

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
 Data File : VD067589.D
 Acq On : 10 Nov 2020 18:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:04:20 PM

Quant Time: Nov 11 01:03:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	285807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	406026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	382976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	116631	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.92	113	118654	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.34	98	403963	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.64	95	149956	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	106112	45.452	ug/l	95
3) Chloromethane	2.21	50	68893	38.709	ug/l	99
4) Vinyl Chloride	2.35	62	80877	40.759	ug/l	100
5) Bromomethane	2.77	94	69864	43.439	ug/l	98
6) Chloroethane	2.93	64	54318	44.401	ug/l	97
7) Trichlorofluoromethane	3.27	101	239297	46.576	ug/l	95
8) Diethyl Ether	3.71	74	52761	50.964	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	120406	46.427	ug/l	99
10) Methyl Iodide	4.30	142	133932	48.184	ug/l	99
11) Tert butyl alcohol	5.21	59	37940	361.284	ug/l	97
12) 1,1-Dichloroethene	4.07	96	111908	46.912	ug/l	90
13) Acrolein	3.92	56	33172	293.493	ug/l	99
14) Allyl chloride	4.71	41	115760	45.341	ug/l	96
15) Acrylonitrile	5.41	53	97561	254.935	ug/l	99
16) Acetone	4.16	43	89653	239.732	ug/l	96
17) Carbon Disulfide	4.41	76	318352	43.551	ug/l	100
18) Methyl Acetate	4.71	43	42417	54.888	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	254520	54.091	ug/l #	91
20) Methylene Chloride	4.97	84	129298	48.945	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	127401	45.853	ug/l	99
22) Diisopropyl ether	6.37	45	241323	48.505	ug/l	96
23) Vinyl Acetate	6.31	43	656558	252.107	ug/l	95
24) 1,1-Dichloroethane	6.27	63	190829	46.885	ug/l	98
25) 2-Butanone	7.21	43	103391	258.737	ug/l	99
26) 2,2-Dichloropropane	7.21	77	199194	46.371	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	139119	48.239	ug/l	97
28) Bromochloromethane	7.54	49	71189	49.171	ug/l	94
29) Tetrahydrofuran	7.56	42	62035	259.169	ug/l	96
30) Chloroform	7.71	83	236774	48.762	ug/l	95
31) Cyclohexane	7.99	56	157824	43.543	ug/l #	83
32) 1,1,1-Trichloroethane	7.91	97	239014	47.707	ug/l	99
36) 1,1-Dichloropropene	8.11	75	170549	49.072	ug/l	100
37) Ethyl Acetate	7.29	43	45308	50.213	ug/l	96
38) Carbon Tetrachloride	8.10	117	236996	52.483	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	208081	50.868	ug/l	99
40) Benzene	8.36	78	463945	49.281	ug/l	95
41) Methacrylonitrile	7.53	41	27060m	50.171	ug/l	
42) 1,2-Dichloroethane	8.43	62	154534	53.128	ug/l	99
43) Isopropyl Acetate	8.46	43	94680	53.057	ug/l	99
44) Trichloroethene	9.11	130	156600	50.589	ug/l	95
45) 1,2-Dichloropropane	9.39	63	105379	51.772	ug/l	94
46) Dibromomethane	9.48	93	69983	54.075	ug/l	100
47) Bromodichloromethane	9.67	83	194290	55.233	ug/l	97
48) Methyl methacrylate	9.46	41	47817	51.898	ug/l	91
49) 1,4-Dioxane	9.46	88	14380	1094.512	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	243192	284.956	ug/l	100
52) Toluene	10.41	92	324860	51.518	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	161891	53.736	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	184694	51.599	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	92492	54.014	ug/l	96
56) Ethyl methacrylate	10.67	69	100493	56.830	ug/l	97
57) 1,3-Dichloropropane	10.95	76	147302	53.457	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	237727	288.287	ug/l	97
59) 2-Hexanone	10.99	43	168916	283.072	ug/l	99
60) Dibromochloromethane	11.14	129	140155	55.330	ug/l	98
61) 1,2-Dibromoethane	11.25	107	90849	52.862	ug/l	98
64) Tetrachloroethene	10.88	164	137967	48.643	ug/l	96
65) Chlorobenzene	11.67	112	371267	50.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	148215	50.975	ug/l	99
67) Ethyl Benzene	11.75	91	646628	51.223	ug/l	99
68) m/p-Xylenes	11.86	106	505125	102.851	ug/l	97
69) o-Xylene	12.18	106	225419	51.409	ug/l	99
70) Styrene	12.20	104	392145	51.323	ug/l	99
71) Bromoform	12.37	173	80037	53.974	ug/l #	98
73) Isopropylbenzene	12.48	105	629510	48.042	ug/l	100
74) N-amyl acetate	12.29	43	85393	49.526	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	88752	49.671	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	69968m	57.205	ug/l	
77) Bromobenzene	12.77	156	160260	49.800	ug/l	97
78) n-propylbenzene	12.83	91	735525	49.074	ug/l	100
79) 2-Chlorotoluene	12.91	91	423549	49.748	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	568702	50.806	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	28983	48.109	ug/l	96
82) 4-Chlorotoluene	13.01	91	458407	50.202	ug/l	99
83) tert-Butylbenzene	13.23	119	489377	51.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	563394	50.564	ug/l	98
85) sec-Butylbenzene	13.40	105	634142	49.517	ug/l	98
86) p-Isopropyltoluene	13.52	119	609306	49.269	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	295108	48.059	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	296033	47.612	ug/l	98
89) n-Butylbenzene	13.85	91	523835	49.039	ug/l	99
90) Hexachloroethane	14.11	117	117306	50.370	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	266114	50.074	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17651	55.794	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	192437	53.351	ug/l	98
94) Hexachlorobutadiene	15.27	225	116018	48.060	ug/l	99
95) Naphthalene	15.40	128	321378	57.735	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	165687	53.642	ug/l	99

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

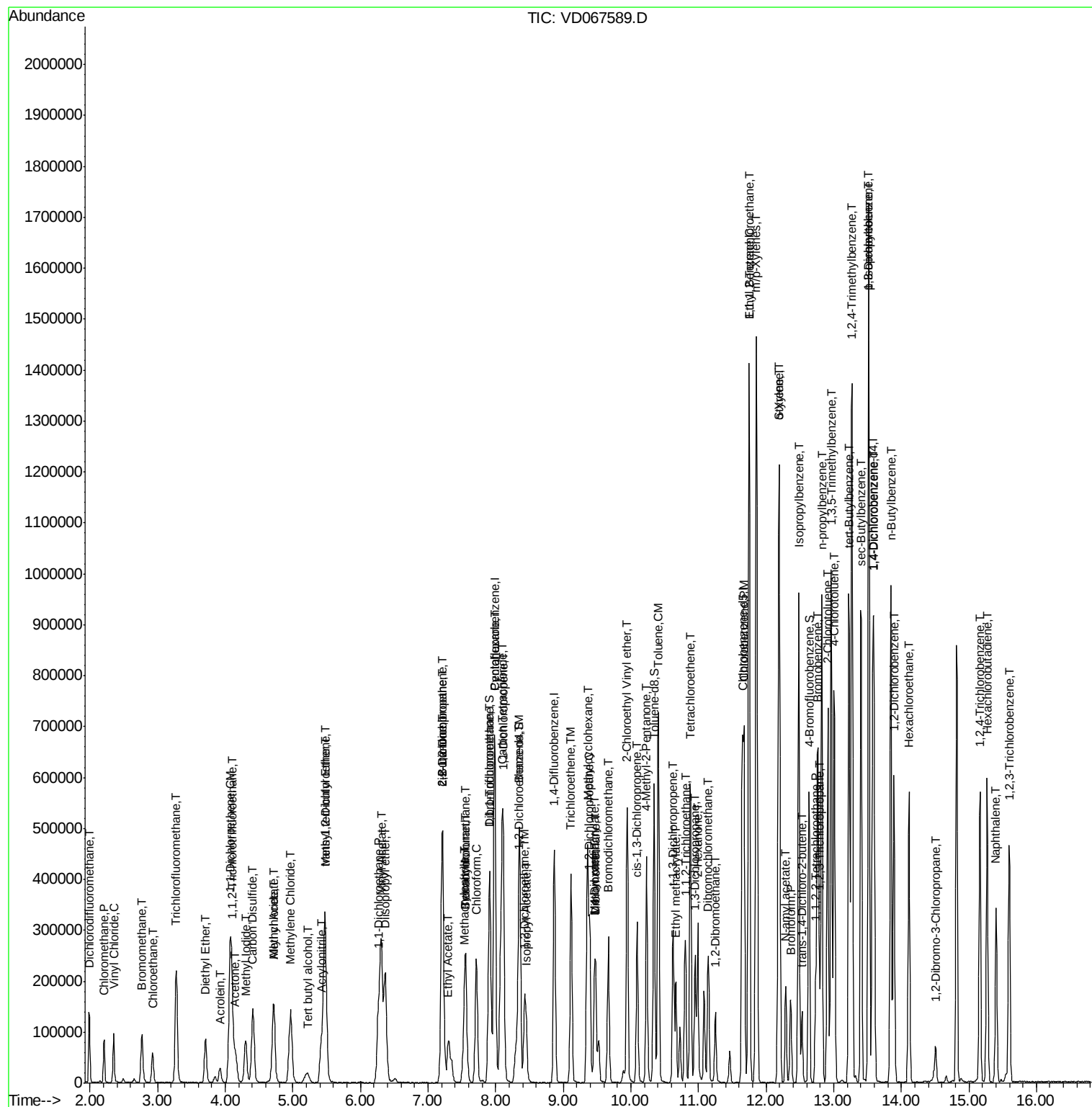
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111020\
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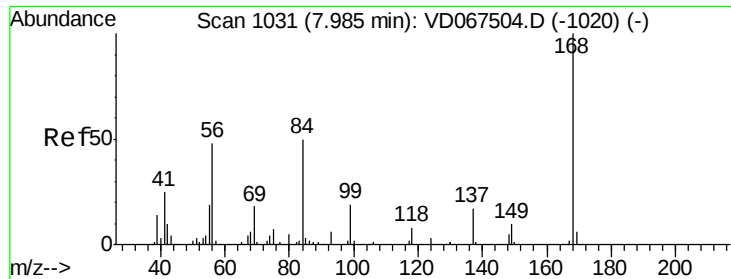
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 285807

Ion Ratio Lower Upper

168 100

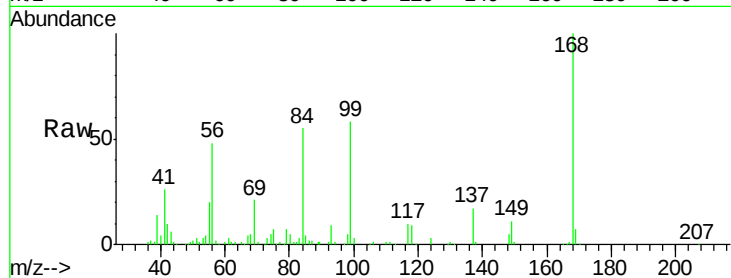
99 57.9 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

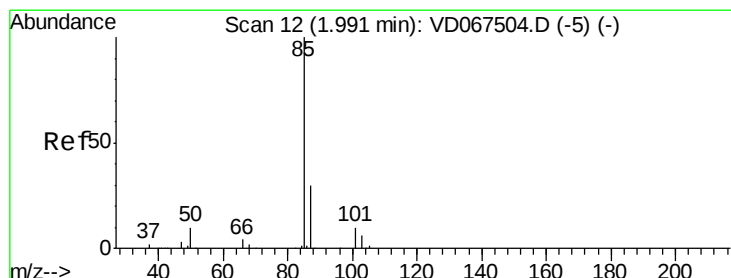
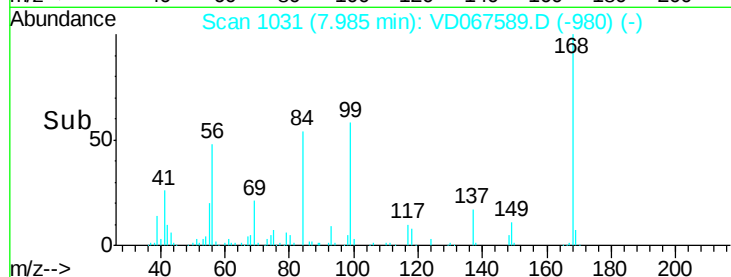
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50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.452 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067589.D

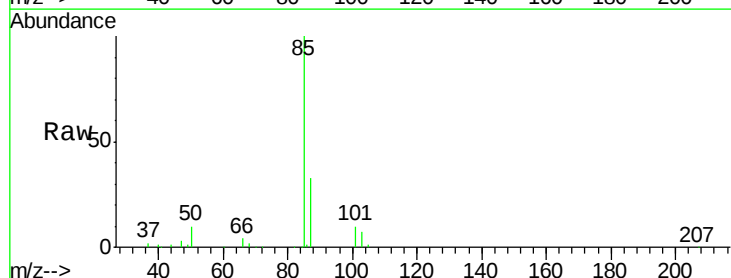
Acq: 10 Nov 2020 18:17

Tgt Ion: 85 Resp: 106112

Ion Ratio Lower Upper

85 100

87 33.0 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

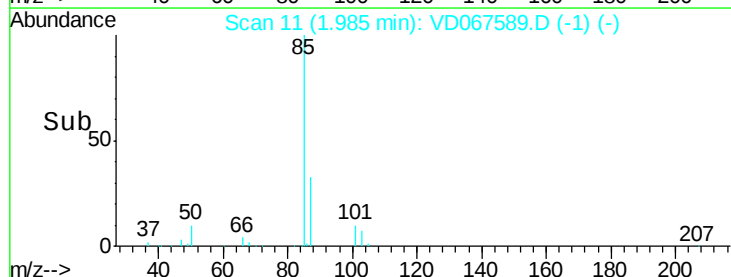
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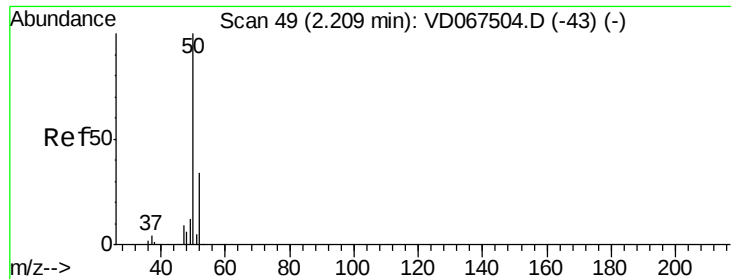
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 38.709 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 68893

Ion Ratio Lower Upper

50 100

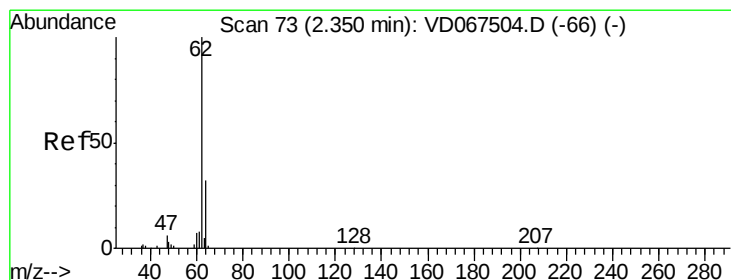
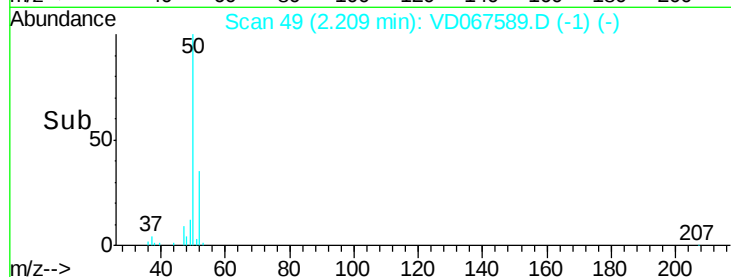
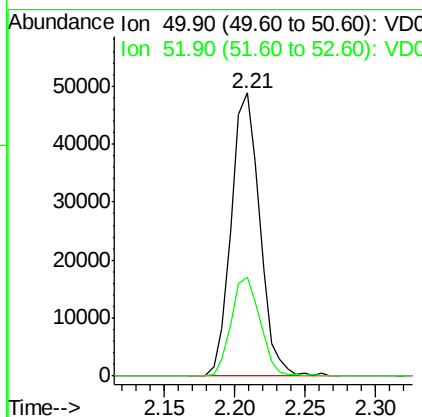
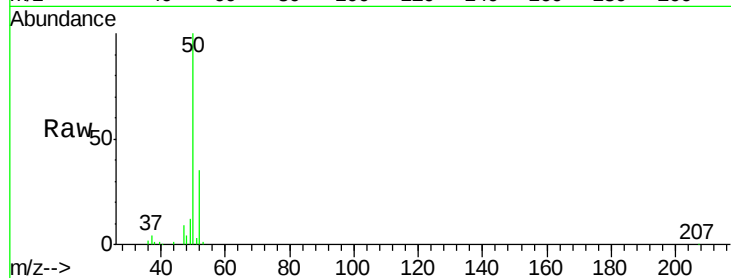
52 34.9 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.759 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067589.D

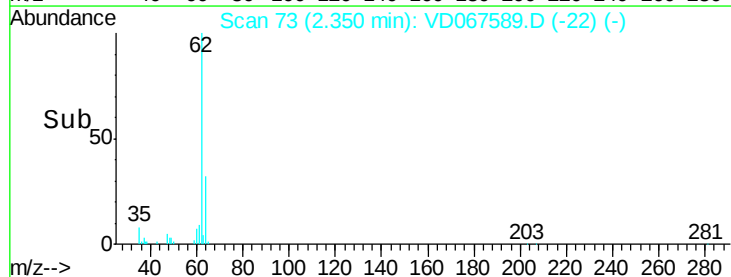
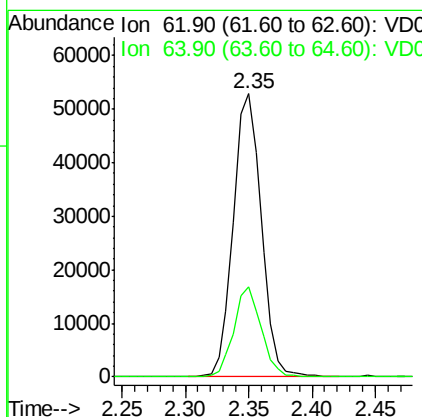
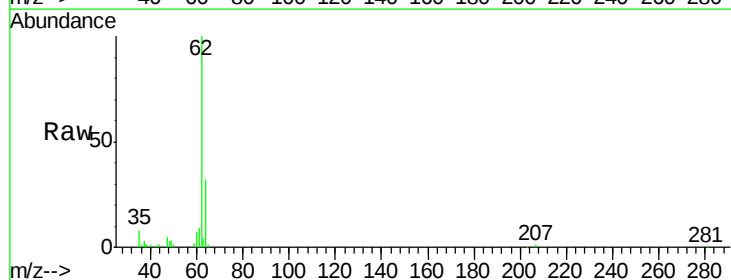
Acq: 10 Nov 2020 18:17

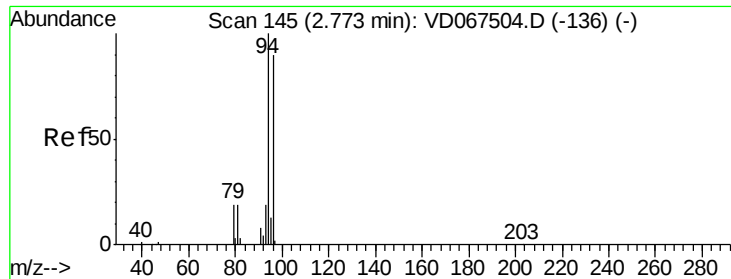
Tgt Ion: 62 Resp: 80877

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 43.439 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

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ClientSampleId :

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Tot Ion: 94 Resp: 69864

Ion Ratio Lower Upper

94 100

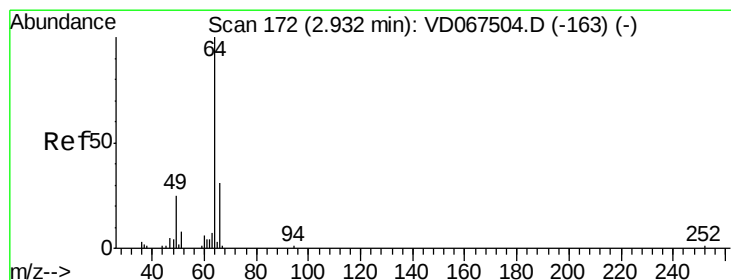
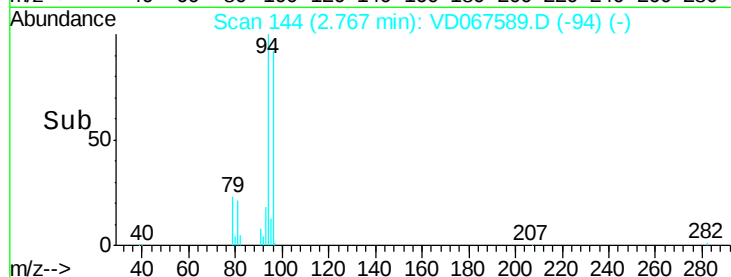
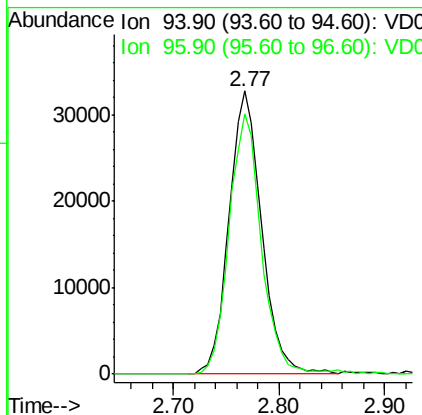
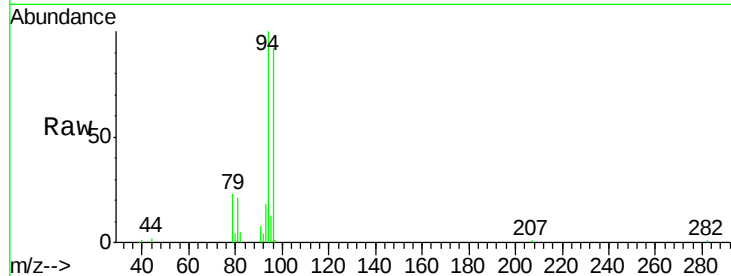
96 91.8 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 44.401 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067589.D

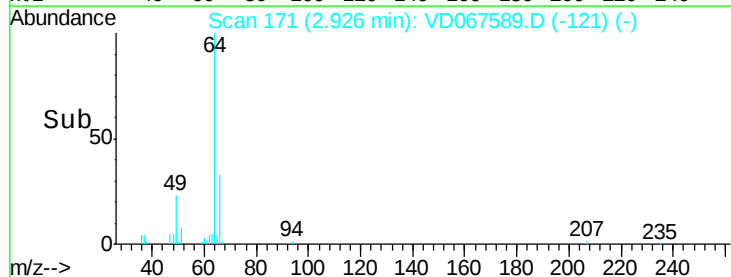
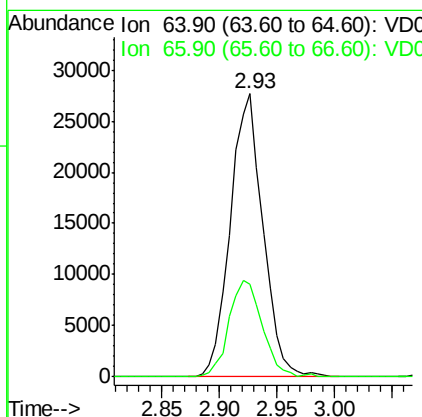
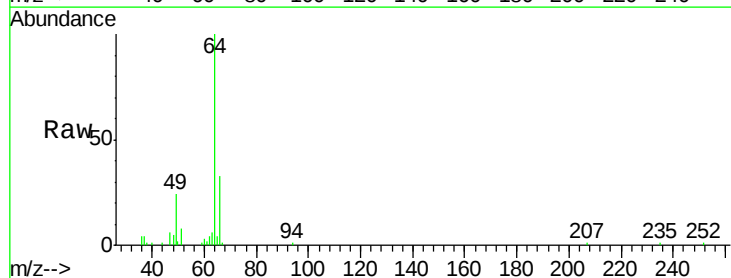
Acq: 10 Nov 2020 18:17

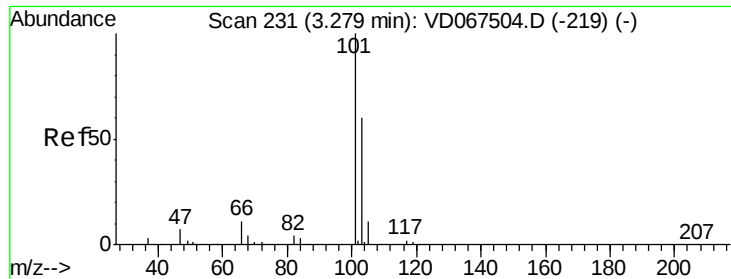
Tgt Ion: 64 Resp: 54318

Ion Ratio Lower Upper

64 100

66 32.6 24.6 36.8





#7

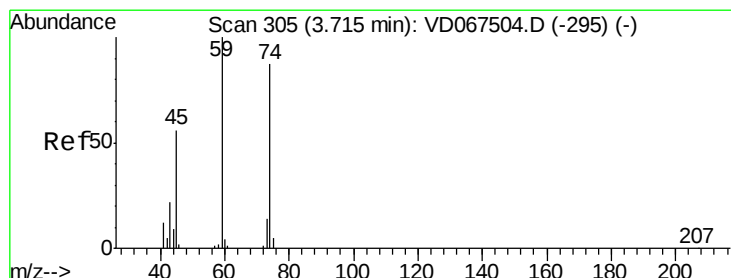
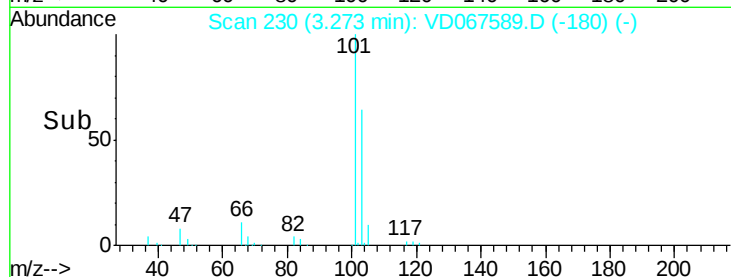
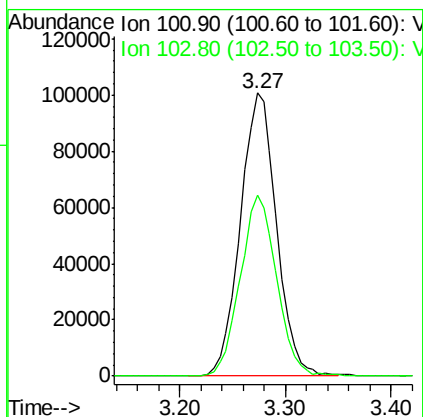
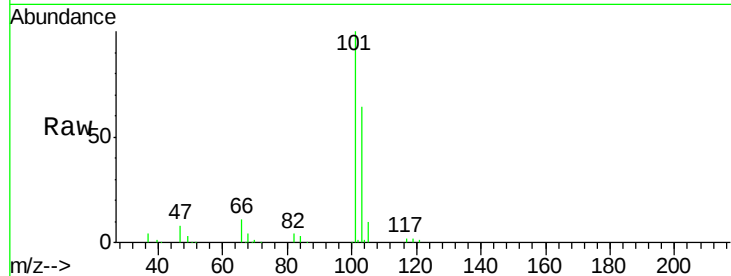
Trichlorofluoromethane
Concen: 46.576 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	48.1	72.1

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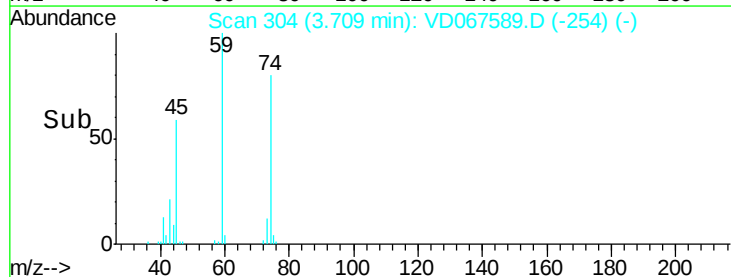
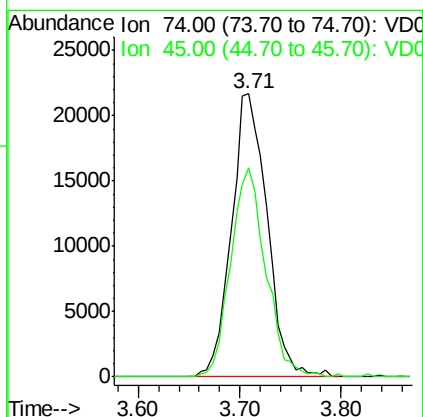
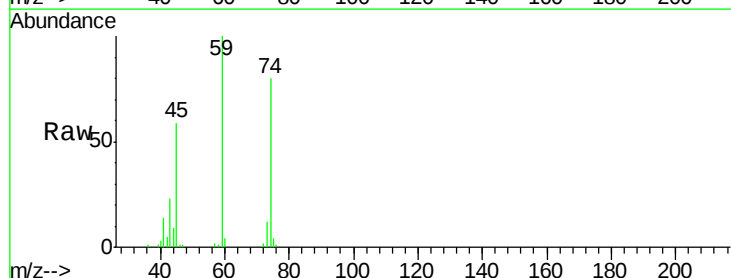
MMDadoda
11/11/2020 1:04:20 PM

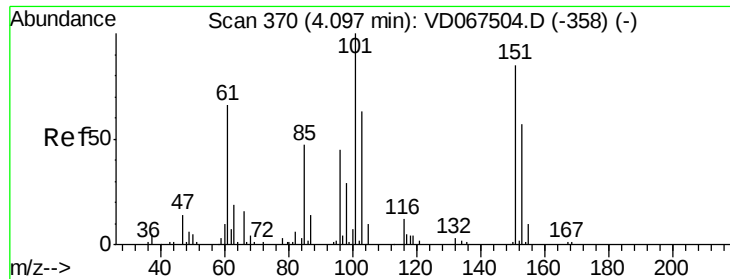


#8

Diethyl Ether
Concen: 50.964 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067589.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.7	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.427 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

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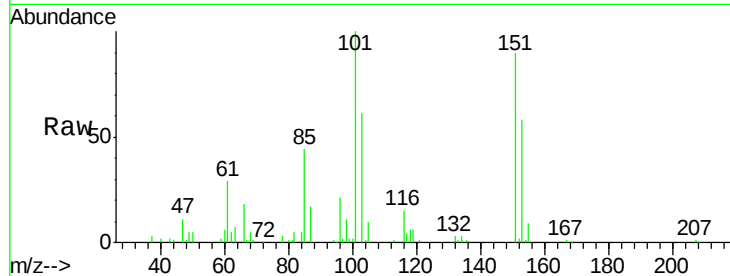
ClientSampleId :

VSTDCCC050EC

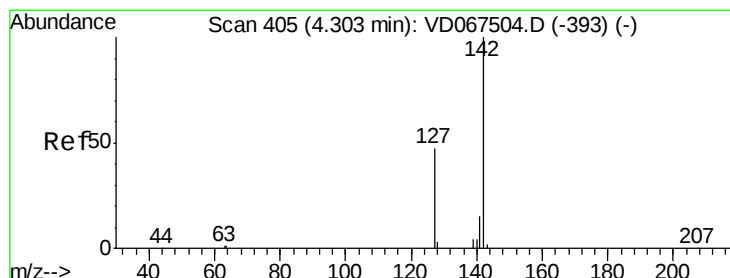
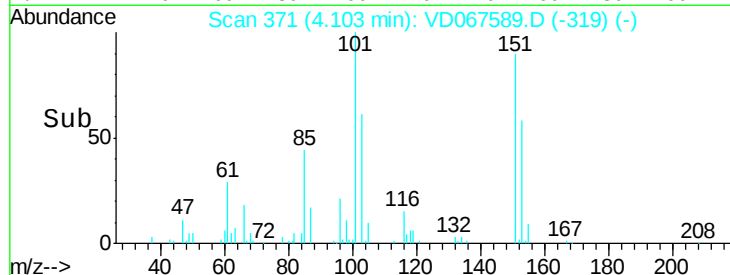
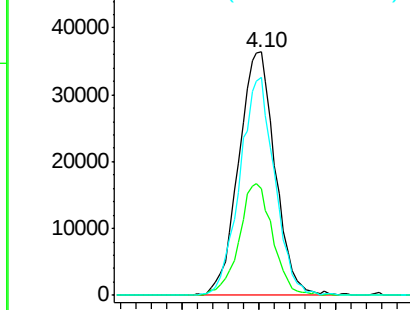
Tot Ion:	101	Resp:	120406
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.4	51.6
151	85.7	68.1	102.1

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



#10

Methyl Iodide

Concen: 48.184 ug/l

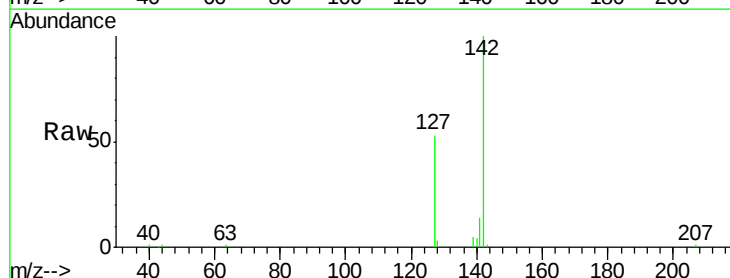
RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

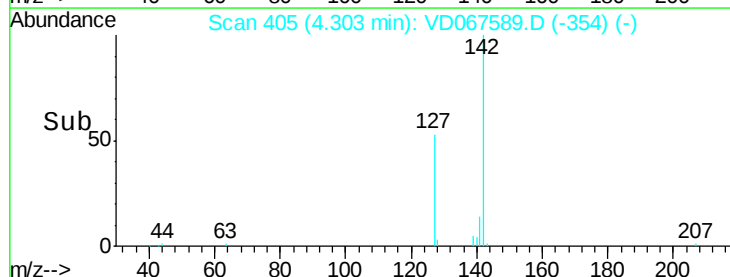
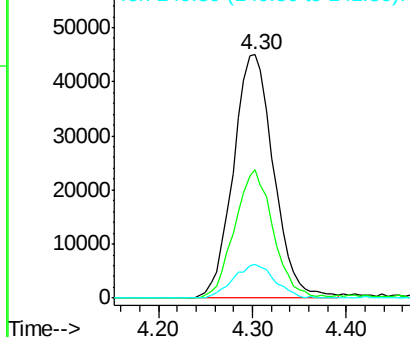
Lab File: VD067589.D

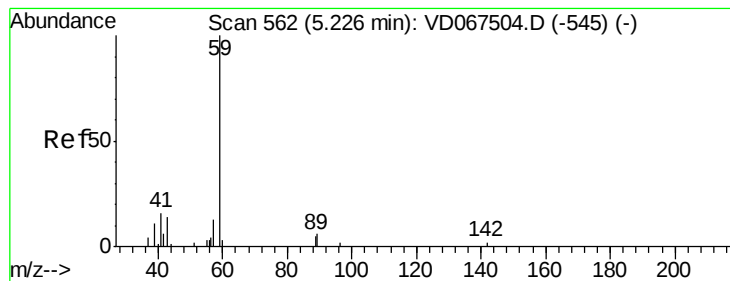
Acq: 10 Nov 2020 18:17

Tgt Ion:	142	Resp:	133932
Ion Ratio	Lower	Upper	
142	100		
127	50.6	40.0	60.0
141	14.3	11.7	17.5



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





#11

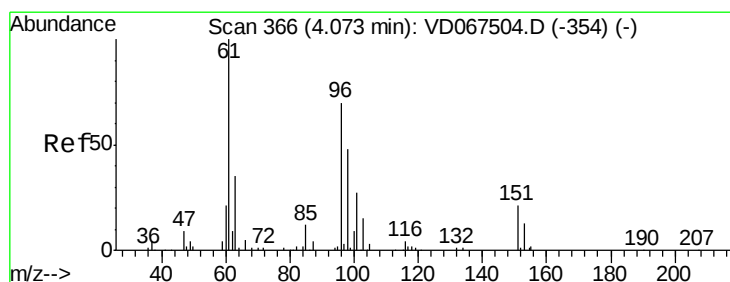
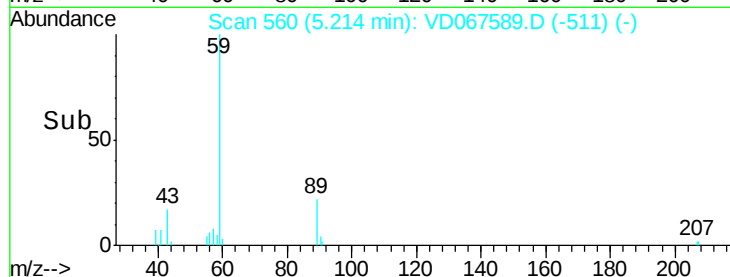
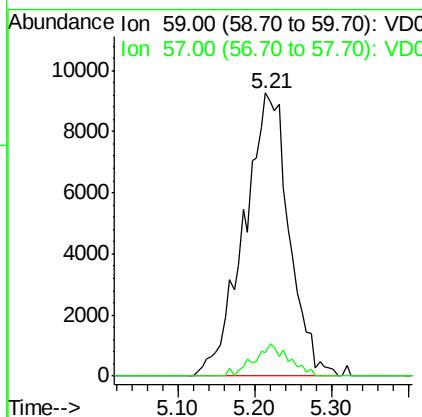
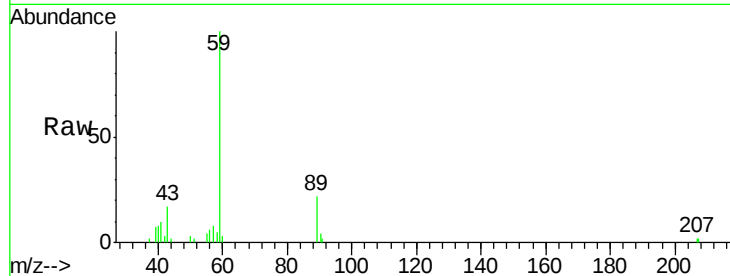
Tert butyl alcohol
 Concen: 361.284 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	Resp	37940
Ion Ratio	100	Lower	Upper
57	8.4	5.9	8.9

Manual Integrations
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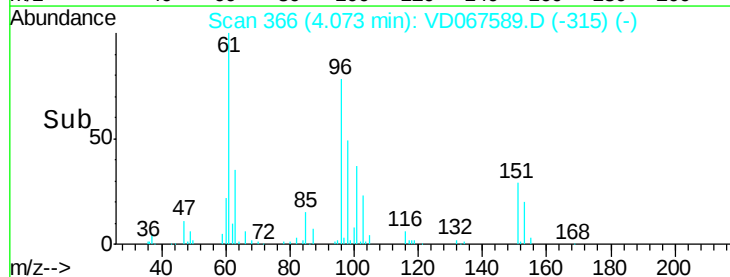
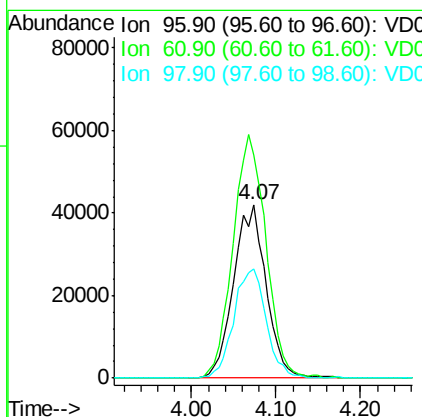
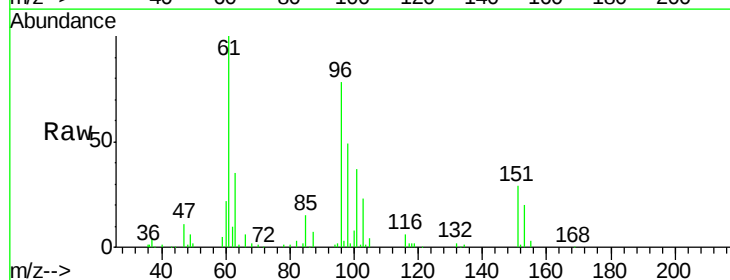
MMDadoda
 11/11/2020 1:04:20 PM

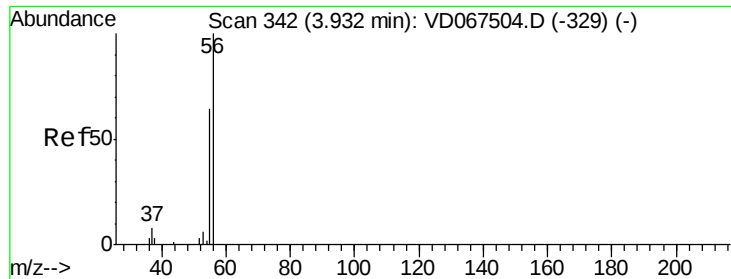


#12

1,1-Dichloroethene
 Concen: 46.912 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion	96	Resp	111908
Ion Ratio	100	Lower	Upper
61	128.8	114.5	171.7
98	63.3	54.5	81.7





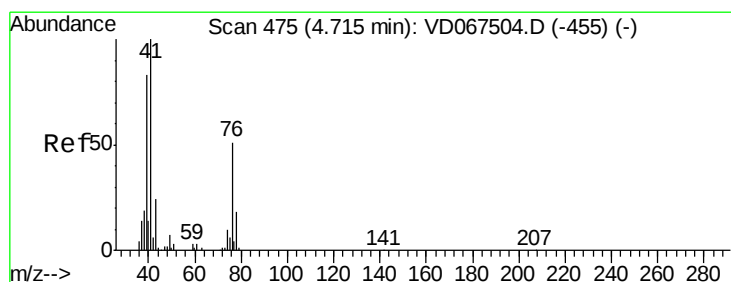
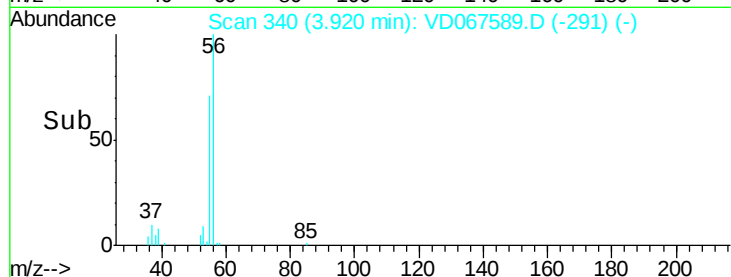
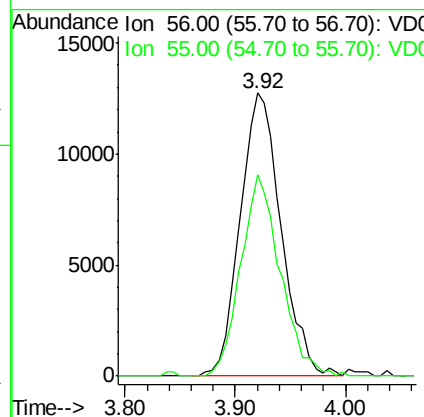
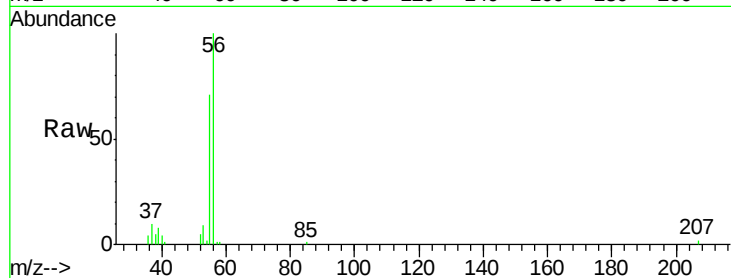
#13
Acrolein
Concen: 293.493 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	33172
Ion Ratio	100	Lower	Upper
56	100		
55	68.6	55.8	83.8

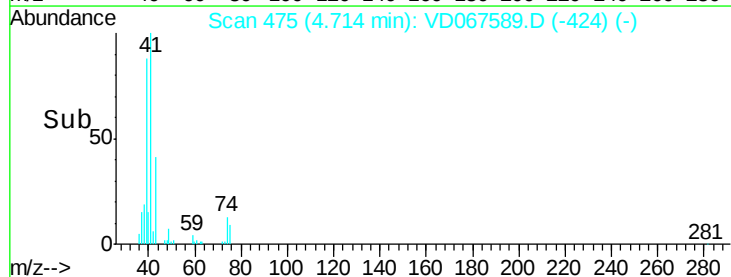
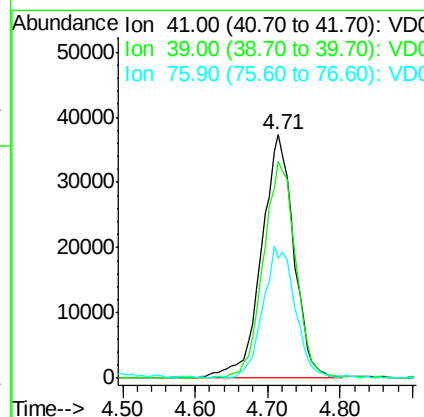
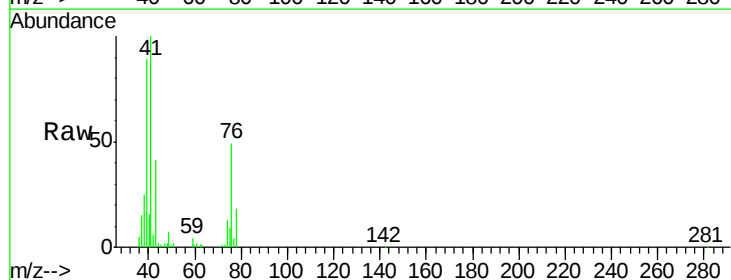
Manual Integrations
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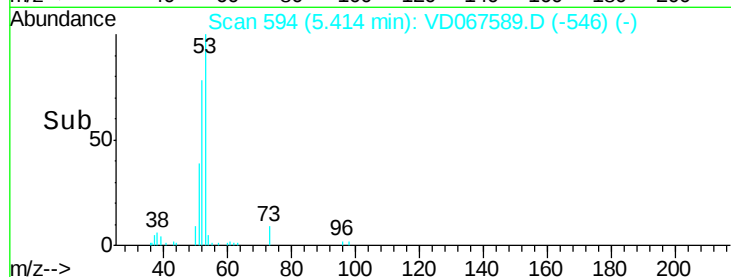
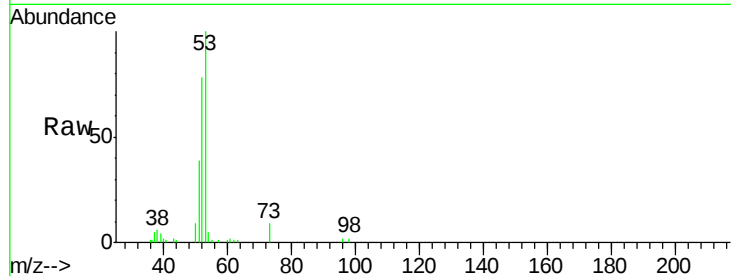
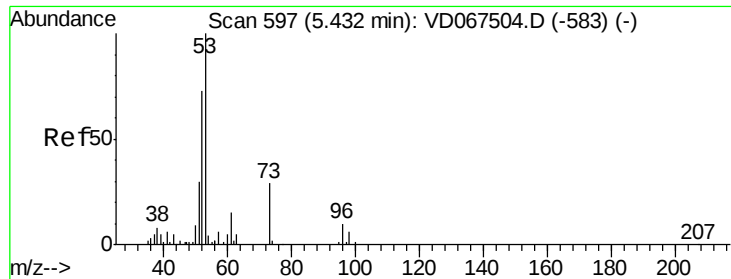
MMDadoda
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#14
Allyl chloride
Concen: 45.341 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	41	Resp	115760
Ion Ratio	100	Lower	Upper
41	100		
39	88.9	67.4	101.0
76	53.5	42.2	63.2





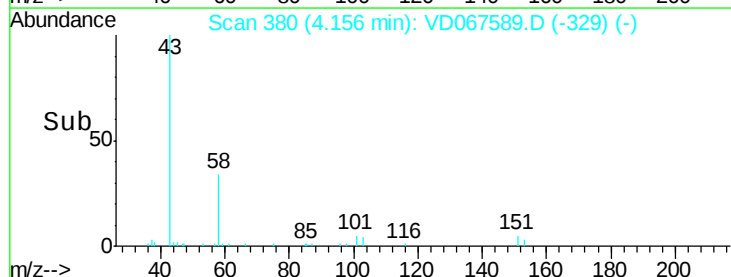
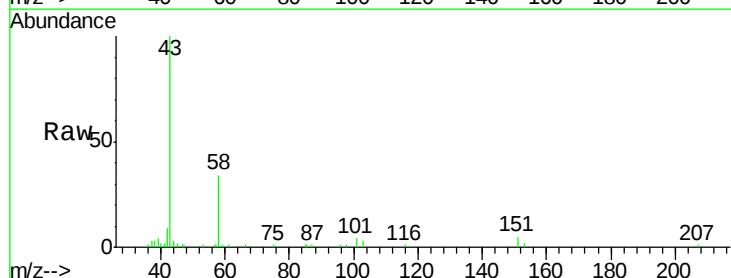
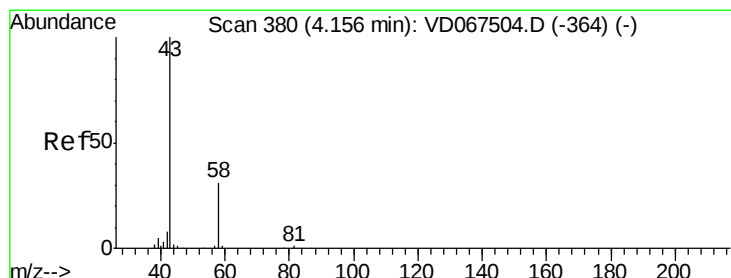
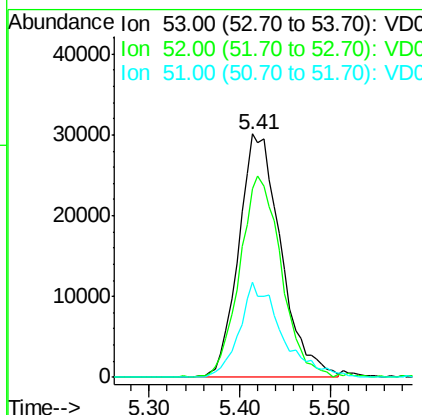
#15
Acrylonitrile
Concen: 254.935 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.02 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.1	64.8	97.2
51	38.9	29.5	44.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

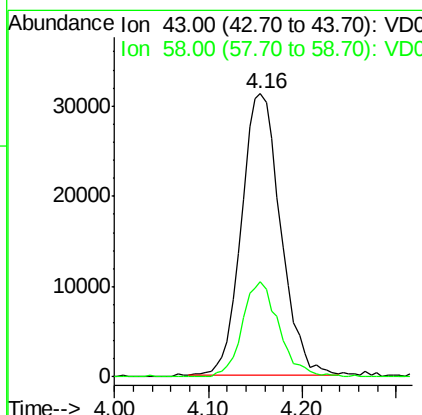
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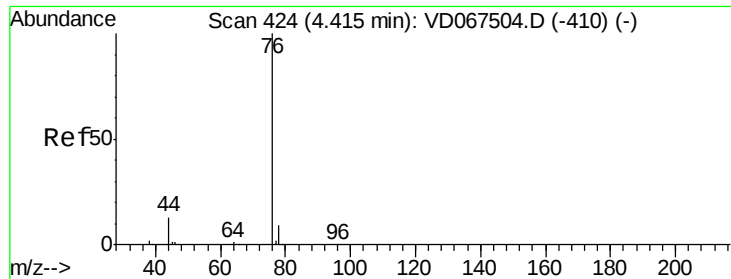
MMDadoda
11/11/2020 1:04:20 PM



#16
Acetone
Concen: 239.732 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.2	37.8





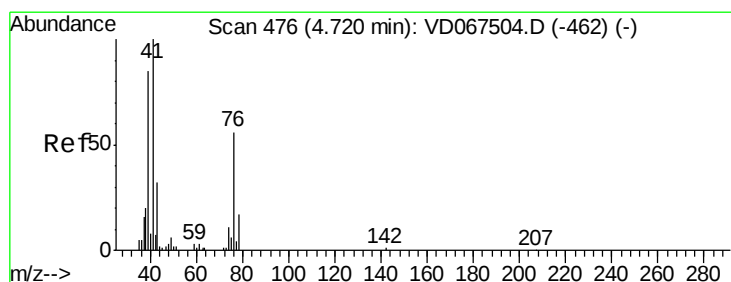
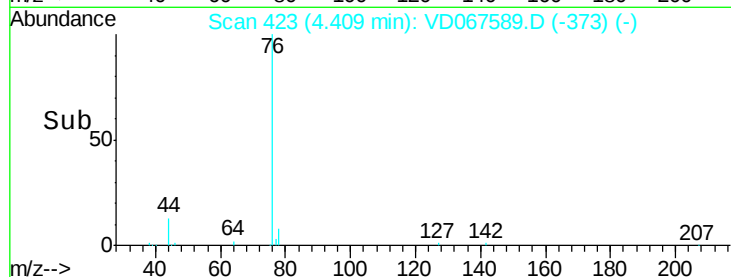
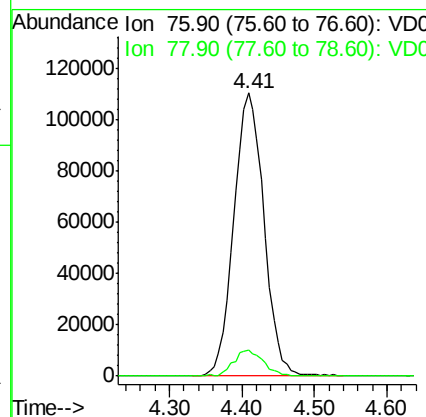
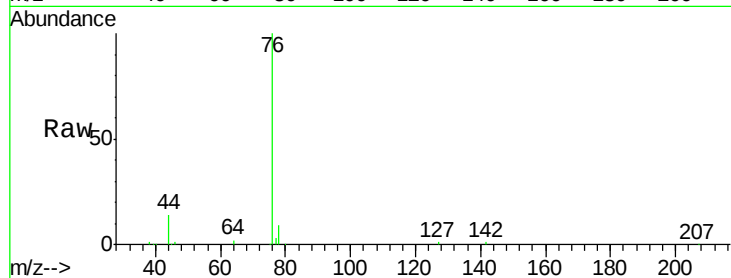
#17
Carbon Disulfide
Concen: 43.551 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

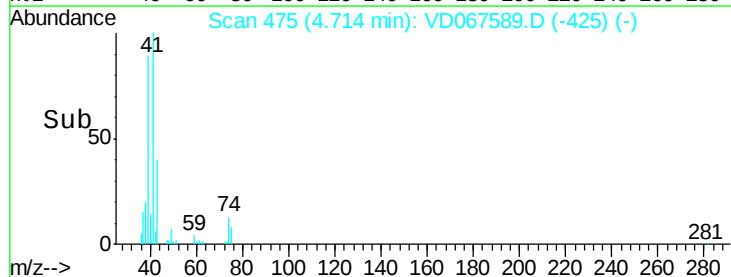
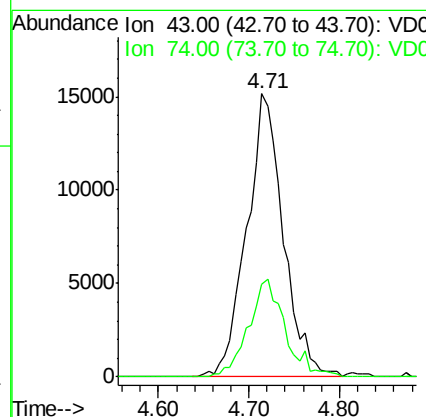
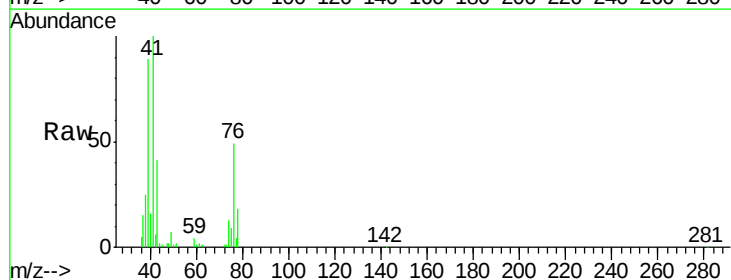
Manual Integrations
APPROVED

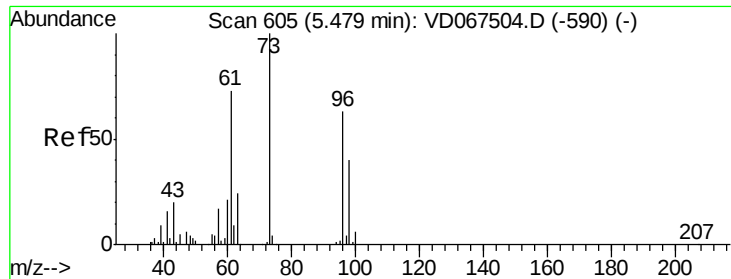
MMDadoda
11/11/2020 1:04:20 PM



#18
Methyl Acetate
Concen: 54.888 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	34.4	27.2	40.8





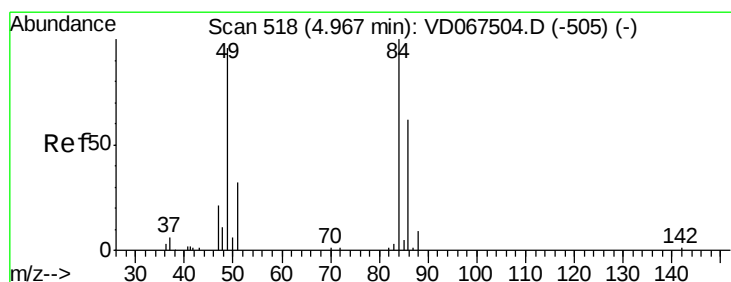
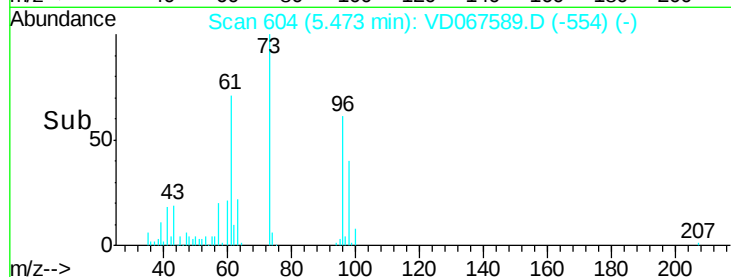
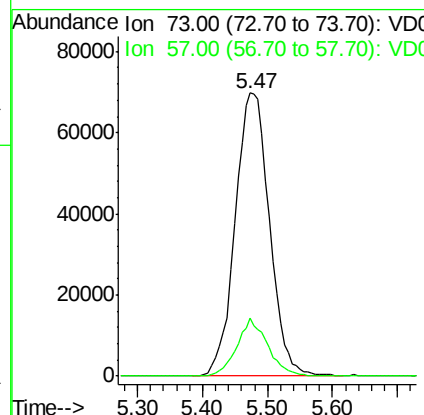
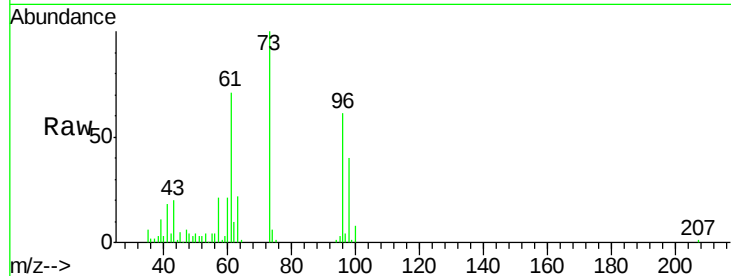
#19
Methyl tert-butyl Ether
Concen: 54.091 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 254520
Ion Ratio Lower Upper
73 100
57 20.6 13.4 20.0#

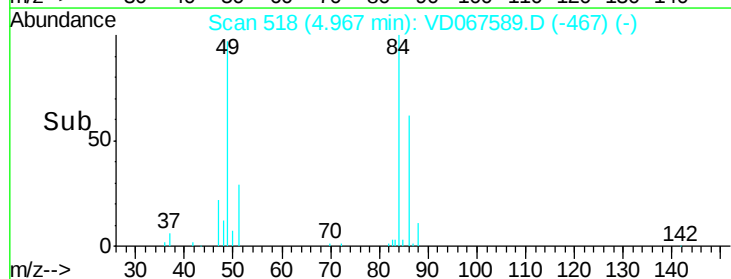
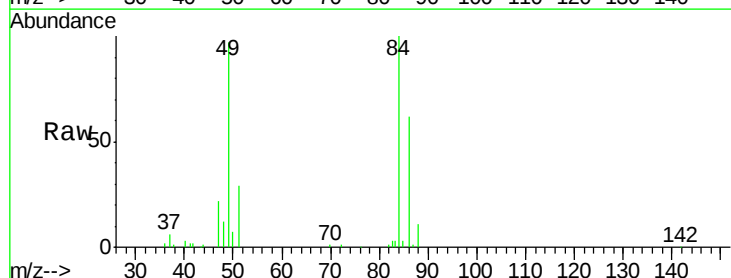
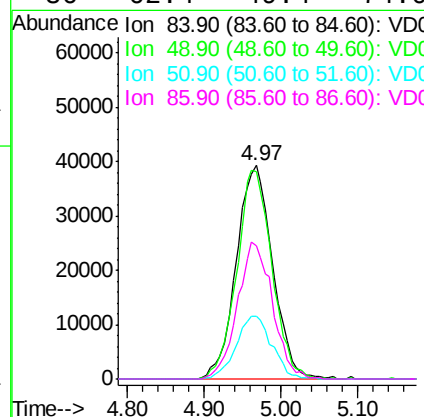
Manual Integrations
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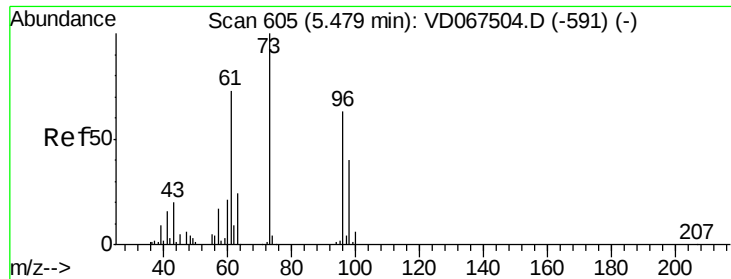
MMDadoda
11/11/2020 1:04:20 PM



#20
Methylene Chloride
Concen: 48.945 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 84 Resp: 129298
Ion Ratio Lower Upper
84 100
49 97.0 77.0 115.4
51 29.5 25.4 38.2
86 62.4 49.4 74.0





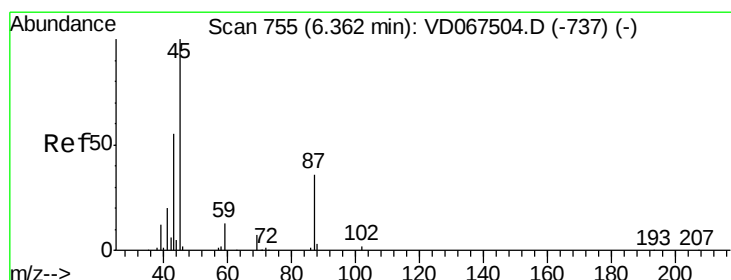
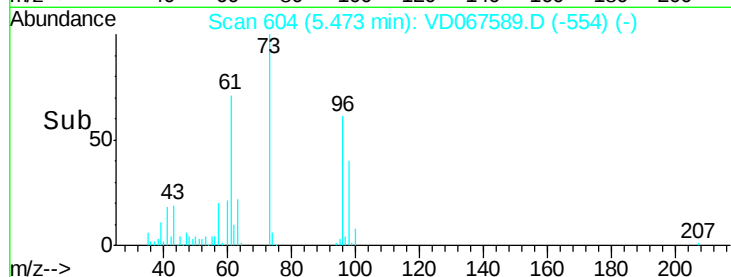
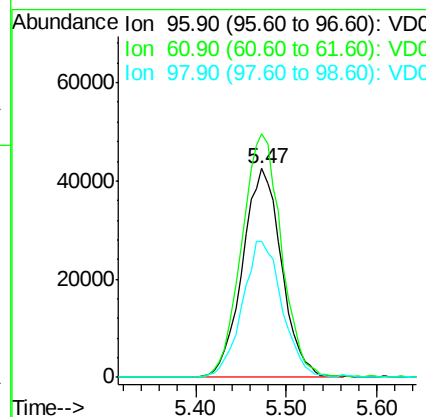
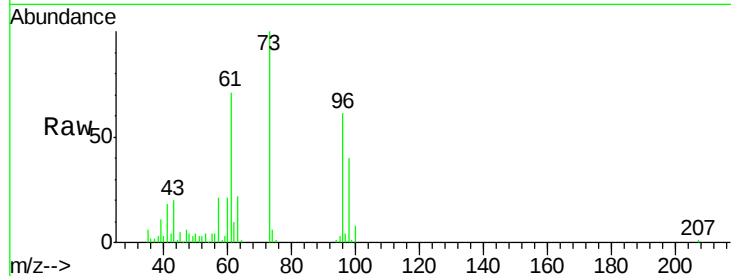
#21
trans-1,2-Dichloroethene
Concen: 45.853 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	116.8	93.0	139.6
98	65.2	50.9	76.3

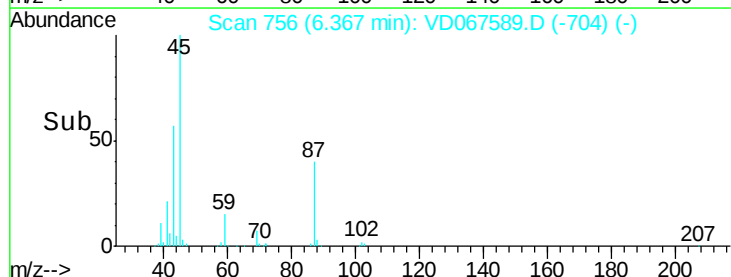
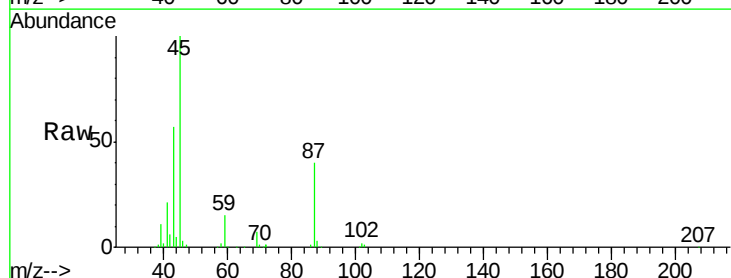
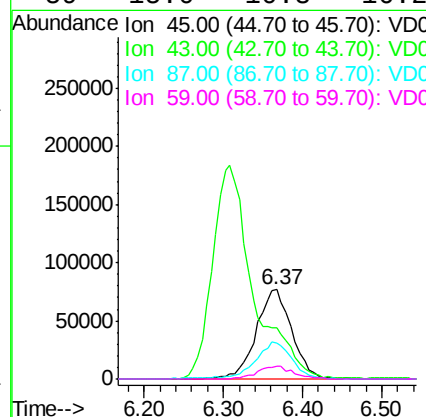
Manual Integrations
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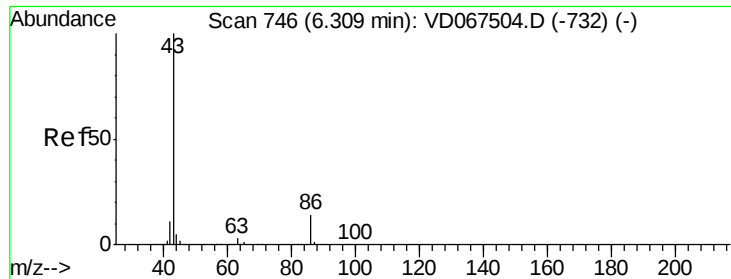
MMDadoda
11/11/2020 1:04:20 PM



#22
Diisopropyl ether
Concen: 48.505 ug/l
RT: 6.37 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.8	46.2	69.4
87	40.0	29.4	44.2
59	15.0	10.8	16.2





#23

Vinyl Acetate

Concen: 252.107 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 656558

Ion Ratio Lower Upper

43 100

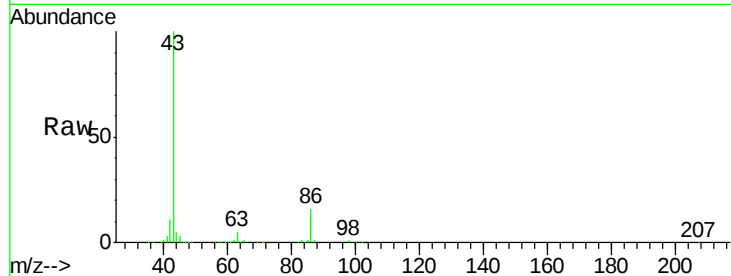
86 16.4 11.6 17.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

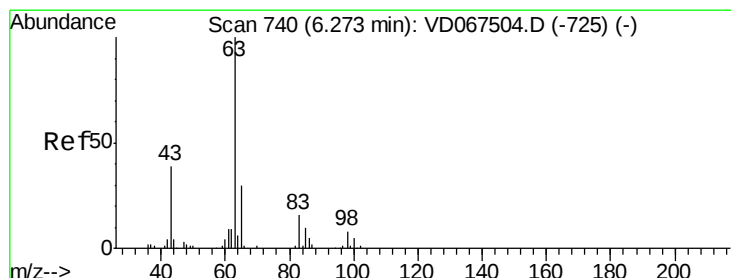
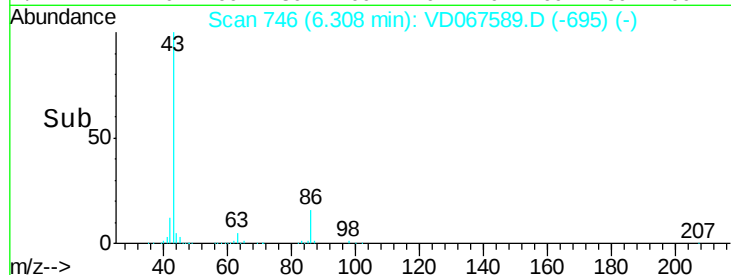
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.885 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

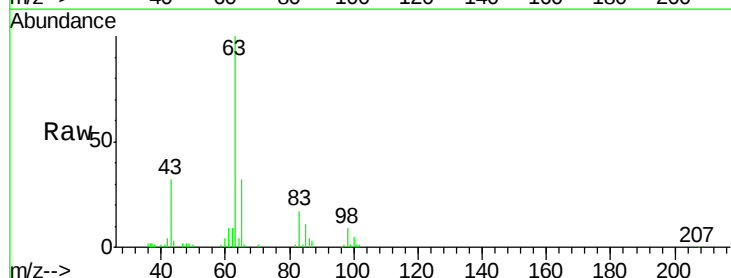
Tgt Ion: 63 Resp: 190829

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.5

100 5.4 2.6 7.8



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

6.27

80000

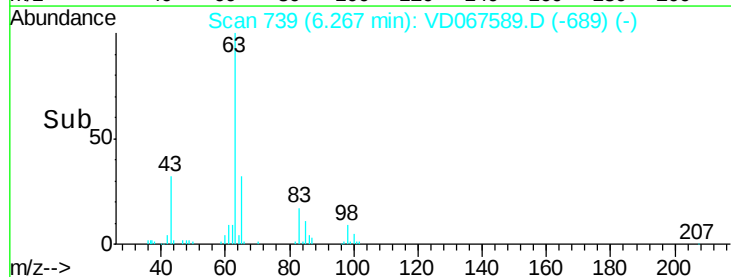
60000

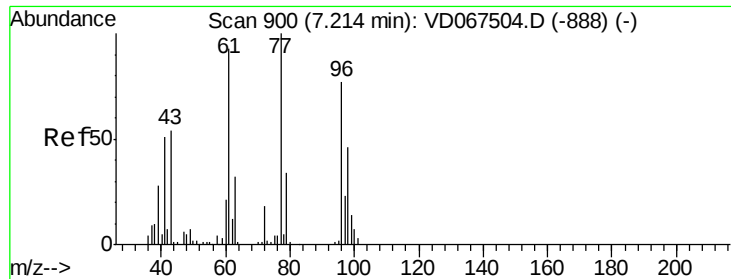
40000

20000

0

Time-->





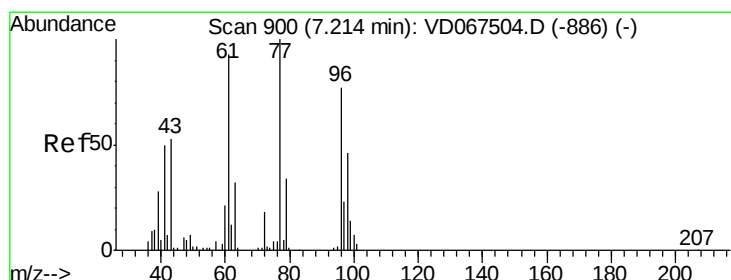
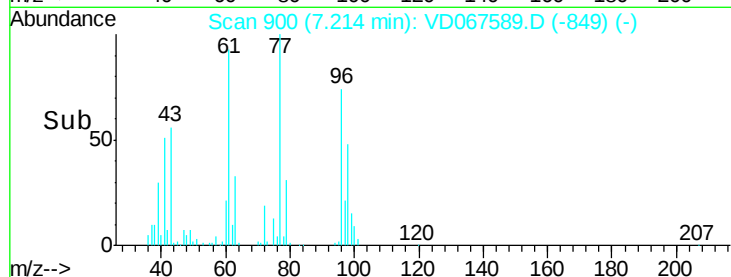
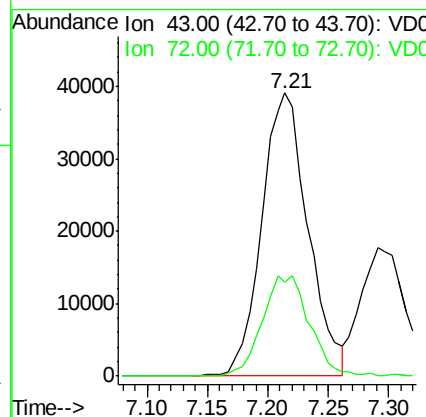
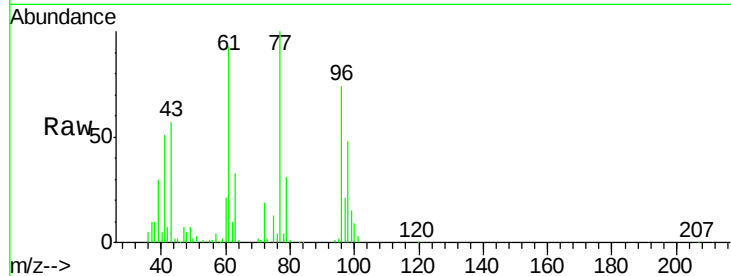
#25
2-Butanone
Concen: 258.737 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 103391
Ion Ratio Lower Upper
43 100
72 33.4 26.4 39.6

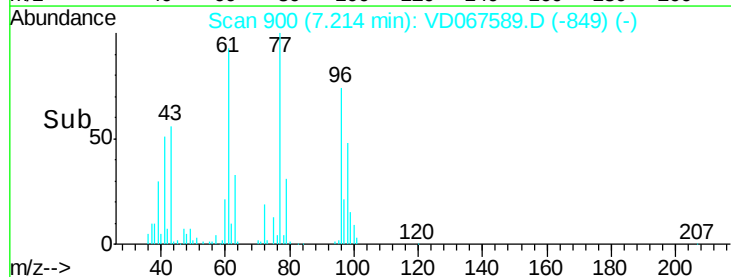
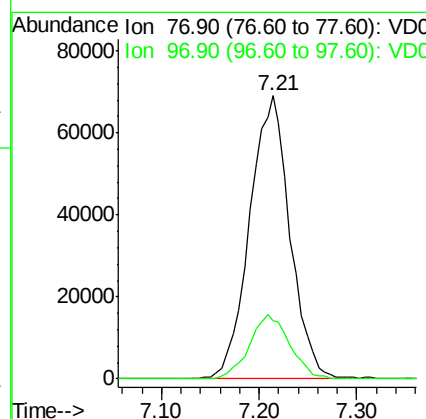
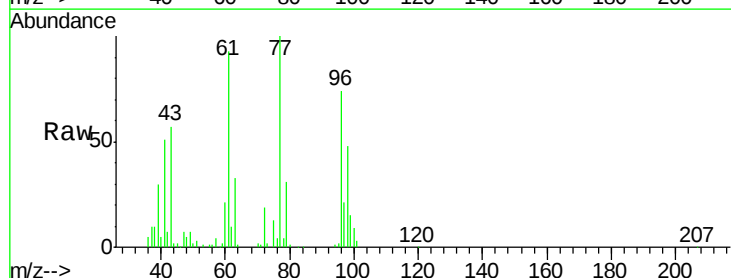
Manual Integrations
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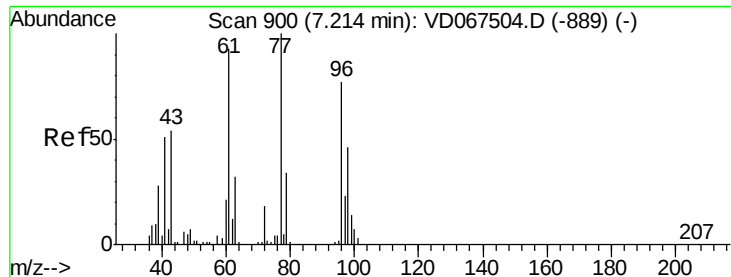
MMDadoda
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#26
2,2-Dichloropropane
Concen: 46.371 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 77 Resp: 199194
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.3





#27

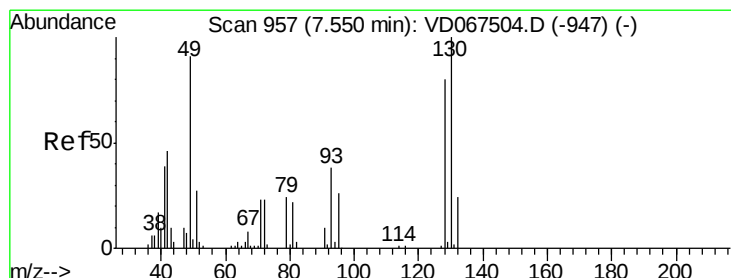
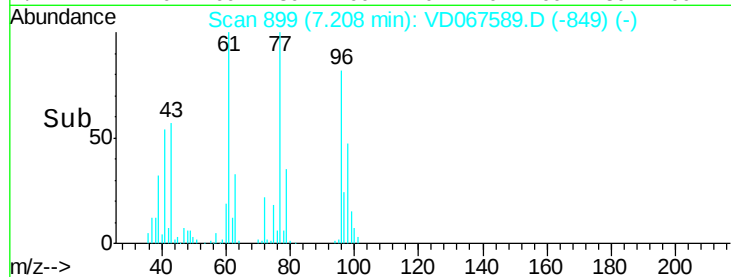
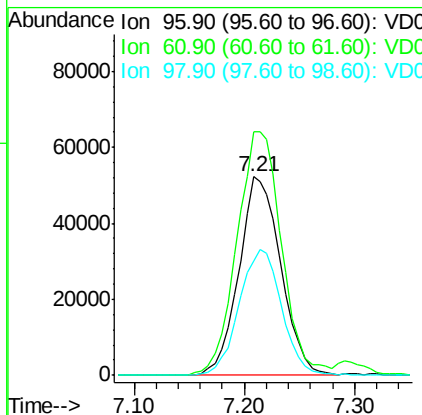
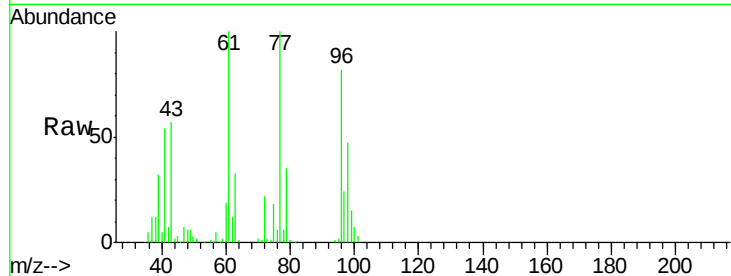
cis-1,2-Dichloroethene
Concen: 48.239 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139119		
61	130.6	0.0	251.6	
98	64.3	0.0	128.0	

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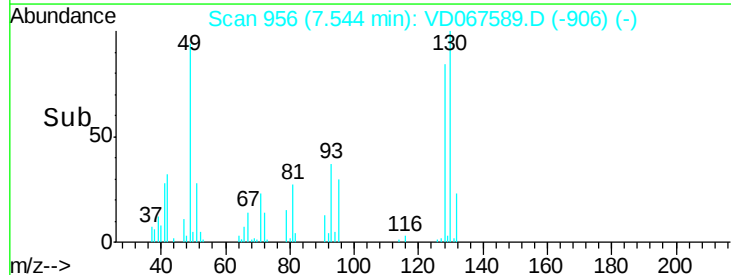
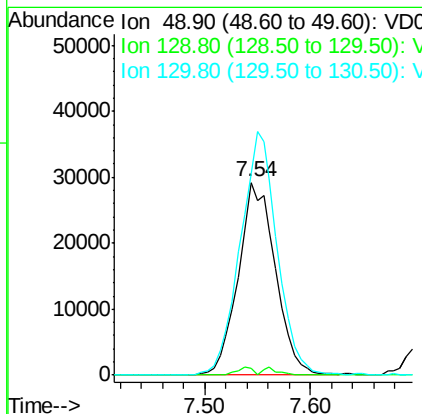
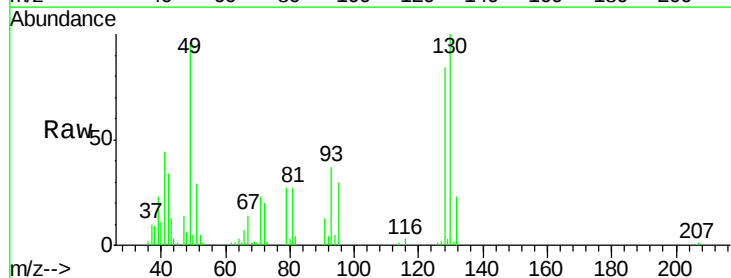
MMDadoda
11/11/2020 1:04:20 PM

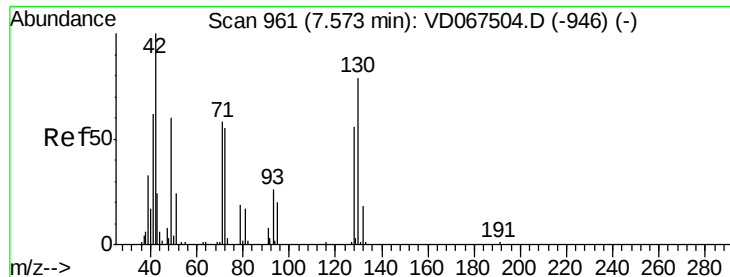


#28

Bromochloromethane
Concen: 49.171 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71189		
129	1.7	0.0	6.4	
130	125.4	94.6	142.0	





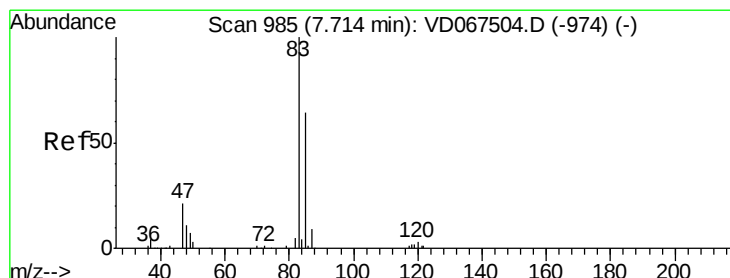
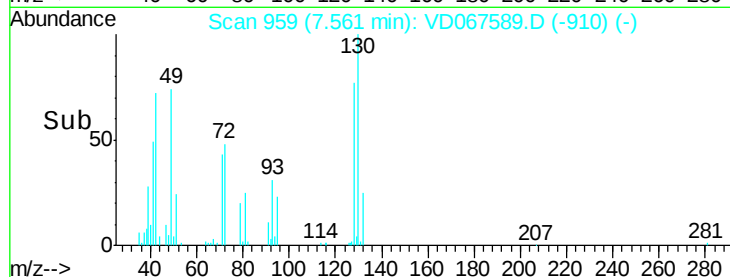
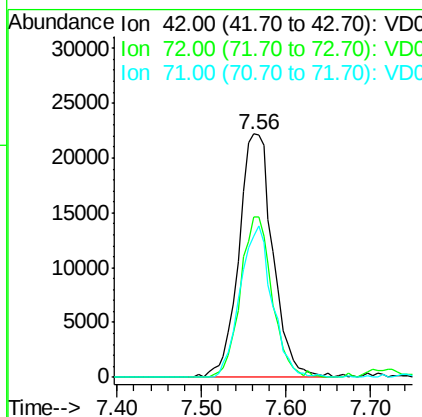
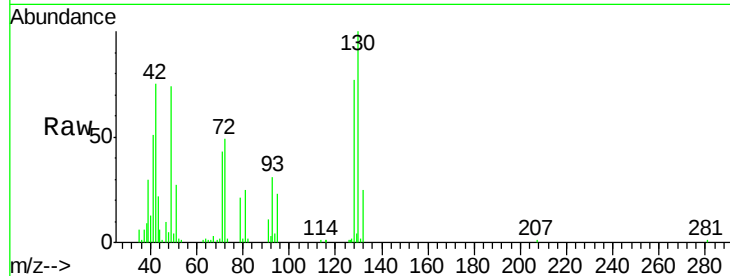
#29
Tetrahydrofuran
Concen: 259.169 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.7	46.3	69.5
71	58.4	44.0	66.0

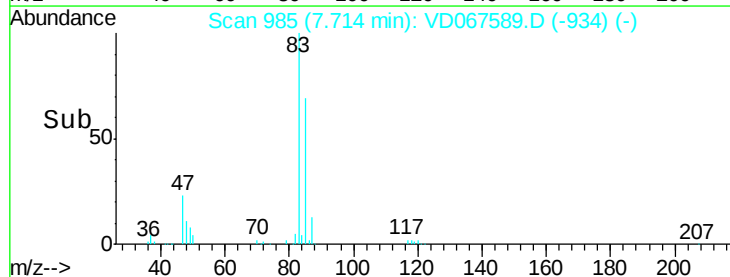
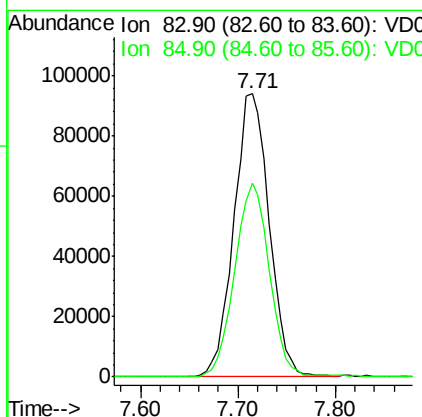
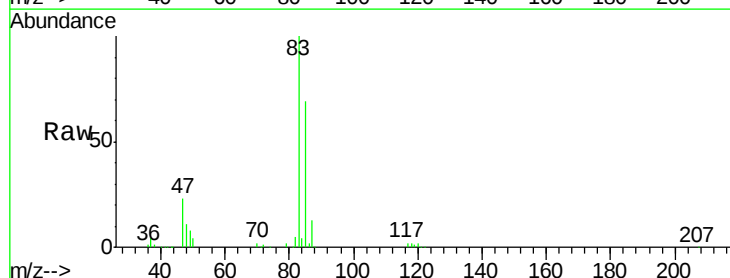
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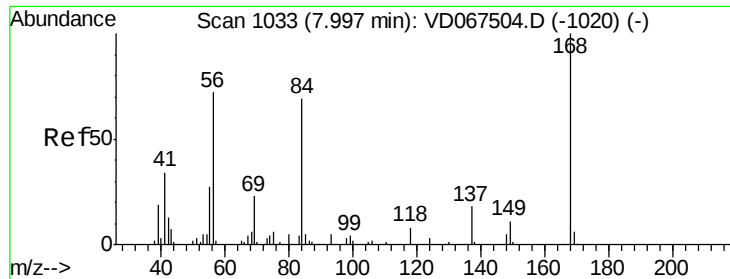
MMDadoda
11/11/2020 1:04:20 PM



#30
Chloroform
Concen: 48.762 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	51.5	77.3





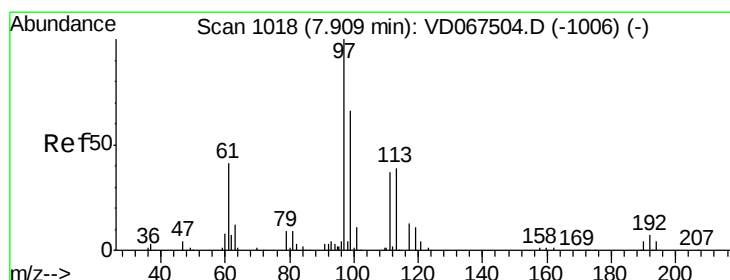
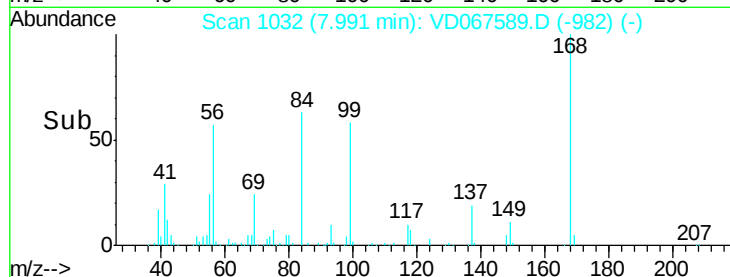
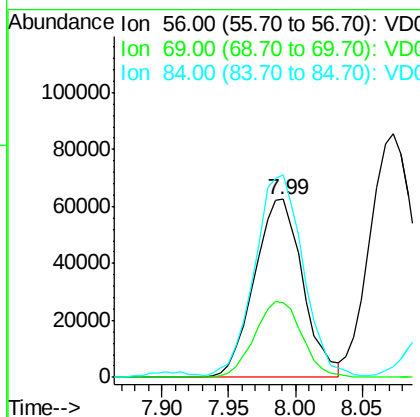
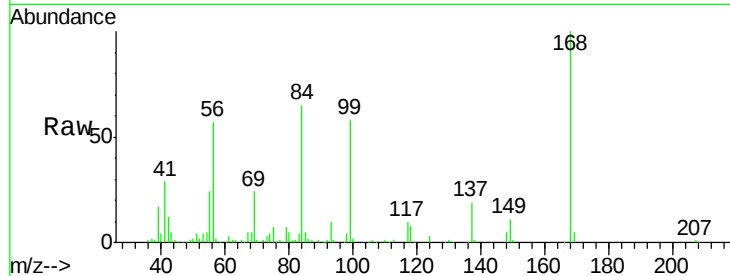
#31
Cyclohexane
Concen: 43.543 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 157824
Ion Ratio Lower Upper
56 100
69 41.6 25.9 38.9#
84 111.9 76.2 114.4

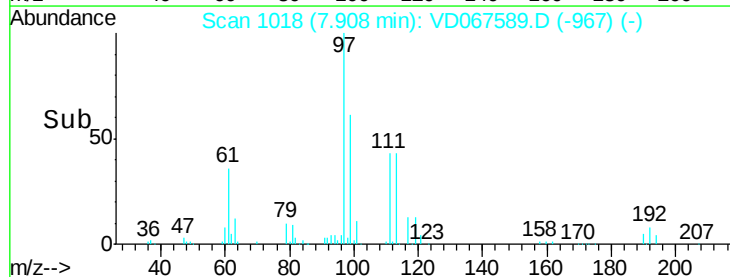
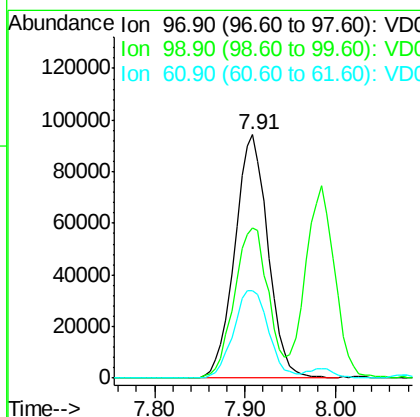
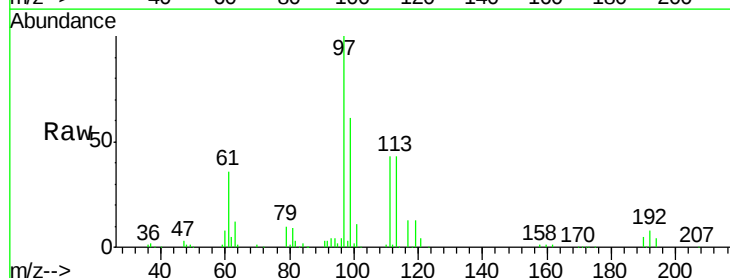
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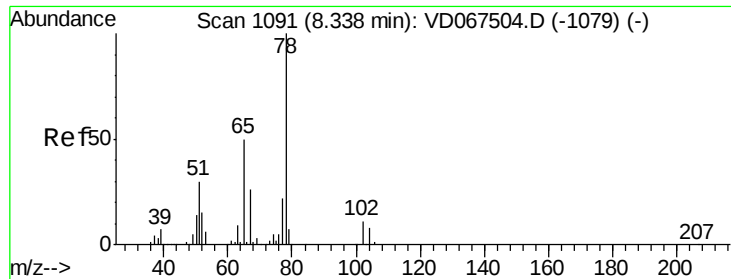
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#32
1,1,1-Trichloroethane
Concen: 47.707 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 97 Resp: 239014
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 38.2 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 46.670 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 116631

Ion Ratio Lower Upper

65 100

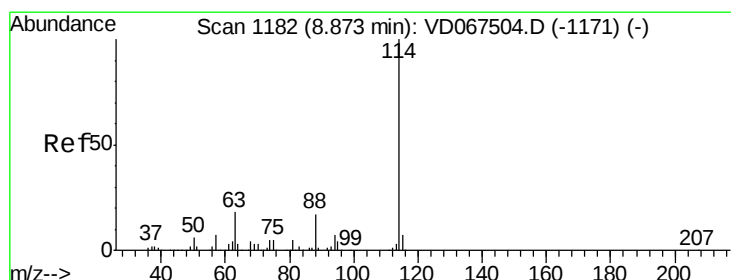
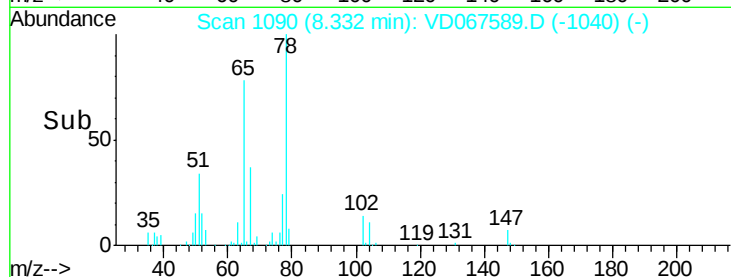
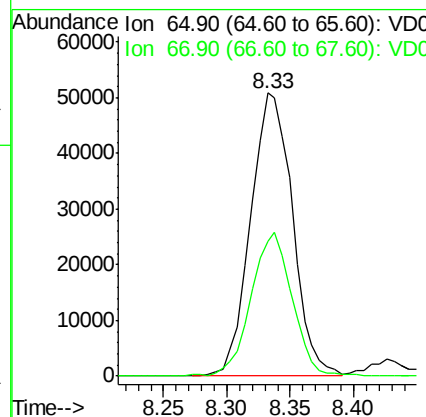
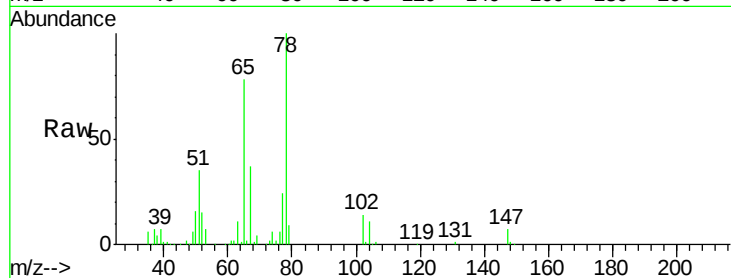
67 49.8 0.0 99.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

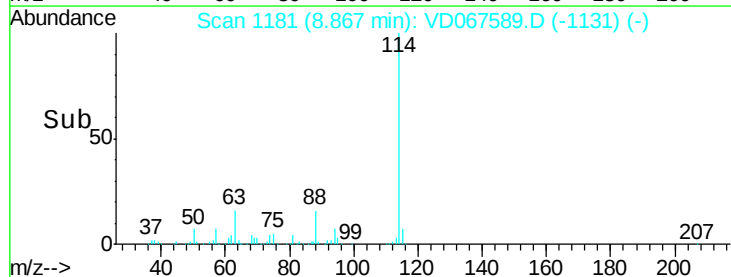
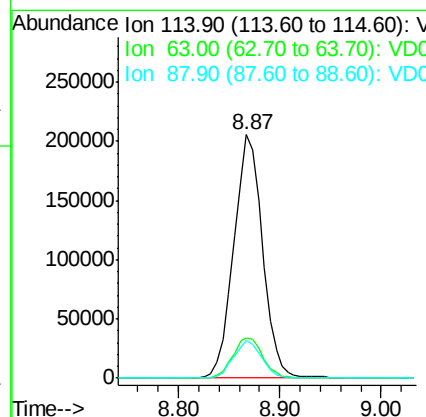
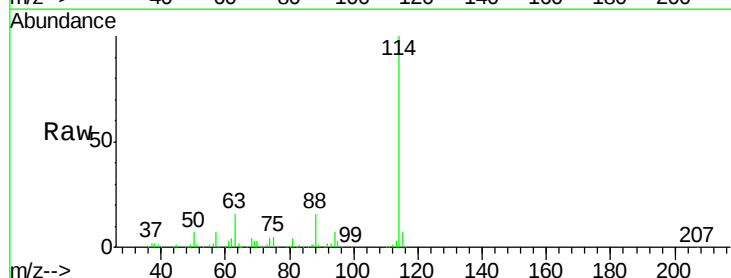
Tgt Ion: 114 Resp: 406026

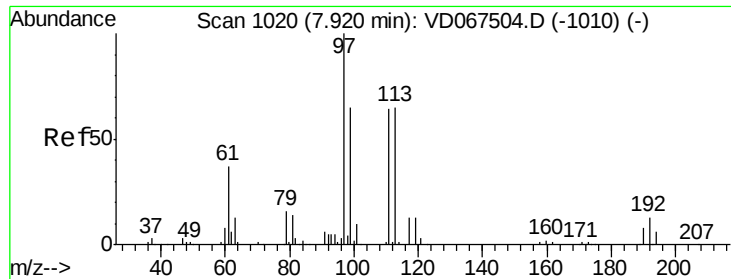
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 15.5 0.0 33.0





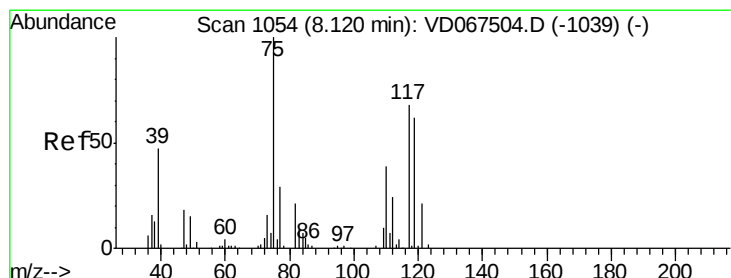
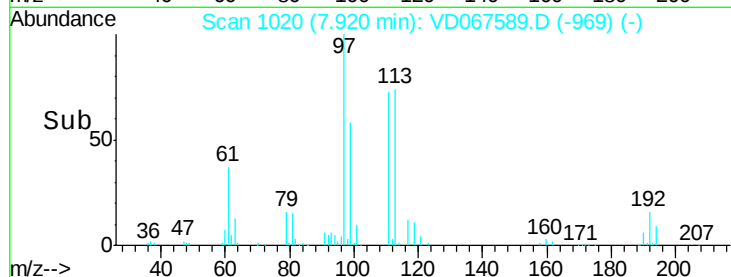
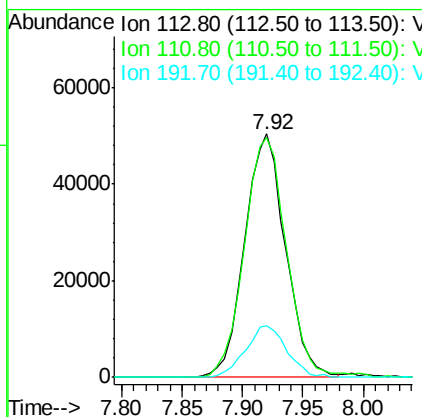
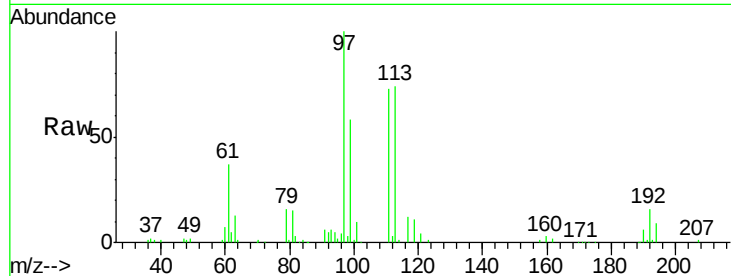
#35
Dibromofluoromethane
Concen: 48.504 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118654		
111	101.8	80.0	120.0	
192	21.4	16.3	24.5	

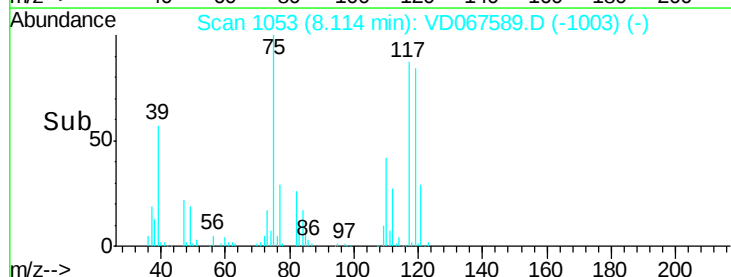
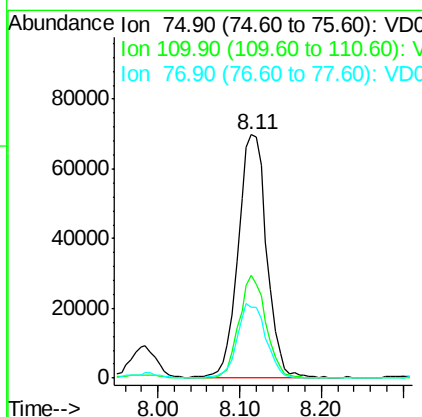
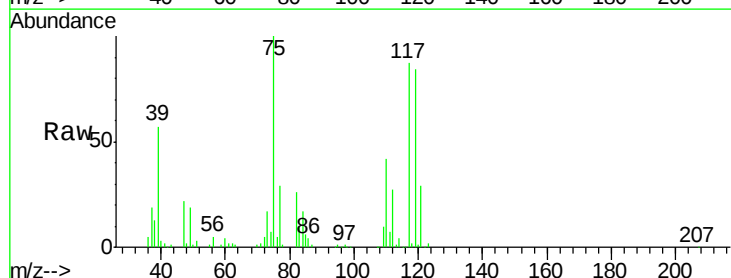
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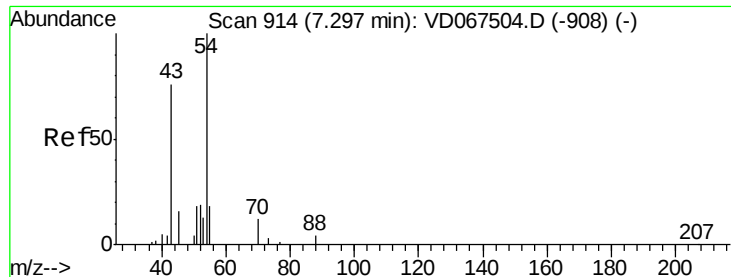
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#36
1,1-Dichloropropene
Concen: 49.072 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170549		
110	39.6	19.9	59.7	
77	30.6	24.8	37.2	





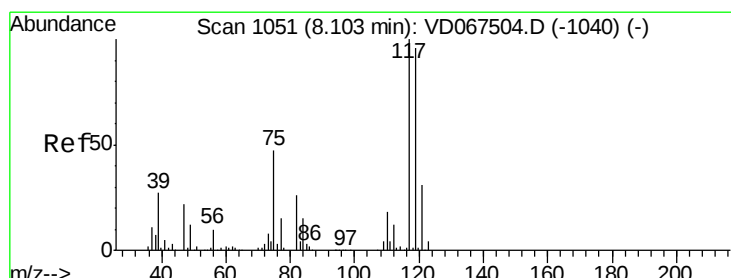
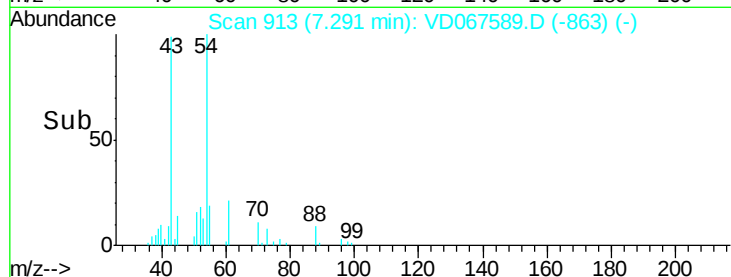
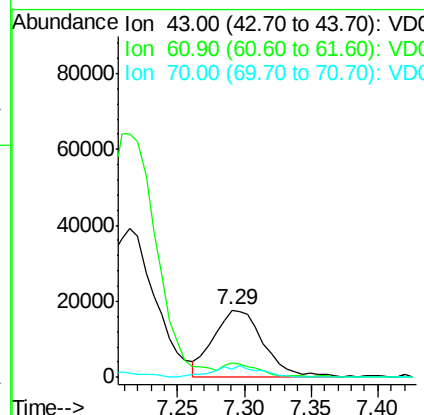
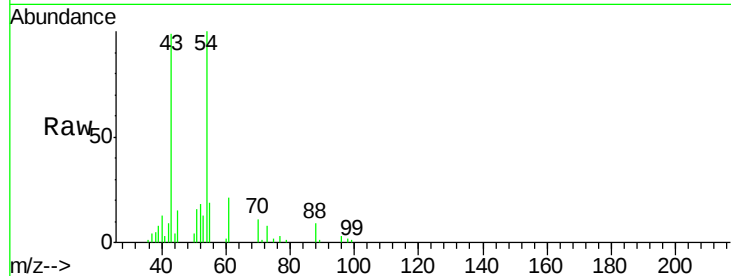
#37
Ethyl Acetate
Concen: 50.213 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.8	19.2
70	15.7	11.7	17.5

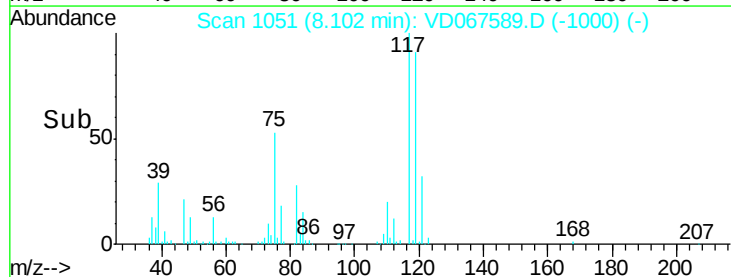
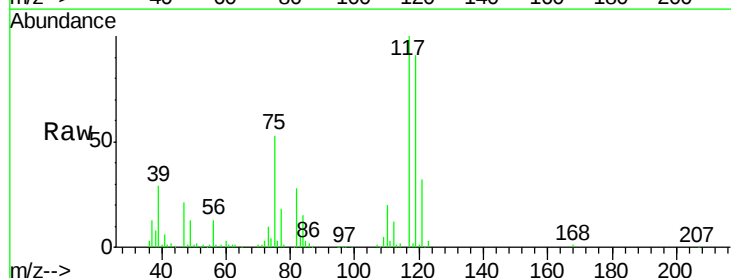
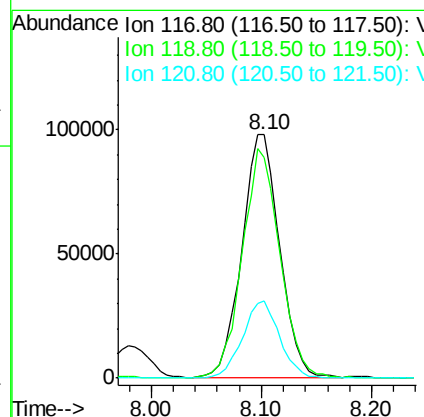
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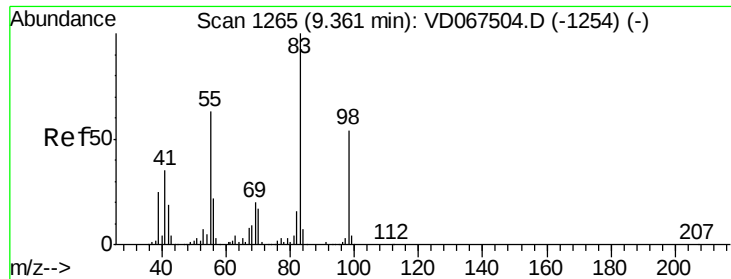
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#38
Carbon Tetrachloride
Concen: 52.483 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.9	115.3
121	31.9	24.5	36.7





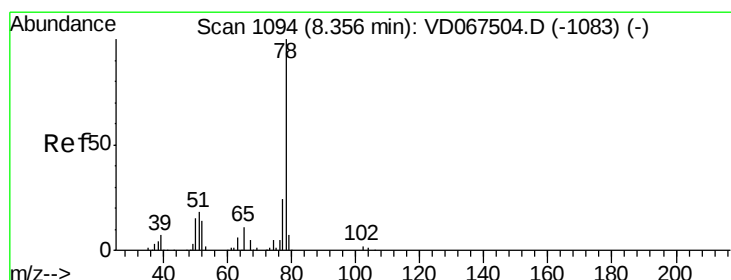
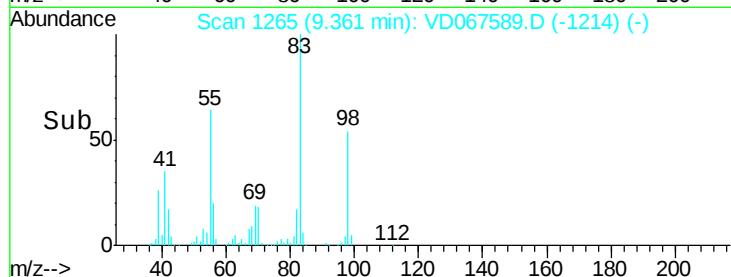
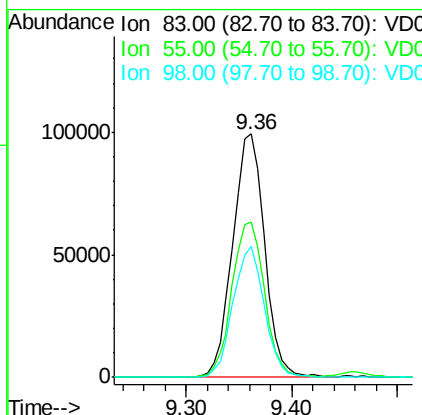
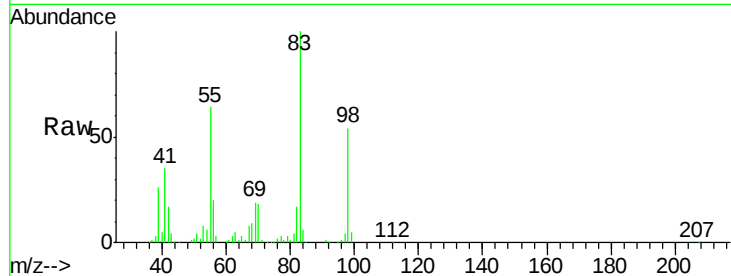
#39
Methvlcvclohexane
Concen: 50.868 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	208081		
55	63.8		50.5	75.7
98	53.9		43.4	65.0

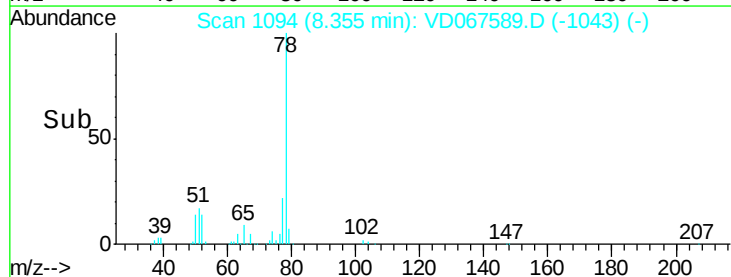
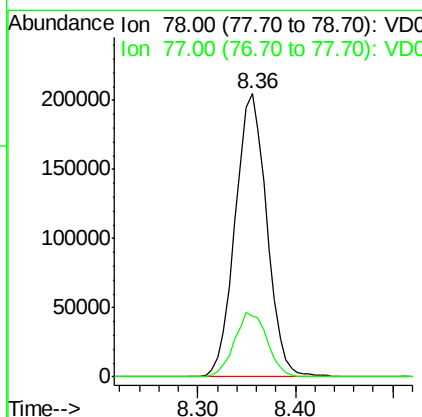
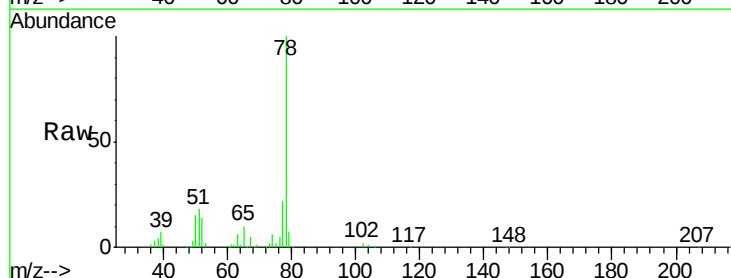
Manual Integrations
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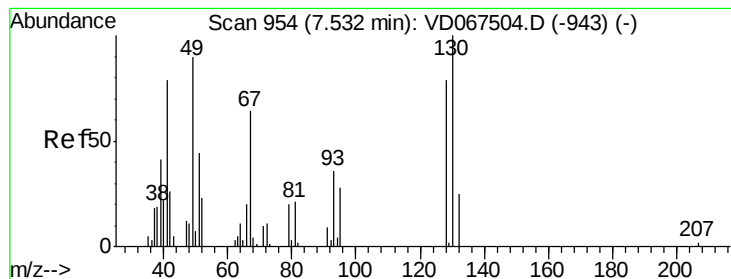
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#40
Benzene
Concen: 49.281 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	463945		
77	21.6		19.1	28.7





#41

Methacrylonitrile

Concen: 50.171 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 27060

Ion Ratio Lower Upper

41 100

39 67.4 51.3 76.9

67 0.0 78.9 118.3#

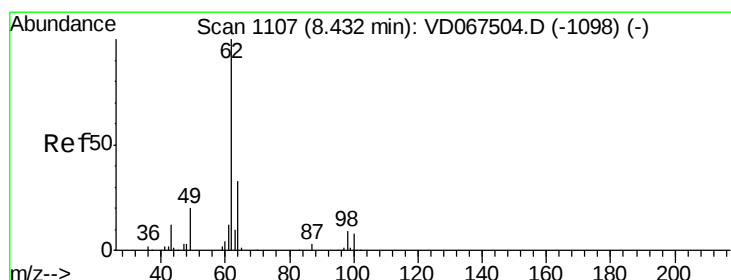
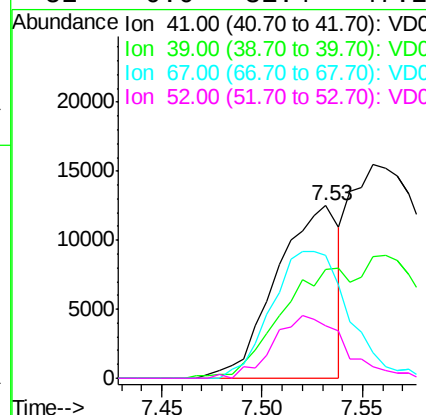
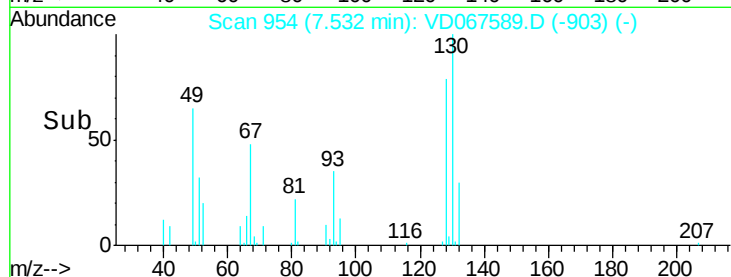
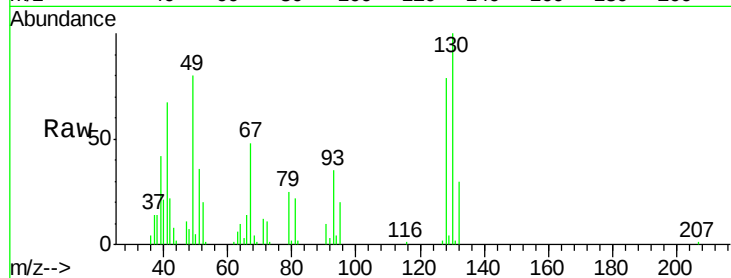
52 0.0 31.4 47.2#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 53.128 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD067589.D

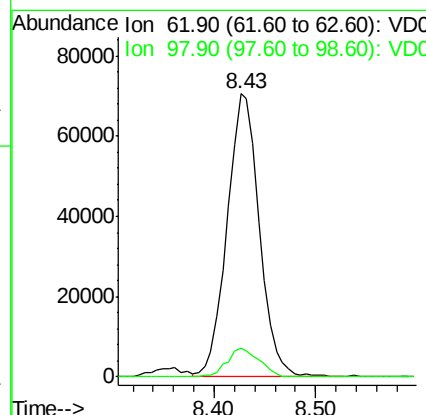
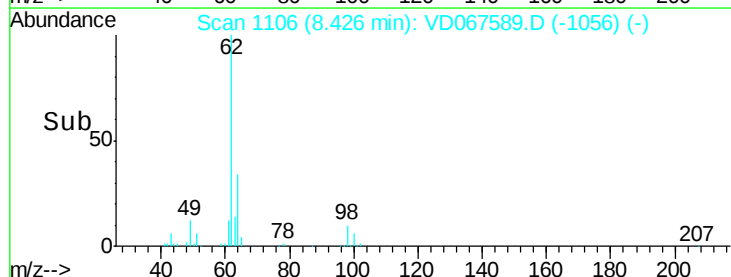
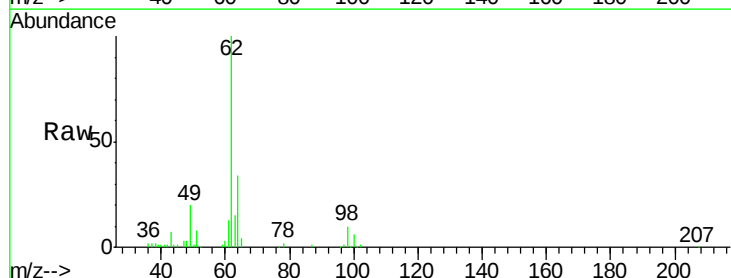
Acq: 10 Nov 2020 18:17

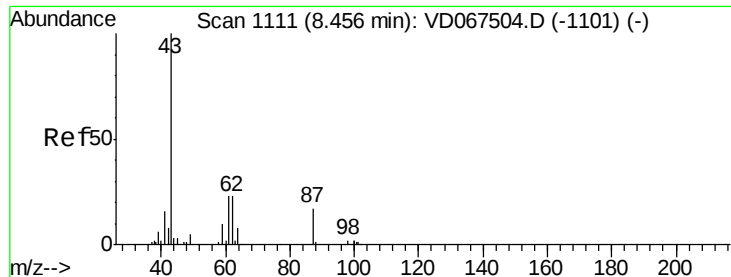
Tgt Ion: 62 Resp: 154534

Ion Ratio Lower Upper

62 100

98 10.2 0.0 19.8





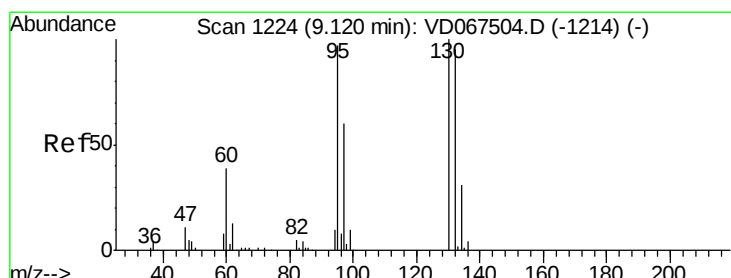
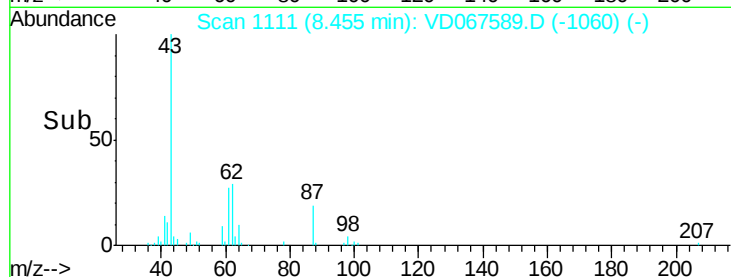
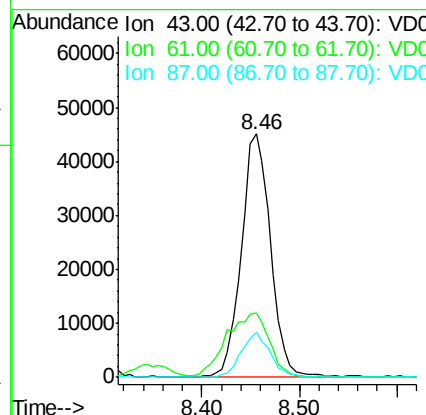
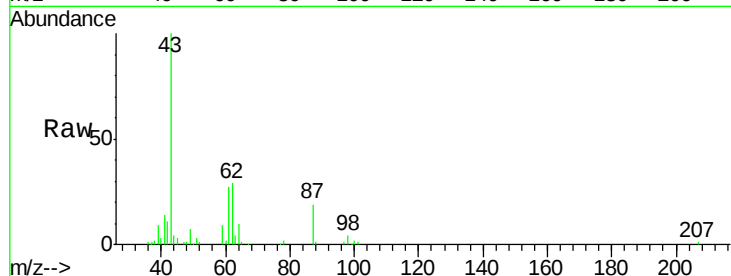
#43
Isopropyl Acetate
Concen: 53.057 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.5	45.7
87	18.2	14.7	22.1

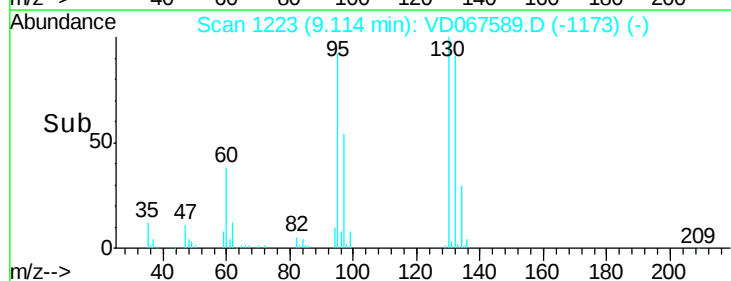
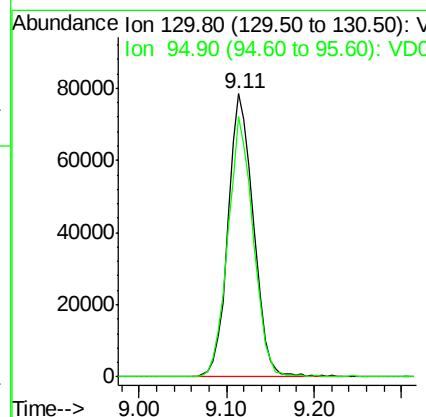
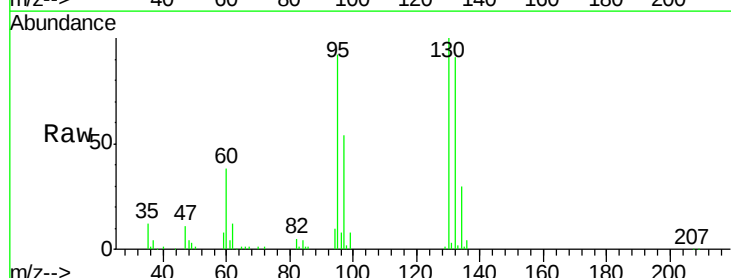
Manual Integrations
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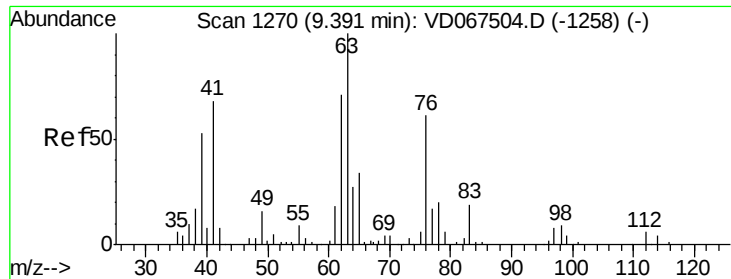
MMDadoda
11/11/2020 1:04:20 PM



#44
Trichloroethene
Concen: 50.589 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	194.4





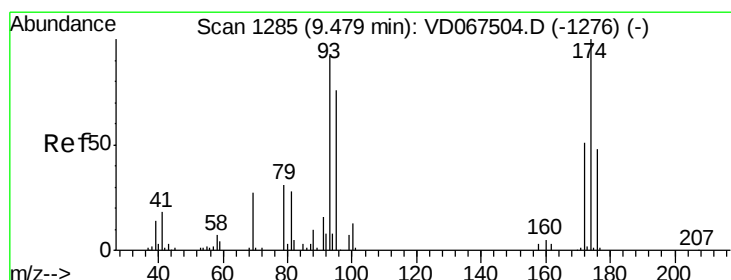
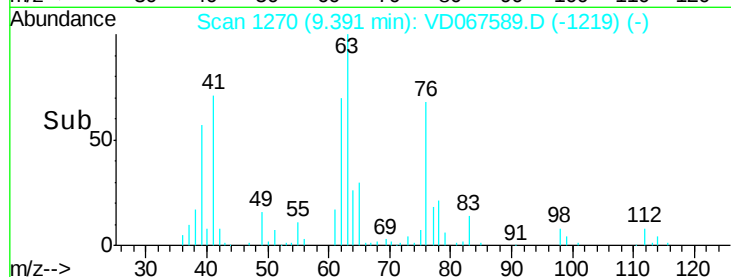
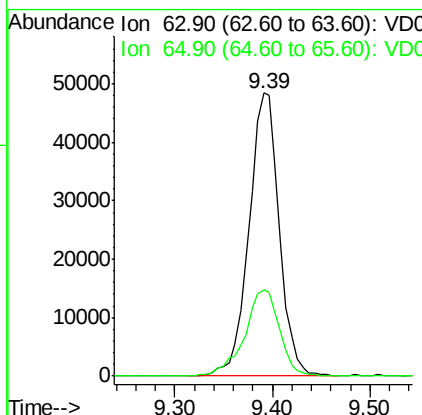
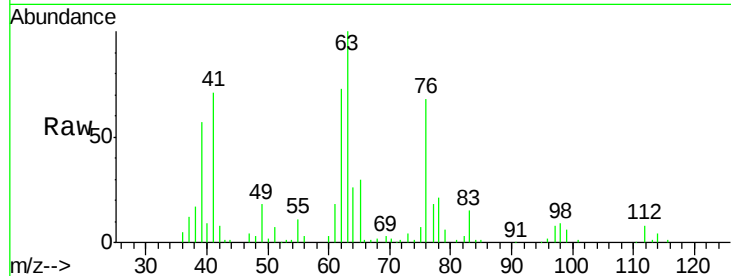
#45
 1,2-Dichloropropane
 Concen: 51.772 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 105379
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.9 40.3

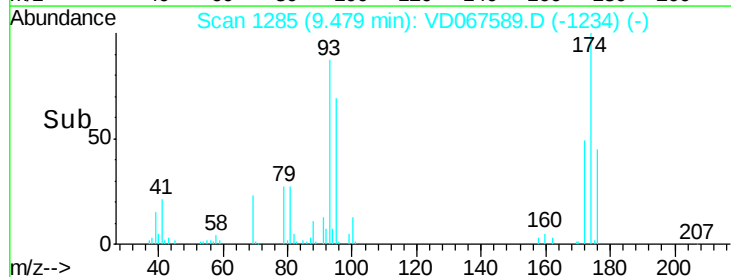
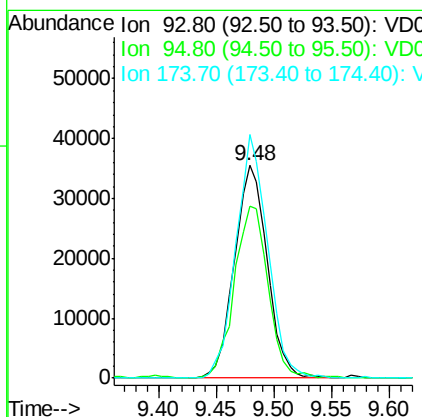
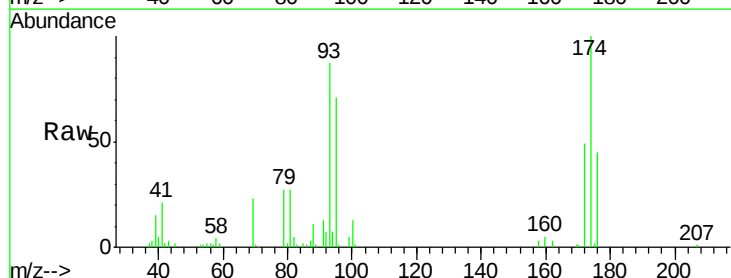
Manual Integrations
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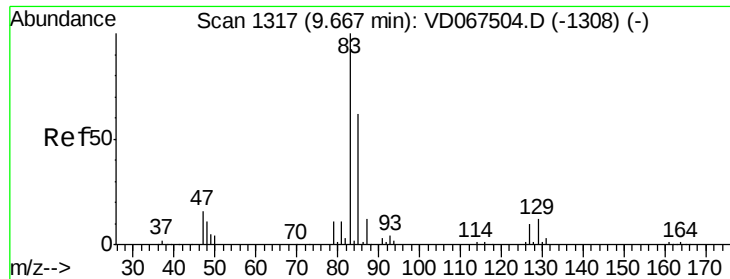
MMDadoda
 11/11/2020 1:04:20 PM



#46
 Dibromomethane
 Concen: 54.075 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 93 Resp: 69983
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 110.9 88.2 132.4





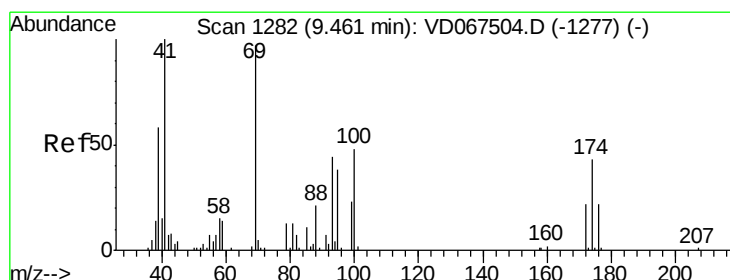
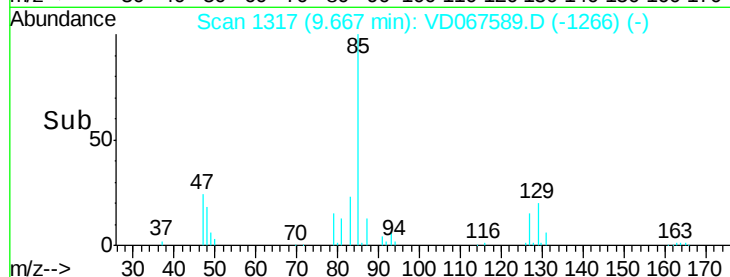
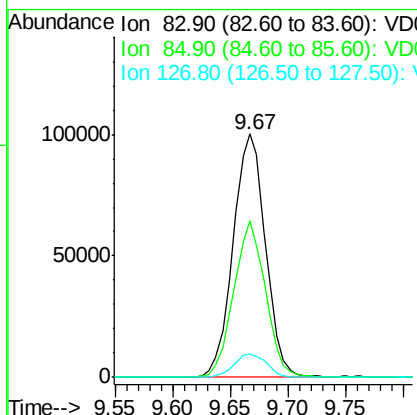
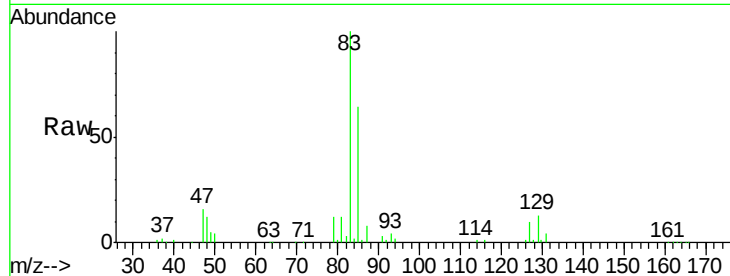
#47
Bromodichloromethane
Concen: 55.233 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	194290		
85	64.5	49.4	74.2	
127	9.6	7.7	11.5	

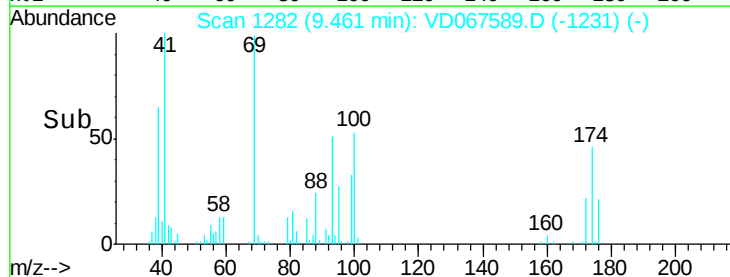
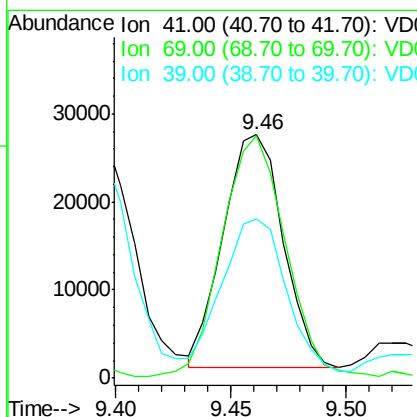
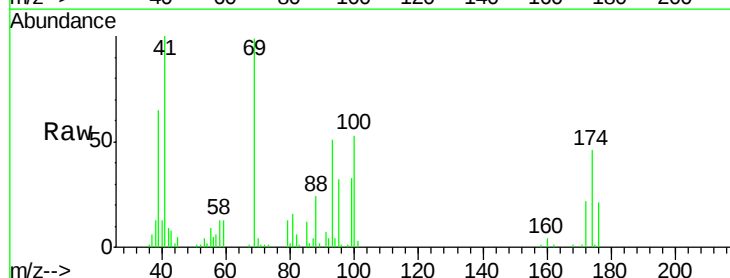
Manual Integrations
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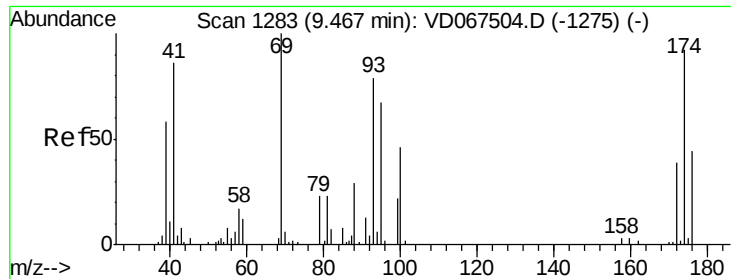
MMDadoda
11/11/2020 1:04:20 PM



#48
Methyl methacrylate
Concen: 51.898 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	47817		
69	109.6	80.6	121.0	
39	69.4	50.2	75.4	





#49

1,4-Dioxane

Concen: 1094.512 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 14380

Ion Ratio Lower Upper

88 100

43 36.2 23.6 35.4#

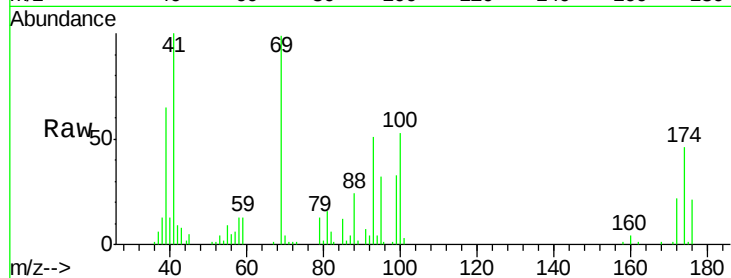
58 62.6 44.7 67.1

Manual Integrations

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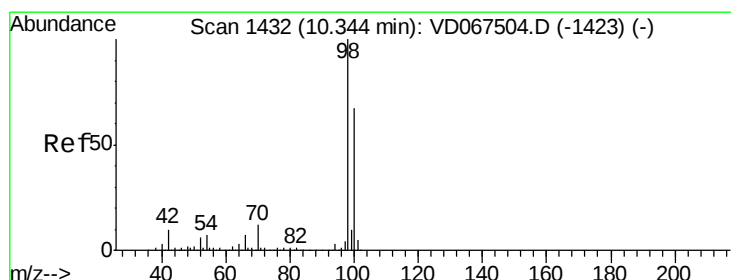
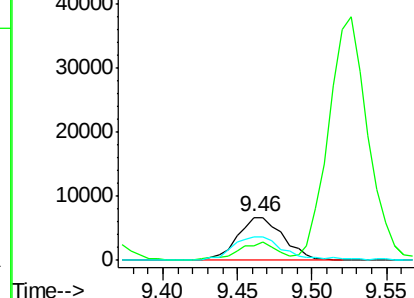
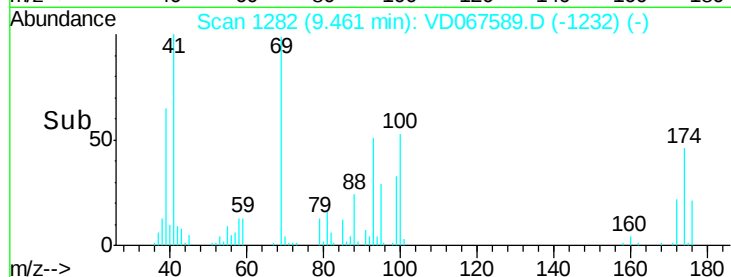
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Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 46.990 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067589.D

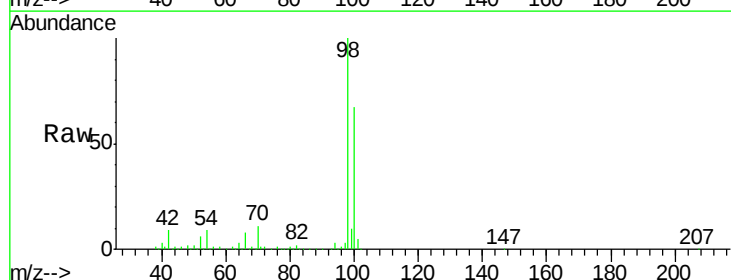
Acq: 10 Nov 2020 18:17

Tgt Ion: 98 Resp: 403963

Ion Ratio Lower Upper

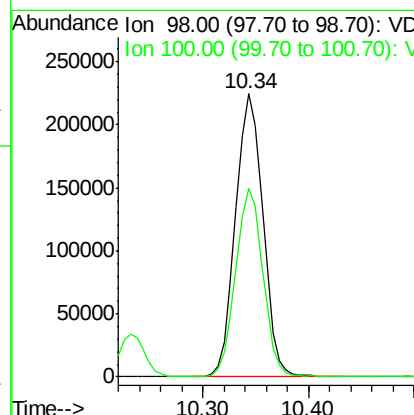
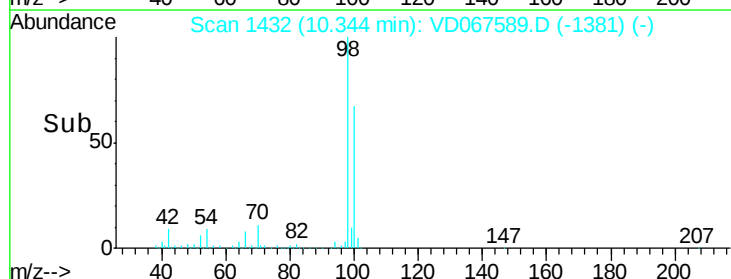
98 100

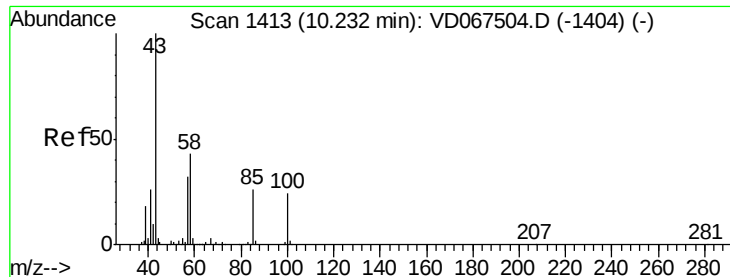
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





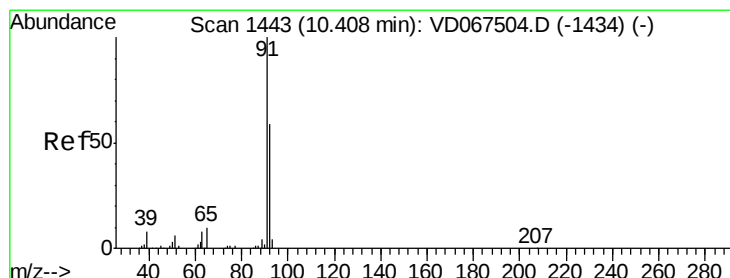
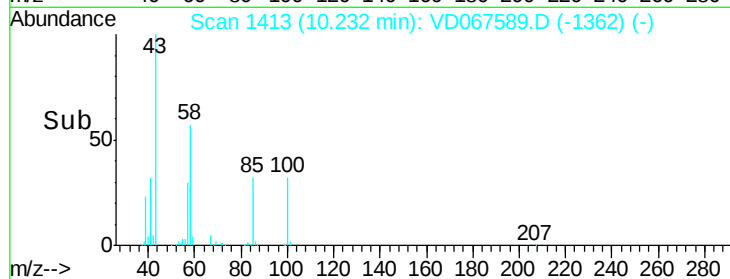
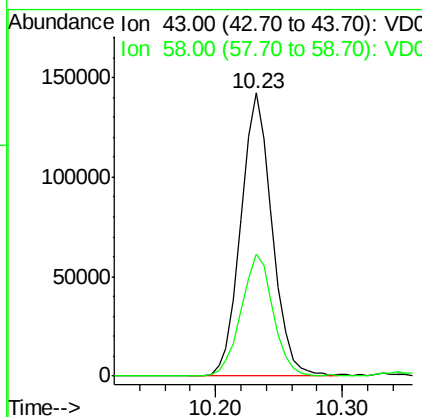
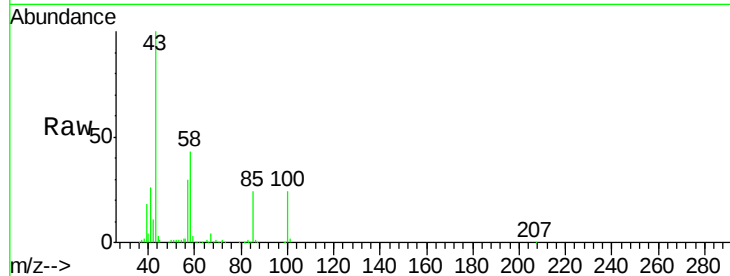
#51
4-Methyl-2-Pentanone
Concen: 284.956 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	44.2	35.6	53.4

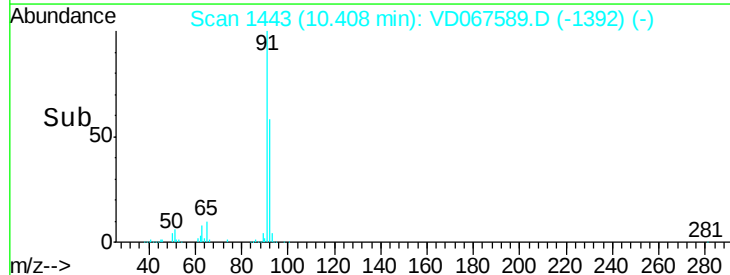
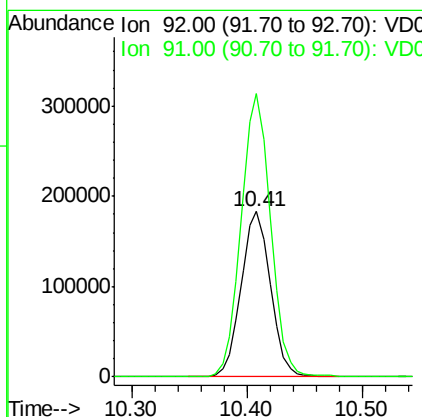
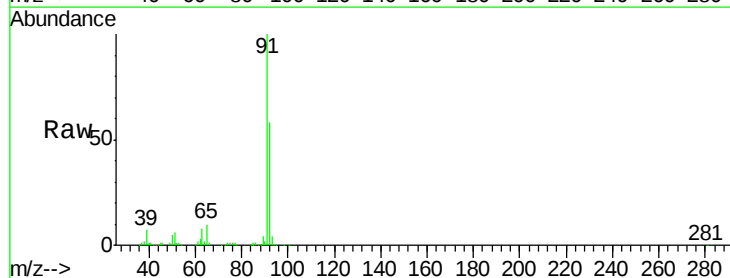
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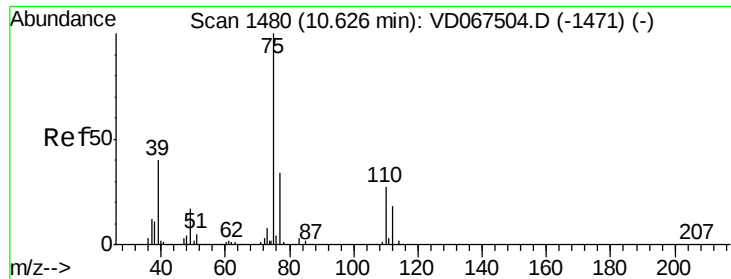
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#52
Toluene
Concen: 51.518 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	137.0	205.6





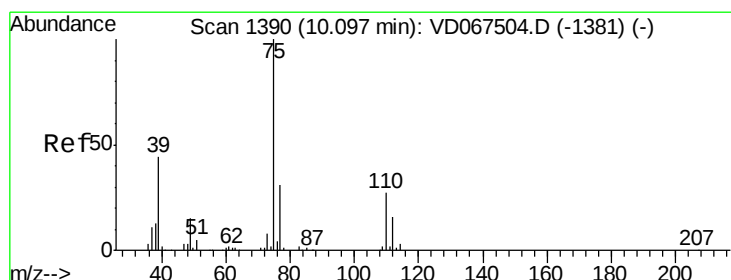
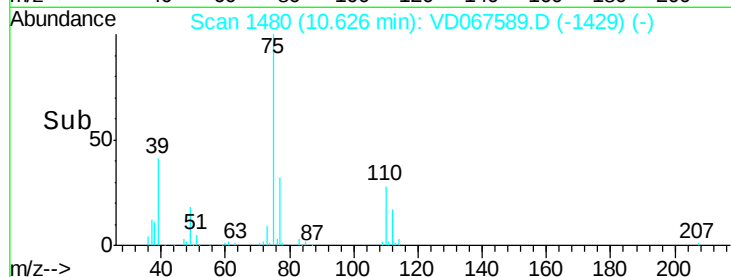
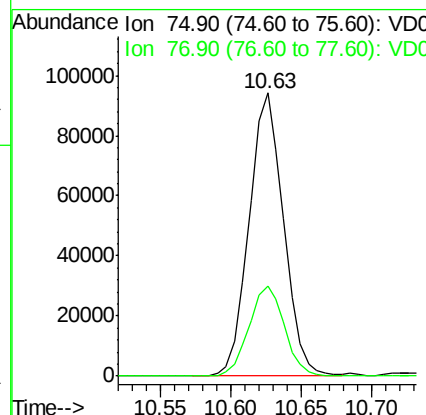
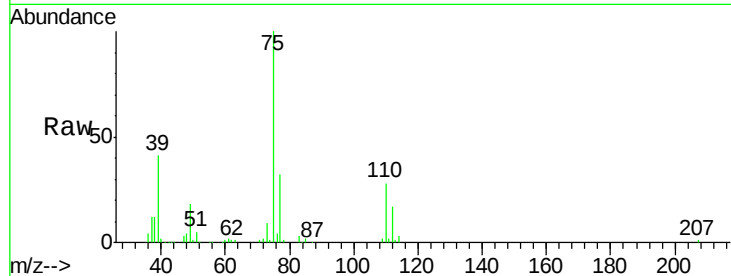
#53
t-1,3-Dichloropropene
Concen: 53.736 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 161891
Ion Ratio Lower Upper
75 100
77 31.8 27.0 40.6

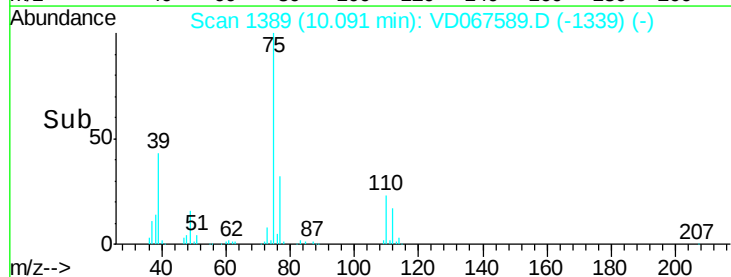
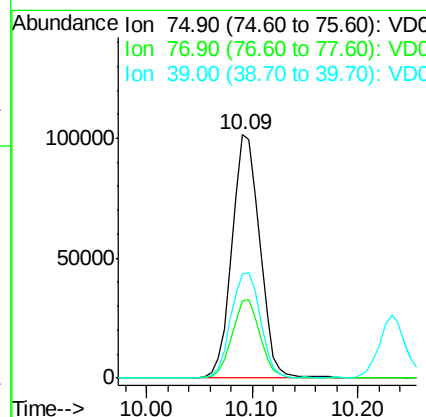
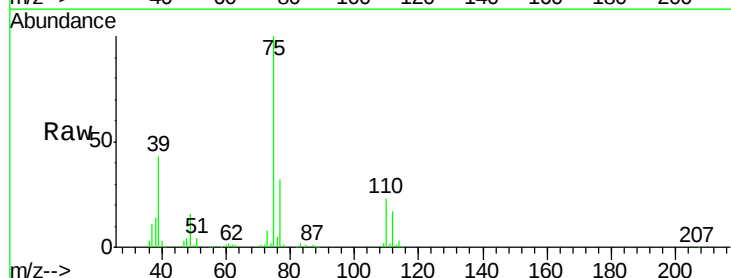
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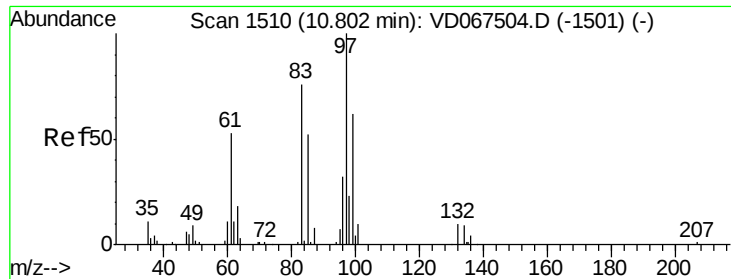
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#54
cis-1,3-Dichloropropene
Concen: 51.599 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 75 Resp: 184694
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6
39 42.8 35.6 53.4





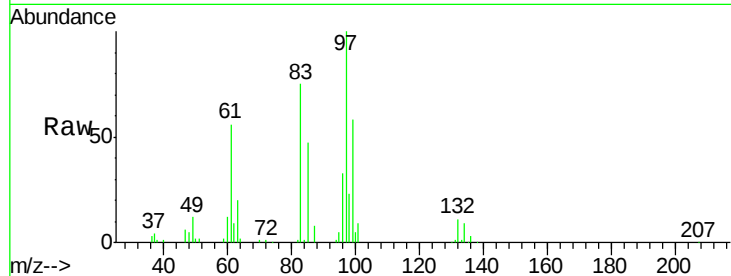
#55
 1,1,2-Trichloroethane
 Concen: 54.014 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

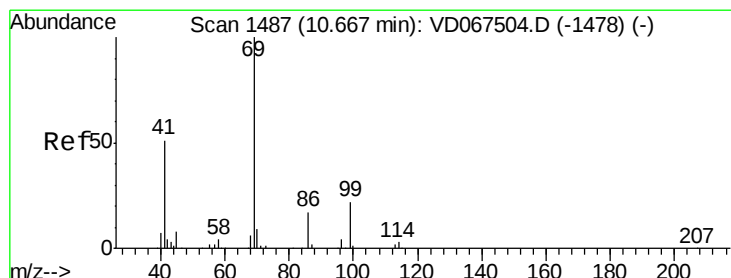
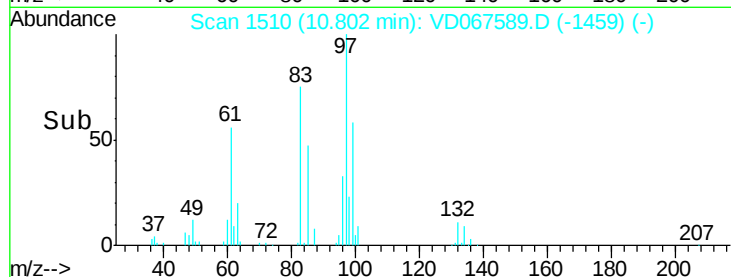
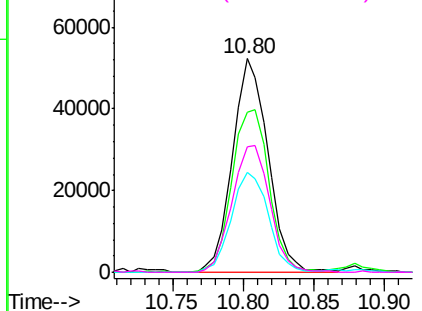
Tot Ion	97	Resp:	92492
Ion	Ratio	Lower	Upper
97	100		
83	74.8	61.0	91.6
85	46.7	41.5	62.3
99	58.5	49.4	74.2

Manual Integrations
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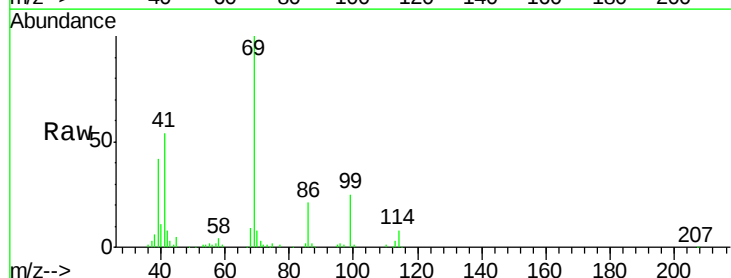


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

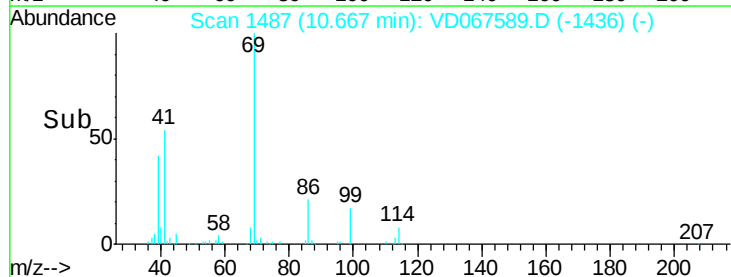
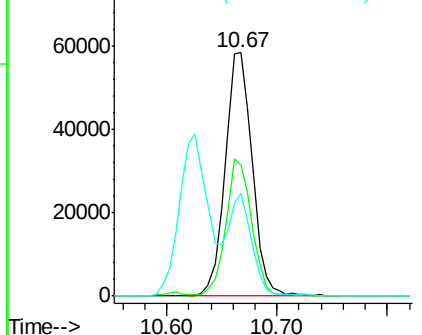


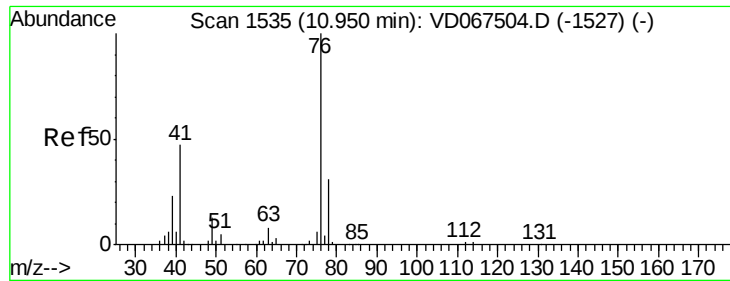
#56
 Ethyl methacrylate
 Concen: 56.830 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion	69	Resp:	100493
Ion	Ratio	Lower	Upper
69	100		
41	53.9	45.4	68.0
39	35.7	27.4	41.0



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





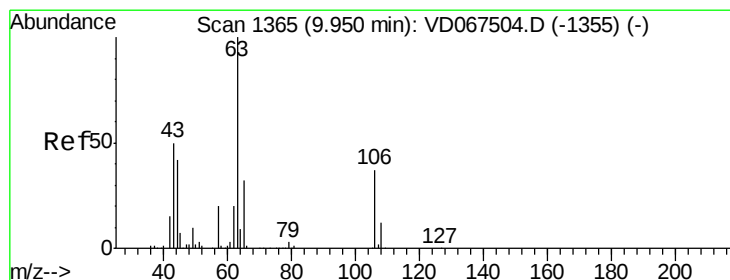
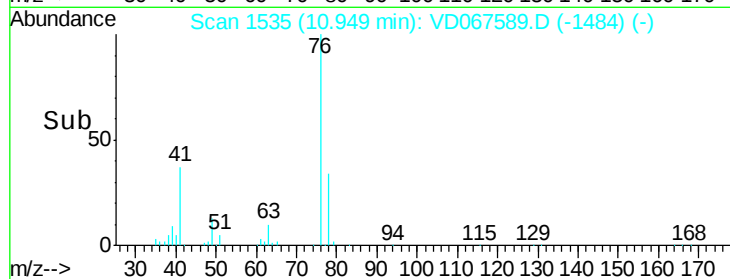
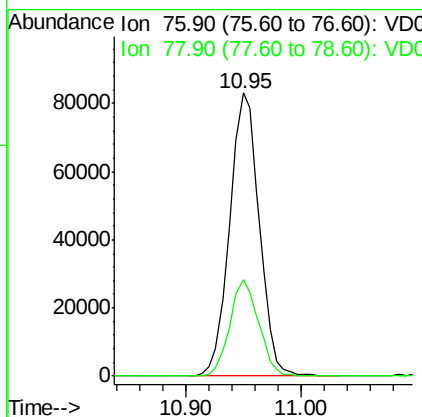
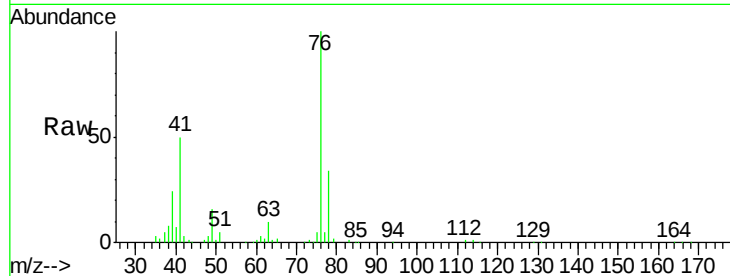
#57
 1,3-Dichloropropane
 Concen: 53.457 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 147302
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.1 39.1

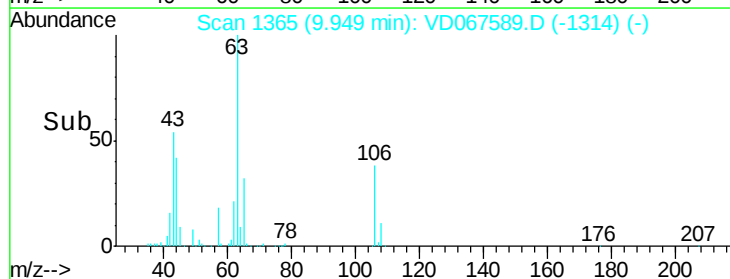
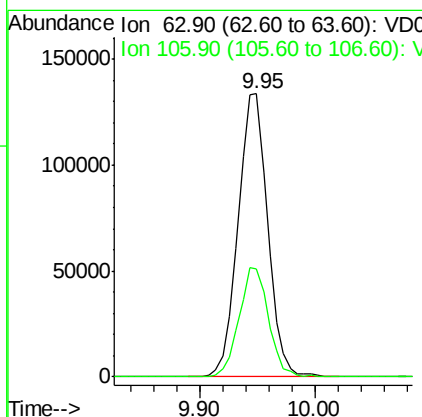
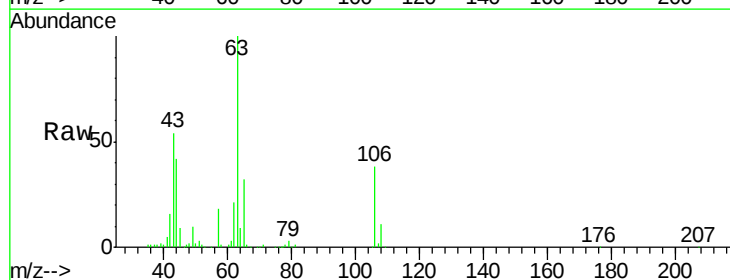
Manual Integrations
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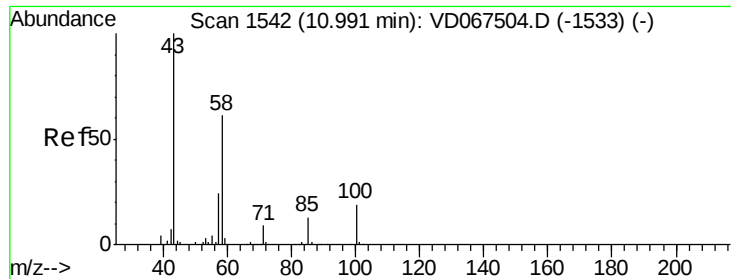
MMDadoda
 11/11/2020 1:04:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.287 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 63 Resp: 237727
 Ion Ratio Lower Upper
 63 100
 106 38.3 29.2 43.8





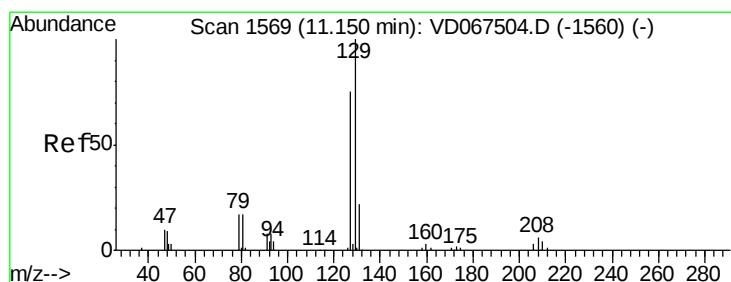
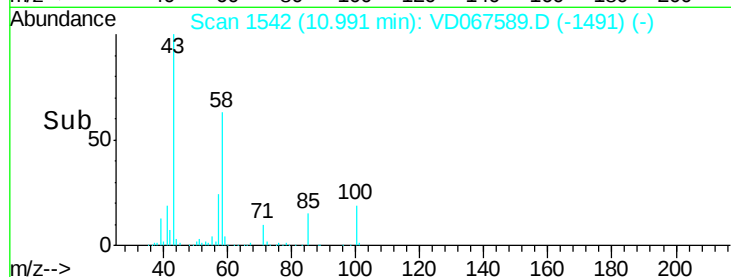
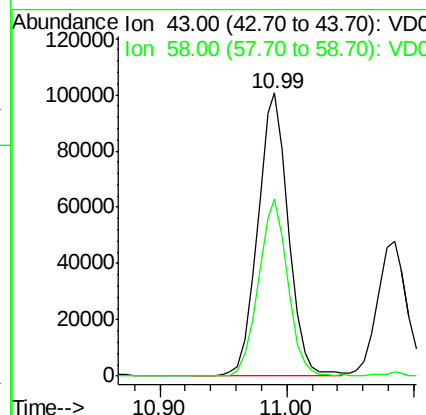
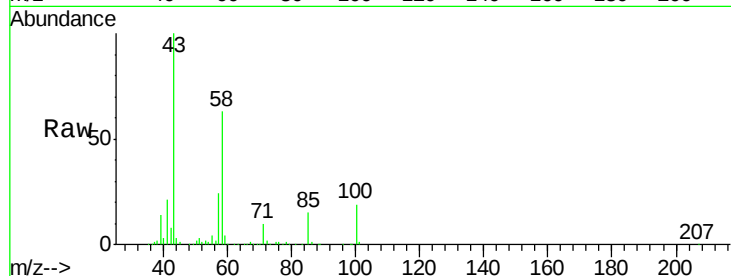
#59
2-Hexanone
Concen: 283.072 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 168916
Ion Ratio Lower Upper
43 100
58 60.0 30.3 90.9

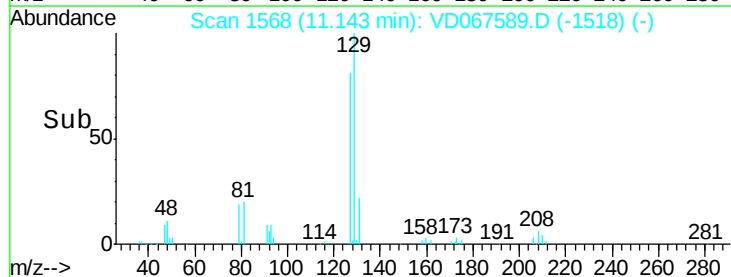
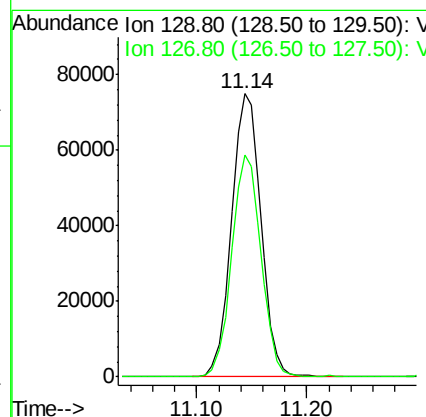
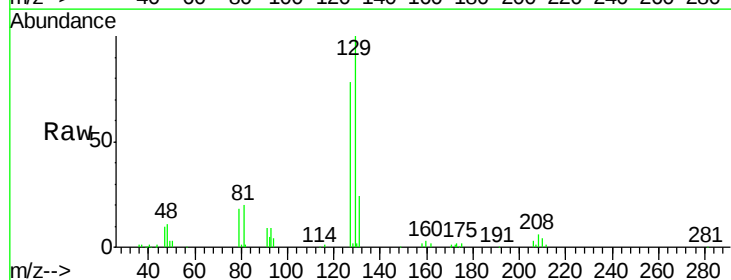
Manual Integrations
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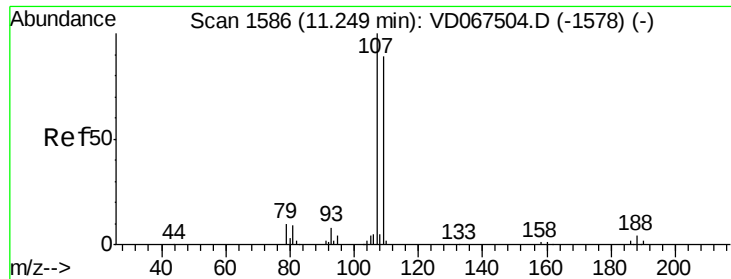
MMDadoda
11/11/2020 1:04:20 PM



#60
Dibromochloromethane
Concen: 55.330 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion: 129 Resp: 140155
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1





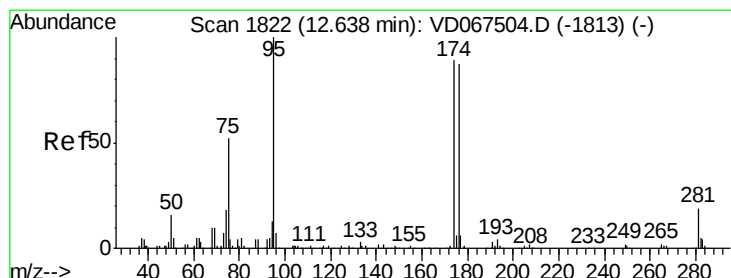
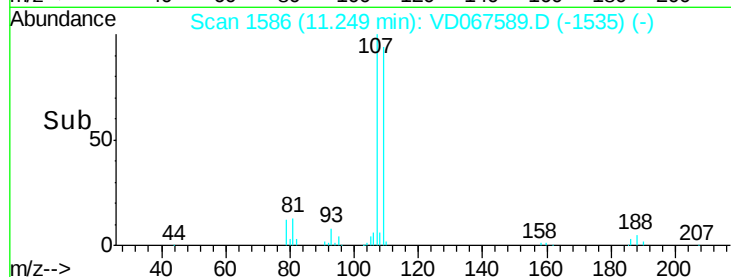
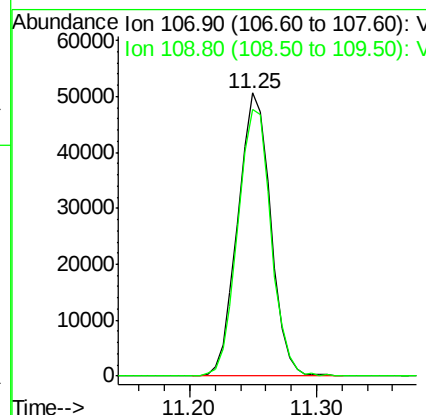
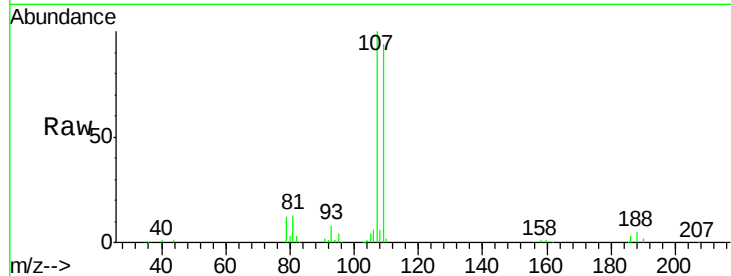
#61
 1,2-Dibromoethane
 Concen: 52.862 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 90849
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.6 111.8

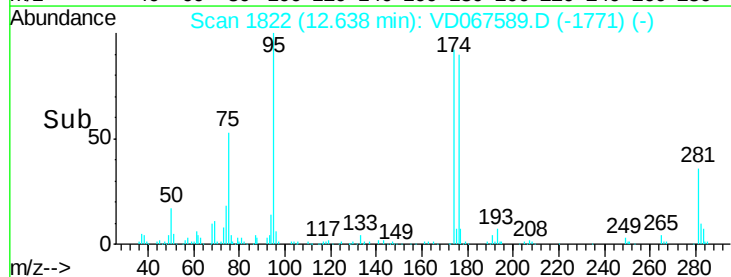
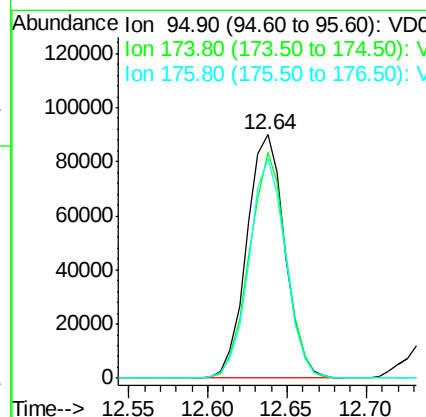
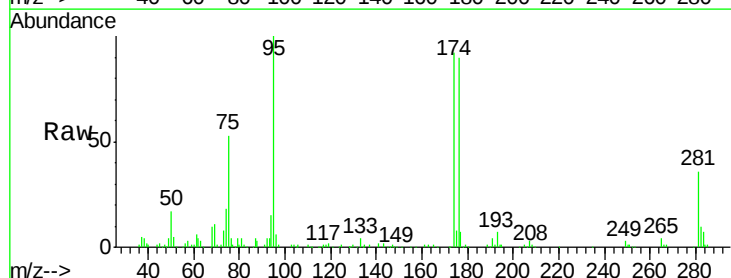
Manual Integrations
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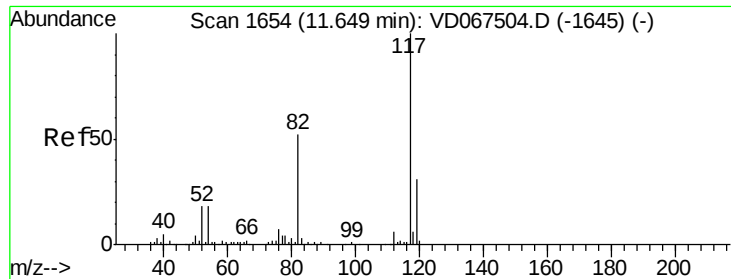
MMDadoda
 11/11/2020 1:04:20 PM



#62
 4-Bromofluorobenzene
 Concen: 50.524 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion: 95 Resp: 149956
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 177.8
 176 86.5 0.0 172.0





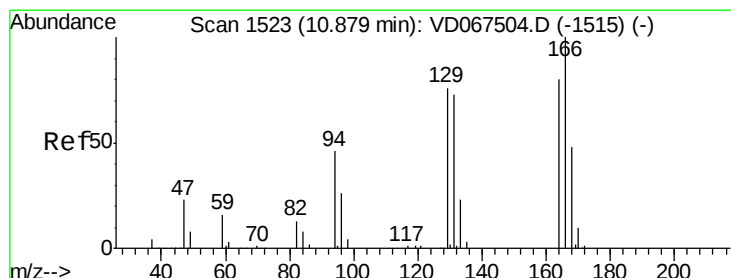
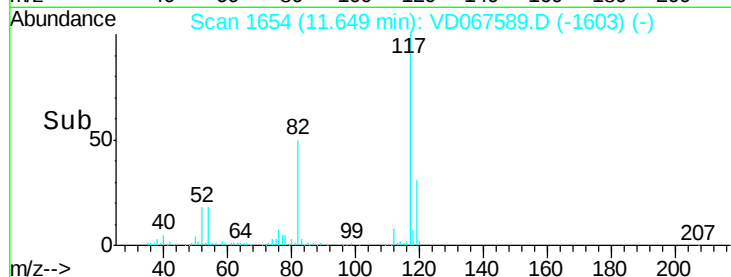
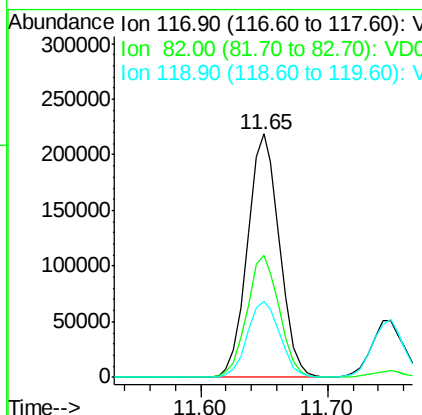
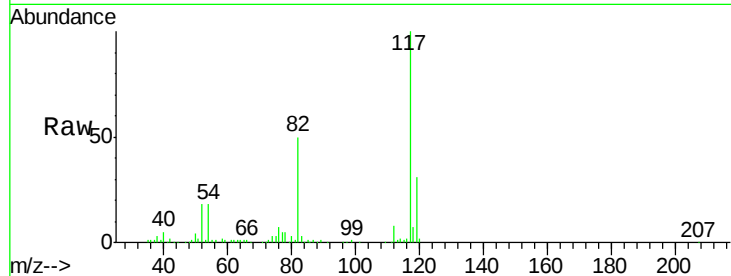
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	382976		
82	50.1		41.6	62.4
119	31.2		25.1	37.7

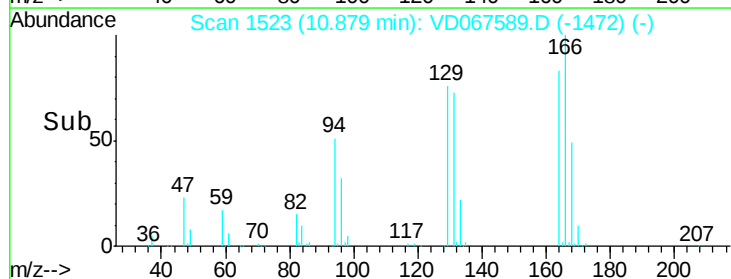
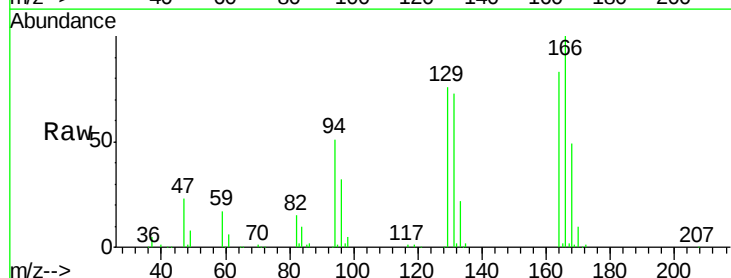
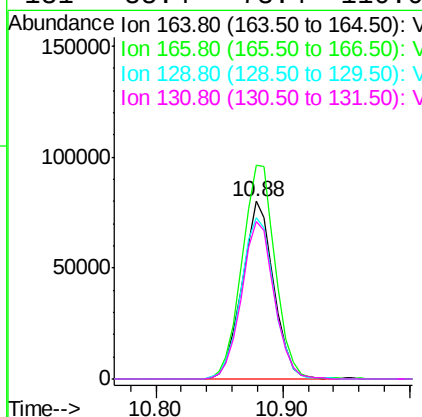
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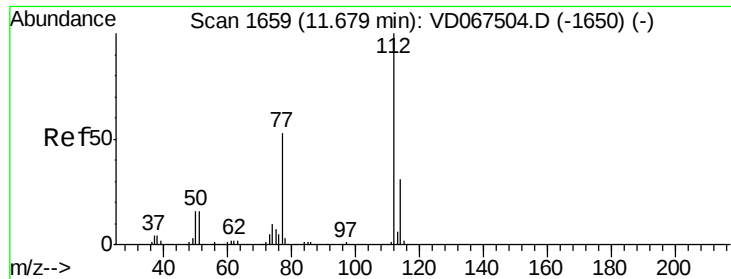
MMDadoda
11/11/2020 1:04:20 PM



#64
Tetrachloroethene
Concen: 48.643 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	137967		
166	120.4		99.9	149.9
129	91.1		75.5	113.3
131	88.4		73.4	110.0





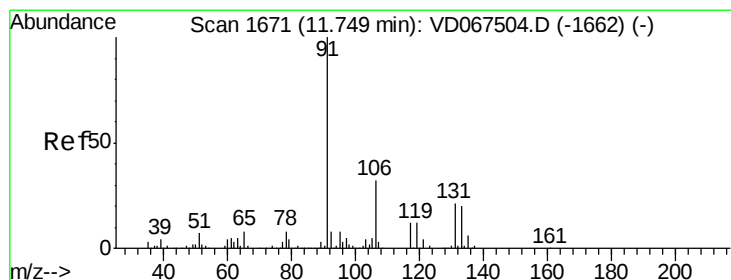
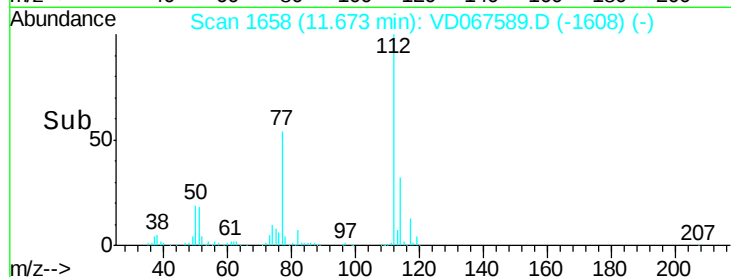
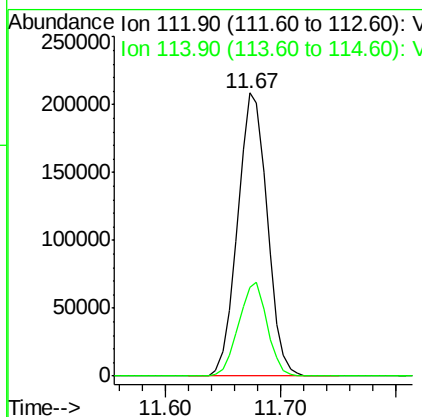
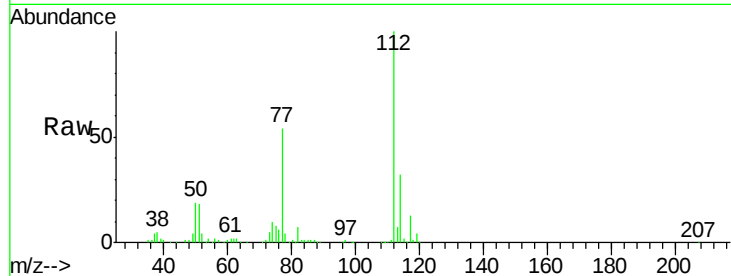
#65
Chlorobenzene
Concen: 50.327 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.9	37.3

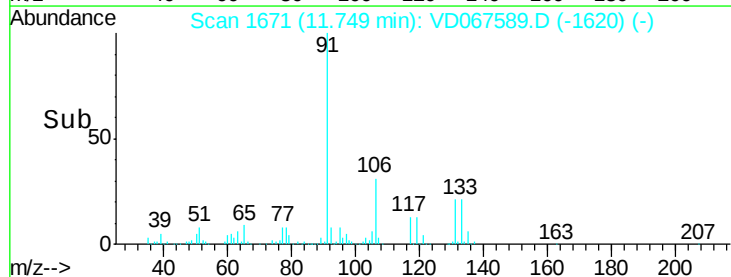
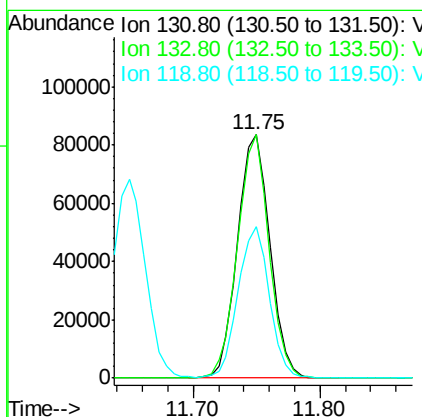
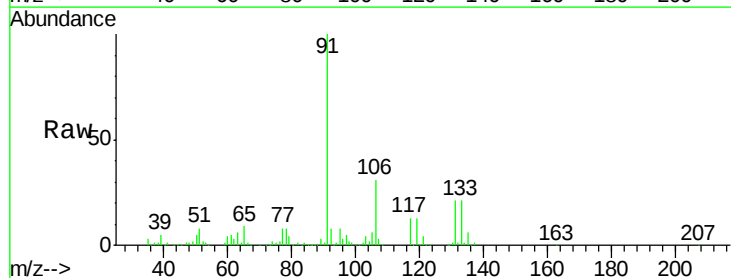
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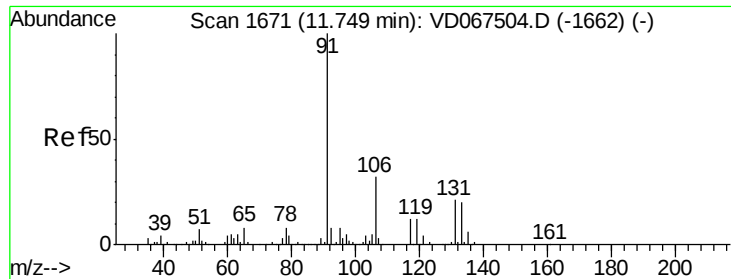
MMDadoda
11/11/2020 1:04:20 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.975 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	48.0	144.0
119	60.1	30.1	90.5





#67

Ethyl Benzene

Concen: 51.223 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 646628

Ion Ratio Lower Upper

91 100

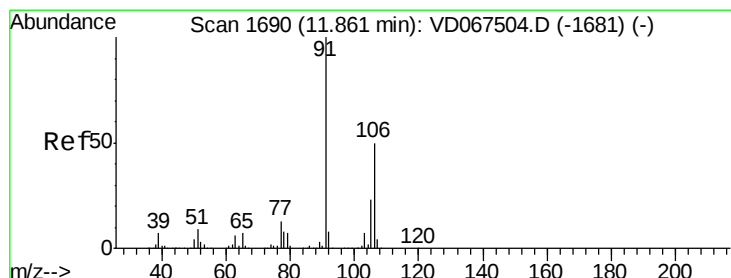
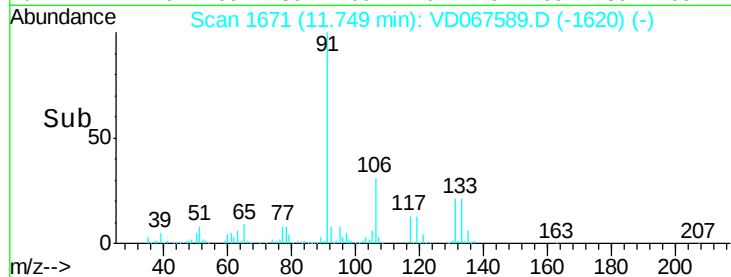
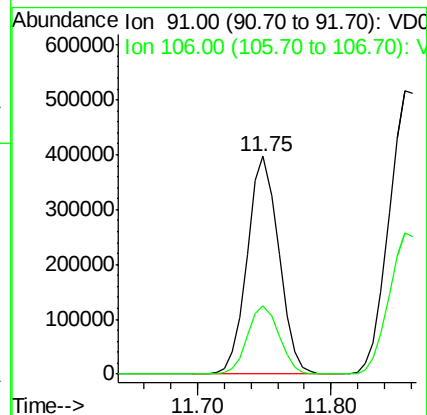
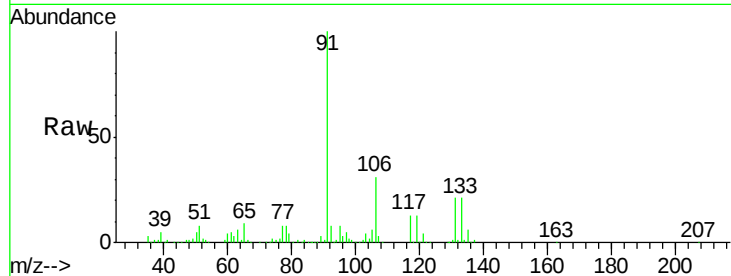
106 31.3 25.7 38.5

Manual Integrations

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MMDadoda

11/11/2020 1:04:20 PM



#68

m/p-Xylenes

Concen: 102.851 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067589.D

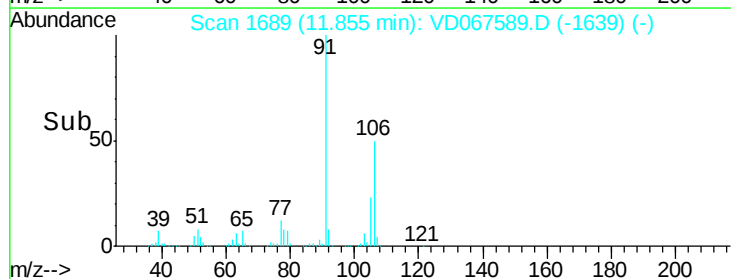
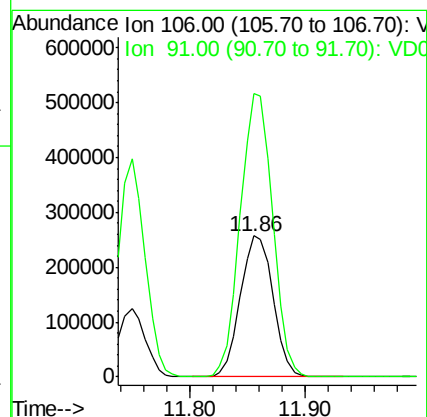
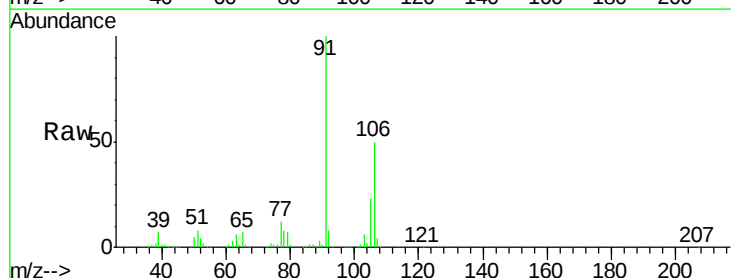
Acq: 10 Nov 2020 18:17

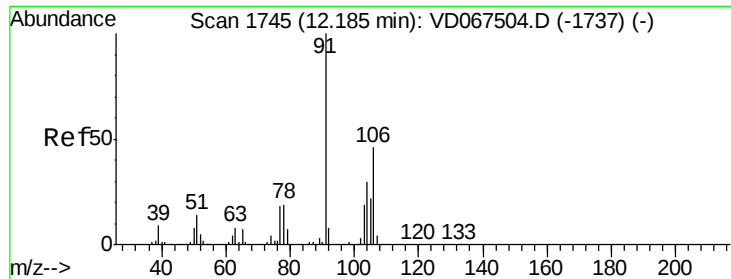
Tgt Ion: 106 Resp: 505125

Ion Ratio Lower Upper

106 100

91 199.1 162.6 244.0





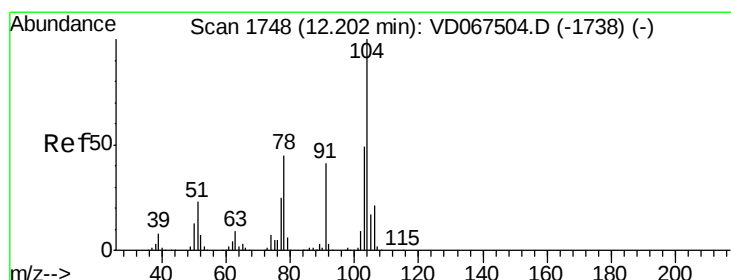
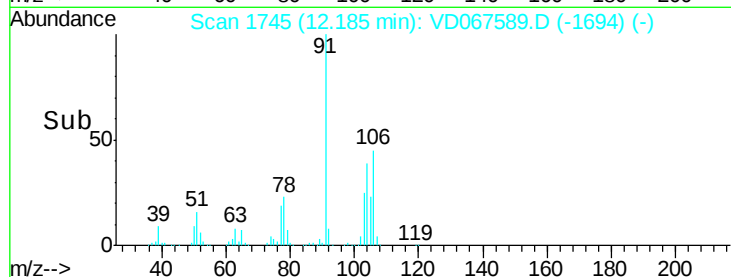
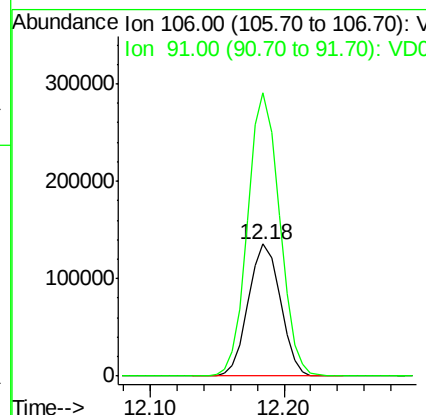
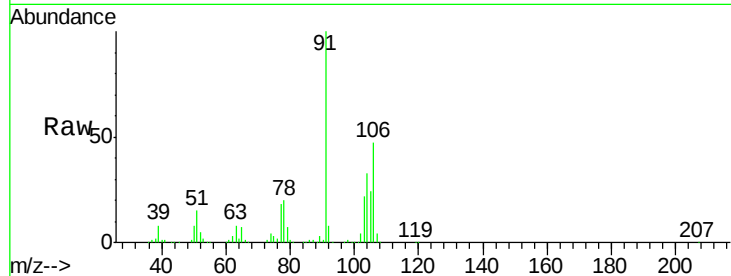
#69
o-Xylene
Concen: 51.409 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 225419
Ion Ratio Lower Upper
106 100
91 213.1 107.1 321.1

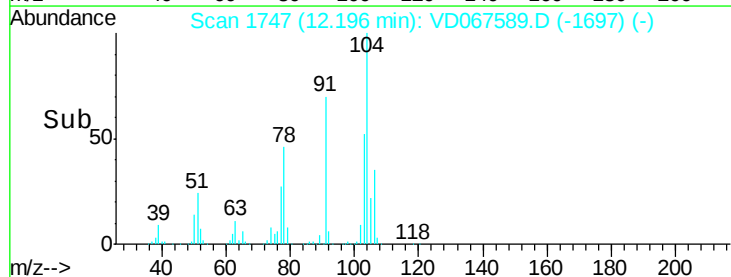
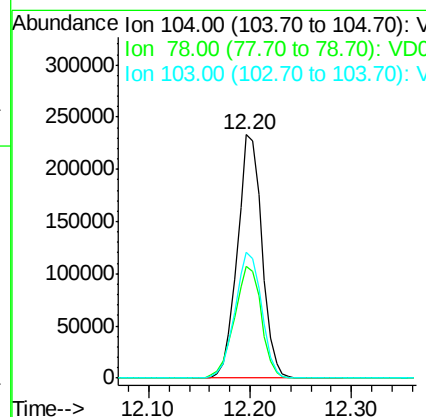
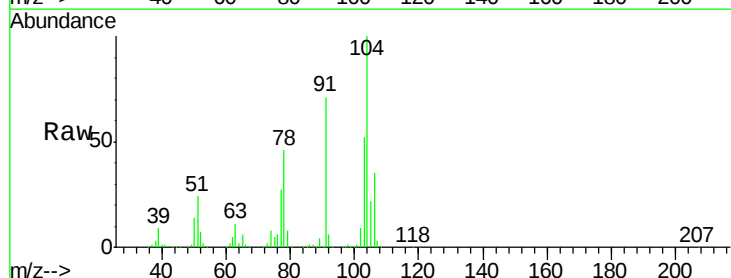
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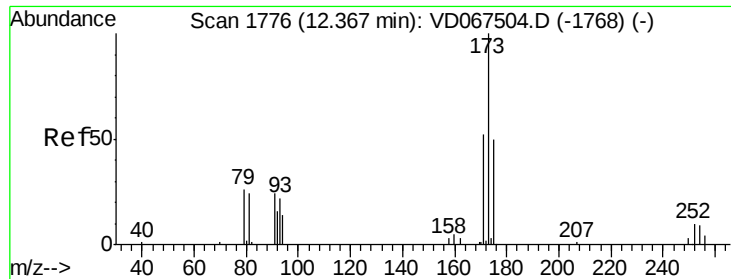
MMDadoda
11/11/2020 1:04:20 PM



#70
Styrene
Concen: 51.323 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion:104 Resp: 392145
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 55.8 43.9 65.9





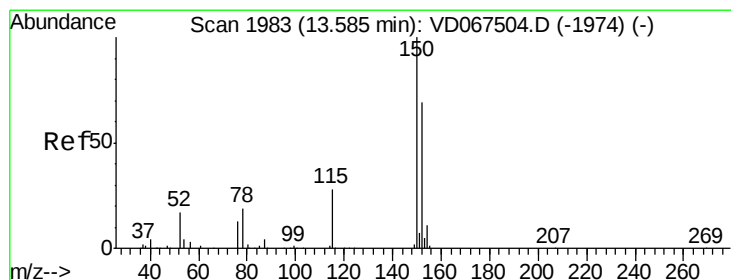
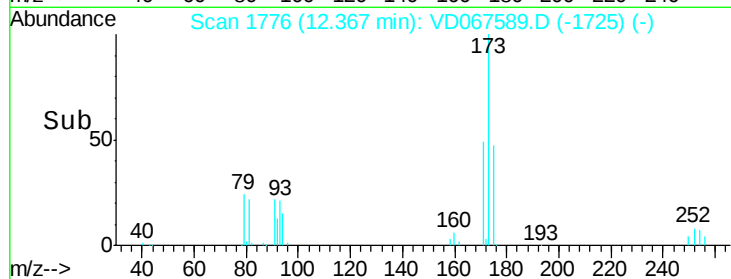
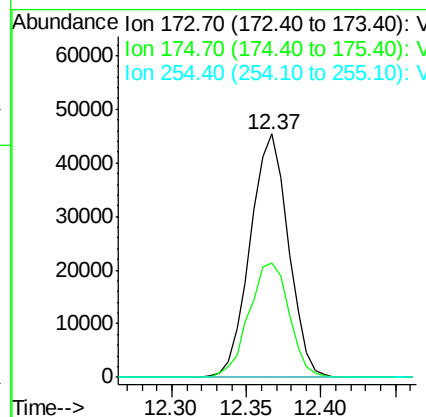
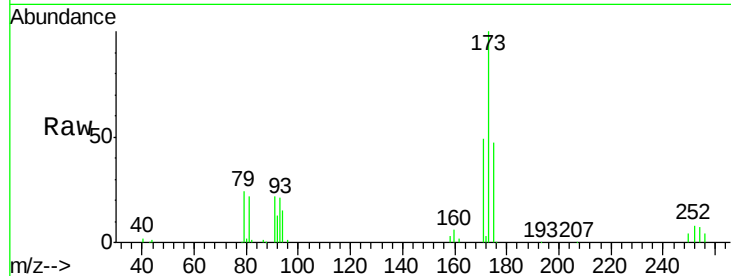
#71
Bromoform
Concen: 53.974 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.1	72.2
254	0.0	0.0	0.0

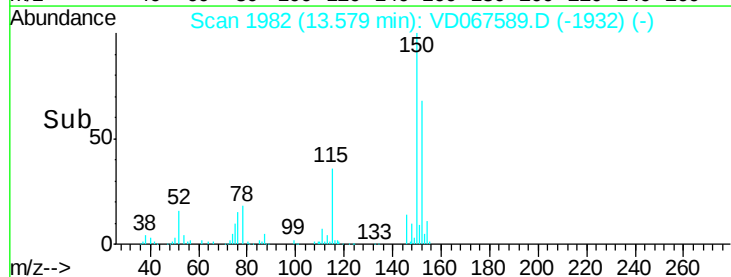
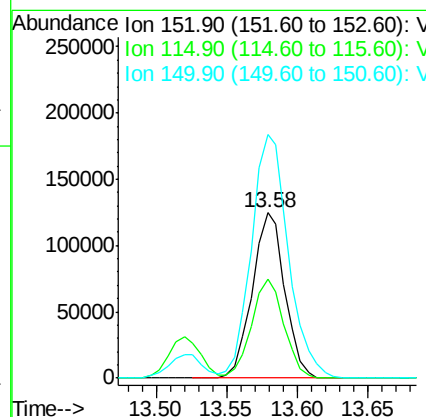
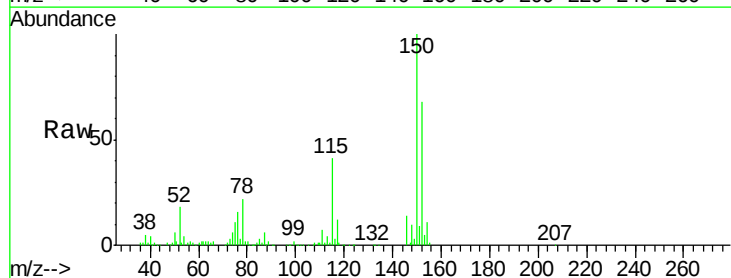
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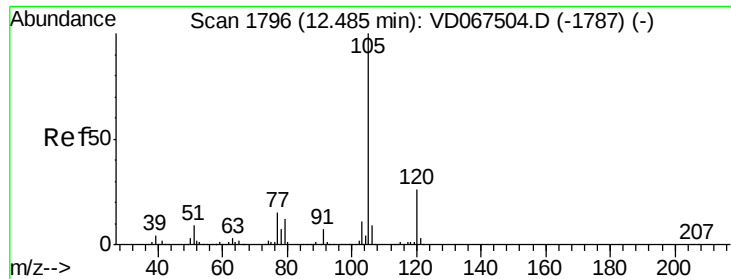
MMDadoda
11/11/2020 1:04:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	88.0
150	166.6	0.0	338.2





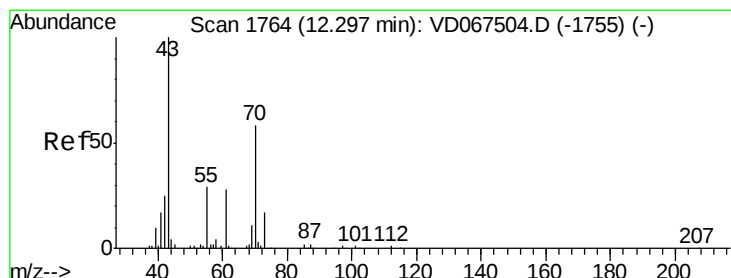
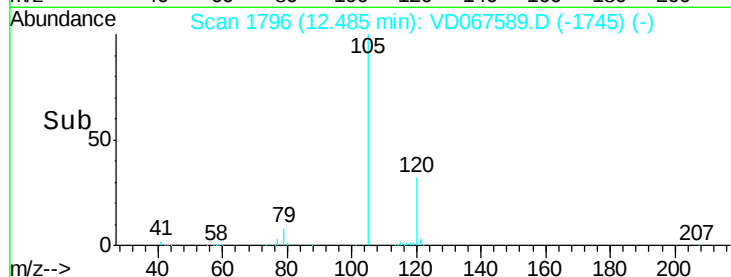
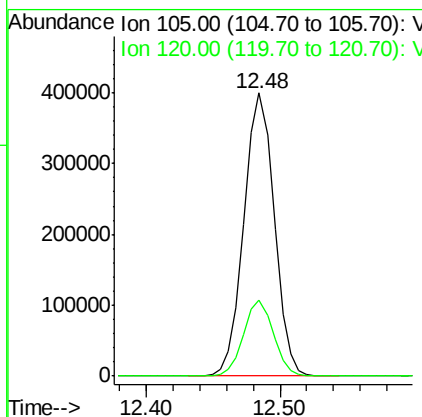
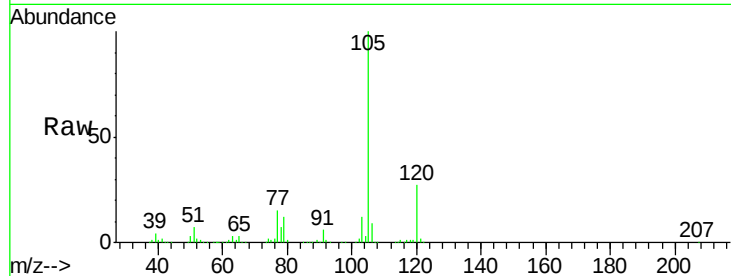
#73
Isopropylbenzene
Concen: 48.042 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.6

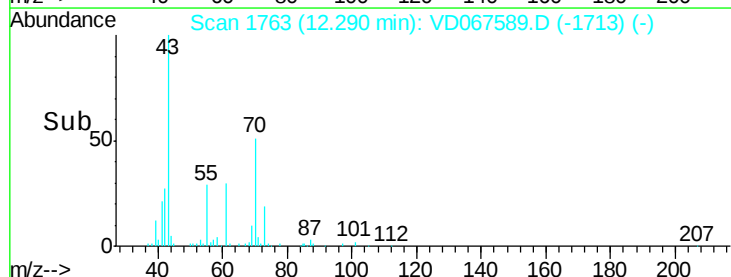
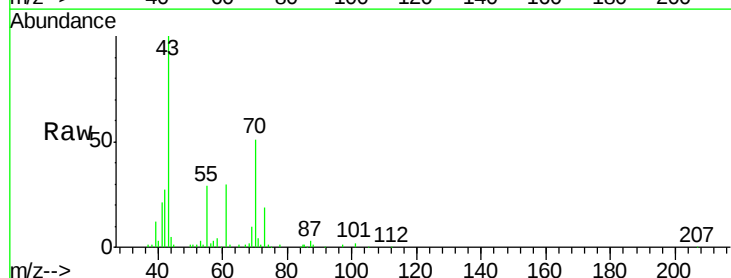
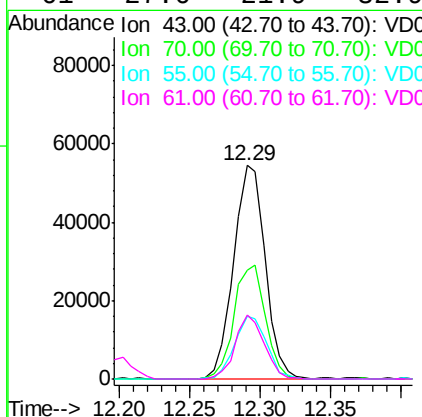
Manual Integrations
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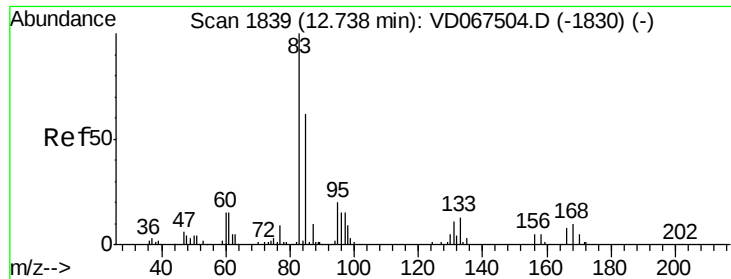
MMDadoda
11/11/2020 1:04:20 PM



#74
N-ethyl acetate
Concen: 49.526 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	52.8	42.6	64.0
55	30.0	23.7	35.5
61	27.6	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.671 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

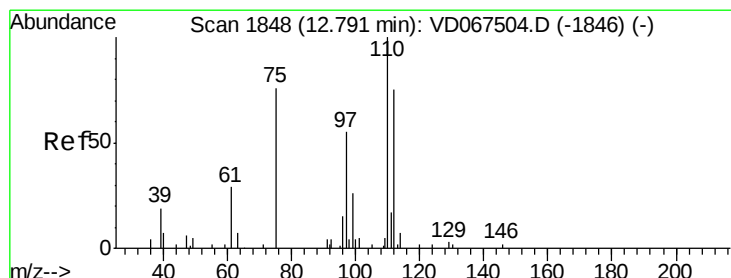
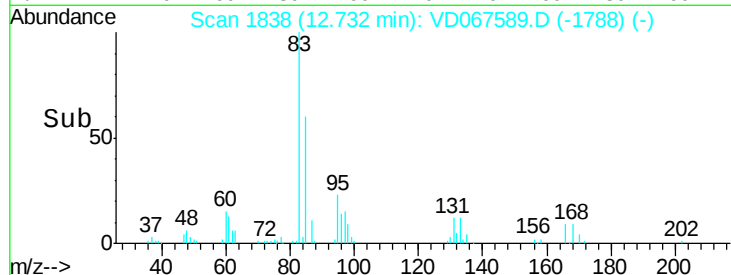
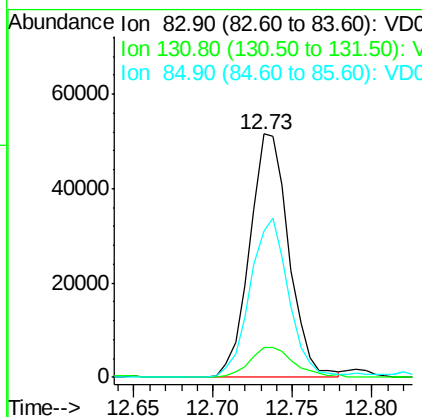
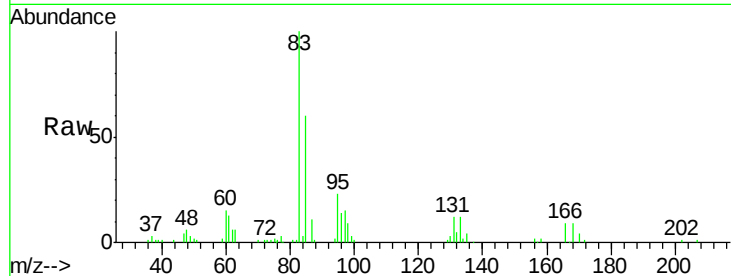
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	88752
Ion Ratio	Lower	Upper	
83	100		
131	14.2	7.1	21.3
85	64.0	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.205 ug/l m

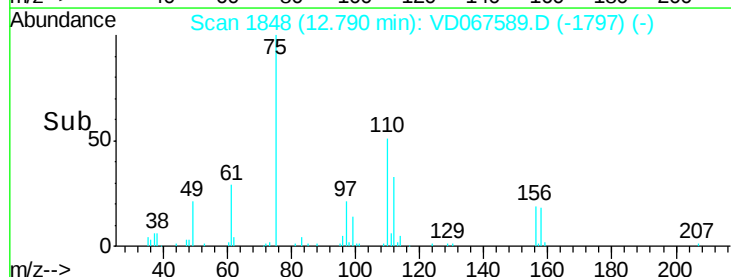
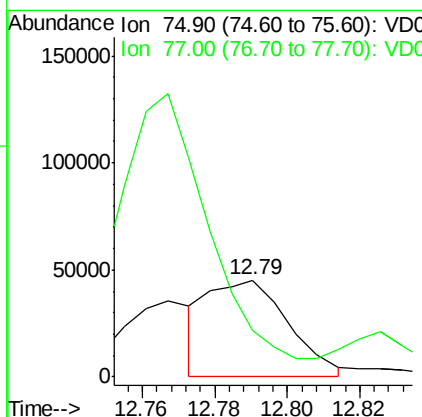
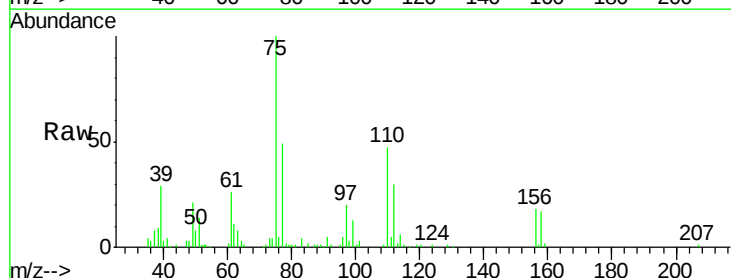
RT: 12.79 min Scan# 1848

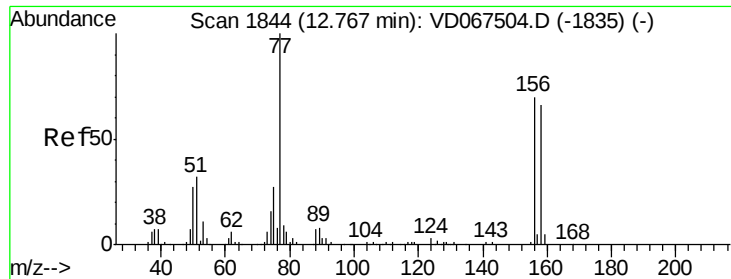
Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion:	75	Resp:	69968
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





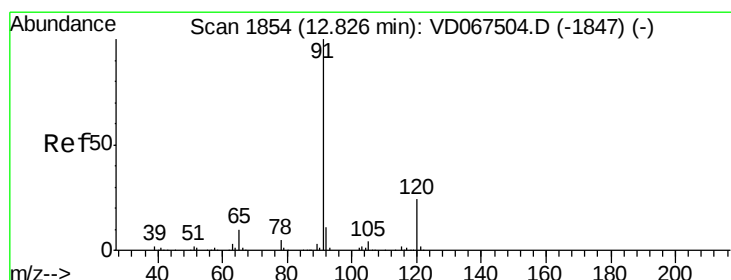
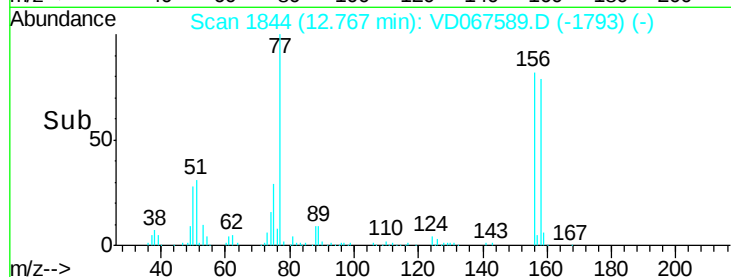
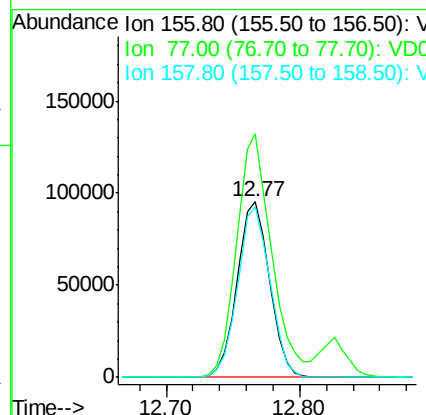
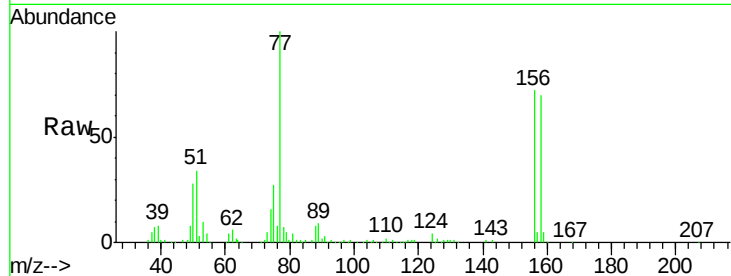
#77
Bromobenzene
Concen: 49.800 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.7	77.8	233.5
158	97.1	47.9	143.7

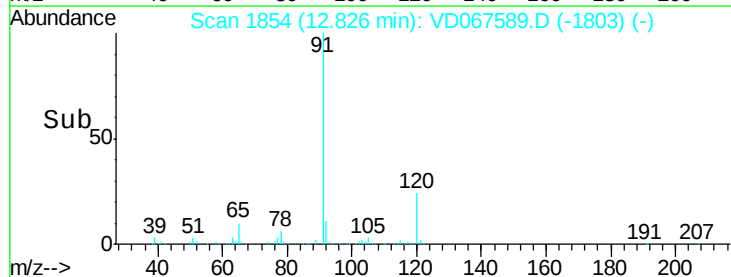
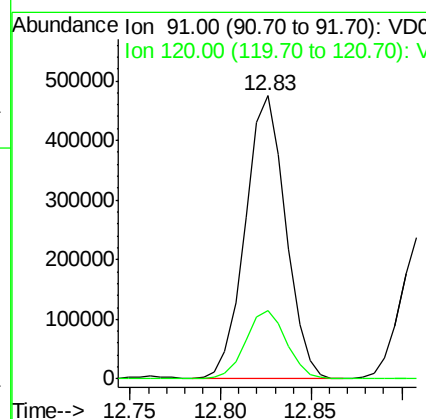
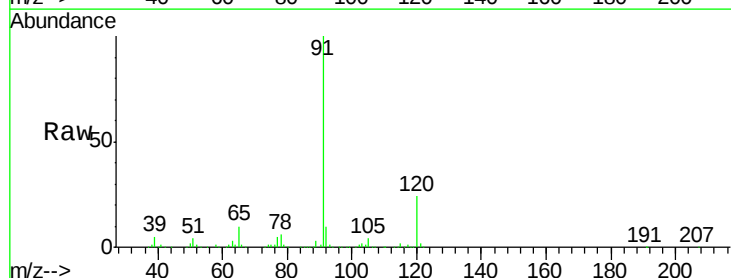
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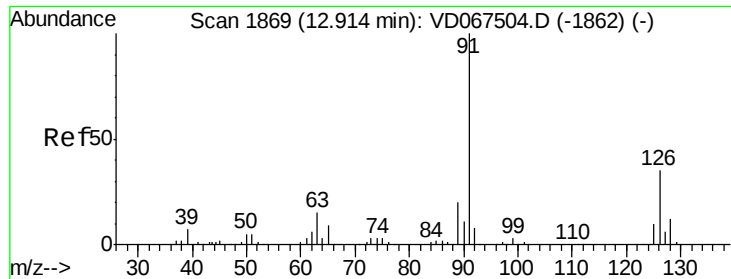
MMDadoda
11/11/2020 1:04:20 PM



#78
n-propylbenzene
Concen: 49.074 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.748 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 423549

Ion Ratio Lower Upper

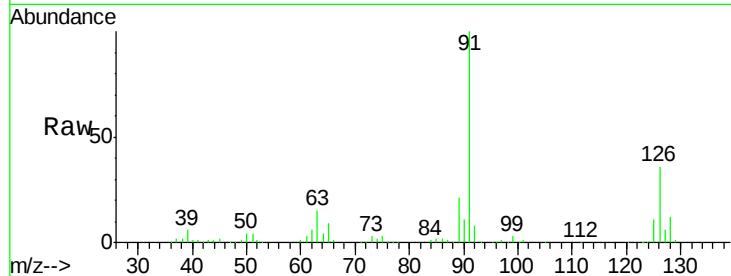
91 100

126 35.4 17.8 53.4

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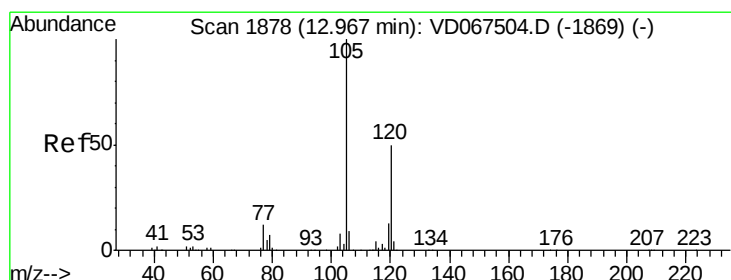
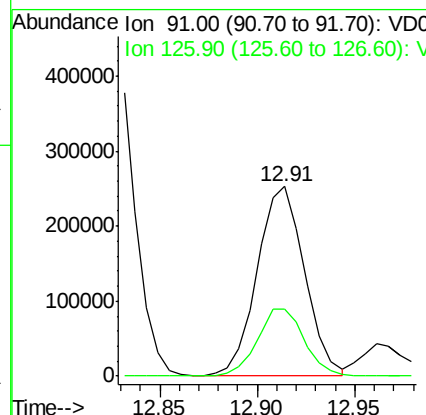
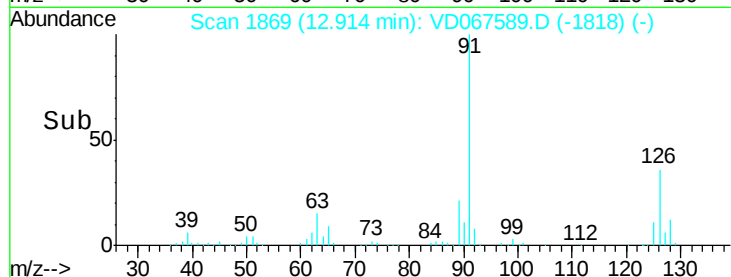
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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.806 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067589.D

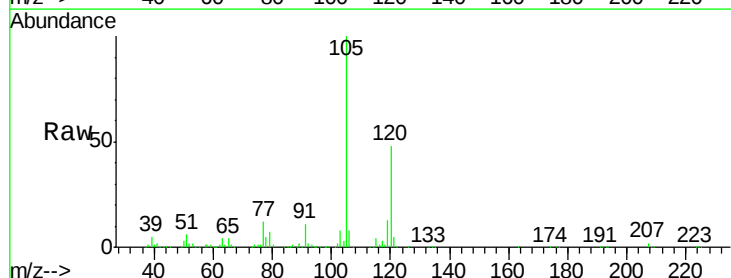
Acq: 10 Nov 2020 18:17

Tgt Ion: 105 Resp: 568702

Ion Ratio Lower Upper

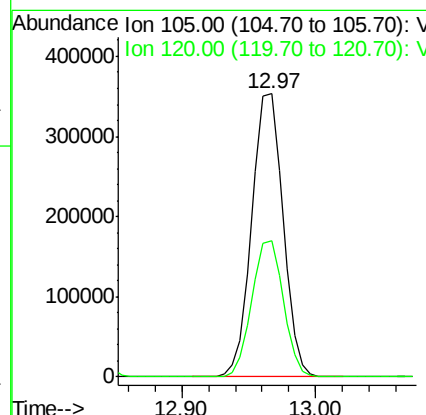
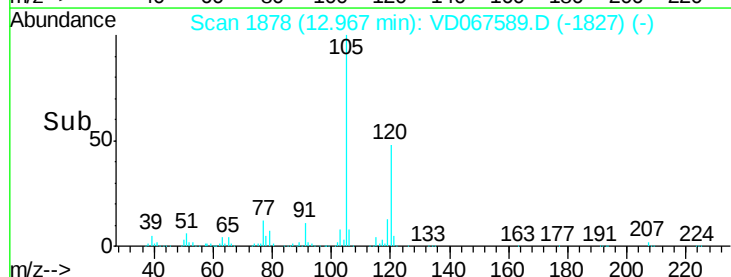
105 100

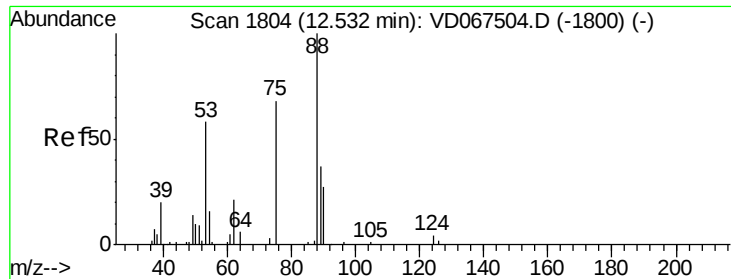
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





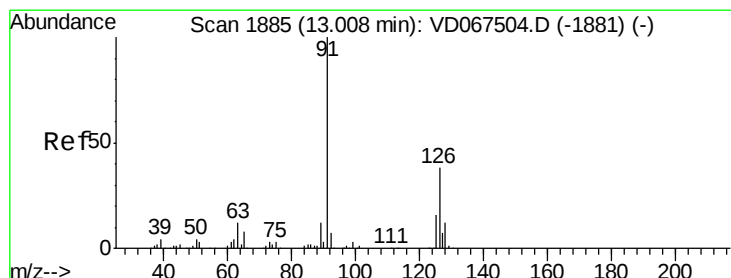
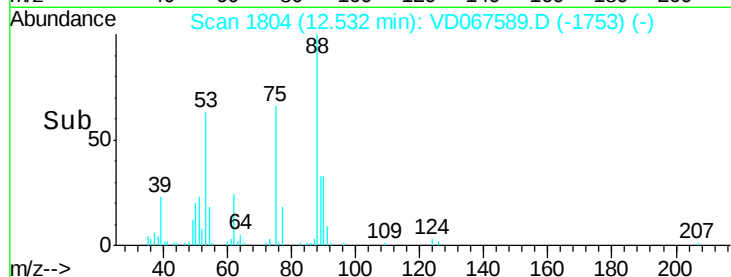
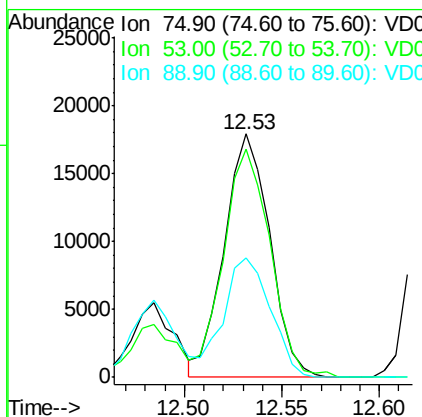
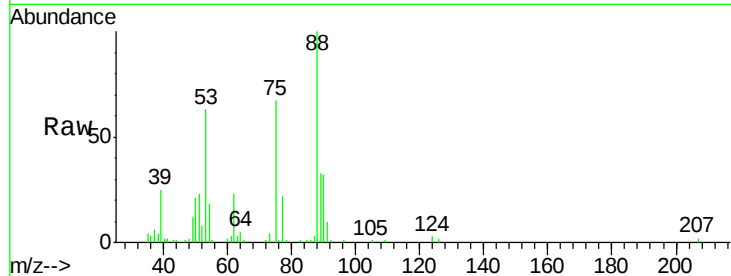
#81
trans-1,4-Dichloro-2-butene
Concen: 48.109 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	75.9	113.9
89	49.9	44.6	67.0

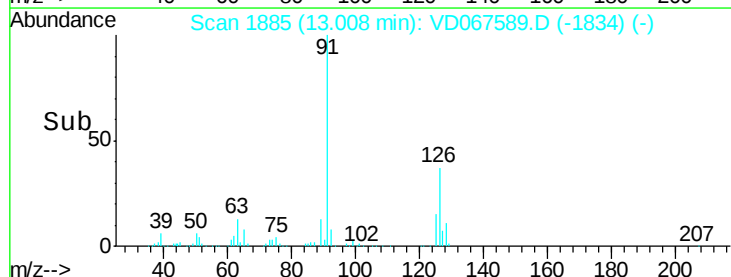
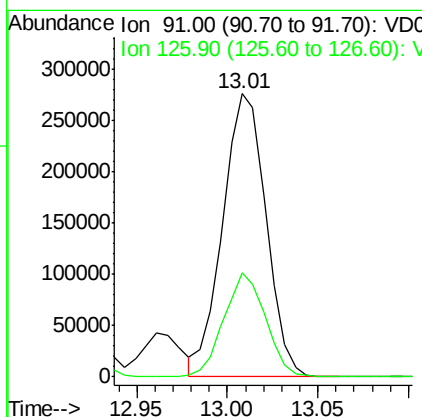
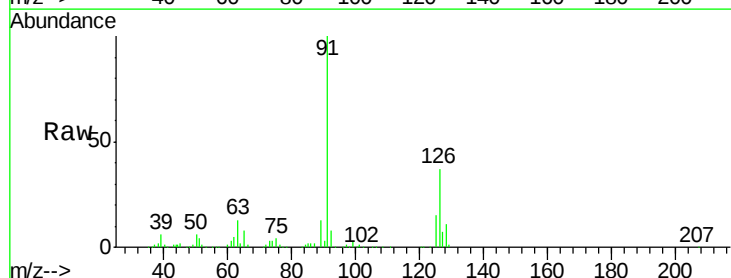
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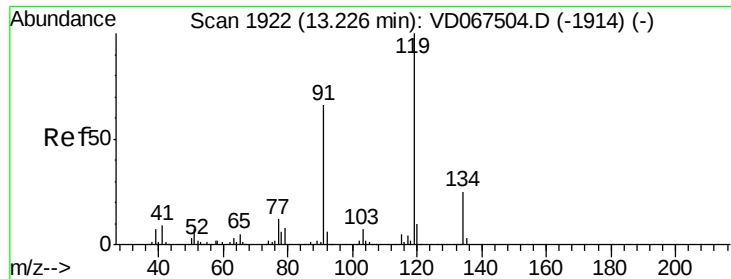
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#82
4-Chlorotoluene
Concen: 50.202 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.9	53.7





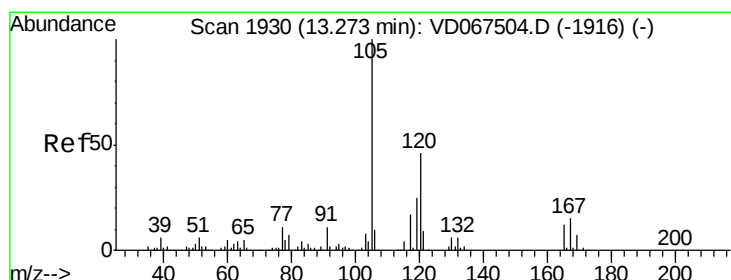
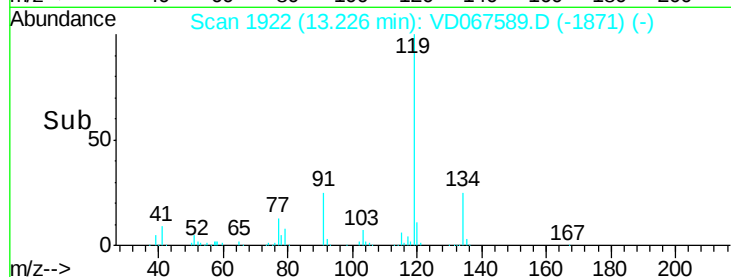
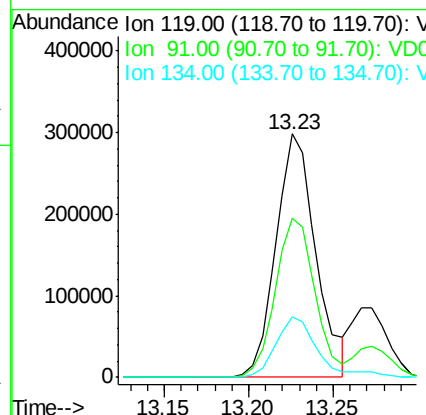
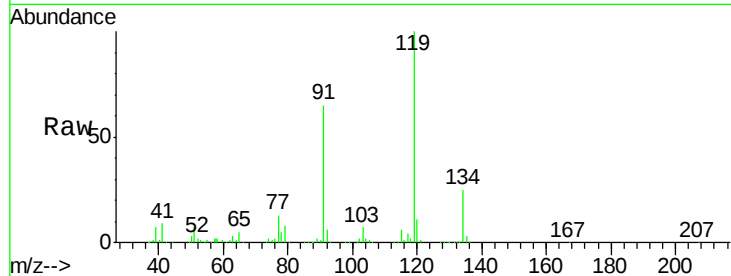
#83
tert-Butylbenzene
Concen: 51.586 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.7	98.1
134	26.2	13.4	40.2

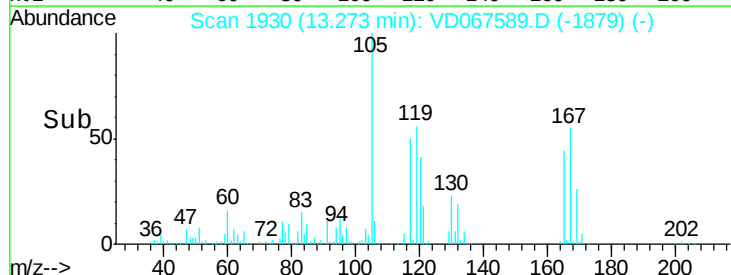
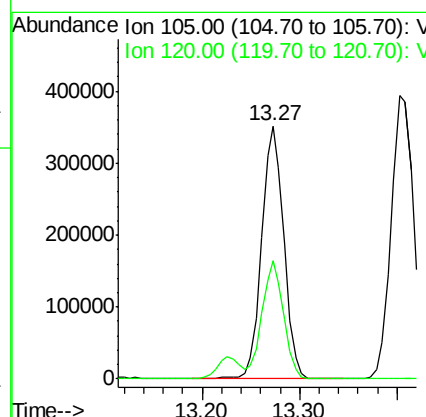
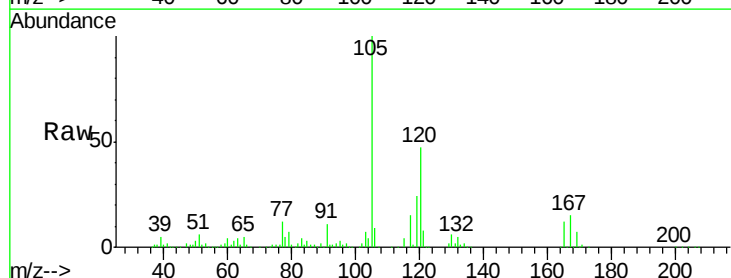
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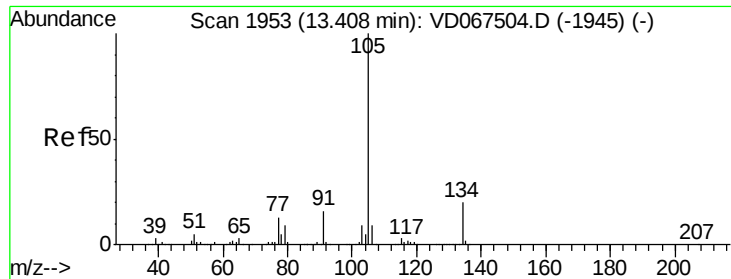
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#84
1,2,4-Trimethylbenzene
Concen: 50.564 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.1





#85

sec-Butylbenzene

Concen: 49.517 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 634142

Ion Ratio Lower Upper

105 100

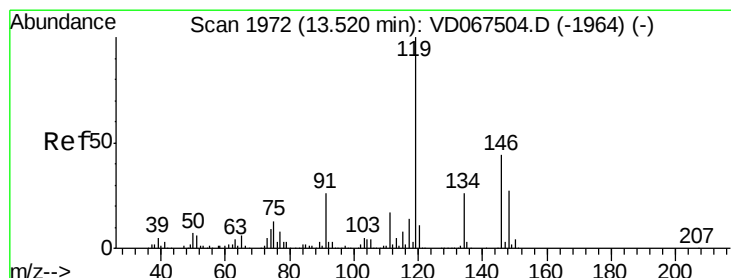
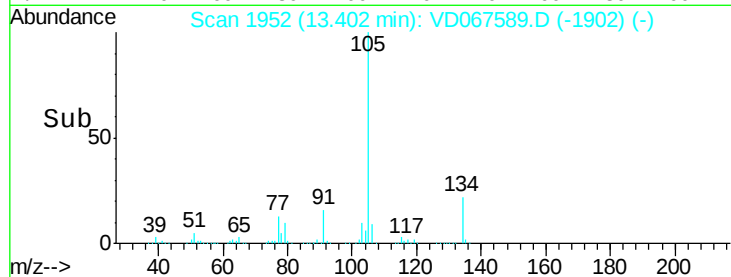
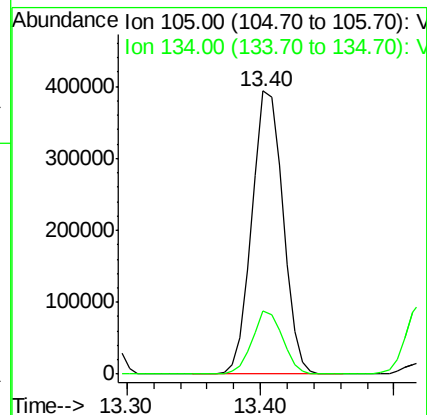
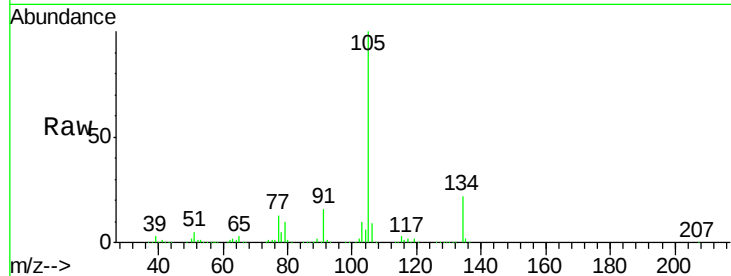
134 21.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 49.269 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

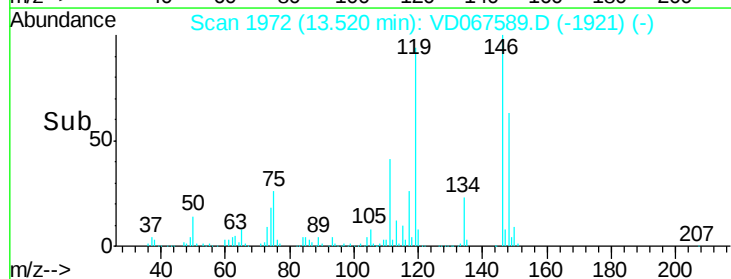
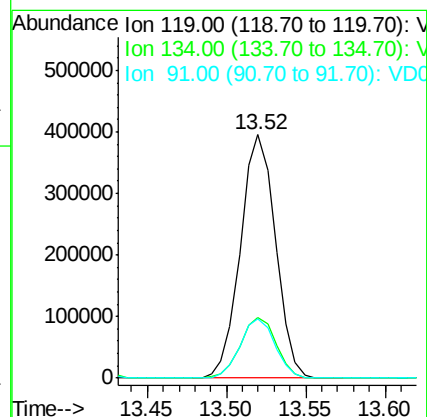
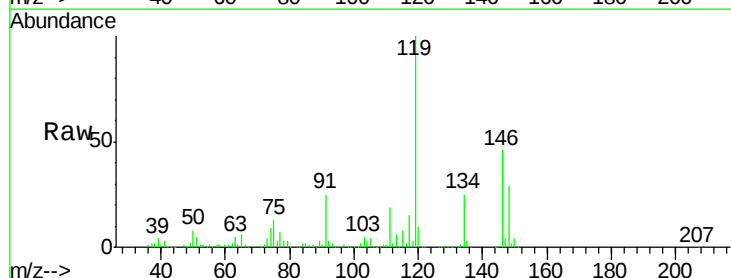
Tgt Ion:119 Resp: 609306

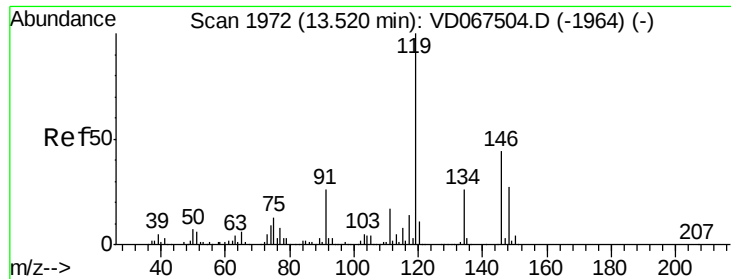
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 24.3 12.2 36.4





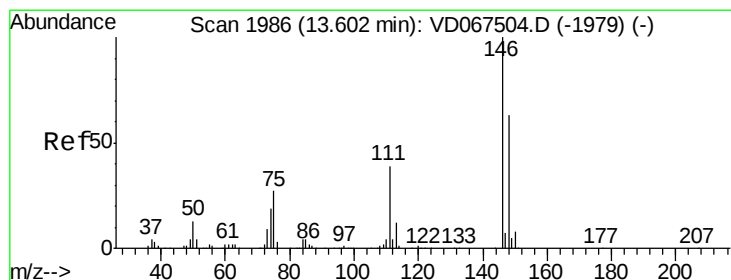
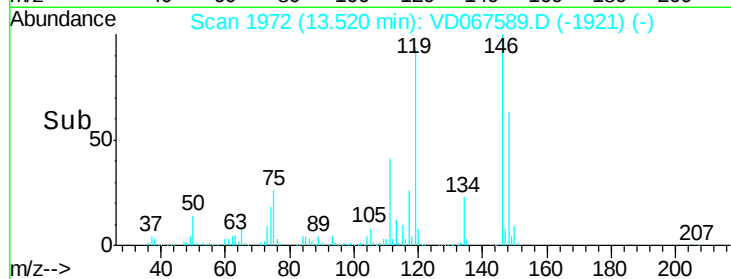
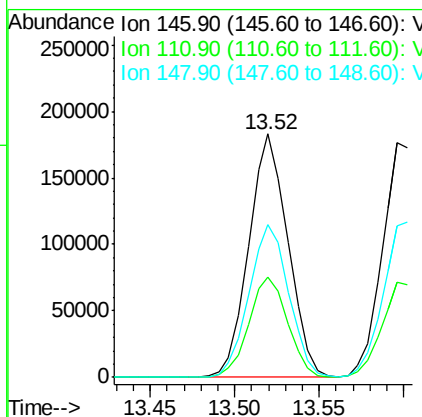
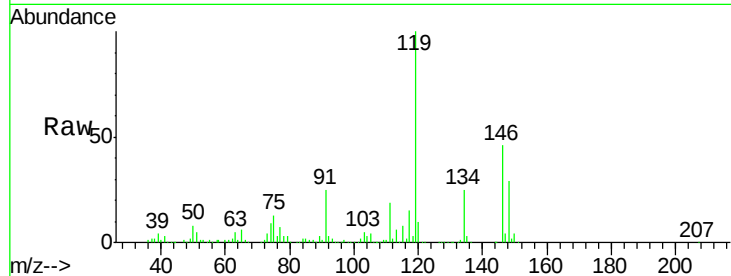
#87
 1,3-Dichlorobenzene
 Concen: 48.059 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	295108		
111	40.9	20.3	60.8	
148	64.0	31.9	95.9	

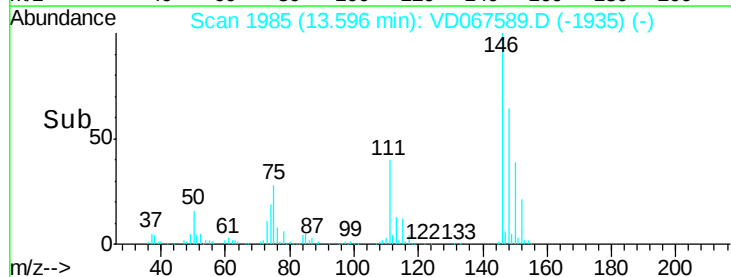
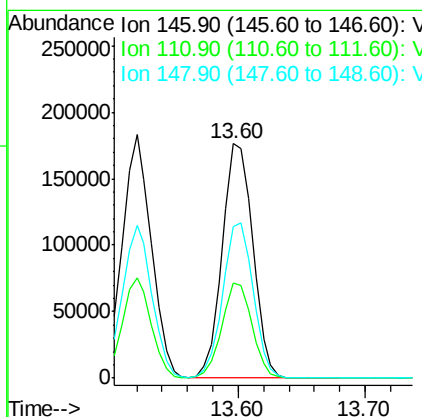
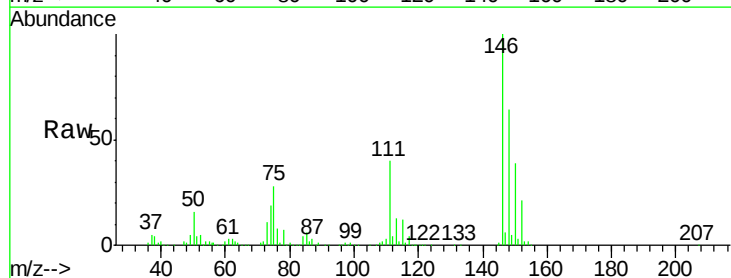
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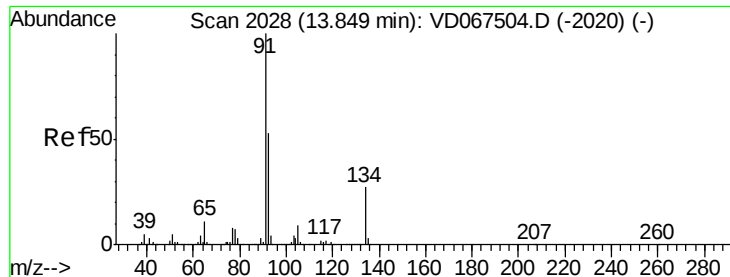
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#88
 1,4-Dichlorobenzene
 Concen: 47.612 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296033		
111	39.9	19.6	58.7	
148	65.5	31.8	95.4	





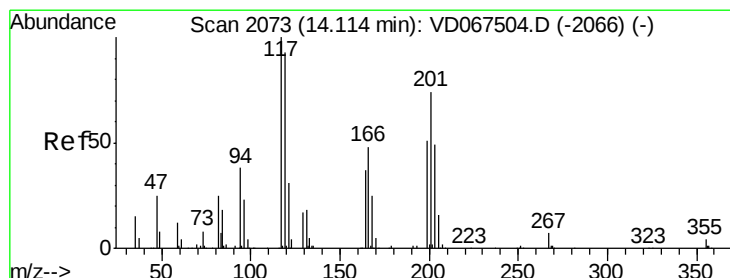
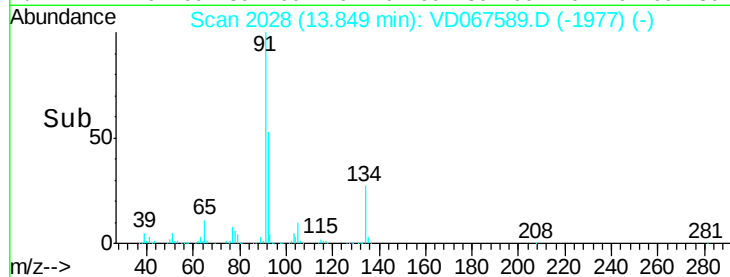
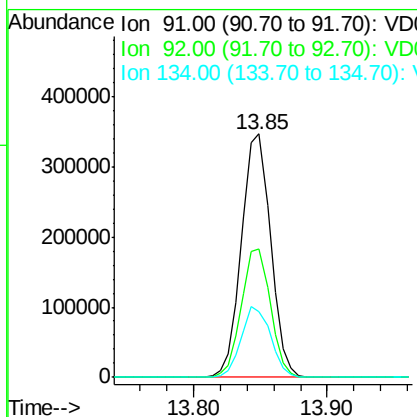
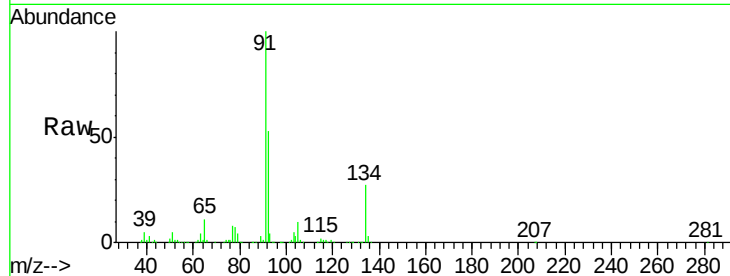
#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	29.2	14.1	42.2

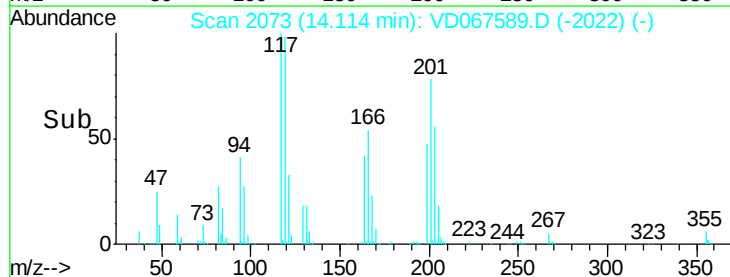
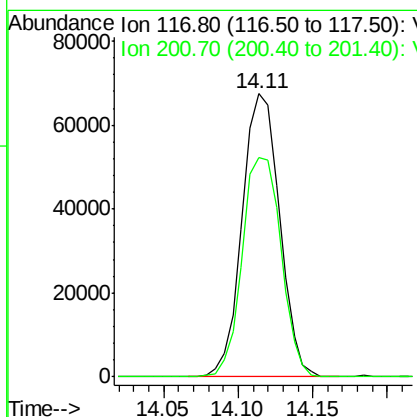
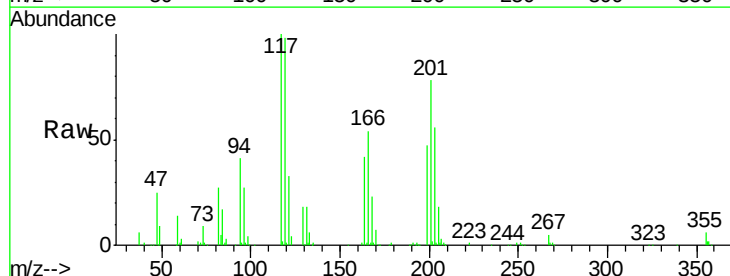
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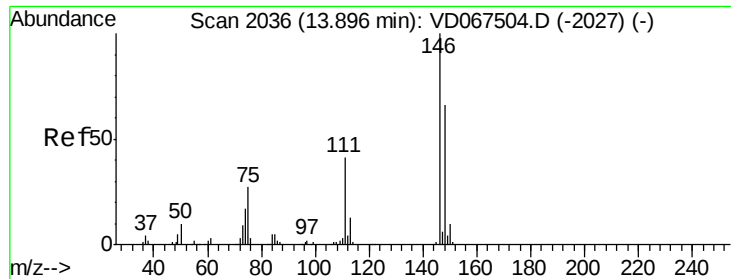
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11/11/2020 1:04:20 PM



#90
Hexachloroethane
Concen: 50.370 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067589.D
Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	40.7	122.1





#91

1,2-Dichlorobenzene

Concen: 50.074 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

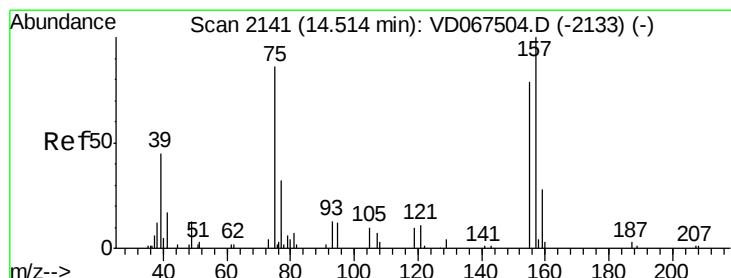
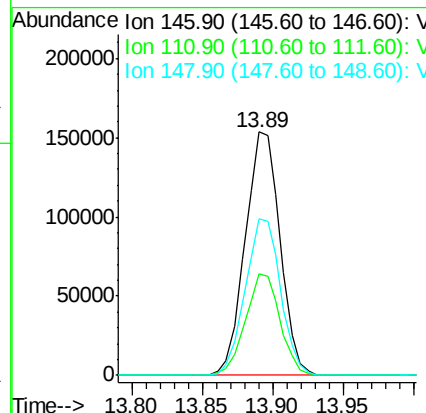
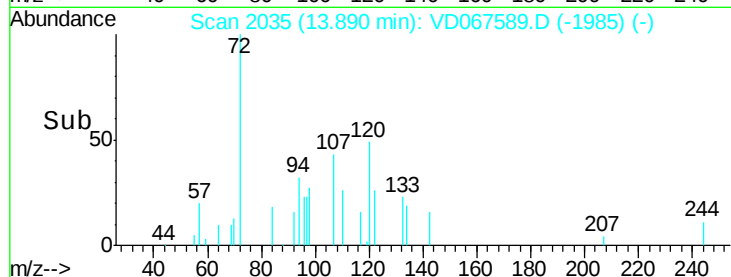
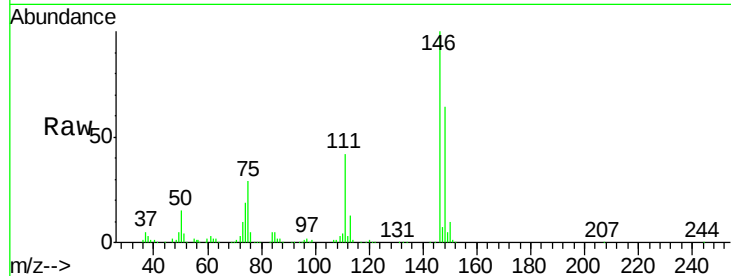
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	266114
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.7	62.1
148	65.1	31.5	94.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.794 ug/l

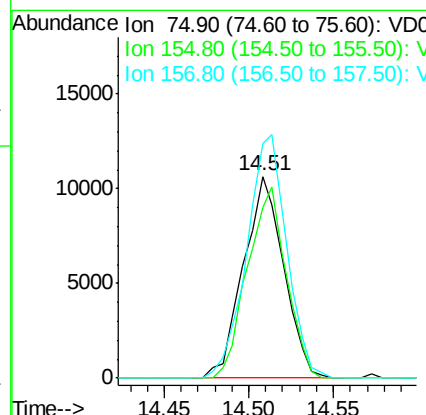
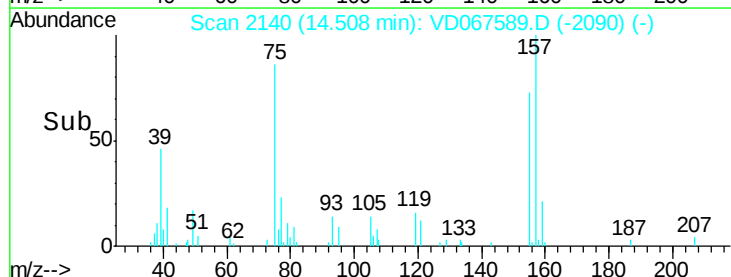
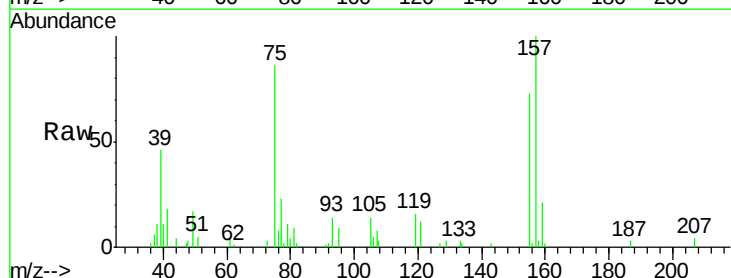
RT: 14.51 min Scan# 2140

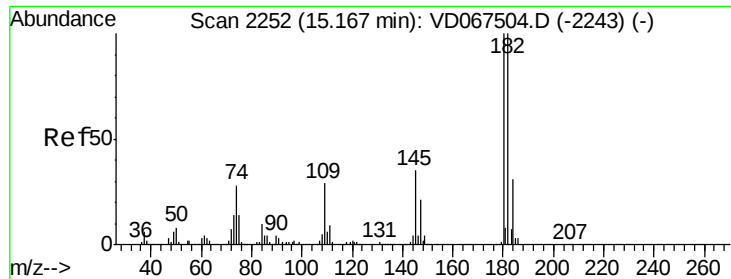
Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion:	75	Resp:	17651
Ion Ratio	Lower	Upper	
75	100		
155	91.3	46.6	139.8
157	120.0	58.1	174.2





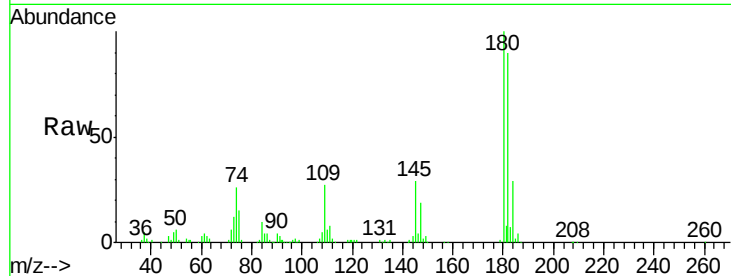
#93
 1,2,4-Trichlorobenzene
 Concen: 53.351 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192437		
182	92.6	47.4	142.3	
145	31.5	16.2	48.6	

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:04:20 PM

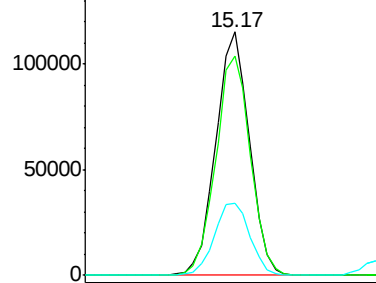


Abundance

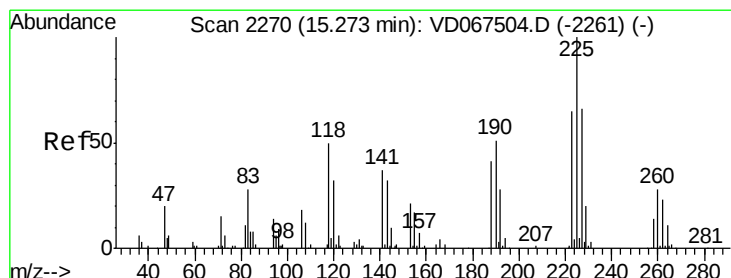
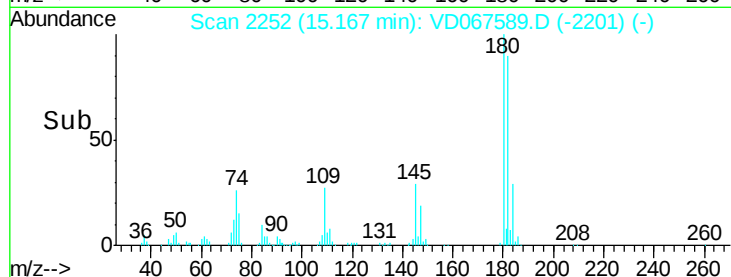
Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

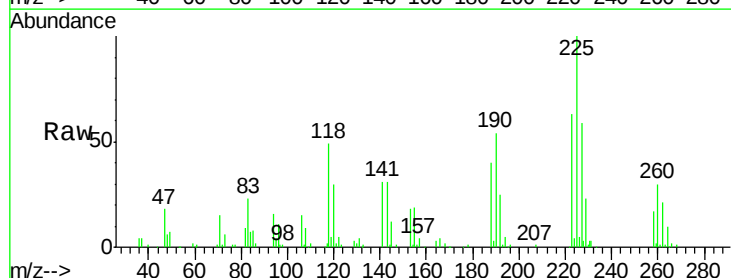


Time-->



#94
 Hexachlorobutadiene
 Concen: 48.060 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067589.D
 Acq: 10 Nov 2020 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116018		
223	63.2	31.9	95.5	
227	63.9	32.5	97.4	

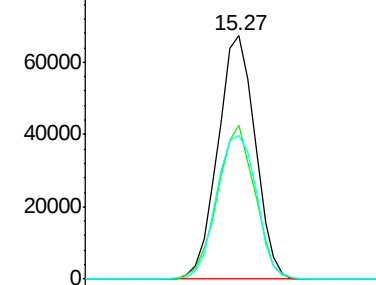


Abundance

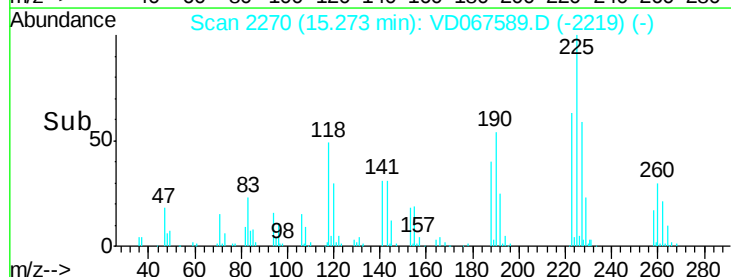
Ion 224.70 (224.40 to 225.40): V

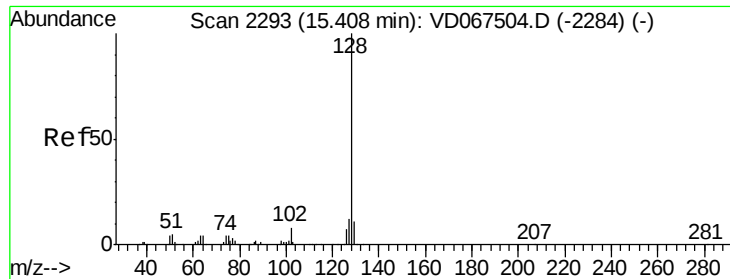
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 57.735 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Instrument :

MSVOA_D

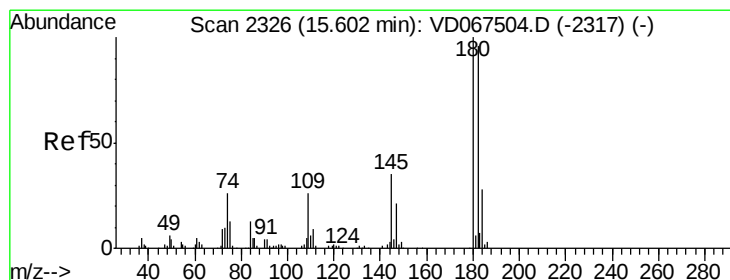
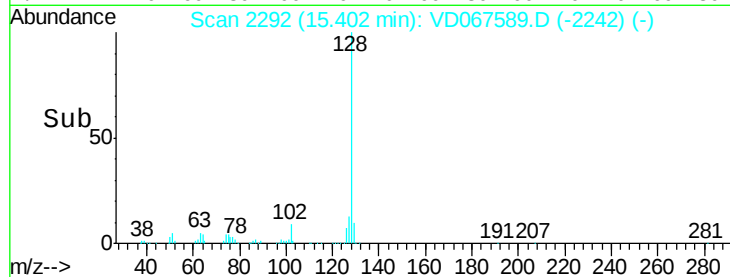
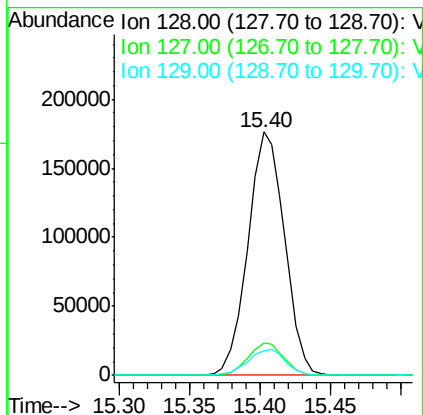
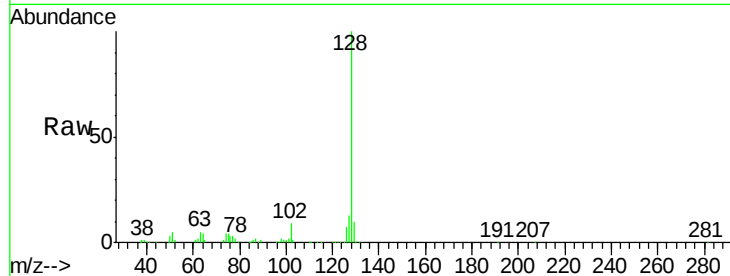
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	321378
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/11/2020 1:04:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.642 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD067589.D

Acq: 10 Nov 2020 18:17

Tgt Ion:	180	Resp:	165687
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.9	140.8
145	32.9	17.1	51.2

