

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067672.D
 Acq On : 17 Nov 2020 19:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:50:21 AM

Quant Time: Nov 18 01:11:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	274682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	419696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	384403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	190513	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	108686	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
35) Dibromofluoromethane	7.92	113	113293	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	10.34	98	388920	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.64	95	139715	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	104527	46.712	ug/l	96
3) Chloromethane	2.21	50	69688	40.741	ug/l	98
4) Vinyl Chloride	2.35	62	77289	40.528	ug/l	97
5) Bromomethane	2.77	94	71478	46.243	ug/l	100
6) Chloroethane	2.93	64	50408	42.874	ug/l	97
7) Trichlorofluoromethane	3.28	101	233857	47.360	ug/l	90
8) Diethyl Ether	3.71	74	49649	49.900	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	119944	48.122	ug/l	97
10) Methyl Iodide	4.31	142	138659	51.905	ug/l	99
11) Tert butyl alcohol	5.22	59	27928	271.572	ug/l	97
12) 1,1-Dichloroethene	4.07	96	112834	49.216	ug/l	99
13) Acrolein	3.93	56	23803	226.313	ug/l	94
14) Allyl chloride	4.72	41	115399	47.031	ug/l	94
15) Acrylonitrile	5.42	53	90867	247.060	ug/l	99
16) Acetone	4.16	43	78036	217.120	ug/l	95
17) Carbon Disulfide	4.41	76	309120	44.001	ug/l	98
18) Methyl Acetate	4.72	43	36394	49.001	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	238968	52.843	ug/l	92
20) Methylene Chloride	4.97	84	128093	50.453	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	130539	48.885	ug/l	94
22) Diisopropyl ether	6.36	45	246297	51.510	ug/l	96
23) Vinyl Acetate	6.31	43	648071	258.926	ug/l	99
24) 1,1-Dichloroethane	6.27	63	197217	50.416	ug/l	98
25) 2-Butanone	7.21	43	94762	246.748	ug/l	97
26) 2,2-Dichloropropane	7.21	77	210074	50.884	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	144435	52.111	ug/l	99
28) Bromochloromethane	7.55	49	68579	49.287	ug/l	95
29) Tetrahydrofuran	7.56	42	56852	247.135	ug/l	97
30) Chloroform	7.71	83	245165	52.535	ug/l	97
31) Cyclohexane	7.99	56	149774	42.995	ug/l	# 88
32) 1,1,1-Trichloroethane	7.91	97	243600	50.591	ug/l	99
36) 1,1-Dichloropropene	8.11	75	171952	47.864	ug/l	99
37) Ethyl Acetate	7.30	43	42312	45.366	ug/l	98
38) Carbon Tetrachloride	8.10	117	238999	51.203	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	202670	47.932	ug/l	96
40) Benzene	8.36	78	483705	49.706	ug/l	98
41) Methacrylonitrile	7.53	41	24977	44.801	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	155317	51.658	ug/l	97
43) Isopropyl Acetate	8.46	43	87870	47.637	ug/l	98
44) Trichloroethene	9.12	130	156253	48.833	ug/l	92
45) 1,2-Dichloropropane	9.40	63	103810	49.340	ug/l	93
46) Dibromomethane	9.48	93	65529	48.984	ug/l	96
47) Bromodichloromethane	9.67	83	189148	52.020	ug/l	98
48) Methyl methacrylate	9.46	41	43397	45.566	ug/l	90
49) 1,4-Dioxane	9.46	88	13311	980.147	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	221757	251.377	ug/l	98
52) Toluene	10.41	92	334782	51.363	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	161939	52.001	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	189632	51.253	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	91096	51.466	ug/l	99
56) Ethyl methacrylate	10.67	69	91741	50.191	ug/l	98
57) 1,3-Dichloropropane	10.95	76	146659	51.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	212884	249.752	ug/l	98
59) 2-Hexanone	10.99	43	149632	242.589	ug/l	99
60) Dibromochloromethane	11.14	129	136404	52.095	ug/l	99
61) 1,2-Dibromoethane	11.25	107	88209	49.654	ug/l	97
64) Tetrachloroethene	10.88	164	139365	48.954	ug/l	97
65) Chlorobenzene	11.67	112	381721	51.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	152478	52.247	ug/l	99
67) Ethyl Benzene	11.75	91	652682	51.511	ug/l	98
68) m/p-Xylenes	11.86	106	507708	102.994	ug/l	100
69) o-Xylene	12.18	106	236138	53.653	ug/l	98
70) Styrene	12.20	104	407758	53.169	ug/l	99
71) Bromoform	12.37	173	75354	50.627	ug/l #	98
73) Isopropylbenzene	12.48	105	657517	53.402	ug/l	100
74) N-amyl acetate	12.30	43	78672	48.559	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	82526	49.153	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	68801m	59.864	ug/l	
77) Bromobenzene	12.77	156	157890	52.216	ug/l	97
78) n-propylbenzene	12.83	91	736642	52.306	ug/l	99
79) 2-Chlorotoluene	12.91	91	426150	53.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	575422	54.709	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	27013	47.720	ug/l	94
82) 4-Chlorotoluene	13.01	91	459834	53.593	ug/l	99
83) tert-Butylbenzene	13.23	119	482749	54.156	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	574063	54.831	ug/l	99
85) sec-Butylbenzene	13.41	105	638710	53.077	ug/l	99
86) p-Isopropyltoluene	13.52	119	613740	52.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	301307	52.221	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	295615	50.599	ug/l	98
89) n-Butylbenzene	13.85	91	528161	52.620	ug/l	99
90) Hexachloroethane	14.11	117	111039	50.742	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	261473	52.362	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15092	50.770	ug/l	94

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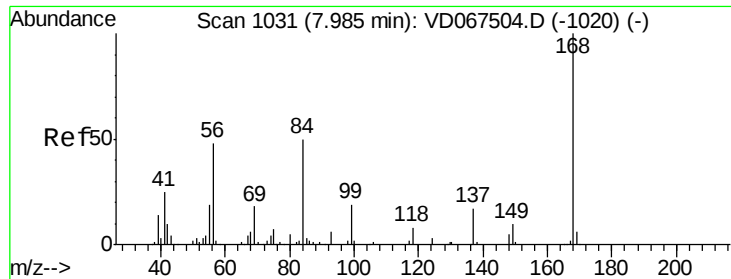
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	182110	53.732	ug/l	99
94) Hexachlorobutadiene	15.27	225	117174	51.657	ug/l	98
95) Naphthalene	15.41	128	282051	53.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	153762	52.979	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 274682

Ion Ratio Lower Upper

168 100

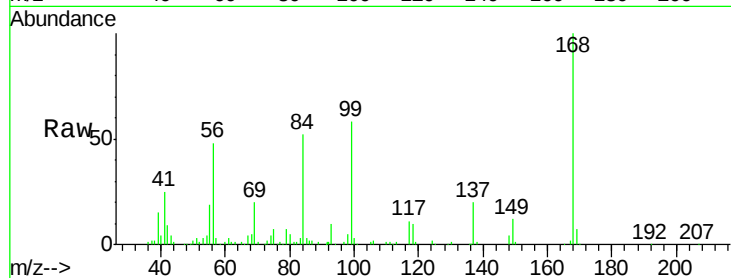
99 58.2 45.0 67.6

Manual Integrations

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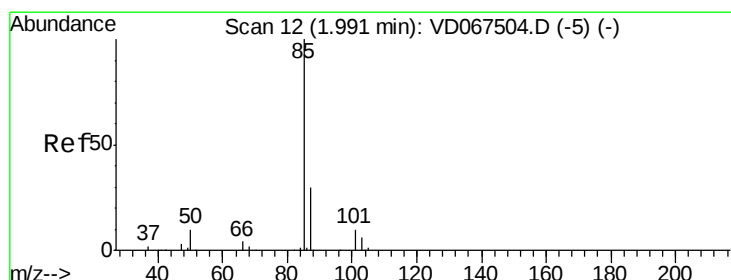
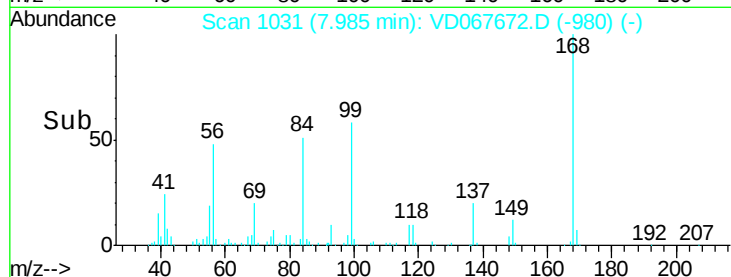
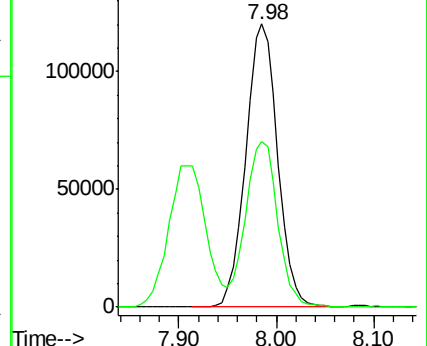
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 46.712 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067672.D

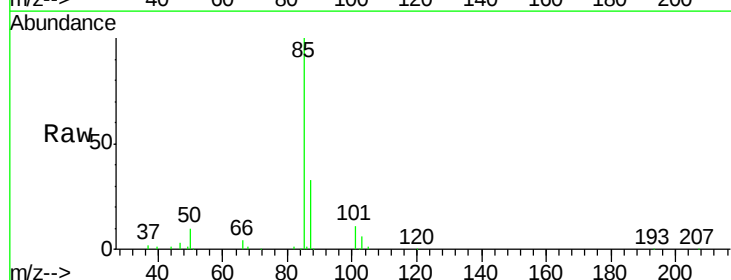
Acq: 17 Nov 2020 19:36

Tgt Ion: 85 Resp: 104527

Ion Ratio Lower Upper

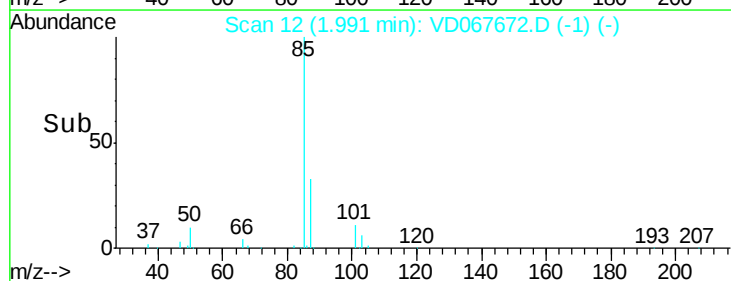
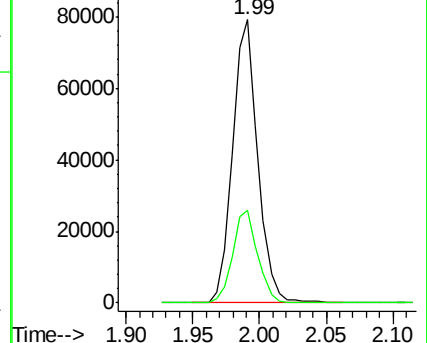
85 100

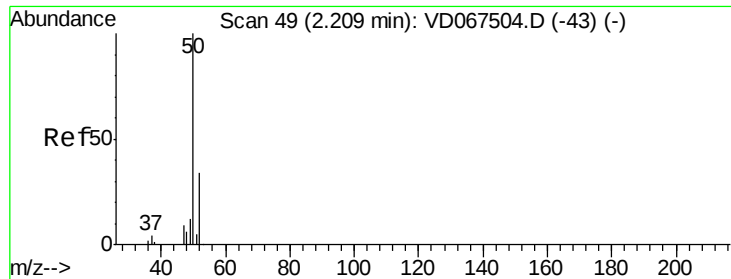
87 32.5 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.741 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 69688

Ion Ratio Lower Upper

50 100

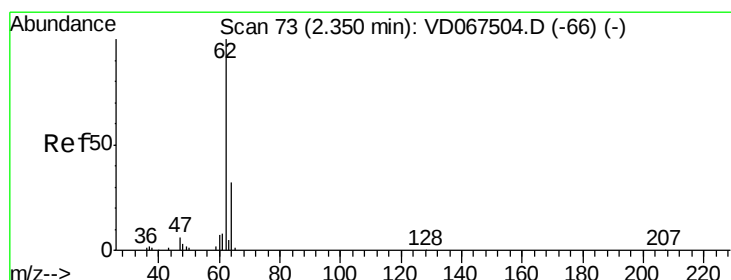
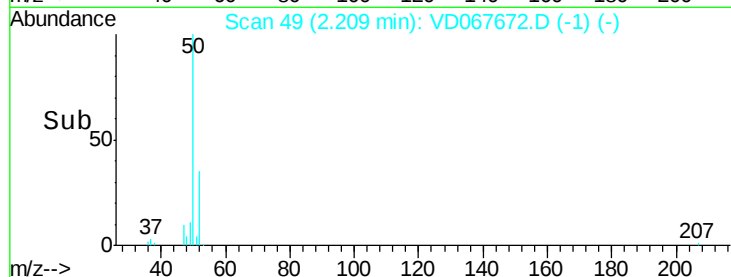
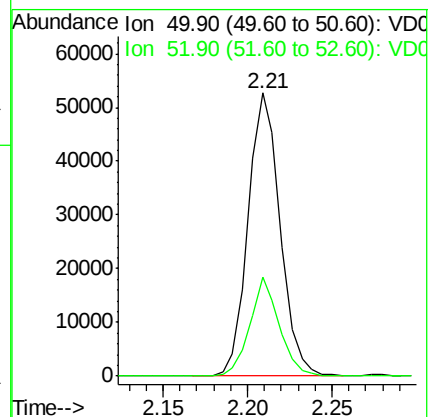
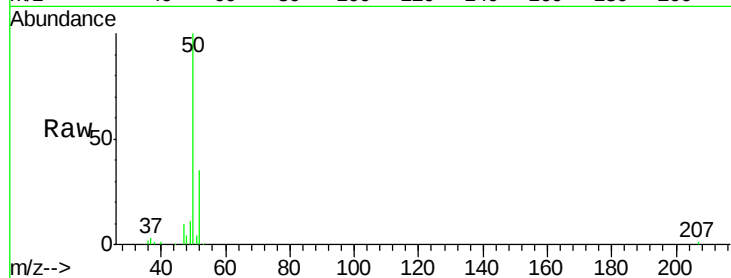
52 35.1 27.3 40.9

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#4

Vinyl Chloride

Concen: 40.528 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067672.D

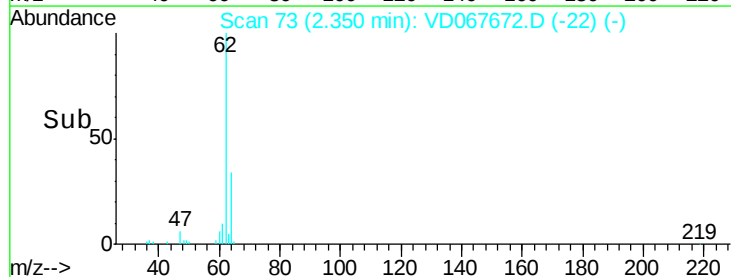
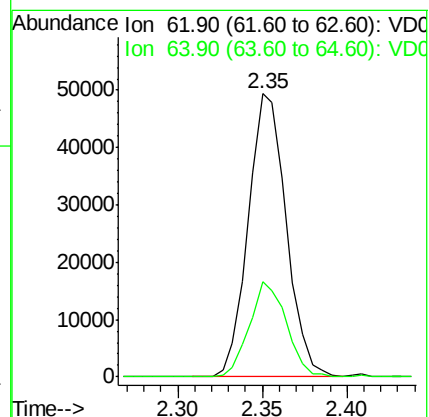
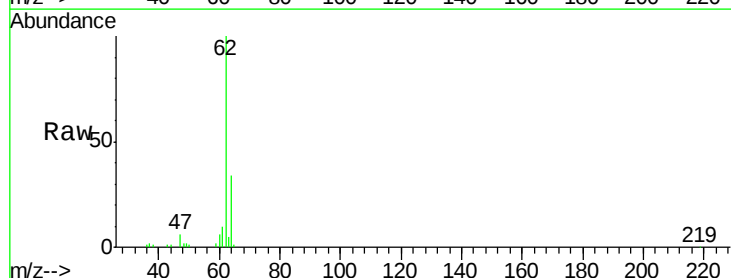
Acq: 17 Nov 2020 19:36

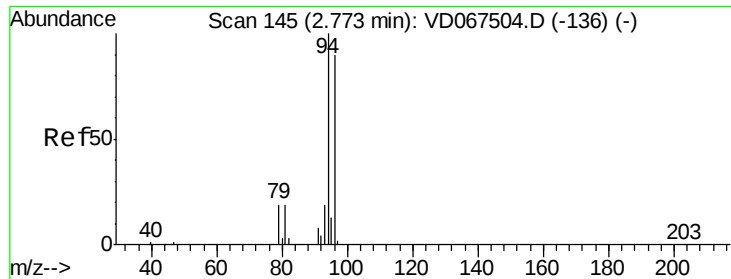
Tgt Ion: 62 Resp: 77289

Ion Ratio Lower Upper

62 100

64 33.8 25.6 38.4





#5

Bromomethane

Concen: 46.243 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 71478

Ion Ratio Lower Upper

94 100

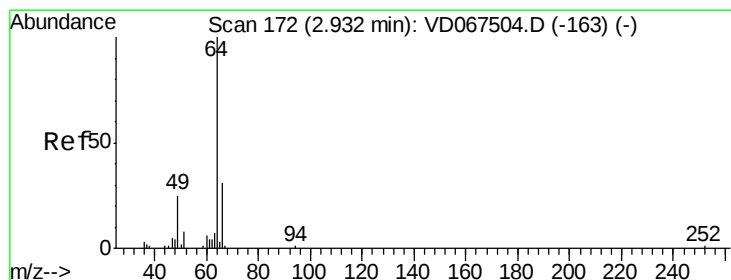
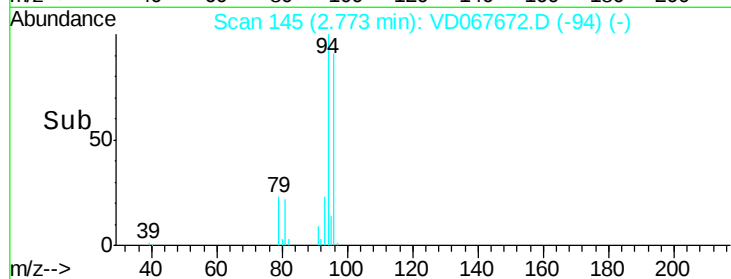
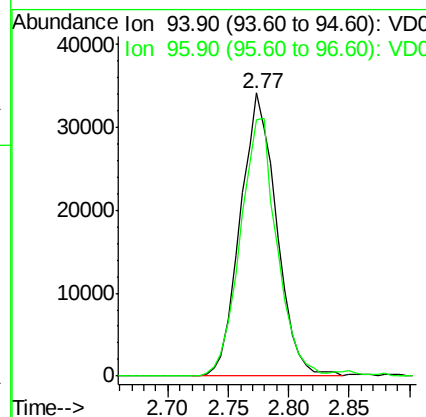
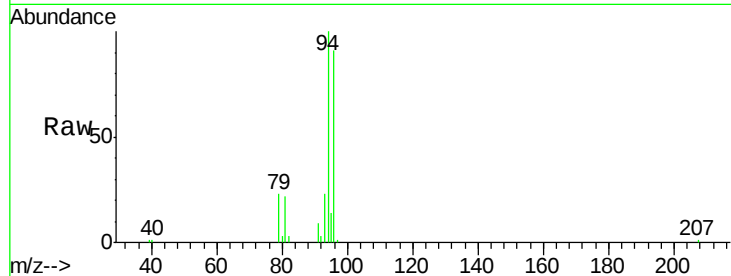
96 90.6 72.2 108.2

Manual Integrations

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#6

Chloroethane

Concen: 42.874 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067672.D

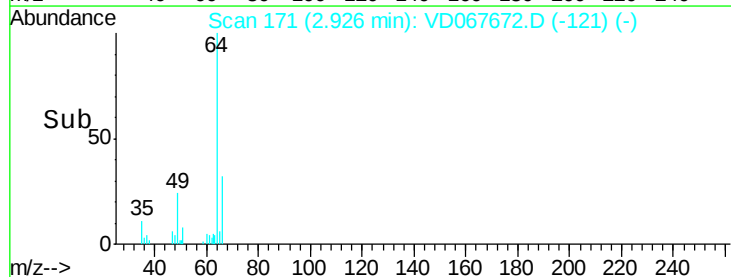
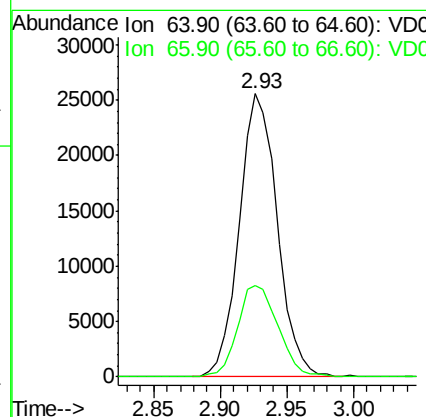
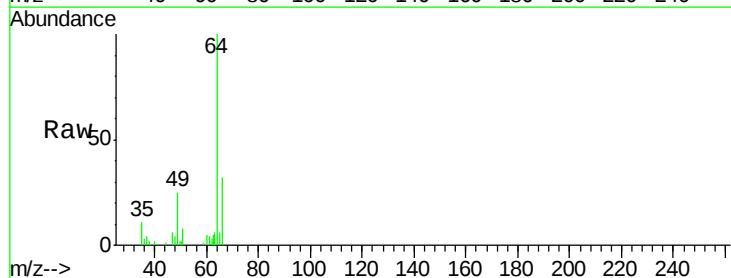
Acq: 17 Nov 2020 19:36

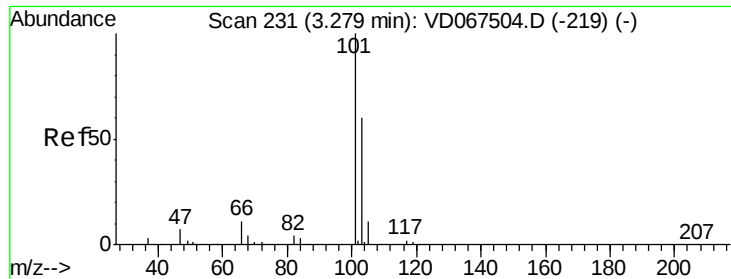
Tgt Ion: 64 Resp: 50408

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8





#7

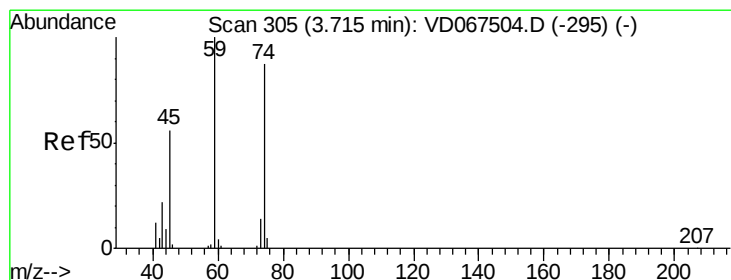
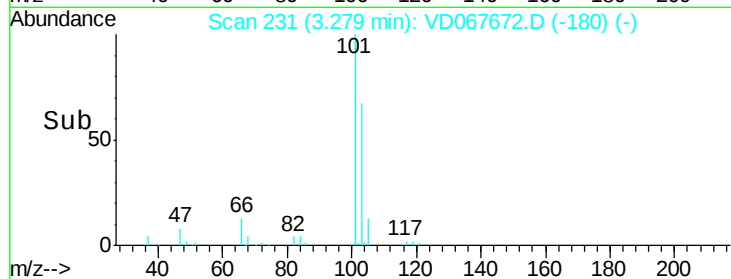
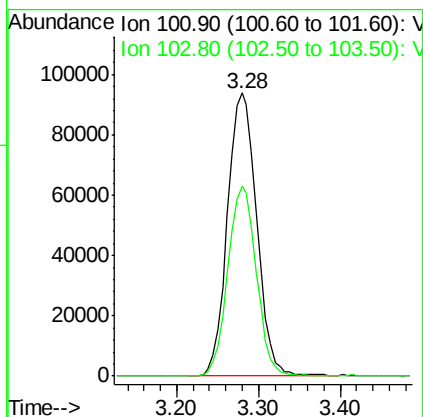
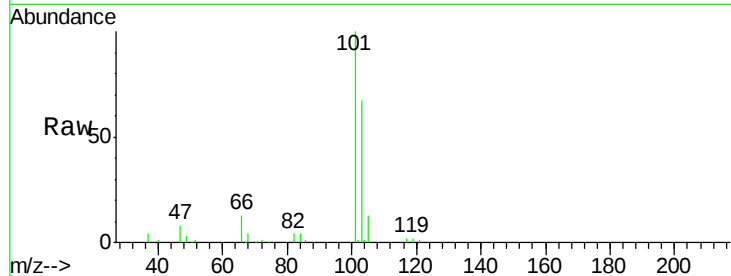
Trichlorofluoromethane
Concen: 47.360 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.00 min
Lab File: VD067672.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		233857		
103	67.3	48.1	72.1		

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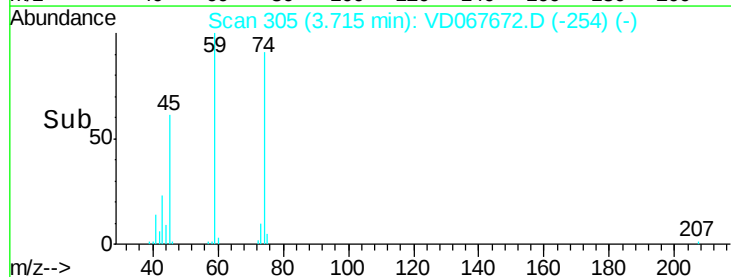
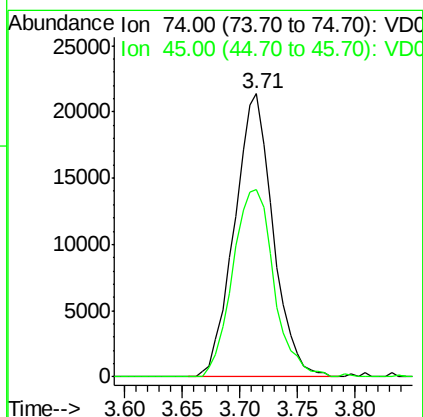
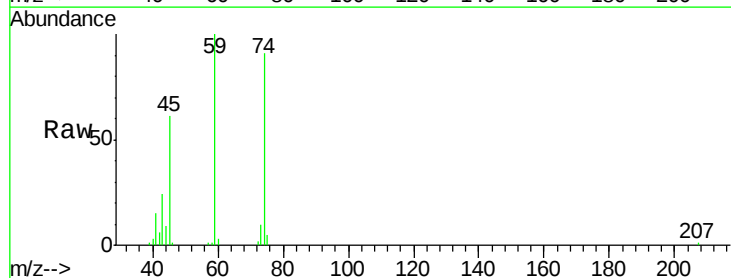
MMDadoda
11/18/2020 10:50:21 AM

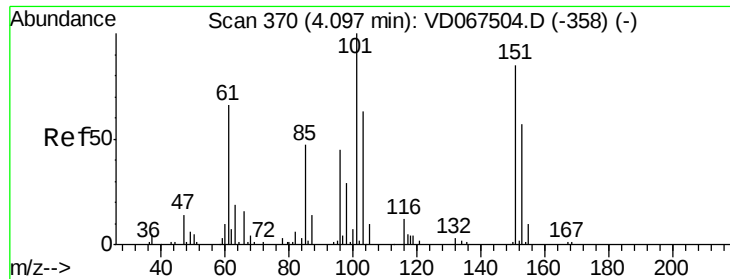


#8

Diethyl Ether
Concen: 49.900 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.00 min
Lab File: VD067672.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		49649		
45	70.7	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.122 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

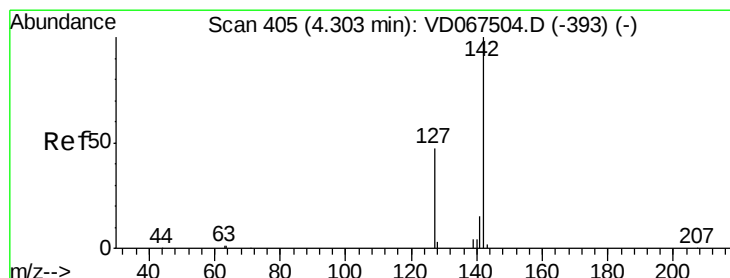
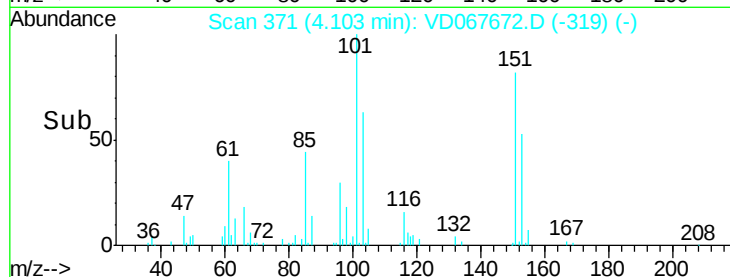
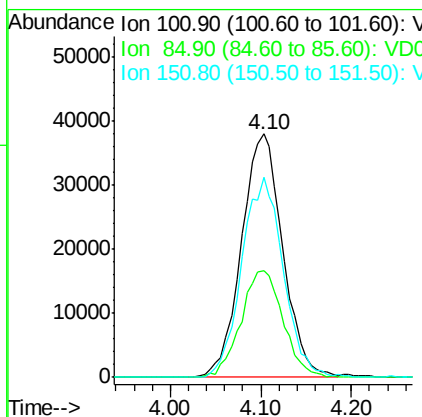
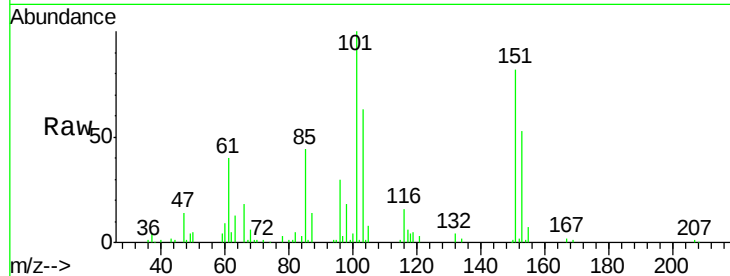
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119944
Ion Ratio	Lower	Upper	
101	100		
85	44.6	34.4	51.6
151	82.7	68.1	102.1

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#10

Methyl Iodide

Concen: 51.905 ug/l

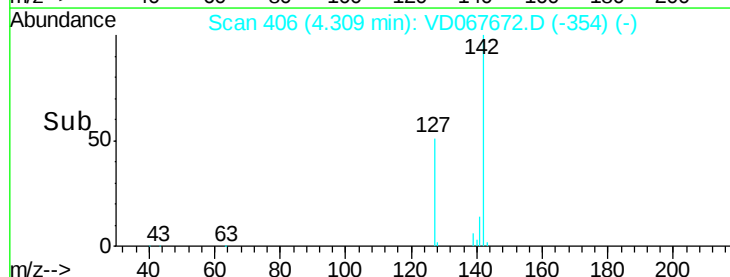
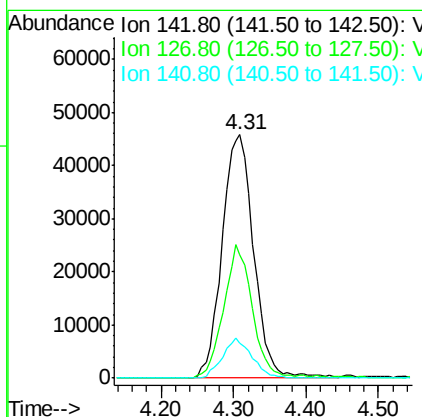
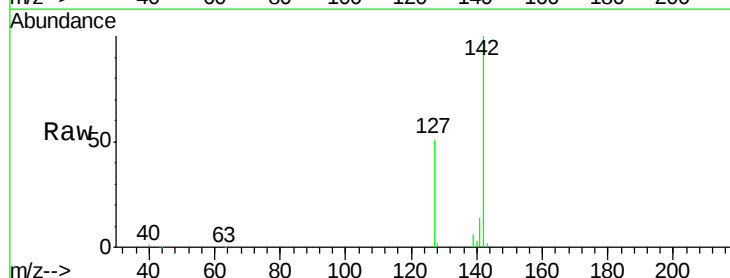
RT: 4.31 min Scan# 406

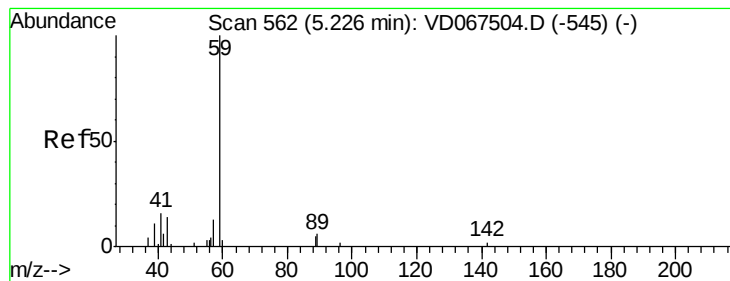
Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	142	Resp:	138659
Ion Ratio	Lower	Upper	
142	100		
127	49.6	40.0	60.0
141	15.1	11.7	17.5





#11

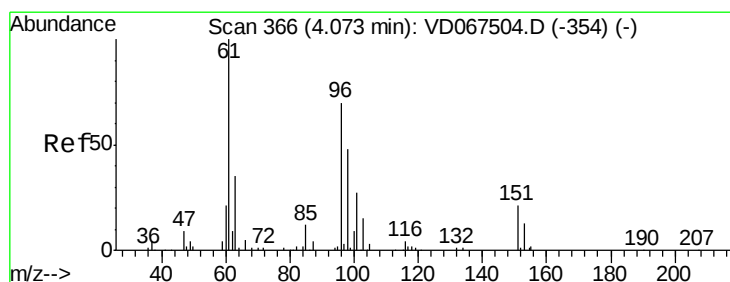
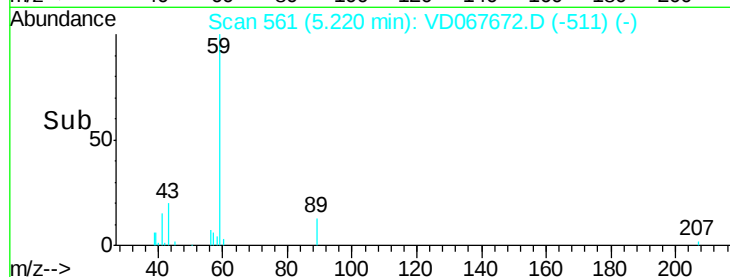
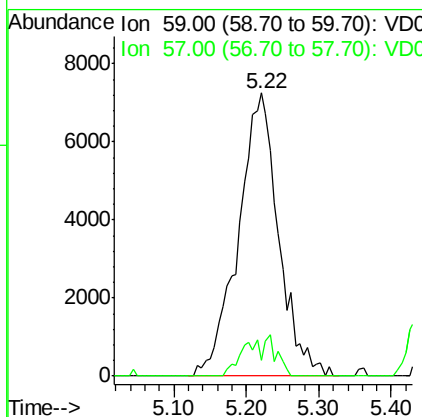
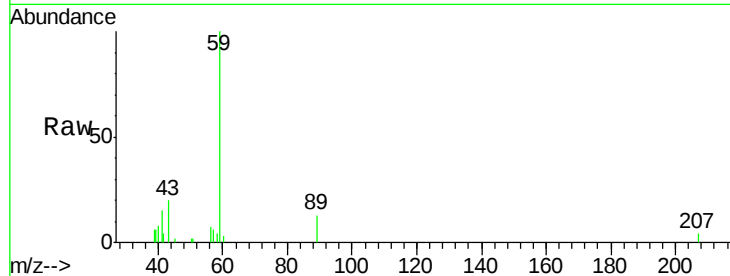
Tert butyl alcohol
 Concen: 271.572 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.3	5.9	8.9

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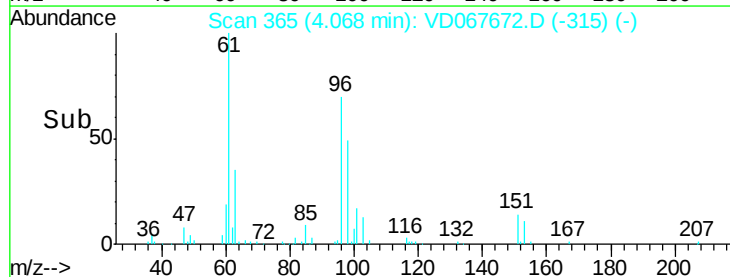
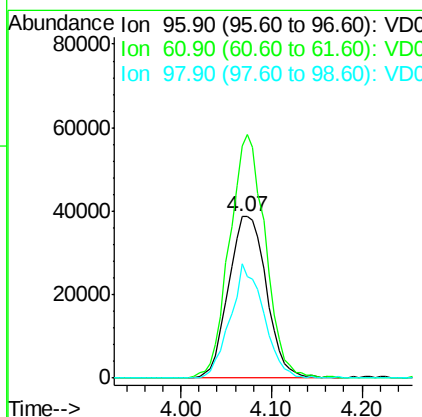
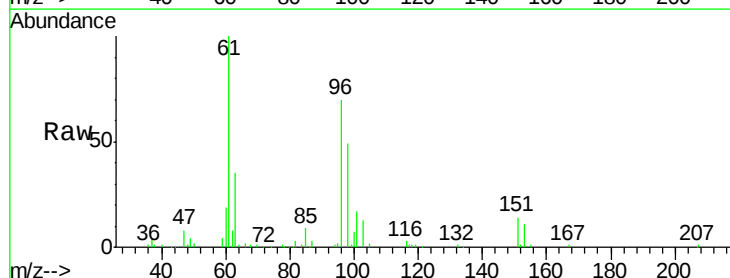
MMDadoda
 11/18/2020 10:50:21 AM

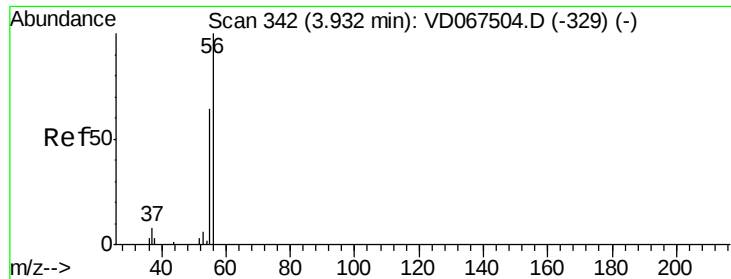


#12

1,1-Dichloroethene
 Concen: 49.216 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	114.5	171.7
98	70.6	54.5	81.7





#13

Acrolein

Concen: 226.313 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 23803

Ion Ratio Lower Upper

56 100

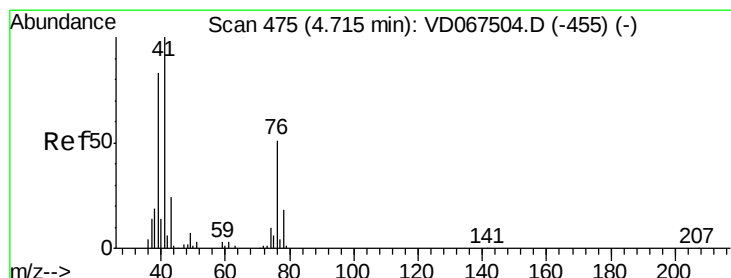
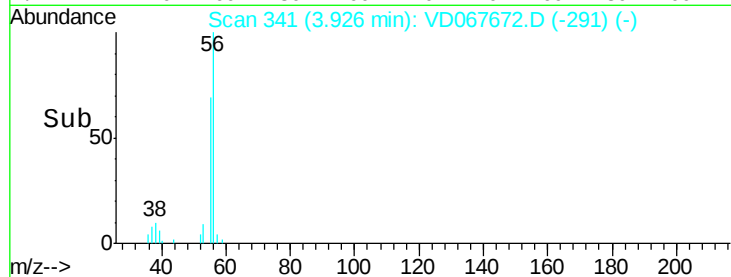
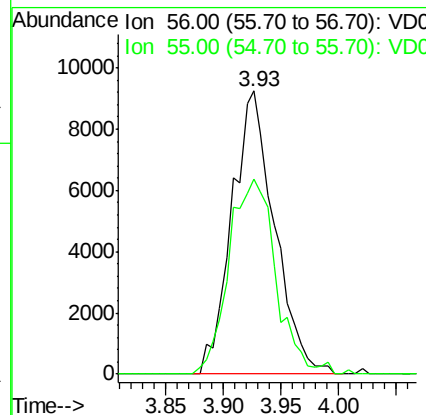
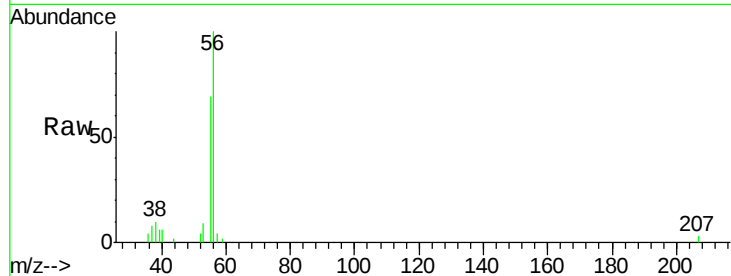
55 74.6 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.031 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

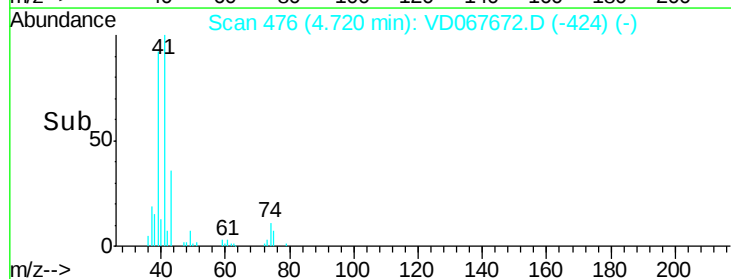
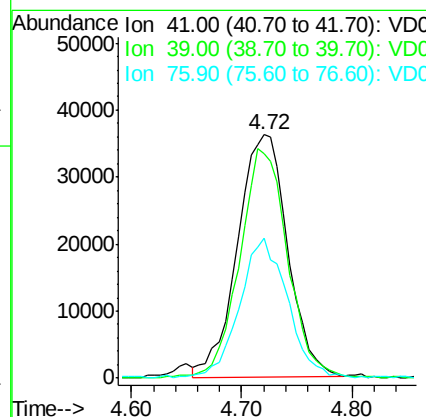
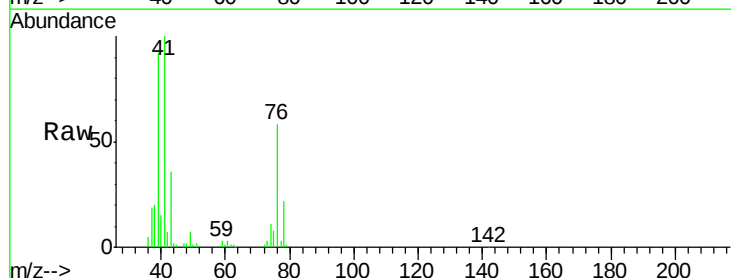
Tgt Ion: 41 Resp: 115399

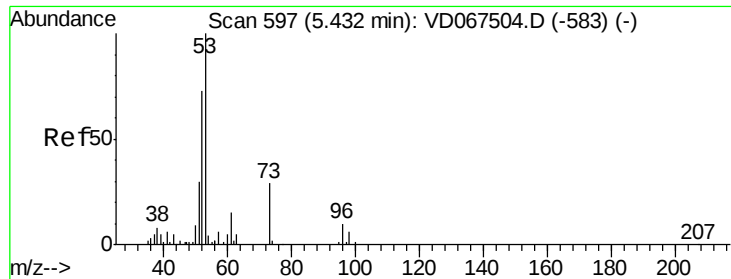
Ion Ratio Lower Upper

41 100

39 90.7 67.4 101.0

76 55.0 42.2 63.2





#15

Acrylonitrile

Concen: 247.060 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

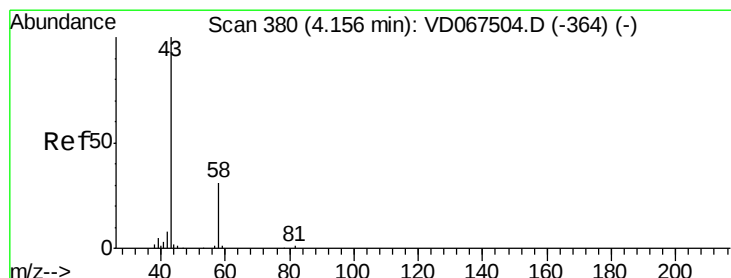
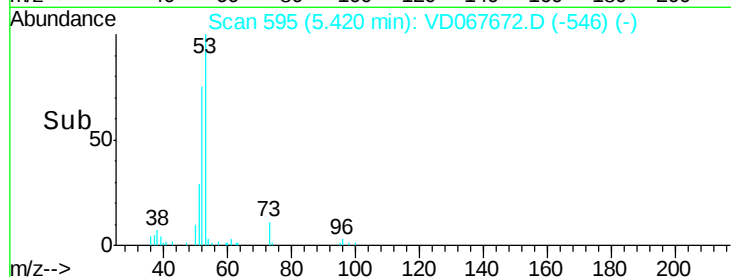
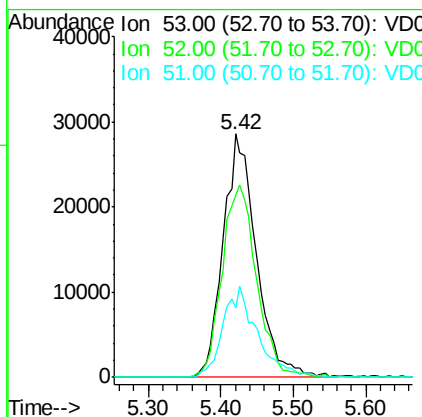
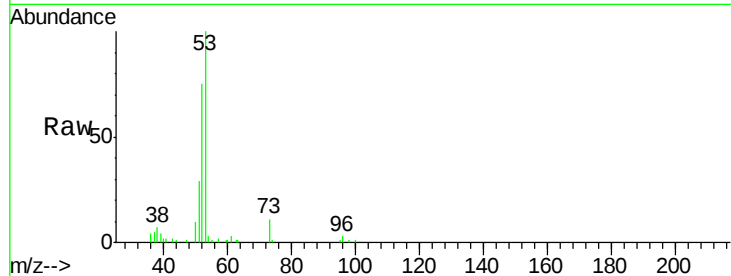
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	90867
Ion Ratio	Lower	Upper	
53	100		
52	81.7	64.8	97.2
51	38.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 217.120 ug/l

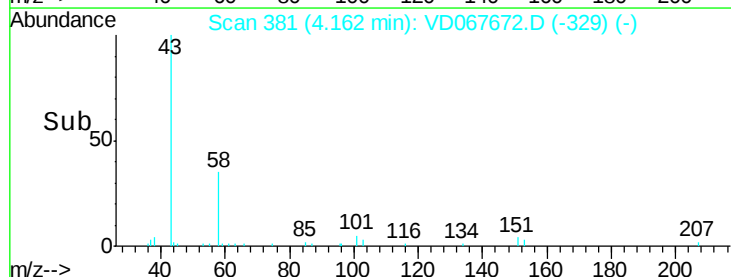
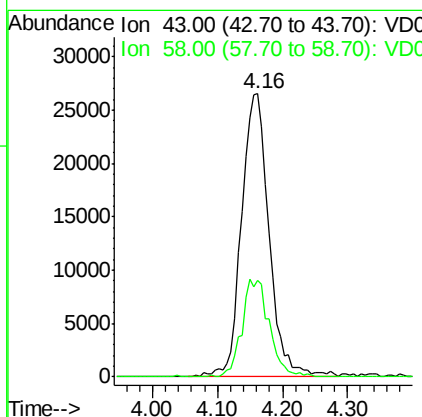
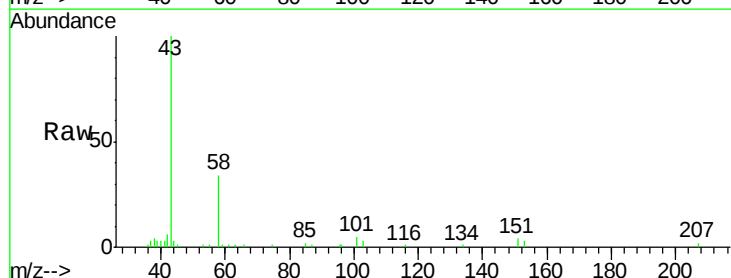
RT: 4.16 min Scan# 381

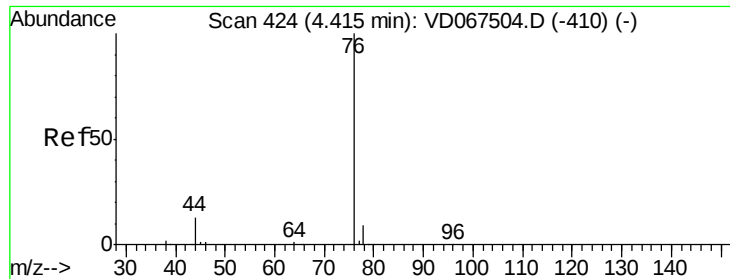
Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	43	Resp:	78036
Ion Ratio	Lower	Upper	
43	100		
58	34.1	25.2	37.8





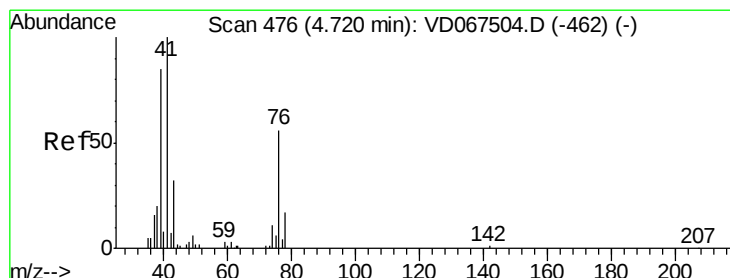
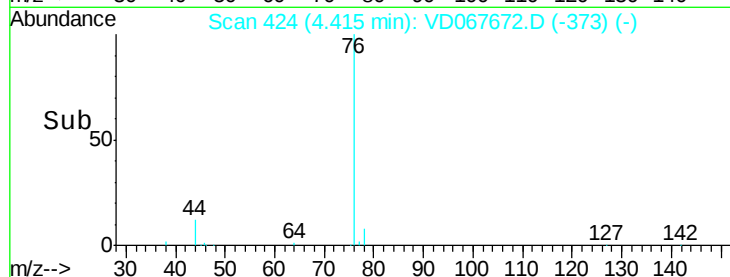
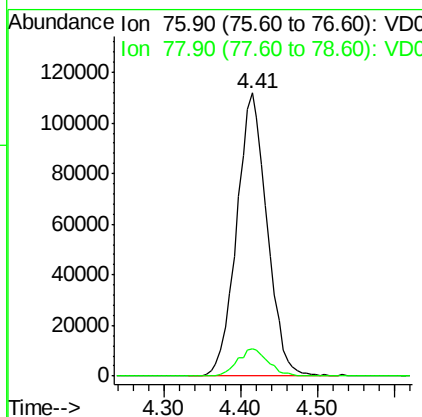
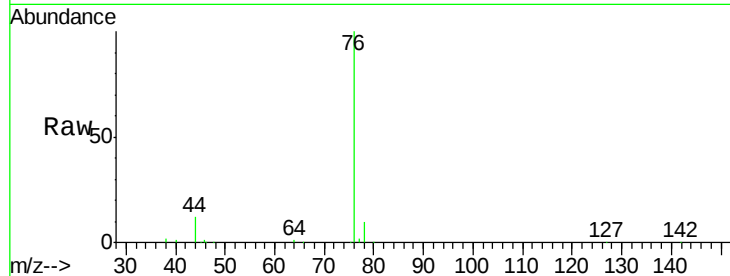
#17
Carbon Disulfide
Concen: 44.001 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 309120
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

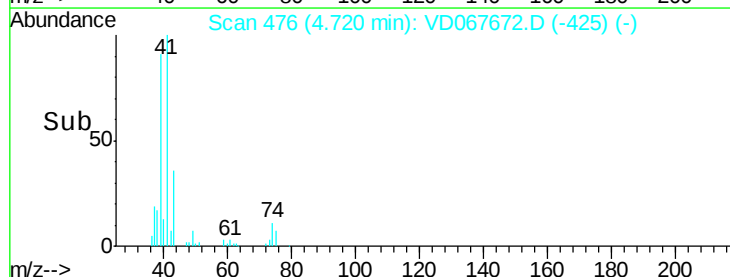
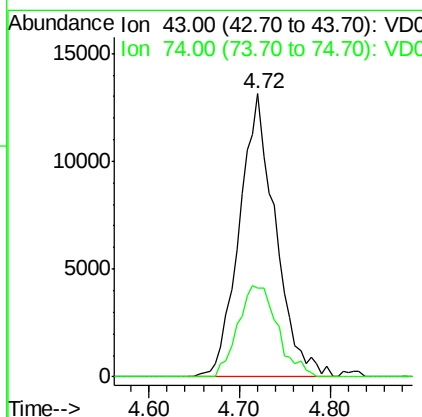
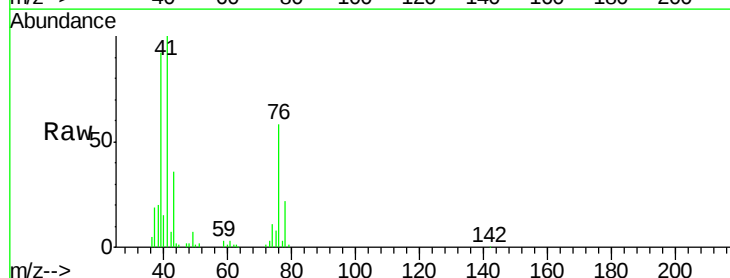
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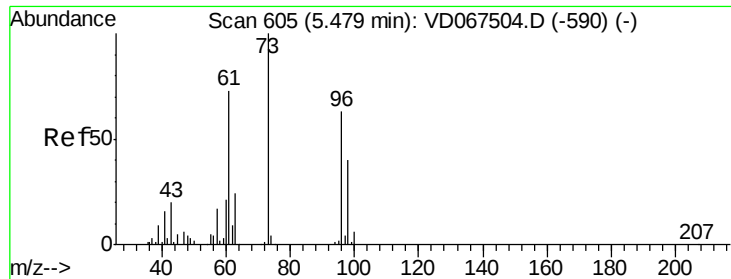
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#18
Methyl Acetate
Concen: 49.001 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 43 Resp: 36394
Ion Ratio Lower Upper
43 100
74 35.3 27.2 40.8





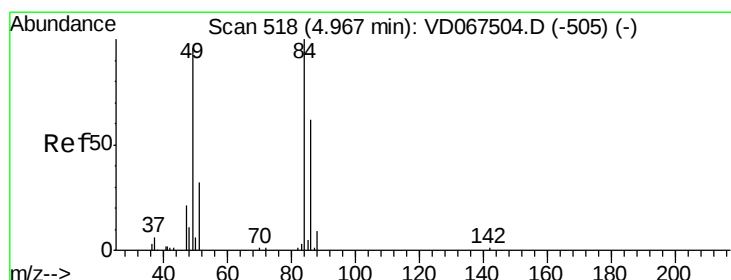
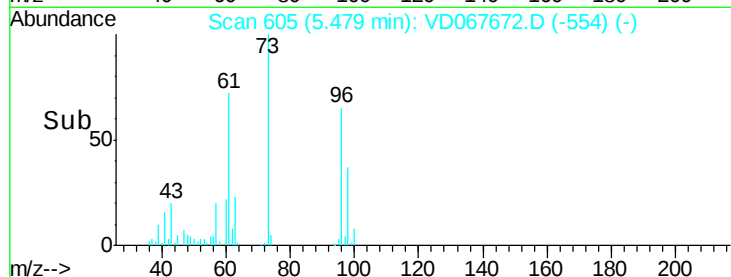
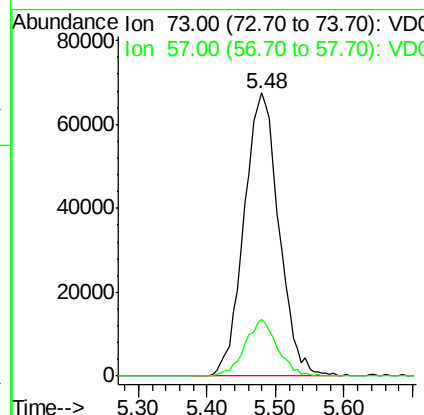
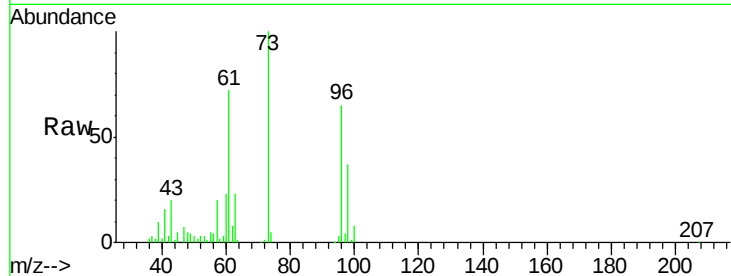
#19
Methyl tert-butyl Ether
Concen: 52.843 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 238968
Ion Ratio Lower Upper
73 100
57 20.0 13.4 20.0

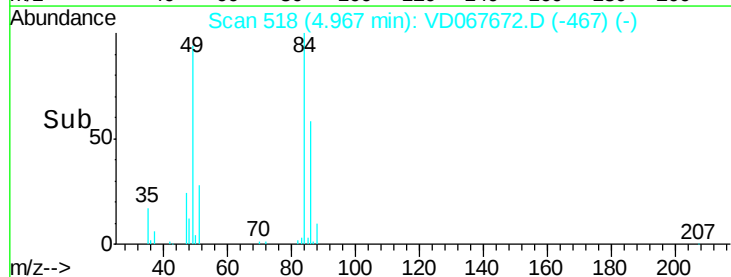
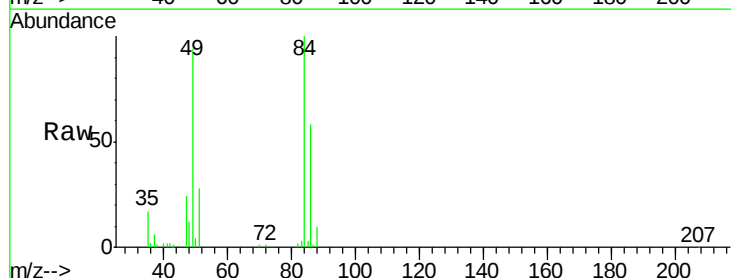
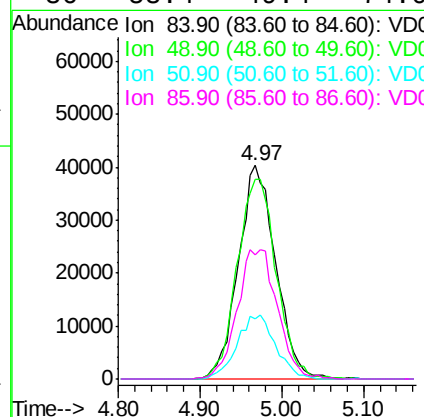
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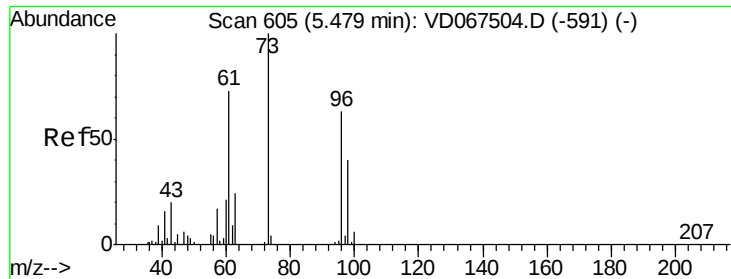
MMDadoda
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#20
Methylene Chloride
Concen: 50.453 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 84 Resp: 128093
Ion Ratio Lower Upper
84 100
49 93.5 77.0 115.4
51 28.0 25.4 38.2
86 58.4 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.885 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

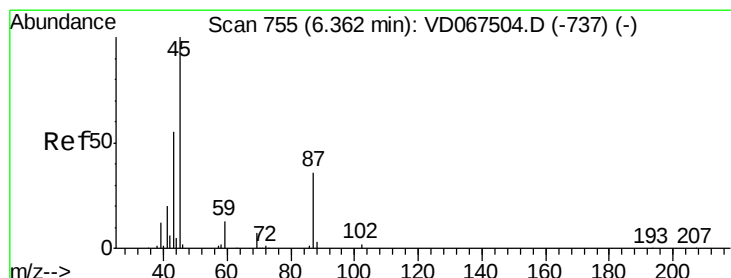
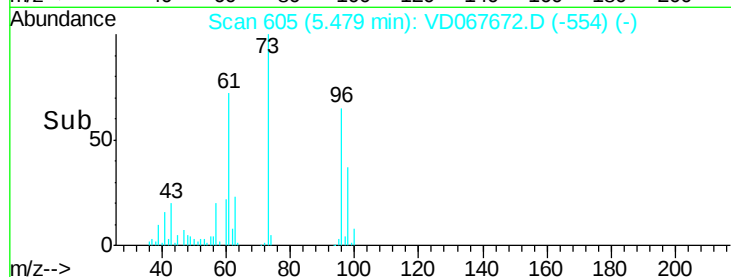
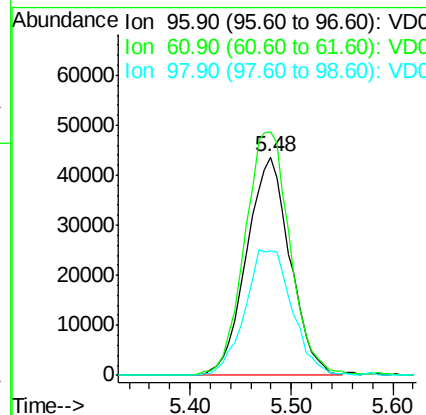
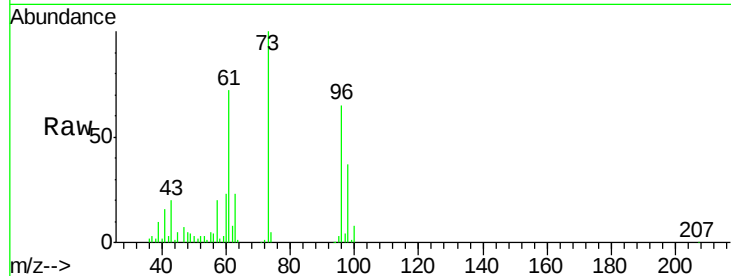
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	130539
Ion	Ratio	Lower	Upper
96	100		
61	111.4	93.0	139.6
98	57.0	50.9	76.3

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#22

Diisopropyl ether

Concen: 51.510 ug/l

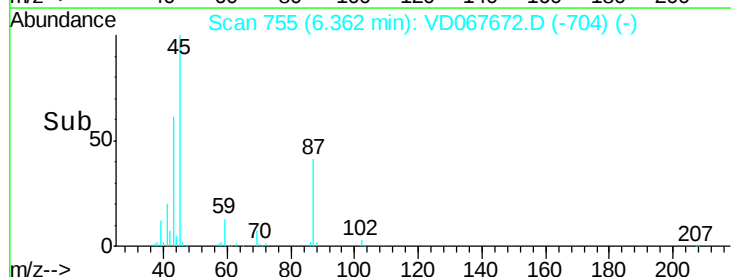
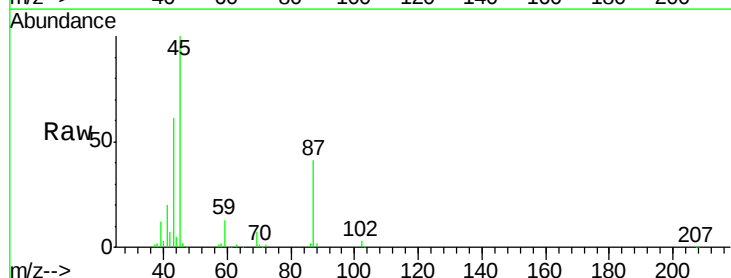
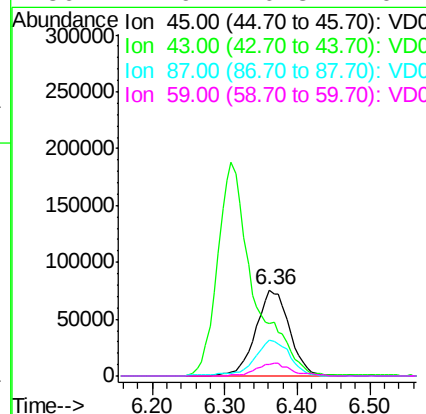
RT: 6.36 min Scan# 755

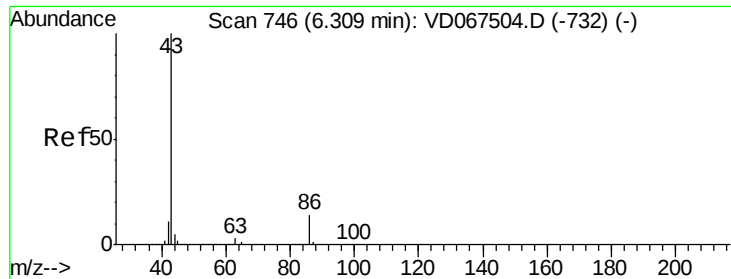
Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	45	Resp:	246297
Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.2	69.4
87	40.3	29.4	44.2
59	12.9	10.8	16.2





#23

Vinyl Acetate

Concen: 258.926 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 648071

Ion Ratio Lower Upper

43 100

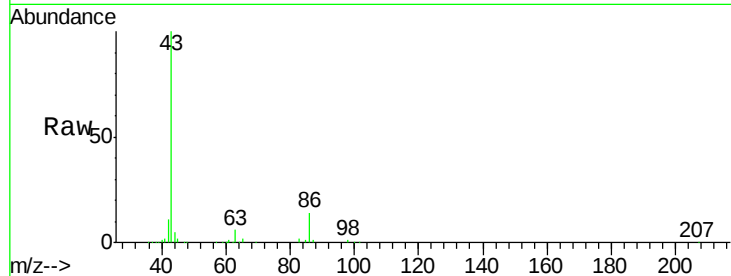
86 14.0 11.6 17.4

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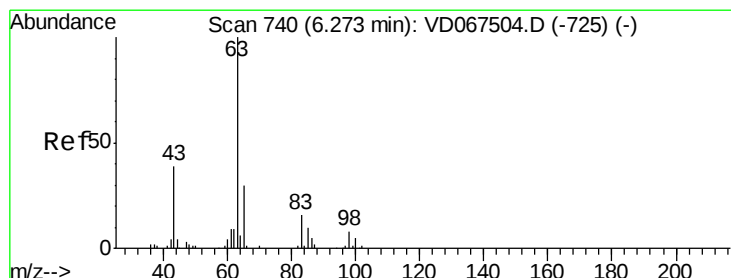
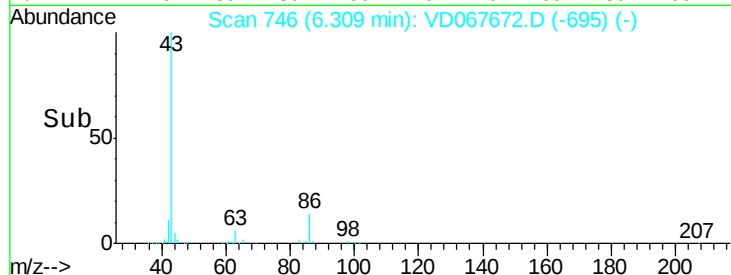
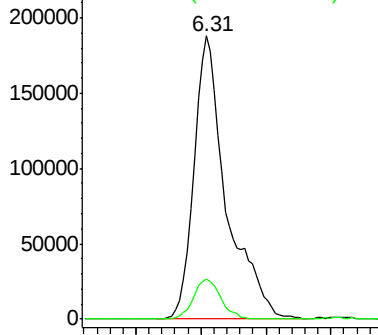
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.416 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

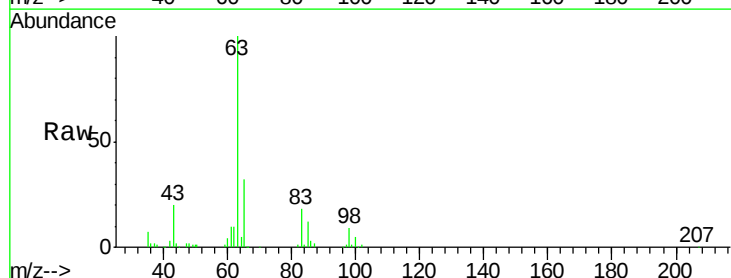
Tgt Ion: 63 Resp: 197217

Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.5

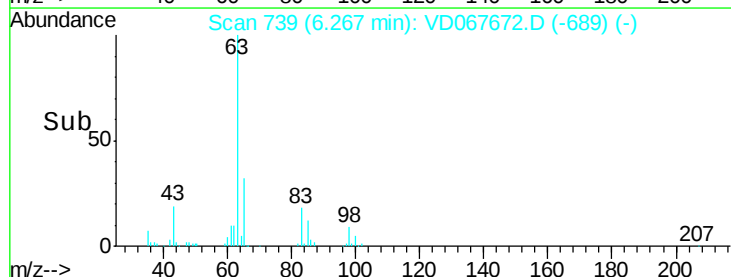
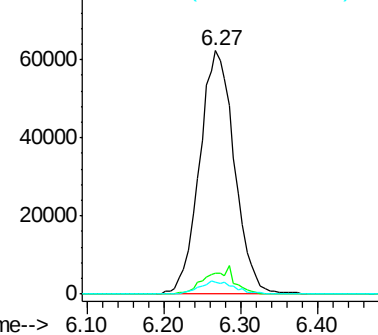
100 4.7 2.6 7.8

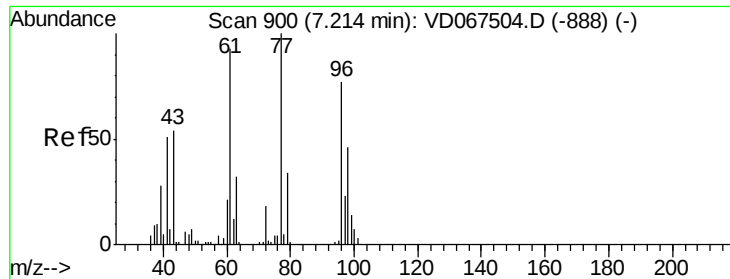


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 246.748 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 94762

Ion Ratio Lower Upper

43 100

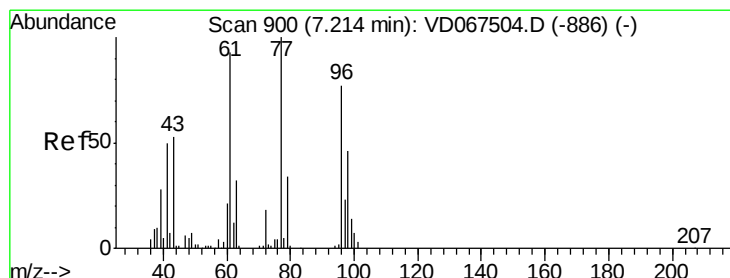
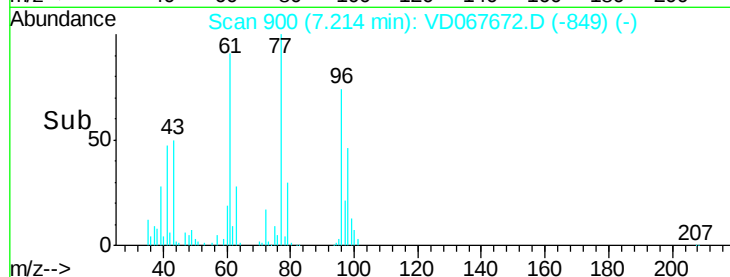
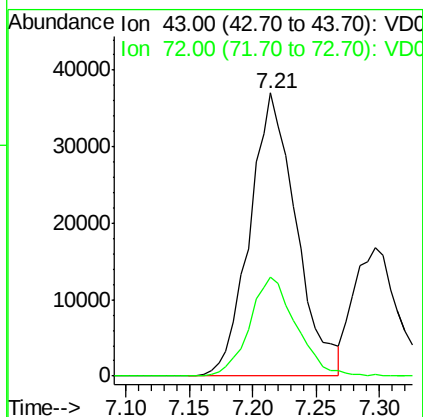
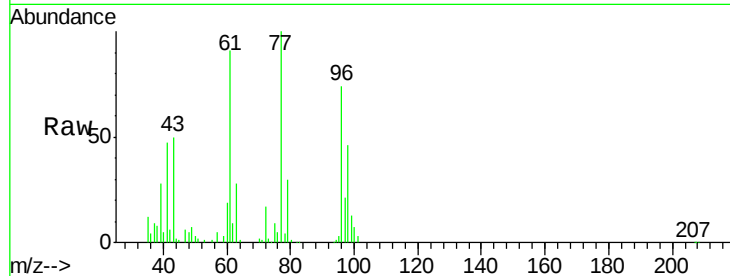
72 34.9 26.4 39.6

Manual Integrations

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11/18/2020 10:50:21 AM



#26

2,2-Dichloropropane

Concen: 50.884 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067672.D

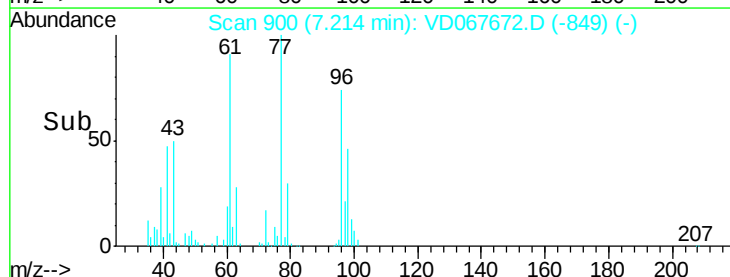
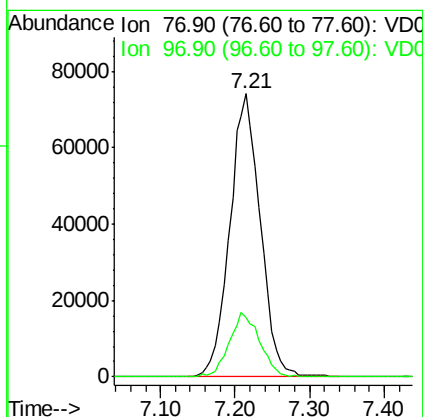
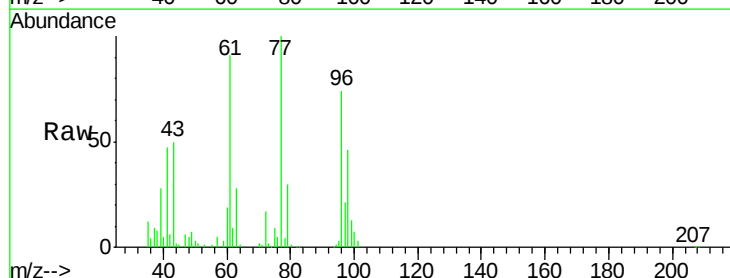
Acq: 17 Nov 2020 19:36

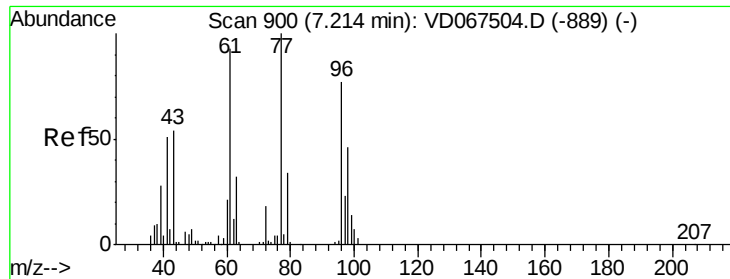
Tgt Ion: 77 Resp: 210074

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

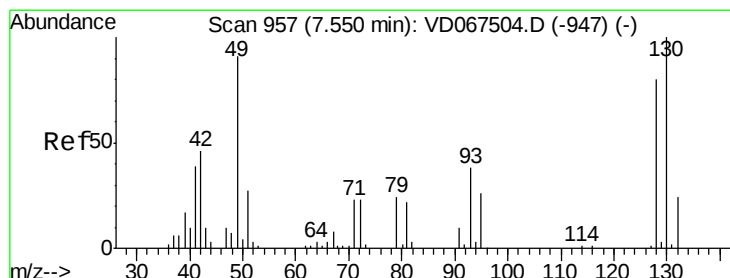
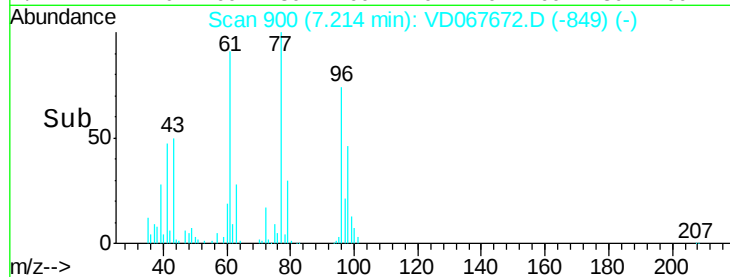
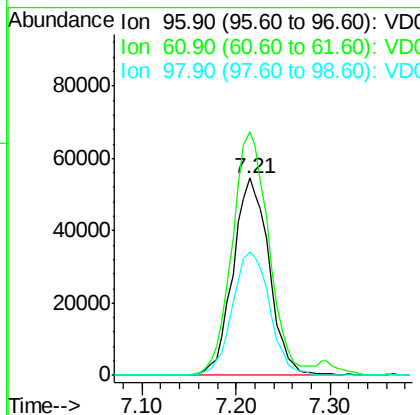
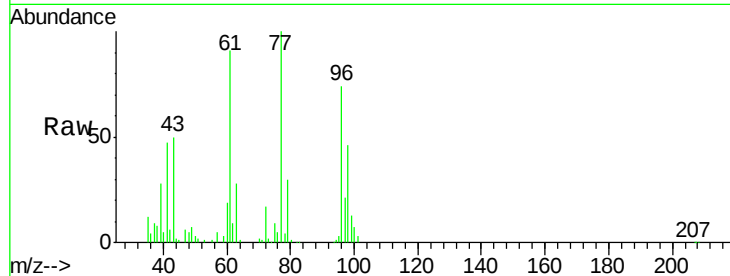
cis-1,2-Dichloroethene
Concen: 52.111 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144435		
61	126.4	0.0	251.6	
98	65.0	0.0	128.0	

Manual Integrations
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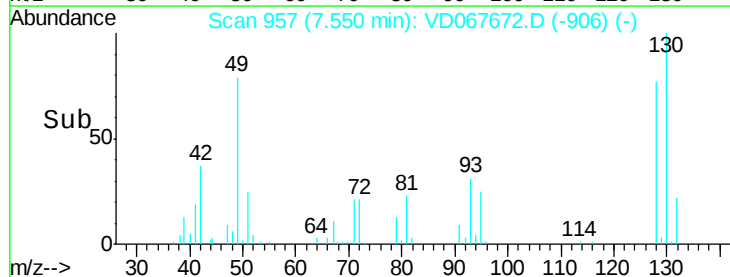
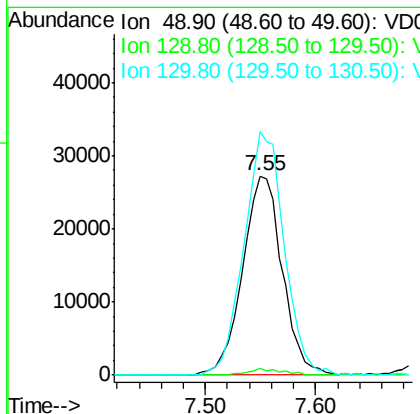
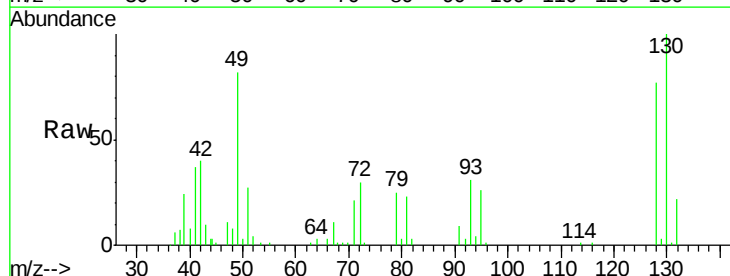
MMDadoda
11/18/2020 10:50:21 AM

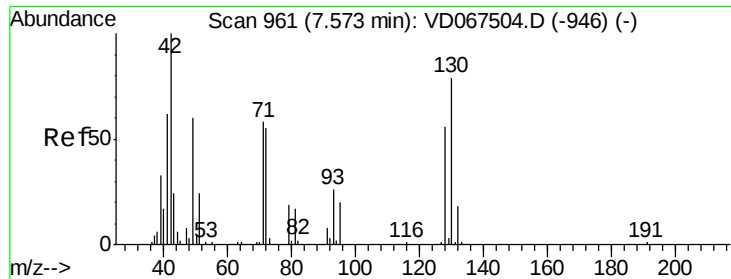


#28

Bromochloromethane
Concen: 49.287 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	68579		
129	2.8	0.0	6.4	
130	124.3	94.6	142.0	





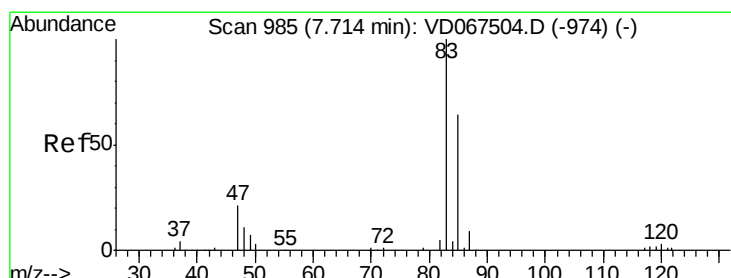
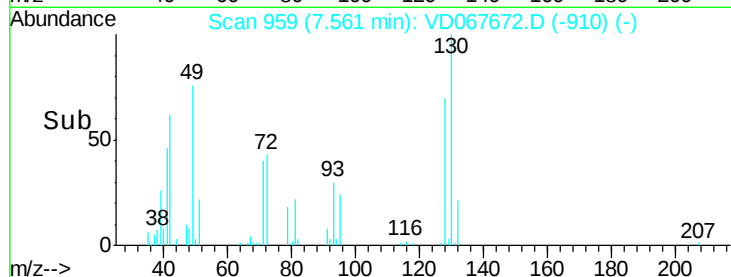
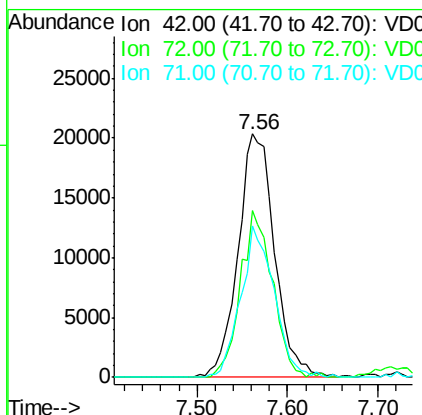
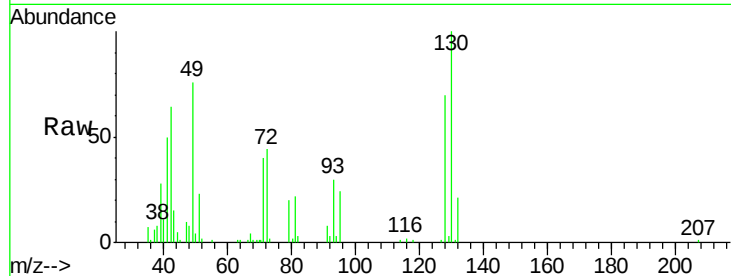
#29
Tetrahydrofuran
Concen: 247.135 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	56852
Ion	Ratio	Lower	Upper
42	100		
72	60.0	46.3	69.5
71	57.0	44.0	66.0

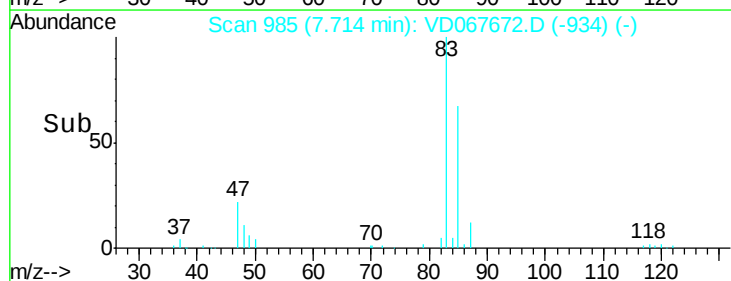
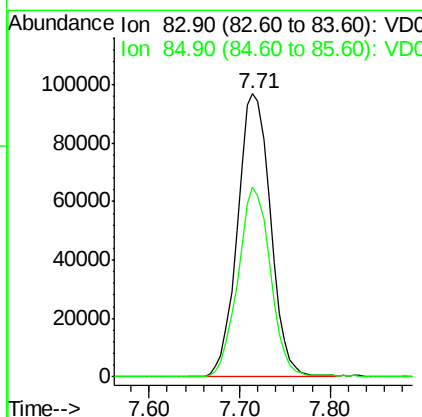
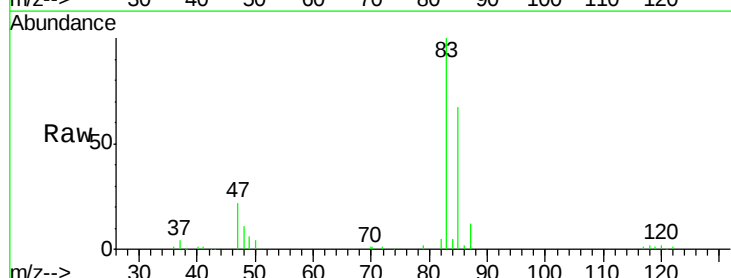
Manual Integrations
APPROVED

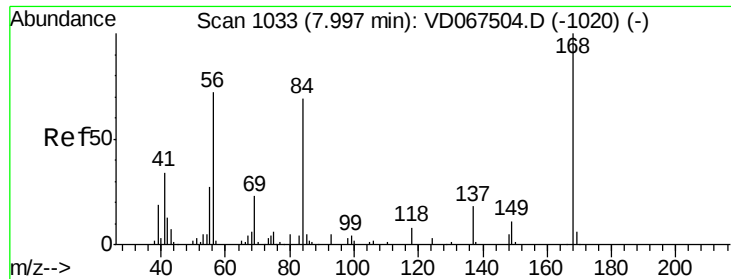
MMDadoda
11/18/2020 10:50:21 AM



#30
Chloroform
Concen: 52.535 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:	83	Resp:	245165
Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.5	77.3





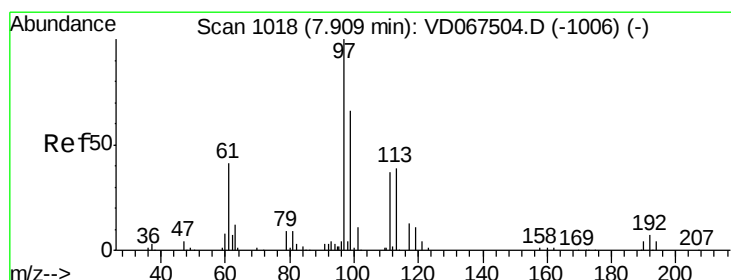
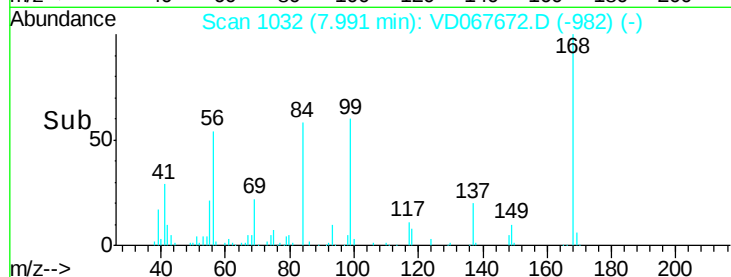
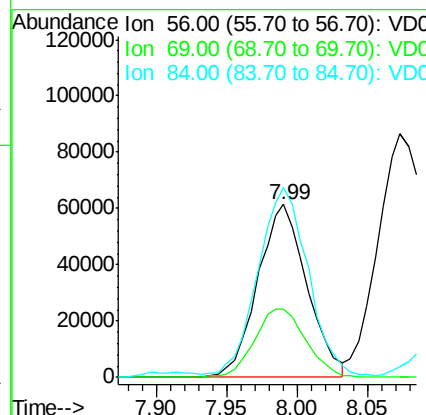
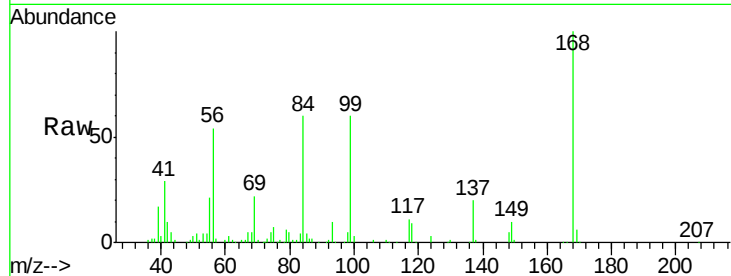
#31
Cyclohexane
Concen: 42.995 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.8	25.9	38.9#
84	107.2	76.2	114.4

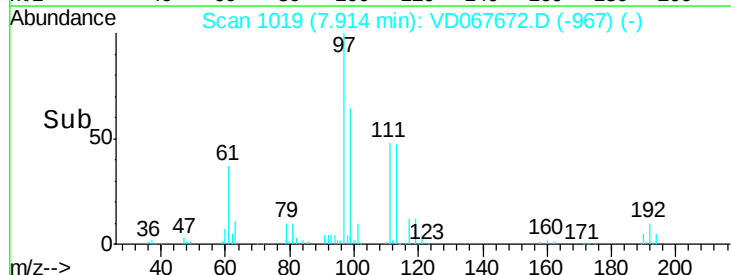
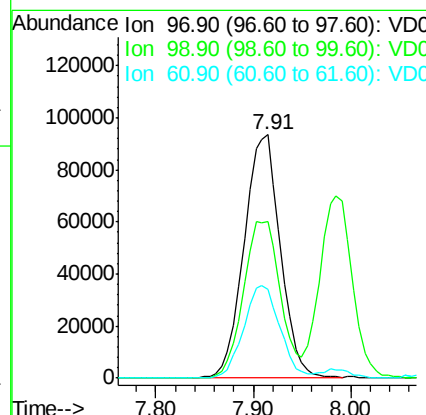
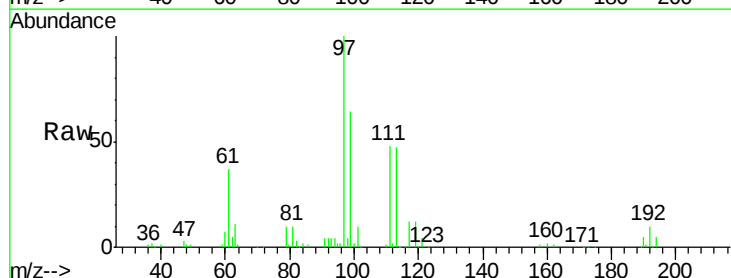
Manual Integrations
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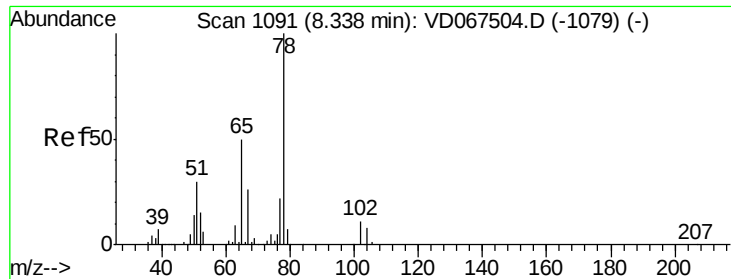
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11/18/2020 10:50:21 AM



#32
1,1,1-Trichloroethane
Concen: 50.591 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.8	77.6
61	37.8	30.5	45.7





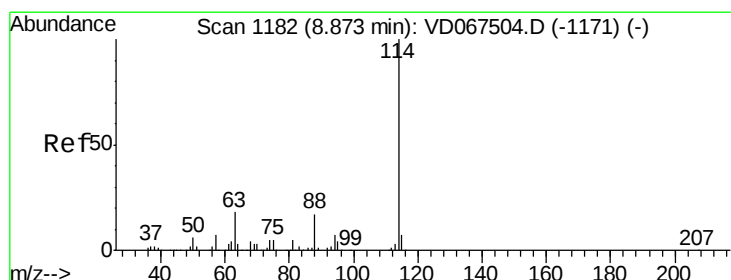
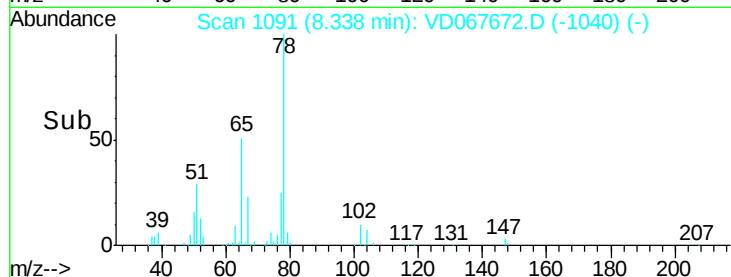
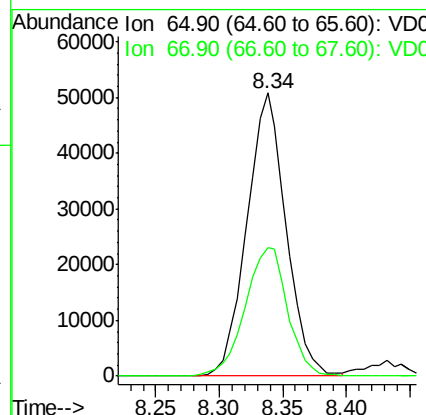
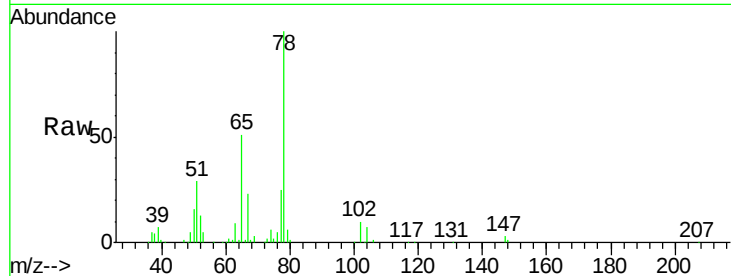
#33
 1,2-Dichloroethane-d4
 Concen: 45.252 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.3	0.0	99.4	

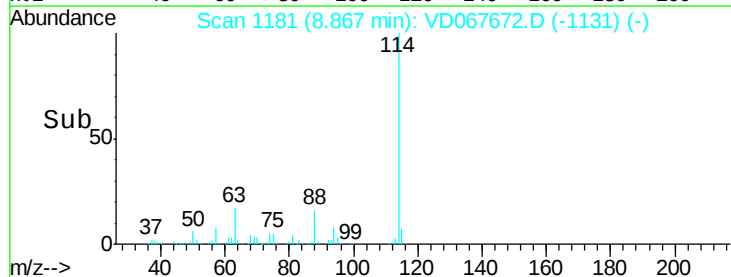
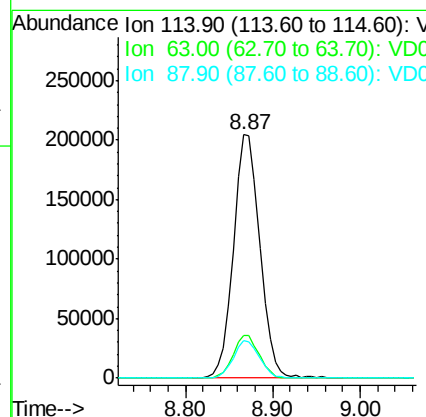
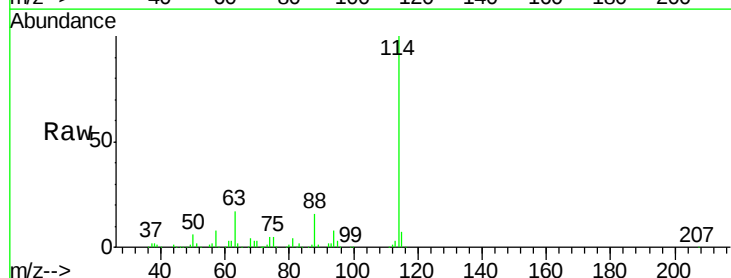
Manual Integrations
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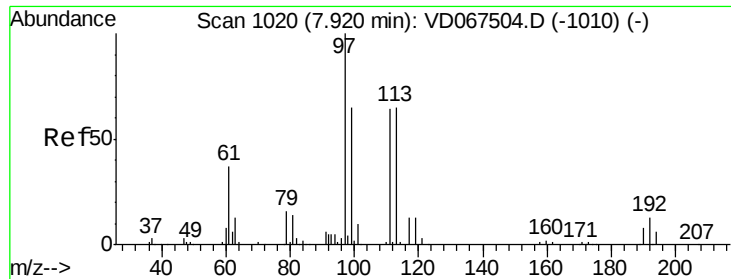
MMDadoda
 11/18/2020 10:50:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.5	0.0	35.0	
88	15.6	0.0	33.0	





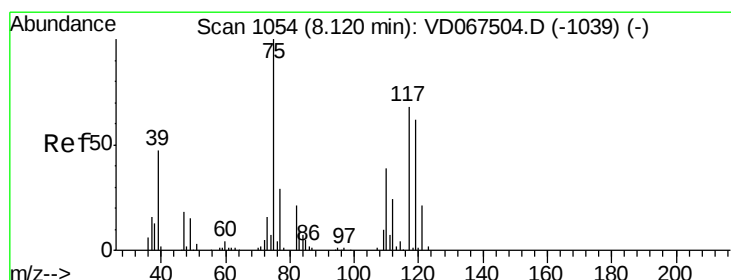
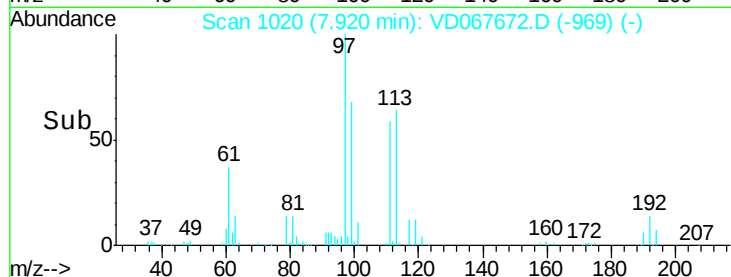
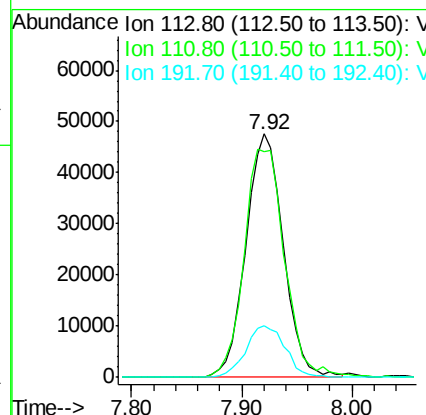
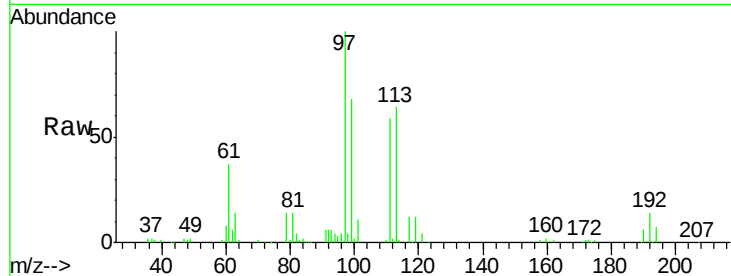
#35
Dibromofluoromethane
Concen: 44.804 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113293		
111	101.6	80.0	120.0	
192	22.4	16.3	24.5	

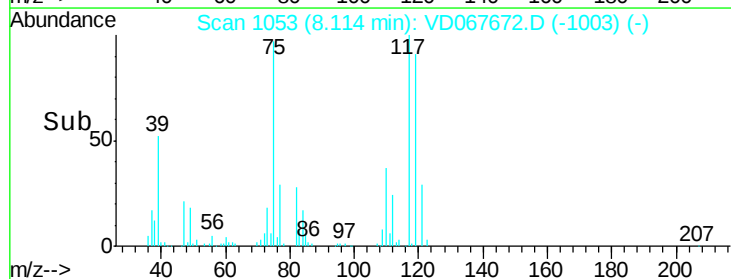
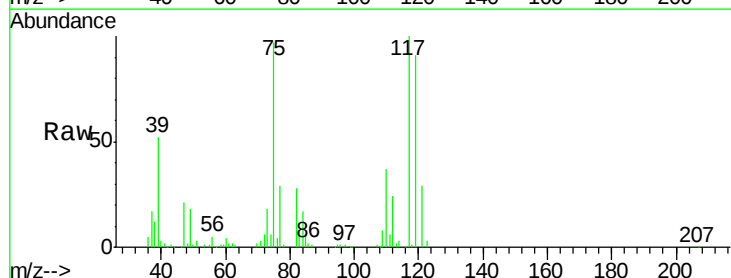
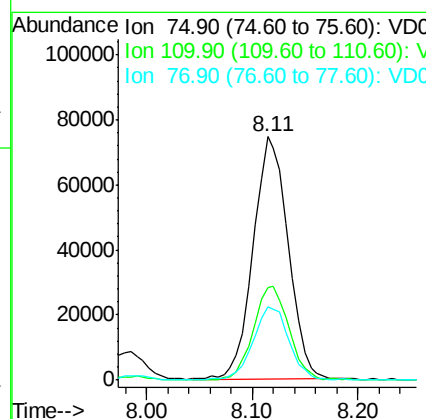
Manual Integrations
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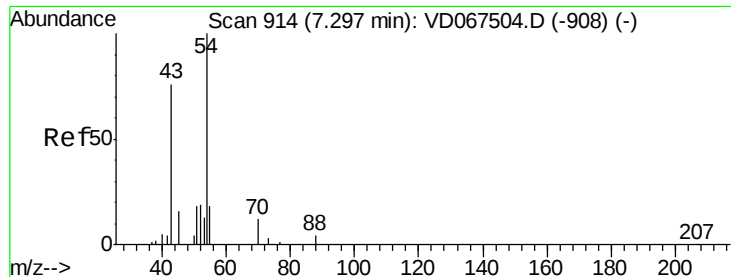
MMDadoda
11/18/2020 10:50:21 AM



#36
1,1-Dichloropropene
Concen: 47.864 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	171952		
110	39.3	19.9	59.7	
77	31.1	24.8	37.2	





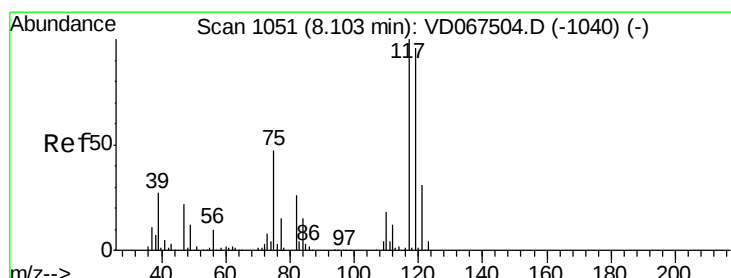
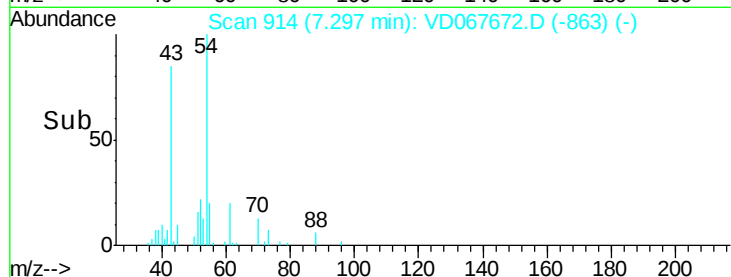
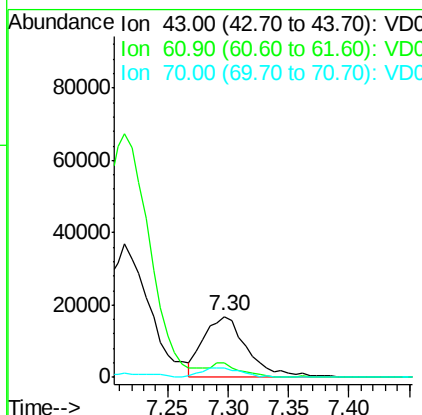
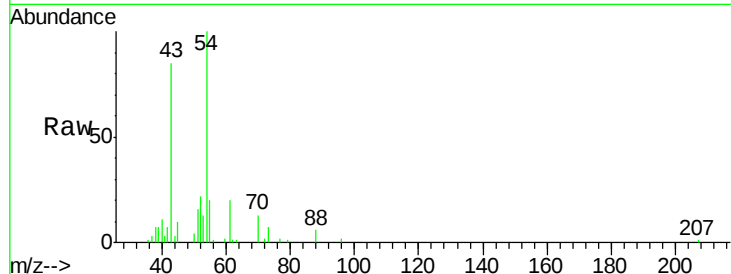
#37
Ethyl Acetate
Concen: 45.366 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	12.8	19.2
70	14.7	11.7	17.5

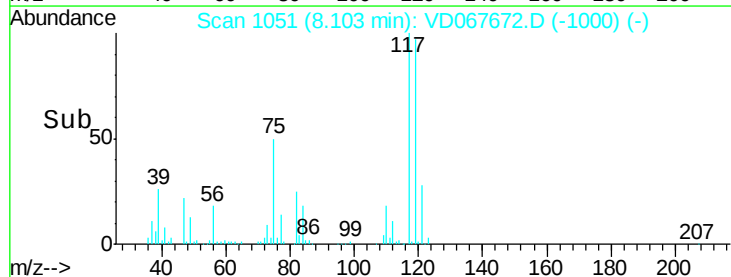
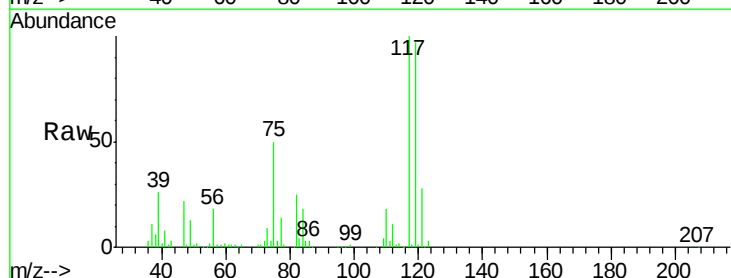
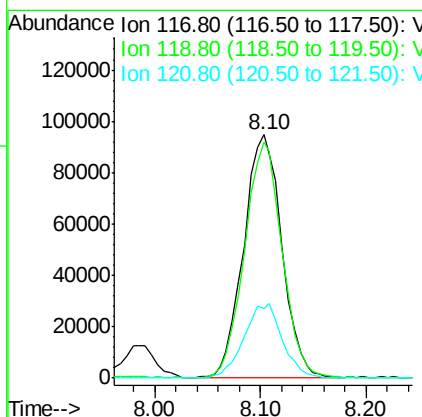
Manual Integrations
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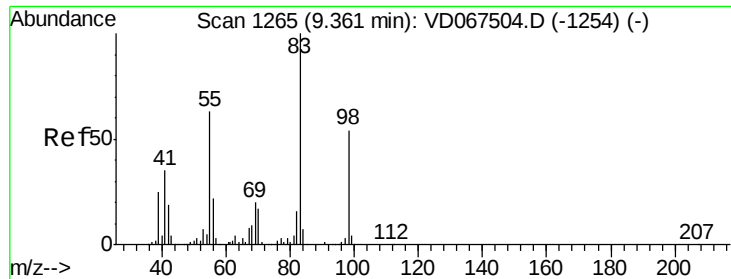
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#38
Carbon Tetrachloride
Concen: 51.203 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.9	115.3
121	28.3	24.5	36.7





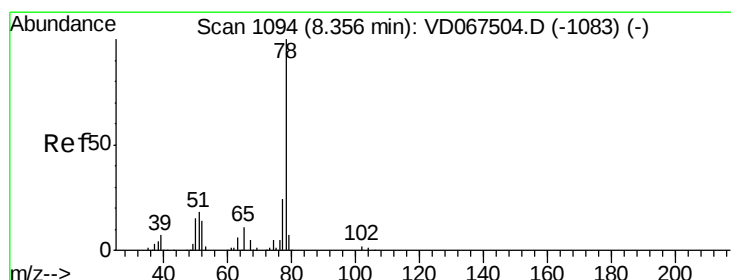
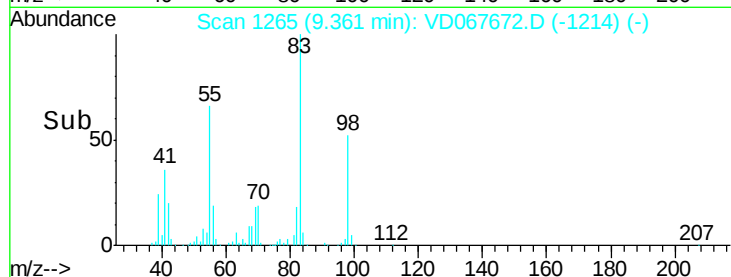
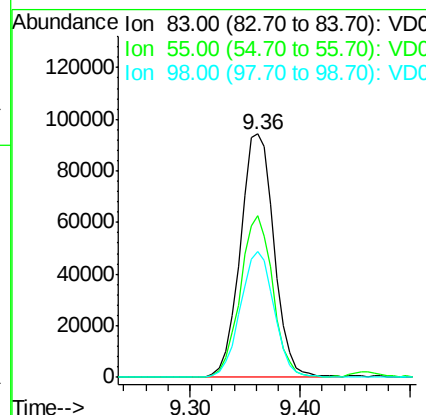
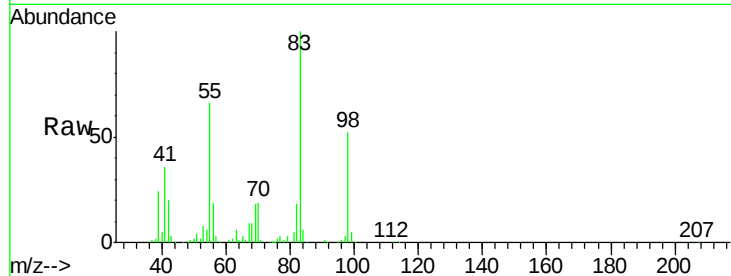
#39
Methvlcvclohexane
Concen: 47.932 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	202670
Ion Ratio	Lower	Upper	
83	100		
55	66.5	50.5	75.7
98	51.7	43.4	65.0

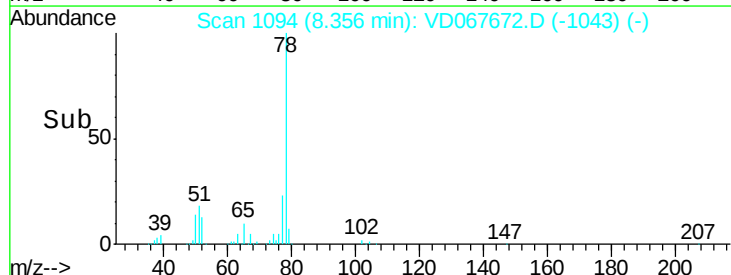
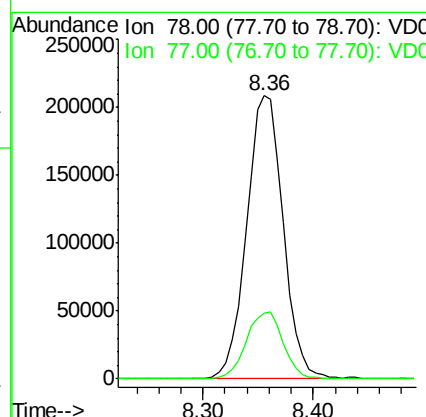
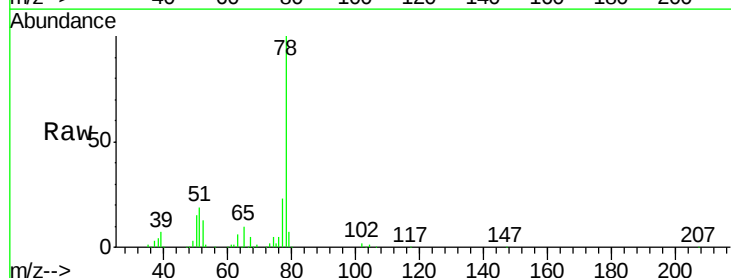
Manual Integrations
APPROVED

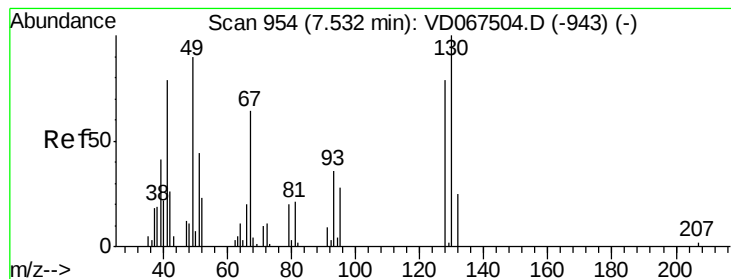
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11/18/2020 10:50:21 AM



#40
Benzene
Concen: 49.706 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	78	Resp	483705
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.1	28.7





#41

Methacrylonitrile

Concen: 44.801 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 24977

Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

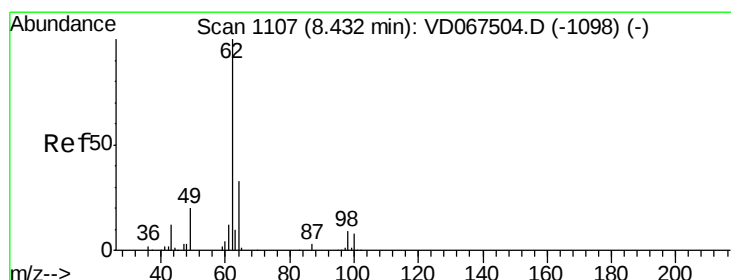
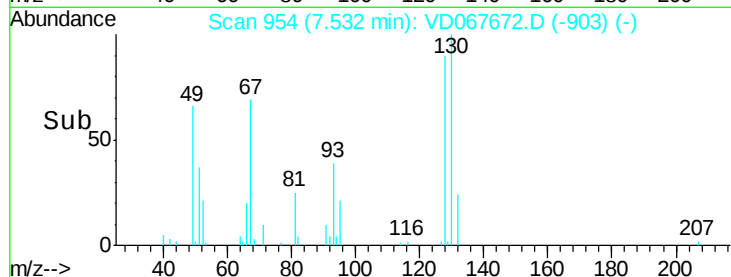
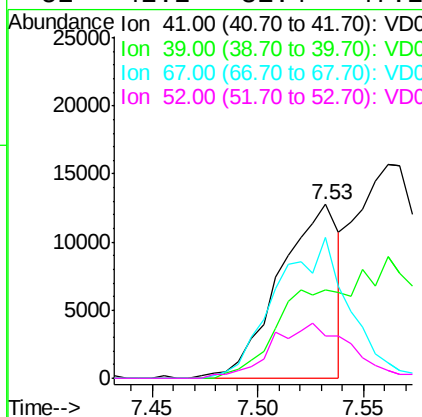
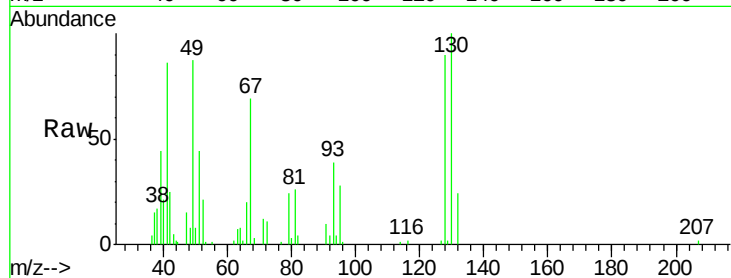
67 99.3 78.9 118.3

52 42.2 31.4 47.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.658 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VD067672.D

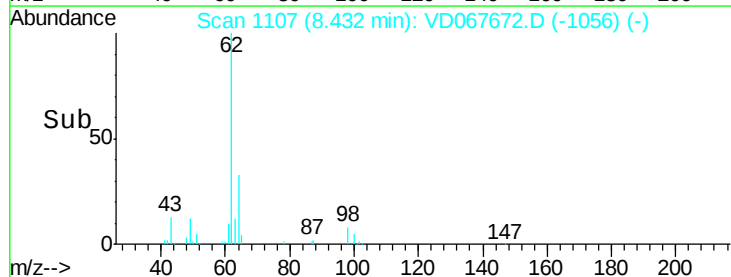
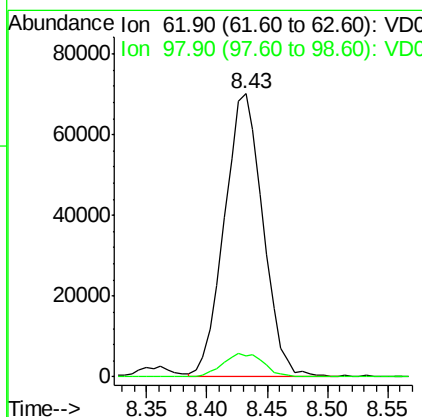
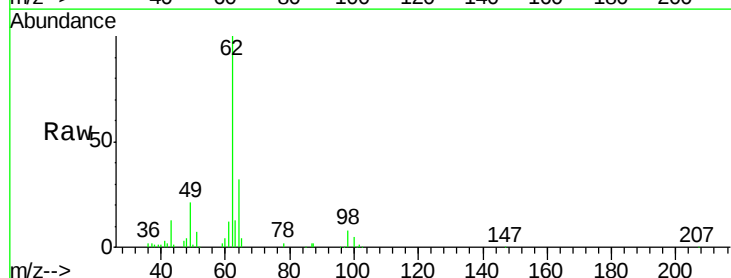
Acq: 17 Nov 2020 19:36

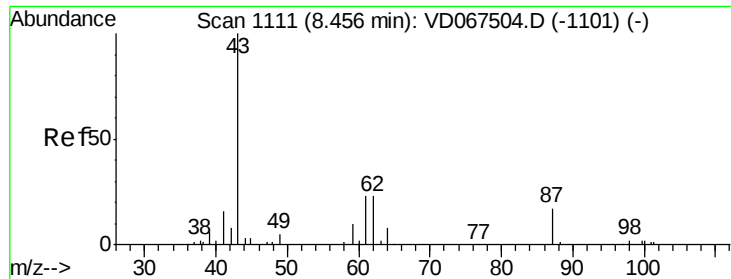
Tgt Ion: 62 Resp: 155317

Ion Ratio Lower Upper

62 100

98 8.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.637 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

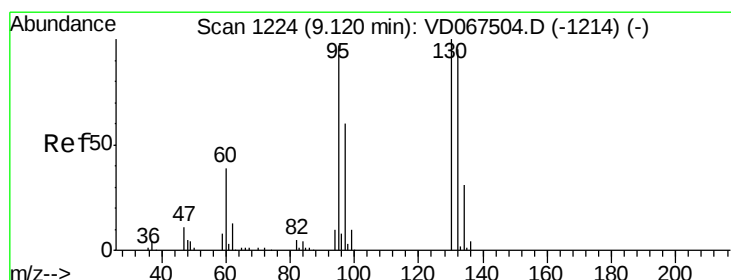
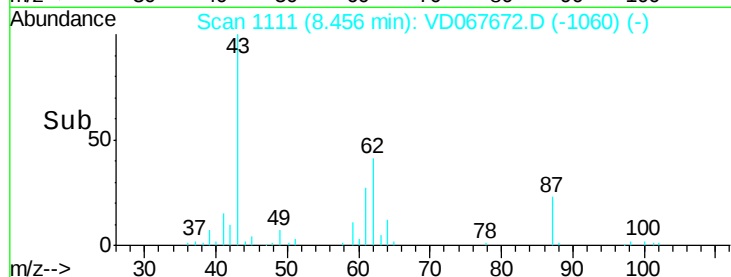
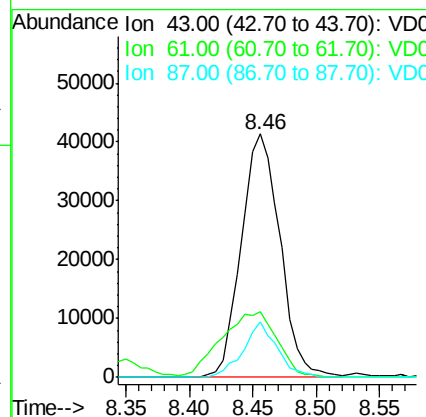
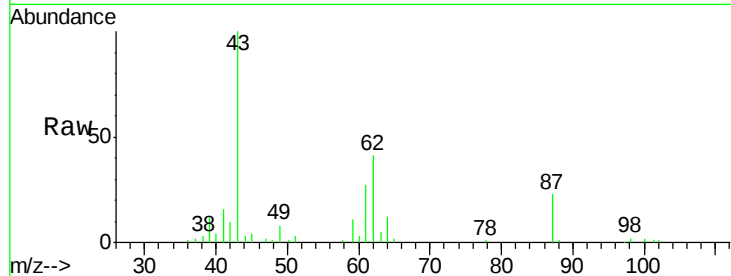
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	87870
Ion	Ratio	Lower	Upper
43	100		
61	38.8	30.5	45.7
87	19.9	14.7	22.1

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#44

Trichloroethene

Concen: 48.833 ug/l

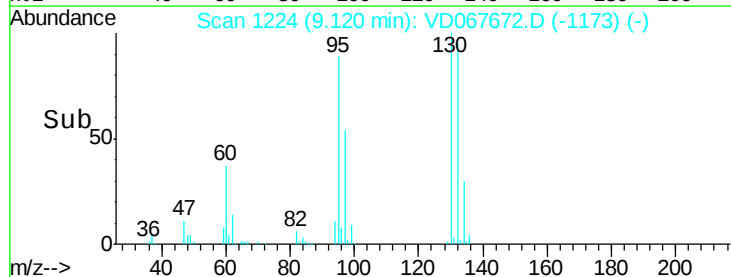
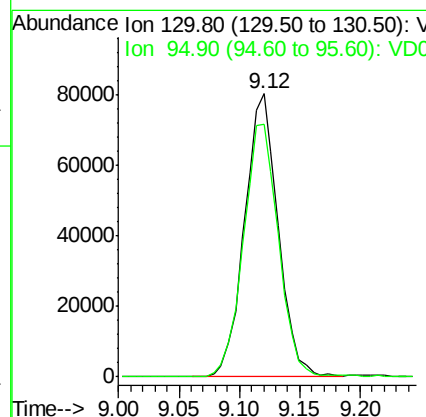
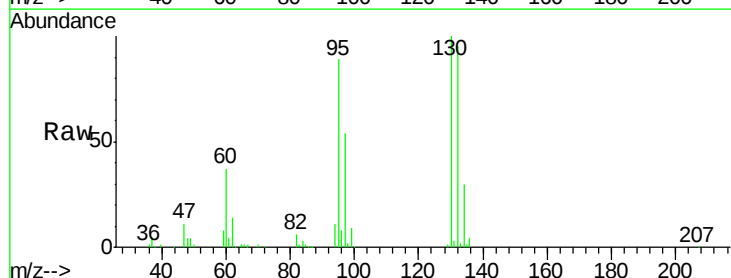
RT: 9.12 min Scan# 1224

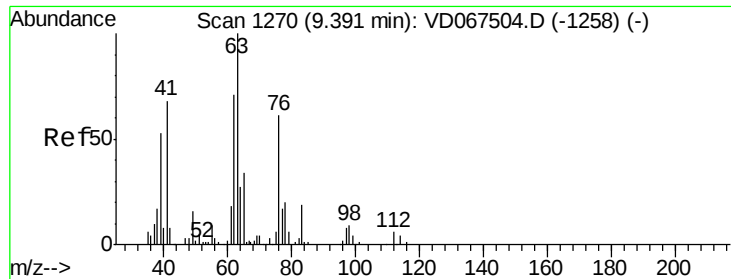
Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	130	Resp:	156253
Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	194.4





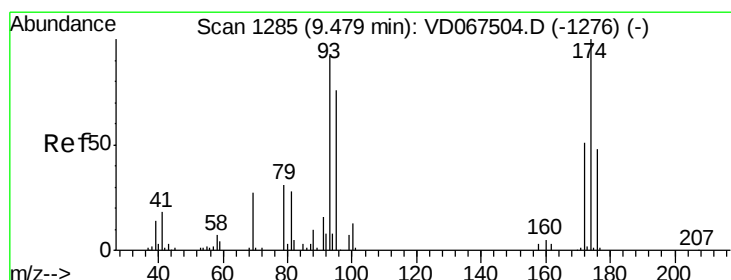
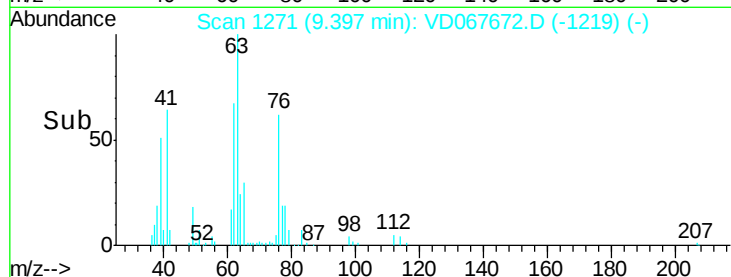
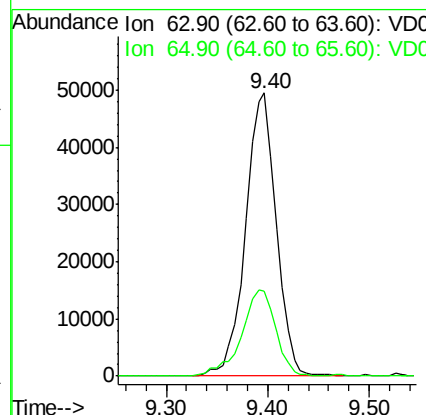
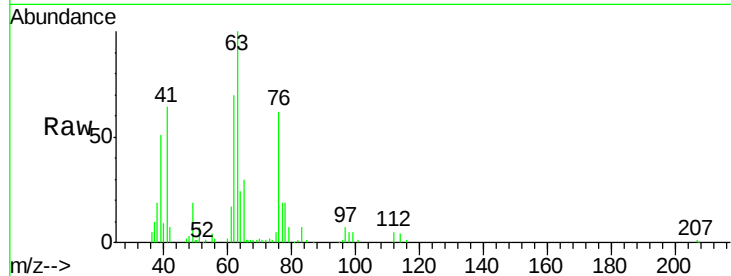
#45
 1,2-Dichloropropane
 Concen: 49.340 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 103810
 Ion Ratio Lower Upper
 63 100
 65 29.9 26.9 40.3

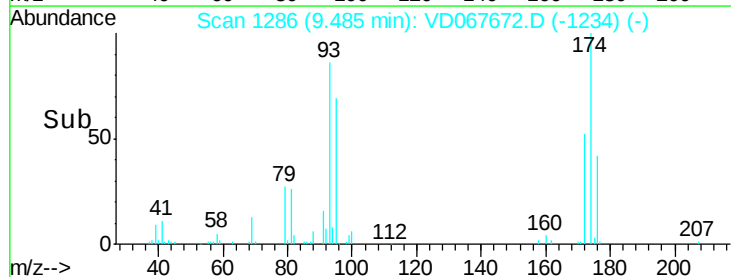
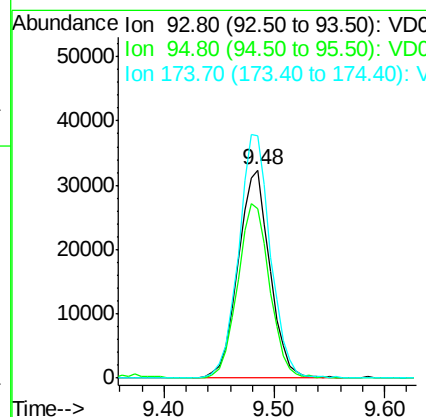
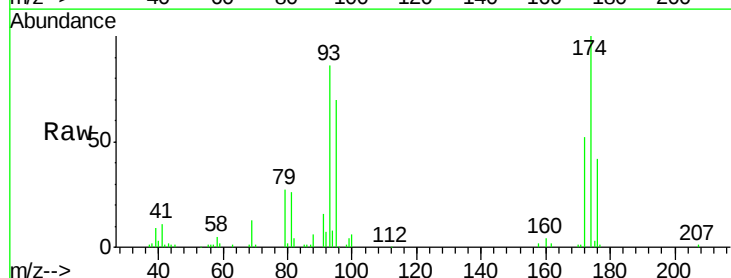
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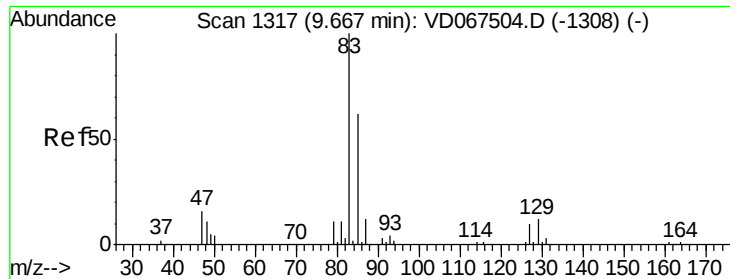
MMDadoda
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#46
 Dibromomethane
 Concen: 48.984 ug/l
 RT: 9.48 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 93 Resp: 65529
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 117.1 88.2 132.4





#47

Bromodichloromethane

Concen: 52.020 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

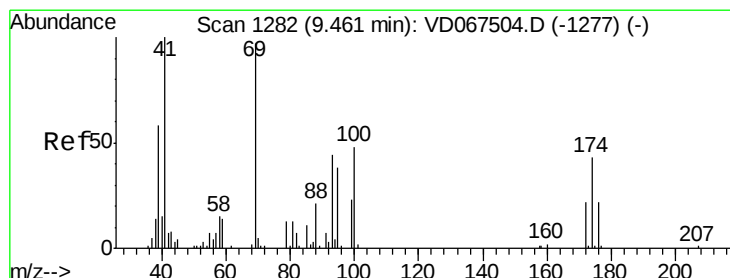
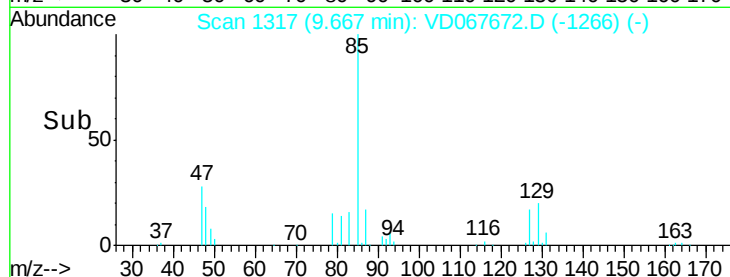
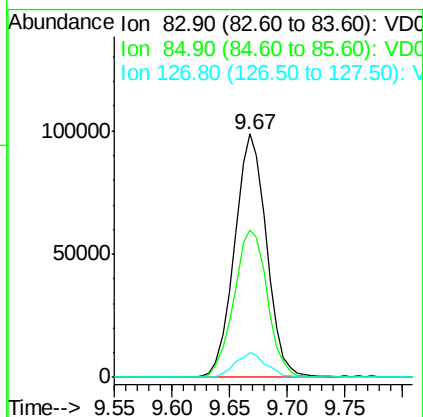
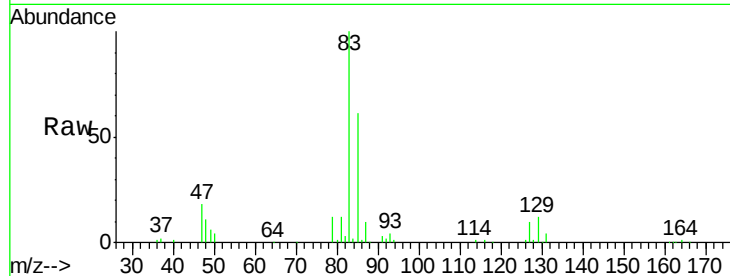
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	189148
Ion Ratio	Lower	Upper	
83	100		
85	60.6	49.4	74.2
127	10.1	7.7	11.5

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#48

Methyl methacrylate

Concen: 45.566 ug/l

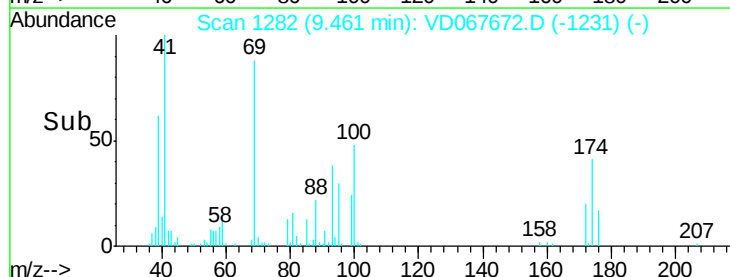
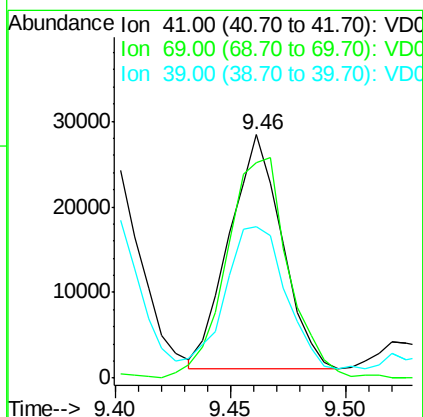
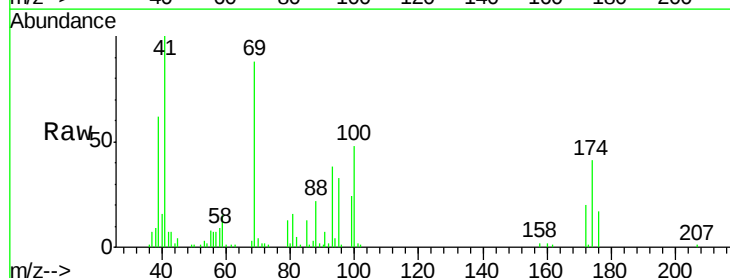
RT: 9.46 min Scan# 1282

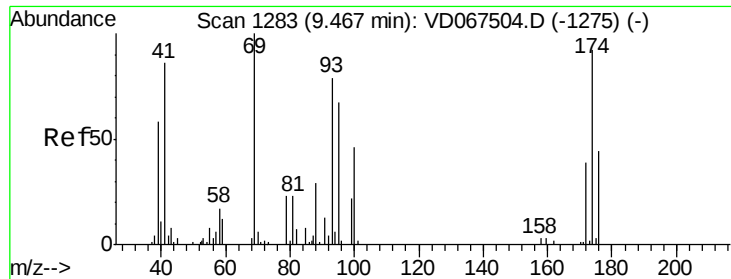
Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	41	Resp:	43397
Ion Ratio	Lower	Upper	
41	100		
69	110.7	80.6	121.0
39	69.9	50.2	75.4





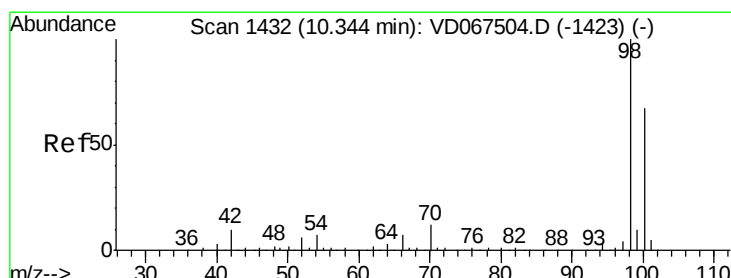
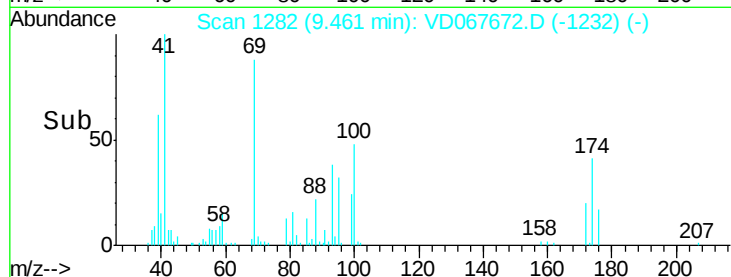
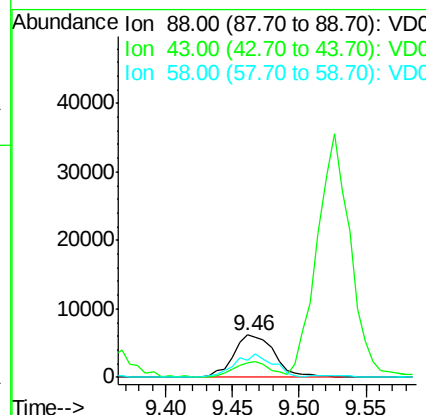
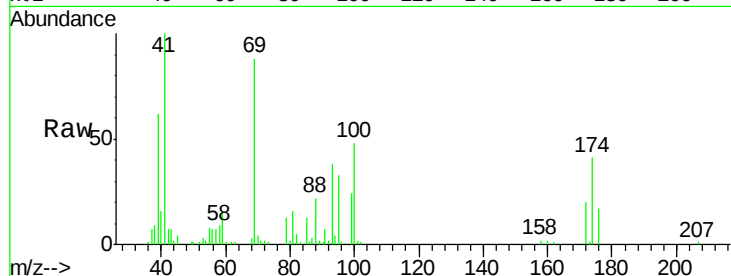
#49
1,4-Dioxane
Concen: 980.147 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	23.6	35.4
58	52.6	44.7	67.1

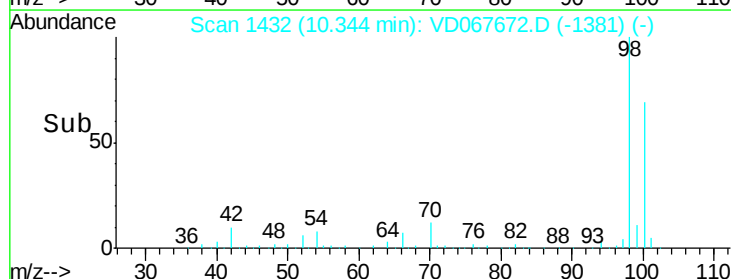
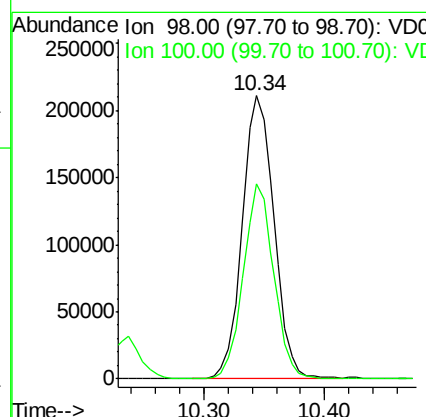
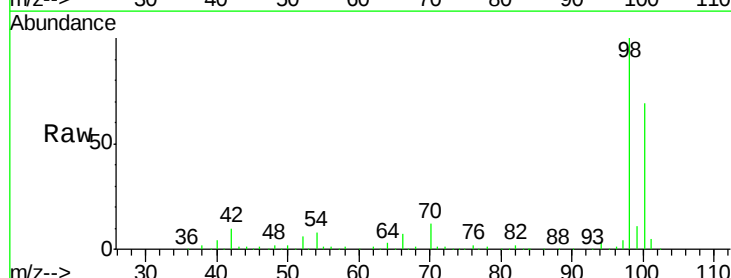
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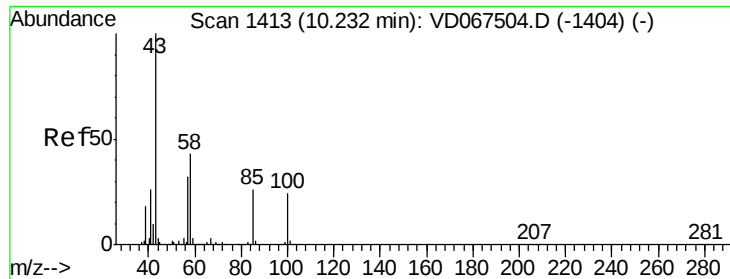
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#50
Toluene-d8
Concen: 43.766 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 251.377 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 221757

Ion Ratio Lower Upper

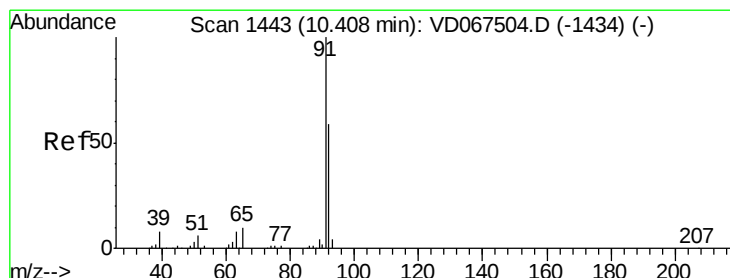
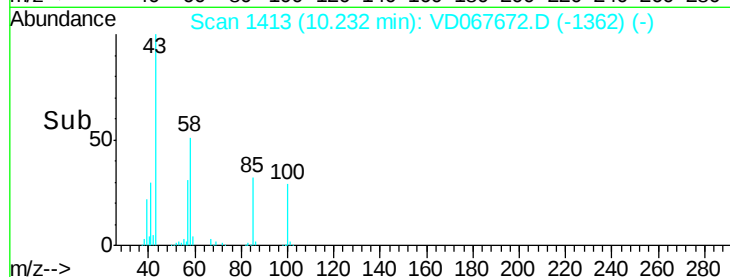
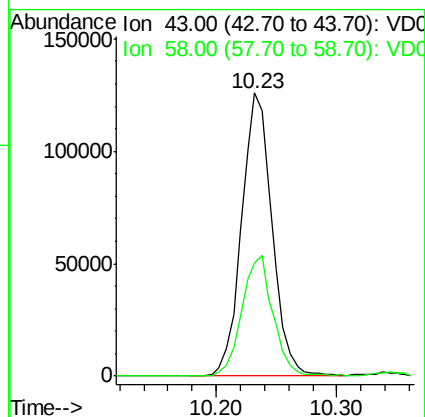
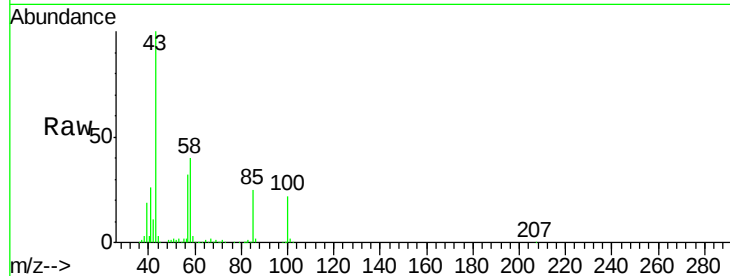
43 100

58 43.4 35.6 53.4

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#52

Toluene

Concen: 51.363 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067672.D

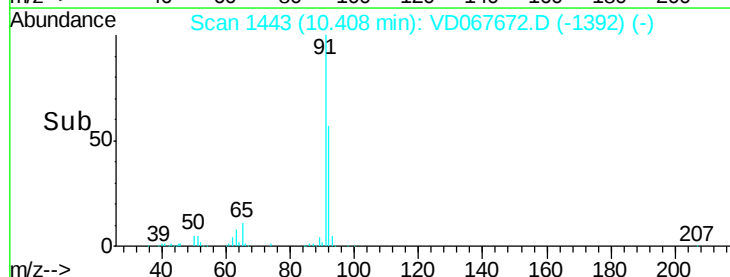
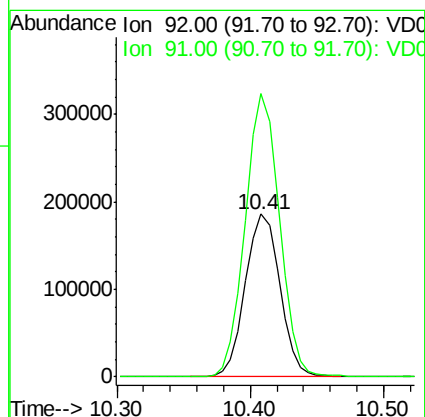
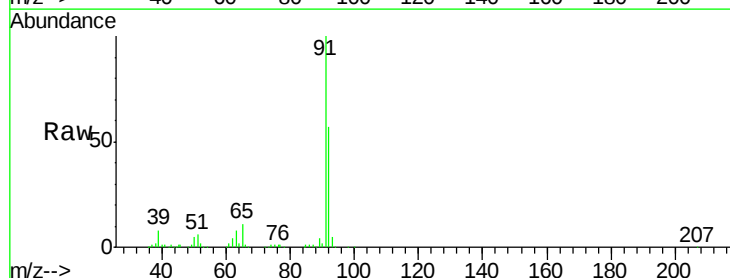
Acq: 17 Nov 2020 19:36

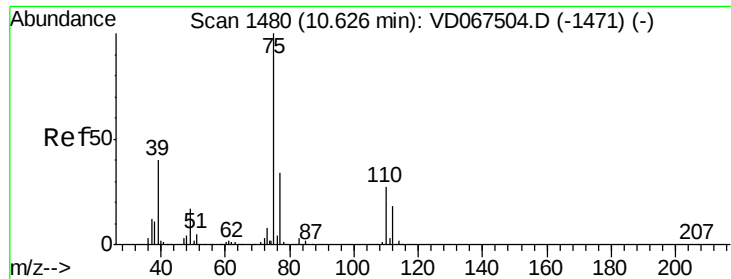
Tgt Ion: 92 Resp: 334782

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.6





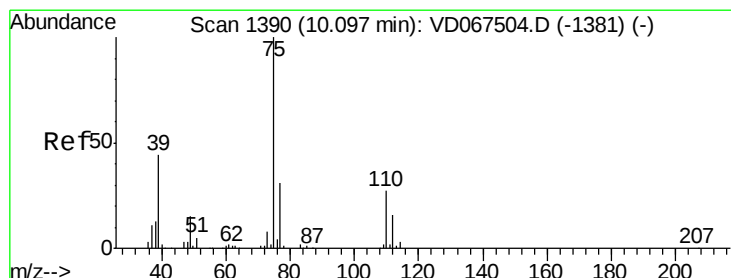
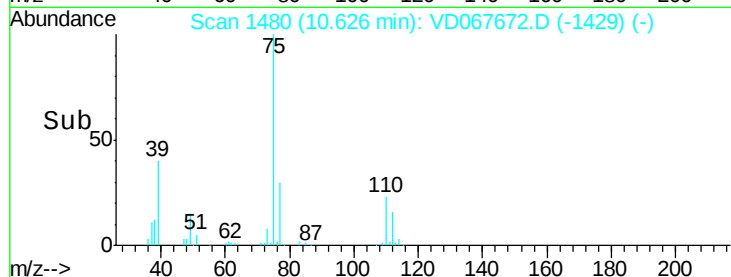
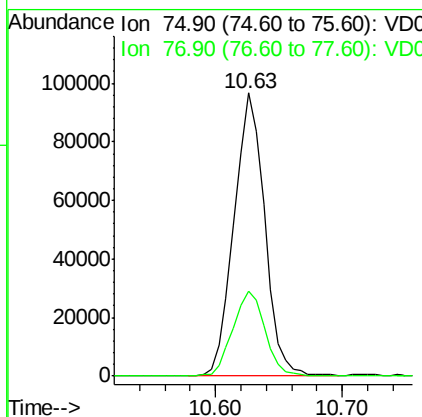
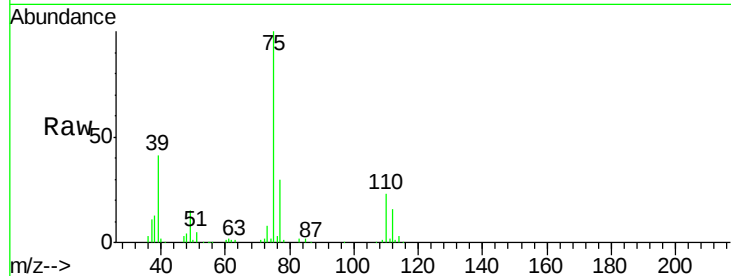
#53
t-1,3-Dichloropropene
Concen: 52.001 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	27.0	40.6

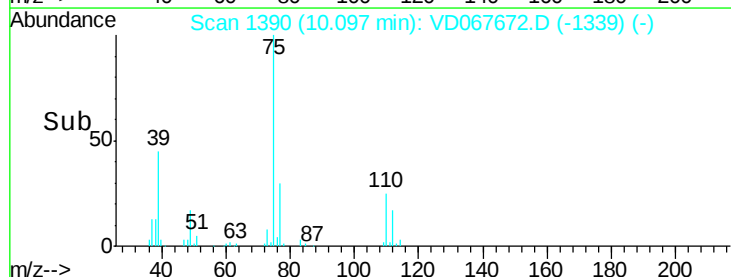
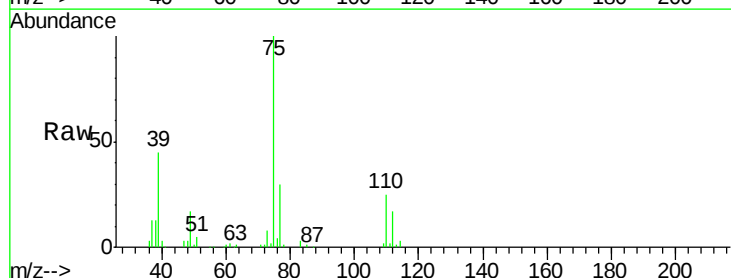
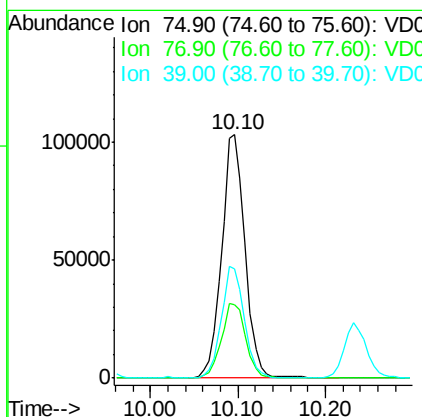
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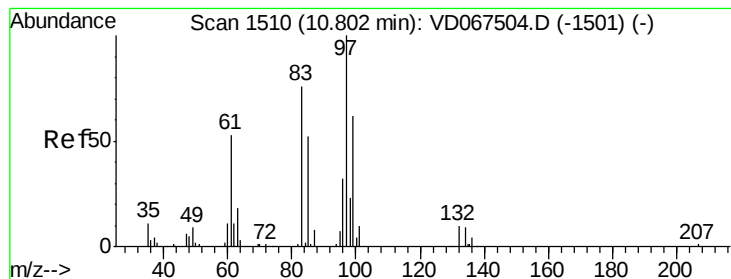
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#54
cis-1,3-Dichloropropene
Concen: 51.253 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.4	36.6
39	44.7	35.6	53.4





#55

1,1,2-Trichloroethane

Concen: 51.466 ug/l

RT: 10.81 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

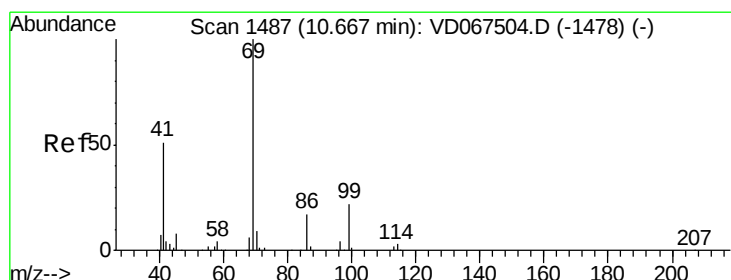
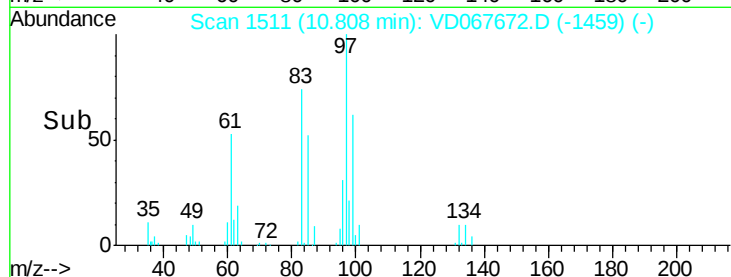
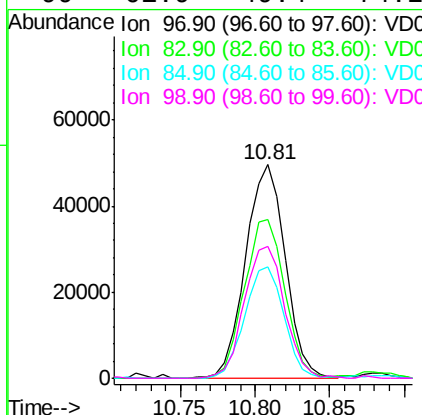
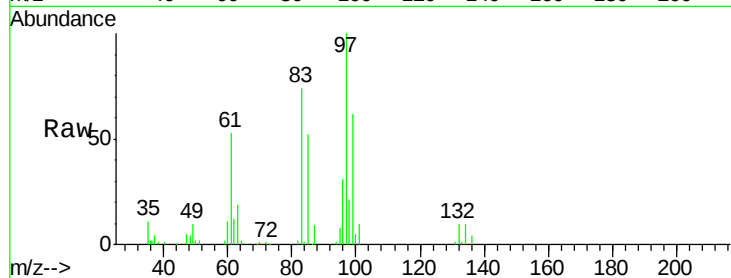
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	91096
Ion	Ratio	Lower	Upper
97	100		
83	74.3	61.0	91.6
85	52.0	41.5	62.3
99	61.9	49.4	74.2

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#56

Ethyl methacrylate

Concen: 50.191 ug/l

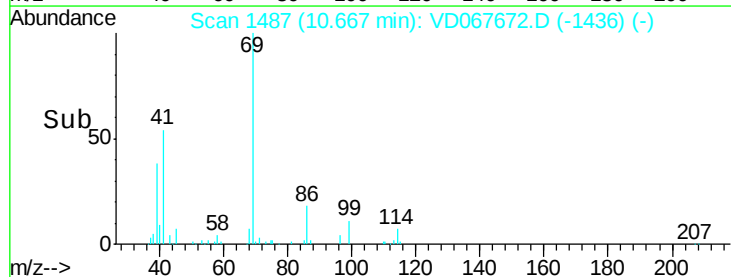
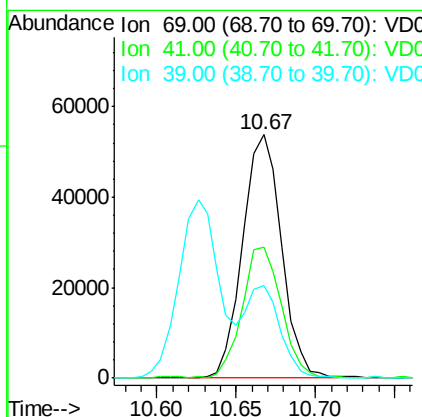
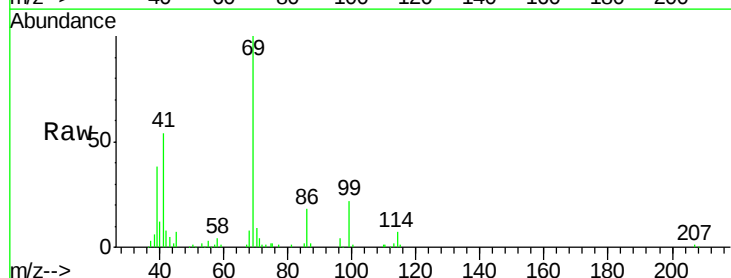
RT: 10.67 min Scan# 1487

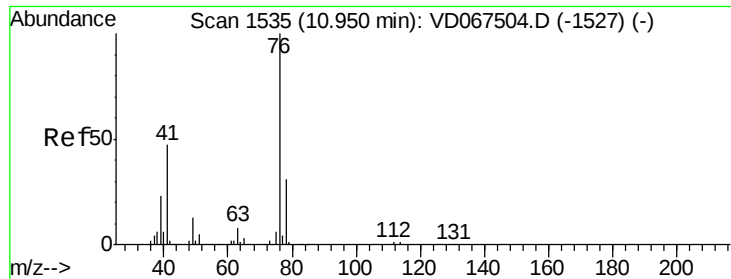
Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	69	Resp:	91741
Ion	Ratio	Lower	Upper
69	100		
41	54.6	45.4	68.0
39	34.7	27.4	41.0





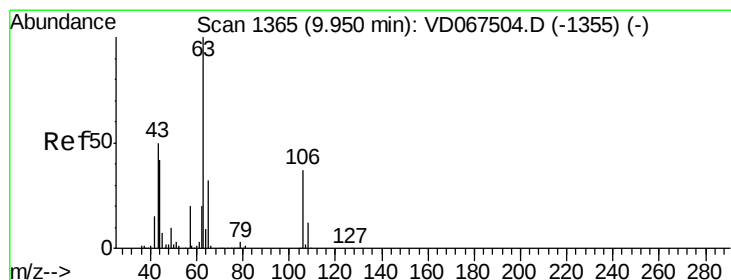
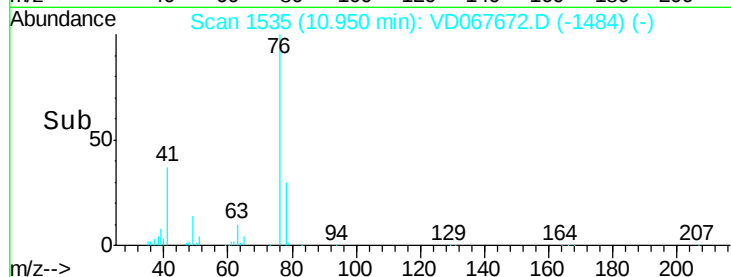
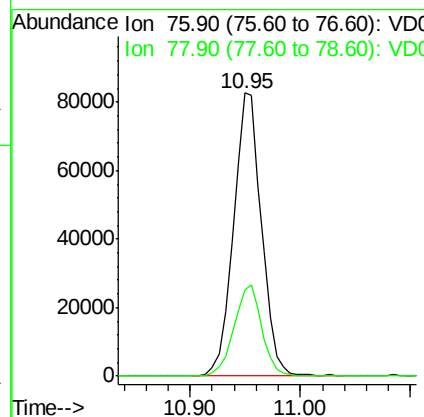
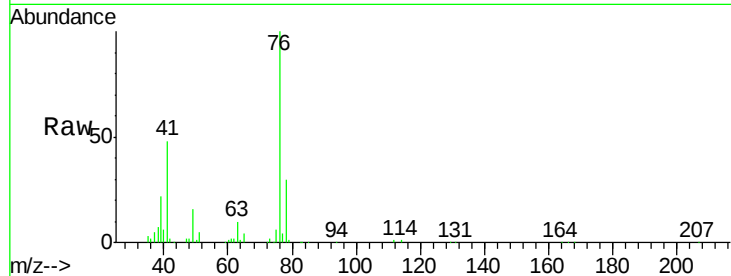
#57
 1,3-Dichloropropane
 Concen: 51.490 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 146659
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

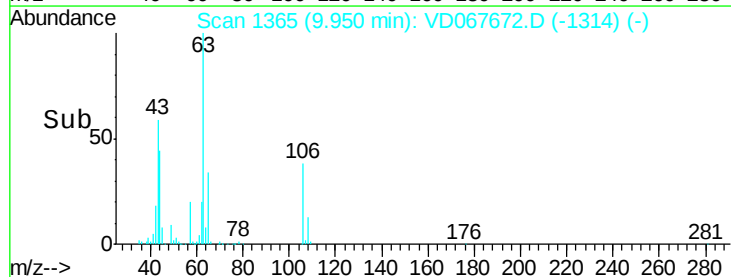
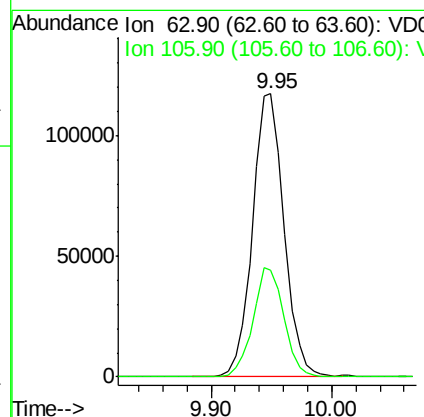
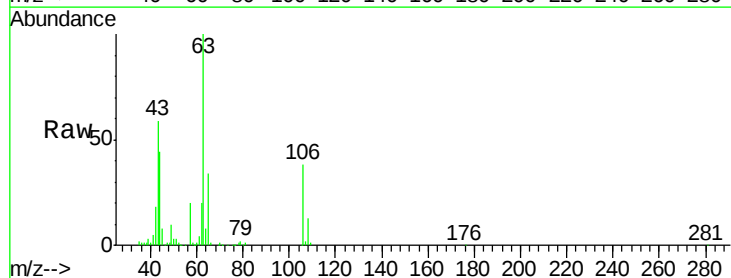
Manual Integrations
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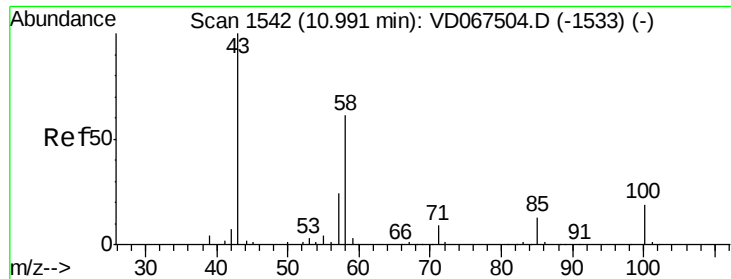
MMDadoda
 11/18/2020 10:50:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.752 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 63 Resp: 212884
 Ion Ratio Lower Upper
 63 100
 106 37.9 29.2 43.8





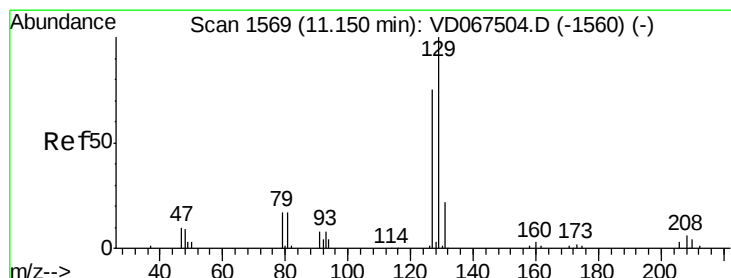
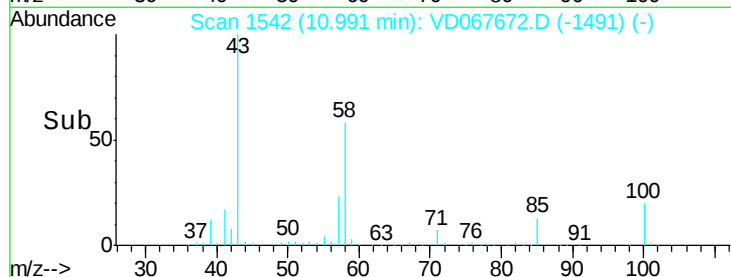
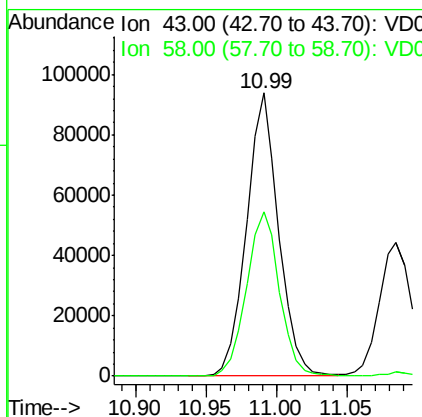
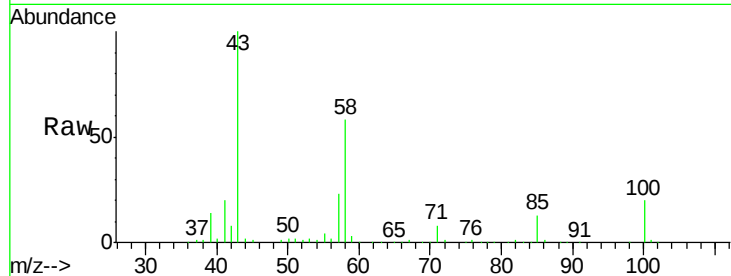
#59
2-Hexanone
Concen: 242.589 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	30.3	90.9

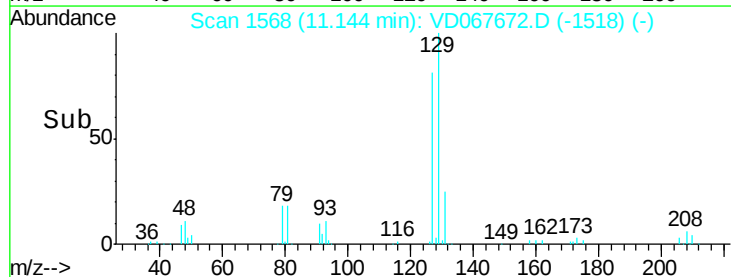
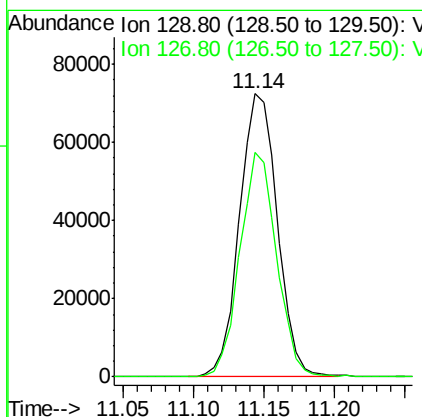
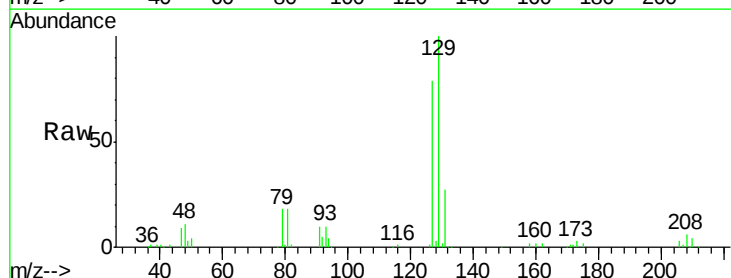
Manual Integrations
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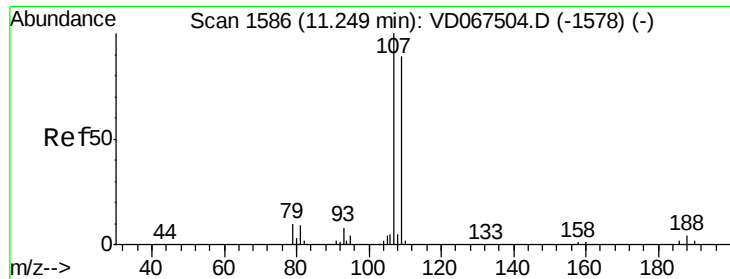
MMDadoda
11/18/2020 10:50:21 AM



#60
Dibromochloromethane
Concen: 52.095 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.0	114.1





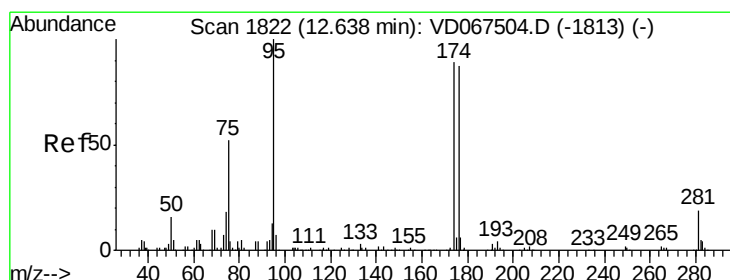
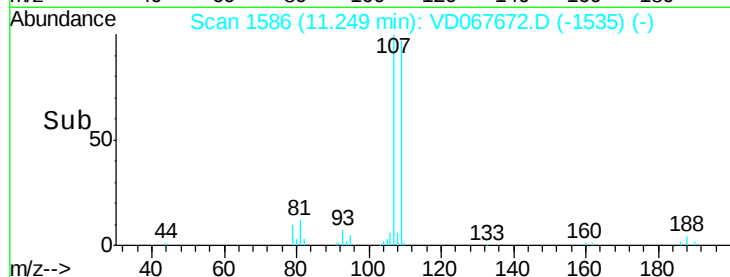
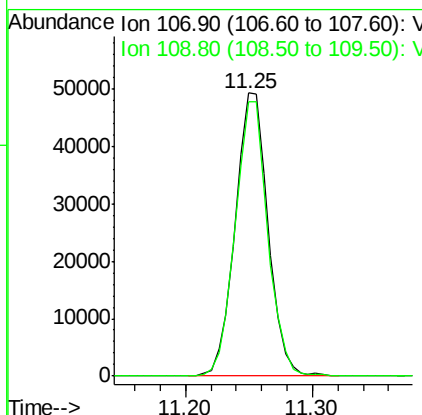
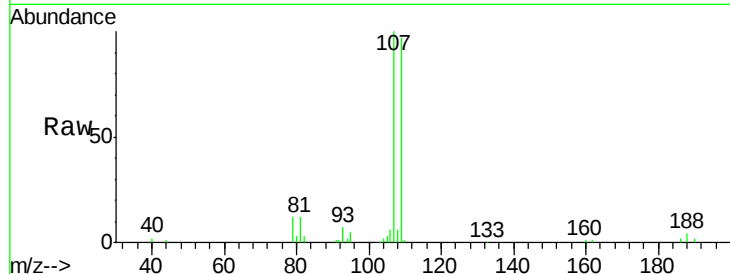
#61
 1,2-Dibromoethane
 Concen: 49.654 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 88209
 Ion Ratio Lower Upper
 107 100
 109 96.3 74.6 111.8

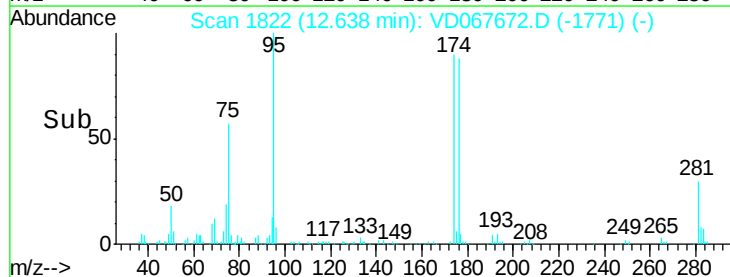
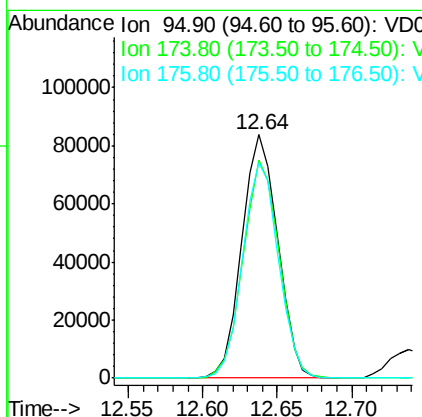
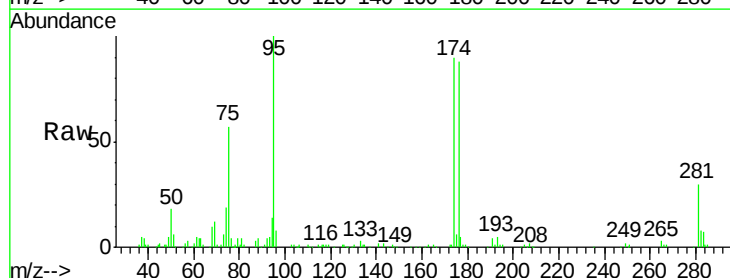
Manual Integrations
 APPROVED

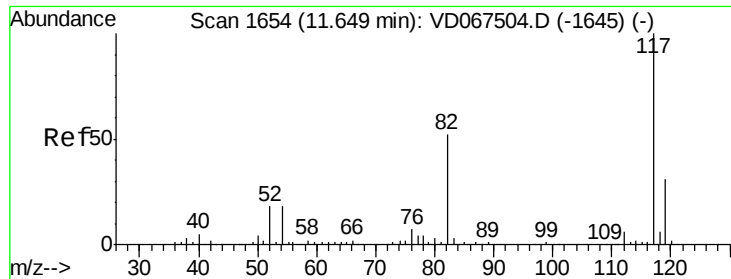
MMDadoda
 11/18/2020 10:50:21 AM



#62
 4-Bromofluorobenzene
 Concen: 45.540 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 95 Resp: 139715
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 177.8
 176 88.3 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

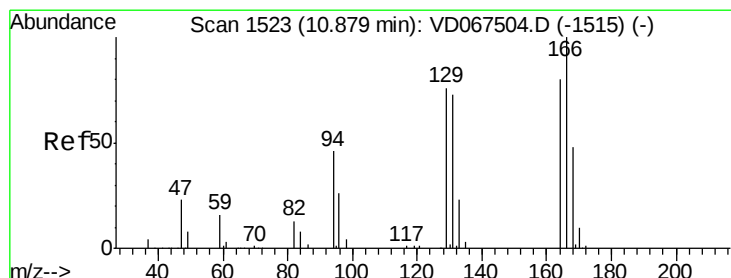
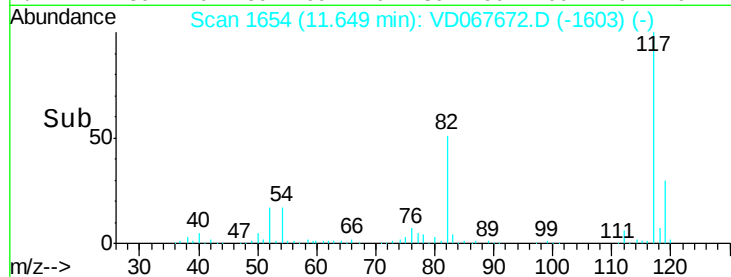
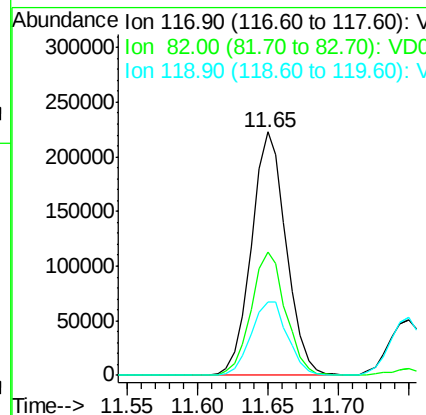
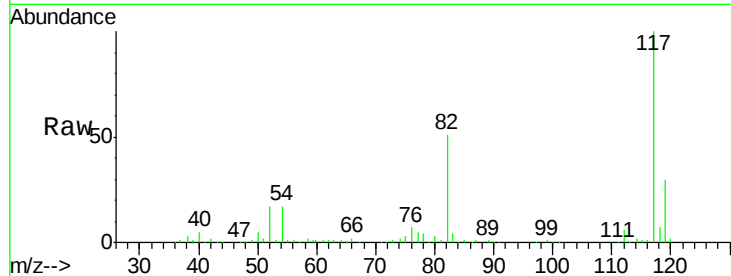
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	384403
Ion Ratio	Lower	Upper	
117	100		
82	50.6	41.6	62.4
119	30.4	25.1	37.7

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#64

Tetrachloroethene

Concen: 48.954 ug/l

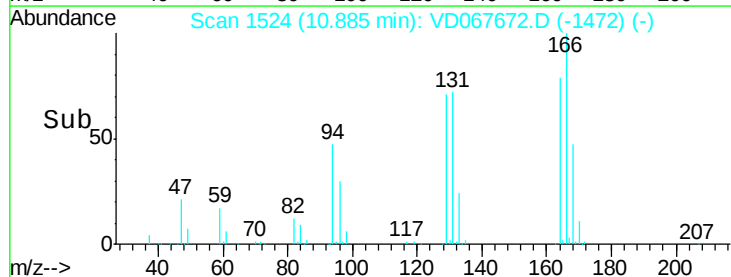
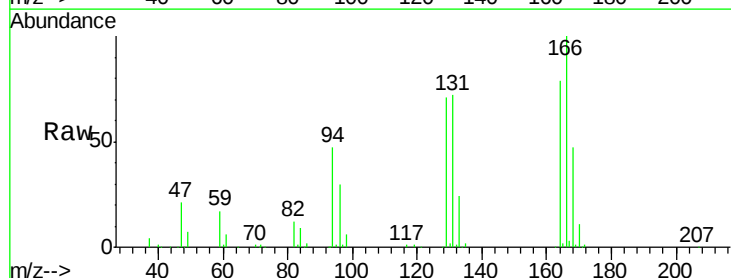
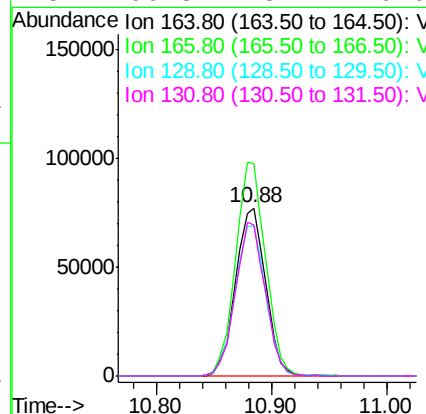
RT: 10.88 min Scan# 1524

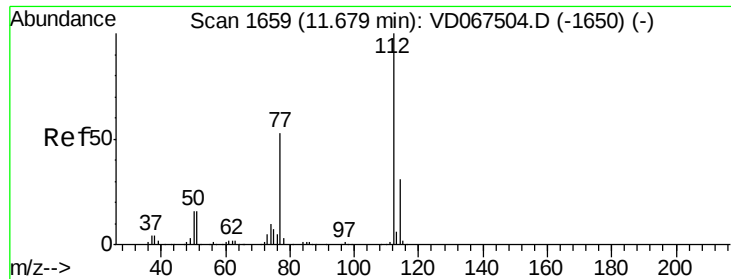
Delta R.T. 0.01 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	164	Resp:	139365
Ion Ratio	Lower	Upper	
164	100		
166	126.3	99.9	149.9
129	89.3	75.5	113.3
131	90.3	73.4	110.0





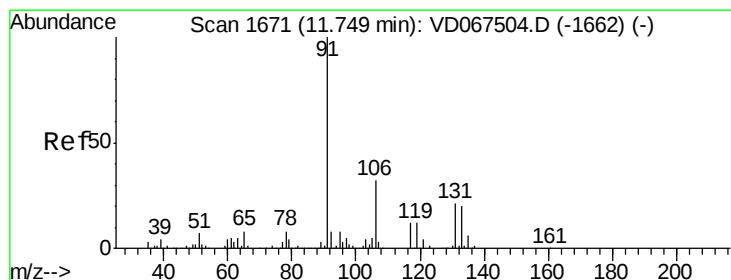
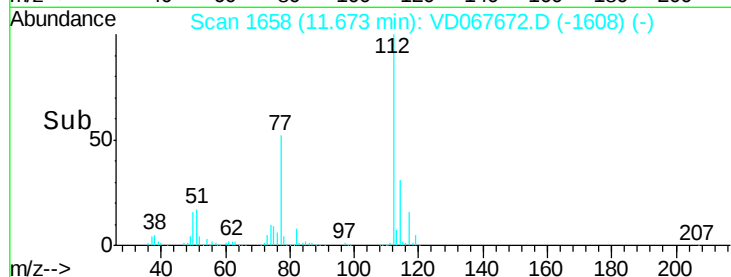
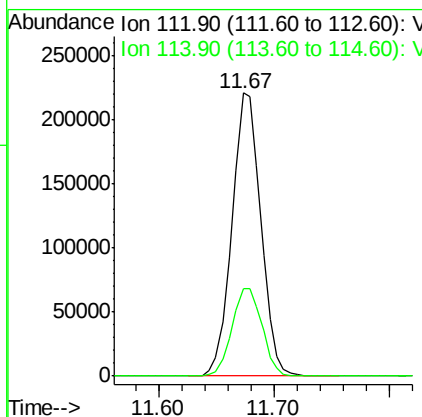
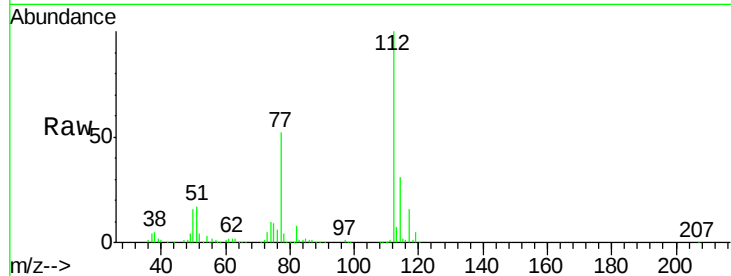
#65
Chlorobenzene
Concen: 51.552 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.9	37.3

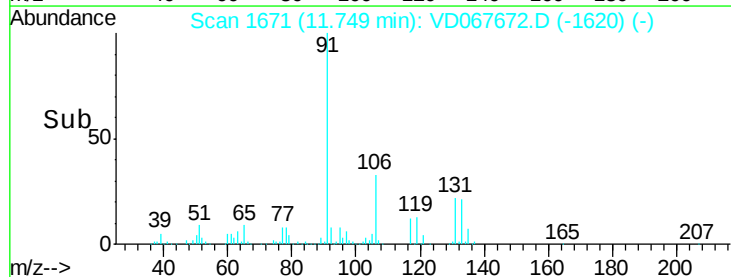
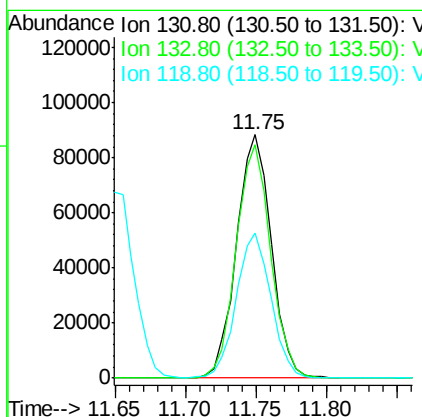
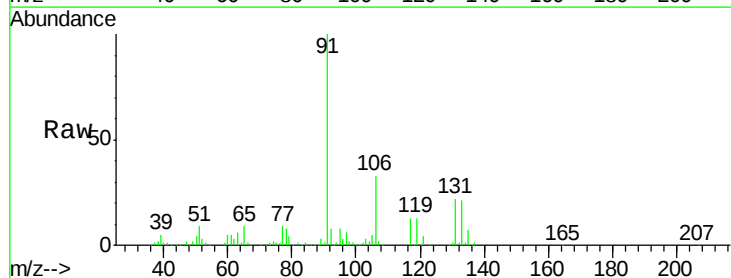
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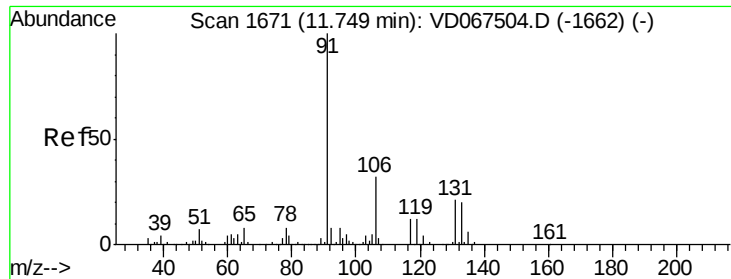
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.247 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.0	144.0
119	59.6	30.1	90.5





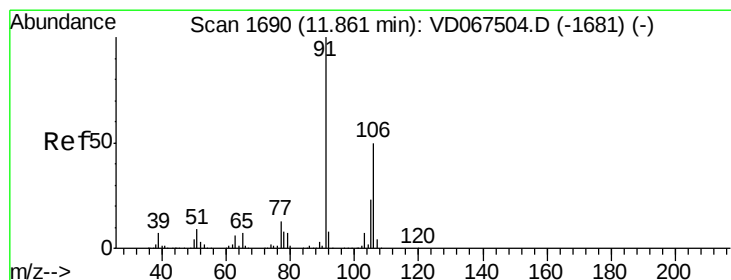
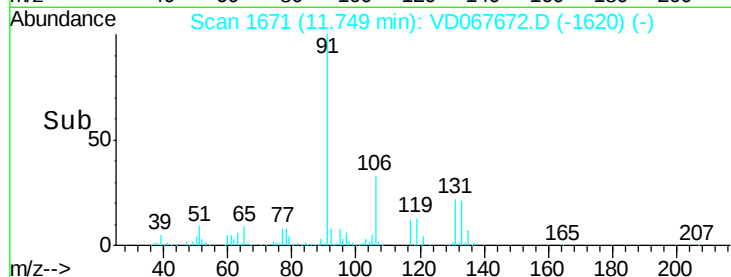
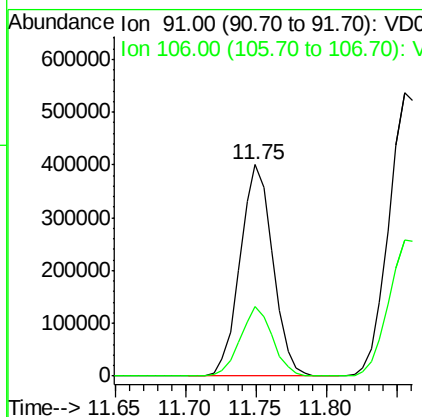
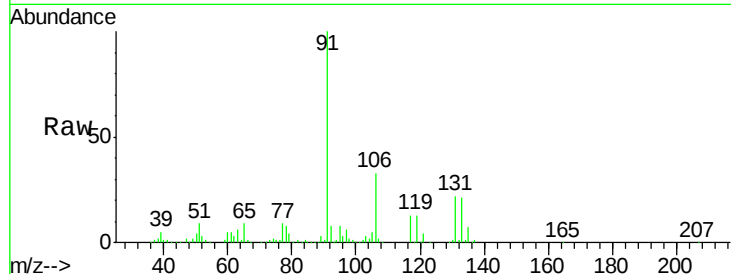
#67
Ethyl Benzene
Concen: 51.511 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 652682
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5

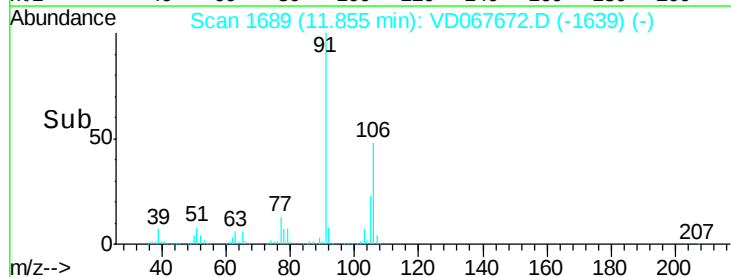
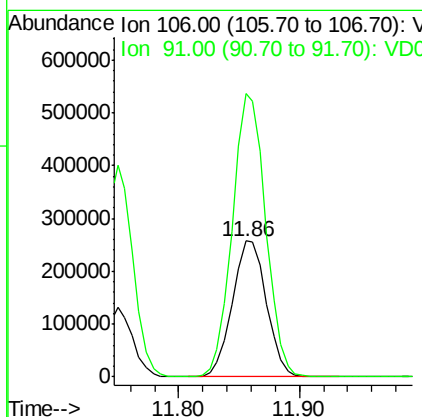
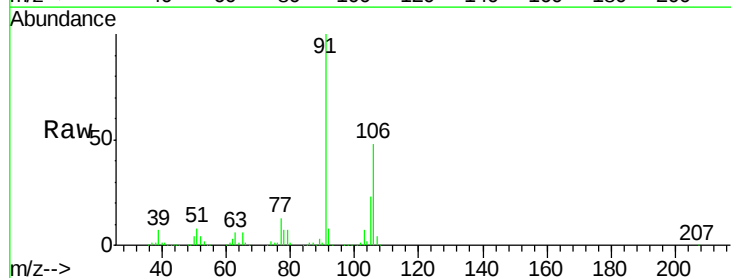
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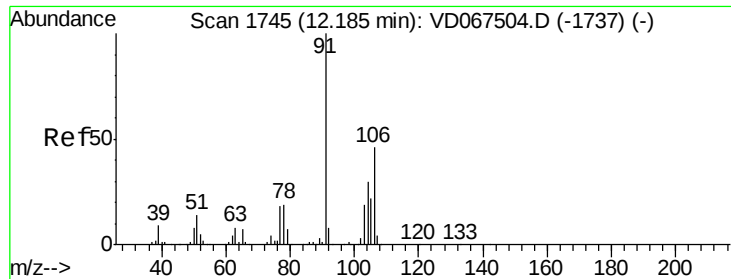
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#68
m/p-Xylenes
Concen: 102.994 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion: 106 Resp: 507708
Ion Ratio Lower Upper
106 100
91 202.8 162.6 244.0





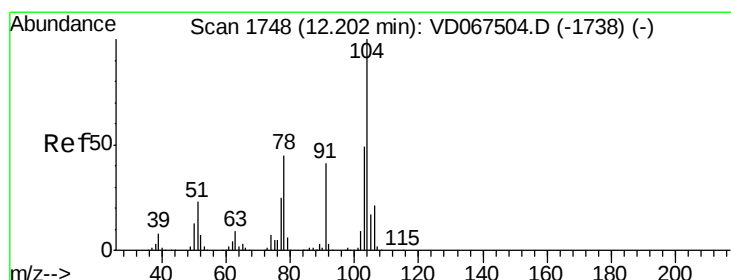
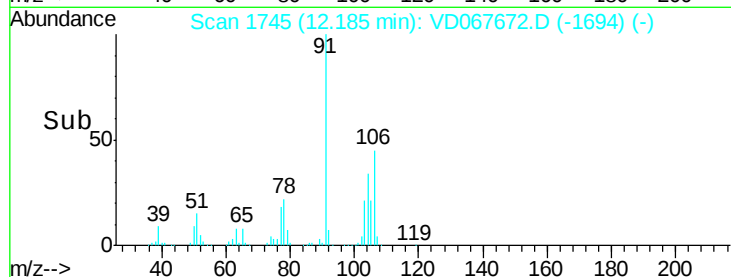
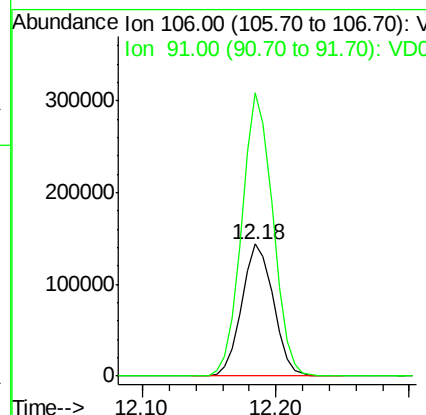
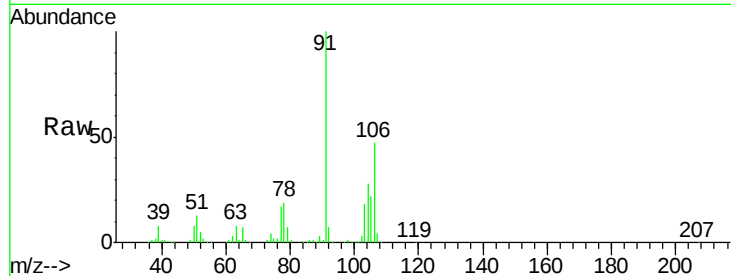
#69
o-Xylene
Concen: 53.653 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 236138
Ion Ratio Lower Upper
106 100
91 210.2 107.1 321.1

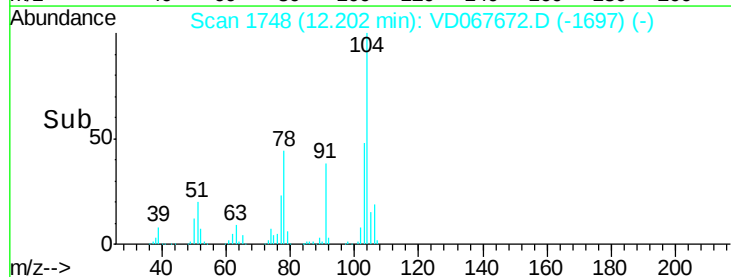
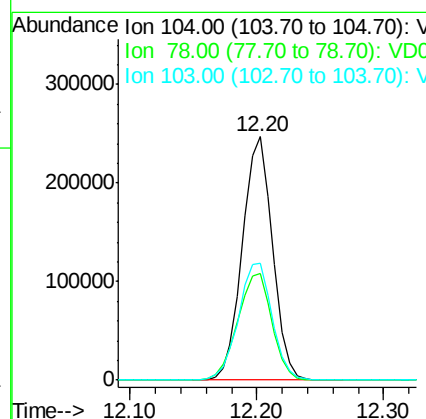
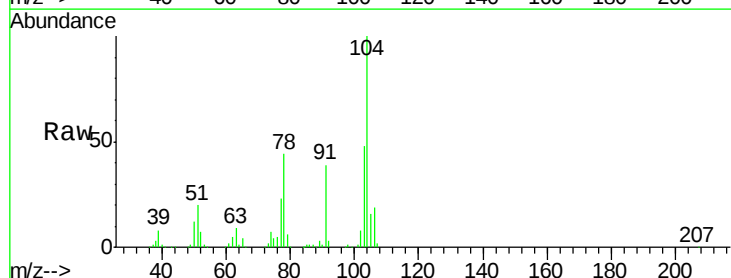
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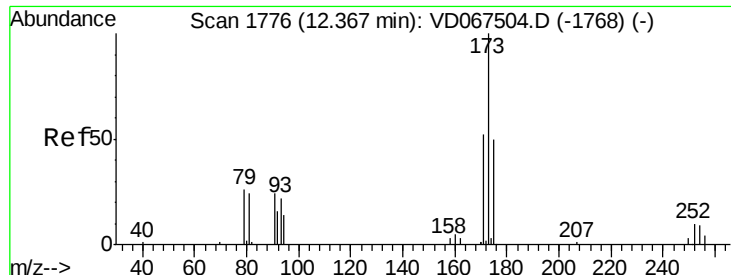
MMDadoda
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#70
Styrene
Concen: 53.169 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion:104 Resp: 407758
Ion Ratio Lower Upper
104 100
78 49.5 39.8 59.8
103 53.6 43.9 65.9





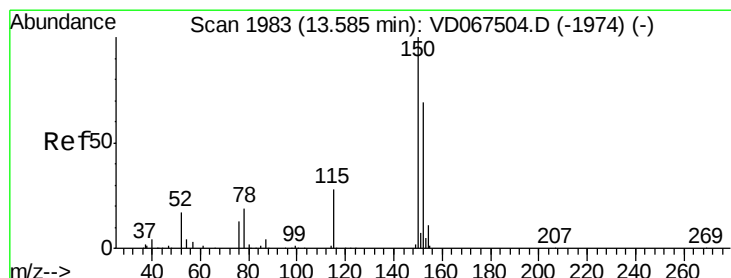
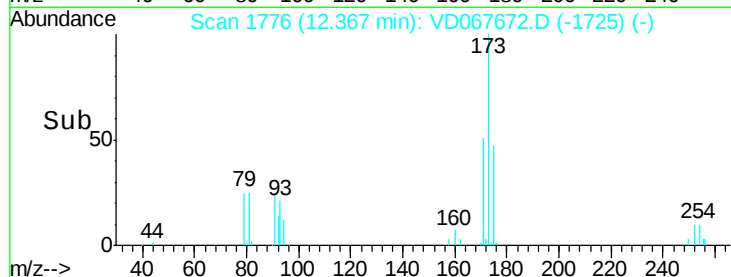
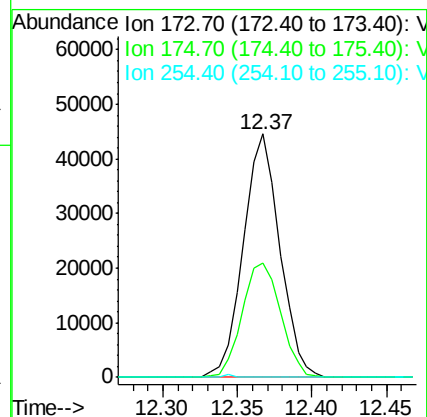
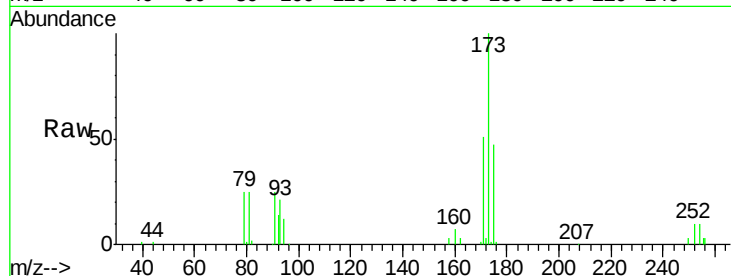
#71
Bromoform
Concen: 50.627 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.2
254	0.0	0.0	0.0

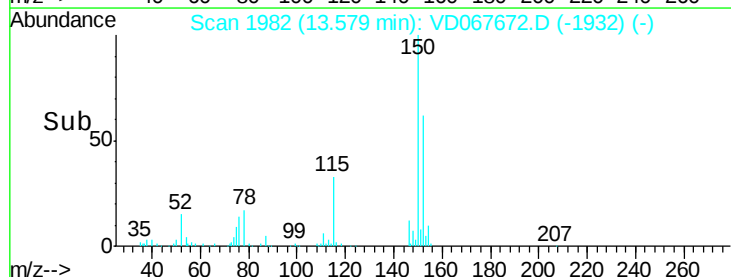
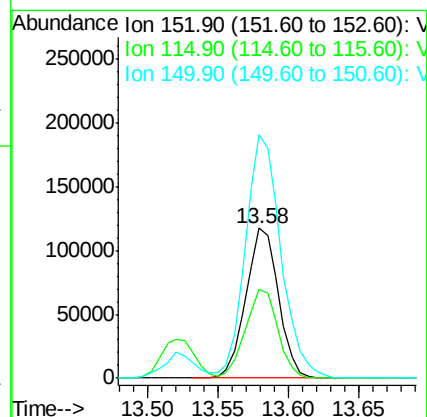
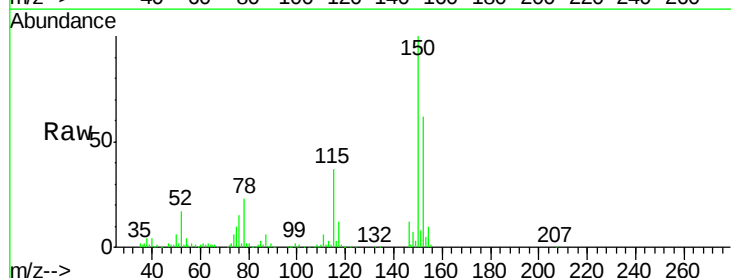
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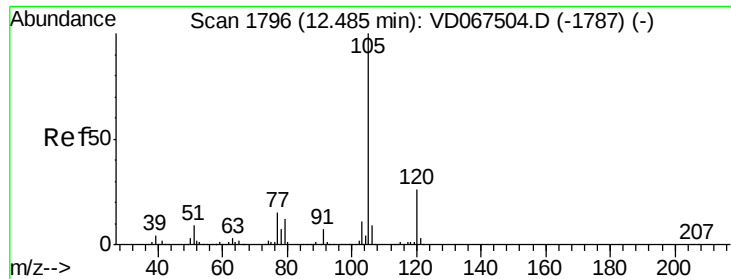
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.3	88.0
150	176.7	0.0	338.2





#73

Isopropylbenzene

Concen: 53.402 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 657517

Ion Ratio Lower Upper

105 100

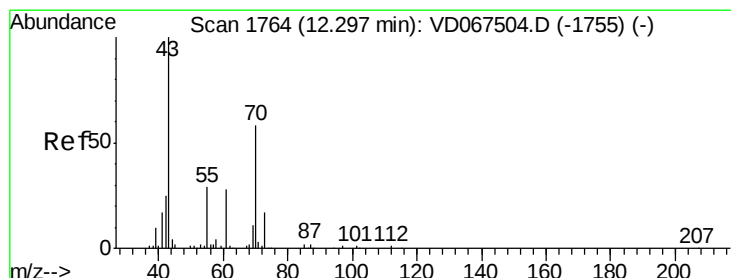
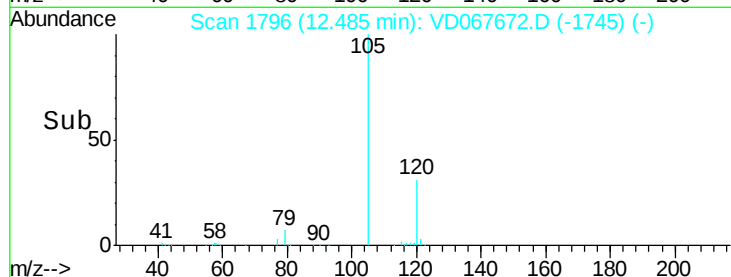
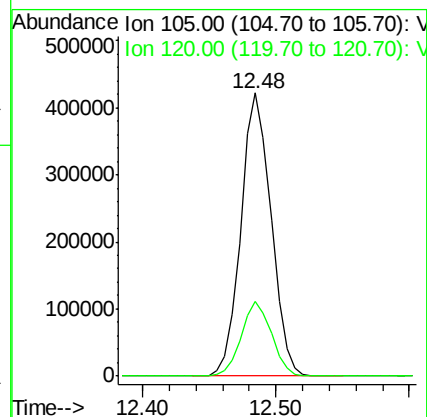
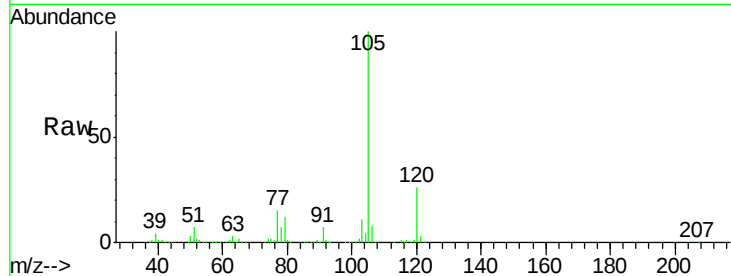
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.559 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion: 43 Resp: 78672

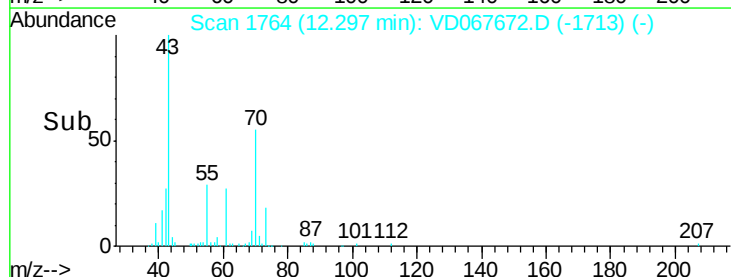
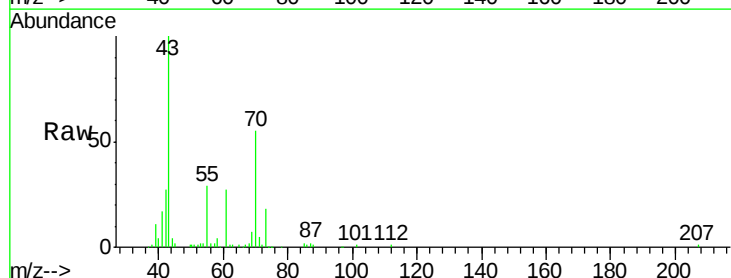
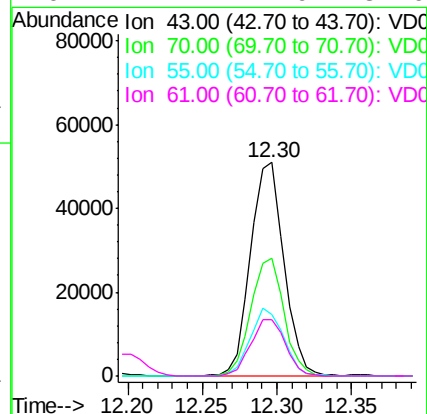
Ion Ratio Lower Upper

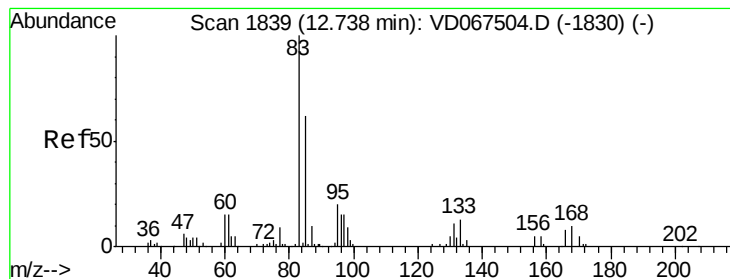
43 100

70 55.0 42.6 64.0

55 31.6 23.7 35.5

61 27.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.153 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

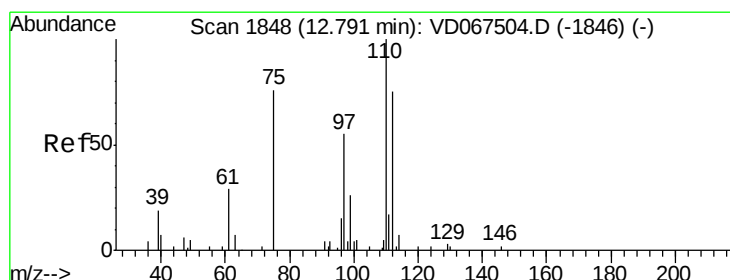
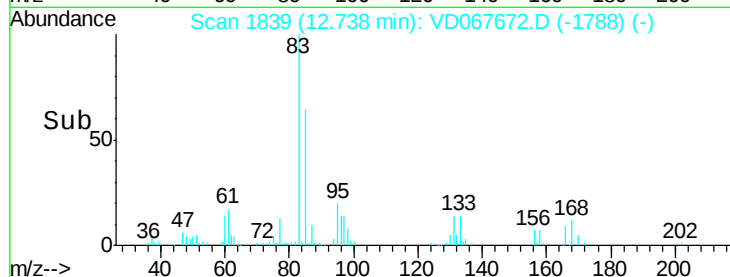
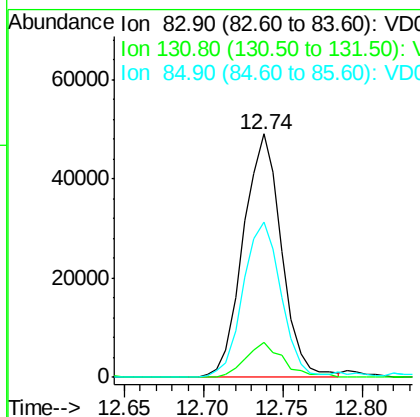
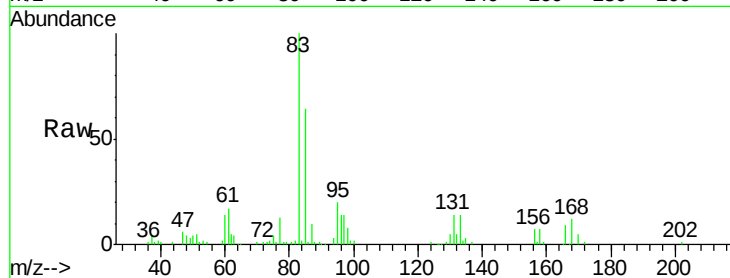
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	82526
Ion Ratio	Lower	Upper	
83	100		
131	14.1	7.1	21.3
85	63.4	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 59.864 ug/l m

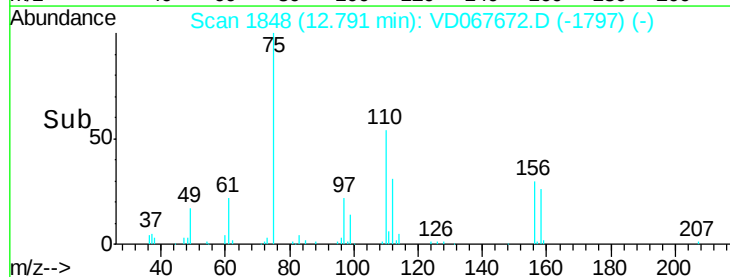
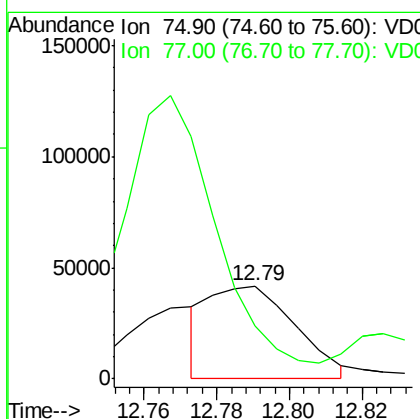
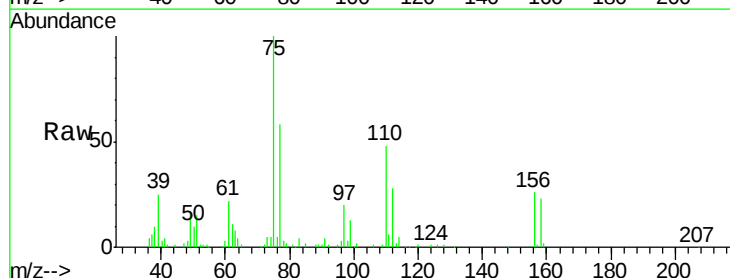
RT: 12.79 min Scan# 1848

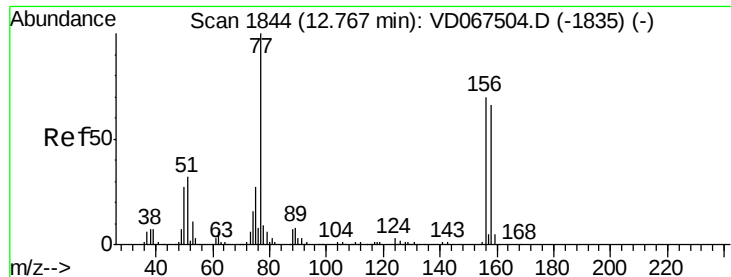
Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Tgt Ion:	75	Resp:	68801
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.216 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 157890

Ion Ratio Lower Upper

156 100

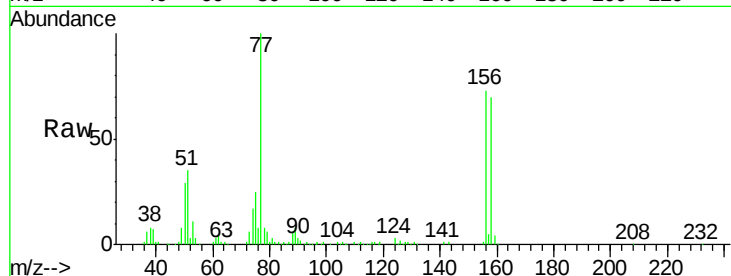
77 149.6 77.8 233.5

158 96.2 47.9 143.7

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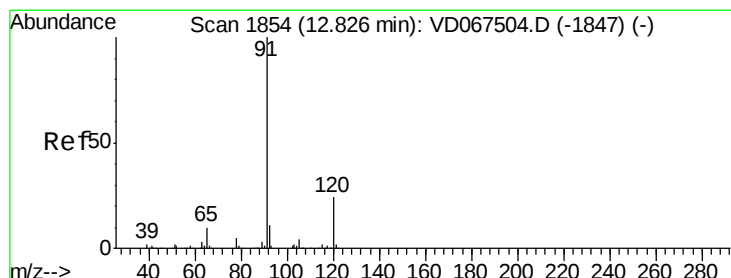
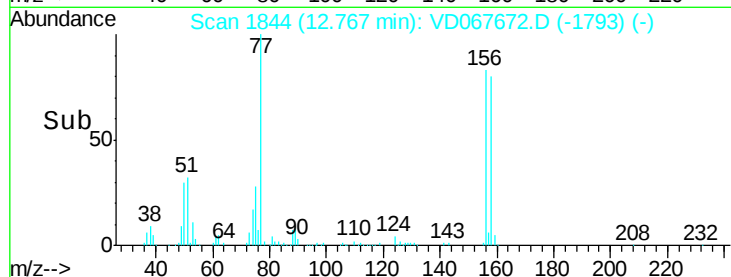
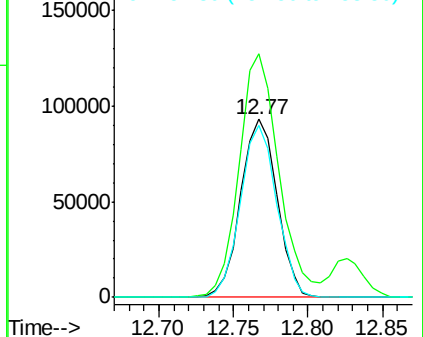
11/18/2020 10:50:21 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.306 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067672.D

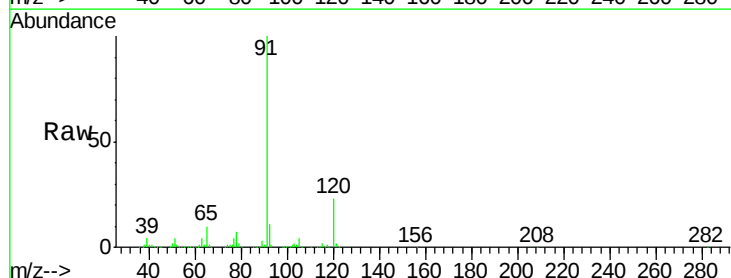
Acq: 17 Nov 2020 19:36

Tgt Ion: 91 Resp: 736642

Ion Ratio Lower Upper

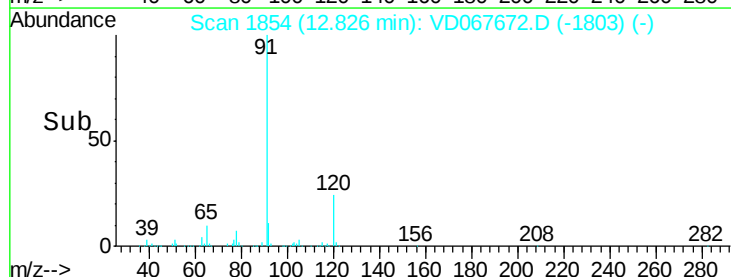
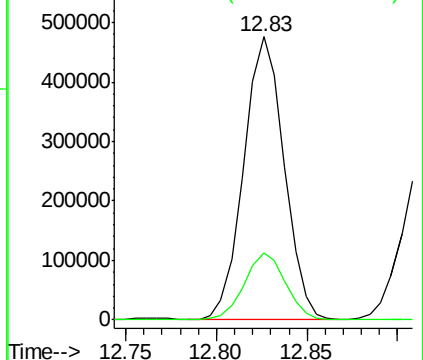
91 100

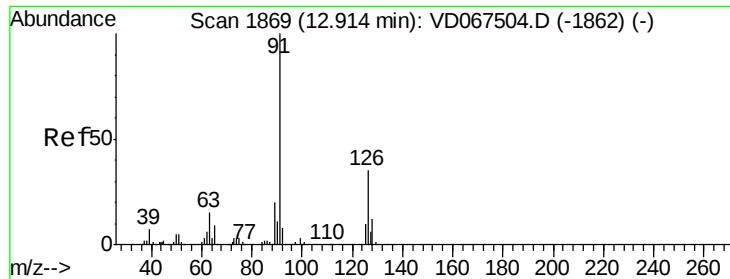
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





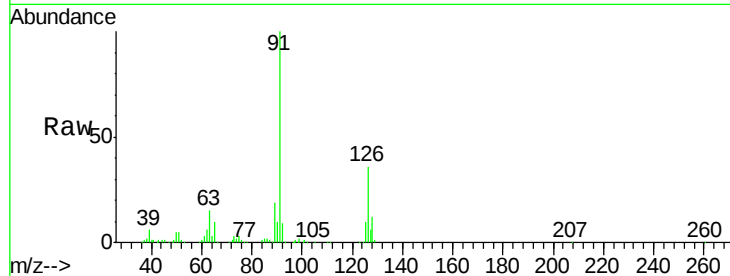
#79
 2-Chlorotoluene
 Concen: 53.269 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

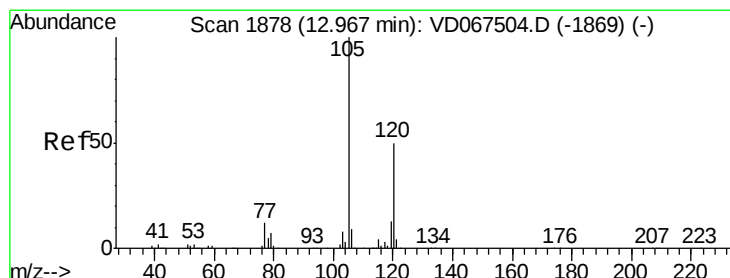
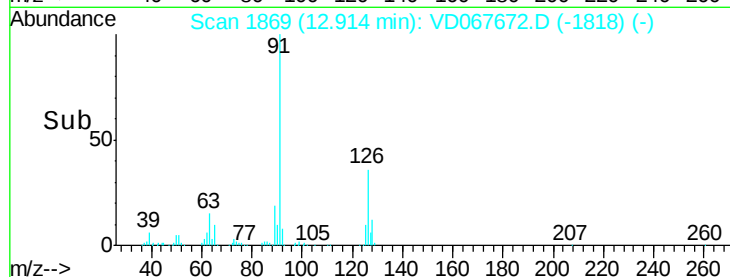
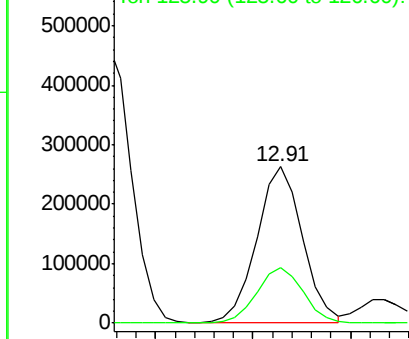
Tot Ion: 91 Resp: 426150
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.8 53.4

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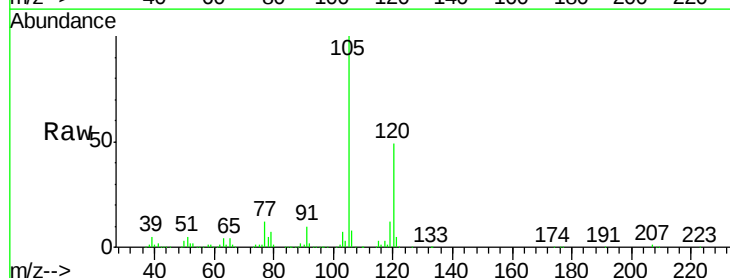


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.90 (125.60 to 126.60): V

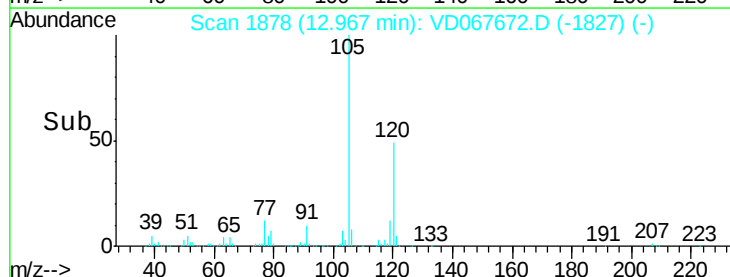
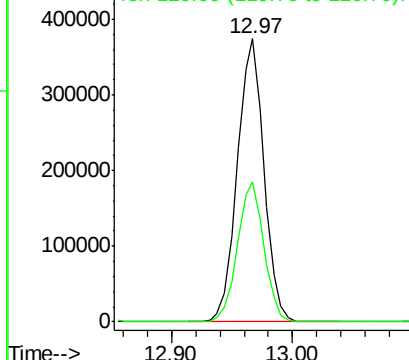


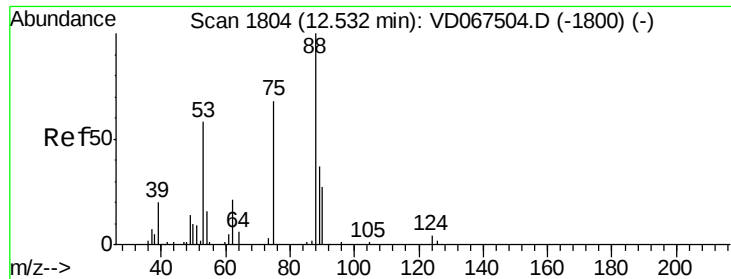
#80
 1,3,5-Trimethylbenzene
 Concen: 54.709 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion: 105 Resp: 575422
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8



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





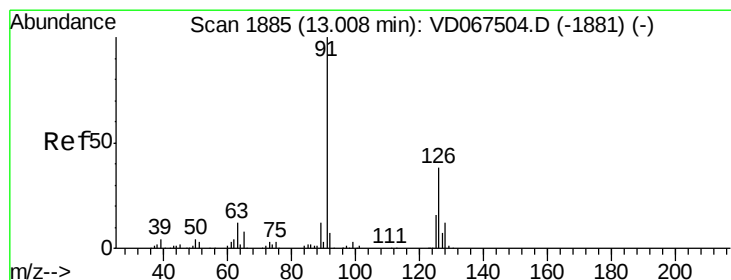
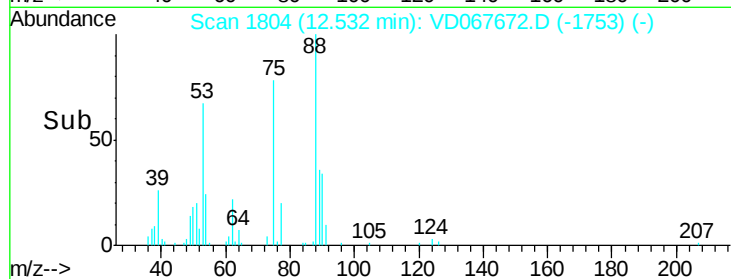
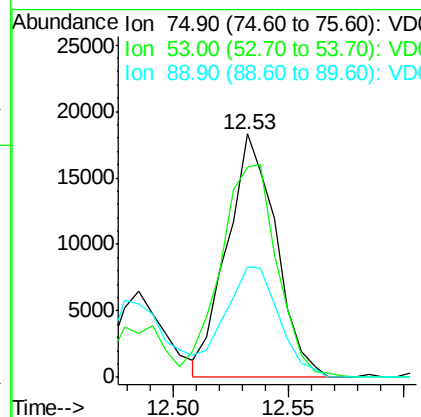
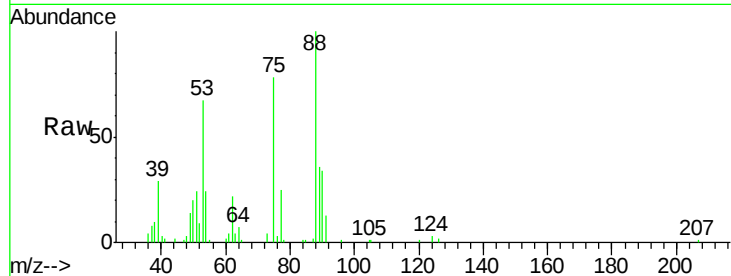
#81
trans-1,4-Dichloro-2-butene
Concen: 47.720 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	75.9	113.9
89	50.7	44.6	67.0

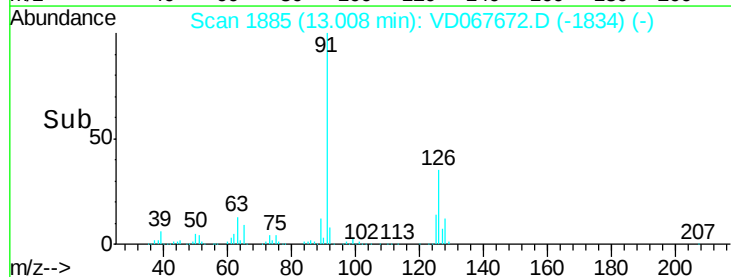
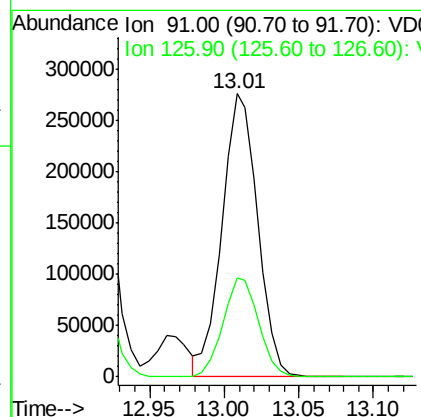
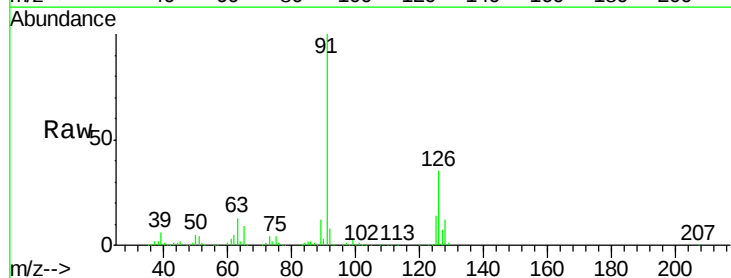
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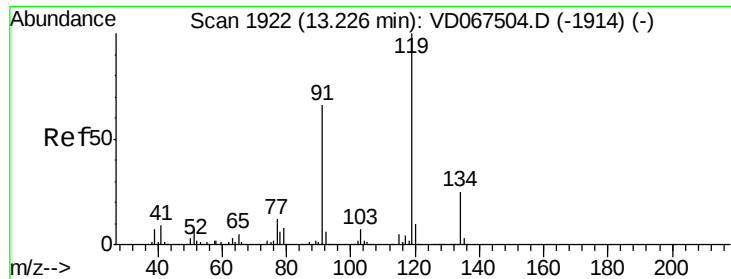
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#82
4-Chlorotoluene
Concen: 53.593 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.9	53.7





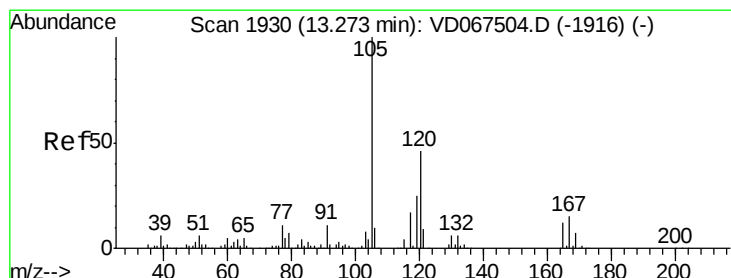
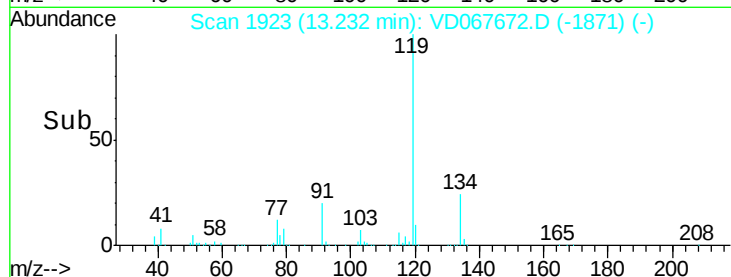
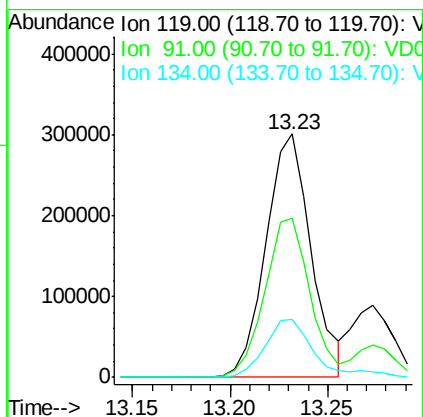
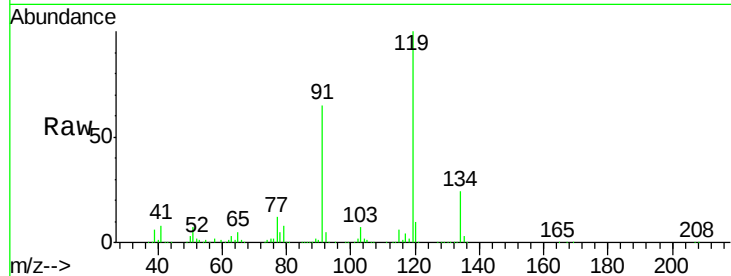
#83
tert-Butylbenzene
Concen: 54.156 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.7	98.1
134	26.4	13.4	40.2

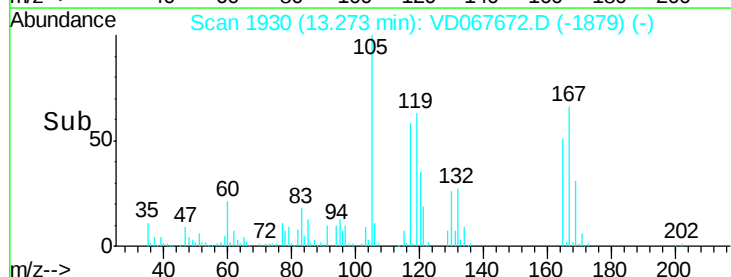
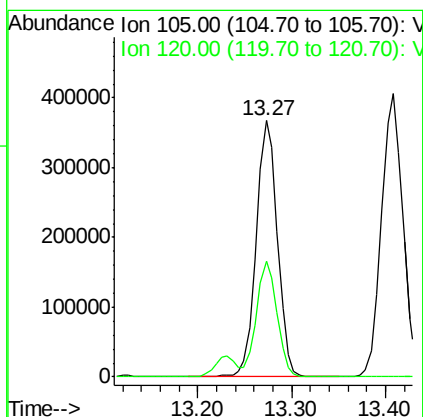
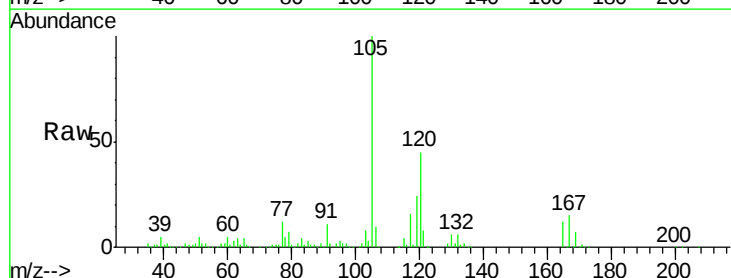
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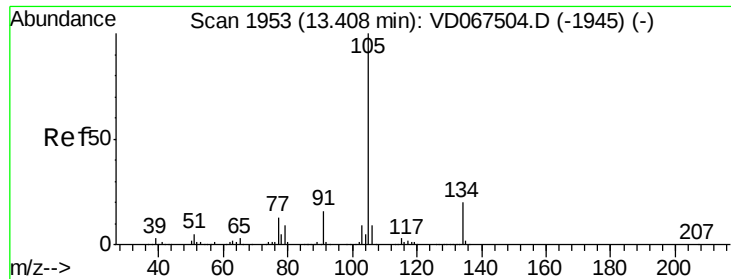
MMDadoda
11/18/2020 10:50:21 AM



#84
1,2,4-Trimethylbenzene
Concen: 54.831 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.1





#85

sec-Butylbenzene

Concen: 53.077 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 638710

Ion Ratio Lower Upper

105 100

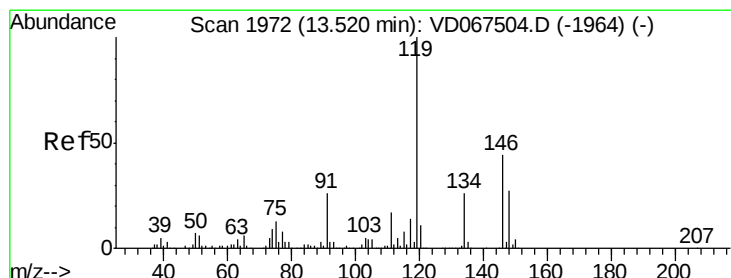
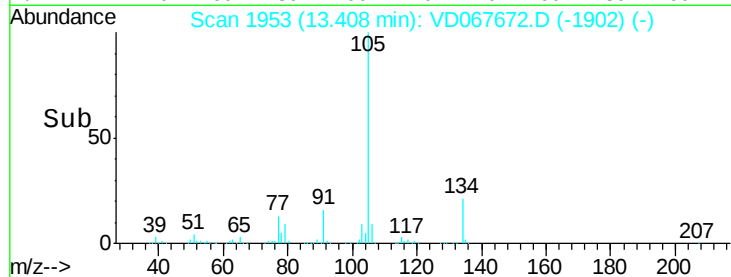
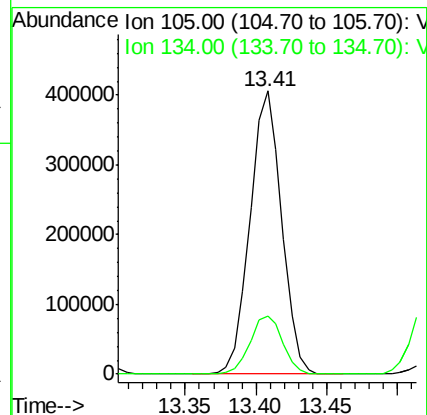
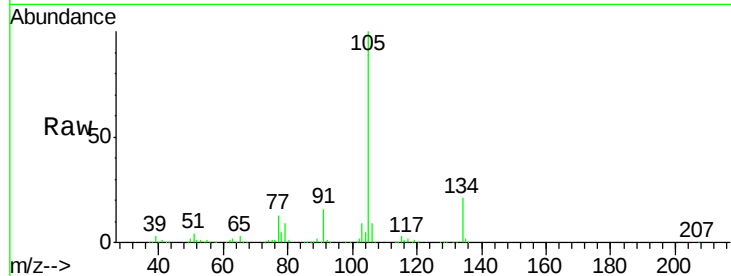
134 21.3 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 52.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067672.D

Acq: 17 Nov 2020 19:36

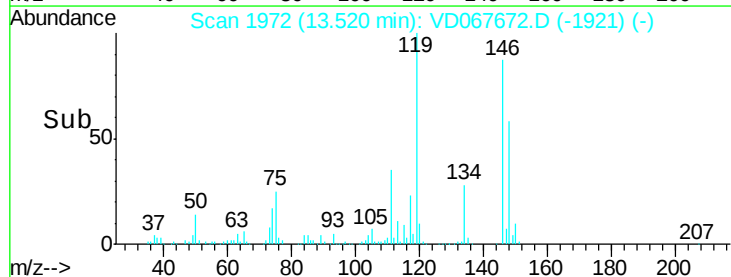
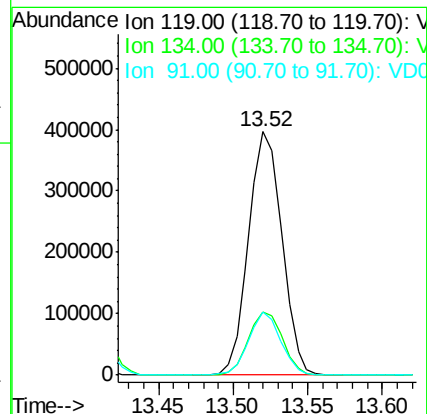
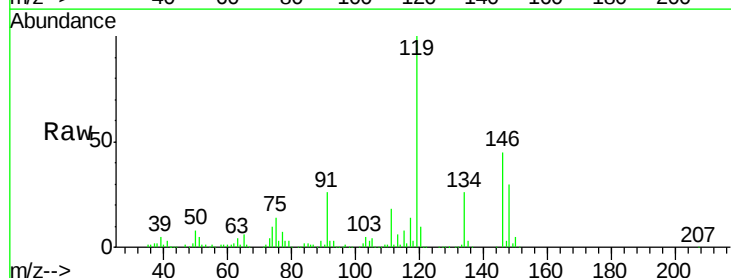
Tgt Ion:119 Resp: 613740

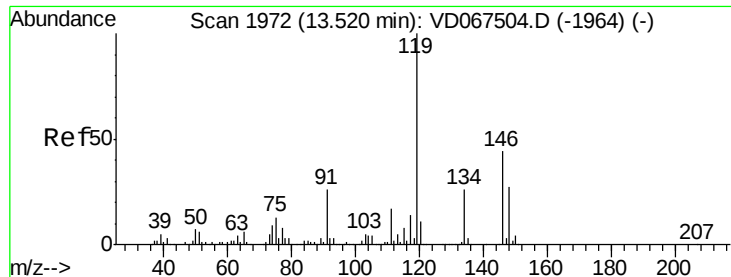
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.9 12.2 36.4





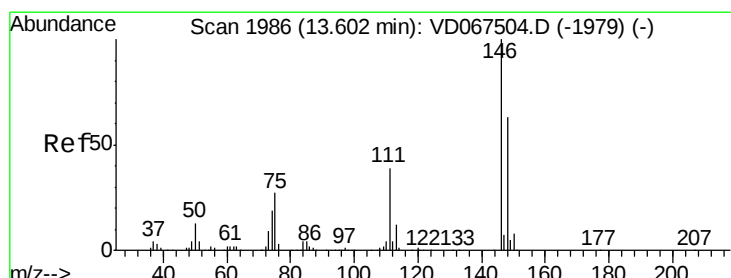
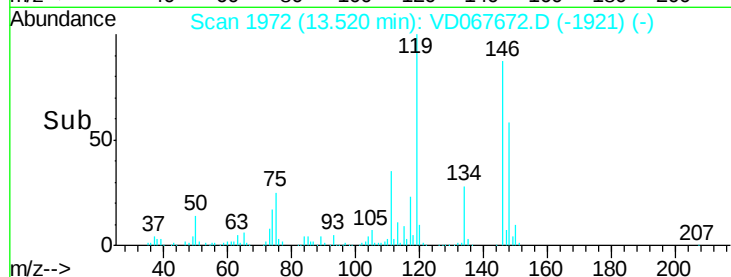
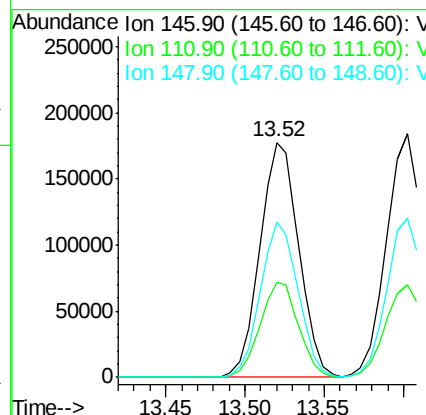
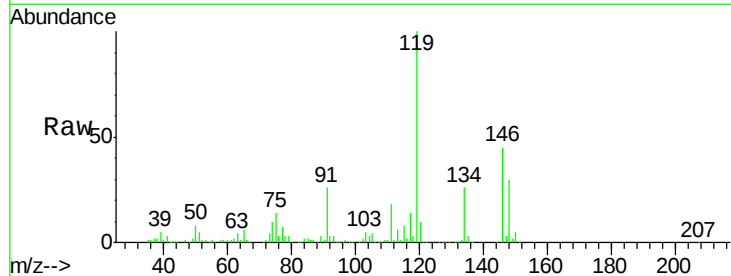
#87
 1,3-Dichlorobenzene
 Concen: 52.221 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.4	31.9	95.9

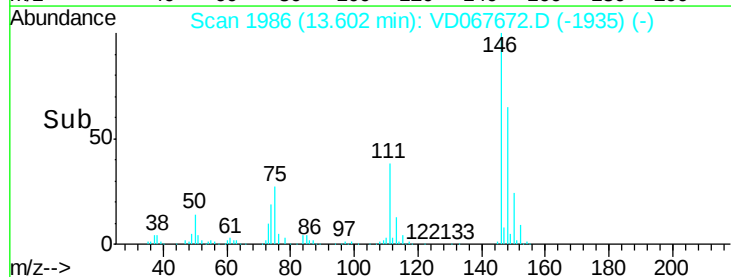
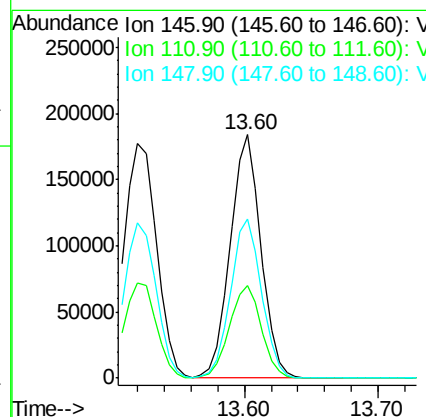
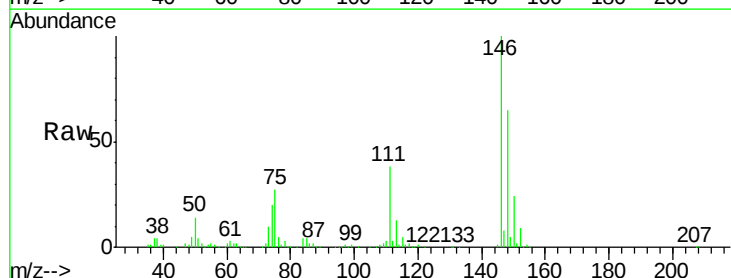
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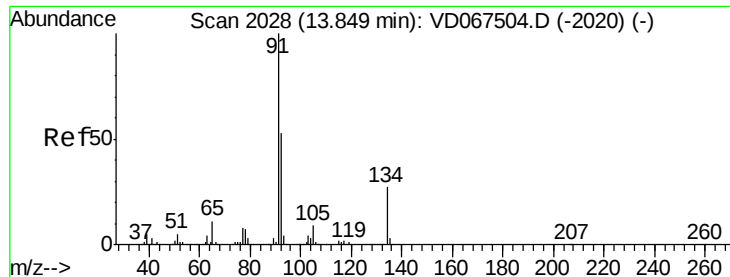
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#88
 1,4-Dichlorobenzene
 Concen: 50.599 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	65.9	31.8	95.4





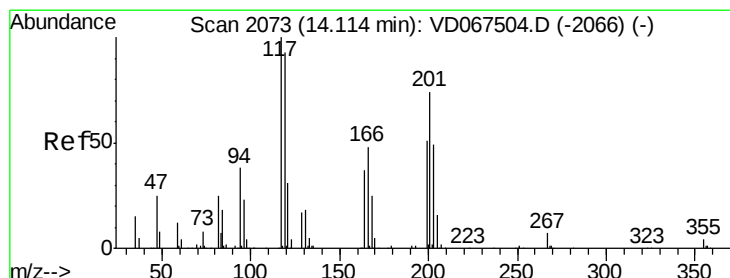
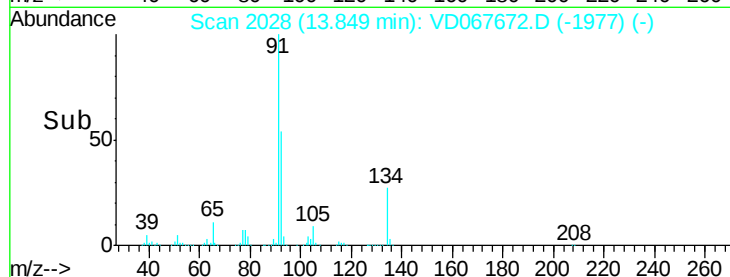
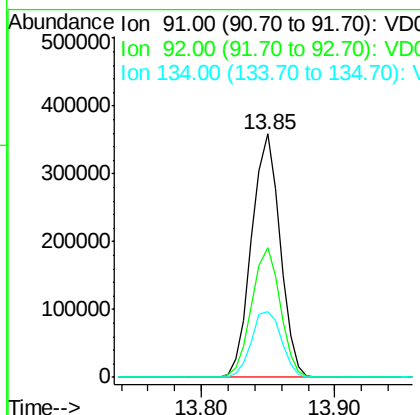
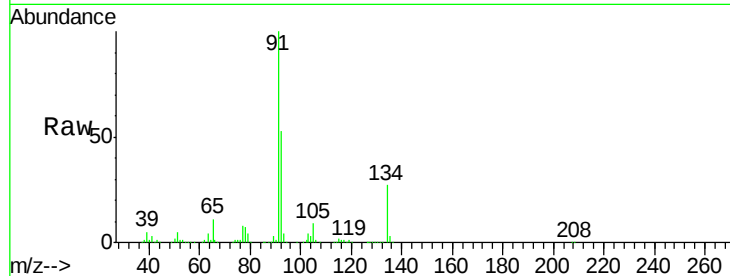
#89
n-Butylbenzene
Concen: 52.620 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		528161		
92	53.7	26.6	79.8		
134	28.8	14.1	42.2		

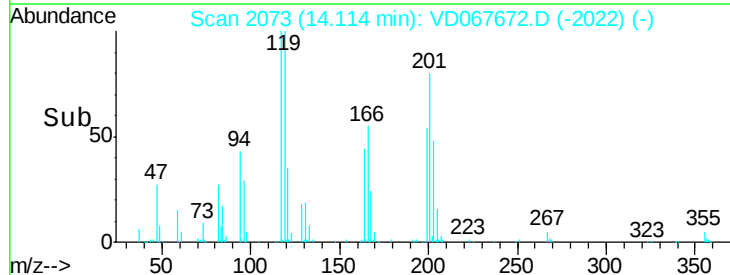
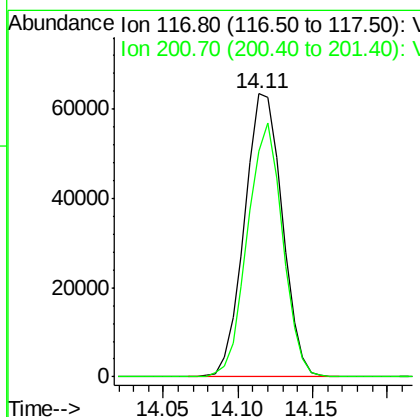
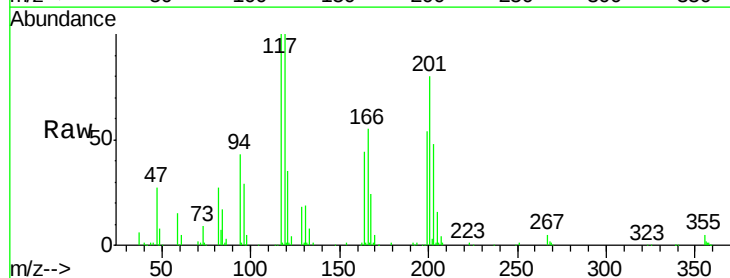
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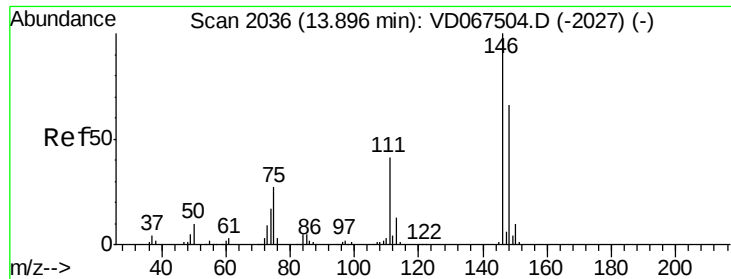
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#90
Hexachloroethane
Concen: 50.742 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		111039		
201	83.3	40.7	122.1		





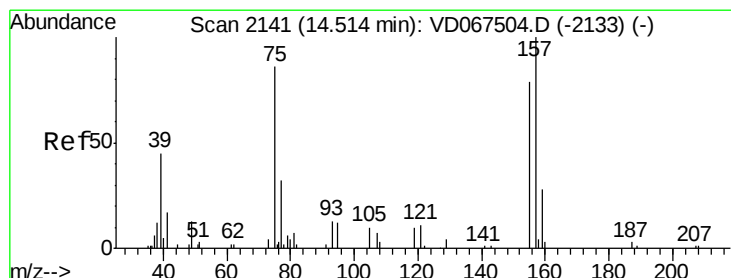
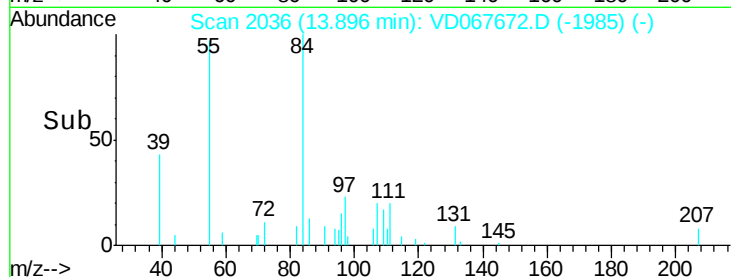
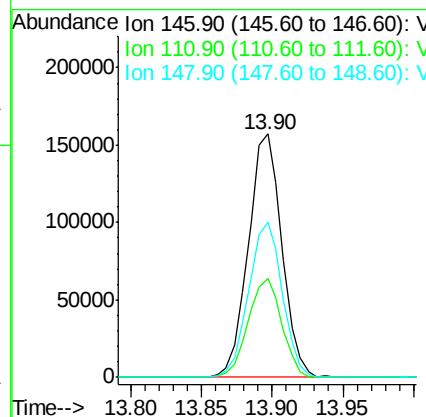
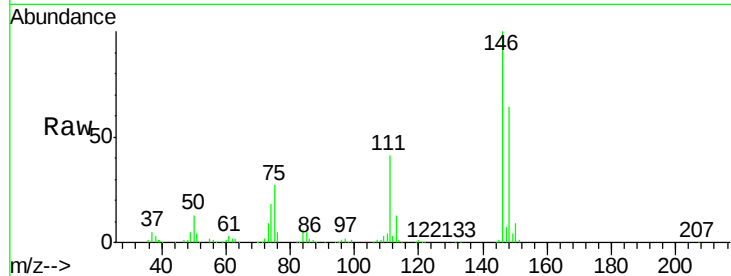
#91
 1,2-Dichlorobenzene
 Concen: 52.362 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.7	62.1
148	64.3	31.5	94.5

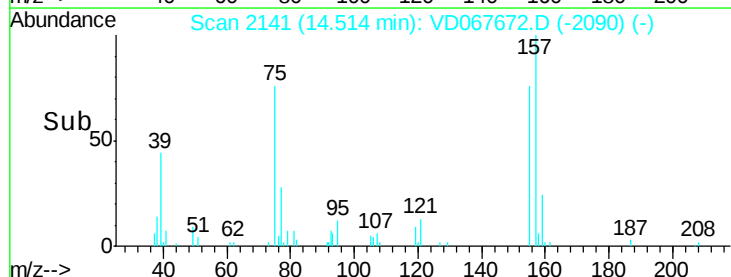
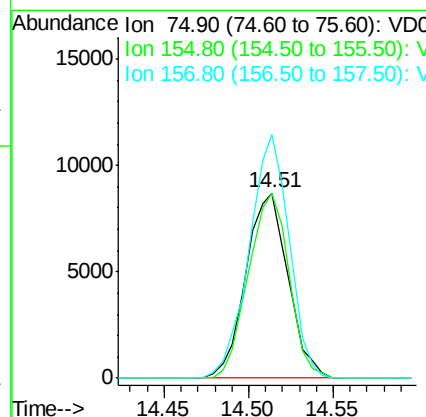
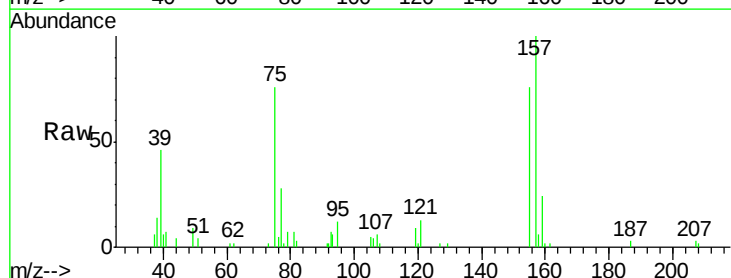
Manual Integrations
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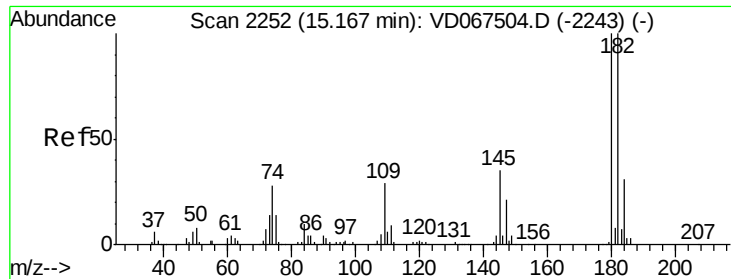
MMDadoda
 11/18/2020 10:50:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.770 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	46.6	139.8
157	124.4	58.1	174.2





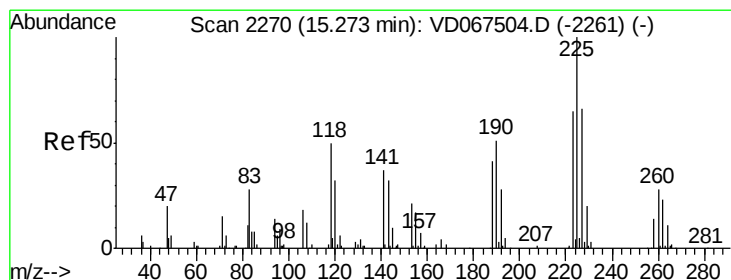
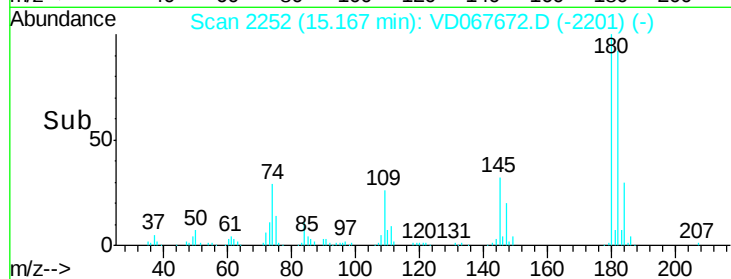
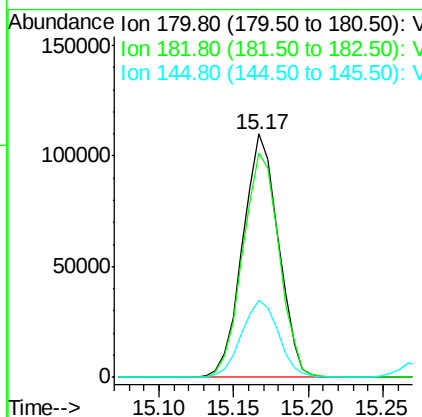
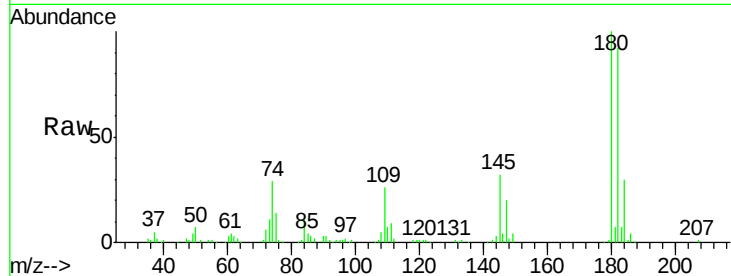
#93
 1,2,4-Trichlorobenzene
 Concen: 53.732 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182110		
182	94.2	47.4	142.3	
145	32.8	16.2	48.6	

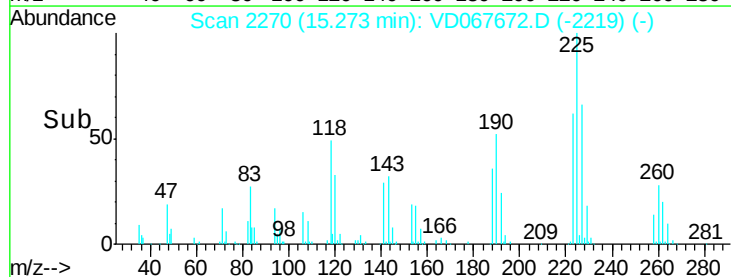
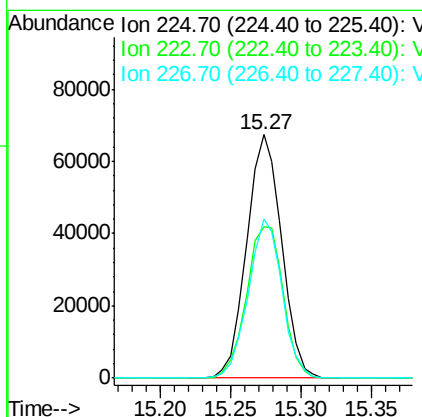
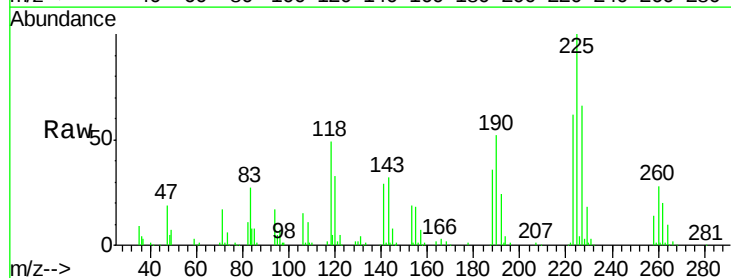
Manual Integrations
 APPROVED

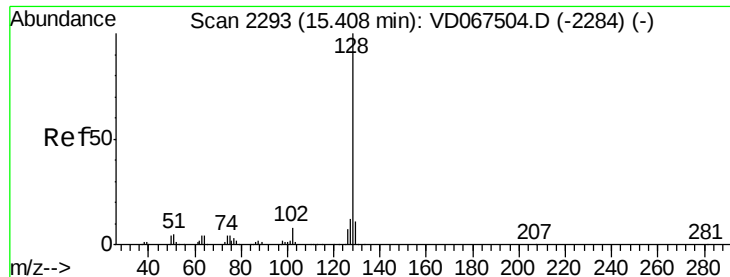
MMDadoda
 11/18/2020 10:50:21 AM



#94
 Hexachlorobutadiene
 Concen: 51.657 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD067672.D
 Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117174		
223	65.3	31.9	95.5	
227	63.2	32.5	97.4	





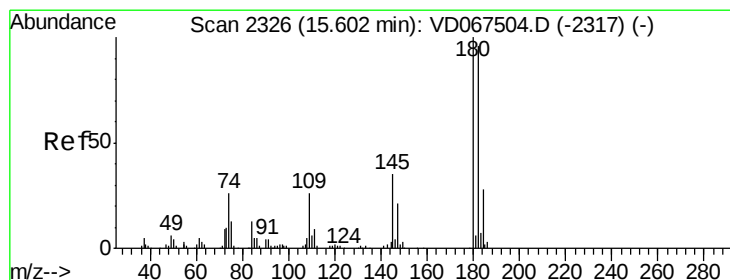
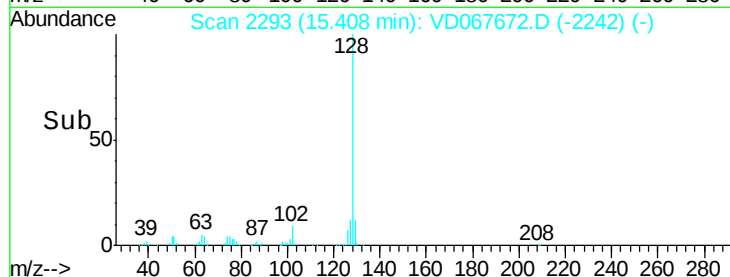
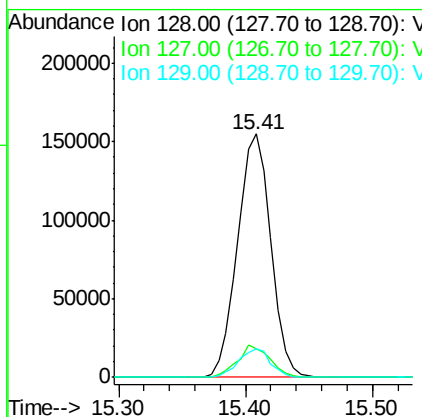
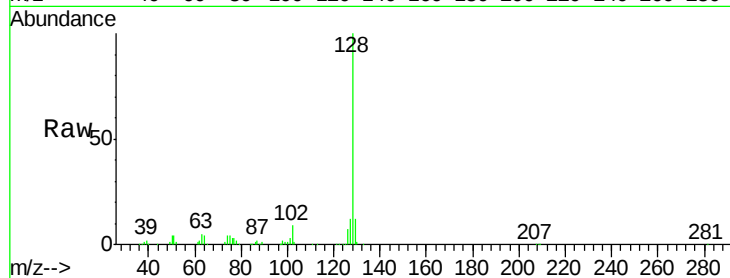
#95
Naphthalene
Concen: 53.925 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.4	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/18/2020 10:50:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.979 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067672.D
Acq: 17 Nov 2020 19:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.8
145	33.1	17.1	51.2

