

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067716.D
 Acq On : 20 Nov 2020 11:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:41:26 PM

Quant Time: Nov 21 00:47:20 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	272857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	341077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	175375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110052	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.91	113	110908	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
50) Toluene-d8	10.34	98	383634	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	12.64	95	135838	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	113552	51.552	ug/l	95
3) Chloromethane	2.21	50	69890	41.133	ug/l	97
4) Vinyl Chloride	2.35	62	84549	44.631	ug/l	97
5) Bromomethane	2.77	94	73086	47.600	ug/l	99
6) Chloroethane	2.92	64	54767	46.893	ug/l	95
7) Trichlorofluoromethane	3.28	101	260059	53.019	ug/l	91
8) Diethyl Ether	3.71	74	50781	51.379	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	126019	50.898	ug/l	96
10) Methyl Iodide	4.30	142	140521	52.954	ug/l	100
11) Tert butyl alcohol	5.21	59	33822	335.901	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	117613	51.643	ug/l	98
13) Acrolein	3.92	56	22252	214.652	ug/l	99
14) Allyl chloride	4.71	41	120220	49.323	ug/l	95
15) Acrylonitrile	5.42	53	93395	255.631	ug/l	98
16) Acetone	4.16	43	104998	294.090	ug/l	98
17) Carbon Disulfide	4.41	76	311927	44.698	ug/l	97
18) Methyl Acetate	4.71	43	36842	49.936	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	253280	56.382	ug/l	95
20) Methylene Chloride	4.97	84	125920	49.929	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	134396	50.666	ug/l	95
22) Diisopropyl ether	6.36	45	243998	51.370	ug/l	99
23) Vinyl Acetate	6.30	43	672050	270.303	ug/l	100
24) 1,1-Dichloroethane	6.27	63	196387	50.540	ug/l	97
25) 2-Butanone	7.21	43	102075	267.567	ug/l	96
26) 2,2-Dichloropropane	7.21	77	232723	56.748	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	148257	53.848	ug/l	99
28) Bromochloromethane	7.55	49	64833	46.906	ug/l	93
29) Tetrahydrofuran	7.56	42	58424	255.667	ug/l	96
30) Chloroform	7.71	83	246570	53.189	ug/l	99
31) Cyclohexane	7.98	56	163323	47.199	ug/l #	88
32) 1,1,1-Trichloroethane	7.90	97	260306	54.423	ug/l	100
36) 1,1-Dichloropropene	8.11	75	182002	54.765	ug/l	99
37) Ethyl Acetate	7.29	43	48294	55.974	ug/l	98
38) Carbon Tetrachloride	8.10	117	259599	60.122	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	217959	55.723	ug/l	96
40) Benzene	8.36	78	491291	54.575	ug/l	97
41) Methacrylonitrile	7.53	41	22410m	43.453	ug/l	
42) 1,2-Dichloroethane	8.43	62	155552	55.927	ug/l	96
43) Isopropyl Acetate	8.46	43	94418	55.334	ug/l	99
44) Trichloroethene	9.11	130	162233	54.810	ug/l	96
45) 1,2-Dichloropropane	9.39	63	101958	52.385	ug/l	100
46) Dibromomethane	9.48	93	68707	55.520	ug/l	100
47) Bromodichloromethane	9.67	83	188992	56.188	ug/l	96
48) Methyl methacrylate	9.46	41	43316	49.166	ug/l #	82
49) 1,4-Dioxane	9.47	88	13506	1075.071	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	227236	278.455	ug/l	99
52) Toluene	10.41	92	338005	56.058	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	166331	57.739	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	191366	55.911	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	90076	55.012	ug/l	99
56) Ethyl methacrylate	10.67	69	98189	58.070	ug/l	97
57) 1,3-Dichloropropane	10.95	76	146068	55.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	203619	258.235	ug/l	100
59) 2-Hexanone	10.99	43	169221	296.572	ug/l	98
60) Dibromochloromethane	11.14	129	136047	56.168	ug/l	99
61) 1,2-Dibromoethane	11.25	107	87233	53.083	ug/l	96
64) Tetrachloroethene	10.88	164	142657	56.476	ug/l	97
65) Chlorobenzene	11.67	112	373281	56.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	152478	58.884	ug/l	99
67) Ethyl Benzene	11.75	91	659787	58.686	ug/l	98
68) m/p-Xylenes	11.86	106	508823	116.332	ug/l	100
69) o-Xylene	12.18	106	234423	60.030	ug/l	98
70) Styrene	12.20	104	398545	58.568	ug/l	98
71) Bromoform	12.37	173	77063	58.352	ug/l #	97
73) Isopropylbenzene	12.48	105	674849	59.541	ug/l	100
74) N-amyl acetate	12.29	43	83369	55.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	84157	54.451	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	50949m	48.158	ug/l	
77) Bromobenzene	12.76	156	156029	56.054	ug/l	97
78) n-propylbenzene	12.83	91	753000	58.082	ug/l	100
79) 2-Chlorotoluene	12.91	91	432343	58.708	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	580805	59.987	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27802	53.353	ug/l	95
82) 4-Chlorotoluene	13.01	91	459235	58.143	ug/l	98
83) tert-Butylbenzene	13.23	119	511384	62.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	572264	59.377	ug/l	99
85) sec-Butylbenzene	13.40	105	664955	60.028	ug/l	99
86) p-Isopropyltoluene	13.52	119	639854	59.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	301211	56.711	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	303266	56.389	ug/l	100
89) n-Butylbenzene	13.84	91	552860	59.835	ug/l	98
90) Hexachloroethane	14.11	117	118902	59.025	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	261923	56.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17329	63.327	ug/l	94

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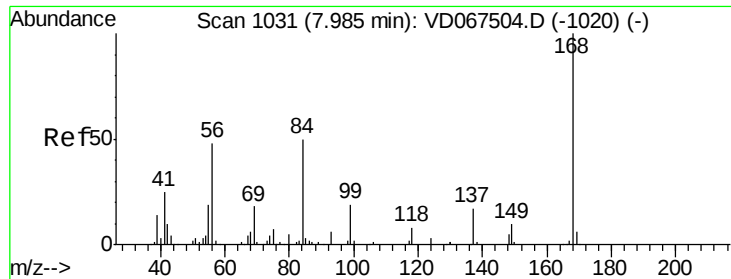
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189131	60.620	ug/l	98
94) Hexachlorobutadiene	15.27	225	124367	59.560	ug/l	97
95) Naphthalene	15.40	128	308834	64.142	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	160114	59.929	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 272857

Ion Ratio Lower Upper

168 100

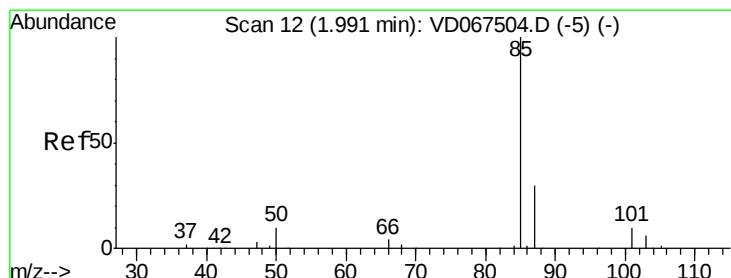
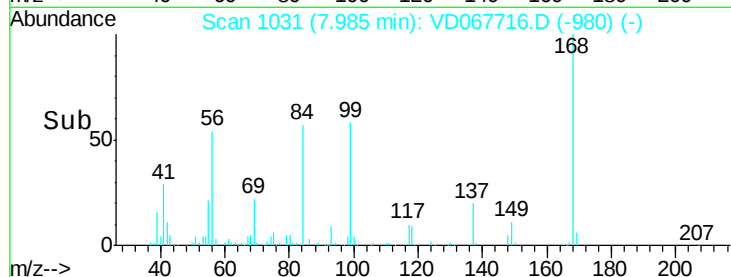
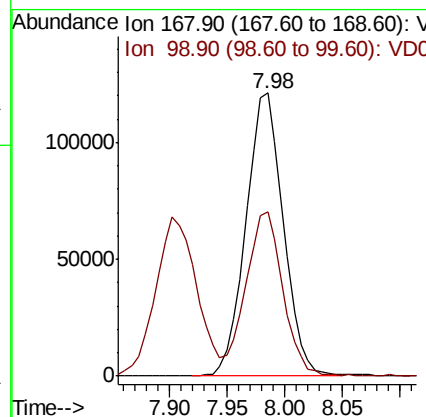
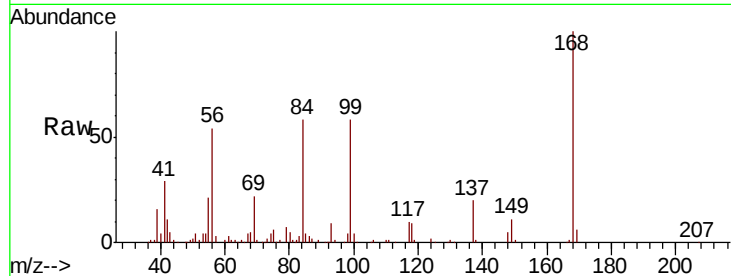
99 57.8 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.552 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.01 min

Lab File: VD067716.D

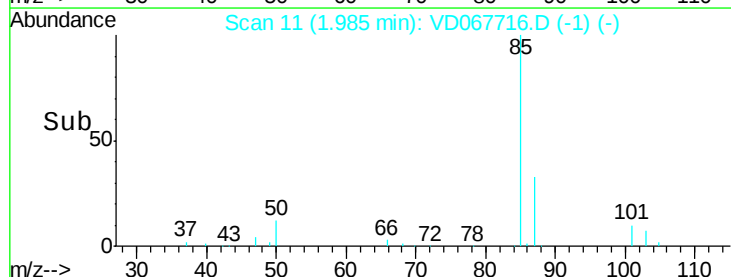
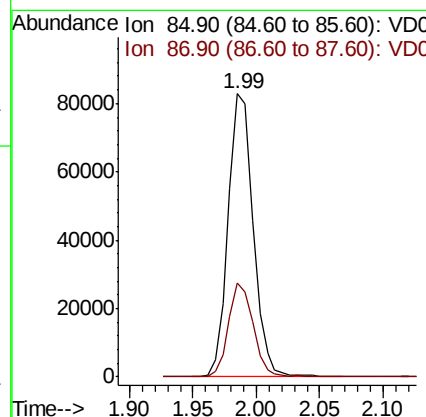
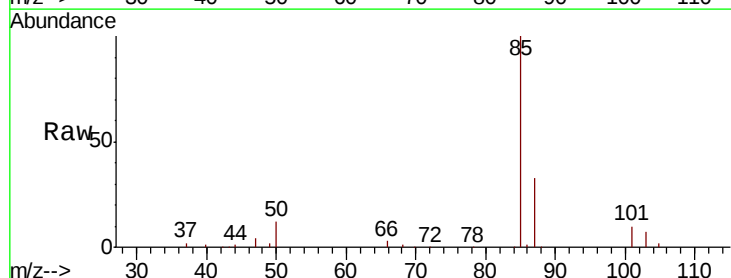
Acq: 20 Nov 2020 11:03

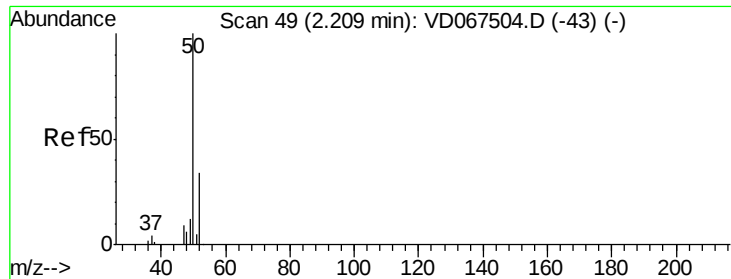
Tgt Ion: 85 Resp: 113552

Ion Ratio Lower Upper

85 100

87 33.4 15.3 45.8





#3

Chloromethane

Concen: 41.133 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 69890

Ion Ratio Lower Upper

50 100

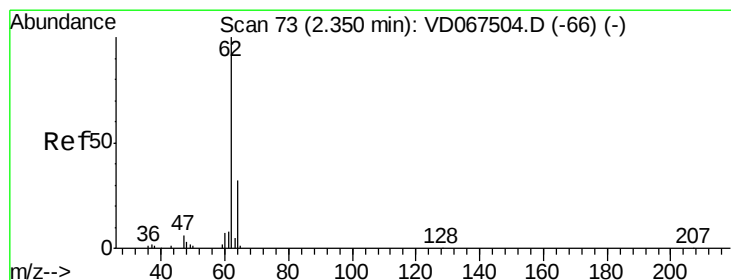
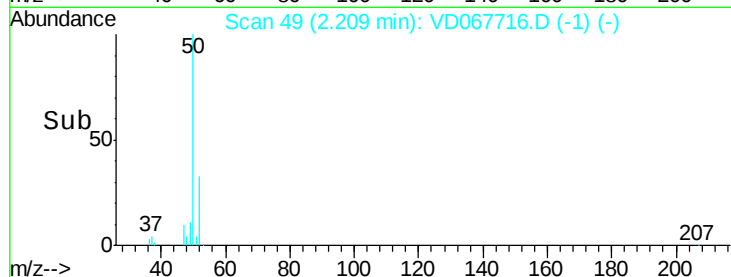
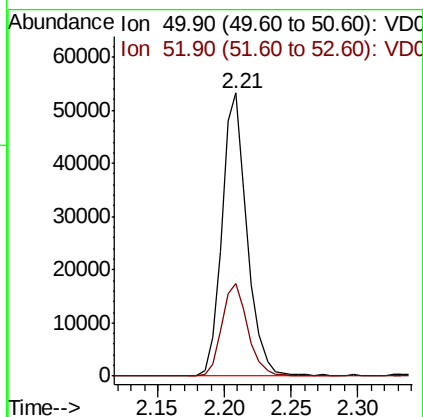
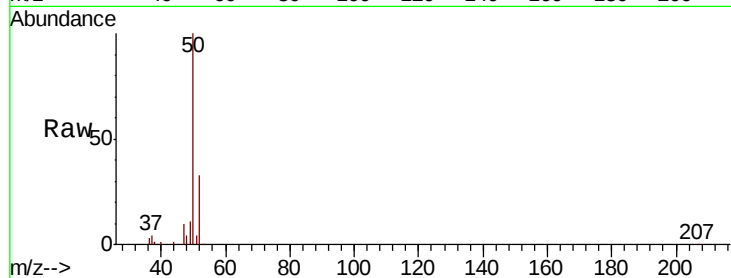
52 32.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.631 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067716.D

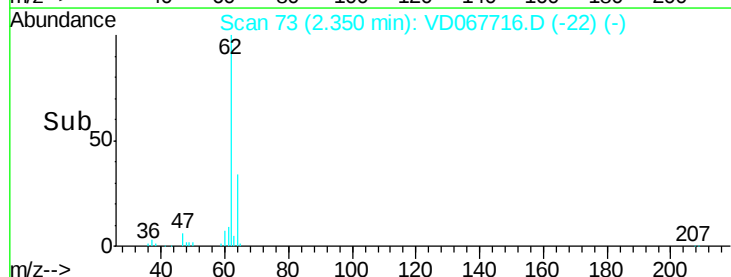
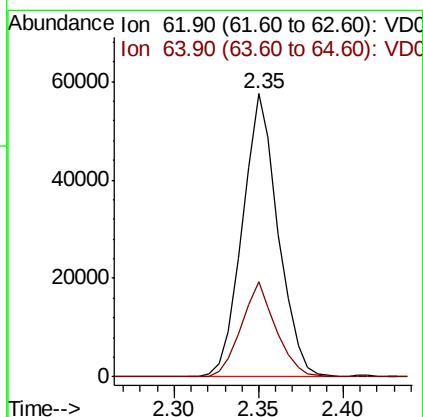
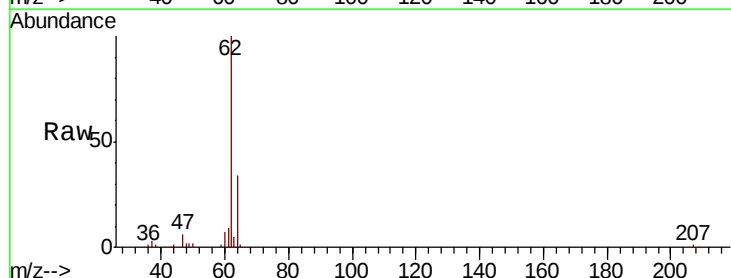
Acq: 20 Nov 2020 11:03

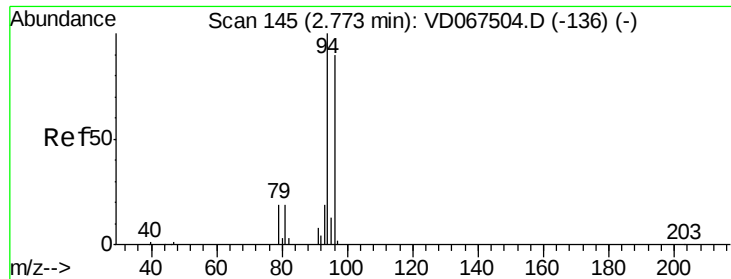
Tgt Ion: 62 Resp: 84549

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4





#5

Bromomethane

Concen: 47.600 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73086

Ion Ratio Lower Upper

94 100

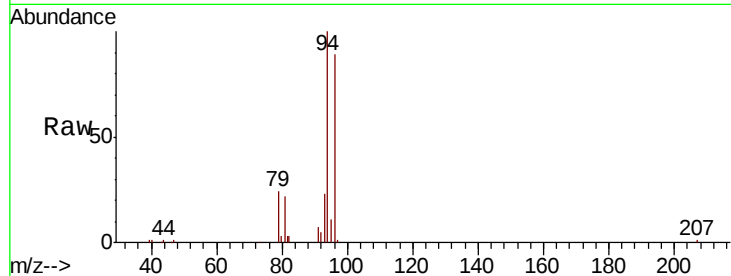
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Manual Integrations

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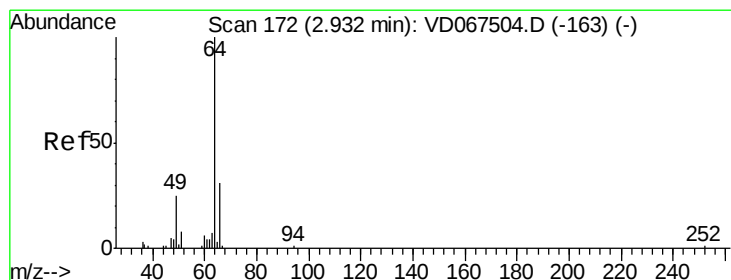
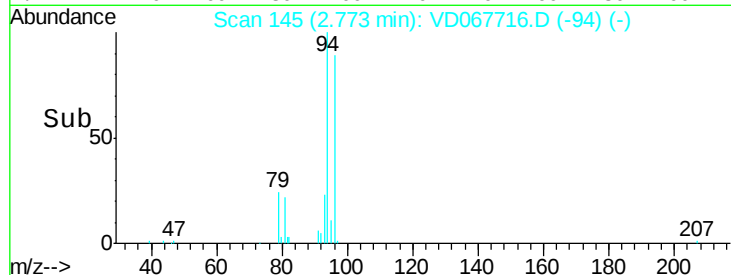
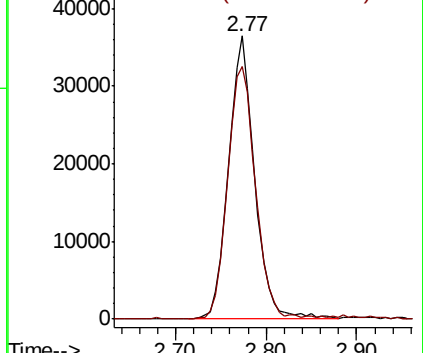
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.893 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD067716.D

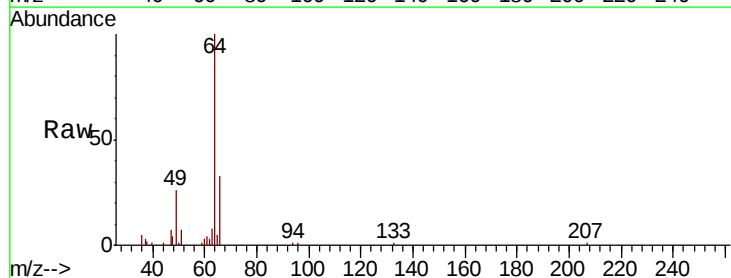
Acq: 20 Nov 2020 11:03

Tgt Ion: 64 Resp: 54767

Ion Ratio Lower Upper

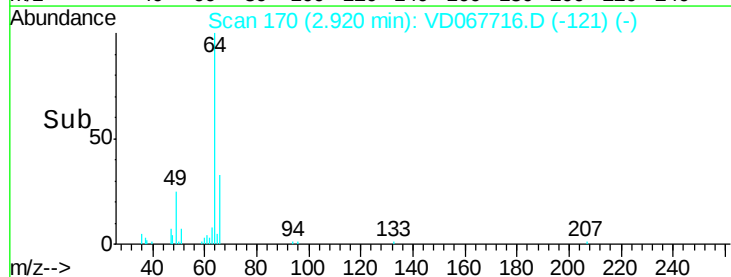
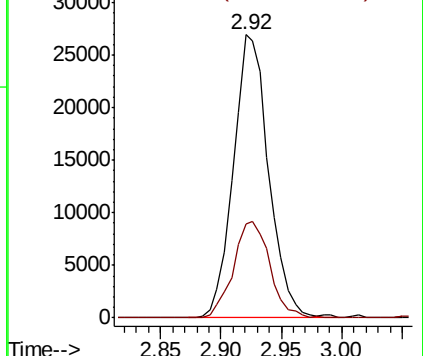
64 100

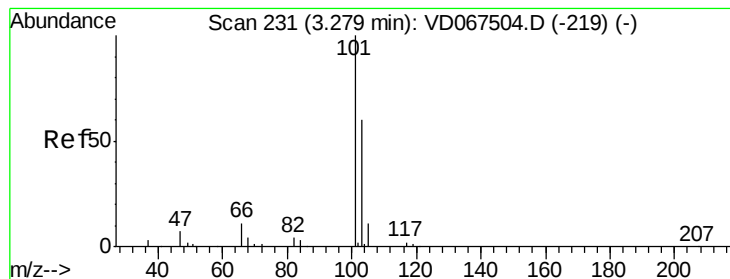
66 33.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

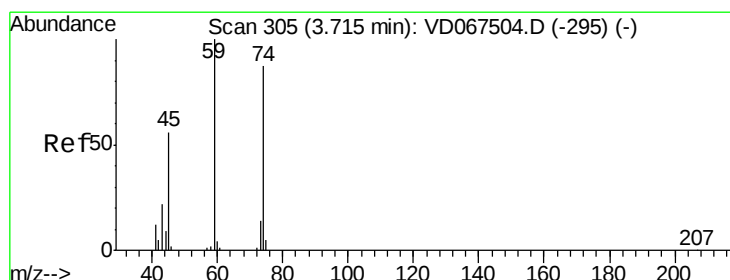
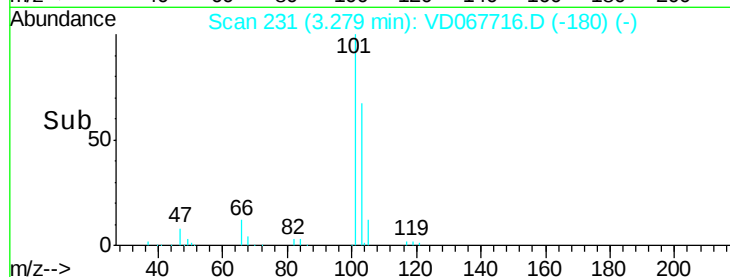
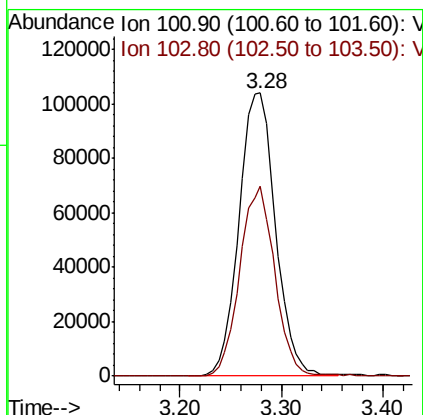
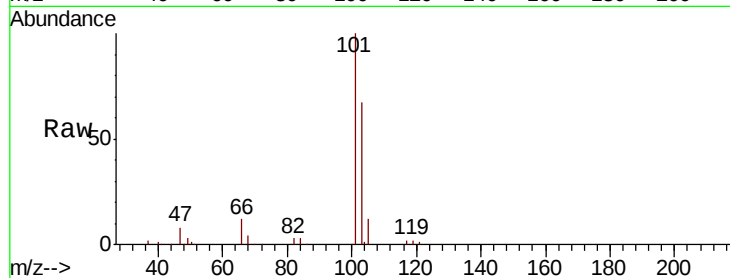
Trichlorofluoromethane
 Concen: 53.019 ug/l
 RT: 3.28 min Scan# 231
 Delta R.T. -0.00 min
 Lab File: VD067716.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	48.1	72.1

Manual Integrations
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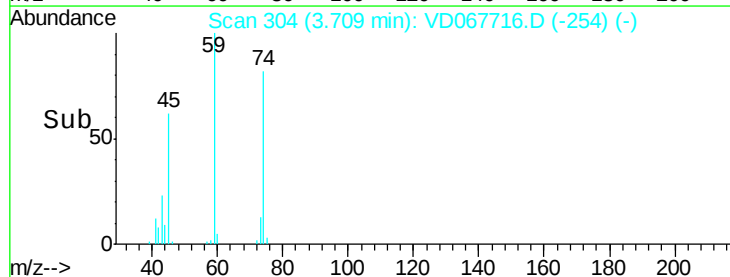
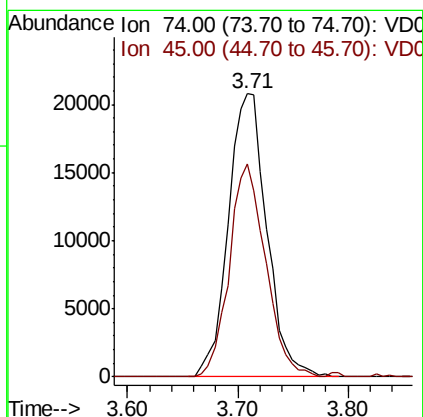
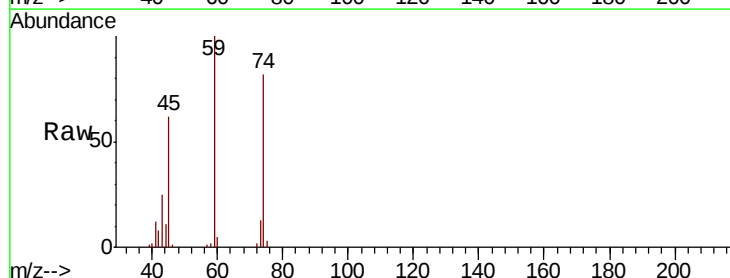
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 11/23/2020 1:41:26 PM

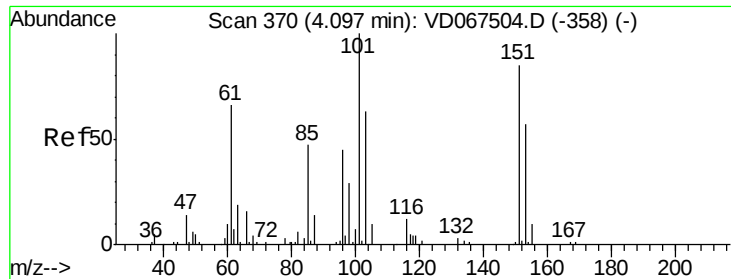


#8

Diethyl Ether
 Concen: 51.379 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	70.9	38.2	114.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.898 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

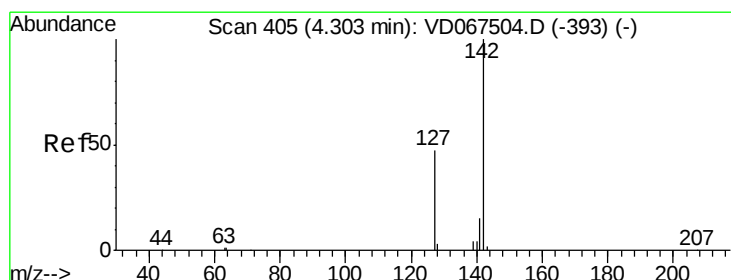
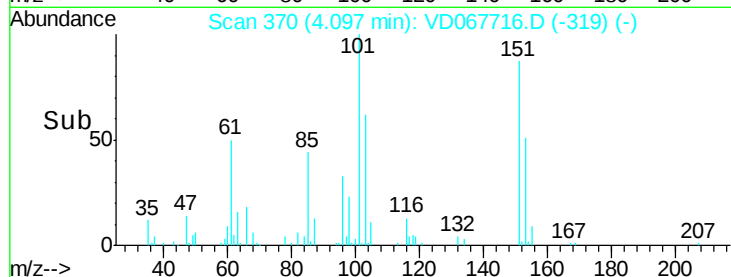
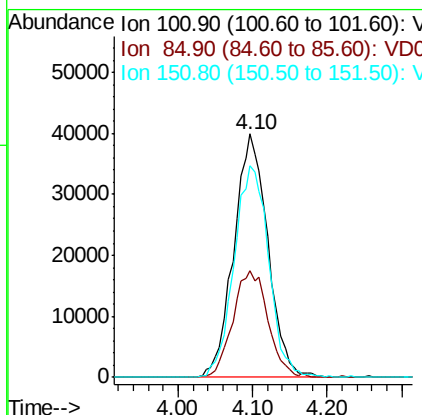
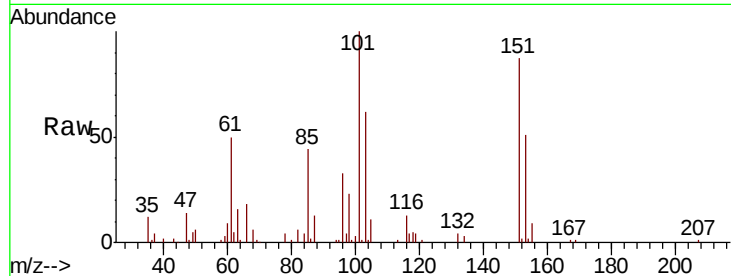
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	126019
Ion Ratio	Lower	Upper	
101	100		
85	45.2	34.4	51.6
151	88.7	68.1	102.1

Manual Integrations
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#10

Methyl Iodide

Concen: 52.954 ug/l

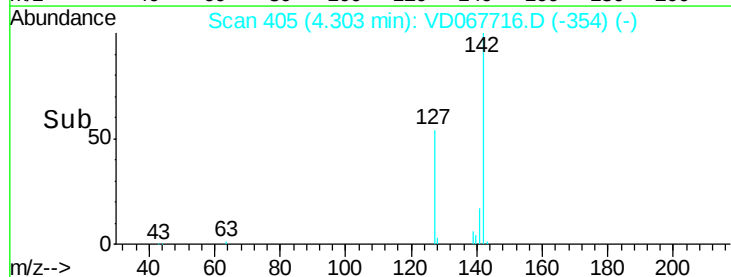
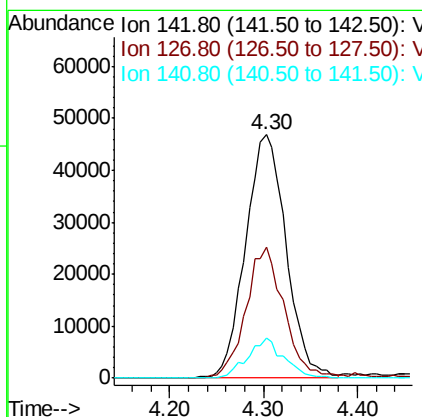
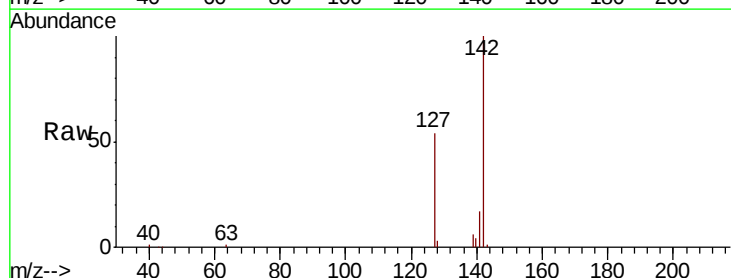
RT: 4.30 min Scan# 405

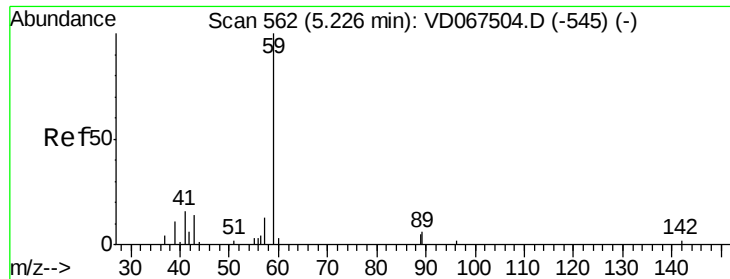
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	142	Resp:	140521
Ion Ratio	Lower	Upper	
142	100		
127	50.3	40.0	60.0
141	14.6	11.7	17.5





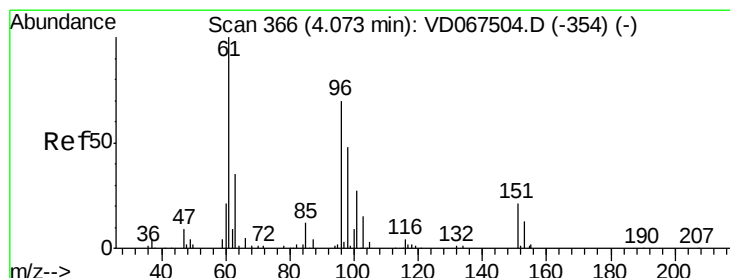
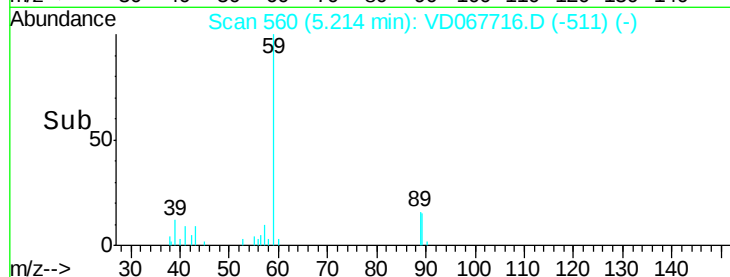
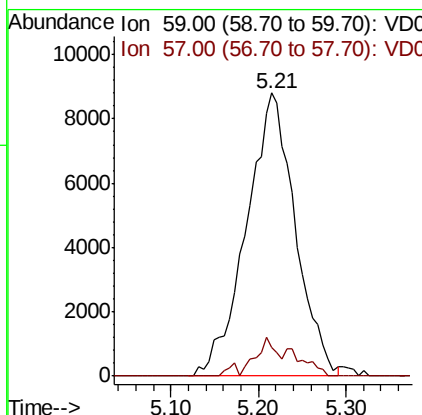
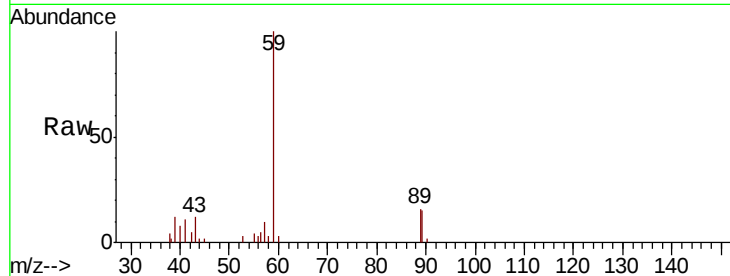
#11
Tert butyl alcohol
Concen: 335.901 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 33822
Ion Ratio Lower Upper
59 100
57 5.8 5.9 8.9#

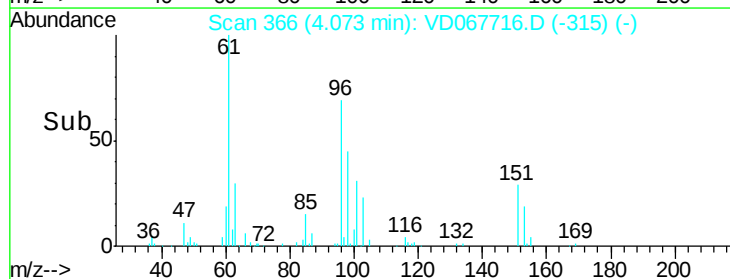
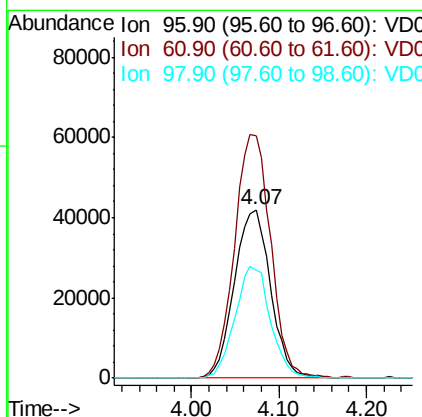
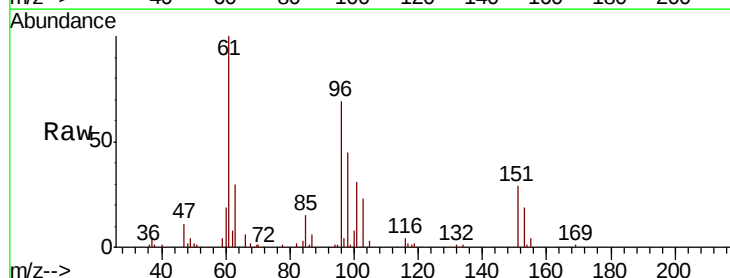
Manual Integrations
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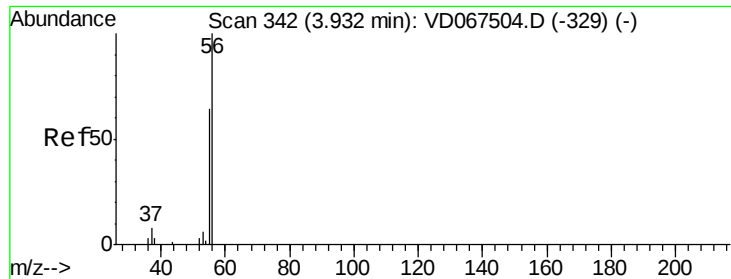
MMDadoda
11/23/2020 1:41:26 PM



#12
1,1-Dichloroethene
Concen: 51.643 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 96 Resp: 117613
Ion Ratio Lower Upper
96 100
61 144.2 114.5 171.7
98 64.4 54.5 81.7





#13

Acrolein

Concen: 214.652 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22252

Ion Ratio Lower Upper

56 100

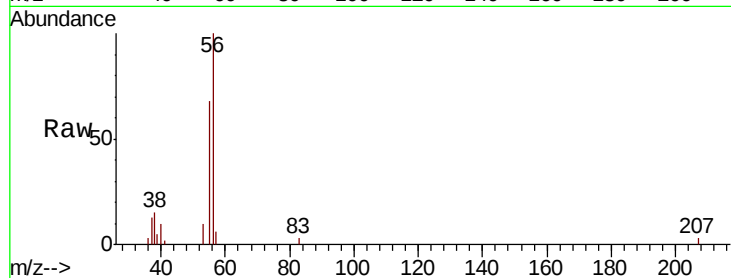
55 68.8 55.8 83.8

Manual Integrations

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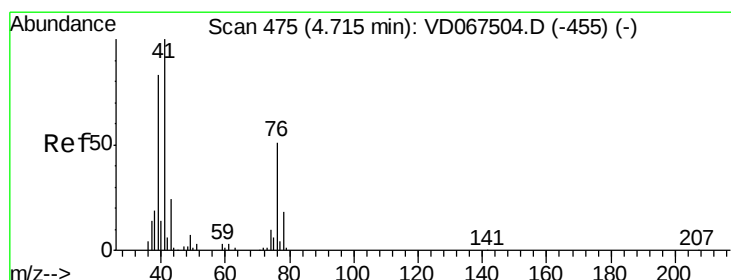
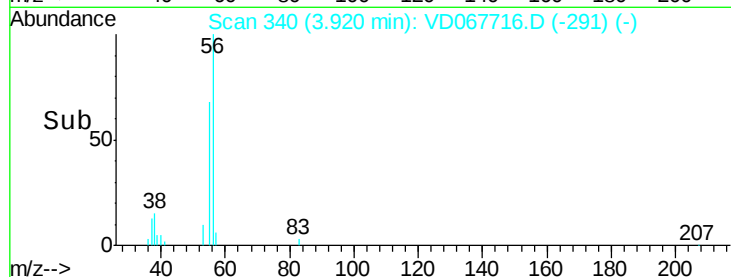
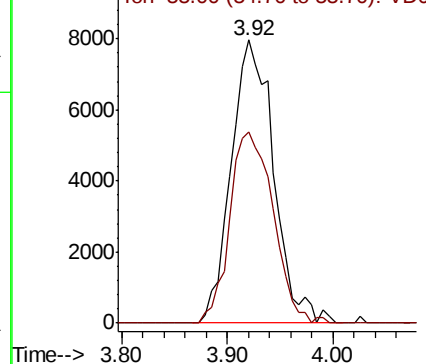
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.323 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

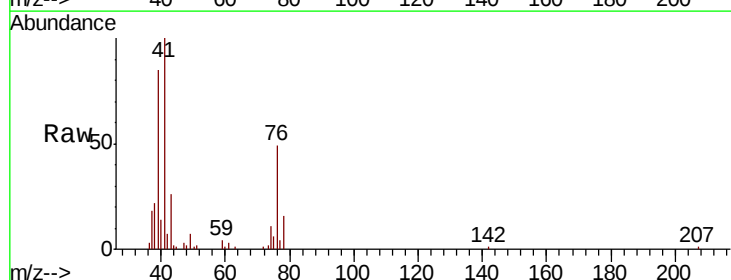
Tgt Ion: 41 Resp: 120220

Ion Ratio Lower Upper

41 100

39 91.4 67.4 101.0

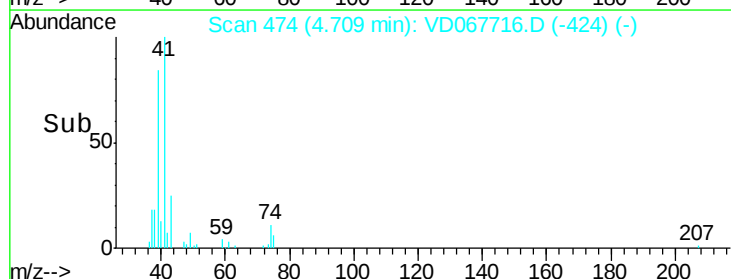
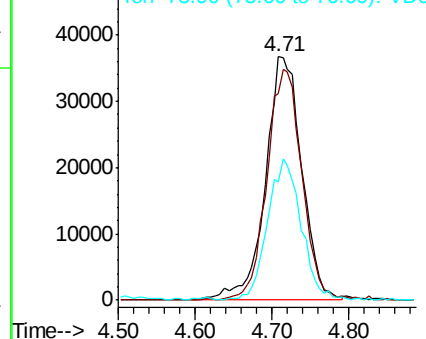
76 53.7 42.2 63.2

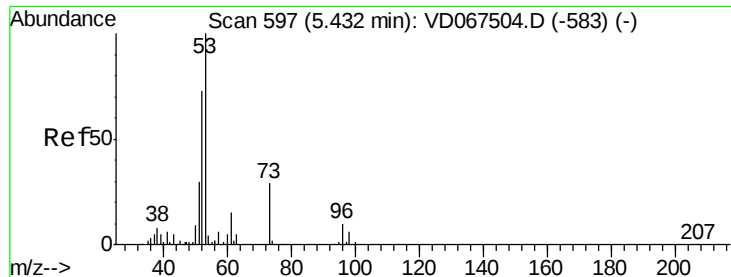


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 255.631 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

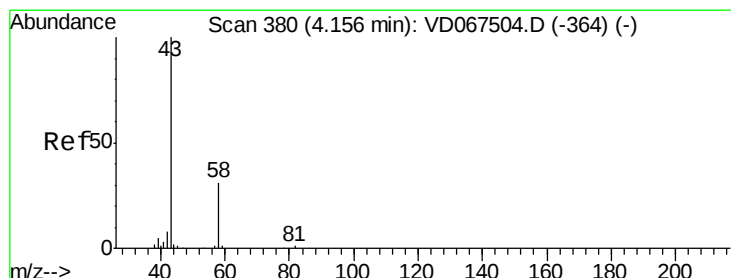
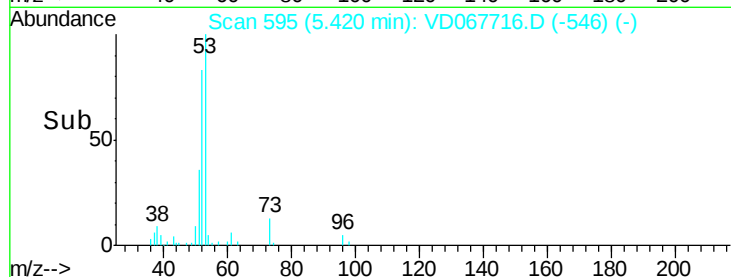
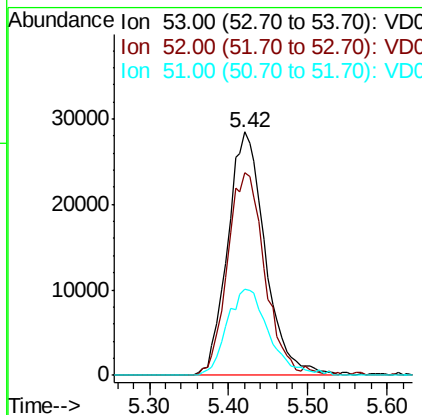
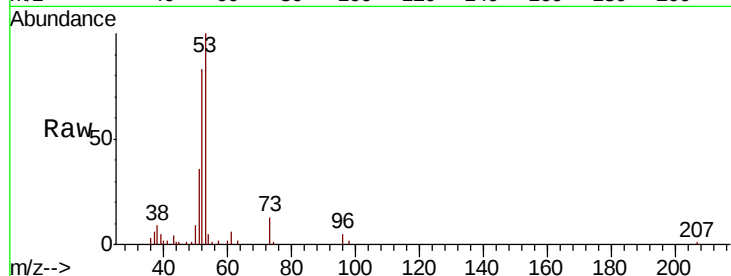
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	93395
Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.8	97.2
51	39.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 294.090 ug/l

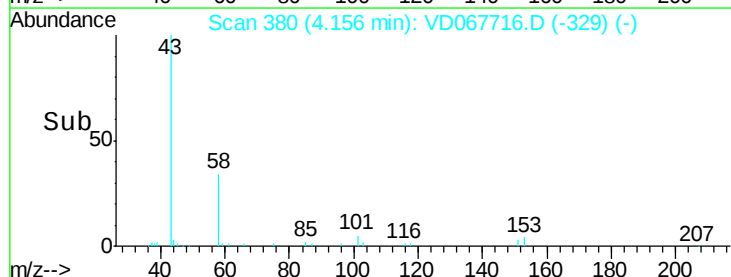
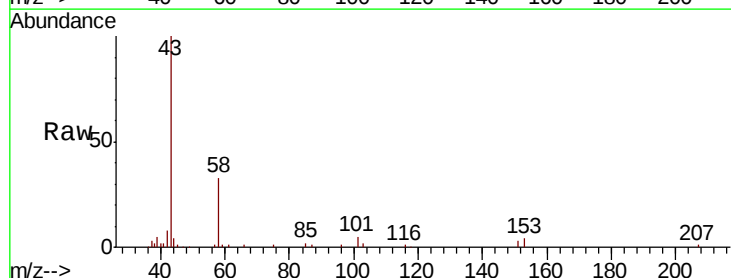
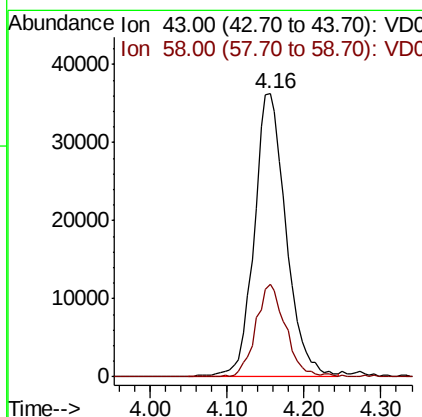
RT: 4.16 min Scan# 380

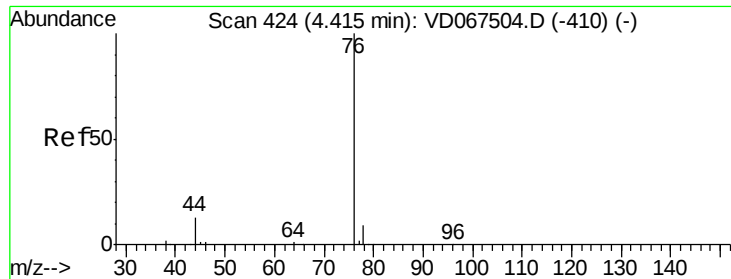
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	43	Resp:	104998
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.2	37.8





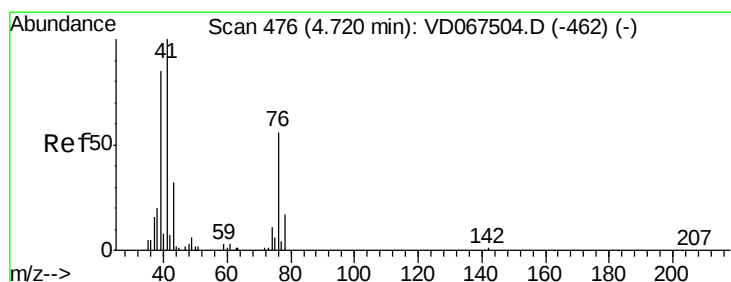
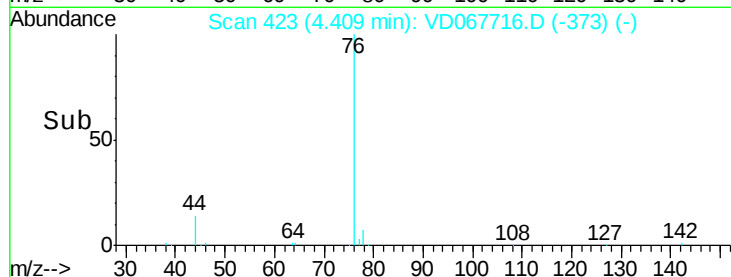
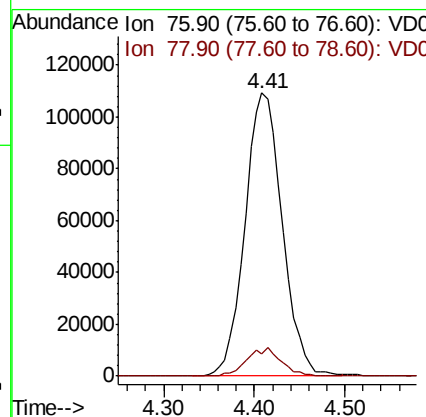
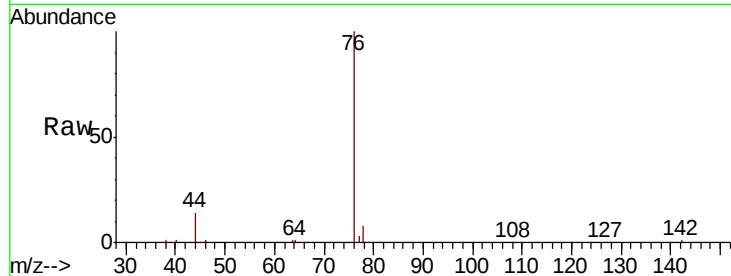
#17
Carbon Disulfide
Concen: 44.698 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.2	10.8

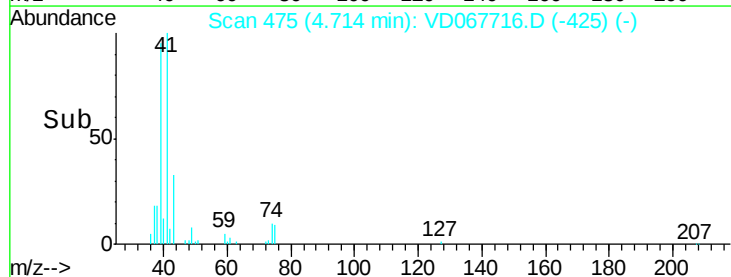
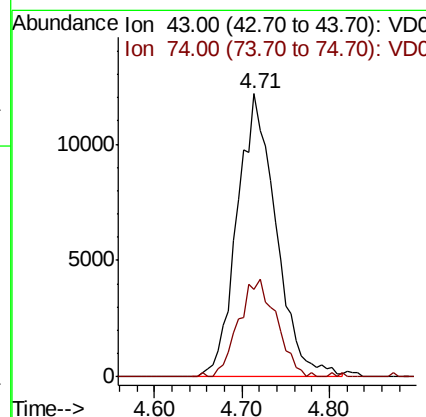
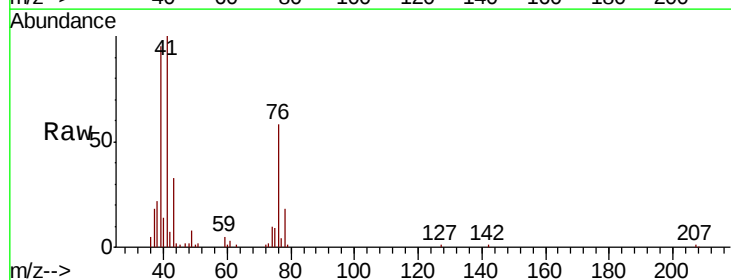
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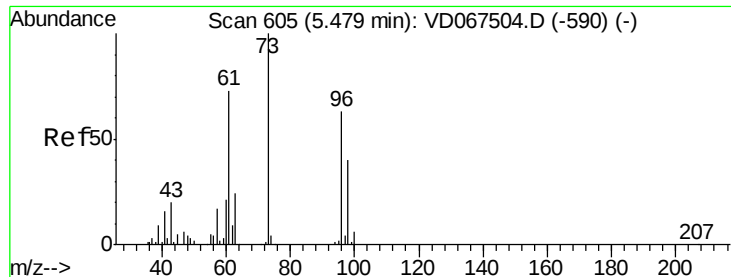
MMDadoda
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#18
Methyl Acetate
Concen: 49.936 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	33.5	27.2	40.8





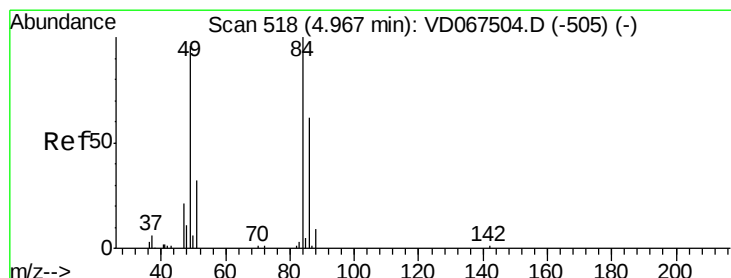
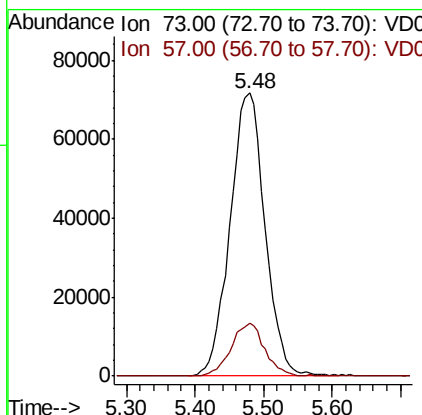
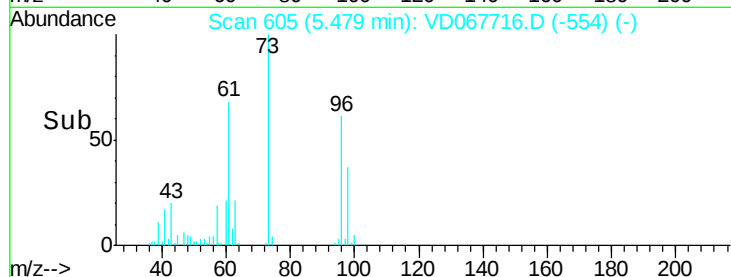
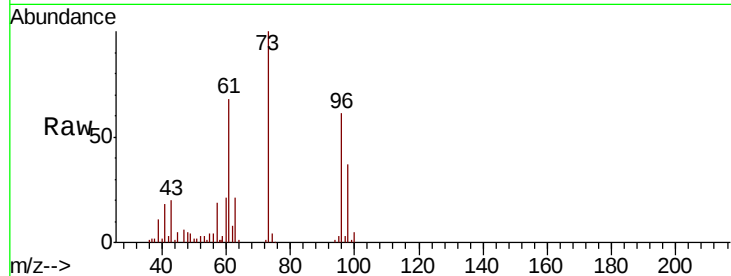
#19
Methyl tert-butyl Ether
Concen: 56.382 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 253280
Ion Ratio Lower Upper
73 100
57 18.8 13.4 20.0

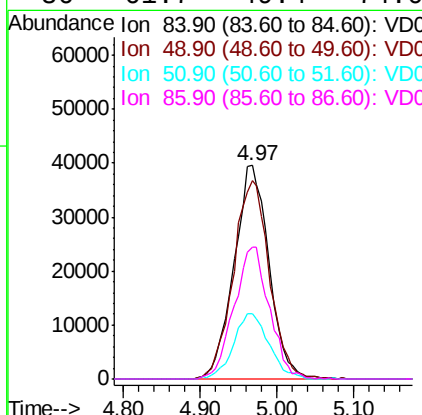
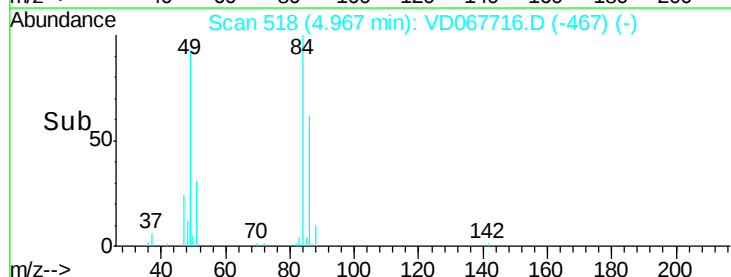
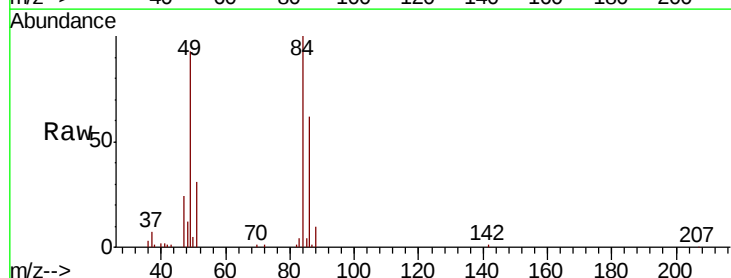
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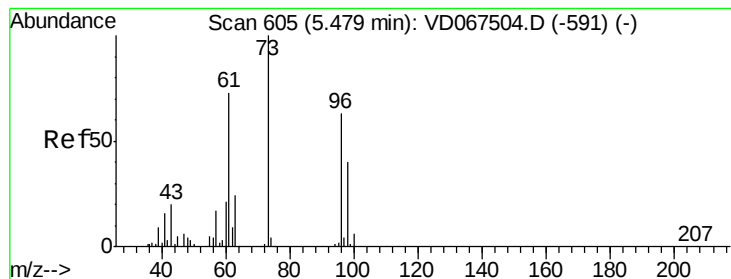
MMDadoda
11/23/2020 1:41:26 PM



#20
Methylene Chloride
Concen: 49.929 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 84 Resp: 125920
Ion Ratio Lower Upper
84 100
49 93.1 77.0 115.4
51 30.6 25.4 38.2
86 61.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 50.666 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

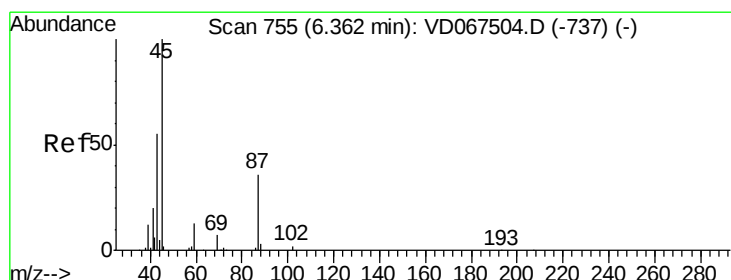
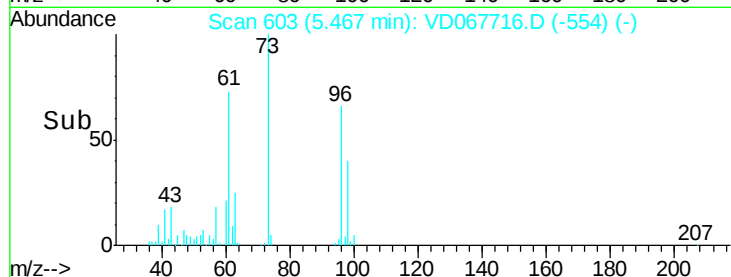
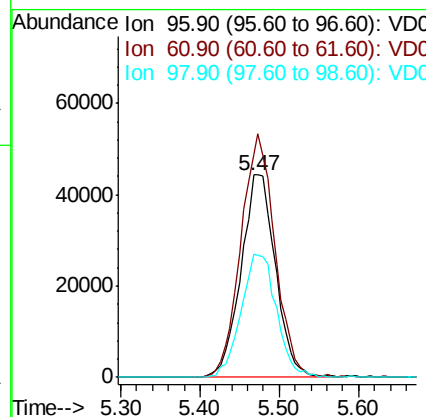
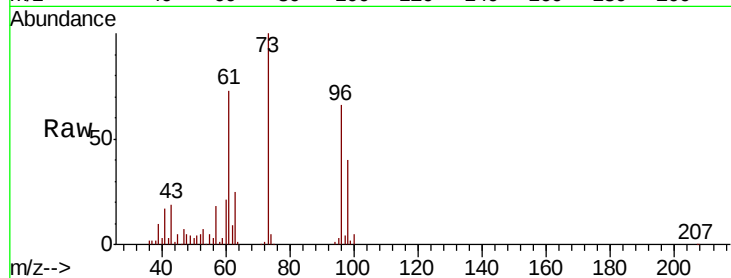
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	134396
Ion	Ratio	Lower	Upper
96	100		
61	110.1	93.0	139.6
98	61.1	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.370 ug/l

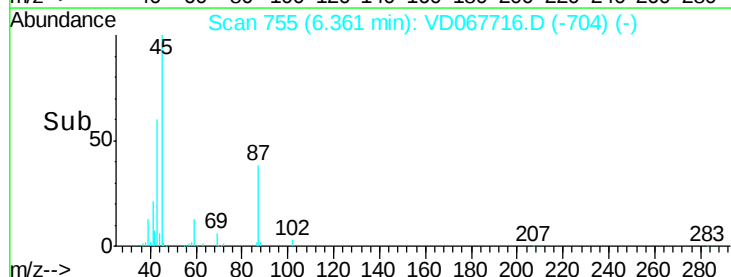
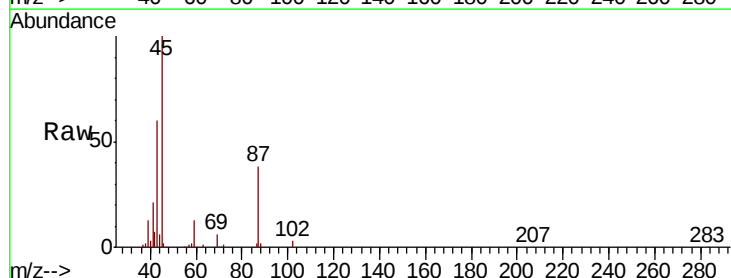
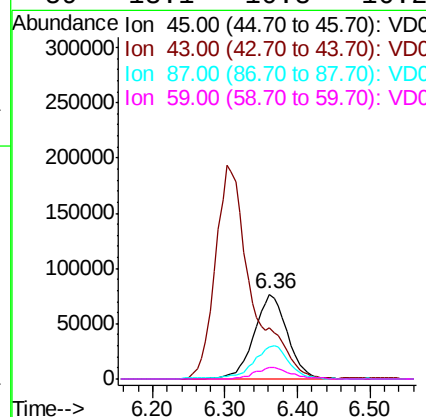
RT: 6.36 min Scan# 755

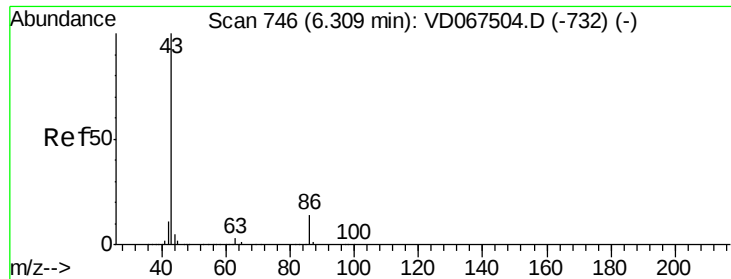
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	45	Resp:	243998
Ion	Ratio	Lower	Upper
45	100		
43	58.9	46.2	69.4
87	37.3	29.4	44.2
59	13.1	10.8	16.2





#23

Vinyl Acetate

Concen: 270.303 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 672050

Ion Ratio Lower Upper

43 100

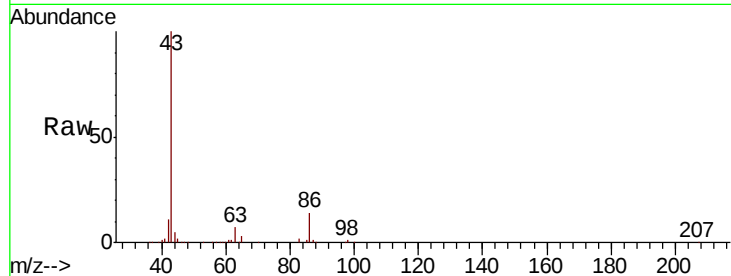
86 14.4 11.6 17.4

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

6.30

200000

150000

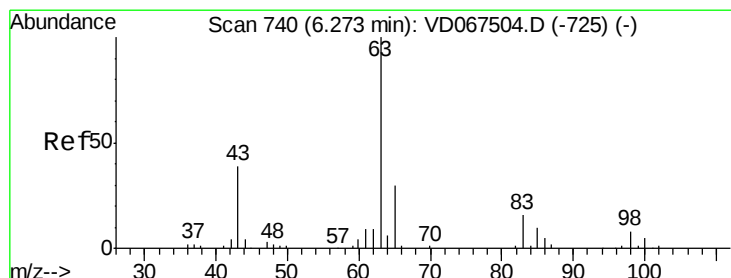
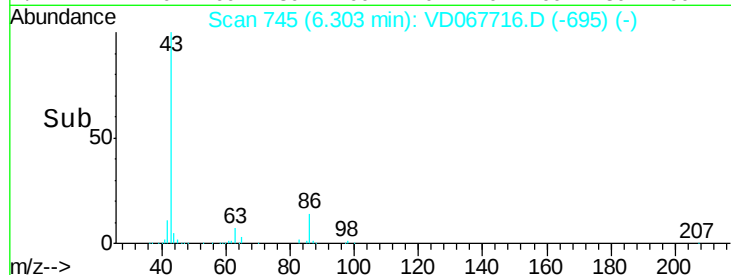
100000

50000

0

6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 50.540 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

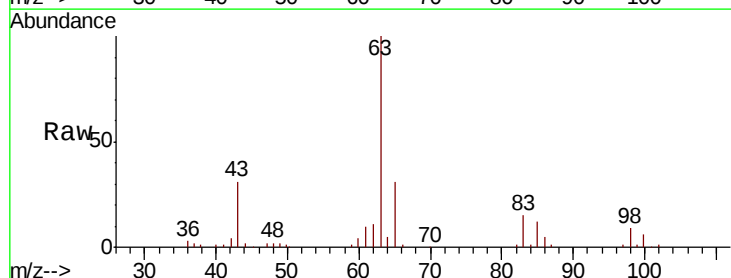
Tgt Ion: 63 Resp: 196387

Ion Ratio Lower Upper

63 100

98 9.5 3.9 11.5

100 5.6 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

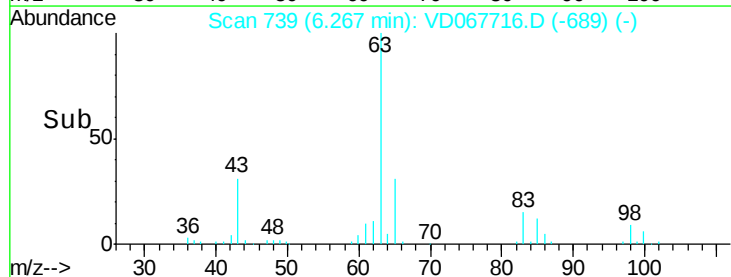
40000

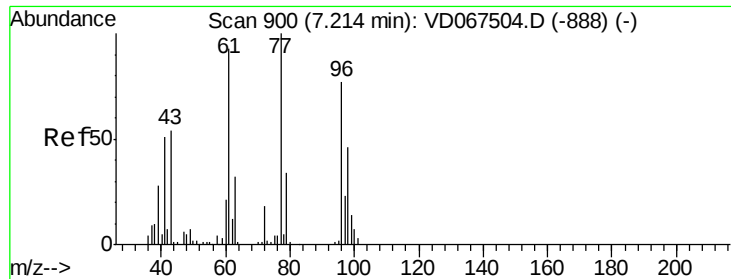
20000

0

6.10 6.20 6.30 6.40

Time-->





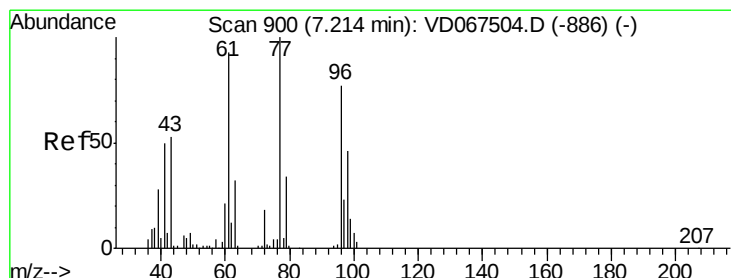
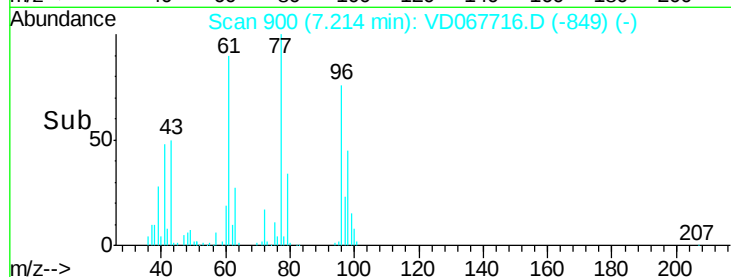
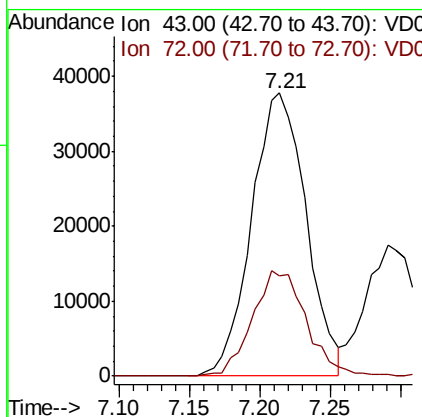
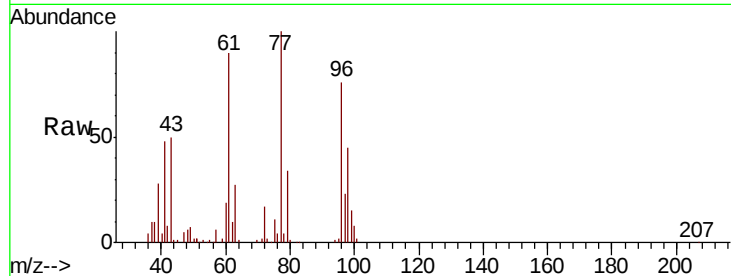
#25
2-Butanone
Concen: 267.567 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 102075
Ion Ratio Lower Upper
43 100
72 35.3 26.4 39.6

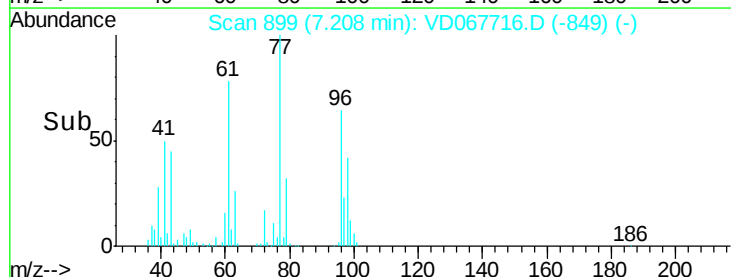
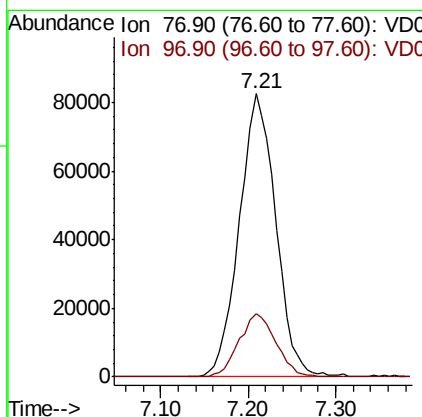
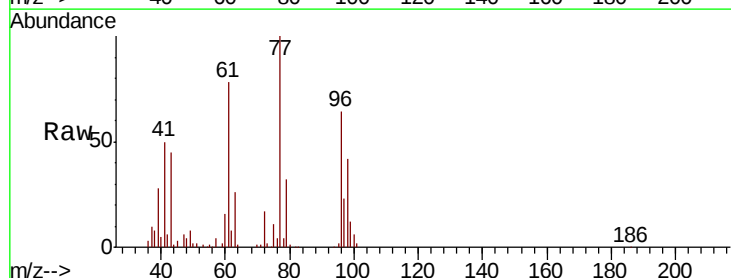
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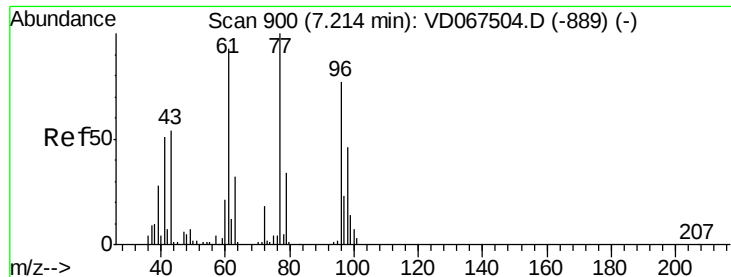
MMDadoda
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#26
2,2-Dichloropropane
Concen: 56.748 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 77 Resp: 232723
Ion Ratio Lower Upper
77 100
97 22.7 11.1 33.3





#27

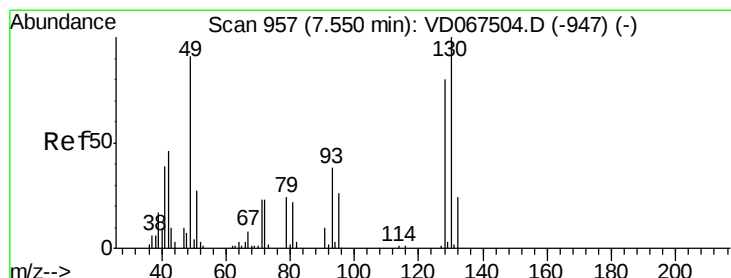
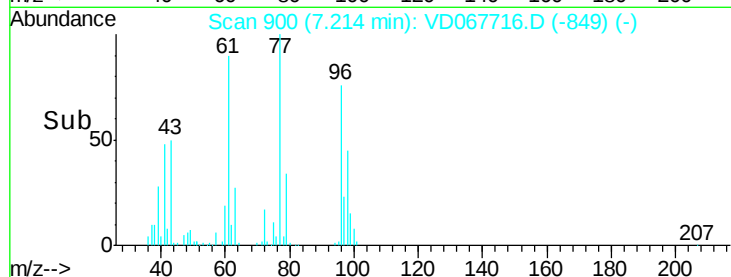
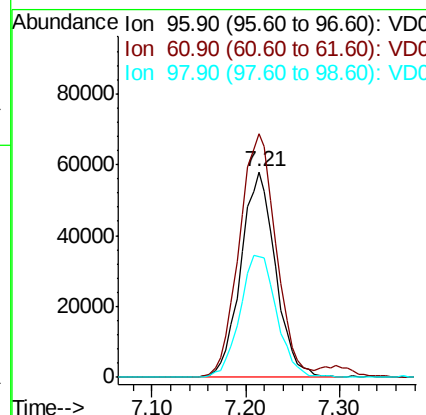
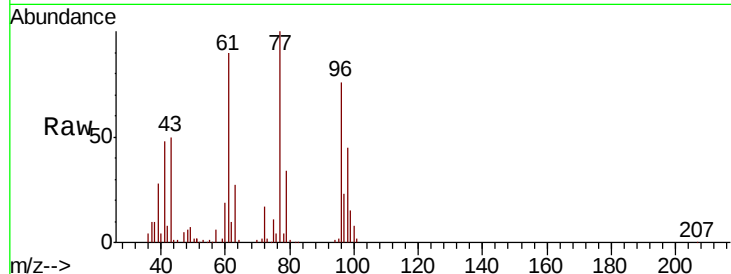
cis-1,2-Dichloroethene
Concen: 53.848 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	125.9	0.0	251.6	
98	62.9	0.0	128.0	

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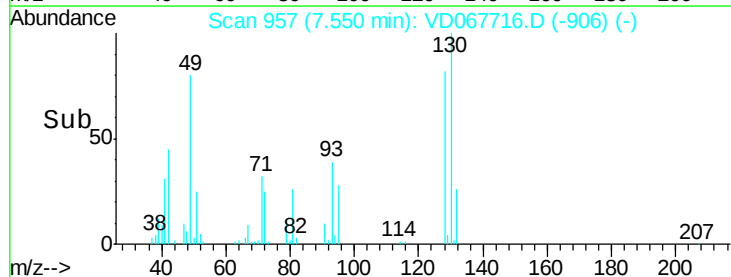
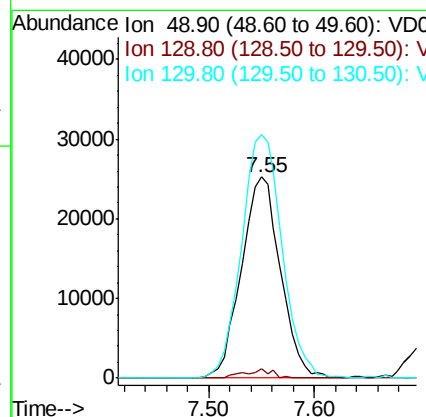
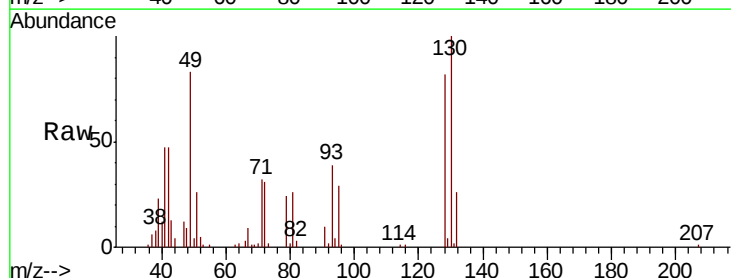
MMDadoda
11/23/2020 1:41:26 PM

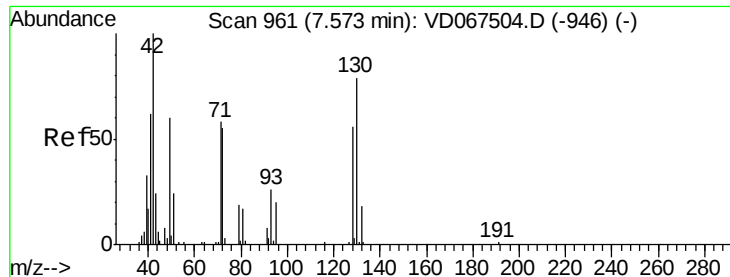


#28

Bromochloromethane
Concen: 46.906 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.2	0.0	6.4	
130	125.8	94.6	142.0	





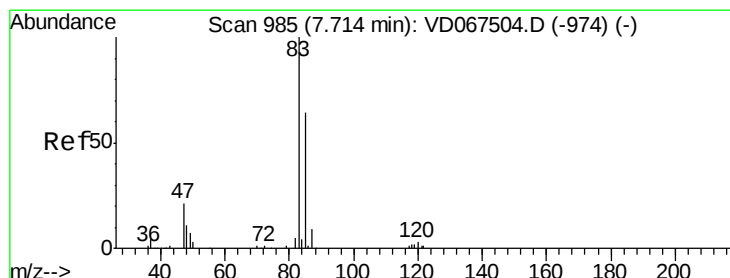
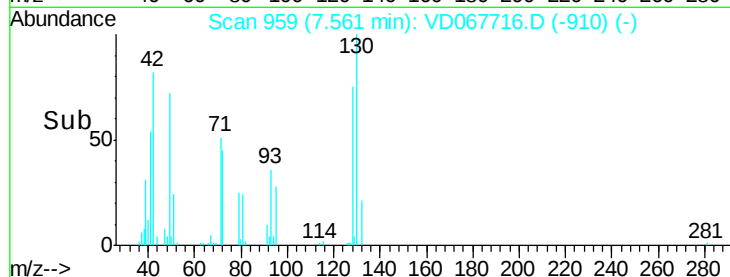
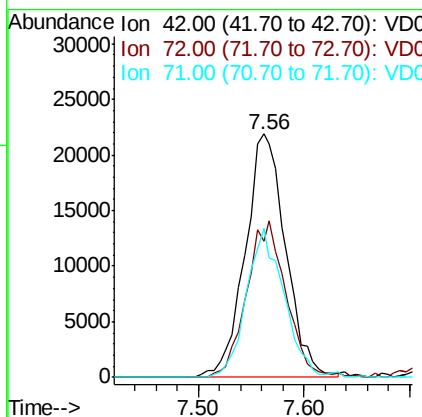
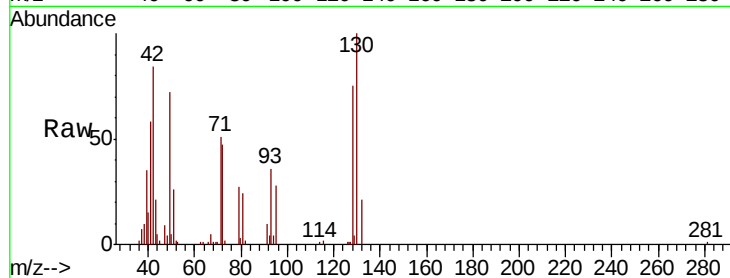
#29
Tetrahydrofuran
Concen: 255.667 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	62.5	46.3	69.5
71	56.3	44.0	66.0

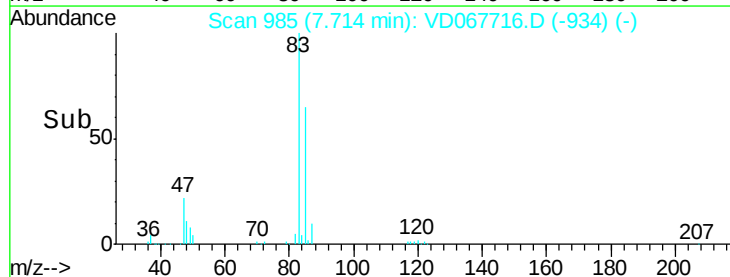
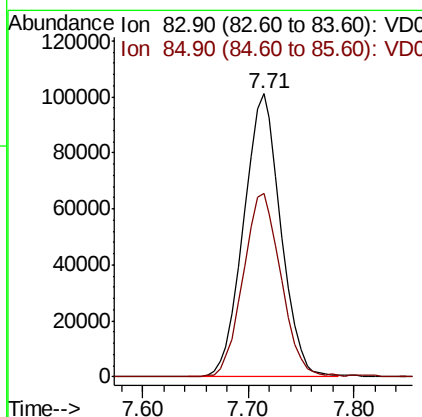
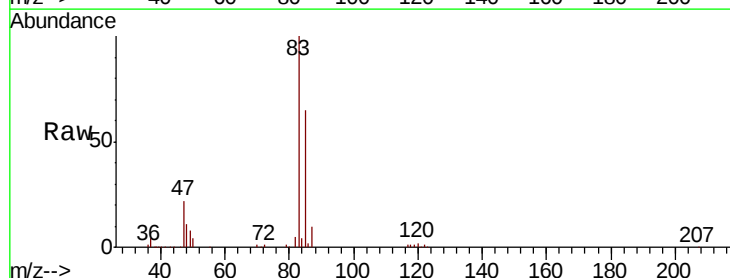
Manual Integrations
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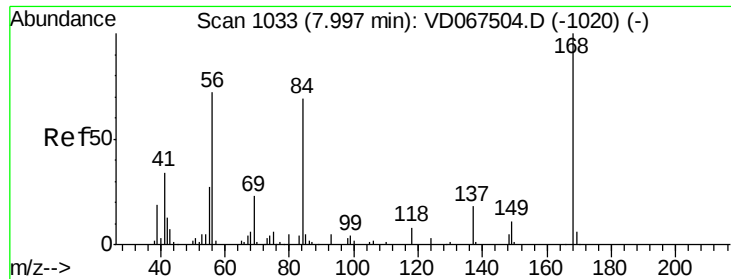
MMDadoda
11/23/2020 1:41:26 PM



#30
Chloroform
Concen: 53.189 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





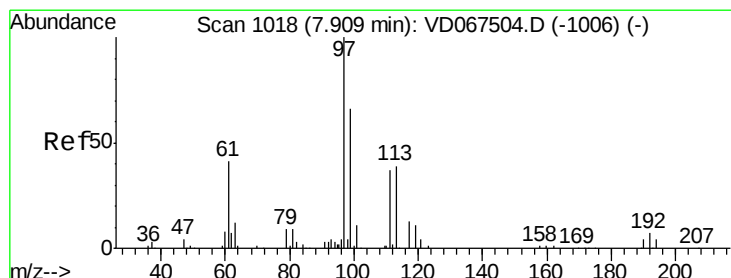
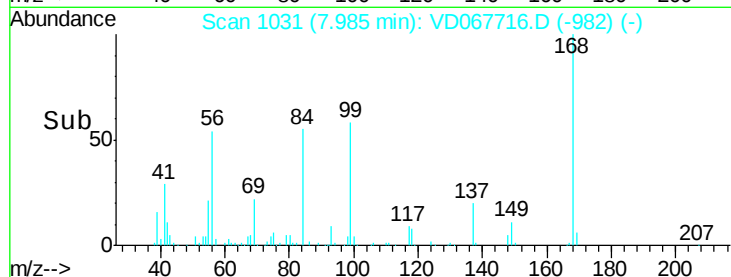
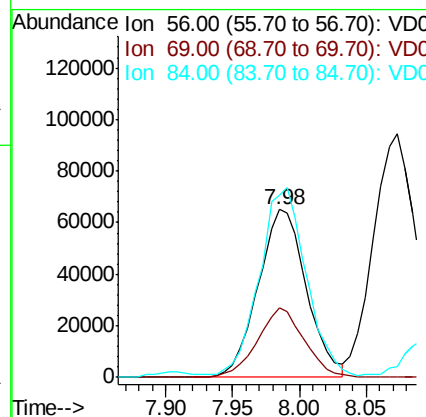
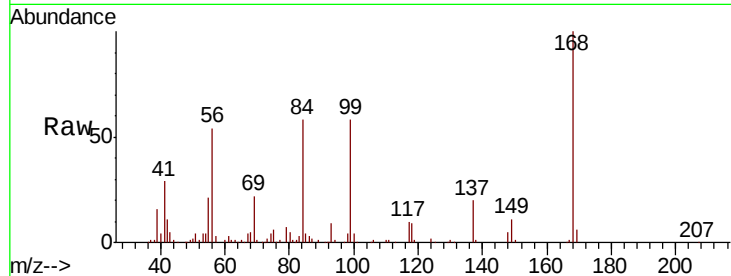
#31
Cyclohexane
Concen: 47.199 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	25.9	38.9#
84	106.2	76.2	114.4

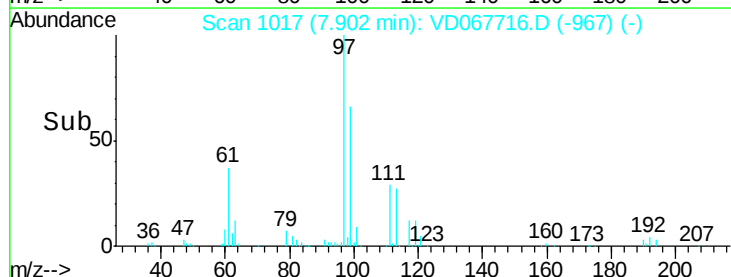
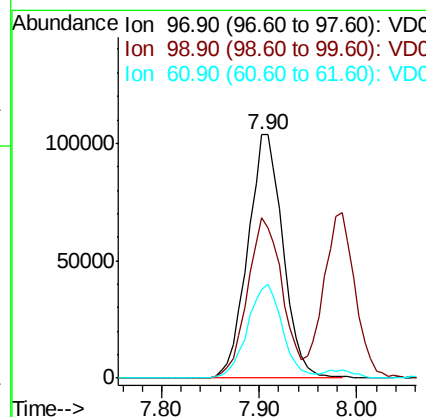
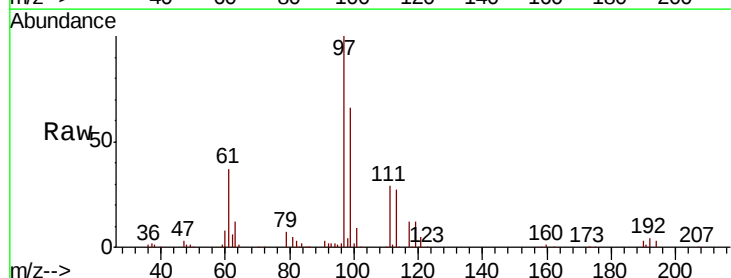
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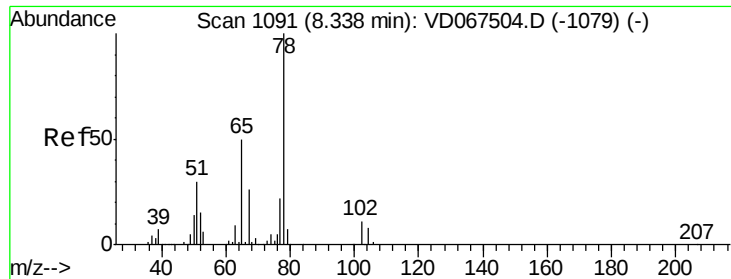
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#32
1,1,1-Trichloroethane
Concen: 54.423 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.6
61	38.3	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 46.127 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 110052

Ion Ratio Lower Upper

65 100

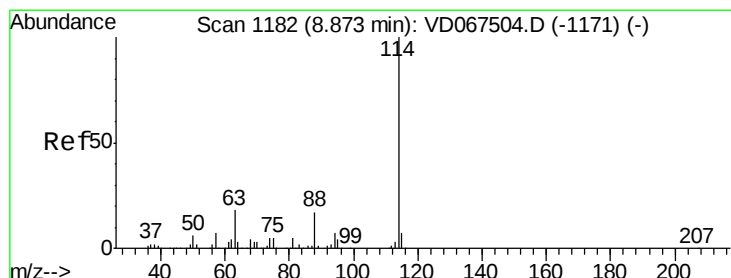
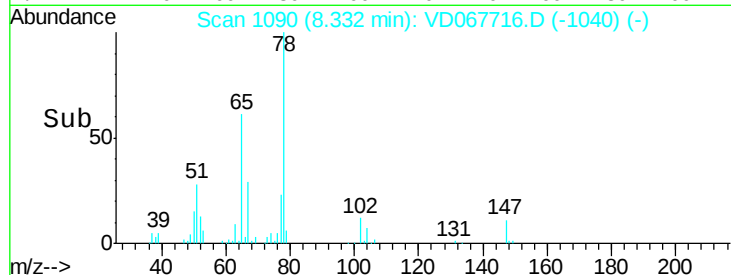
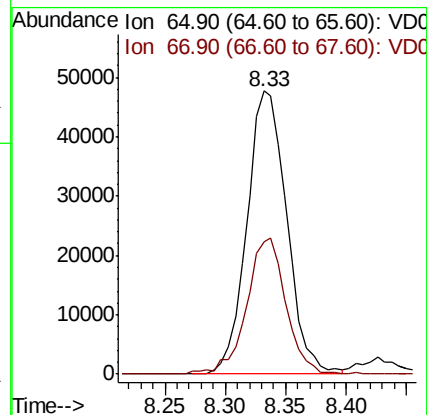
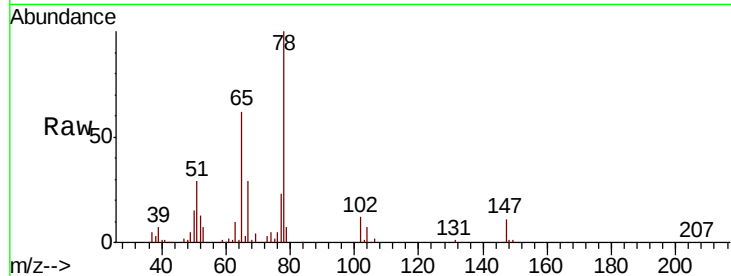
67 47.4 0.0 99.4

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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: VD067716.D

Acq: 20 Nov 2020 11:03

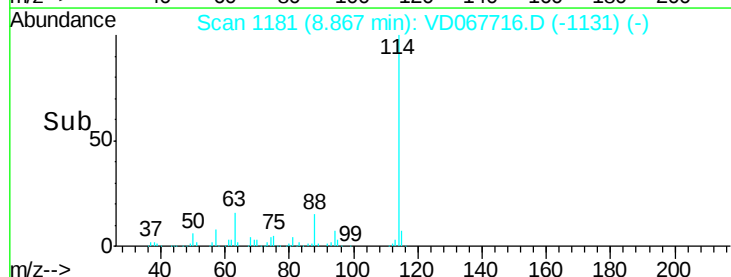
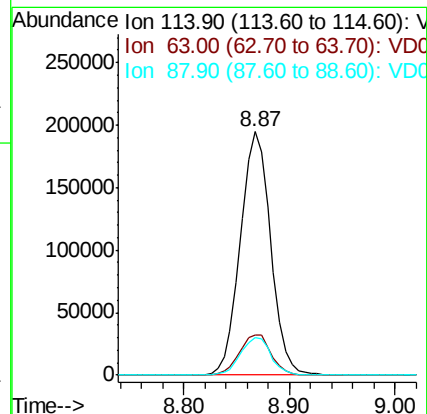
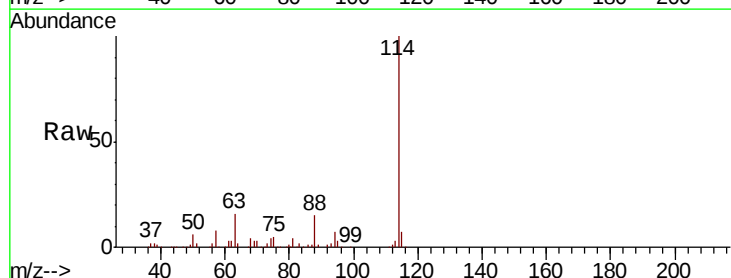
Tgt Ion: 114 Resp: 388244

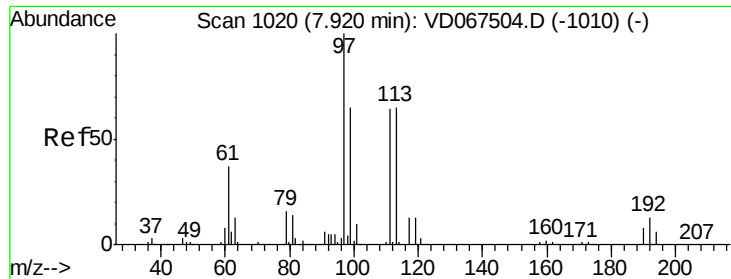
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 15.2 0.0 33.0





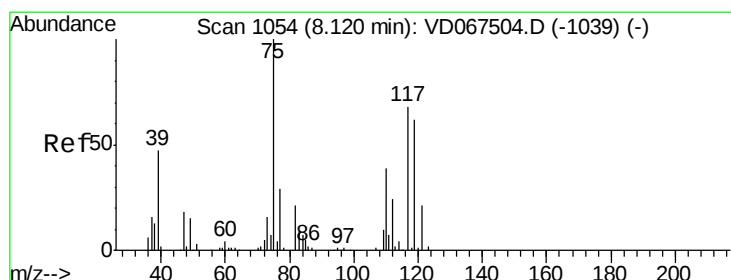
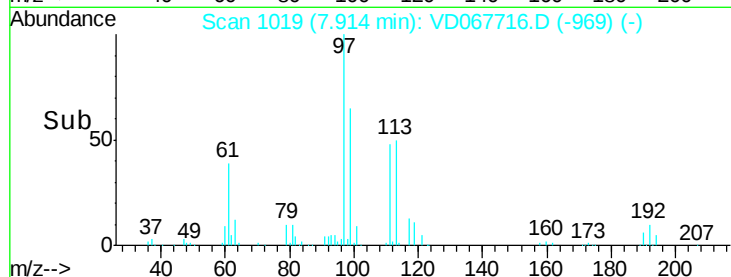
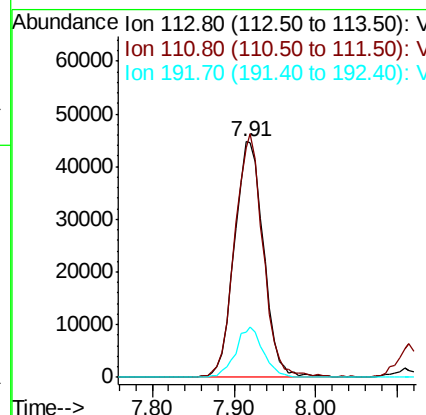
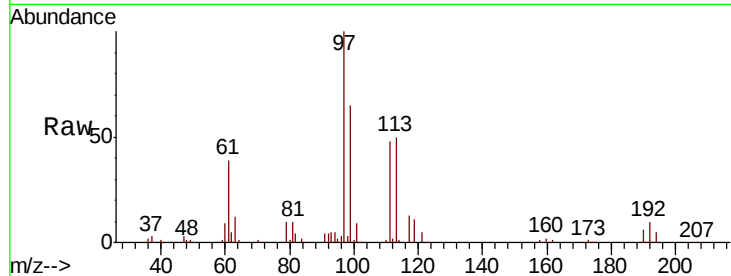
#35
 Dibromofluoromethane
 Concen: 47.414 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110908		
111	100.0	80.0	120.0	
192	20.0	16.3	24.5	

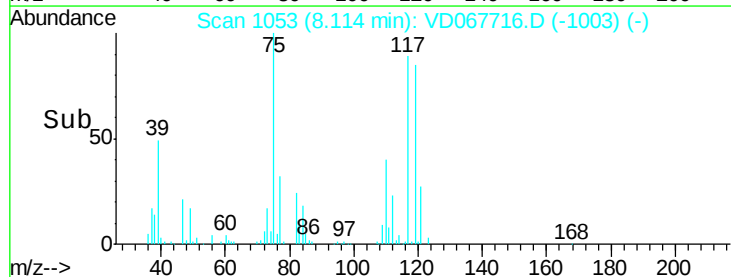
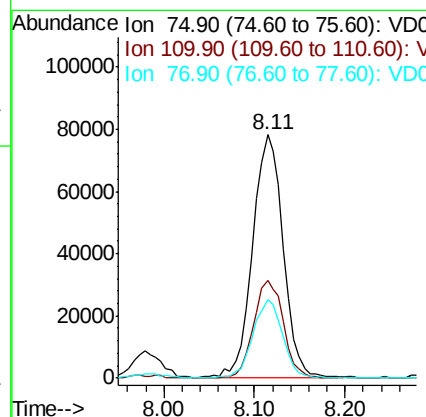
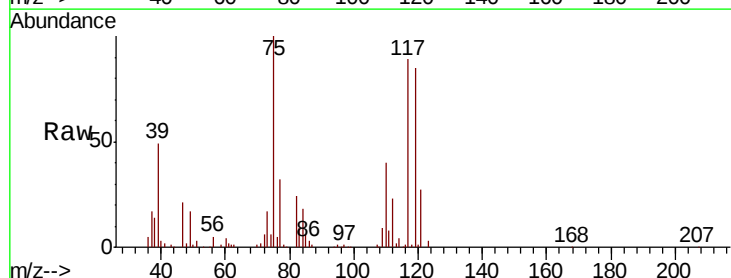
Manual Integrations
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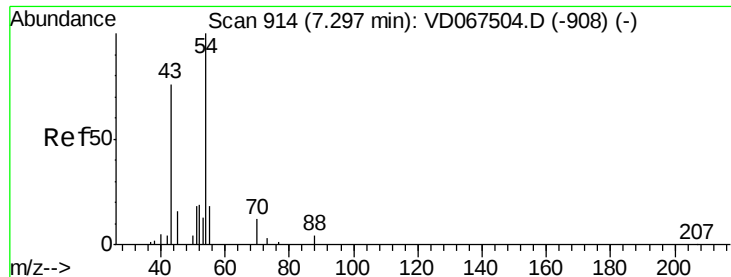
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#36
 1,1-Dichloropropene
 Concen: 54.765 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	182002		
110	39.2	19.9	59.7	
77	31.9	24.8	37.2	





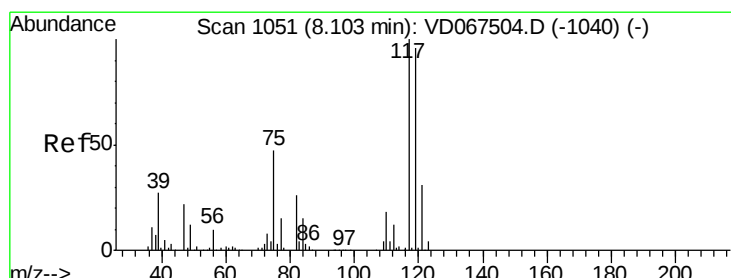
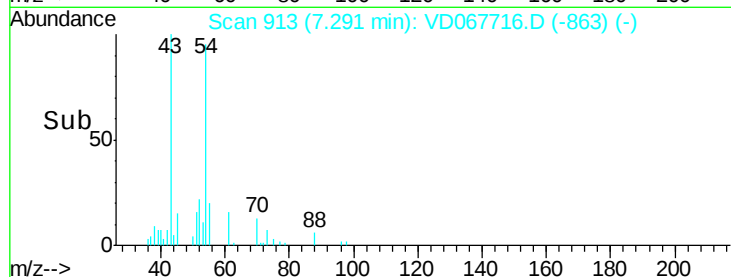
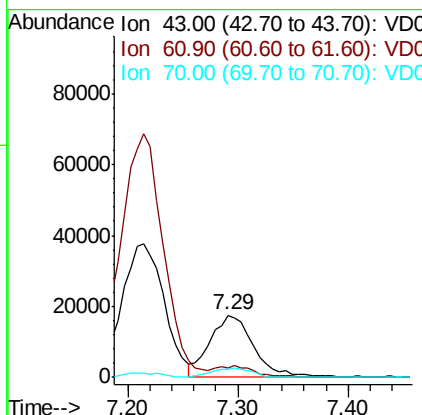
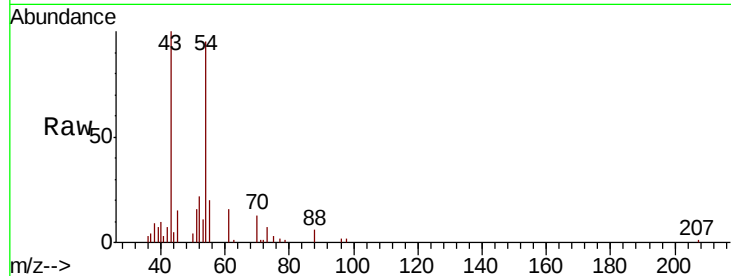
#37
Ethyl Acetate
Concen: 55.974 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	12.8	19.2
70	13.6	11.7	17.5

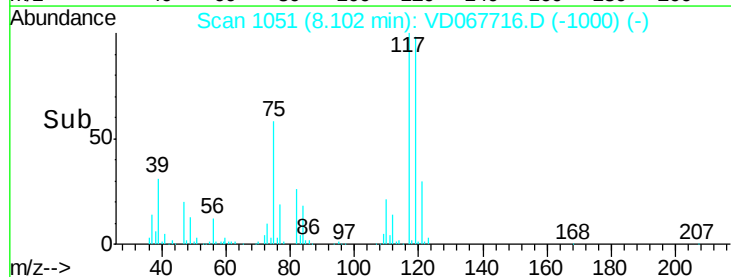
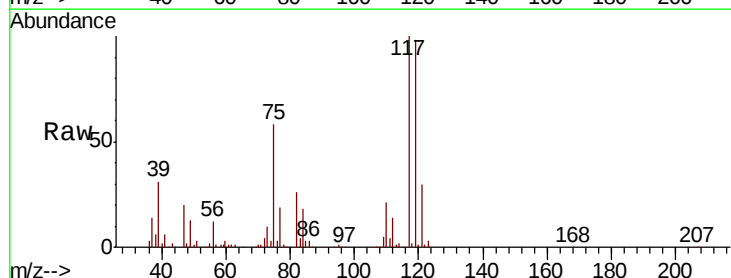
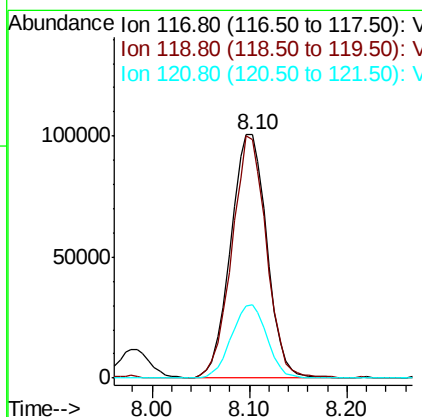
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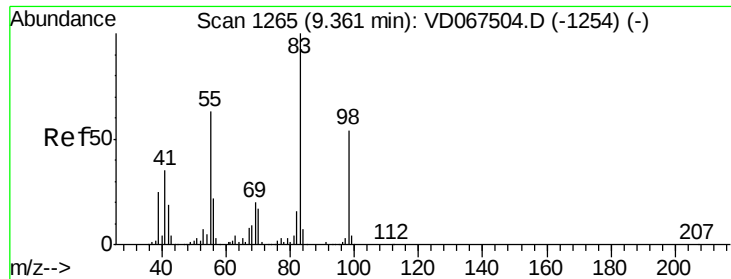
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#38
Carbon Tetrachloride
Concen: 60.122 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.9	115.3
121	30.1	24.5	36.7





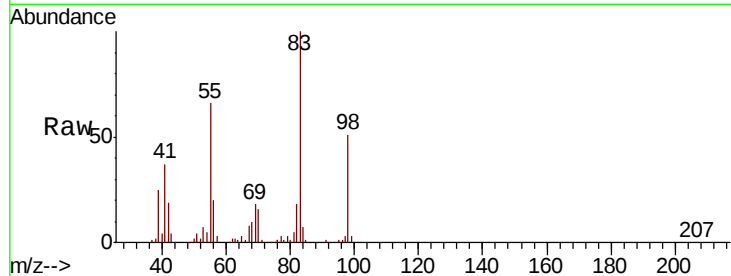
#39
Methvlcvclohexane
Concen: 55.723 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

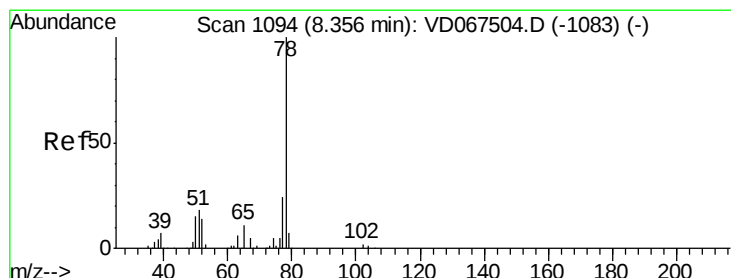
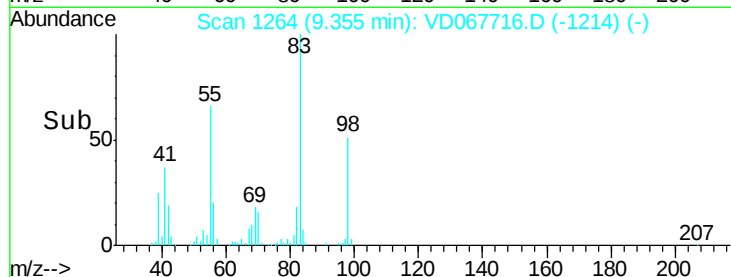
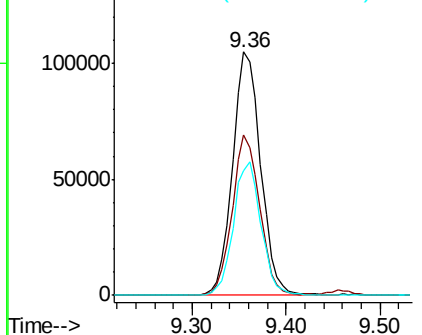
Tot Ion	Ratio	Resp	Lower	Upper
83	100	217959		
55	66.0		50.5	75.7
98	51.1		43.4	65.0

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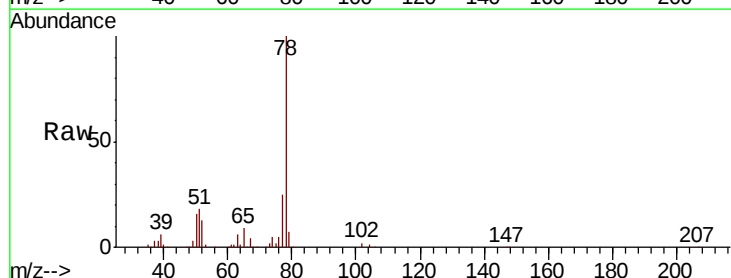


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

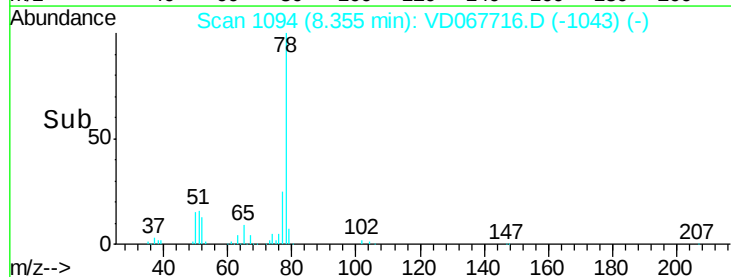
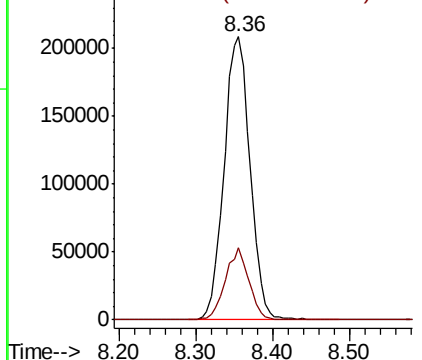


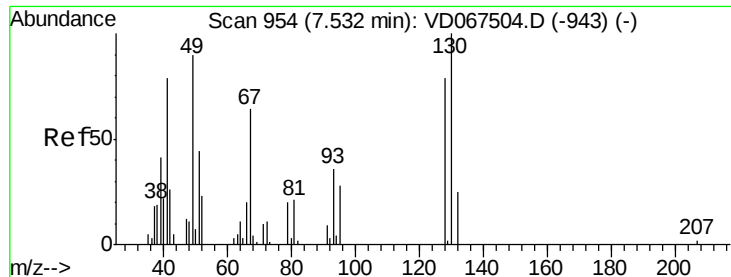
#40
Benzene
Concen: 54.575 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	491291		
77	25.4		19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 43.453 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 22410

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.9 118.3#

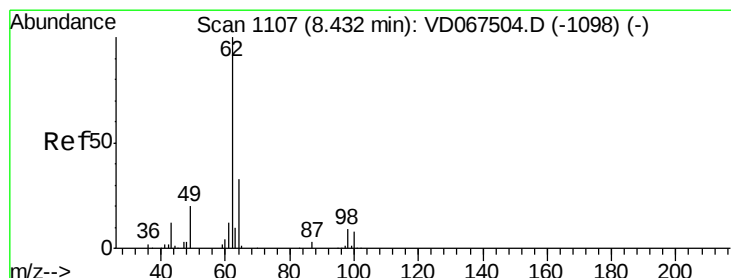
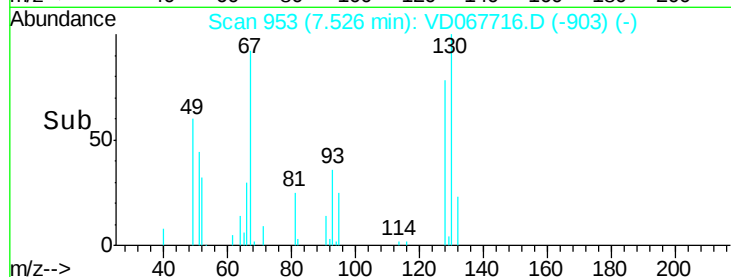
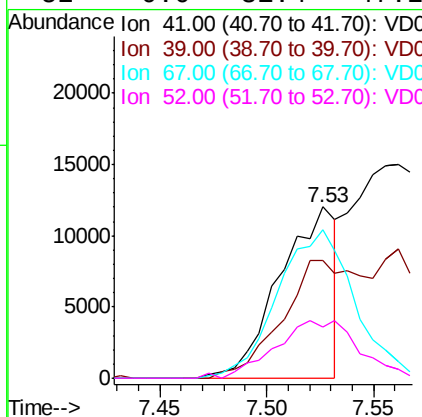
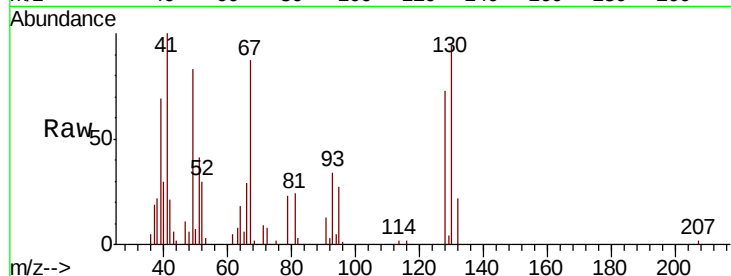
52 0.0 31.4 47.2#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 55.927 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VD067716.D

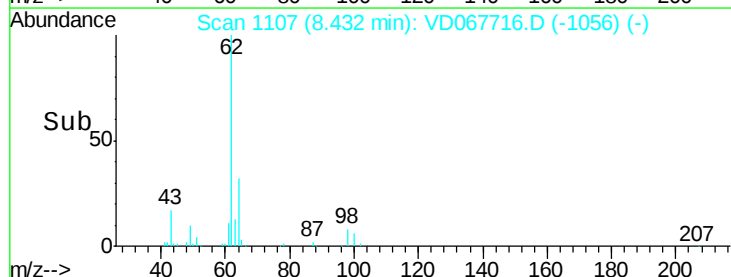
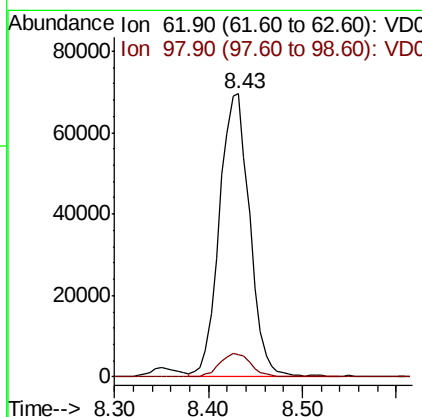
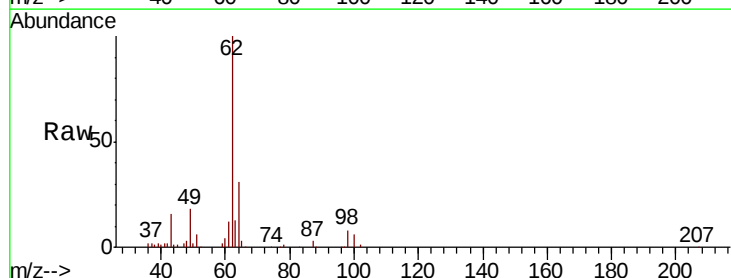
Acq: 20 Nov 2020 11:03

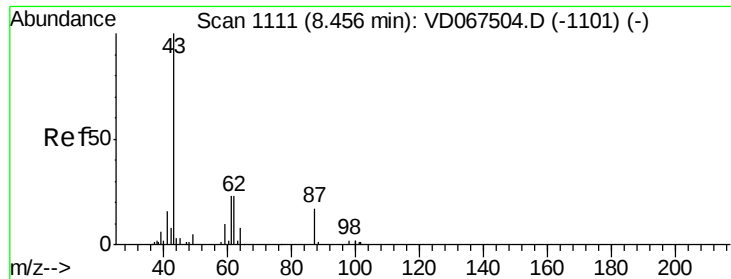
Tgt Ion: 62 Resp: 155552

Ion Ratio Lower Upper

62 100

98 8.5 0.0 19.8





#43

Isopropyl Acetate

Concen: 55.334 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

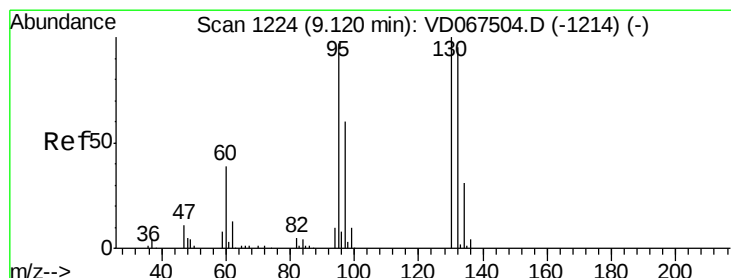
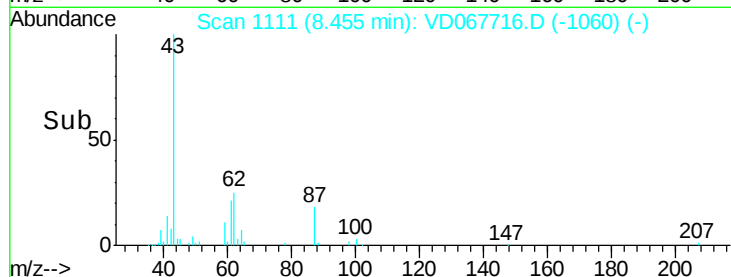
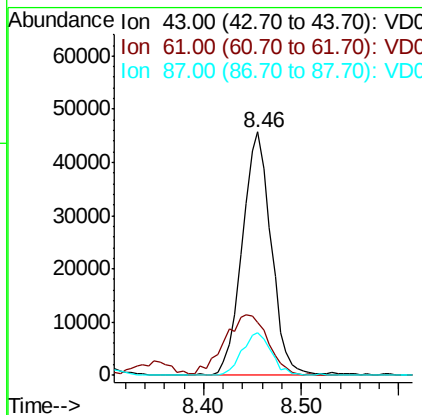
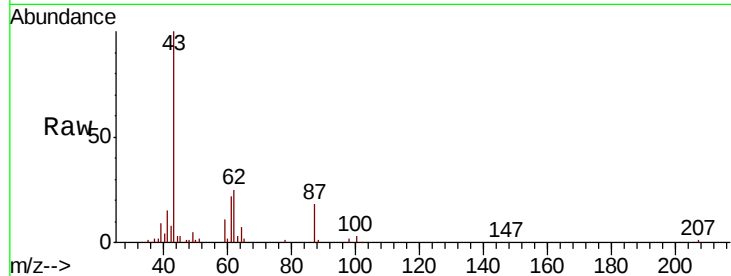
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	94418
Ion	Ratio	Lower	Upper
43	100		
61	37.4	30.5	45.7
87	17.6	14.7	22.1

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#44

Trichloroethene

Concen: 54.810 ug/l

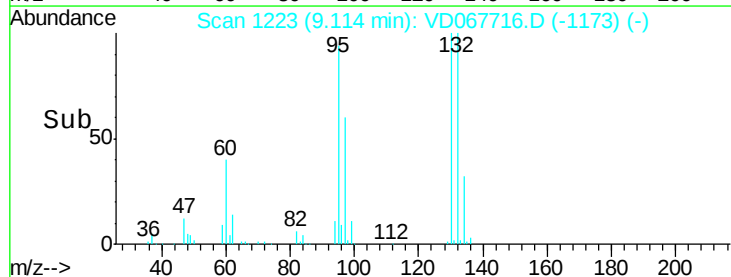
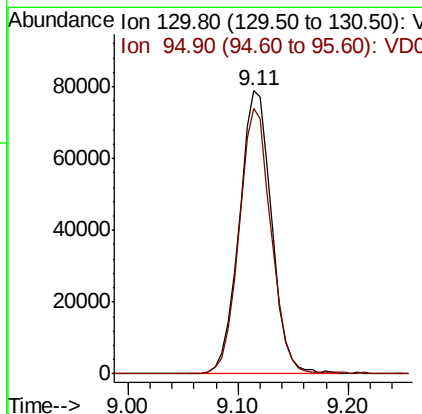
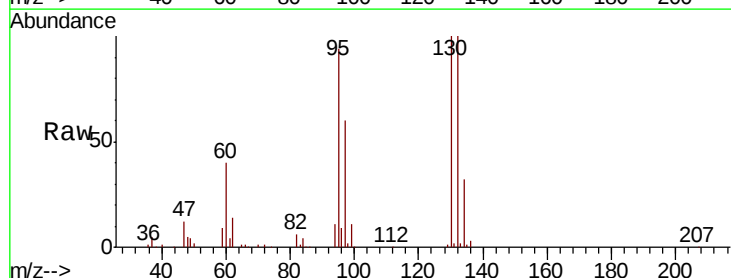
RT: 9.11 min Scan# 1223

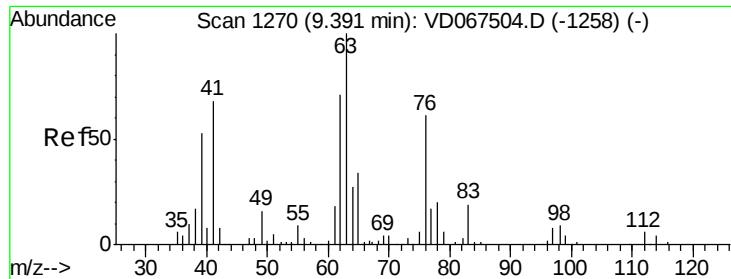
Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	130	Resp:	162233
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	194.4





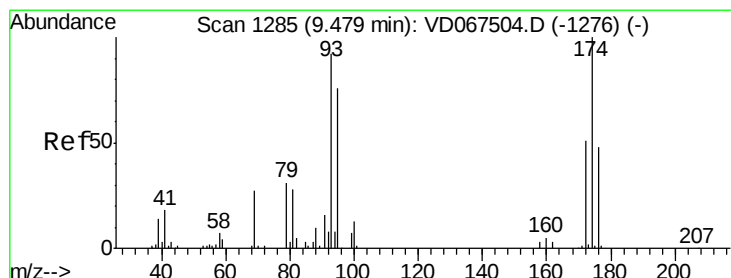
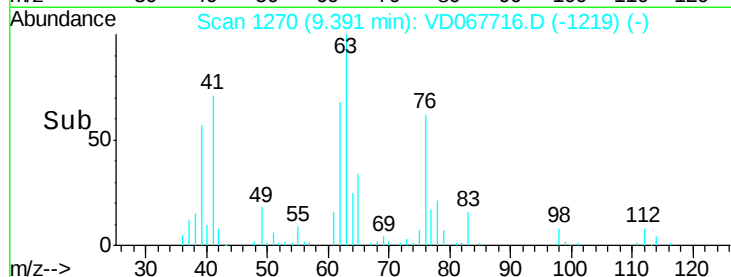
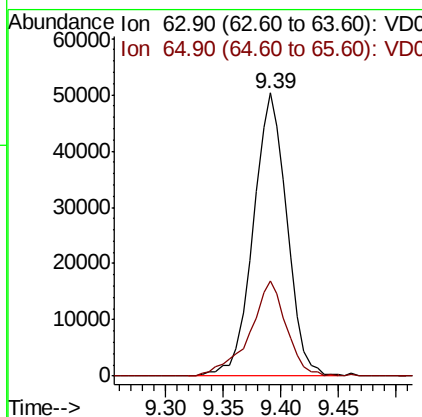
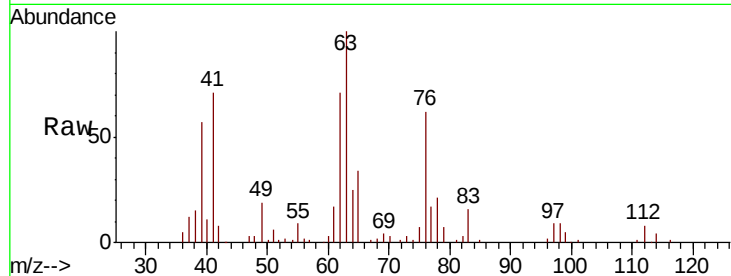
#45
 1,2-Dichloropropane
 Concen: 52.385 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.6	26.9	40.3

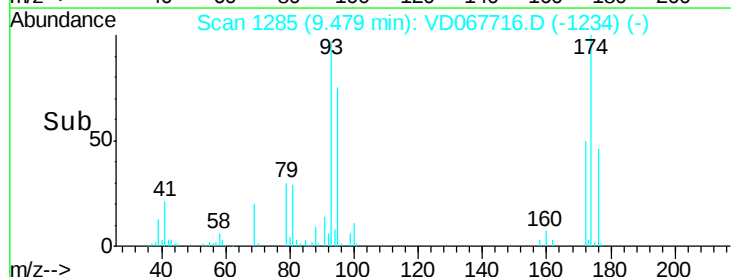
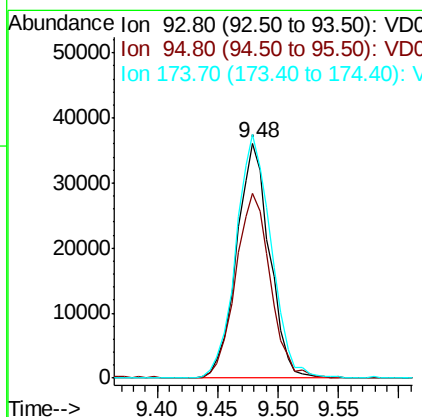
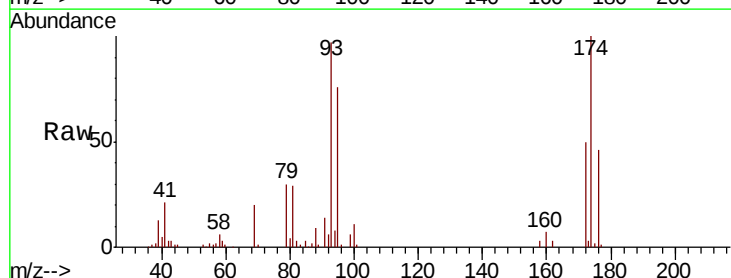
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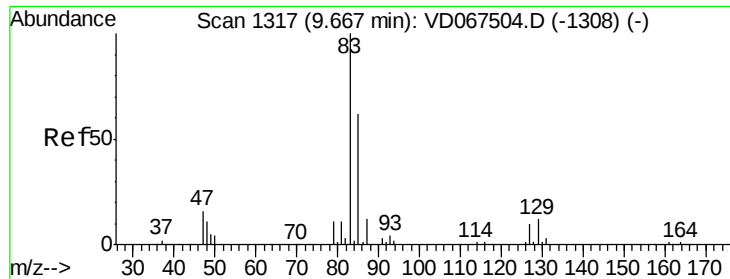
MMDadoda
 11/23/2020 1:41:26 PM



#46
 Dibromomethane
 Concen: 55.520 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.4	99.6
174	110.4	88.2	132.4





#47

Bromodichloromethane

Concen: 56.188 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

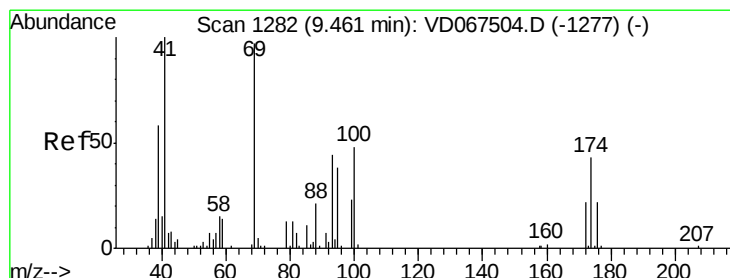
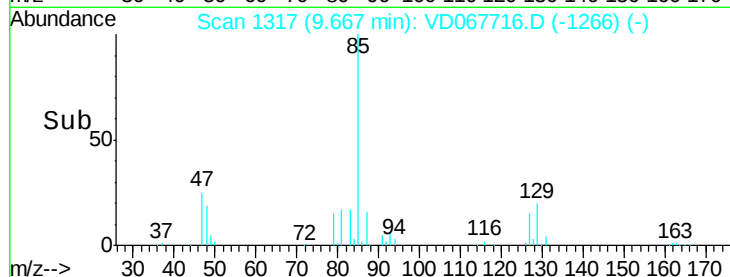
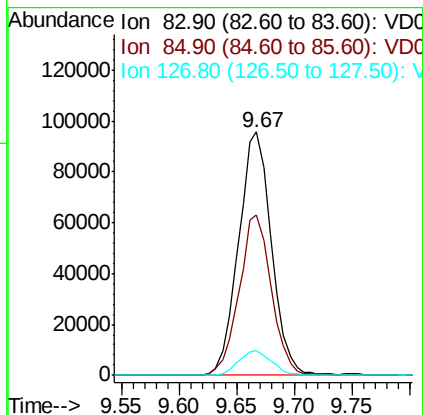
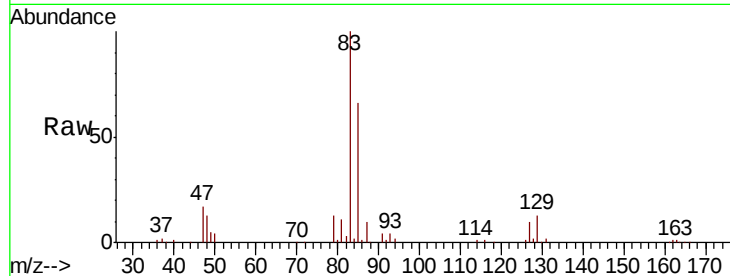
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	188992
Ion	Ratio	Lower	Upper
83	100		
85	65.6	49.4	74.2
127	10.0	7.7	11.5

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#48

Methyl methacrylate

Concen: 49.166 ug/l

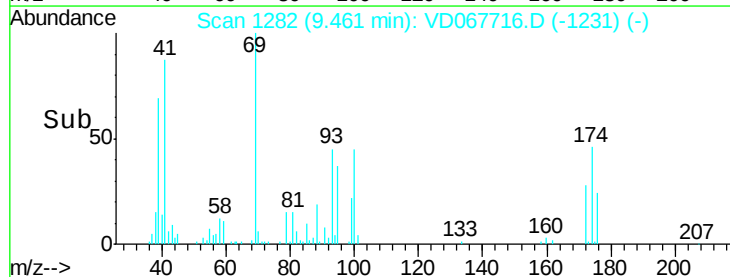
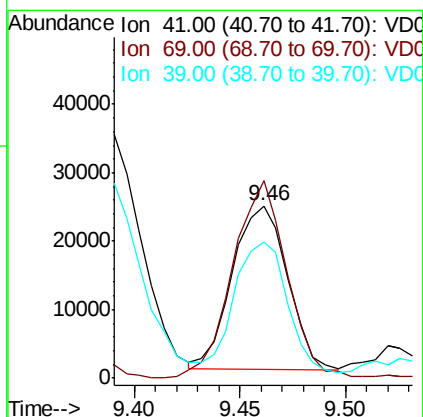
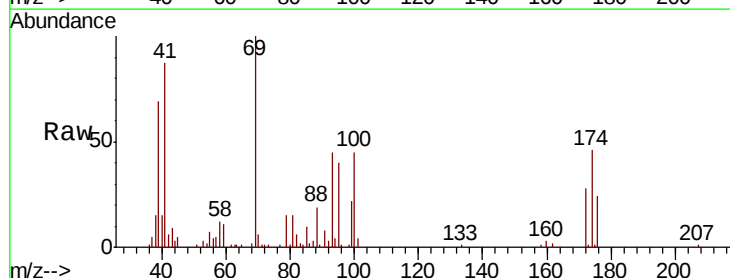
RT: 9.46 min Scan# 1282

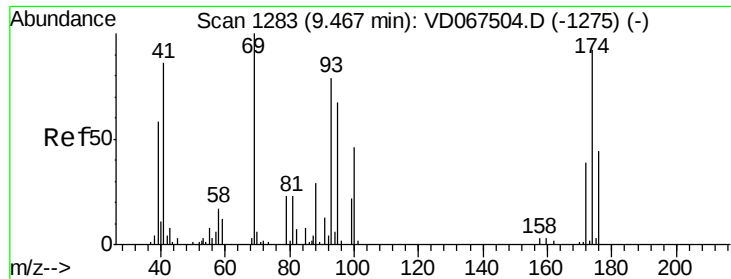
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	41	Resp:	43316
Ion	Ratio	Lower	Upper
41	100		
69	119.1	80.6	121.0
39	75.5	50.2	75.4#





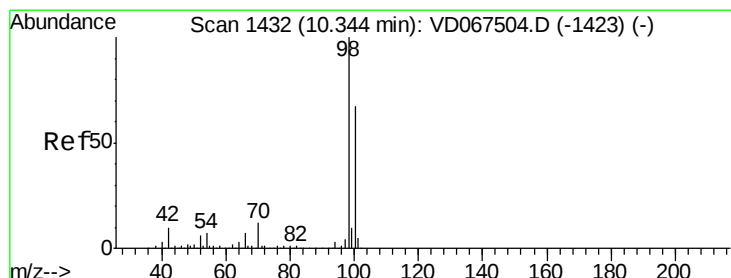
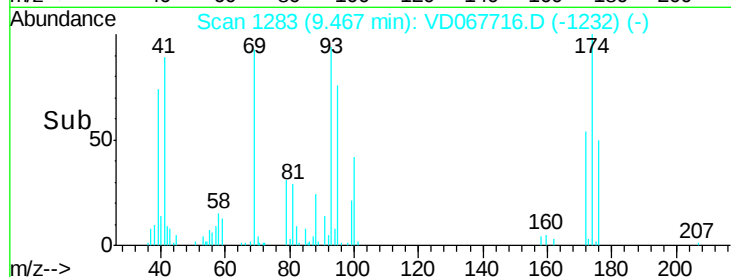
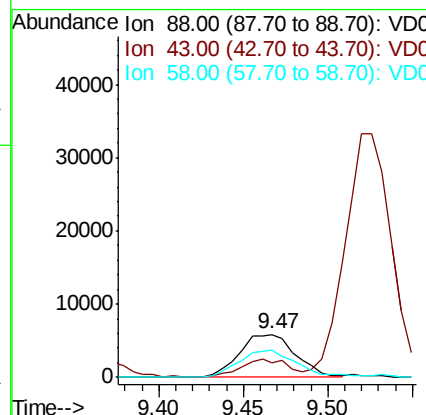
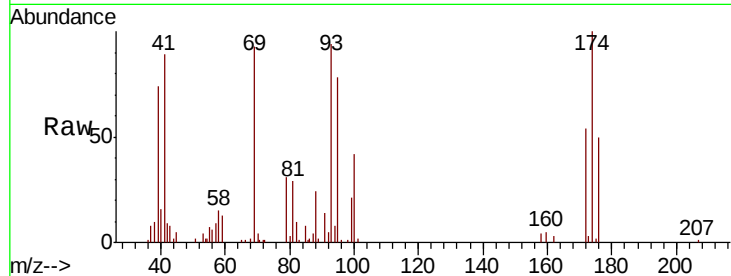
#49
1,4-Dioxane
Concen: 1075.071 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	13506
Ion Ratio	100	Lower	Upper
88	100		
43	36.4	23.6	35.4#
58	65.2	44.7	67.1

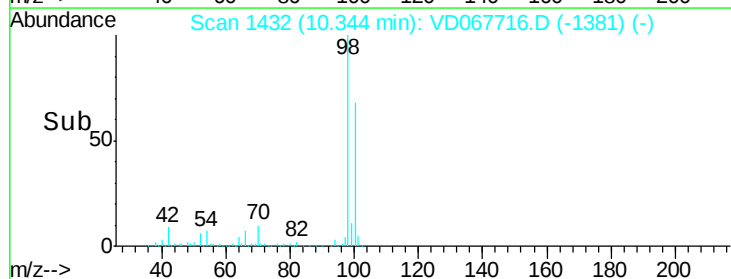
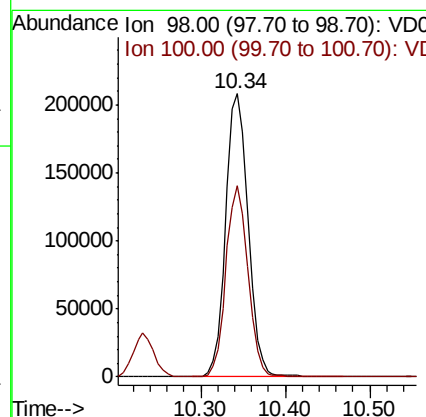
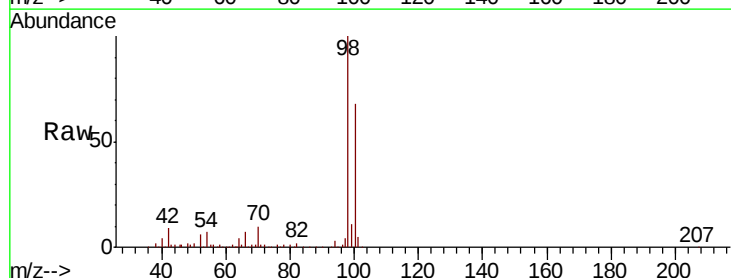
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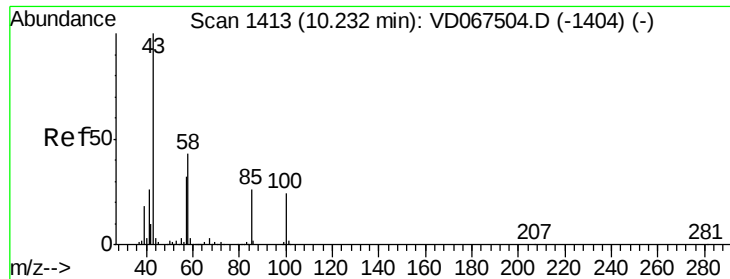
MMDadoda
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#50
Toluene-d8
Concen: 46.669 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	98	Resp	383634
Ion Ratio	100	Lower	Upper
98	100		
100	66.0	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 278.455 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 227236

Ion Ratio Lower Upper

43 100

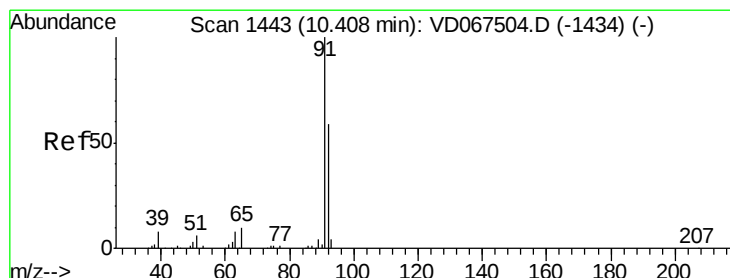
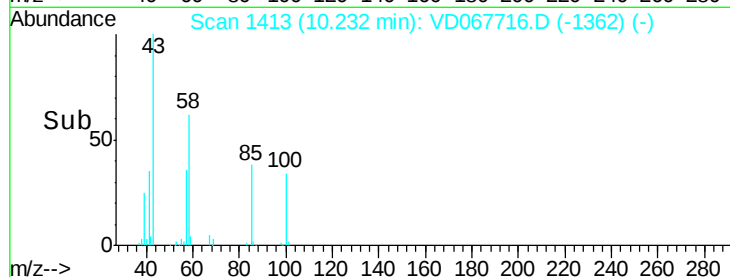
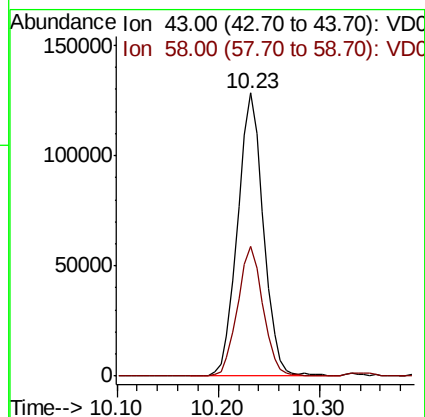
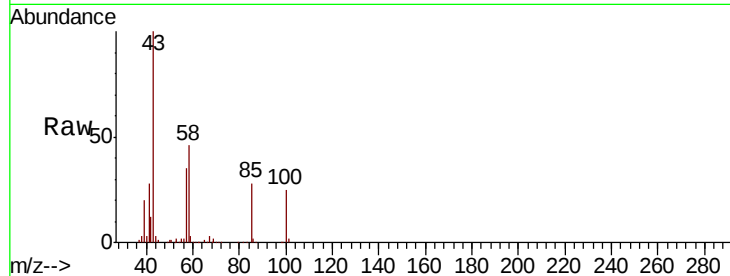
58 45.1 35.6 53.4

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#52

Toluene

Concen: 56.058 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067716.D

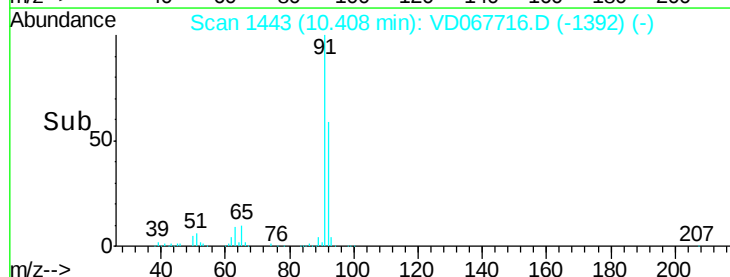
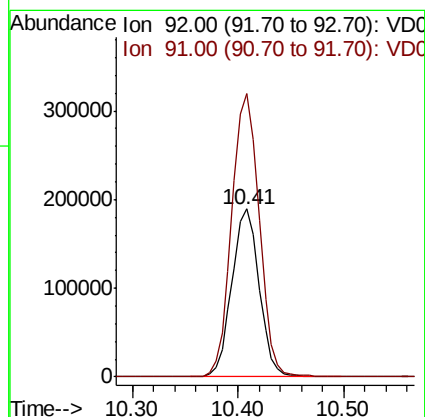
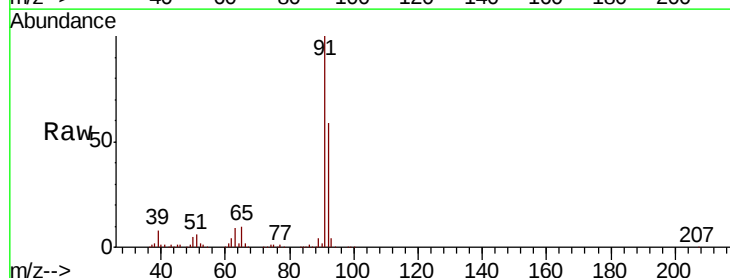
Acq: 20 Nov 2020 11:03

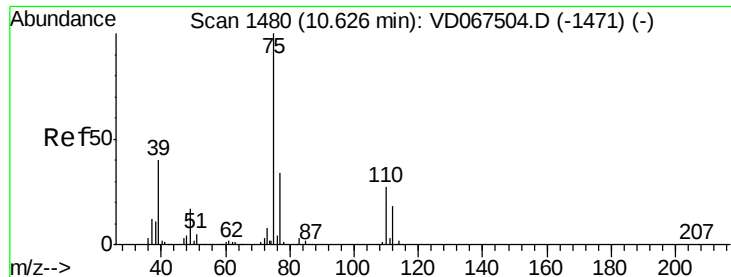
Tgt Ion: 92 Resp: 338005

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.6





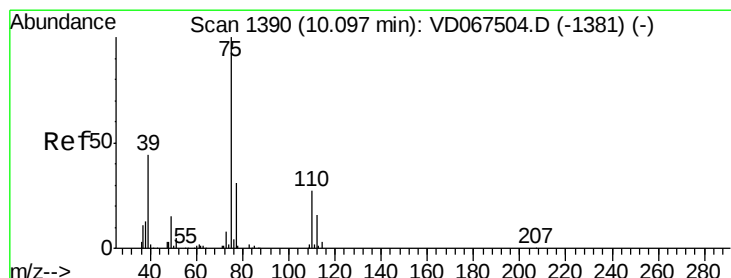
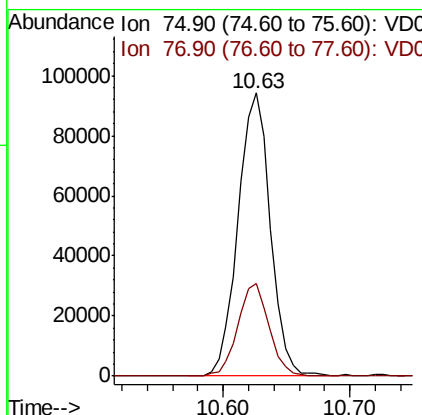
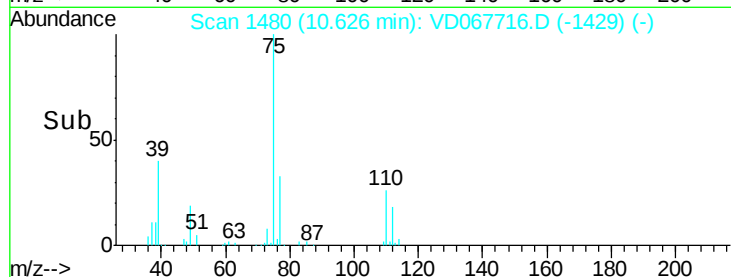
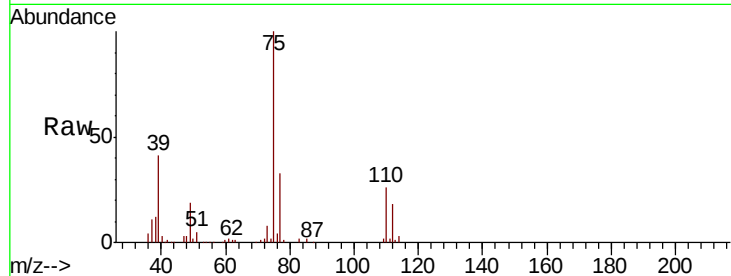
#53
t-1,3-Dichloropropene
Concen: 57.739 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 166331
Ion Ratio Lower Upper
75 100
77 32.8 27.0 40.6

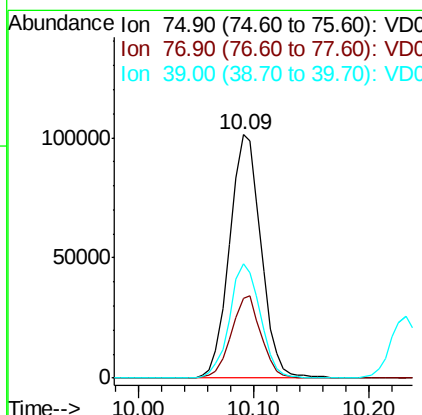
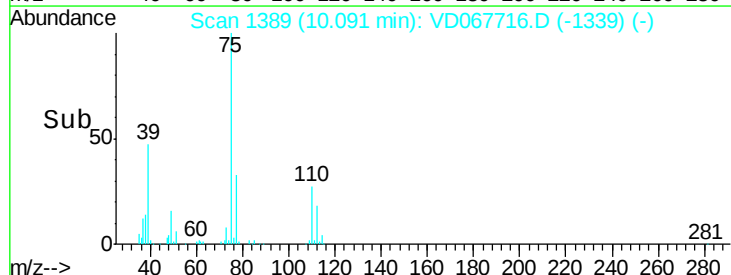
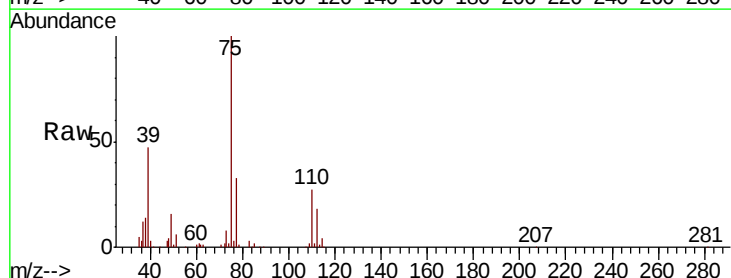
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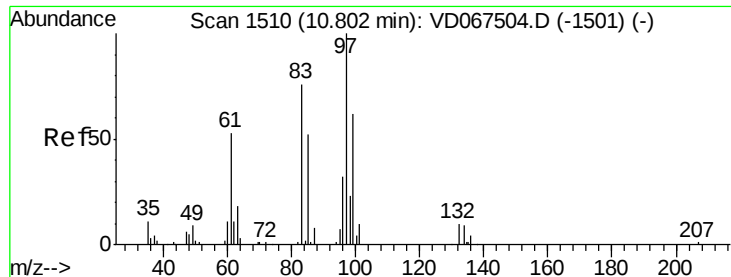
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#54
cis-1,3-Dichloropropene
Concen: 55.911 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 75 Resp: 191366
Ion Ratio Lower Upper
75 100
77 32.9 24.4 36.6
39 47.1 35.6 53.4





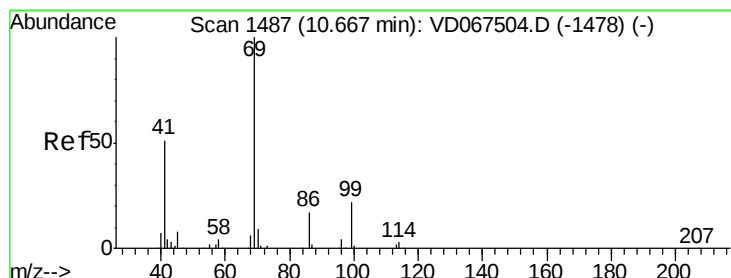
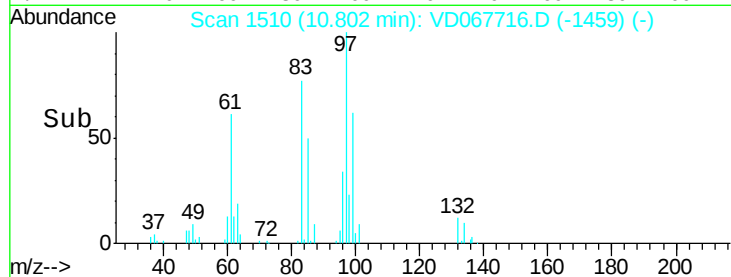
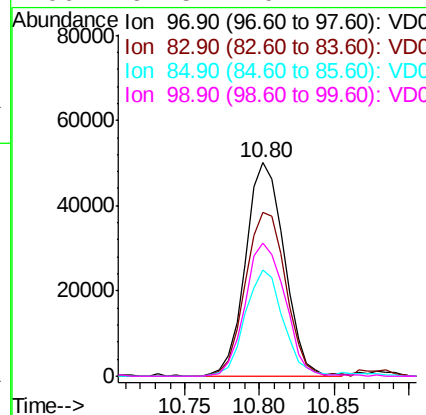
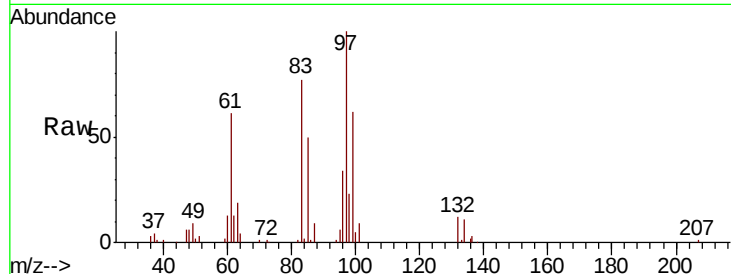
#55
 1,1,2-Trichloroethane
 Concen: 55.012 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	90076
Ion	Ratio	Lower	Upper
97	100		
83	76.9	61.0	91.6
85	49.9	41.5	62.3
99	62.5	49.4	74.2

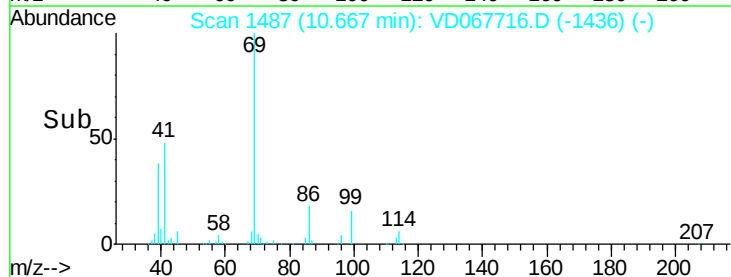
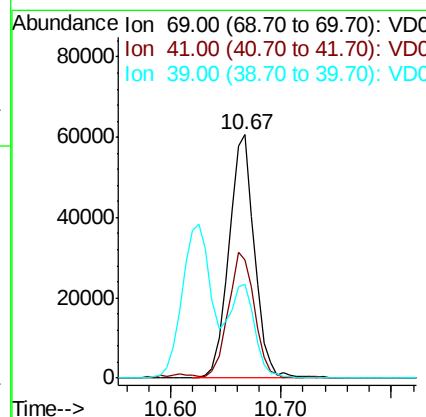
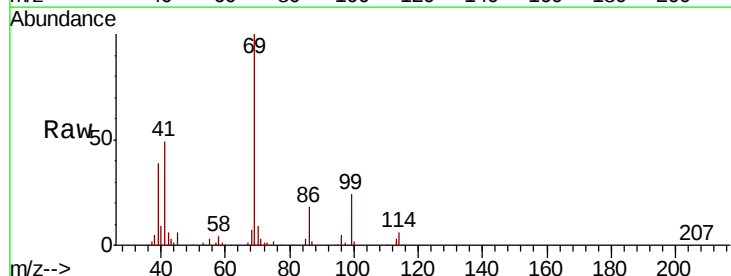
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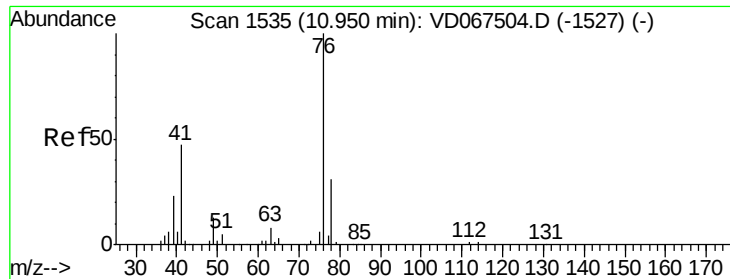
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#56
 Ethyl methacrylate
 Concen: 58.070 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	69	Resp	98189
Ion	Ratio	Lower	Upper
69	100		
41	53.5	45.4	68.0
39	34.8	27.4	41.0





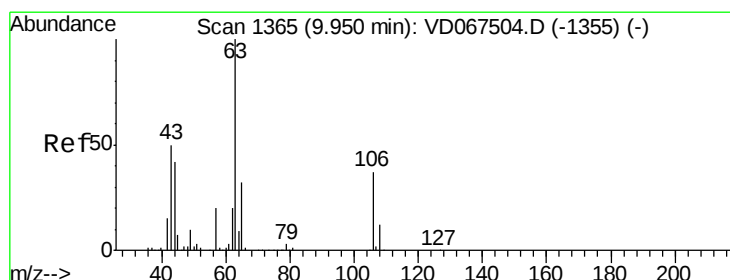
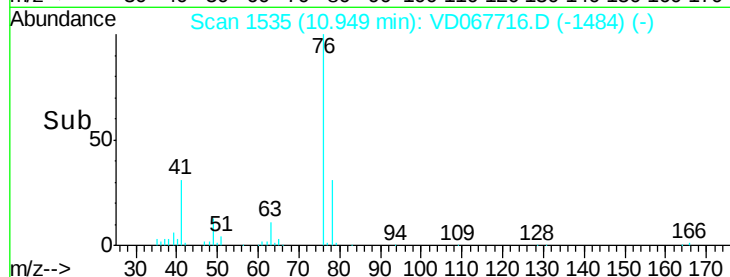
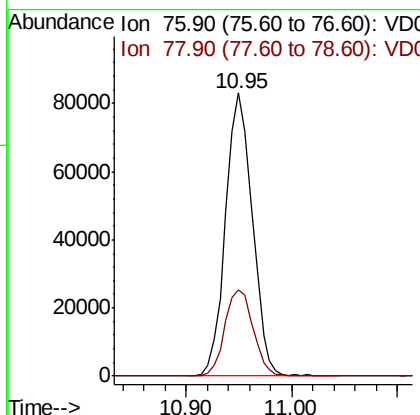
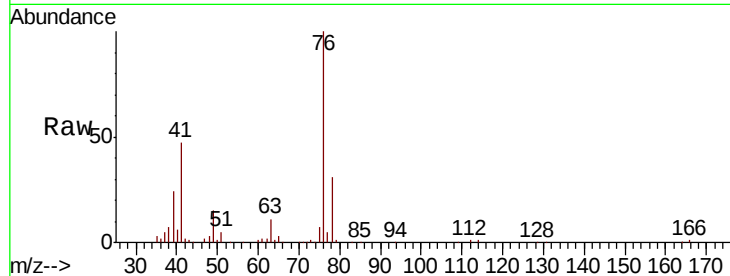
#57
 1,3-Dichloropropane
 Concen: 55.437 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 146068
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

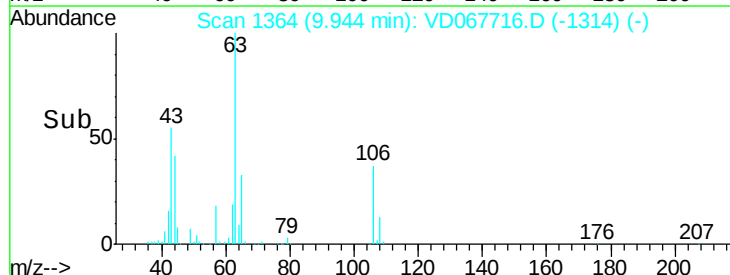
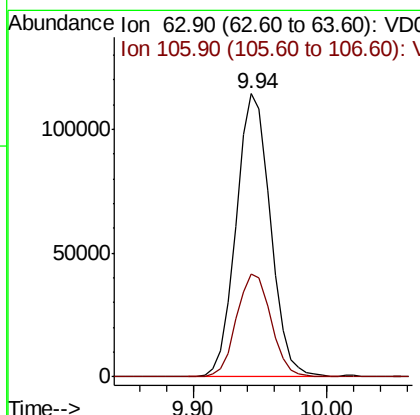
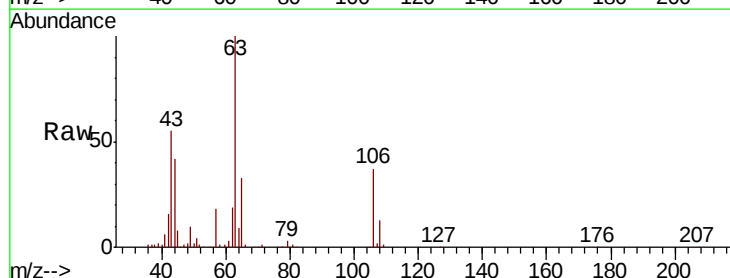
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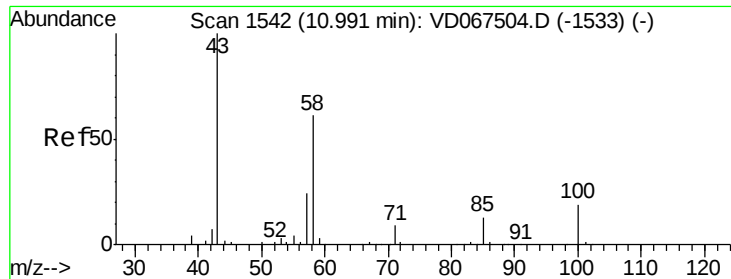
MMDadoda
 11/23/2020 1:41:26 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.235 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion: 63 Resp: 203619
 Ion Ratio Lower Upper
 63 100
 106 36.6 29.2 43.8





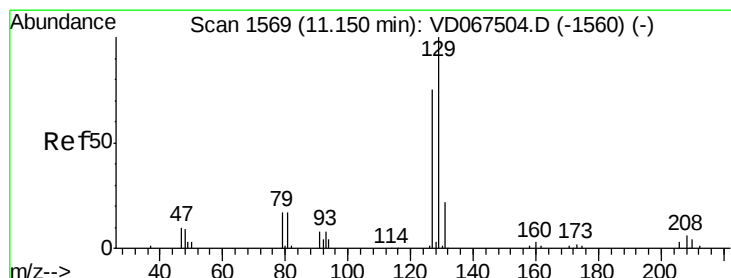
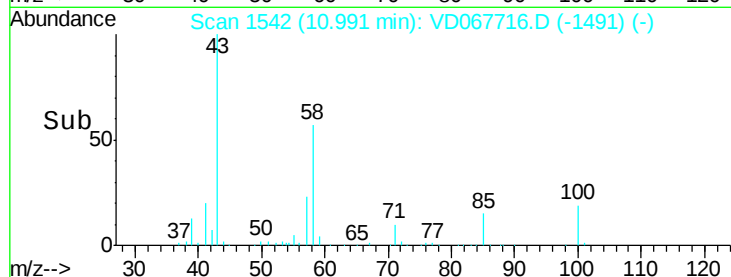
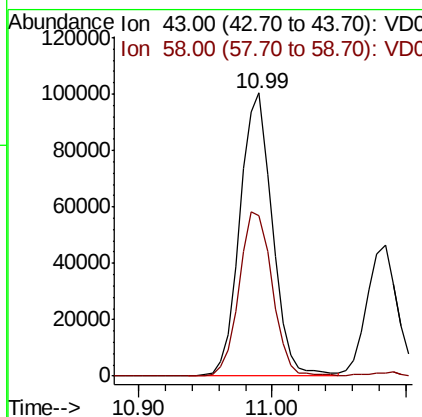
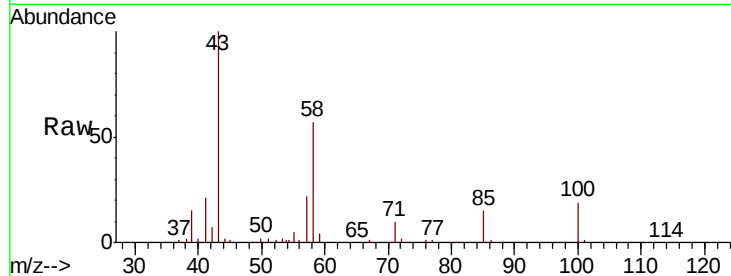
#59
2-Hexanone
Concen: 296.572 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 169221
Ion Ratio Lower Upper
43 100
58 59.0 30.3 90.9

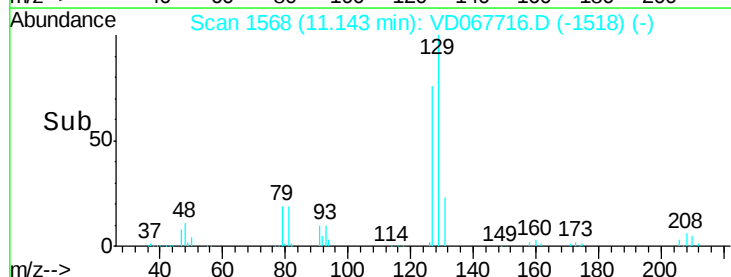
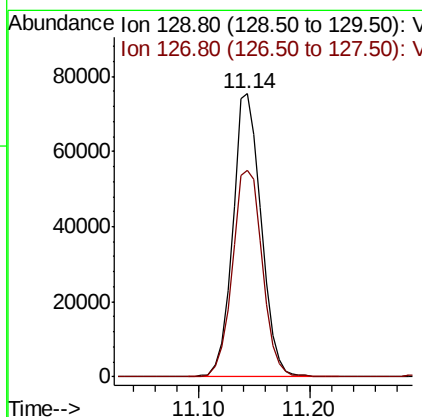
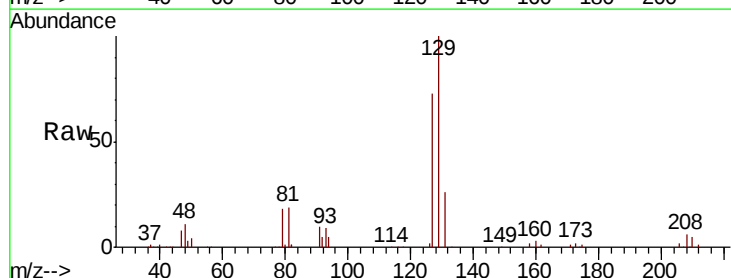
Manual Integrations
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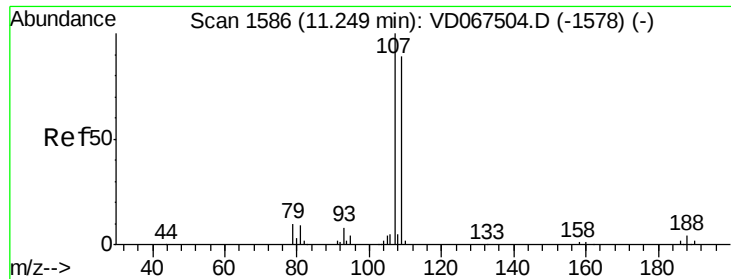
MMDadoda
11/23/2020 1:41:26 PM



#60
Dibromochloromethane
Concen: 56.168 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 129 Resp: 136047
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1





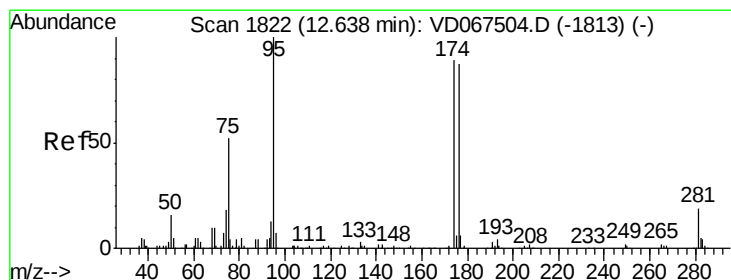
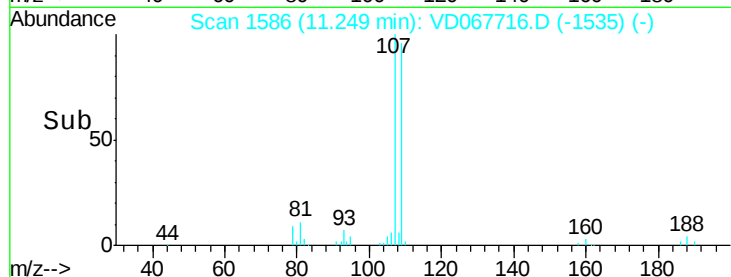
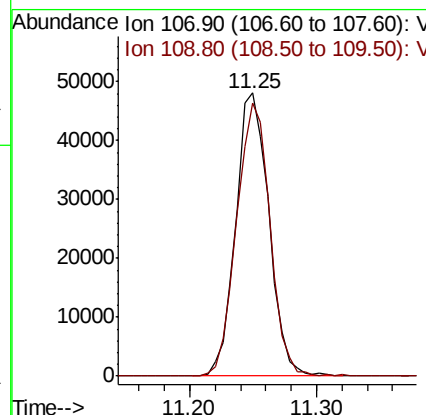
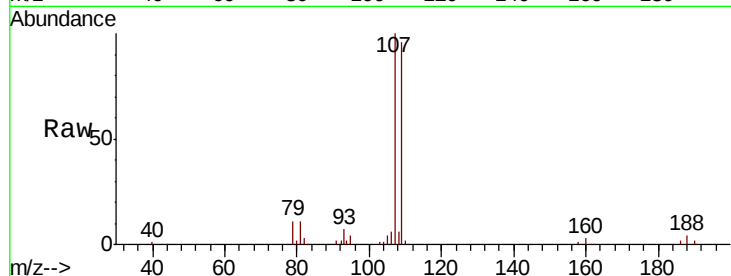
#61
 1,2-Dibromoethane
 Concen: 53.083 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.7	74.6	111.8

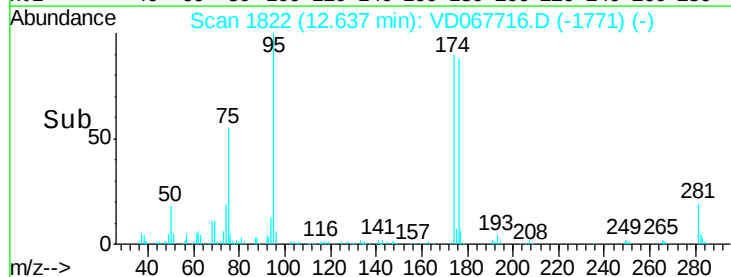
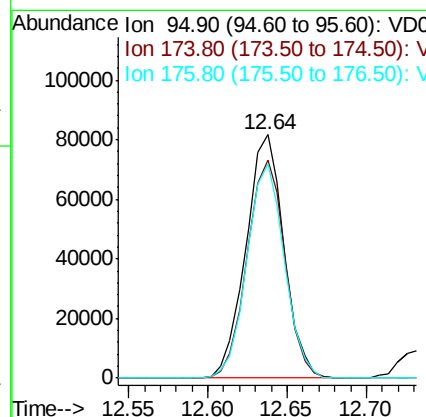
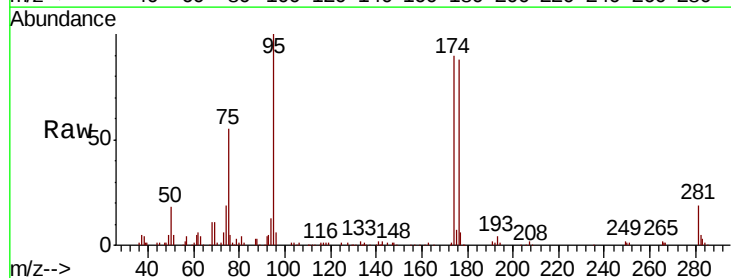
Manual Integrations
 APPROVED

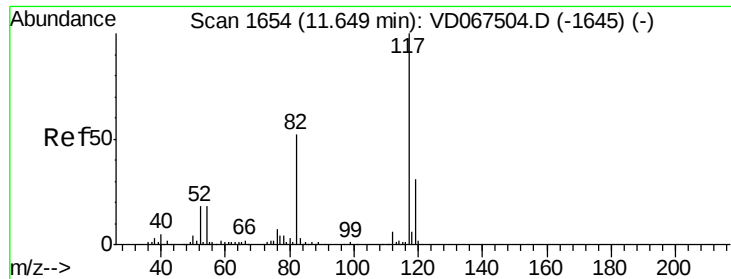
MMDadoda
 11/23/2020 1:41:26 PM



#62
 4-Bromofluorobenzene
 Concen: 47.863 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	177.8
176	87.0	0.0	172.0





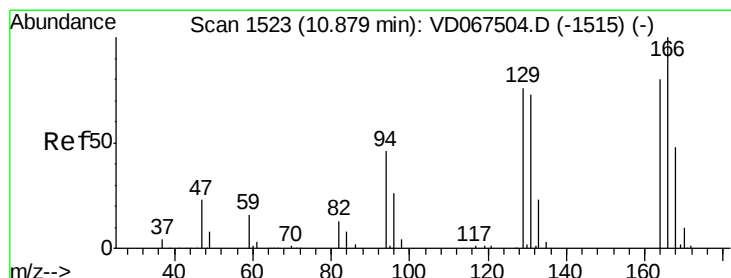
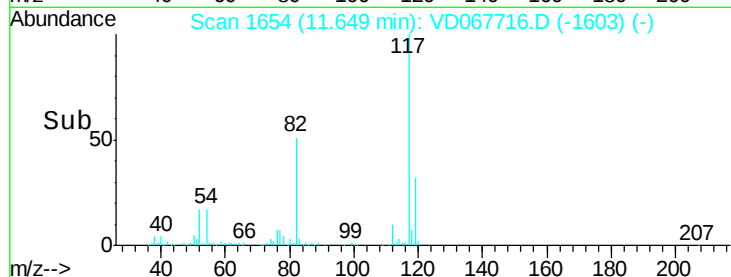
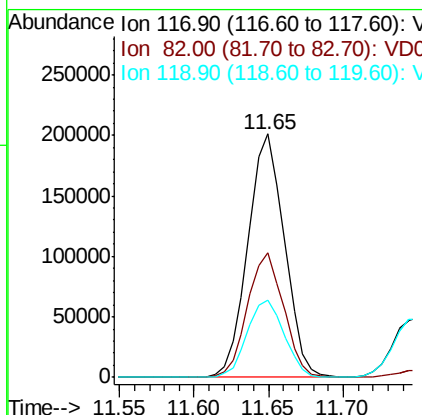
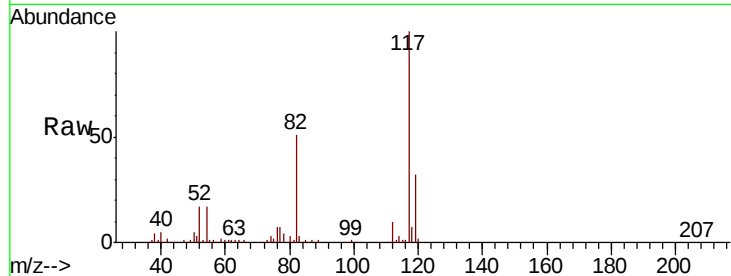
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.6	62.4
119	31.7	25.1	37.7

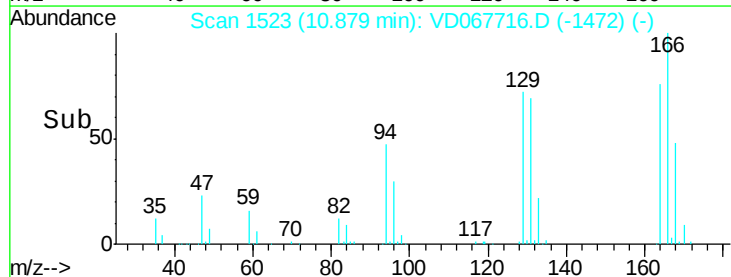
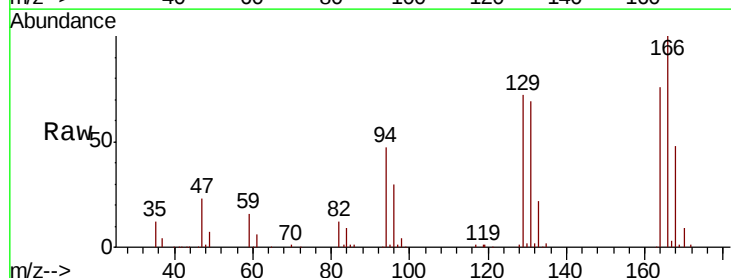
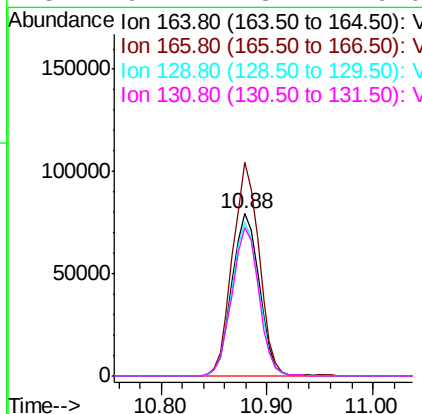
Manual Integrations
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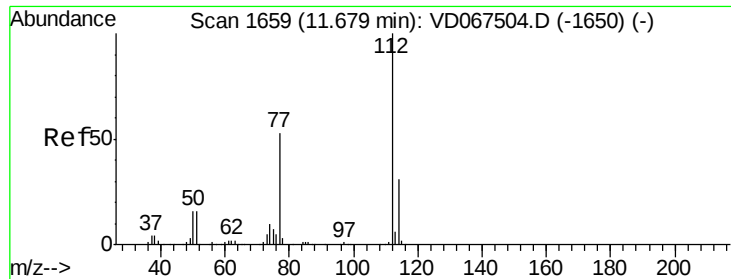
MMDadoda
11/23/2020 1:41:26 PM



#64
Tetrachloroethene
Concen: 56.476 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	99.9	149.9
129	95.0	75.5	113.3
131	91.2	73.4	110.0





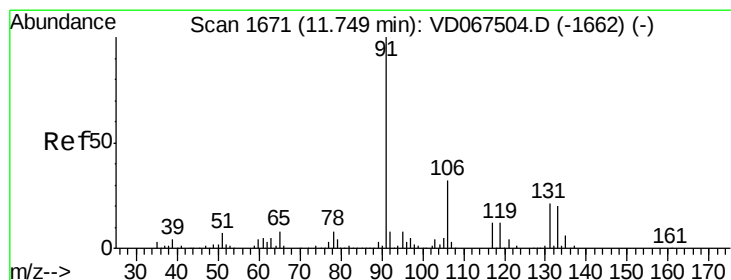
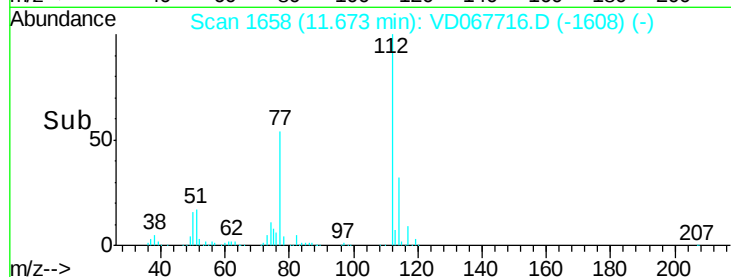
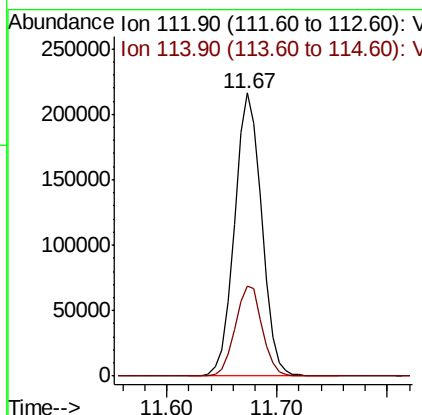
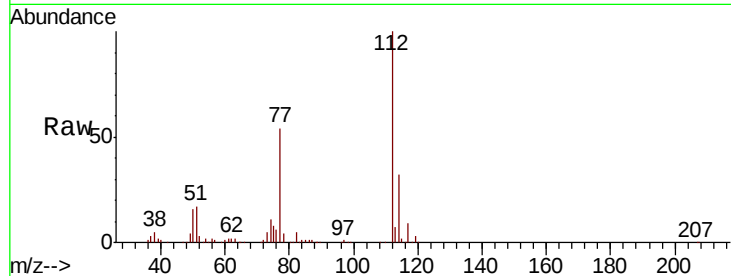
#65
Chlorobenzene
Concen: 56.815 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.9	37.3

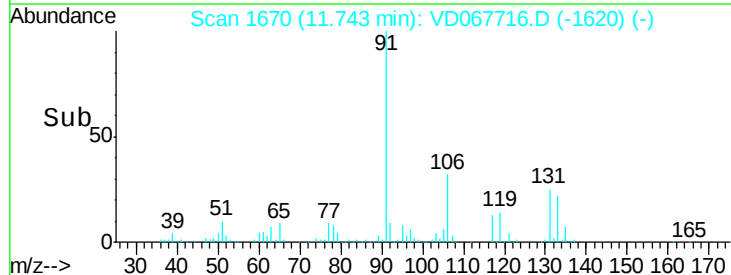
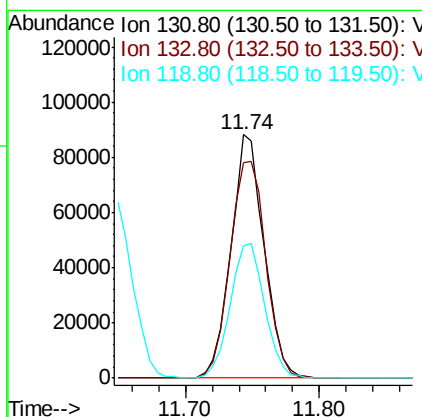
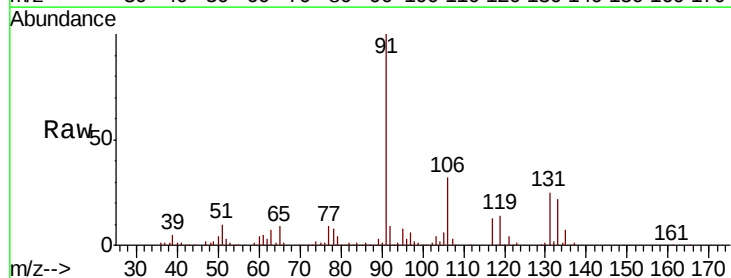
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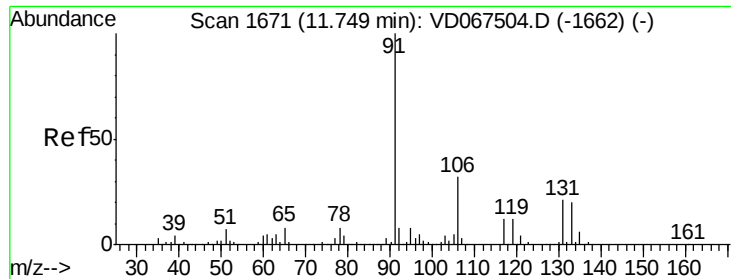
MMDadoda
11/23/2020 1:41:26 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 58.884 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.0	144.0
119	57.7	30.1	90.5





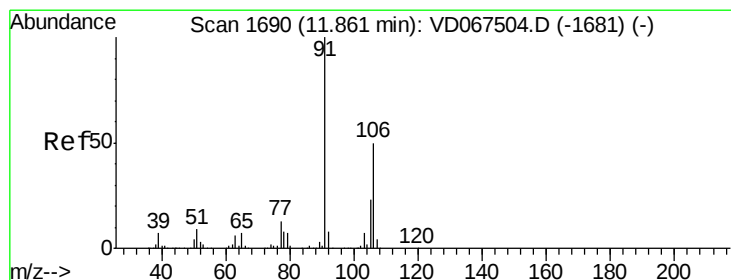
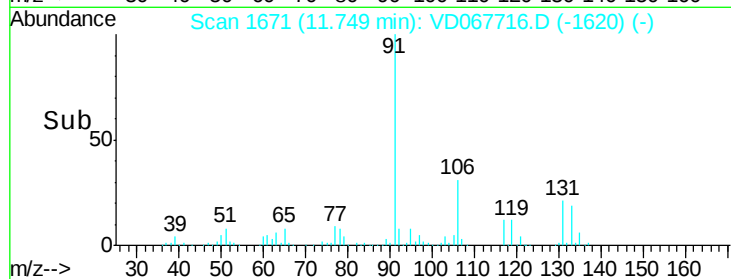
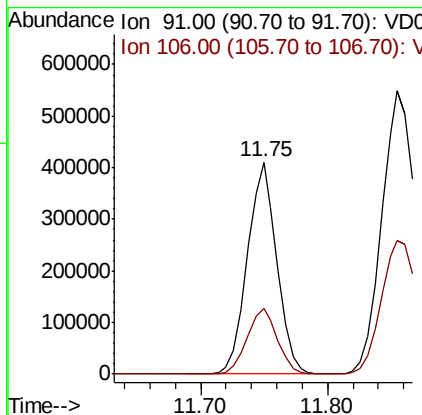
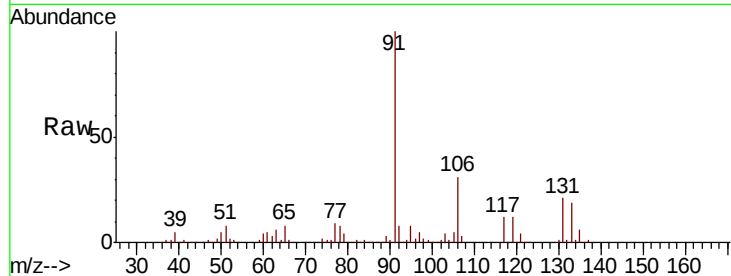
#67
Ethyl Benzene
Concen: 58.686 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 659787
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

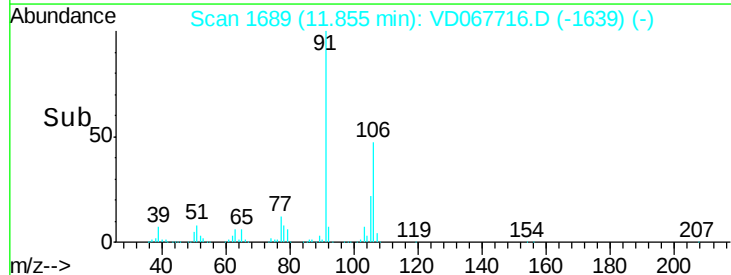
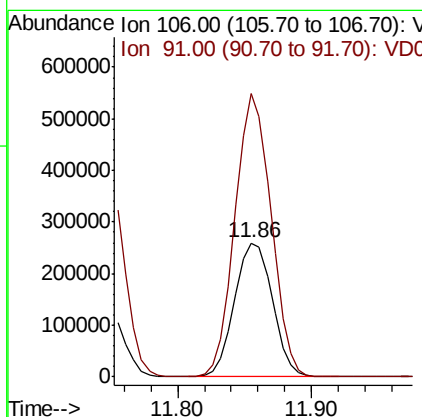
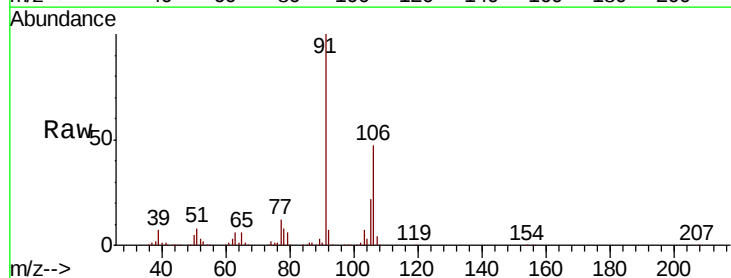
Manual Integrations
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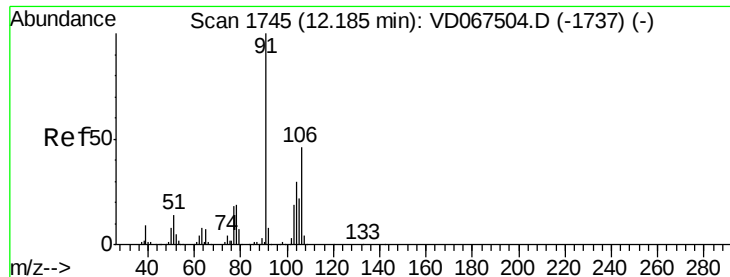
MMDadoda
11/23/2020 1:41:26 PM



#68
m/p-Xylenes
Concen: 116.332 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion: 106 Resp: 508823
Ion Ratio Lower Upper
106 100
91 203.5 162.6 244.0





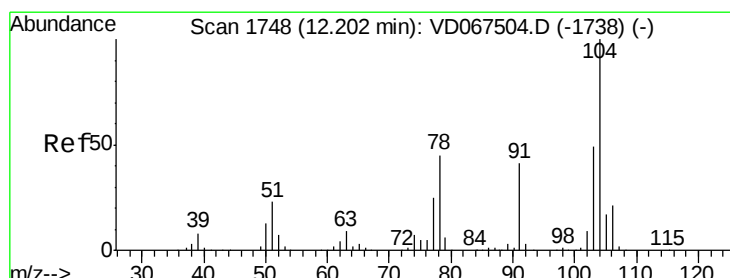
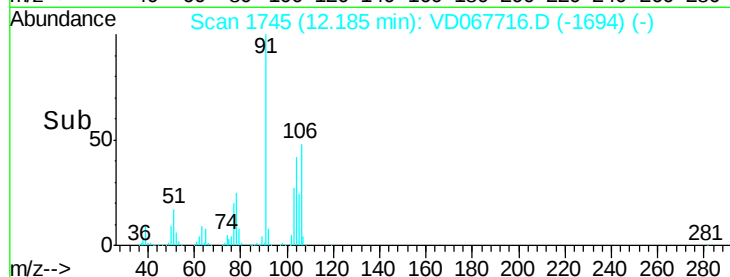
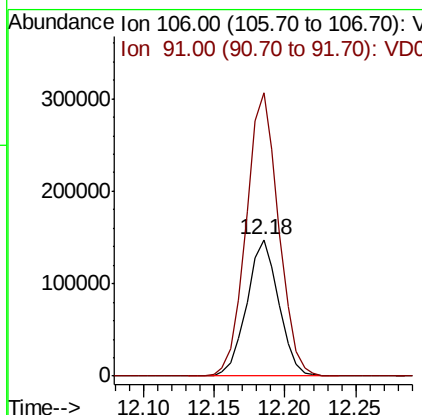
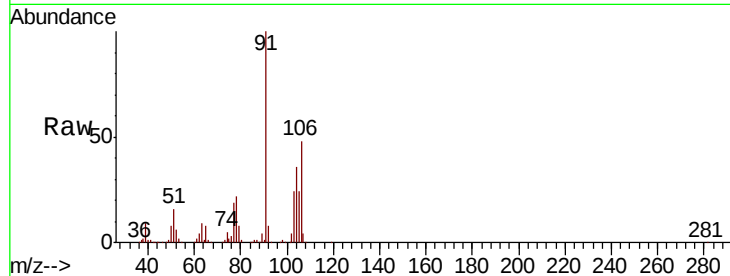
#69
o-Xylene
Concen: 60.030 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 234423
Ion Ratio Lower Upper
106 100
91 210.6 107.1 321.1

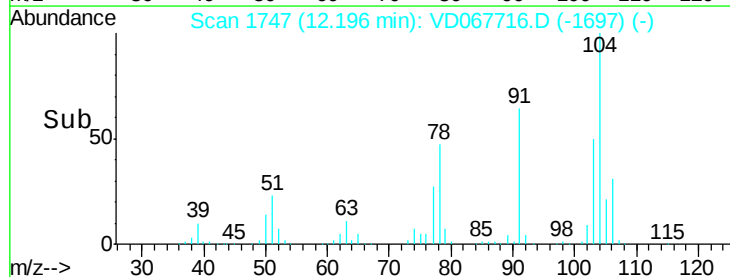
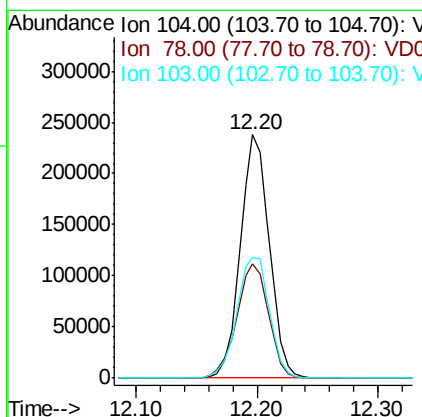
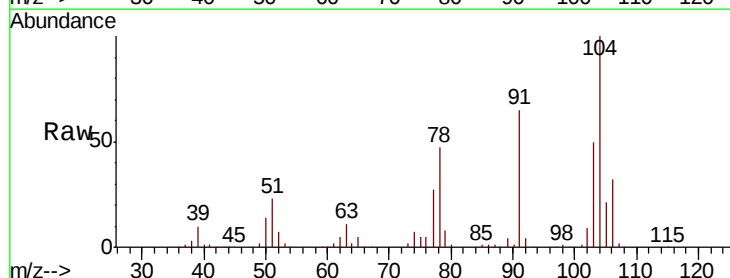
Manual Integrations
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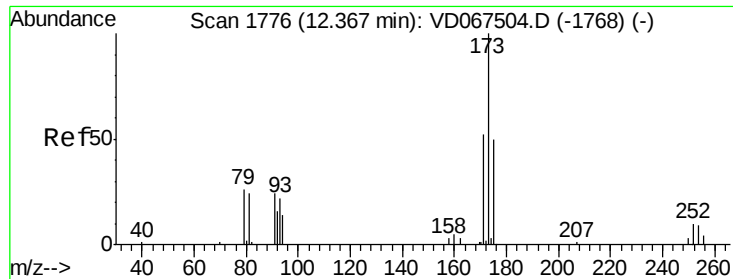
MMDadoda
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#70
Styrene
Concen: 58.568 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion:104 Resp: 398545
Ion Ratio Lower Upper
104 100
78 51.3 39.8 59.8
103 55.6 43.9 65.9





#71

Bromoform

Concen: 58.352 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

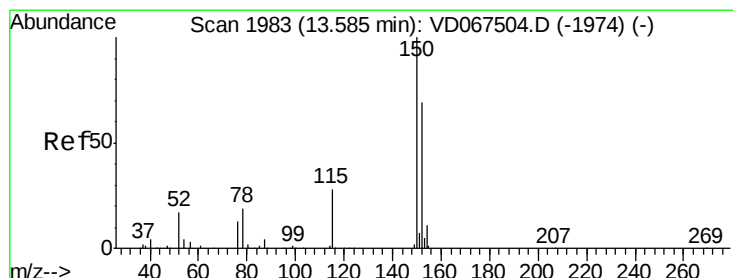
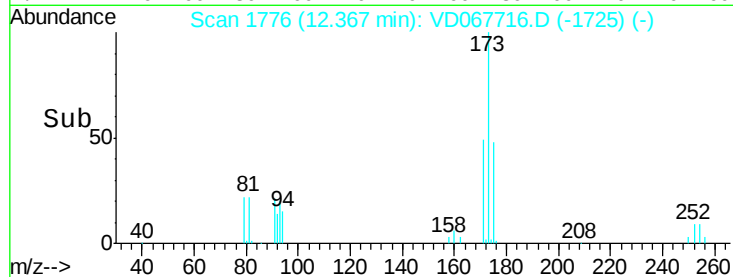
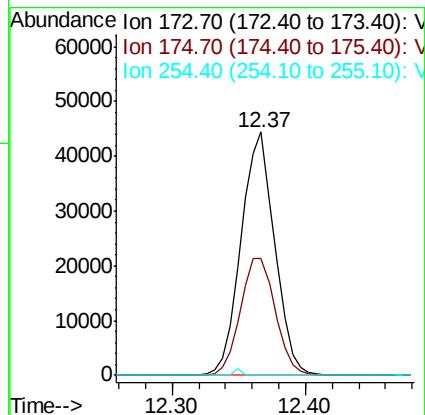
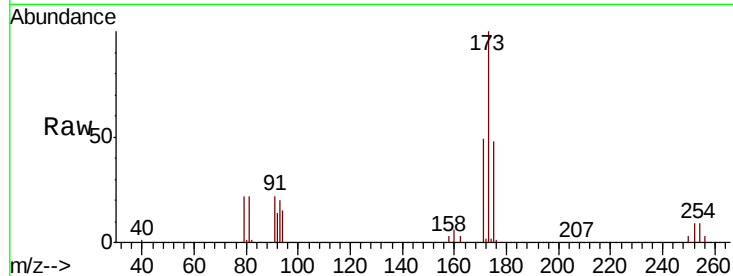
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.1	72.2
254	0.6	0.0	0.0#

Manual Integrations
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11/23/2020 1:41:26 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

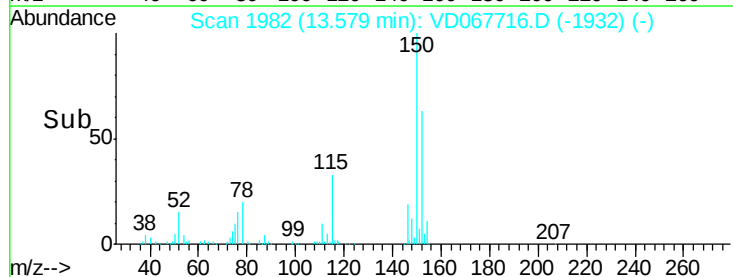
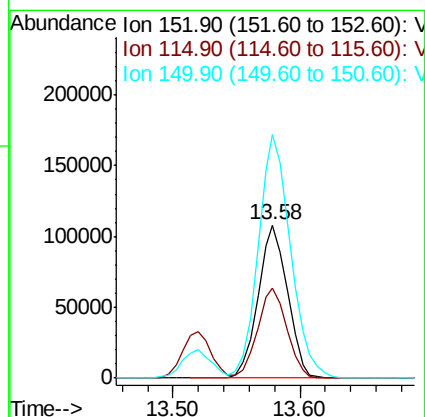
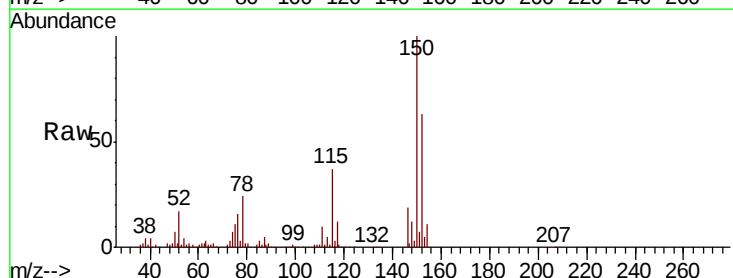
RT: 13.58 min Scan# 1982

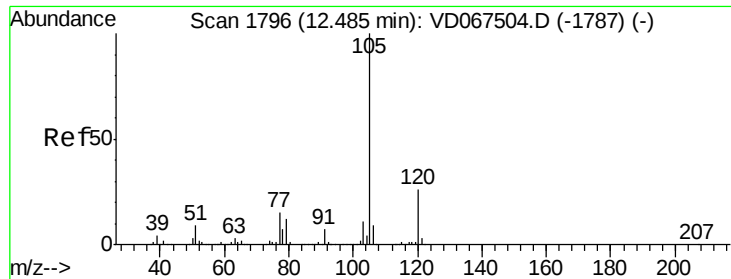
Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	173.5	0.0	338.2





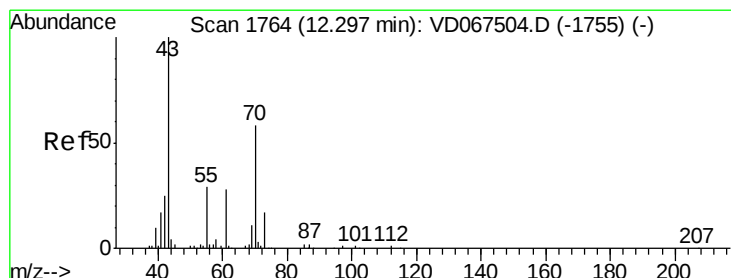
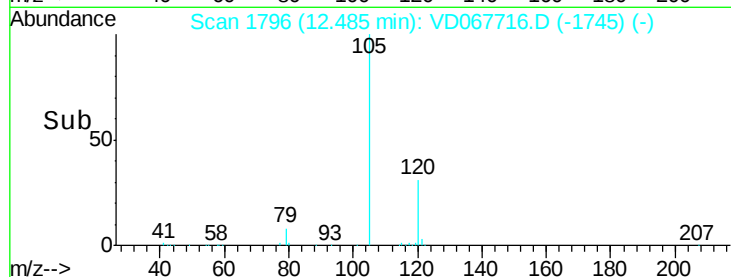
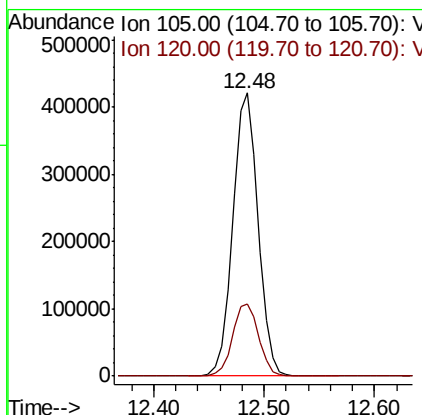
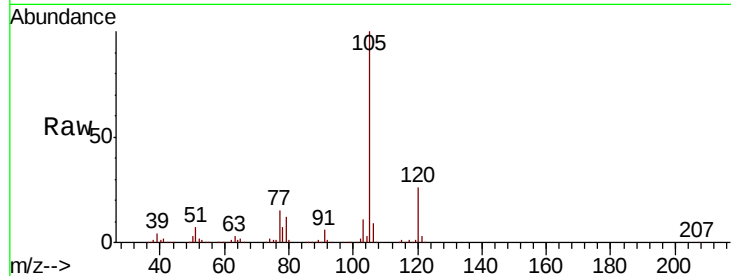
#73
Isopropylbenzene
Concen: 59.541 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.2	39.6

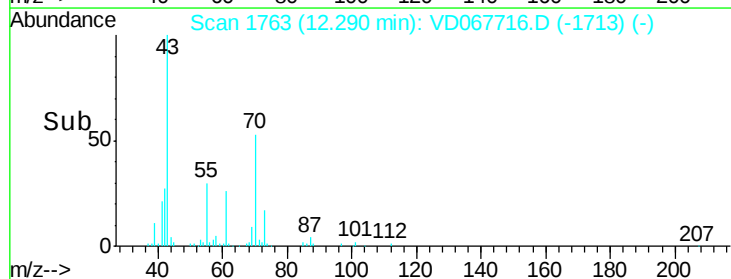
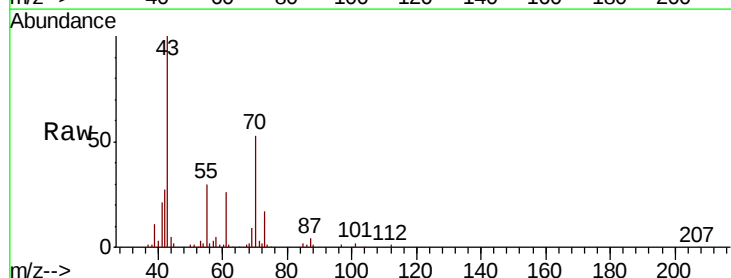
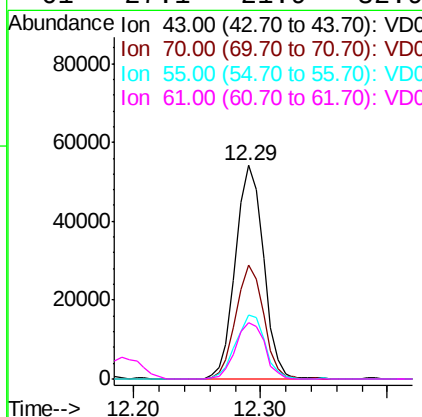
Manual Integrations
APPROVED

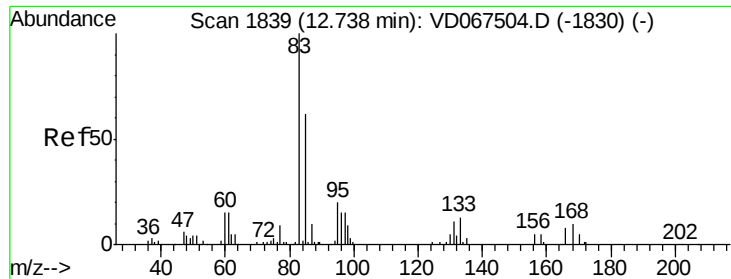
MMDadoda
11/23/2020 1:41:26 PM



#74
N-ethyl acetate
Concen: 55.900 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	52.4	42.6	64.0
55	30.9	23.7	35.5
61	27.1	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 54.451 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

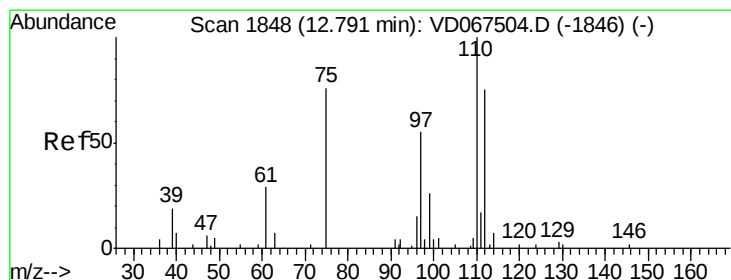
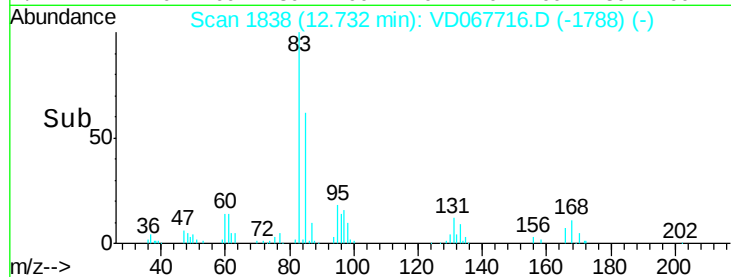
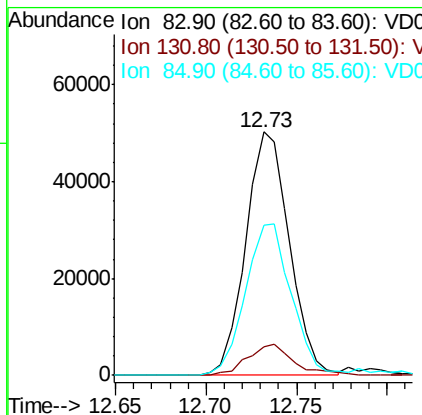
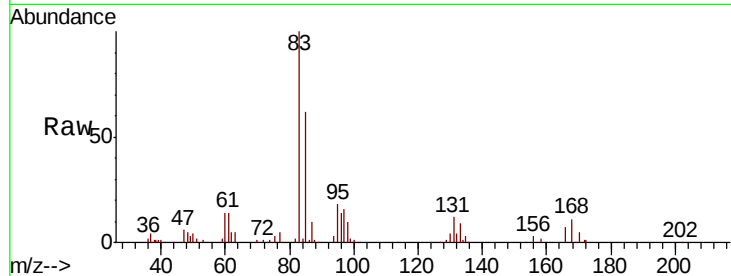
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	84157
Ion Ratio	Lower	Upper	
83	100		
131	13.4	7.1	21.3
85	65.4	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.158 ug/l m

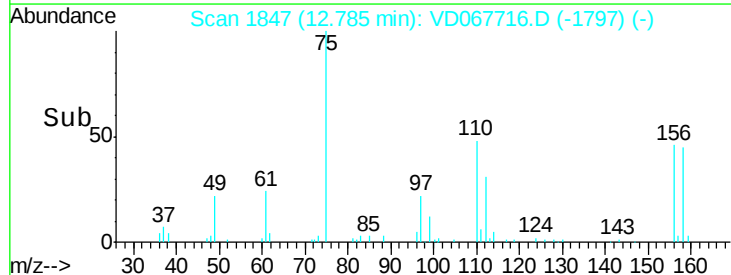
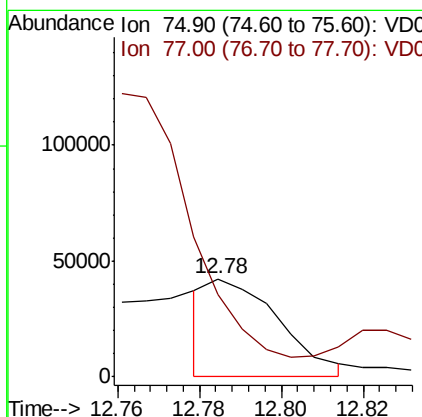
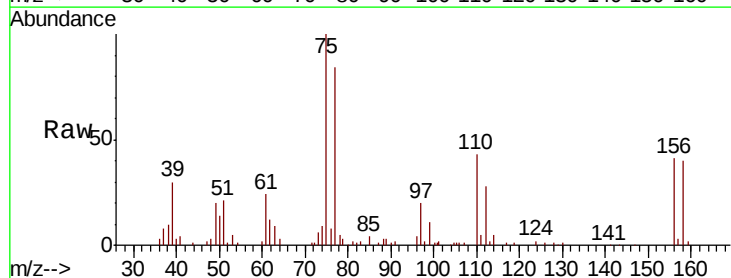
RT: 12.78 min Scan# 1847

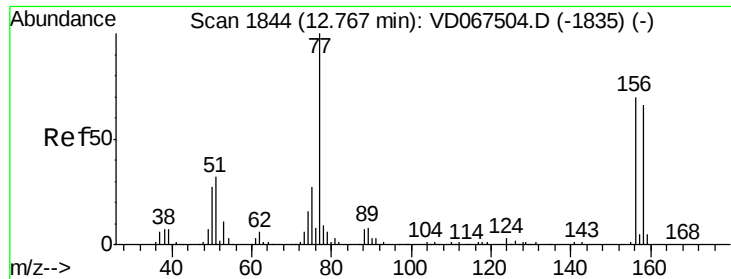
Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion:	75	Resp:	50949
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.054 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Instrument :

MSVOA_D

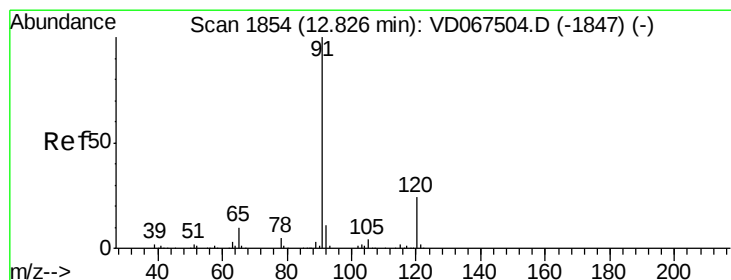
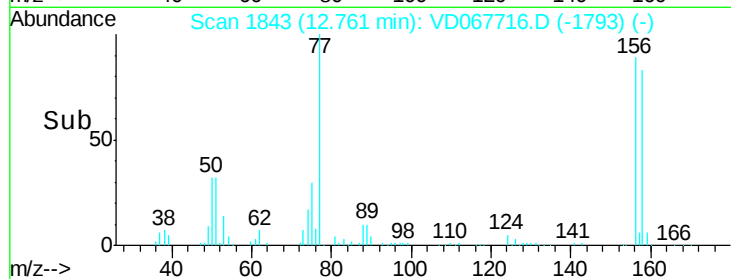
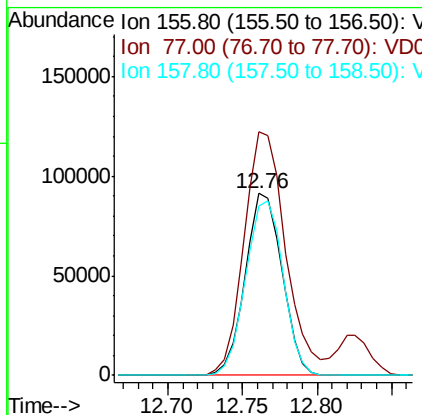
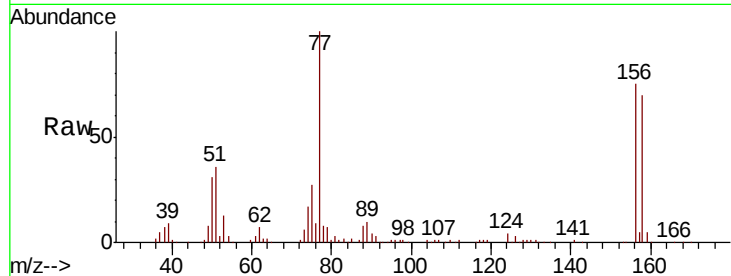
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	150.7	77.8	233.5	
158	97.9	47.9	143.7	

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#78

n-propylbenzene

Concen: 58.082 ug/l

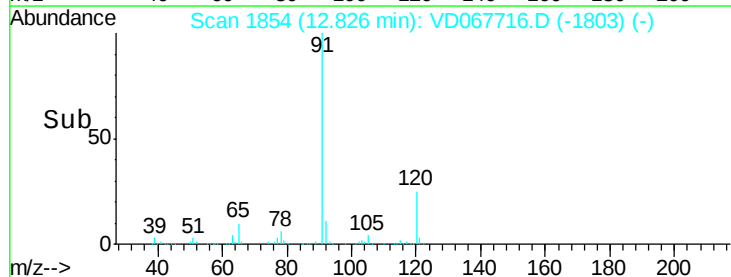
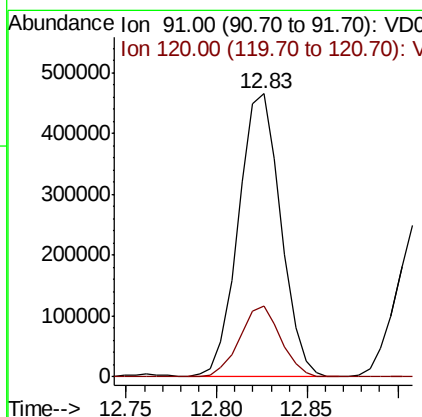
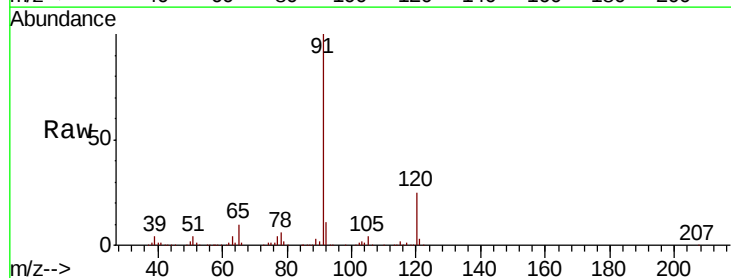
RT: 12.83 min Scan# 1854

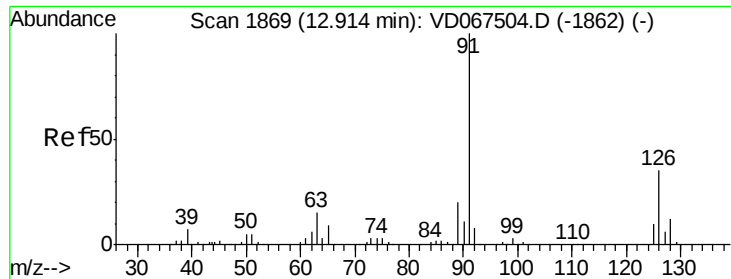
Delta R.T. -0.00 min

Lab File: VD067716.D

Acq: 20 Nov 2020 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.4	12.2	36.4	





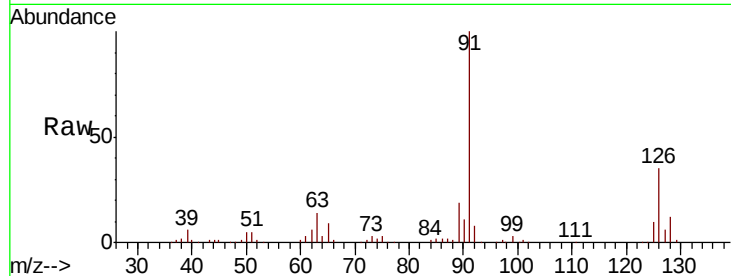
#79
 2-Chlorotoluene
 Concen: 58.708 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

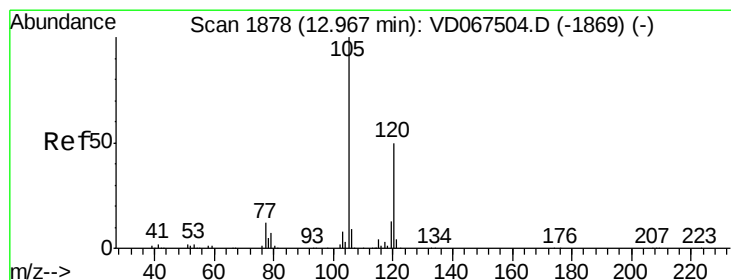
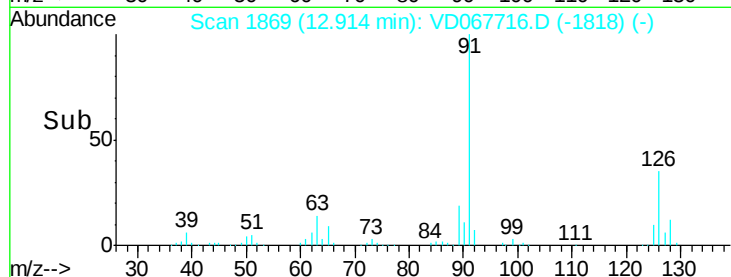
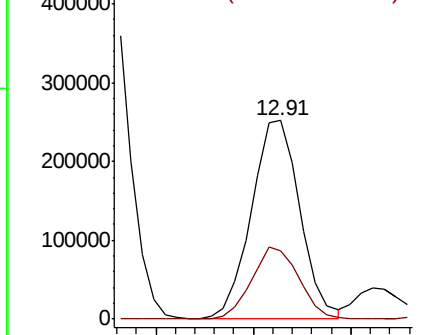
Tot Ion: 91 Resp: 432343
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.4

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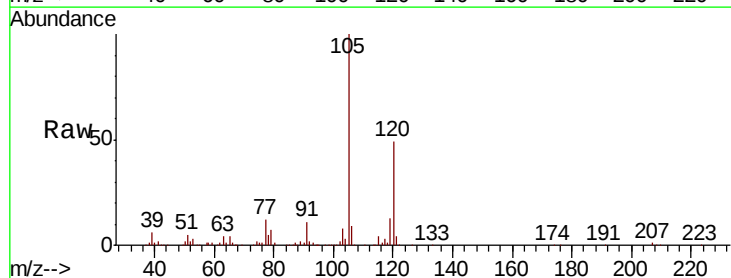


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

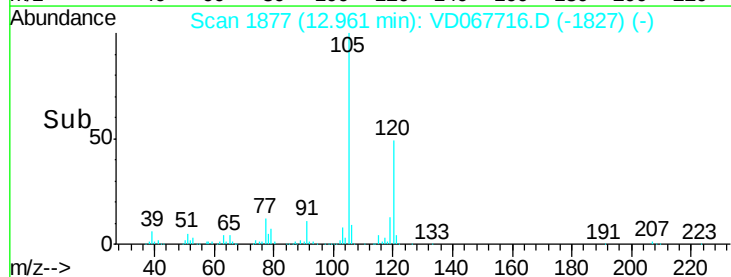
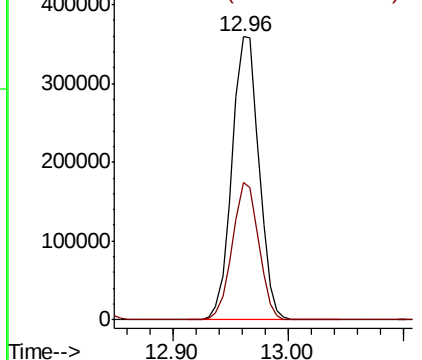


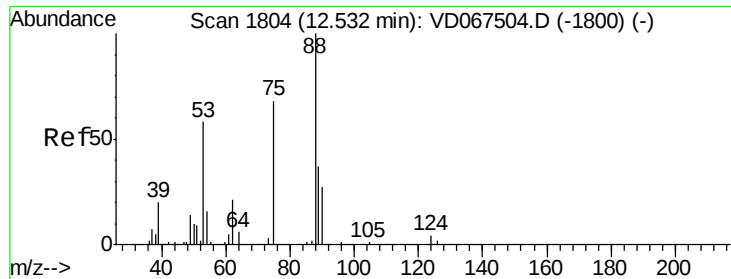
#80
 1,3,5-Trimethylbenzene
 Concen: 59.987 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion: 105 Resp: 580805
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





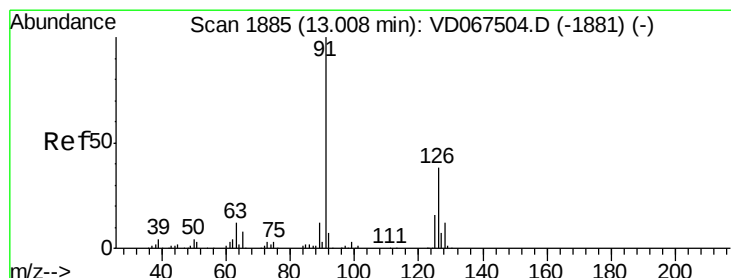
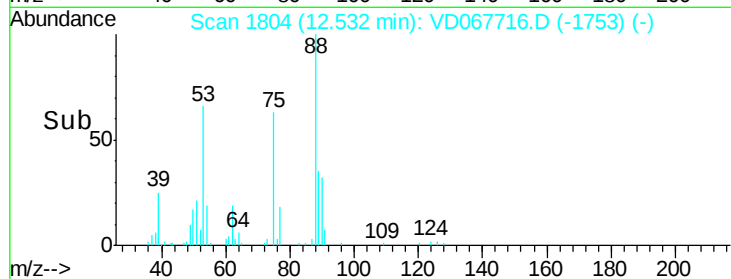
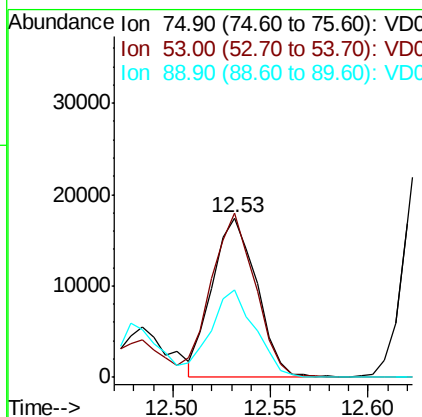
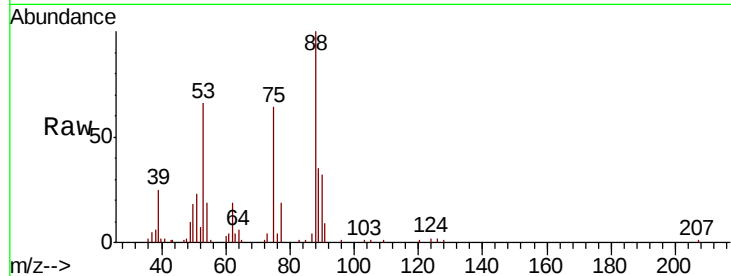
#81
trans-1,4-Dichloro-2-butene
Concen: 53.353 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.2	75.9	113.9
89	55.3	44.6	67.0

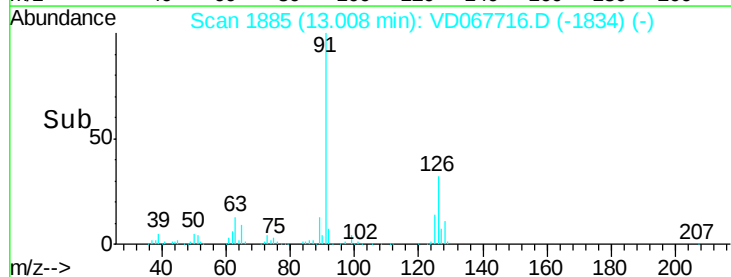
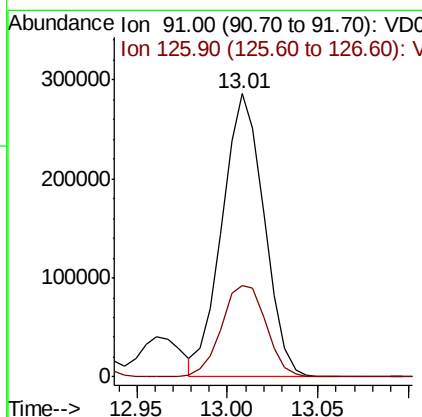
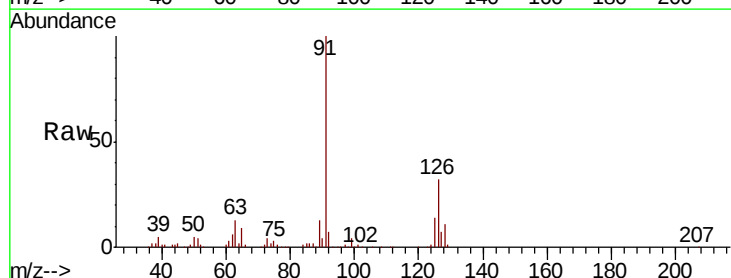
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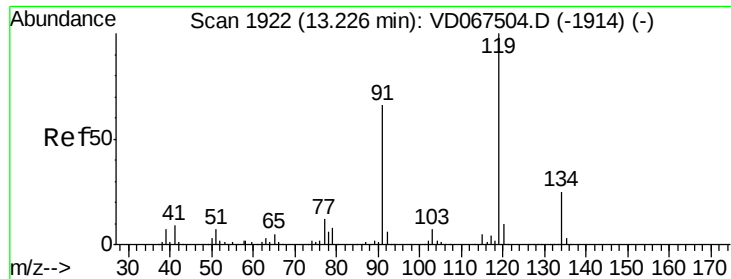
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#82
4-Chlorotoluene
Concen: 58.143 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.9	53.7





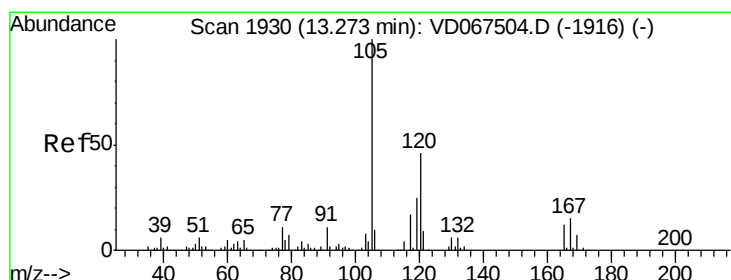
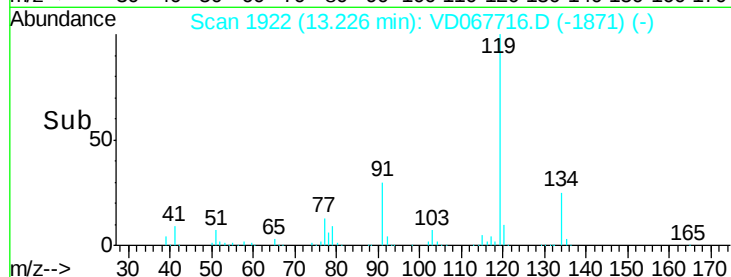
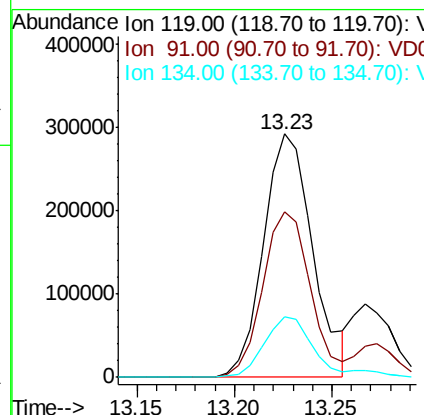
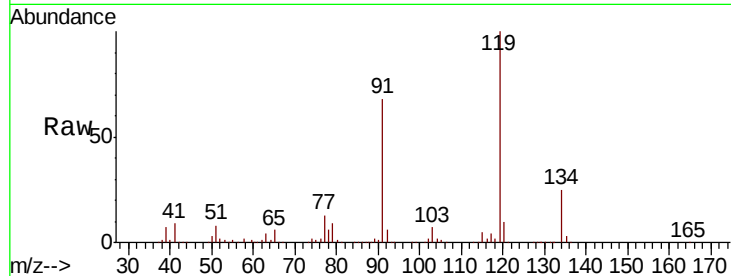
#83
 tert-Butylbenzene
 Concen: 62.320 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	32.7	98.1
134	25.8	13.4	40.2

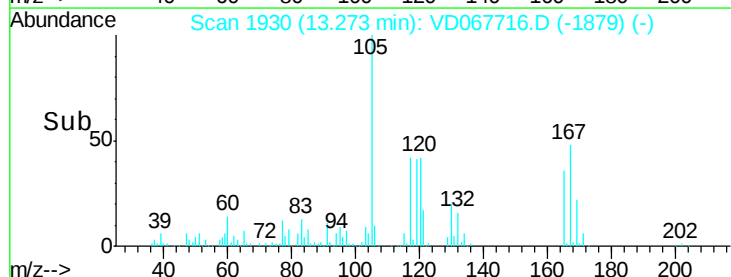
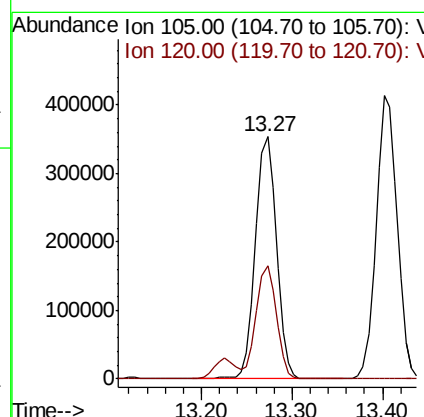
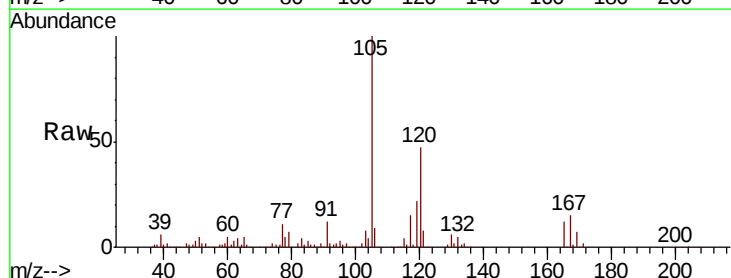
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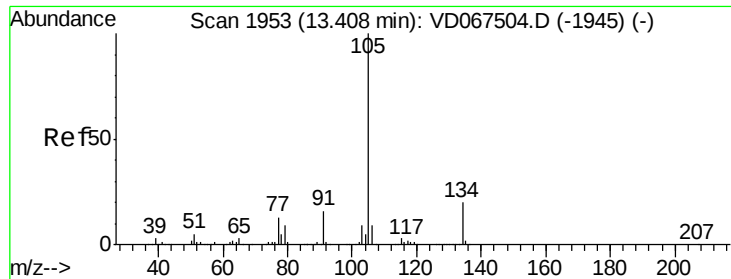
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#84
 1,2,4-Trimethylbenzene
 Concen: 59.377 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.1





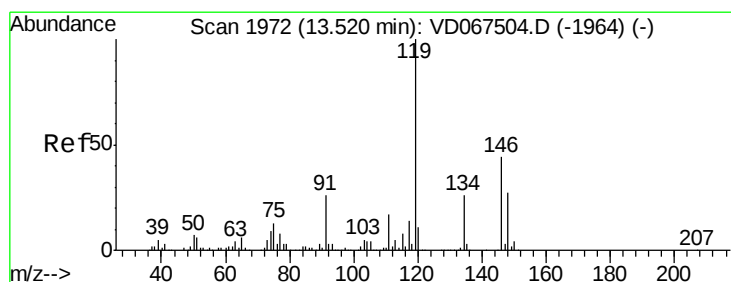
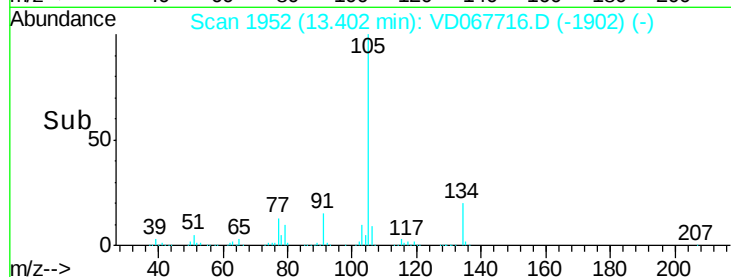
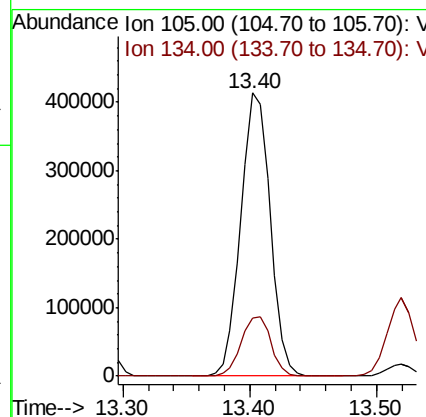
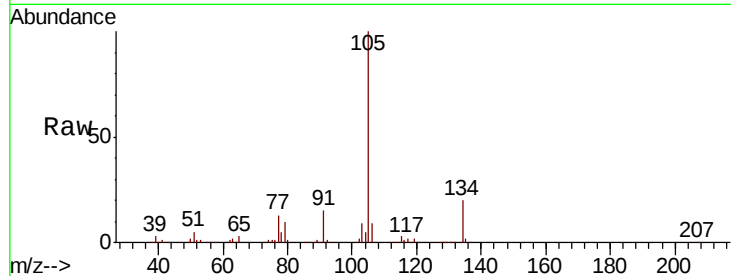
#85
 sec-Butylbenzene
 Concen: 60.028 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.4	31.4

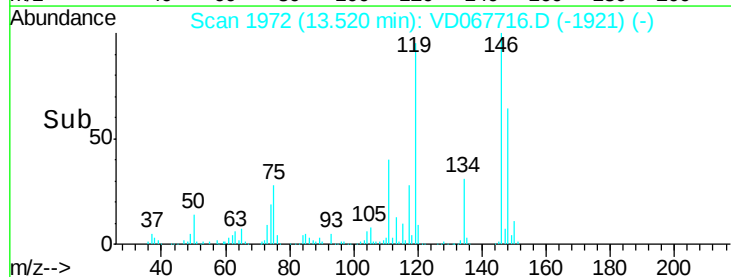
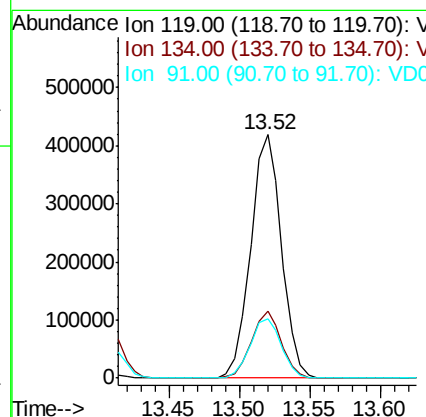
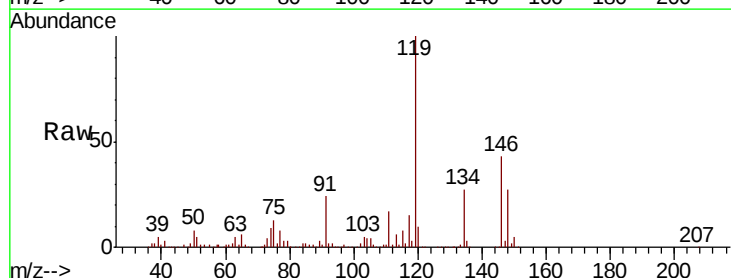
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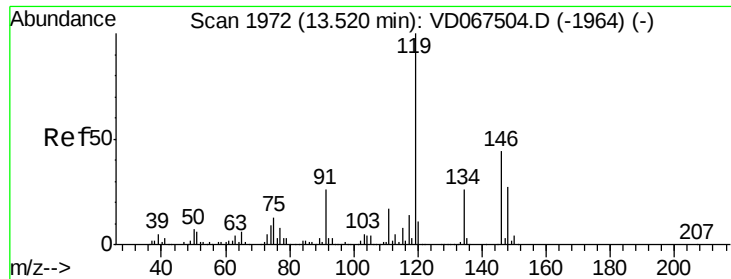
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#86
 p-Isopropyltoluene
 Concen: 59.816 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	24.9	12.2	36.4





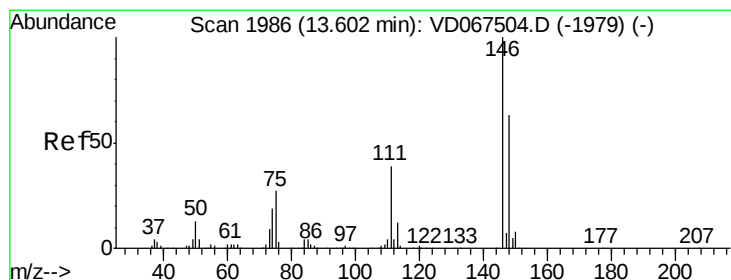
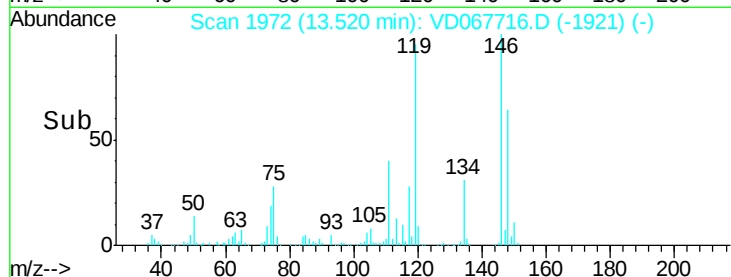
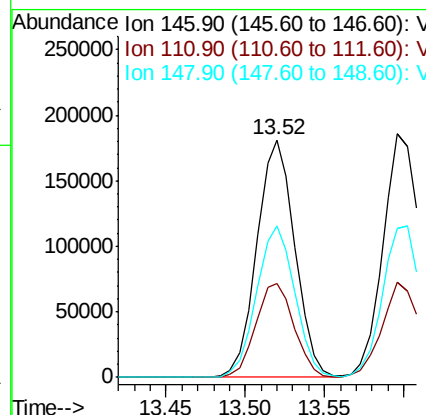
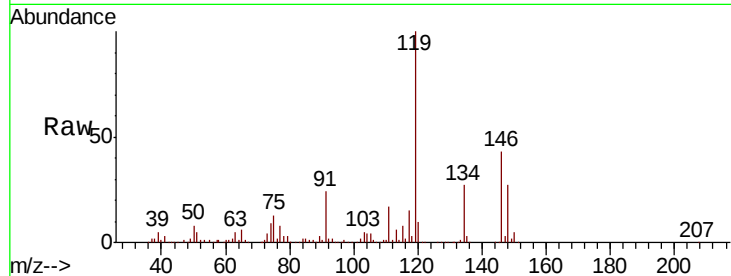
#87
 1,3-Dichlorobenzene
 Concen: 56.711 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	301211		
111	40.0	20.3	60.8	
148	64.6	31.9	95.9	

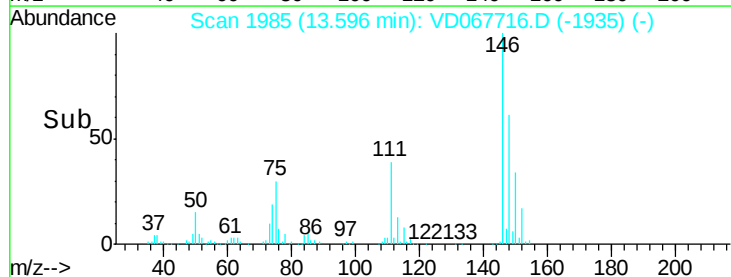
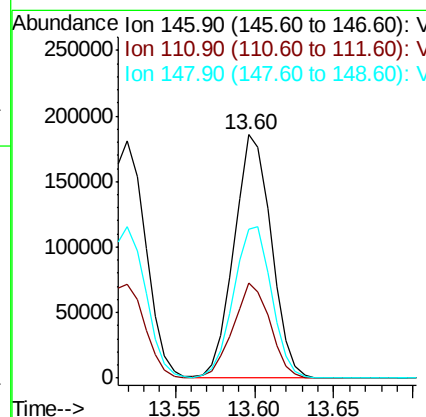
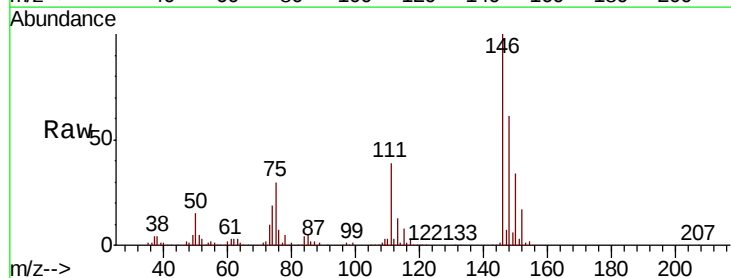
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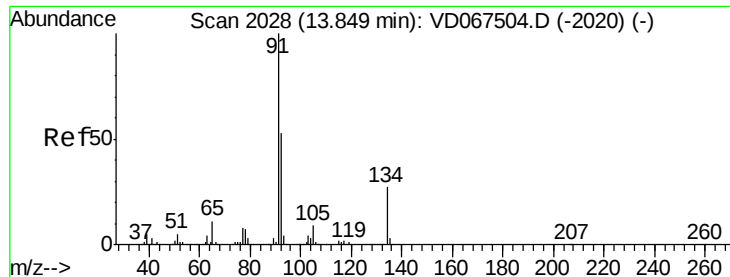
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#88
 1,4-Dichlorobenzene
 Concen: 56.389 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	303266		
111	39.0	19.6	58.7	
148	63.6	31.8	95.4	





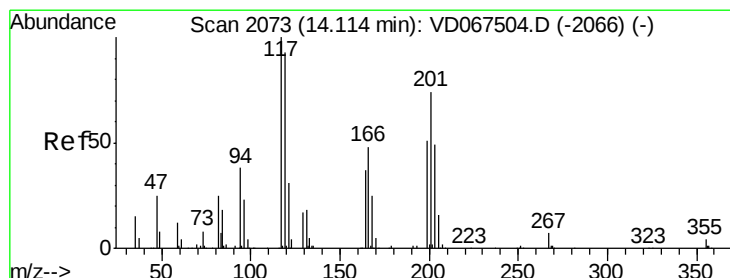
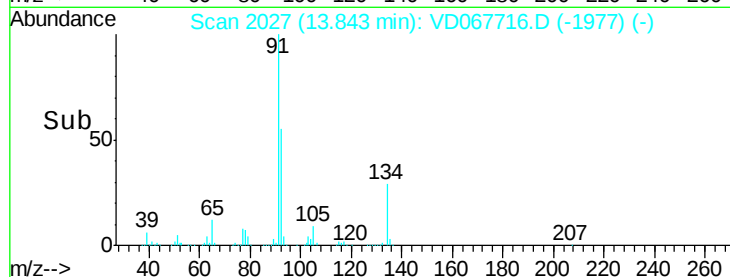
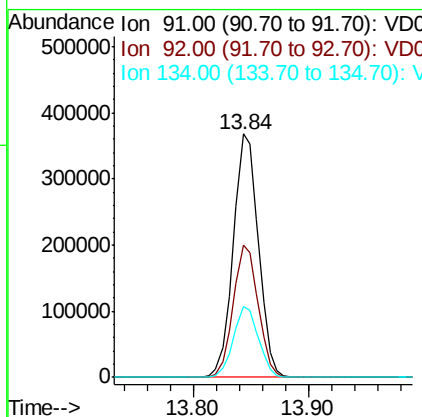
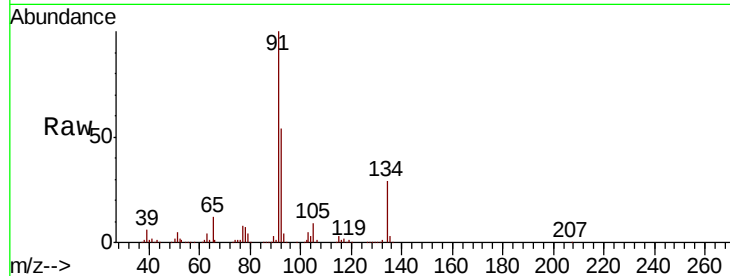
#89
n-Butylbenzene
Concen: 59.835 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.6	79.8
134	29.0	14.1	42.2

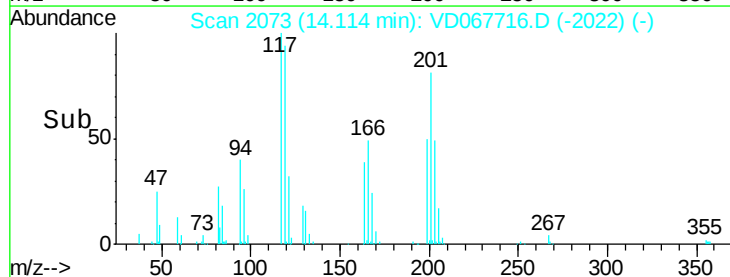
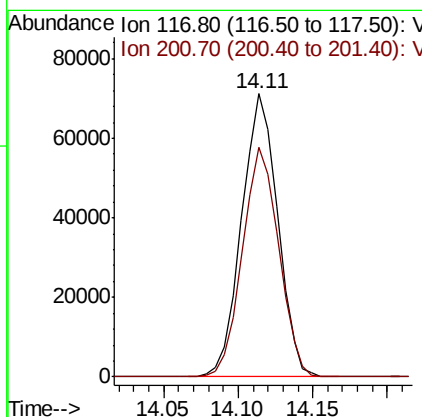
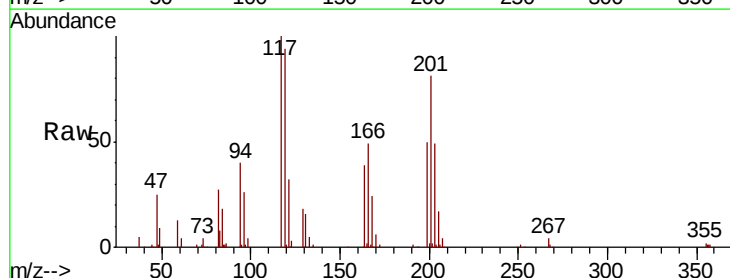
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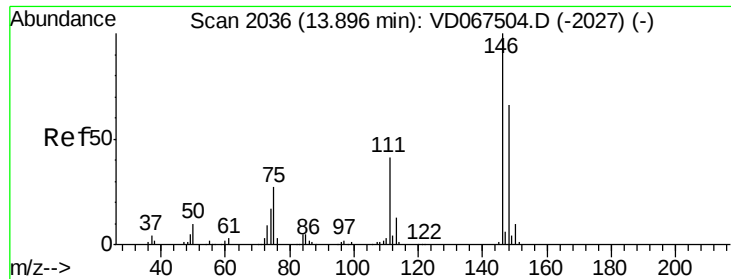
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#90
Hexachloroethane
Concen: 59.025 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	40.7	122.1





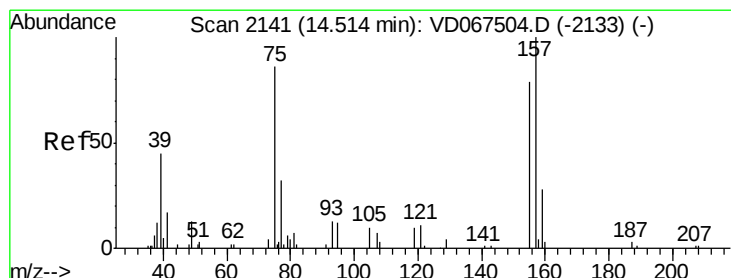
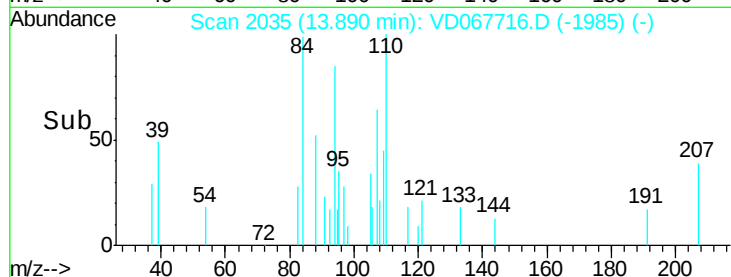
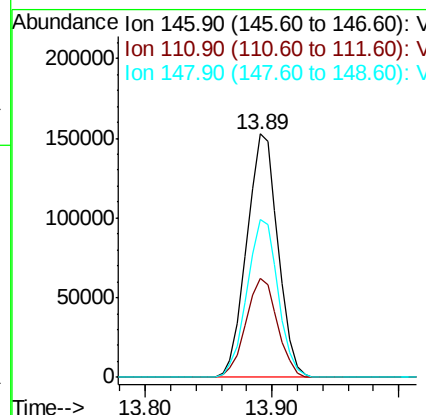
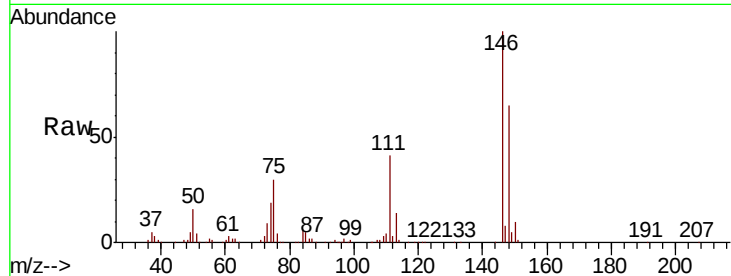
#91
 1,2-Dichlorobenzene
 Concen: 56.979 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.7	62.1
148	64.5	31.5	94.5

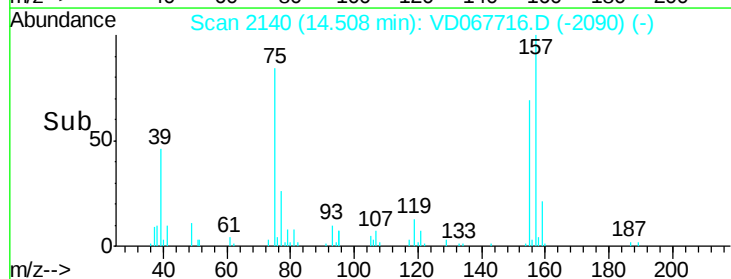
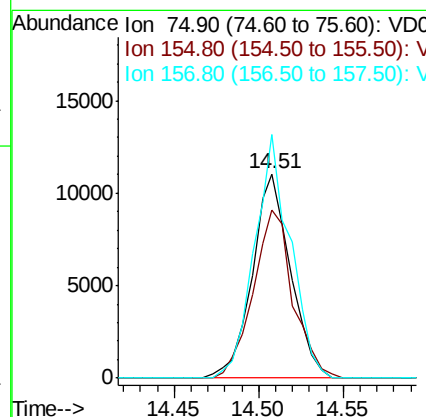
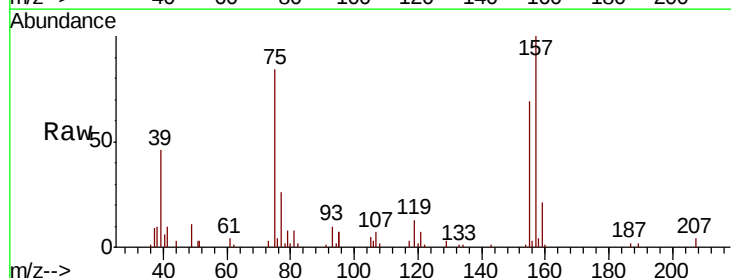
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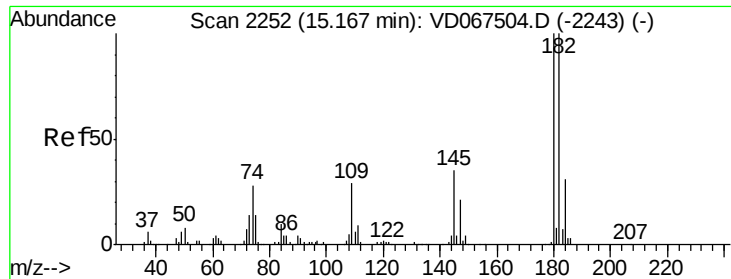
MMDadoda
 11/23/2020 1:41:26 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.327 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	46.6	139.8
157	111.9	58.1	174.2





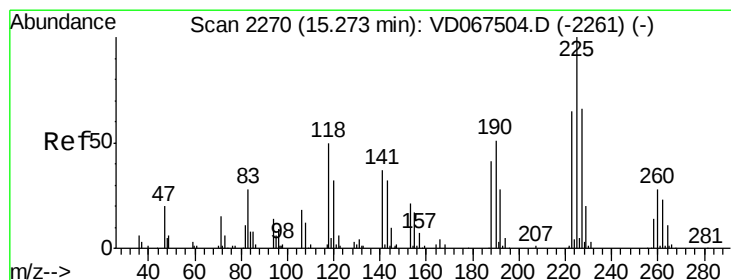
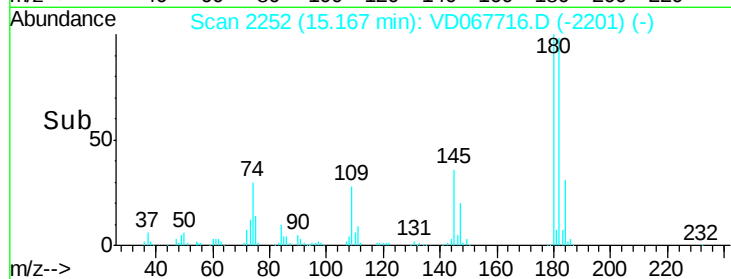
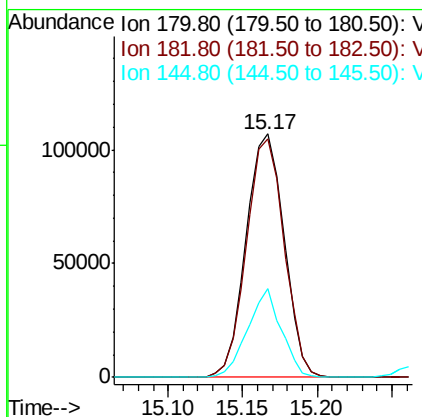
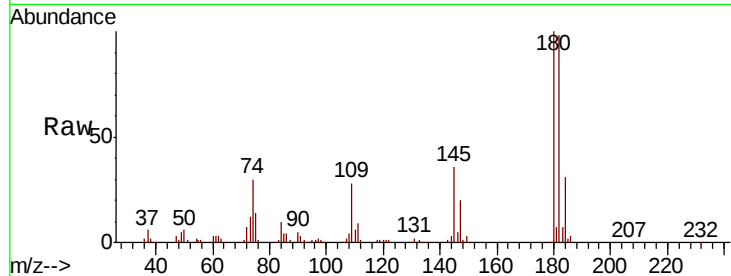
#93
 1,2,4-Trichlorobenzene
 Concen: 60.620 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189131		
182	96.9	47.4	142.3	
145	32.1	16.2	48.6	

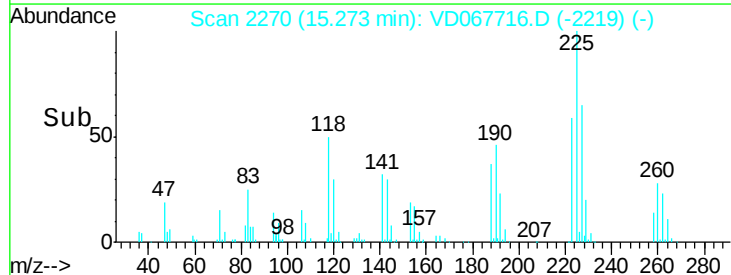
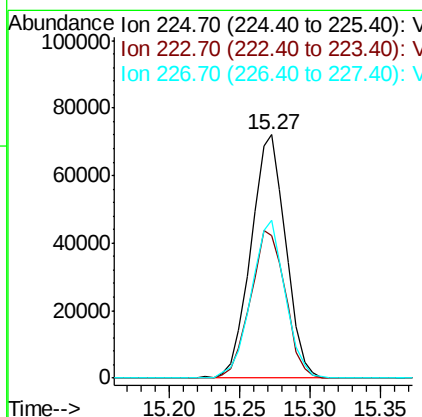
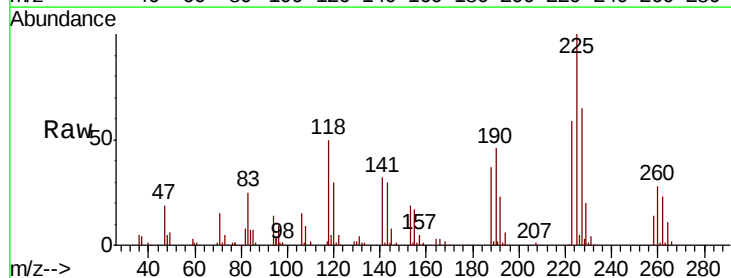
Manual Integrations
 APPROVED

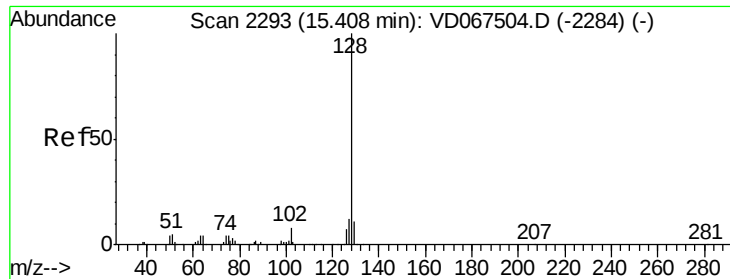
MMDadoda
 11/23/2020 1:41:26 PM



#94
 Hexachlorobutadiene
 Concen: 59.560 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067716.D
 Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124367		
223	61.1	31.9	95.5	
227	63.4	32.5	97.4	





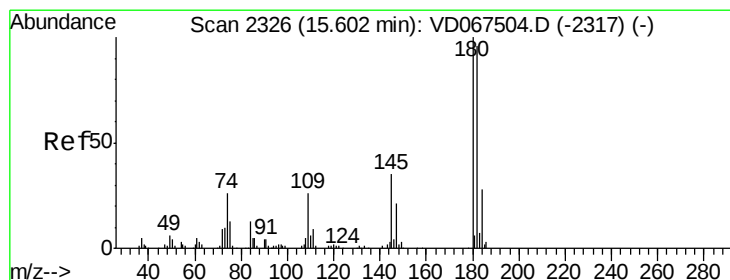
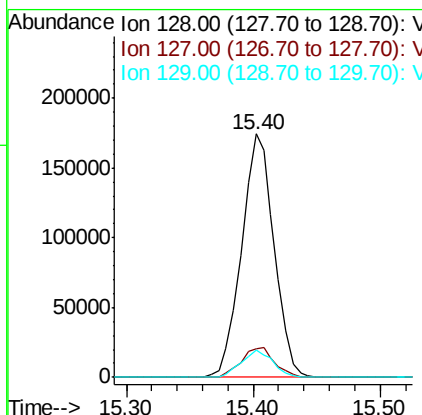
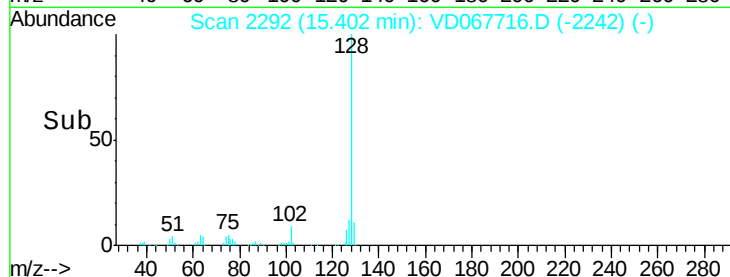
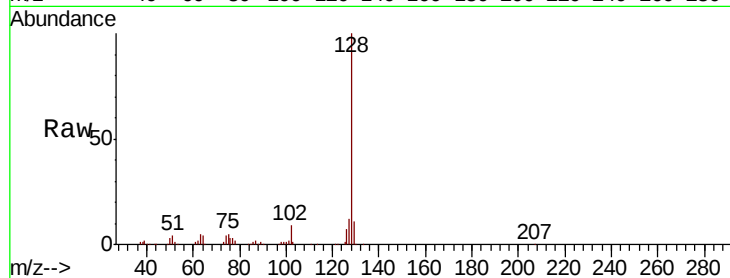
#95
Naphthalene
Concen: 64.142 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:41:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 59.929 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067716.D
Acq: 20 Nov 2020 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.8
145	34.5	17.1	51.2

