

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120720\
 Data File : VD067889.D
 Acq On : 07 Dec 2020 10:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/8/2020 5:05:39 PM

Quant Time: Dec 08 03:18:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	202953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	284473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	258035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133513	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	103864	47.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.34%
35) Dibromofluoromethane	7.92	113	90186	47.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.76%
50) Toluene-d8	10.34	98	332011	48.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.90%
62) 4-Bromofluorobenzene	12.63	95	119920	50.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.24%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	92297	52.256	ug/l	95
3) Chloromethane	2.21	50	49413	48.476	ug/l	99
4) Vinyl Chloride	2.35	62	63869	49.751	ug/l	94
5) Bromomethane	2.77	94	64563	56.336	ug/l	91
6) Chloroethane	2.93	64	42488	50.833	ug/l	95
7) Trichlorofluoromethane	3.28	101	202256	51.486	ug/l	99
8) Diethyl Ether	3.71	74	35631	46.536	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	90546	50.547	ug/l	98
10) Methyl Iodide	4.30	142	89601	47.190	ug/l	99
11) Tert butyl alcohol	5.21	59	24462	208.939	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	81431	48.420	ug/l	99
13) Acrolein	3.93	56	19215	229.494	ug/l	95
14) Allyl chloride	4.71	41	72706	46.732	ug/l	88
15) Acrylonitrile	5.43	53	61438	231.415	ug/l	99
16) Acetone	4.16	43	75208	279.344	ug/l	99
17) Carbon Disulfide	4.41	76	223846	47.673	ug/l	100
18) Methyl Acetate	4.72	43	22904	45.262	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	182783	50.757	ug/l	99
20) Methylene Chloride	4.96	84	89200	51.250	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	95407	49.854	ug/l	90
22) Diisopropyl ether	6.36	45	148979	47.610	ug/l	95
23) Vinyl Acetate	6.31	43	436069	250.501	ug/l	99
24) 1,1-Dichloroethane	6.27	63	135325	49.335	ug/l	98
25) 2-Butanone	7.21	43	63267	223.417	ug/l	100
26) 2,2-Dichloropropane	7.21	77	173073	52.912	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	102247	48.847	ug/l	96
28) Bromochloromethane	7.55	49	40086	46.029	ug/l #	97
29) Tetrahydrofuran	7.56	42	35593	220.748	ug/l	95
30) Chloroform	7.71	83	181696	49.566	ug/l	96
31) Cyclohexane	7.98	56	104462	45.508	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	202329	52.287	ug/l	98
36) 1,1-Dichloropropene	8.12	75	127676	51.845	ug/l	99
37) Ethyl Acetate	7.29	43	29256	44.078	ug/l	95
38) Carbon Tetrachloride	8.10	117	197694	53.057	ug/l	89

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	147289	50.470	ug/l	97
40) Benzene	8.35	78	341560	50.688	ug/l	96
41) Methacrylonitrile	7.53	41	15709	49.824	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	122715	51.096	ug/l	99
43) Isopropyl Acetate	8.46	43	59861	45.837	ug/l	97
44) Trichloroethene	9.11	130	119923	51.762	ug/l	94
45) 1,2-Dichloropropane	9.39	63	65731	47.526	ug/l	92
46) Dibromomethane	9.48	93	46948	48.823	ug/l	97
47) Bromodichloromethane	9.67	83	138133	50.388	ug/l	98
48) Methyl methacrylate	9.46	41	32540	49.069	ug/l	95
49) 1,4-Dioxane	9.46	88	10580	962.891	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	143157	231.611	ug/l	100
52) Toluene	10.41	92	238907	50.710	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	118996	50.292	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	131293	51.013	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	61242	46.538	ug/l	99
56) Ethyl methacrylate	10.67	69	63865	47.699	ug/l	98
57) 1,3-Dichloropropane	10.95	76	98305	47.159	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	153596	252.104	ug/l	97
59) 2-Hexanone	10.99	43	111860	256.723	ug/l	94
60) Dibromochloromethane	11.14	129	100040	50.431	ug/l	96
61) 1,2-Dibromoethane	11.25	107	59746	46.168	ug/l	98
64) Tetrachloroethene	10.88	164	106939	50.808	ug/l	94
65) Chlorobenzene	11.68	112	271842	51.057	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	110701	50.977	ug/l	96
67) Ethyl Benzene	11.75	91	471906	52.030	ug/l	97
68) m/p-Xylenes	11.86	106	368938	103.161	ug/l	100
69) o-Xylene	12.18	106	168342	53.022	ug/l	100
70) Styrene	12.20	104	285279	51.673	ug/l	98
71) Bromoform	12.37	173	54916	47.774	ug/l #	95
73) Isopropylbenzene	12.48	105	490226	53.392	ug/l	99
74) N-amyl acetate	12.29	43	55241	48.639	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	54243	44.747	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	43158m	44.388	ug/l	
77) Bromobenzene	12.76	156	118420	51.879	ug/l	97
78) n-propylbenzene	12.83	91	535976	52.668	ug/l	99
79) 2-Chlorotoluene	12.91	91	308186	51.478	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	430491	54.153	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	19248	47.356	ug/l	97
82) 4-Chlorotoluene	13.01	91	335168	52.483	ug/l	99
83) tert-Butylbenzene	13.23	119	377517	55.807	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	424773	53.735	ug/l	99
85) sec-Butylbenzene	13.41	105	478368	52.982	ug/l	100
86) p-Isopropyltoluene	13.52	119	468391	52.932	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	222362	50.500	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	219717	49.878	ug/l	99
89) n-Butylbenzene	13.85	91	395497	53.797	ug/l	100
90) Hexachloroethane	14.11	117	82312	50.384	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	189434	49.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12809	50.631	ug/l	89

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Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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Quant Time: Dec 08 03:18:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 02 08:05:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	143401	53.682	ug/l	99
94) Hexachlorobutadiene	15.27	225	95352	54.702	ug/l	98
95) Naphthalene	15.41	128	218049	50.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	120558	52.260	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

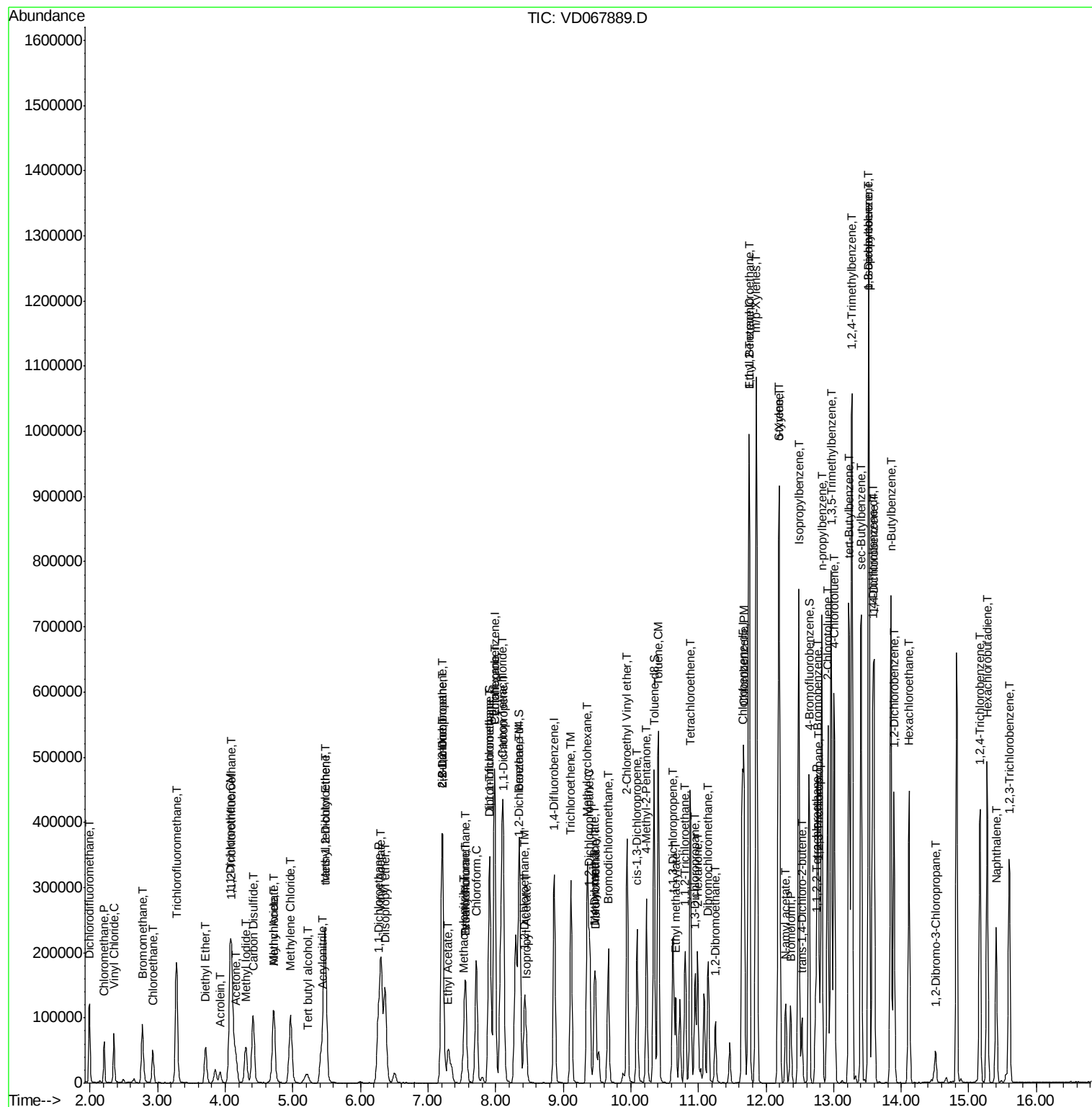
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 Data File : VD067889.D
 Acq On : 07 Dec 2020 10:00
 Operator : VA/SY
 Sample : VSTDC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

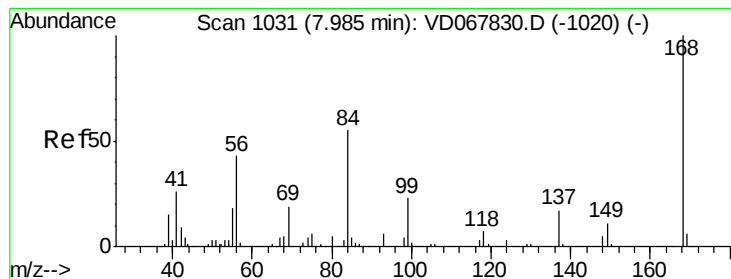
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDC050

Manual Integrations
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MMDadoda
 12/8/2020 5:05:39 PM

Quant Time: Dec 08 03:18:02 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 202953

Ion Ratio Lower Upper

168 100

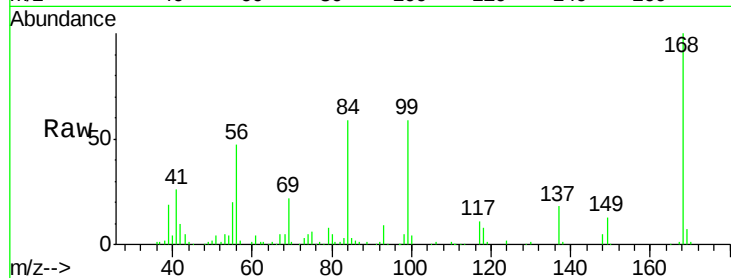
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Manual Integrations

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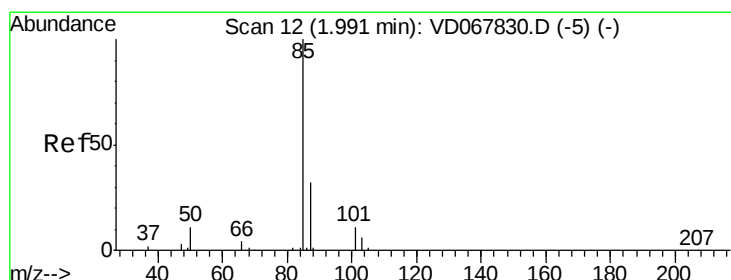
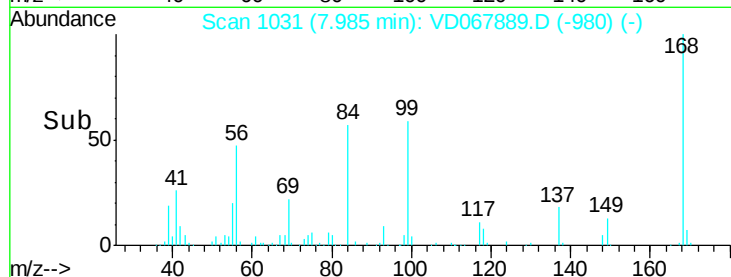
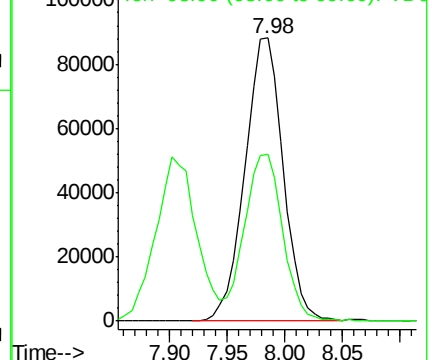
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 52.256 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067889.D

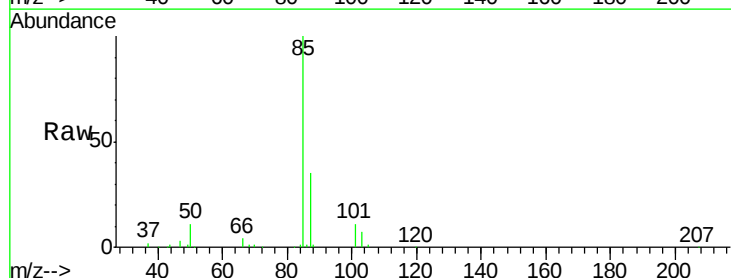
Acq: 07 Dec 2020 10:00

Tgt Ion: 85 Resp: 92297

Ion Ratio Lower Upper

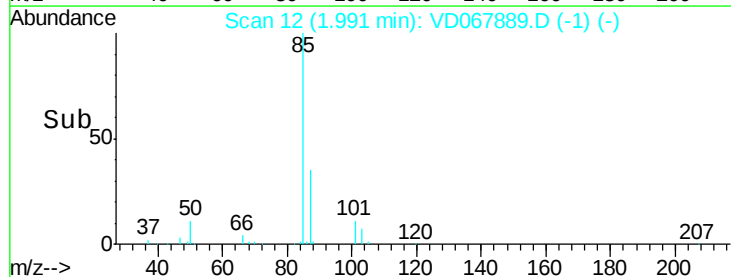
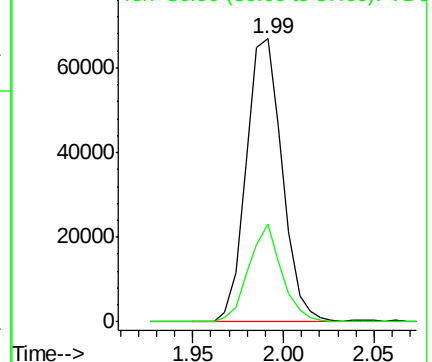
85 100

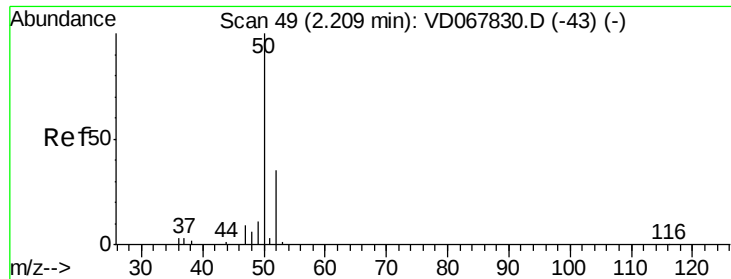
87 34.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.476 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 49413

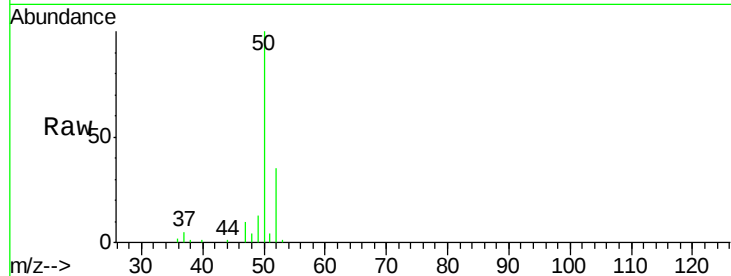
Ion Ratio Lower Upper

50 100

52 35.3 27.8 41.6

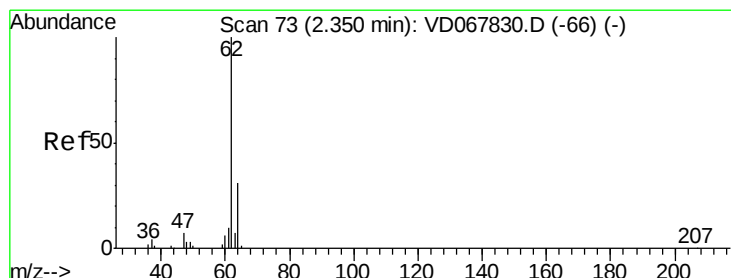
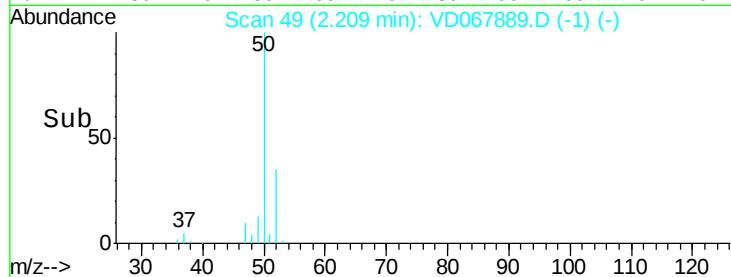
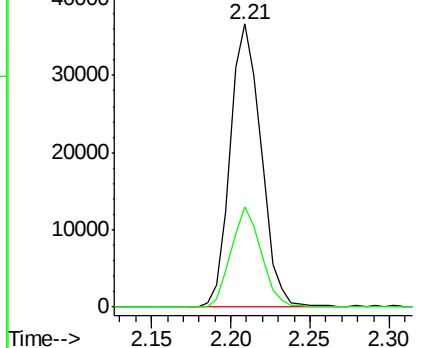
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 49.751 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067889.D

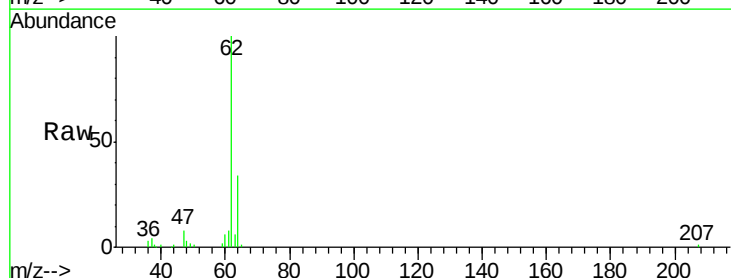
Acq: 07 Dec 2020 10:00

Tgt Ion: 62 Resp: 63869

Ion Ratio Lower Upper

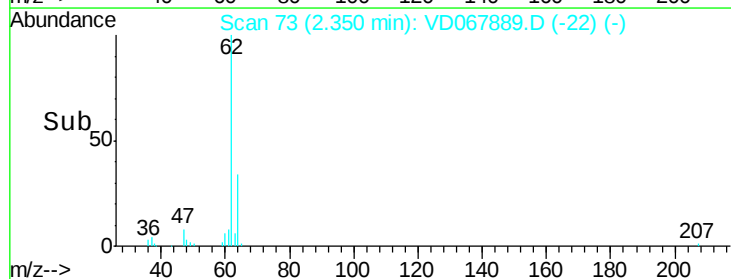
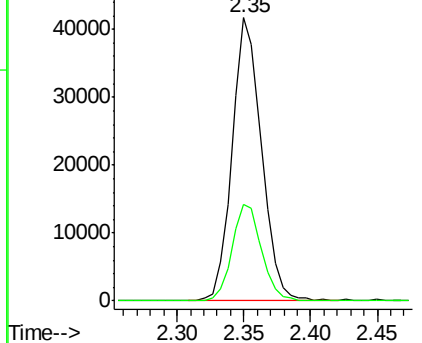
62 100

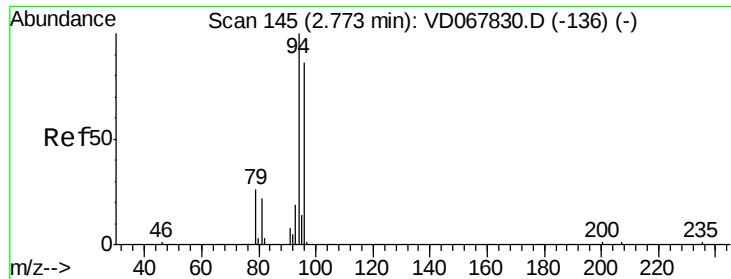
64 34.0 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 56.336 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 64563

Ion Ratio Lower Upper

94 100

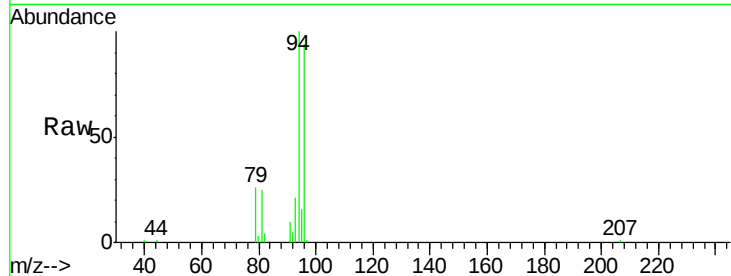
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Manual Integrations

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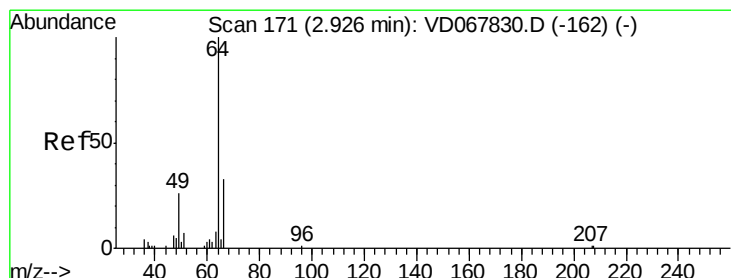
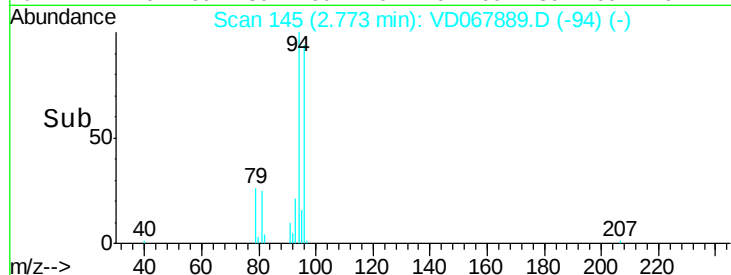
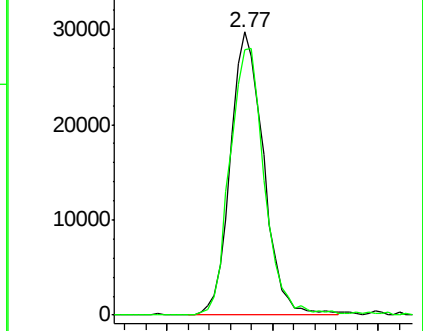
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.833 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067889.D

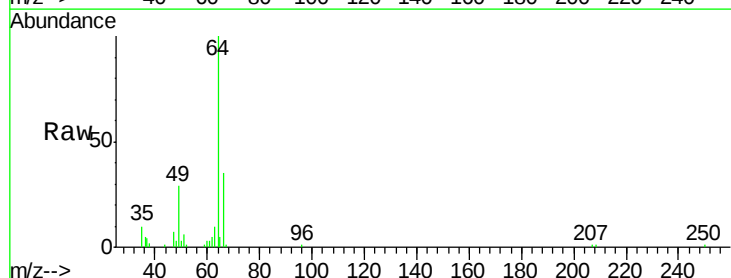
Acq: 07 Dec 2020 10:00

Tgt Ion: 64 Resp: 42488

Ion Ratio Lower Upper

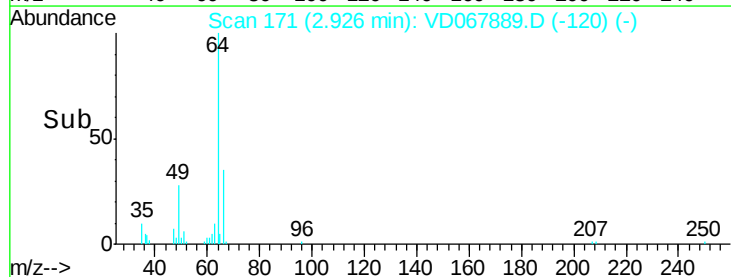
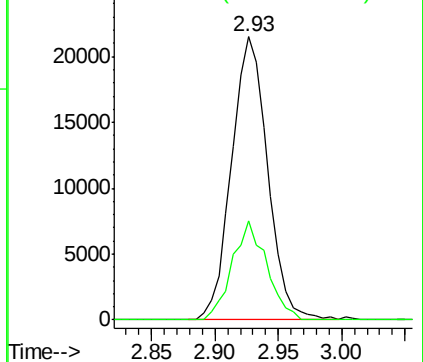
64 100

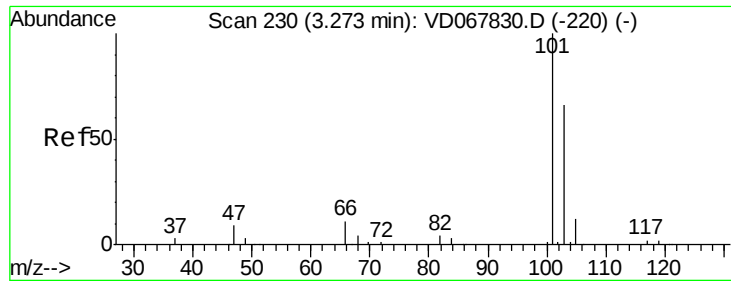
66 35.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

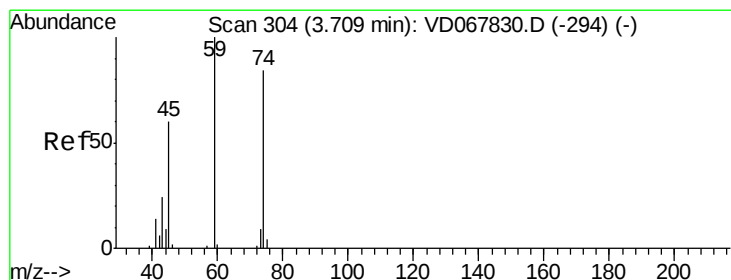
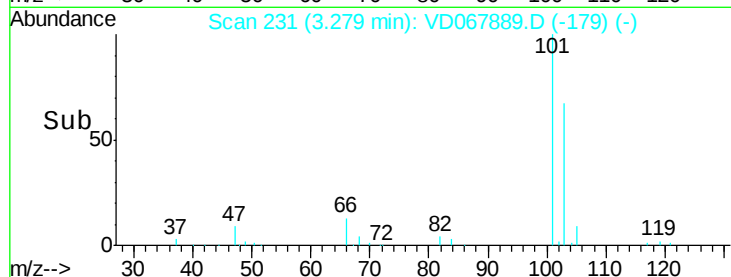
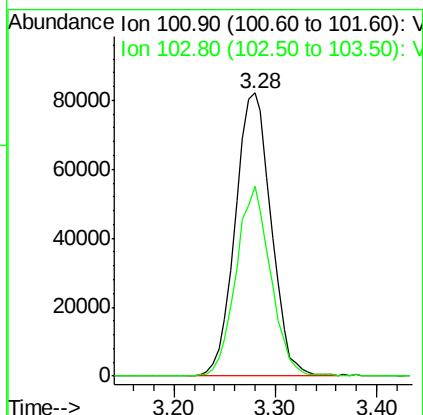
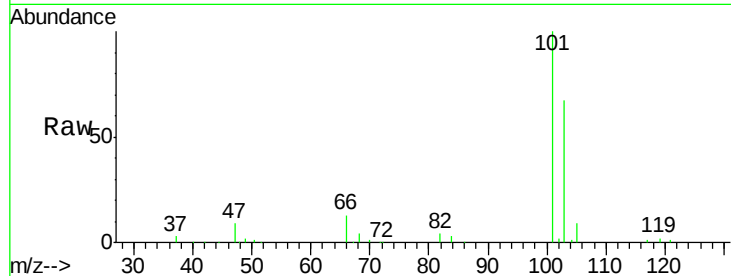
Trichlorofluoromethane
Concen: 51.486 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067889.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	53.0	79.6

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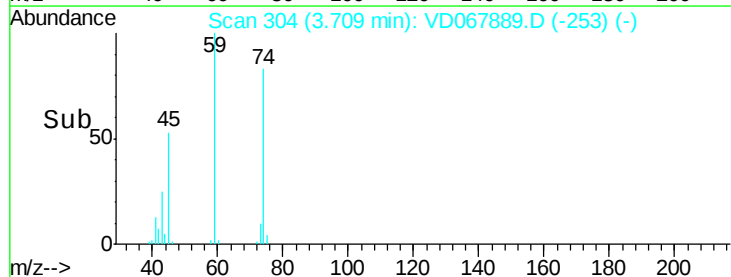
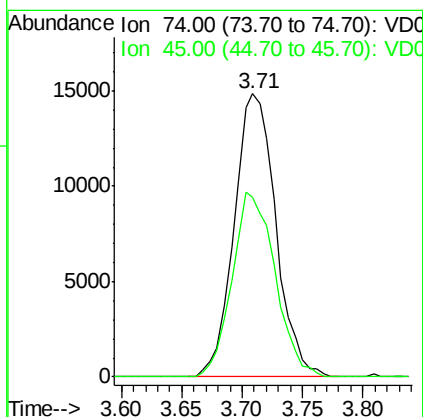
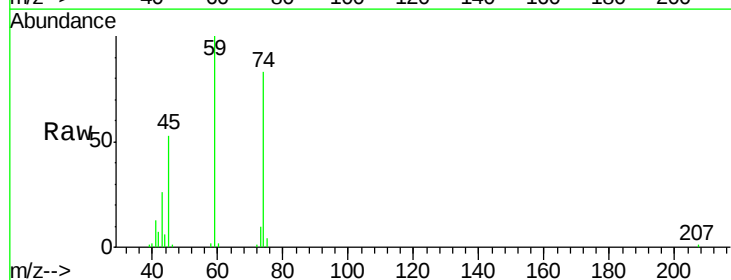
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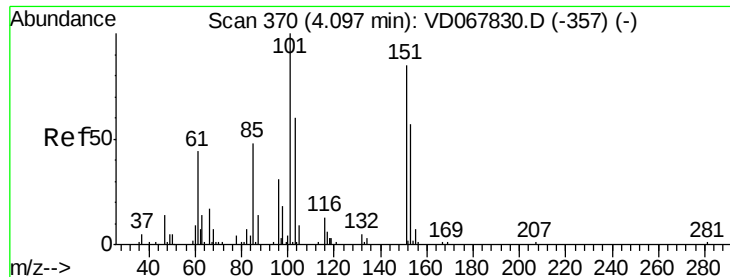


#8

Diethyl Ether
Concen: 46.536 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	67.1	33.9	101.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.547 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

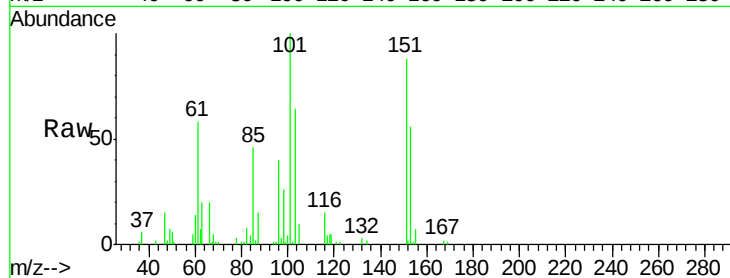
ClientSampleId :

VSTDCCC050

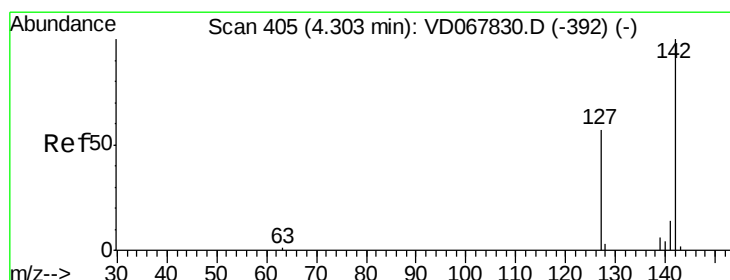
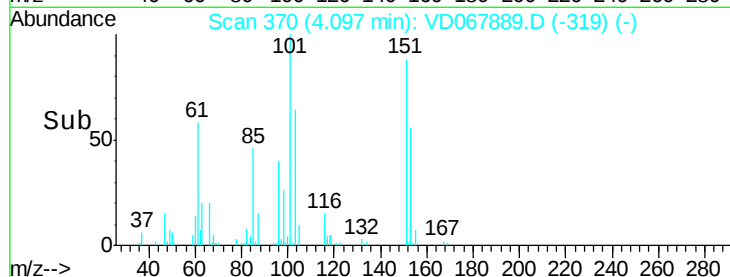
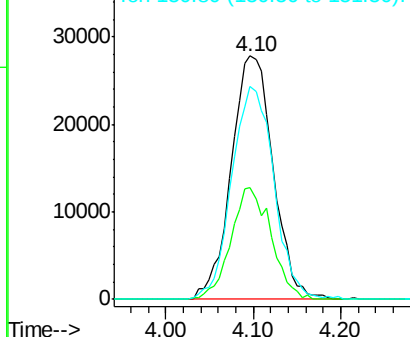
Tot Ion:	101	Resp:	90546
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.2	54.4
151	88.4	69.4	104.2

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.190 ug/l

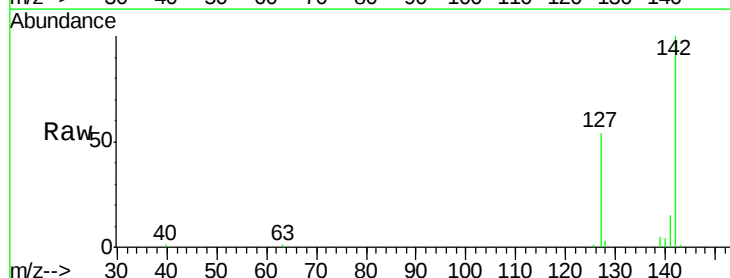
RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

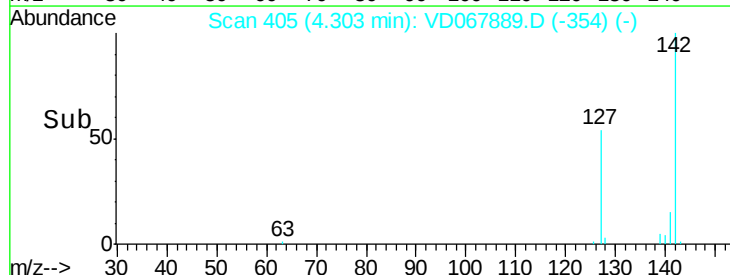
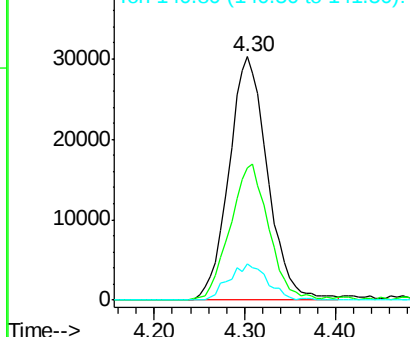
Lab File: VD067889.D

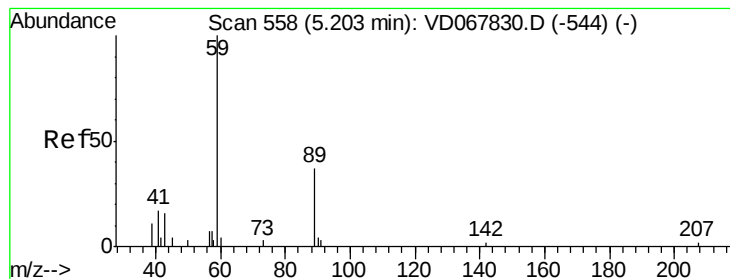
Acq: 07 Dec 2020 10:00

Tgt Ion:	142	Resp:	89601
Ion Ratio	Lower	Upper	
142	100		
127	55.5	43.9	65.9
141	14.6	12.2	18.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

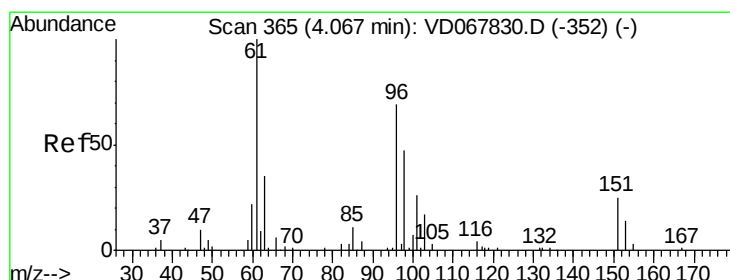
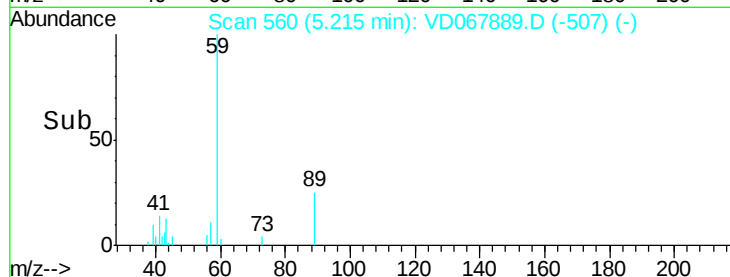
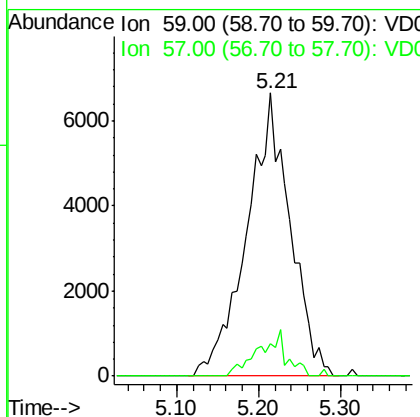
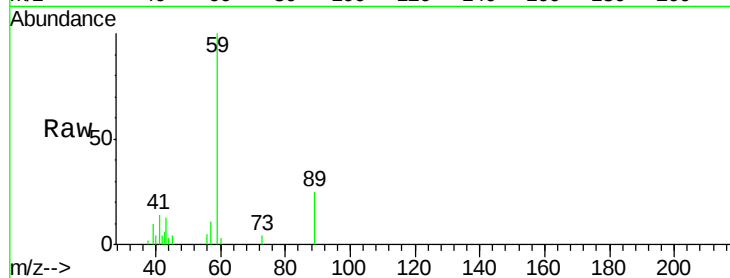
Tert butyl alcohol
Concen: 208.939 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 24462
Ion Ratio Lower Upper
59 100
57 5.7 7.7 11.5#

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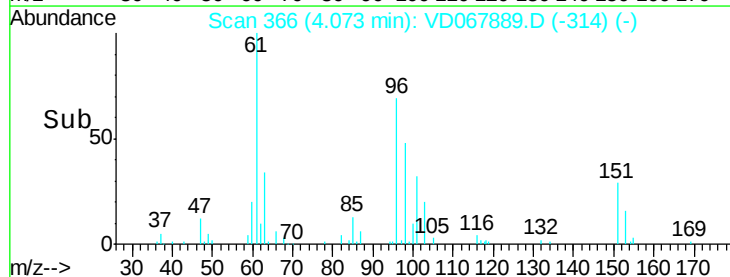
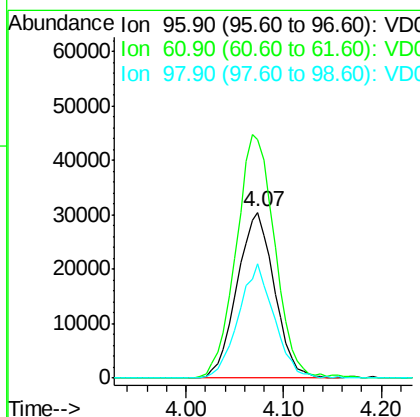
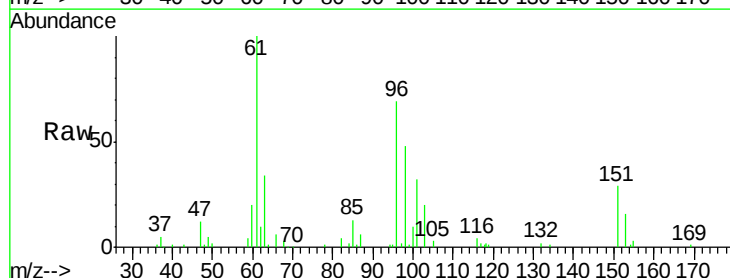
MMDadoda
12/8/2020 5:05:39 PM

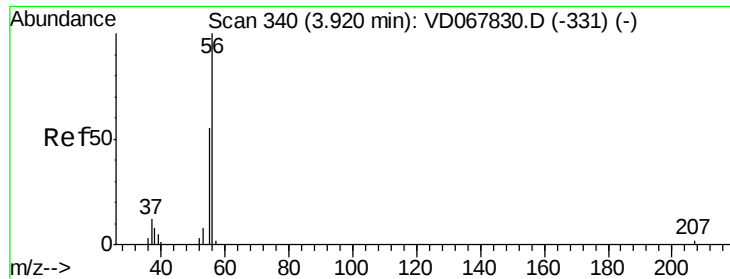


#12

1,1-Dichloroethene
Concen: 48.420 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 96 Resp: 81431
Ion Ratio Lower Upper
96 100
61 144.2 116.1 174.1
98 68.8 54.6 82.0





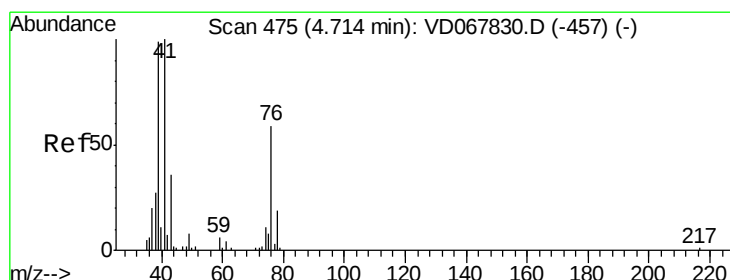
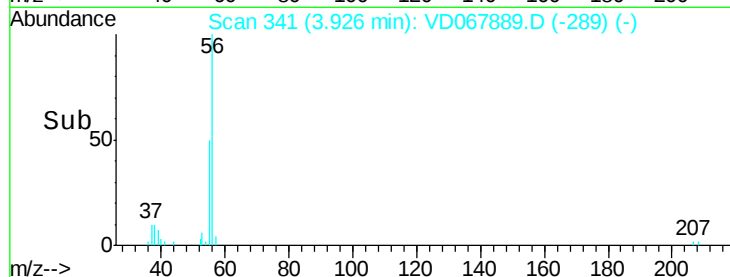
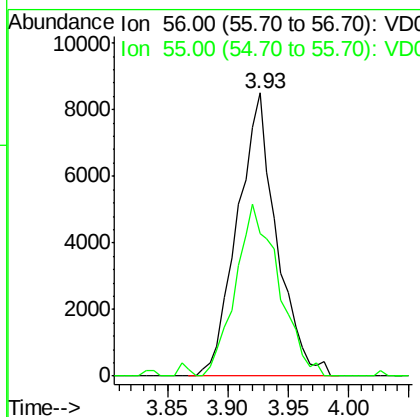
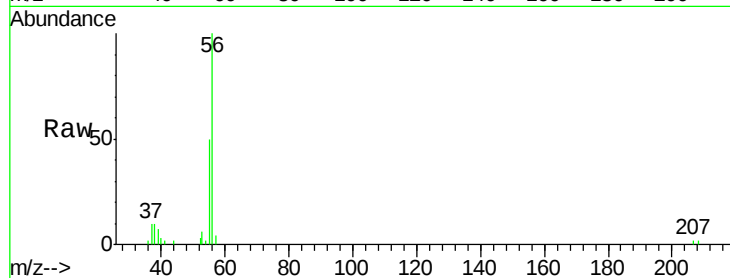
#13
Acrolein
Concen: 229.494 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	19215
Ion Ratio	100	Lower	Upper
55	66.8	56.5	84.7

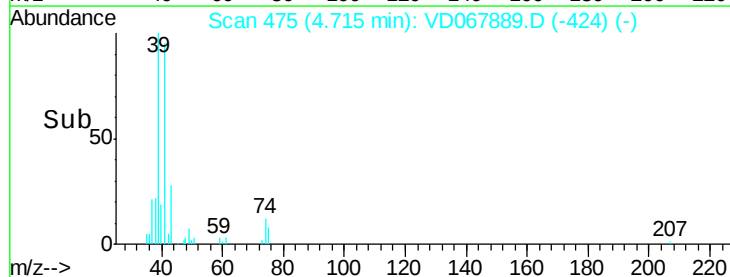
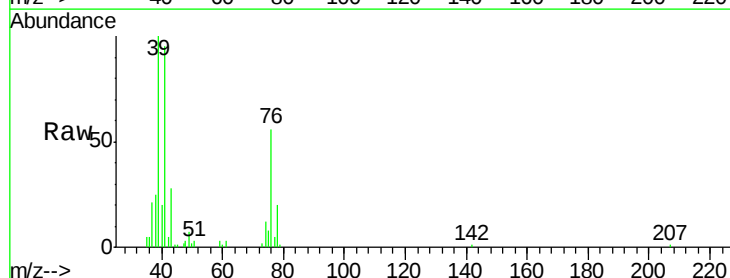
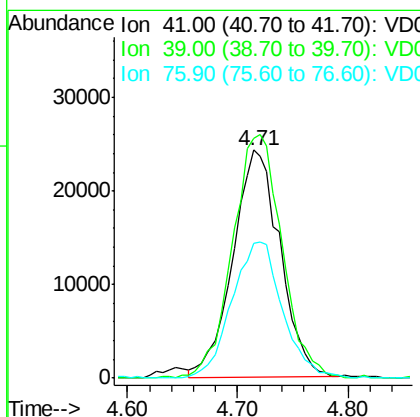
Manual Integrations
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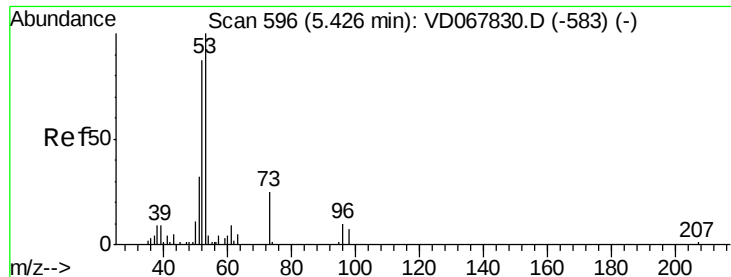
MMDadoda
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#14
Allyl chloride
Concen: 46.732 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	41	Resp	72706
Ion Ratio	100	Lower	Upper
39	112.6	79.0	118.6
76	64.2	46.6	70.0





#15

Acrylonitrile

Concen: 231.415 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

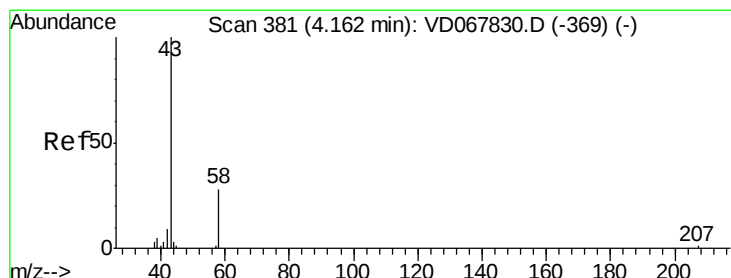
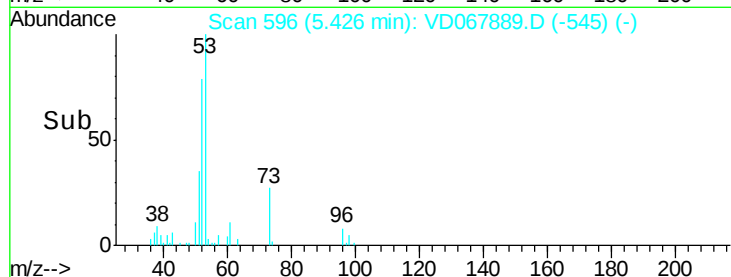
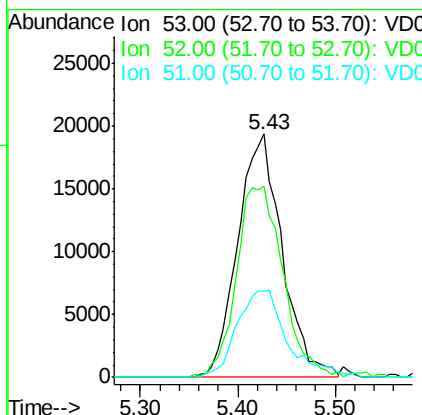
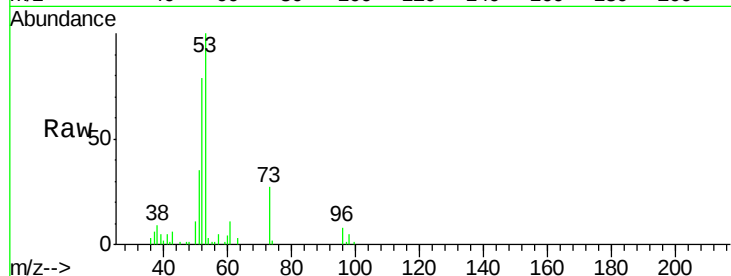
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	61438
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	40.3	31.1	46.7

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#16

Acetone

Concen: 279.344 ug/l

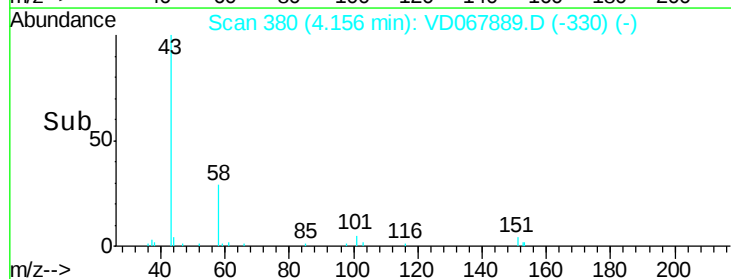
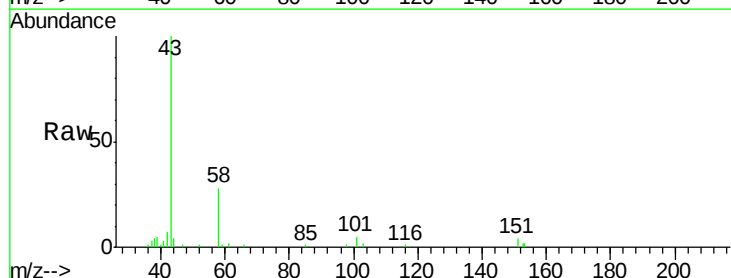
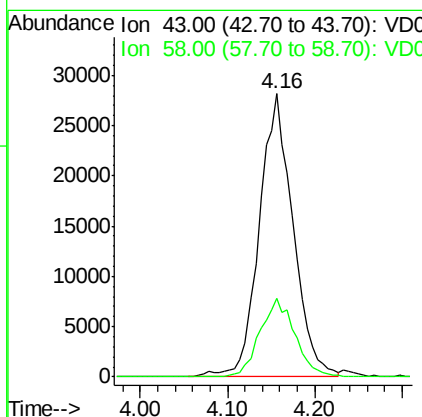
RT: 4.16 min Scan# 380

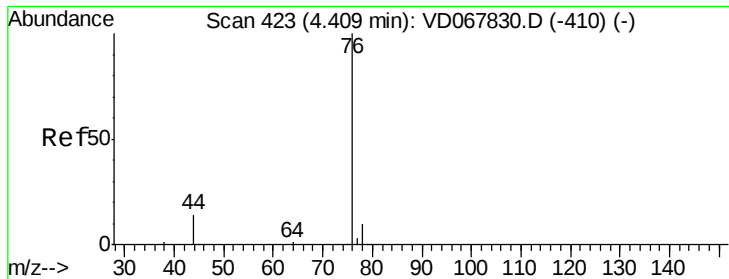
Delta R.T. -0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion:	43	Resp:	75208
Ion Ratio	Lower	Upper	
43	100		
58	27.8	21.9	32.9





#17

Carbon Disulfide

Concen: 47.673 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 223846

Ion Ratio Lower Upper

76 100

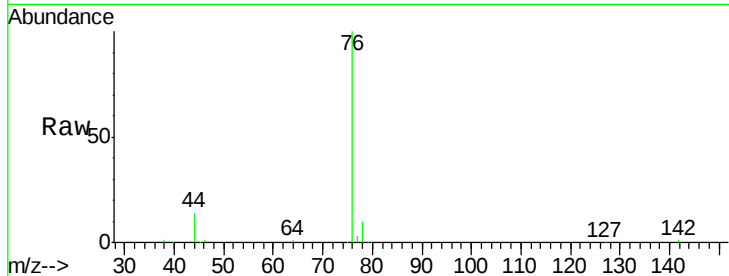
78 9.8 7.8 11.6

Manual Integrations

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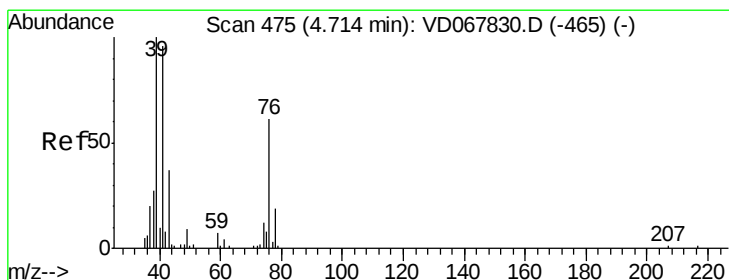
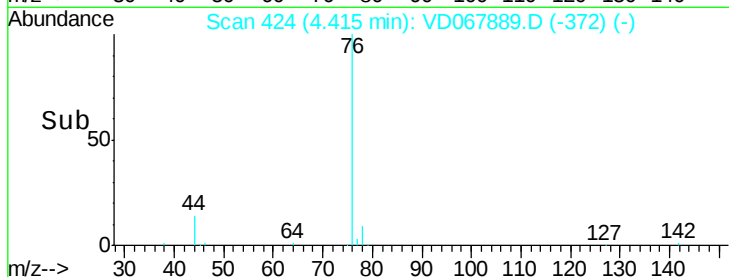
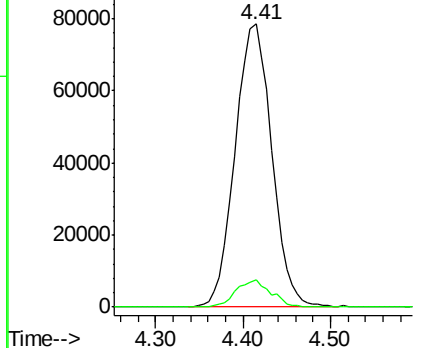
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 45.262 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067889.D

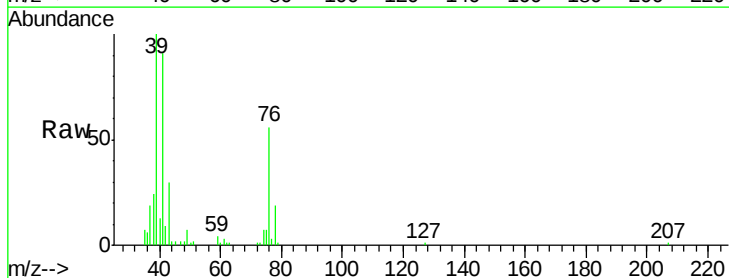
Acq: 07 Dec 2020 10:00

Tgt Ion: 43 Resp: 22904

Ion Ratio Lower Upper

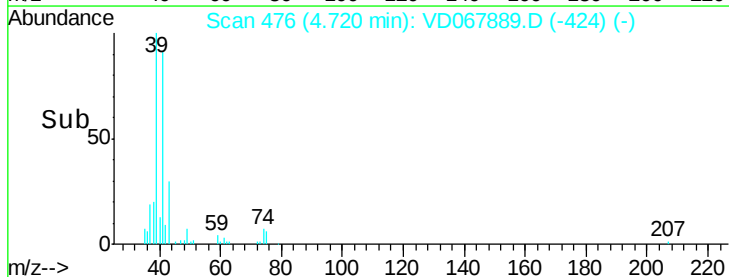
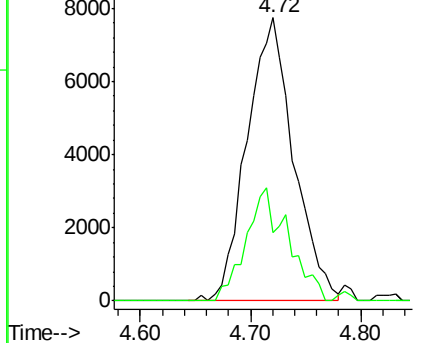
43 100

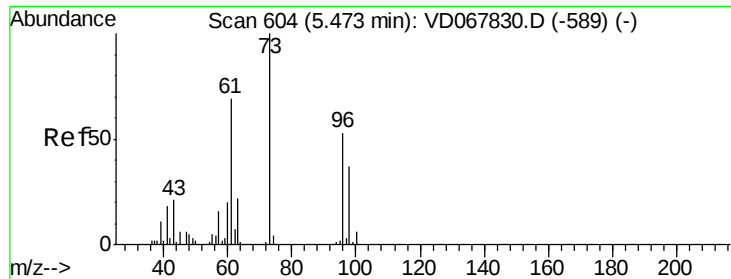
74 36.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





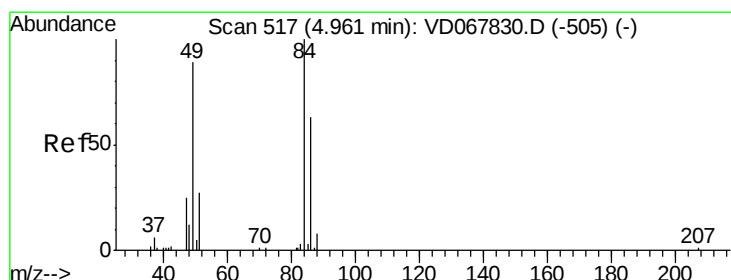
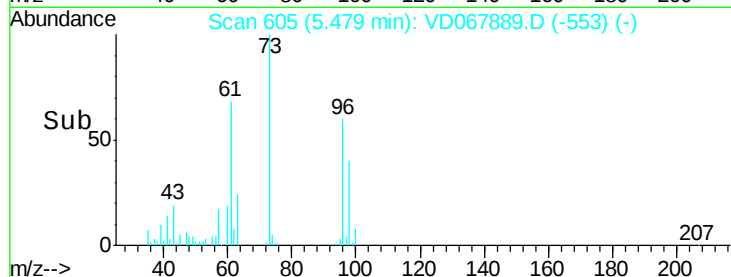
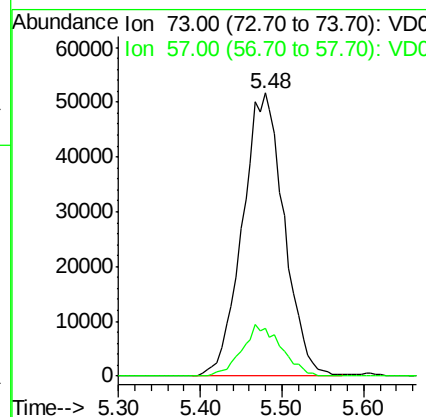
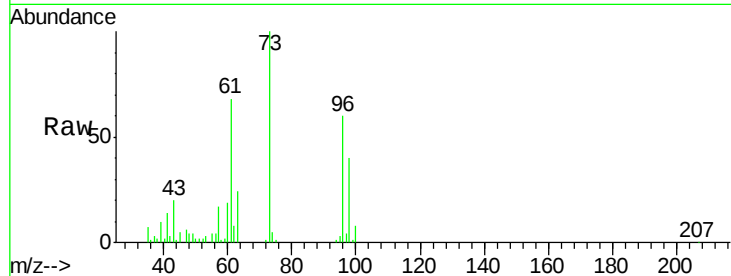
#19
Methyl tert-butyl Ether
Concen: 50.757 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 182783
Ion Ratio Lower Upper
73 100
57 16.9 13.2 19.8

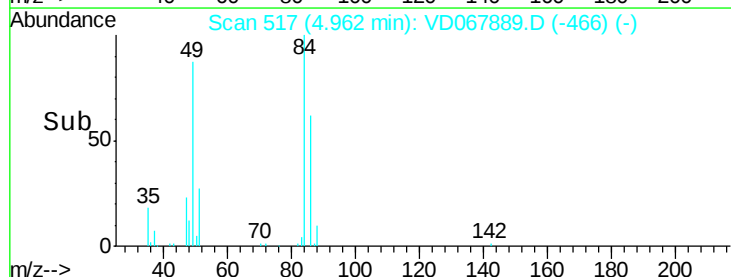
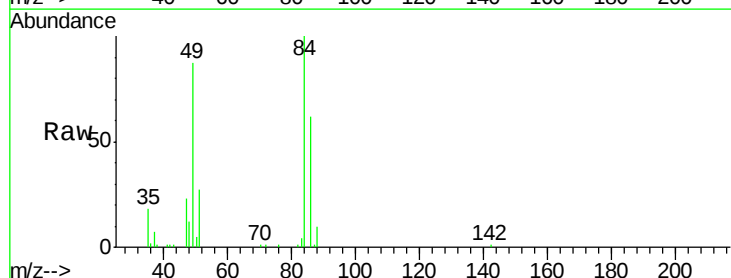
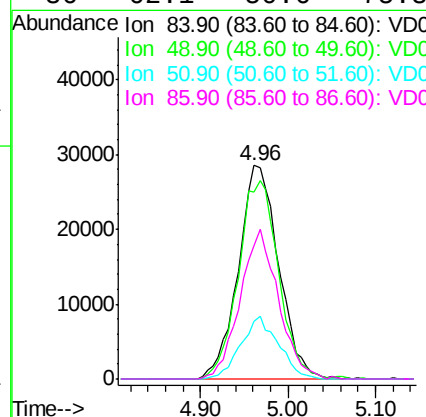
Manual Integrations
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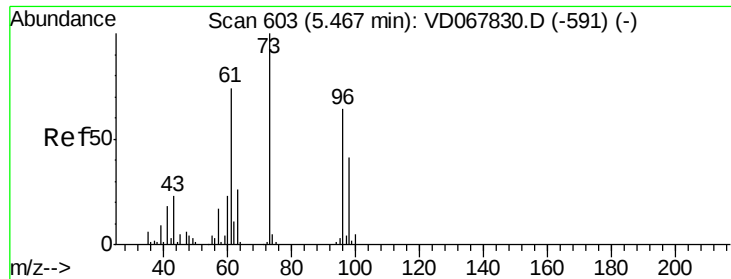
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#20
Methylene Chloride
Concen: 51.250 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 84 Resp: 89200
Ion Ratio Lower Upper
84 100
49 87.4 71.4 107.0
51 26.8 21.8 32.8
86 62.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.854 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

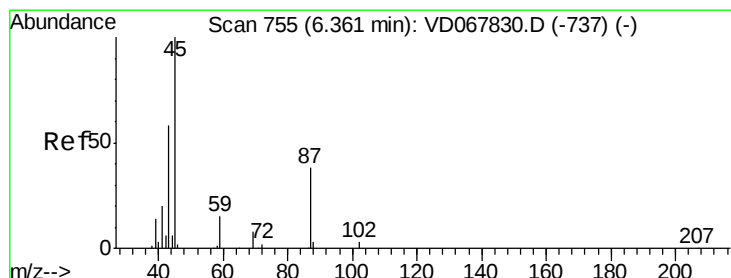
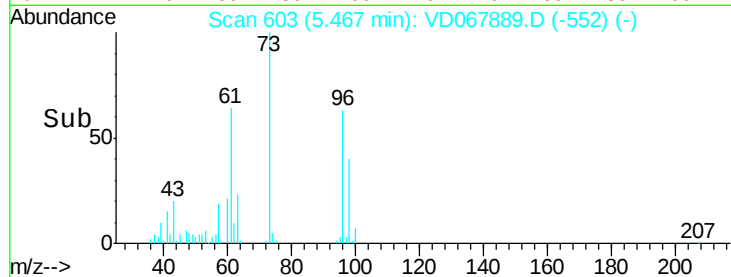
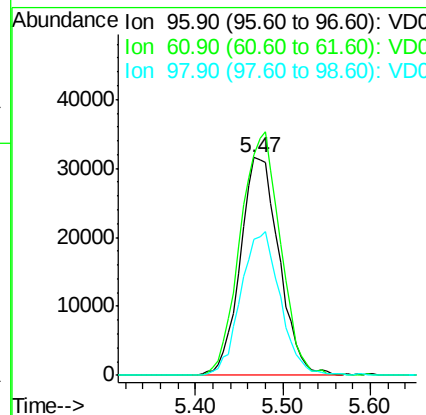
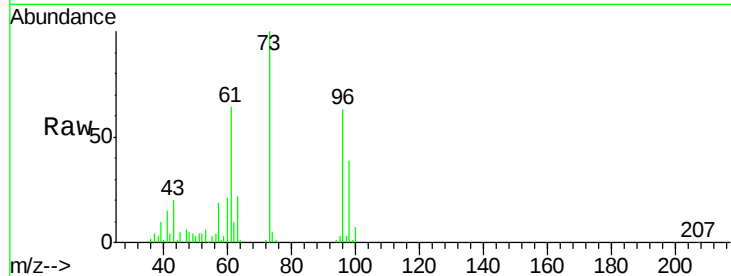
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	95407
Ion	Ratio	Lower	Upper
96	100		
61	101.2	93.1	139.7
98	62.5	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.610 ug/l

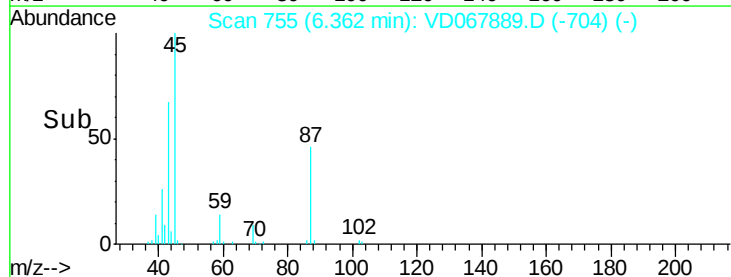
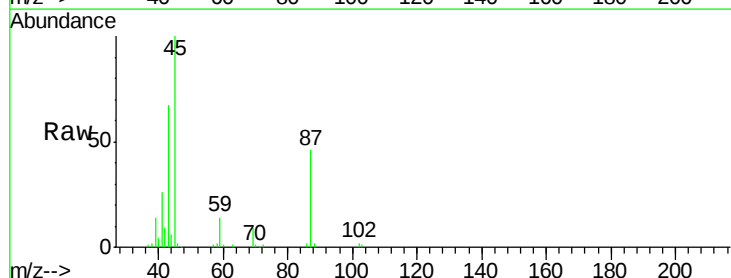
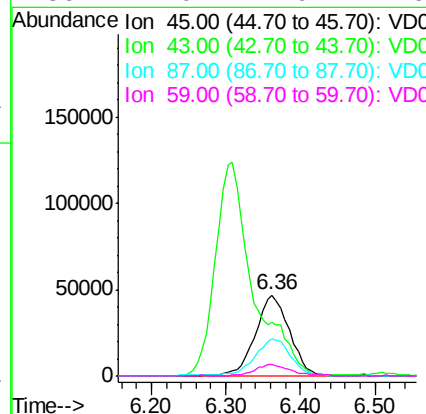
RT: 6.36 min Scan# 755

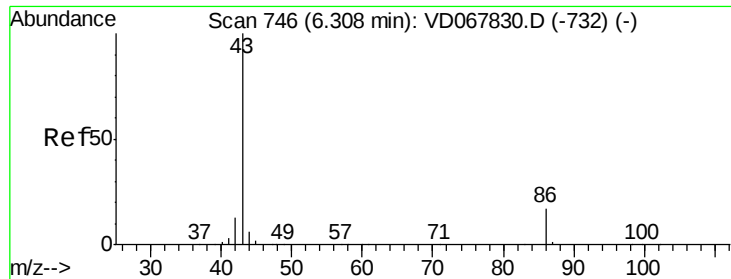
Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion:	45	Resp:	148979
Ion	Ratio	Lower	Upper
45	100		
43	65.3	49.8	74.6
87	45.7	32.1	48.1
59	14.0	11.9	17.9





#23

Vinyl Acetate

Concen: 250.501 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 436069

Ion Ratio Lower Upper

43 100

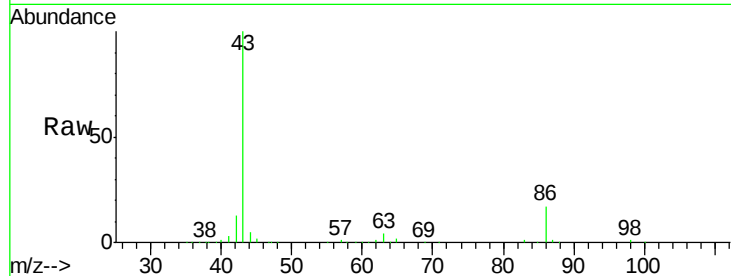
86 16.9 13.8 20.6

Manual Integrations

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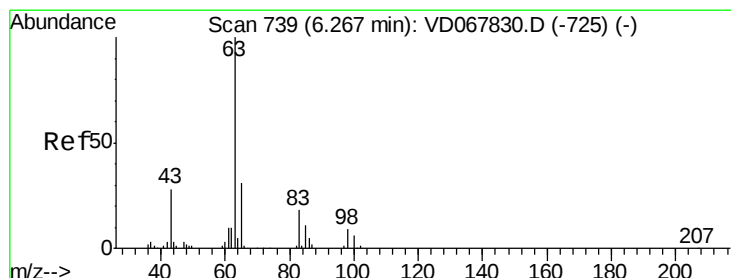
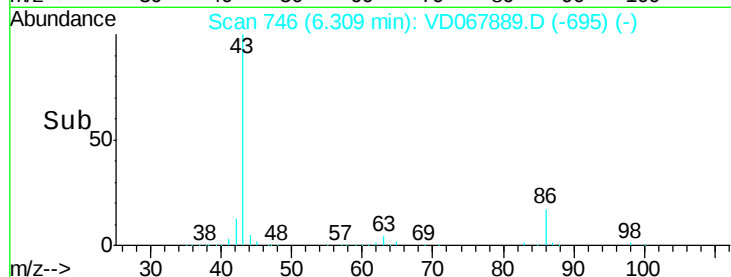
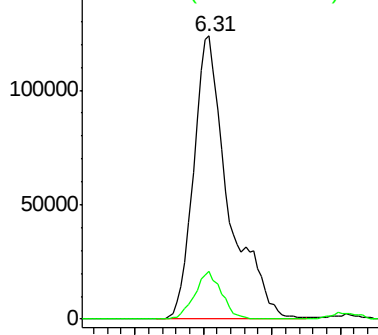
MMDadoda

12/8/2020 5:05:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.335 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

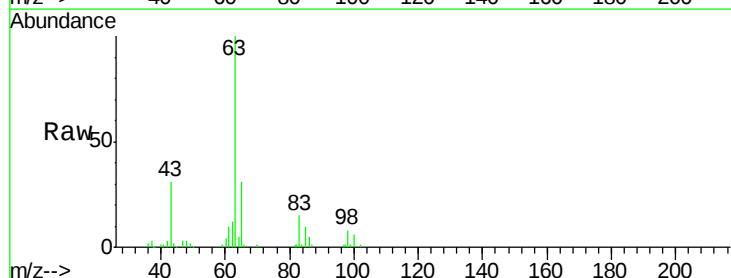
Tgt Ion: 63 Resp: 135325

Ion Ratio Lower Upper

63 100

98 7.9 4.5 13.5

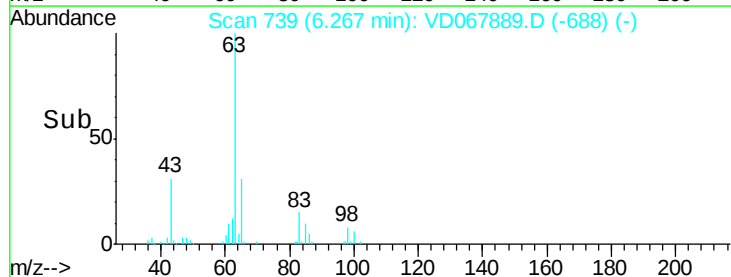
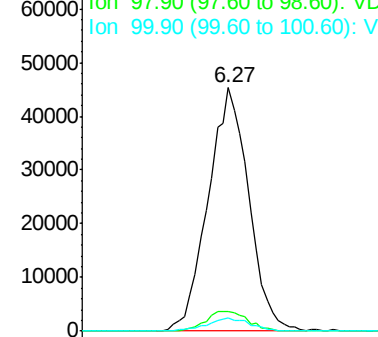
100 5.5 3.0 9.2

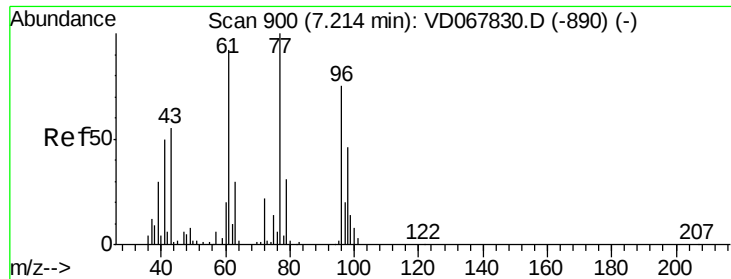


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





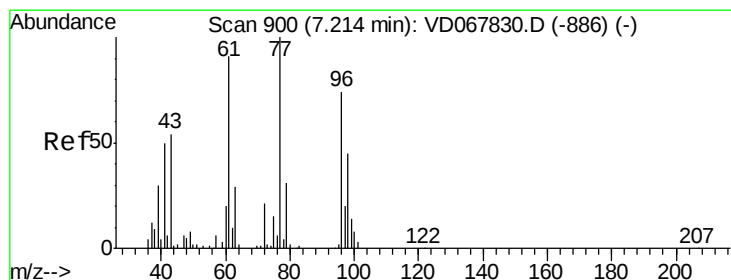
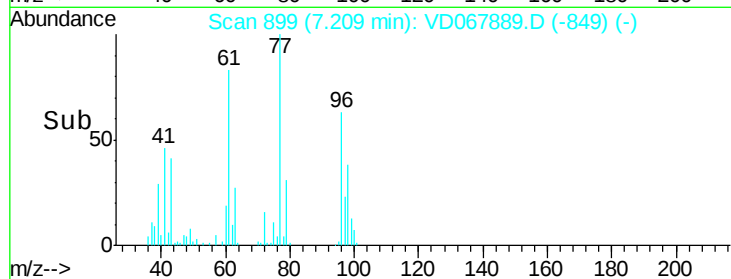
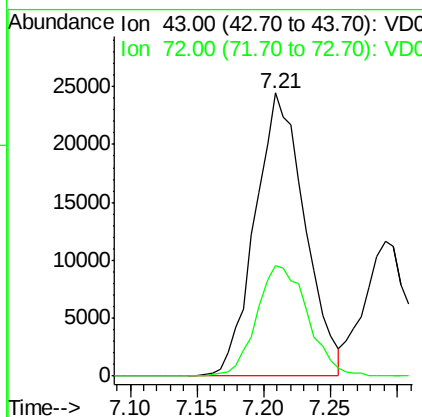
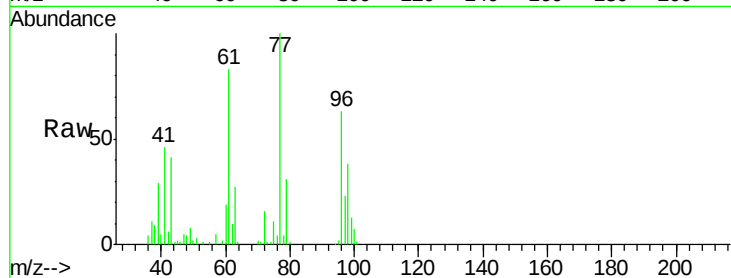
#25
2-Butanone
Concen: 223.417 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 63267
Ion Ratio Lower Upper
43 100
72 39.0 31.3 46.9

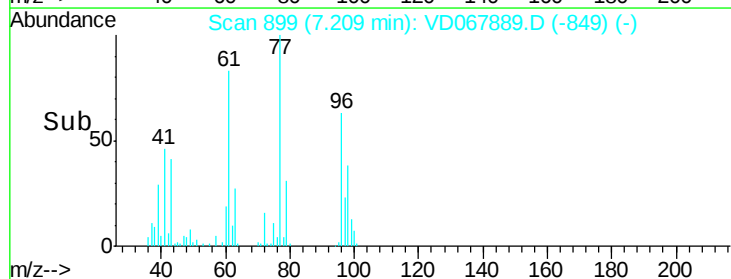
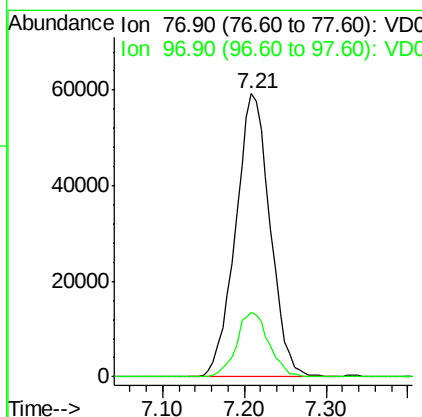
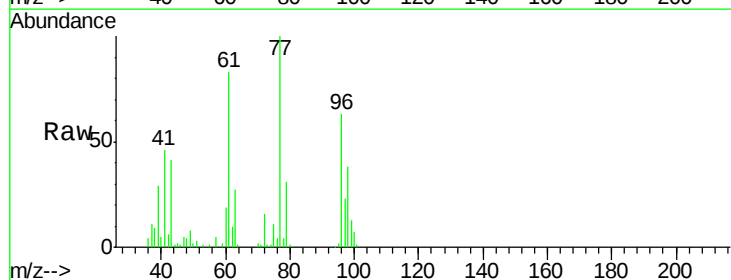
Manual Integrations
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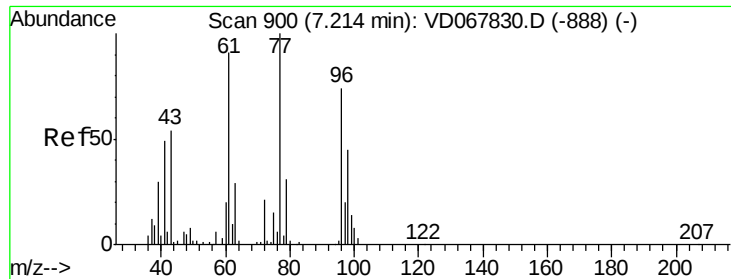
MMDadoda
12/8/2020 5:05:39 PM



#26
2,2-Dichloropropane
Concen: 52.912 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 77 Resp: 173073
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.1





#27

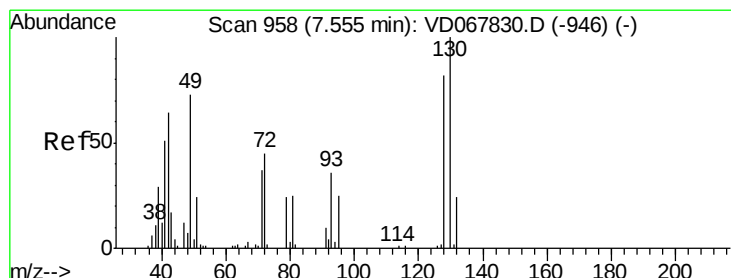
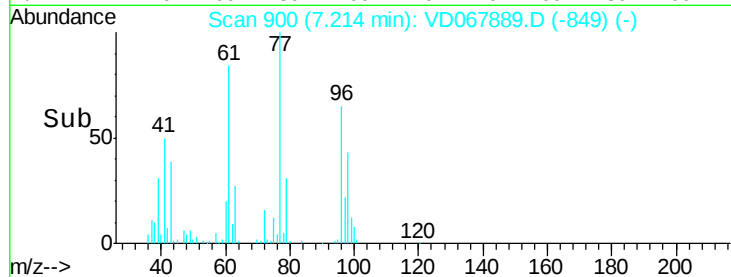
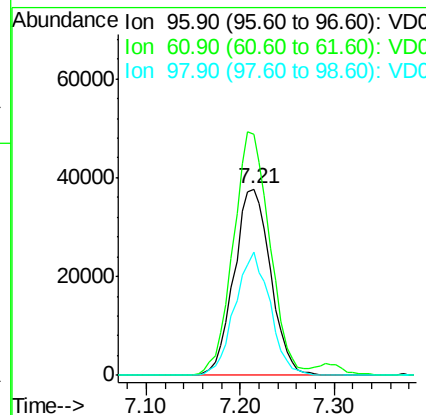
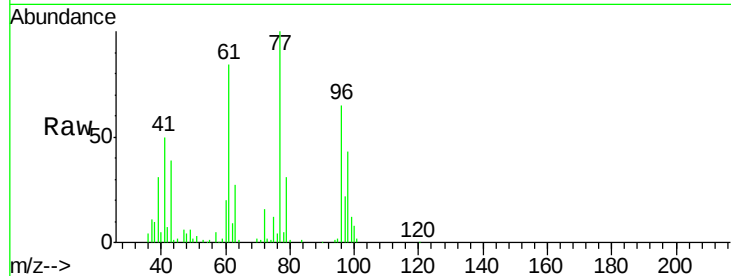
cis-1,2-Dichloroethene
Concen: 48.847 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	102247		
61	130.1	0.0	248.4	
98	63.1	0.0	127.4	

Manual Integrations
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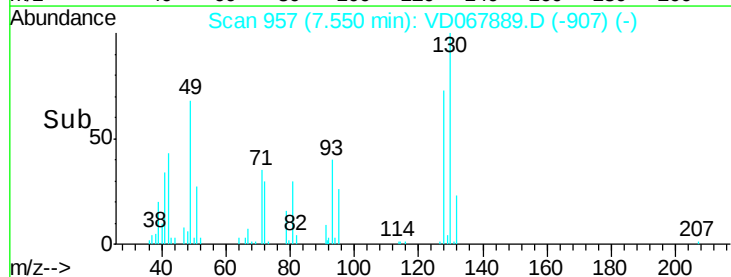
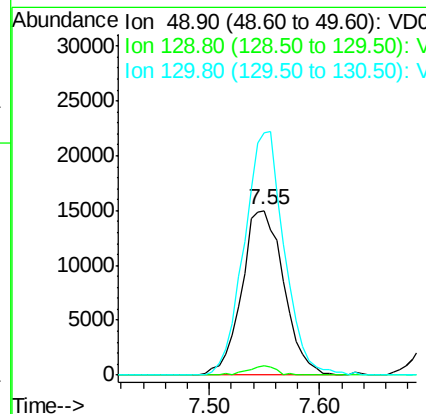
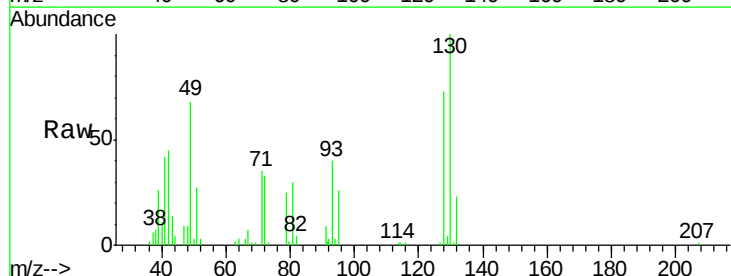
MMDadoda
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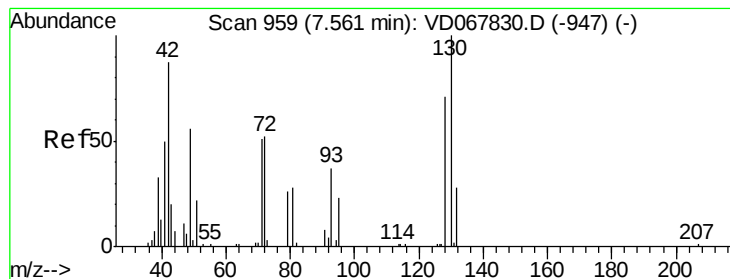


#28

Bromochloromethane
Concen: 46.029 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	40086		
129	3.9	0.0	3.4#	
130	140.7	110.2	165.2	





#29

Tetrahydrofuran

Concen: 220.748 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

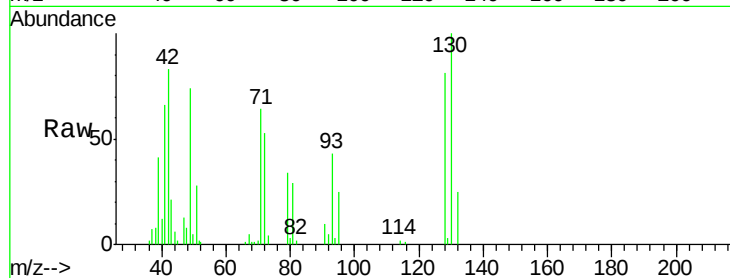
ClientSampleId :

VSTDCCC050

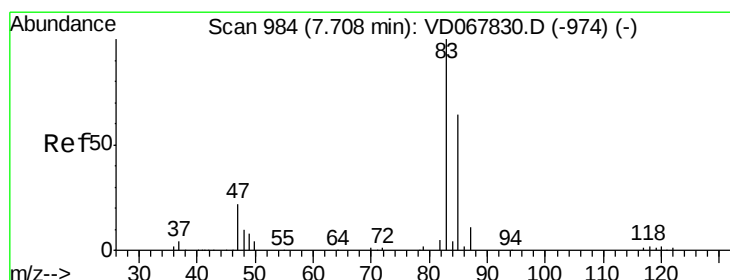
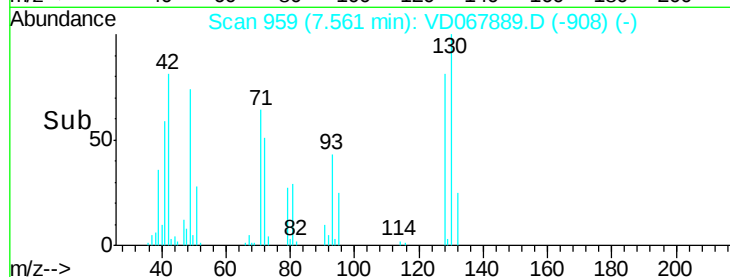
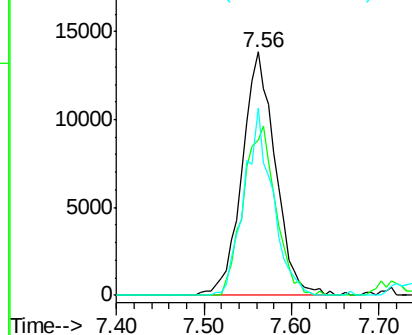
Tot Ion:	42	Resp:	35593
Ion	Ratio	Lower	Upper
42	100		
72	67.8	51.9	77.9
71	65.4	48.2	72.4

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 49.566 ug/l

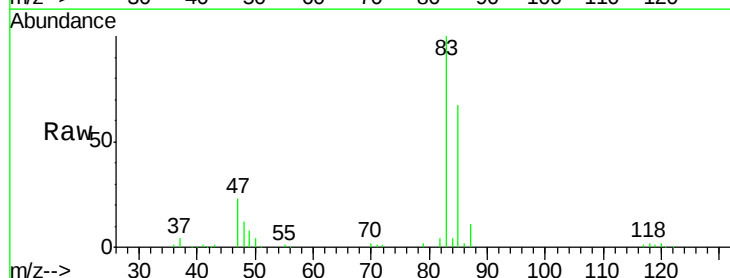
RT: 7.71 min Scan# 985

Delta R.T. 0.01 min

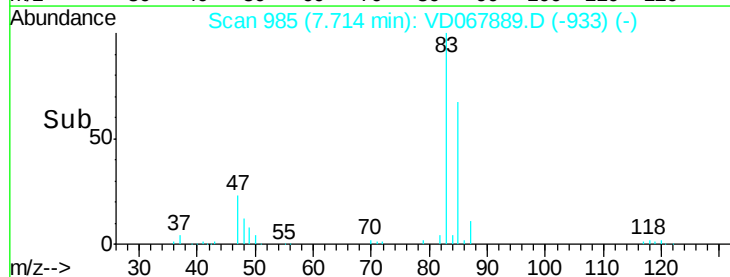
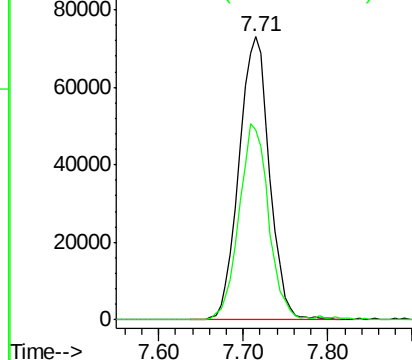
Lab File: VD067889.D

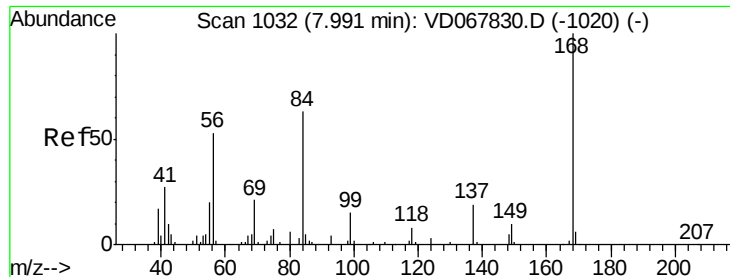
Acq: 07 Dec 2020 10:00

Tgt Ion:	83	Resp:	181696
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.0	76.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





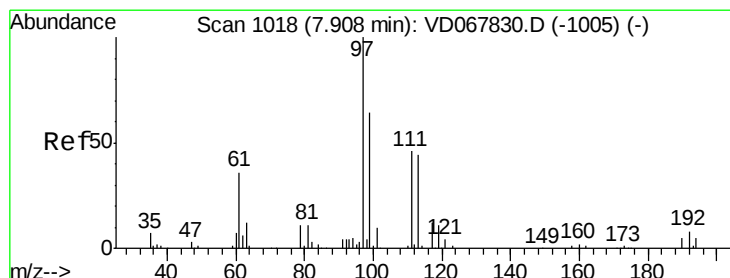
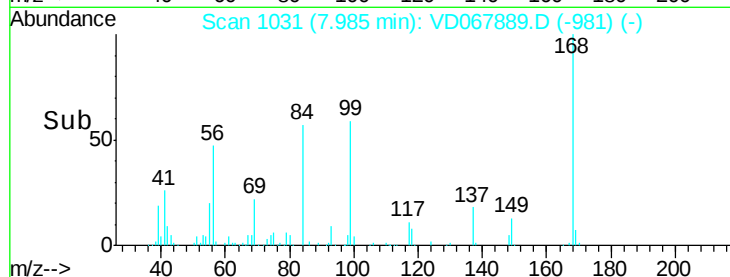
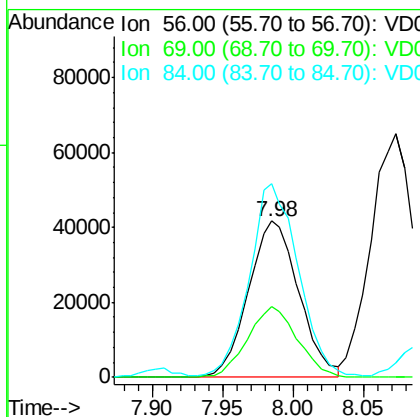
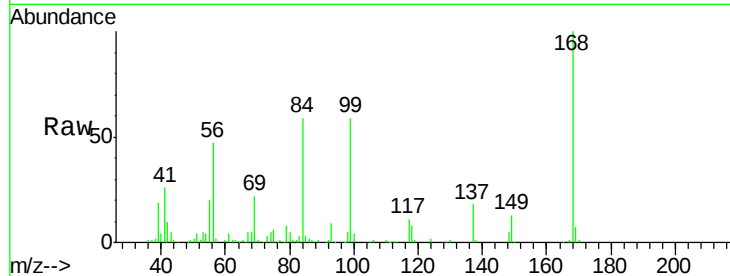
#31
Cyclohexane
Concen: 45.508 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	45.6	32.1	48.1
84	122.6	93.2	139.8

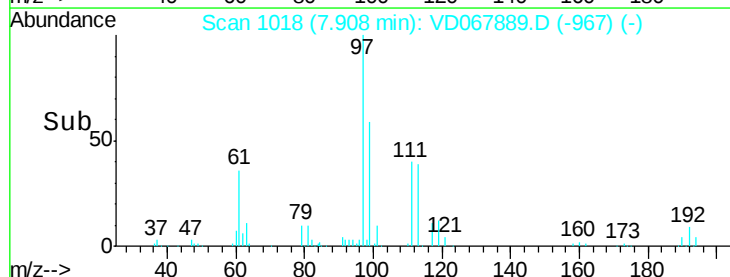
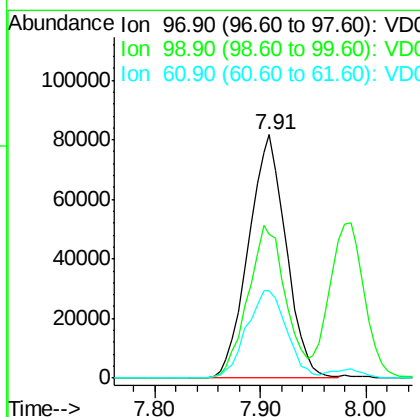
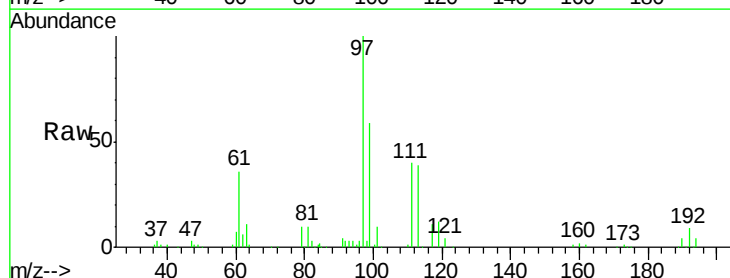
Manual Integrations
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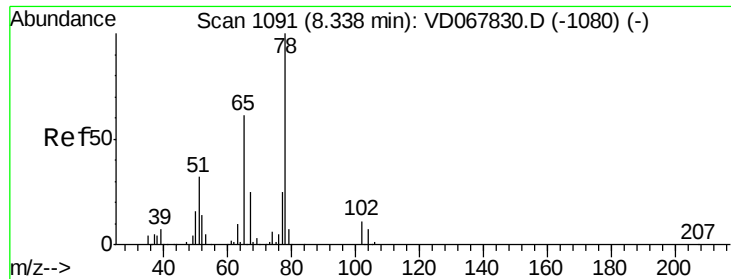
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.287 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.4	77.2
61	38.1	30.8	46.2





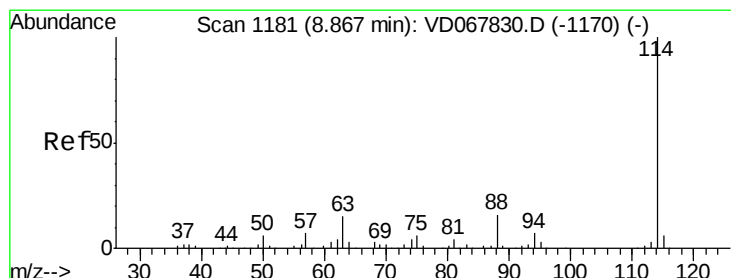
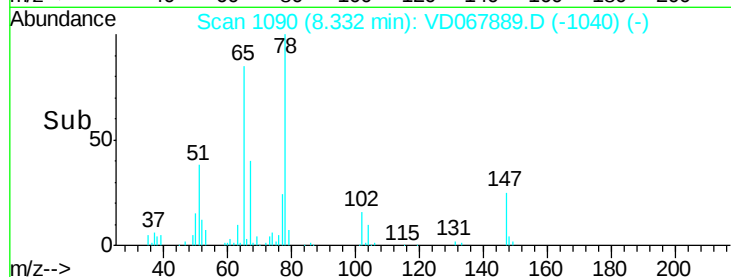
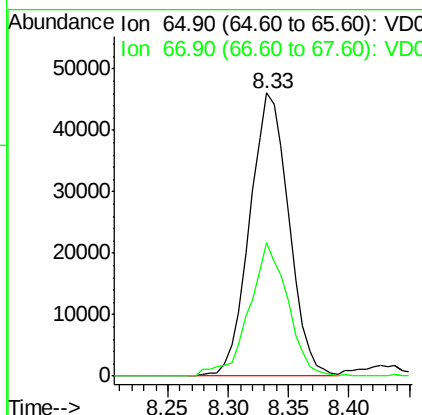
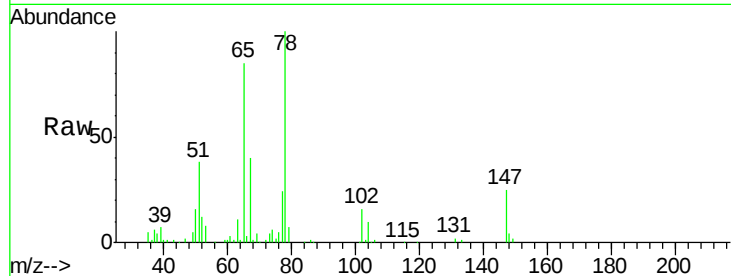
#33
 1,2-Dichloroethane-d4
 Concen: 47.671 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	46.3	0.0	92.0	

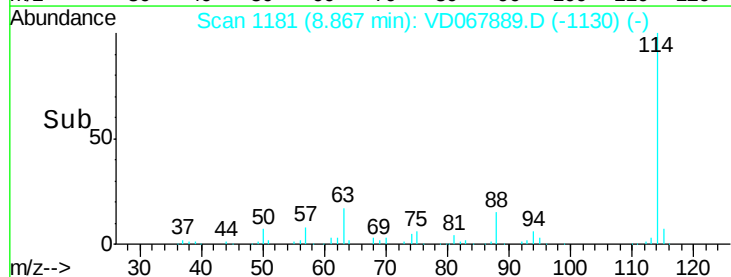
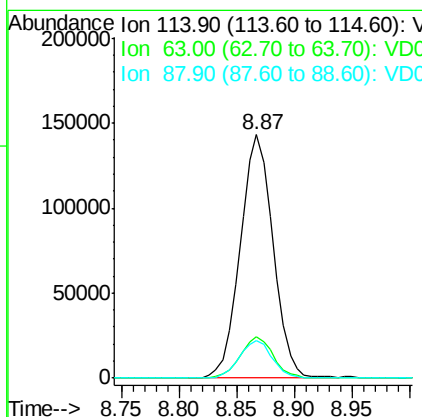
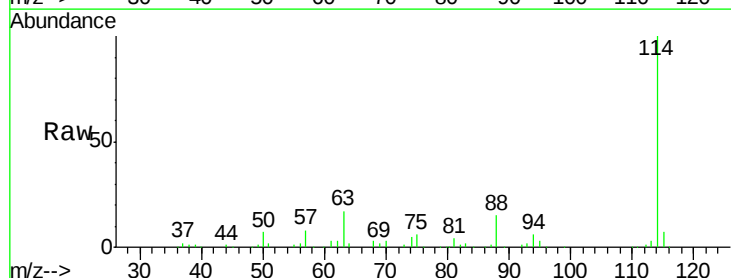
Manual Integrations
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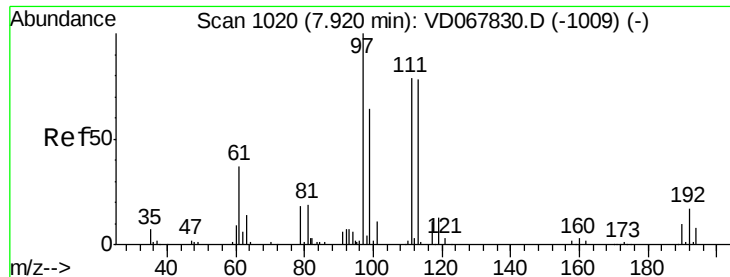
MMDadoda
 12/8/2020 5:05:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.8	0.0	30.8	
88	15.3	0.0	31.8	





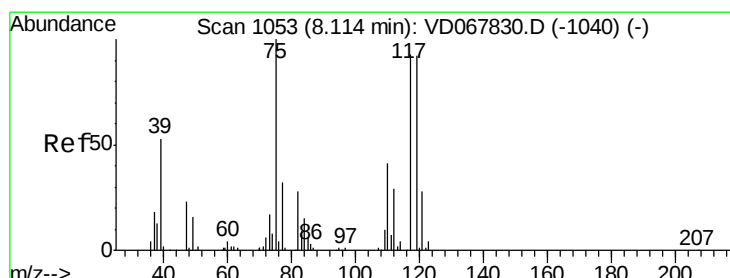
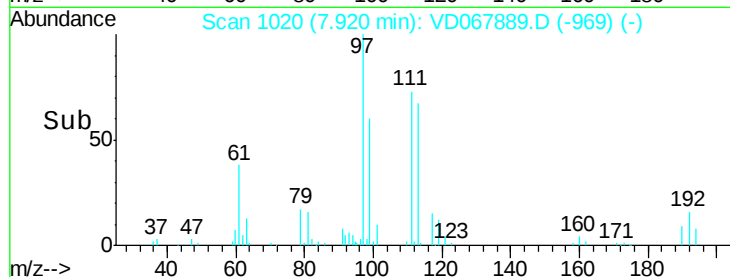
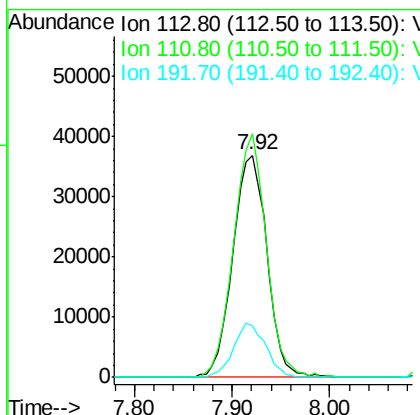
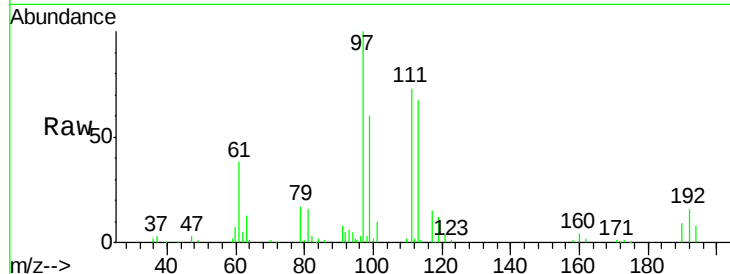
#35
 Dibromofluoromethane
 Concen: 47.378 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.2	121.8
192	23.0	16.8	25.2

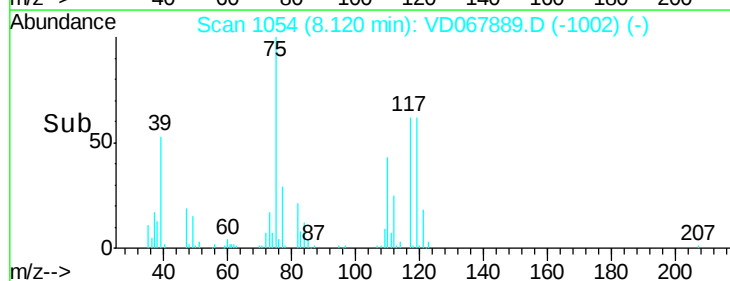
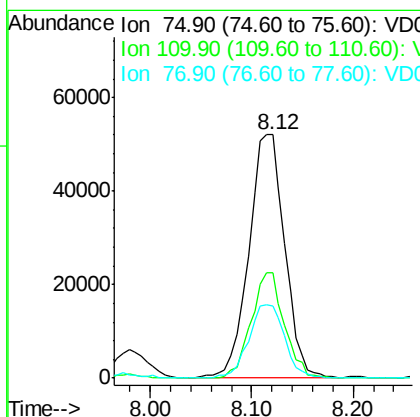
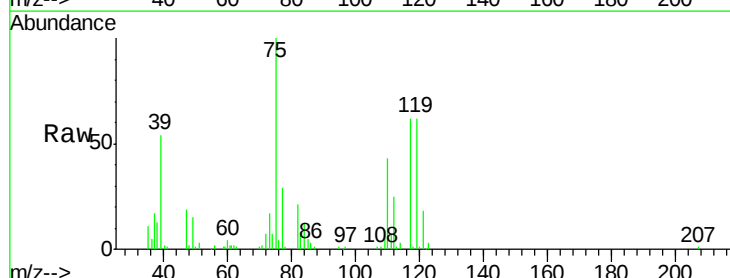
Manual Integrations
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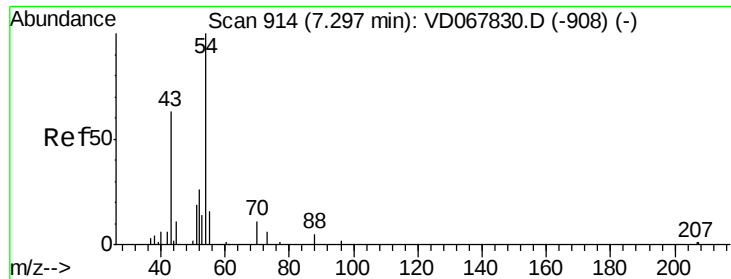
MMDadoda
 12/8/2020 5:05:39 PM



#36
 1,1-Dichloropropene
 Concen: 51.845 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	20.3	61.0
77	30.2	24.7	37.1





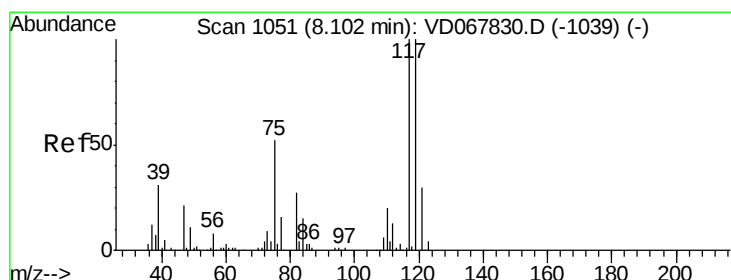
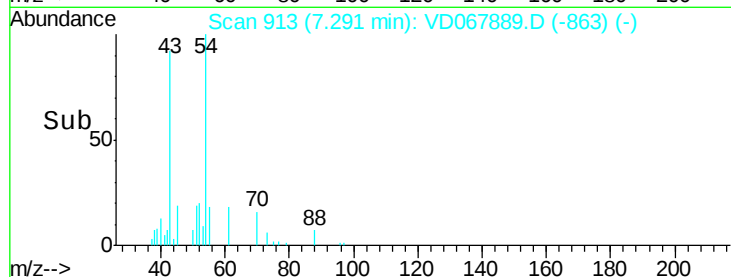
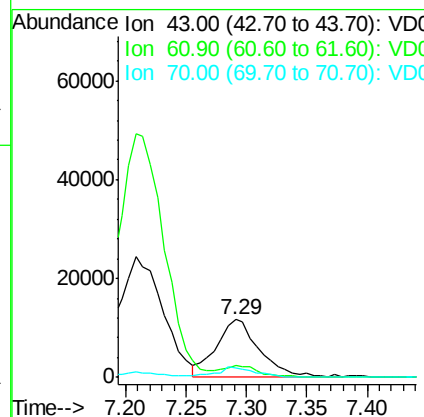
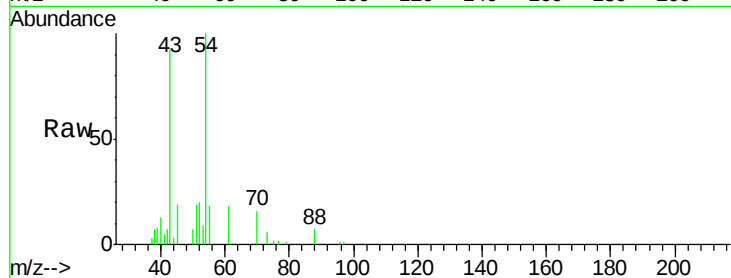
#37
Ethyl Acetate
Concen: 44.078 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.8	11.4	17.2
70	16.2	11.5	17.3

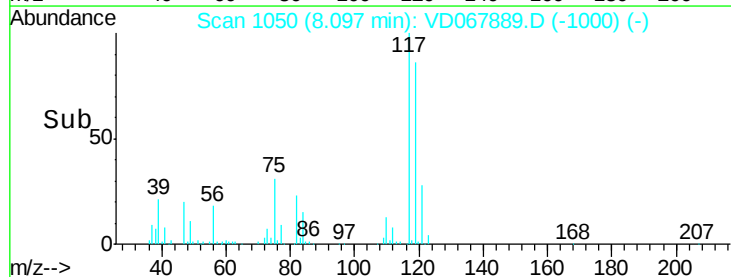
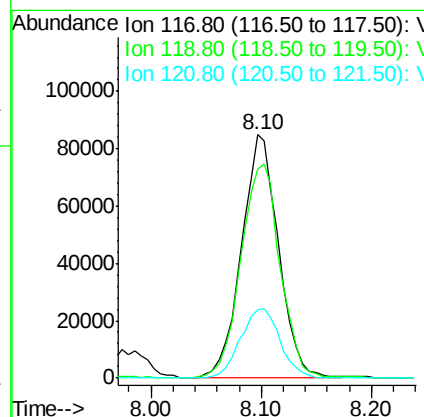
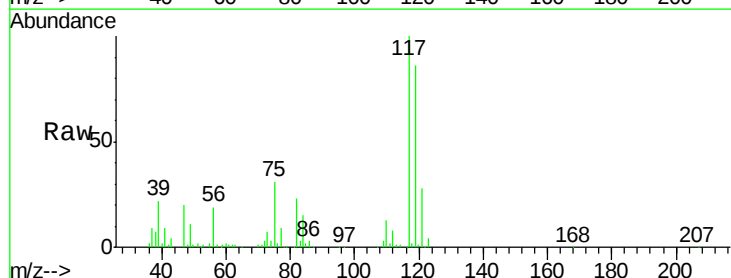
Manual Integrations
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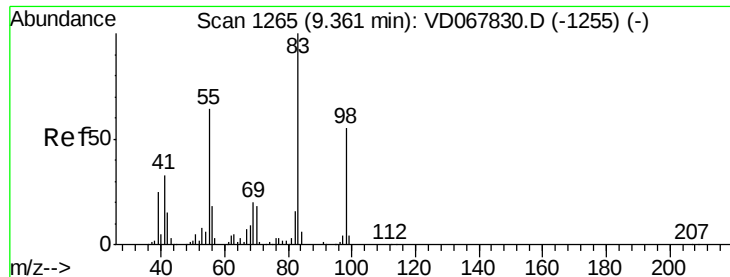
MMDadoda
12/8/2020 5:05:39 PM



#38
Carbon Tetrachloride
Concen: 53.057 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.7	79.7	119.5
121	28.0	23.8	35.6





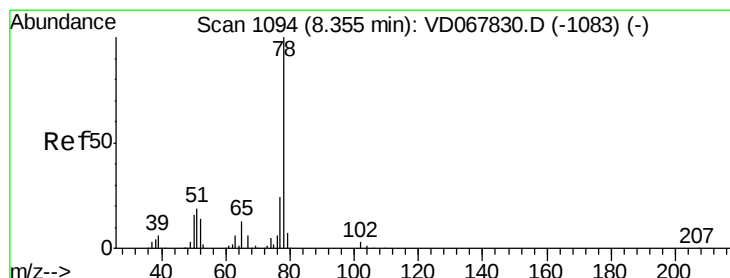
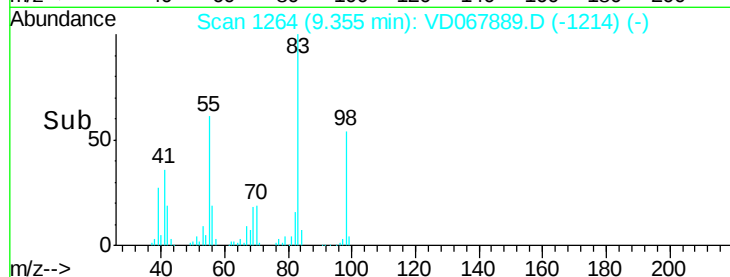
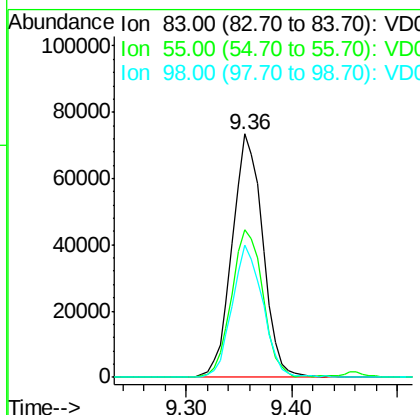
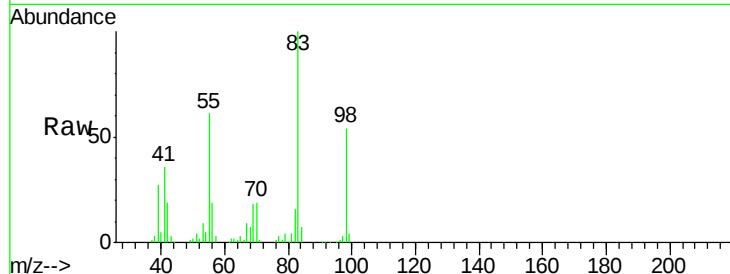
#39
Methvlcvclohexane
Concen: 50.470 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	60.7	51.6	77.4
98	54.5	44.3	66.5

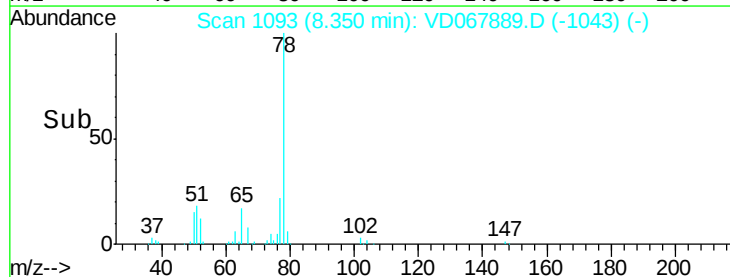
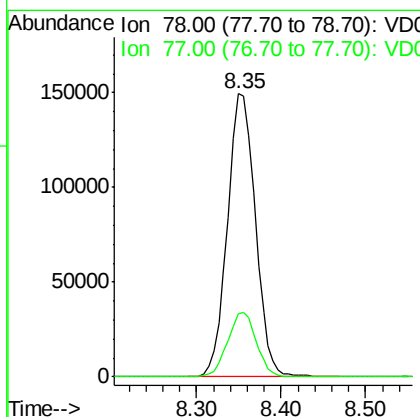
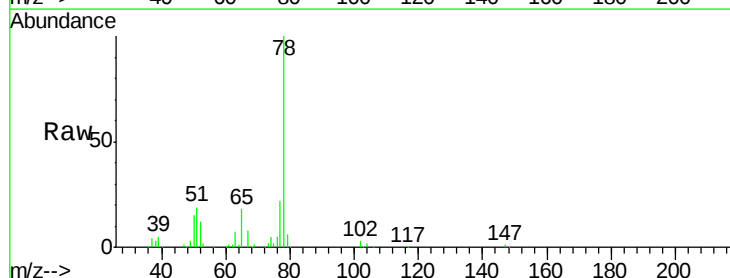
Manual Integrations
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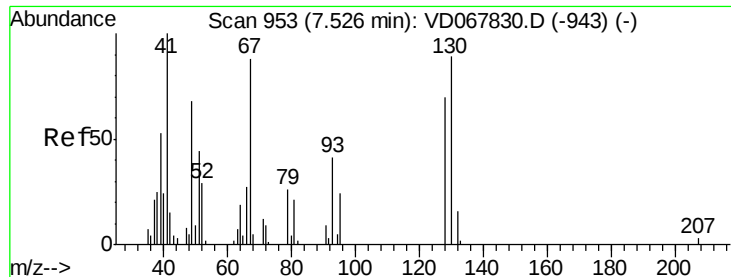
MMDadoda
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#40
Benzene
Concen: 50.688 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7





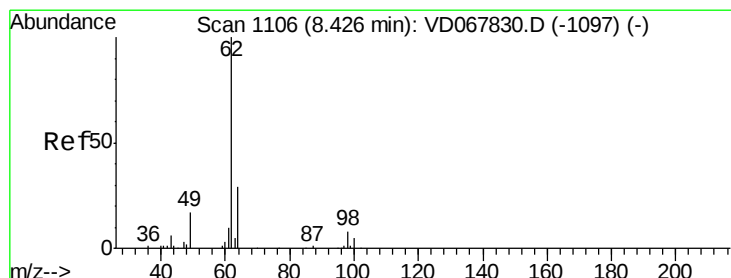
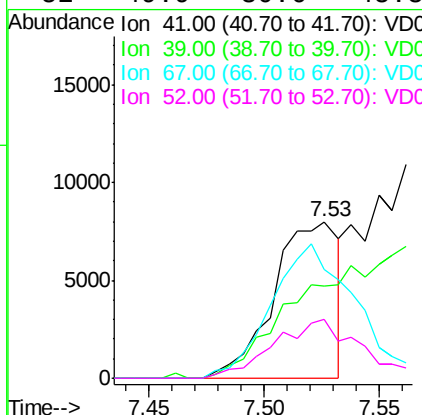
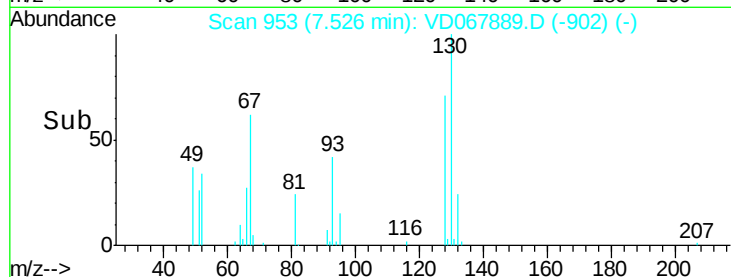
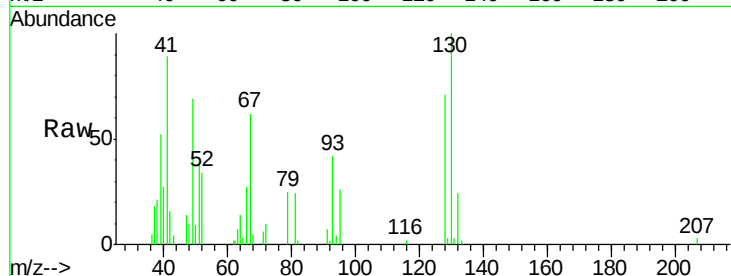
#41
Methacrylonitrile
Concen: 49.824 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.1	63.1#
67	109.6	82.4	123.6
52	49.9	30.6	45.8#

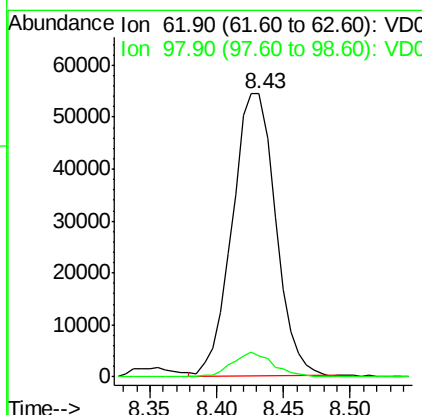
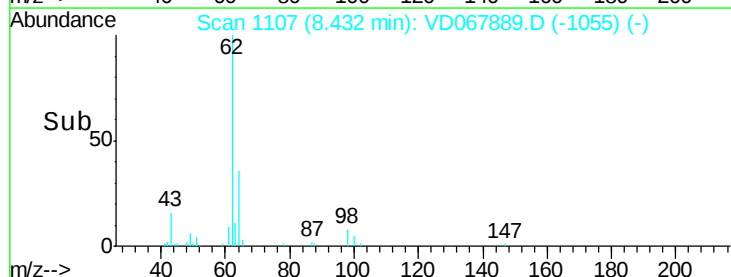
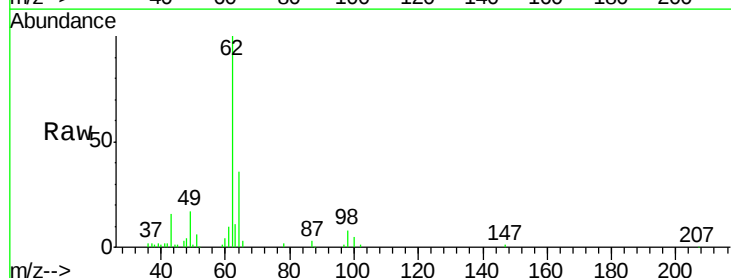
Manual Integrations
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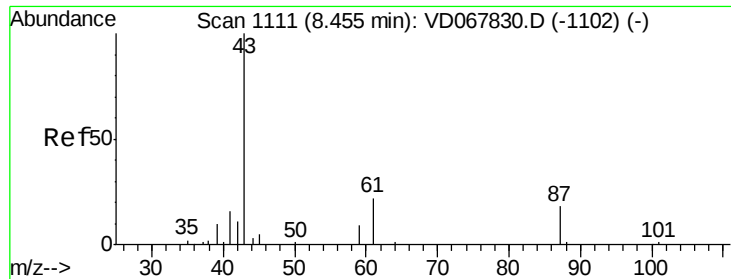
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.096 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

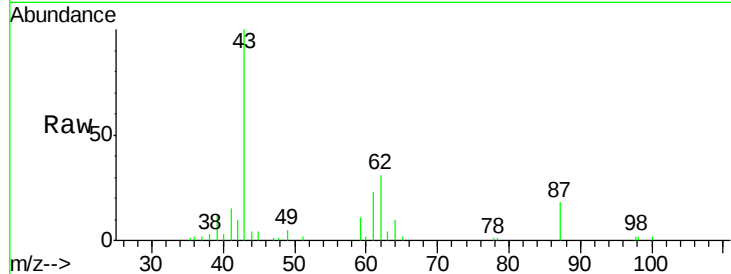
Isopropyl Acetate
 Concen: 45.837 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

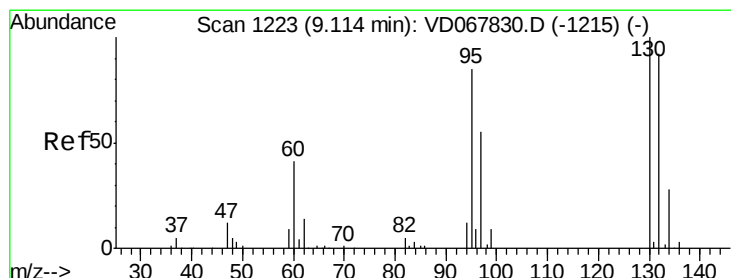
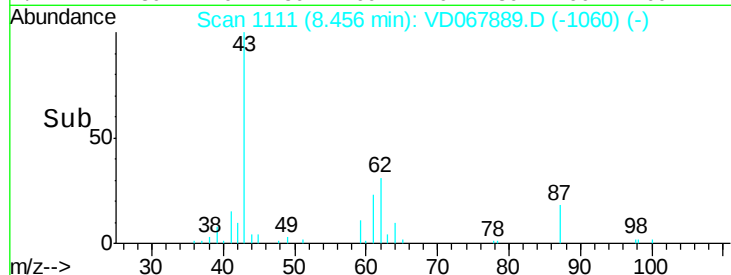
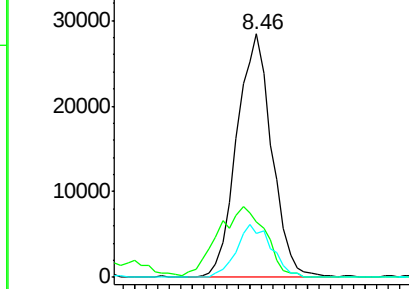
Tot Ion	Ratio	Lower	Upper
43	100		
61	39.9	30.4	45.6
87	21.5	16.2	24.2

Manual Integrations
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MMDadoda
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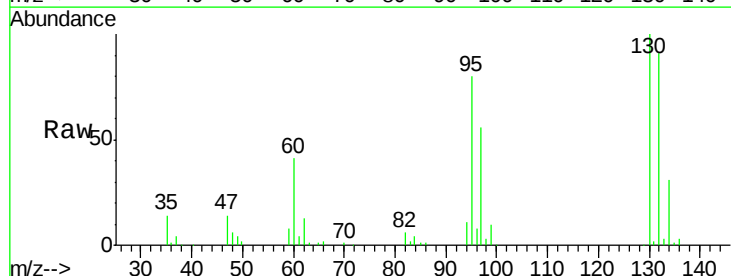
Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 61.00 (60.70 to 61.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC



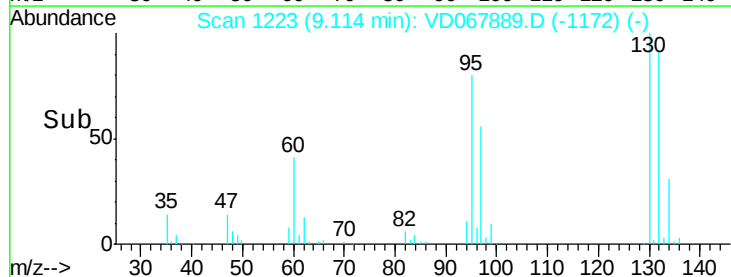
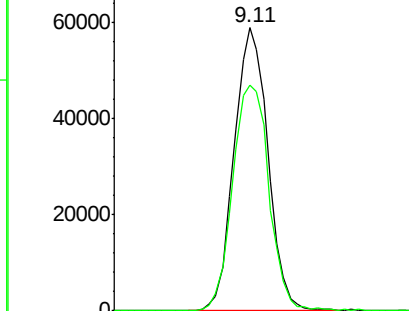
#44

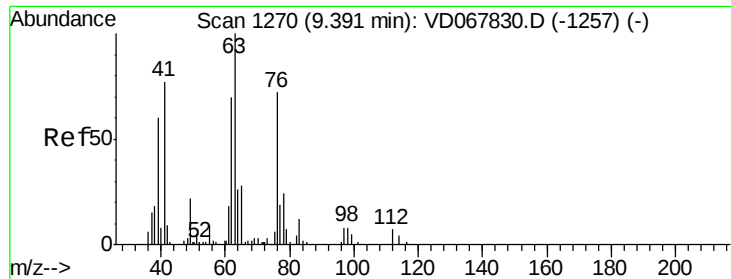
Trichloroethene
 Concen: 51.762 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	79.7	0.0	170.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 47.526 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 65731

Ion Ratio Lower Upper

63 100

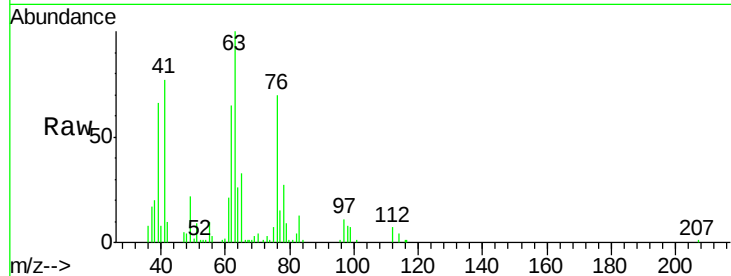
65 32.9 22.8 34.2

Manual Integrations

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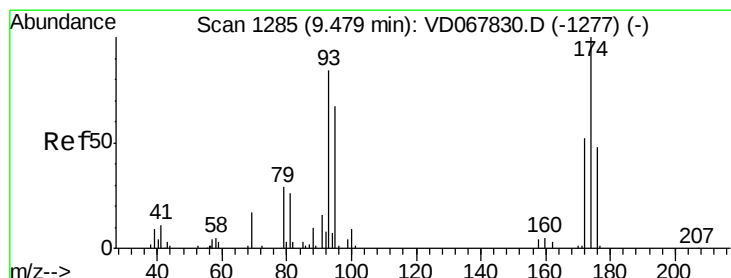
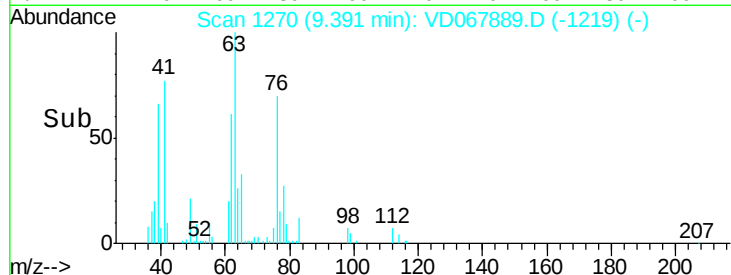
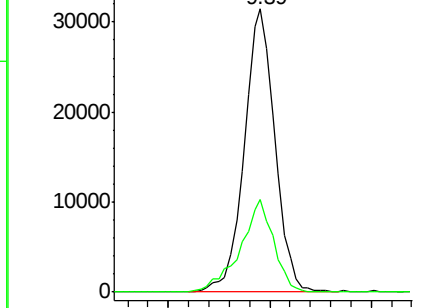
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 48.823 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

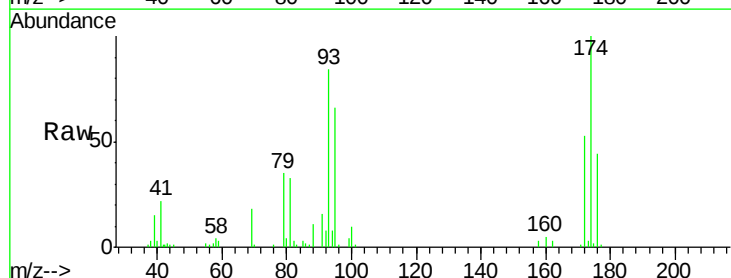
Tgt Ion: 93 Resp: 46948

Ion Ratio Lower Upper

93 100

95 82.4 64.2 96.4

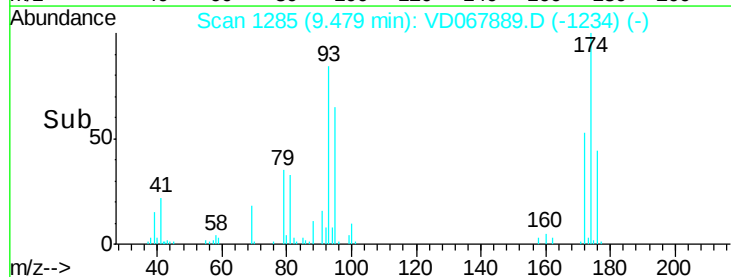
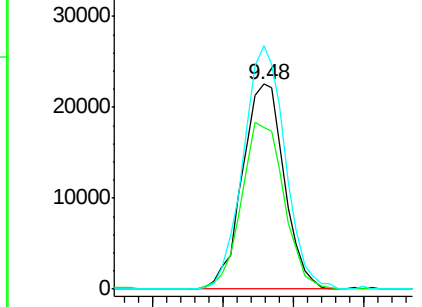
174 118.4 91.5 137.3

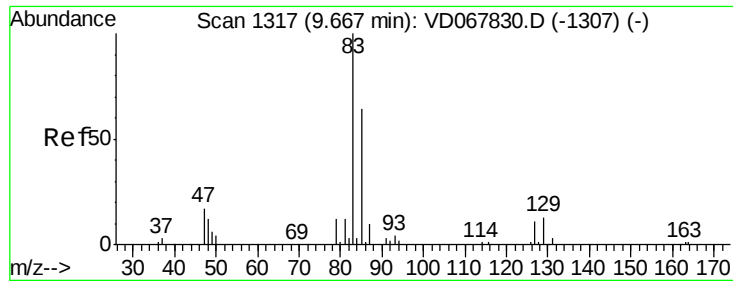


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





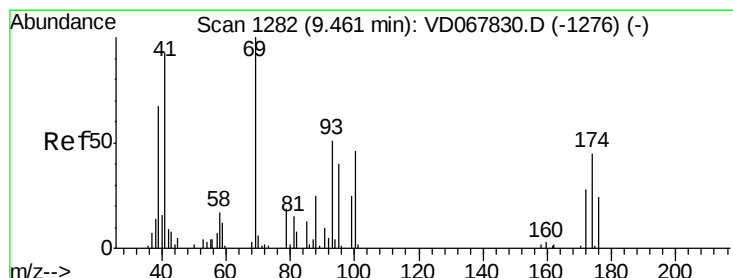
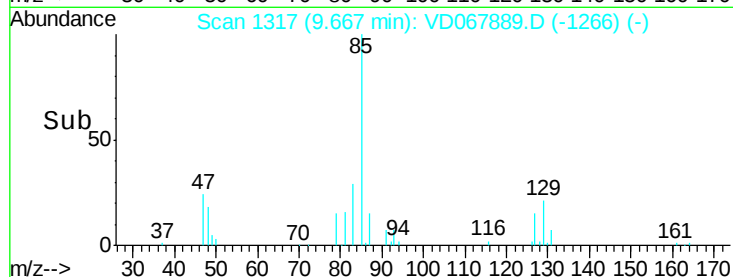
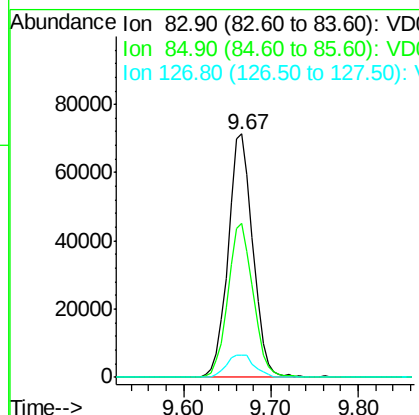
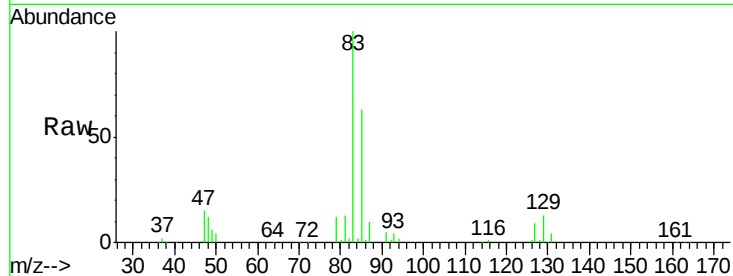
#47
Bromodichloromethane
Concen: 50.388 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	138133		
85	63.1	51.4	77.0	
127	9.3	8.5	12.7	

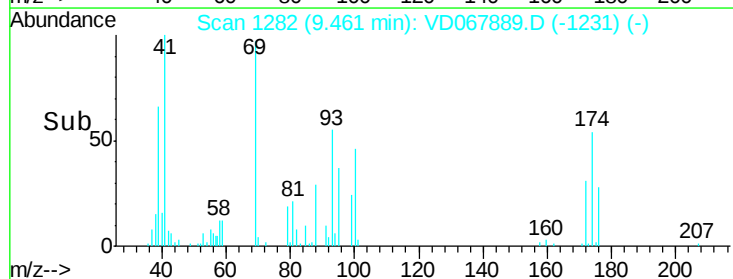
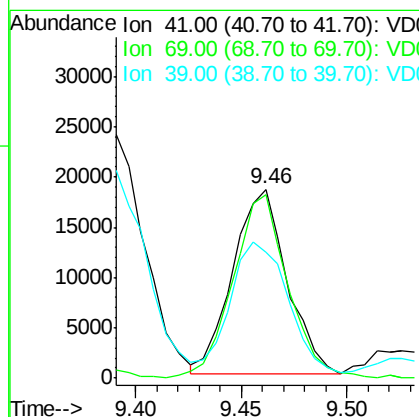
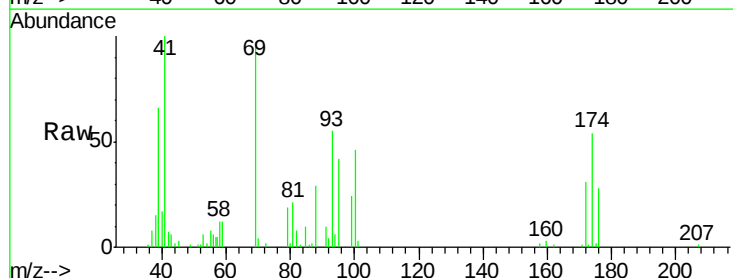
Manual Integrations
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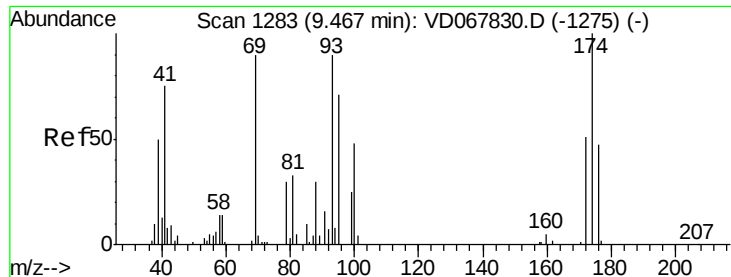
MMDadoda
12/8/2020 5:05:39 PM



#48
Methyl methacrylate
Concen: 49.069 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	32540		
69	101.2	87.6	131.4	
39	75.6	61.2	91.8	





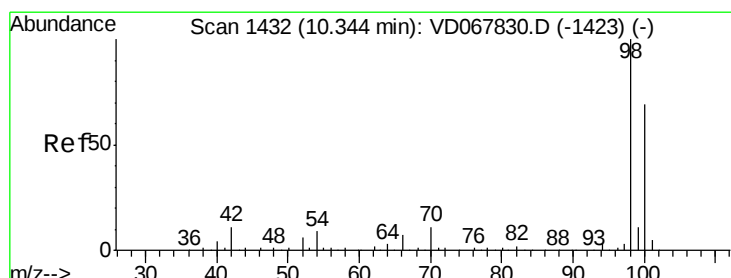
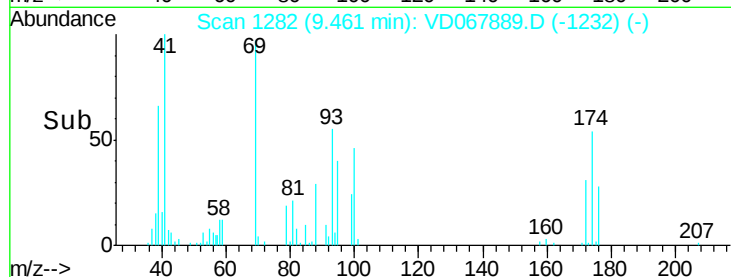
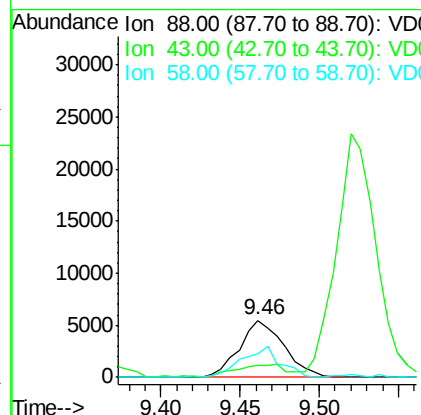
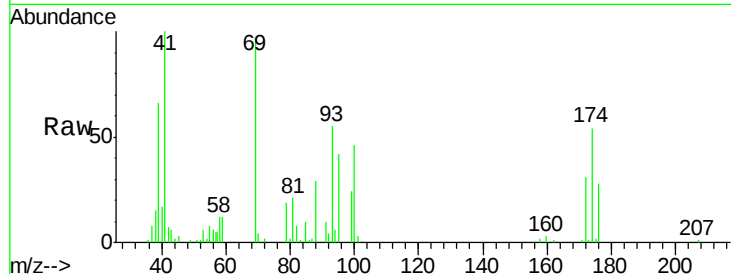
#49
1,4-Dioxane
Concen: 962.891 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 10580
Ion Ratio Lower Upper
88 100
43 25.6 30.1 45.1#
58 47.4 42.4 63.6

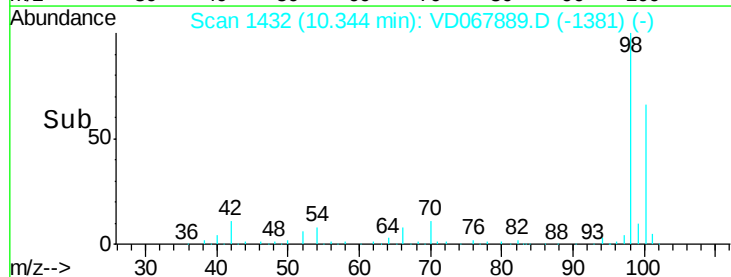
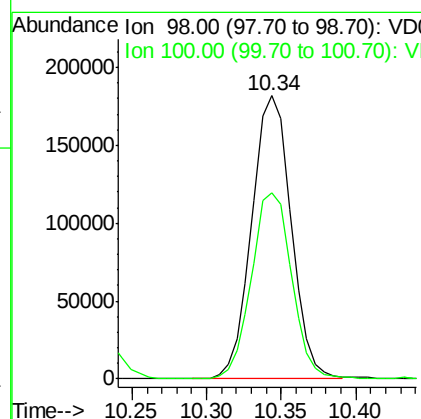
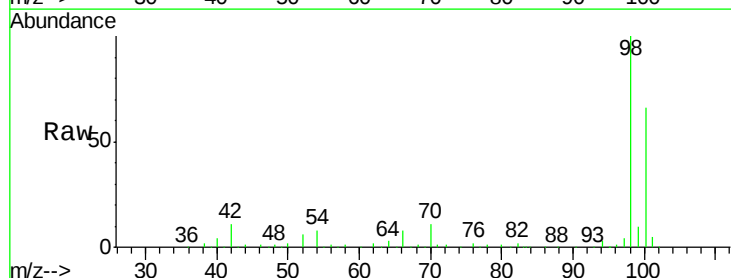
Manual Integrations
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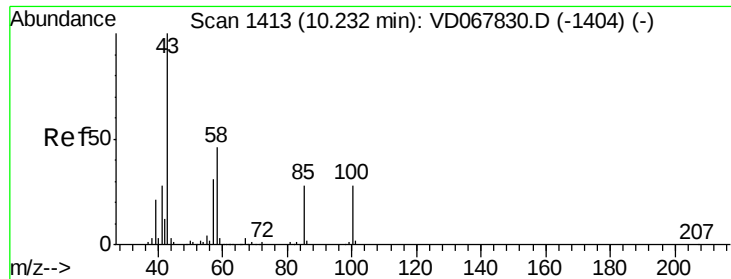
MMDadoda
12/8/2020 5:05:39 PM



#50
Toluene-d8
Concen: 48.452 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 98 Resp: 332011
Ion Ratio Lower Upper
98 100
100 67.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 231.611 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 143157

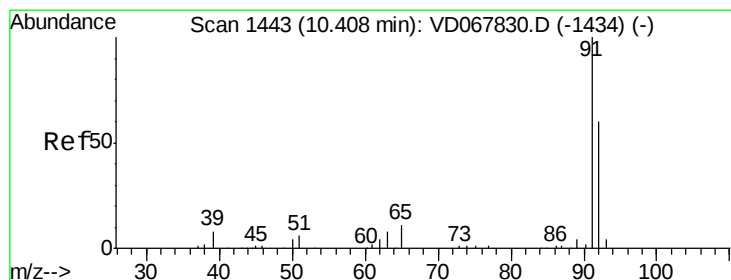
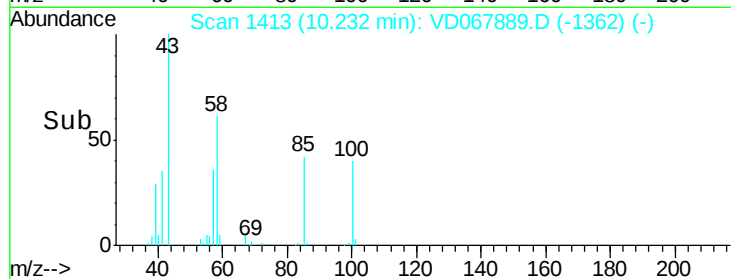
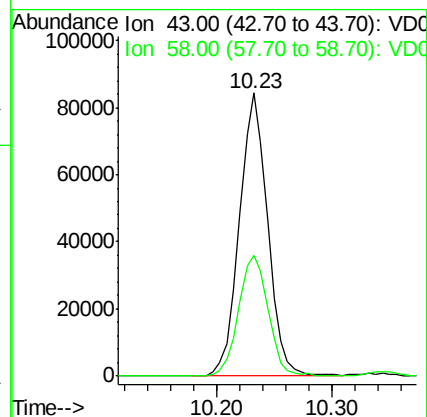
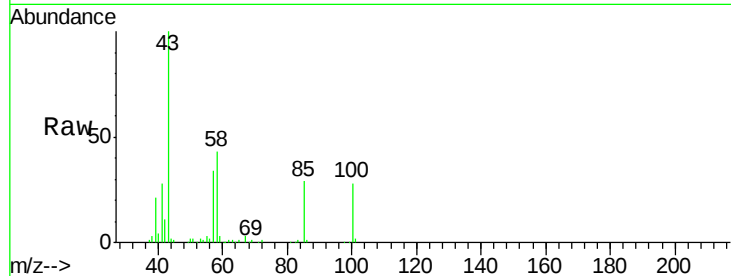
Ion Ratio Lower Upper

43 100

58 44.5 35.7 53.5

Manual Integrations
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12/8/2020 5:05:39 PM



#52

Toluene

Concen: 50.710 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067889.D

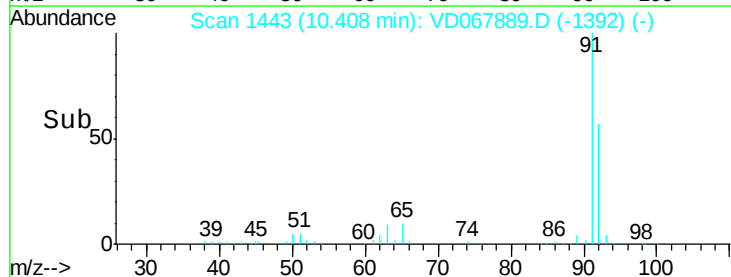
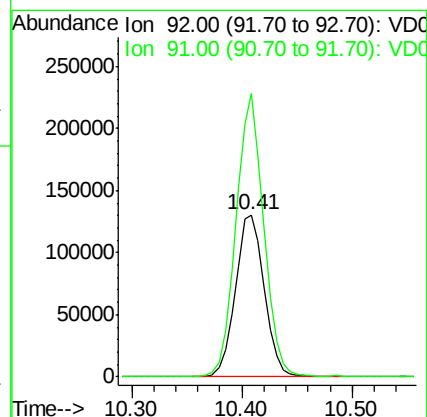
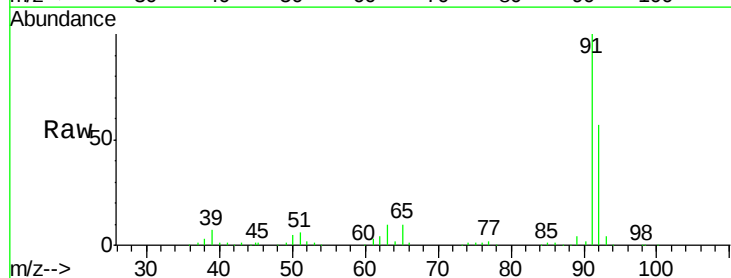
Acq: 07 Dec 2020 10:00

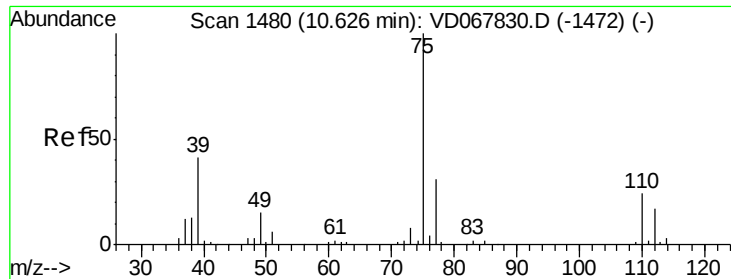
Tgt Ion: 92 Resp: 238907

Ion Ratio Lower Upper

92 100

91 167.5 134.2 201.2





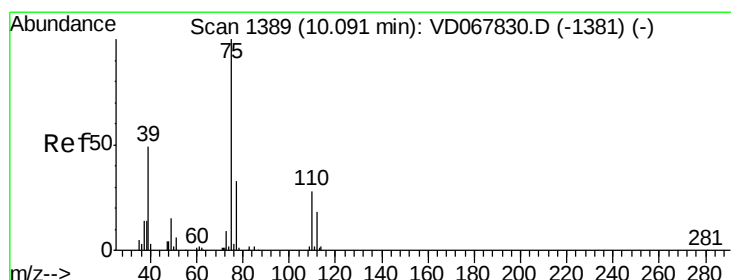
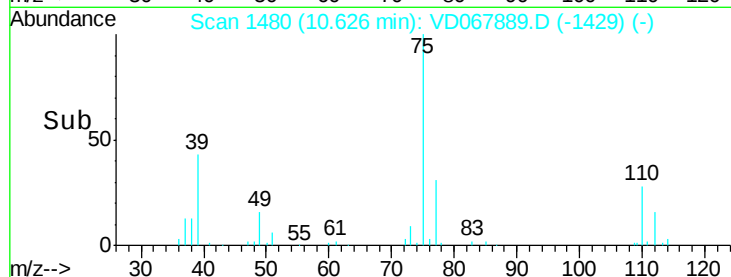
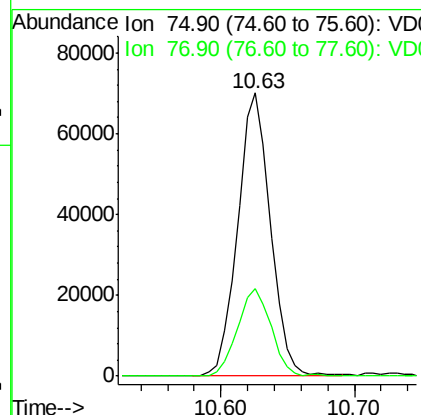
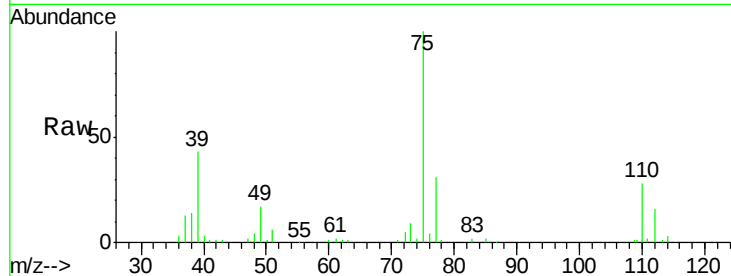
#53
 t-1,3-Dichloropropene
 Concen: 50.292 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	118996		
77	31.1	25.0	37.4	

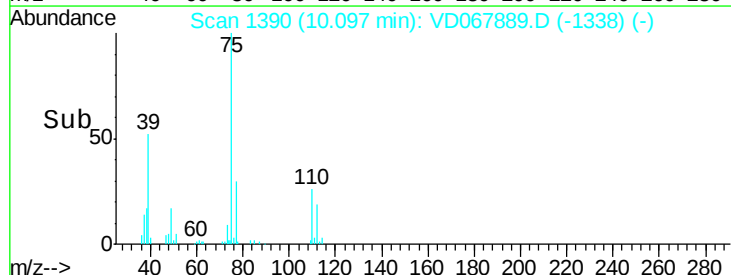
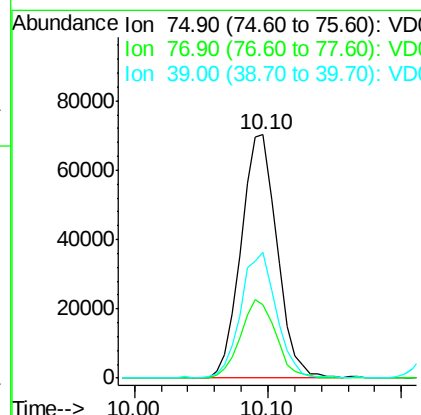
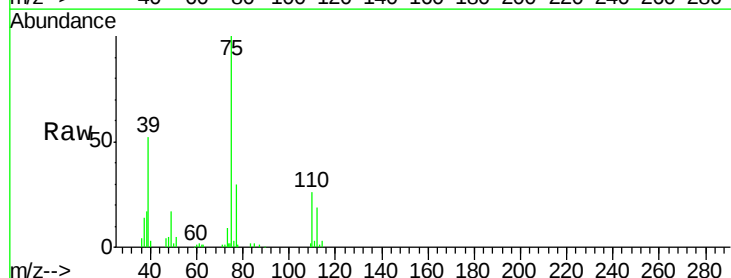
Manual Integrations
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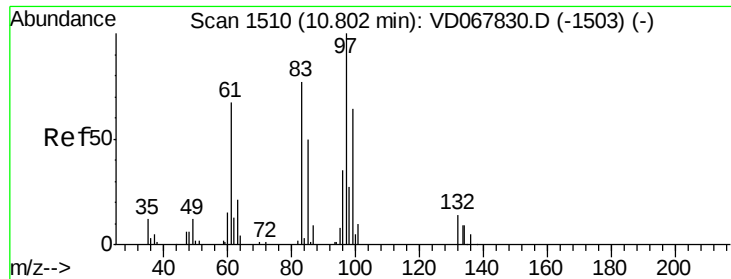
MMDadoda
 12/8/2020 5:05:39 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.013 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131293		
77	30.1	26.2	39.2	
39	52.0	39.0	58.4	





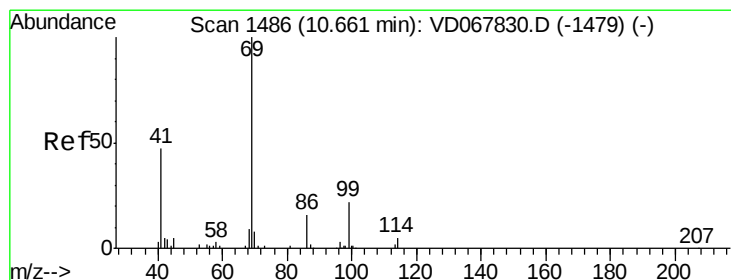
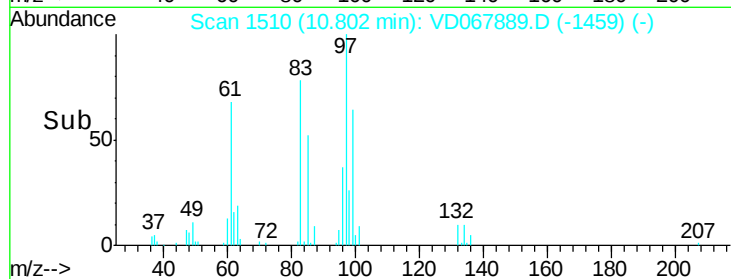
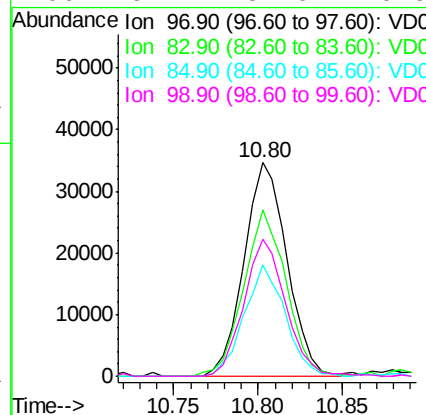
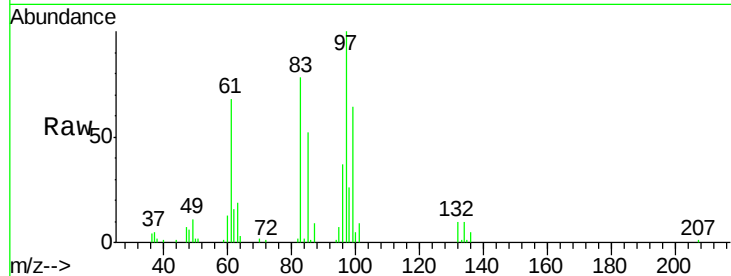
#55
 1,1,2-Trichloroethane
 Concen: 46.538 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	61242
Ion	Ratio	Lower	Upper
97	100		
83	78.1	61.9	92.9
85	52.2	40.2	60.4
99	64.1	51.0	76.6

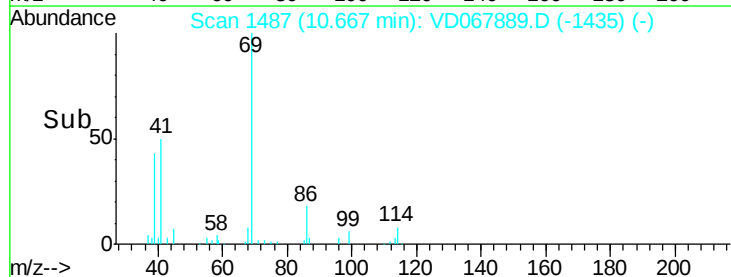
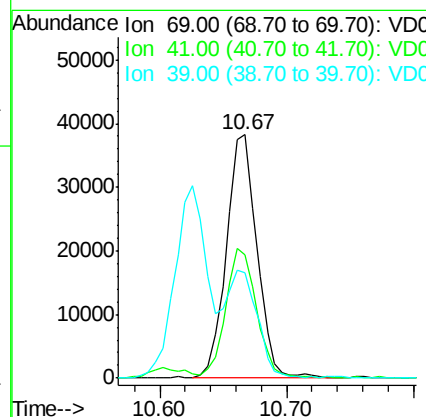
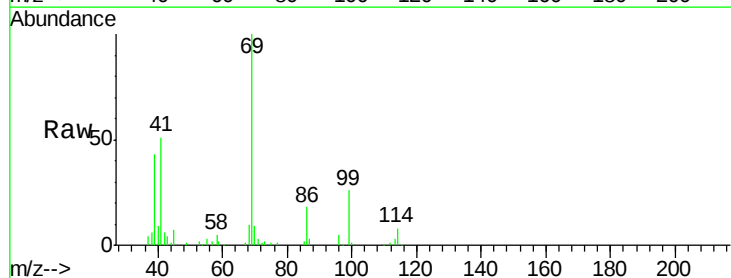
Manual Integrations
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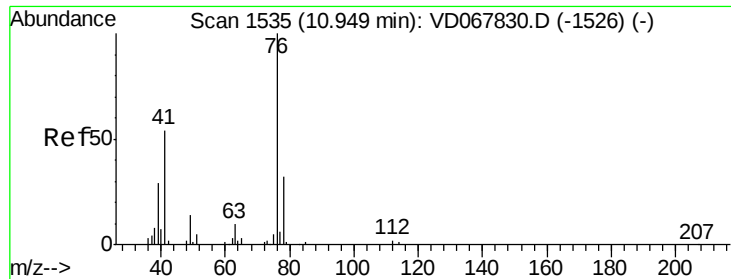
MMDadoda
 12/8/2020 5:05:39 PM



#56
 Ethyl methacrylate
 Concen: 47.699 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion:	69	Resp:	63865
Ion	Ratio	Lower	Upper
69	100		
41	53.8	42.8	64.2
39	40.9	30.5	45.7





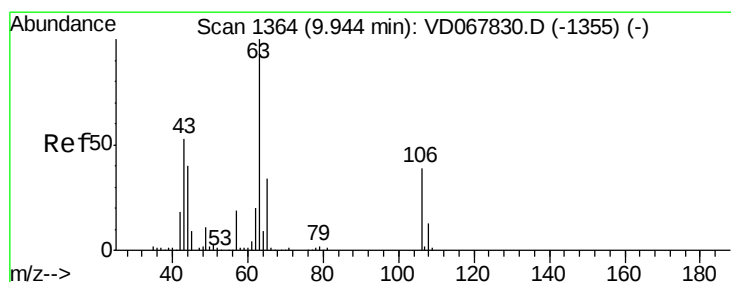
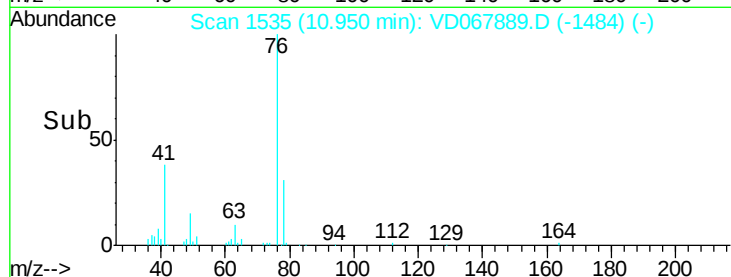
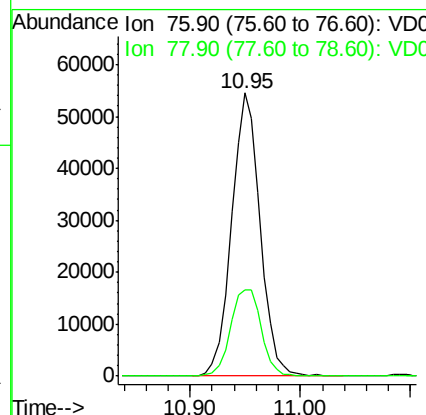
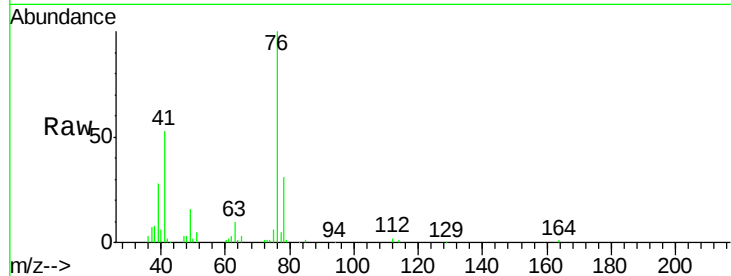
#57
 1,3-Dichloropropane
 Concen: 47.159 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 98305
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.6 39.8

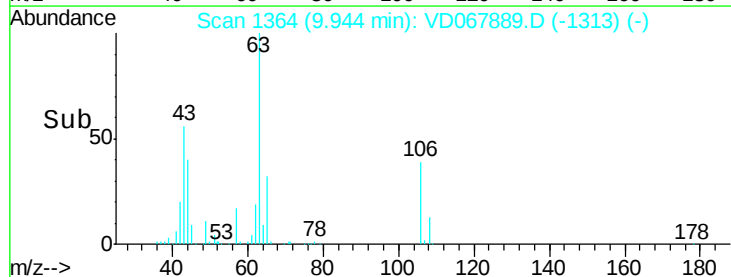
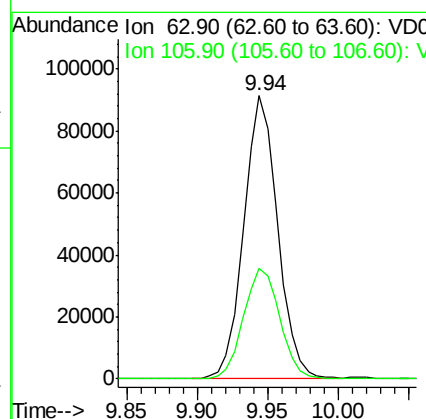
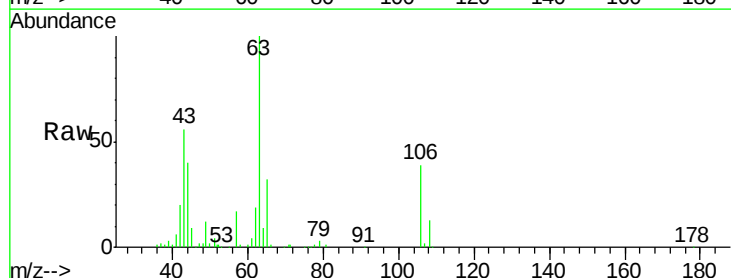
Manual Integrations
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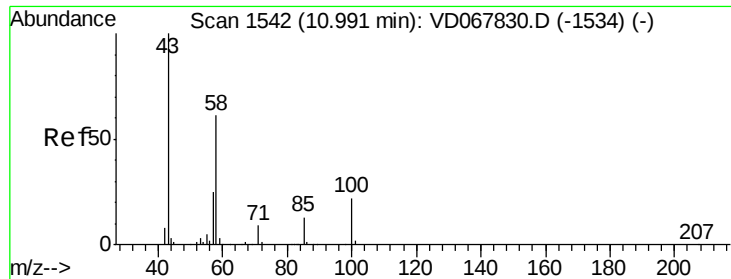
MMDadoda
 12/8/2020 5:05:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.104 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion: 63 Resp: 153596
 Ion Ratio Lower Upper
 63 100
 106 41.9 32.0 48.0





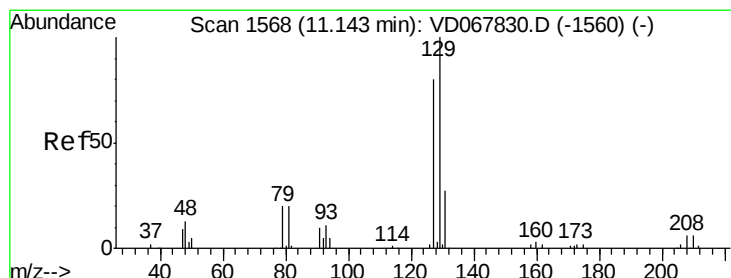
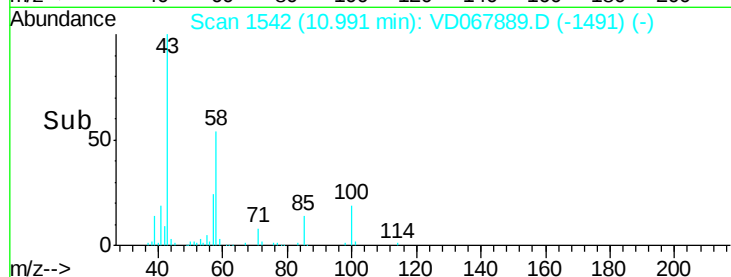
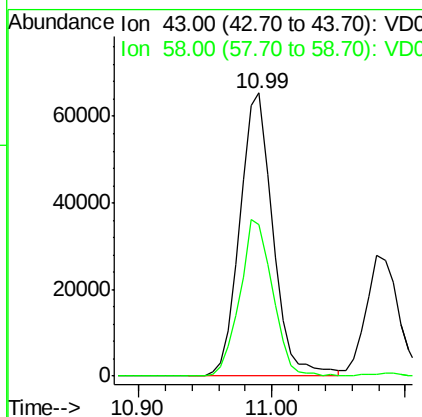
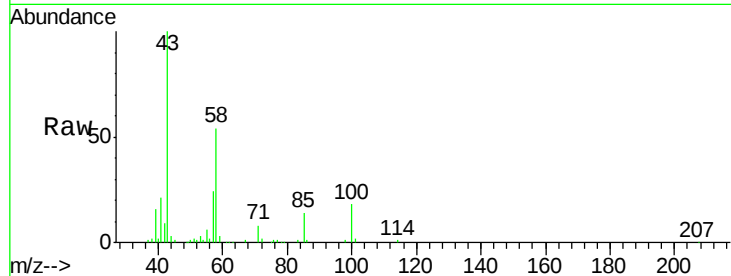
#59
2-Hexanone
Concen: 256.723 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 111860
Ion Ratio Lower Upper
43 100
58 54.9 29.9 89.7

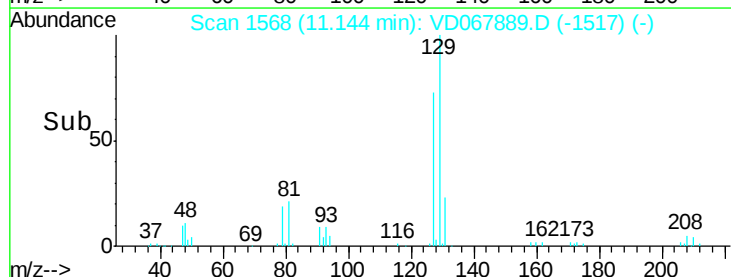
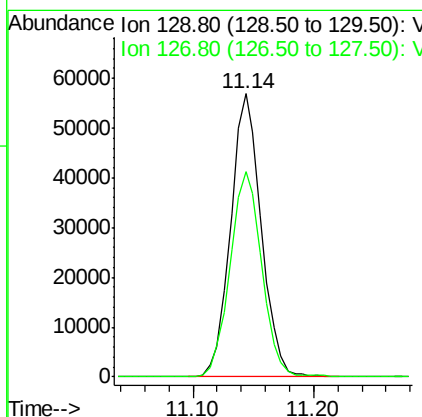
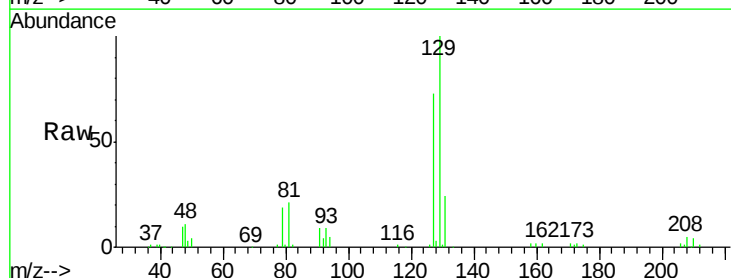
Manual Integrations
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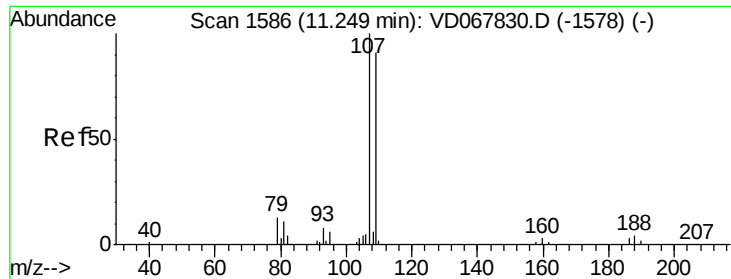
MMDadoda
12/8/2020 5:05:39 PM



#60
Dibromochloromethane
Concen: 50.431 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 129 Resp: 100040
Ion Ratio Lower Upper
129 100
127 75.0 39.2 117.6





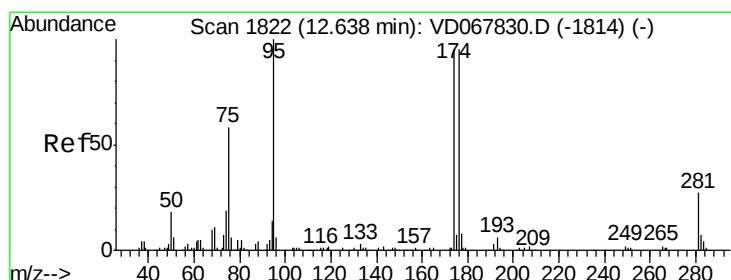
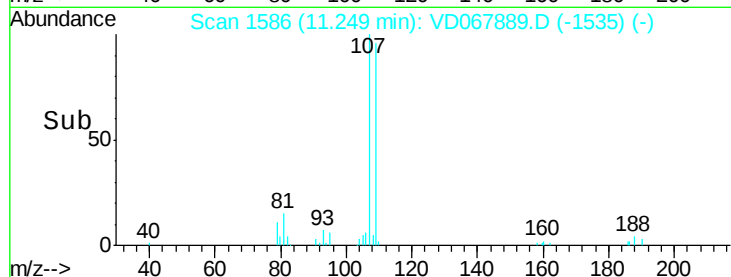
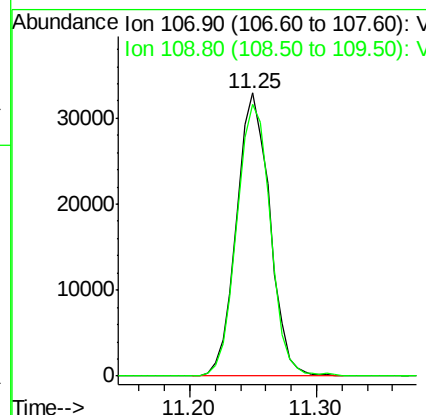
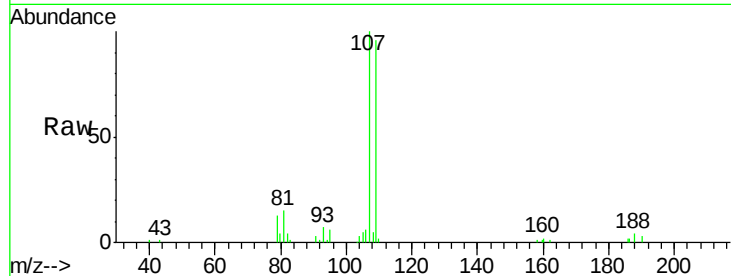
#61
 1,2-Dibromoethane
 Concen: 46.168 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 59746
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.9 113.9

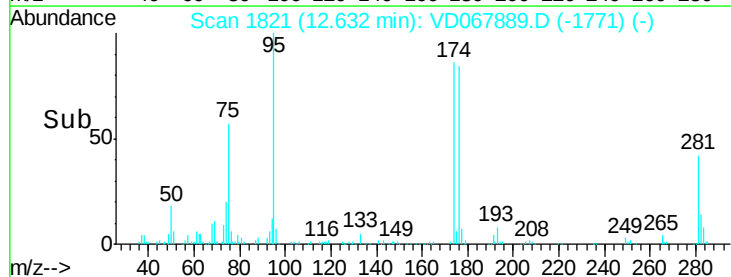
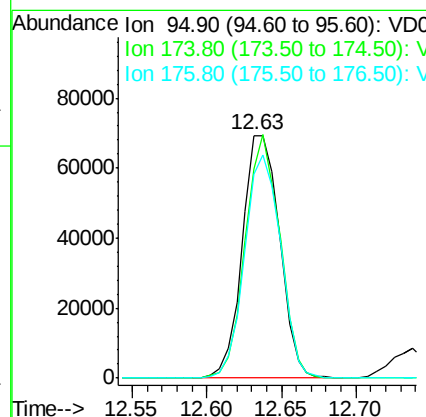
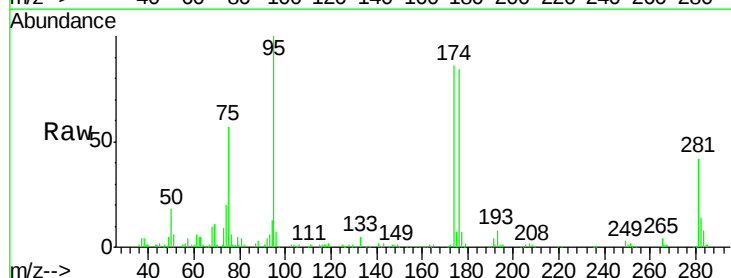
Manual Integrations
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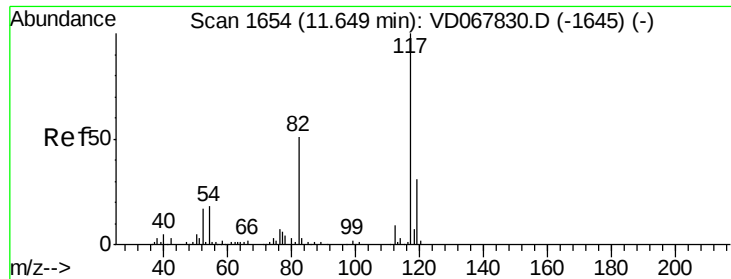
MMDadoda
 12/8/2020 5:05:39 PM



#62
 4-Bromofluorobenzene
 Concen: 50.619 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion: 95 Resp: 119920
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 186.0
 176 88.9 0.0 184.2





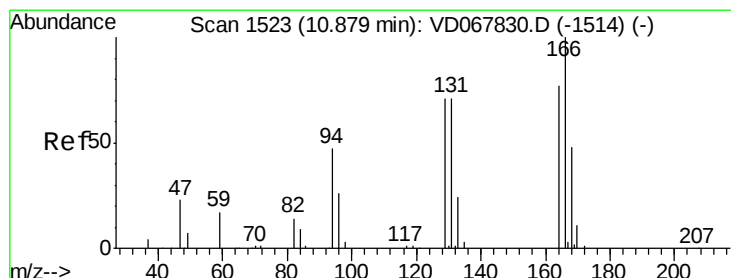
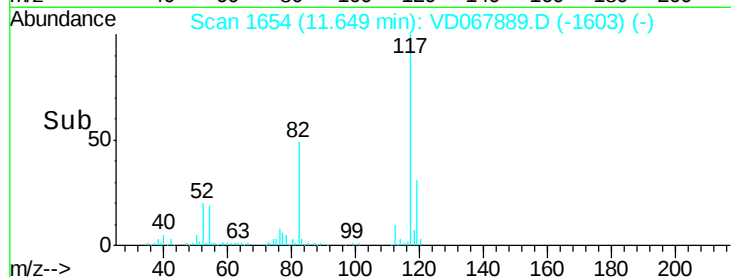
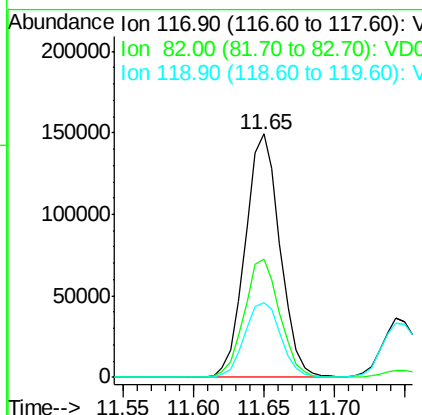
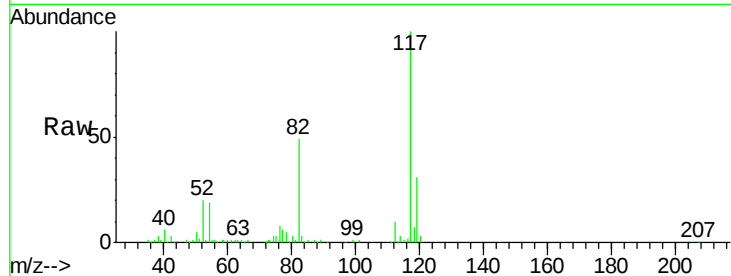
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	40.6	60.8
119	30.7	25.1	37.7

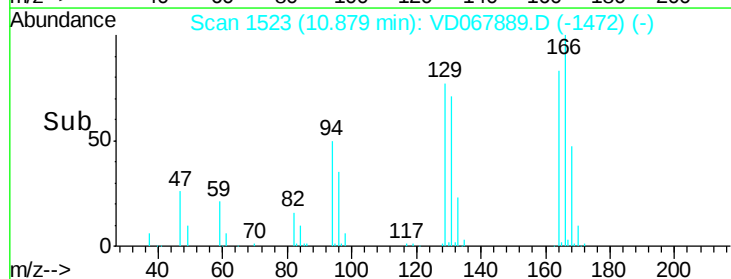
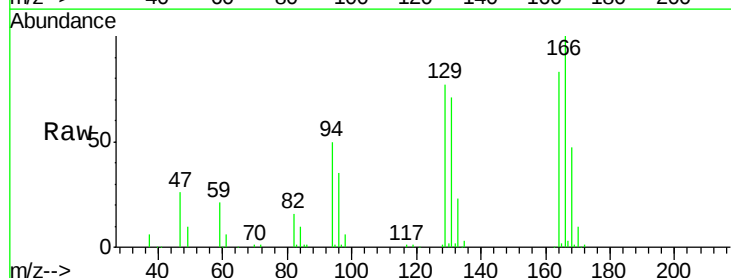
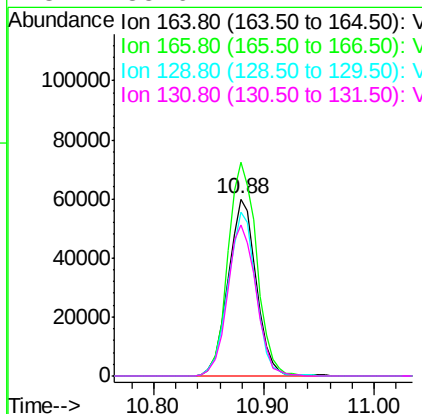
Manual Integrations
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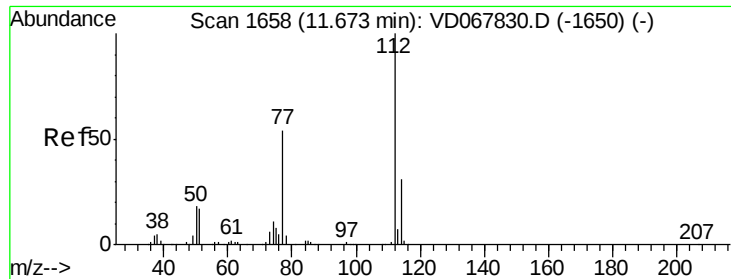
MMDadoda
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#64
Tetrachloroethene
Concen: 50.808 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.8	103.8	155.6
129	92.5	73.3	109.9
131	85.6	74.1	111.1





#65

Chlorobenzene

Concen: 51.057 ug/l

RT: 11.68 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 271842

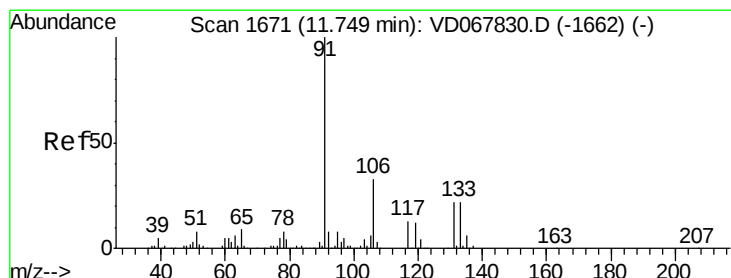
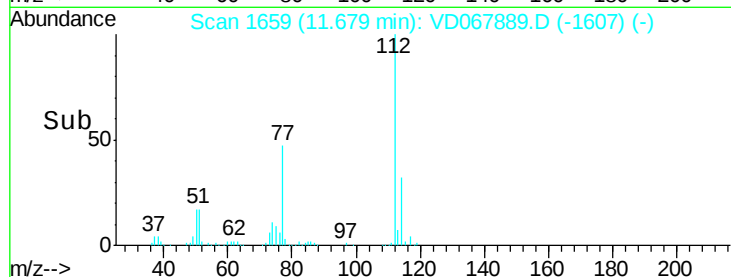
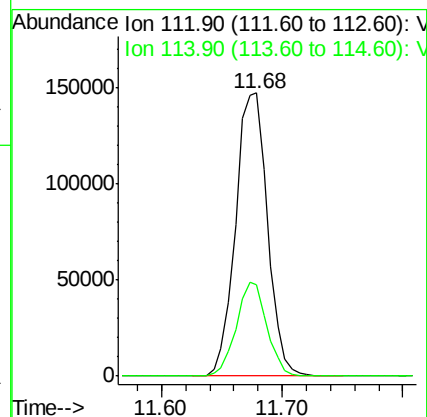
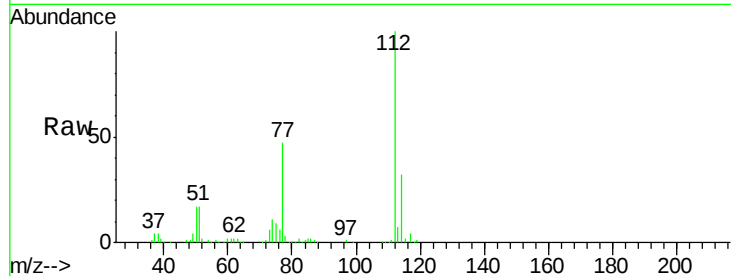
Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.977 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

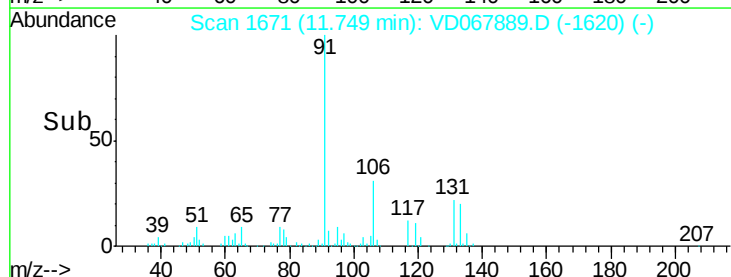
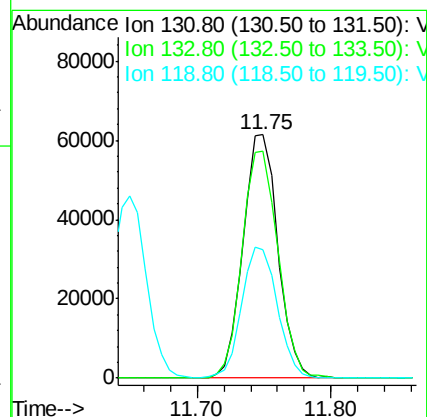
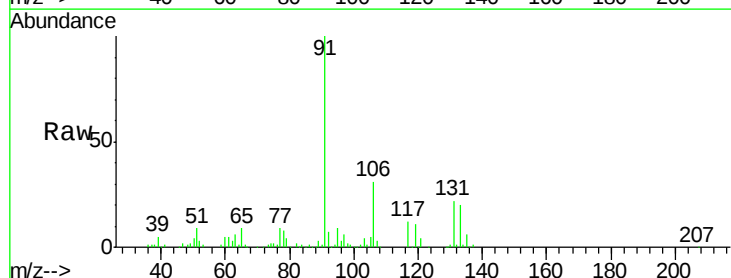
Tgt Ion:131 Resp: 110701

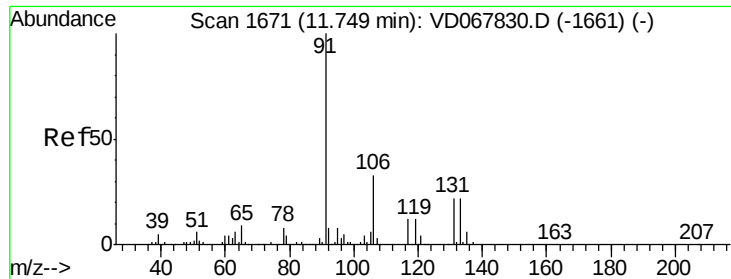
Ion Ratio Lower Upper

131 100

133 96.1 49.9 149.7

119 55.0 29.6 88.9





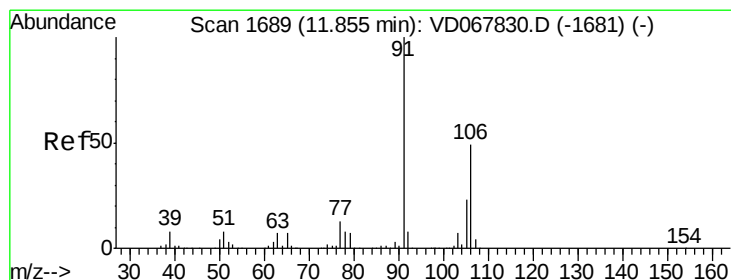
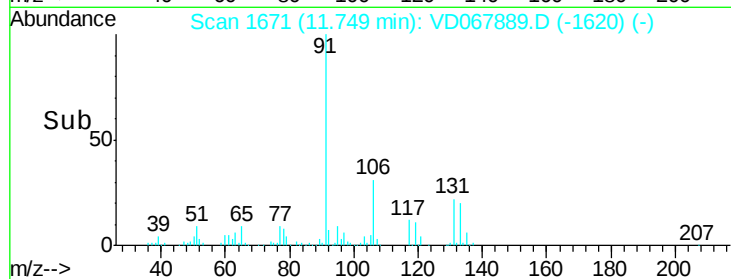
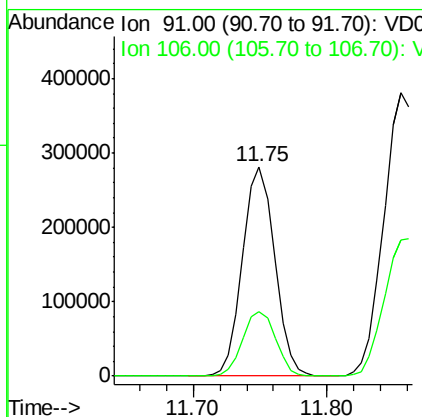
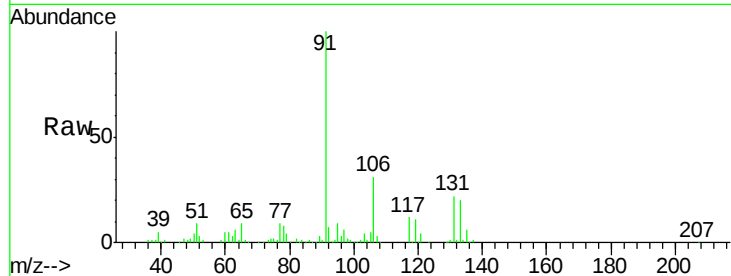
#67
Ethyl Benzene
Concen: 52.030 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 471906
Ion Ratio Lower Upper
91 100
106 31.1 26.2 39.2

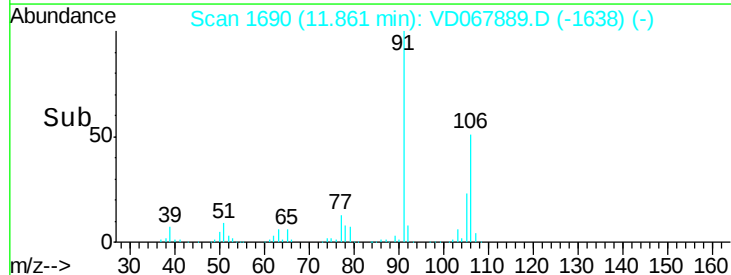
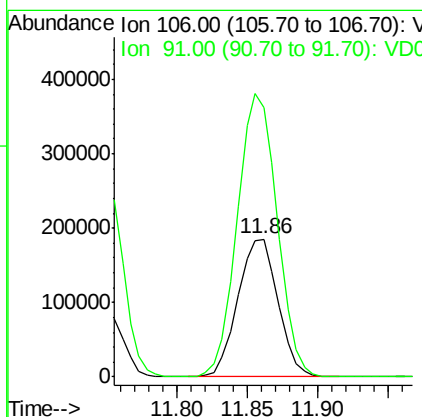
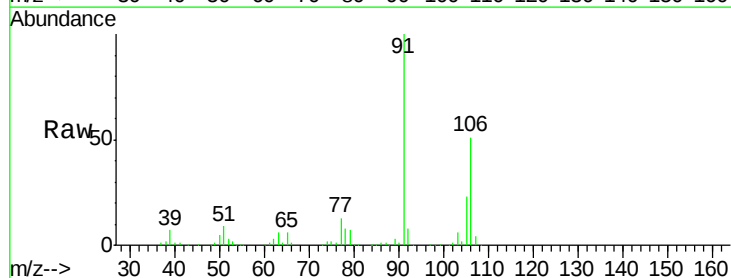
Manual Integrations
APPROVED

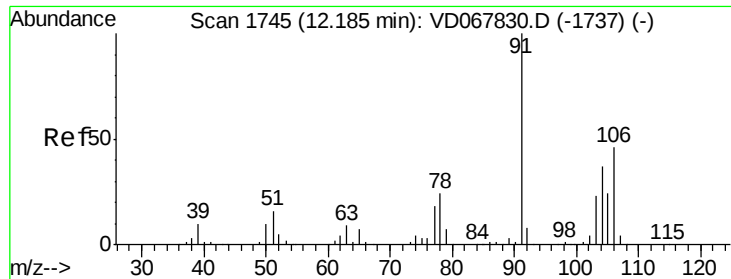
MMDadoda
12/8/2020 5:05:39 PM



#68
m/p-Xylenes
Concen: 103.161 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion: 106 Resp: 368938
Ion Ratio Lower Upper
106 100
91 204.2 162.8 244.2





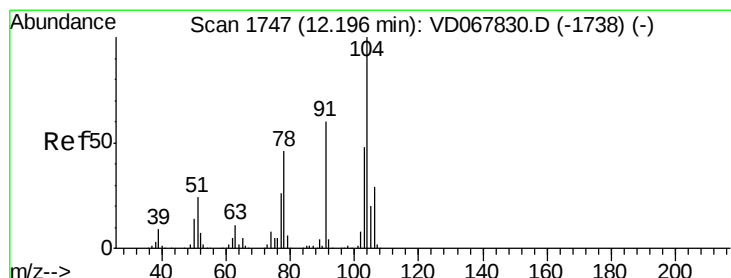
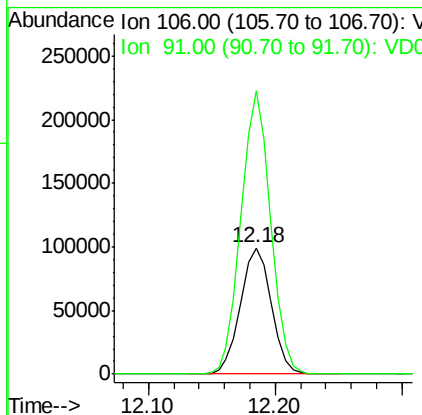
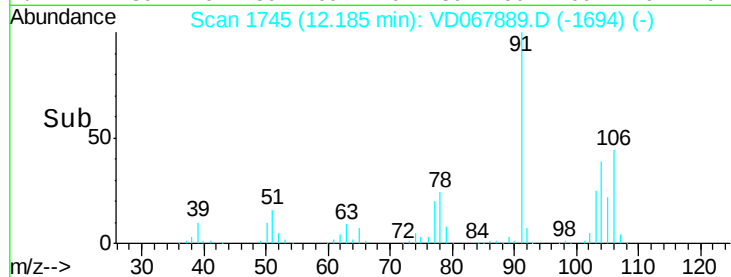
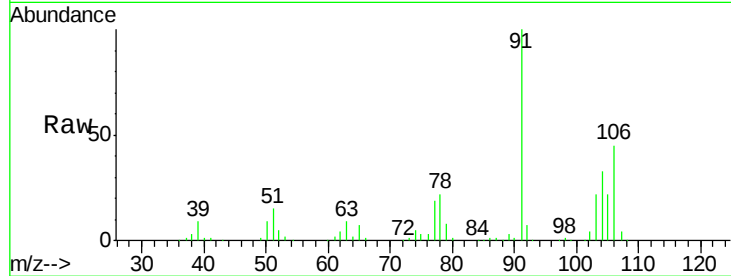
#69
o-Xylene
Concen: 53.022 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 168342
Ion Ratio Lower Upper
106 100
91 214.5 107.5 322.5

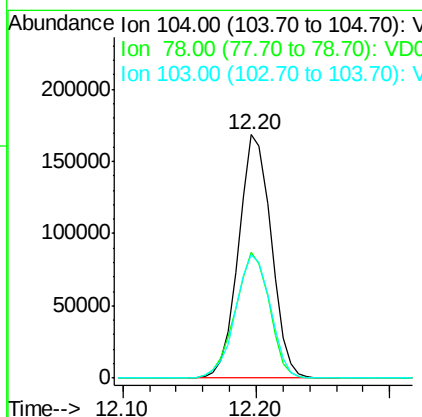
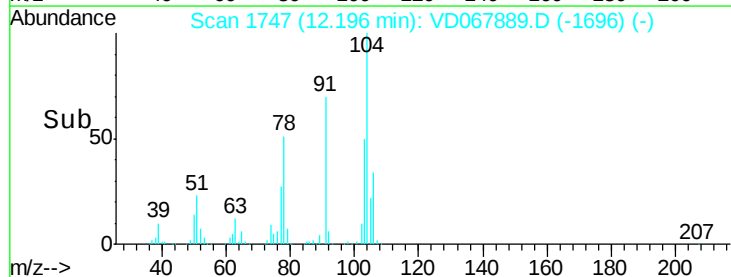
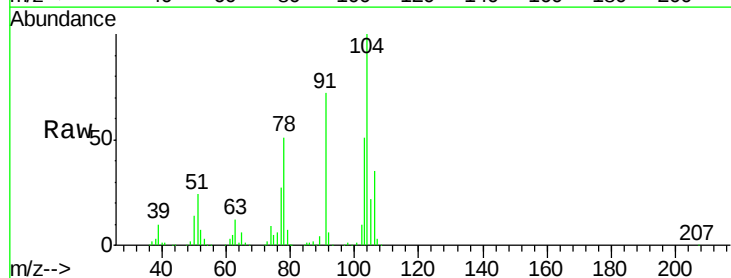
Manual Integrations
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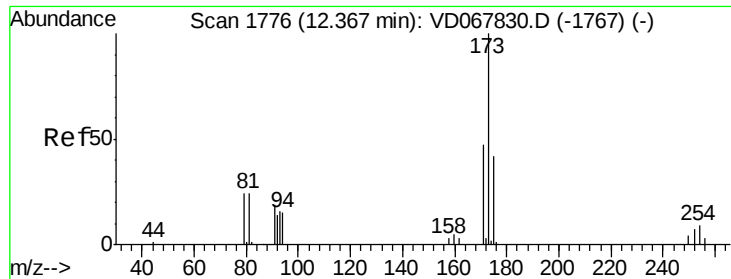
MMDadoda
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#70
Styrene
Concen: 51.673 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion:104 Resp: 285279
Ion Ratio Lower Upper
104 100
78 54.1 41.6 62.4
103 54.3 43.2 64.8





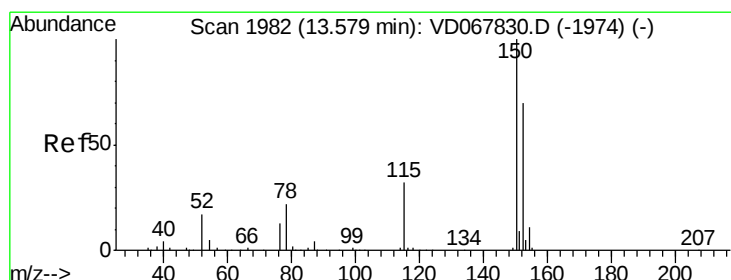
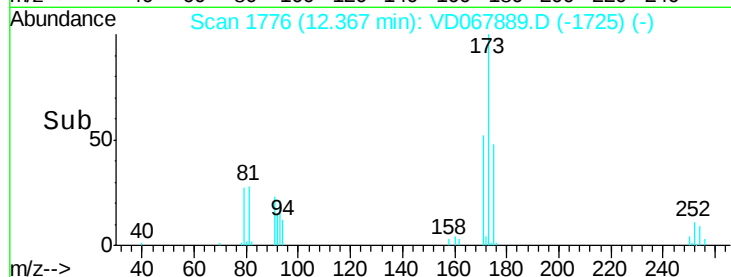
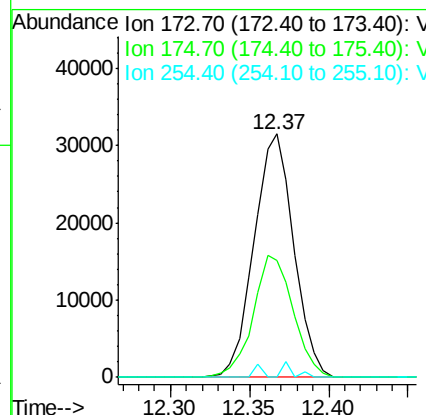
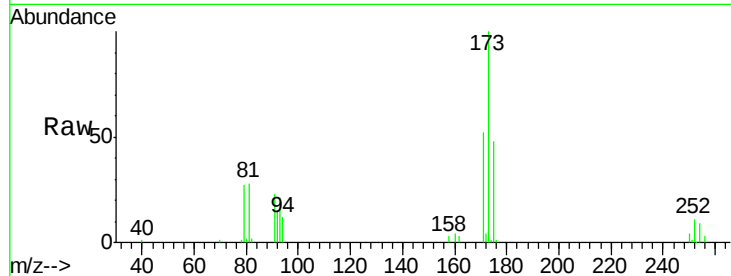
#71
Bromoform
Concen: 47.774 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	23.4	70.3
254	1.8	0.1	0.1#

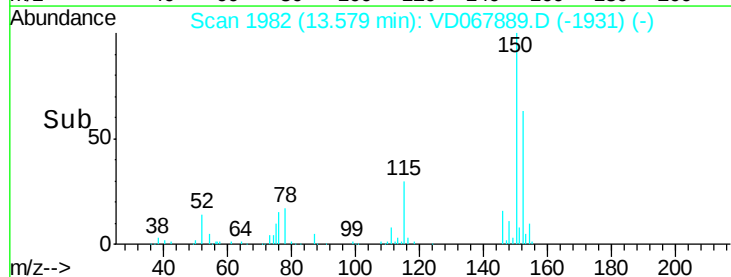
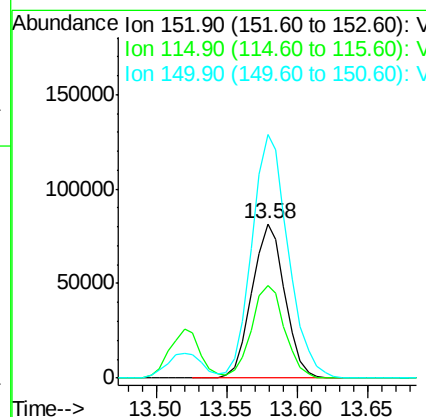
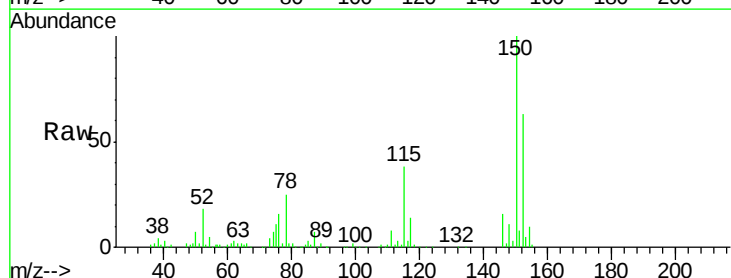
Manual Integrations
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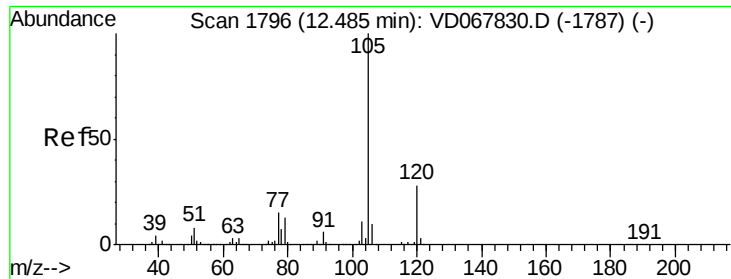
MMDadoda
12/8/2020 5:05:39 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.1	87.4
150	174.6	0.0	339.0





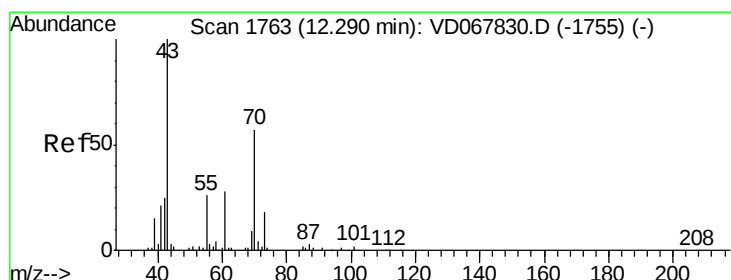
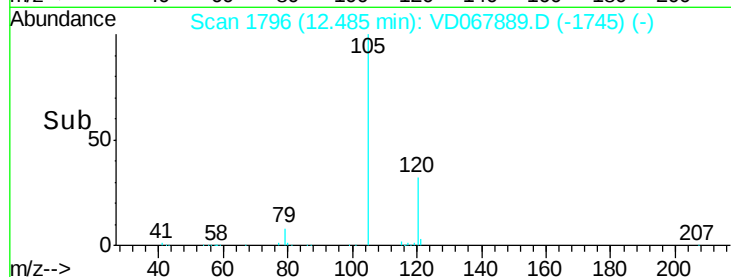
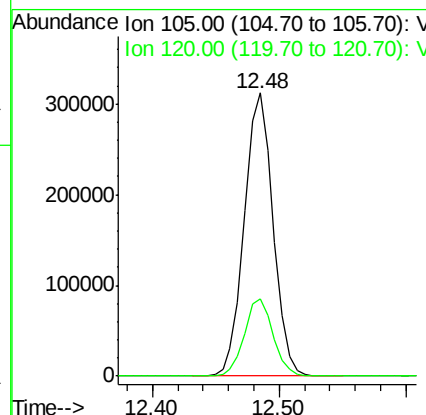
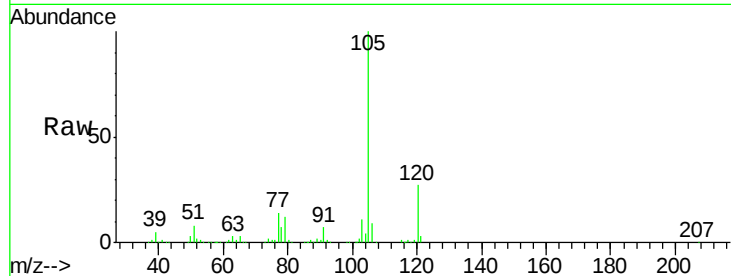
#73
Isopropylbenzene
Concen: 53.392 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.9	41.6

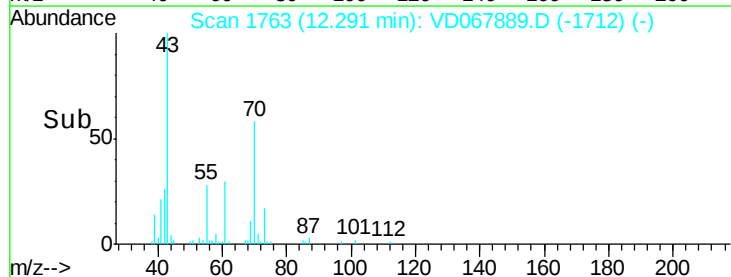
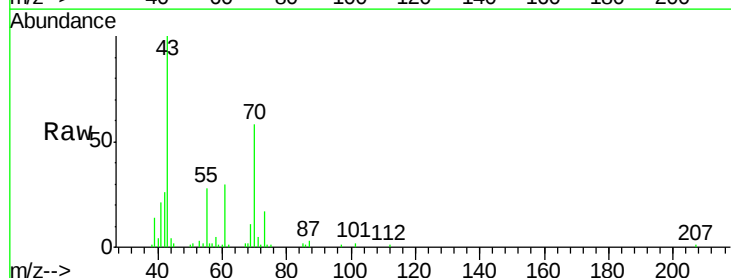
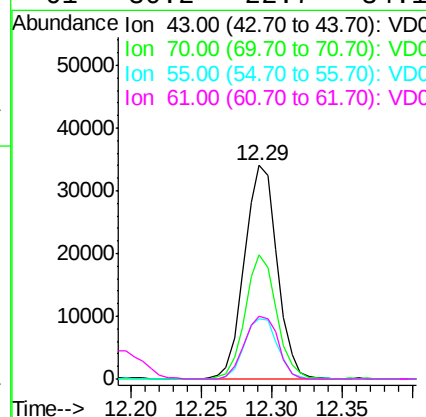
Manual Integrations
APPROVED

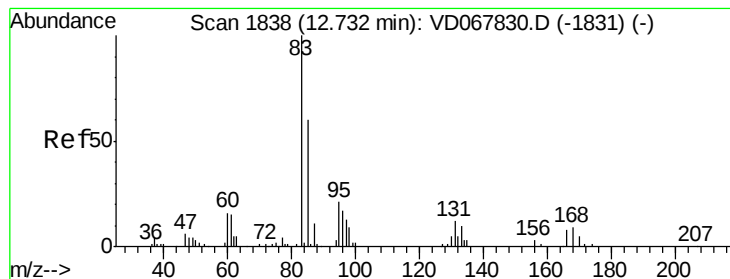
MMDadoda
12/8/2020 5:05:39 PM



#74
N-ethyl acetate
Concen: 48.639 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	55.9	44.6	66.8
55	28.4	22.2	33.2
61	30.2	22.7	34.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.747 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

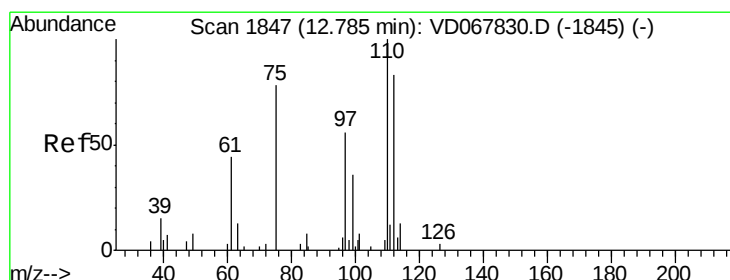
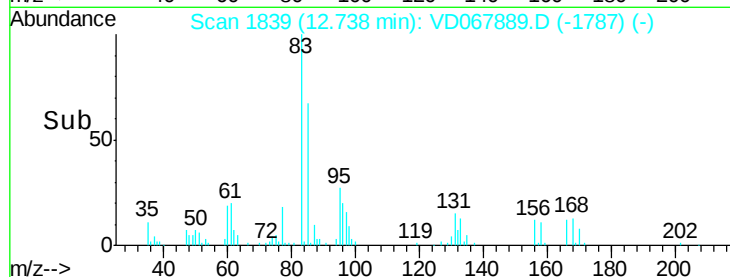
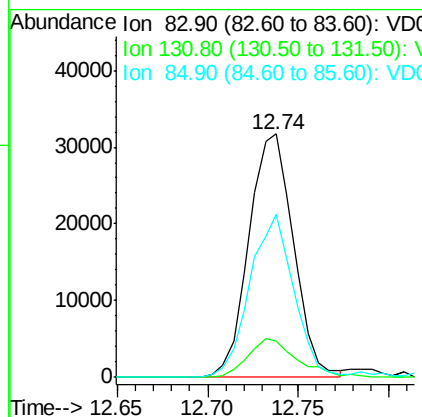
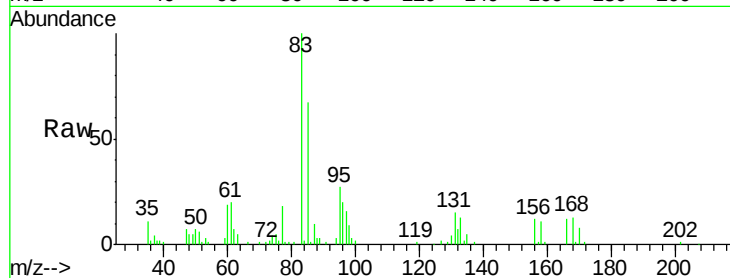
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	54243
Ion Ratio	Lower	Upper	
83	100		
131	17.5	8.0	24.0
85	66.1	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 44.388 ug/l m

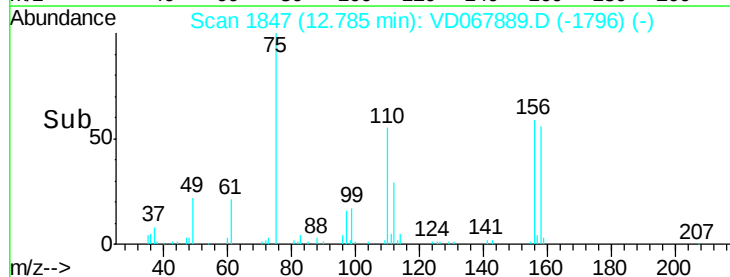
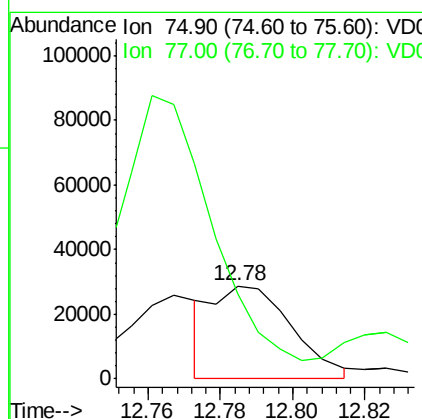
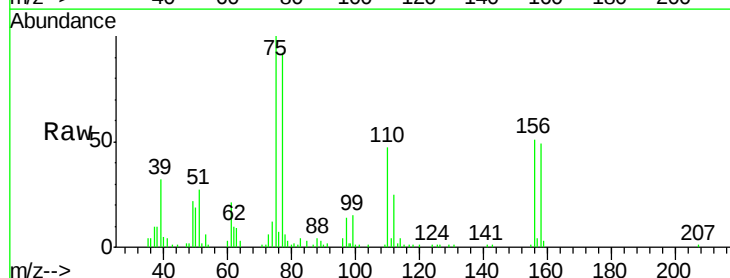
RT: 12.78 min Scan# 1847

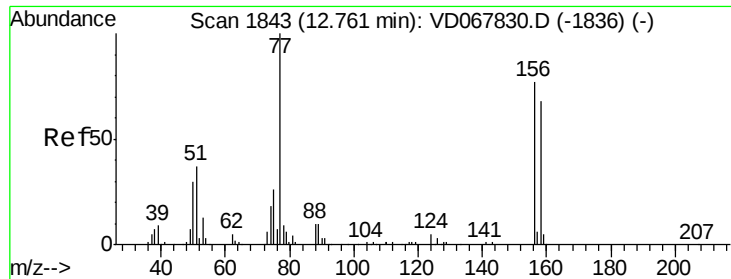
Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion:	75	Resp:	43158
Ion Ratio	Lower	Upper	
75	100		
77	0.0	175.9	527.7#





#77

Bromobenzene

Concen: 51.879 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

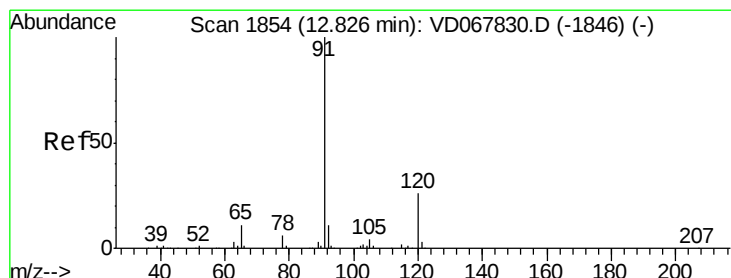
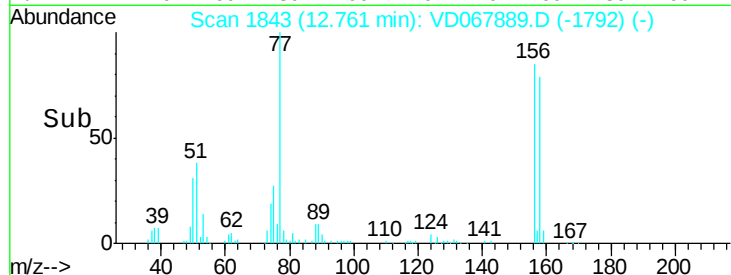
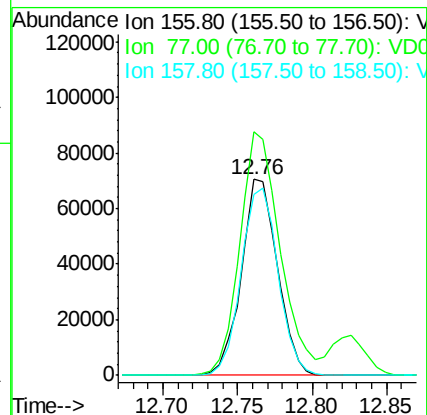
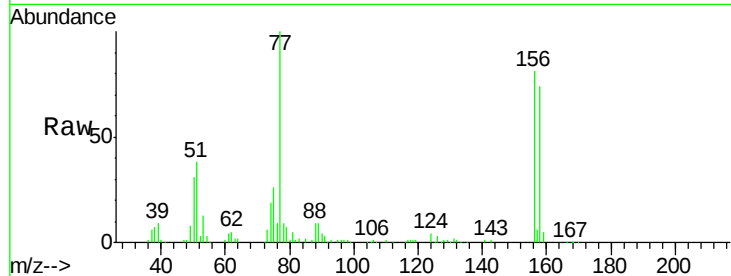
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		118420		
77	138.9	71.5	214.5		
158	97.5	47.1	141.4		

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#78

n-propylbenzene

Concen: 52.668 ug/l

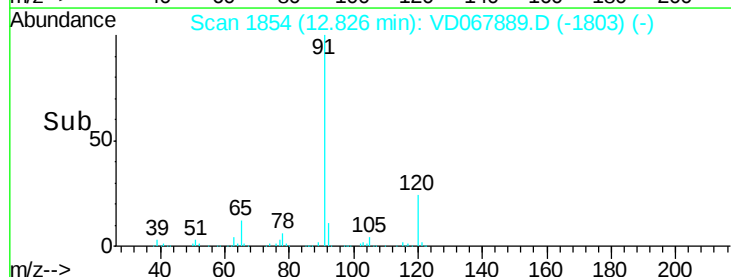
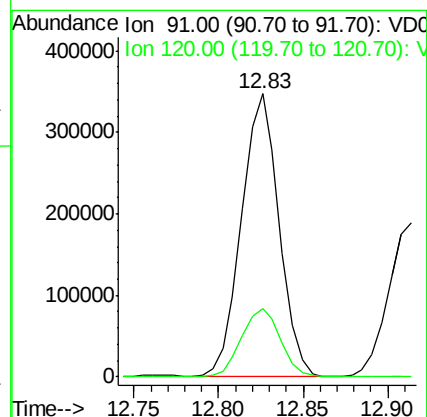
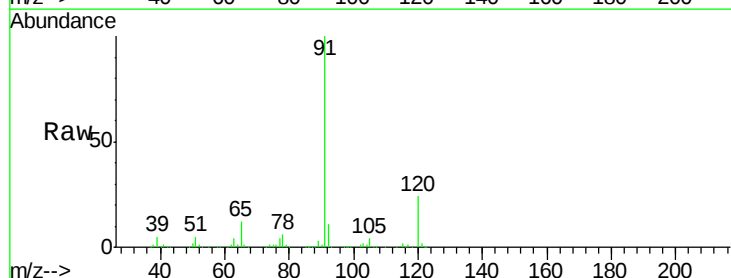
RT: 12.83 min Scan# 1854

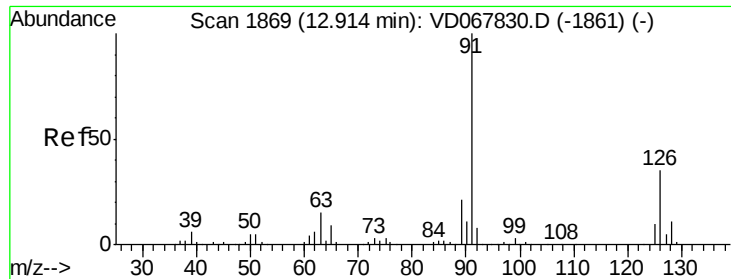
Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		535976		
120	25.0	12.7	38.0		





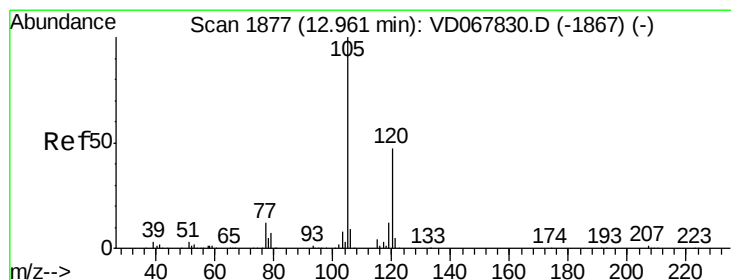
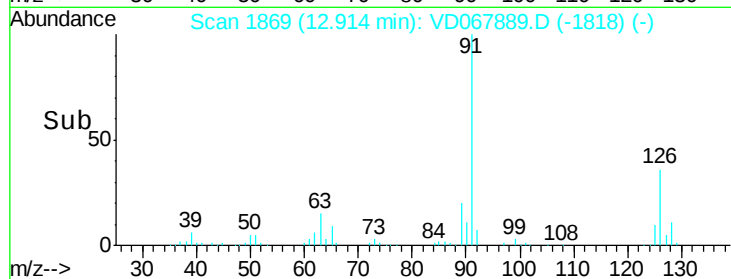
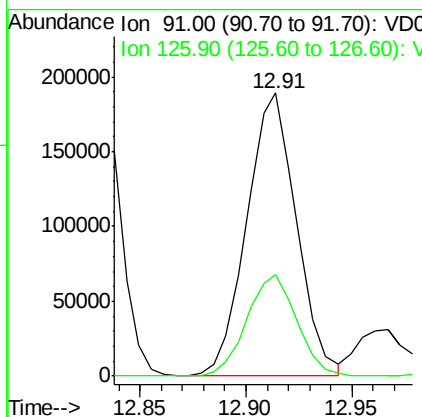
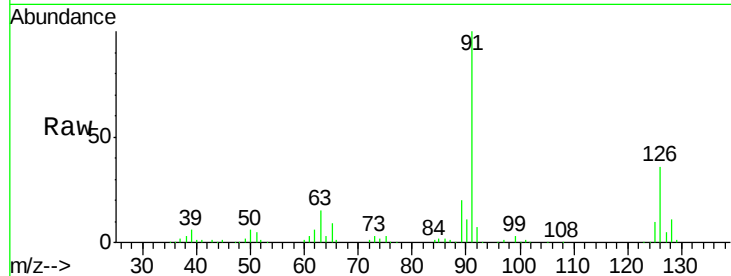
#79
 2-Chlorotoluene
 Concen: 51.478 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 308186
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7

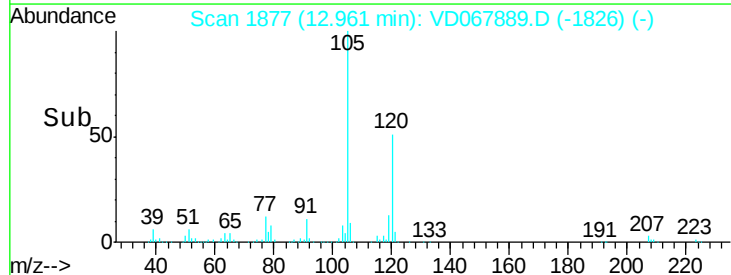
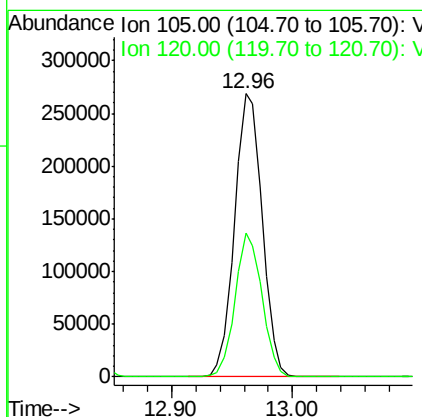
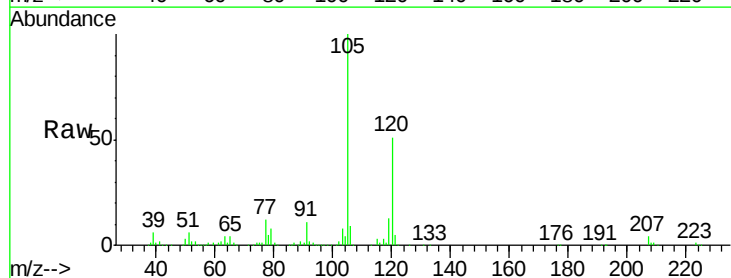
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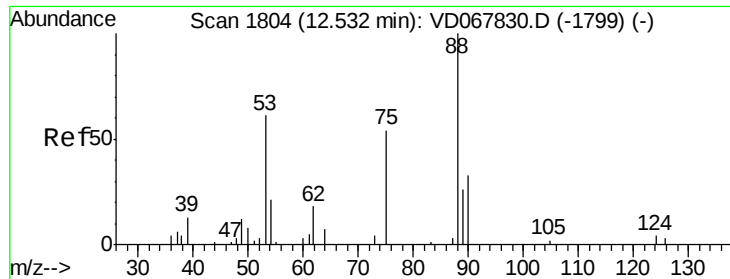
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.153 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion: 105 Resp: 430491
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.9





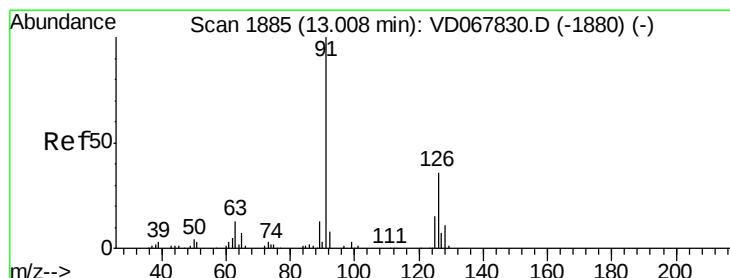
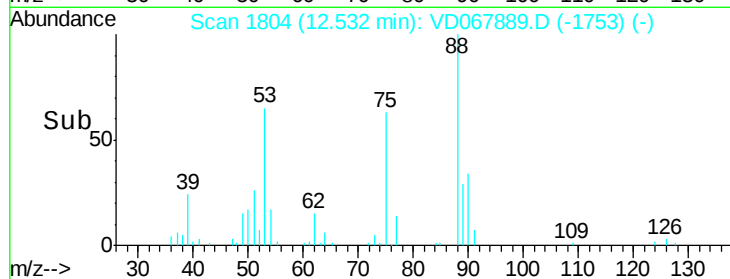
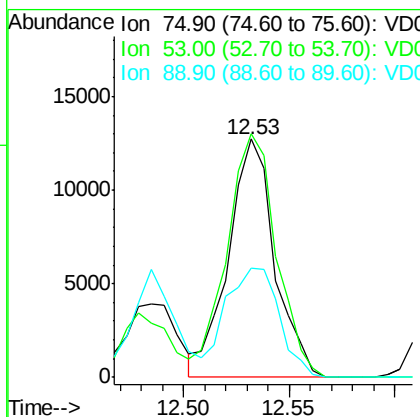
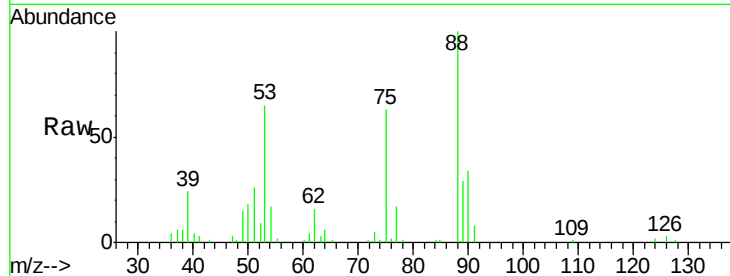
#81
trans-1,4-Dichloro-2-butene
Concen: 47.356 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.3	84.6	127.0
89	53.7	41.0	61.6

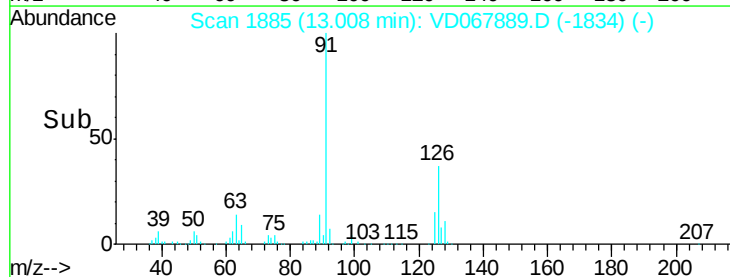
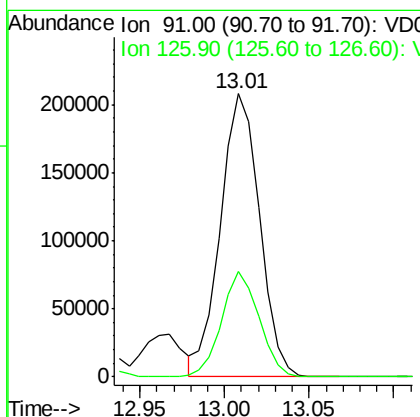
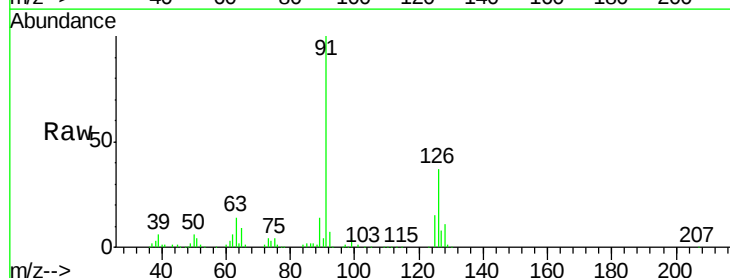
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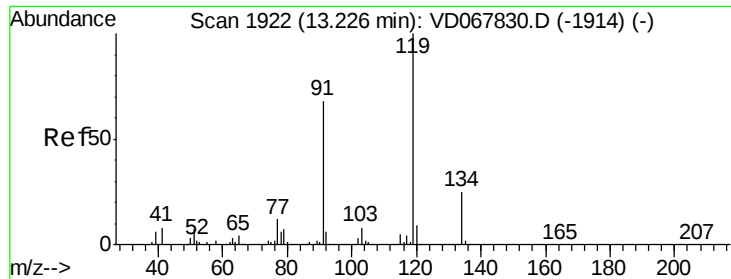
MMDadoda
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#82
4-Chlorotoluene
Concen: 52.483 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	18.1	54.4





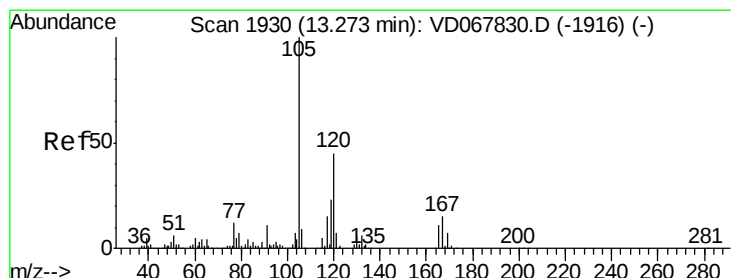
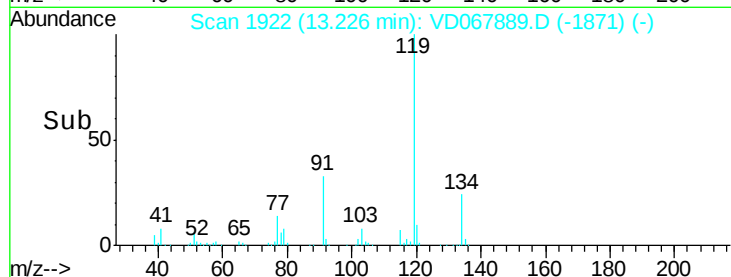
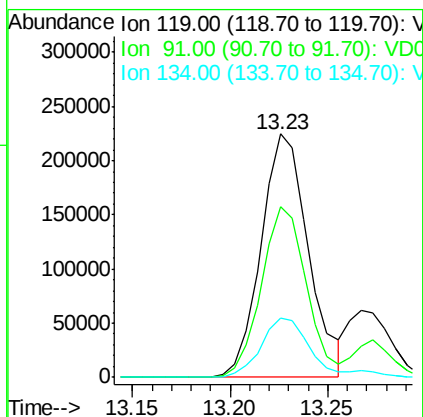
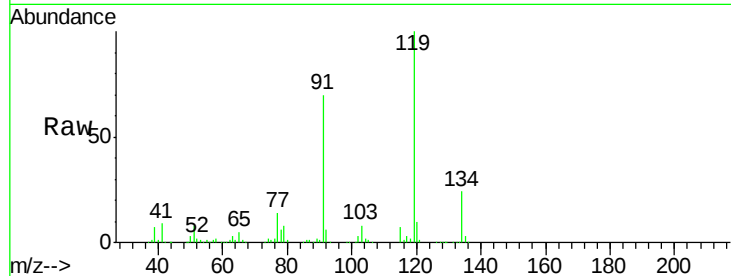
#83
tert-Butylbenzene
Concen: 55.807 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	377517		
91	66.7		33.1	99.3
134	24.7		13.6	40.8

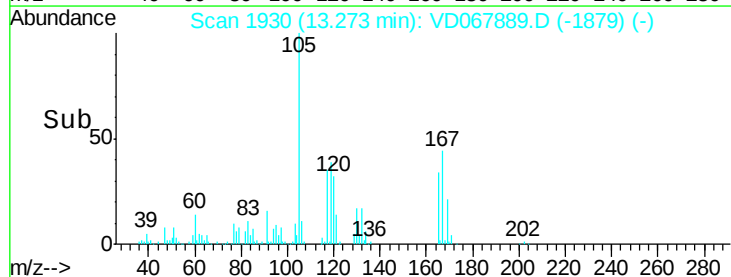
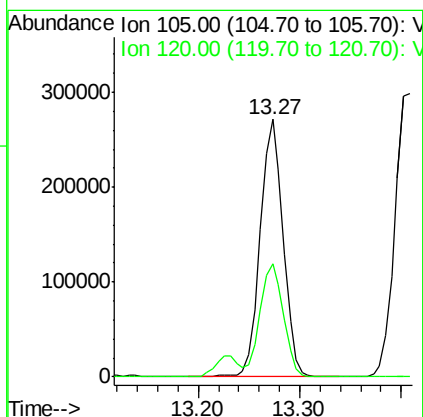
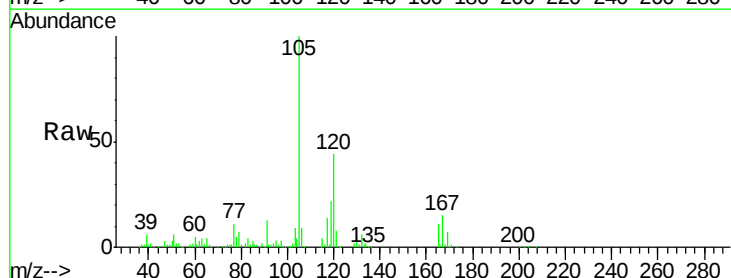
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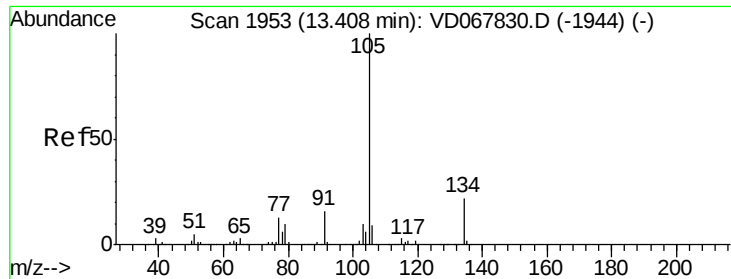
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.735 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424773		
120	44.7		22.1	66.5





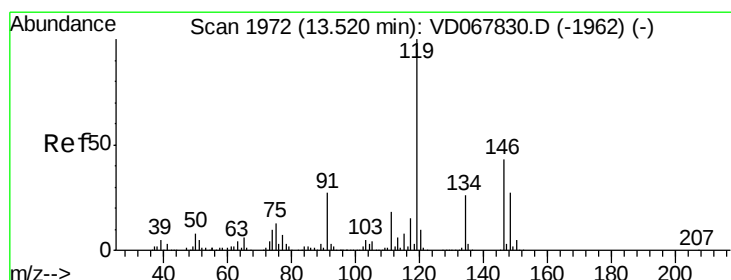
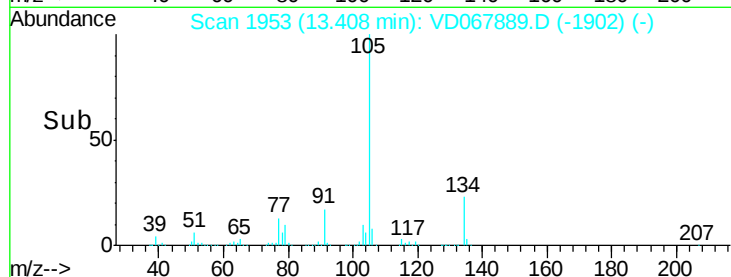
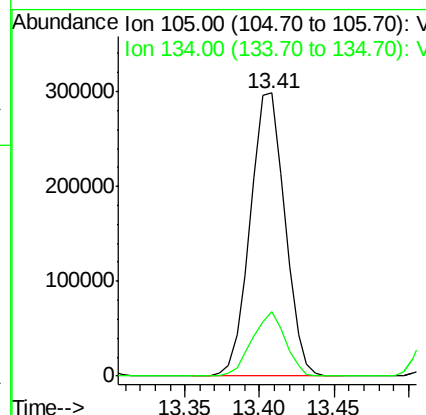
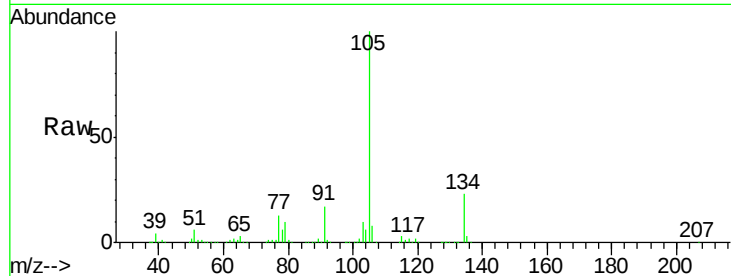
#85
 sec-Butylbenzene
 Concen: 52.982 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.9	32.9

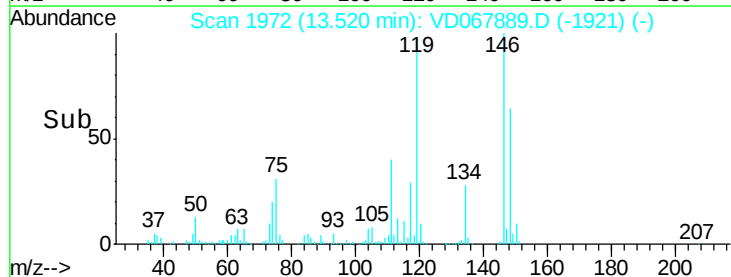
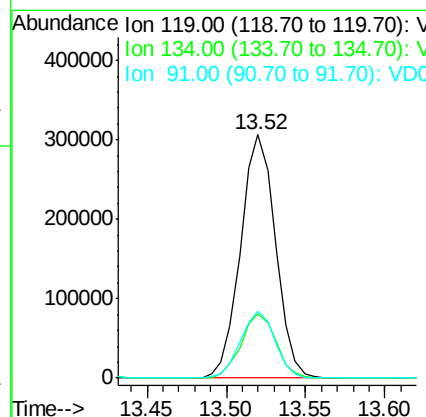
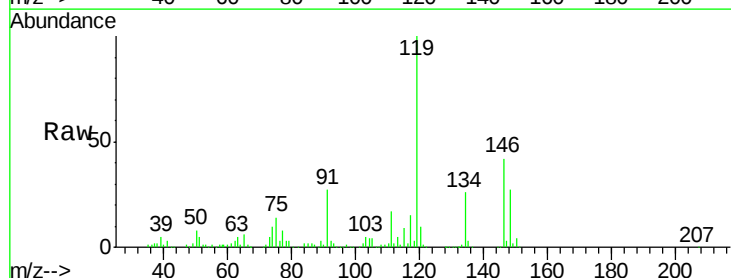
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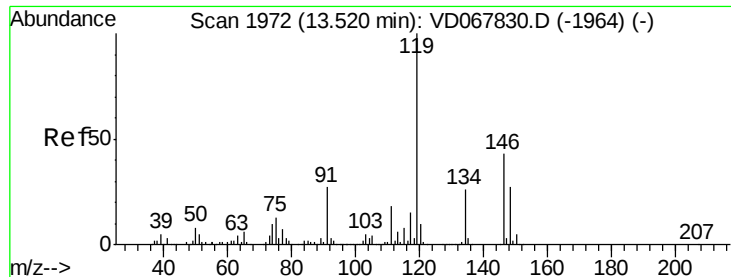
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#86
 p-Isopropyltoluene
 Concen: 52.932 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.1	39.3
91	27.1	12.8	38.3





#87

1,3-Dichlorobenzene

Concen: 50.500 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

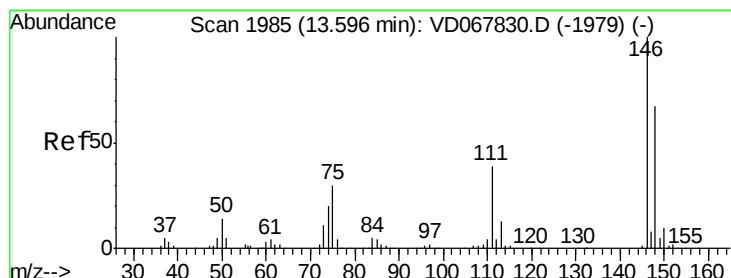
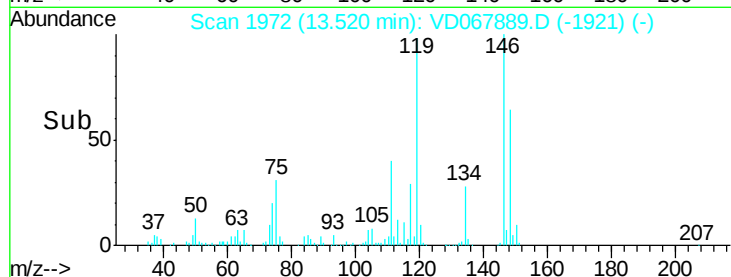
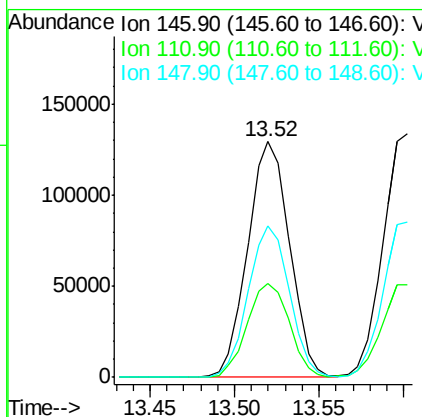
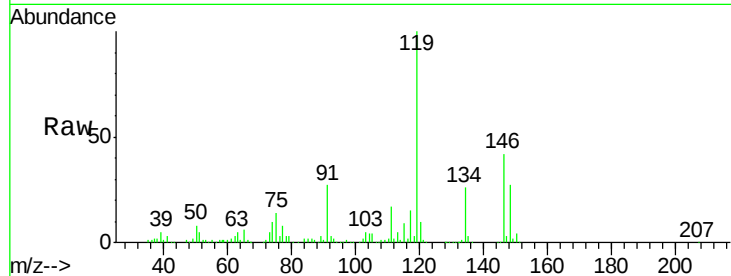
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	222362
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.8	62.2
148	63.3	32.9	98.6

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#88

1,4-Dichlorobenzene

Concen: 49.878 ug/l

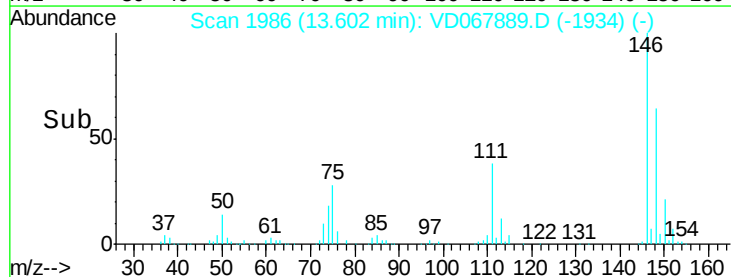
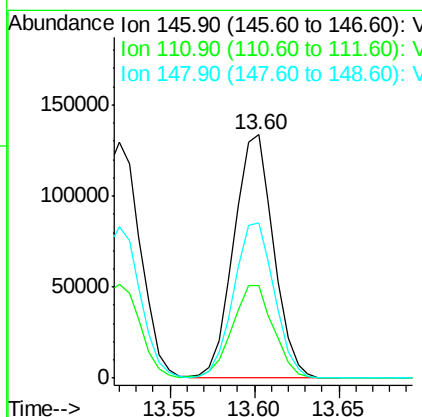
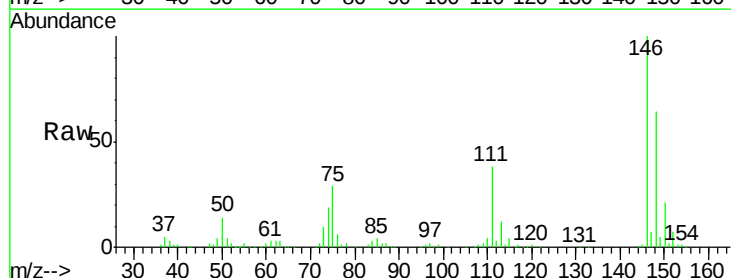
RT: 13.60 min Scan# 1986

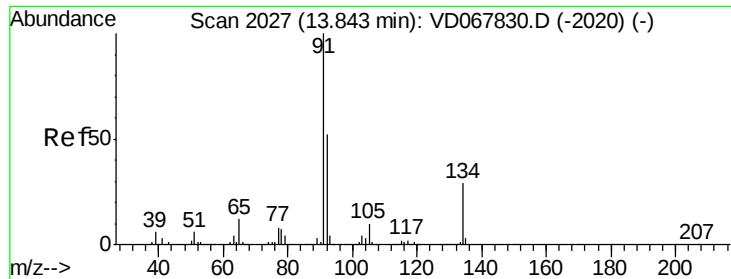
Delta R.T. 0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion:	146	Resp:	219717
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.6
148	65.1	32.4	97.2





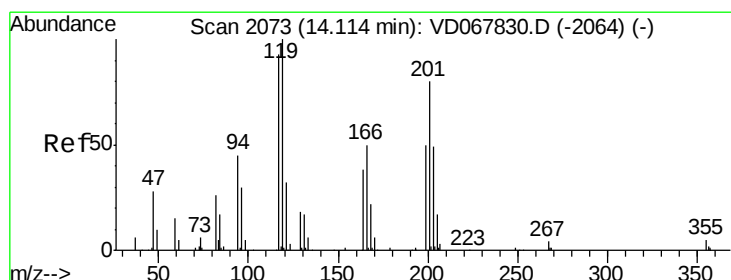
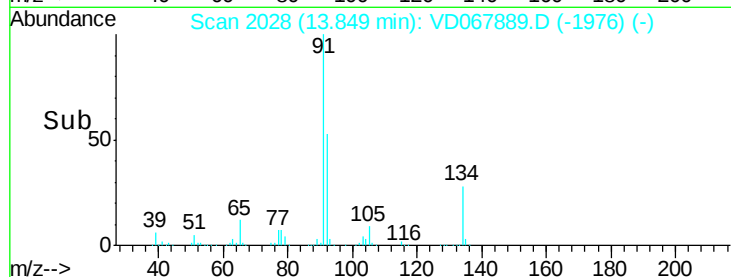
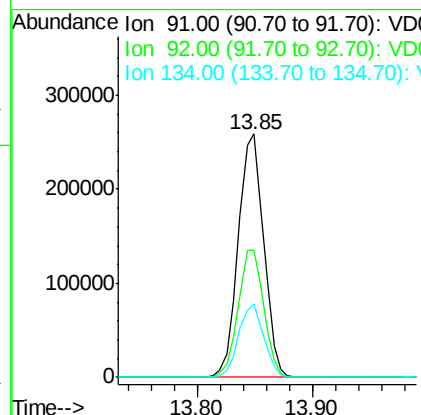
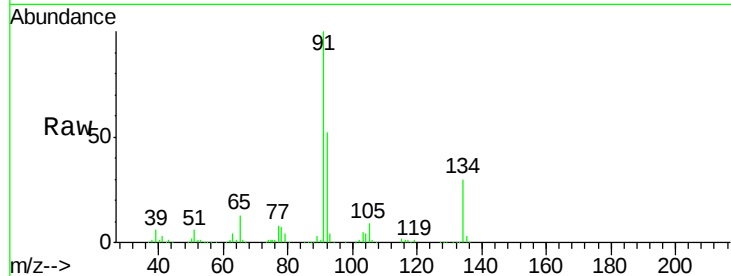
#89
n-Butylbenzene
Concen: 53.797 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	395497		
92	52.6	26.3	78.8	
134	30.0	14.8	44.3	

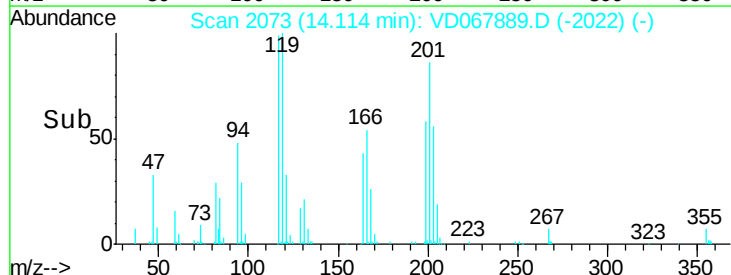
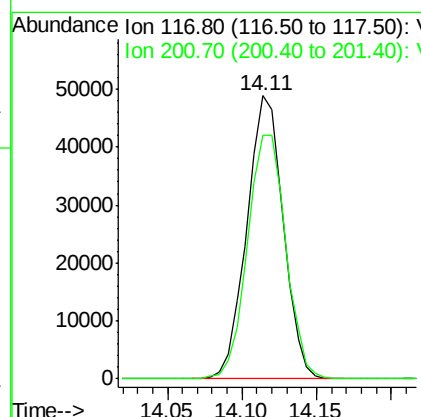
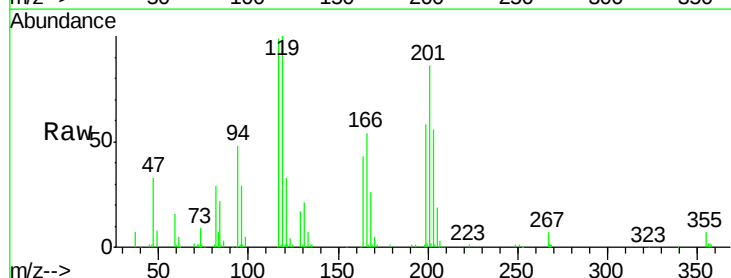
Manual Integrations
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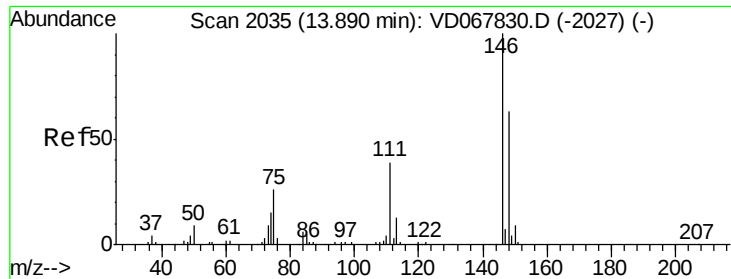
MMDadoda
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#90
Hexachloroethane
Concen: 50.384 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82312		
201	90.6	43.9	131.6	





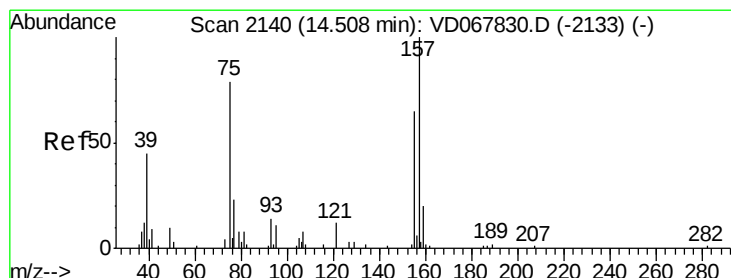
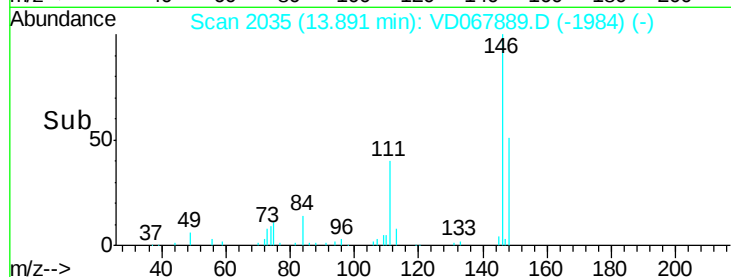
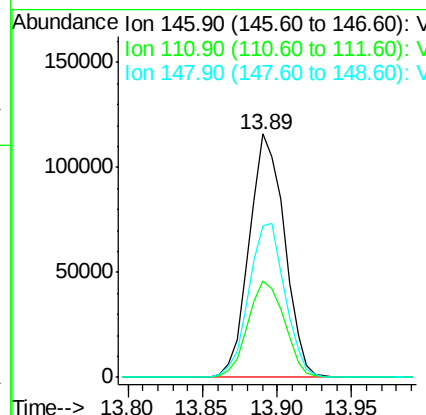
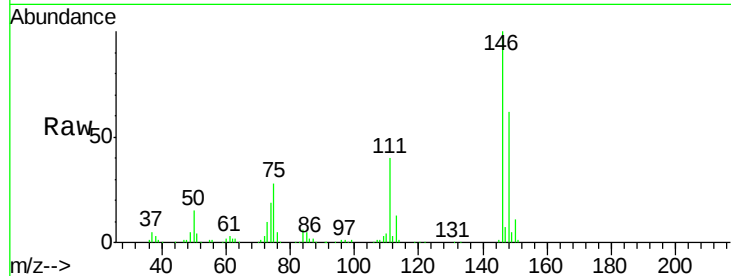
#91
 1,2-Dichlorobenzene
 Concen: 49.604 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	64.7	32.1	96.3

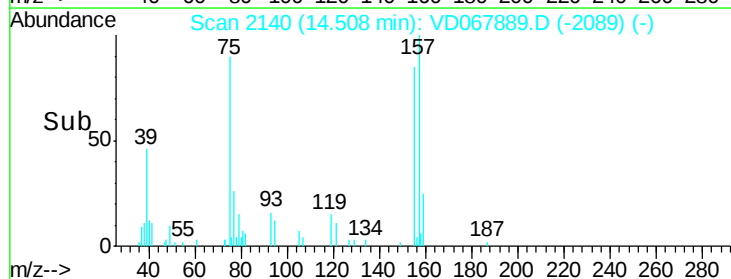
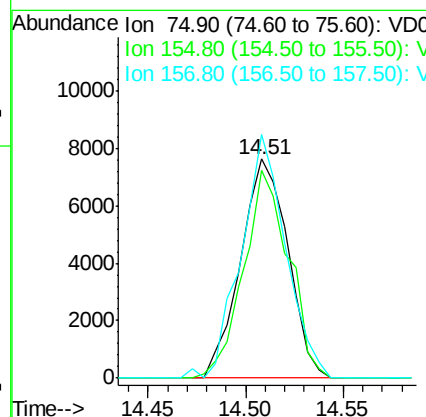
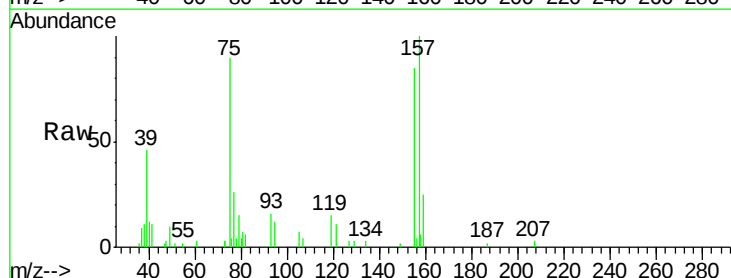
Manual Integrations
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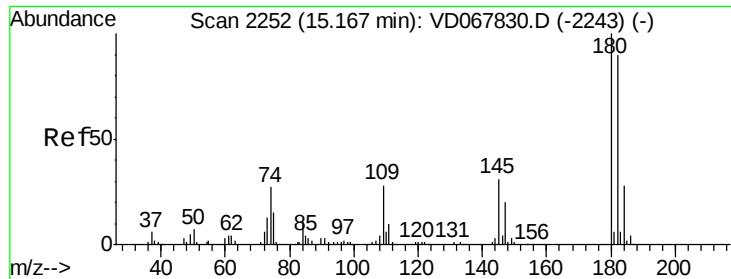
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.631 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD067889.D
 Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.4	44.1	132.4
157	104.7	62.4	187.2





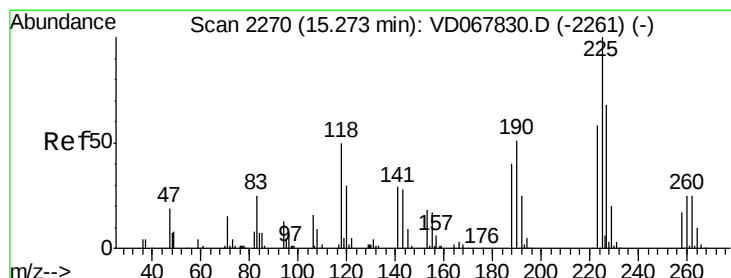
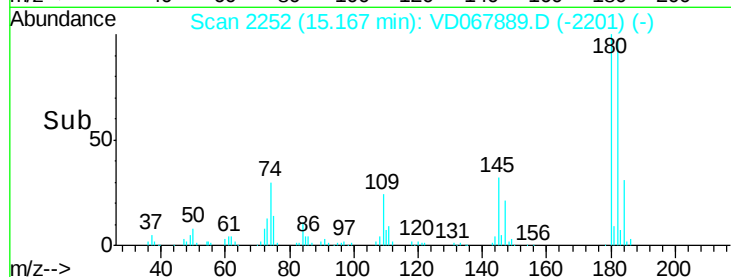
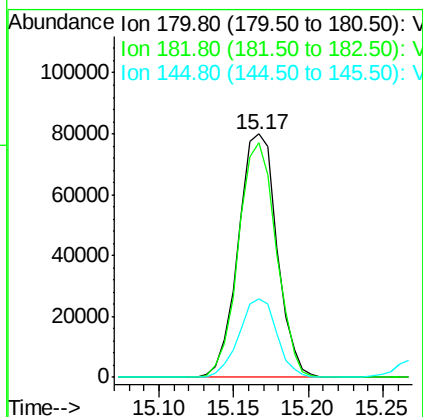
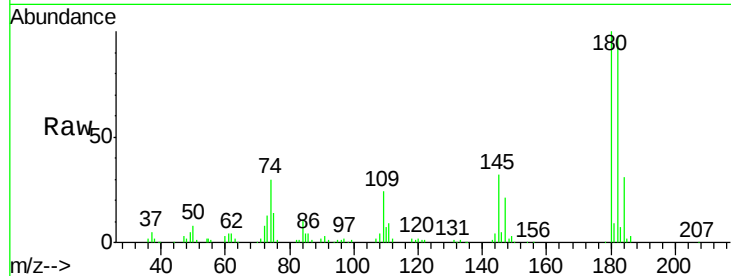
#93
1,2,4-Trichlorobenzene
Concen: 53.682 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.6
145	31.9	16.4	49.4

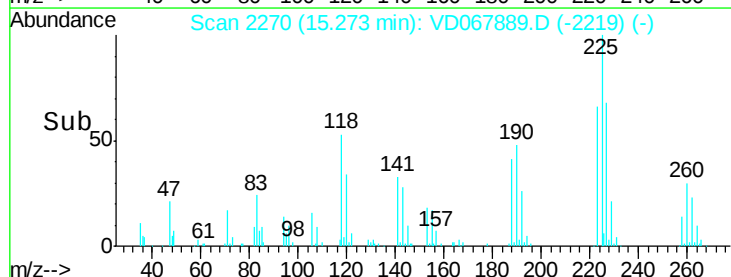
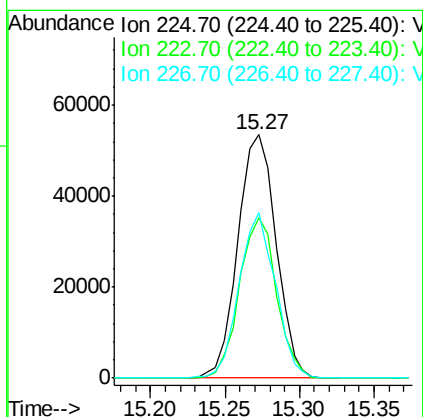
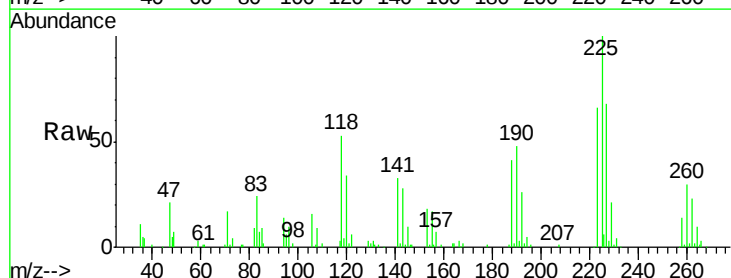
Manual Integrations
APPROVED

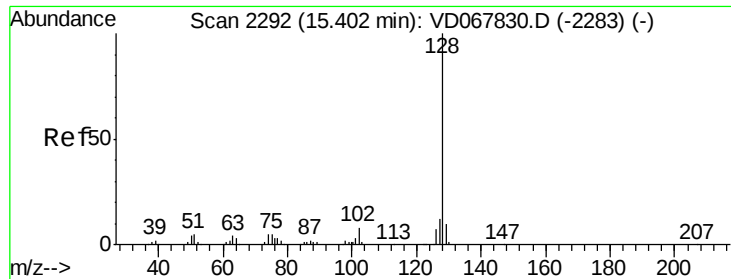
MMDadoda
12/8/2020 5:05:39 PM



#94
Hexachlorobutadiene
Concen: 54.702 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD067889.D
Acq: 07 Dec 2020 10:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	64.2	33.1	99.3





#95

Naphthalene

Concen: 50.163 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Instrument :

MSVOA_D

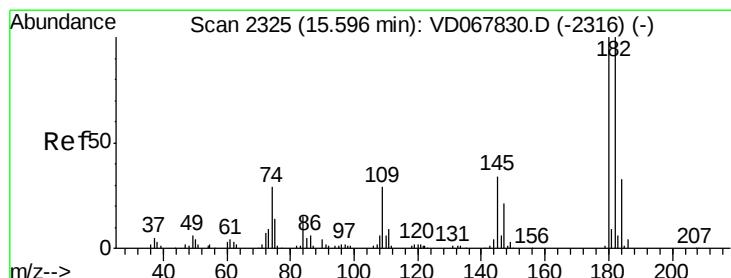
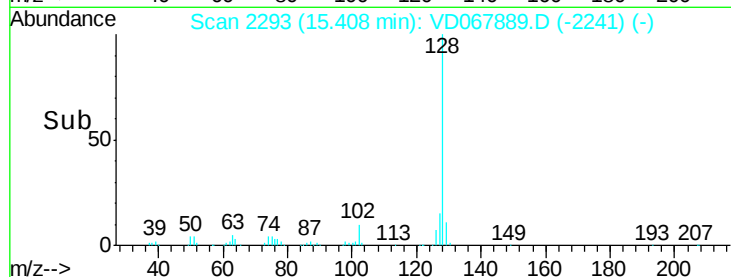
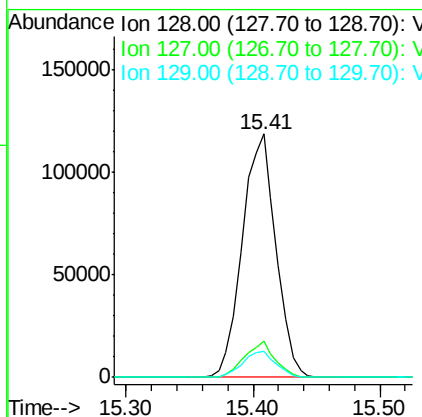
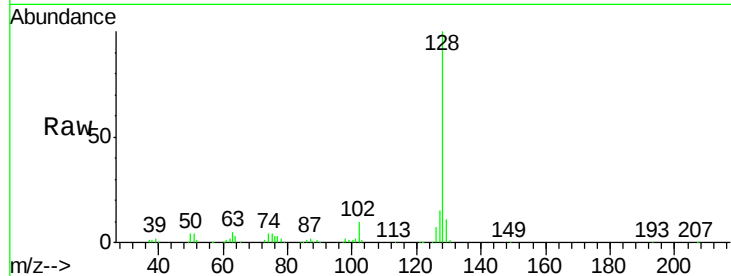
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	218049
Ion Ratio		Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.5	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
12/8/2020 5:05:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.260 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VD067889.D

Acq: 07 Dec 2020 10:00

Tgt Ion:	180	Resp:	120558
Ion Ratio		Lower	Upper
180	100		
182	96.1	47.3	142.0
145	34.8	16.8	50.4

