

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066451.D
 Acq On : 28 Aug 2020 11:03
 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
 8/31/2020 11:58:45 AM

Quant Time: Aug 29 00:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	159298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	217667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	197907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108166	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	101090	64.73	ug/l	0.00
Spiked Amount			Recovery	=	129.46%	
35) Dibromofluoromethane	7.91	113	77730	57.11	ug/l	0.00
Spiked Amount			Recovery	=	114.22%	
50) Toluene-d8	10.34	98	285994	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	
62) 4-Bromofluorobenzene	12.63	95	100580	56.92	ug/l	0.00
Spiked Amount			Recovery	=	113.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	66194	48.878	ug/l	97
3) Chloromethane	2.21	50	40898	42.604	ug/l	98
4) Vinyl Chloride	2.34	62	49396	47.926	ug/l	98
5) Bromomethane	2.76	94	42774	55.484	ug/l	95
6) Chloroethane	2.92	64	34705	52.586	ug/l	96
7) Trichlorofluoromethane	3.27	101	156200	55.732	ug/l	98
8) Diethyl Ether	3.70	74	31671	50.435	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66162	47.835	ug/l	94
10) Methyl Iodide	4.30	142	78346	49.664	ug/l	93
11) Tert butyl alcohol	5.21	59	31310	370.985	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	63319	48.769	ug/l	94
13) Acrolein	3.91	56	13824	199.332	ug/l	99
14) Allyl chloride	4.71	41	75601	43.626	ug/l #	82
15) Acrylonitrile	5.41	53	60039	238.296	ug/l	97
16) Acetone	4.15	43	77754	276.155	ug/l #	88
17) Carbon Disulfide	4.40	76	175759	44.669	ug/l	98
18) Methyl Acetate	4.71	43	24893	47.106	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	174561	55.837	ug/l	98
20) Methylene Chloride	4.96	84	71857	47.434	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	74131	49.050	ug/l	94
22) Diisopropyl ether	6.36	45	151129	45.043	ug/l #	89
23) Vinyl Acetate	6.30	43	510113	245.592	ug/l	98
24) 1,1-Dichloroethane	6.26	63	112738	47.548	ug/l	98
25) 2-Butanone	7.21	43	81140	253.849	ug/l	92
26) 2,2-Dichloropropane	7.20	77	142932	56.244	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	83191	51.372	ug/l	97
28) Bromochloromethane	7.54	49	39432	48.281	ug/l	91
29) Tetrahydrofuran	7.56	42	41575	228.999	ug/l #	89
30) Chloroform	7.70	83	145556	53.059	ug/l	100
31) Cyclohexane	7.97	56	88469	40.797	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	161660	57.579	ug/l	99
36) 1,1-Dichloropropene	8.11	75	102452	51.585	ug/l	100
37) Ethyl Acetate	7.28	43	36021	53.325	ug/l #	88
38) Carbon Tetrachloride	8.09	117	154714	59.792	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	118874	50.811	ug/l	93
40) Benzene	8.34	78	269710	51.622	ug/l	99
41) Methacrylonitrile	7.53	41	21026m	50.475	ug/l	
42) 1,2-Dichloroethane	8.42	62	112056	60.895	ug/l	99
43) Isopropyl Acetate	8.45	43	70109	51.710	ug/l	98
44) Trichloroethene	9.10	130	89821	52.907	ug/l	95
45) 1,2-Dichloropropane	9.38	63	55722	47.044	ug/l	89
46) Dibromomethane	9.47	93	40310	54.659	ug/l	97
47) Bromodichloromethane	9.66	83	117668	58.019	ug/l	95
48) Methyl methacrylate	9.45	41	32798	46.911	ug/l #	90
49) 1,4-Dioxane	9.45	88	9430	1101.211	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	167069	254.722	ug/l	99
52) Toluene	10.40	92	191926	54.220	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	109980	57.150	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	112868	52.252	ug/l #	90
55) 1,1,2-Trichloroethane	10.80	97	50968	51.051	ug/l	91
56) Ethyl methacrylate	10.66	69	60426	52.283	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	85037	51.493	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	119888	249.761	ug/l	90
59) 2-Hexanone	10.98	43	122125	263.974	ug/l	99
60) Dibromochloromethane	11.14	129	81425	54.107	ug/l	96
61) 1,2-Dibromoethane	11.24	107	49214	50.090	ug/l	99
64) Tetrachloroethene	10.87	164	80647	53.718	ug/l	98
65) Chlorobenzene	11.67	112	211830	53.800	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	88278	54.862	ug/l	99
67) Ethyl Benzene	11.74	91	374390	54.018	ug/l	94
68) m/p-Xylenes	11.85	106	288896	109.360	ug/l	97
69) o-Xylene	12.18	106	133179	54.192	ug/l	98
70) Styrene	12.20	104	231694	54.907	ug/l	98
71) Bromoform	12.36	173	50476	55.292	ug/l #	98
73) Isopropylbenzene	12.48	105	387129	53.427	ug/l	98
74) N-amyl acetate	12.29	43	62853	48.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	46712	45.128	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	35823m	47.077	ug/l	
77) Bromobenzene	12.76	156	97176	52.838	ug/l	95
78) n-propylbenzene	12.82	91	421793	50.768	ug/l	97
79) 2-Chlorotoluene	12.91	91	243503	51.316	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	332893	53.209	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	17841	49.767	ug/l #	84
82) 4-Chlorotoluene	13.01	91	259772	51.672	ug/l	97
83) tert-Butylbenzene	13.23	119	288198	53.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	330717	53.819	ug/l	97
85) sec-Butylbenzene	13.40	105	375648	52.761	ug/l	99
86) p-Isopropyltoluene	13.52	119	369684	53.849	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	181322	52.817	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	180137	52.259	ug/l	99
89) n-Butylbenzene	13.84	91	308208	50.875	ug/l	99
90) Hexachloroethane	14.11	117	67406	49.704	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	157841	53.408	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12209	56.237	ug/l	88

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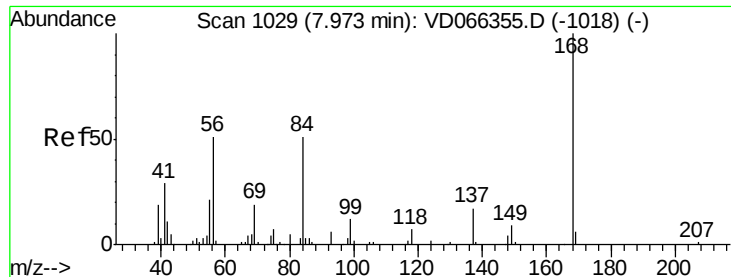
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	123291	53.437	ug/l	99
94) Hexachlorobutadiene	15.27	225	80548	56.178	ug/l	95
95) Naphthalene	15.41	128	202245	55.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	106161	53.713	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 159298

Ion Ratio Lower Upper

168 100

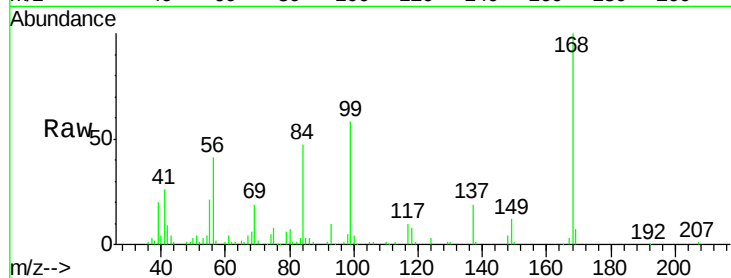
99 58.1 45.4 68.0

Manual Integrations

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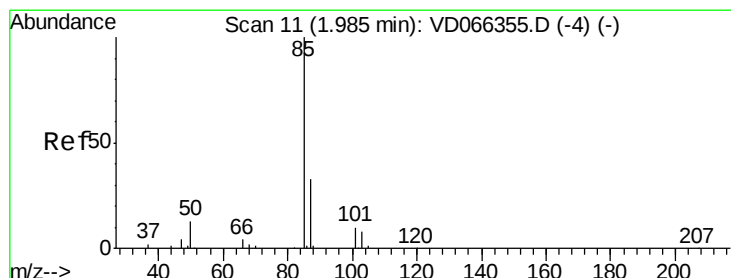
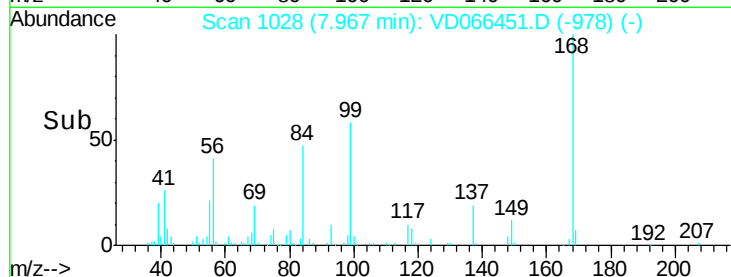
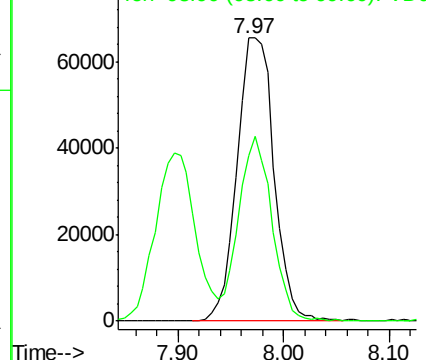
MMDadoda

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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: 48.878 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066451.D

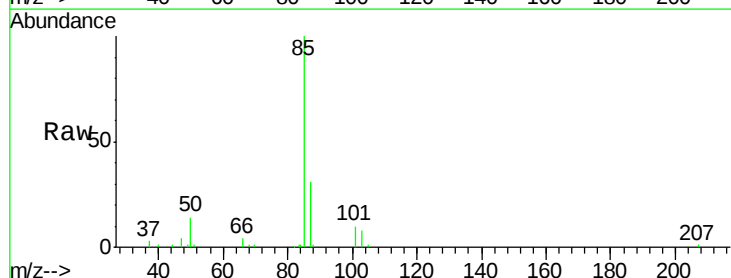
Acq: 28 Aug 2020 11:03

Tgt Ion: 85 Resp: 66194

Ion Ratio Lower Upper

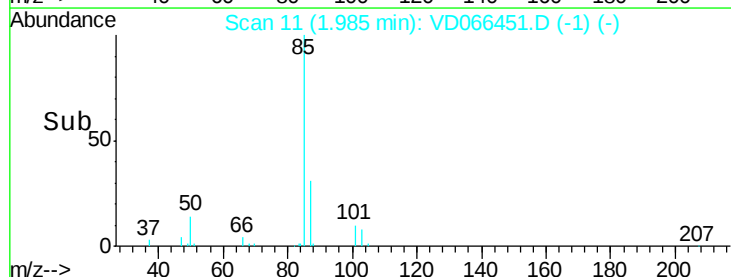
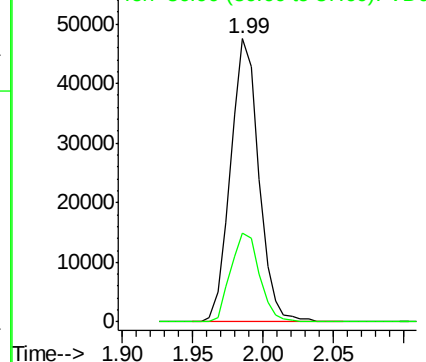
85 100

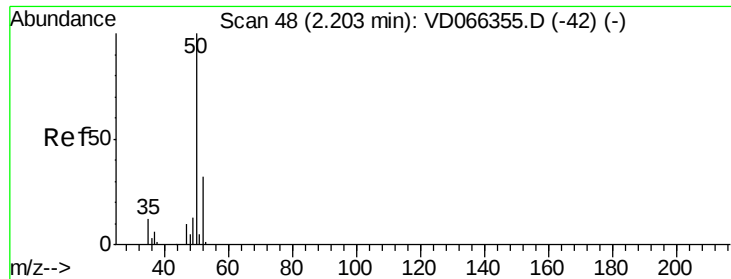
87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 42.604 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 40898

Ion Ratio Lower Upper

50 100

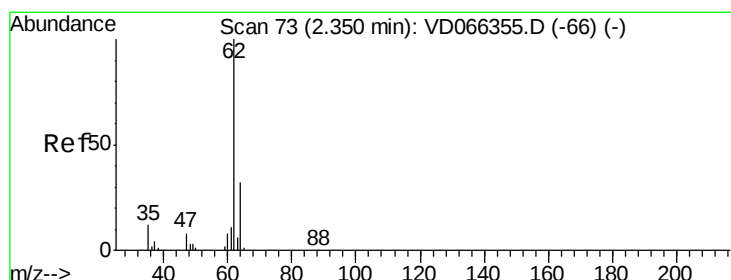
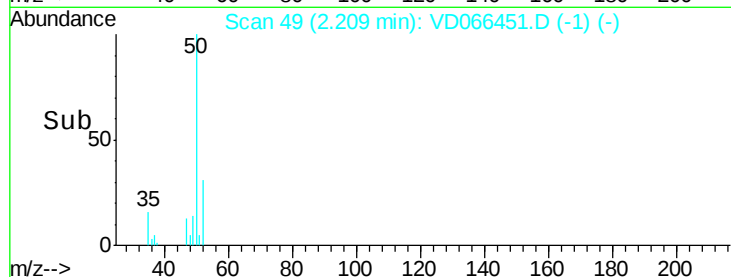
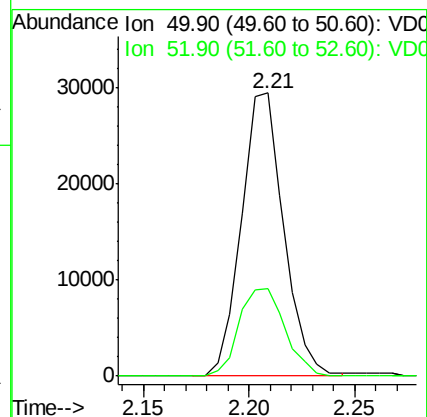
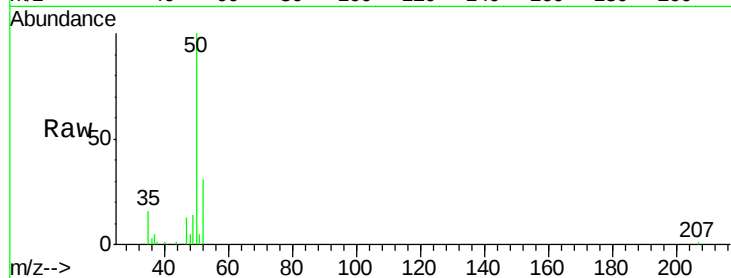
52 31.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.926 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066451.D

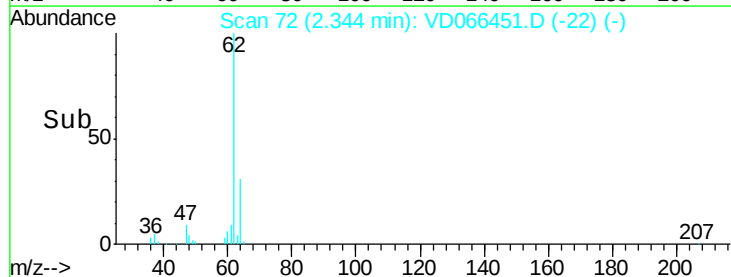
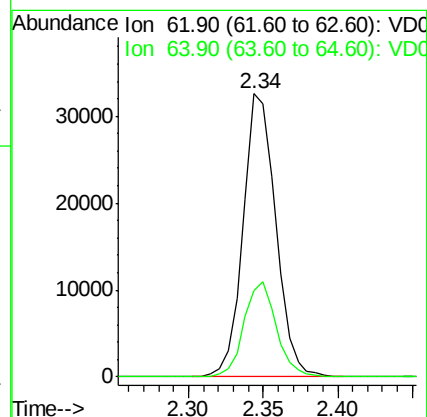
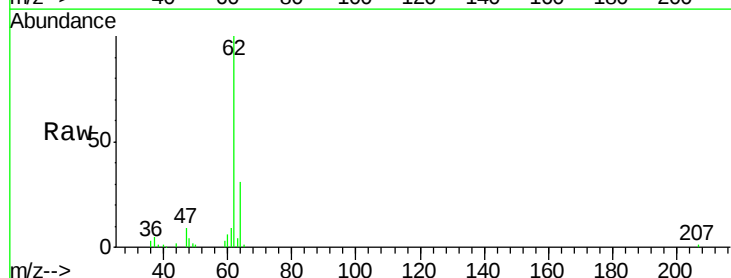
Acq: 28 Aug 2020 11:03

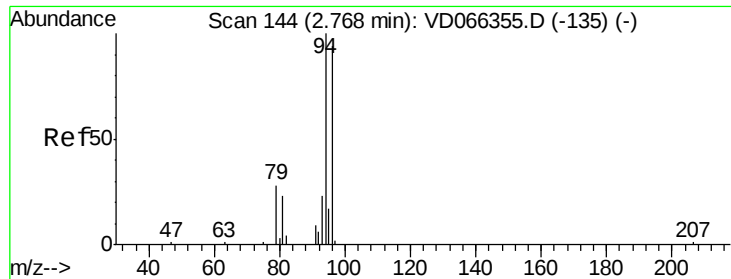
Tgt Ion: 62 Resp: 49396

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.2





#5

Bromomethane

Concen: 55.484 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

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VSTDCCC050

Tot Ion: 94 Resp: 42774

Ion Ratio Lower Upper

94 100

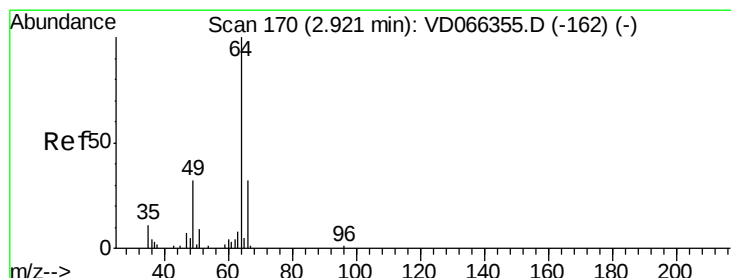
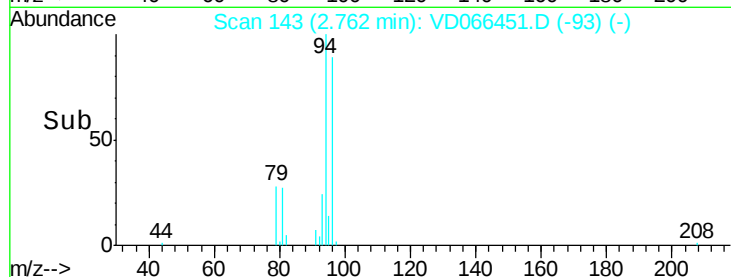
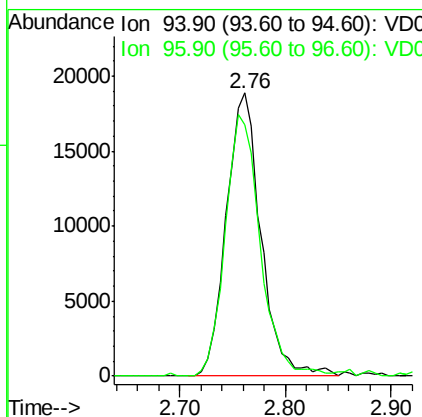
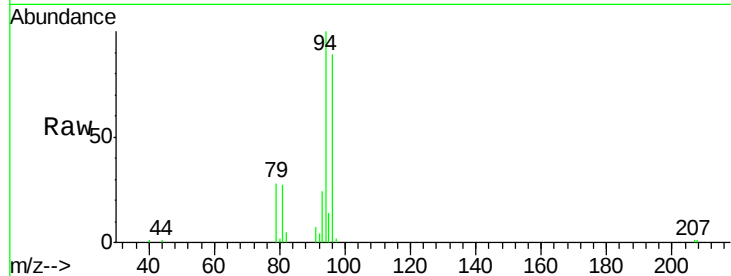
96 88.9 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 52.586 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066451.D

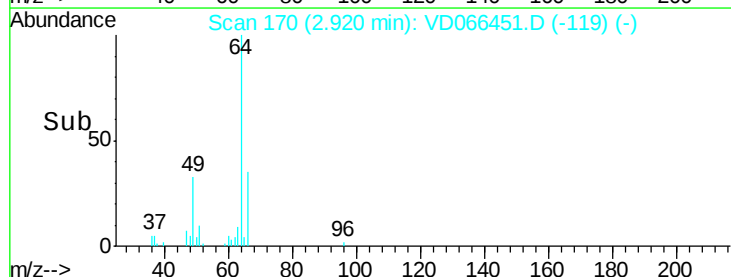
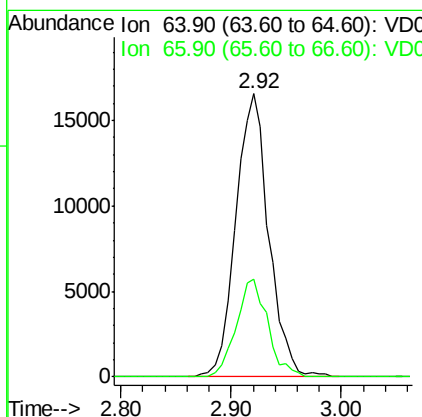
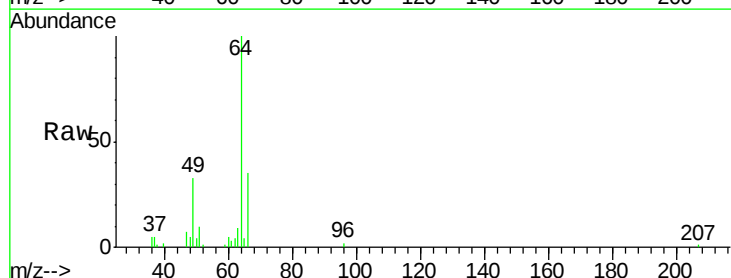
Acq: 28 Aug 2020 11:03

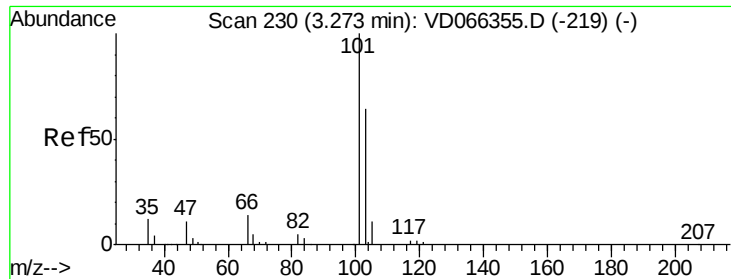
Tgt Ion: 64 Resp: 34705

Ion Ratio Lower Upper

64 100

66 34.7 25.9 38.9





#7

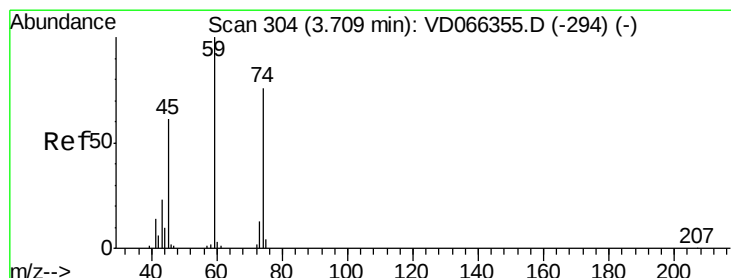
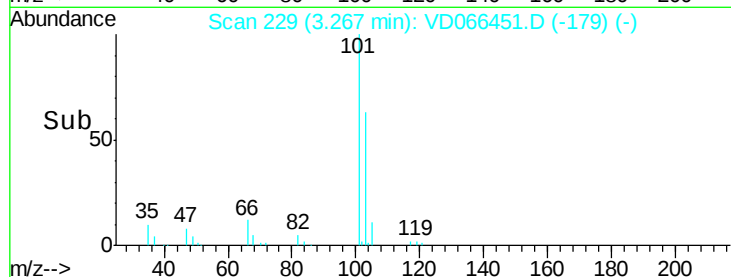
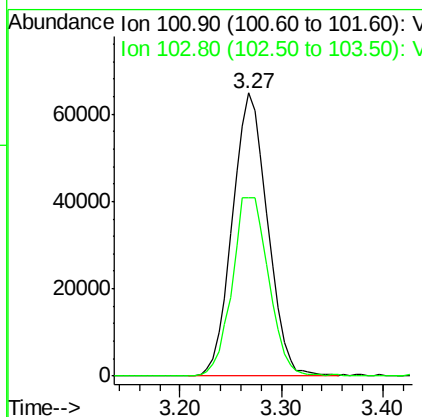
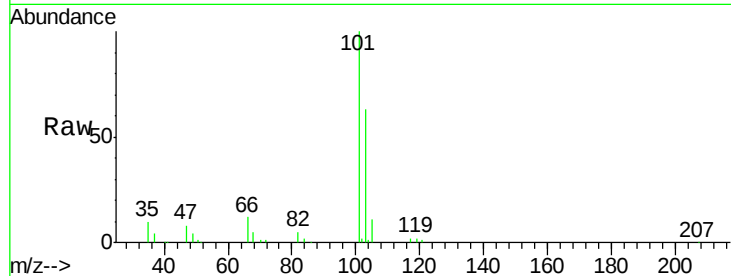
Trichlorofluoromethane
 Concen: 55.732 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	156200		
103	62.9	51.4	77.0	

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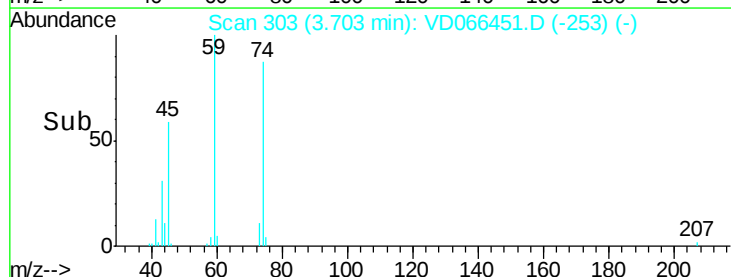
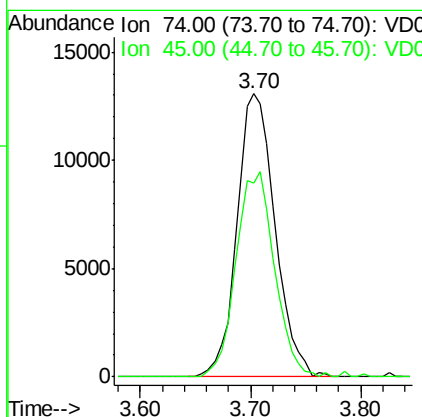
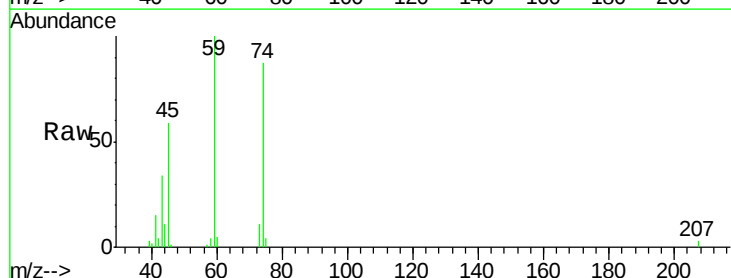
MMDadoda
 8/31/2020 11:58:45 AM

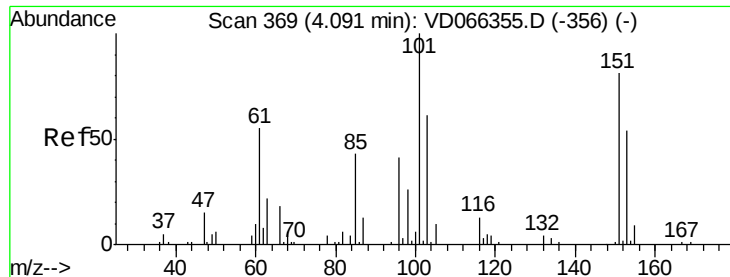


#8

Diethyl Ether
 Concen: 50.435 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066451.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	31671		
45	73.0	42.8	128.3	





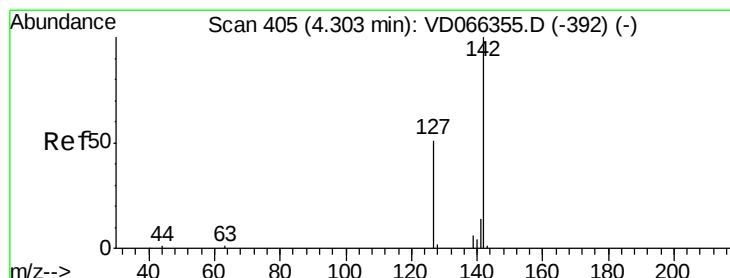
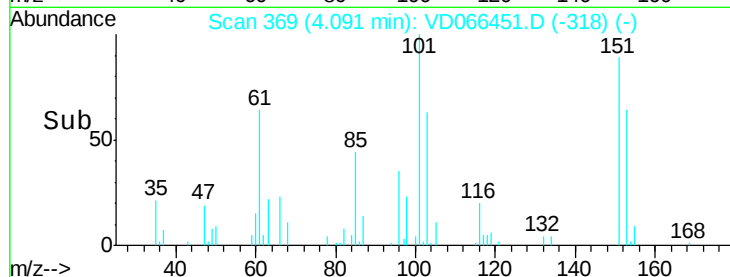
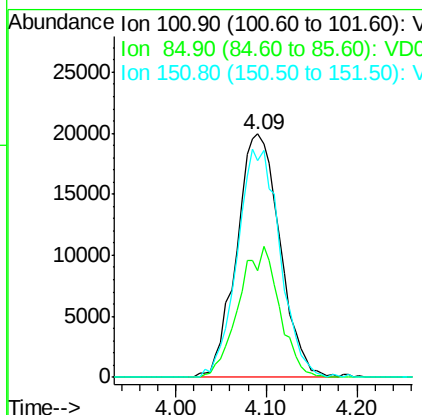
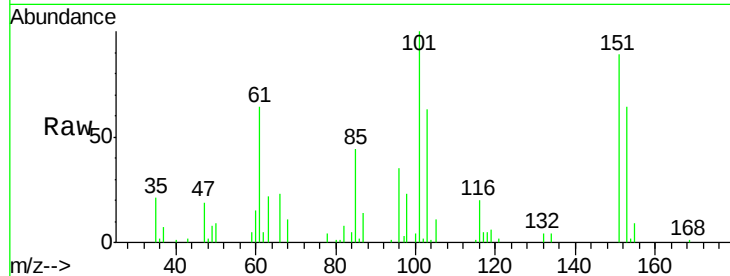
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.835 ug/l
 RT: 4.09 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	66162		
85	50.4		36.4	54.6
151	92.3		70.5	105.7

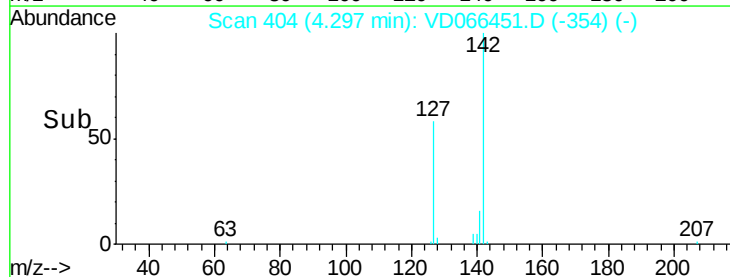
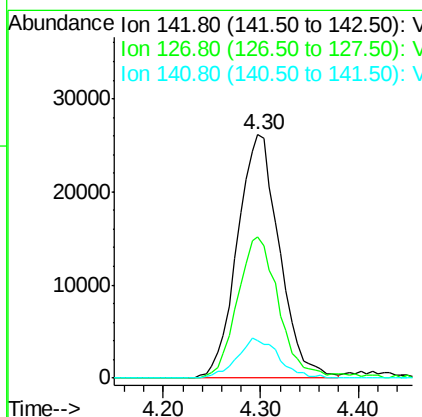
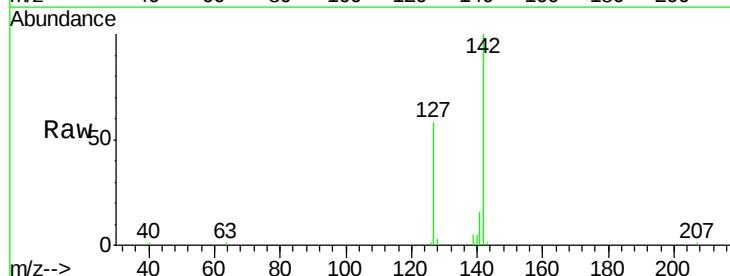
Manual Integrations
 APPROVED

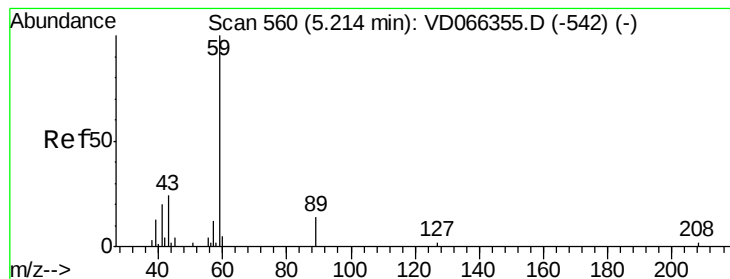
MMDadoda
 8/31/2020 11:58:45 AM



#10
 Methyl Iodide
 Concen: 49.664 ug/l
 RT: 4.30 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	78346		
127	57.6		41.8	62.8
141	16.1		11.8	17.6





#11

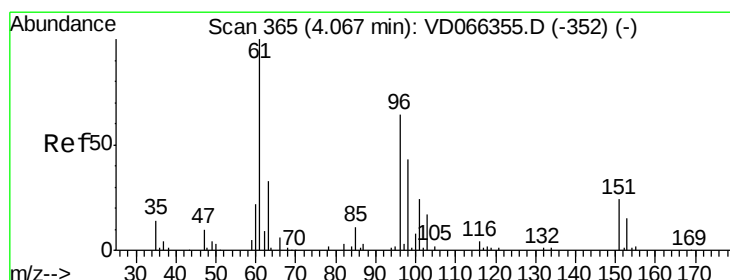
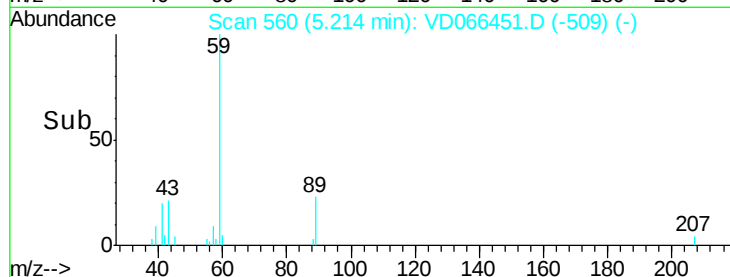
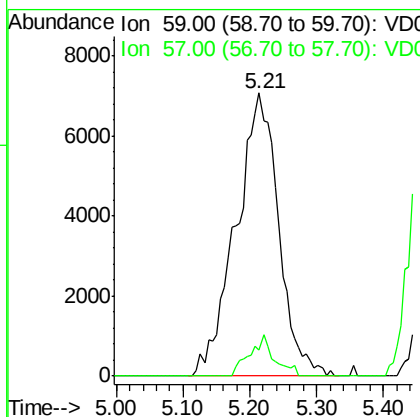
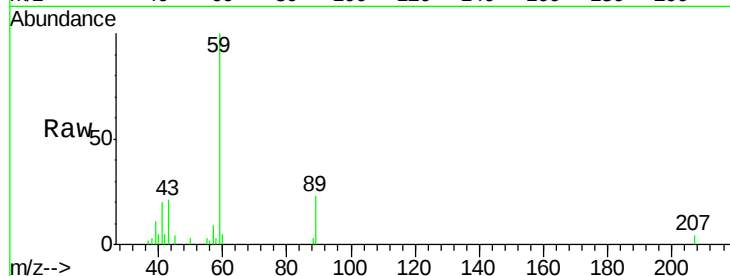
Tert butyl alcohol
Concen: 370.985 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	31310		
57	8.3	9.0	13.4	

Manual Integrations
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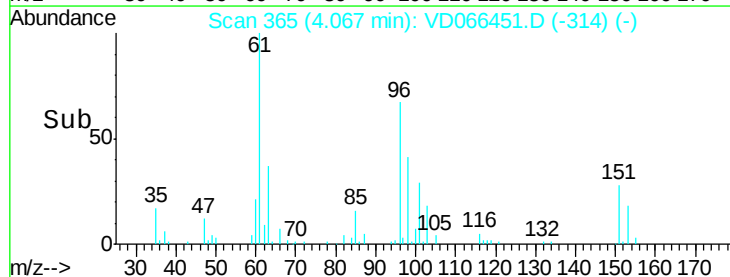
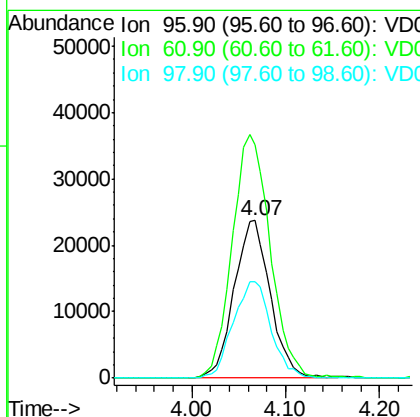
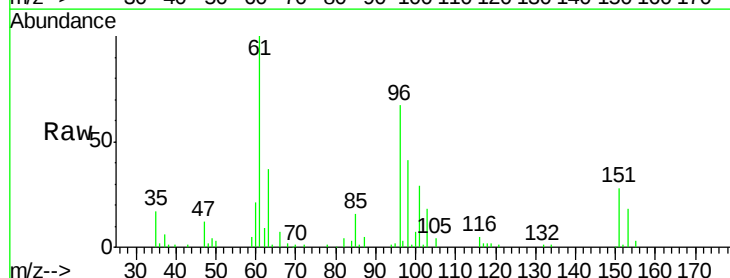
MMDadoda
8/31/2020 11:58:45 AM

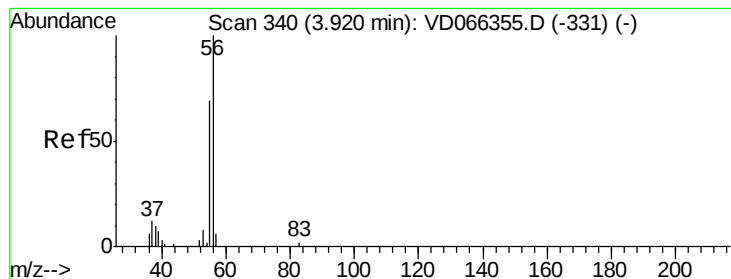


#12

1,1-Dichloroethene
Concen: 48.769 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	63319		
61	148.6	124.3	186.5	
98	61.5	53.2	79.8	





#13

Acrolein

Concen: 199.332 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 13824

Ion Ratio Lower Upper

56 100

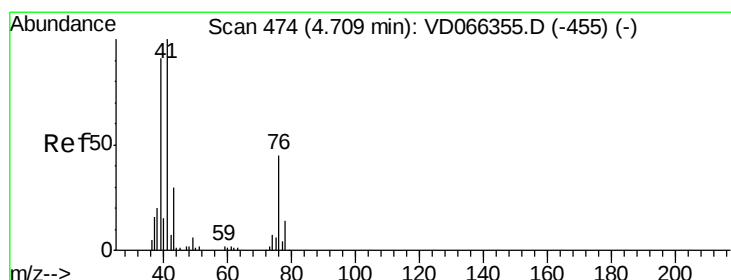
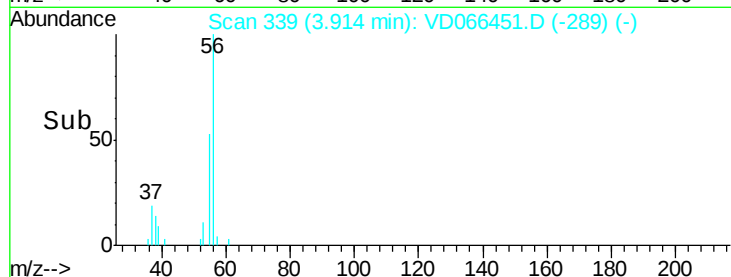
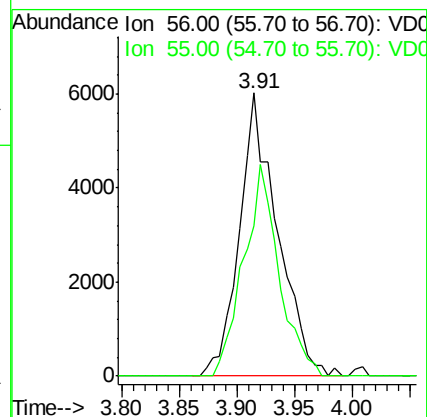
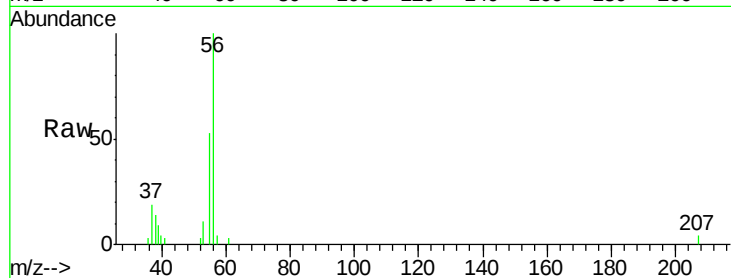
55 68.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 43.626 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

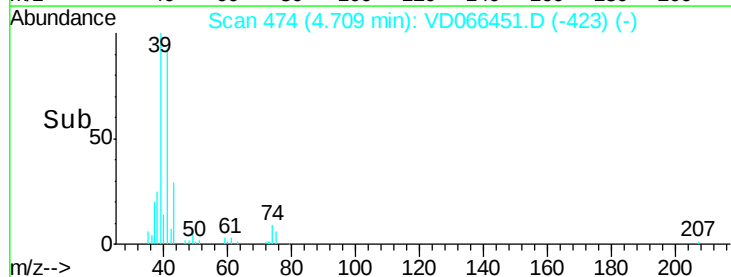
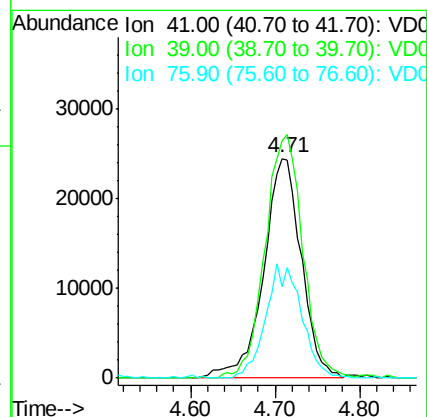
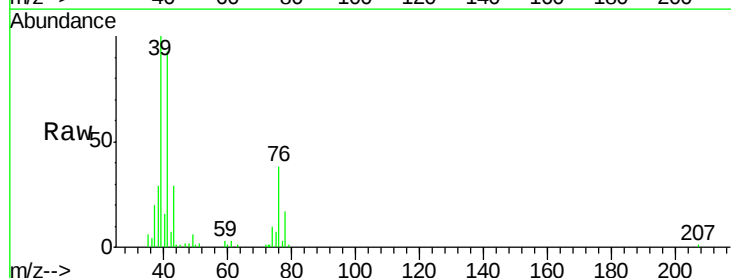
Tgt Ion: 41 Resp: 75601

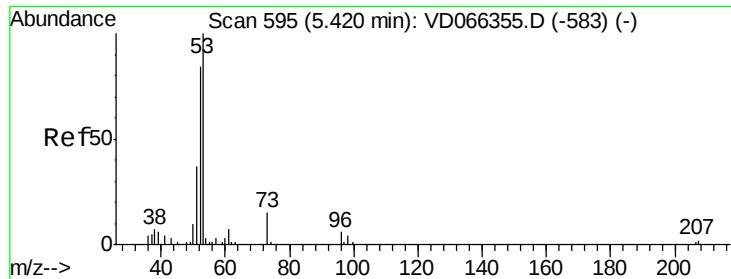
Ion Ratio Lower Upper

41 100

39 110.9 72.8 109.2#

76 49.4 34.0 51.0





#15

Acrylonitrile

Concen: 238.296 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

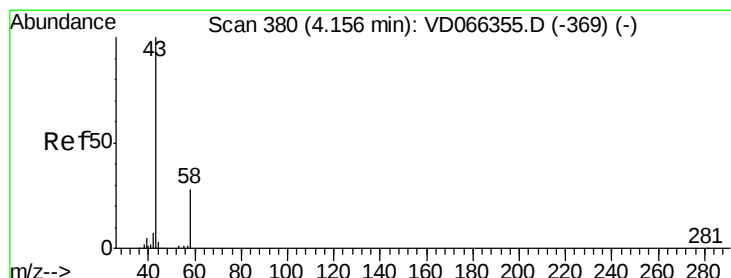
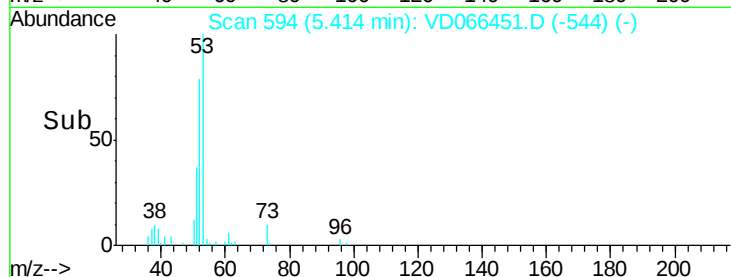
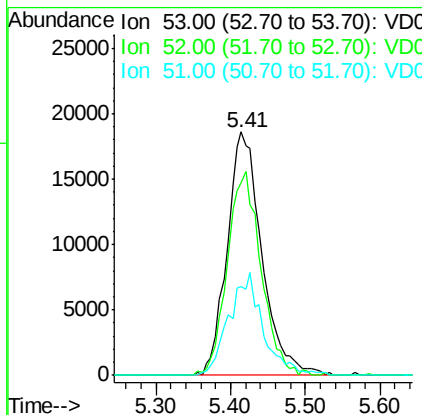
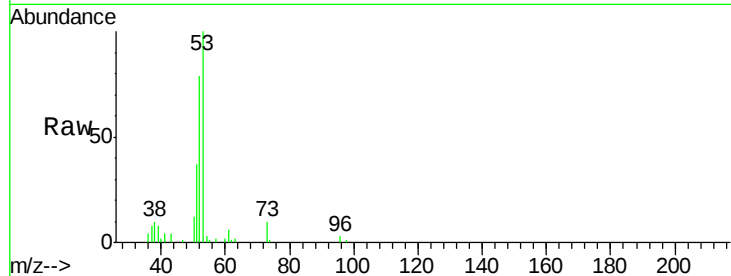
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	60039
Ion Ratio	Lower	Upper	
53	100		
52	80.8	68.1	102.1
51	41.6	33.8	50.6

Manual Integrations
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#16

Acetone

Concen: 276.155 ug/l

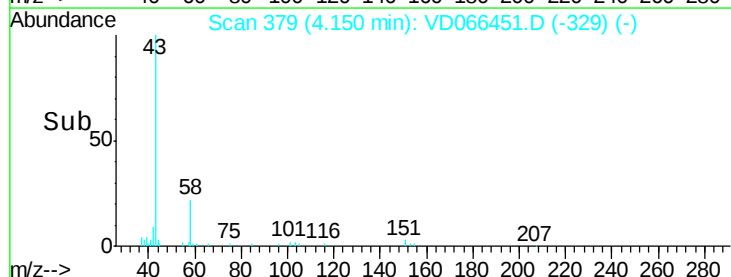
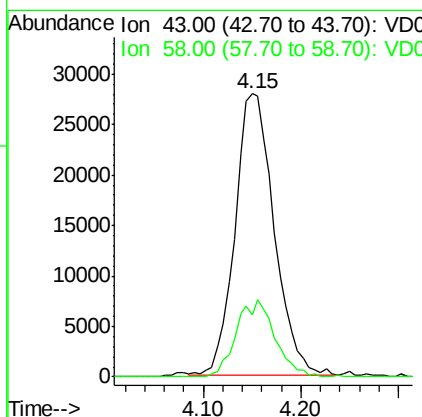
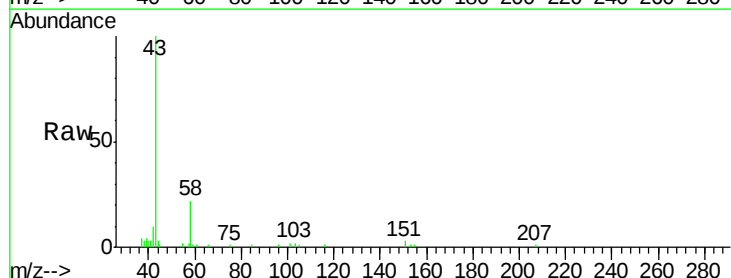
RT: 4.15 min Scan# 379

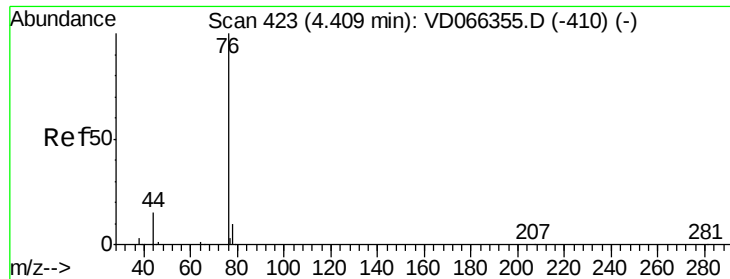
Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion:	43	Resp:	77754
Ion Ratio	Lower	Upper	
43	100		
58	22.2	22.7	34.1#





#17

Carbon Disulfide

Concen: 44.669 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 175759

Ion Ratio Lower Upper

76 100

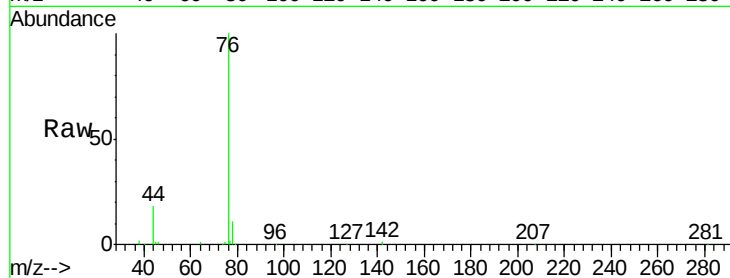
78 10.5 7.7 11.5

Manual Integrations

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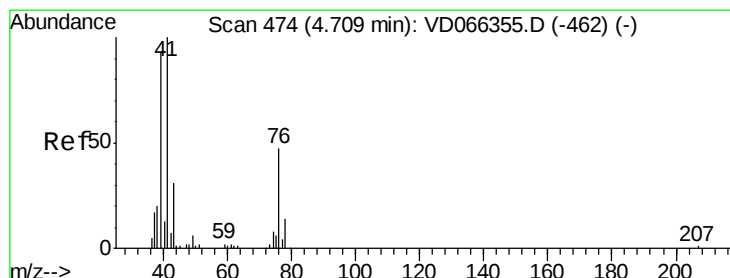
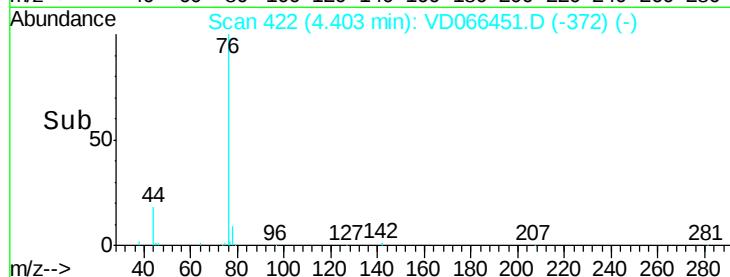
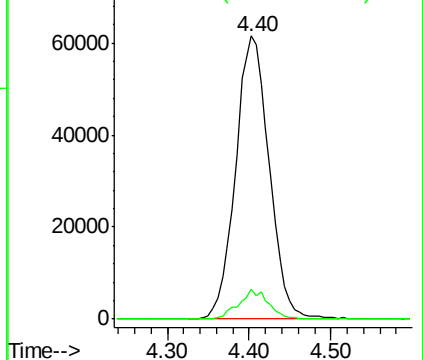
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 47.106 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066451.D

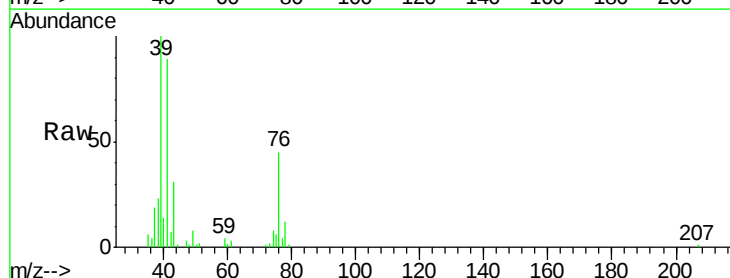
Acq: 28 Aug 2020 11:03

Tgt Ion: 43 Resp: 24893

Ion Ratio Lower Upper

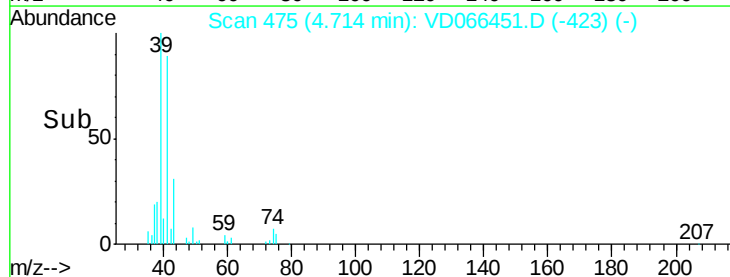
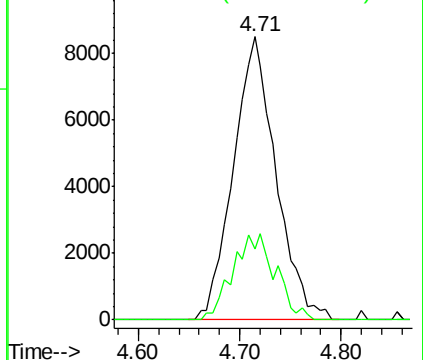
43 100

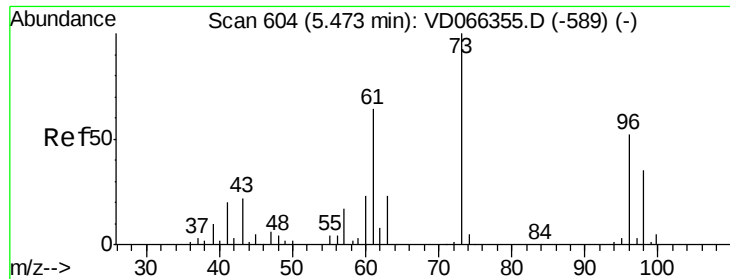
74 30.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





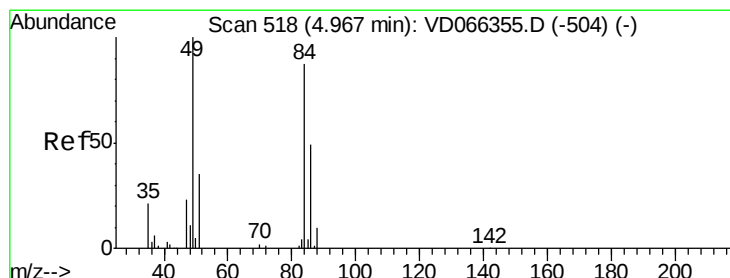
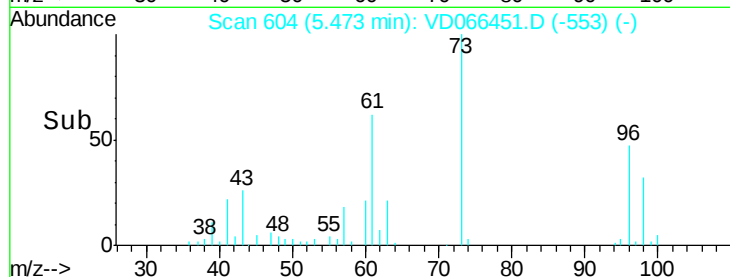
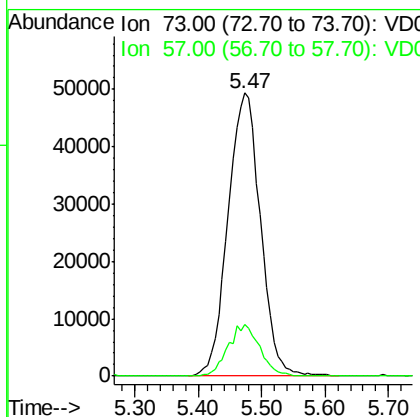
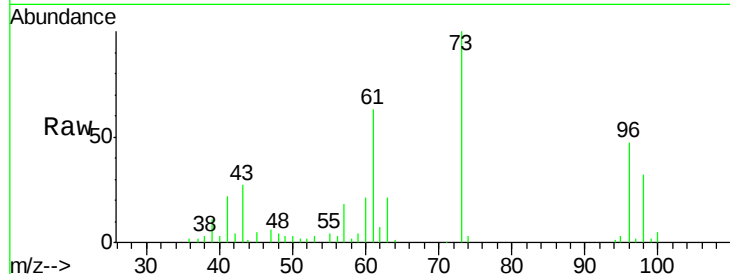
#19
Methyl tert-butyl Ether
Concen: 55.837 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.1	13.8	20.6

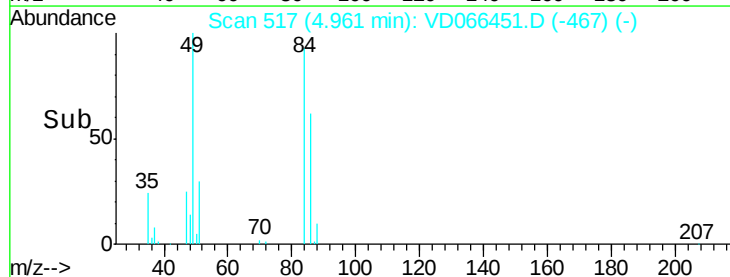
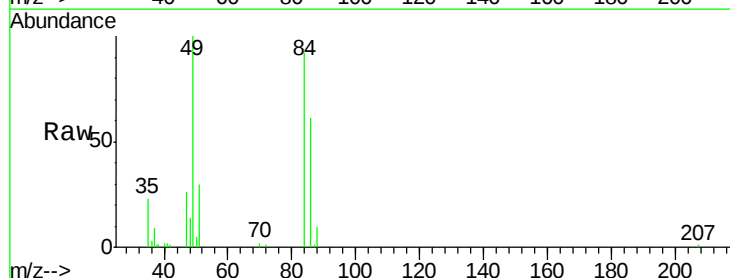
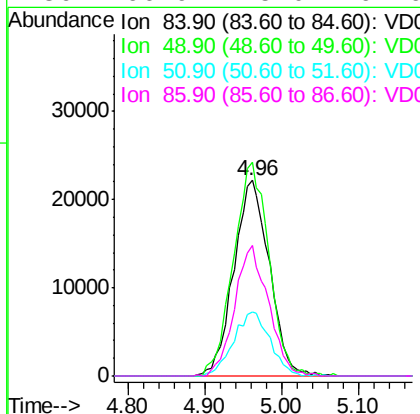
Manual Integrations
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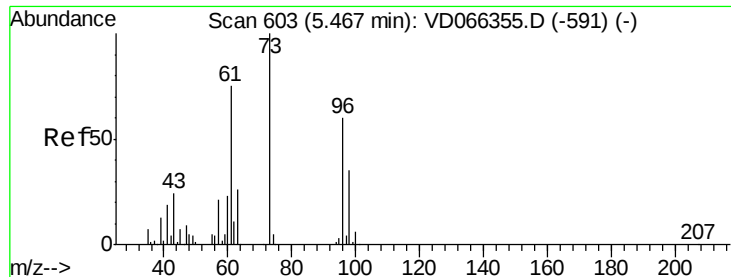
MMDadoda
8/31/2020 11:58:45 AM



#20
Methylene Chloride
Concen: 47.434 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.2	92.5	138.7
51	32.8	32.5	48.7
86	66.9	45.0	67.6





#21

trans-1,2-Dichloroethene

Concen: 49.050 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

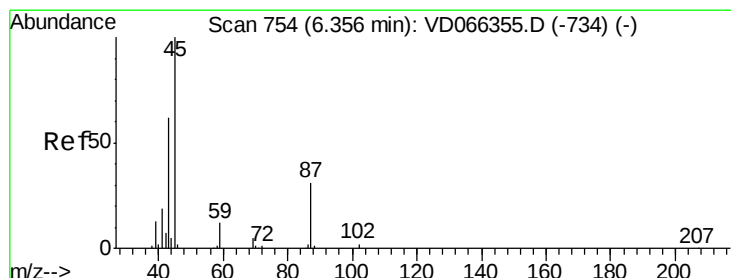
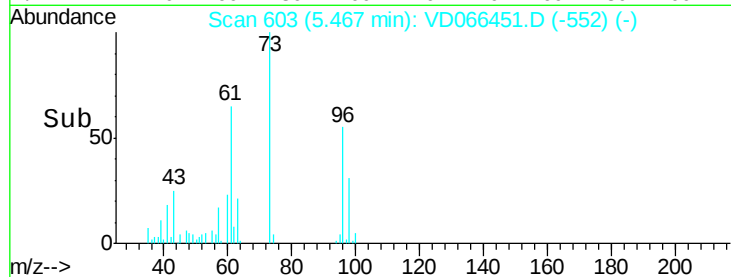
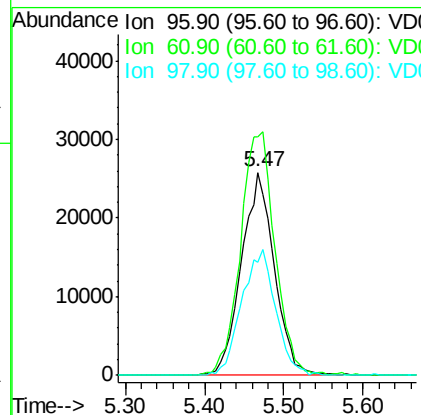
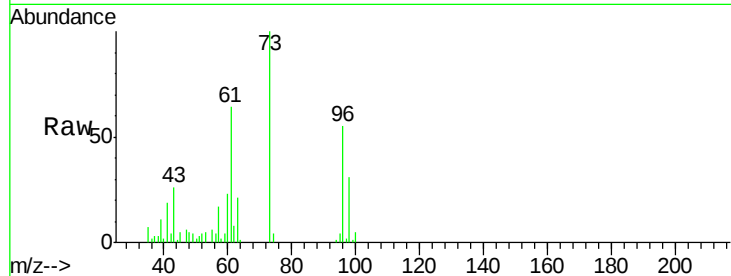
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	74131
Ion	Ratio	Lower	Upper
96	100		
61	117.5	101.1	151.7
98	56.0	47.0	70.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 45.043 ug/l

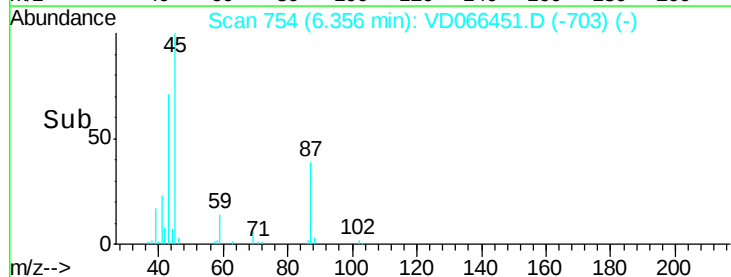
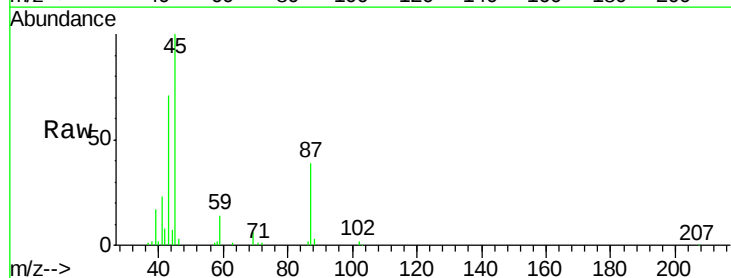
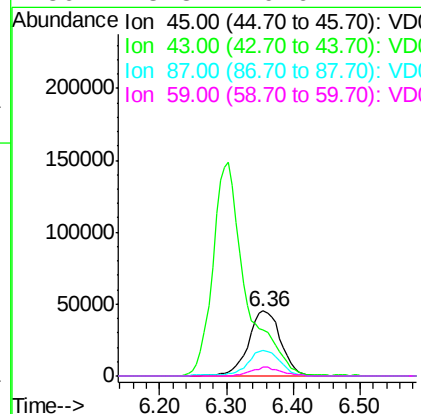
RT: 6.36 min Scan# 754

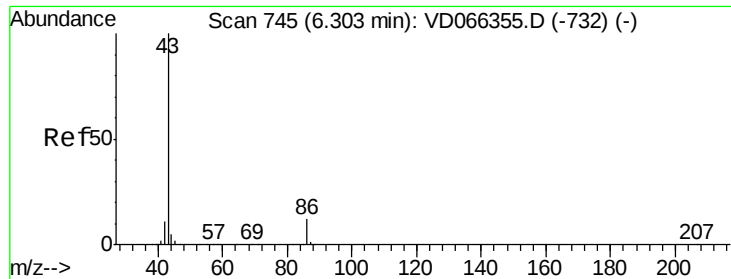
Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion:	45	Resp:	151129
Ion	Ratio	Lower	Upper
45	100		
43	70.1	49.8	74.8
87	39.3	25.0	37.6#
59	13.8	9.6	14.4





#23

Vinyl Acetate

Concen: 245.592 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 510113

Ion Ratio Lower Upper

43 100

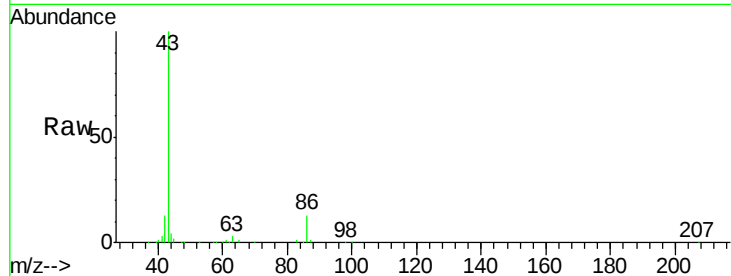
86 12.6 9.4 14.0

Manual Integrations

APPROVED

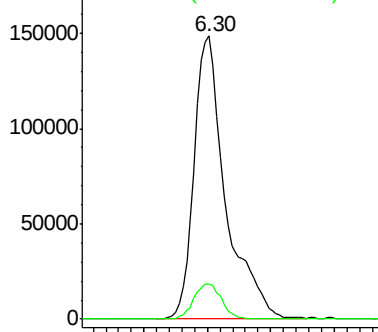
MMDadoda

8/31/2020 11:58:45 AM

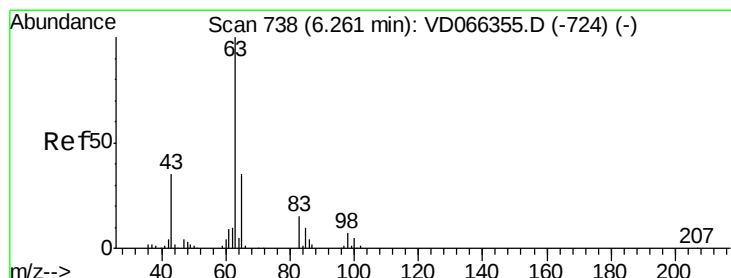
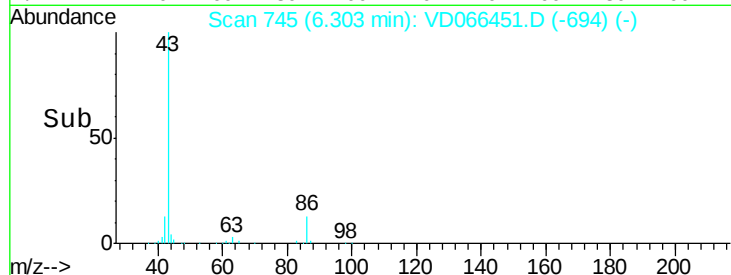


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 47.548 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

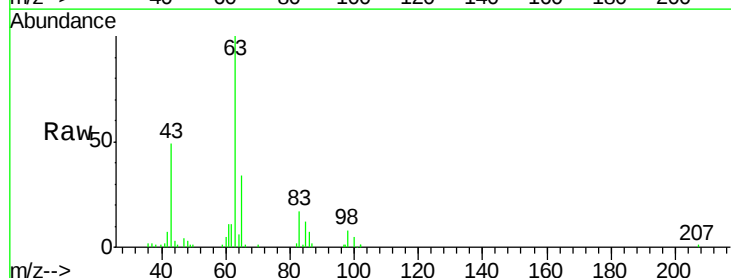
Tgt Ion: 63 Resp: 112738

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

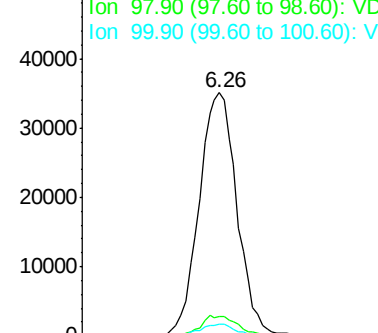
100 4.9 2.5 7.6



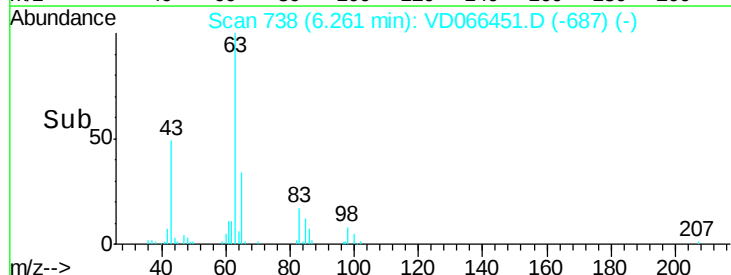
Abundance Ion 62.90 (62.60 to 63.60): VDC

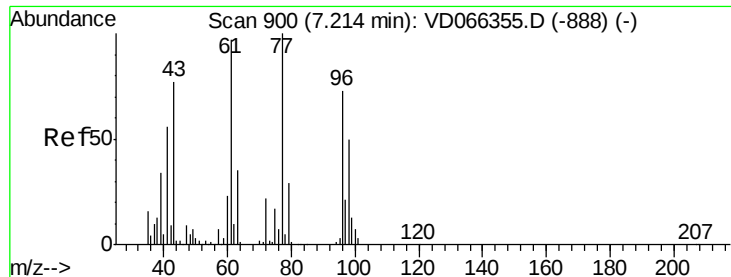
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->





#25

2-Butanone

Concen: 253.849 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 81140

Ion Ratio Lower Upper

43 100

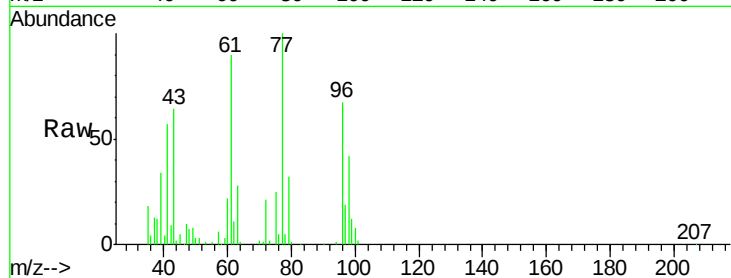
72 32.6 22.5 33.7

Manual Integrations

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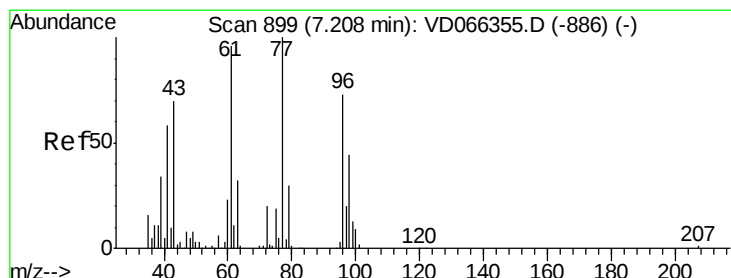
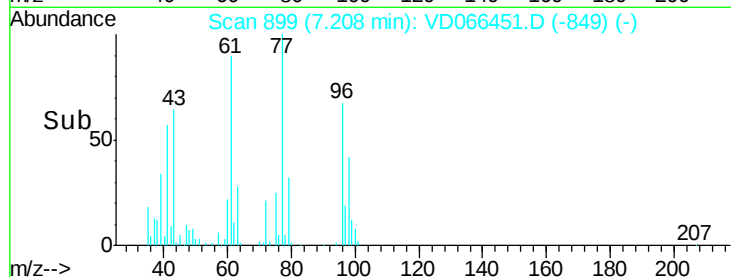
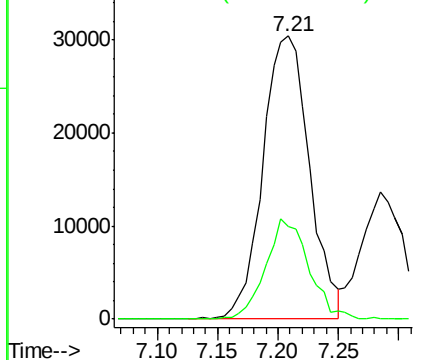
MMDadoda

8/31/2020 11:58:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 56.244 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066451.D

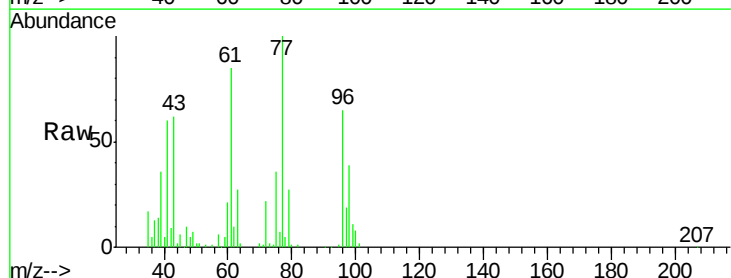
Acq: 28 Aug 2020 11:03

Tgt Ion: 77 Resp: 142932

Ion Ratio Lower Upper

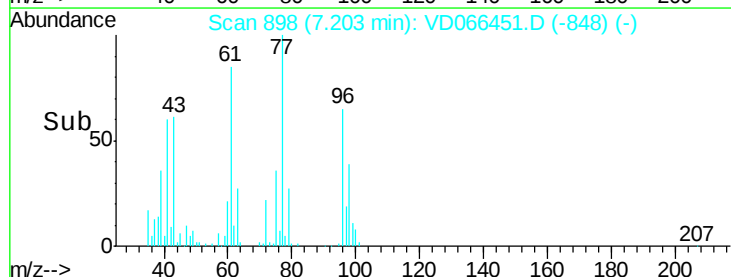
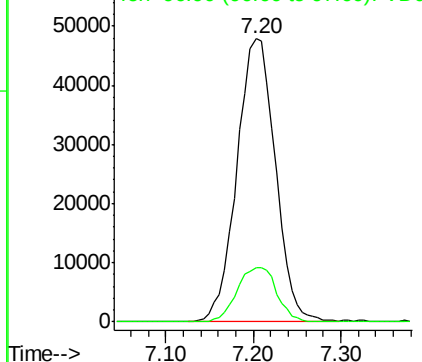
77 100

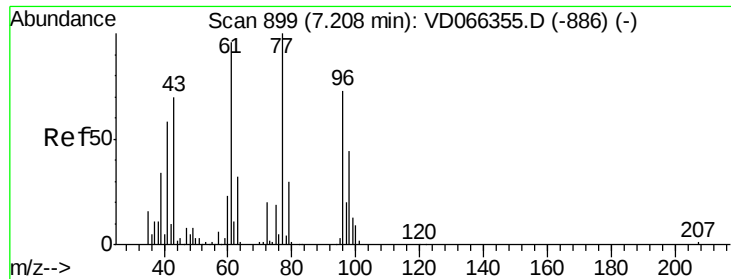
97 19.7 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





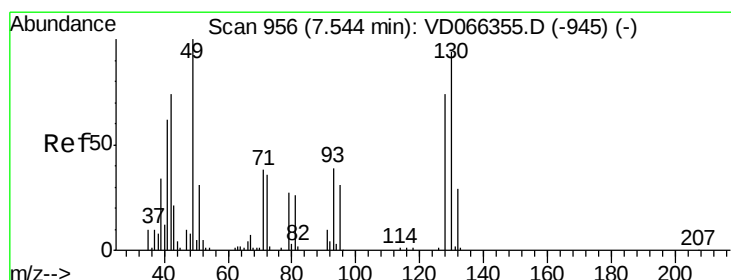
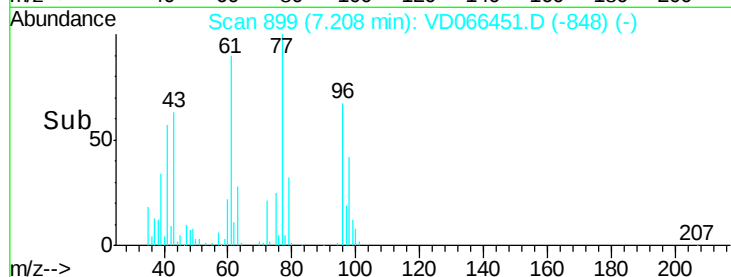
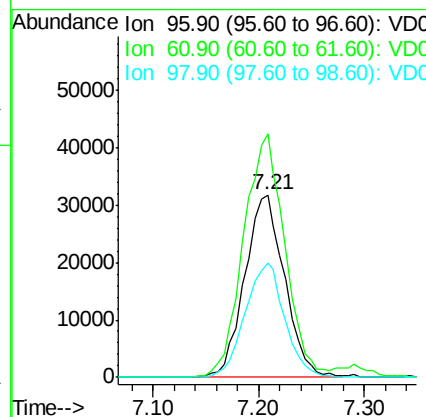
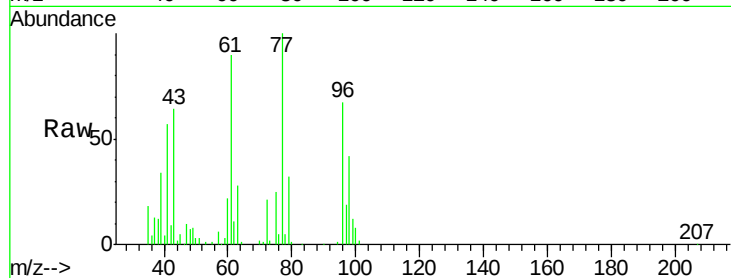
#27
 cis-1,2-Dichloroethene
 Concen: 51.372 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	83191		
61	137.8		0.0	281.4
98	62.0		0.0	132.2

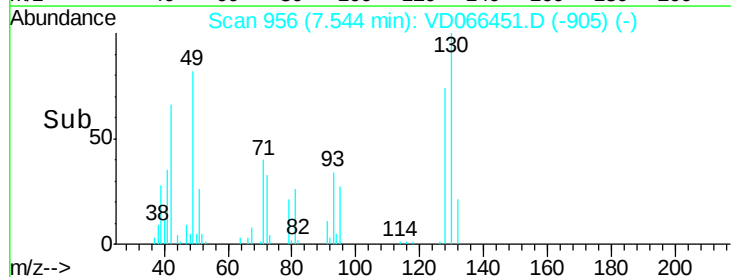
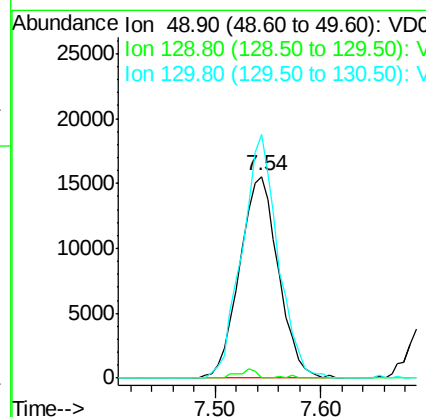
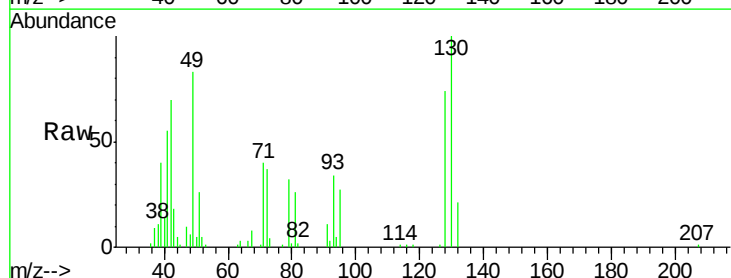
Manual Integrations
 APPROVED

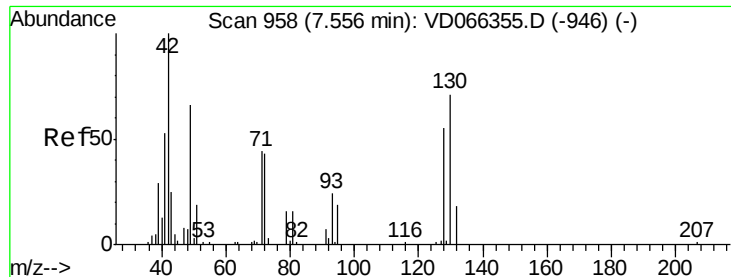
MMDadoda
 8/31/2020 11:58:45 AM



#28
 Bromochloromethane
 Concen: 48.281 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	39432		
129	1.9		0.0	3.0
130	112.1		82.6	124.0





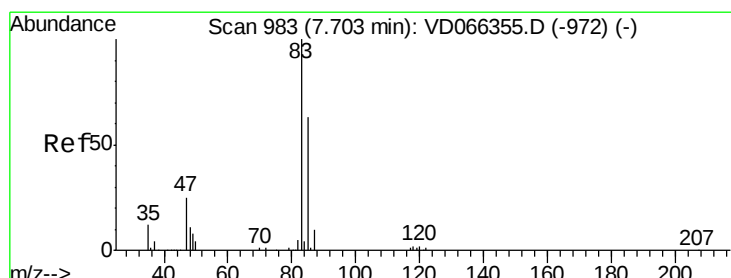
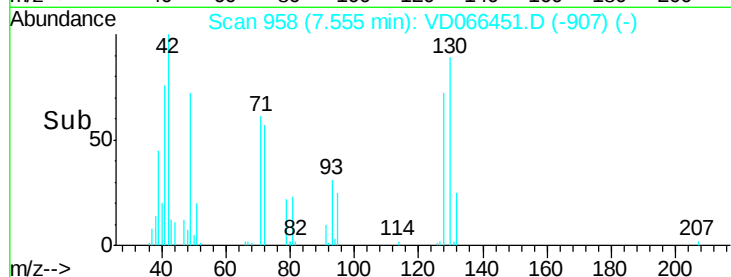
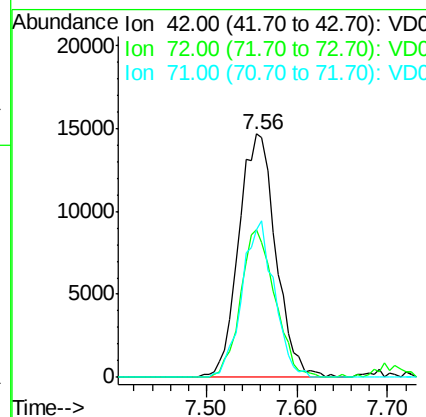
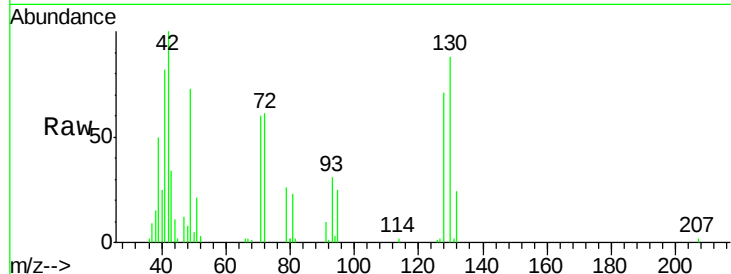
#29
Tetrahydrofuran
Concen: 228.999 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.6	41.0	61.4
71	56.1	37.2	55.8

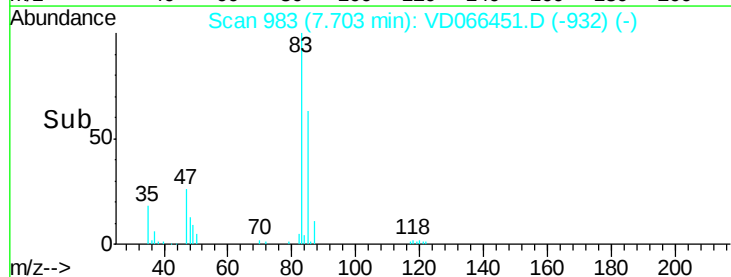
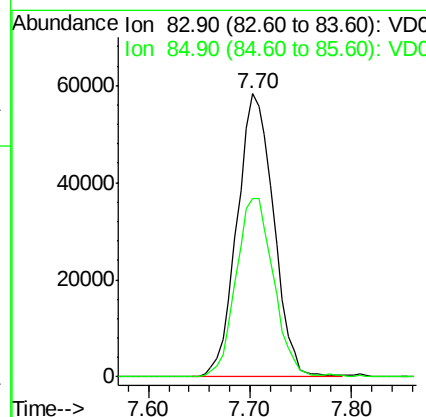
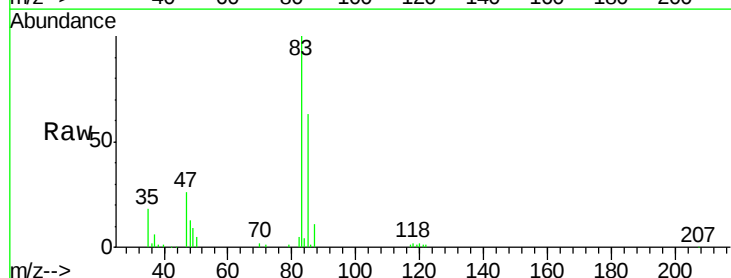
Manual Integrations
APPROVED

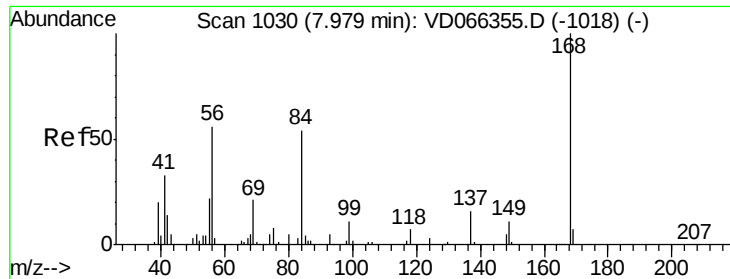
MMDadoda
8/31/2020 11:58:45 AM



#30
Chloroform
Concen: 53.059 ug/l
RT: 7.70 min Scan# 983
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





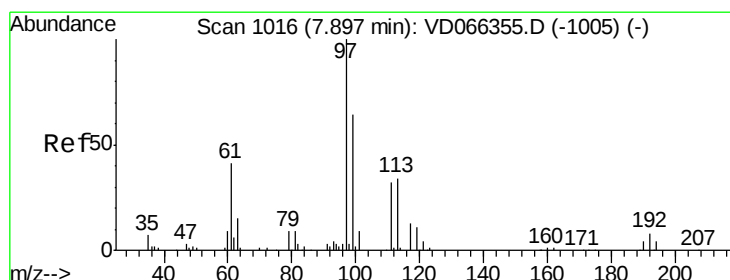
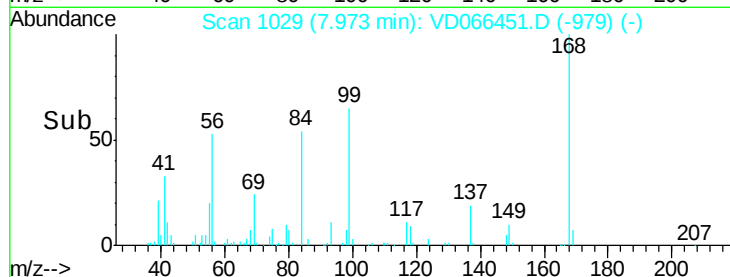
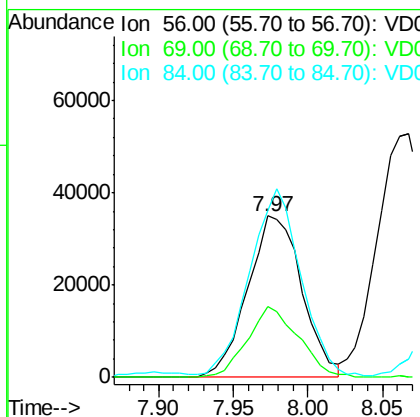
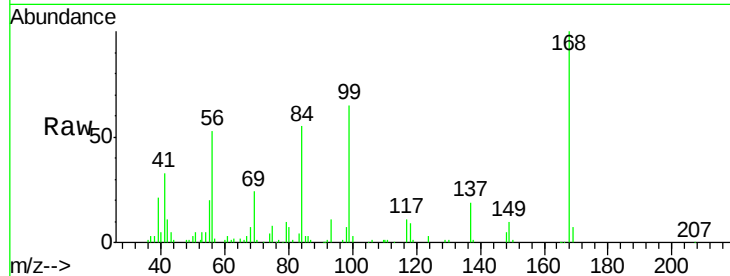
#31
Cyclohexane
Concen: 40.797 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	69	84
Resp	88469		
Ion Ratio	100	43.5	101.4
Lower		29.6	76.6
Upper		44.4	115.0

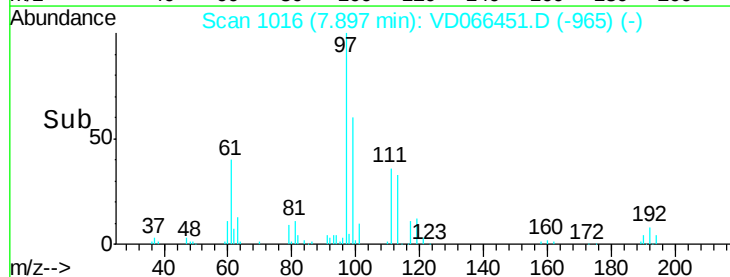
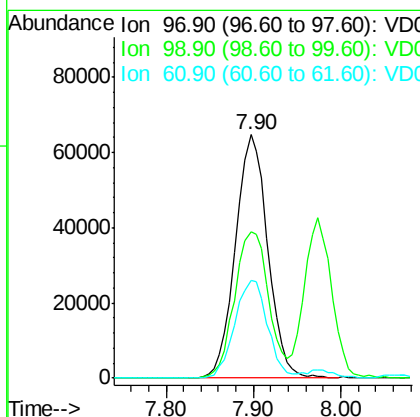
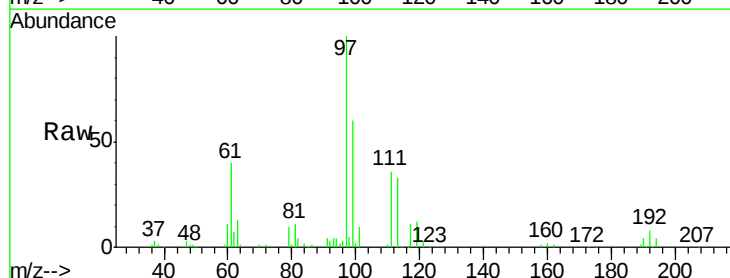
Manual Integrations
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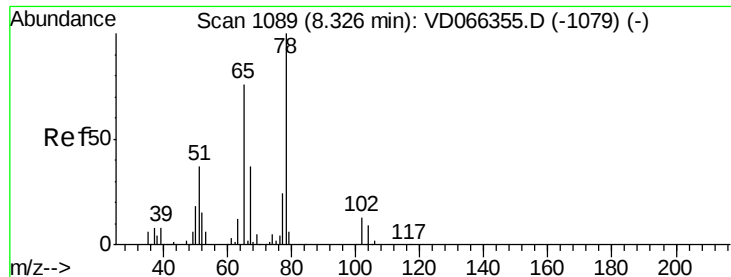
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 57.579 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	97	99	61
Resp	161660		
Ion Ratio	100	63.7	40.9
Lower		51.5	33.3
Upper		77.3	49.9





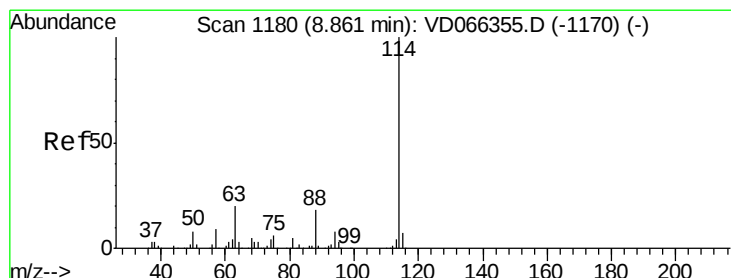
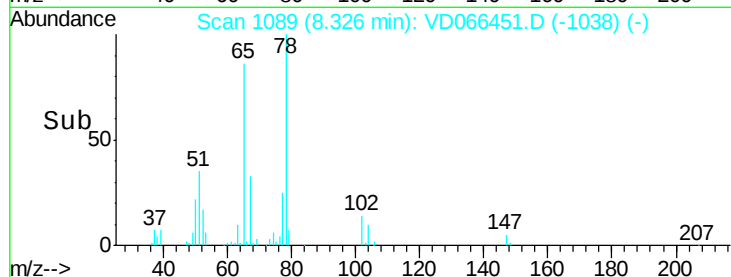
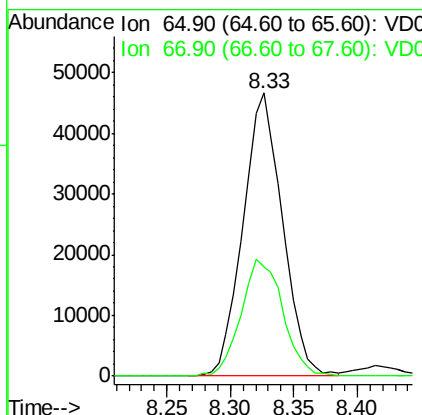
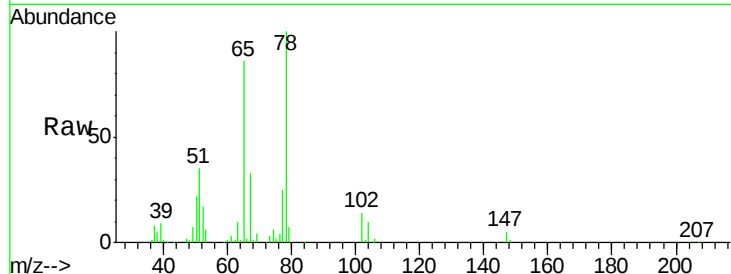
#33
 1,2-Dichloroethane-d4
 Concen: 64.729 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	101090		
67	43.4	0.0	101.6	

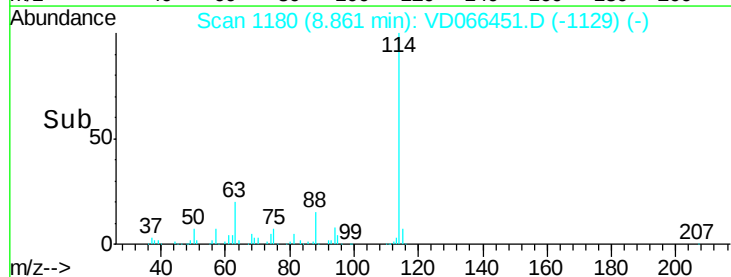
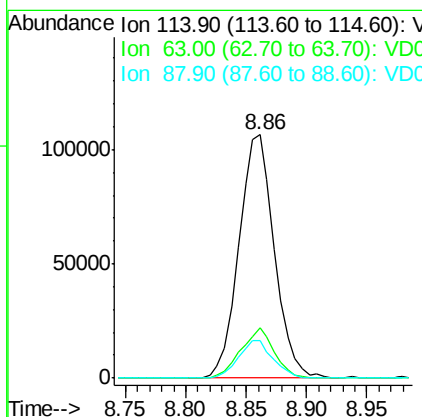
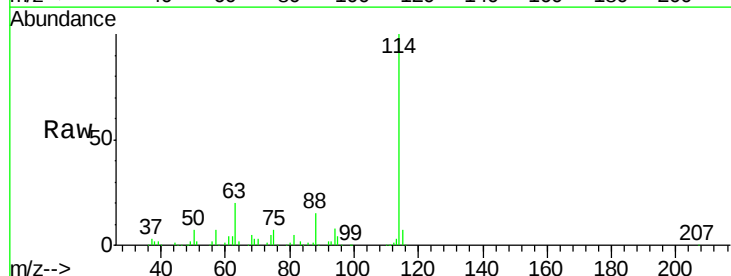
Manual Integrations
 APPROVED

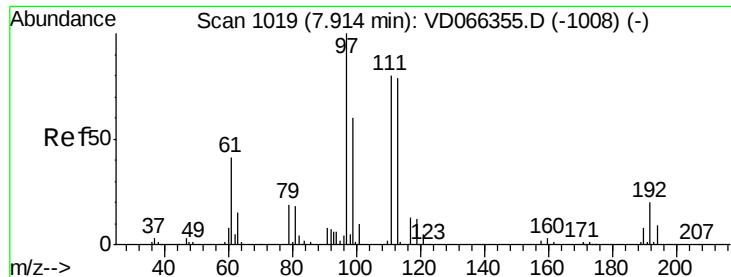
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	217667		
63	20.4	0.0	40.8	
88	15.4	0.0	35.4	





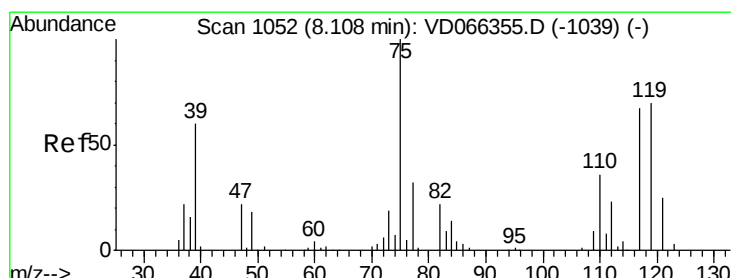
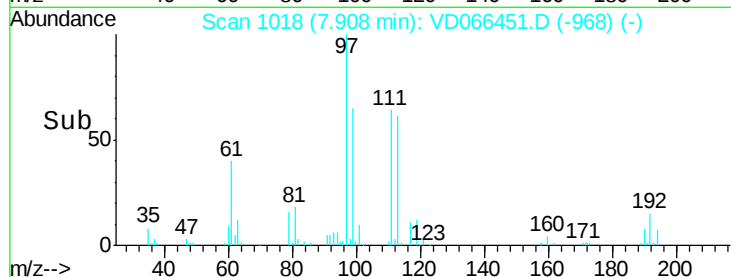
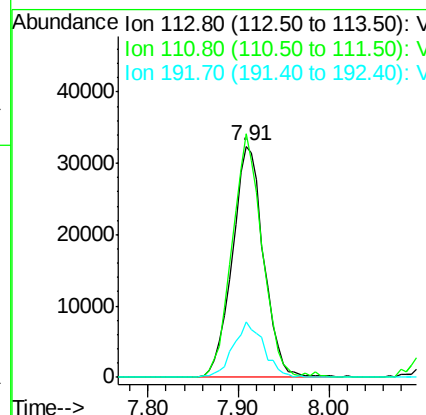
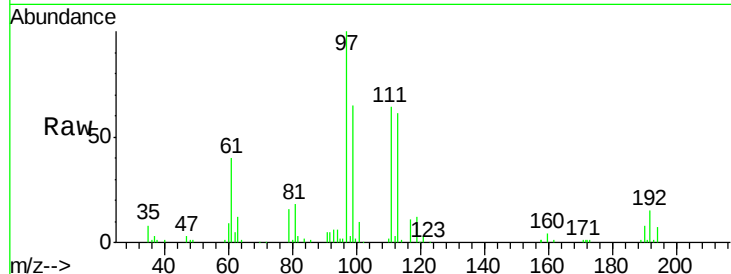
#35
Dibromofluoromethane
Concen: 57.109 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	77730		
111	101.1		80.3	120.5
192	23.3		19.0	28.6

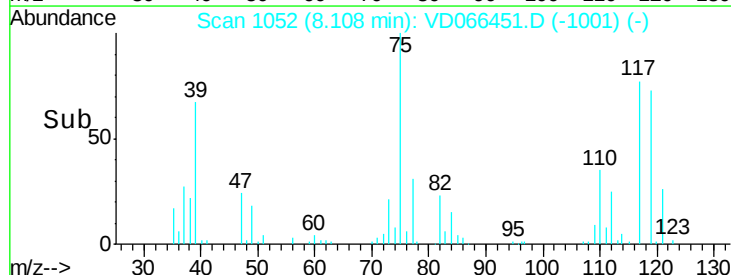
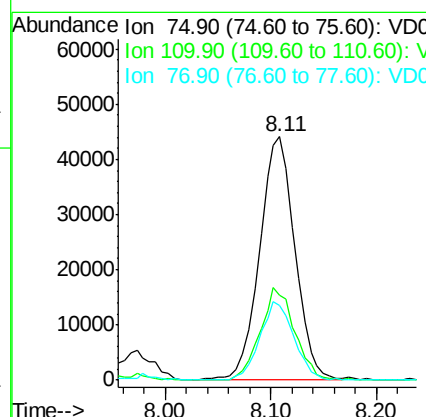
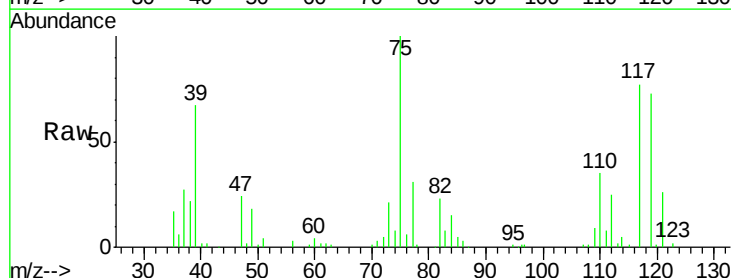
Manual Integrations
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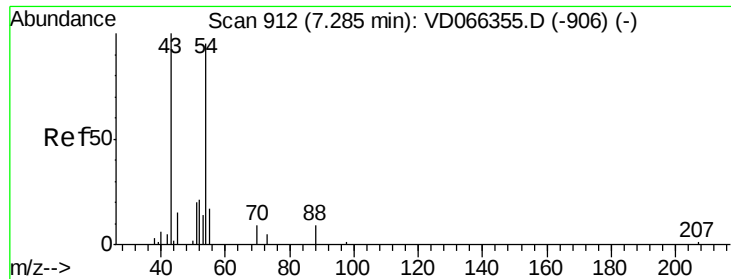
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.585 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102452		
110	37.2		18.7	56.1
77	31.2		25.2	37.8





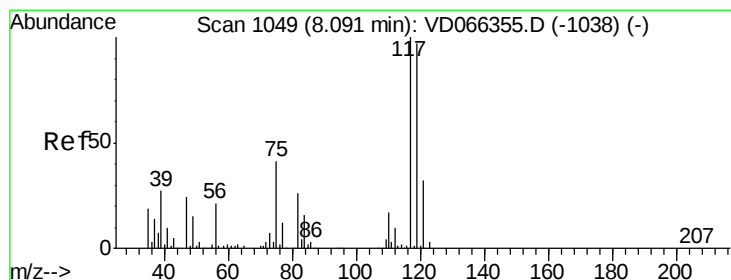
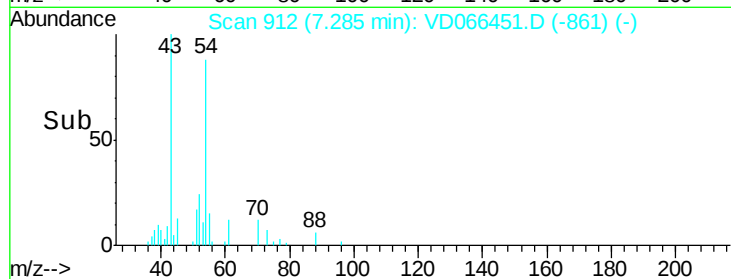
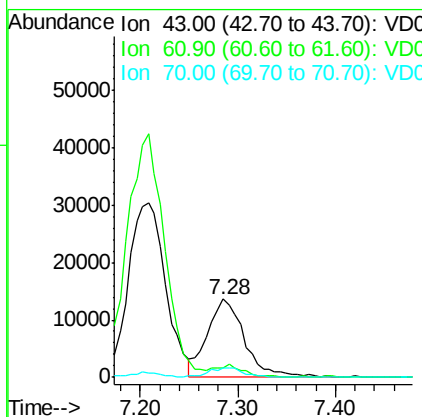
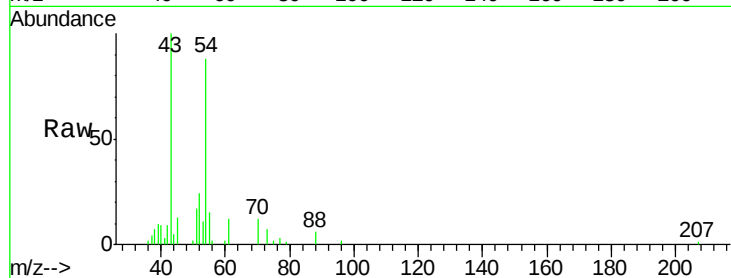
#37
Ethyl Acetate
Concen: 53.325 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	13.3	19.9#
70	11.5	3.5	5.3#

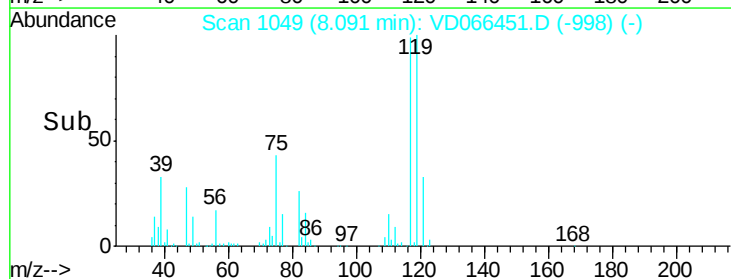
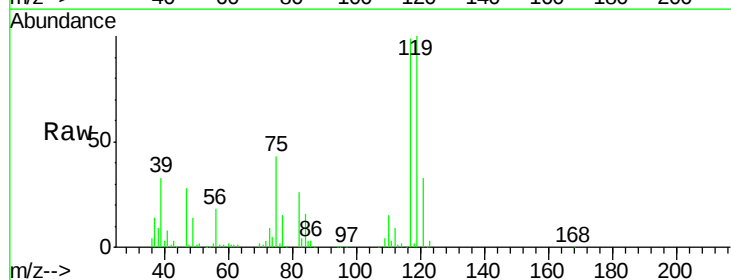
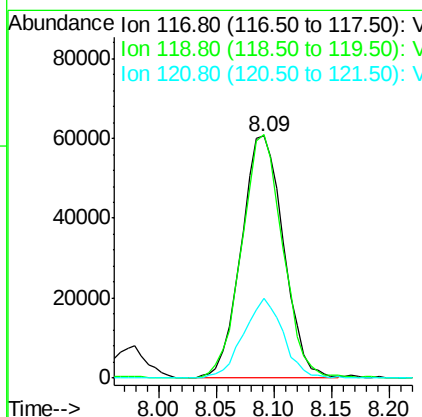
Manual Integrations
APPROVED

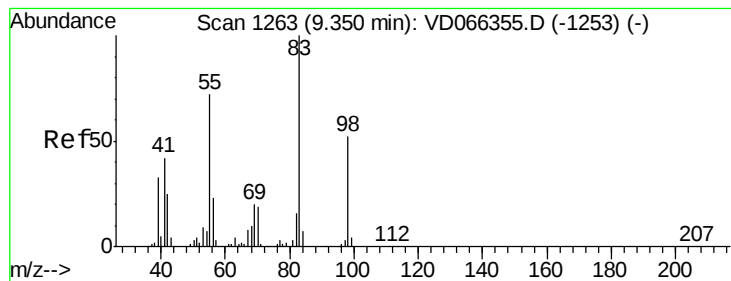
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#38
Carbon Tetrachloride
Concen: 59.792 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.2	115.8
121	32.9	25.8	38.8





#39

Methvlcvclohexane

Concen: 50.811 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

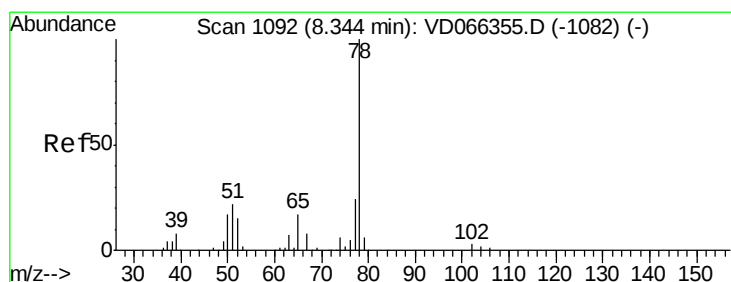
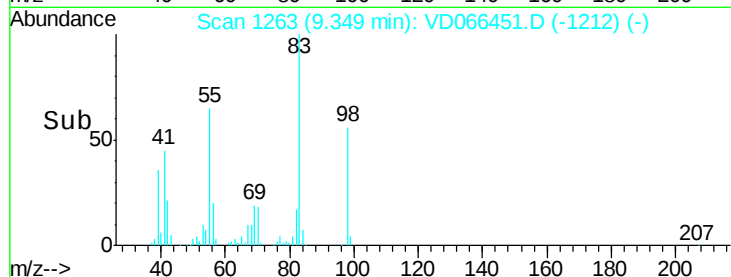
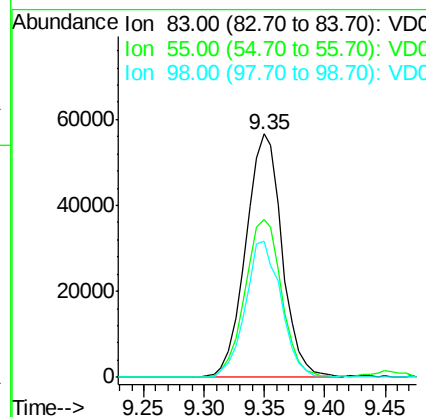
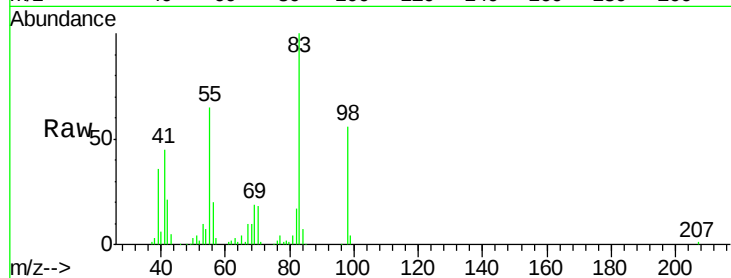
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	118874
Ion	Ratio	Lower	Upper
83	100		
55	65.1	58.0	87.0
98	55.7	41.9	62.9

Manual Integrations
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#40

Benzene

Concen: 51.622 ug/l

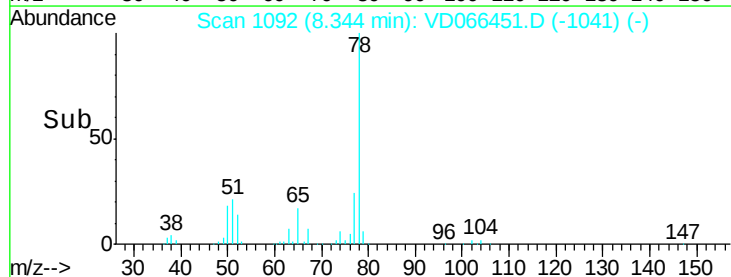
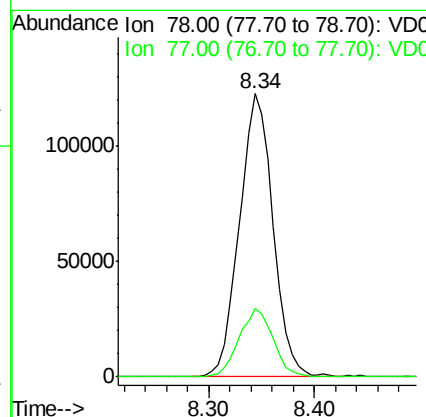
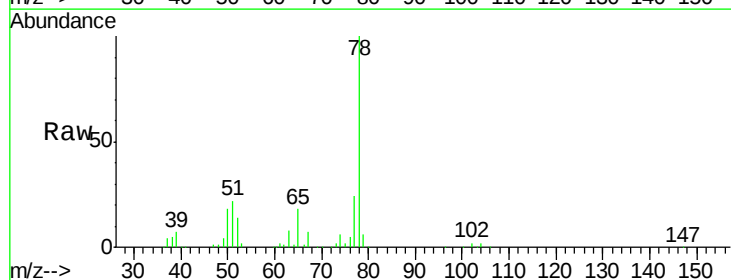
RT: 8.34 min Scan# 1092

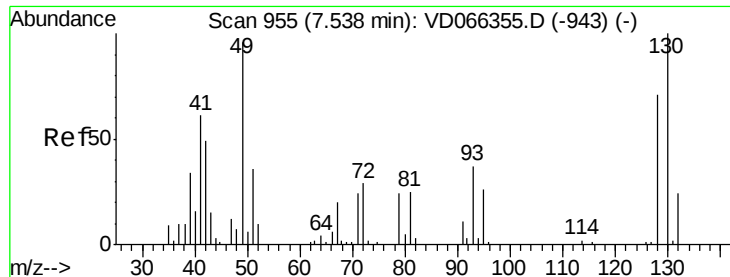
Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion:	78	Resp:	269710
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





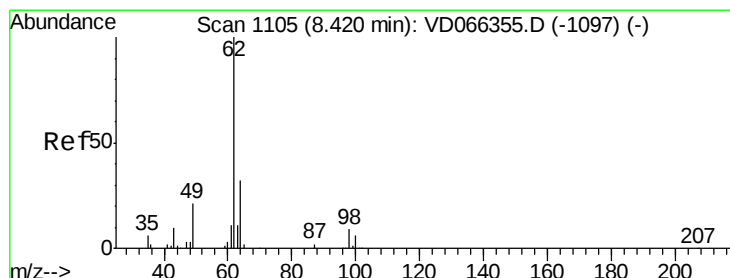
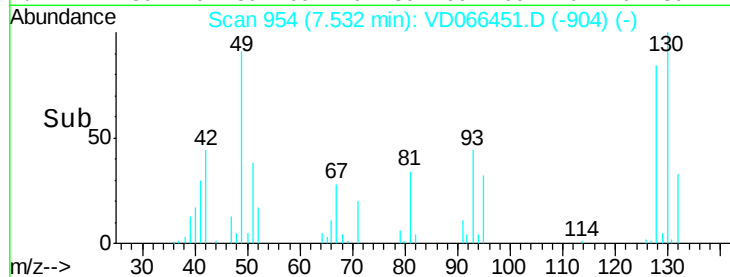
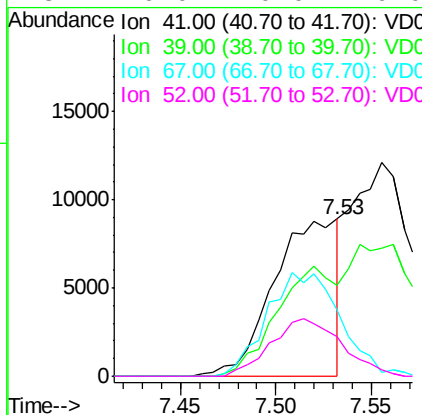
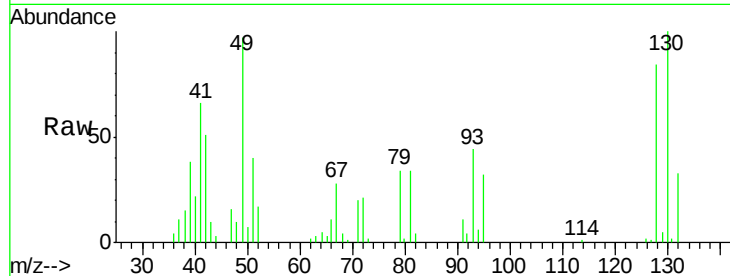
#41
Methacrylonitrile
Concen: 50.475 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	90.7	51.8	77.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

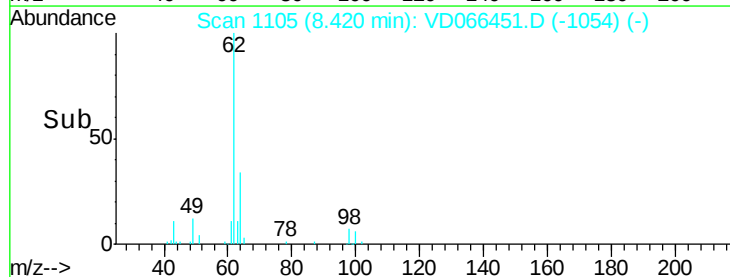
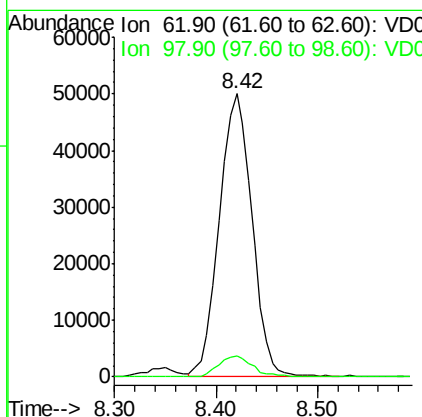
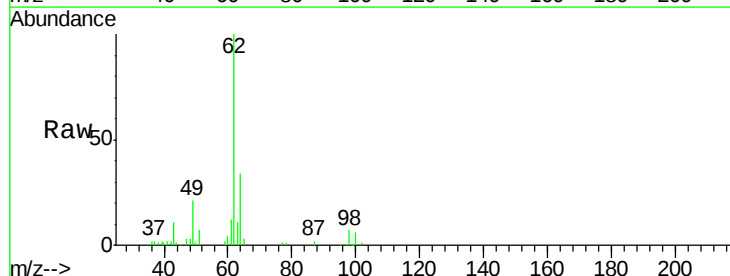
Manual Integrations
APPROVED

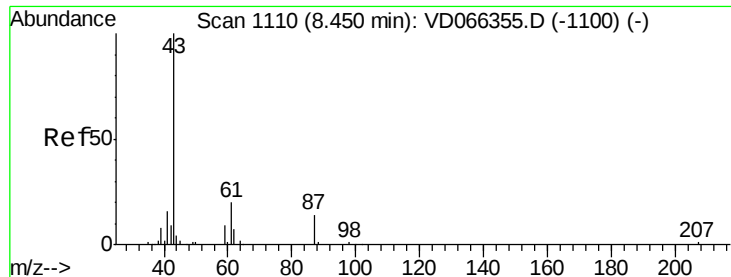
MMDadoda
8/31/2020 11:58:45 AM



#42
1,2-Dichloroethane
Concen: 60.895 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2





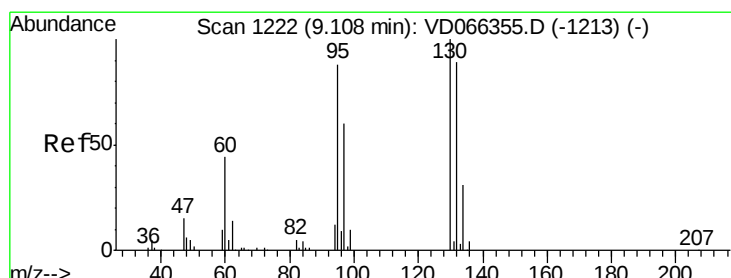
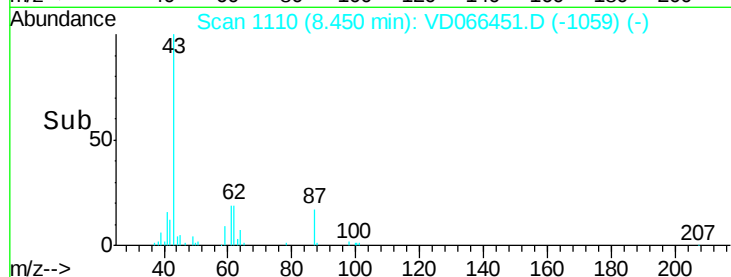
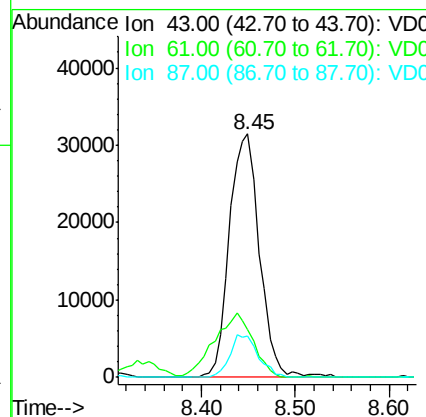
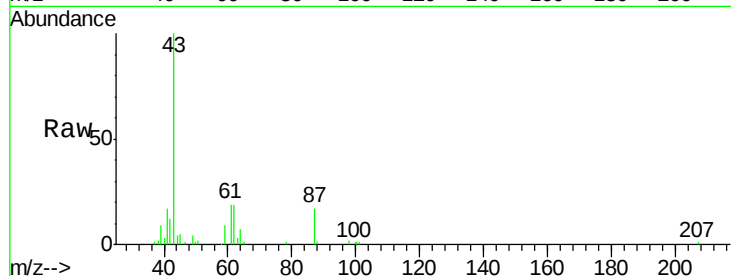
#43
Isopropyl Acetate
Concen: 51.710 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	70109
Ion	Ratio	Lower	Upper
43	100		
61	33.9	26.5	39.7
87	16.2	11.9	17.9

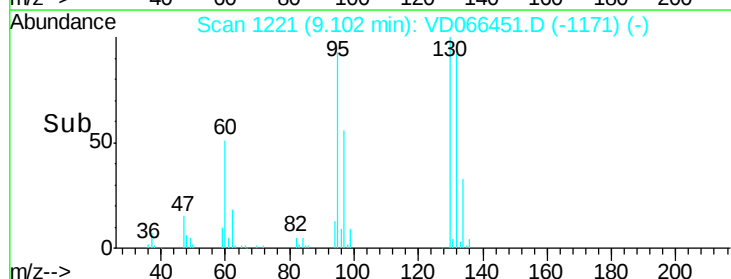
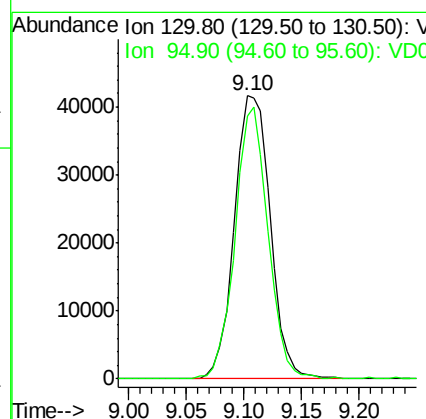
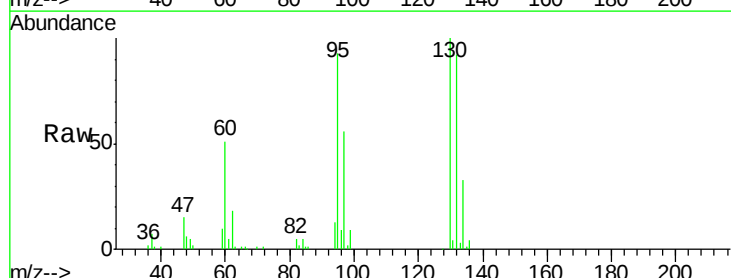
Manual Integrations
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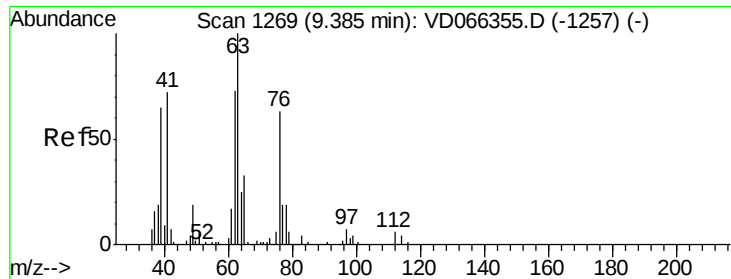
MMDadoda
8/31/2020 11:58:45 AM



#44
Trichloroethene
Concen: 52.907 ug/l
RT: 9.10 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	130	Resp	89821
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	175.6





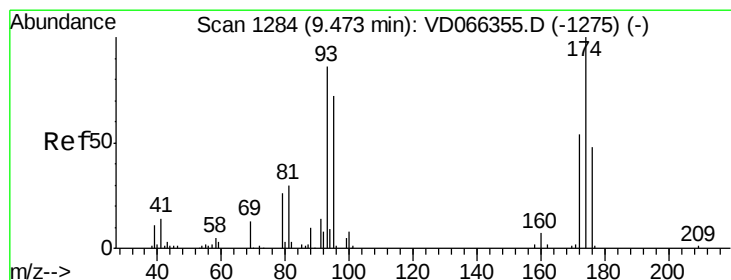
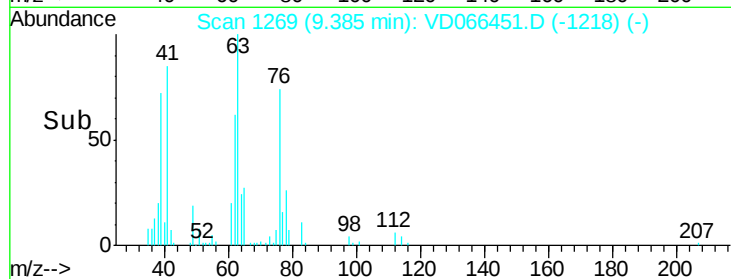
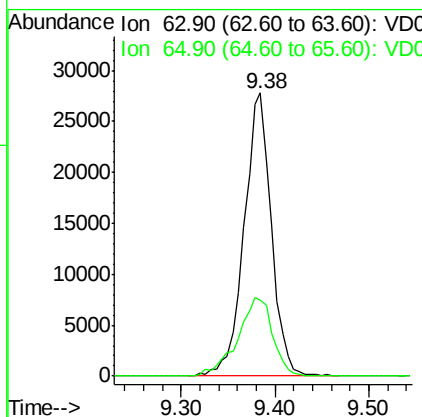
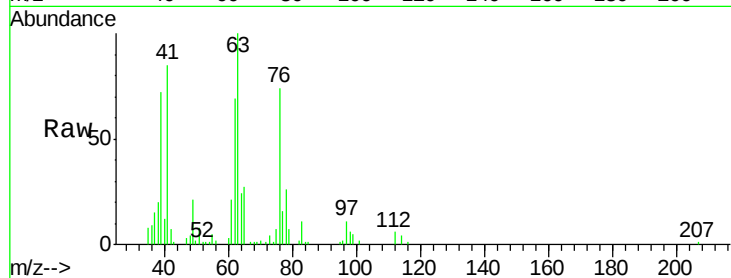
#45
 1,2-Dichloropropane
 Concen: 47.044 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 55722
 Ion Ratio Lower Upper
 63 100
 65 26.7 26.4 39.6

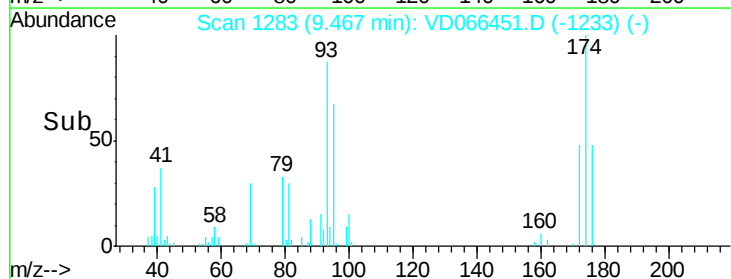
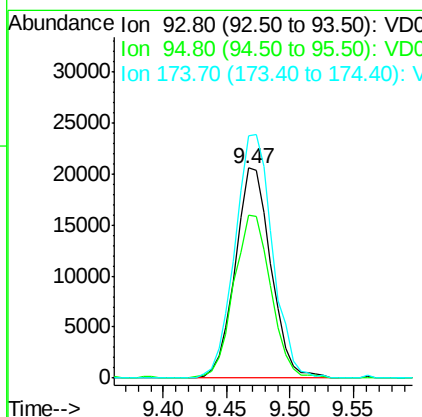
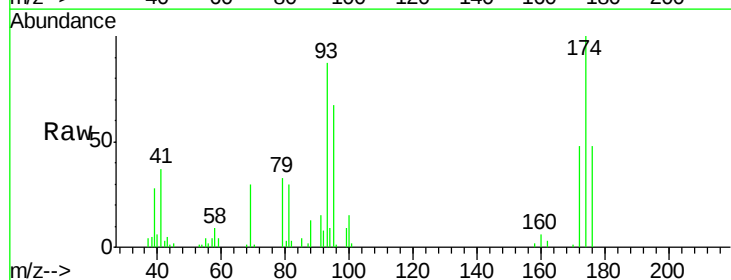
Manual Integrations
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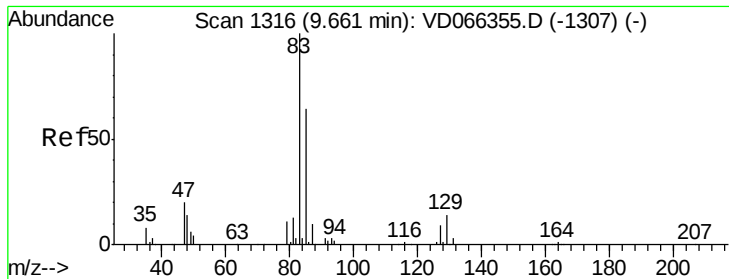
MMDadoda
 8/31/2020 11:58:45 AM



#46
 Dibromomethane
 Concen: 54.659 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion: 93 Resp: 40310
 Ion Ratio Lower Upper
 93 100
 95 80.2 66.0 99.0
 174 122.0 94.6 141.8





#47

Bromodichloromethane

Concen: 58.019 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

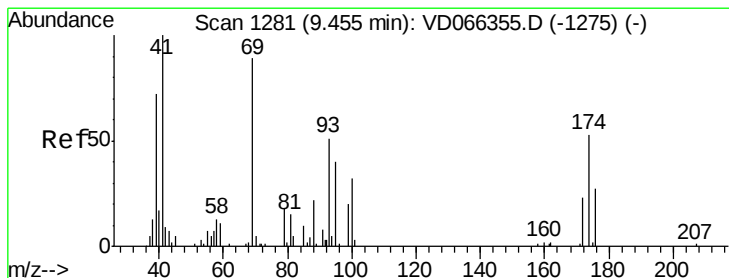
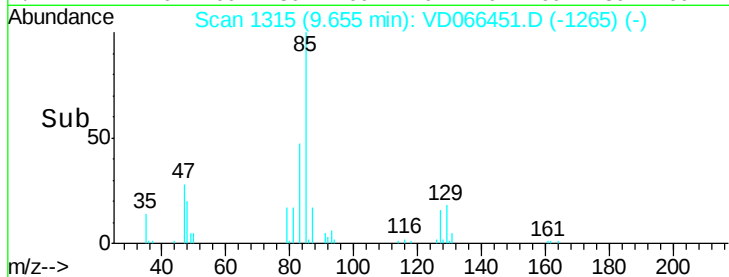
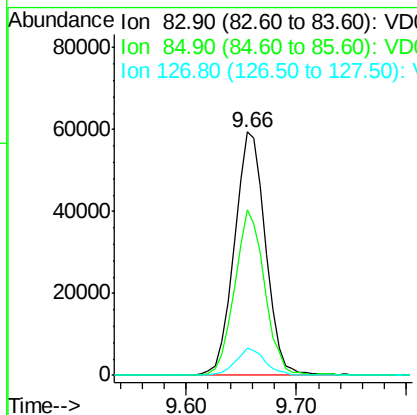
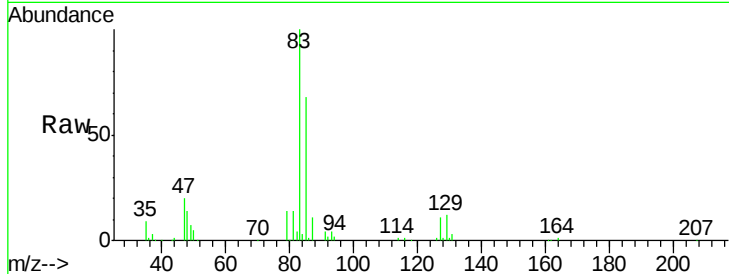
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	117668
Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.4	77.0
127	11.0	7.4	11.0

Manual Integrations
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MMDadoda
8/31/2020 11:58:45 AM



#48

Methyl methacrylate

Concen: 46.911 ug/l

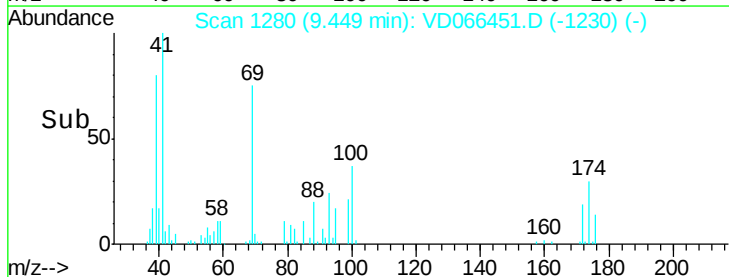
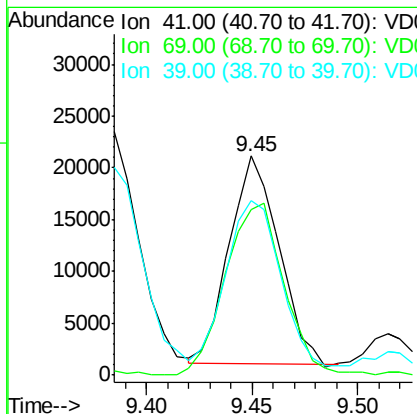
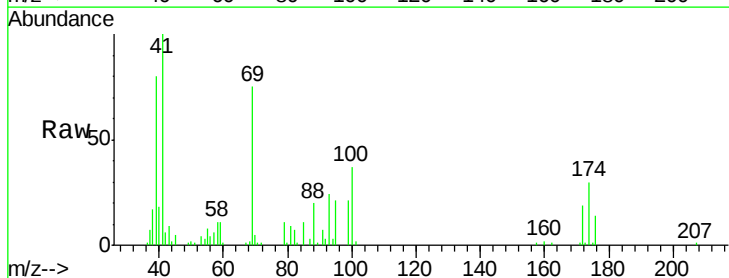
RT: 9.45 min Scan# 1280

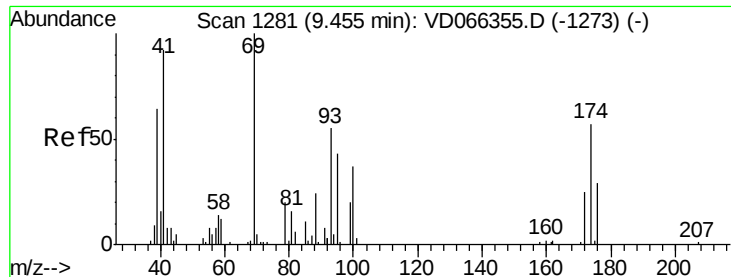
Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion:	41	Resp:	32798
Ion	Ratio	Lower	Upper
41	100		
69	97.4	75.5	113.3
39	87.1	57.0	85.4#





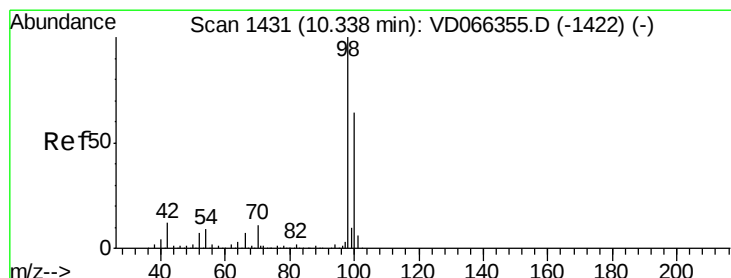
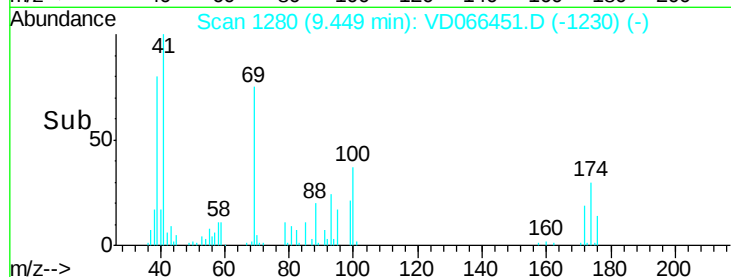
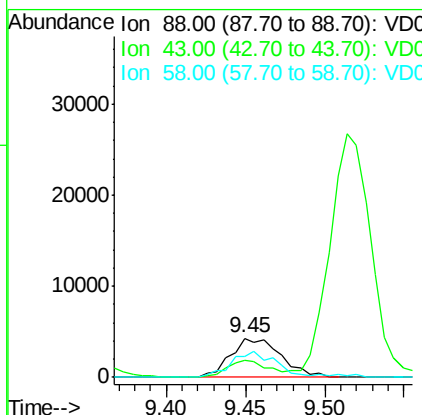
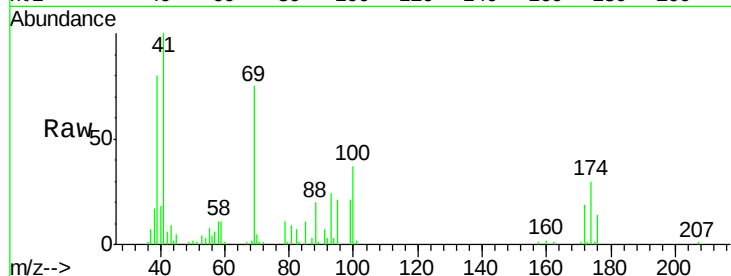
#49
1,4-Dioxane
Concen: 1101.211 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	29.4	44.0
58	60.0	45.4	68.2

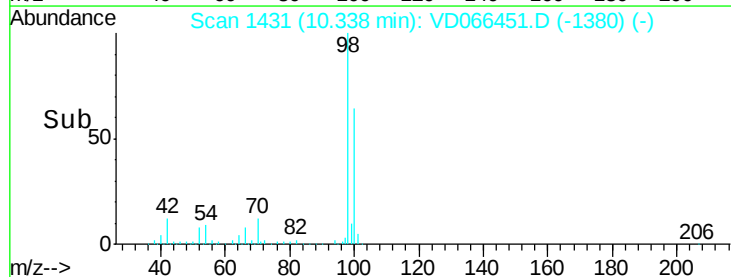
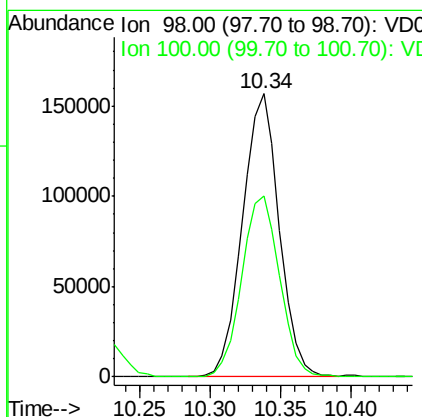
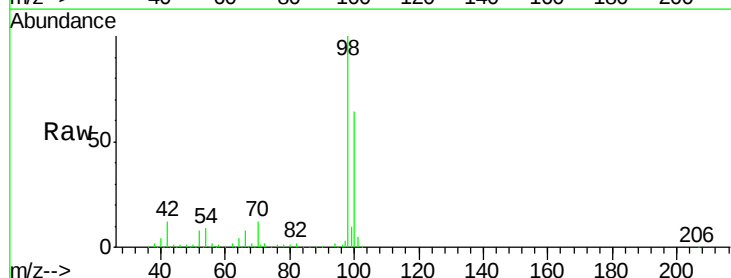
Manual Integrations
APPROVED

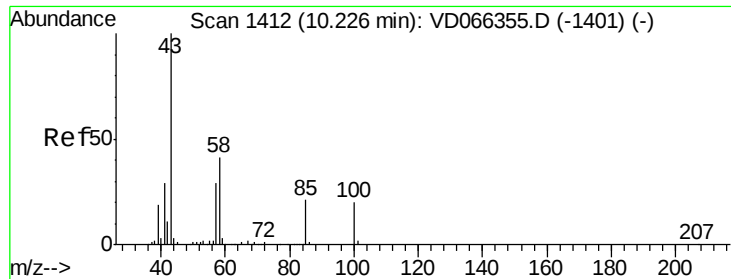
MMDadoda
8/31/2020 11:58:45 AM



#50
Toluene-d8
Concen: 57.428 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 254.722 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 167069

Ion Ratio Lower Upper

43 100

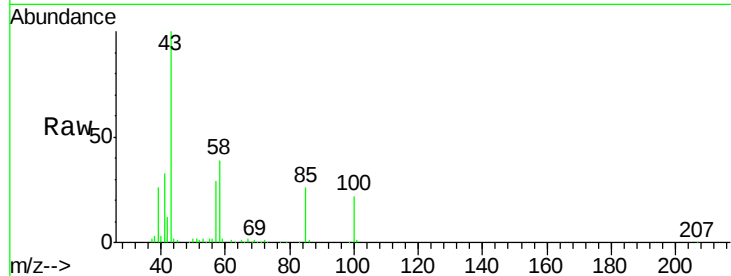
58 39.6 31.4 47.2

Manual Integrations

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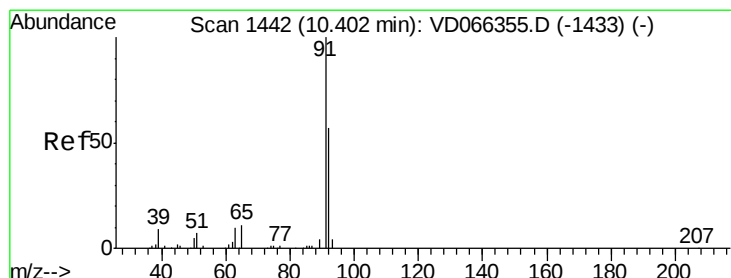
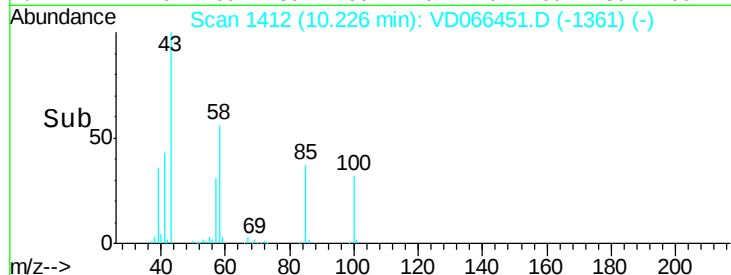
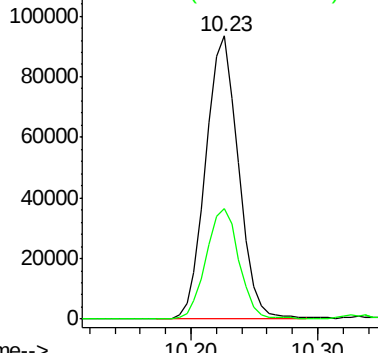
MMDadoda

8/31/2020 11:58:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.220 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066451.D

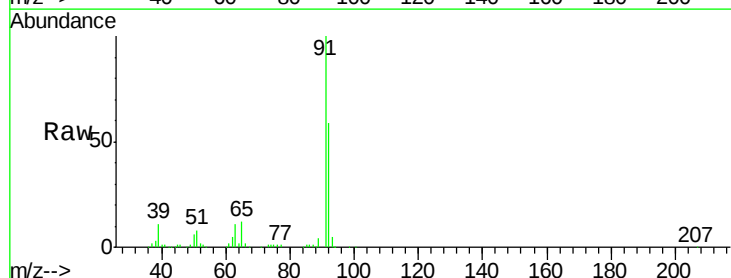
Acq: 28 Aug 2020 11:03

Tgt Ion: 92 Resp: 191926

Ion Ratio Lower Upper

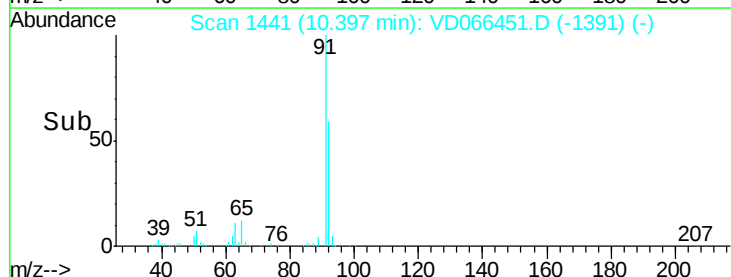
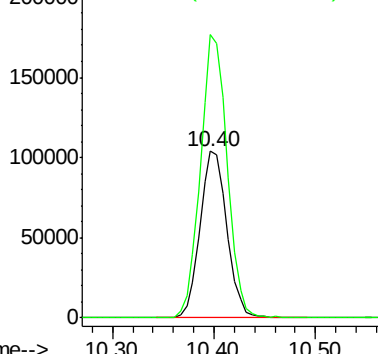
92 100

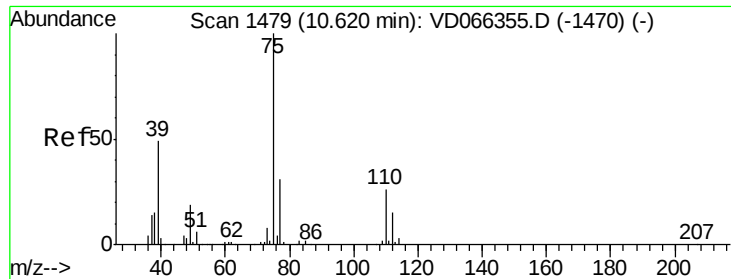
91 168.7 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





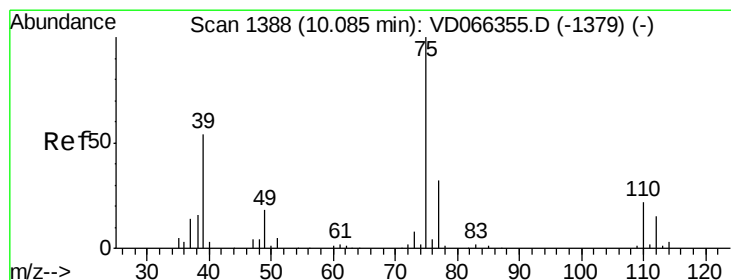
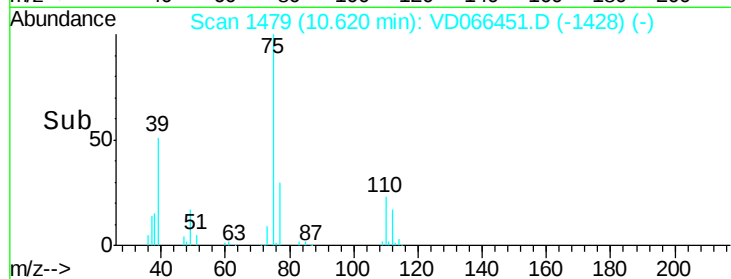
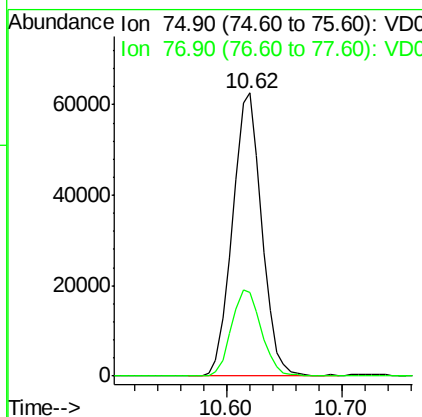
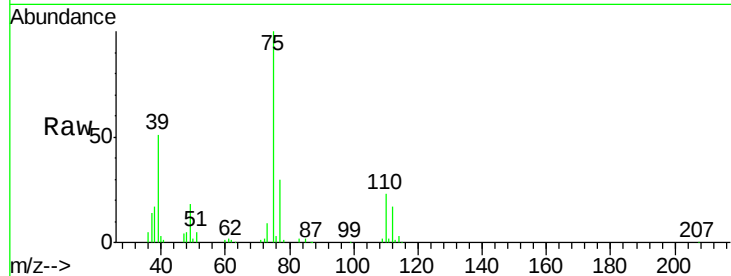
#53
 t-1,3-Dichloropropene
 Concen: 57.150 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 109980
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.5 36.7

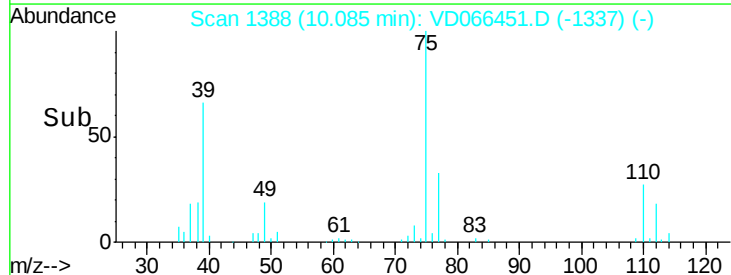
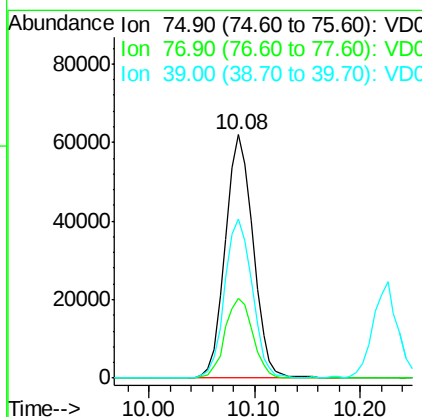
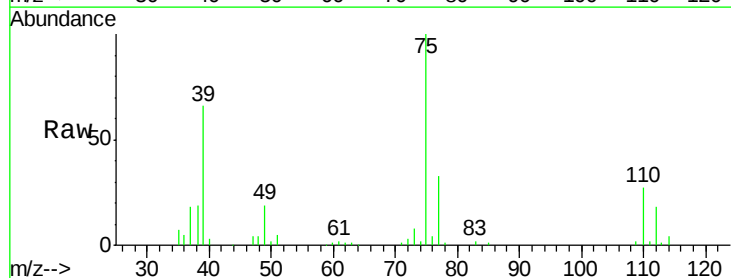
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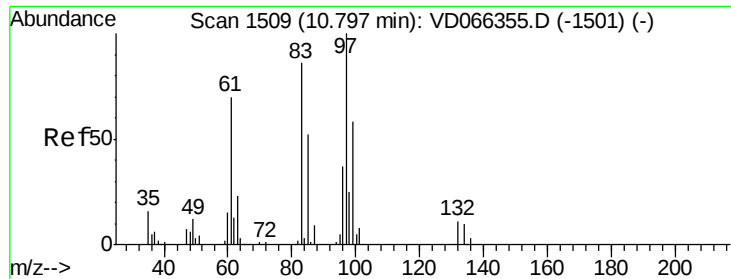
MMDadoda
 8/31/2020 11:58:45 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.252 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion: 75 Resp: 112868
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4
 39 65.1 43.4 65.0#





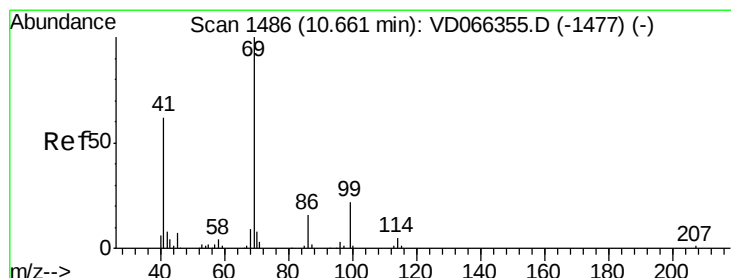
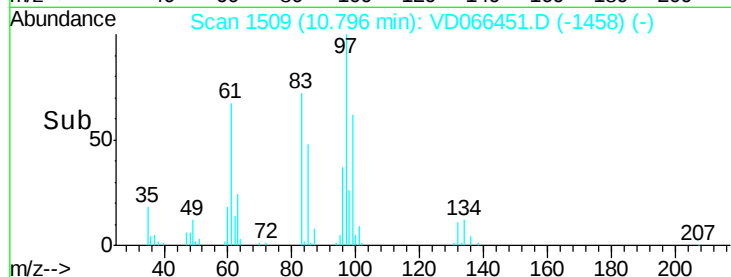
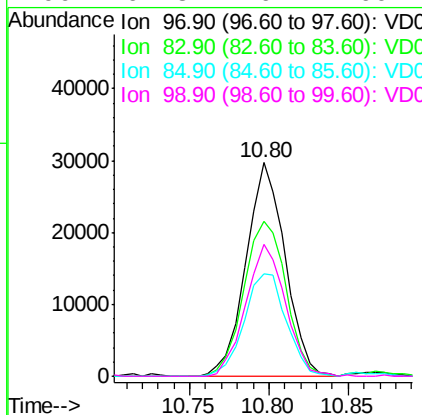
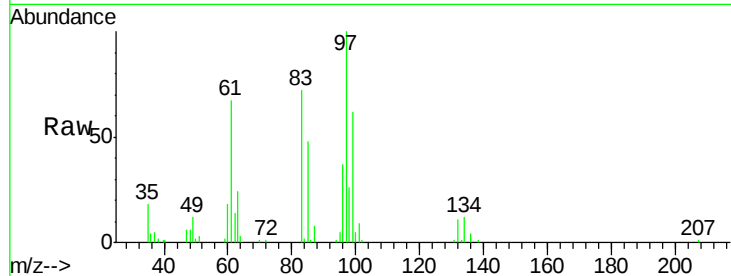
#55
 1,1,2-Trichloroethane
 Concen: 51.051 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	50968
Ion	Ratio	Lower	Upper
97	100		
83	72.4	68.4	102.6
85	47.8	41.3	61.9
99	61.8	46.1	69.1

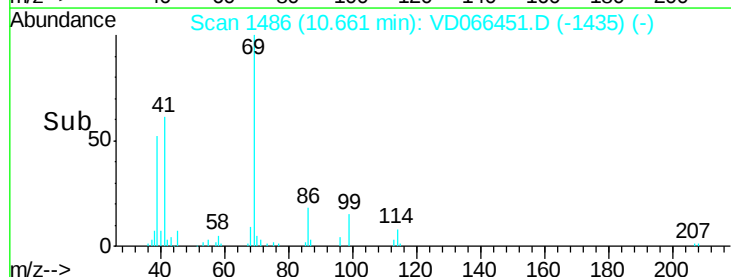
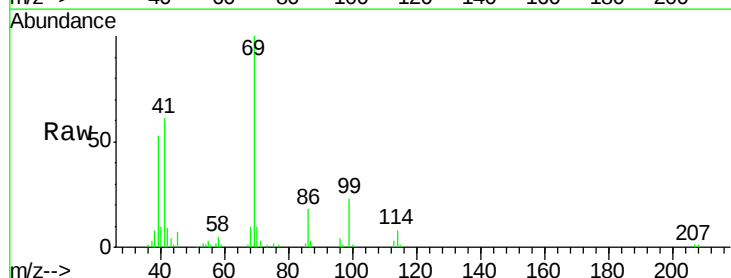
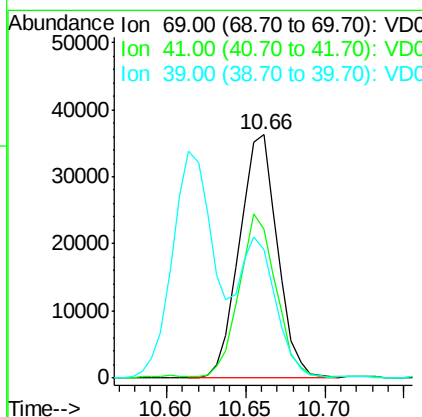
Manual Integrations
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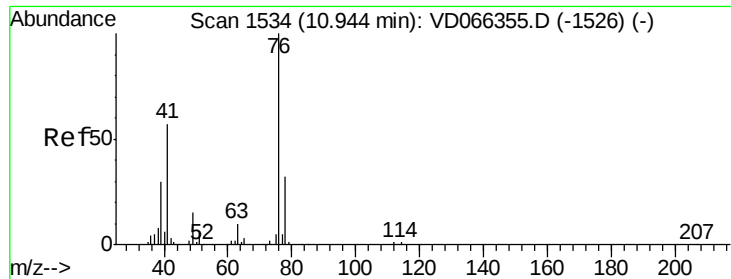
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 8/31/2020 11:58:45 AM



#56
 Ethyl methacrylate
 Concen: 52.283 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion:	69	Resp:	60426
Ion	Ratio	Lower	Upper
69	100		
41	66.8	50.8	76.2
39	56.8	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 51.493 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 85037

Ion Ratio Lower Upper

76 100

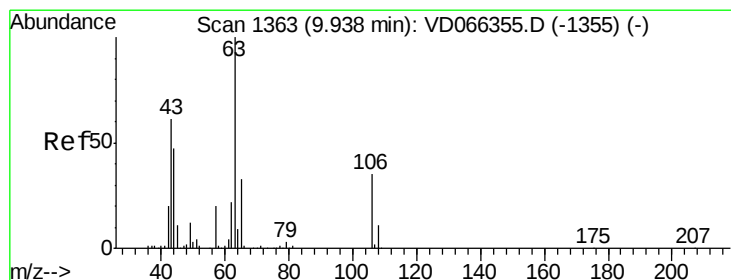
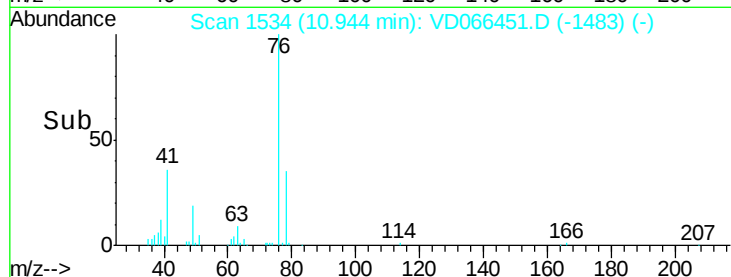
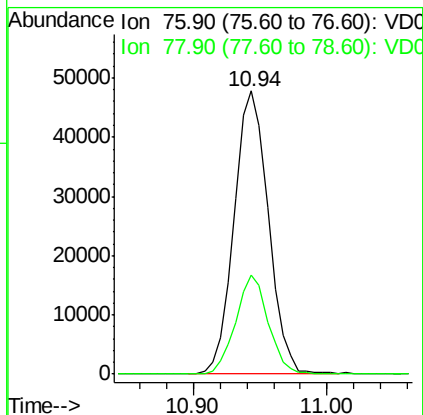
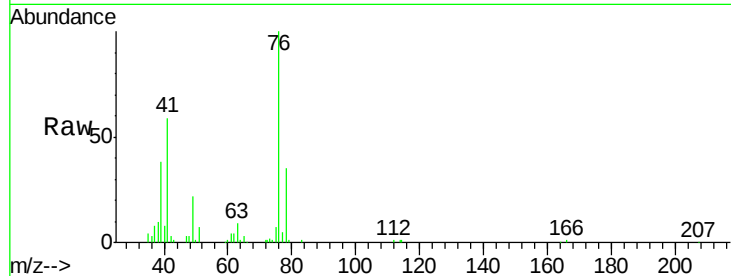
78 33.2 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 249.761 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066451.D

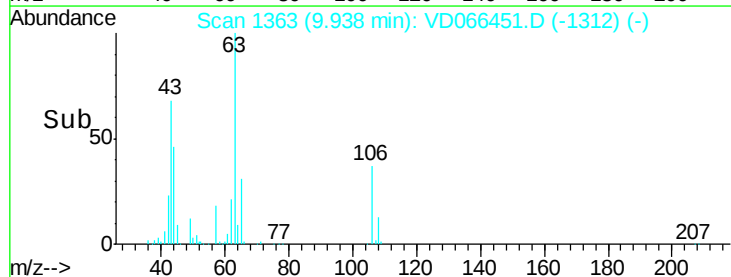
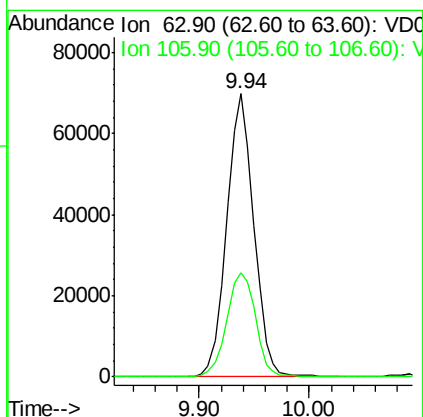
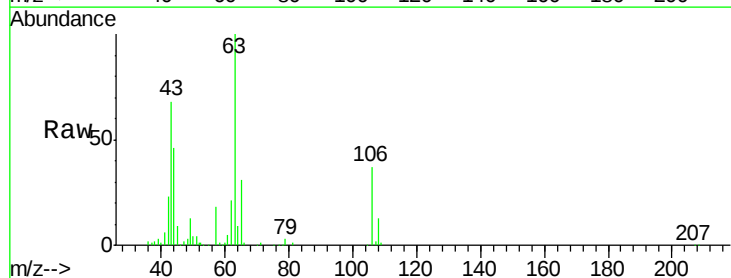
Acq: 28 Aug 2020 11:03

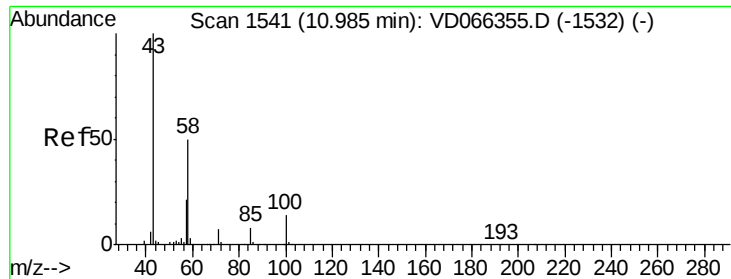
Tgt Ion: 63 Resp: 119888

Ion Ratio Lower Upper

63 100

106 39.3 27.1 40.7





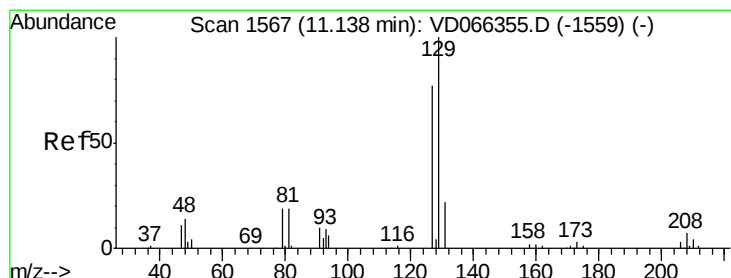
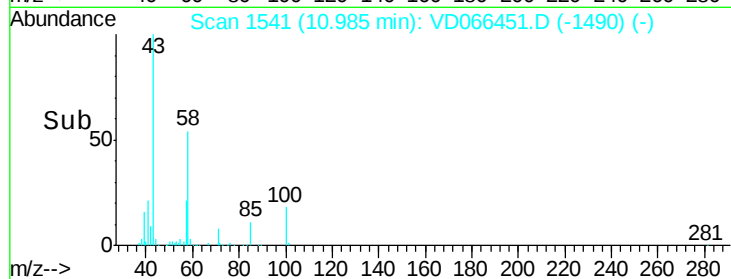
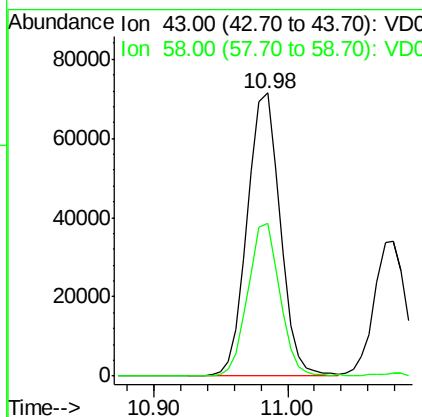
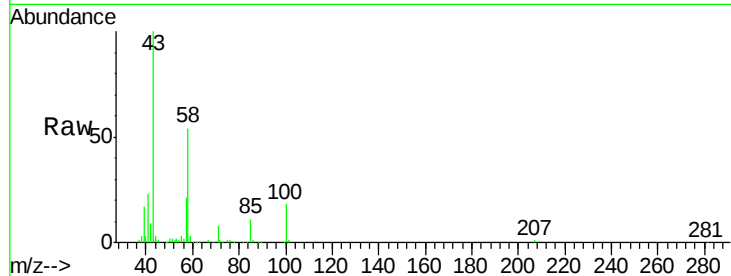
#59
2-Hexanone
Concen: 263.974 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 122125
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.8

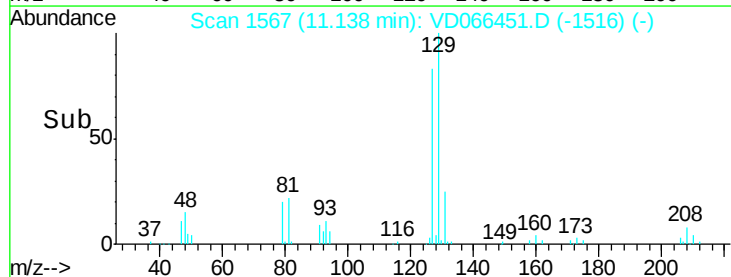
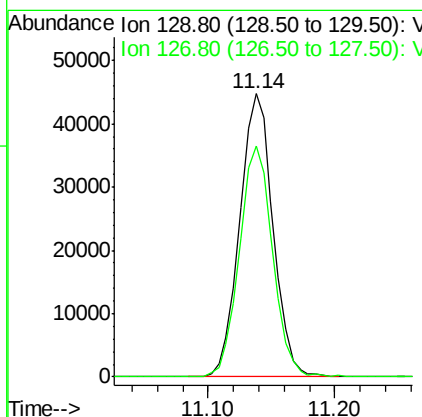
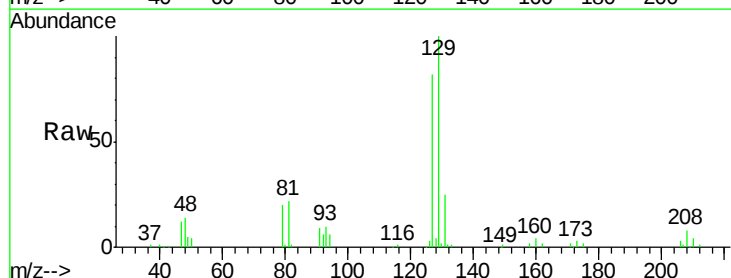
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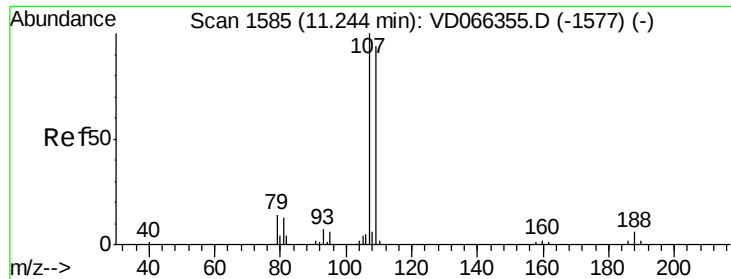
MMDadoda
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#60
Dibromochloromethane
Concen: 54.107 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion: 129 Resp: 81425
Ion Ratio Lower Upper
129 100
127 81.5 39.0 117.0





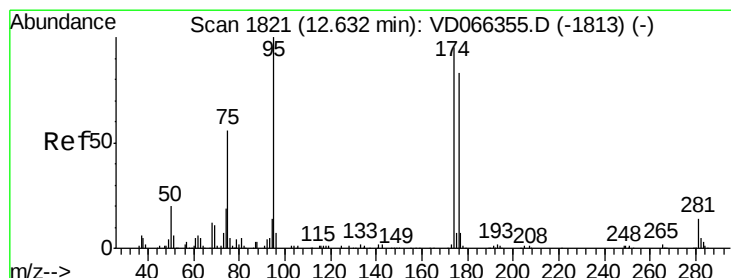
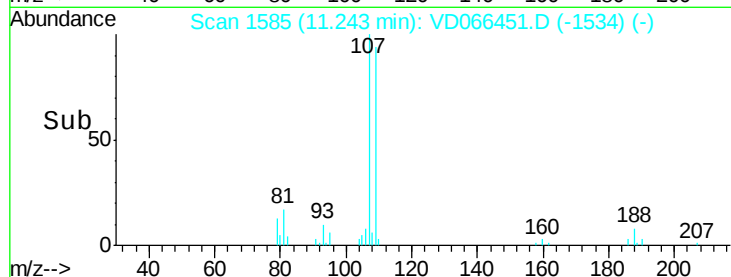
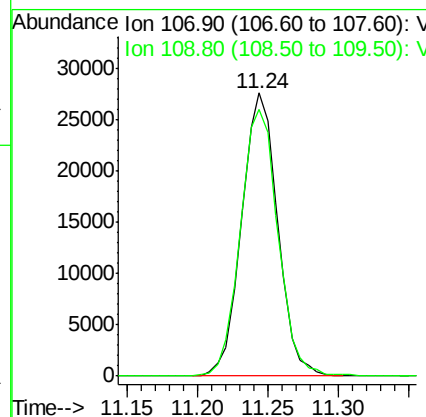
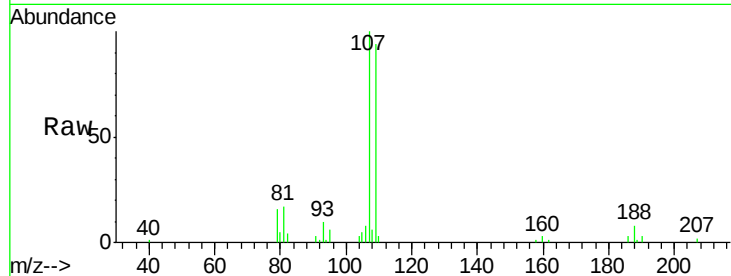
#61
 1,2-Dibromoethane
 Concen: 50.090 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 49214
 Ion Ratio Lower Upper
 107 100
 109 98.6 77.8 116.8

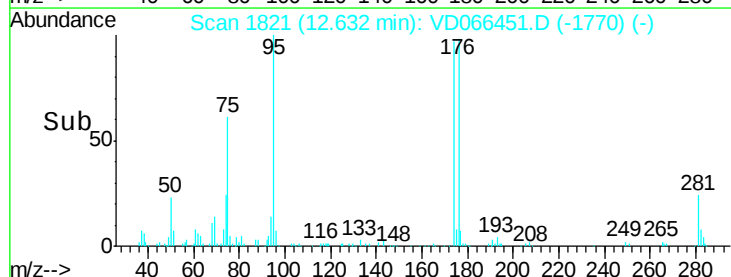
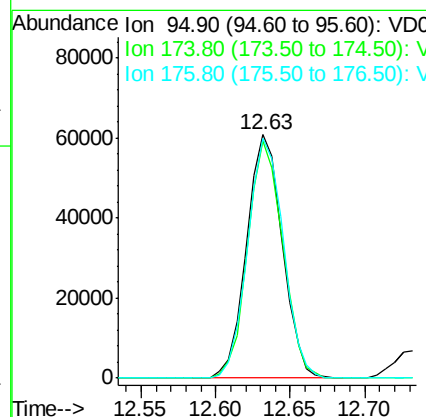
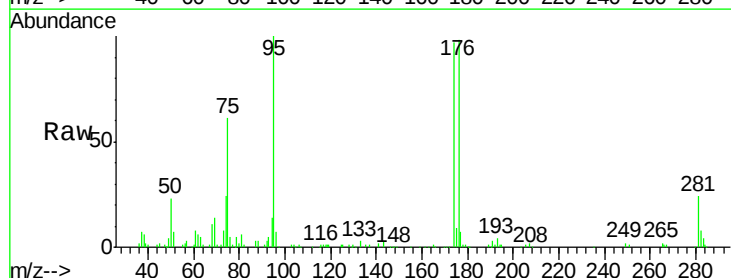
Manual Integrations
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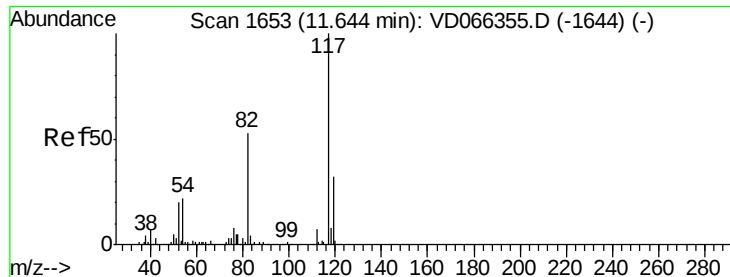
MMDadoda
 8/31/2020 11:58:45 AM



#62
 4-Bromofluorobenzene
 Concen: 56.917 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion: 95 Resp: 100580
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 183.4
 176 98.3 0.0 173.8





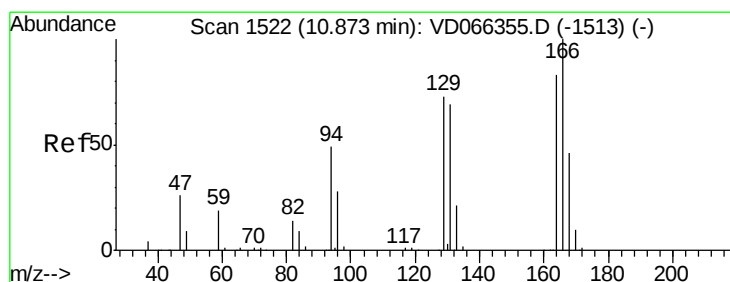
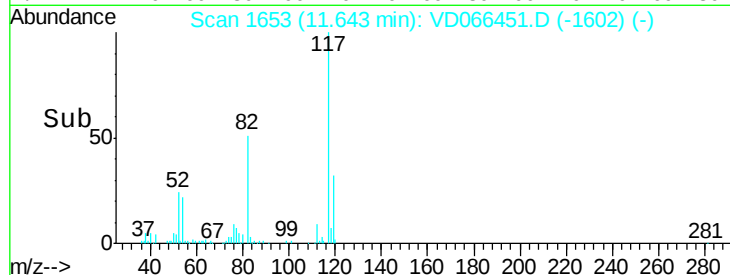
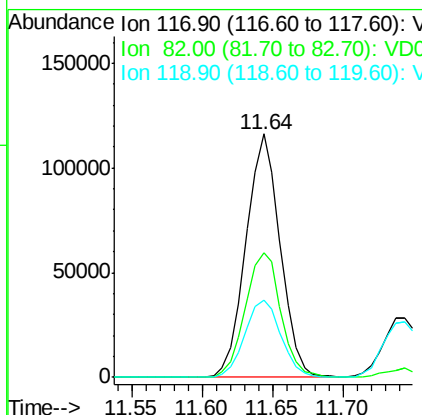
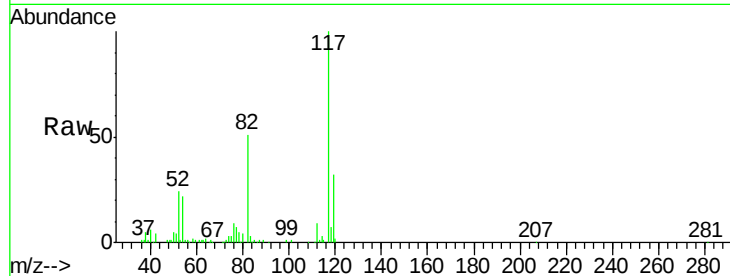
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	197907		
82	51.0	42.8	64.2	
119	31.6	25.8	38.8	

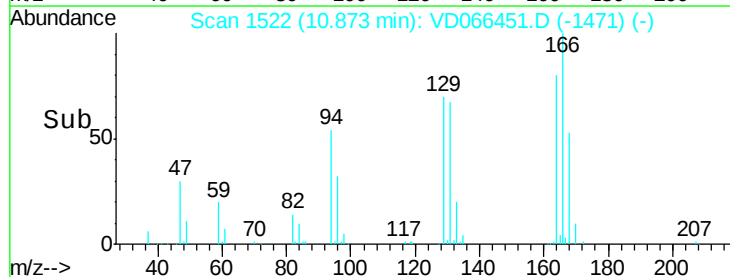
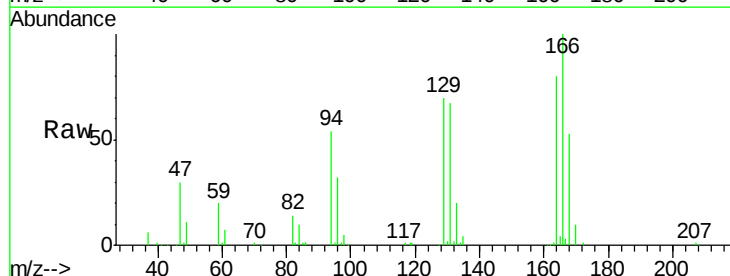
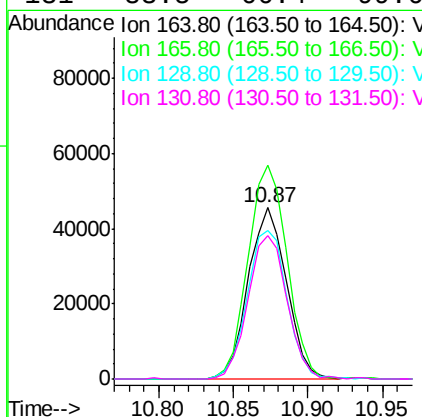
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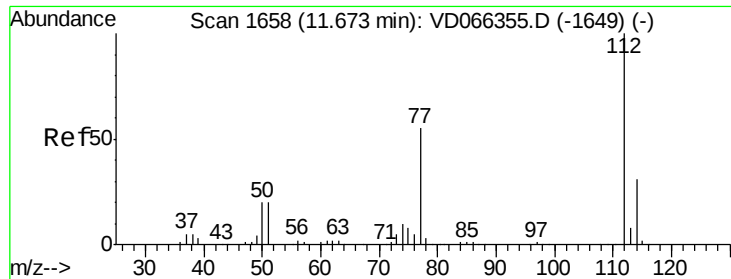
MMDadoda
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#64
Tetrachloroethene
Concen: 53.718 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80647		
166	124.6	96.2	144.4	
129	86.7	70.3	105.5	
131	83.5	66.4	99.6	





#65

Chlorobenzene

Concen: 53.800 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 211830

Ion Ratio Lower Upper

112 100

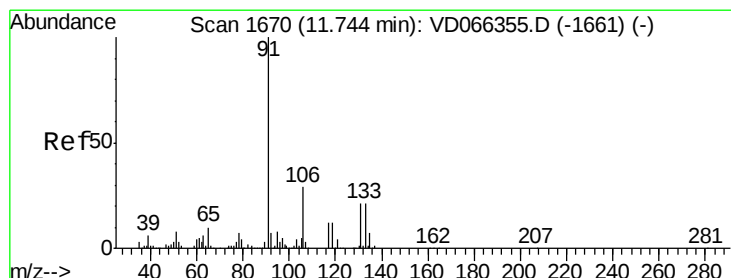
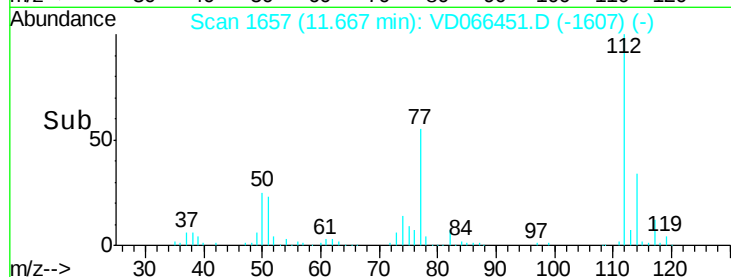
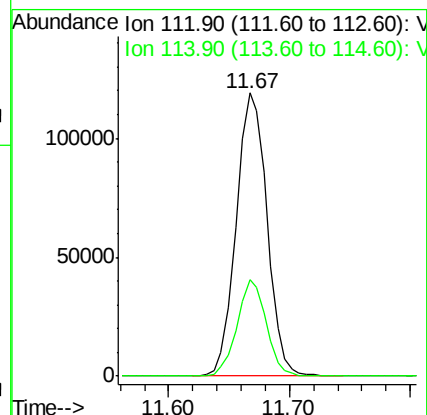
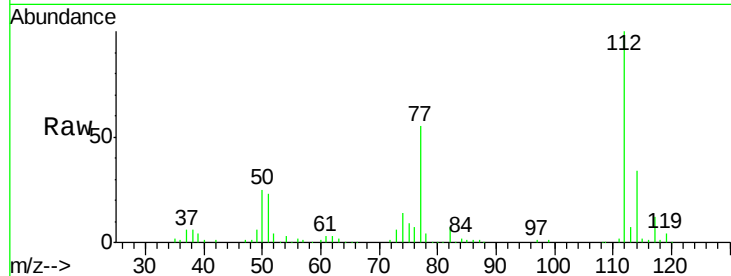
114 34.1 25.1 37.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 54.862 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

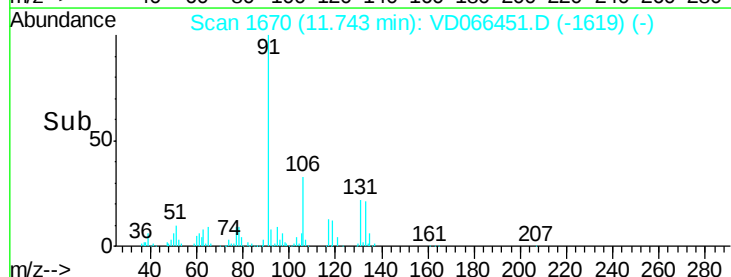
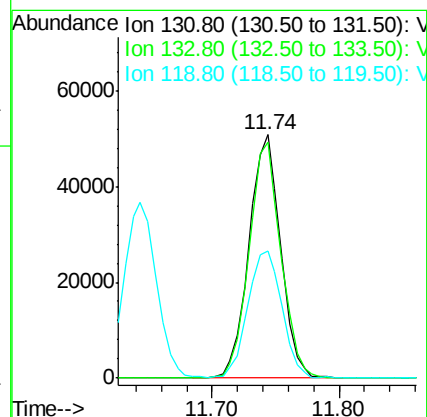
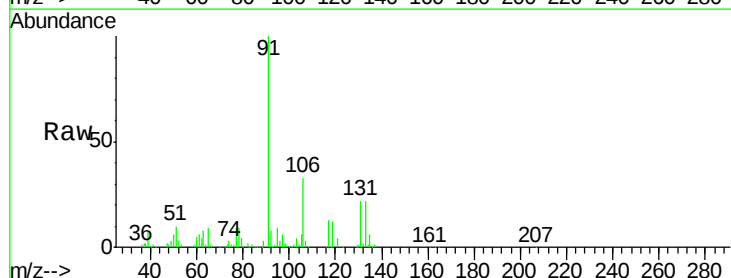
Tgt Ion:131 Resp: 88278

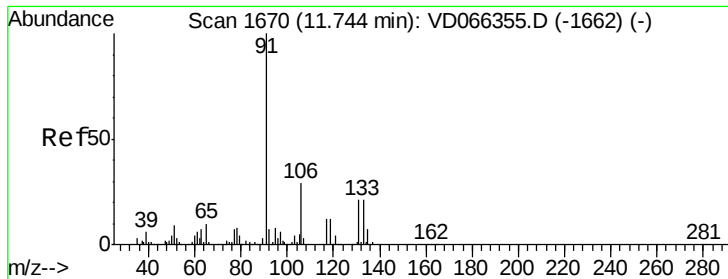
Ion Ratio Lower Upper

131 100

133 97.2 48.6 145.9

119 56.3 29.0 87.1





#67

Ethyl Benzene

Concen: 54.018 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 374390

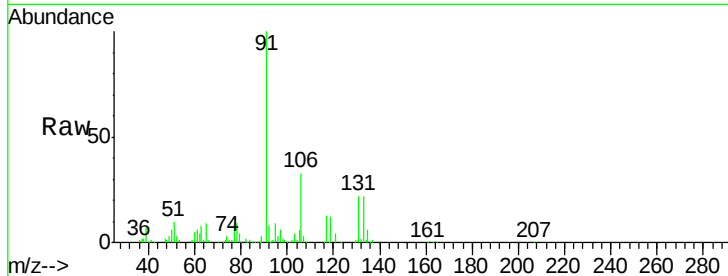
Ion Ratio Lower Upper

91 100

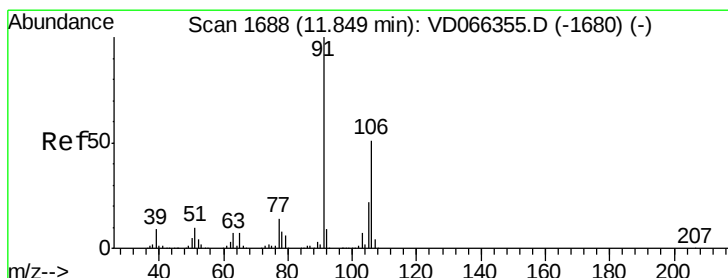
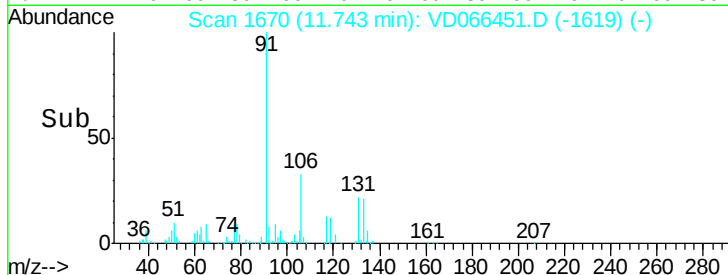
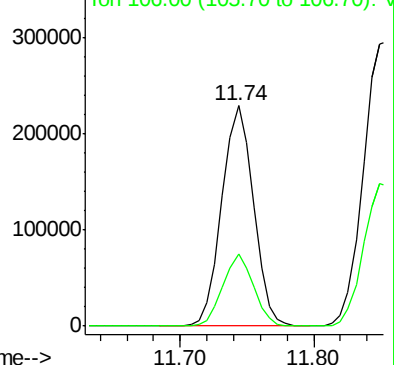
106 32.7 23.4 35.2

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Abundance Ion 91.00 (90.70 to 91.70): VD066451.D (-1619) (-)



#68

m/p-Xylenes

Concen: 109.360 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066451.D

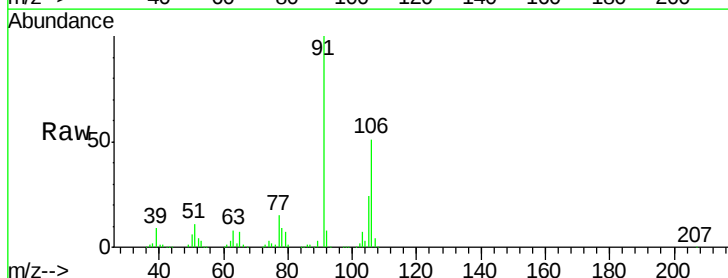
Acq: 28 Aug 2020 11:03

Tgt Ion: 106 Resp: 288896

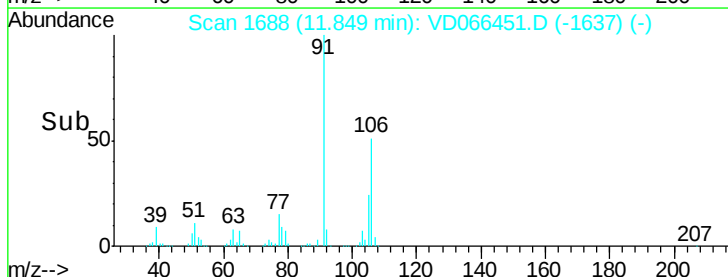
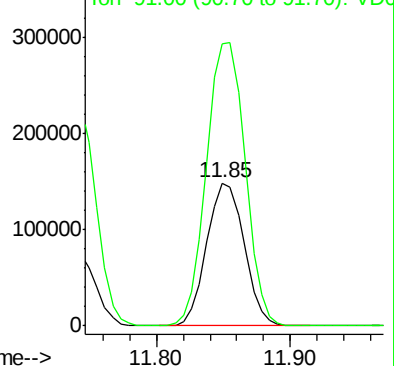
Ion Ratio Lower Upper

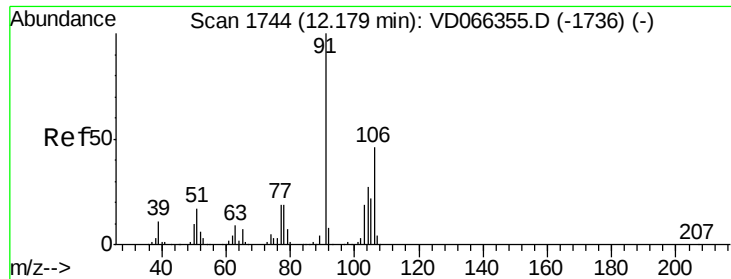
106 100

91 205.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066451.D (-1637) (-)





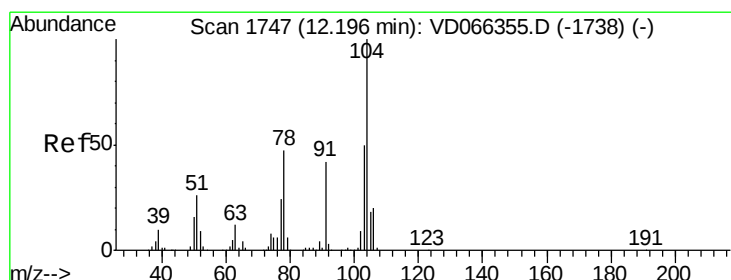
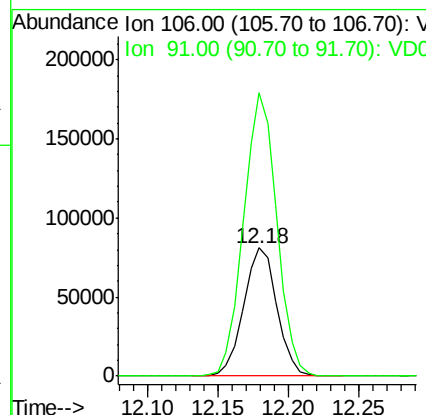
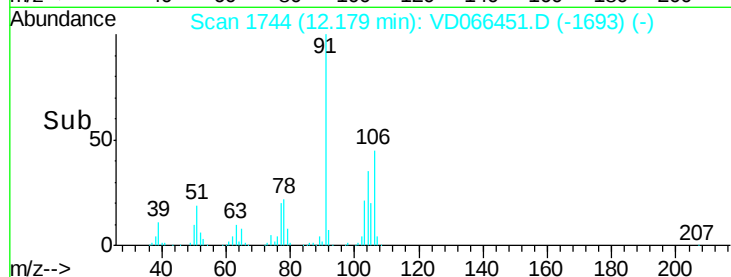
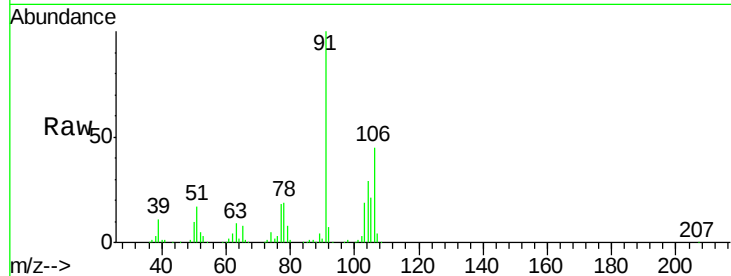
#69
o-Xylene
Concen: 54.192 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.0	109.1	327.3

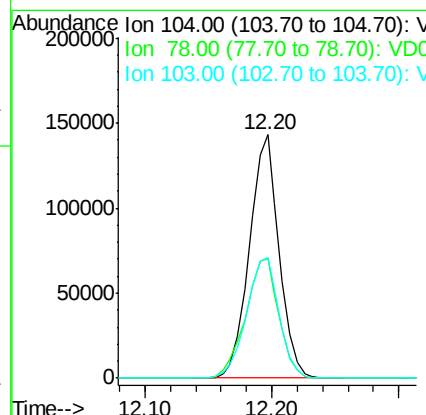
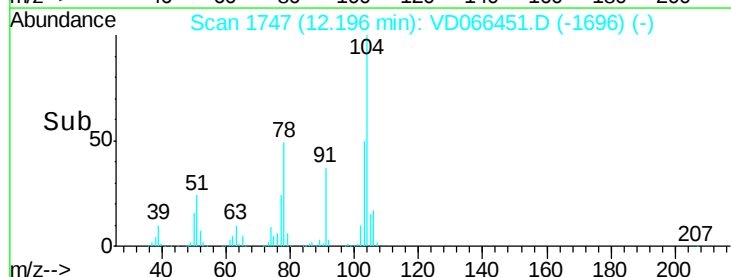
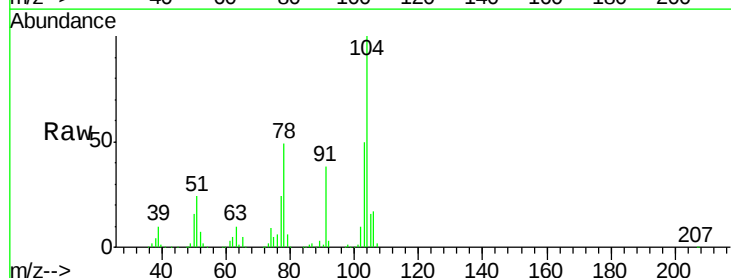
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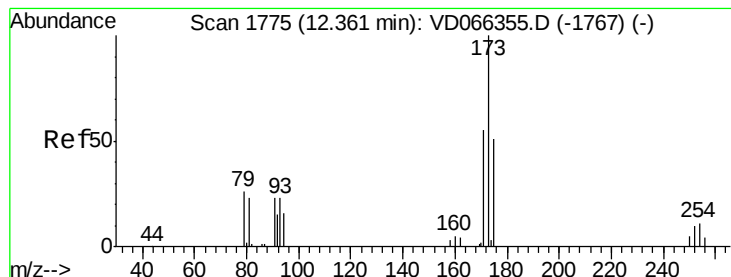
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#70
Styrene
Concen: 54.907 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.1	41.7	62.5
103	54.5	43.5	65.3





#71

Bromoform

Concen: 55.292 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

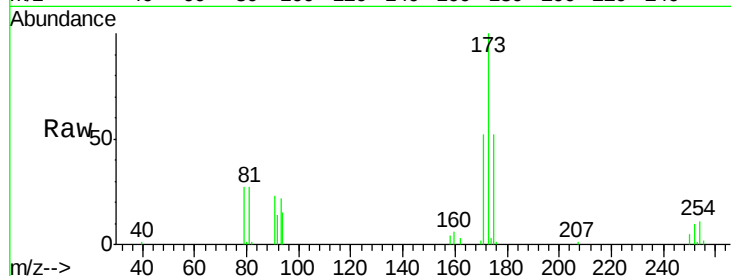
ClientSampleId :

VSTDCCC050

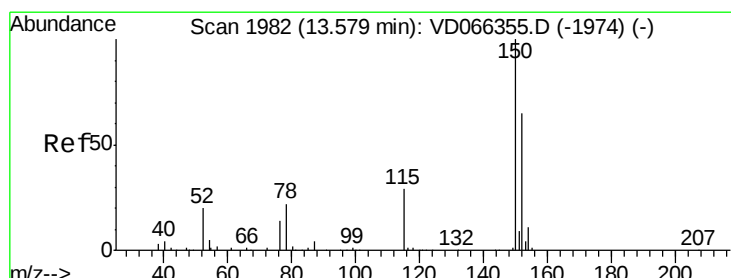
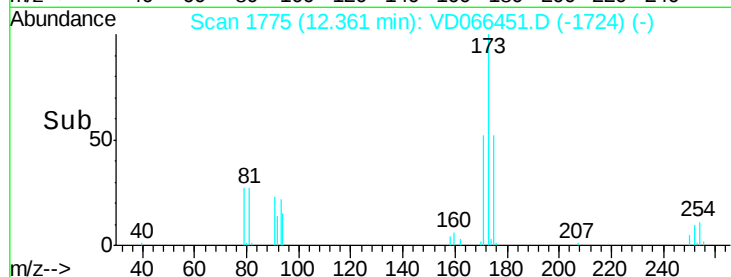
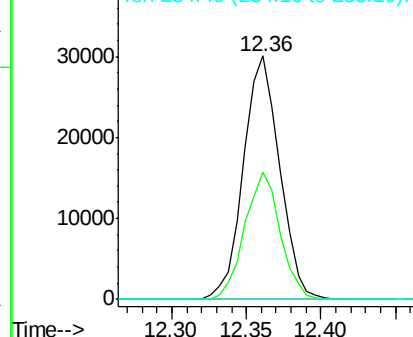
Tot Ion:	173	Resp:	50476
Ion Ratio	Lower	Upper	
173	100		
175	51.1	24.8	74.3
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

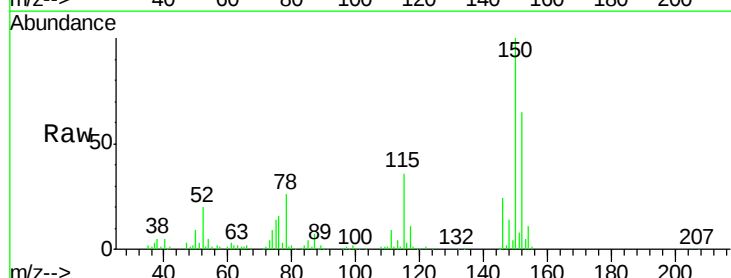
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

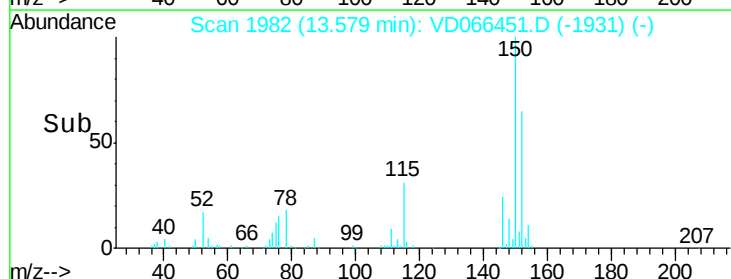
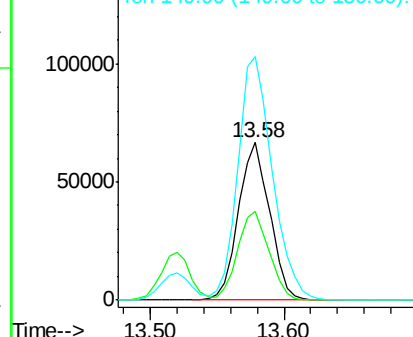
Lab File: VD066451.D

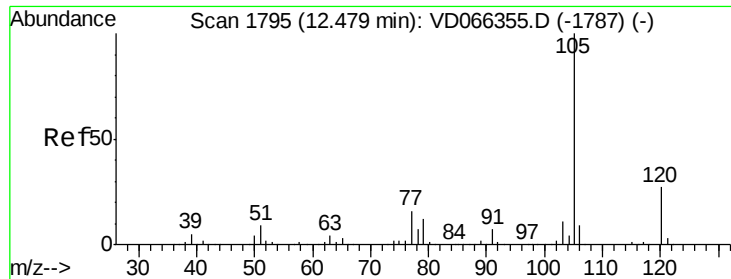
Acq: 28 Aug 2020 11:03

Tgt Ion:	152	Resp:	108166
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.3	85.0
150	170.7	0.0	343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





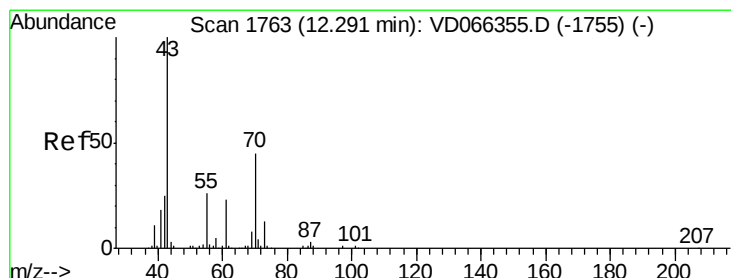
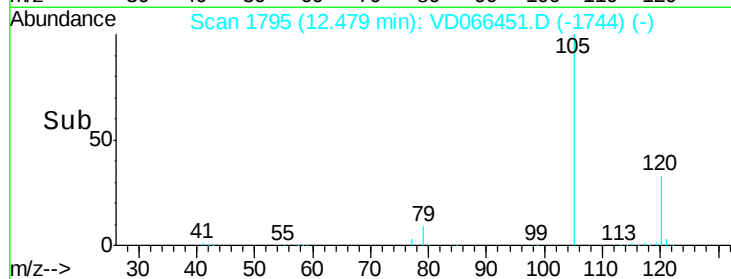
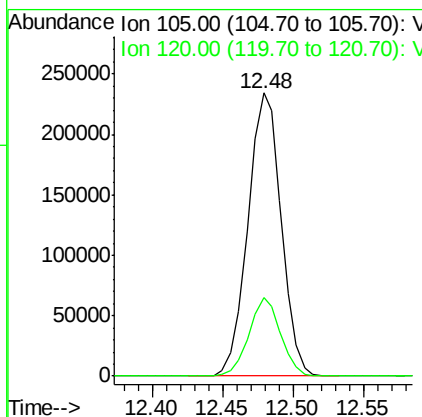
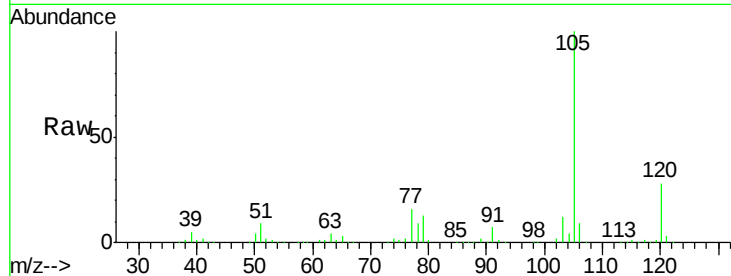
#73
Isopropylbenzene
Concen: 53.427 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 387129
Ion Ratio Lower Upper
105 100
120 26.2 13.6 40.8

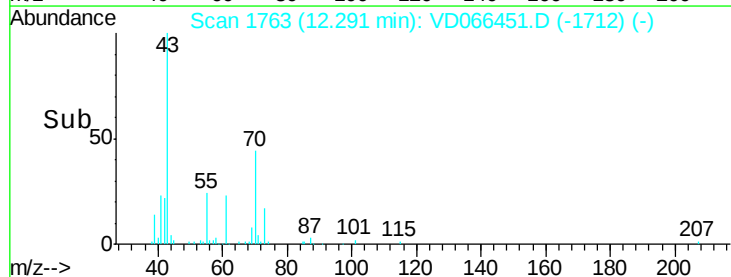
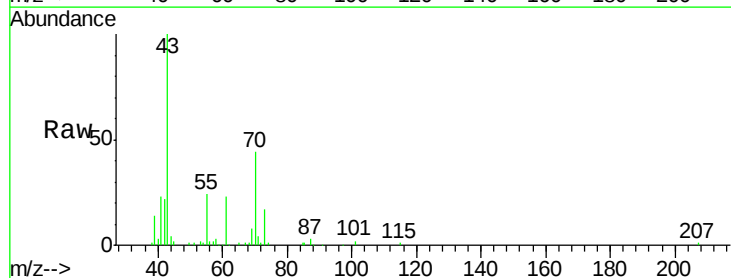
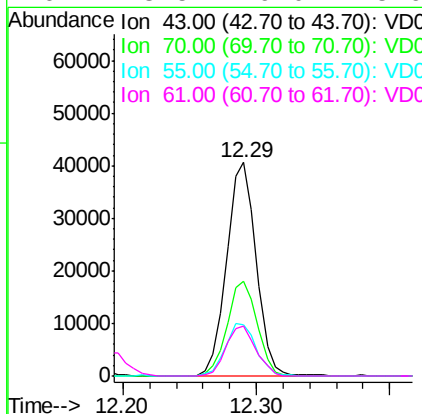
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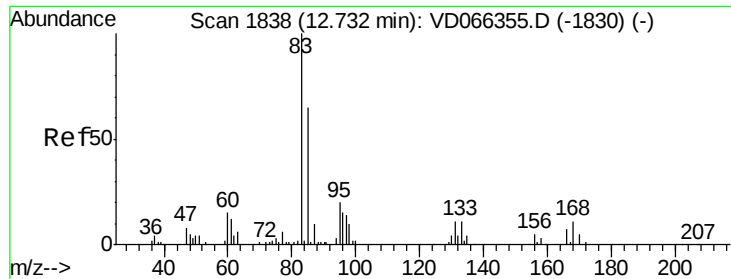
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#74
N-ethyl acetate
Concen: 48.027 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion: 43 Resp: 62853
Ion Ratio Lower Upper
43 100
70 44.9 34.8 52.2
55 25.9 20.3 30.5
61 23.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.128 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

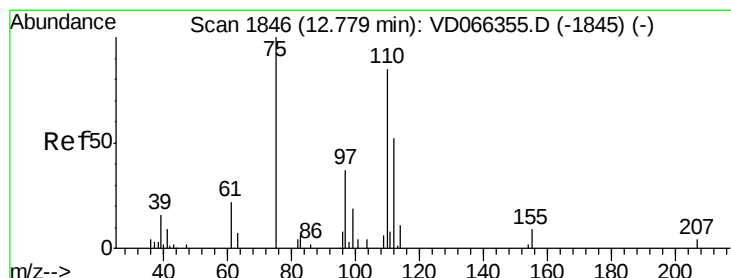
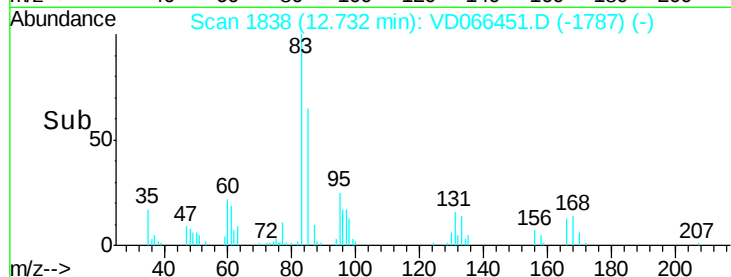
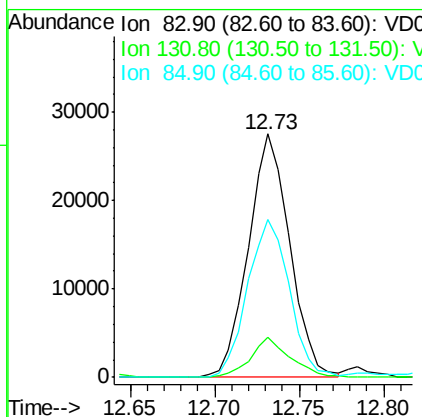
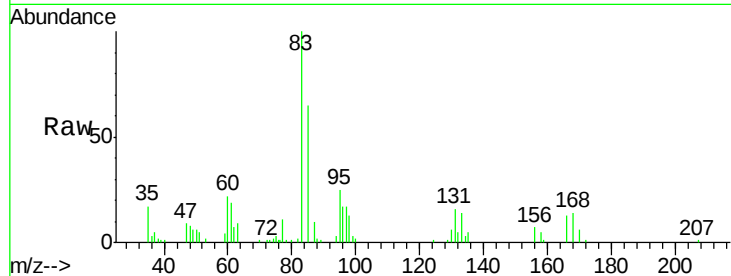
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	46712
Ion Ratio	Lower	Upper	
83	100		
131	16.0	7.0	20.9
85	65.8	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.077 ug/l m

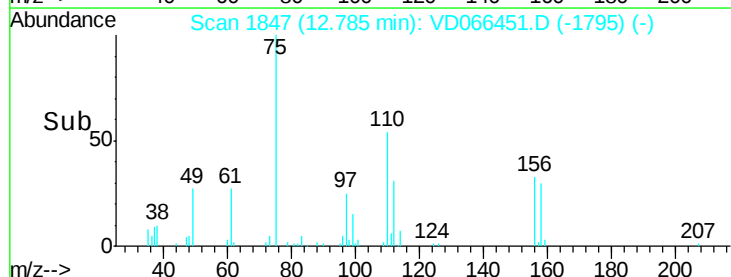
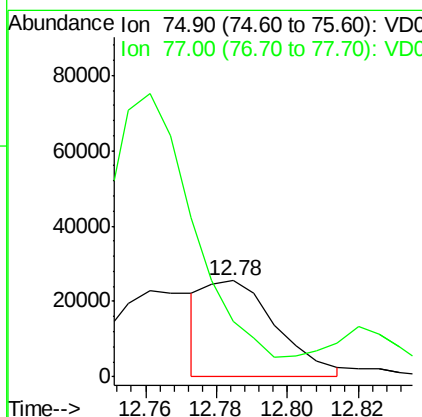
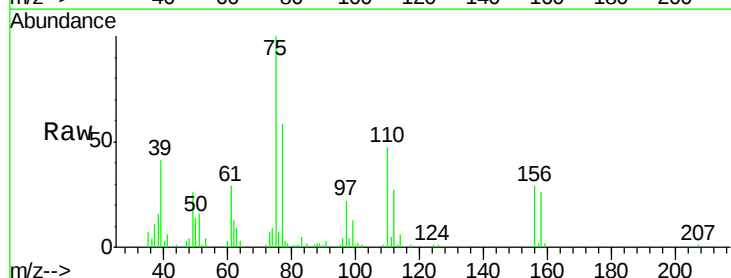
RT: 12.78 min Scan# 1847

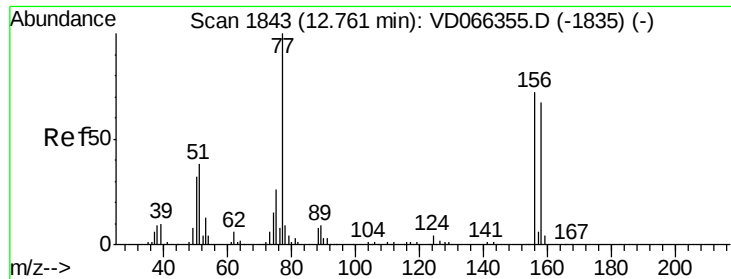
Delta R.T. 0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion:	75	Resp:	35823
Ion Ratio	Lower	Upper	
75	100		
77	0.0	182.9	548.9#





#77

Bromobenzene

Concen: 52.838 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

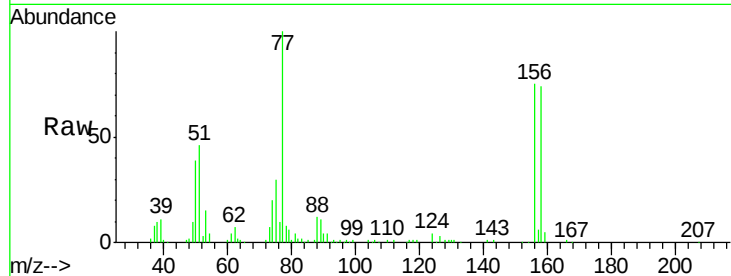
ClientSampleId :

VSTDCCC050

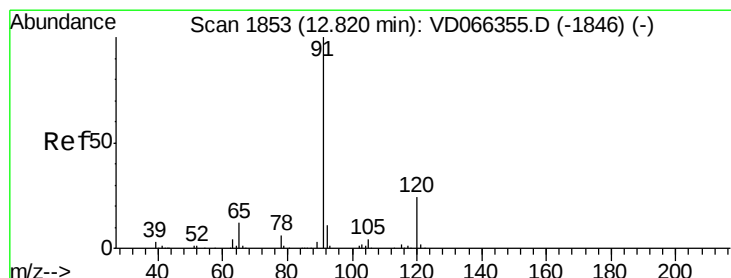
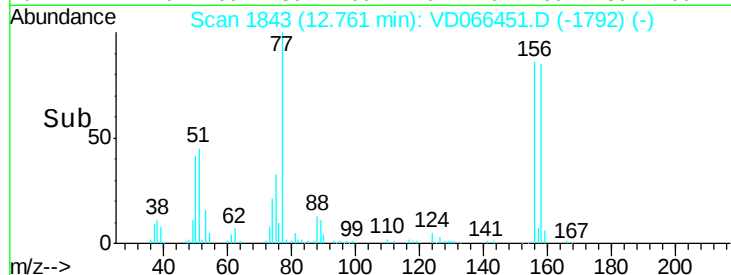
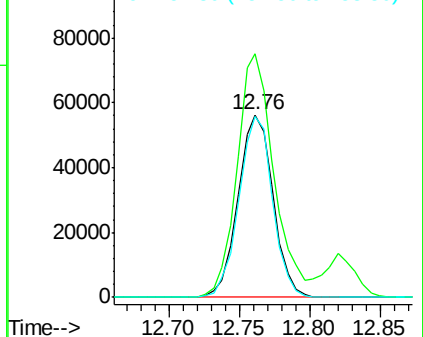
Tot Ion:156 Resp: 97176
 Ion Ratio Lower Upper
 156 100
 77 142.4 76.1 228.3
 158 95.6 47.6 142.9

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Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VDC
 Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.768 ug/l

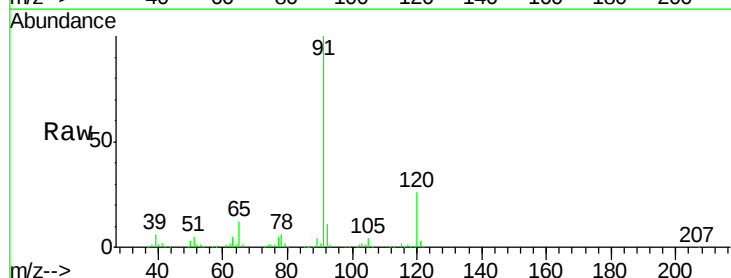
RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

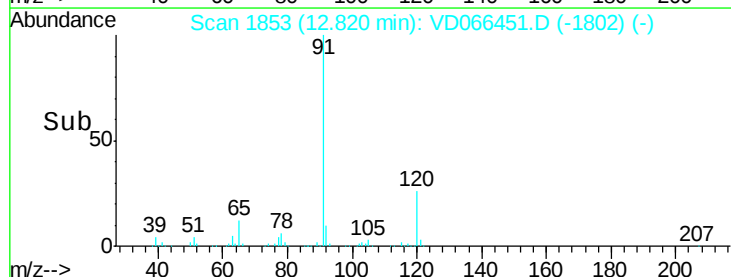
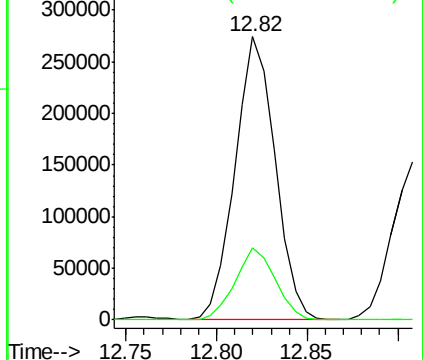
Lab File: VD066451.D

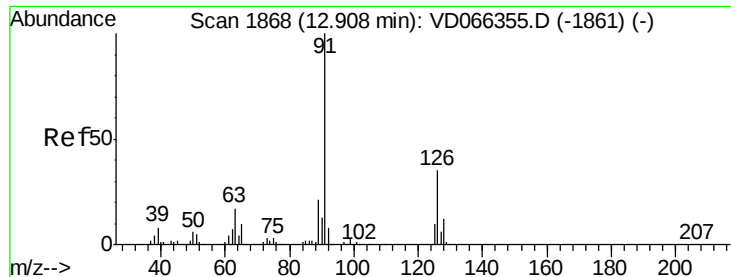
Acq: 28 Aug 2020 11:03

Tgt Ion: 91 Resp: 421793
 Ion Ratio Lower Upper
 91 100
 120 25.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.316 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 243503

Ion Ratio Lower Upper

91 100

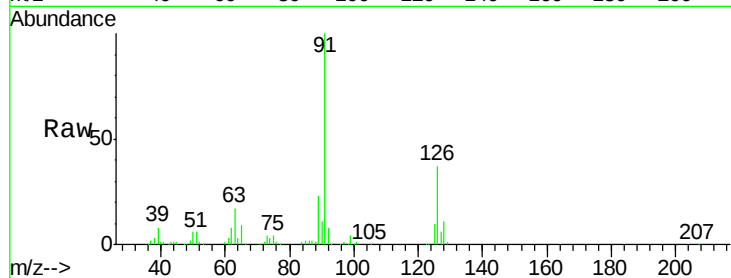
126 36.4 17.7 53.1

Manual Integrations

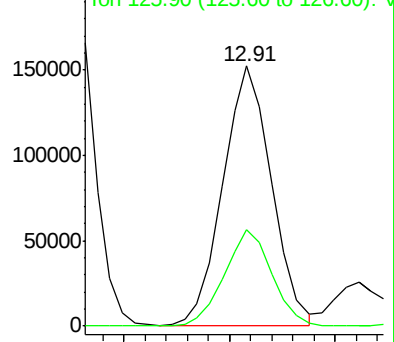
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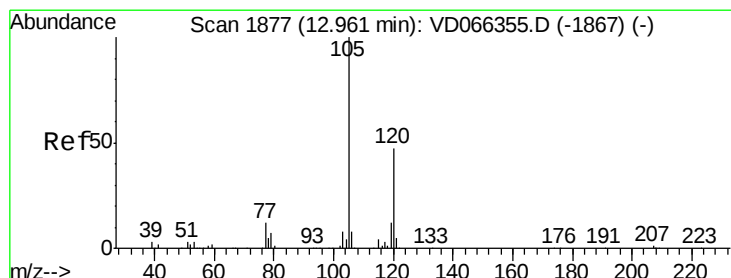
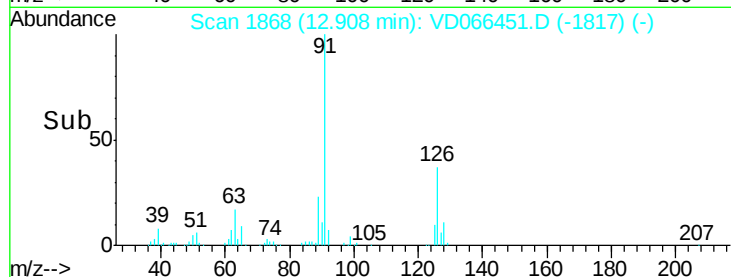
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Abundance Ion 91.00 (90.70 to 91.70): VD066451.D (-1817) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.209 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066451.D

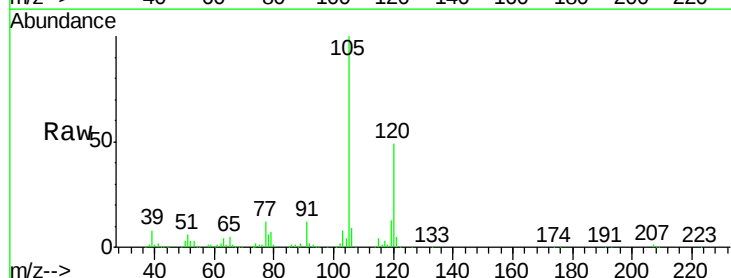
Acq: 28 Aug 2020 11:03

Tgt Ion:105 Resp: 332893

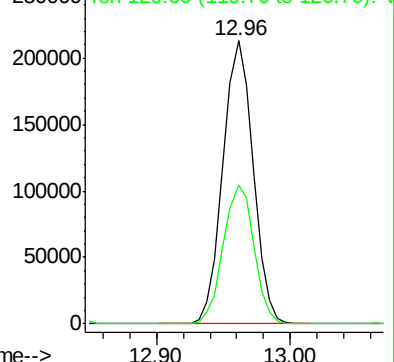
Ion Ratio Lower Upper

105 100

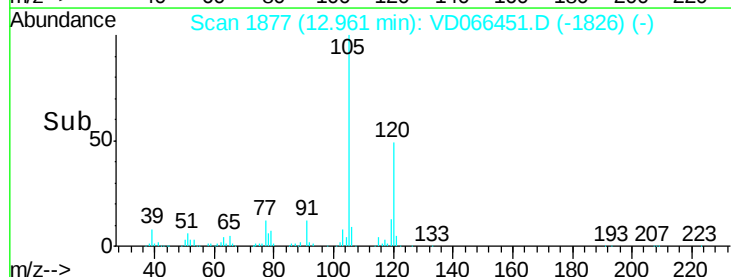
120 49.7 24.1 72.2

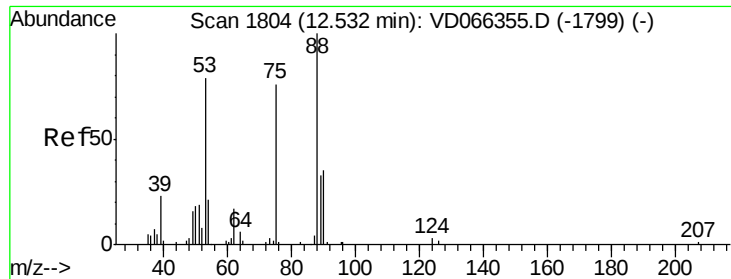


Abundance Ion 105.00 (104.70 to 105.70): VD066451.D (-1826) (-)



Time-->





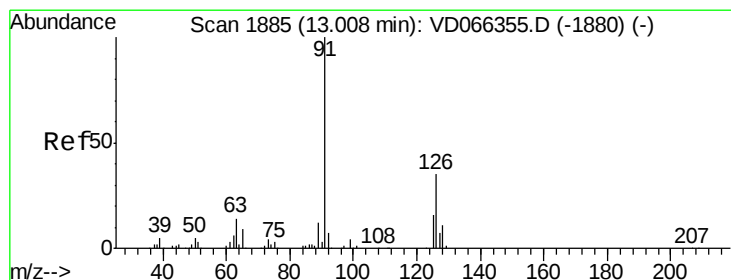
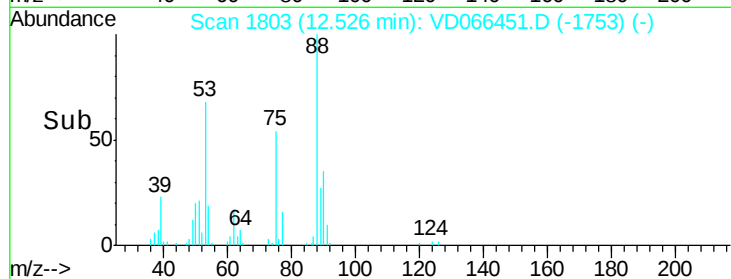
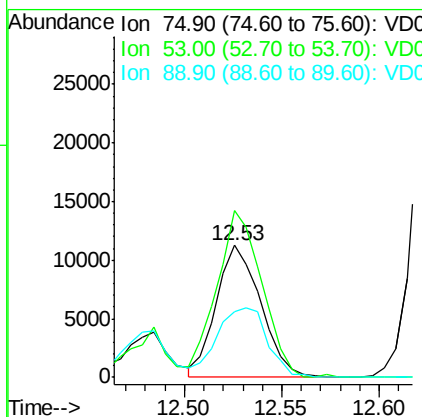
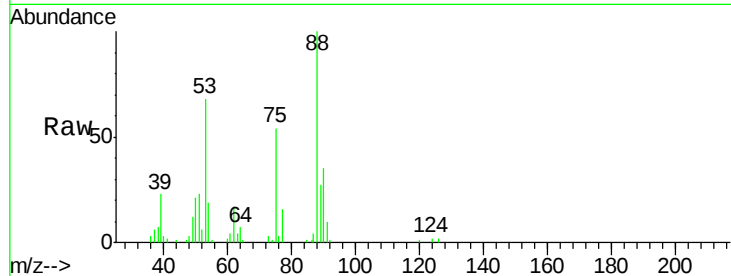
#81
trans-1,4-Dichloro-2-butene
Concen: 49.767 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.0	87.4	131.2
89	59.5	39.4	59.0#

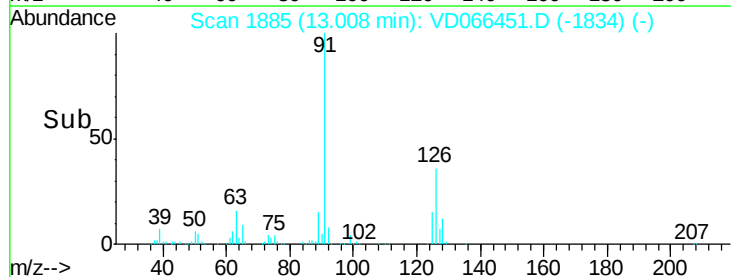
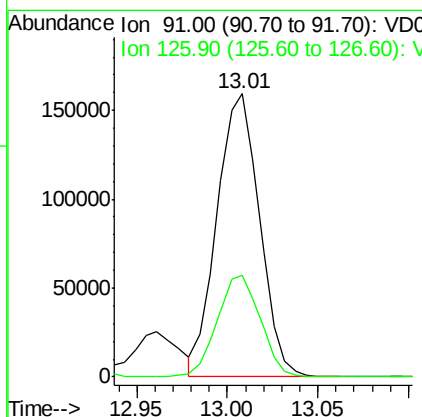
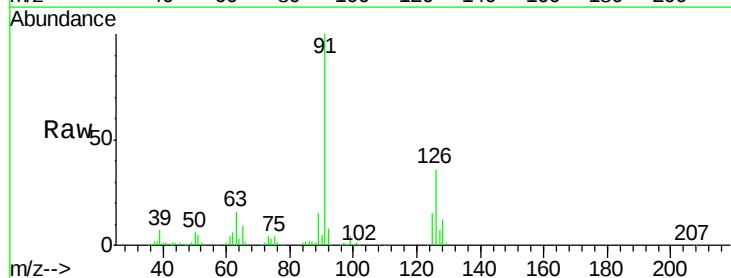
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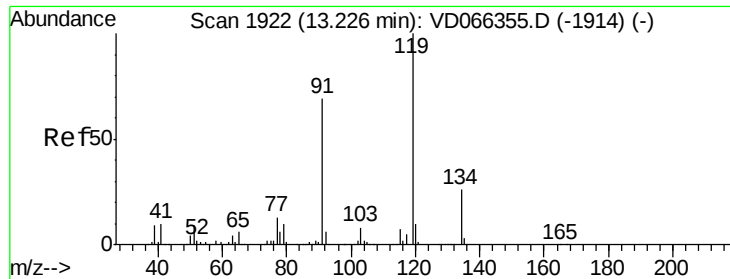
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#82
4-Chlorotoluene
Concen: 51.672 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.4	52.2





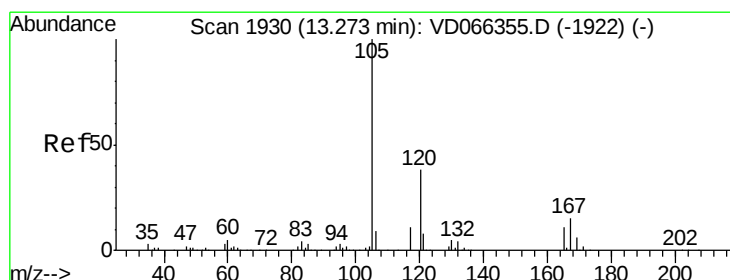
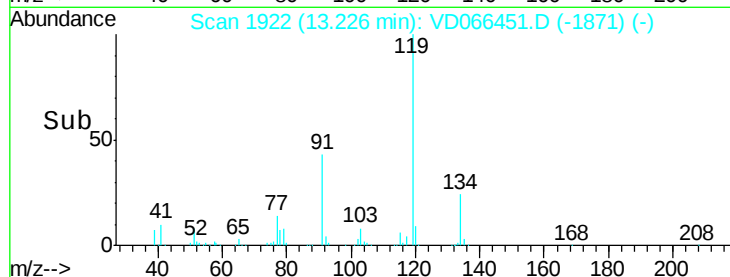
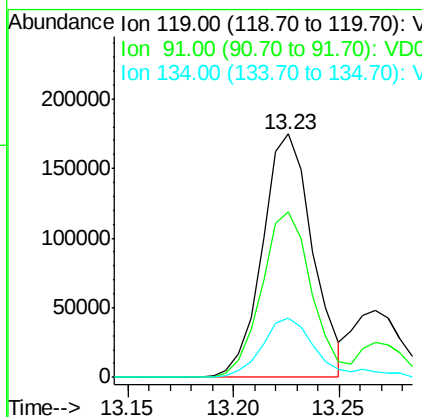
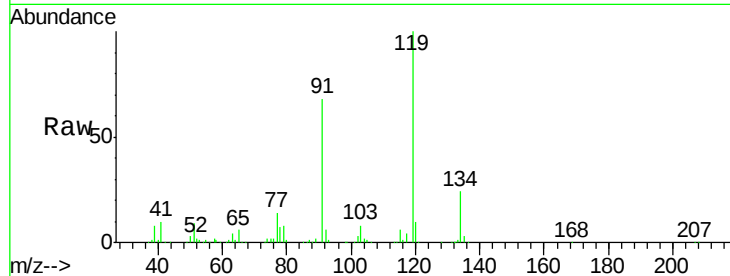
#83
tert-Butylbenzene
Concen: 53.035 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	288198		
91	68.4	33.5	100.5	
134	27.0	13.5	40.4	

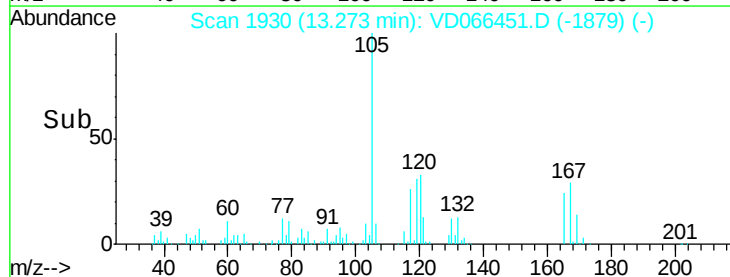
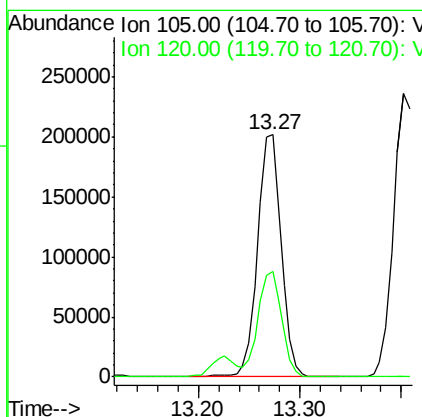
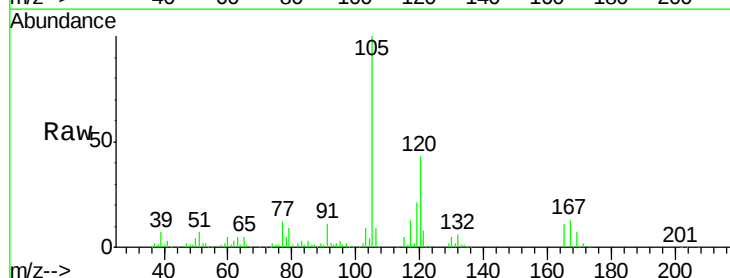
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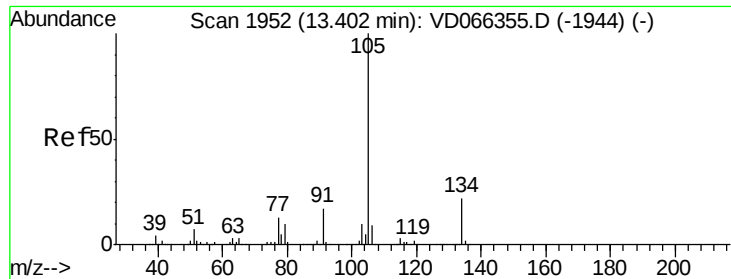
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.819 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330717		
120	43.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 52.761 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion:105 Resp: 375648

Ion Ratio Lower Upper

105 100

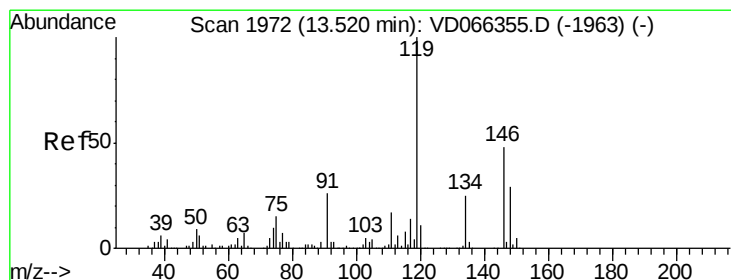
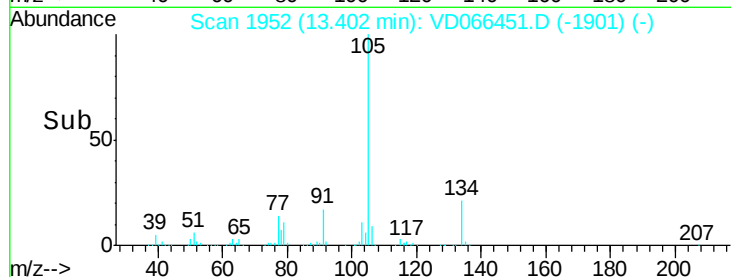
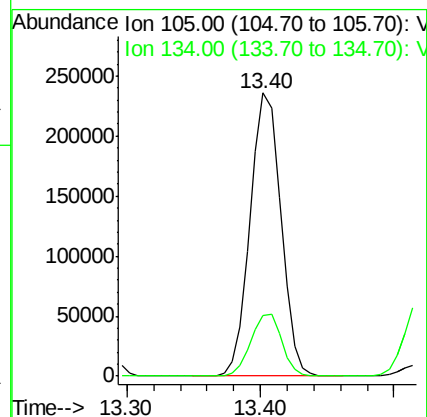
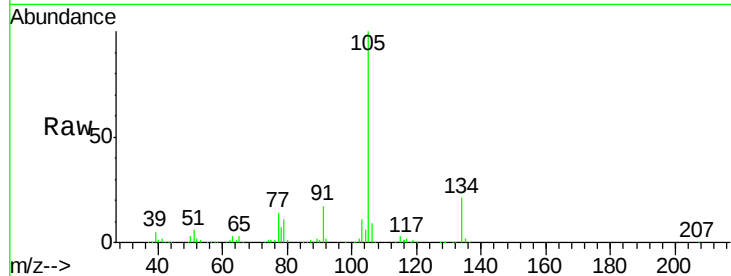
134 22.0 10.8 32.4

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#86

p-Isopropyltoluene

Concen: 53.849 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

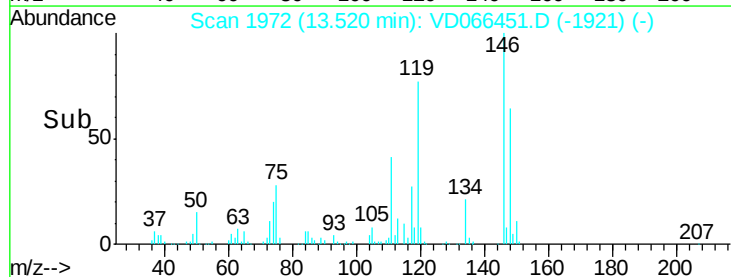
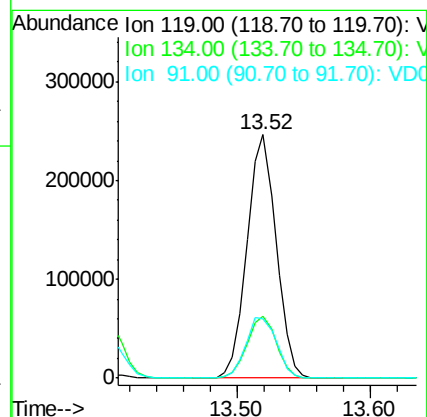
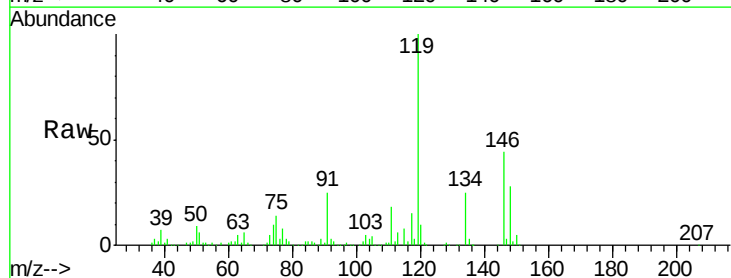
Tgt Ion:119 Resp: 369684

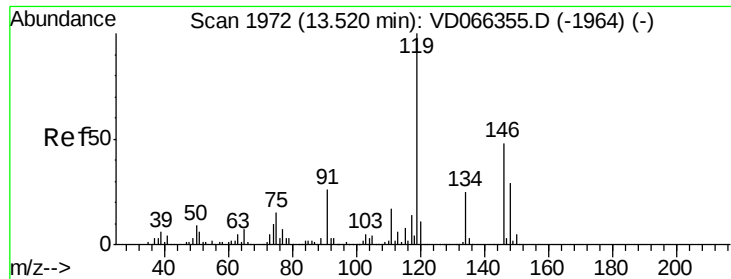
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 26.4 12.7 38.0





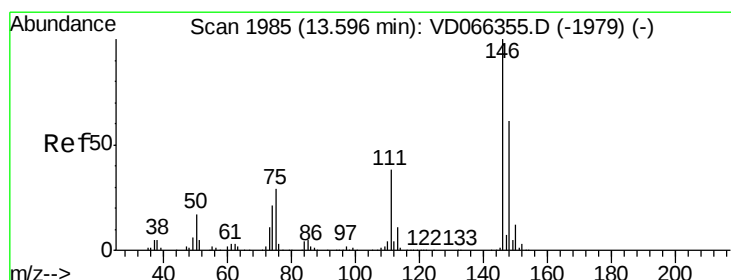
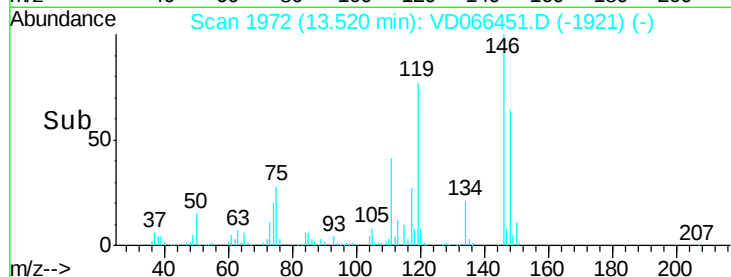
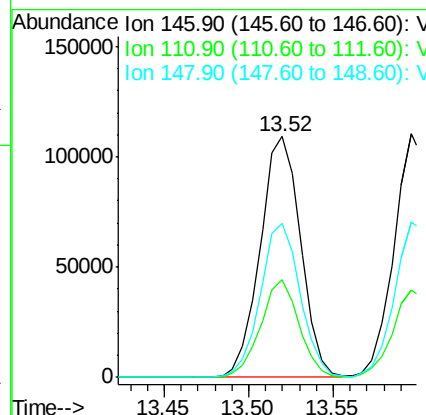
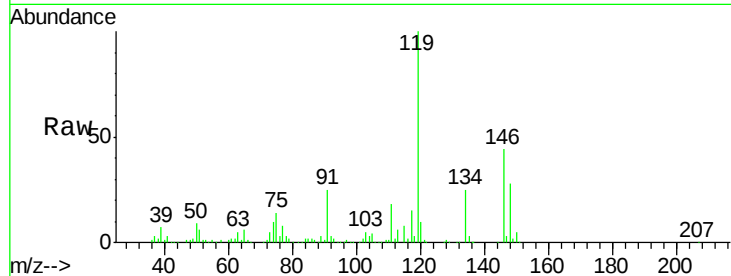
#87
 1,3-Dichlorobenzene
 Concen: 52.817 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	181322		
111	38.8	18.9	56.9	
148	63.3	31.8	95.3	

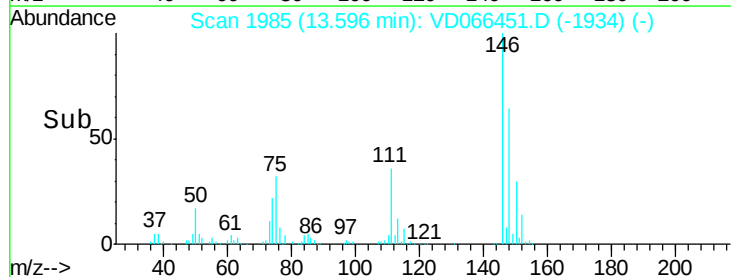
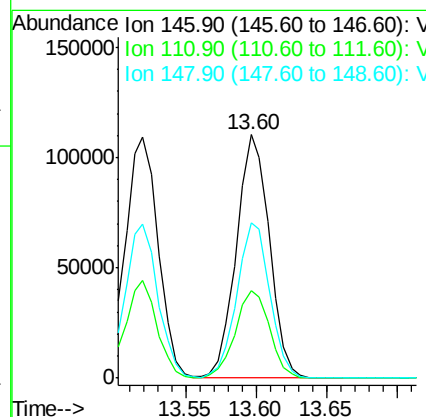
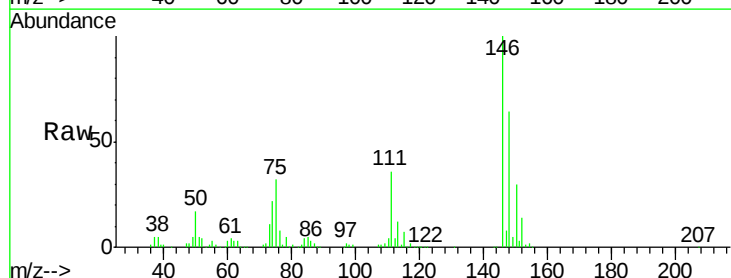
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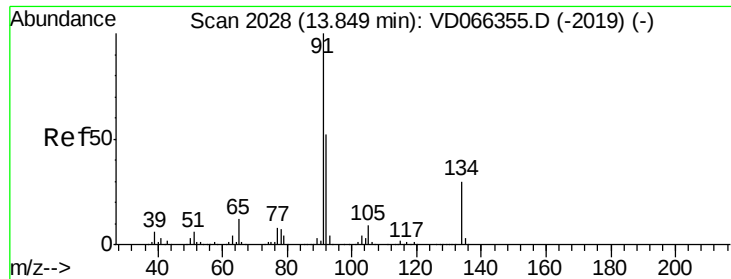
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#88
 1,4-Dichlorobenzene
 Concen: 52.259 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	180137		
111	37.2	19.1	57.5	
148	63.8	32.1	96.3	





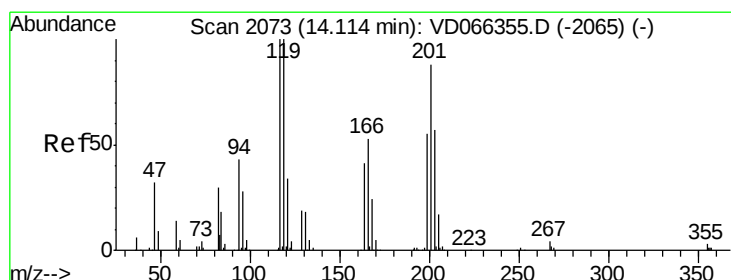
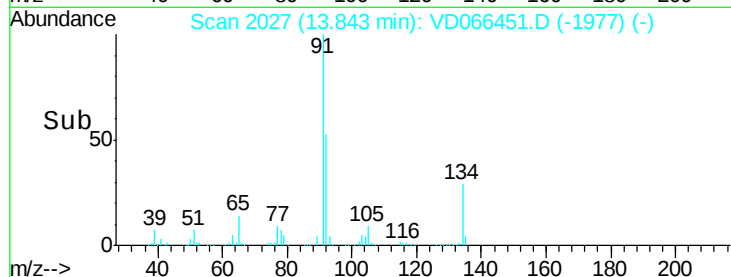
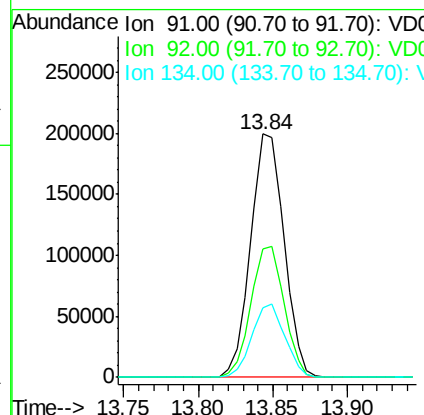
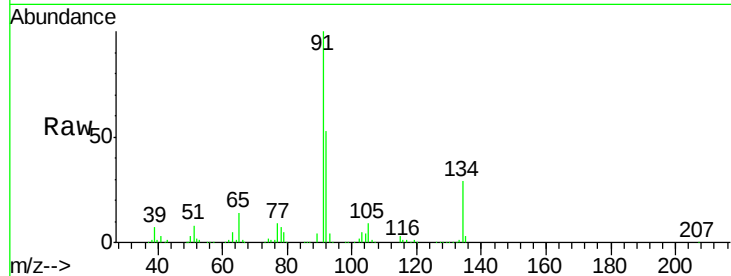
#89
n-Butylbenzene
Concen: 50.875 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	26.4	79.0	
134	29.7	14.4	43.4	

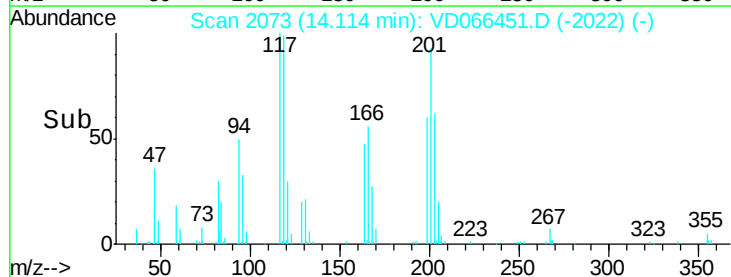
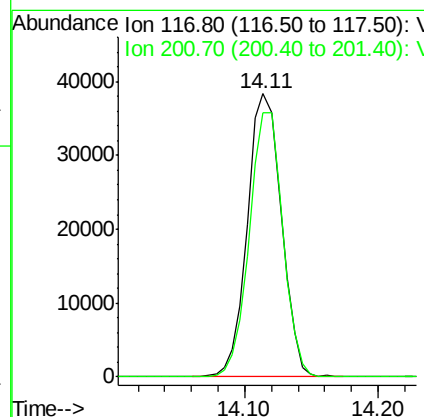
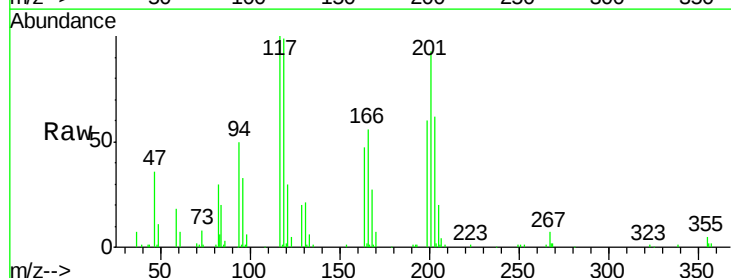
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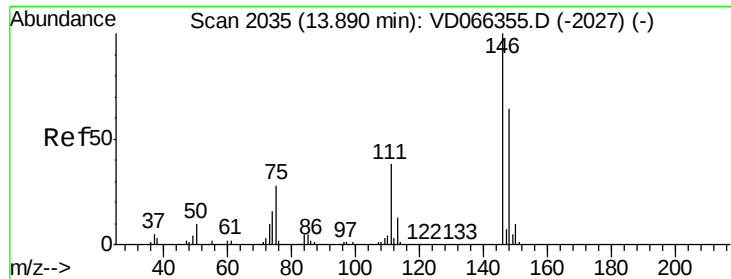
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#90
Hexachloroethane
Concen: 49.704 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066451.D
Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	91.9	45.4	136.2	





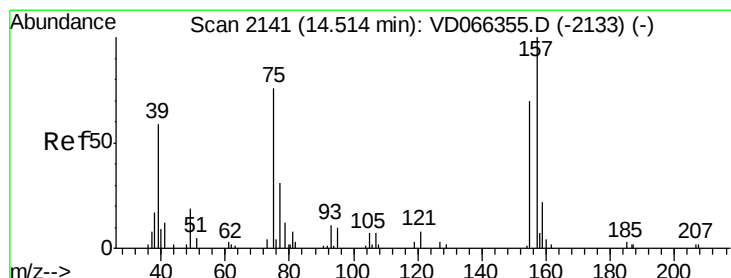
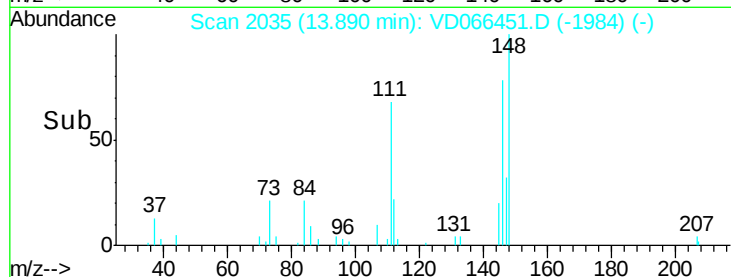
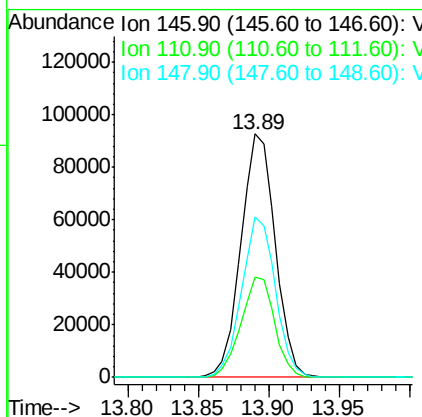
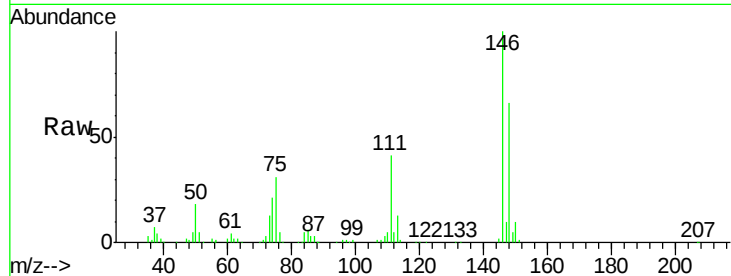
#91
 1,2-Dichlorobenzene
 Concen: 53.408 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	64.7	32.6	97.8

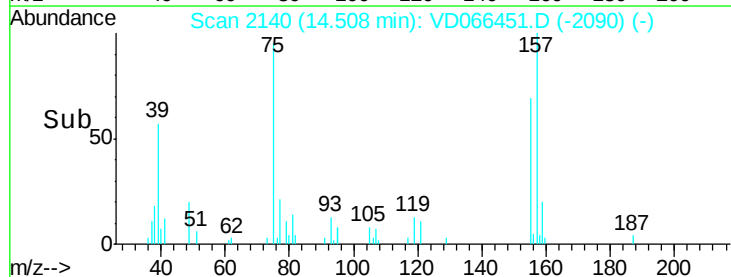
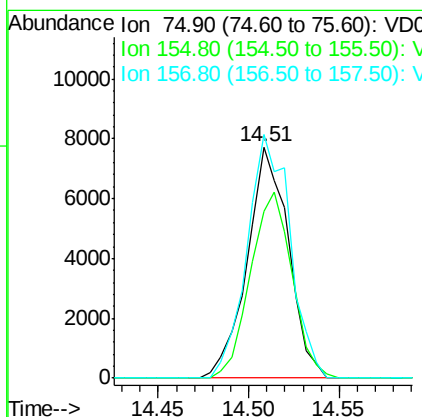
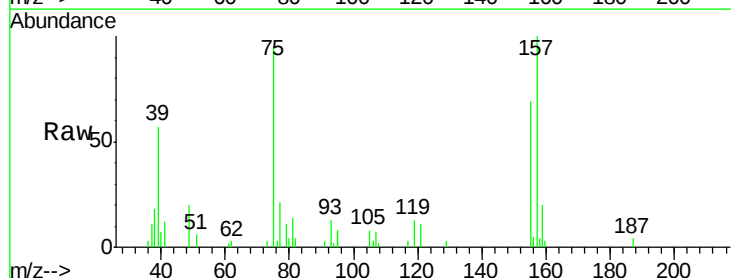
Manual Integrations
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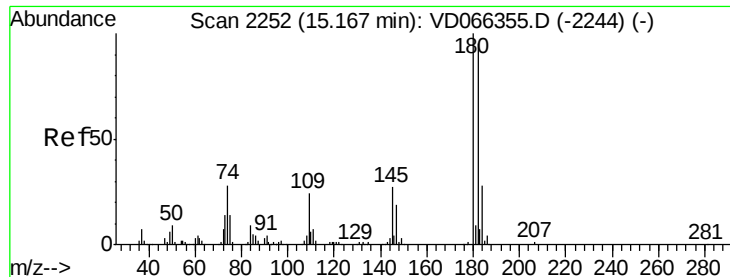
MMDadoda
 8/31/2020 11:58:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.237 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	46.9	140.6
157	109.2	61.0	183.0





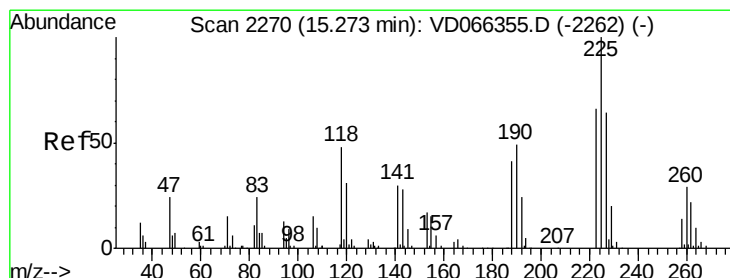
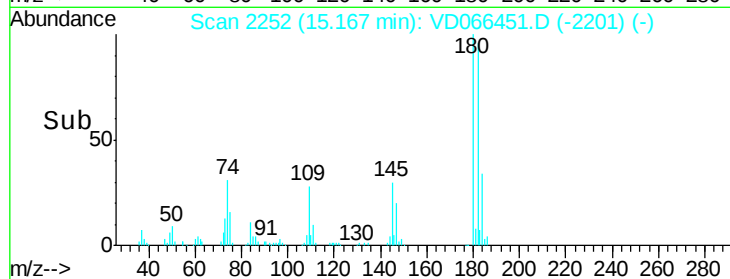
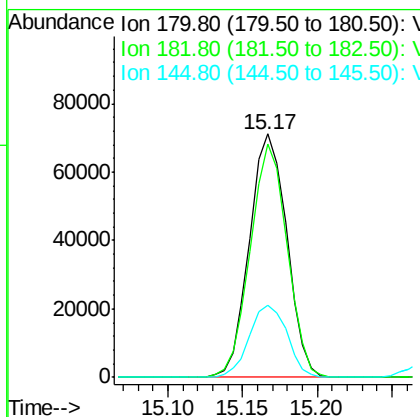
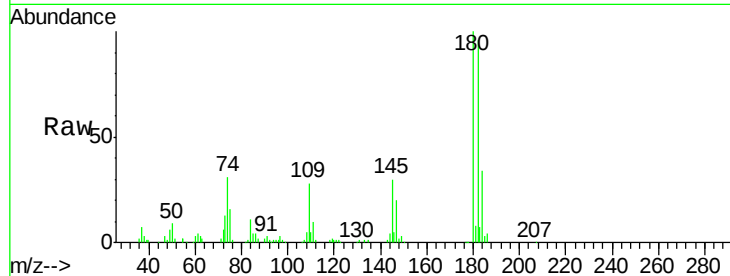
#93
 1,2,4-Trichlorobenzene
 Concen: 53.437 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	123291
Ion Ratio	Lower	Upper	
180	100		
182	94.5	48.0	144.0
145	30.0	15.2	45.6

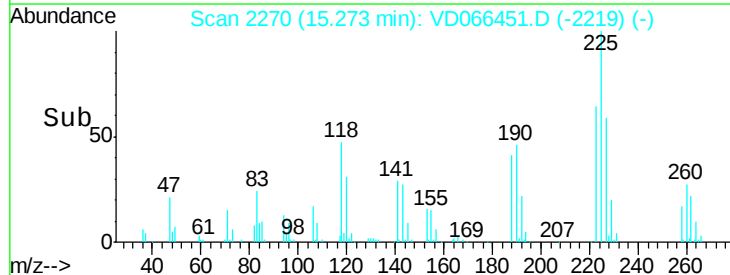
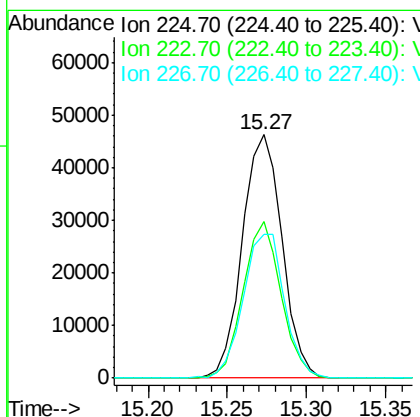
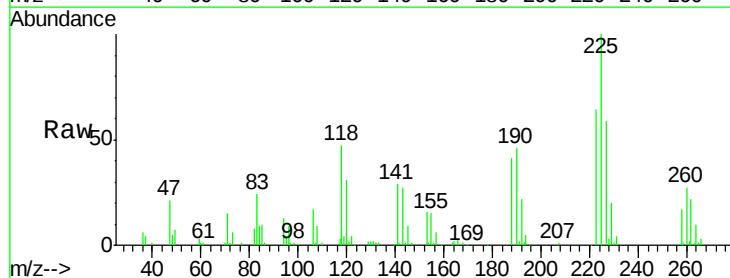
Manual Integrations
 APPROVED

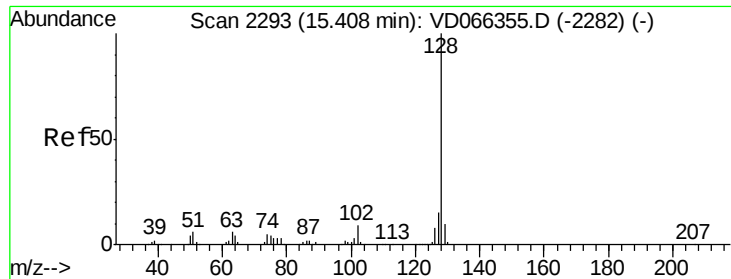
MMDadoda
 8/31/2020 11:58:45 AM



#94
 Hexachlorobutadiene
 Concen: 56.178 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066451.D
 Acq: 28 Aug 2020 11:03

Tgt Ion:	225	Resp:	80548
Ion Ratio	Lower	Upper	
225	100		
223	61.6	32.5	97.4
227	61.7	33.0	98.9





#95

Naphthalene

Concen: 55.810 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Instrument :

MSVOA_D

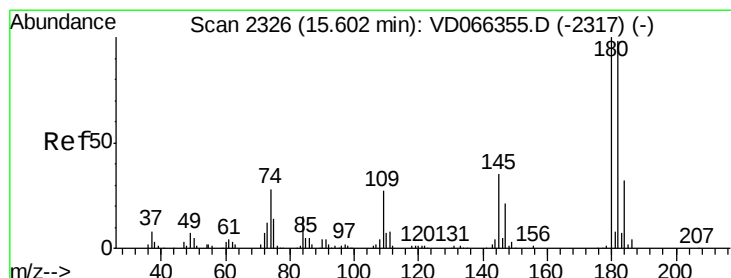
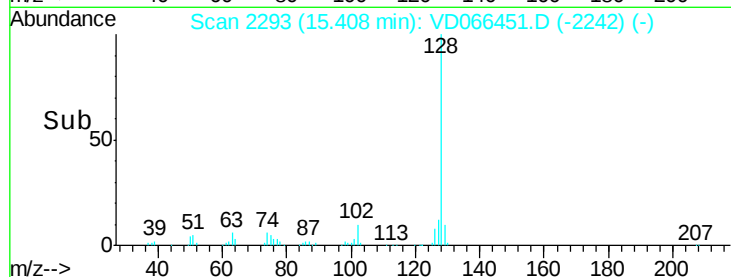
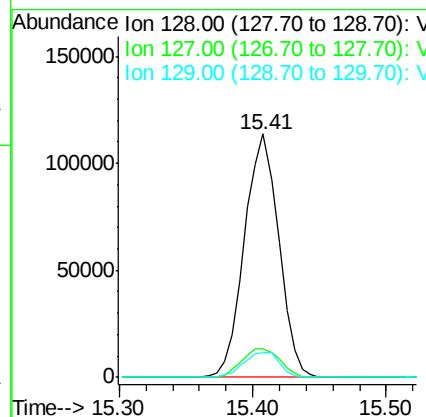
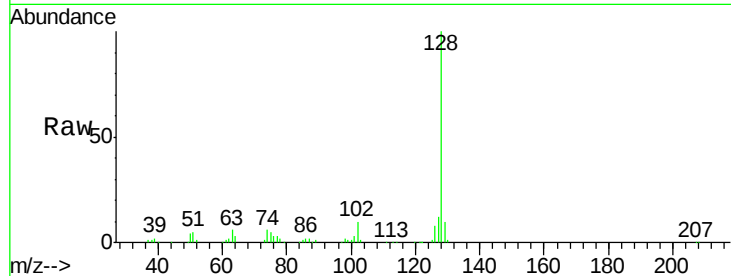
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.7	16.1
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
8/31/2020 11:58:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 53.713 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066451.D

Acq: 28 Aug 2020 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.7	140.0
145	32.6	16.0	48.0

