

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067337.D
 Acq On : 21 Oct 2020 10:07
 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
 10/22/2020 5:19:11 PM

Quant Time: Oct 22 00:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	319698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	456422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	217689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	157560	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.92	113	163686	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	
50) Toluene-d8	10.34	98	594654	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.64	95	202208	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	118702	45.897	ug/l	98
3) Chloromethane	2.21	50	85747	42.617	ug/l	98
4) Vinyl Chloride	2.35	62	97311	44.080	ug/l	93
5) Bromomethane	2.77	94	76445	49.750	ug/l	98
6) Chloroethane	2.92	64	62426	45.406	ug/l	94
7) Trichlorofluoromethane	3.27	101	256453	46.133	ug/l	99
8) Diethyl Ether	3.71	74	55524	43.650	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	136674	46.276	ug/l	98
10) Methyl Iodide	4.30	142	132426	48.607	ug/l	98
11) Tert butyl alcohol	5.21	59	32631	183.902	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	121842	46.178	ug/l	97
13) Acrolein	3.92	56	45909	240.711	ug/l	100
14) Allyl chloride	4.71	41	136211	45.079	ug/l	99
15) Acrylonitrile	5.42	53	96928	228.365	ug/l	100
16) Acetone	4.16	43	105298	234.744	ug/l	99
17) Carbon Disulfide	4.41	76	323196	42.967	ug/l	99
18) Methyl Acetate	4.71	43	45386	44.360	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	241663	46.062	ug/l	99
20) Methylene Chloride	4.97	84	134061	46.328	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	138860	45.732	ug/l	96
22) Diisopropyl ether	6.36	45	265615	48.121	ug/l	96
23) Vinyl Acetate	6.31	43	771232	245.592	ug/l	99
24) 1,1-Dichloroethane	6.26	63	221487	46.876	ug/l	98
25) 2-Butanone	7.21	43	115637	226.154	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	236567	48.575	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	156866	47.139	ug/l	98
28) Bromochloromethane	7.55	49	80687	50.066	ug/l #	97
29) Tetrahydrofuran	7.56	42	67207	236.451	ug/l	97
30) Chloroform	7.71	83	271846	48.162	ug/l	98
31) Cyclohexane	7.98	56	166670	45.180	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	270804	48.898	ug/l	100
36) 1,1-Dichloropropene	8.11	75	193216	49.946	ug/l	99
37) Ethyl Acetate	7.30	43	57514	50.532	ug/l #	91
38) Carbon Tetrachloride	8.10	117	254814	51.537	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	201556	49.838	ug/l	96
40) Benzene	8.36	78	526546	49.614	ug/l	97
41) Methacrylonitrile	7.53	41	33150m	53.898	ug/l	
42) 1,2-Dichloroethane	8.43	62	162675	48.980	ug/l	99
43) Isopropyl Acetate	8.46	43	111762	49.486	ug/l	99
44) Trichloroethene	9.11	130	168561	49.607	ug/l	95
45) 1,2-Dichloropropane	9.39	63	119574	48.615	ug/l	100
46) Dibromomethane	9.48	93	74596	48.678	ug/l	98
47) Bromodichloromethane	9.66	83	205869	50.141	ug/l	99
48) Methyl methacrylate	9.46	41	54987	50.101	ug/l	97
49) 1,4-Dioxane	9.46	88	14237	958.763	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	283055	251.283	ug/l	97
52) Toluene	10.41	92	370443	51.249	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	185910	51.545	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	213801	50.652	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	103891	49.716	ug/l	96
56) Ethyl methacrylate	10.66	69	108437	50.034	ug/l	97
57) 1,3-Dichloropropane	10.95	76	164017	49.319	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	296221	266.435	ug/l	99
59) 2-Hexanone	10.98	43	203263	264.070	ug/l	99
60) Dibromochloromethane	11.14	129	150583	49.411	ug/l	96
61) 1,2-Dibromoethane	11.25	107	101431	49.235	ug/l	100
64) Tetrachloroethene	10.88	164	149287	48.117	ug/l	96
65) Chlorobenzene	11.67	112	398923	48.581	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	164307	50.344	ug/l	98
67) Ethyl Benzene	11.75	91	708640	50.343	ug/l	100
68) m/p-Xylenes	11.86	106	554549	102.305	ug/l	97
69) o-Xylene	12.18	106	251190	50.043	ug/l	95
70) Styrene	12.20	104	439311	50.842	ug/l	99
71) Bromoform	12.37	173	86605	49.395	ug/l #	100
73) Isopropylbenzene	12.48	105	719357	52.067	ug/l	100
74) N-amyl acetate	12.29	43	101103	48.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	102307	48.328	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76608m	50.774	ug/l	
77) Bromobenzene	12.76	156	171637	49.830	ug/l	98
78) n-propylbenzene	12.83	91	818731	51.146	ug/l	99
79) 2-Chlorotoluene	12.91	91	468247	50.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	619323	51.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	33030	49.644	ug/l	98
82) 4-Chlorotoluene	13.01	91	497221	50.466	ug/l	99
83) tert-Butylbenzene	13.23	119	533353	52.590	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	610151	51.418	ug/l	99
85) sec-Butylbenzene	13.41	105	717290	51.545	ug/l	100
86) p-Isopropyltoluene	13.52	119	675970	51.464	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	327465	49.393	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	321510	48.947	ug/l	100
89) n-Butylbenzene	13.85	91	600687	51.984	ug/l	99
90) Hexachloroethane	14.11	117	112828	49.225	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	280833	48.489	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17593	45.745	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	199611	51.118	ug/l	98
94) Hexachlorobutadiene	15.27	225	126419	52.133	ug/l	98
95) Naphthalene	15.41	128	320826	50.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	169771	50.325	ug/l	98

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

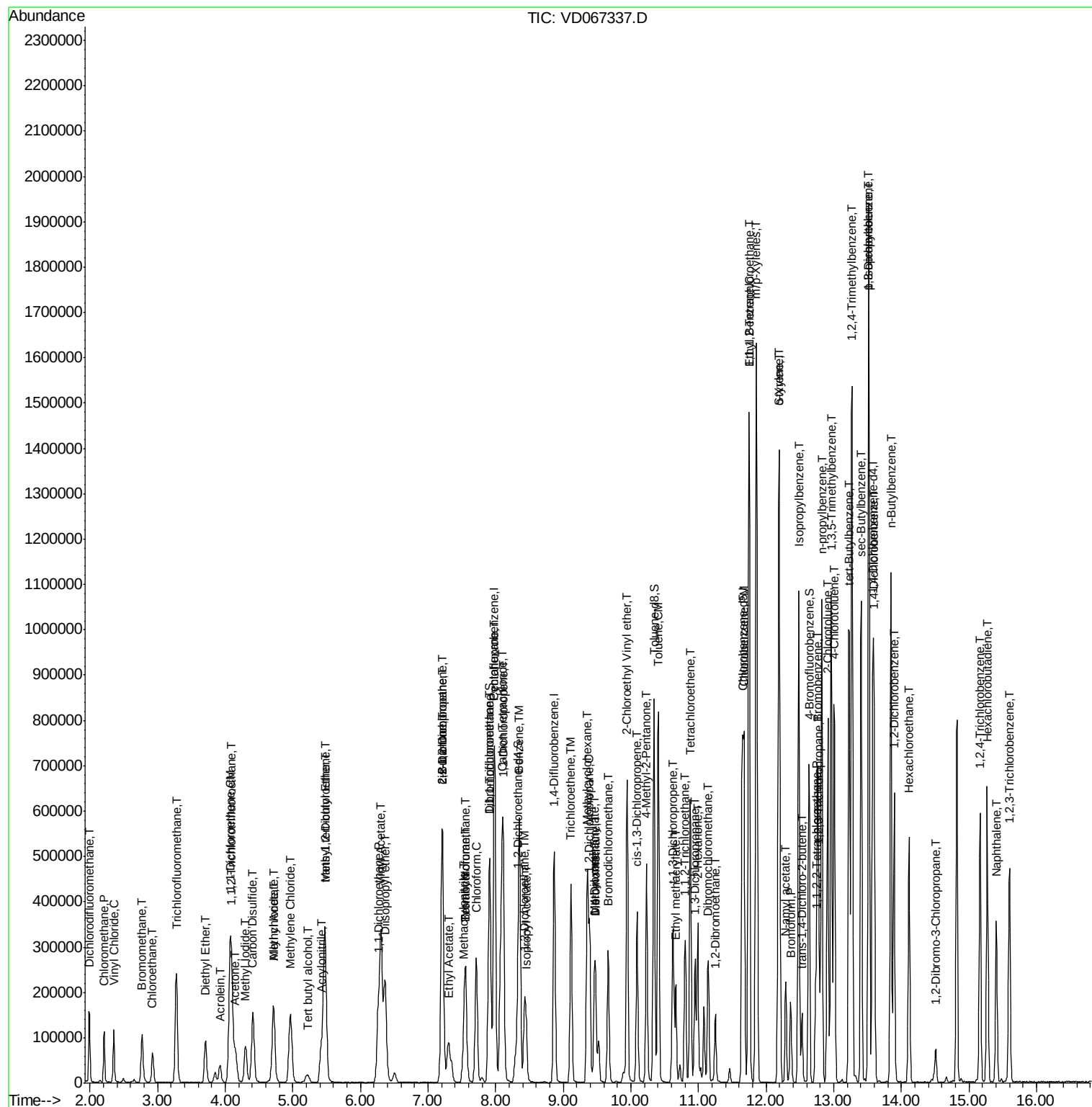
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Data File : VD067337.D
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Operator : VA/SY
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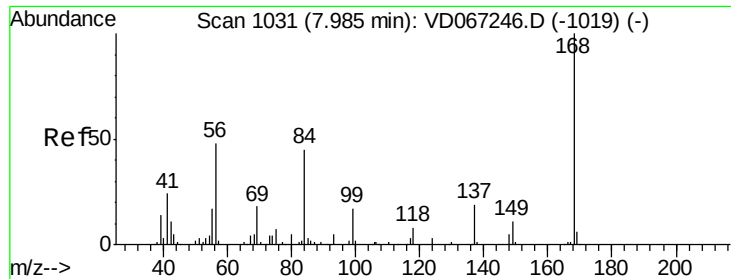
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 319698

Ion Ratio Lower Upper

168 100

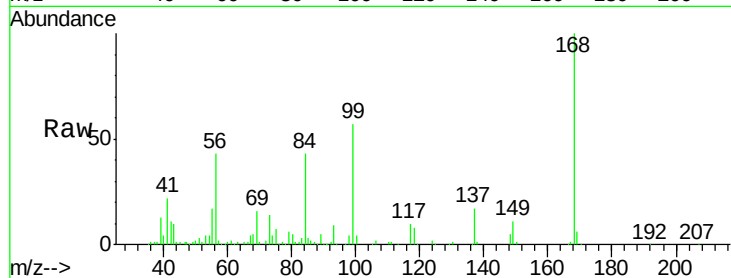
99 56.7 45.9 68.9

Manual Integrations

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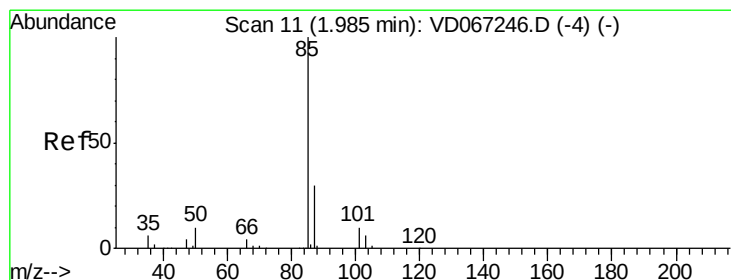
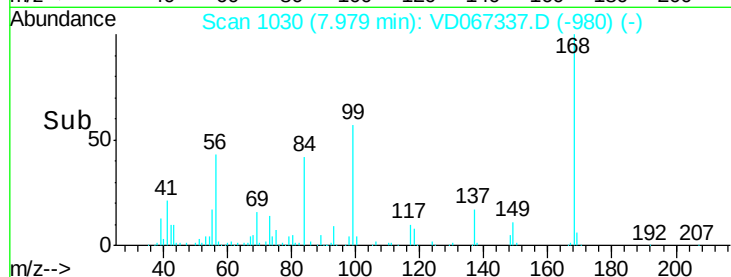
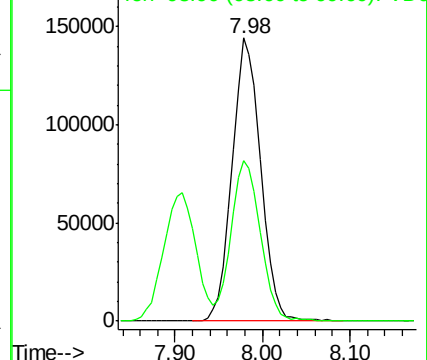
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 45.897 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067337.D

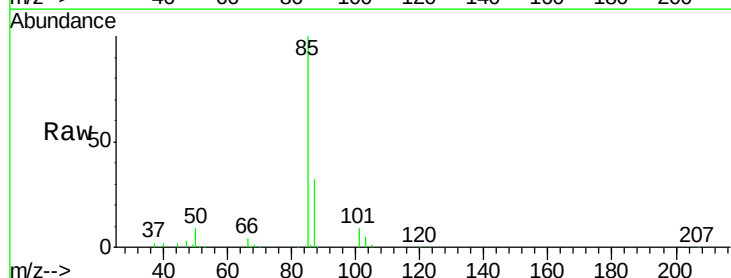
Acq: 21 Oct 2020 10:07

Tgt Ion: 85 Resp: 118702

Ion Ratio Lower Upper

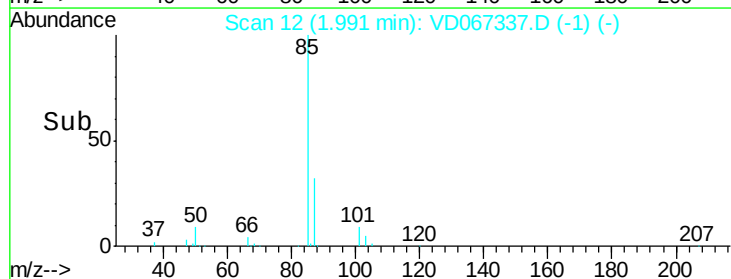
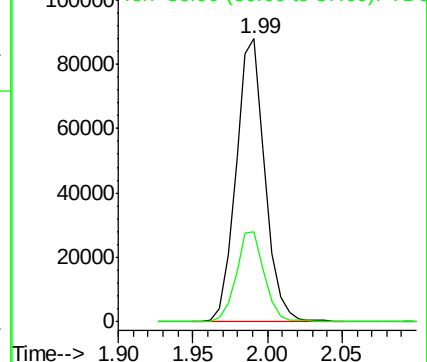
85 100

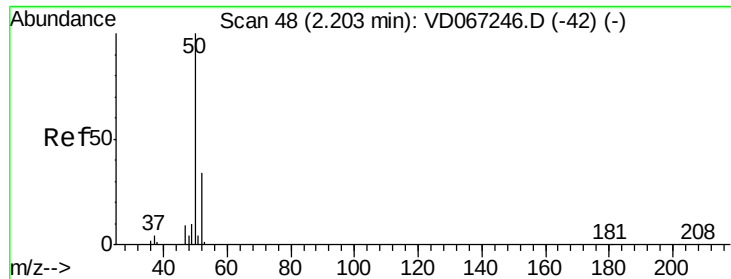
87 31.8 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





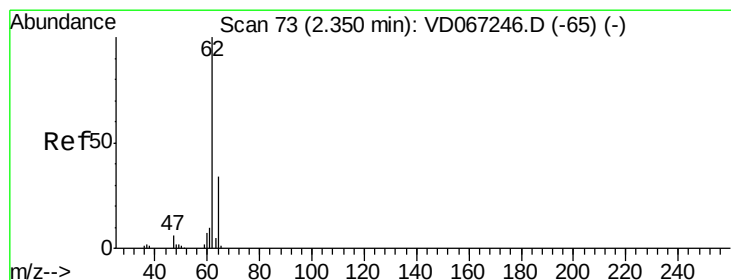
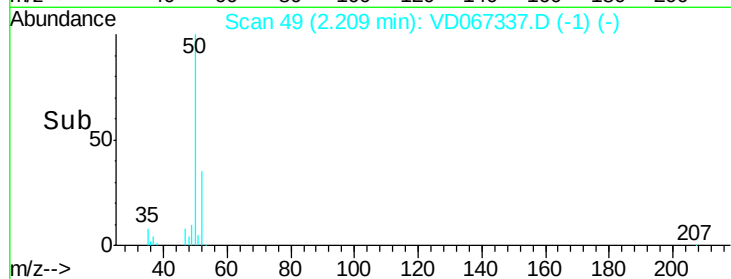
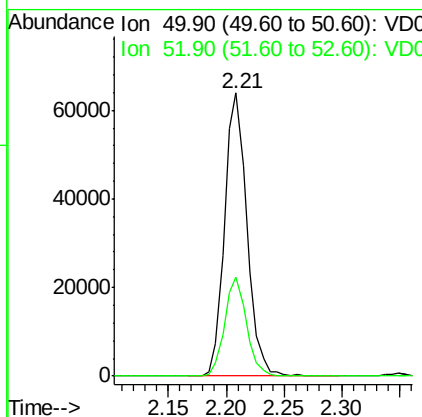
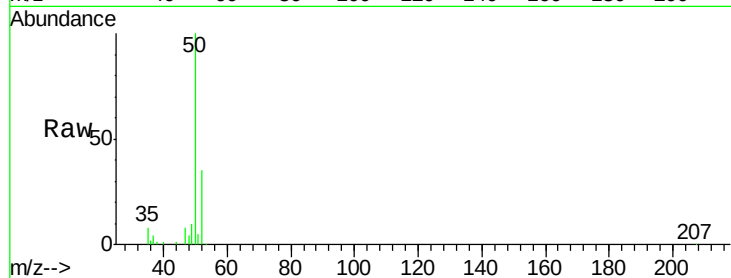
#3
Chloromethane
Concen: 42.617 ug/l
RT: 2.21 min Scan# 49
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	35.1	27.1	40.7

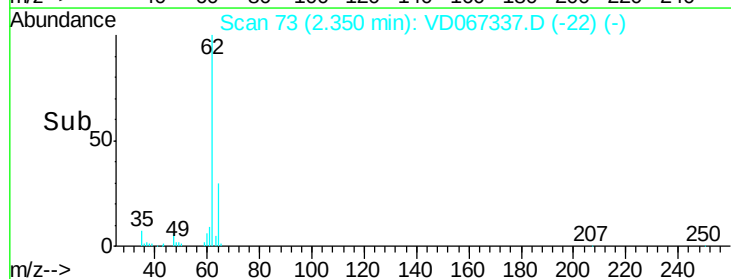
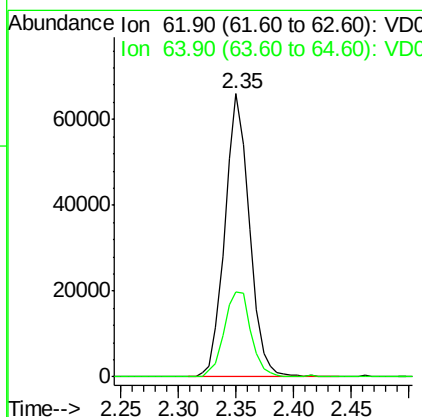
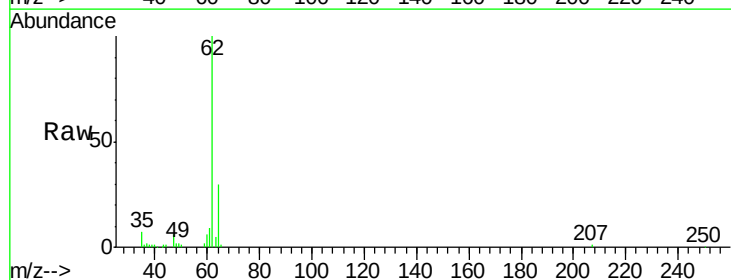
Manual Integrations
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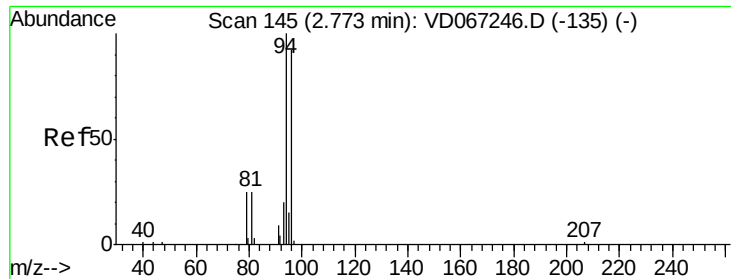
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#4
Vinyl Chloride
Concen: 44.080 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.1	27.4	41.0





#5

Bromomethane

Concen: 49.750 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 76445

Ion Ratio Lower Upper

94 100

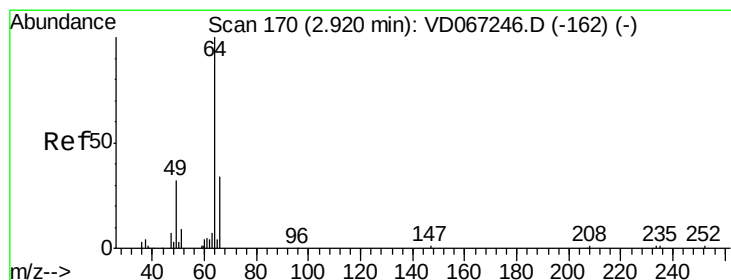
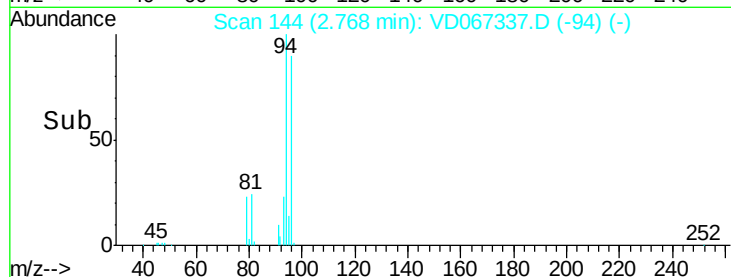
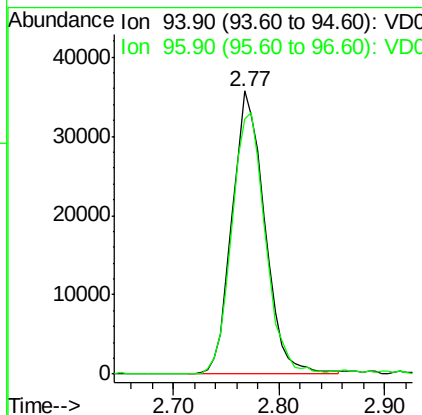
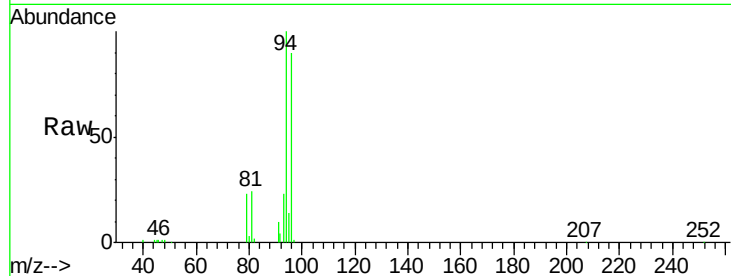
96 90.3 73.8 110.6

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#6

Chloroethane

Concen: 45.406 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067337.D

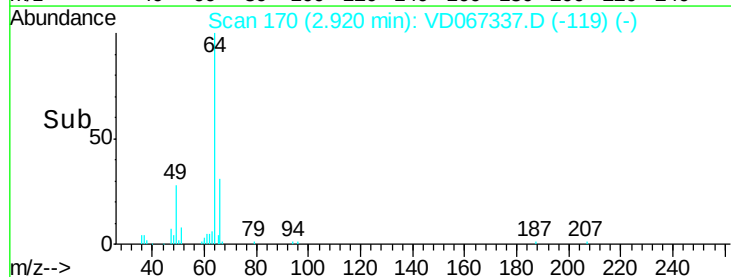
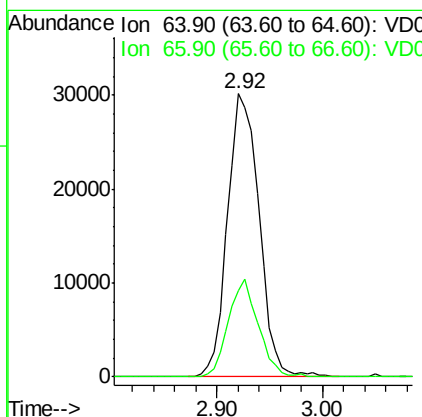
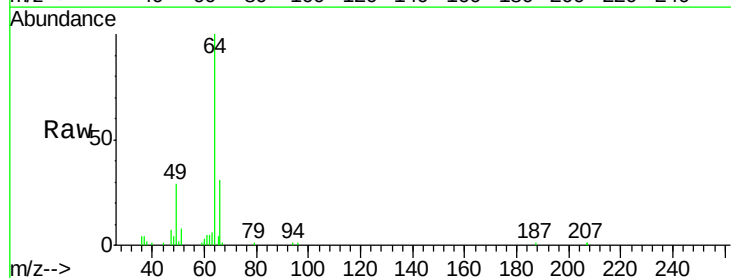
Acq: 21 Oct 2020 10:07

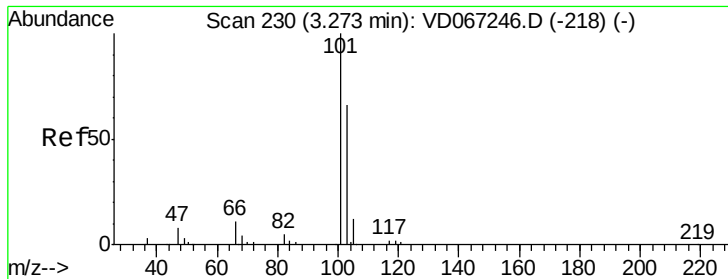
Tgt Ion: 64 Resp: 62426

Ion Ratio Lower Upper

64 100

66 30.7 27.4 41.0





#7

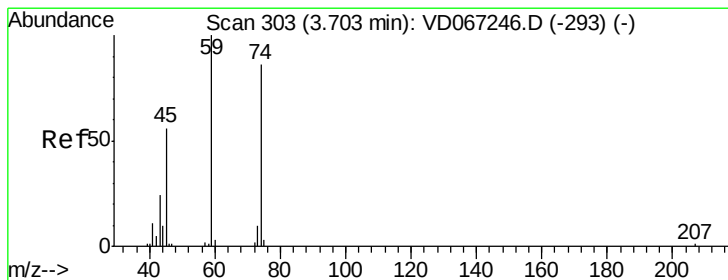
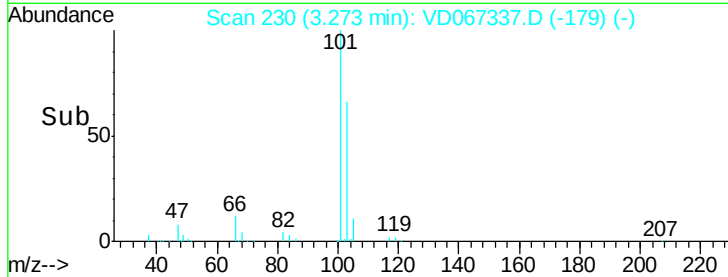
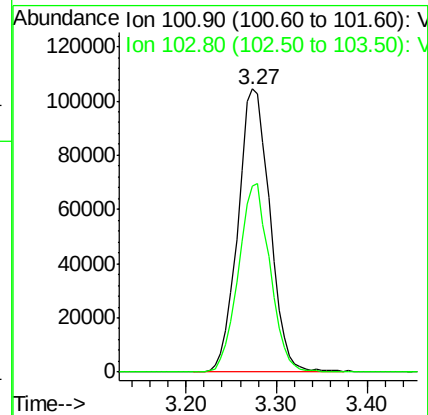
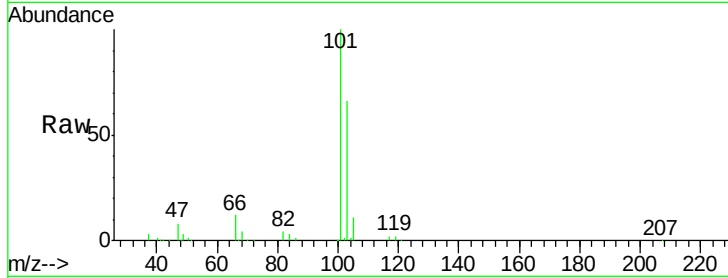
Trichlorofluoromethane
Concen: 46.133 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.1	79.7

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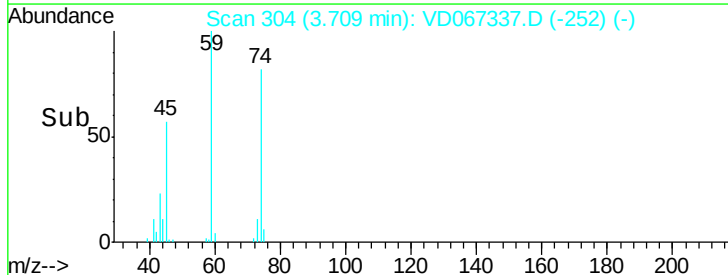
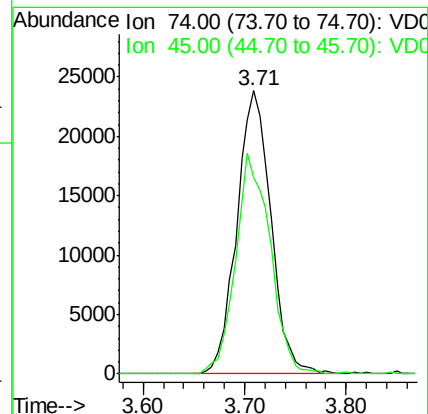
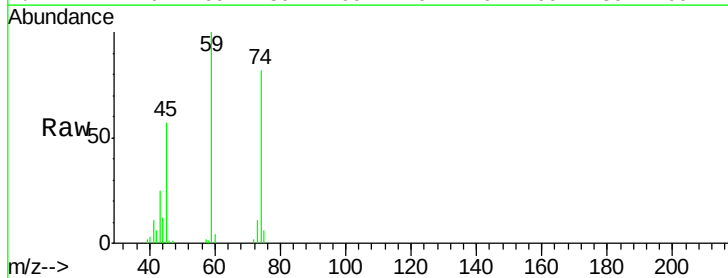
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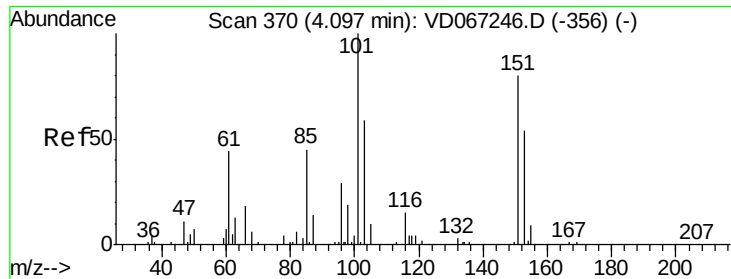


#8

Diethyl Ether
Concen: 43.650 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.0	37.0	111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.276 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

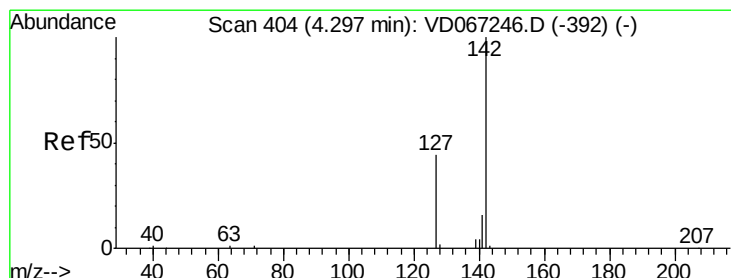
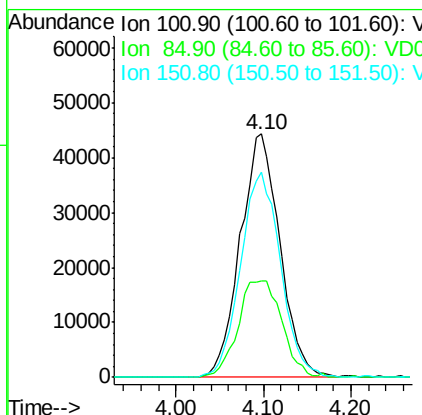
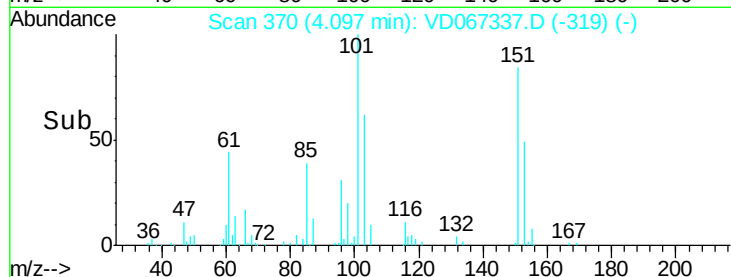
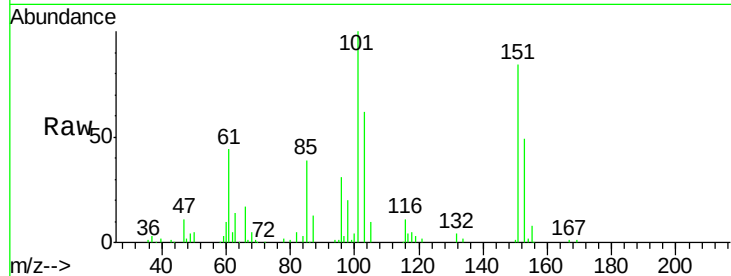
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136674		
85	43.6	34.2	51.4	
151	85.2	66.3	99.5	

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#10

Methyl Iodide

Concen: 48.607 ug/l

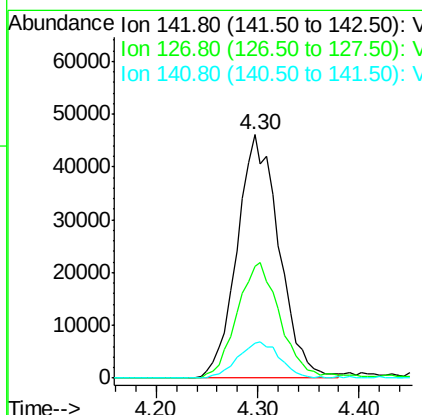
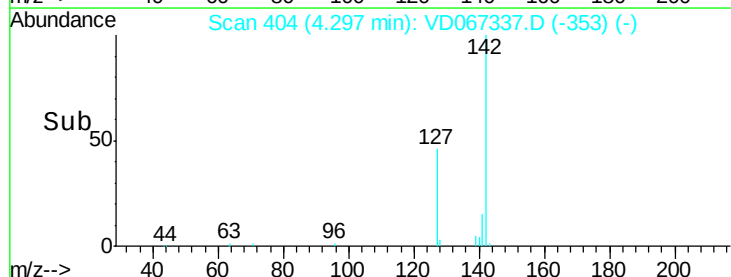
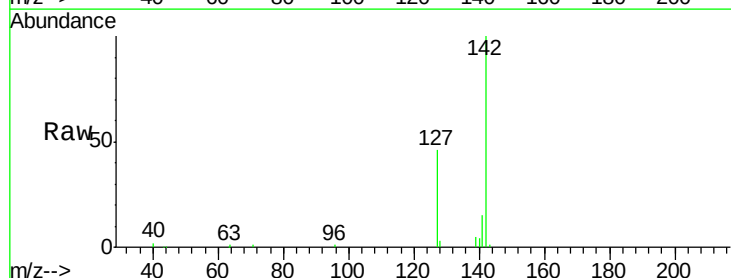
RT: 4.30 min Scan# 404

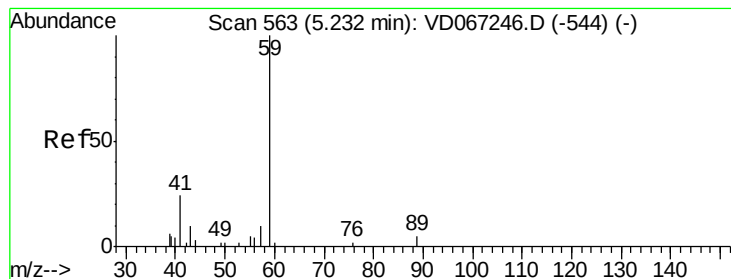
Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	132426		
127	49.3	38.4	57.6	
141	15.0	11.6	17.4	





#11

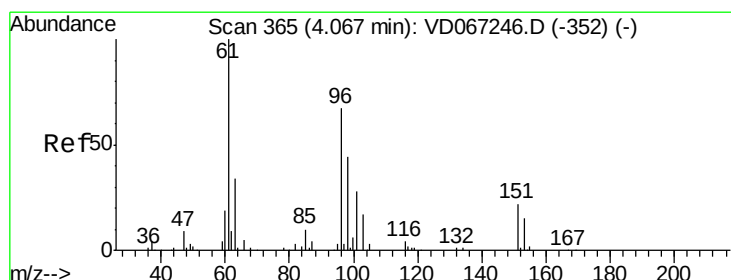
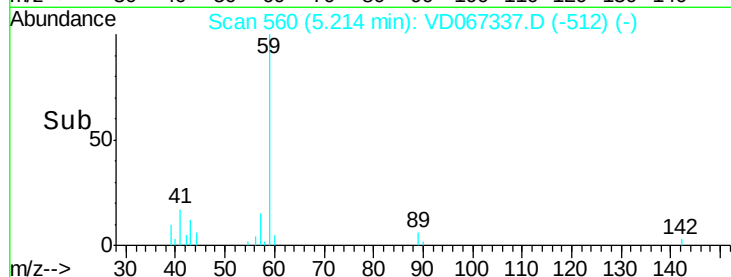
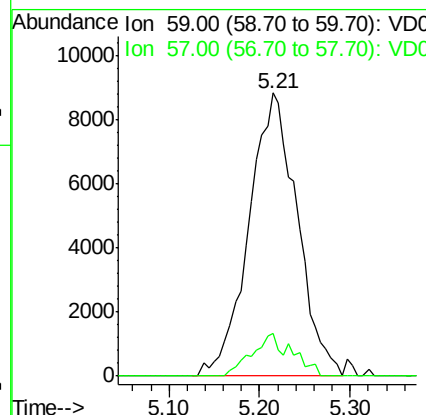
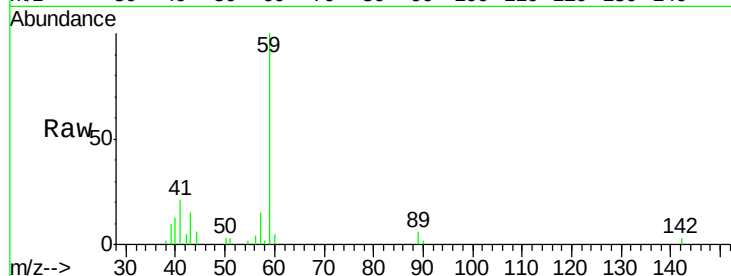
Tert butyl alcohol
 Concen: 183.902 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	32631		
57	57	8.7		5.1	7.7#

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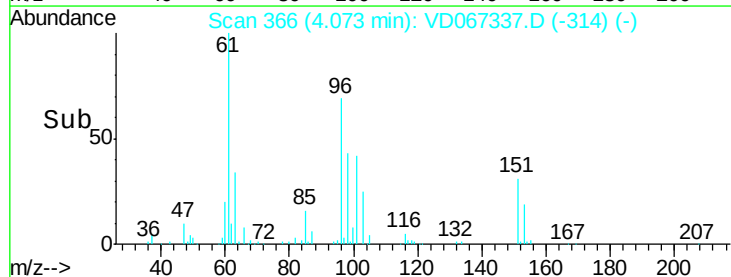
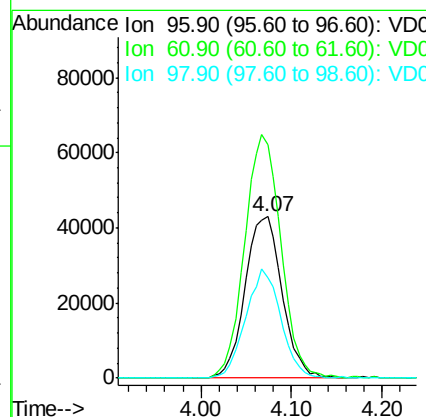
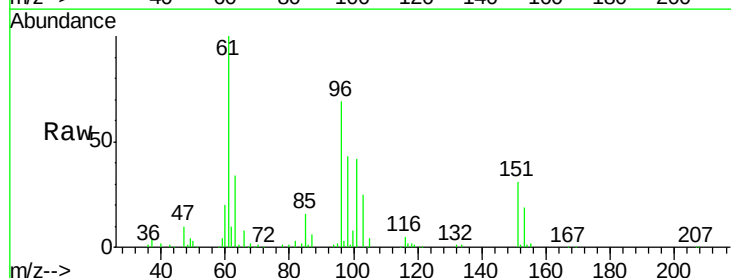
MMDadoda
 10/22/2020 5:19:11 PM

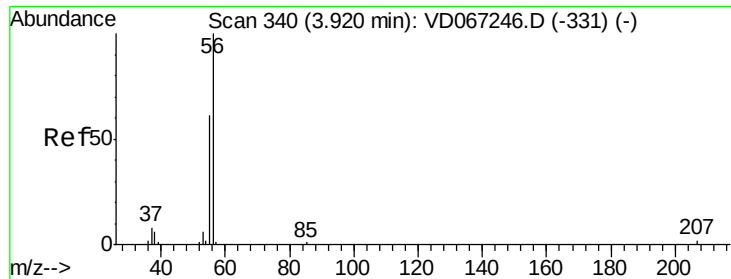


#12

1,1-Dichloroethene
 Concen: 46.178 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	121842		
61	61	144.6		118.6	177.8
98	98	62.2		51.8	77.6





#13

Acrolein

Concen: 240.711 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45909

Ion Ratio Lower Upper

56 100

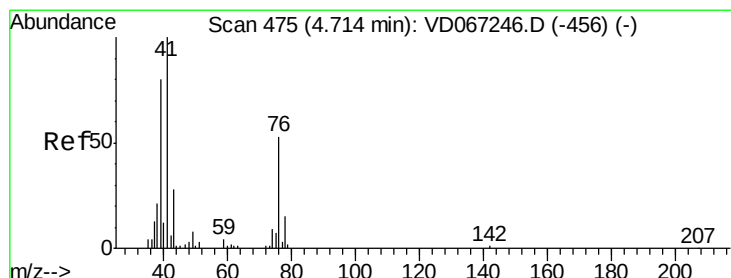
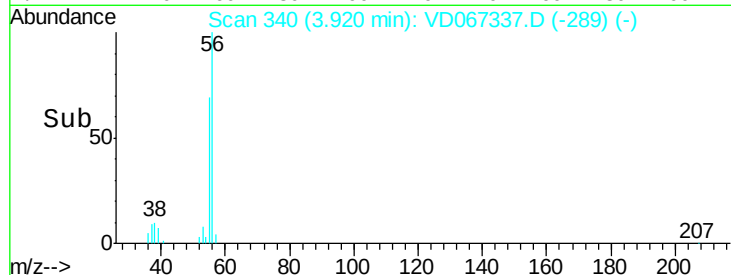
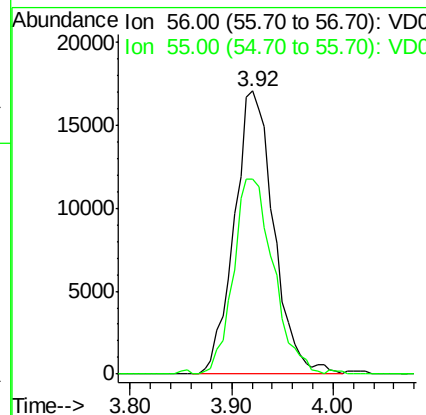
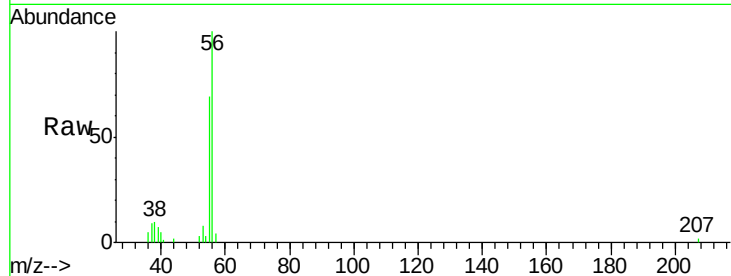
55 70.1 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 45.079 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

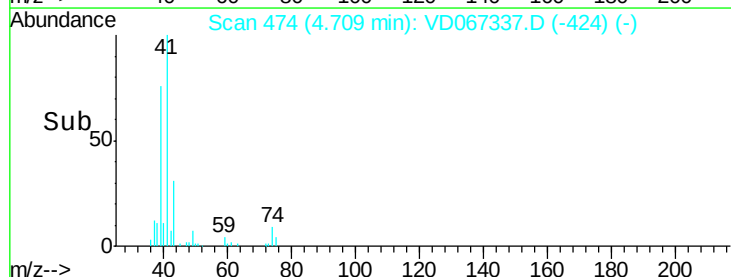
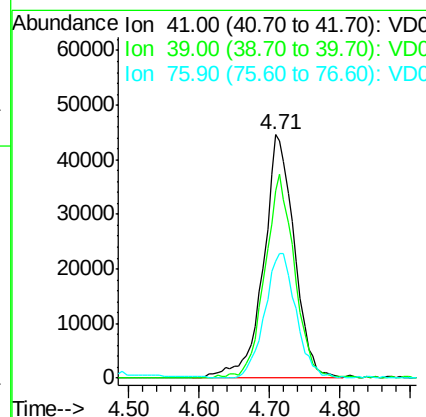
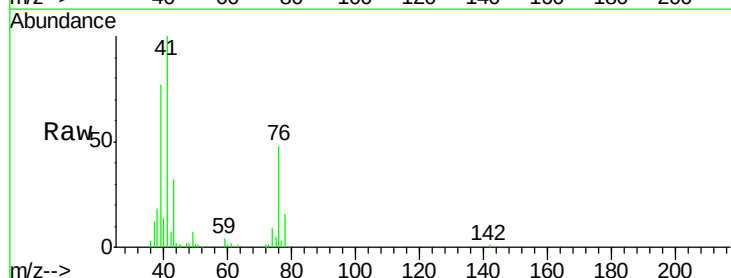
Tgt Ion: 41 Resp: 136211

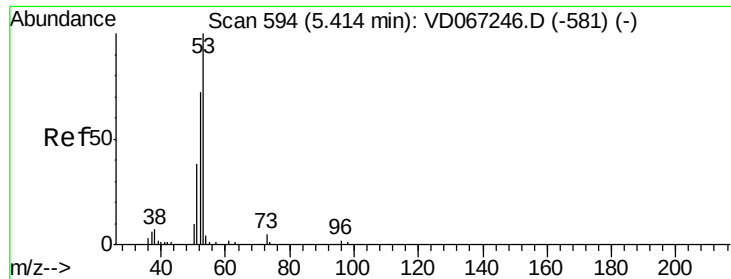
Ion Ratio Lower Upper

41 100

39 80.0 63.8 95.6

76 51.9 40.4 60.6





#15

Acrylonitrile

Concen: 228.365 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

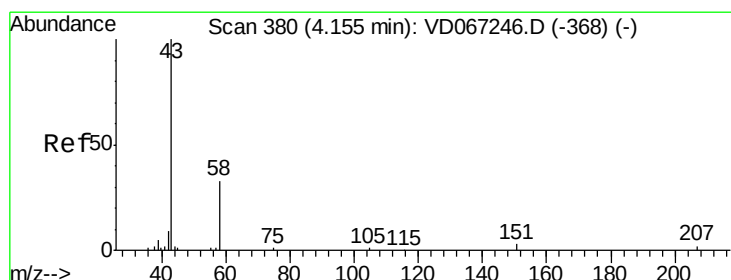
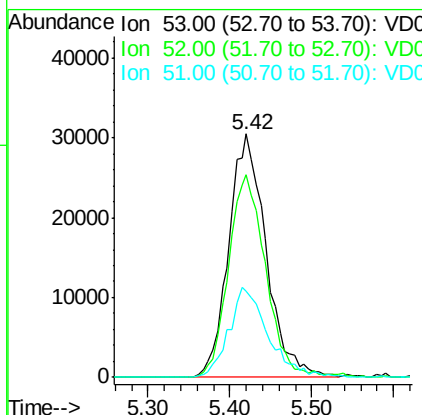
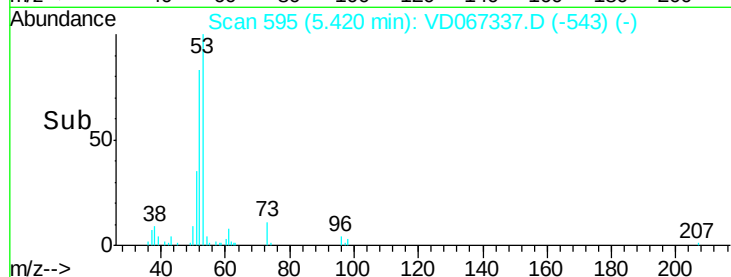
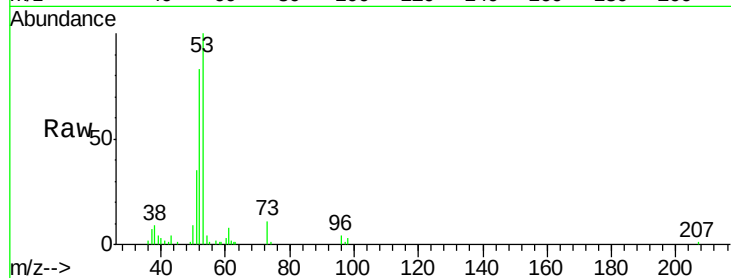
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	96928
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.6	98.4
51	38.6	30.8	46.2

Manual Integrations
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#16

Acetone

Concen: 234.744 ug/l

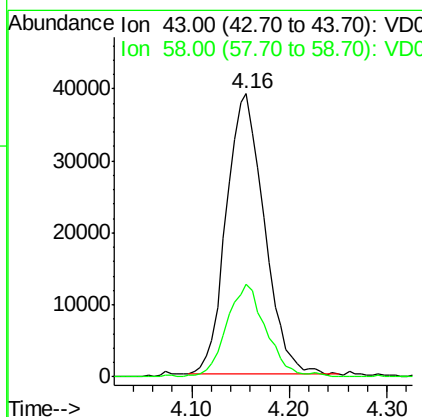
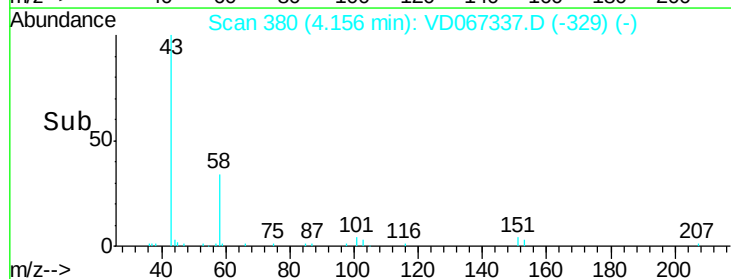
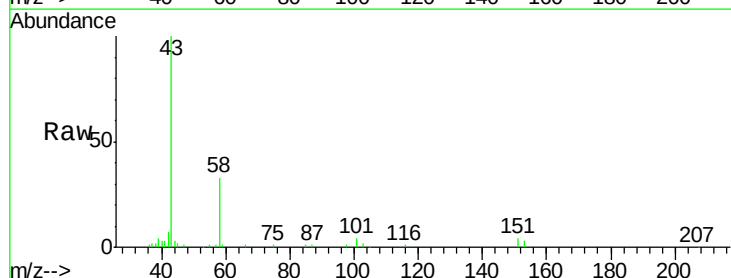
RT: 4.16 min Scan# 380

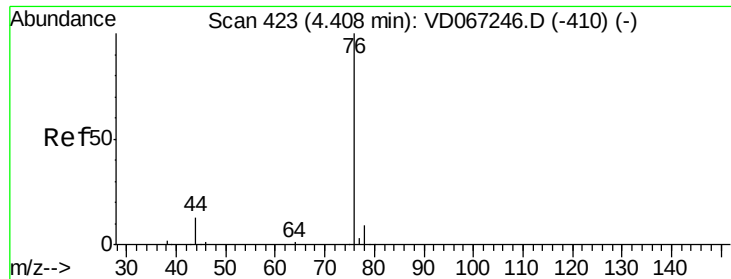
Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion:	43	Resp:	105298
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.1	39.1





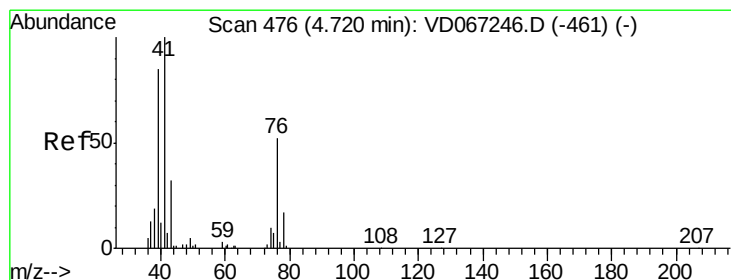
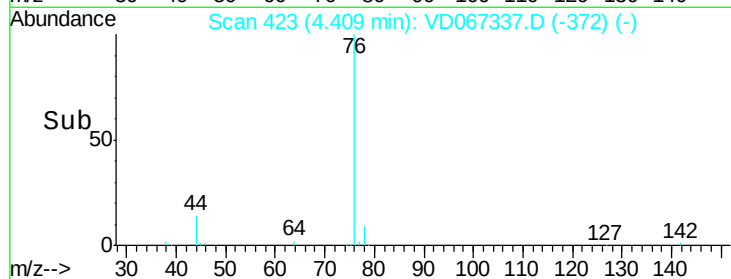
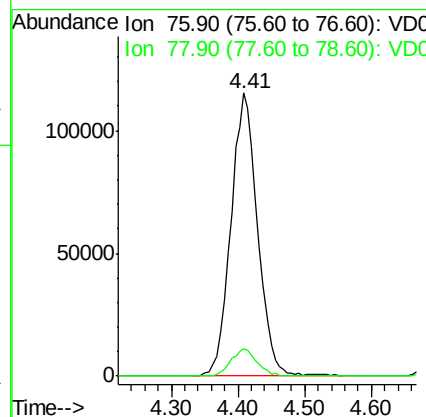
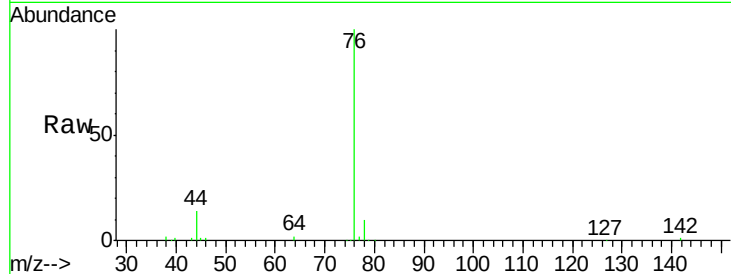
#17
Carbon Disulfide
Concen: 42.967 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.0

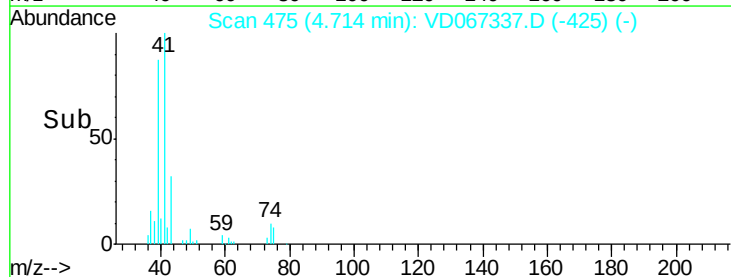
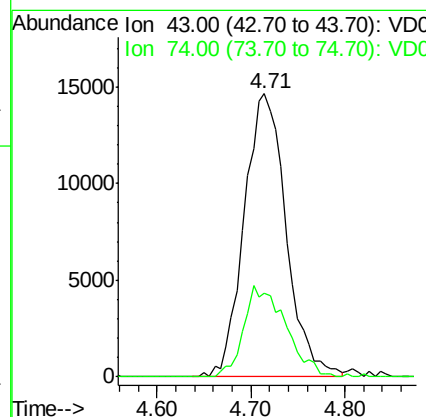
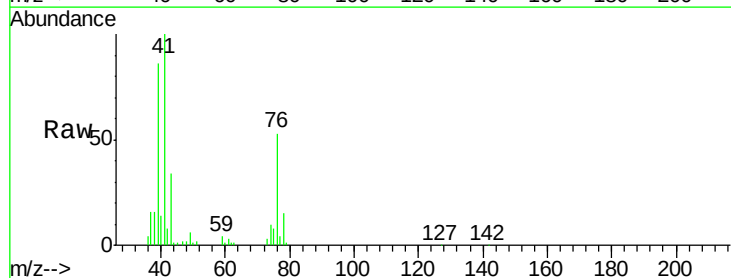
Manual Integrations
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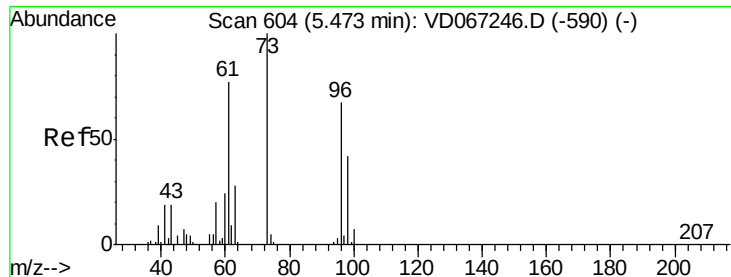
MMDadoda
10/22/2020 5:19:11 PM



#18
Methyl Acetate
Concen: 44.360 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.0	26.6	39.8





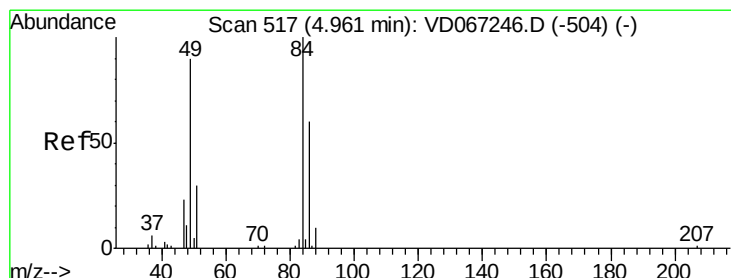
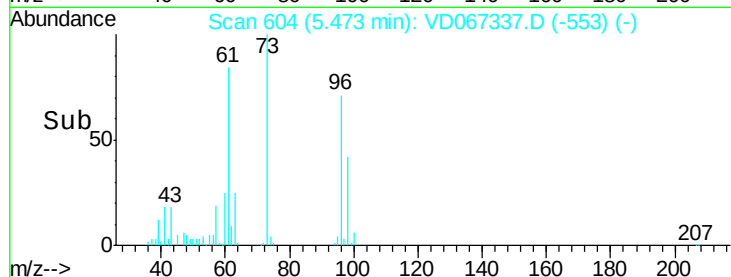
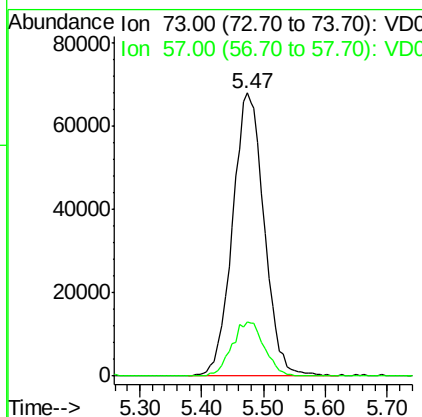
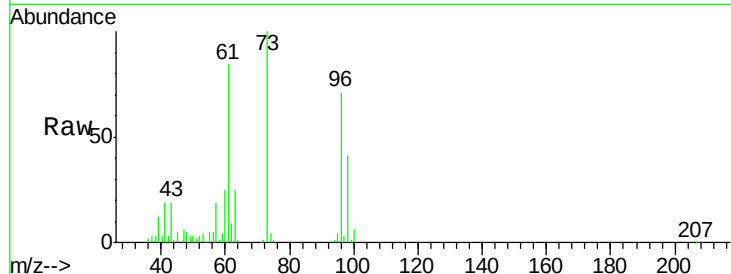
#19
Methyl tert-butyl Ether
Concen: 46.062 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 241663
Ion Ratio Lower Upper
73 100
57 19.3 15.7 23.5

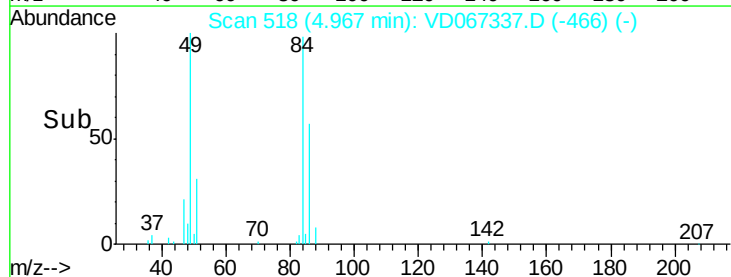
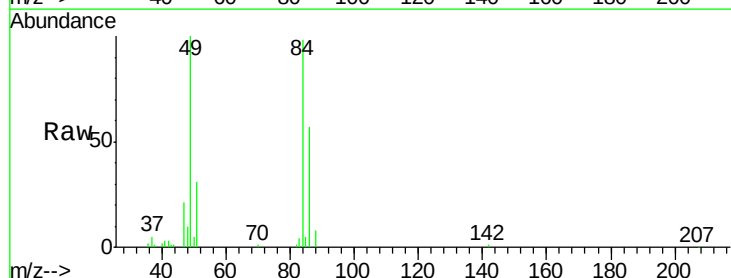
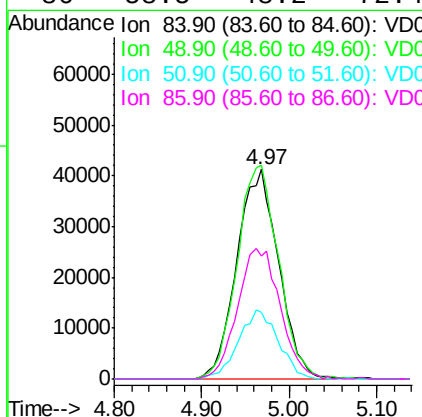
Manual Integrations
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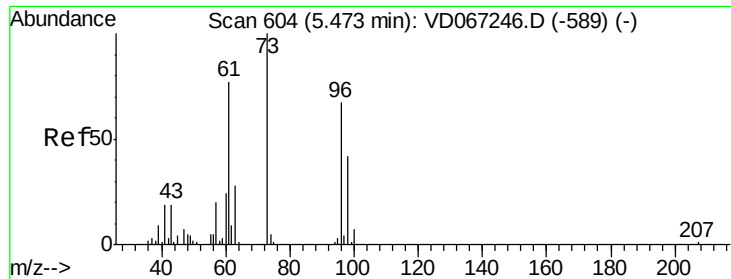
MMDadoda
10/22/2020 5:19:11 PM



#20
Methylene Chloride
Concen: 46.328 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 84 Resp: 134061
Ion Ratio Lower Upper
84 100
49 102.0 72.2 108.2
51 31.7 23.8 35.8
86 58.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 45.732 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

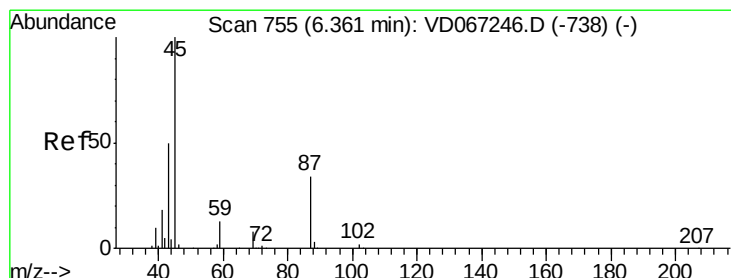
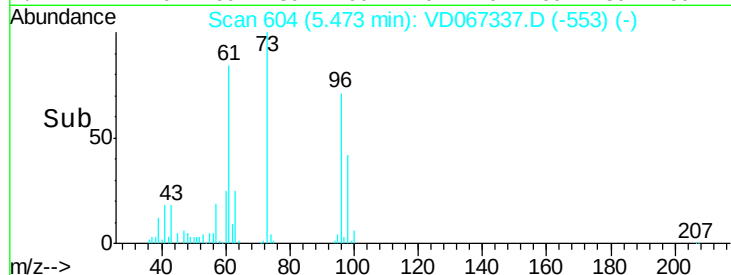
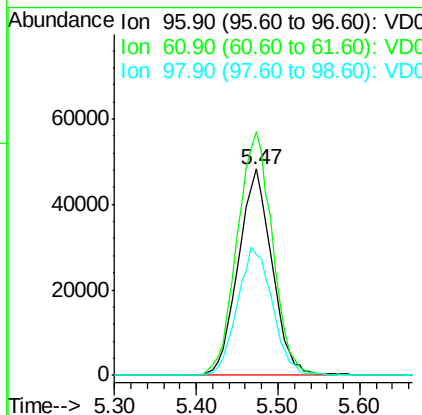
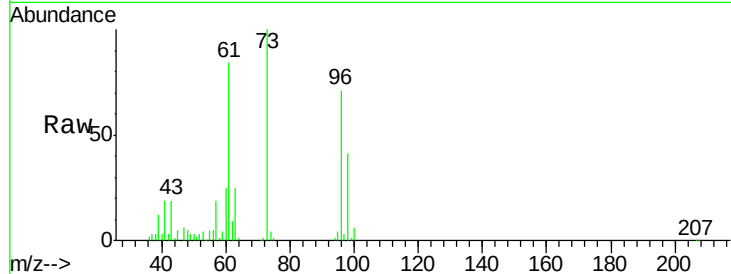
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138860
Ion	Ratio	Lower	Upper
96	100		
61	118.2	92.0	138.0
98	58.5	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.121 ug/l

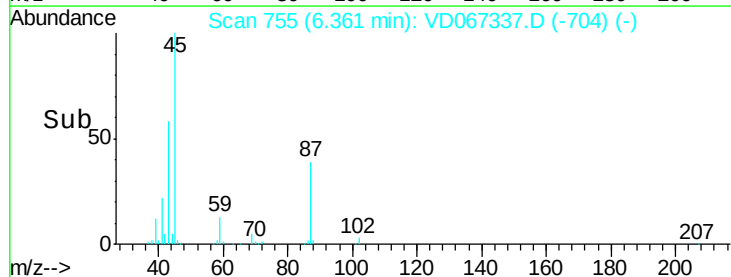
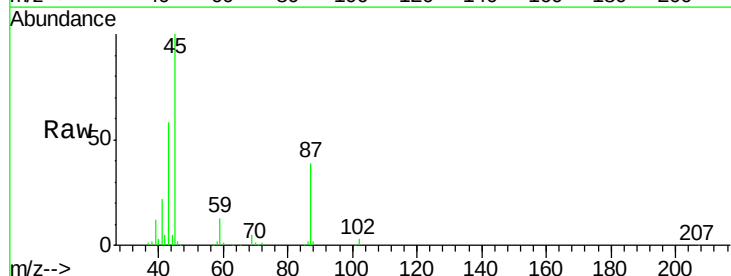
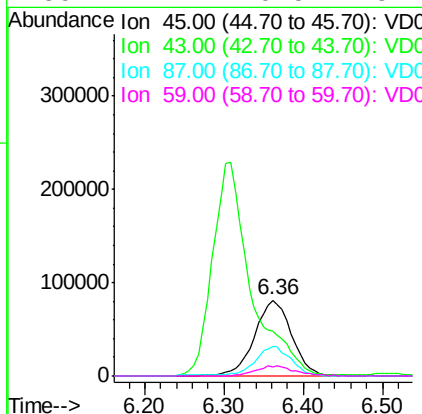
RT: 6.36 min Scan# 755

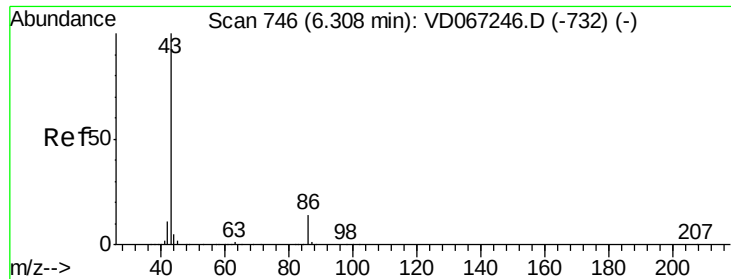
Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion:	45	Resp:	265615
Ion	Ratio	Lower	Upper
45	100		
43	57.0	48.0	72.0
87	38.8	28.5	42.7
59	12.2	10.5	15.7





#23

Vinyl Acetate

Concen: 245.592 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tot Ion: 43 Resp: 771232

Ion Ratio Lower Upper

43 100

86 14.4 11.0 16.6

Instrument :

MSVOA_D

ClientSampleId :

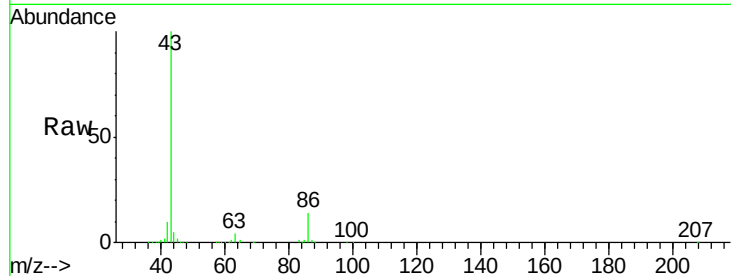
VSTDCCC050

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

250000

200000

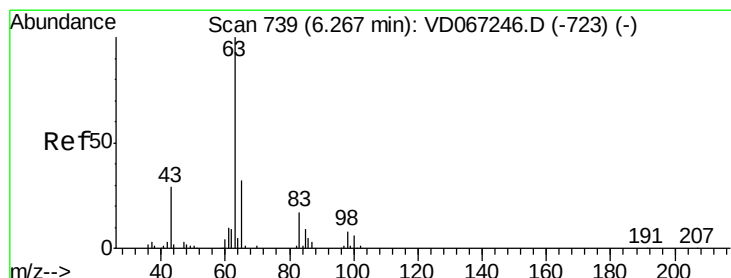
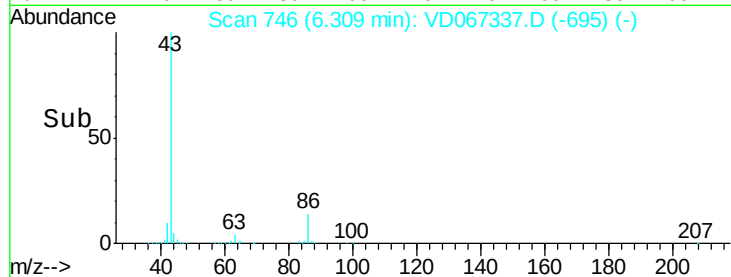
150000

100000

50000

0

Time--> 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 46.876 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

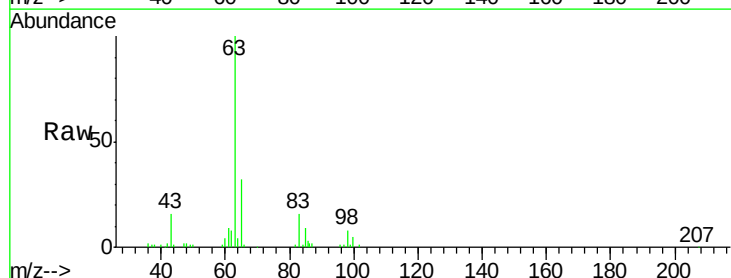
Tgt Ion: 63 Resp: 221487

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.2

100 4.6 2.8 8.4



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

80000

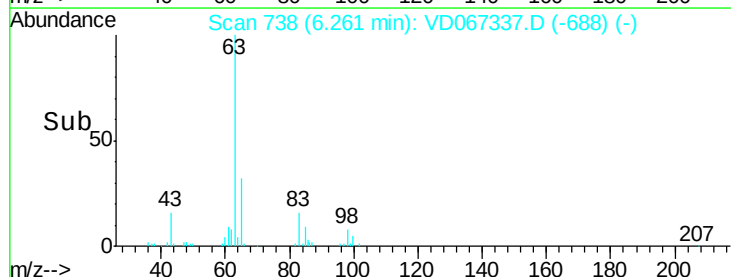
60000

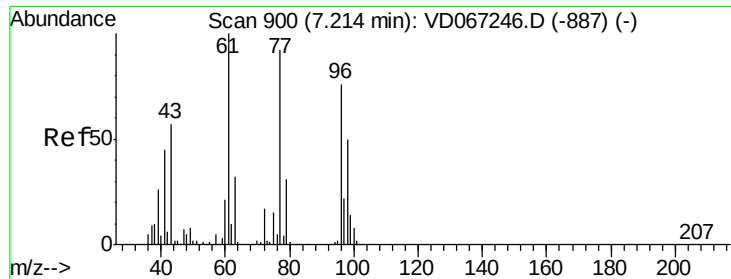
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 226.154 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 115637

Ion Ratio Lower Upper

43 100

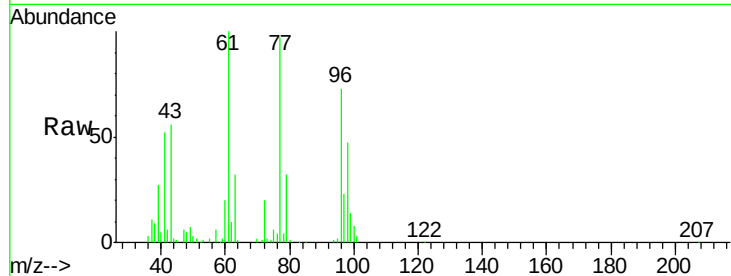
72 35.5 23.7 35.5#

Manual Integrations

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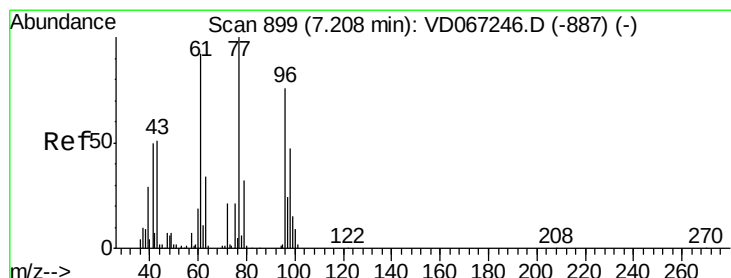
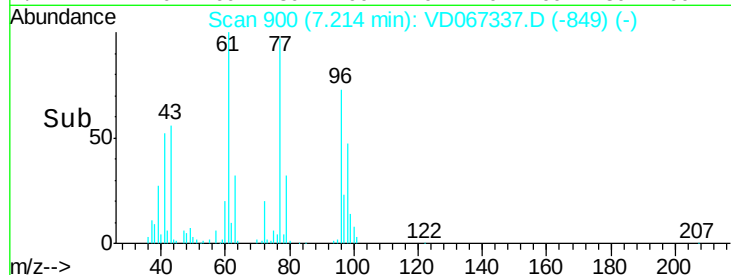
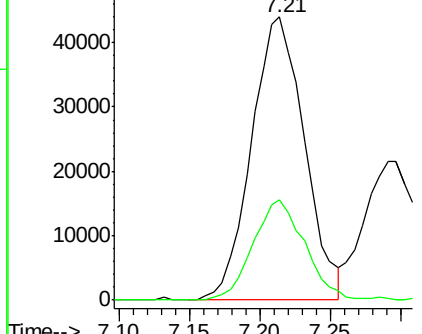
MMDadoda

10/22/2020 5:19:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 48.575 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067337.D

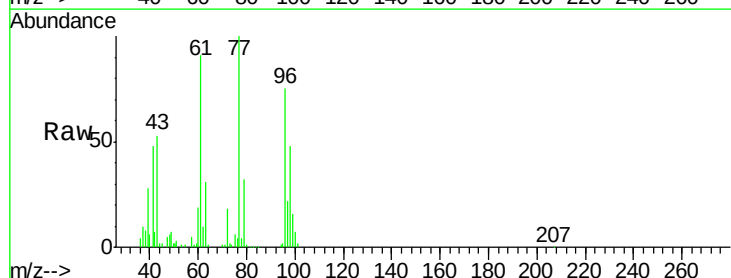
Acq: 21 Oct 2020 10:07

Tgt Ion: 77 Resp: 236567

Ion Ratio Lower Upper

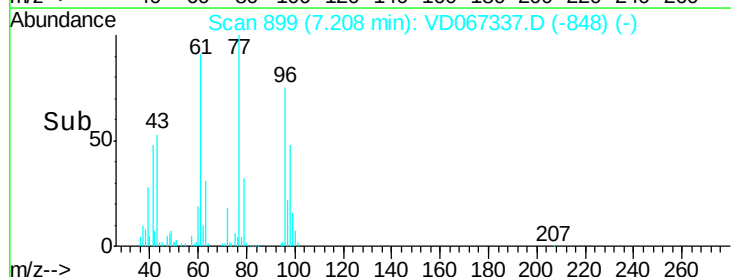
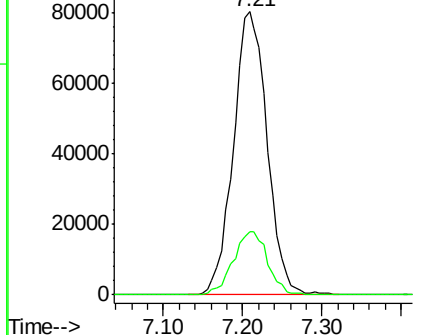
77 100

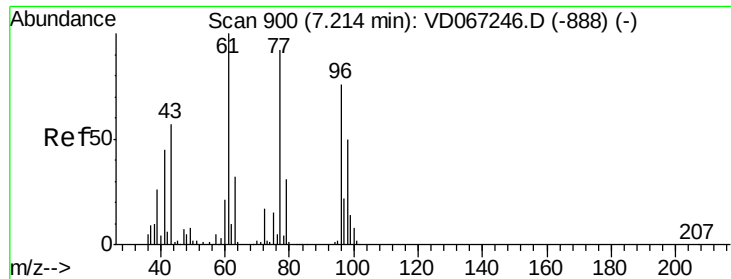
97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

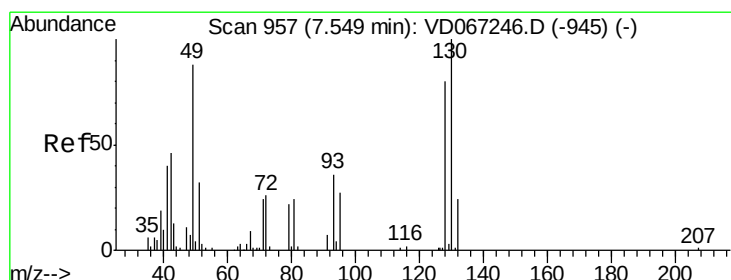
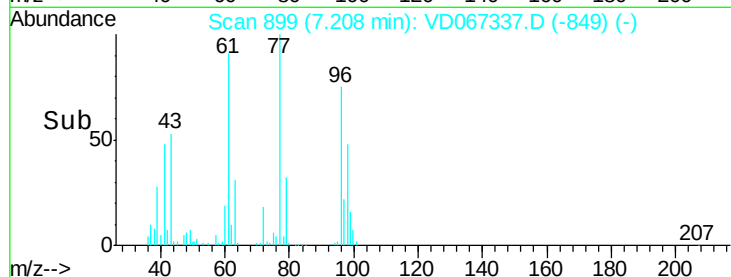
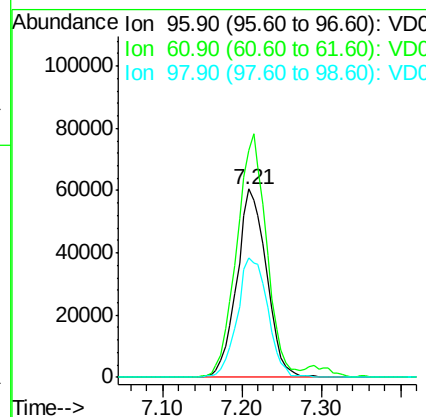
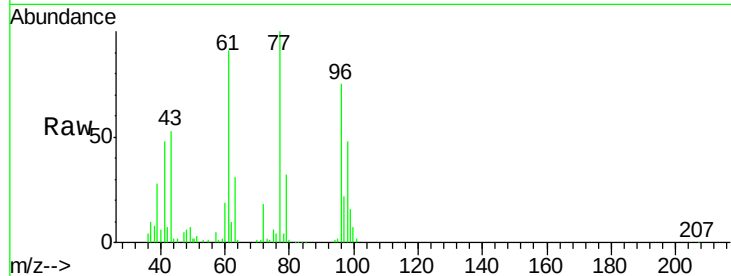
cis-1,2-Dichloroethene
Concen: 47.139 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.5	0.0	255.4	
98	65.2	0.0	128.0	

Manual Integrations
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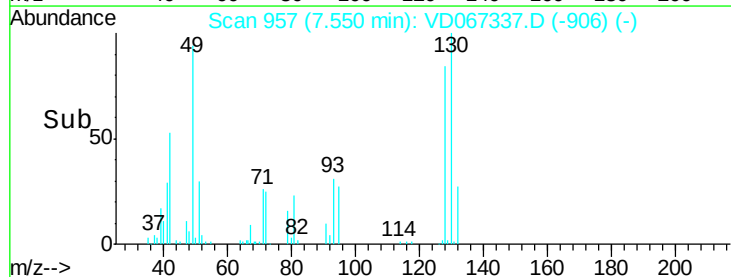
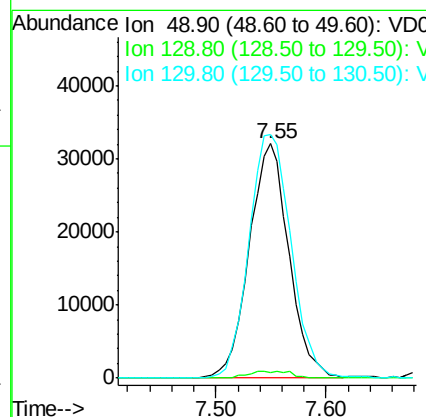
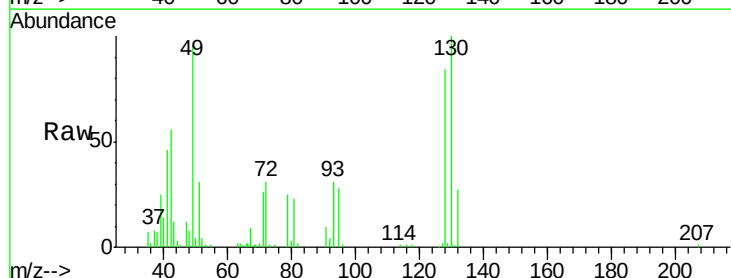
MMDadoda
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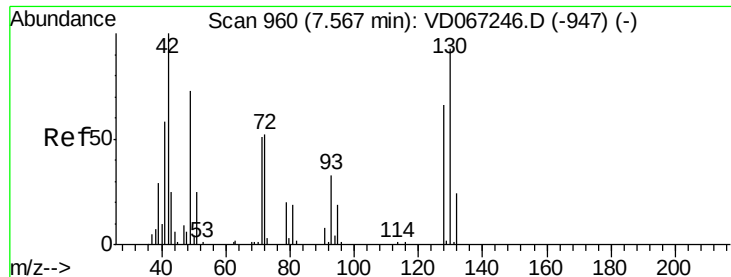


#28

Bromochloromethane
Concen: 50.066 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	1.6#	
130	110.7	91.0	136.6	





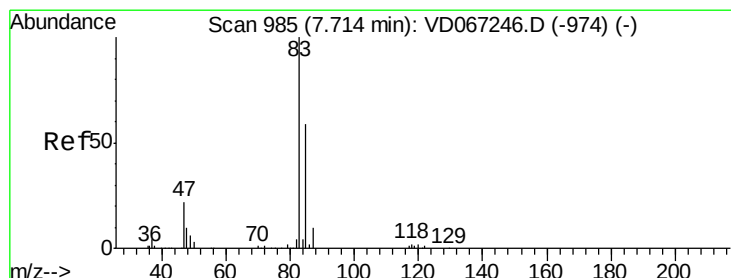
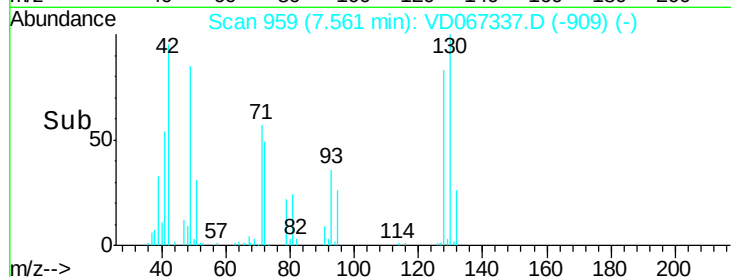
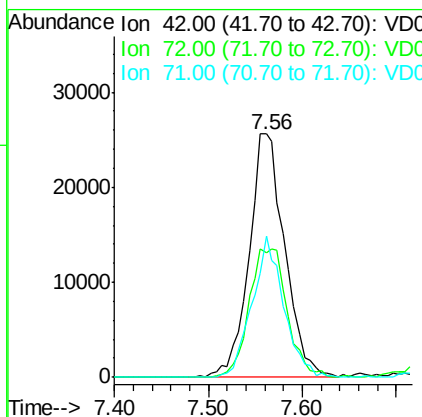
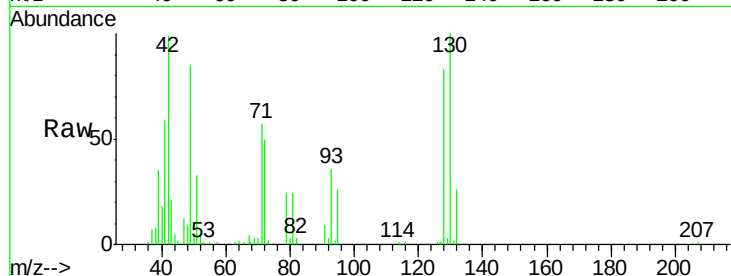
#29
Tetrahydrofuran
Concen: 236.451 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.4	43.2	64.8
71	51.4	39.4	59.0

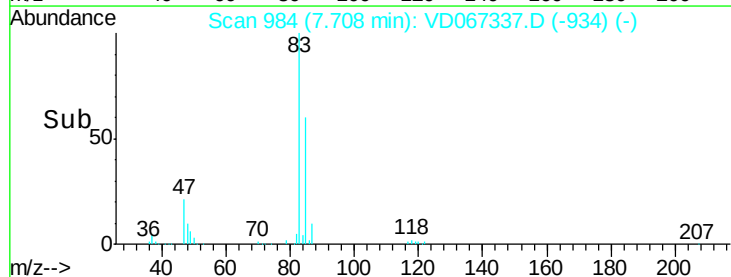
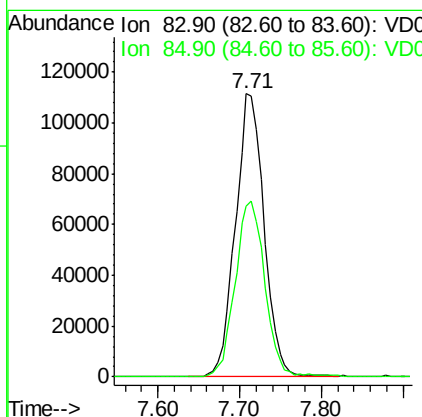
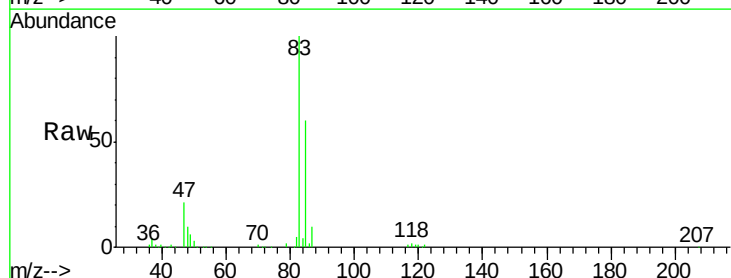
Manual Integrations
APPROVED

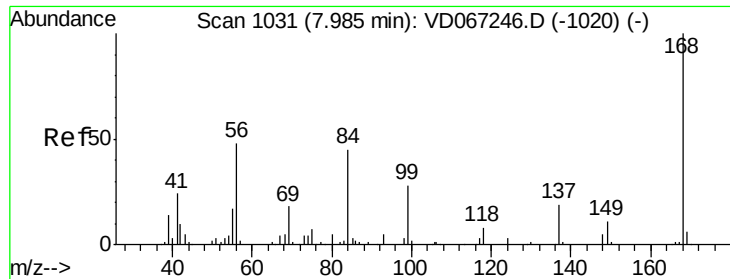
MMDadoda
10/22/2020 5:19:11 PM



#30
Chloroform
Concen: 48.162 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	47.3	70.9





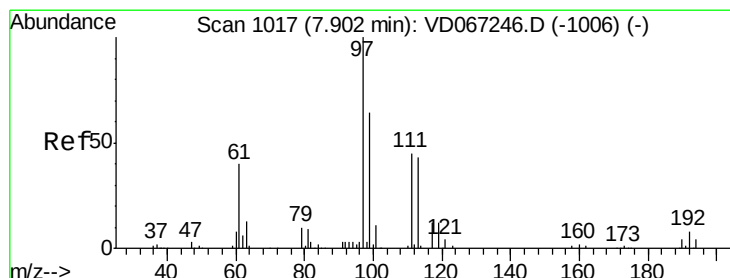
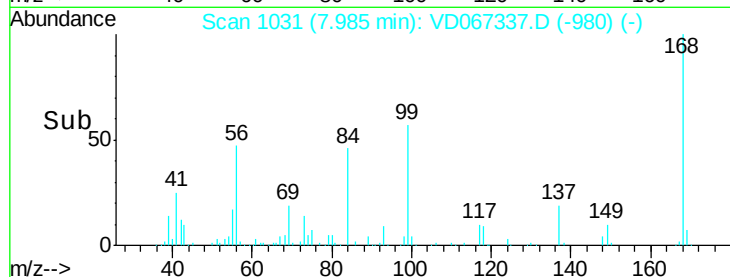
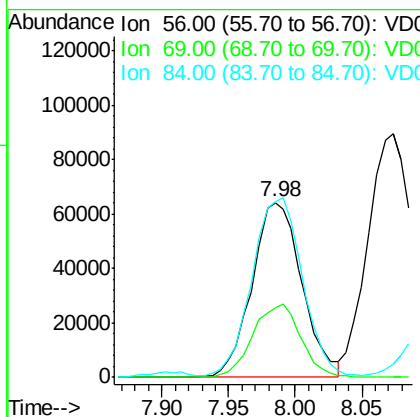
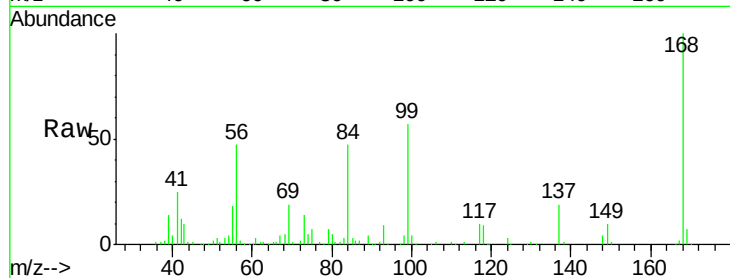
#31
Cyclohexane
Concen: 45.180 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.4	29.8	44.6
84	98.3	76.6	114.8

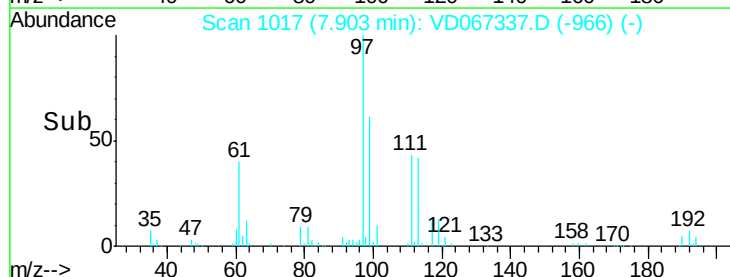
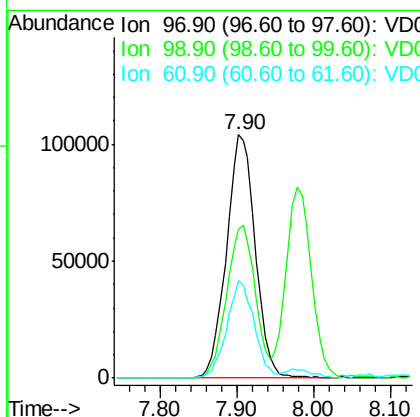
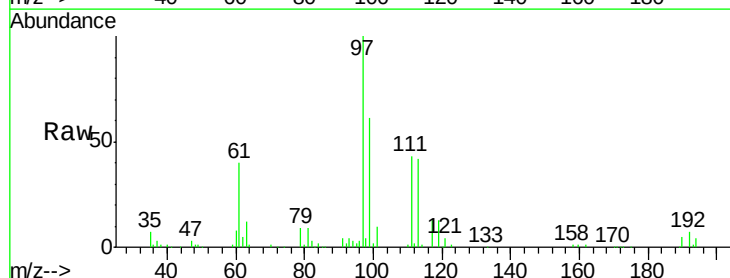
Manual Integrations
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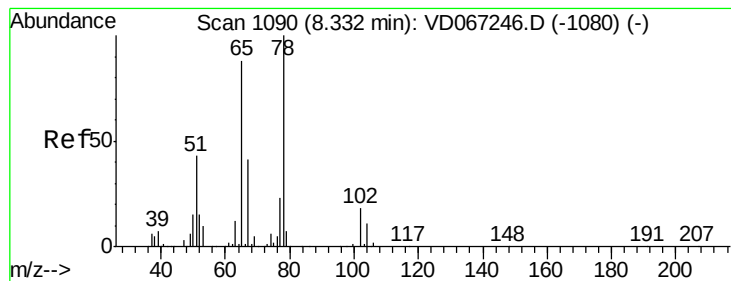
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.898 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.2	75.4
61	38.3	30.5	45.7





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 157560

Ion Ratio Lower Upper

65 100

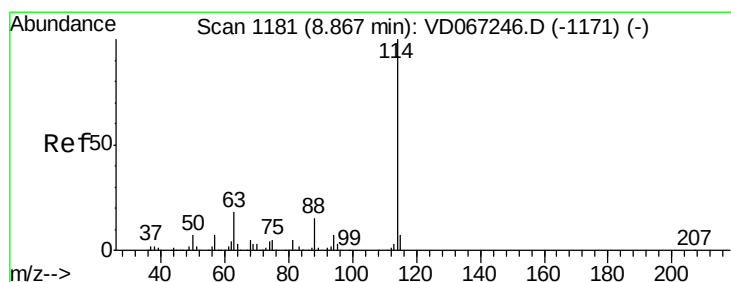
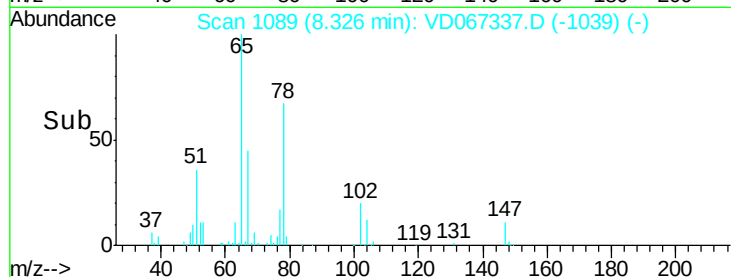
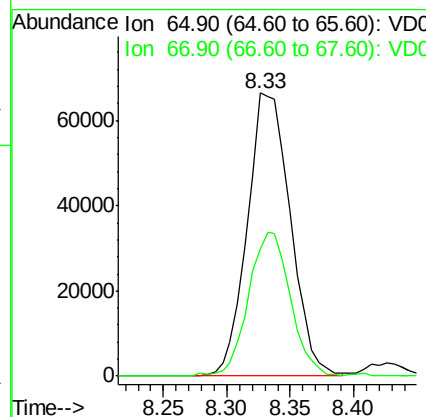
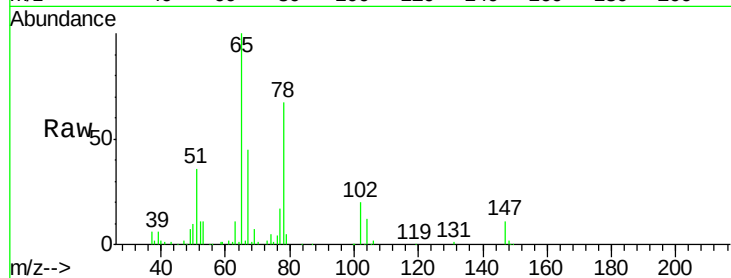
67 49.3 0.0 103.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

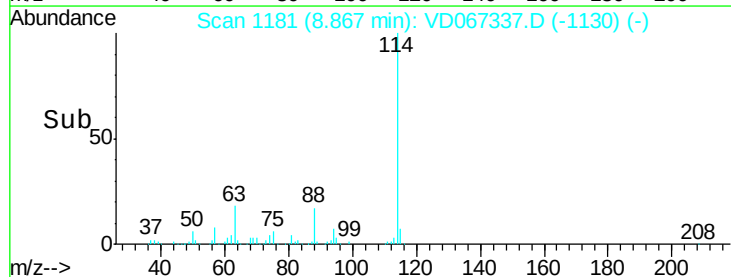
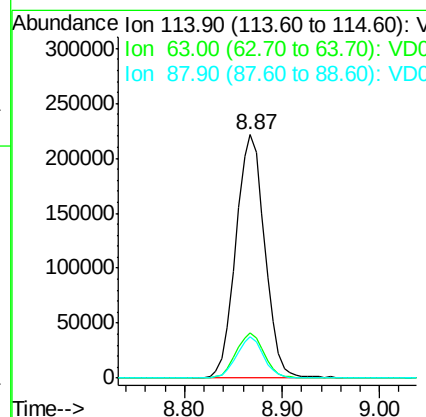
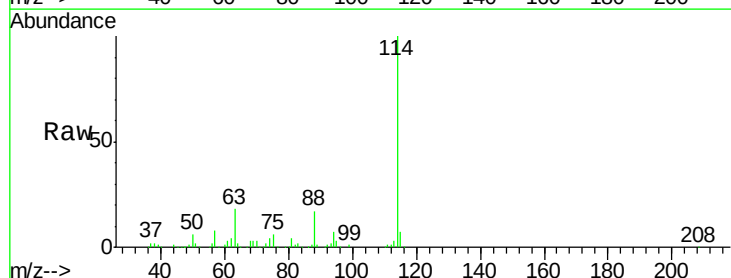
Tgt Ion: 114 Resp: 456422

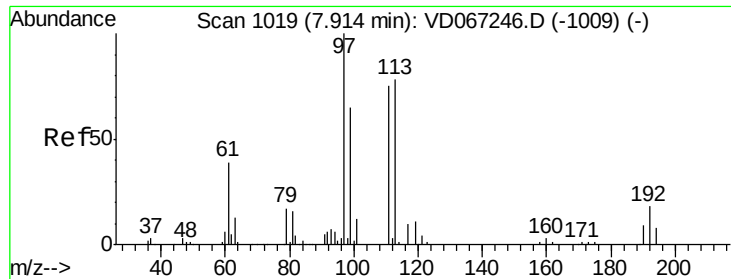
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 16.8 0.0 30.6





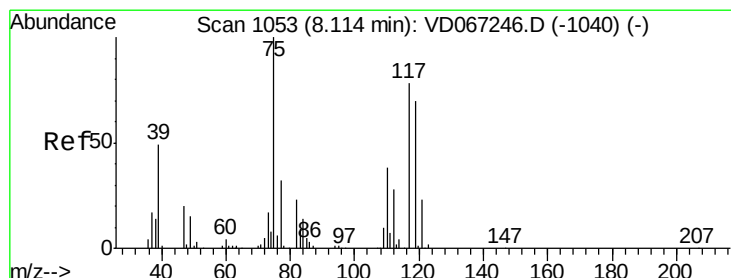
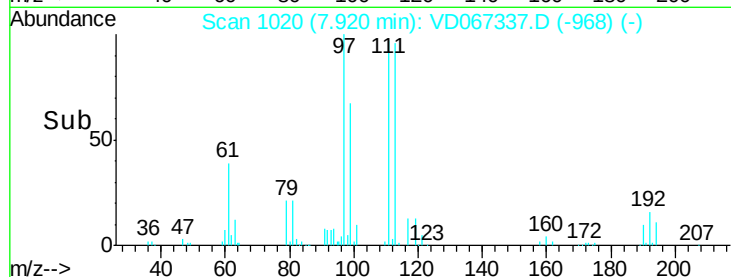
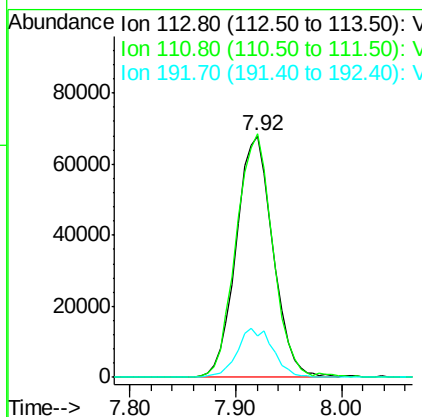
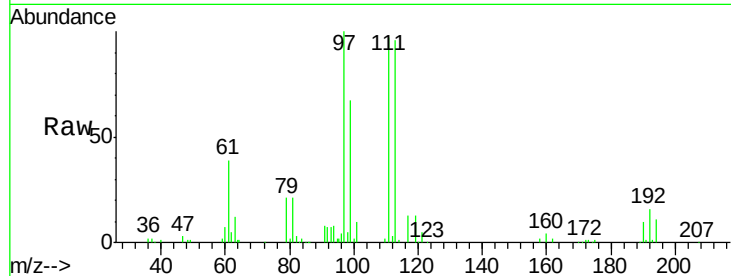
#35
Dibromofluoromethane
Concen: 53.889 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	163686		
111	100.1	81.6	122.4	
192	20.0	17.0	25.4	

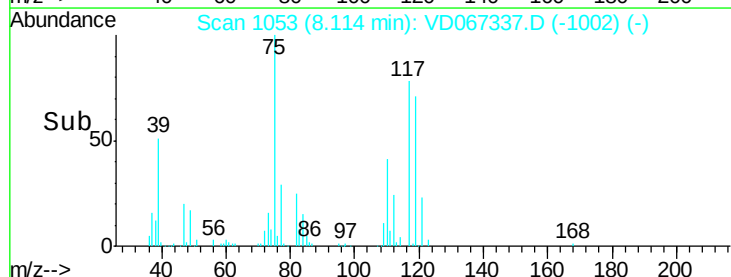
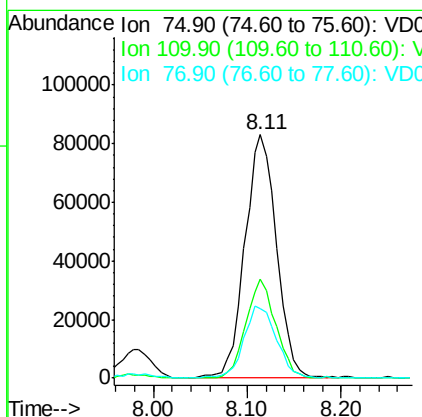
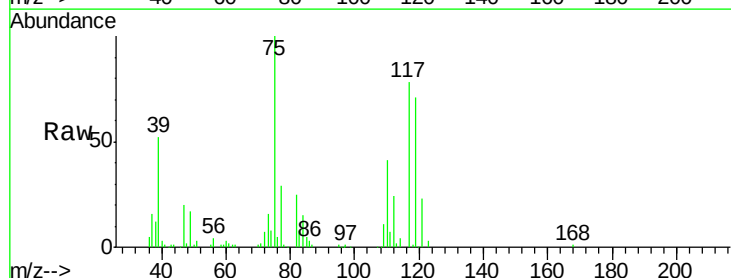
Manual Integrations
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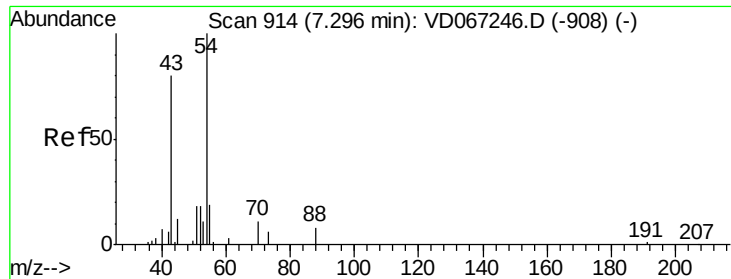
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#36
1,1-Dichloropropene
Concen: 49.946 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193216		
110	38.2	19.6	58.7	
77	30.6	24.6	37.0	





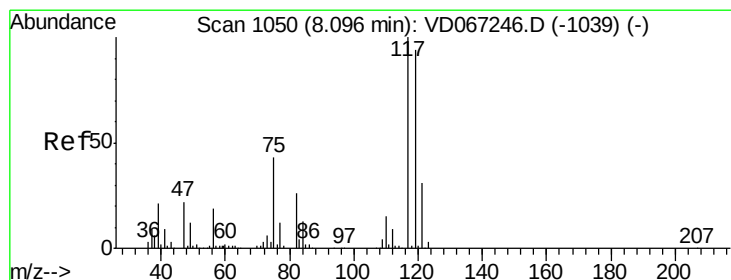
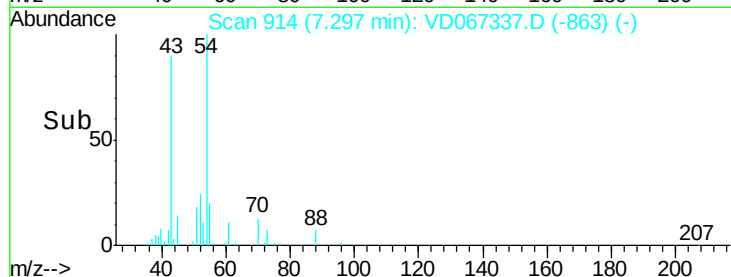
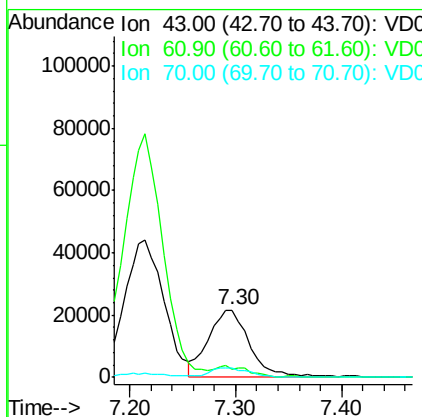
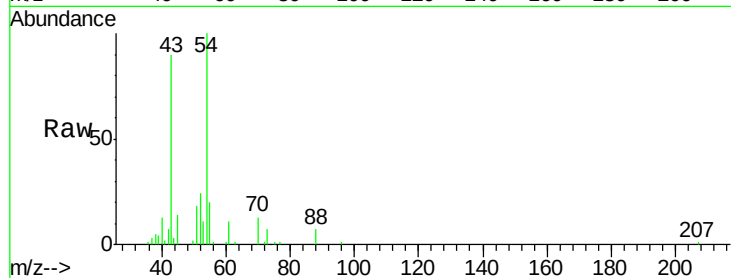
#37
Ethyl Acetate
Concen: 50.532 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	15.6	23.4#
70	14.7	10.4	15.6

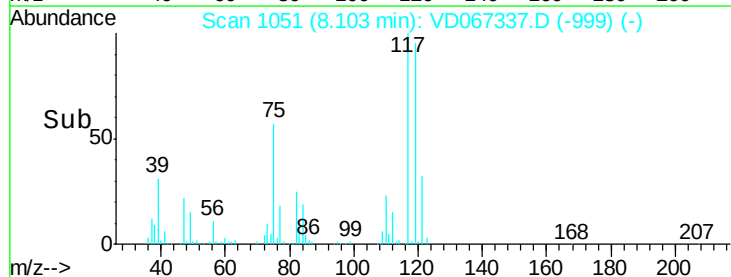
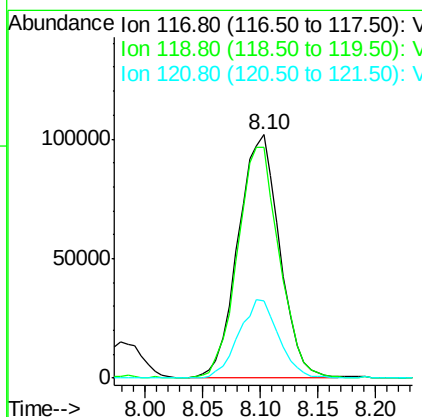
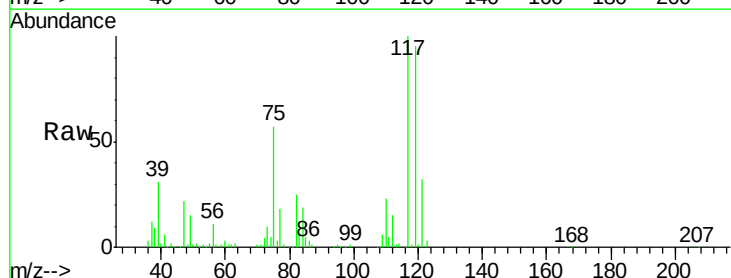
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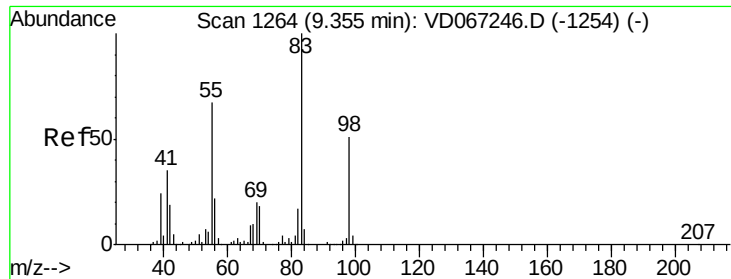
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#38
Carbon Tetrachloride
Concen: 51.537 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.0	112.4
121	31.5	24.9	37.3





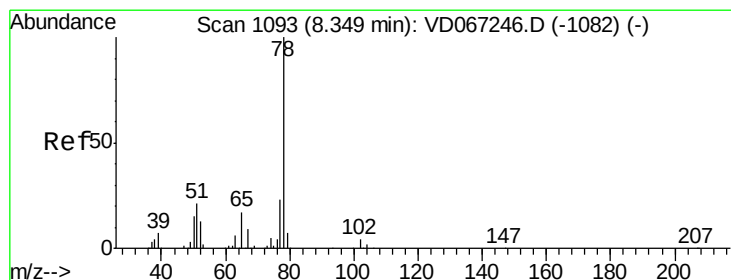
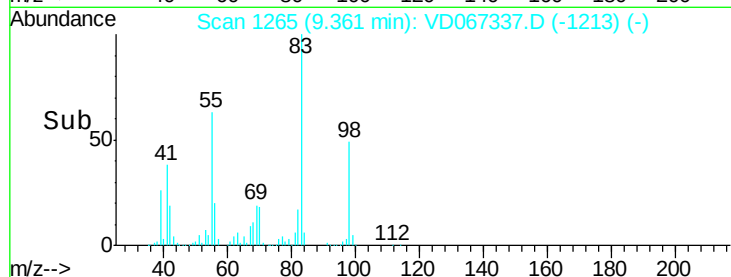
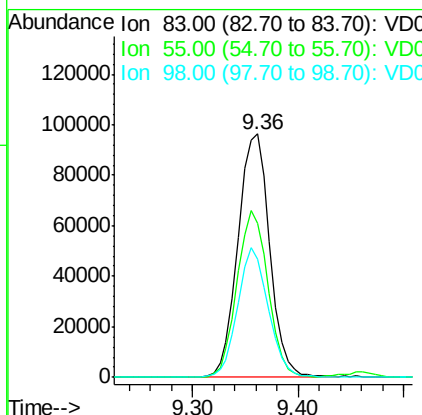
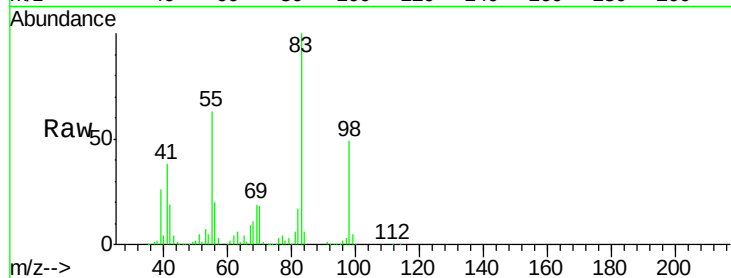
#39
Methylvlcyclohexane
Concen: 49.838 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	201556		
55	63.2		53.3	79.9
98	48.6		41.0	61.4

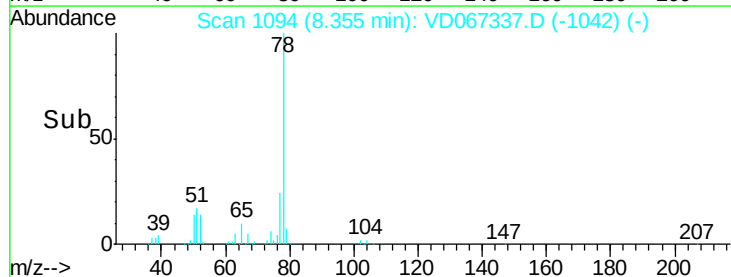
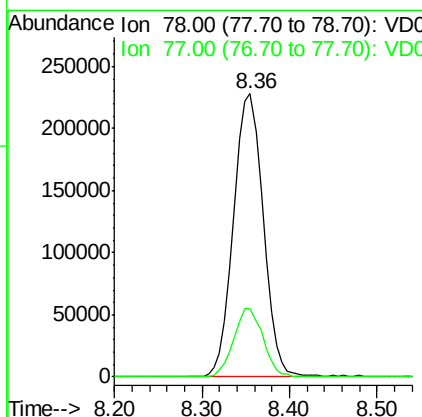
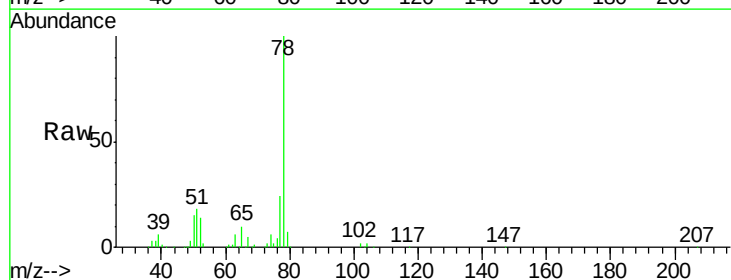
Manual Integrations
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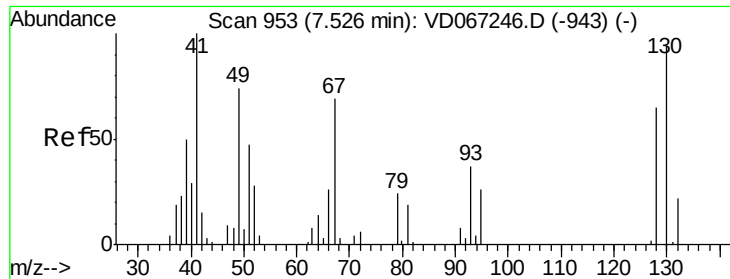
MMDadoda
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#40
Benzene
Concen: 49.614 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	526546		
77	24.1		18.3	27.5





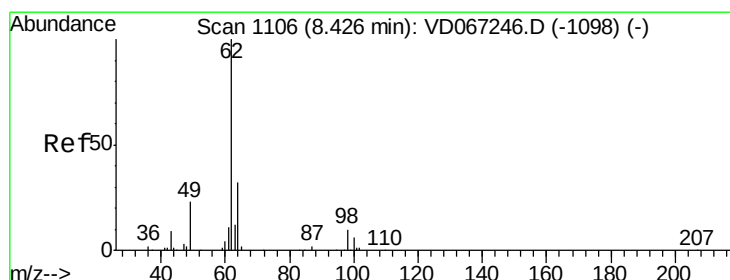
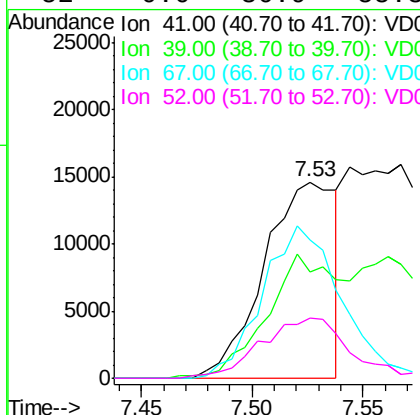
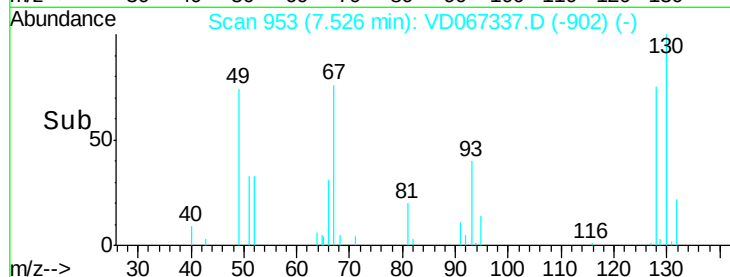
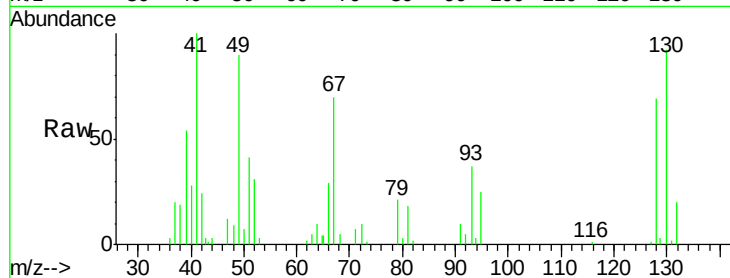
#41
Methacrylonitrile
Concen: 53.898 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	60.0	90.0#
67	0.0	88.9	133.3#
52	0.0	36.9	55.3#

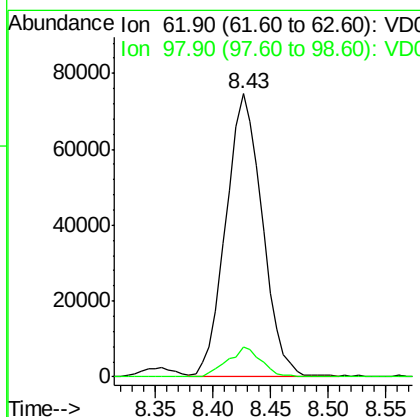
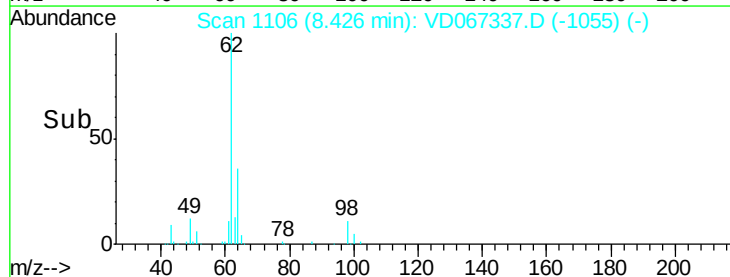
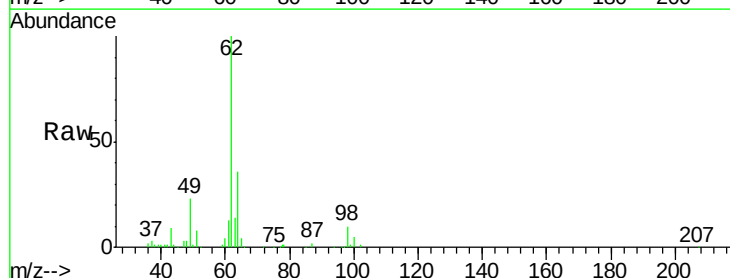
Manual Integrations
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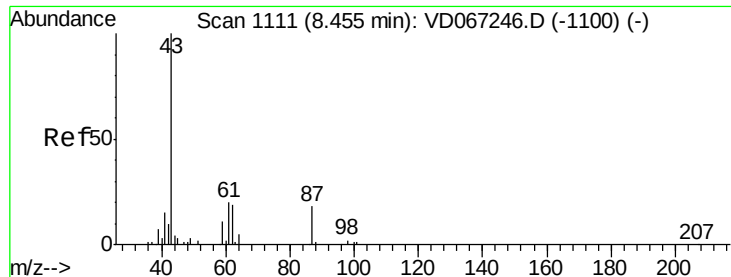
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.980 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.486 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

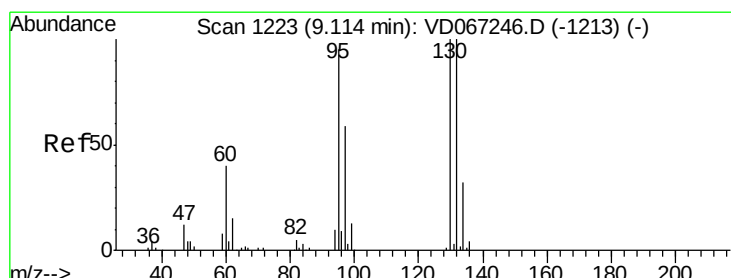
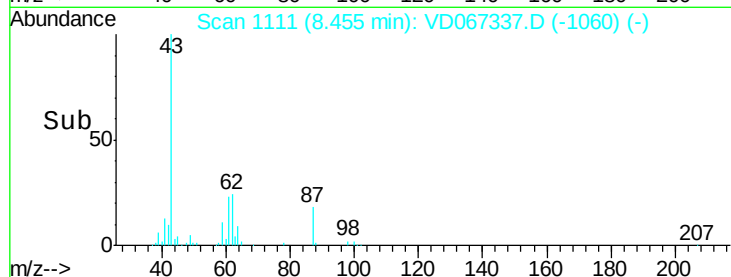
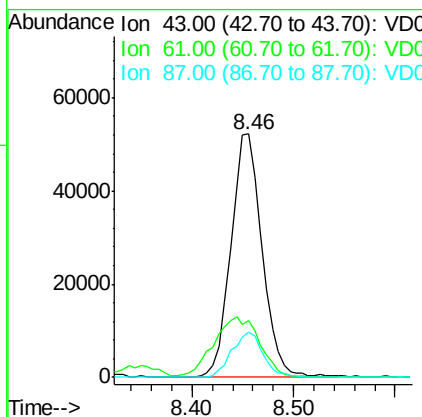
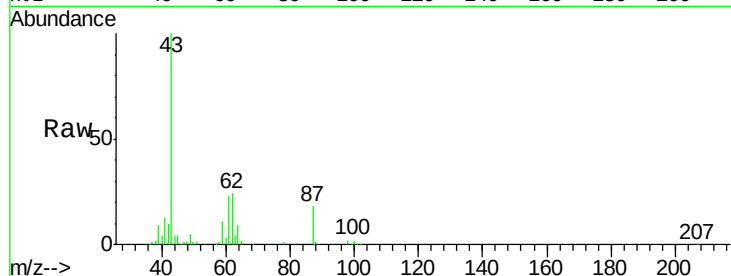
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	111762
Ion	Ratio	Lower	Upper
43	100		
61	36.8	29.5	44.3
87	18.5	14.2	21.4

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#44

Trichloroethene

Concen: 49.607 ug/l

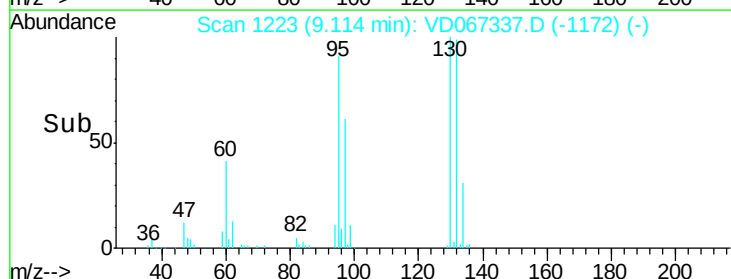
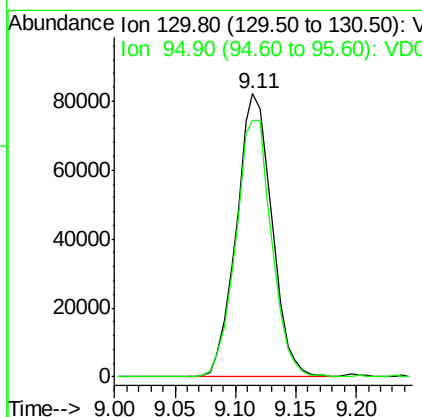
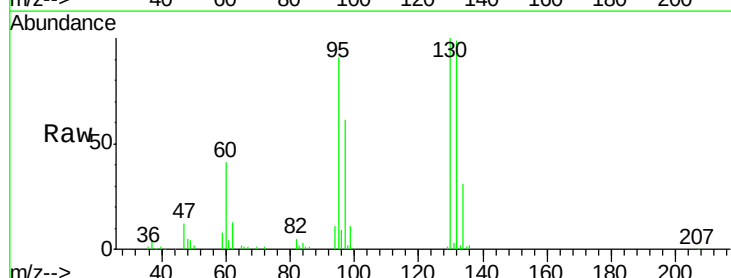
RT: 9.11 min Scan# 1223

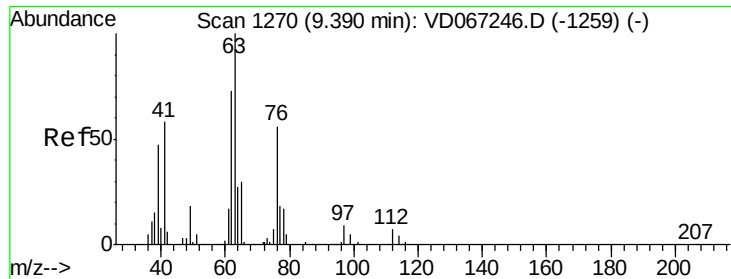
Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion:	130	Resp:	168561
Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	190.6





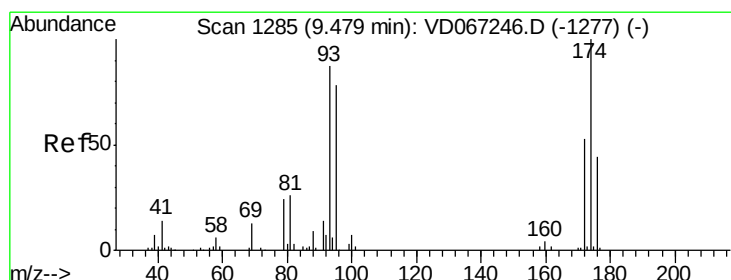
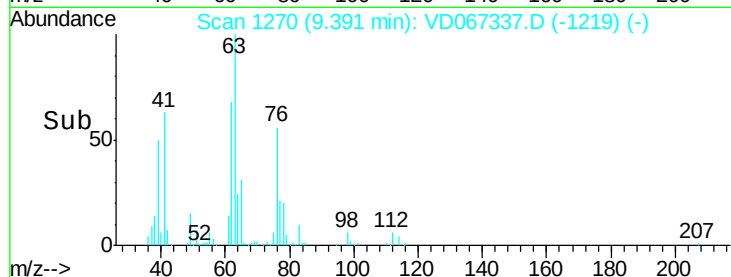
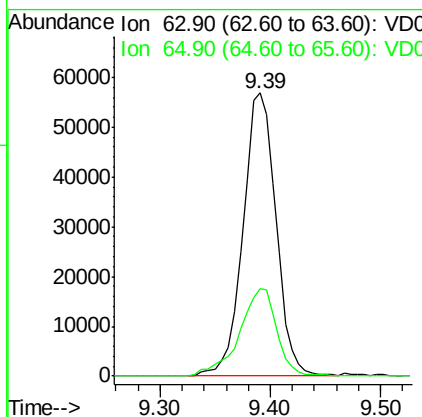
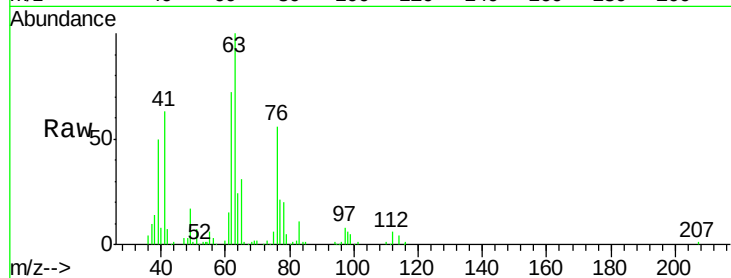
#45
 1,2-Dichloropropane
 Concen: 48.615 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119574
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8

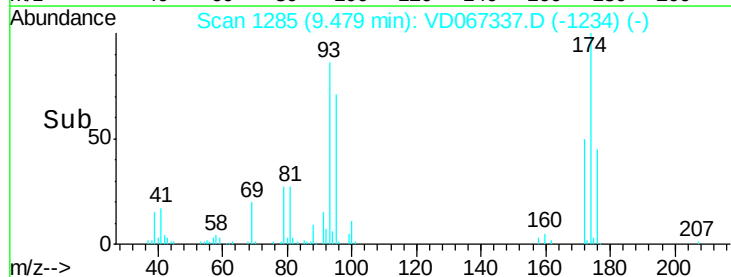
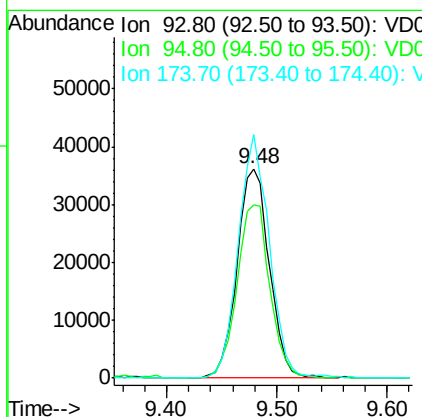
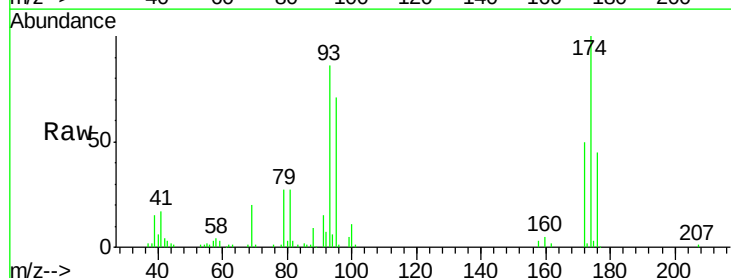
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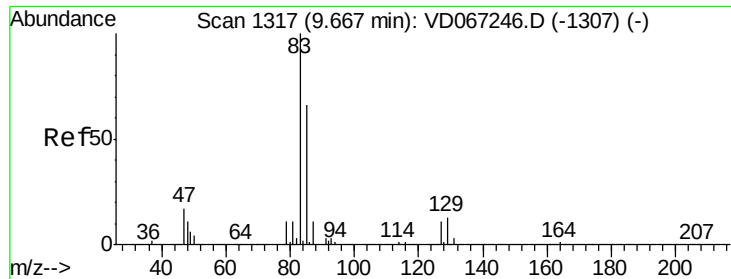
MMDadoda
 10/22/2020 5:19:11 PM



#46
 Dibromomethane
 Concen: 48.678 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion: 93 Resp: 74596
 Ion Ratio Lower Upper
 93 100
 95 84.0 68.0 102.0
 174 111.0 91.8 137.6





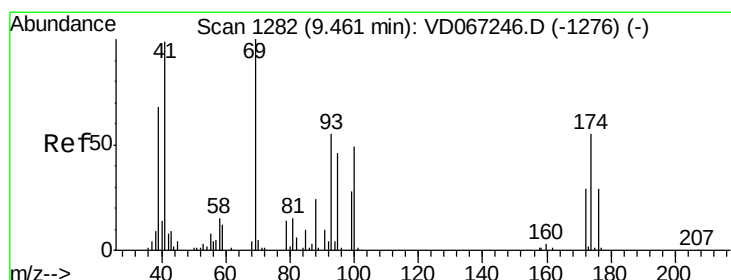
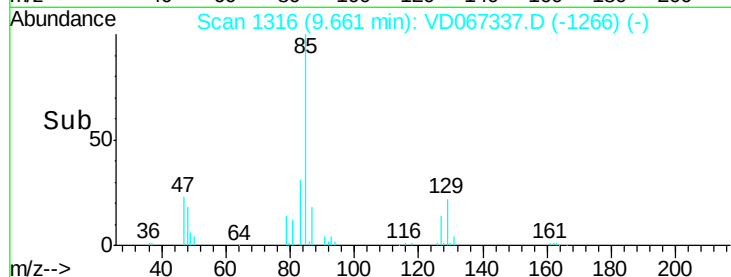
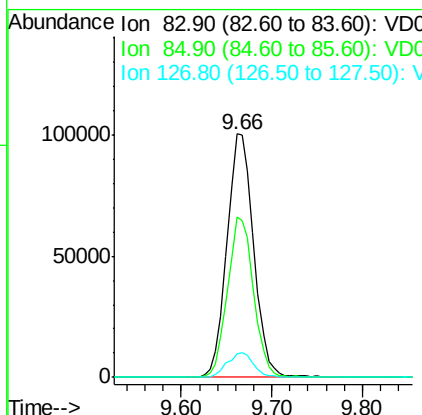
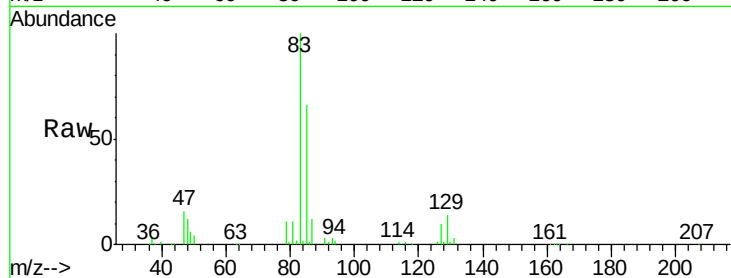
#47
Bromodichloromethane
Concen: 50.141 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	205869		
85	66.1		53.1	79.7
127	9.6		8.6	13.0

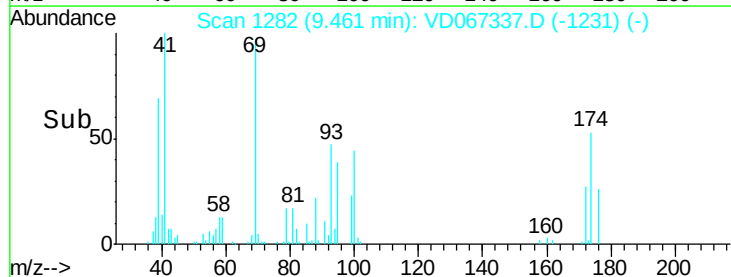
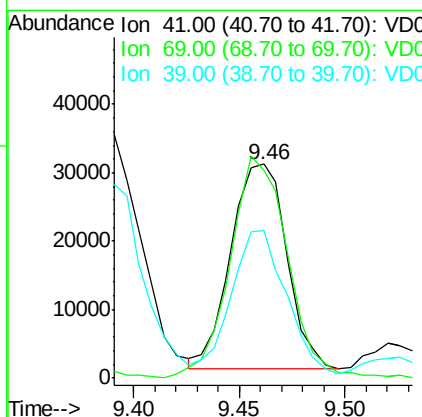
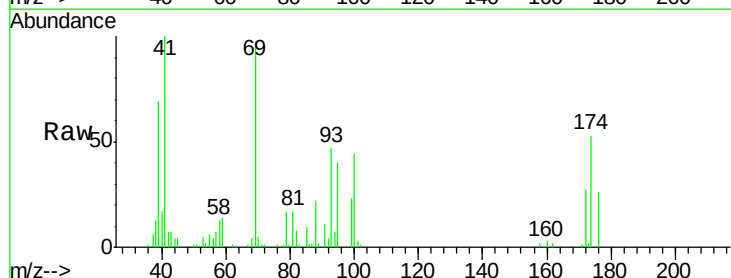
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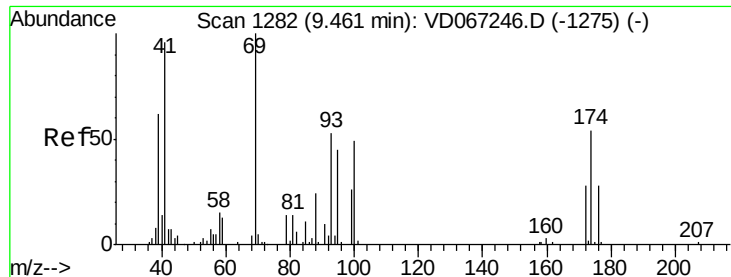
MMDadoda
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#48
Methyl methacrylate
Concen: 50.101 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	54987		
69	111.6		89.0	133.6
39	68.3		60.2	90.2





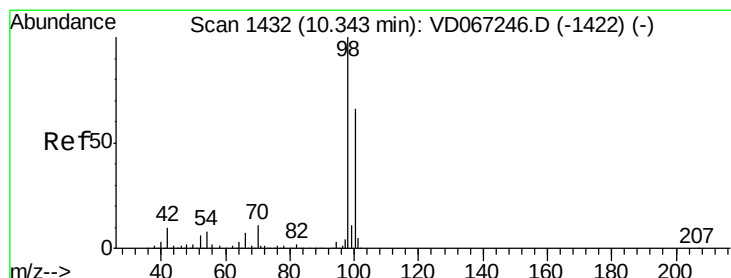
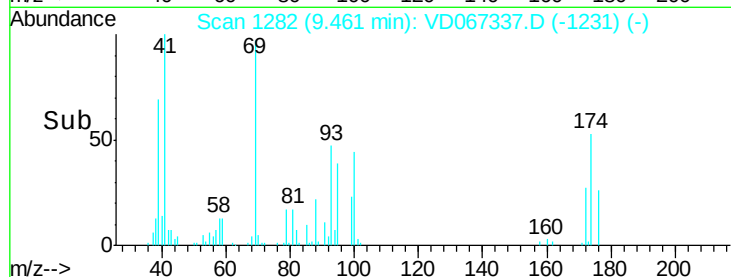
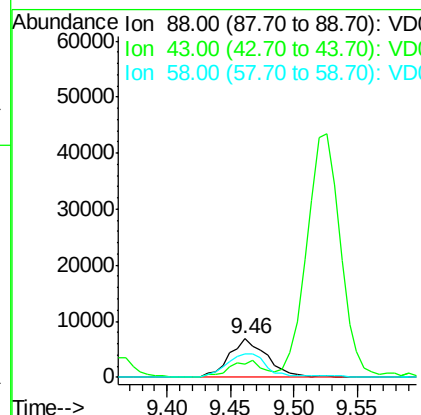
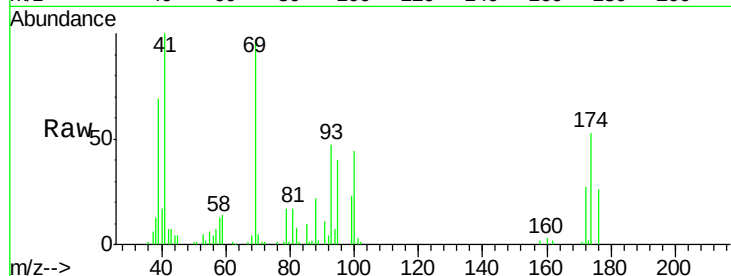
#49
 1,4-Dioxane
 Concen: 958.763 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	23.9	35.9#
58	66.7	51.0	76.6

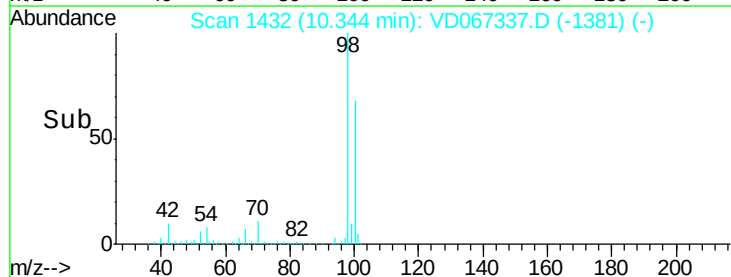
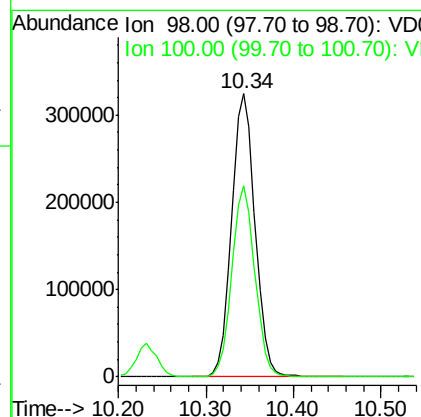
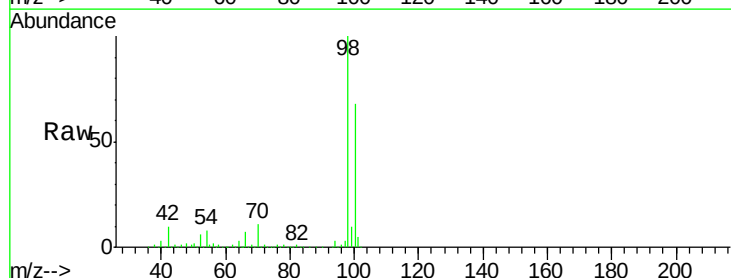
Manual Integrations
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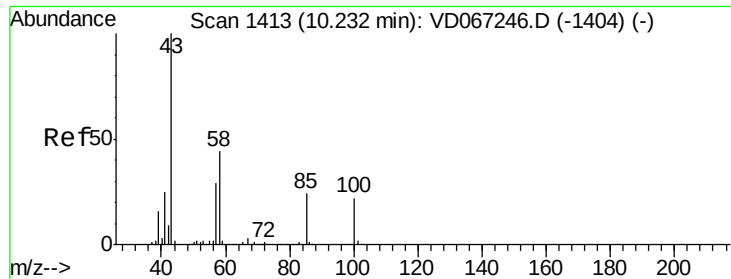
MMDadoda
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#50
 Toluene-d8
 Concen: 54.097 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 251.283 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 283055

Ion Ratio Lower Upper

43 100

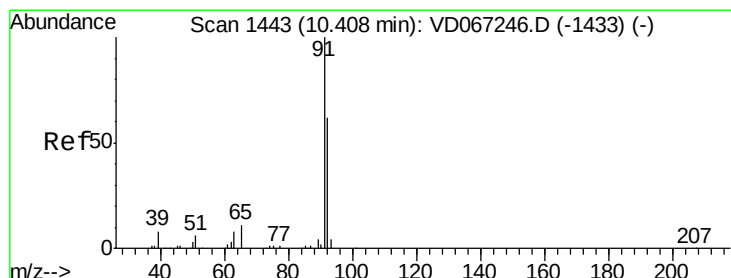
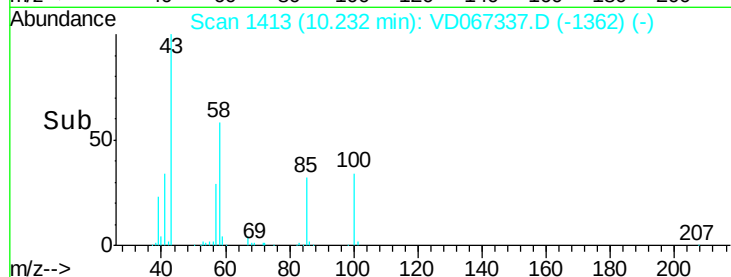
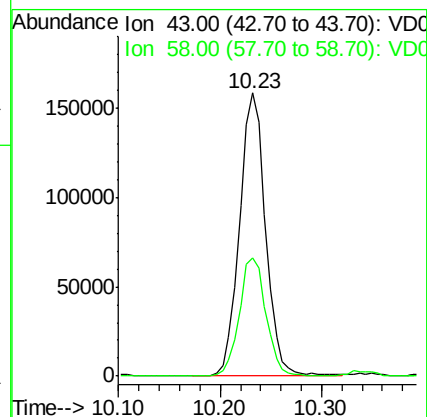
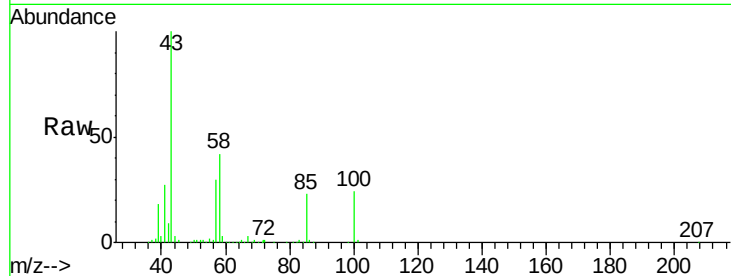
58 42.8 35.7 53.5

Manual Integrations

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#52

Toluene

Concen: 51.249 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067337.D

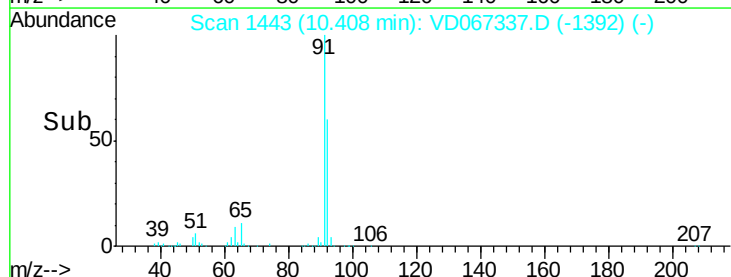
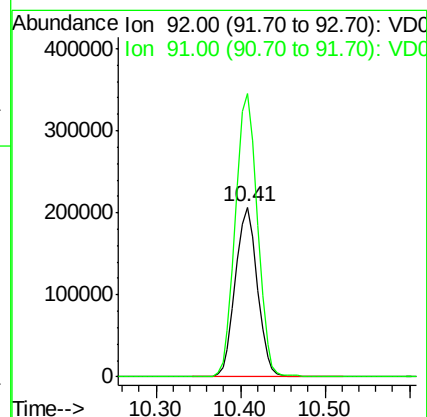
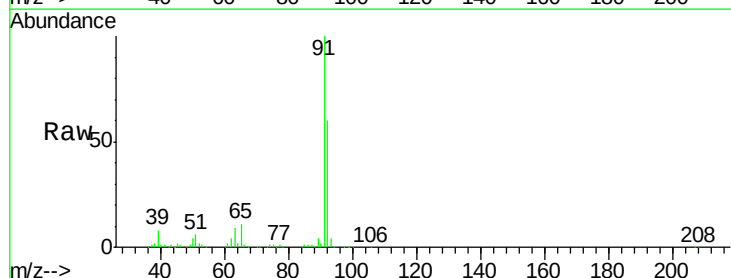
Acq: 21 Oct 2020 10:07

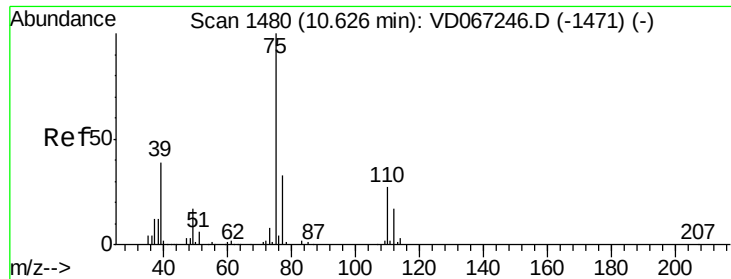
Tgt Ion: 92 Resp: 370443

Ion Ratio Lower Upper

92 100

91 167.5 133.8 200.8





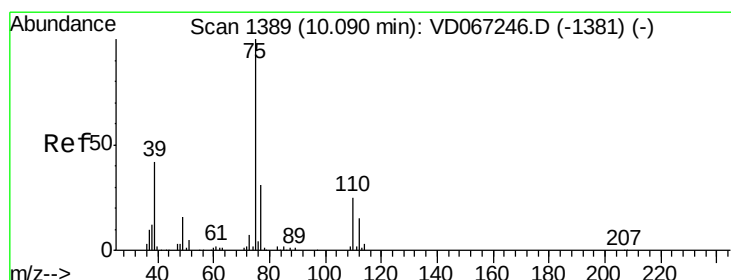
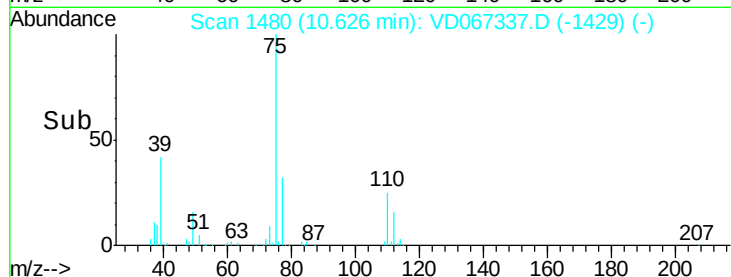
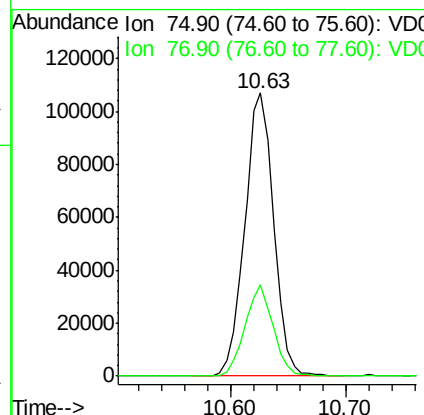
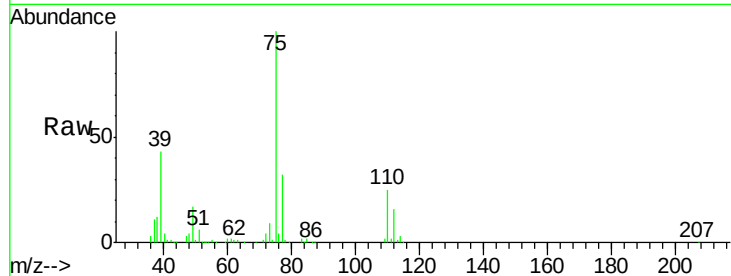
#53
 t-1,3-Dichloropropene
 Concen: 51.545 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 185910
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.5 39.7

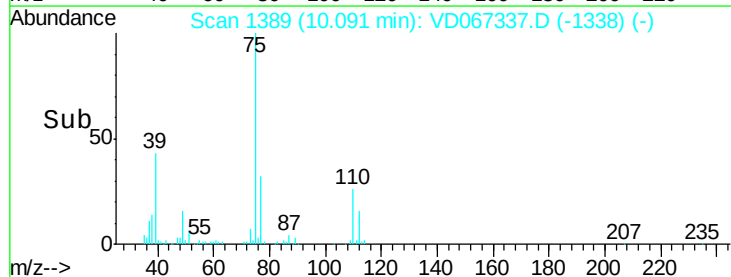
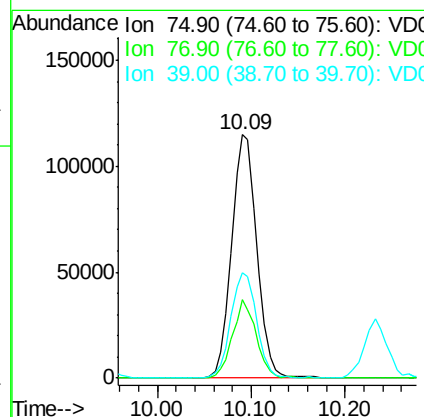
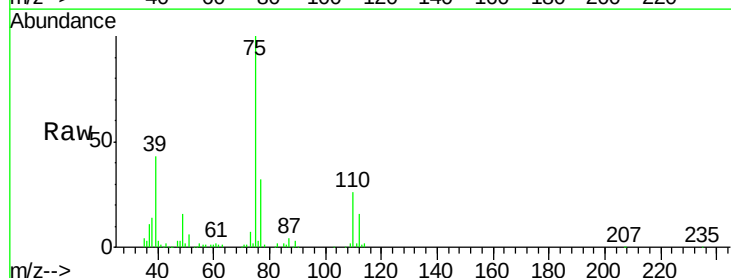
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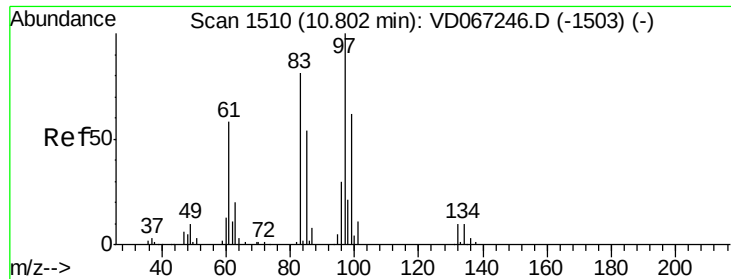
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#54
 cis-1,3-Dichloropropene
 Concen: 50.652 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion: 75 Resp: 213801
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.5 36.7
 39 43.0 33.7 50.5





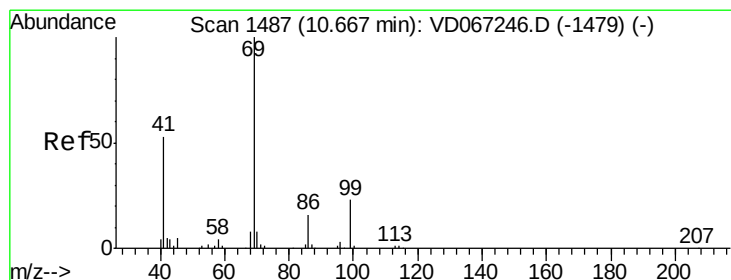
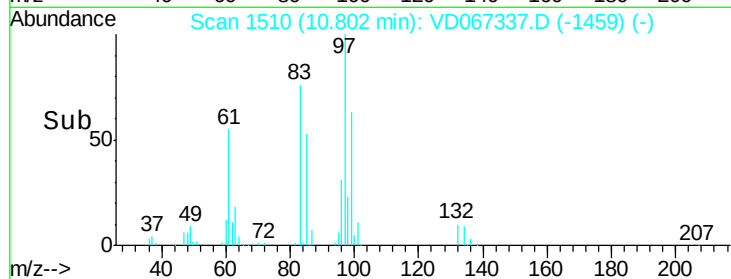
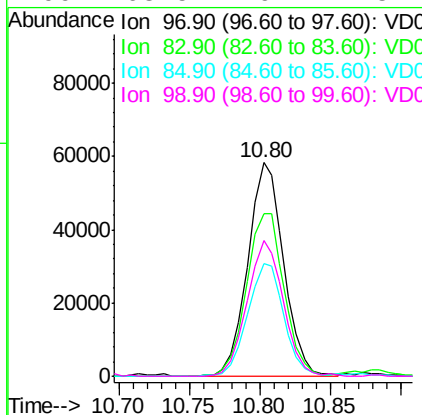
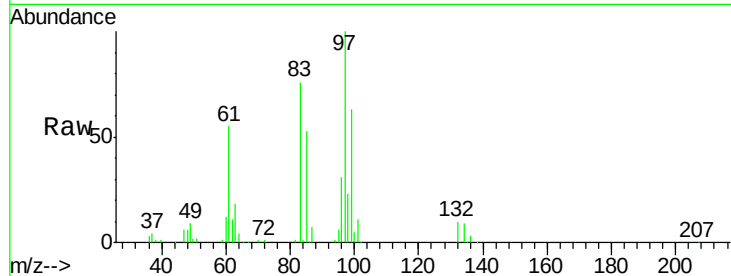
#55
 1,1,2-Trichloroethane
 Concen: 49.716 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	103891
Ion	Ratio	Lower	Upper
97	100		
83	75.9	64.9	97.3
85	52.8	43.3	64.9
99	63.5	49.1	73.7

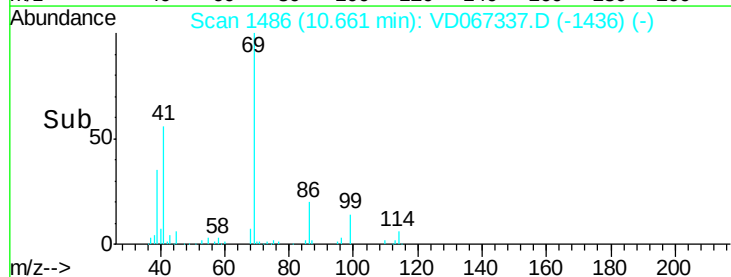
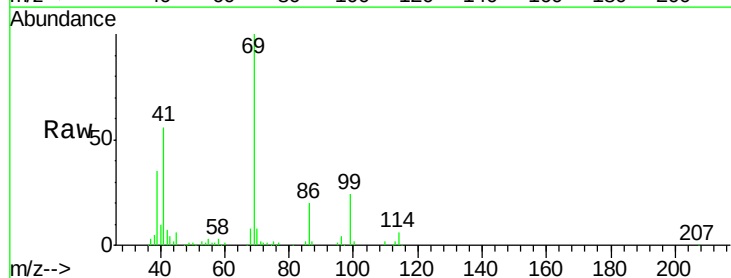
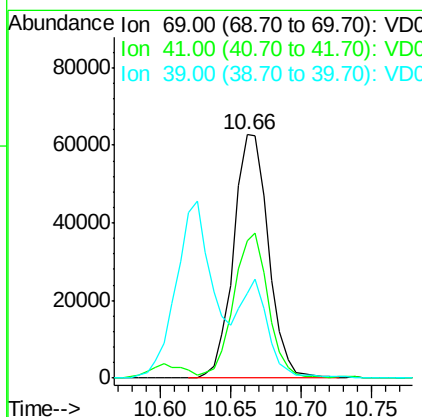
Manual Integrations
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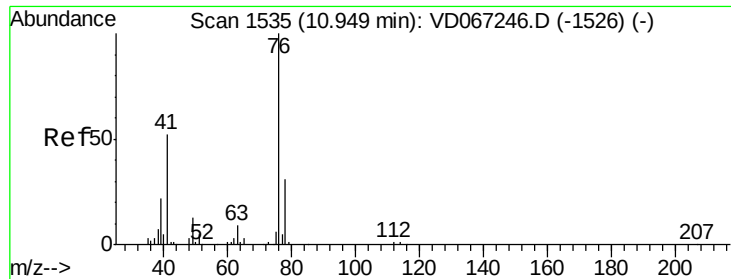
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#56
 Ethyl methacrylate
 Concen: 50.034 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion:	69	Resp:	108437
Ion	Ratio	Lower	Upper
69	100		
41	58.2	44.7	67.1
39	31.8	26.2	39.2





#57

1,3-Dichloropropane

Concen: 49.319 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 164017

Ion Ratio Lower Upper

76 100

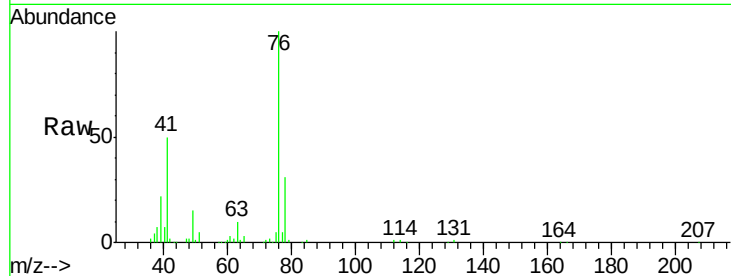
78 32.0 26.8 40.2

Manual Integrations

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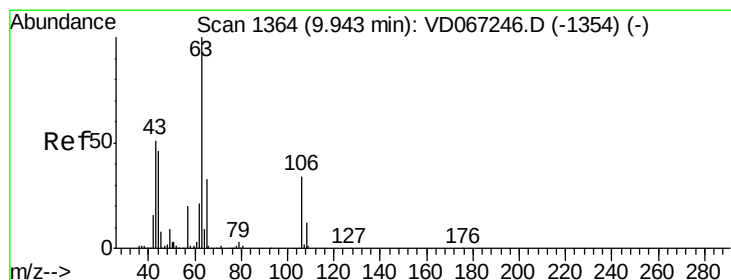
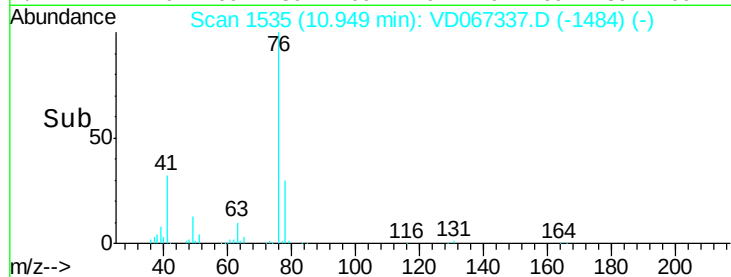
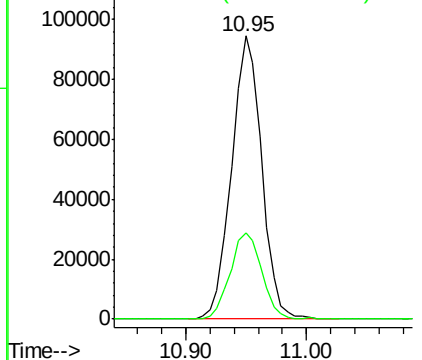
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 266.435 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067337.D

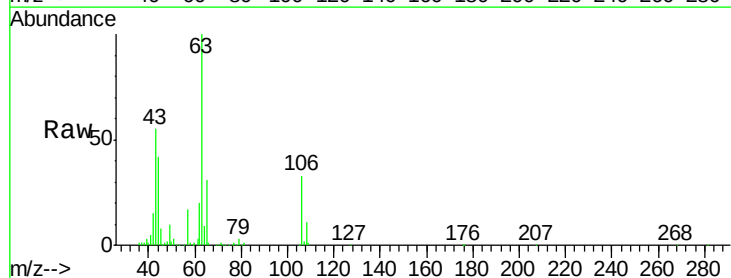
Acq: 21 Oct 2020 10:07

Tgt Ion: 63 Resp: 296221

Ion Ratio Lower Upper

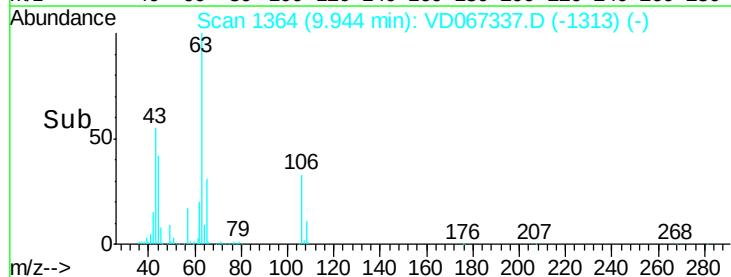
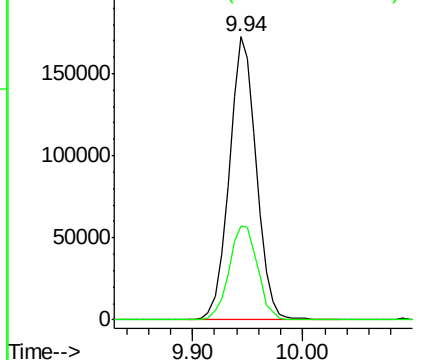
63 100

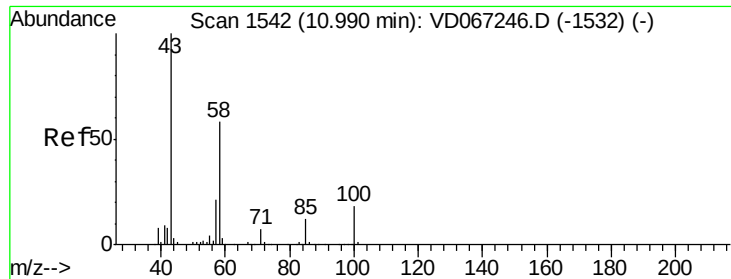
106 35.1 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





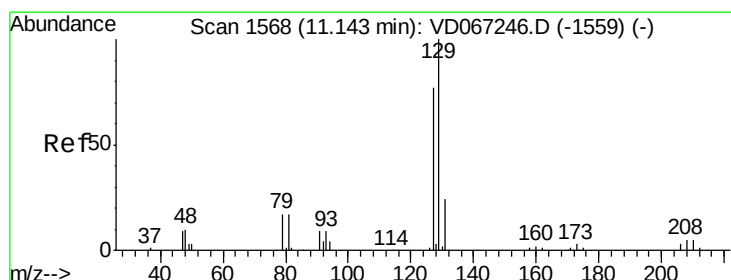
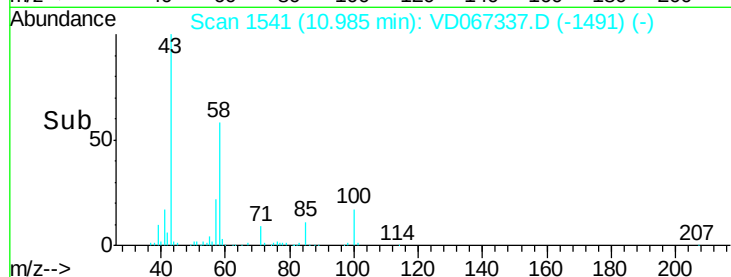
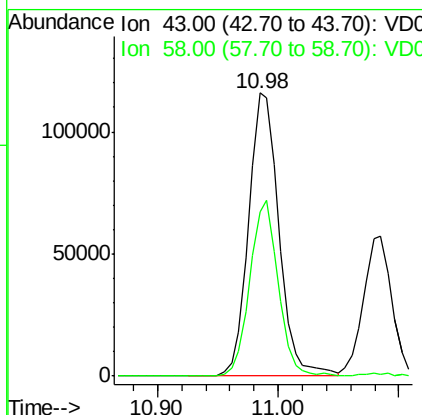
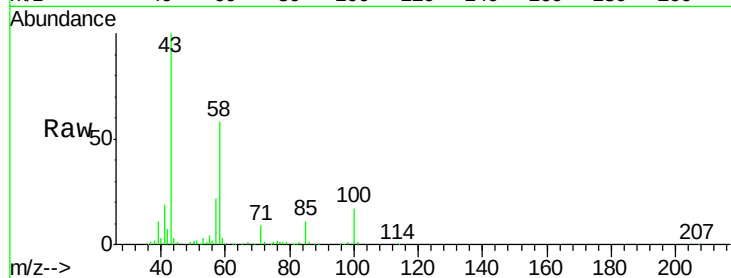
#59
2-Hexanone
Concen: 264.070 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 203263
Ion Ratio Lower Upper
43 100
58 58.0 29.3 87.9

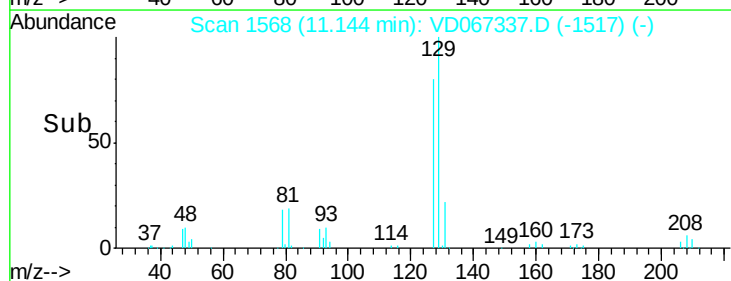
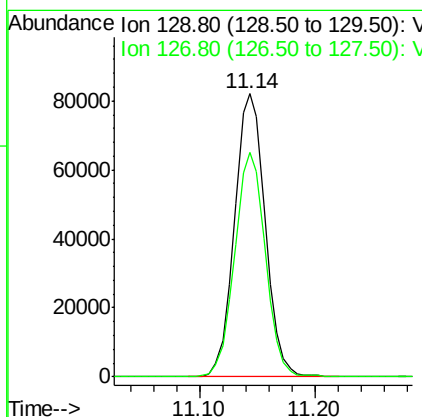
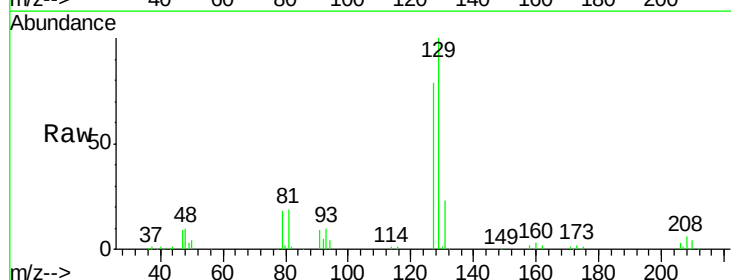
Manual Integrations
APPROVED

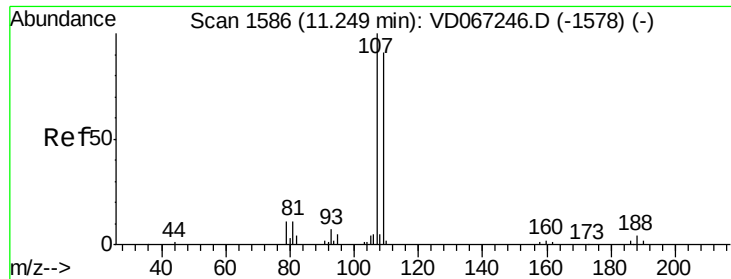
MMDadoda
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#60
Dibromochloromethane
Concen: 49.411 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion: 129 Resp: 150583
Ion Ratio Lower Upper
129 100
127 79.5 38.3 114.8





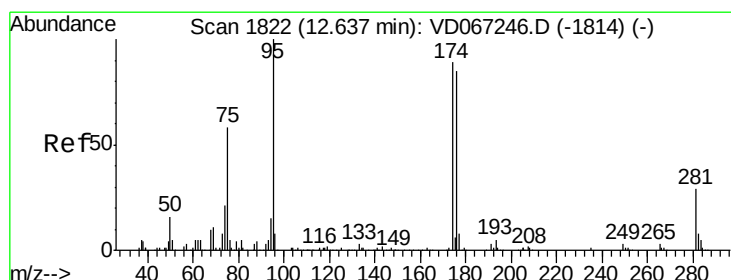
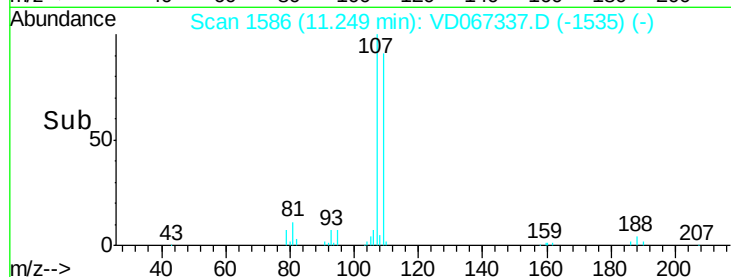
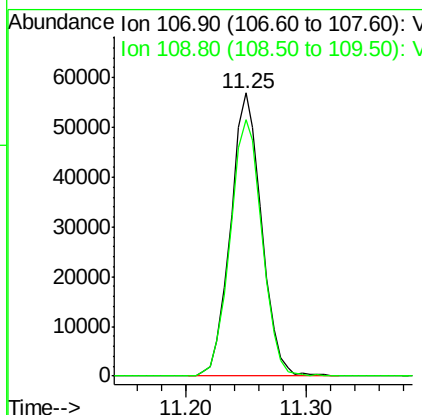
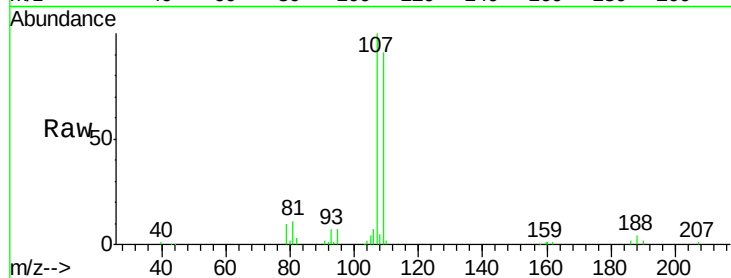
#61
 1,2-Dibromoethane
 Concen: 49.235 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	74.6	112.0

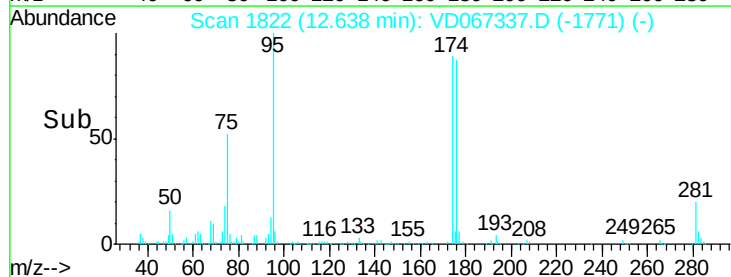
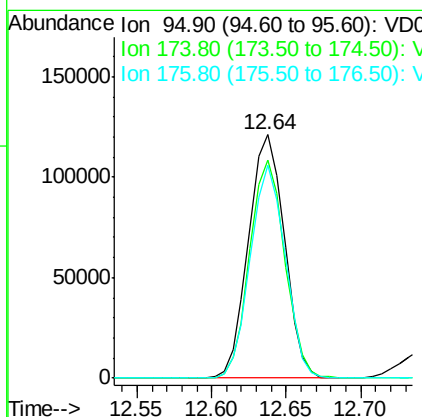
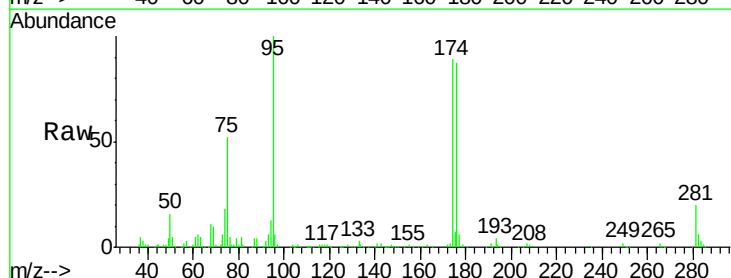
Manual Integrations
 APPROVED

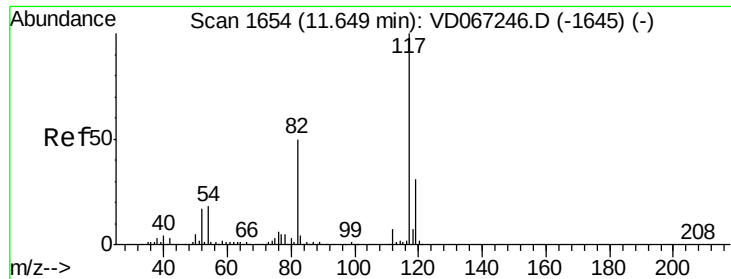
MMDadoda
 10/22/2020 5:19:11 PM



#62
 4-Bromofluorobenzene
 Concen: 52.902 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	175.2
176	85.1	0.0	168.6





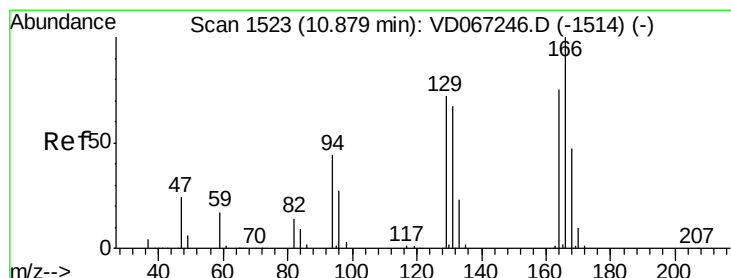
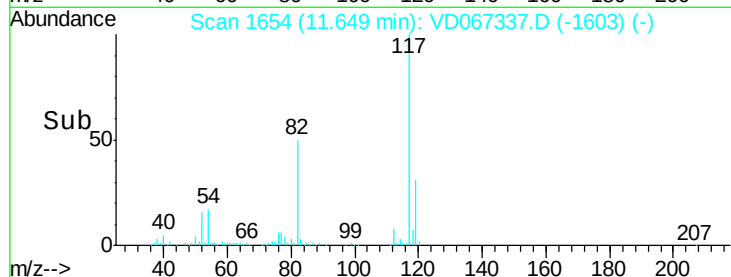
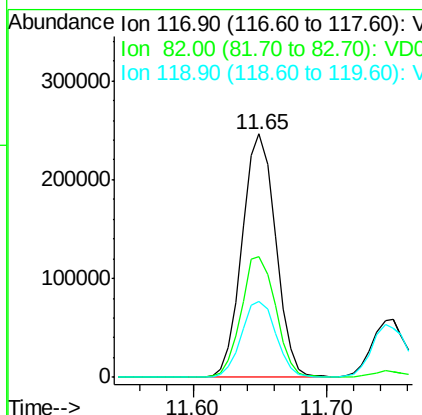
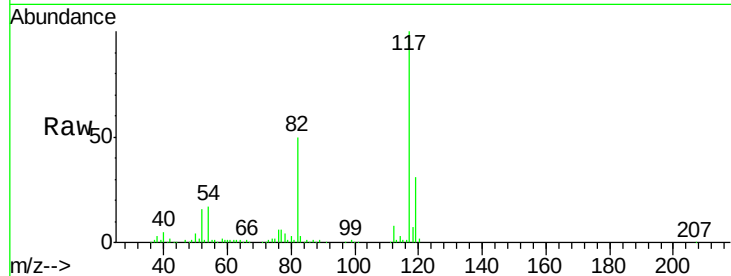
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	39.9	59.9
119	31.3	24.9	37.3

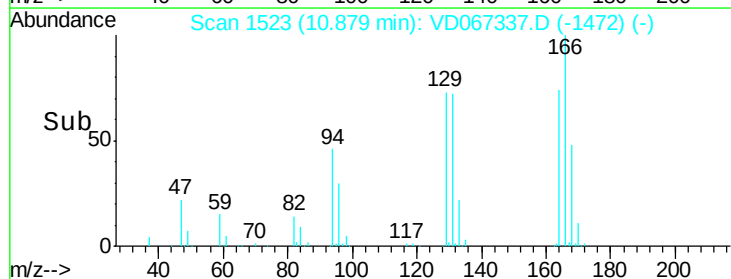
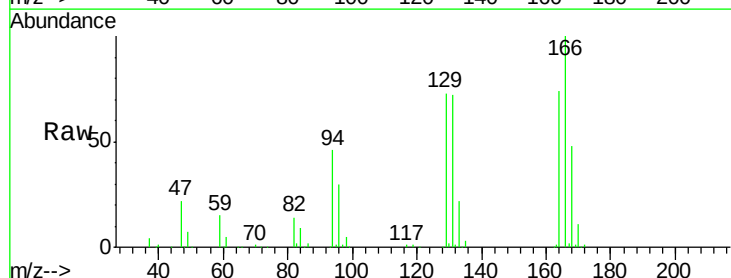
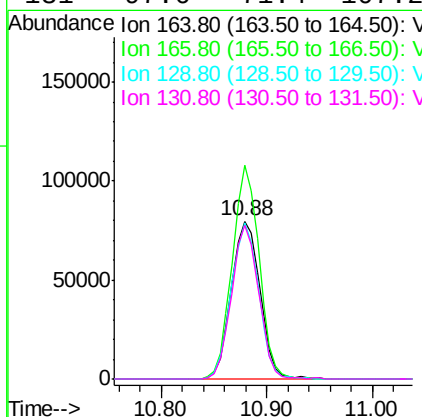
Manual Integrations
APPROVED

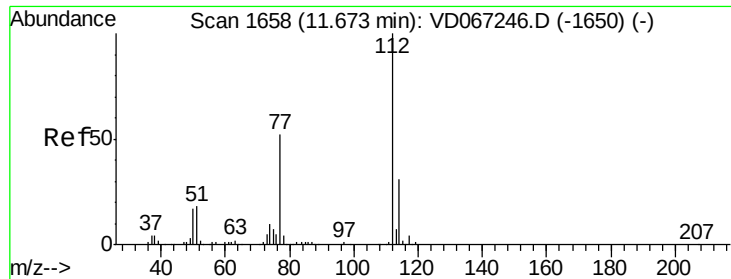
MMDadoda
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#64
Tetrachloroethene
Concen: 48.117 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.2	107.3	160.9
129	98.9	77.3	115.9
131	97.6	71.4	107.2





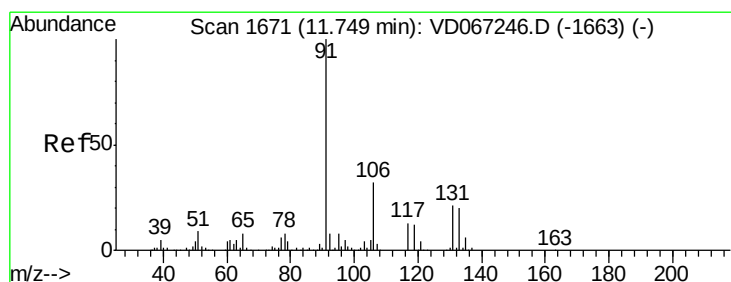
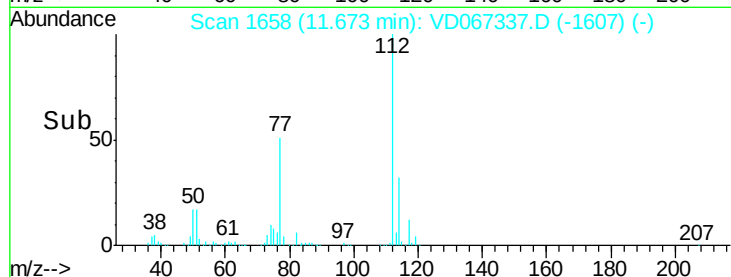
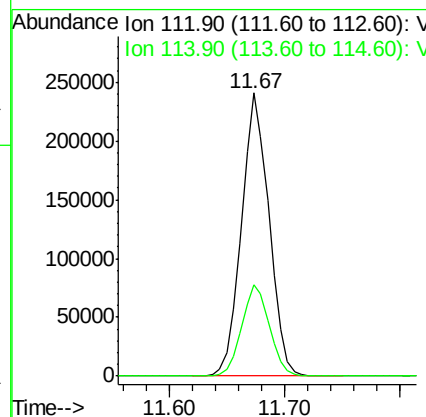
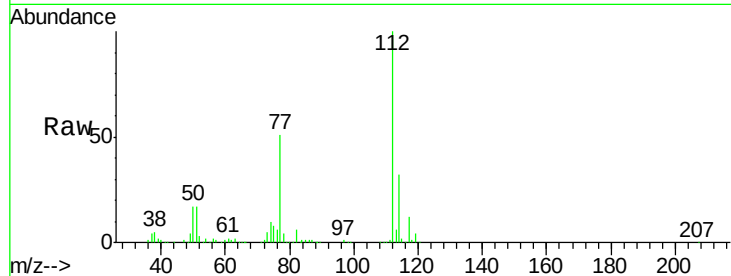
#65
Chlorobenzene
Concen: 48.581 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.4

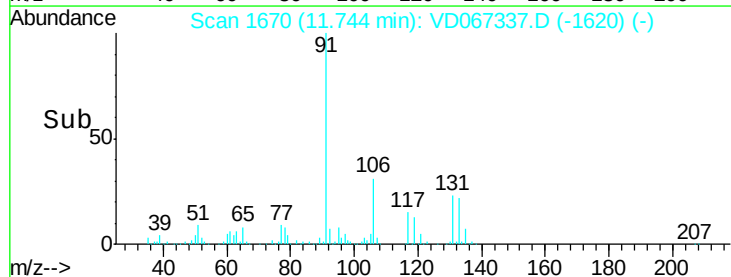
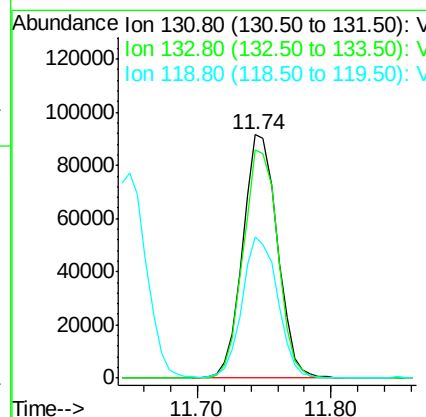
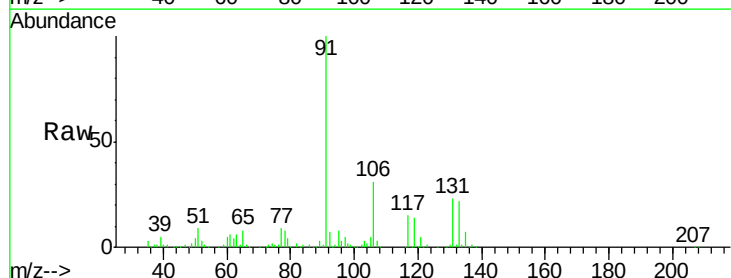
Manual Integrations
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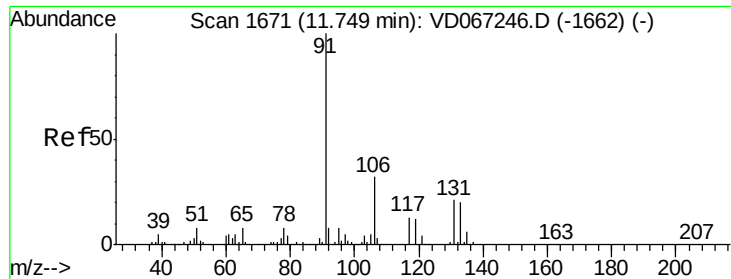
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.344 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	48.1	144.3
119	59.5	30.0	90.0





#67

Ethyl Benzene

Concen: 50.343 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 708640

Ion Ratio Lower Upper

91 100

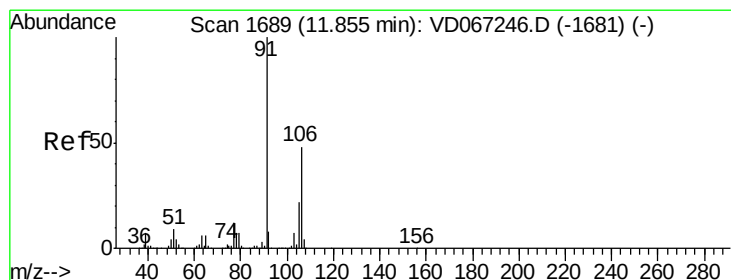
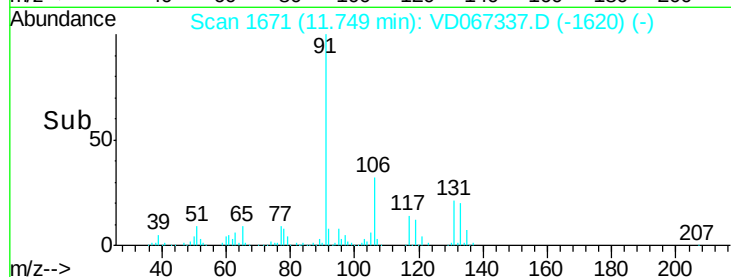
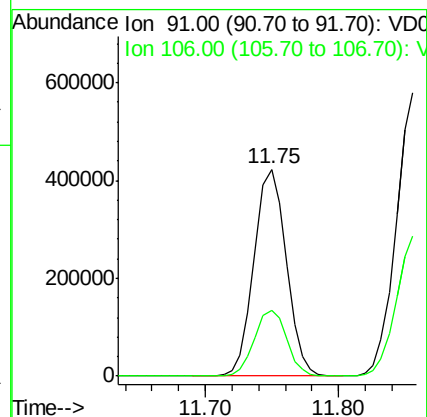
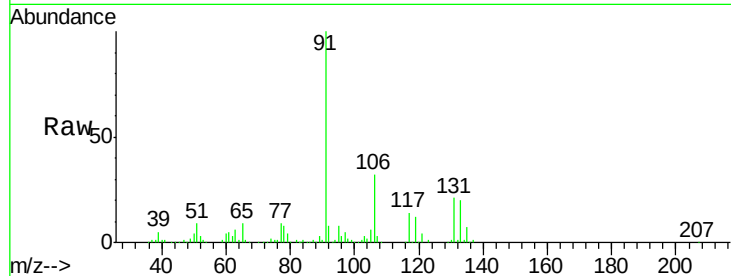
106 31.5 25.4 38.0

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 102.305 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067337.D

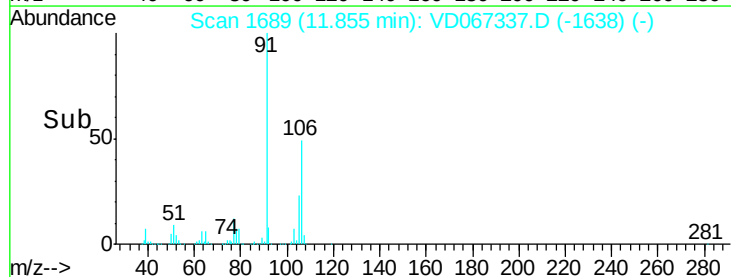
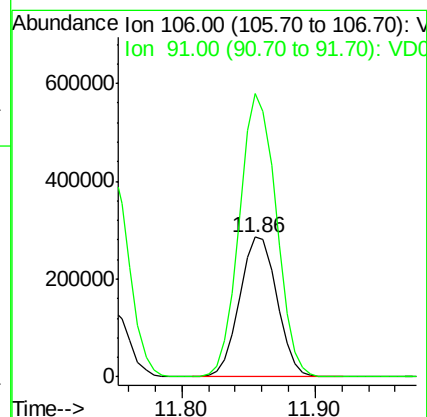
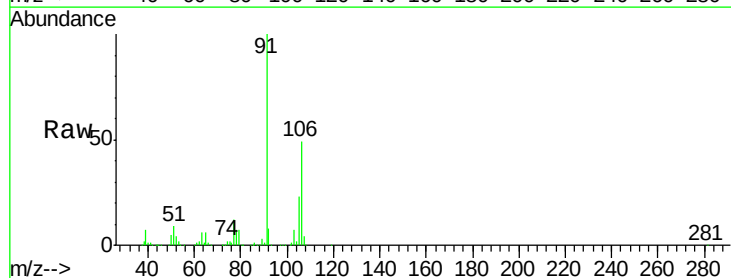
Acq: 21 Oct 2020 10:07

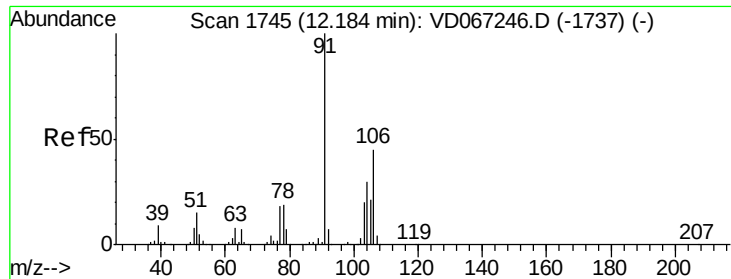
Tgt Ion: 106 Resp: 554549

Ion Ratio Lower Upper

106 100

91 200.0 163.8 245.8





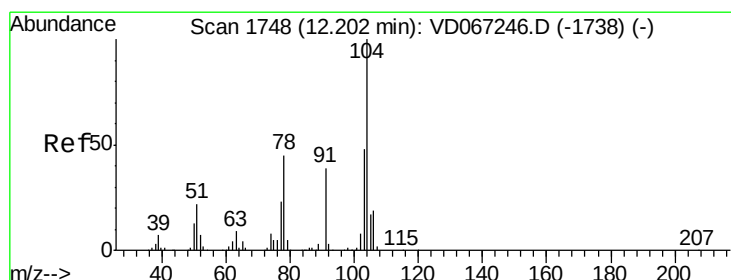
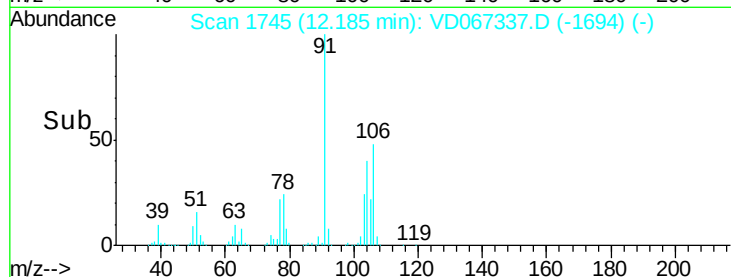
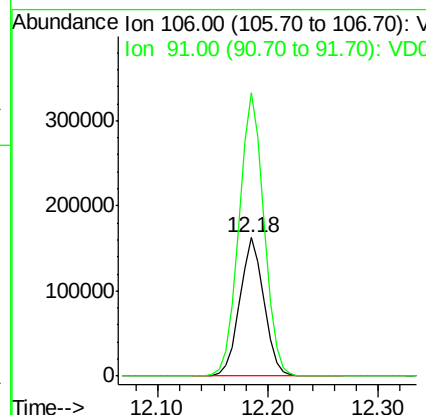
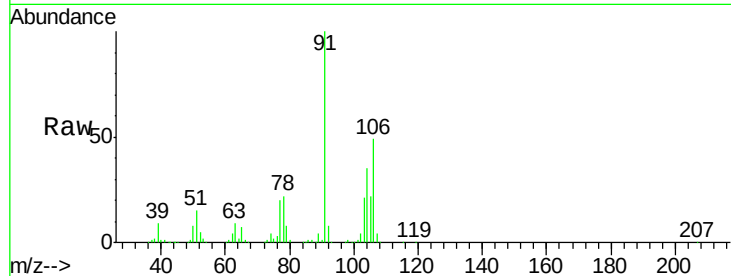
#69
o-Xylene
Concen: 50.043 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		251190		
91	210.3	109.1	327.3		

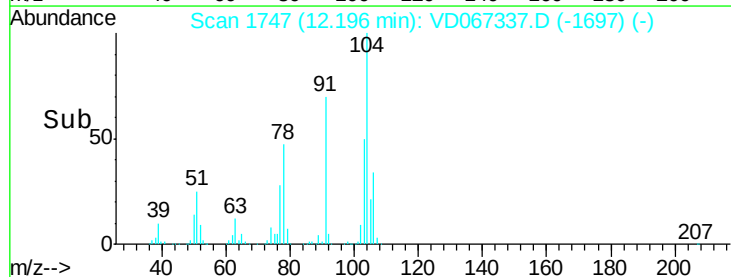
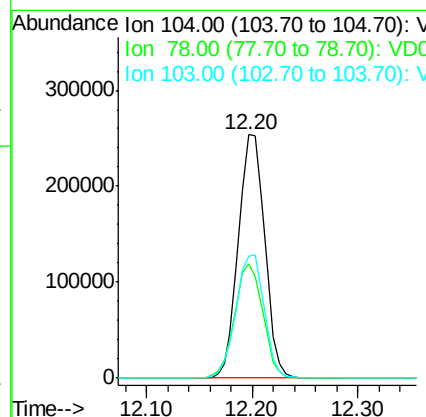
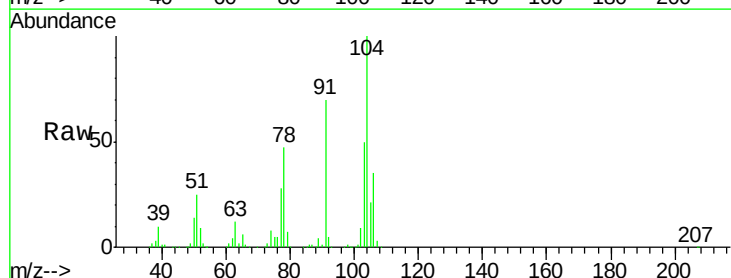
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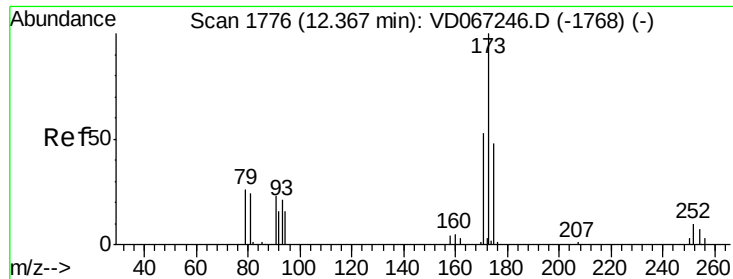
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#70
Styrene
Concen: 50.842 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		439311		
78	50.0	39.8	59.6		
103	53.9	42.6	64.0		





#71

Bromoform

Concen: 49.395 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86605

Ion Ratio Lower Upper

173 100

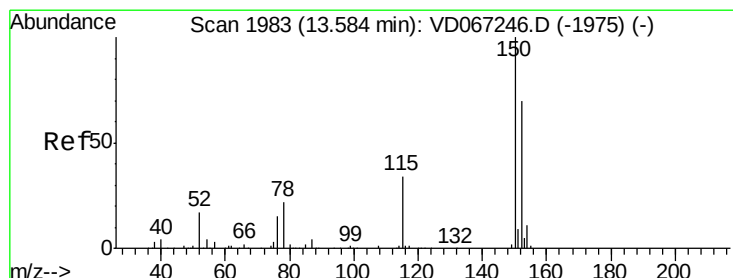
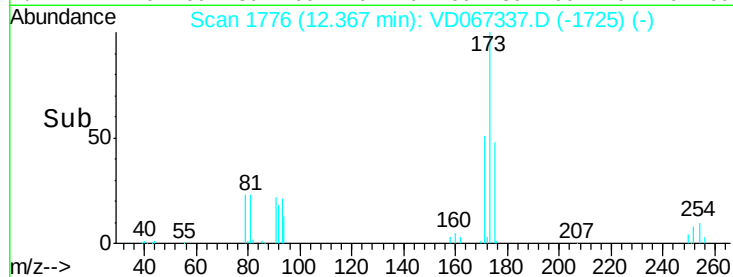
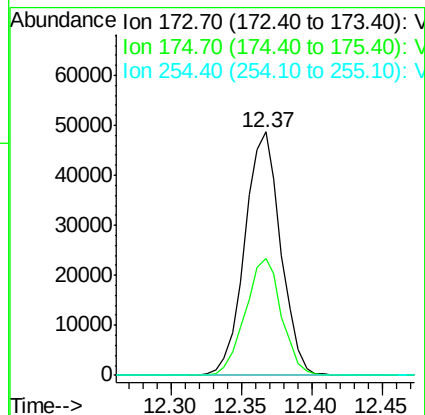
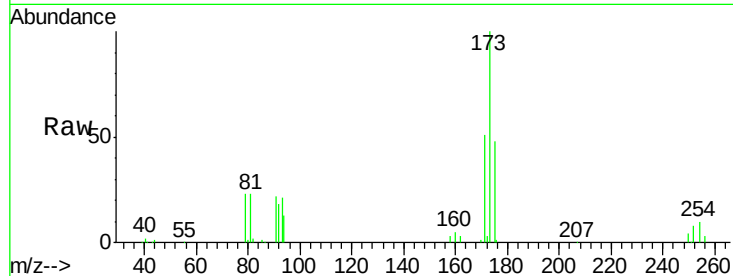
175 48.4 24.2 72.6

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

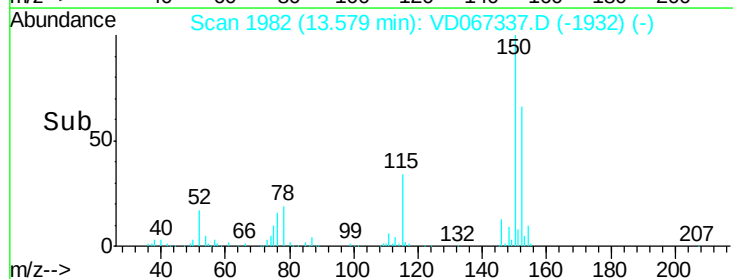
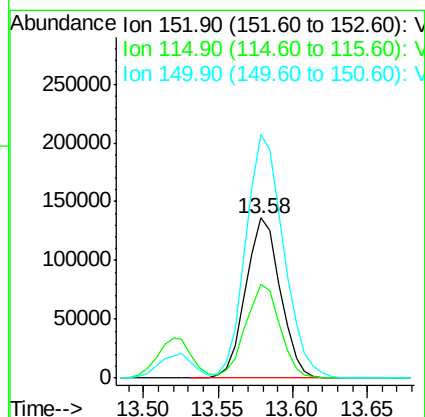
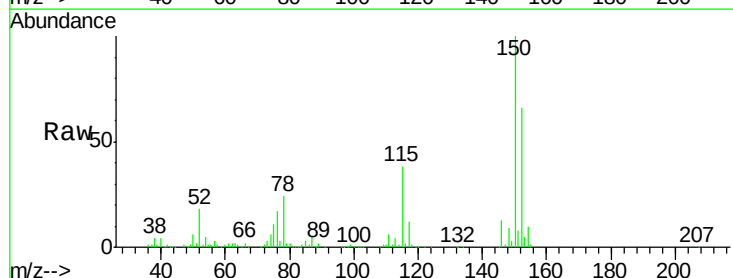
Tgt Ion:152 Resp: 217689

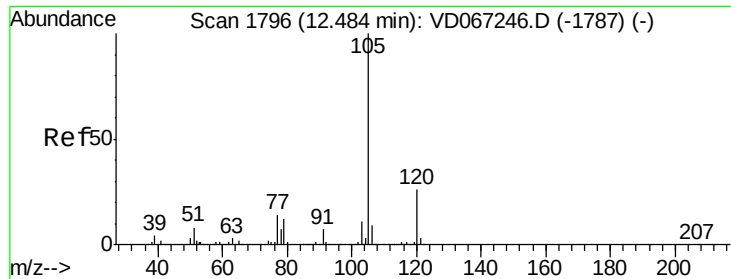
Ion Ratio Lower Upper

152 100

115 58.2 29.3 87.9

150 167.0 0.0 339.0





#73

Isopropylbenzene

Concen: 52.067 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 719357

Ion Ratio Lower Upper

105 100

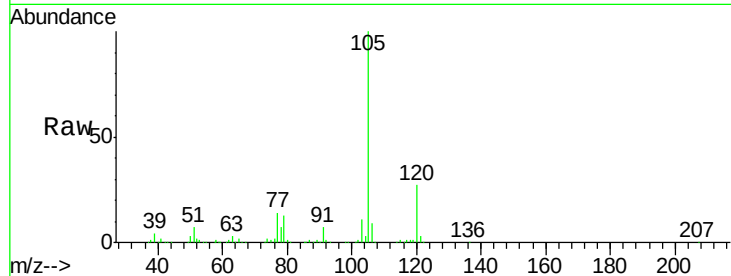
120 26.4 13.3 39.8

Manual Integrations

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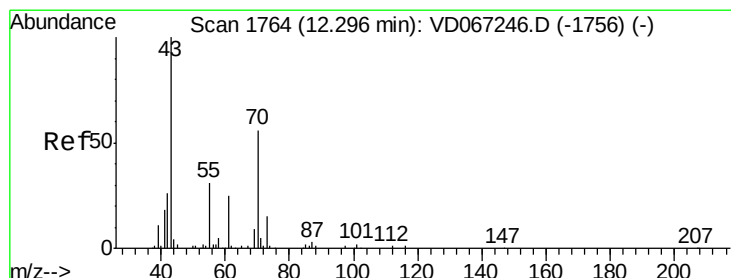
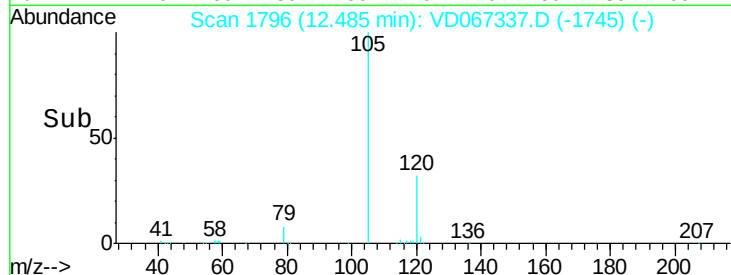
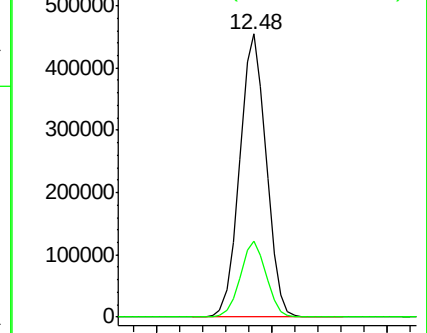
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.452 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion: 43 Resp: 101103

Ion Ratio Lower Upper

43 100

70 52.5 42.7 64.1

55 29.0 24.0 36.0

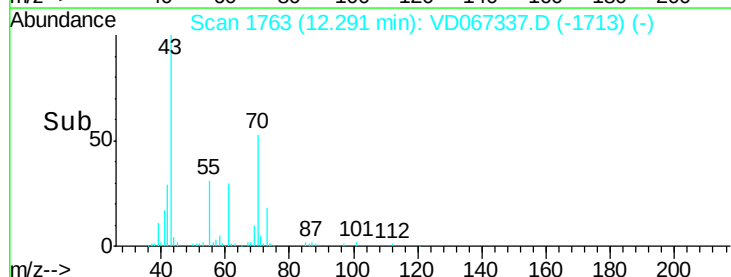
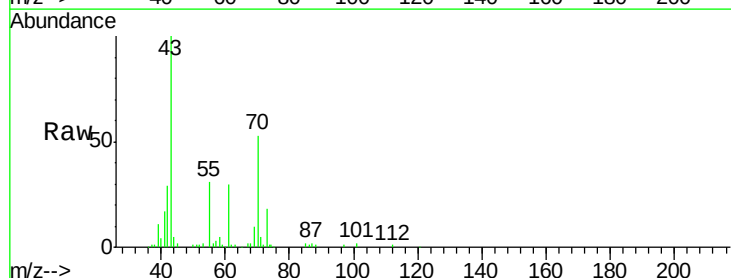
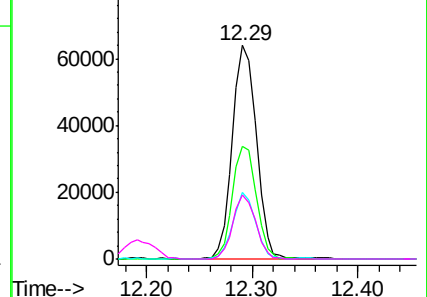
61 28.3 22.2 33.4

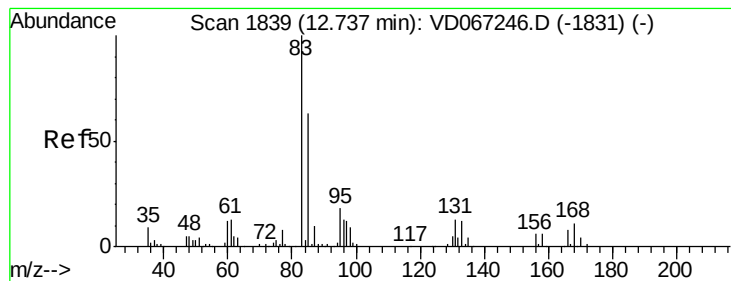
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.328 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 102307

Ion Ratio Lower Upper

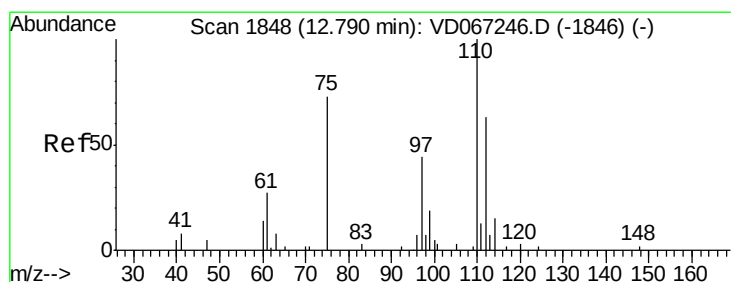
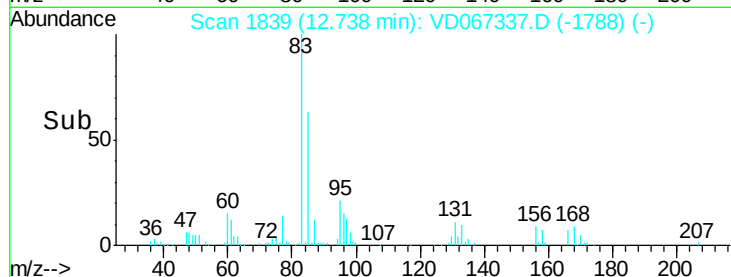
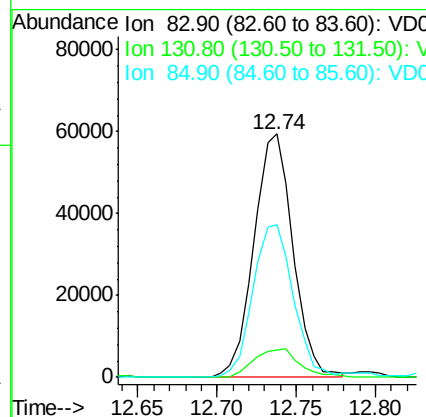
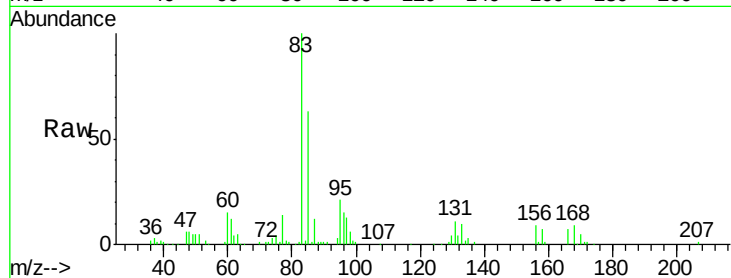
83 100

131 13.6 6.5 19.5

85 64.7 32.6 97.7

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#76

1,2,3-Trichloropropane

Concen: 50.774 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067337.D

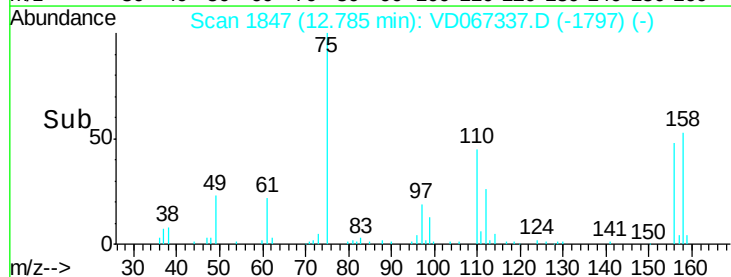
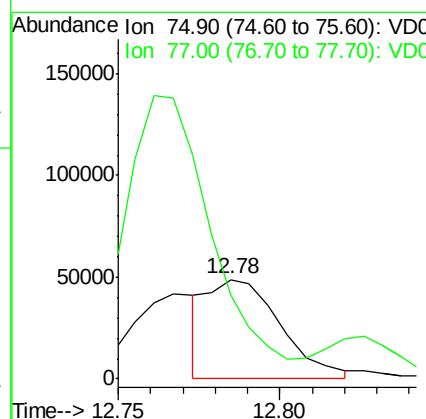
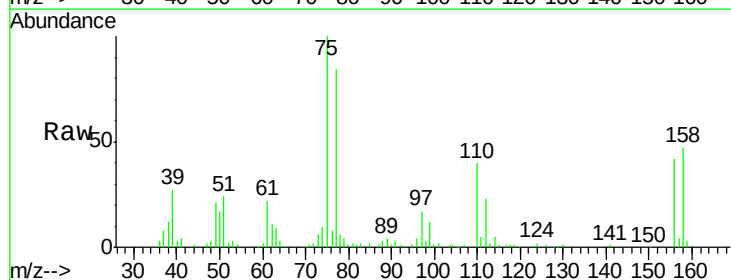
Acq: 21 Oct 2020 10:07

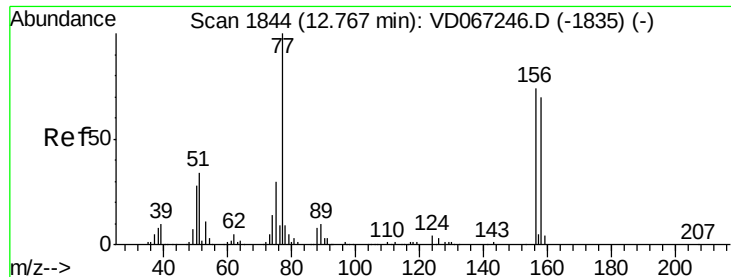
Tgt Ion: 75 Resp: 76608

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.830 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

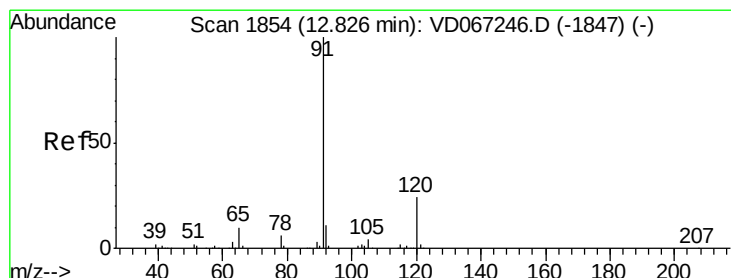
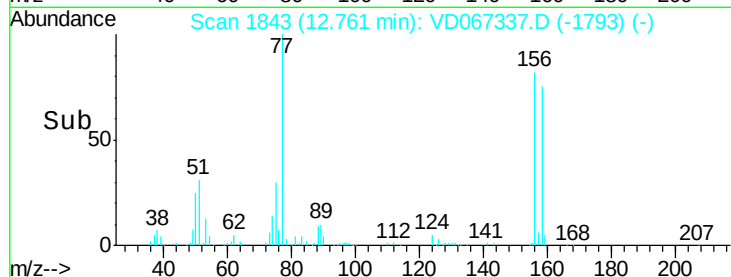
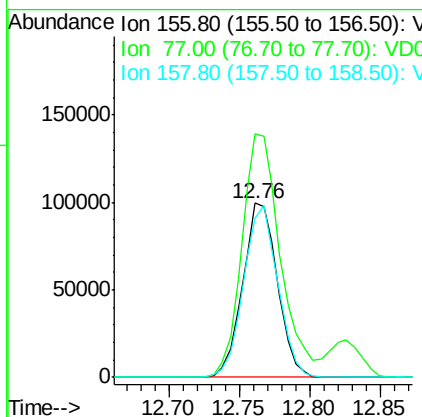
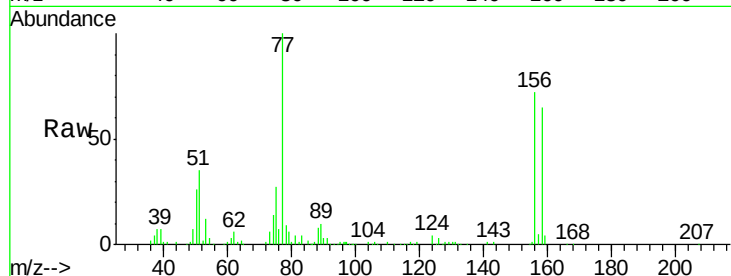
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.7	78.0	233.8
158	96.7	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 51.146 ug/l

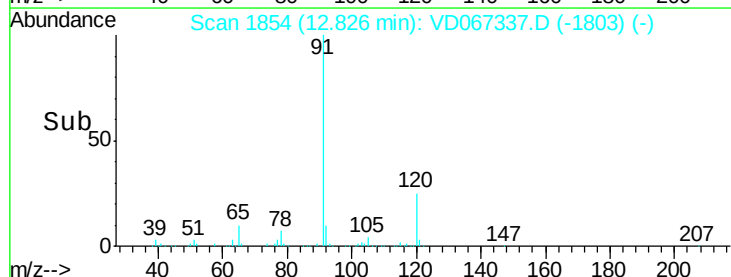
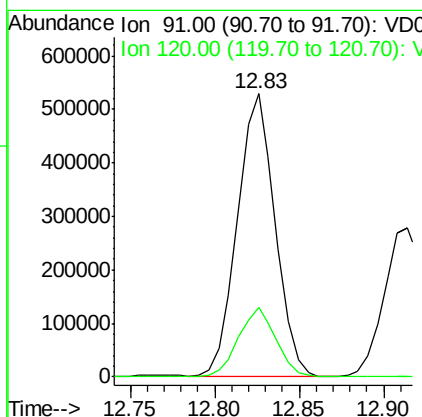
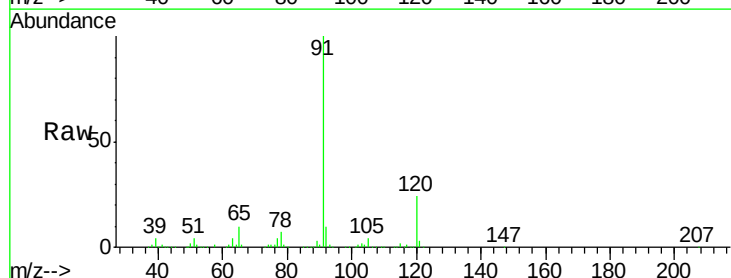
RT: 12.83 min Scan# 1854

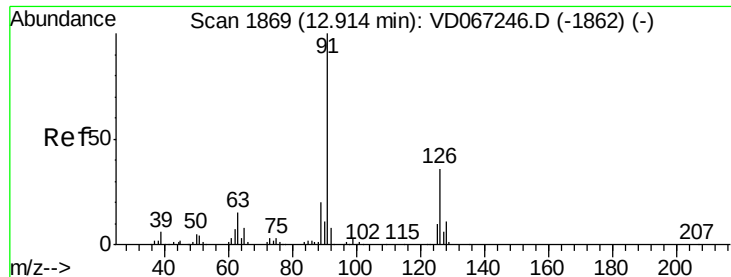
Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.441 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067337.D

Acq: 21 Oct 2020 10:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 468247

Ion Ratio Lower Upper

91 100

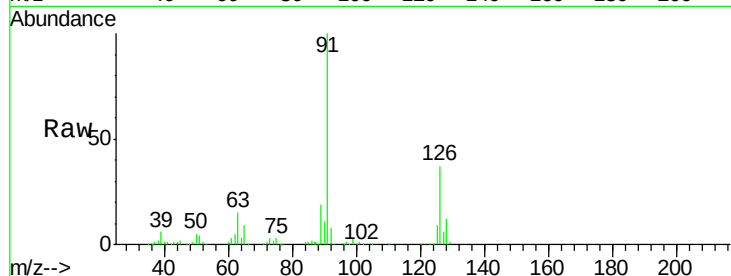
126 36.1 17.6 52.8

Manual Integrations

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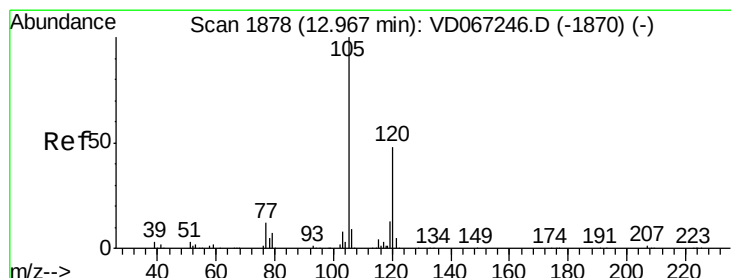
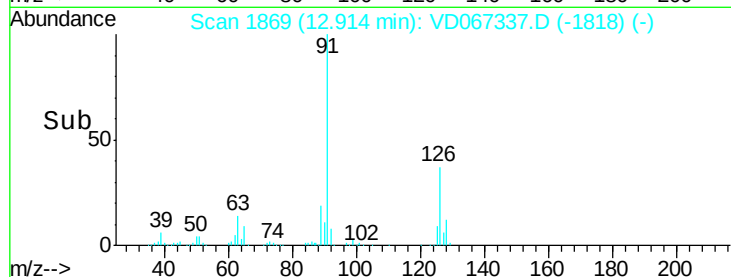
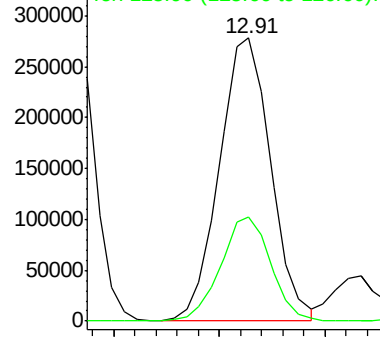
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.584 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067337.D

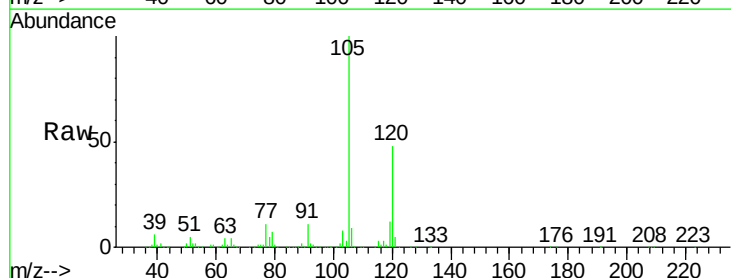
Acq: 21 Oct 2020 10:07

Tgt Ion:105 Resp: 619323

Ion Ratio Lower Upper

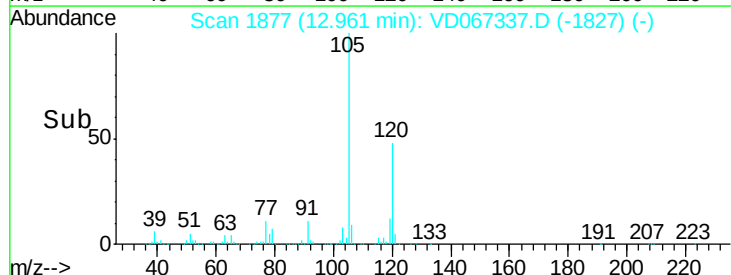
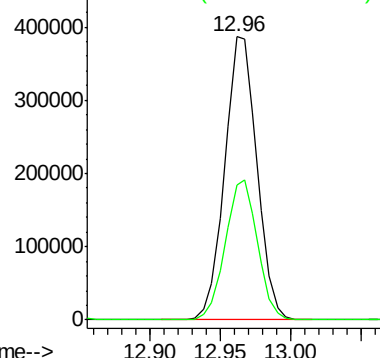
105 100

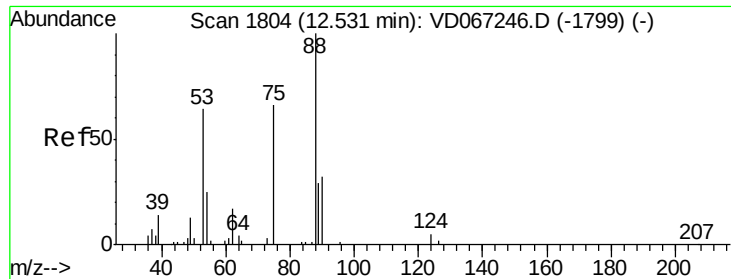
120 49.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





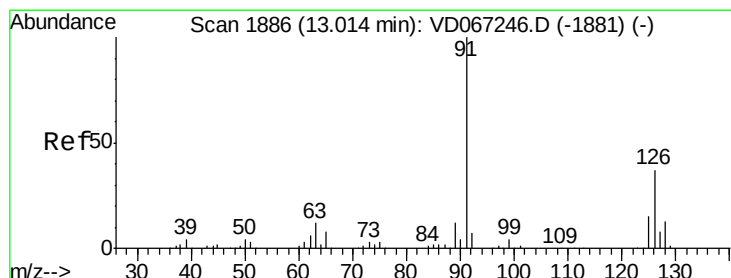
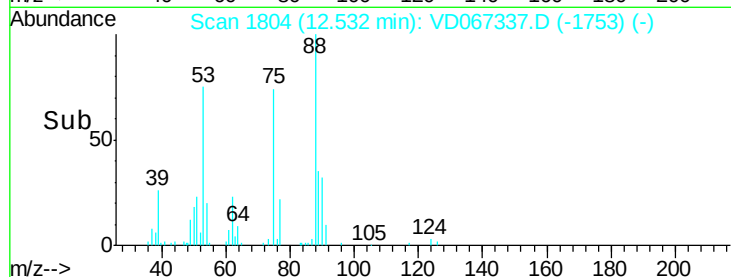
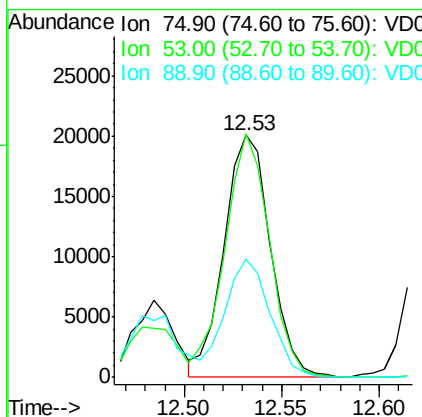
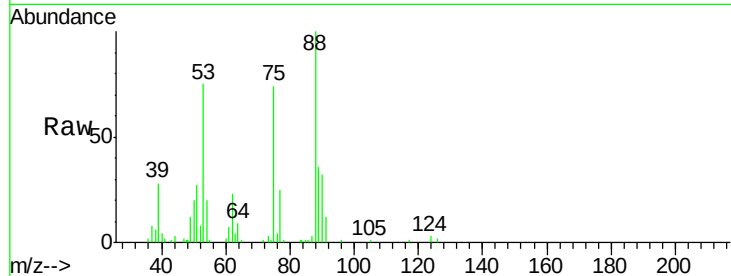
#81
trans-1,4-Dichloro-2-butene
Concen: 49.644 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.6	78.5	117.7
89	47.7	39.9	59.9

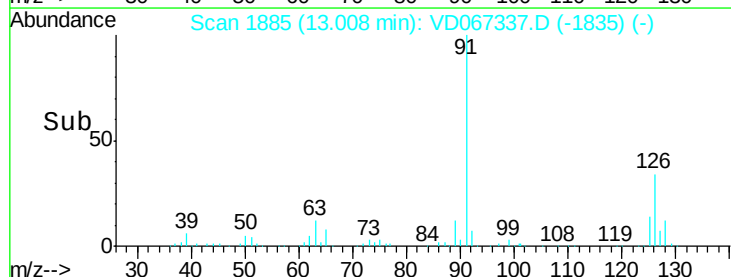
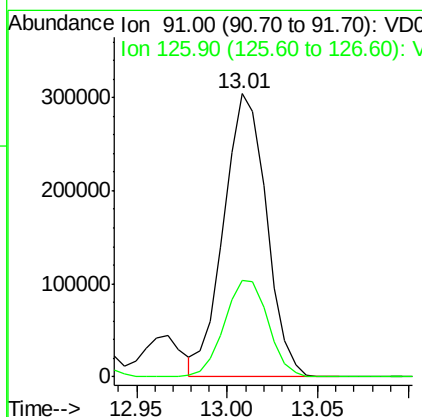
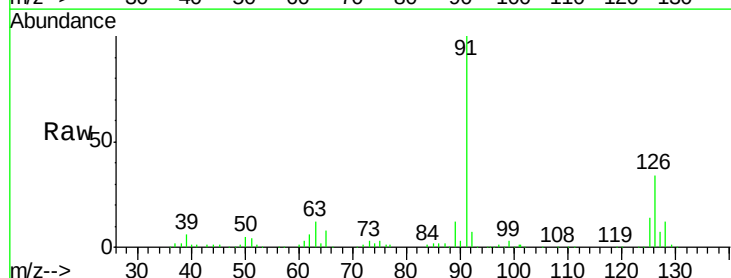
Manual Integrations
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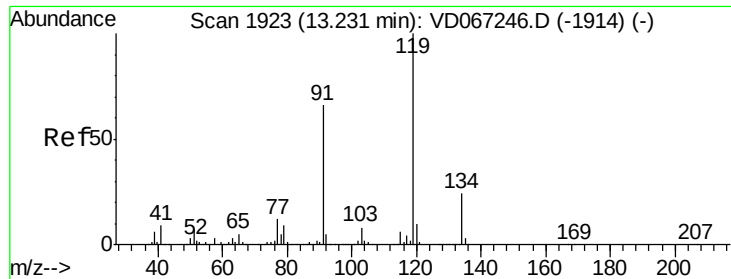
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.466 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.8	53.5





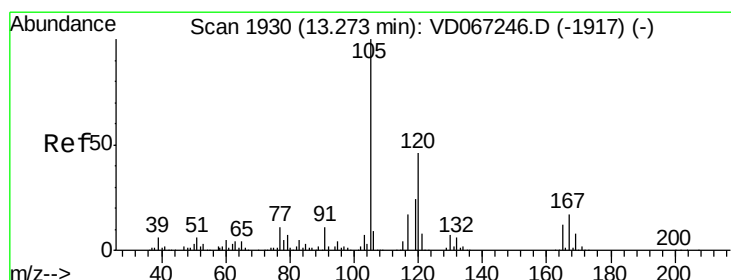
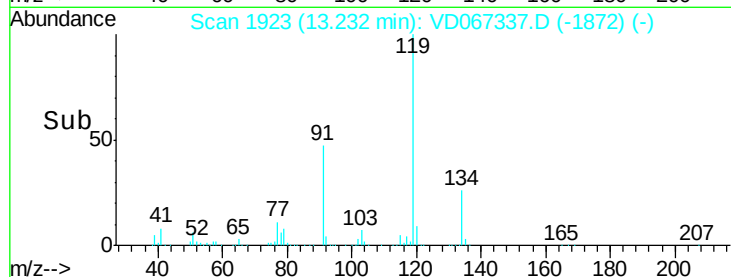
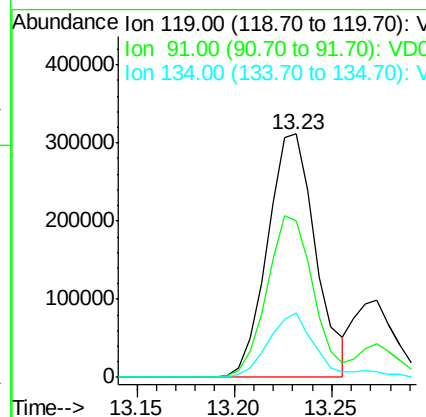
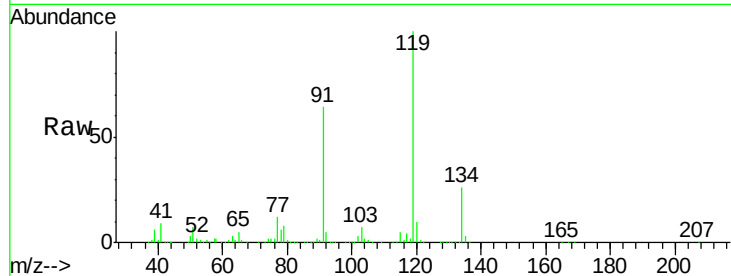
#83
 tert-Butylbenzene
 Concen: 52.590 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	533353		
91	63.7		33.1	99.2
134	26.6		13.3	39.9

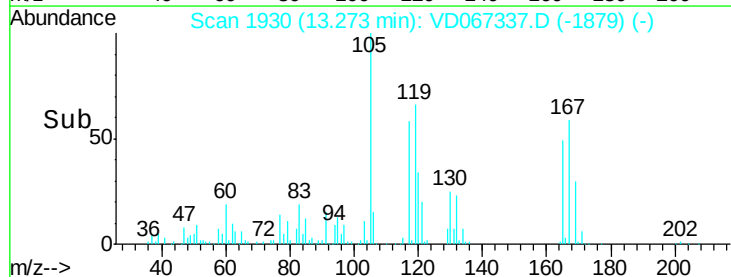
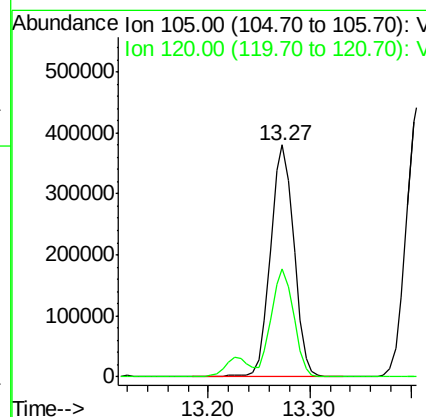
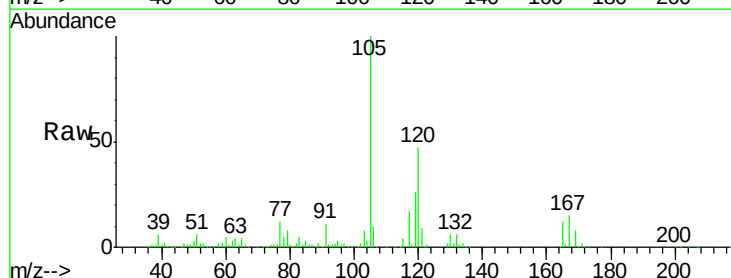
Manual Integrations
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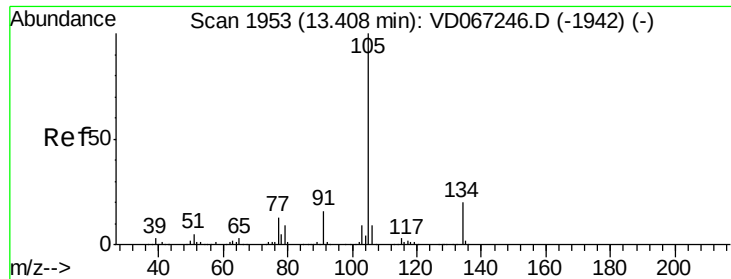
MMDadoda
 10/22/2020 5:19:11 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.418 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	610151		
120	45.3		22.4	67.3





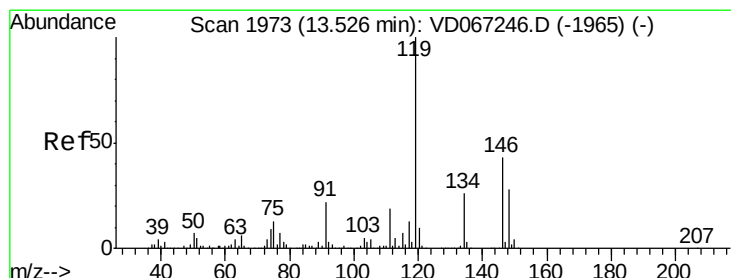
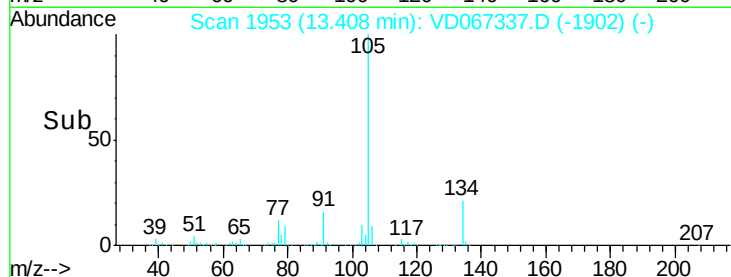
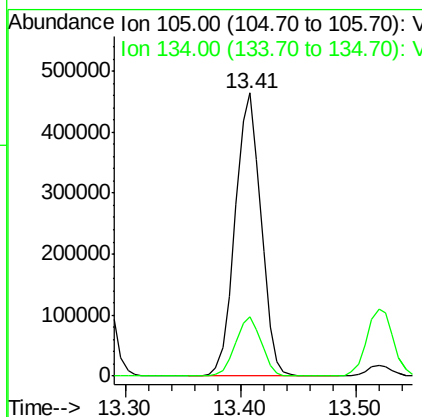
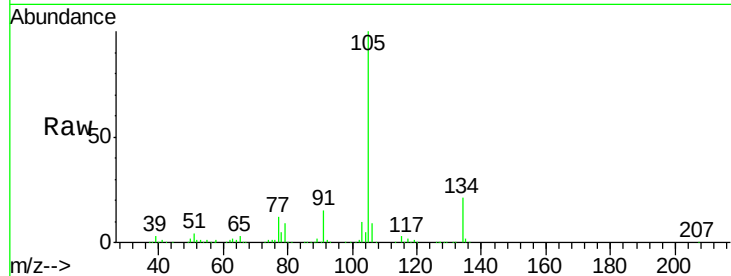
#85
 sec-Butylbenzene
 Concen: 51.545 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	717290		
134	21.1	10.5	31.5	

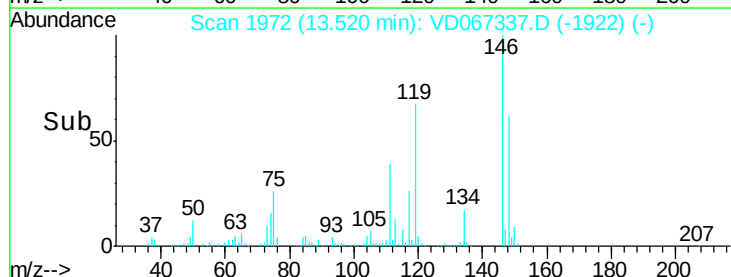
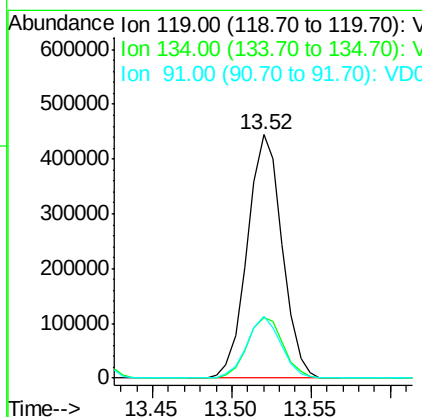
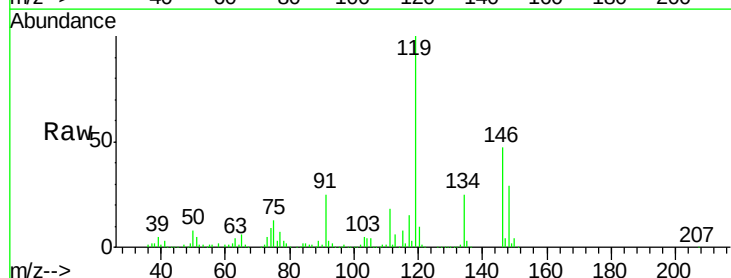
Manual Integrations
 APPROVED

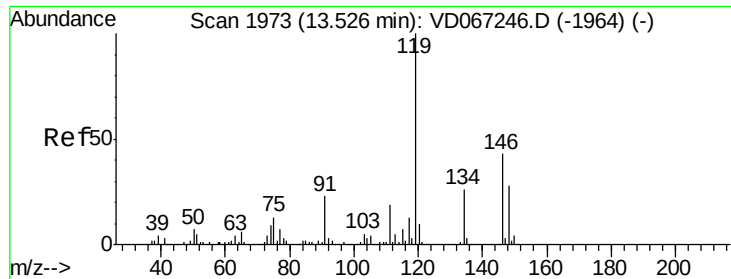
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 10/22/2020 5:19:11 PM



#86
 p-Isopropyltoluene
 Concen: 51.464 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	675970		
134	26.0	13.1	39.3	
91	24.6	11.9	35.9	





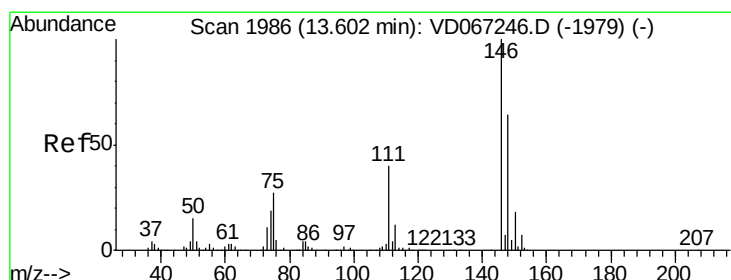
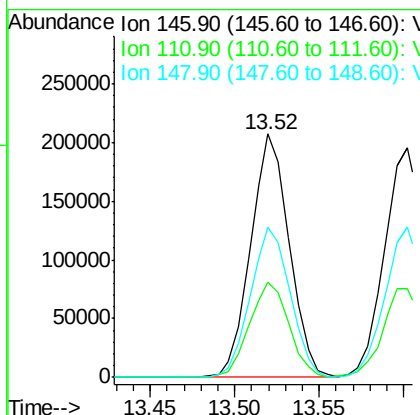
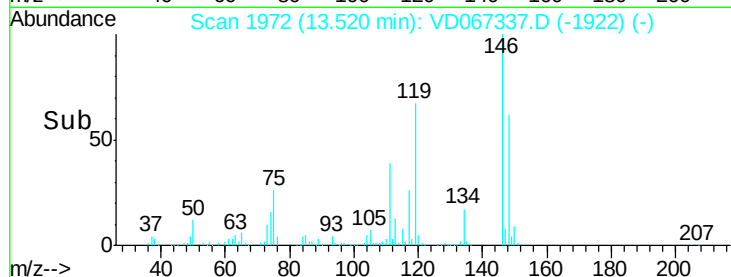
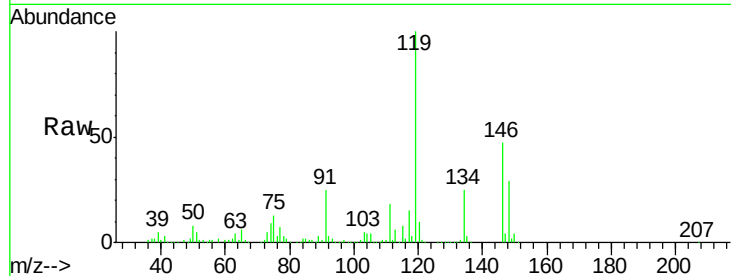
#87
 1,3-Dichlorobenzene
 Concen: 49.393 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	327465		
111	40.1	21.1	63.3	
148	63.5	31.9	95.9	

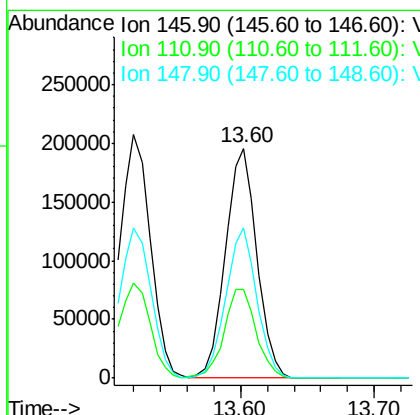
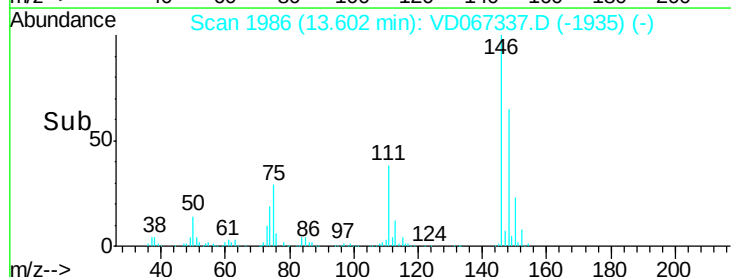
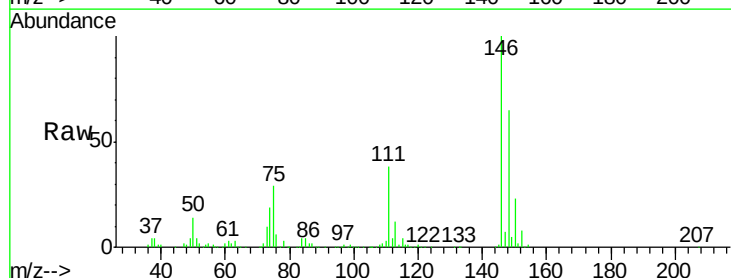
Manual Integrations
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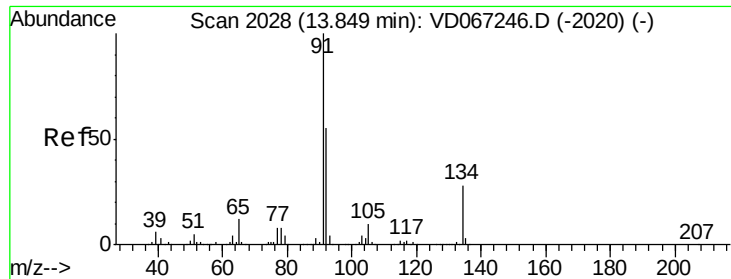
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.947 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	321510		
111	39.6	19.9	59.7	
148	64.3	31.9	95.9	





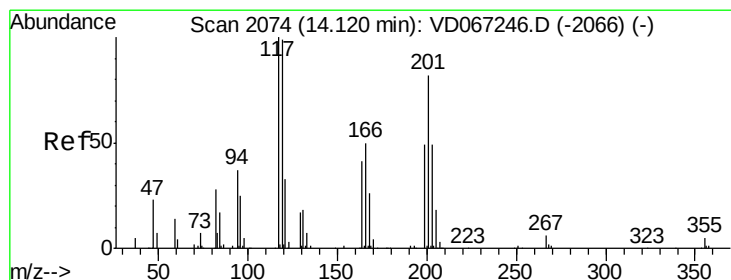
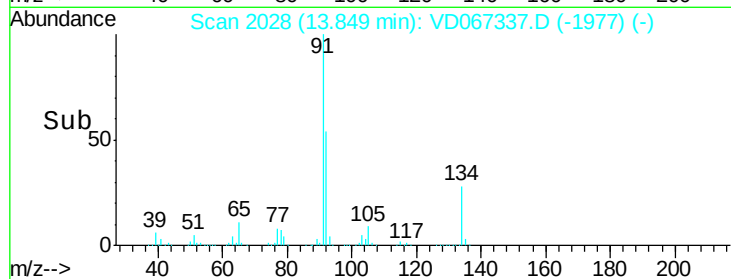
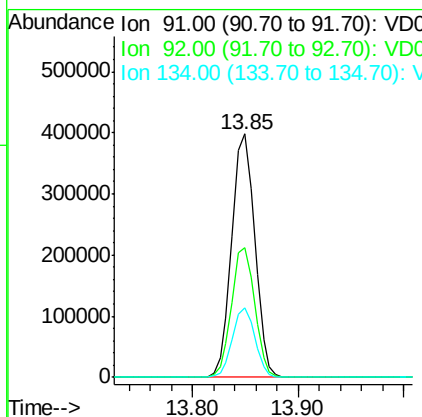
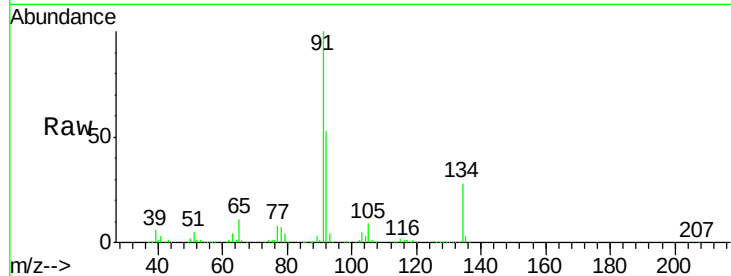
#89
n-Butylbenzene
Concen: 51.984 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.0
134	27.9	14.2	42.6

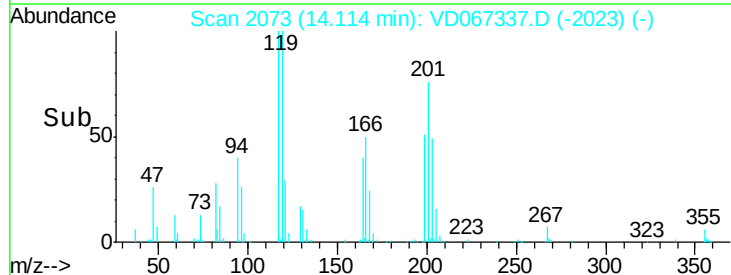
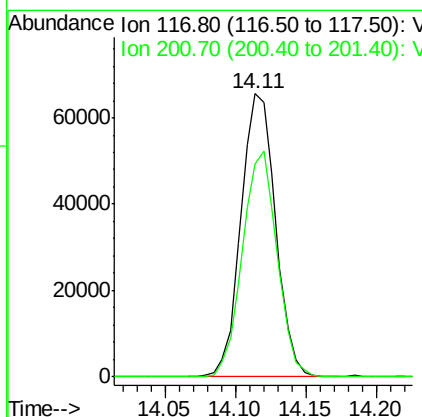
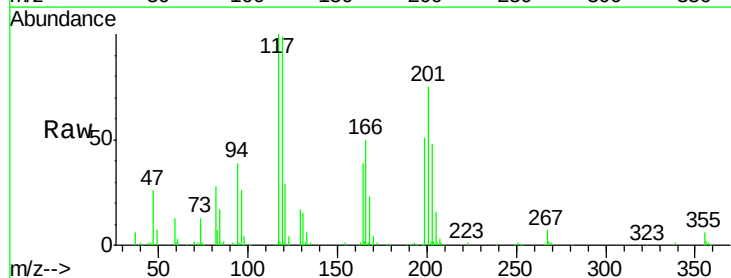
Manual Integrations
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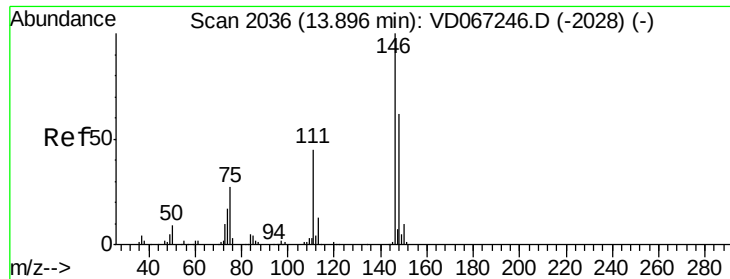
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10/22/2020 5:19:11 PM



#90
Hexachloroethane
Concen: 49.225 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	40.8	122.2





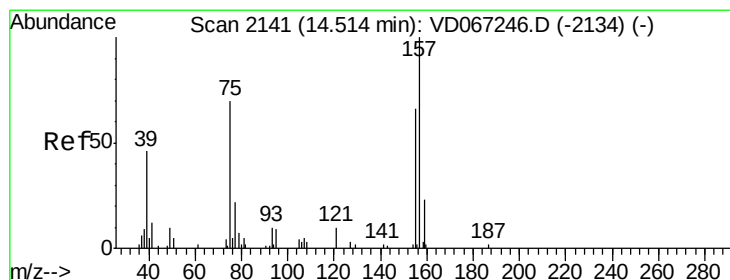
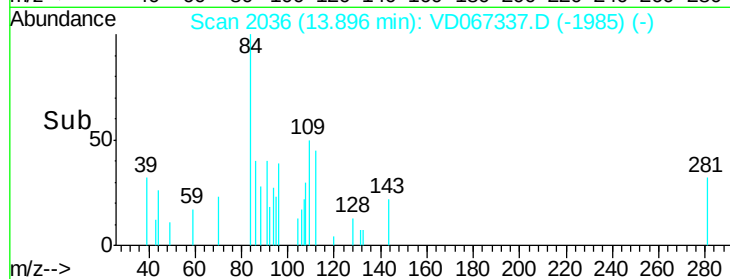
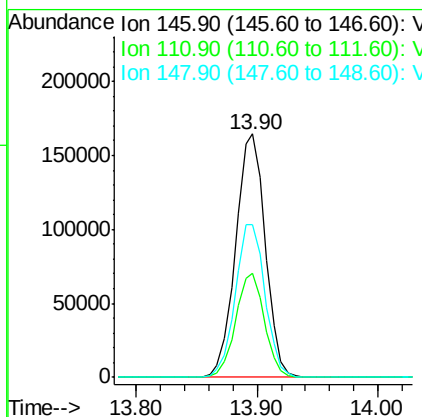
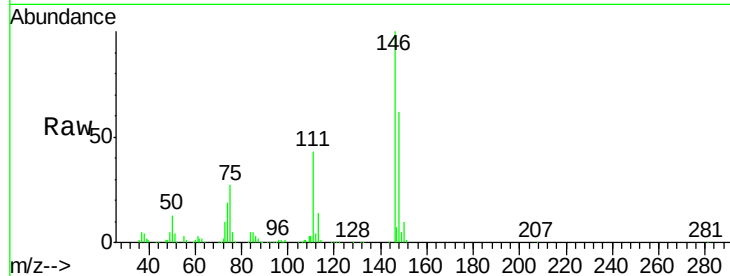
#91
 1,2-Dichlorobenzene
 Concen: 48.489 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280833		
111	41.5		22.0	66.0
148	63.3		32.5	97.5

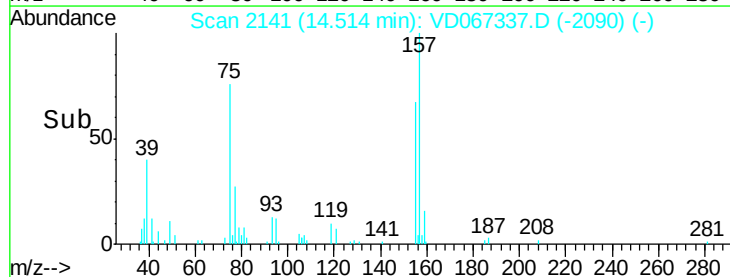
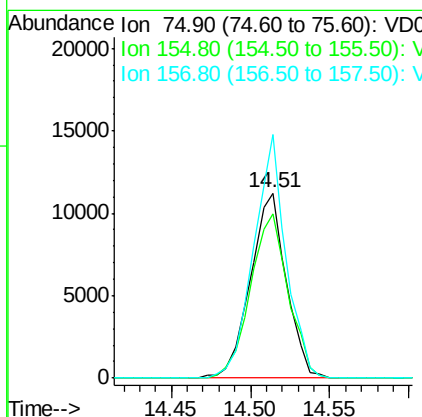
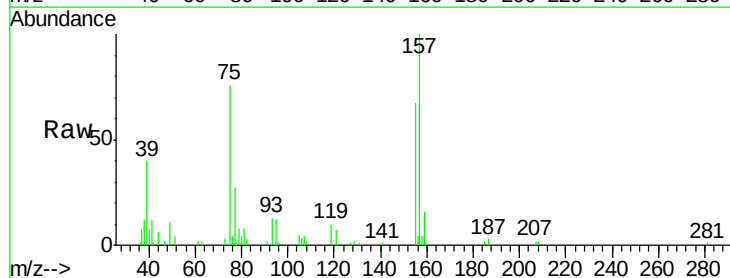
Manual Integrations
 APPROVED

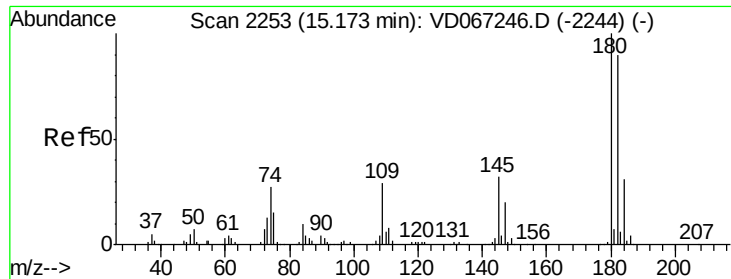
MMDadoda
 10/22/2020 5:19:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.745 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17593		
155	93.7		44.8	134.4
157	118.9		62.5	187.4





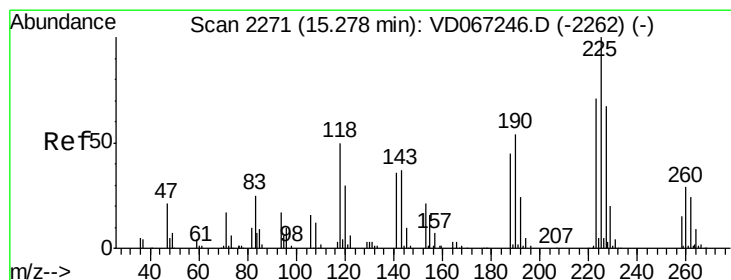
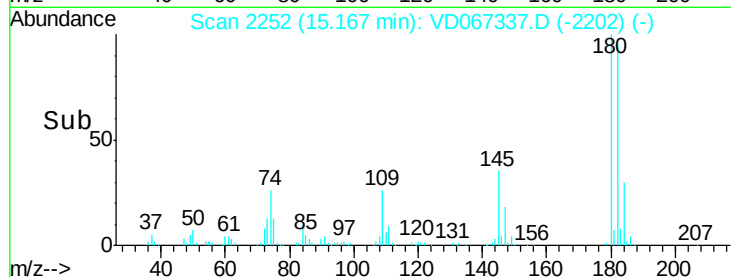
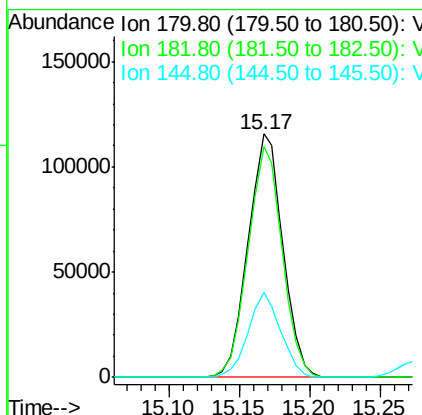
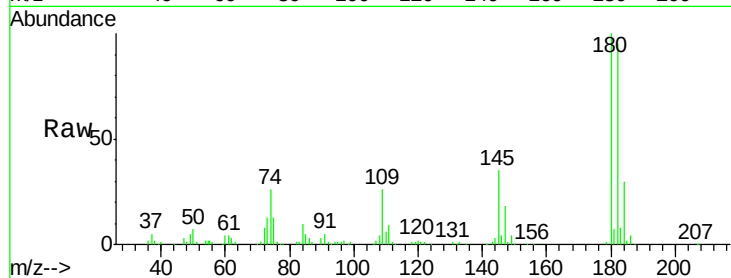
#93
 1,2,4-Trichlorobenzene
 Concen: 51.118 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199611		
182	93.4	48.1	144.4	
145	32.9	16.3	48.9	

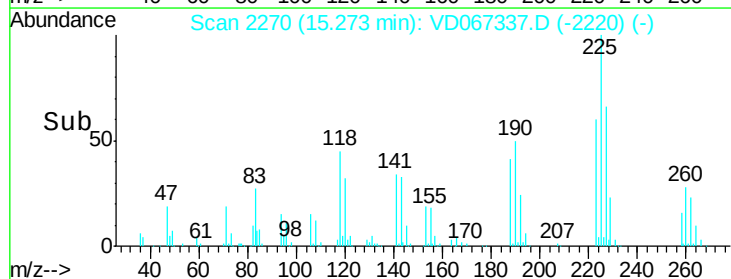
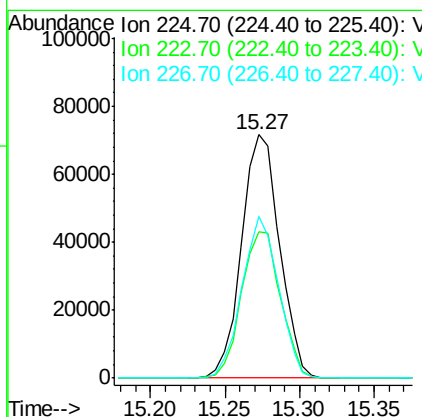
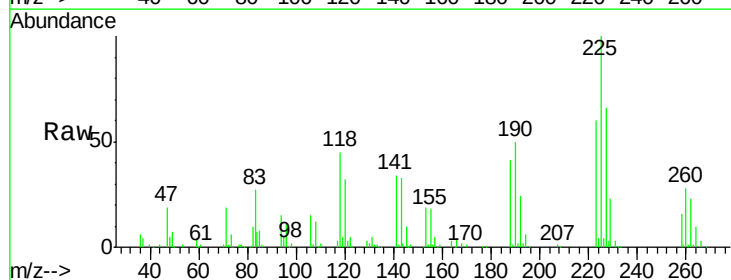
Manual Integrations
 APPROVED

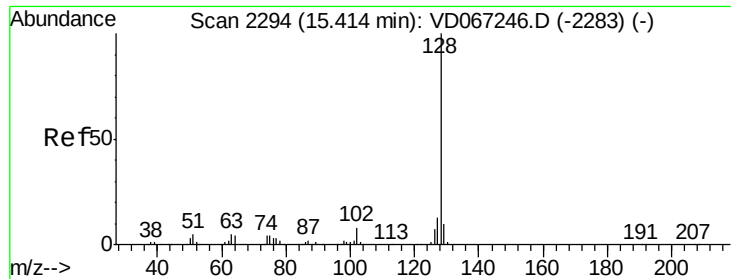
MMDadoda
 10/22/2020 5:19:11 PM



#94
 Hexachlorobutadiene
 Concen: 52.133 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067337.D
 Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126419		
223	61.5	31.9	95.7	
227	63.9	31.2	93.6	





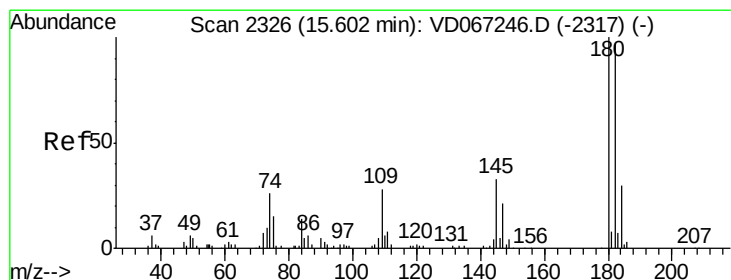
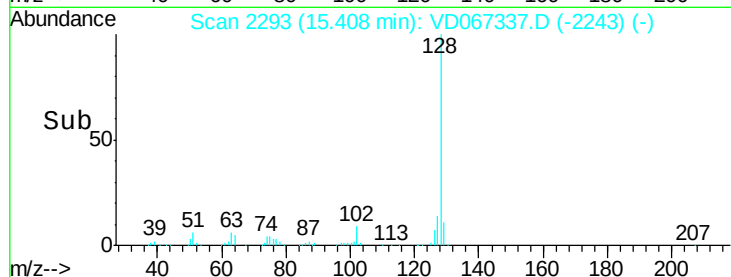
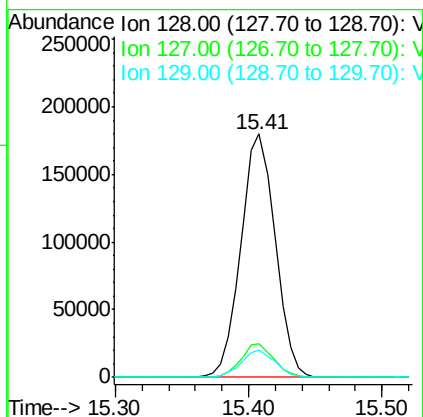
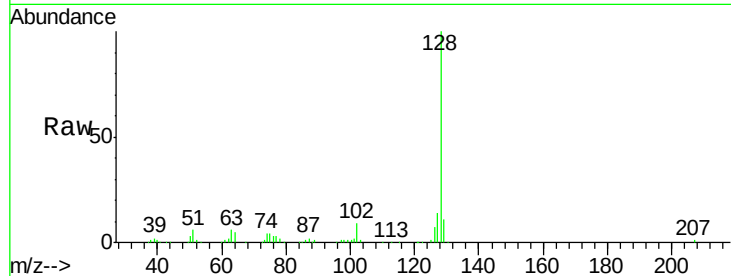
#95
Naphthalene
Concen: 50.041 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/22/2020 5:19:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.325 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067337.D
Acq: 21 Oct 2020 10:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	33.2	17.3	51.9

