

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067649.D
 Acq On : 16 Nov 2020 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:58:00 PM

Quant Time: Nov 17 01:50:27 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	265509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	400974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	370502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	189760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	109000	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	7.92	113	114679	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.34	98	384547	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
62) 4-Bromofluorobenzene	12.64	95	142026	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	97641	44.974	ug/l	97
3) Chloromethane	2.21	50	65636	39.698	ug/l	97
4) Vinyl Chloride	2.35	62	74260	40.285	ug/l	96
5) Bromomethane	2.77	94	66292	44.370	ug/l	95
6) Chloroethane	2.93	64	52661	46.337	ug/l	91
7) Trichlorofluoromethane	3.28	101	223372	46.800	ug/l	92
8) Diethyl Ether	3.71	74	51852	53.915	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.10	101	112088	46.524	ug/l	100
10) Methyl Iodide	4.30	142	130341	50.477	ug/l	98
11) Tert butyl alcohol	5.21	59	32413	330.483	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	106331	47.982	ug/l	96
13) Acrolein	3.93	56	24816	241.868	ug/l	99
14) Allyl chloride	4.72	41	112217	47.314	ug/l	94
15) Acrylonitrile	5.42	53	90333	254.093	ug/l	98
16) Acetone	4.16	43	82688	238.011	ug/l	97
17) Carbon Disulfide	4.41	76	295577	43.527	ug/l	100
18) Methyl Acetate	4.73	43	44730	62.306	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	237497	54.332	ug/l	94
20) Methylene Chloride	4.97	84	121600	49.550	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	125555	48.643	ug/l	99
22) Diisopropyl ether	6.37	45	232407	50.284	ug/l	97
23) Vinyl Acetate	6.31	43	620361	256.418	ug/l	98
24) 1,1-Dichloroethane	6.27	63	185899	49.165	ug/l	99
25) 2-Butanone	7.22	43	94668	255.019	ug/l	98
26) 2,2-Dichloropropane	7.21	77	197989	49.614	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	139673	52.134	ug/l	99
28) Bromochloromethane	7.55	49	66986	49.805	ug/l	98
29) Tetrahydrofuran	7.57	42	57405	258.160	ug/l	95
30) Chloroform	7.71	83	236624	52.456	ug/l	100
31) Cyclohexane	7.99	56	141319	41.970	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	232927	50.046	ug/l	100
36) 1,1-Dichloropropene	8.11	75	159470	46.462	ug/l	99
37) Ethyl Acetate	7.29	43	44438	49.870	ug/l	98
38) Carbon Tetrachloride	8.10	117	222183	49.823	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	172082	42.598	ug/l	99
40) Benzene	8.36	78	460789	49.562	ug/l	98
41) Methacrylonitrile	7.54	41	28516m	53.537	ug/l	
42) 1,2-Dichloroethane	8.43	62	151276	52.663	ug/l	98
43) Isopropyl Acetate	8.46	43	87235	49.501	ug/l	98
44) Trichloroethene	9.11	130	147600	48.283	ug/l	96
45) 1,2-Dichloropropane	9.40	63	98213	48.859	ug/l	91
46) Dibromomethane	9.48	93	64480	50.450	ug/l	96
47) Bromodichloromethane	9.67	83	178950	51.513	ug/l	93
48) Methyl methacrylate	9.46	41	45023	49.481	ug/l	89
49) 1,4-Dioxane	9.46	88	14373	1107.762	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	219519	260.458	ug/l	98
52) Toluene	10.41	92	319113	51.245	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	159282	53.536	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	178546	50.510	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	89520	52.937	ug/l	95
56) Ethyl methacrylate	10.67	69	93055	53.287	ug/l	98
57) 1,3-Dichloropropane	10.95	76	138660	50.955	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	219433	269.455	ug/l	99
59) 2-Hexanone	10.99	43	153852	261.076	ug/l	99
60) Dibromochloromethane	11.14	129	131962	52.752	ug/l	99
61) 1,2-Dibromoethane	11.25	107	86630	51.042	ug/l	99
64) Tetrachloroethene	10.88	164	130212	47.455	ug/l	98
65) Chlorobenzene	11.67	112	349056	48.909	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	146231	51.986	ug/l	99
67) Ethyl Benzene	11.75	91	605526	49.582	ug/l	100
68) m/p-Xylenes	11.86	106	469226	98.759	ug/l	100
69) o-Xylene	12.18	106	217468	51.265	ug/l	99
70) Styrene	12.20	104	372295	50.366	ug/l	98
71) Bromoform	12.37	173	75889	52.899	ug/l	# 98
73) Isopropylbenzene	12.48	105	580045	47.297	ug/l	99
74) N-amyl acetate	12.29	43	77817	48.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	82740	49.476	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	52561m	45.915	ug/l	
77) Bromobenzene	12.77	156	149319	49.577	ug/l	97
78) n-propylbenzene	12.83	91	642651	45.813	ug/l	99
79) 2-Chlorotoluene	12.91	91	391488	49.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	504623	48.168	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	27182	48.209	ug/l	96
82) 4-Chlorotoluene	13.01	91	418152	48.929	ug/l	100
83) tert-Butylbenzene	13.23	119	412190	46.424	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	498188	47.773	ug/l	98
85) sec-Butylbenzene	13.41	105	518101	43.226	ug/l	100
86) p-Isopropyltoluene	13.52	119	507193	43.820	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	275336	47.909	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	276800	47.566	ug/l	100
89) n-Butylbenzene	13.85	91	412304	41.240	ug/l	99
90) Hexachloroethane	14.12	117	93851	43.057	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	238934	48.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	15255	51.522	ug/l	96

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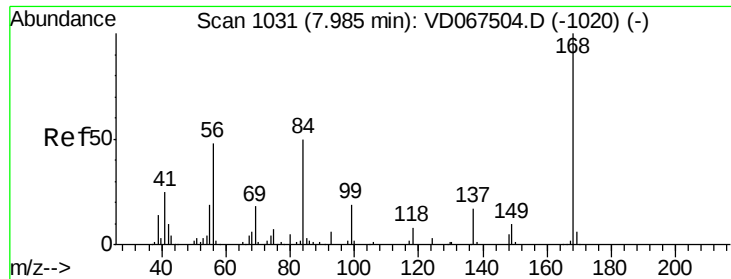
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	154908	45.887	ug/l	98
94) Hexachlorobutadiene	15.27	225	84504	37.402	ug/l	99
95) Naphthalene	15.41	128	268453	51.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	130999	45.315	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: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 265509

Ion Ratio Lower Upper

168 100

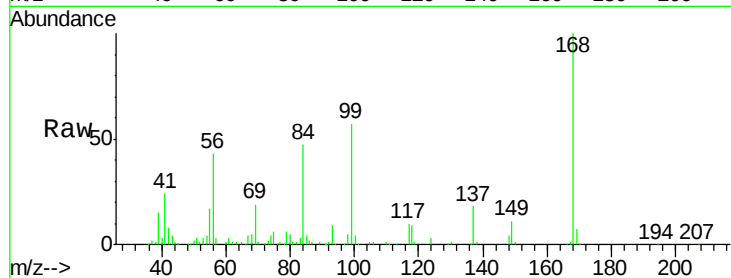
99 56.0 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

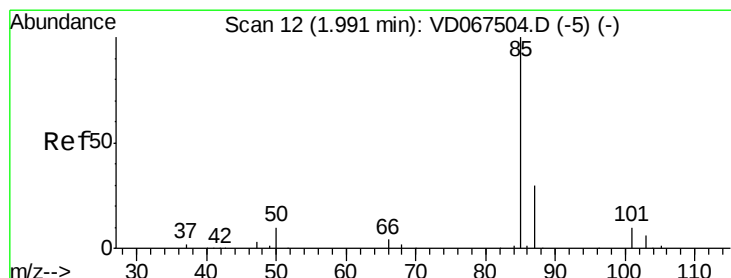
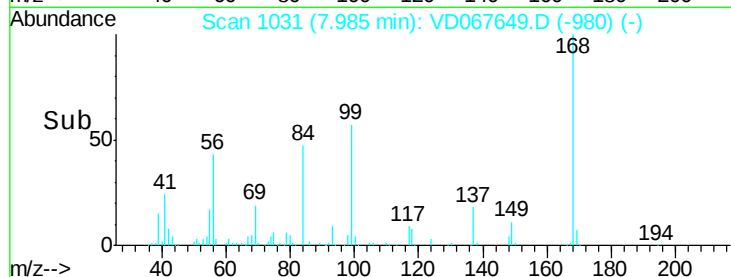
7.98

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.974 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD067649.D

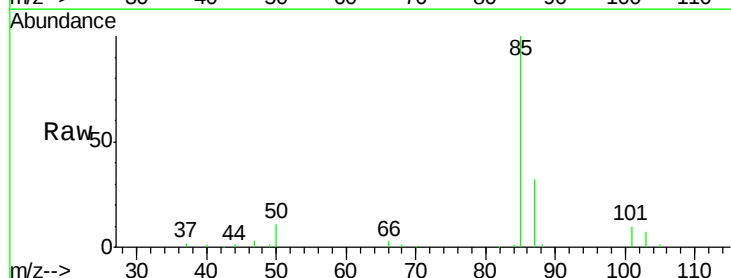
Acq: 16 Nov 2020 19:02

Tgt Ion: 85 Resp: 97641

Ion Ratio Lower Upper

85 100

87 31.9 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

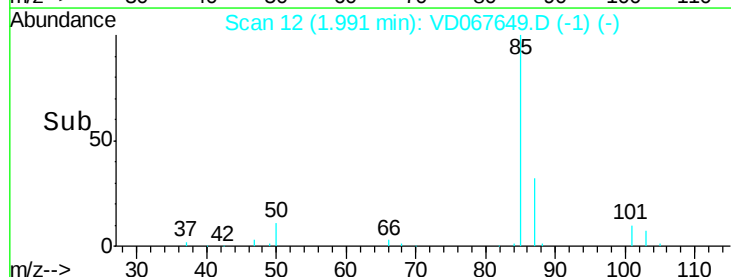
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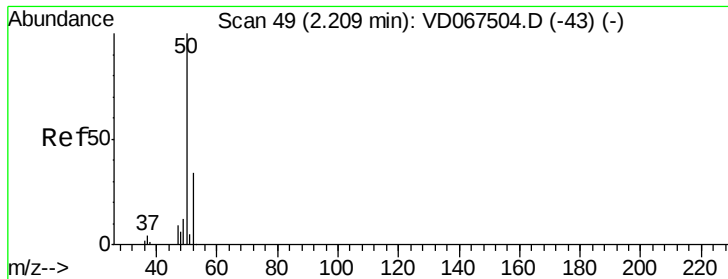
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20000

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Time-->





#3

Chloromethane

Concen: 39.698 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 65636

Ion Ratio Lower Upper

50 100

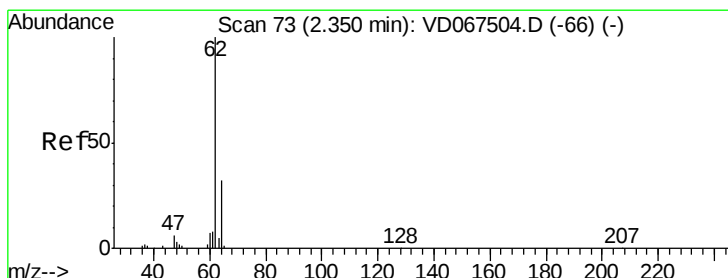
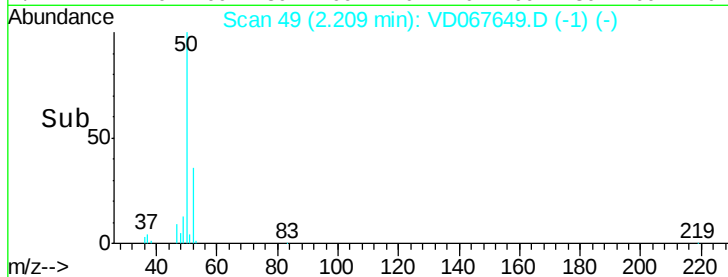
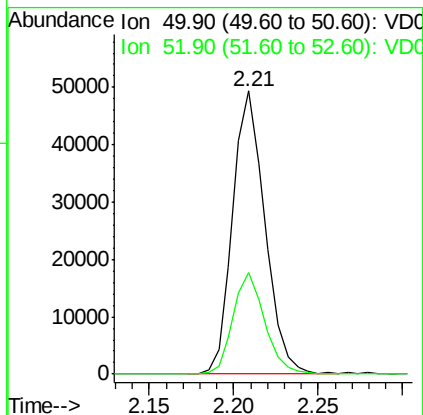
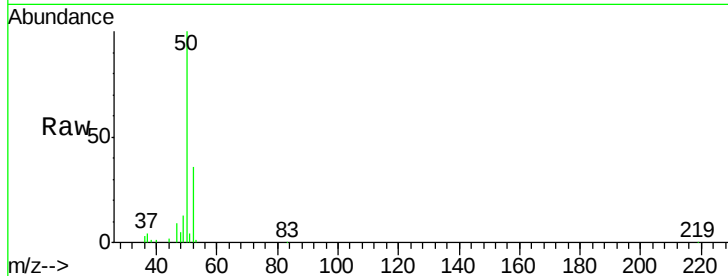
52 35.7 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.285 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067649.D

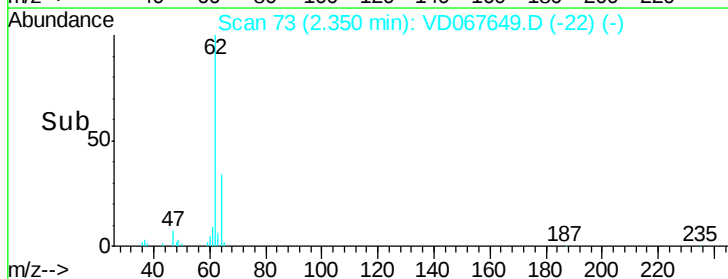
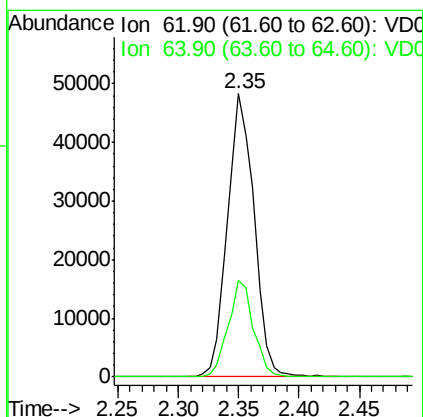
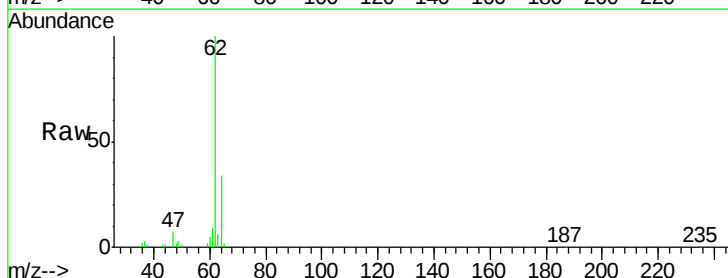
Acq: 16 Nov 2020 19:02

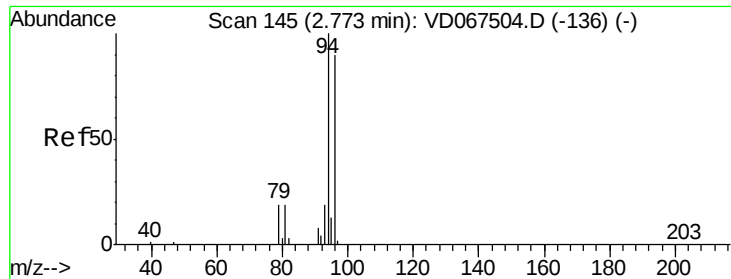
Tgt Ion: 62 Resp: 74260

Ion Ratio Lower Upper

62 100

64 34.1 25.6 38.4





#5

Bromomethane

Concen: 44.370 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 66292

Ion Ratio Lower Upper

94 100

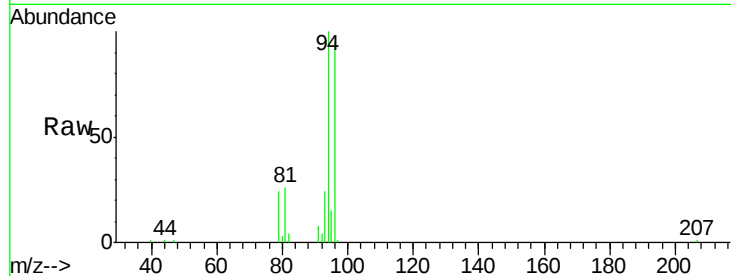
96 94.7 72.2 108.2

Manual Integrations

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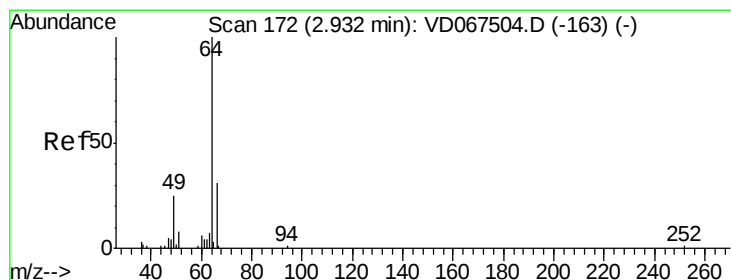
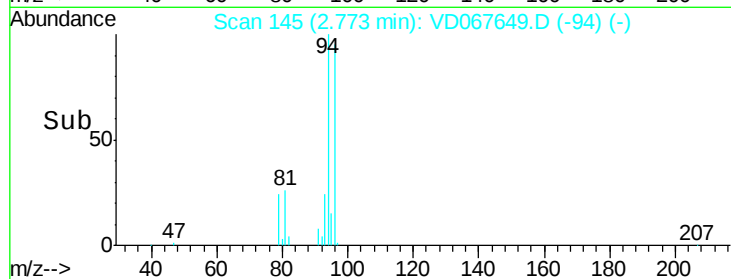
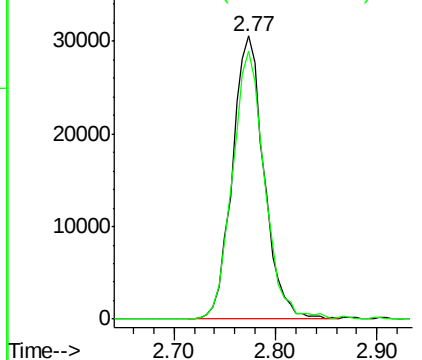
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 46.337 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067649.D

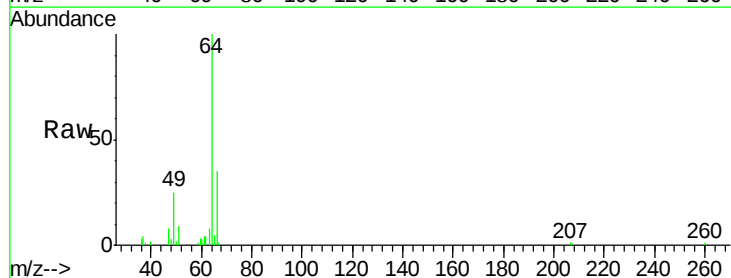
Acq: 16 Nov 2020 19:02

Tgt Ion: 64 Resp: 52661

Ion Ratio Lower Upper

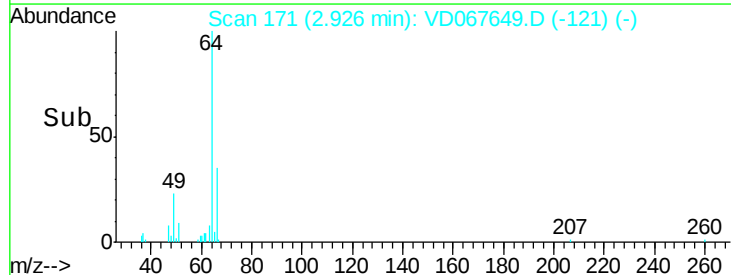
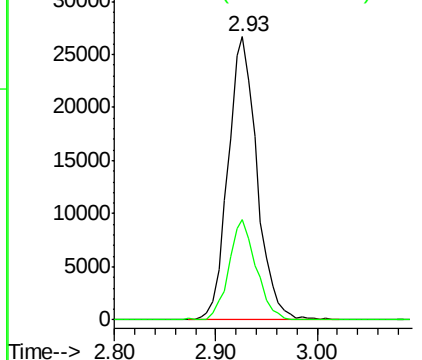
64 100

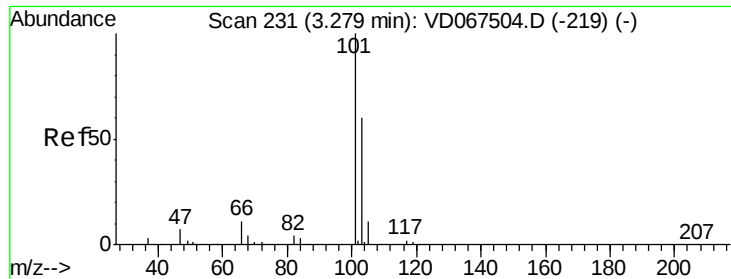
66 35.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

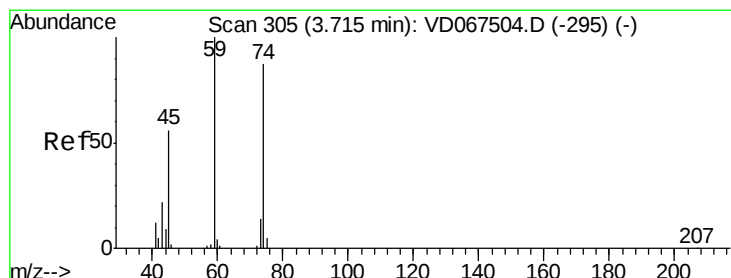
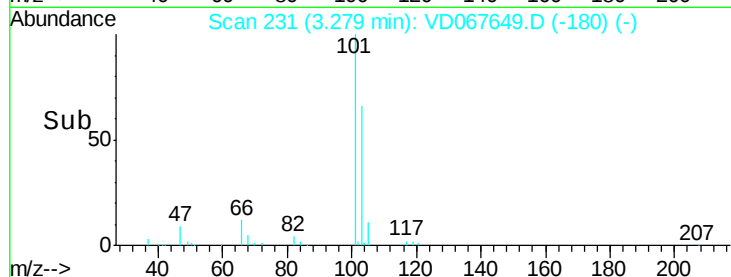
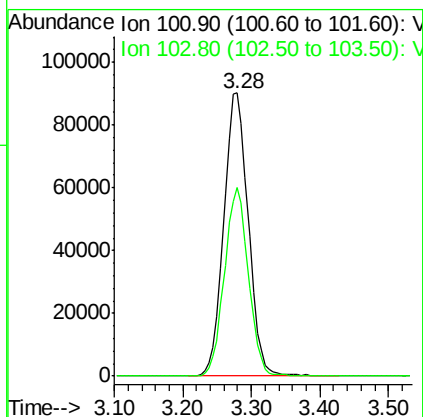
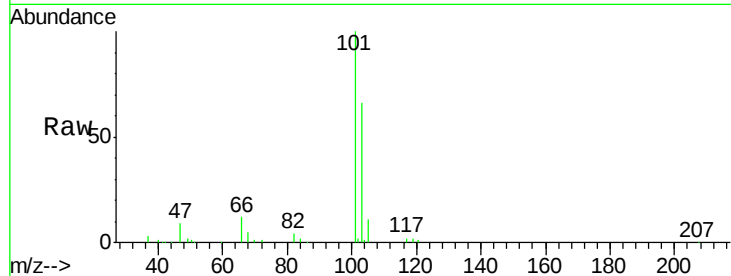
Trichlorofluoromethane
Concen: 46.800 ug/l
RT: 3.28 min Scan# 231
Delta R.T. -0.00 min
Lab File: VD067649.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		223372		
103	66.5	48.1	72.1		

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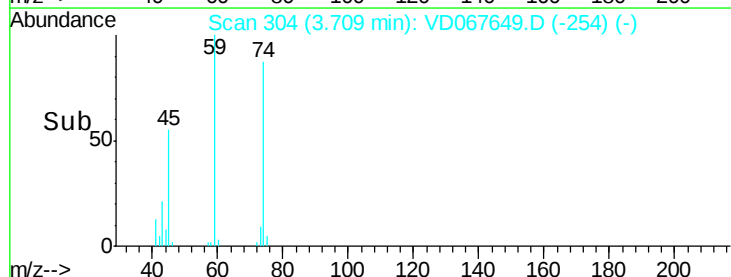
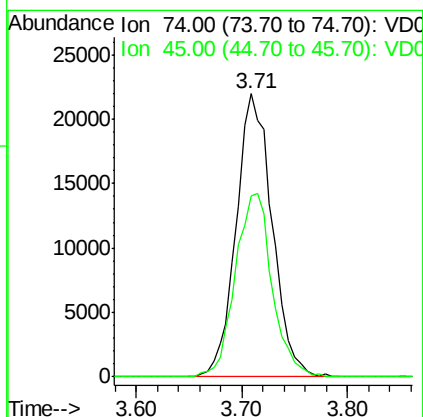
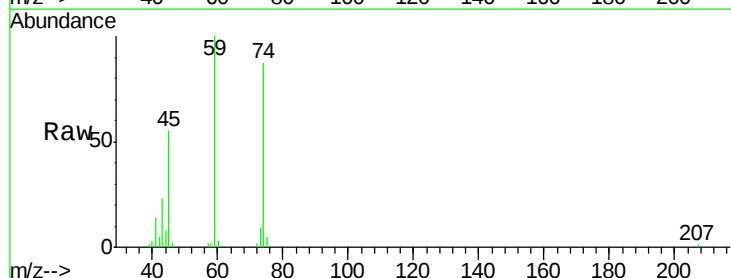
MMDadoda
11/17/2020 6:58:00 PM

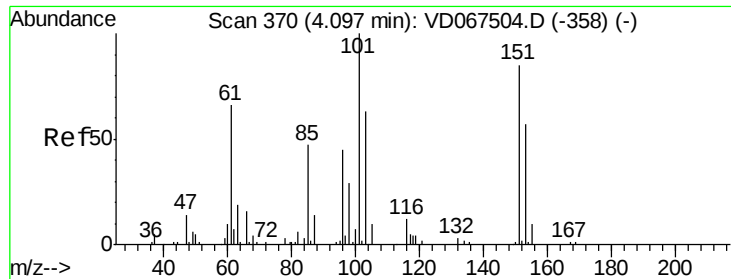


#8

Diethyl Ether
Concen: 53.915 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		51852		
45	66.2	38.2	114.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.524 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 112088

Ion Ratio Lower Upper

101 100

85 42.7 34.4 51.6

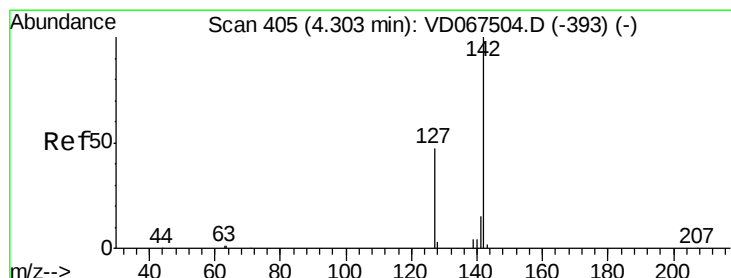
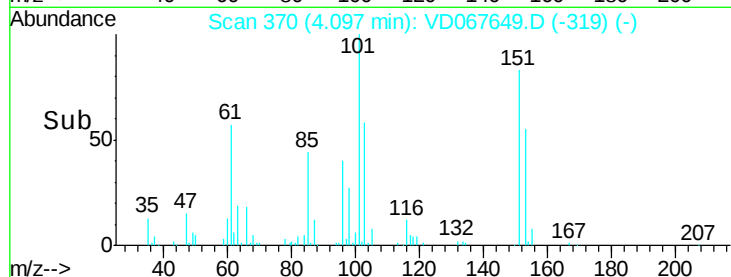
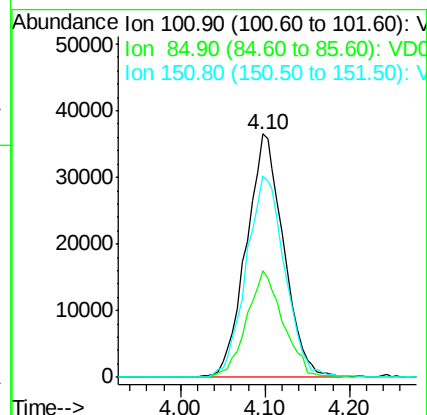
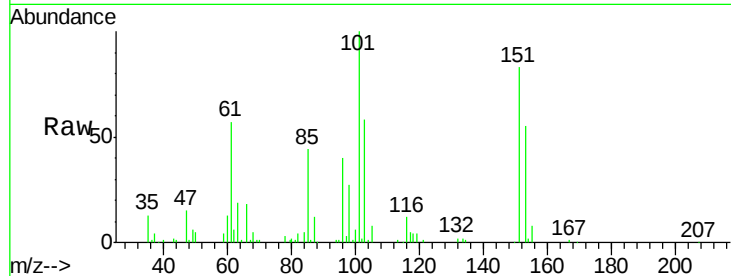
151 85.5 68.1 102.1

Manual Integrations

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#10

Methyl Iodide

Concen: 50.477 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

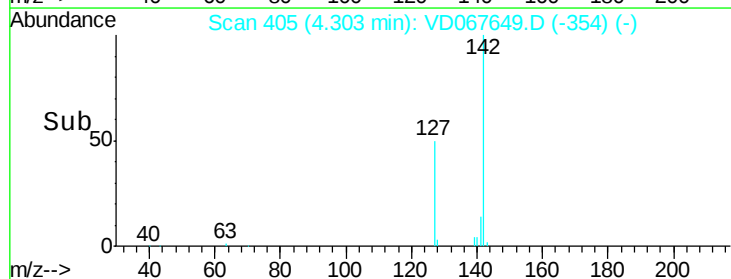
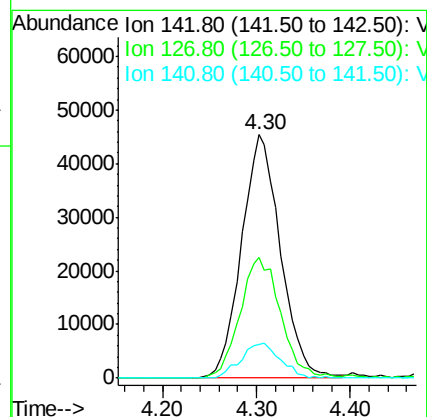
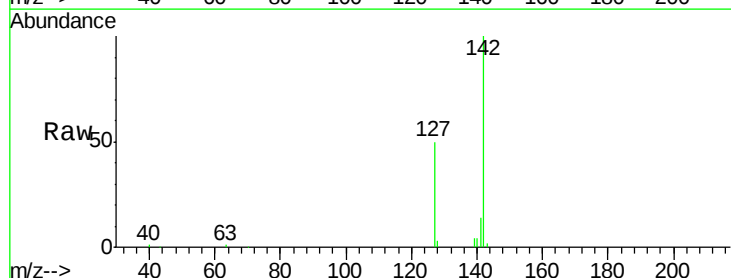
Tgt Ion:142 Resp: 130341

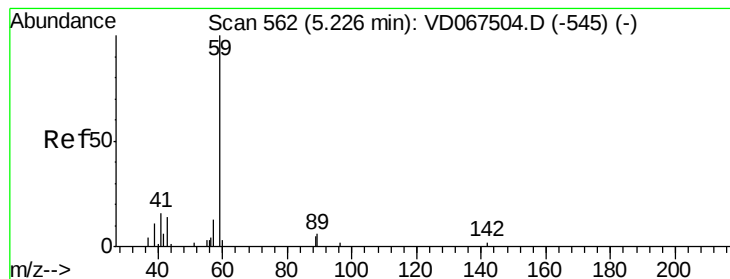
Ion Ratio Lower Upper

142 100

127 51.4 40.0 60.0

141 14.5 11.7 17.5





#11

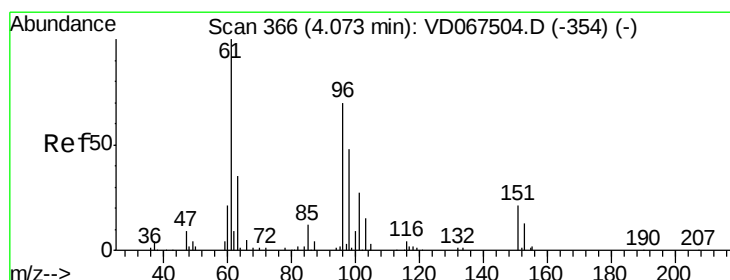
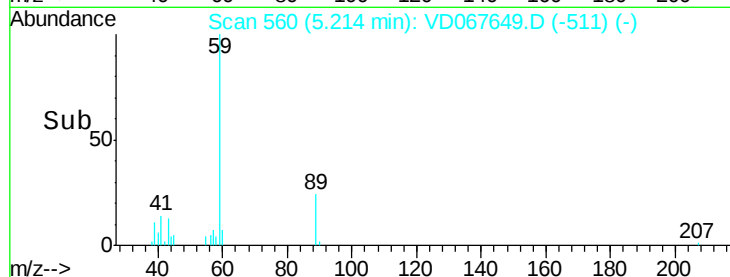
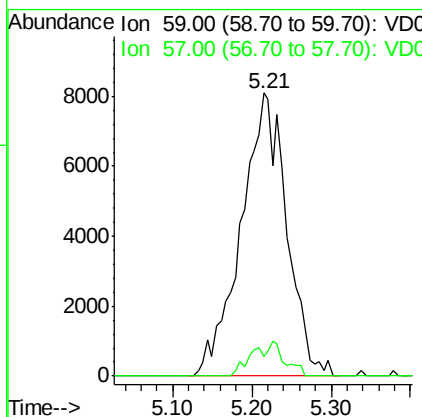
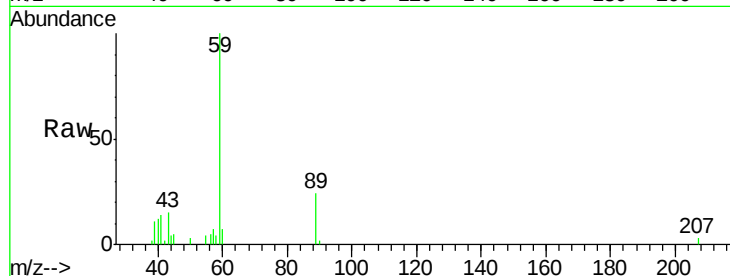
Tert butyl alcohol
Concen: 330.483 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 32413
Ion Ratio Lower Upper
59 100
57 3.9 5.9 8.9#

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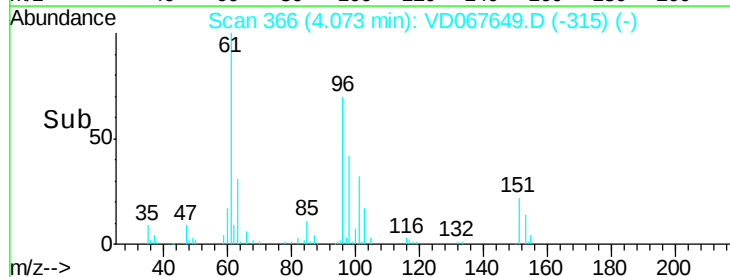
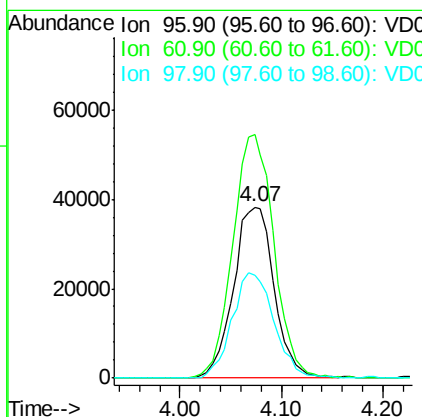
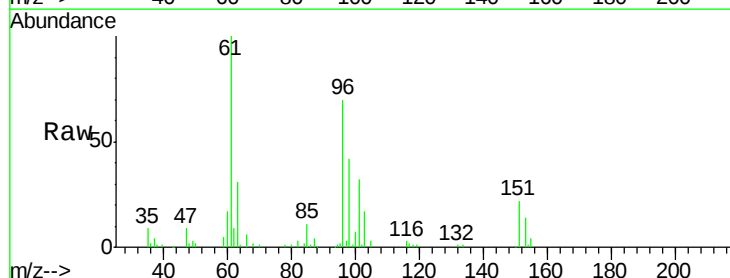
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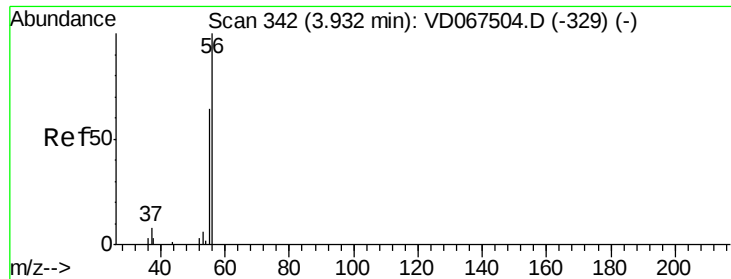


#12

1,1-Dichloroethene
Concen: 47.982 ug/l
RT: 4.07 min Scan# 366
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 96 Resp: 106331
Ion Ratio Lower Upper
96 100
61 142.3 114.5 171.7
98 60.2 54.5 81.7





#13

Acrolein

Concen: 241.868 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 24816

Ion Ratio Lower Upper

56 100

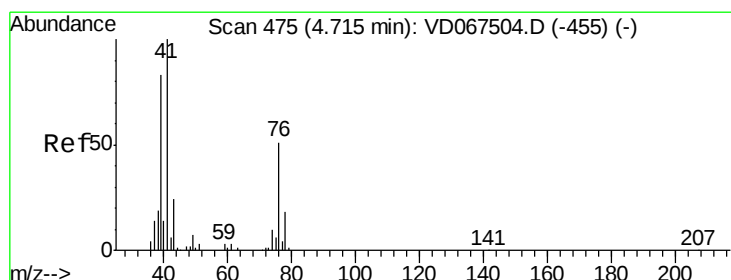
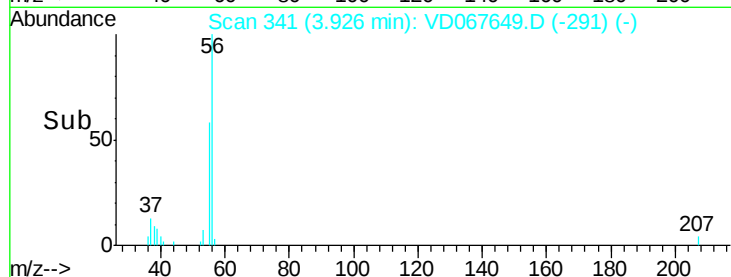
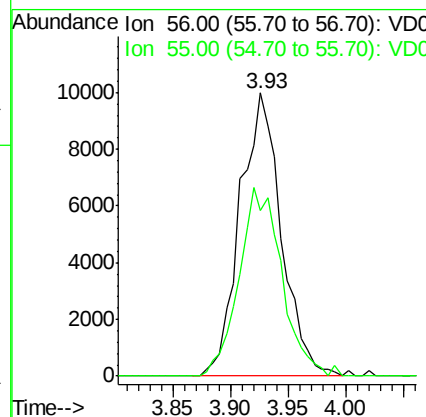
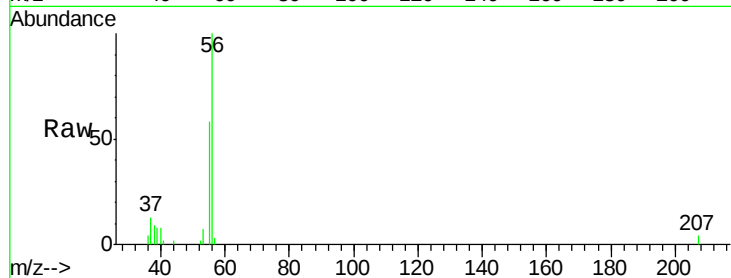
55 68.6 55.8 83.8

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#14

Allyl chloride

Concen: 47.314 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

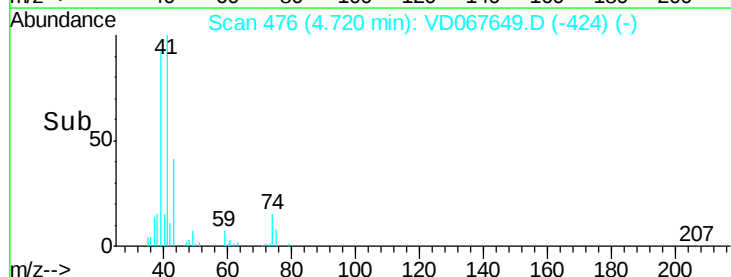
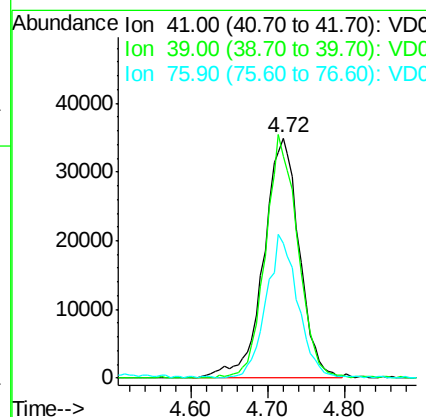
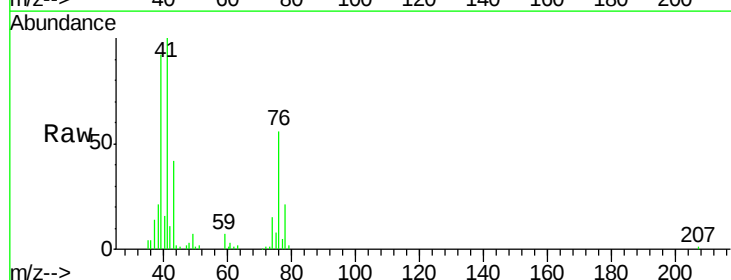
Tgt Ion: 41 Resp: 112217

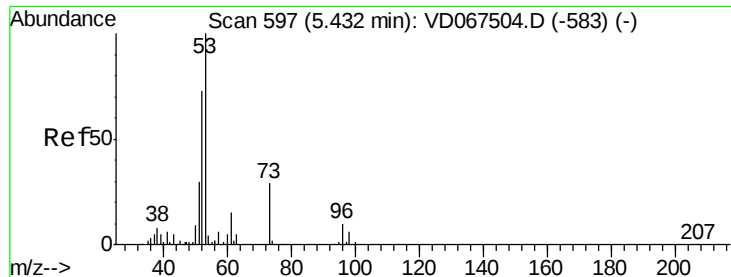
Ion Ratio Lower Upper

41 100

39 92.5 67.4 101.0

76 53.5 42.2 63.2





#15

Acrylonitrile

Concen: 254.093 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

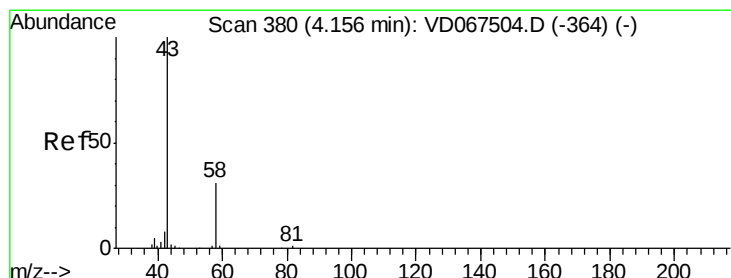
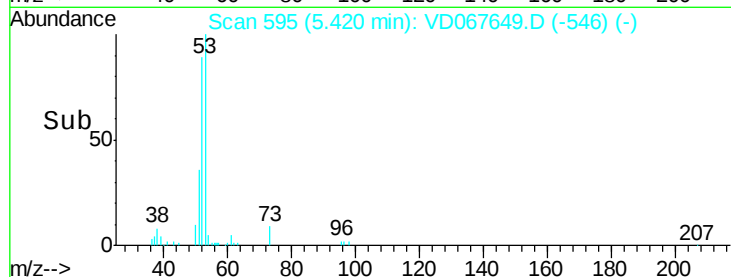
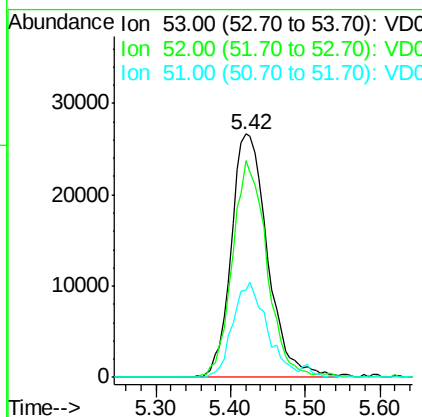
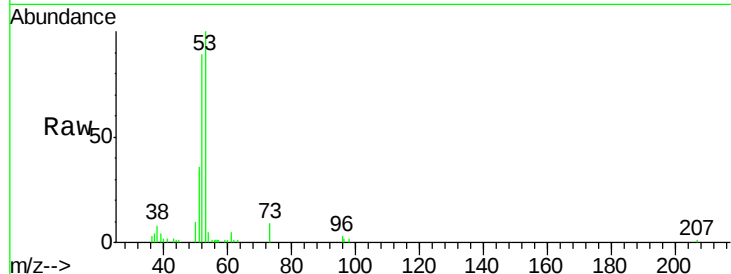
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	90333
Ion Ratio	Lower	Upper	
53	100		
52	83.8	64.8	97.2
51	36.6	29.5	44.3

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#16

Acetone

Concen: 238.011 ug/l

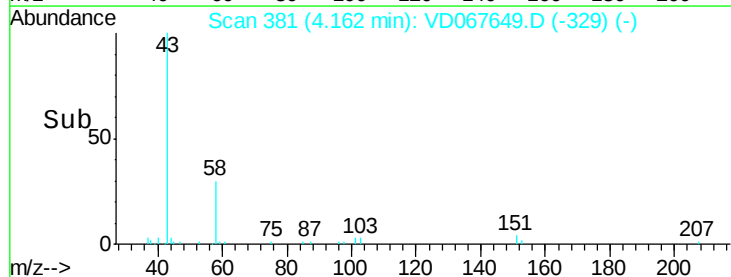
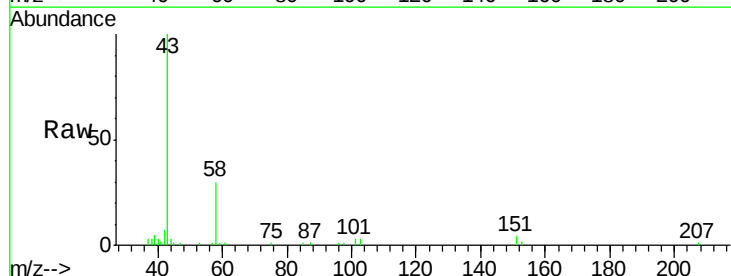
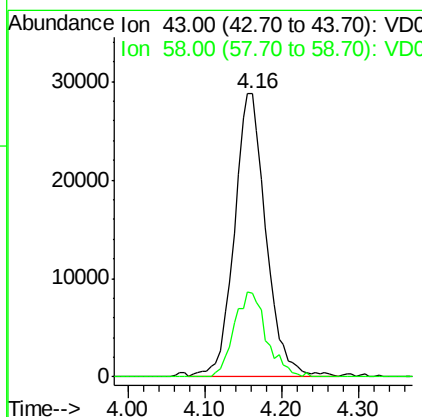
RT: 4.16 min Scan# 381

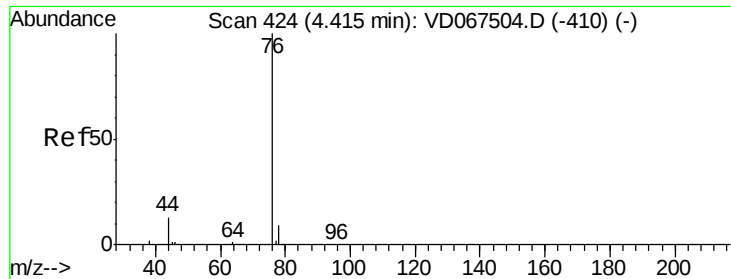
Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	43	Resp:	82688
Ion Ratio	Lower	Upper	
43	100		
58	29.7	25.2	37.8





#17

Carbon Disulfide

Concen: 43.527 ug/l

RT: 4.41 min Scan# 424

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 295577

Ion Ratio Lower Upper

76 100

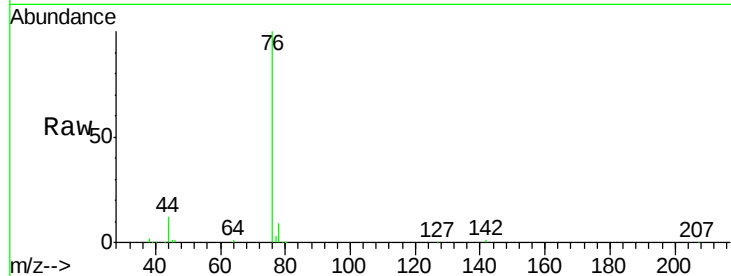
78 8.9 7.2 10.8

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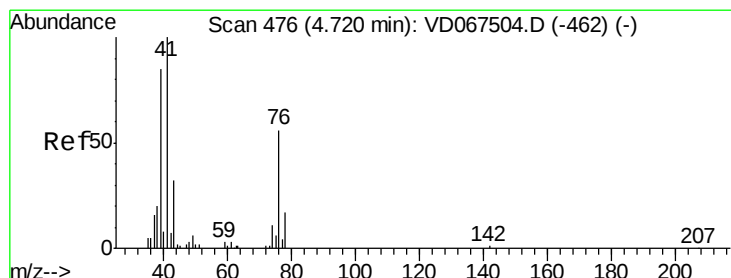
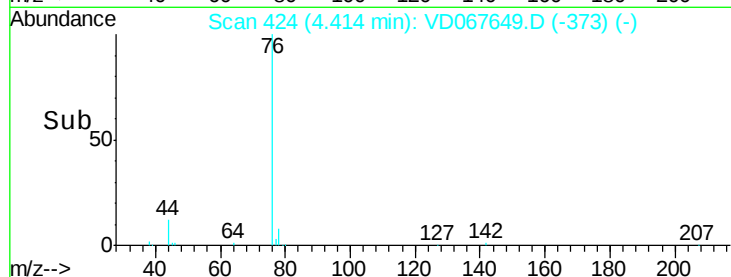
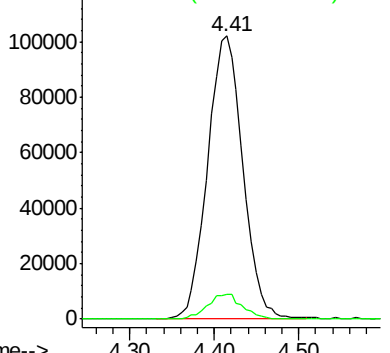
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 62.306 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD067649.D

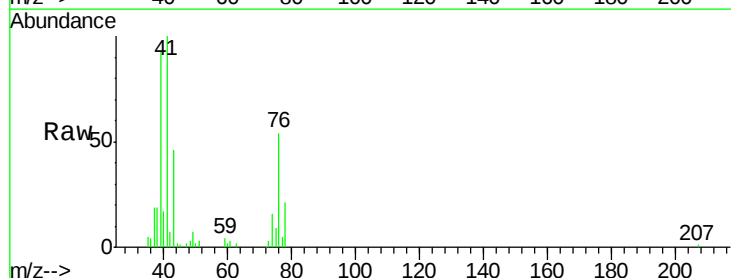
Acq: 16 Nov 2020 19:02

Tgt Ion: 43 Resp: 44730

Ion Ratio Lower Upper

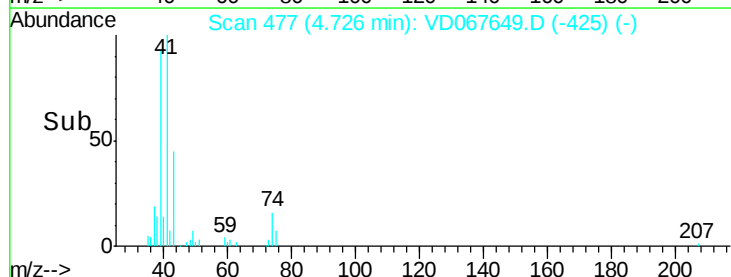
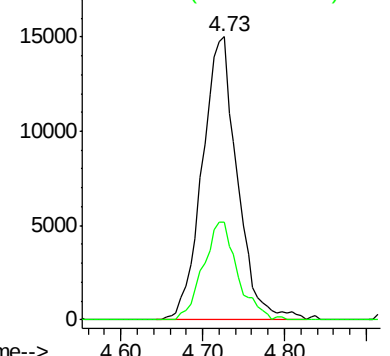
43 100

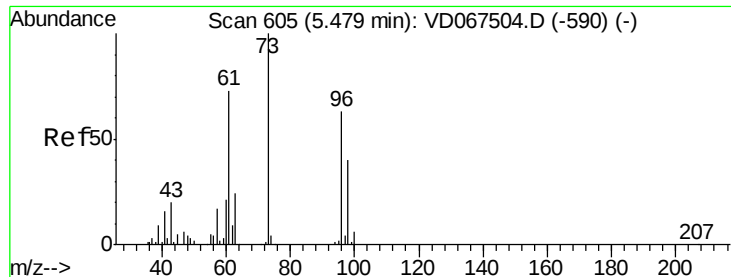
74 33.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





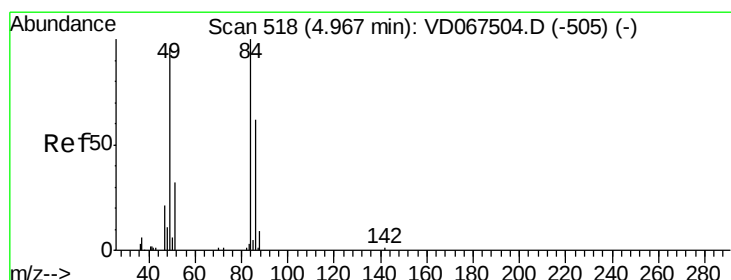
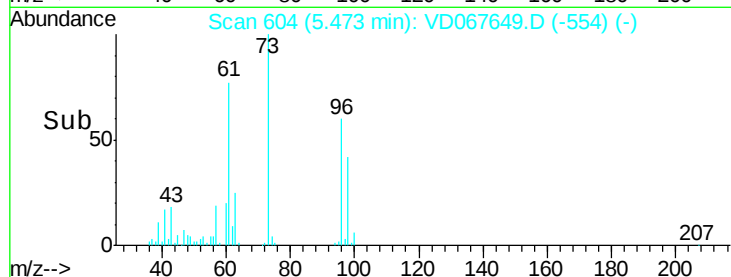
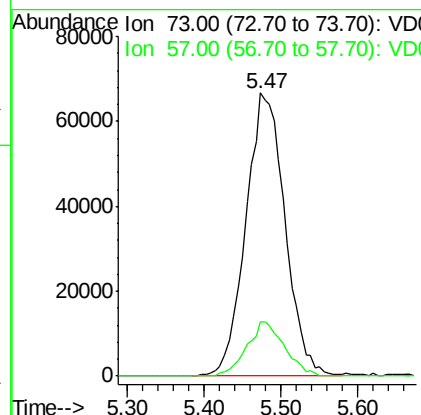
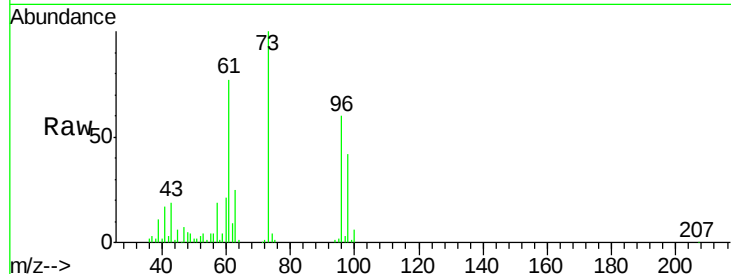
#19
Methyl tert-butyl Ether
Concen: 54.332 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 237497
Ion Ratio Lower Upper
73 100
57 19.4 13.4 20.0

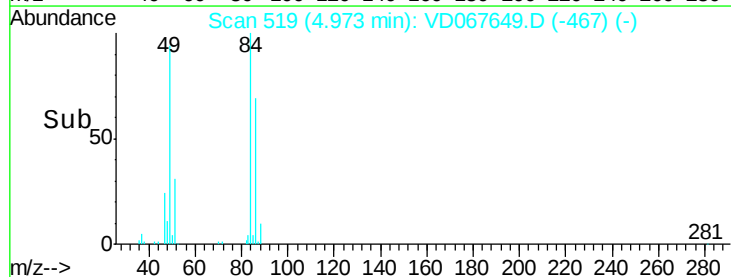
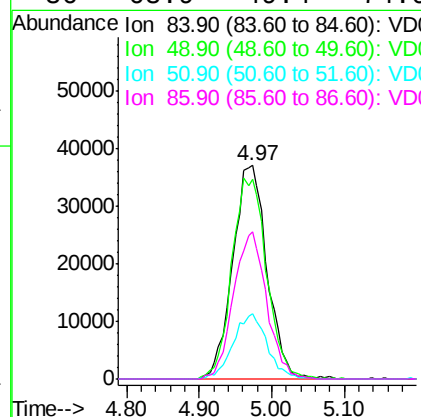
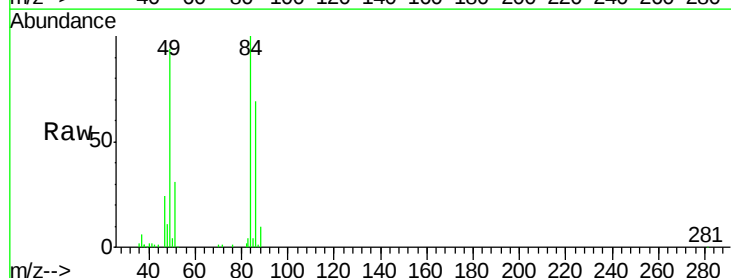
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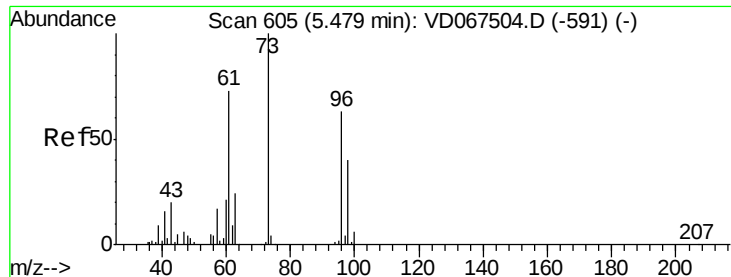
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#20
Methylene Chloride
Concen: 49.550 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 84 Resp: 121600
Ion Ratio Lower Upper
84 100
49 93.8 77.0 115.4
51 30.8 25.4 38.2
86 68.9 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 48.643 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

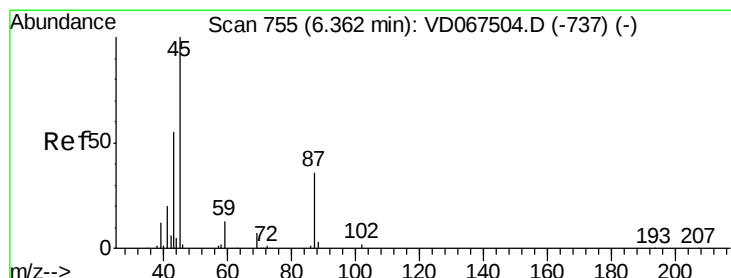
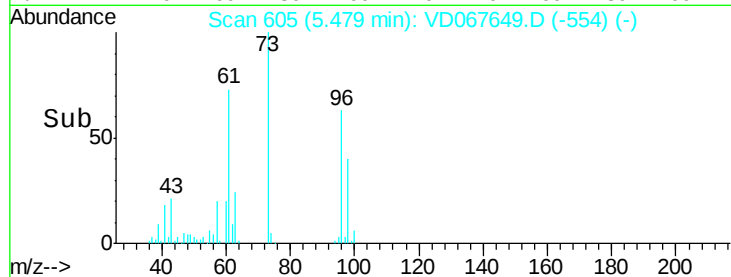
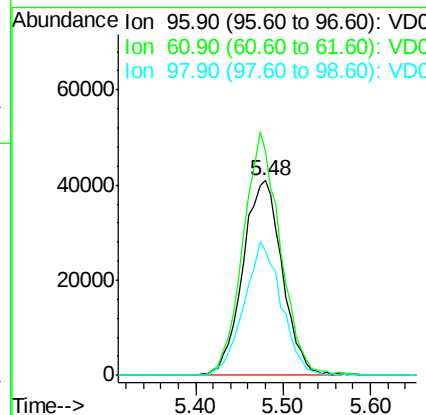
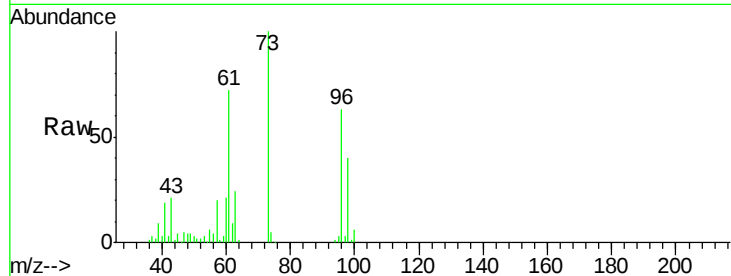
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	12555
Ion Ratio	Lower	Upper	
96	100		
61	115.0	93.0	139.6
98	63.7	50.9	76.3

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#22

Diisopropyl ether

Concen: 50.284 ug/l

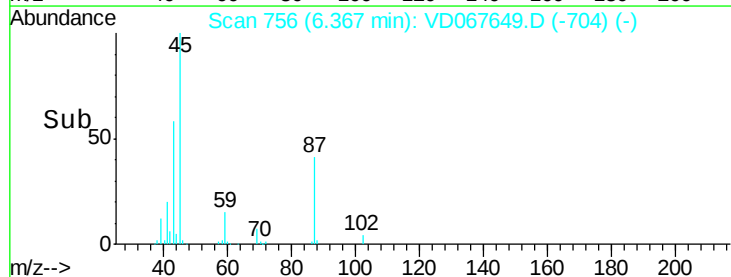
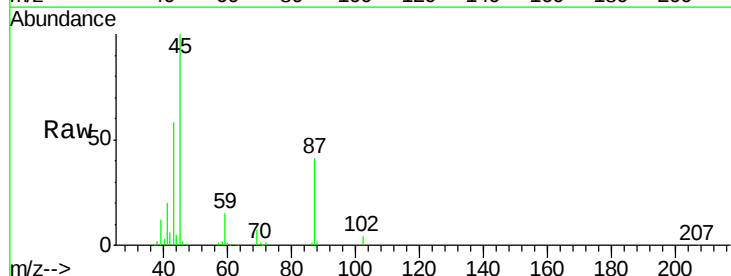
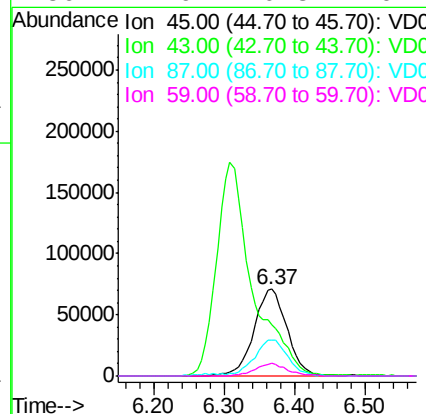
RT: 6.37 min Scan# 756

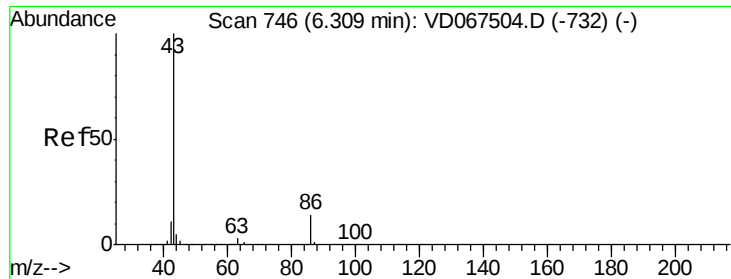
Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	45	Resp:	232407
Ion Ratio	Lower	Upper	
45	100		
43	57.5	46.2	69.4
87	40.3	29.4	44.2
59	14.9	10.8	16.2





#23

Vinyl Acetate

Concen: 256.418 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 620361

Ion Ratio Lower Upper

43 100

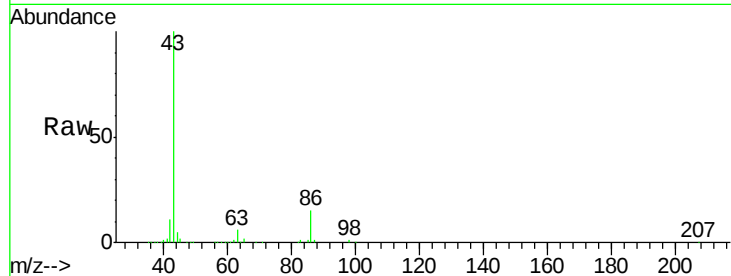
86 15.2 11.6 17.4

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

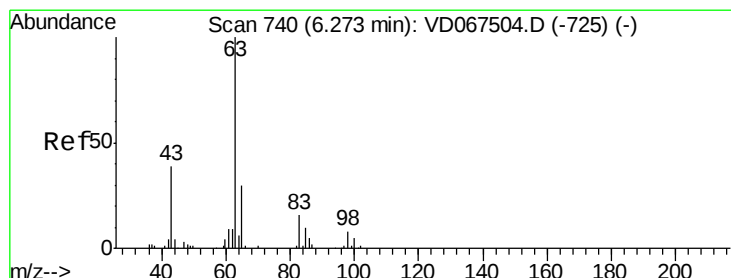
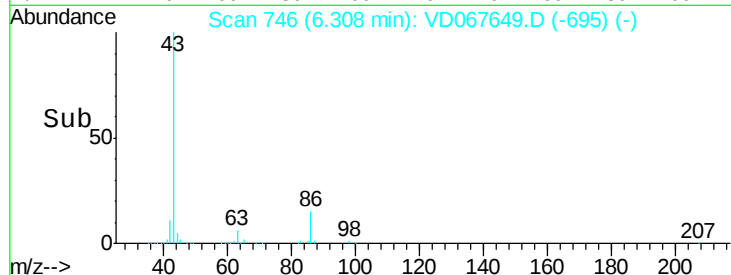
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.165 ug/l

RT: 6.27 min Scan# 740

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

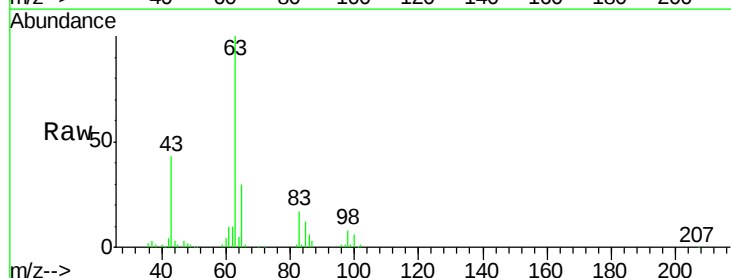
Tgt Ion: 63 Resp: 185899

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 5.8 2.6 7.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.27

80000

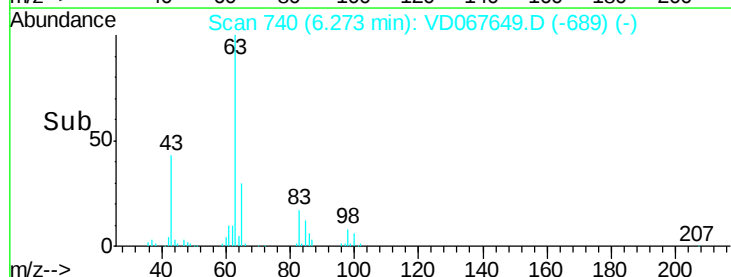
60000

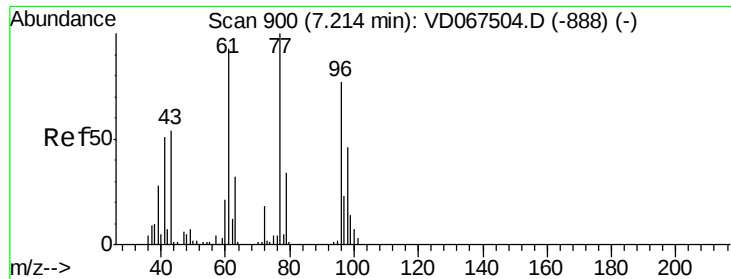
40000

20000

0

Time-->





#25

2-Butanone

Concen: 255.019 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 94668

Ion Ratio Lower Upper

43 100

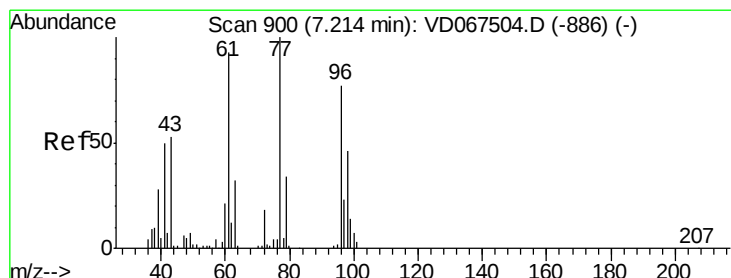
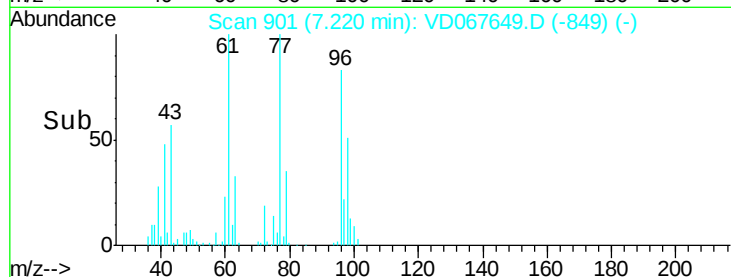
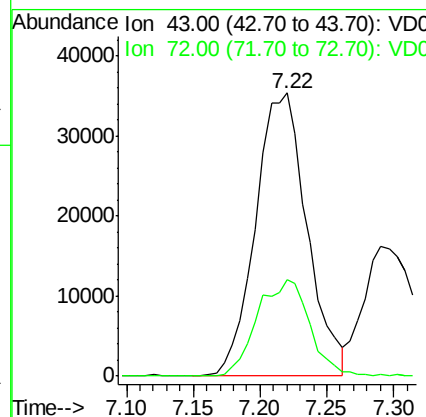
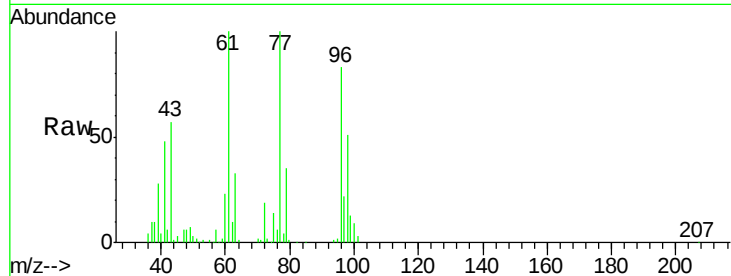
72 34.0 26.4 39.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.614 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067649.D

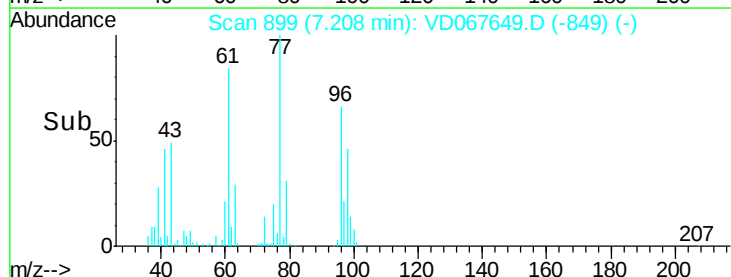
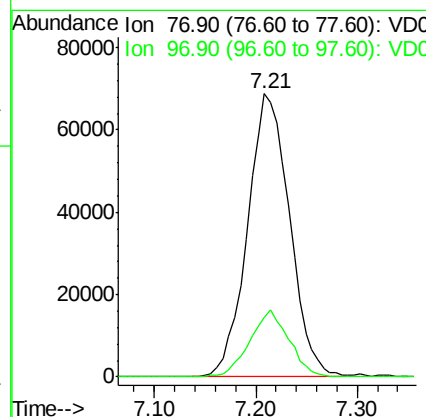
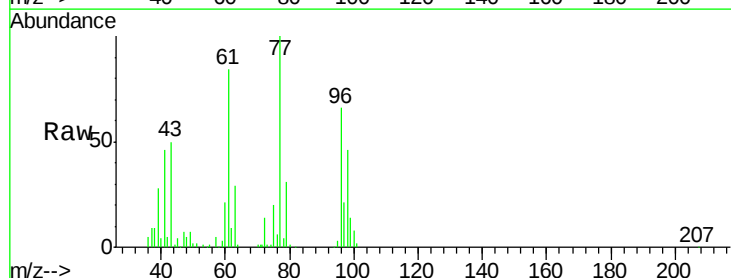
Acq: 16 Nov 2020 19:02

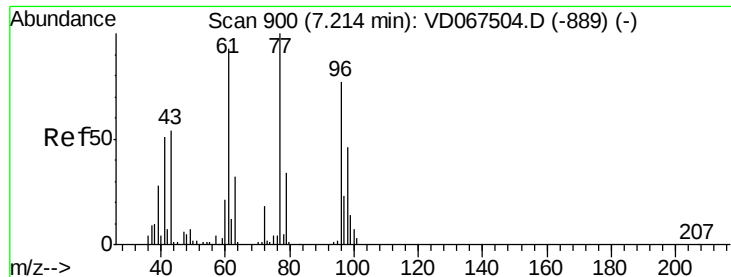
Tgt Ion: 77 Resp: 197989

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3





#27

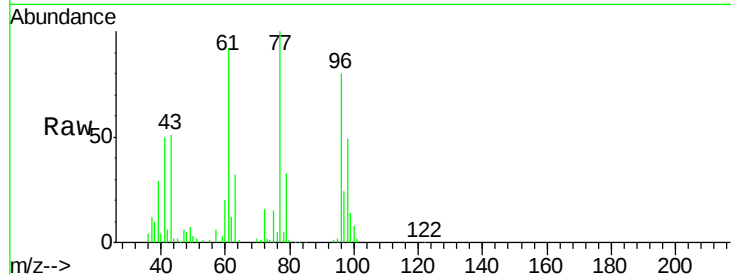
cis-1,2-Dichloroethene
Concen: 52.134 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139673		
61	124.7		0.0	251.6
98	62.6		0.0	128.0

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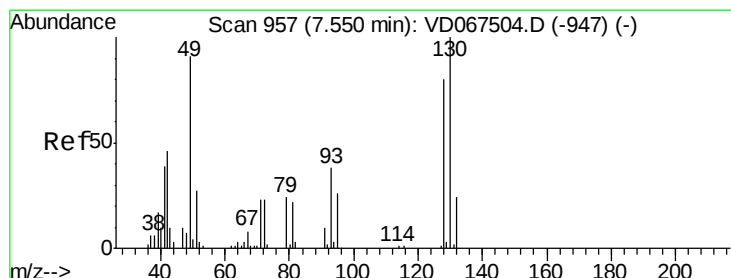
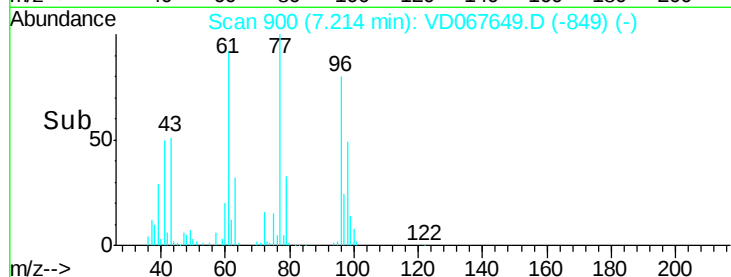
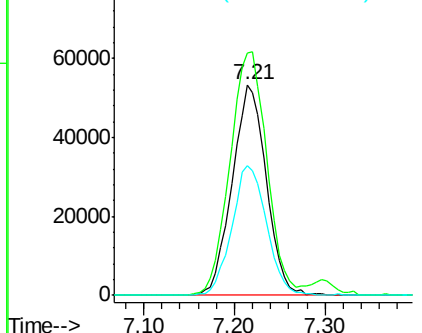


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

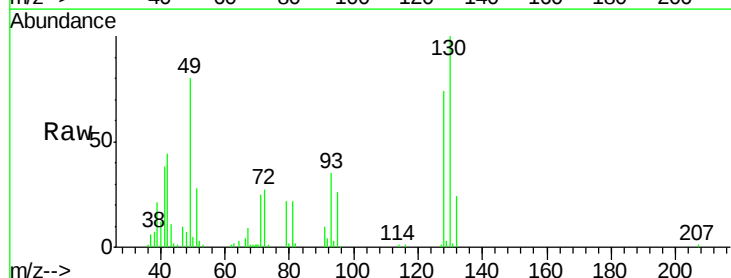
Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane
Concen: 49.805 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	66986		
129	3.1		0.0	6.4
130	120.7		94.6	142.0

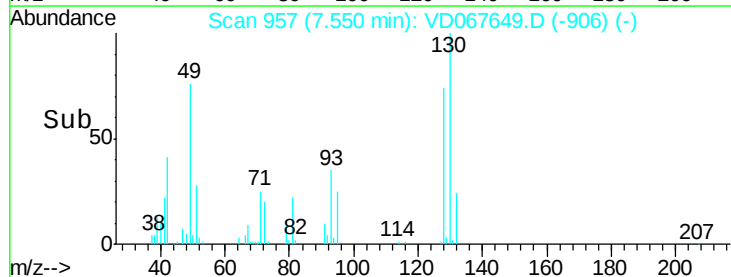
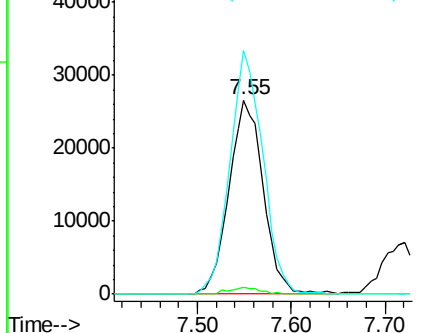


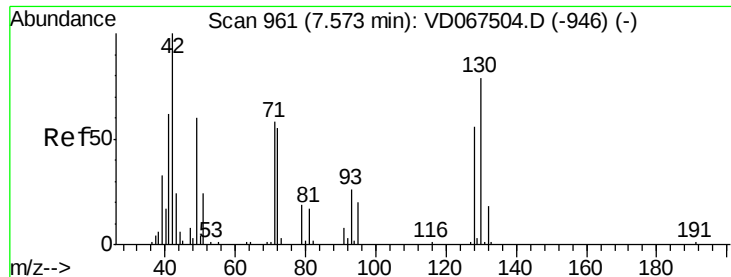
Abundance

Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





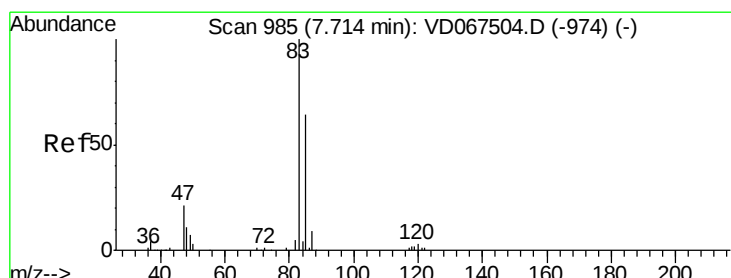
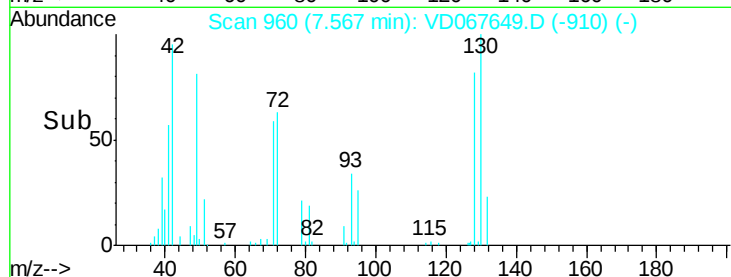
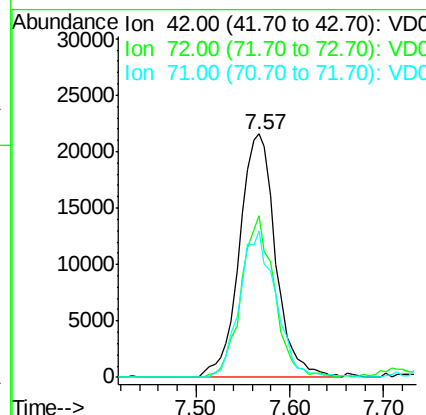
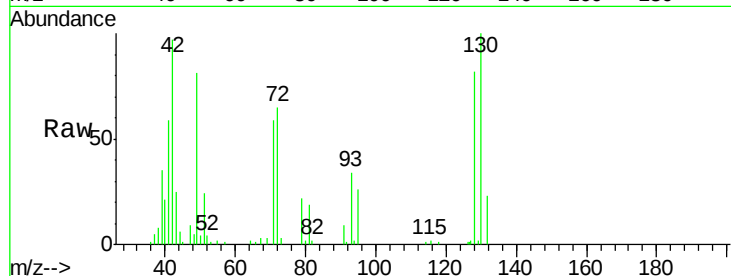
#29
Tetrahydrofuran
Concen: 258.160 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.2	46.3	69.5
71	59.8	44.0	66.0

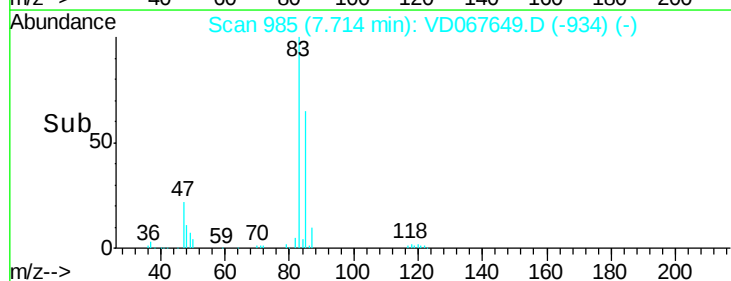
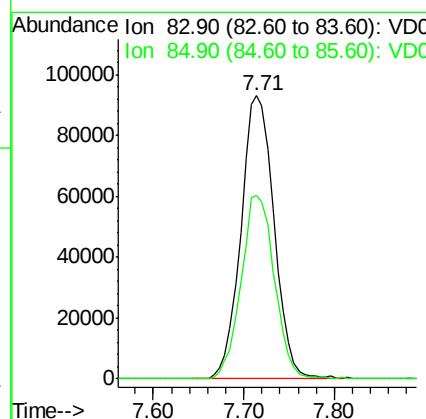
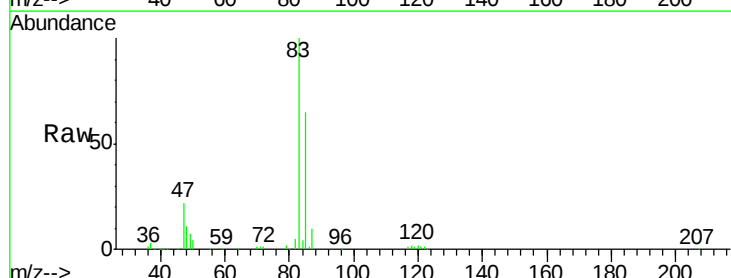
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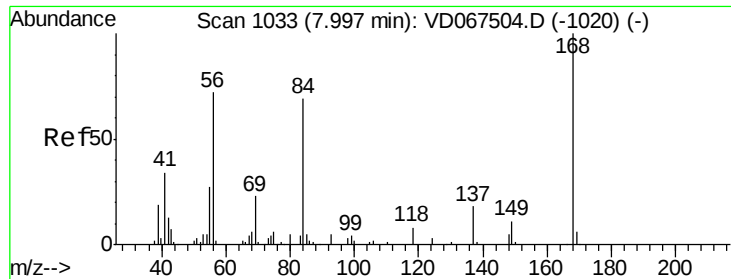
MMDadoda
11/17/2020 6:58:00 PM



#30
Chloroform
Concen: 52.456 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3





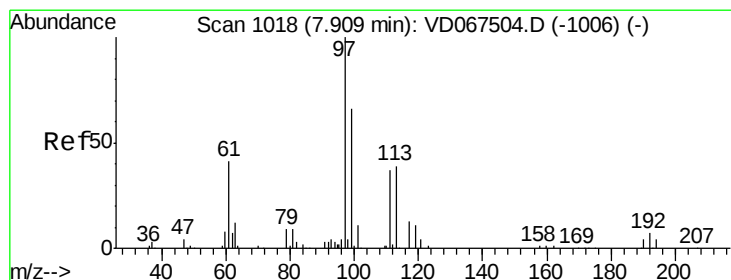
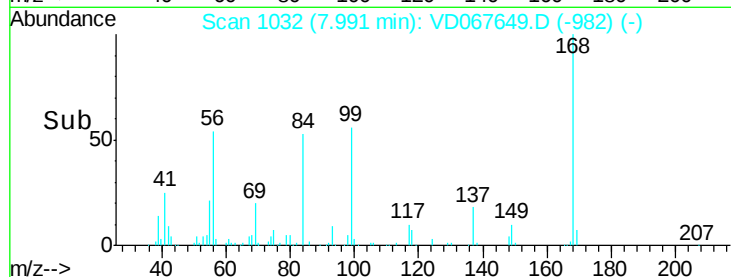
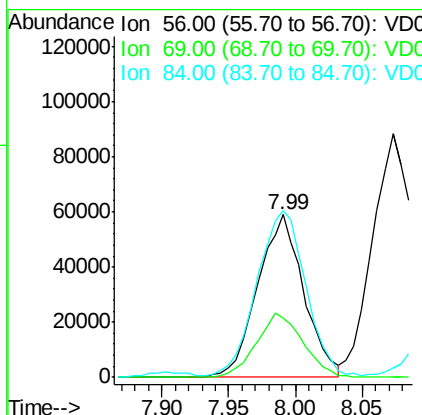
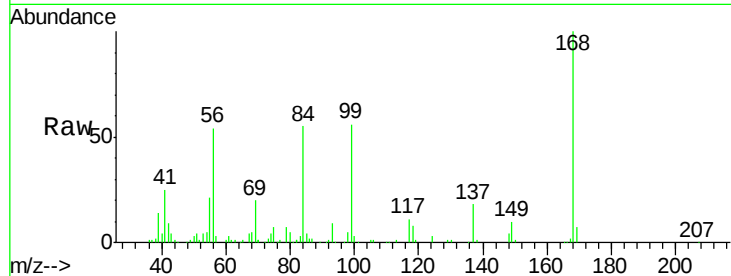
#31
Cyclohexane
Concen: 41.970 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.4	25.9	38.9
84	99.7	76.2	114.4

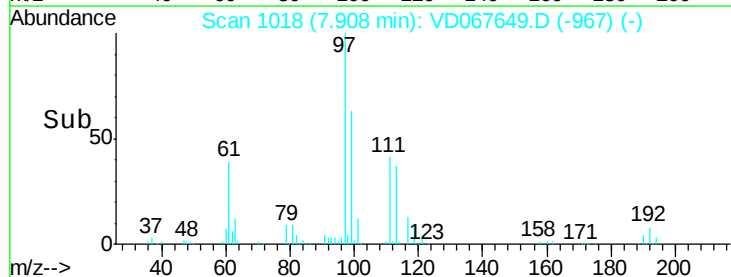
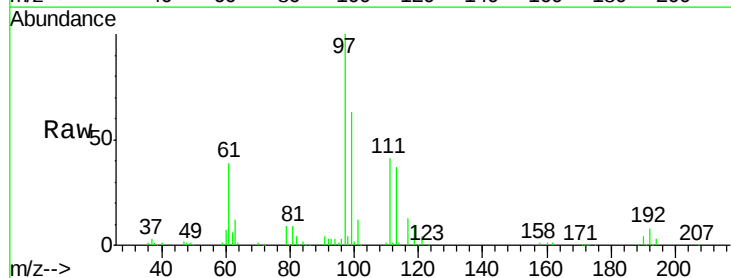
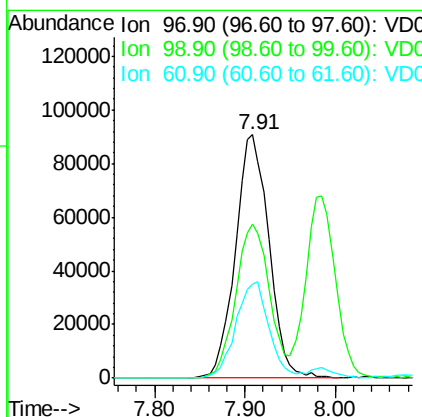
Manual Integrations
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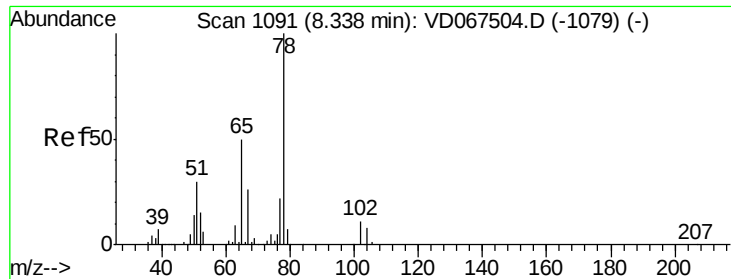
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#32
1,1,1-Trichloroethane
Concen: 50.046 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	38.7	30.5	45.7





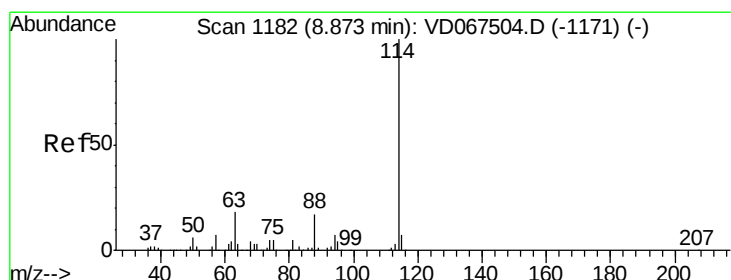
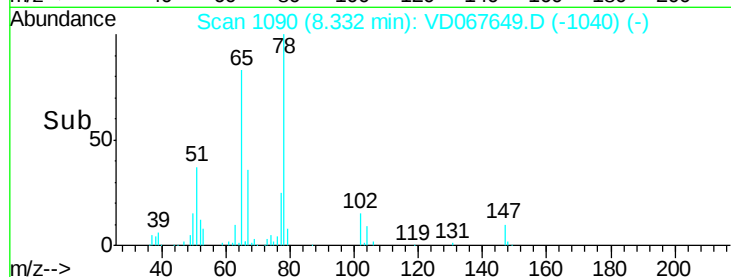
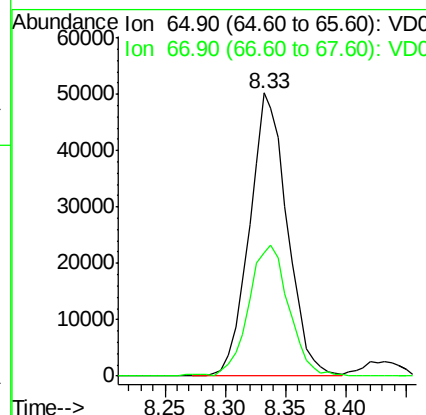
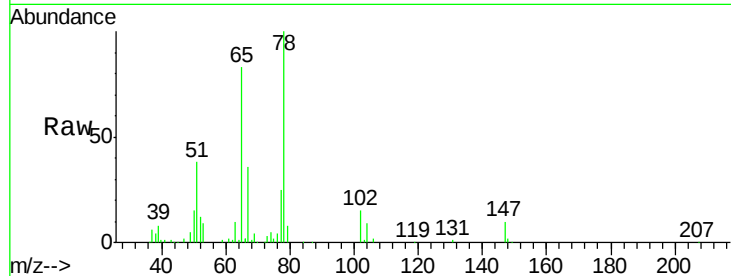
#33
 1,2-Dichloroethane-d4
 Concen: 46.951 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109000		
67	49.2	0.0	99.4	

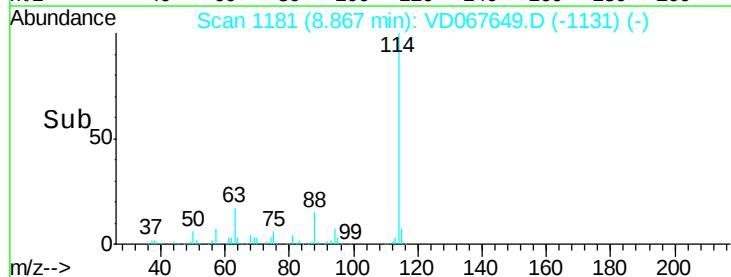
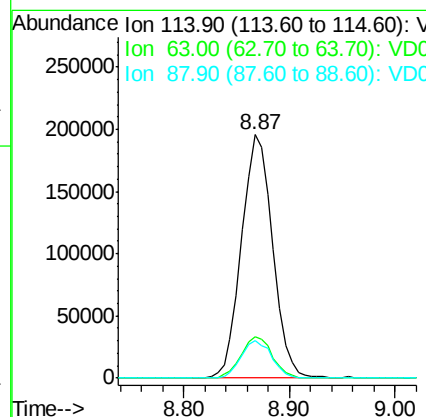
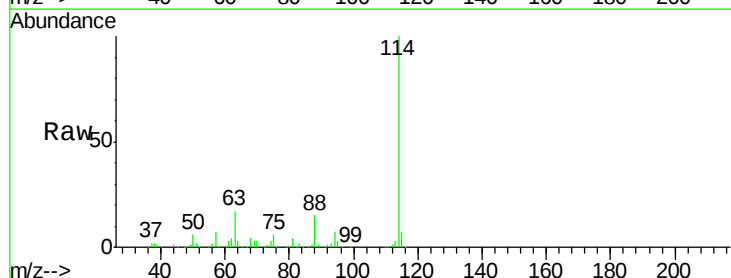
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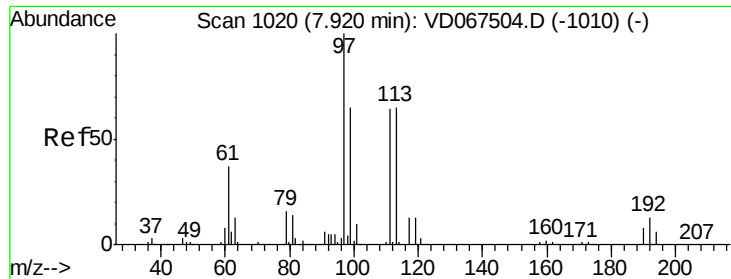
MMDadoda
 11/17/2020 6:58:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	400974		
63	16.9	0.0	35.0	
88	15.2	0.0	33.0	





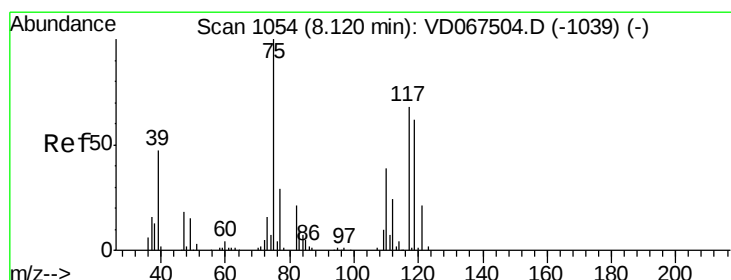
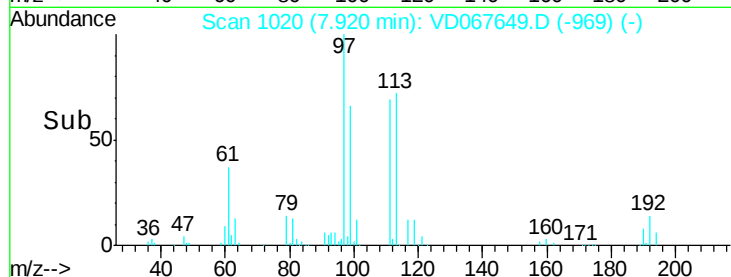
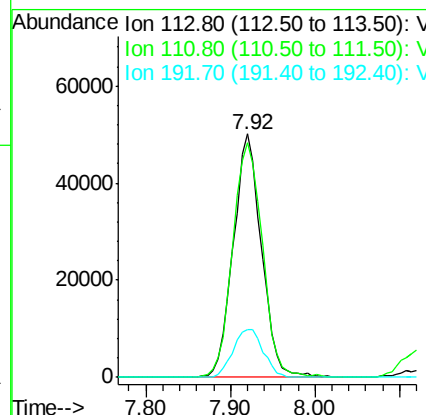
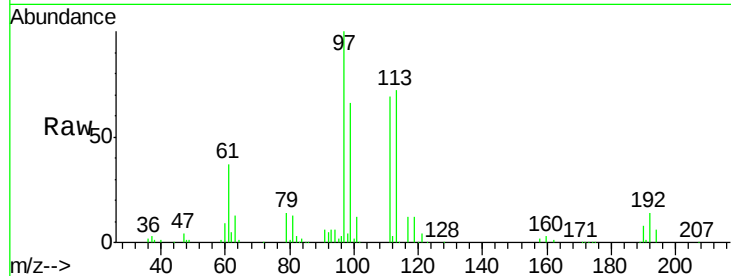
#35
 Dibromofluoromethane
 Concen: 47.469 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.0	120.0
192	21.1	16.3	24.5

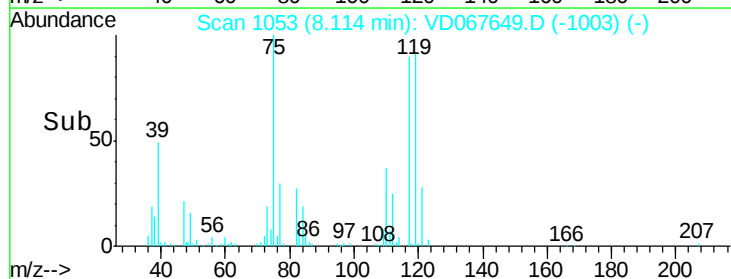
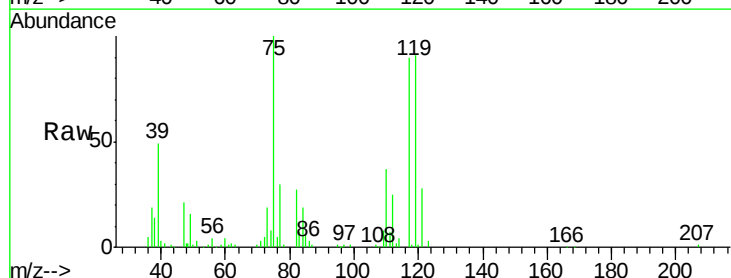
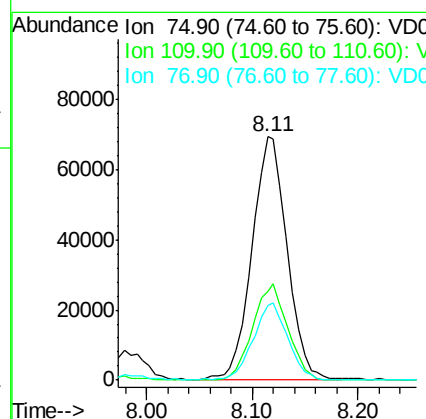
Manual Integrations
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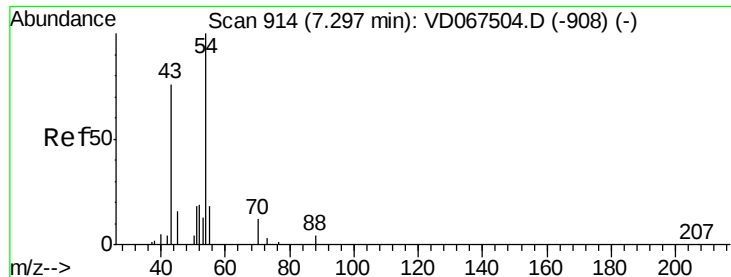
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 46.462 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.9	59.7
77	31.6	24.8	37.2





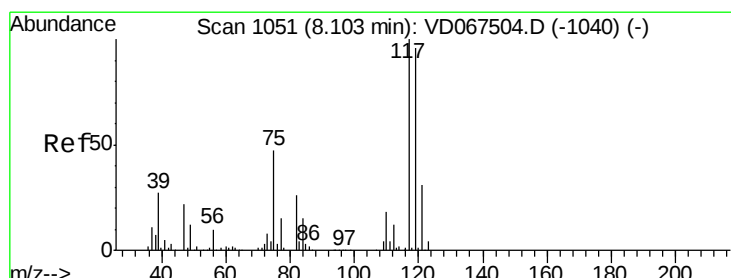
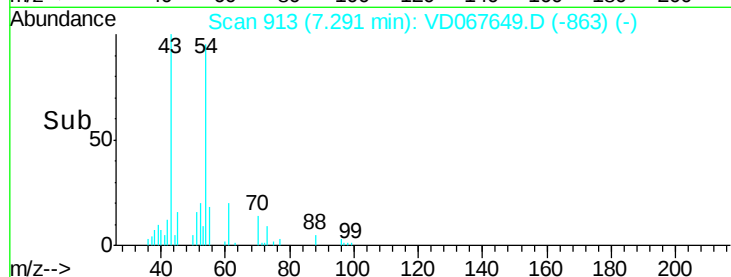
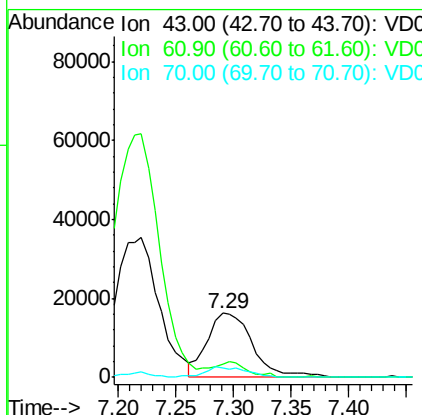
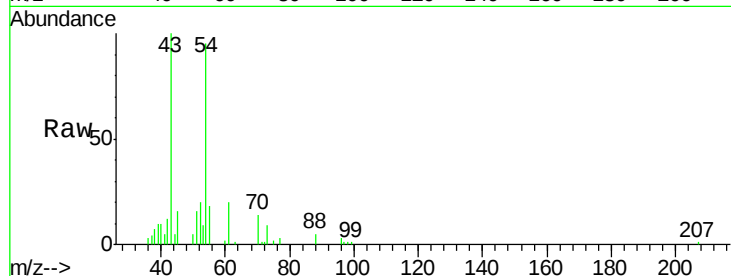
#37
Ethyl Acetate
Concen: 49.870 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	44438
Ion Ratio	100	Lower	Upper
43	100		
61	17.8	12.8	19.2
70	14.7	11.7	17.5

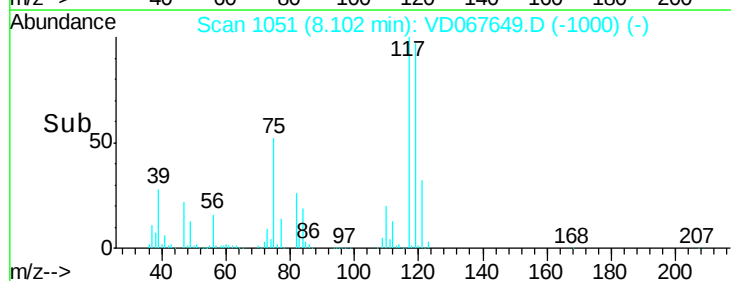
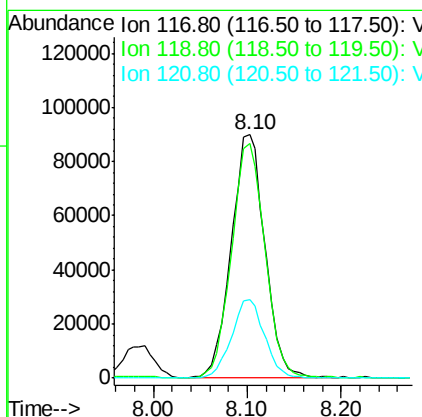
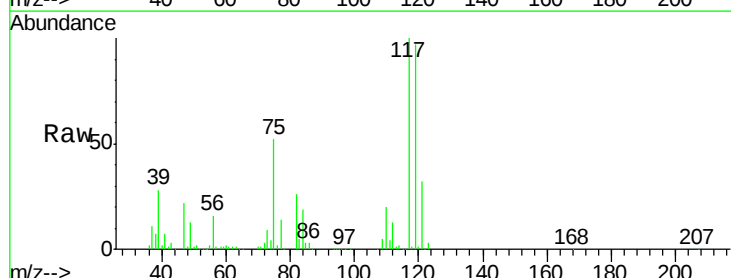
Manual Integrations
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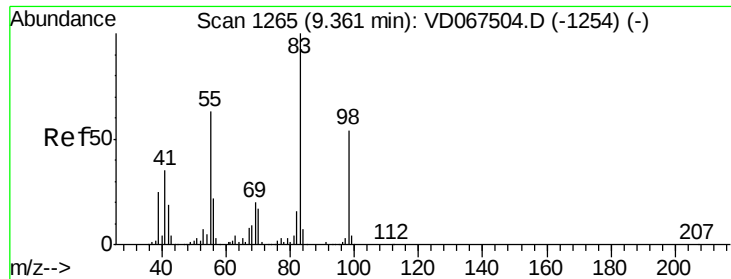
MMDadoda
11/17/2020 6:58:00 PM



#38
Carbon Tetrachloride
Concen: 49.823 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	117	Resp	222183
Ion Ratio	100	Lower	Upper
117	100		
119	96.6	76.9	115.3
121	32.2	24.5	36.7





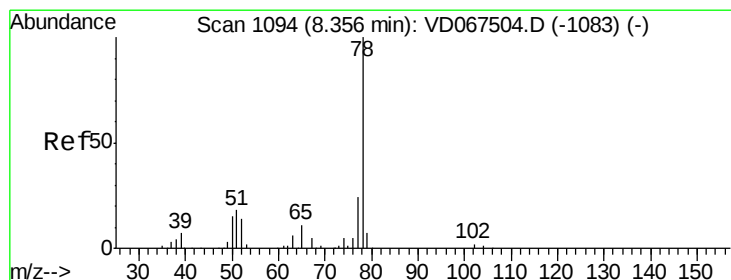
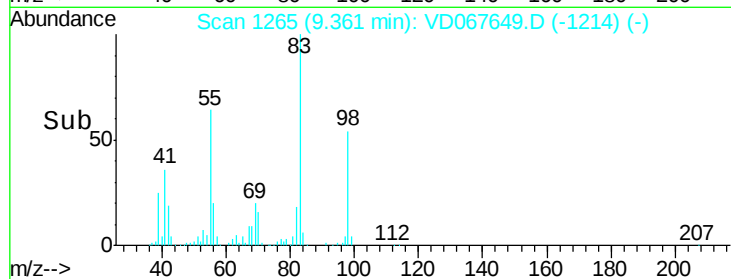
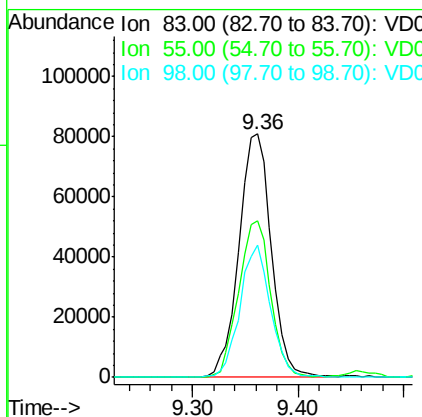
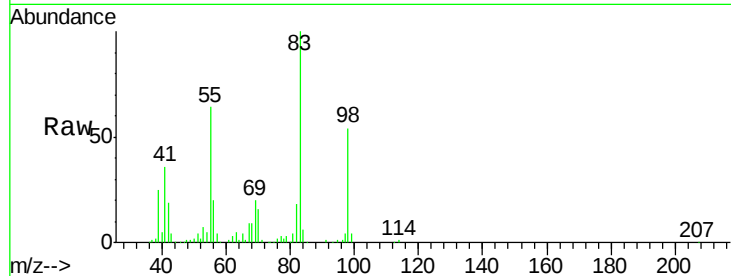
#39
Methvlcvclohexane
Concen: 42.598 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.3	50.5	75.7
98	54.5	43.4	65.0

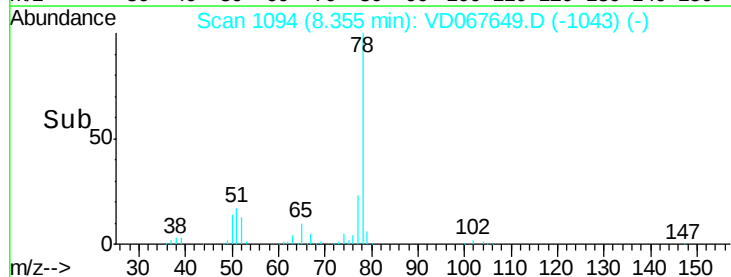
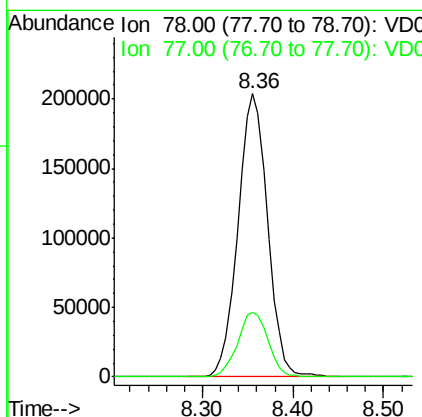
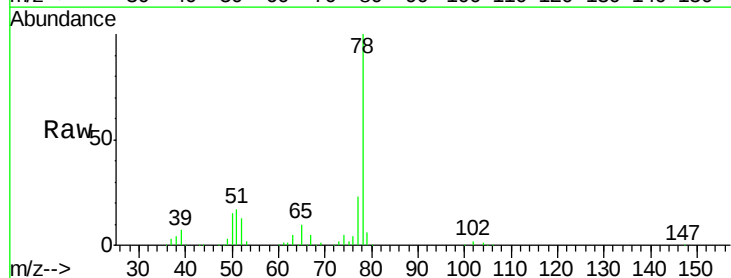
Manual Integrations
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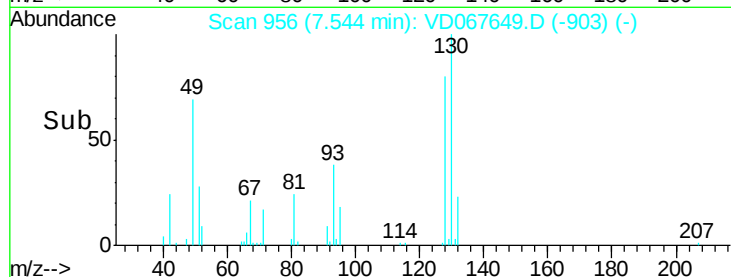
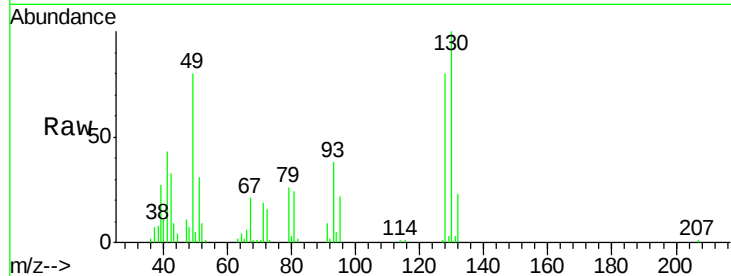
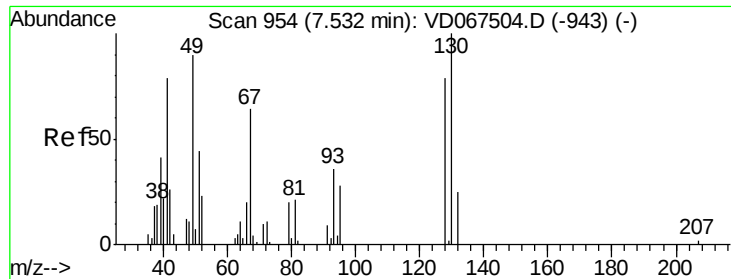
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#40
Benzene
Concen: 49.562 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





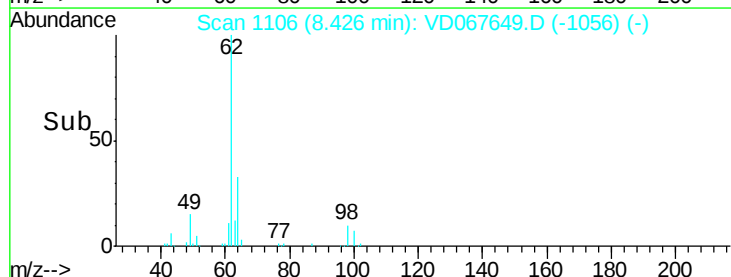
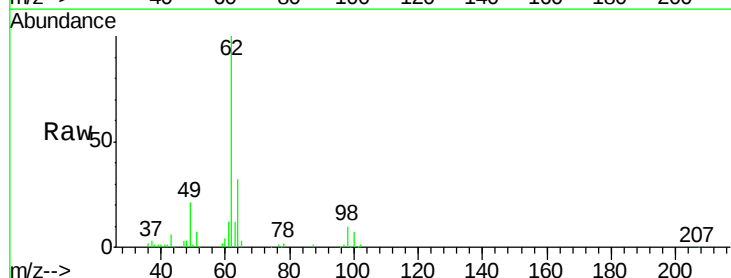
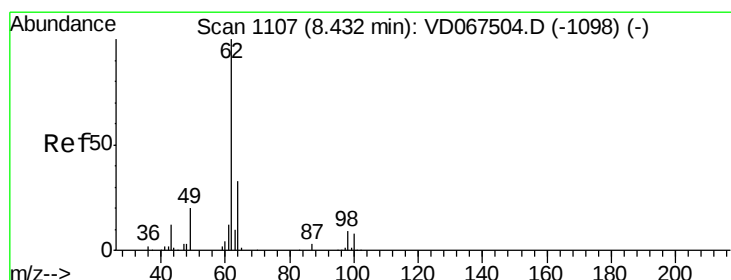
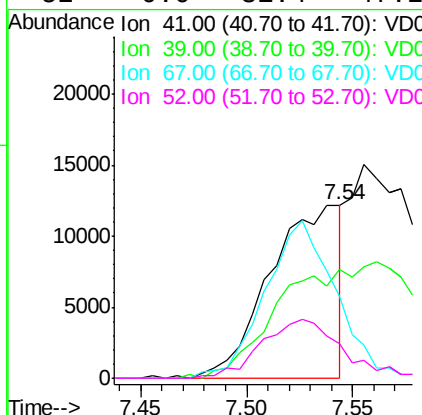
#41
Methacrylonitrile
Concen: 53.537 ug/l m
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tot Ion	Ratio	Lower	Upper
41	100		
39	130.8	51.3	76.9#
67	0.0	78.9	118.3#
52	0.0	31.4	47.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

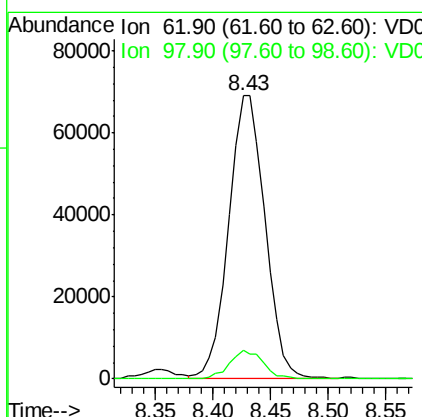
Manual Integrations
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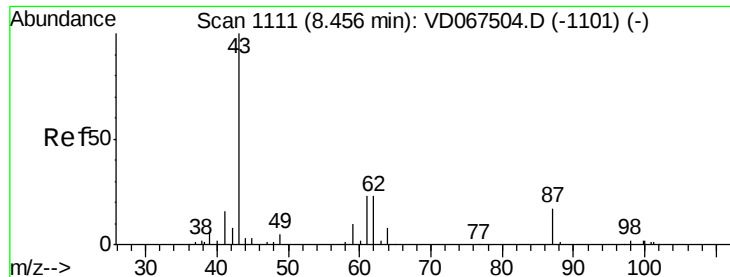
MMDadoda
11/17/2020 6:58:00 PM



#42
1,2-Dichloroethane
Concen: 52.663 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8





#43

Isopropyl Acetate

Concen: 49.501 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

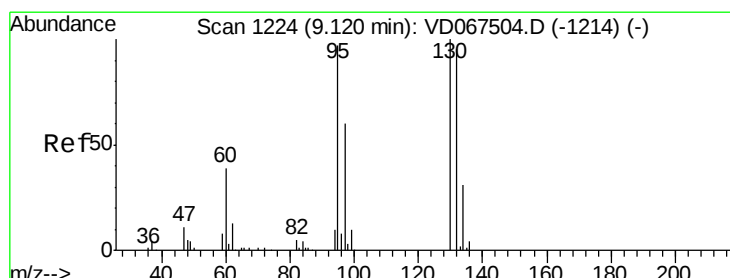
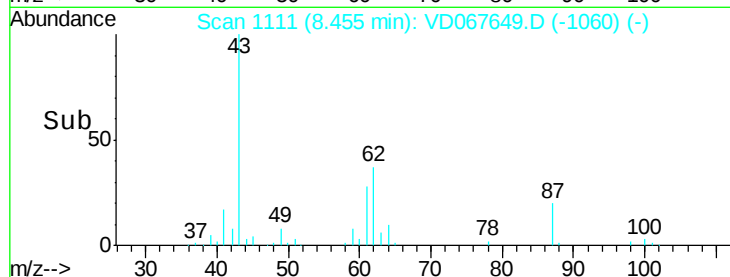
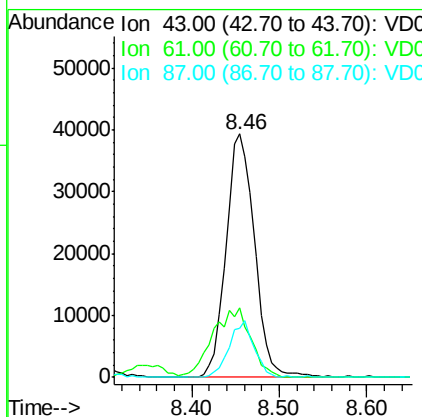
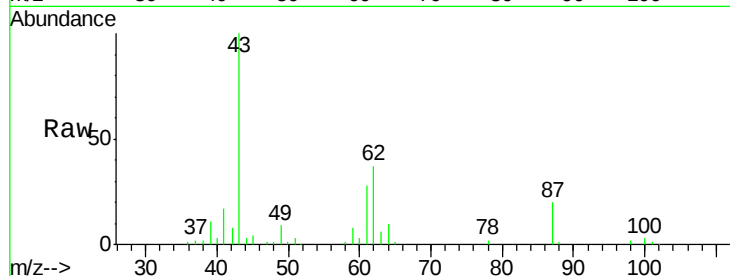
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	87235
Ion	Ratio	Lower	Upper
43	100		
61	38.5	30.5	45.7
87	20.1	14.7	22.1

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#44

Trichloroethene

Concen: 48.283 ug/l

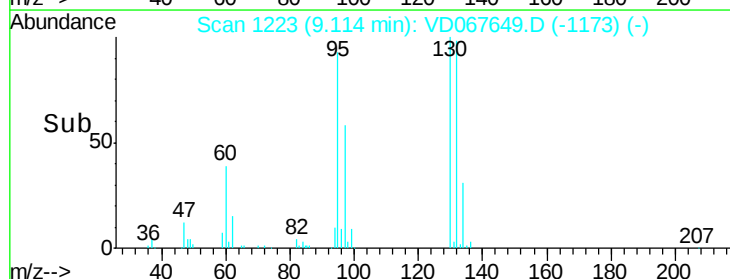
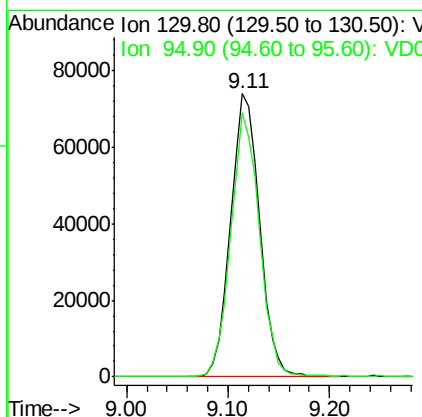
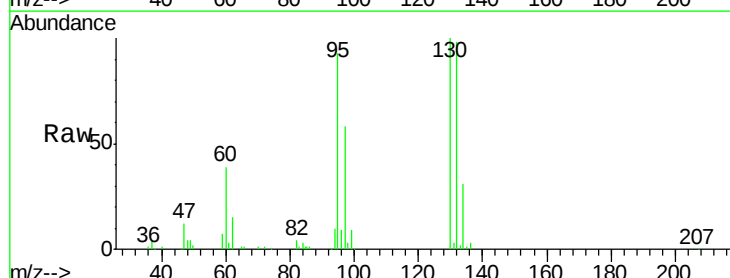
RT: 9.11 min Scan# 1223

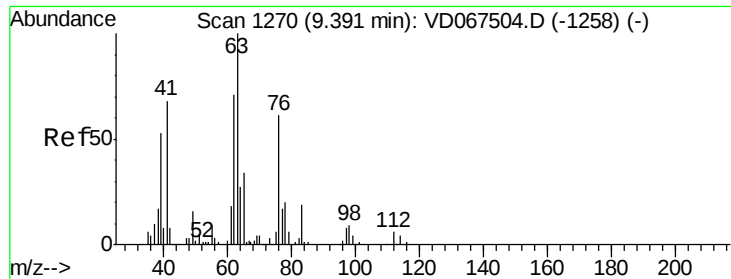
Delta R.T. -0.01 min

Lab File: VD067649.D

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Tgt Ion:	130	Resp:	147600
Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	194.4





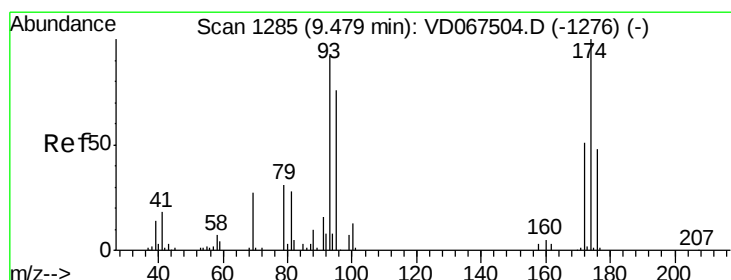
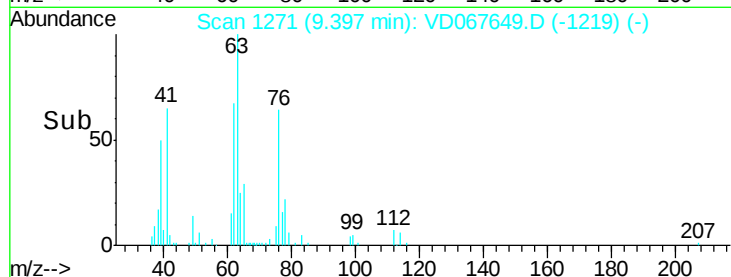
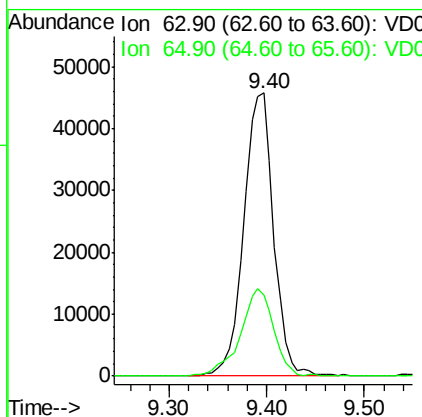
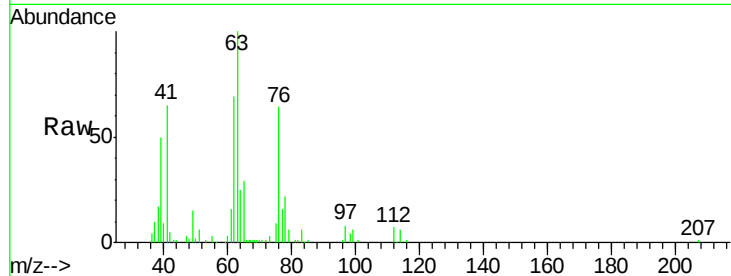
#45
 1,2-Dichloropropane
 Concen: 48.859 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 98213
 Ion Ratio Lower Upper
 63 100
 65 28.7 26.9 40.3

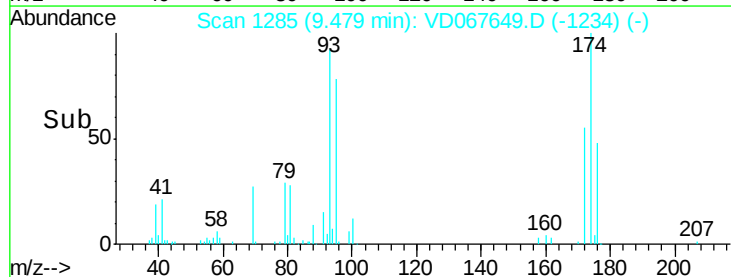
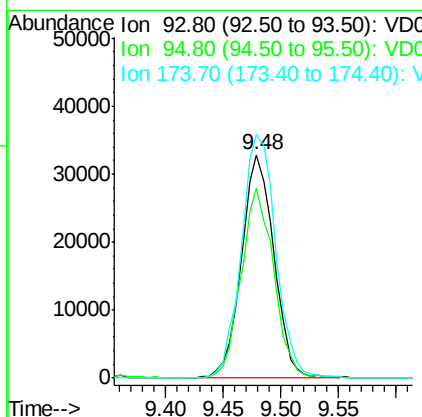
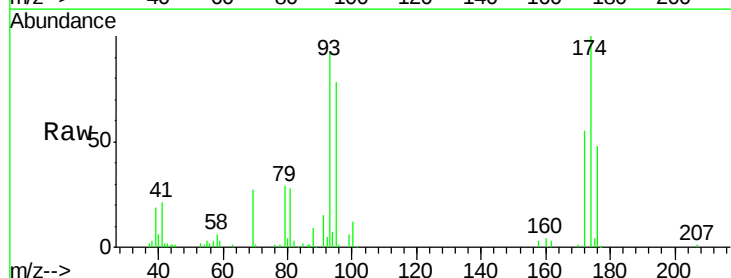
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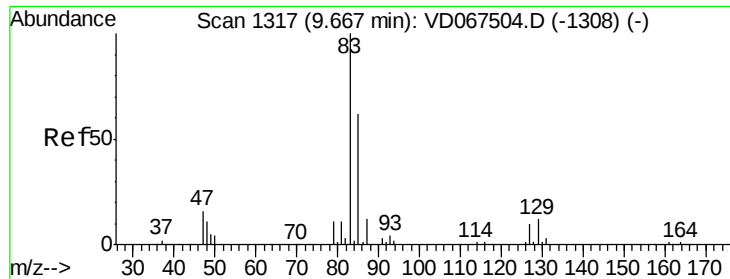
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#46
 Dibromomethane
 Concen: 50.450 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 93 Resp: 64480
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 115.6 88.2 132.4





#47

Bromodichloromethane

Concen: 51.513 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

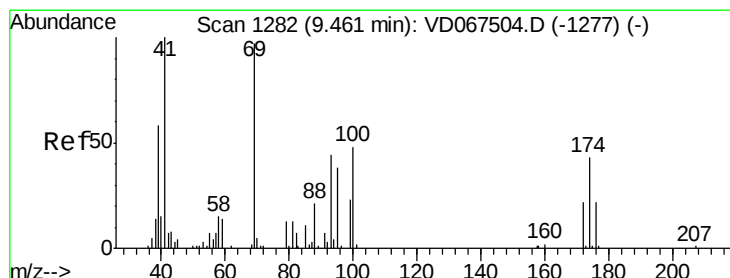
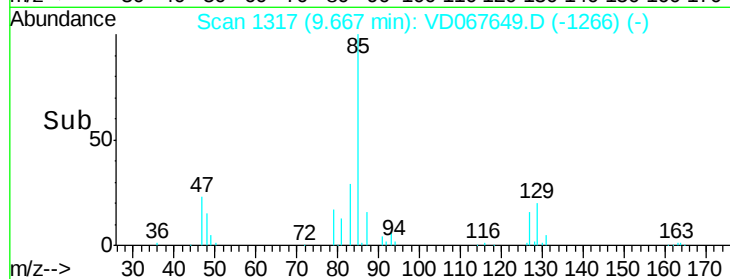
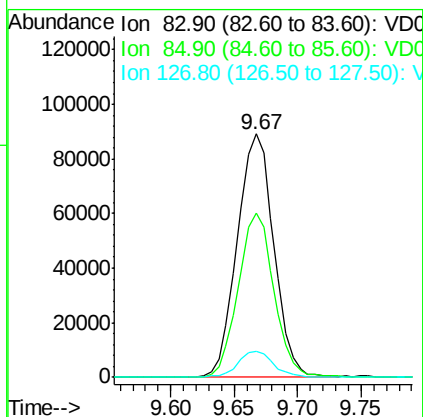
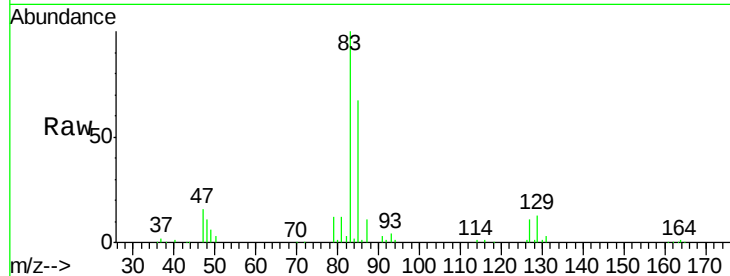
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	178950
Ion	Ratio	Lower	Upper
83	100		
85	67.5	49.4	74.2
127	10.6	7.7	11.5

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#48

Methyl methacrylate

Concen: 49.481 ug/l

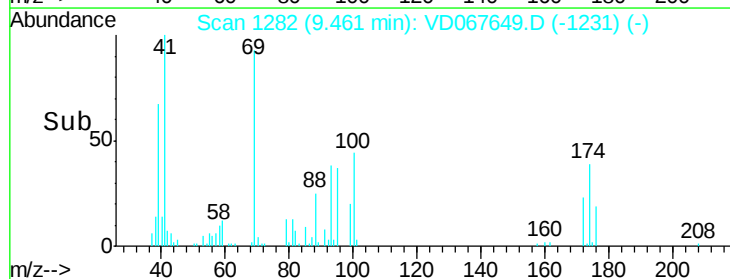
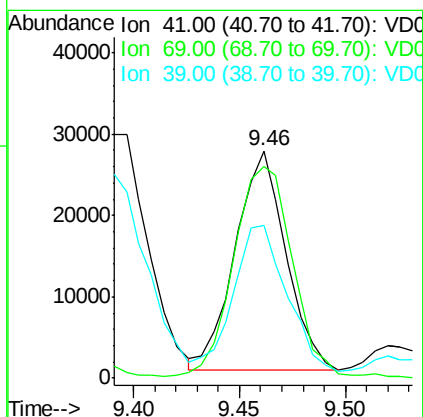
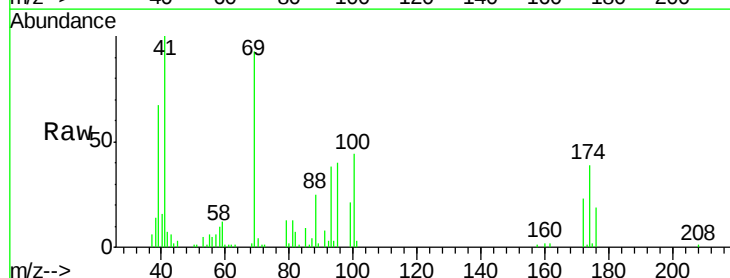
RT: 9.46 min Scan# 1282

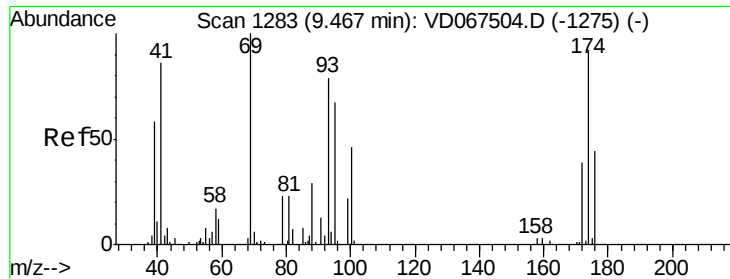
Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	41	Resp:	45023
Ion	Ratio	Lower	Upper
41	100		
69	113.7	80.6	121.0
39	69.7	50.2	75.4





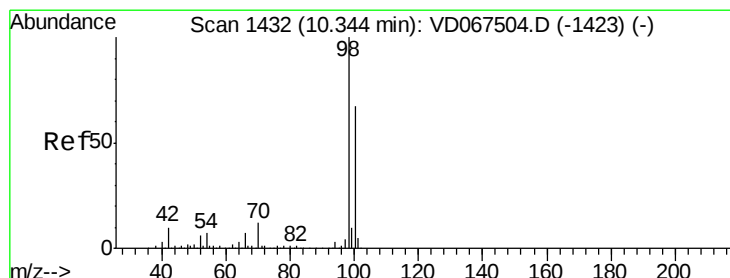
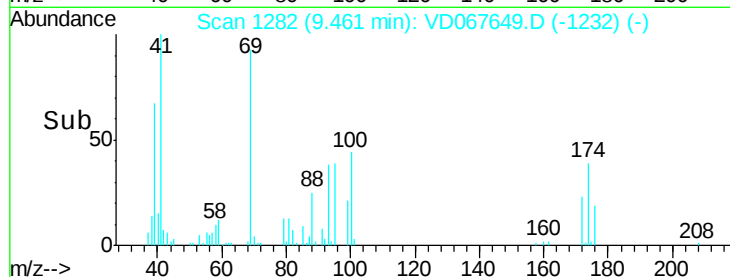
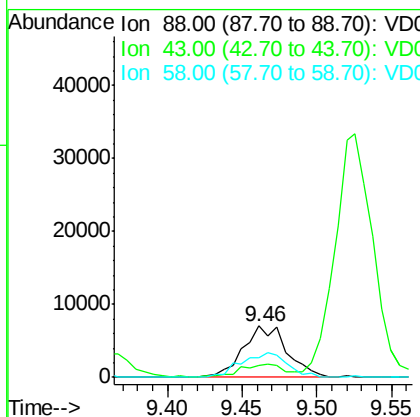
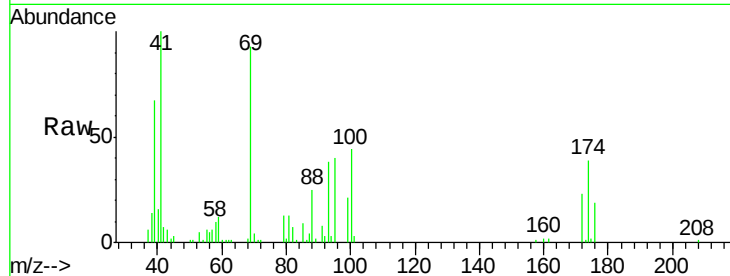
#49
 1,4-Dioxane
 Concen: 1107.762 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	14373
Ion	Ratio	Lower	Upper
88	100		
43	26.2	23.6	35.4
58	50.1	44.7	67.1

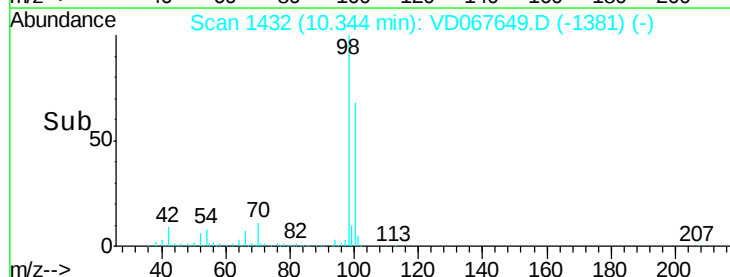
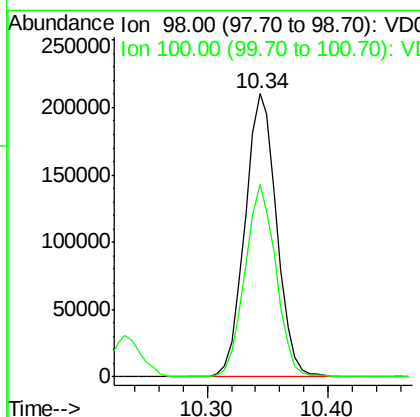
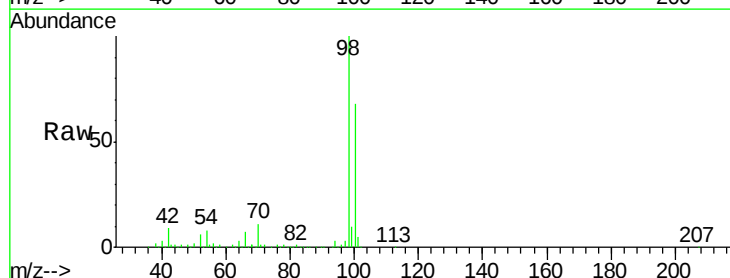
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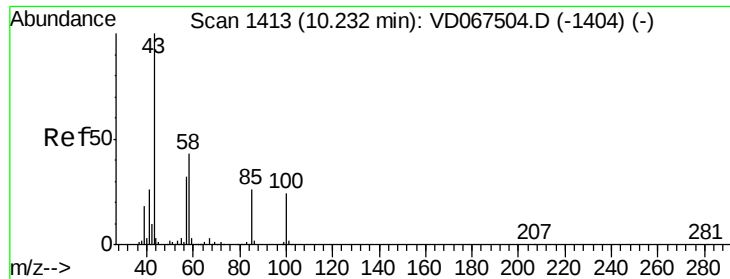
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#50
 Toluene-d8
 Concen: 45.295 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	98	Resp	384547
Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 260.458 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 219519

Ion Ratio Lower Upper

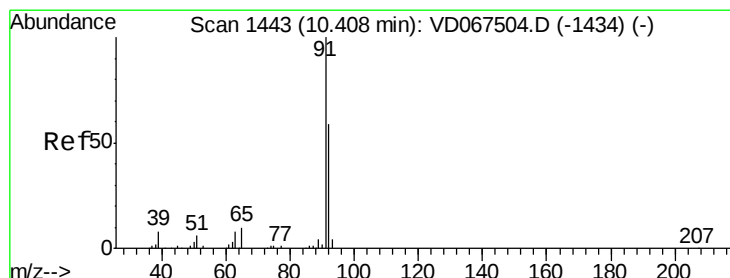
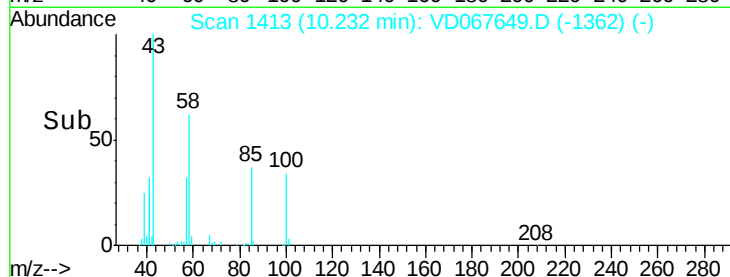
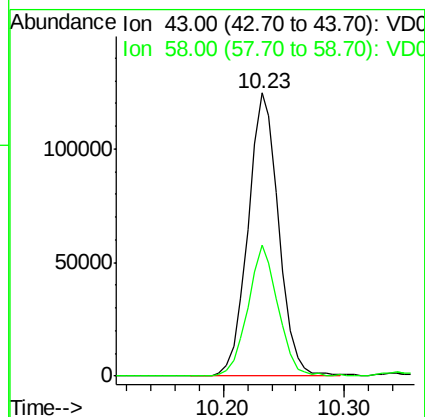
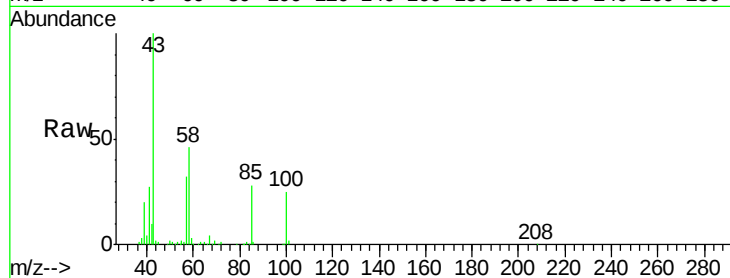
43 100

58 45.7 35.6 53.4

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#52

Toluene

Concen: 51.245 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067649.D

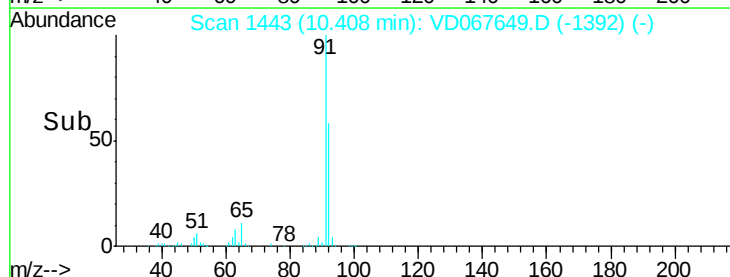
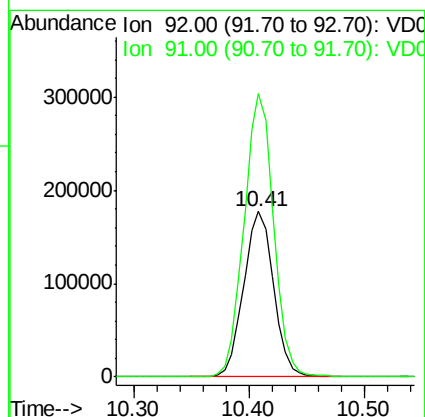
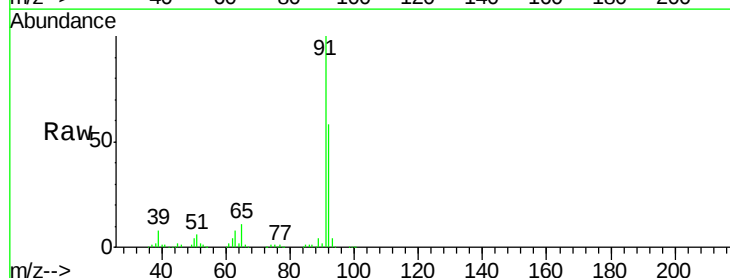
Acq: 16 Nov 2020 19:02

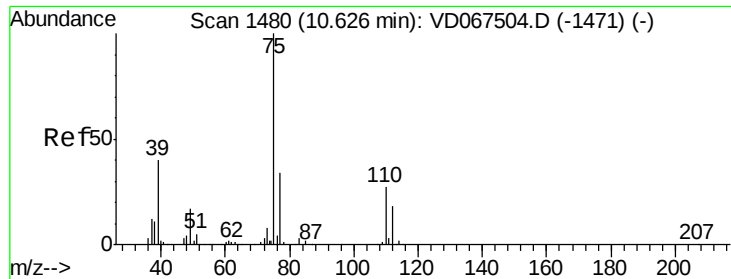
Tgt Ion: 92 Resp: 319113

Ion Ratio Lower Upper

92 100

91 169.4 137.0 205.6





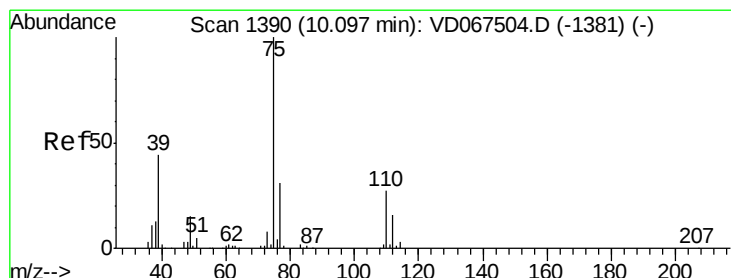
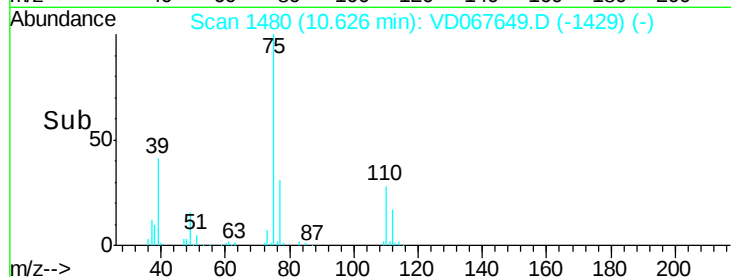
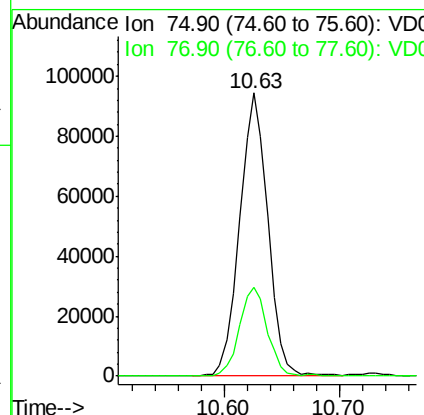
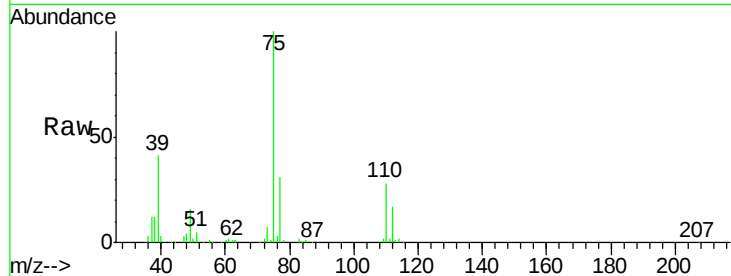
#53
t-1,3-Dichloropropene
Concen: 53.536 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 159282
Ion Ratio Lower Upper
75 100
77 31.5 27.0 40.6

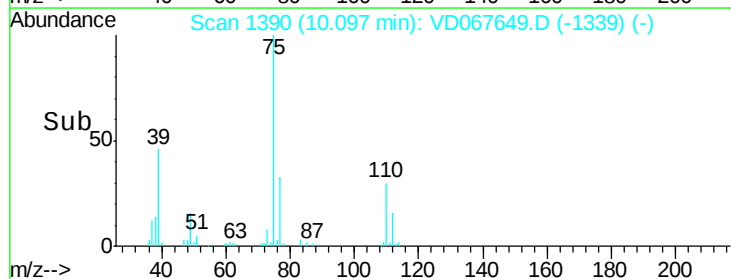
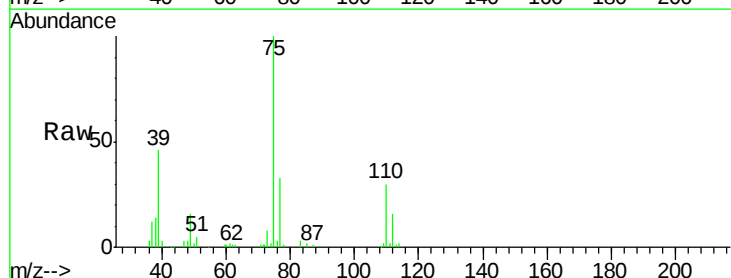
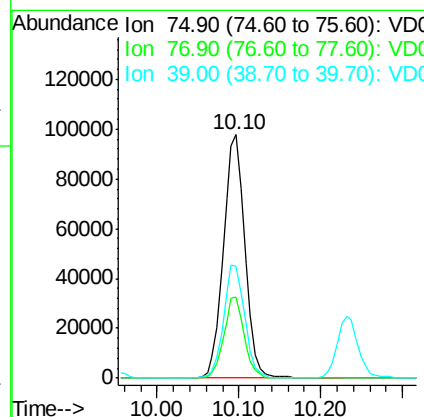
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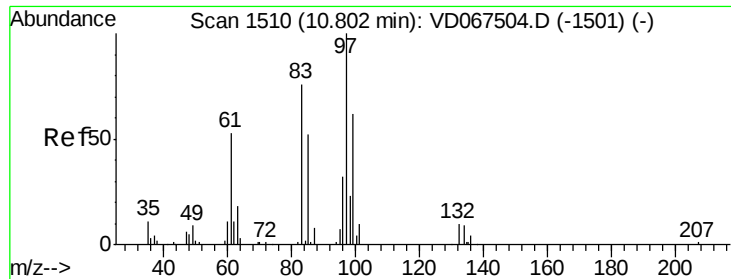
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#54
cis-1,3-Dichloropropene
Concen: 50.510 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 75 Resp: 178546
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6
39 45.7 35.6 53.4





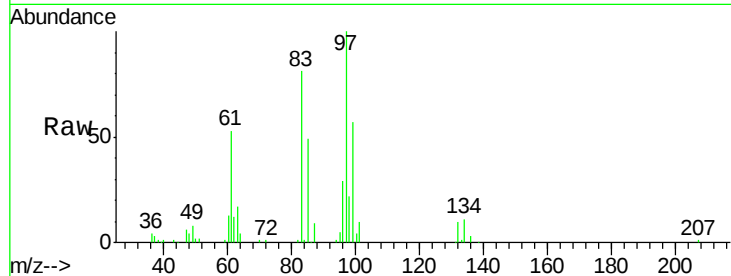
#55
 1,1,2-Trichloroethane
 Concen: 52.937 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

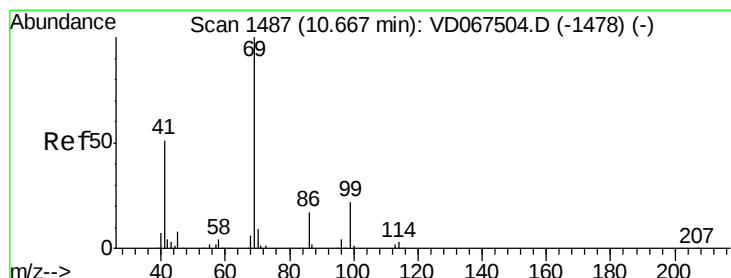
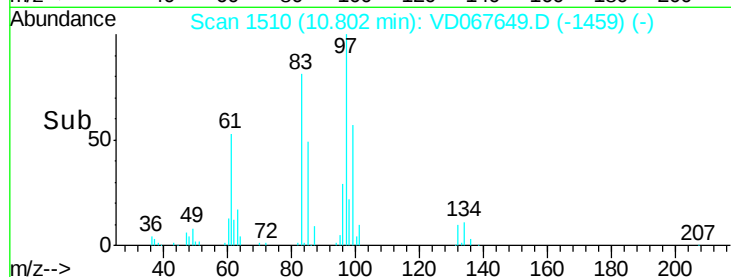
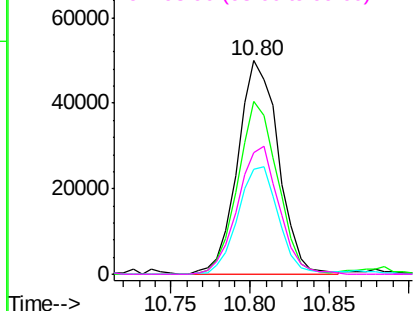
Tot Ion	97	Resp:	89520
Ion	Ratio	Lower	Upper
97	100		
83	81.1	61.0	91.6
85	49.2	41.5	62.3
99	57.0	49.4	74.2

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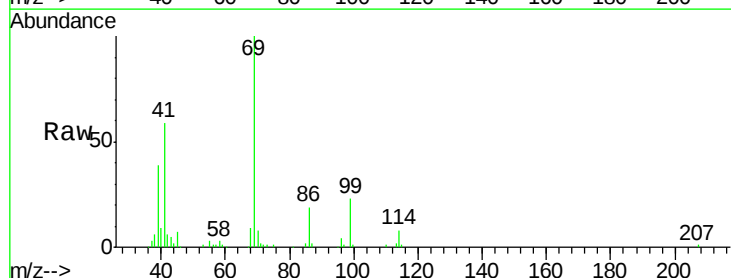


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

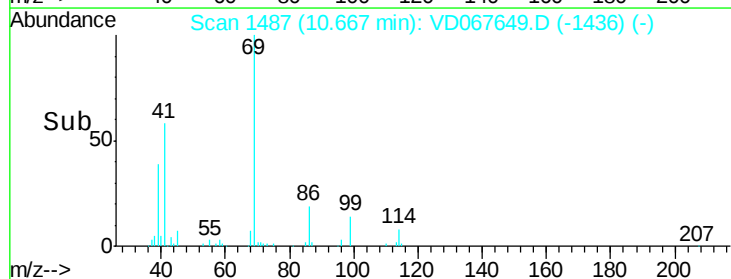
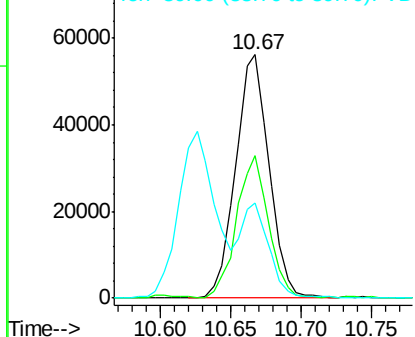


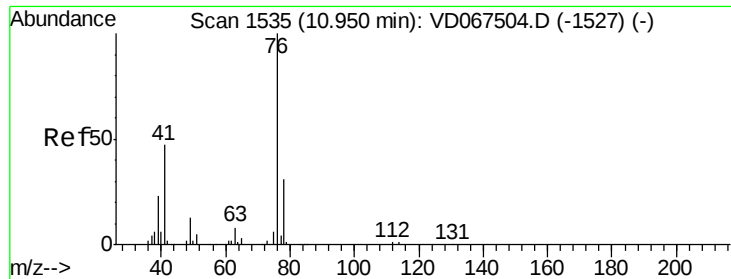
#56
 Ethyl methacrylate
 Concen: 53.287 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	69	Resp:	93055
Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.4	68.0
39	32.6	27.4	41.0



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





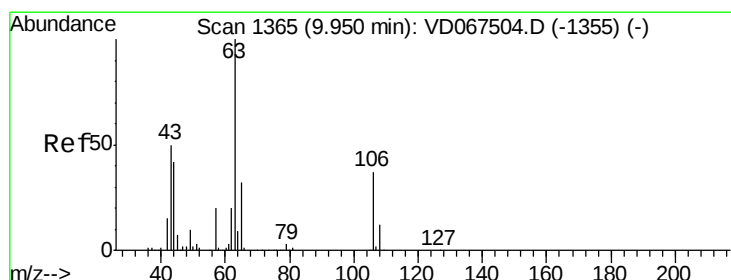
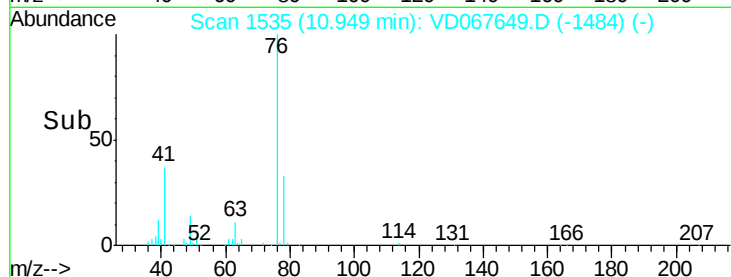
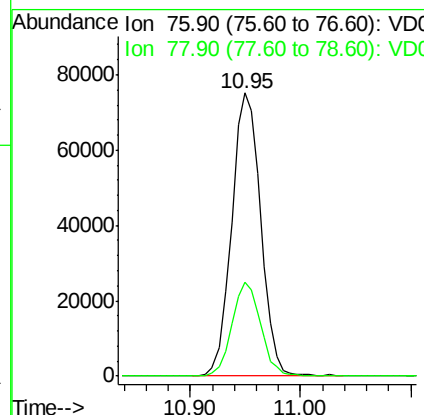
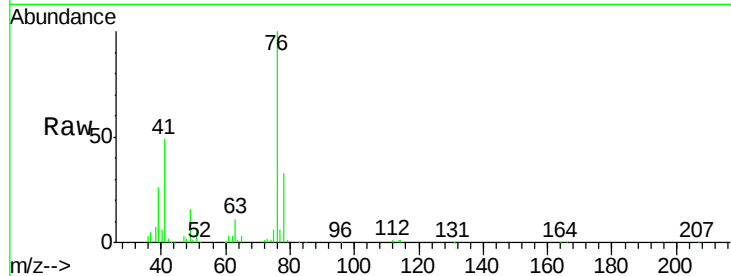
#57
 1,3-Dichloropropane
 Concen: 50.955 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 138660
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

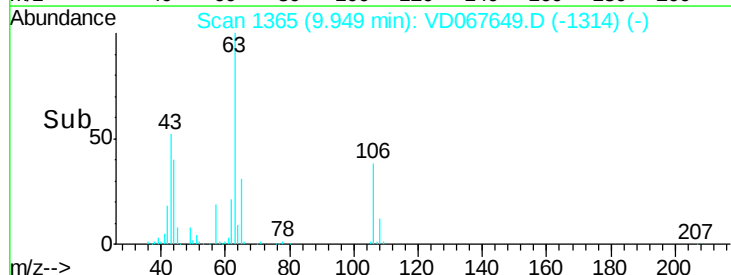
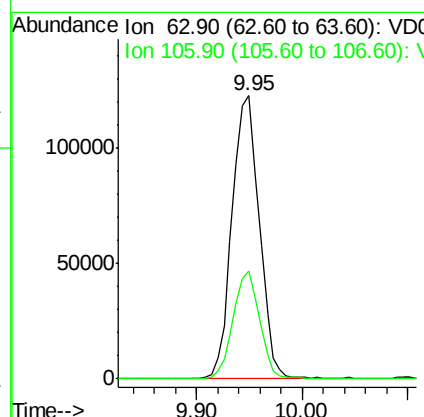
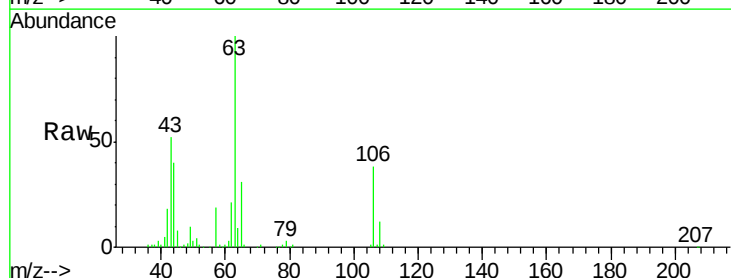
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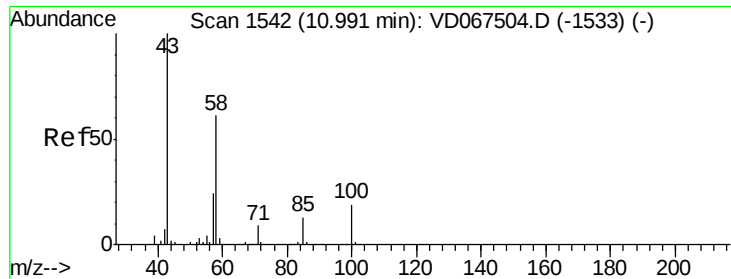
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.455 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 63 Resp: 219433
 Ion Ratio Lower Upper
 63 100
 106 36.9 29.2 43.8





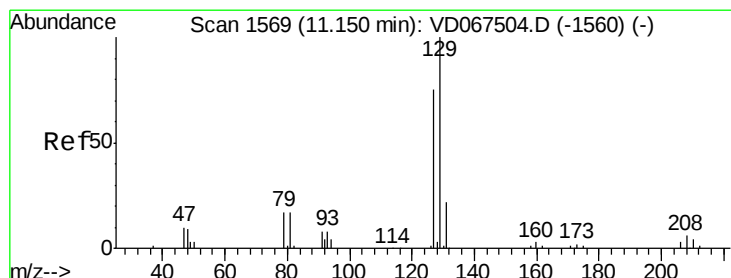
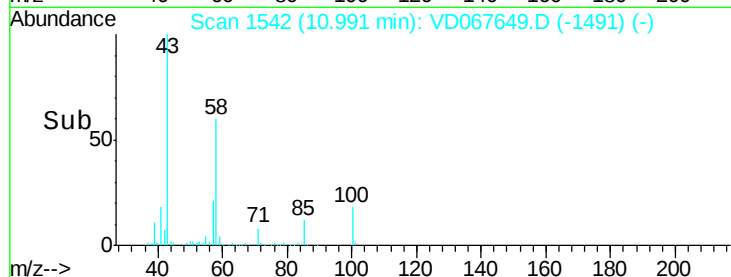
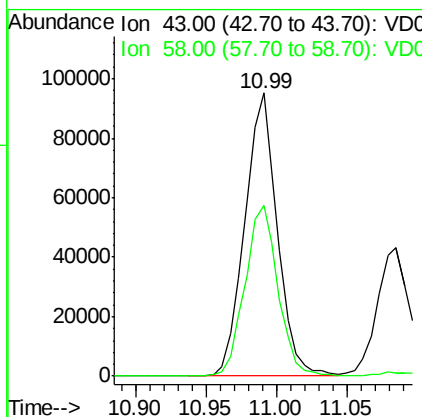
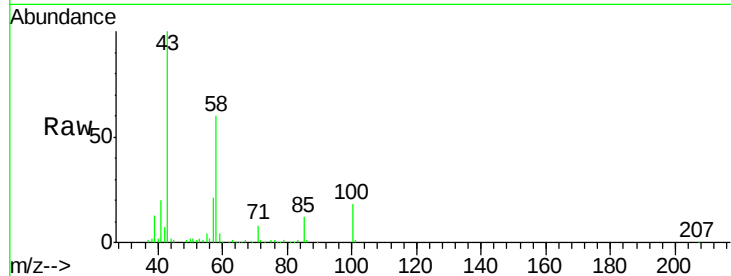
#59
2-Hexanone
Concen: 261.076 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 153852
Ion Ratio Lower Upper
43 100
58 61.3 30.3 90.9

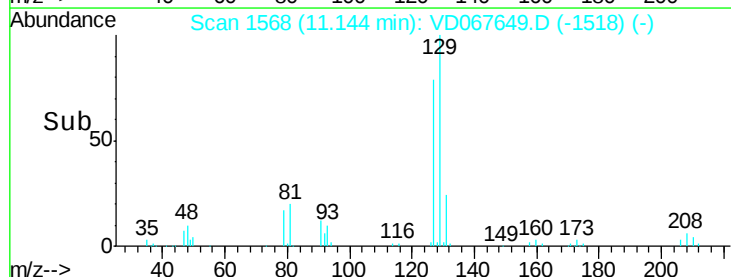
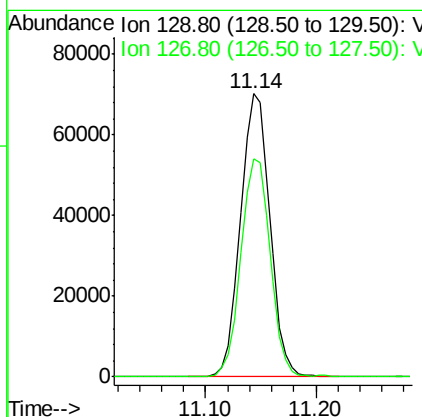
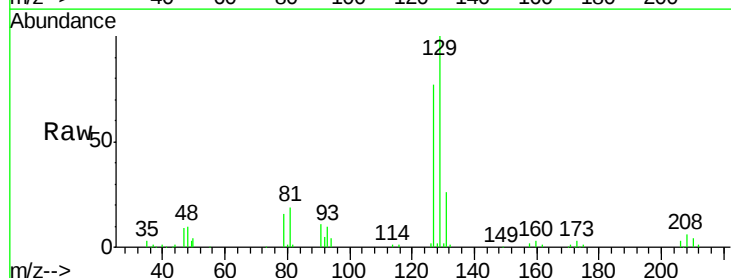
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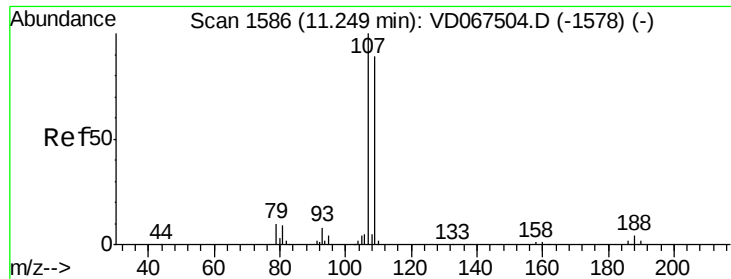
MMDadoda
11/17/2020 6:58:00 PM



#60
Dibromochloromethane
Concen: 52.752 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:129 Resp: 131962
Ion Ratio Lower Upper
129 100
127 76.7 38.0 114.1





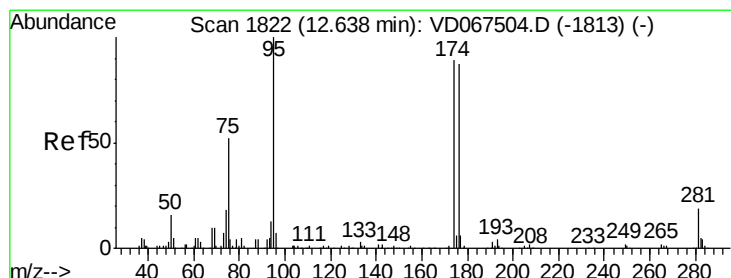
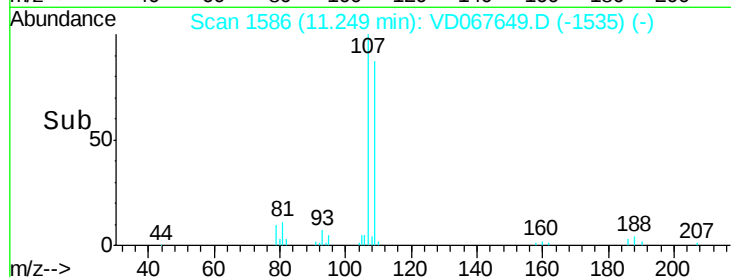
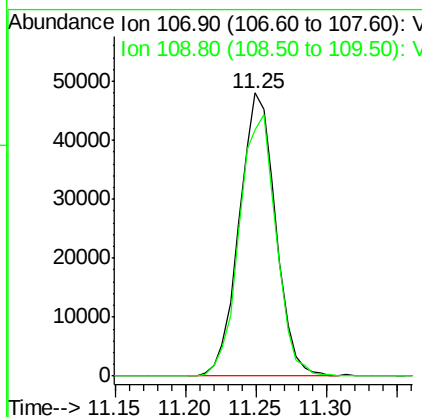
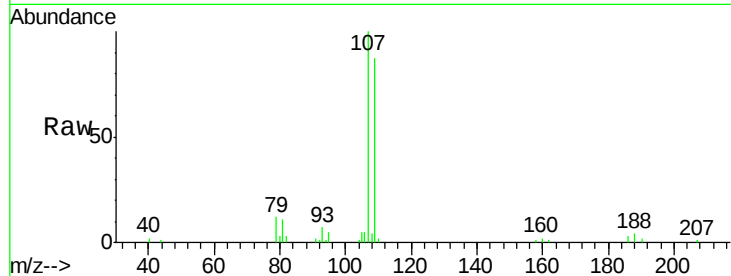
#61
 1,2-Dibromoethane
 Concen: 51.042 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 86630
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 111.8

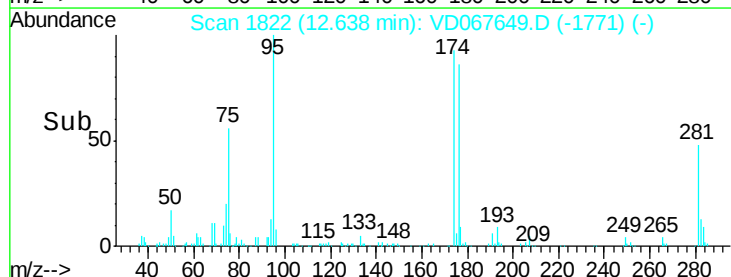
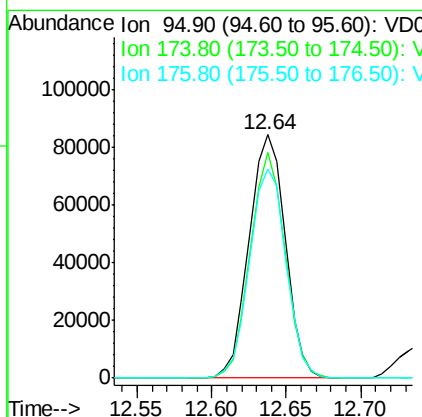
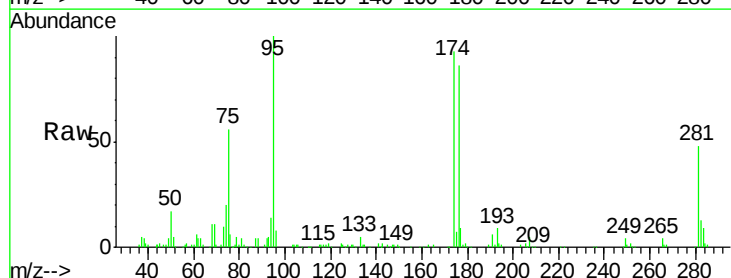
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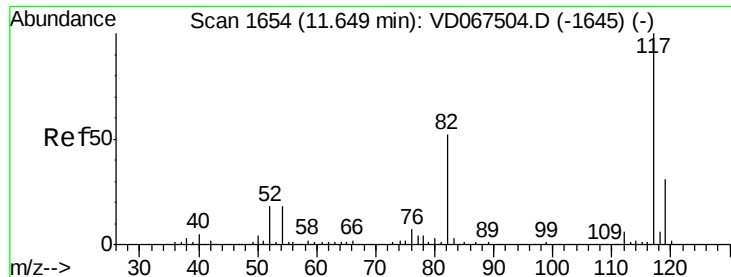
MMDadoda
 11/17/2020 6:58:00 PM



#62
 4-Bromofluorobenzene
 Concen: 48.455 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion: 95 Resp: 142026
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 177.8
 176 86.2 0.0 172.0





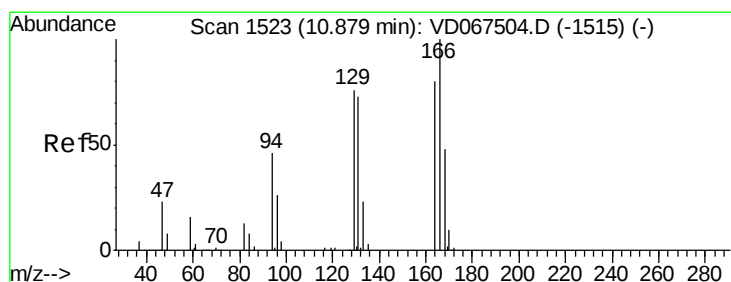
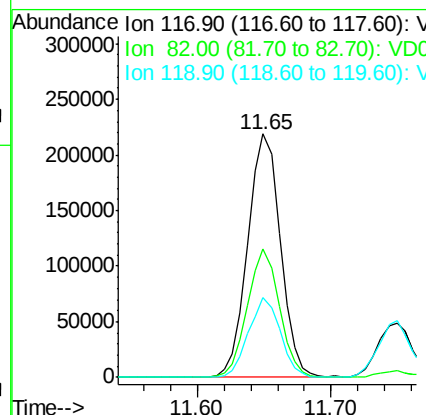
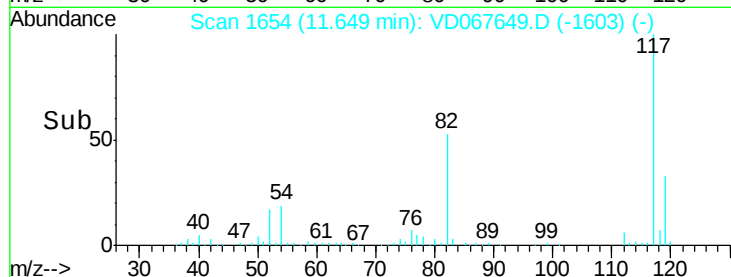
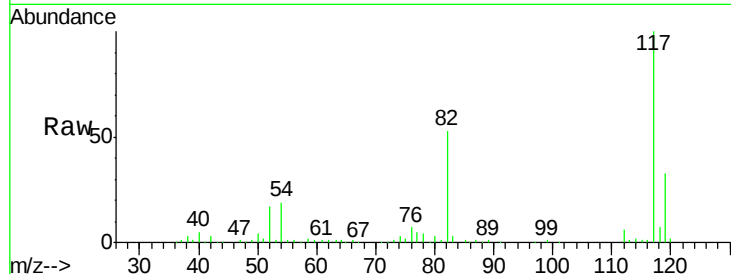
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.6	62.4
119	32.7	25.1	37.7

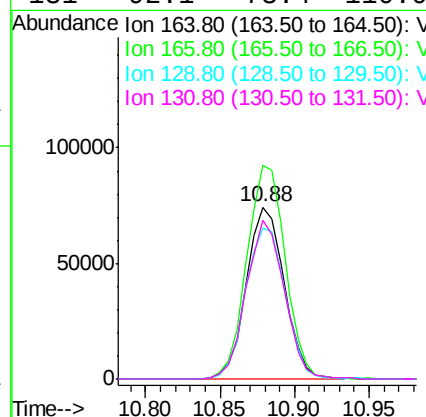
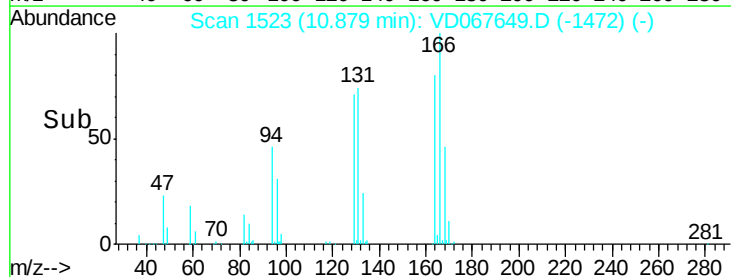
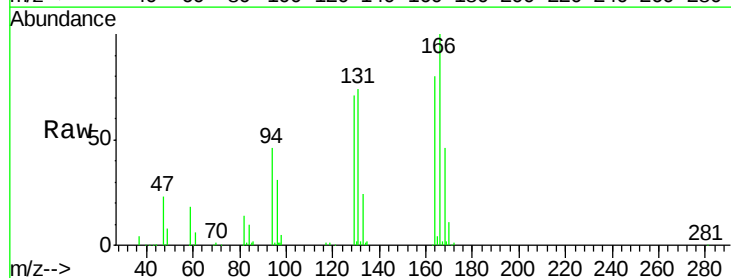
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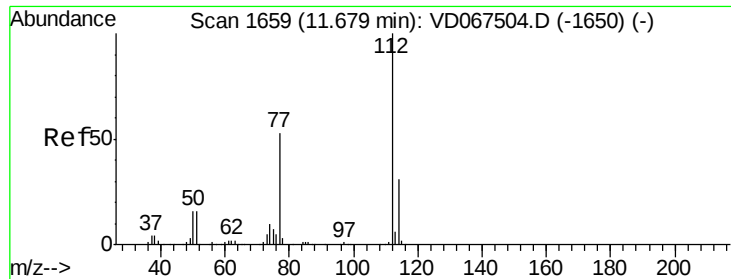
MMDadoda
11/17/2020 6:58:00 PM



#64
Tetrachloroethene
Concen: 47.455 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	99.9	149.9
129	87.9	75.5	113.3
131	92.1	73.4	110.0





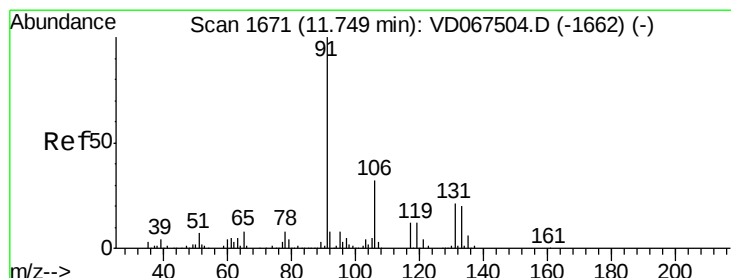
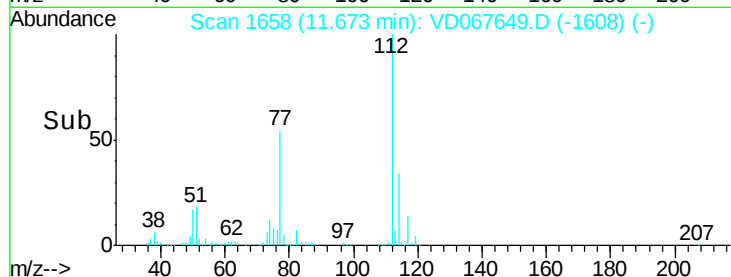
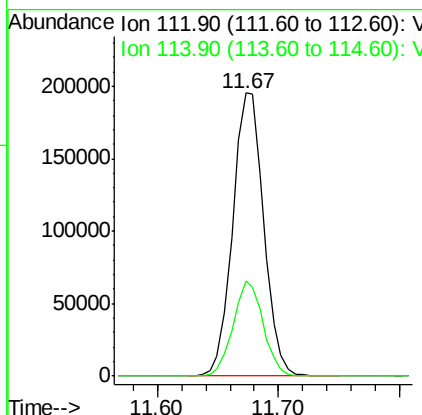
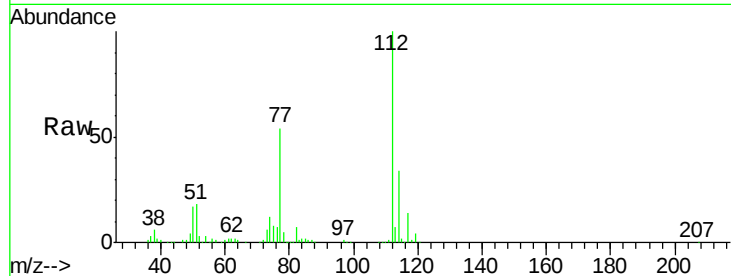
#65
Chlorobenzene
Concen: 48.909 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.6	24.9	37.3

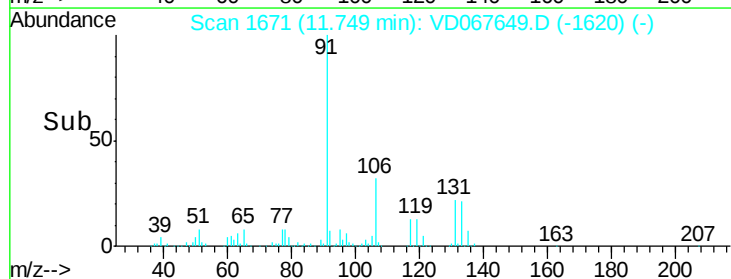
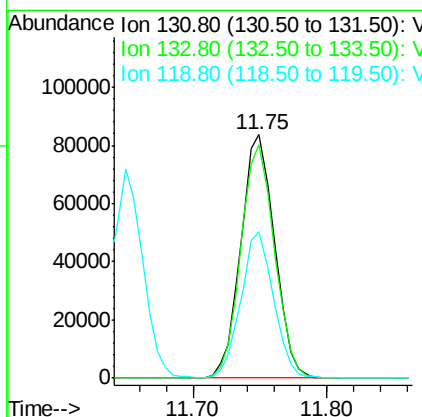
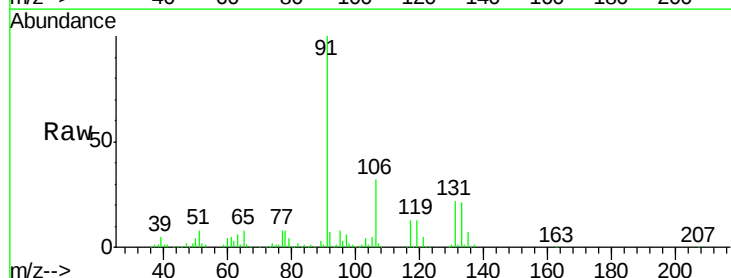
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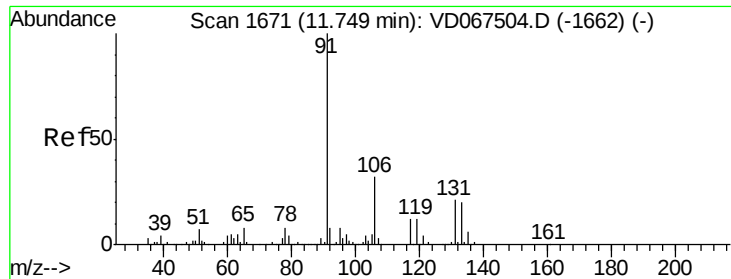
MMDadoda
11/17/2020 6:58:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.986 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	48.0	144.0
119	58.1	30.1	90.5





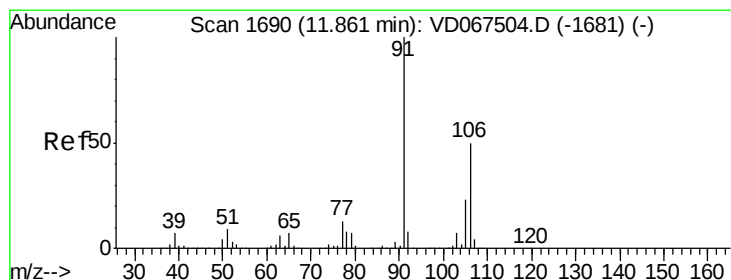
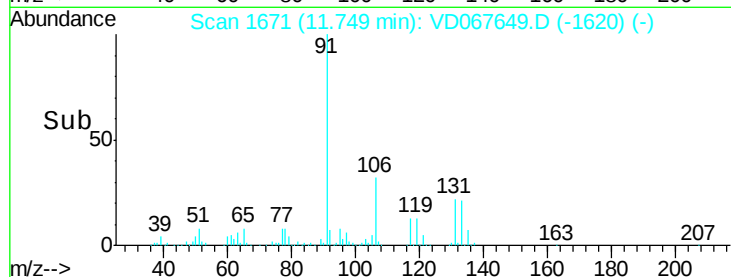
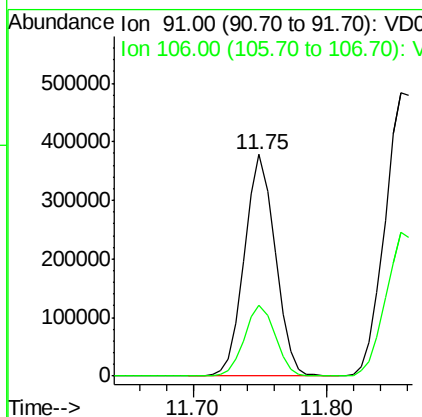
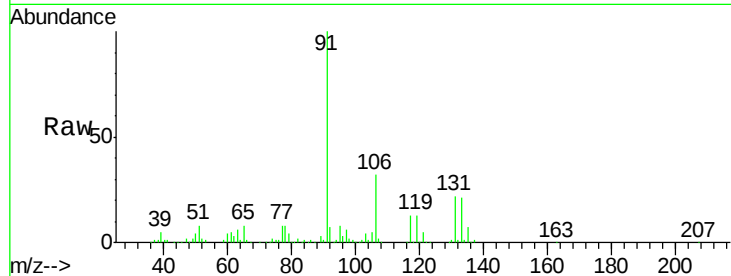
#67
Ethyl Benzene
Concen: 49.582 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 605526
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

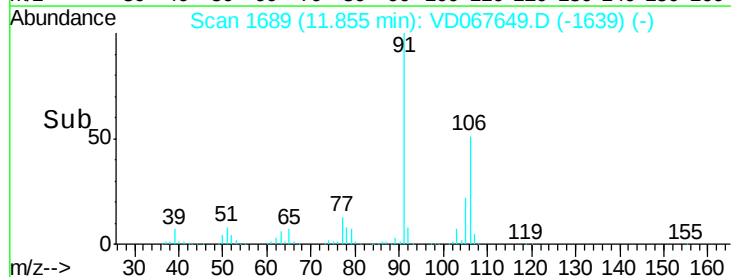
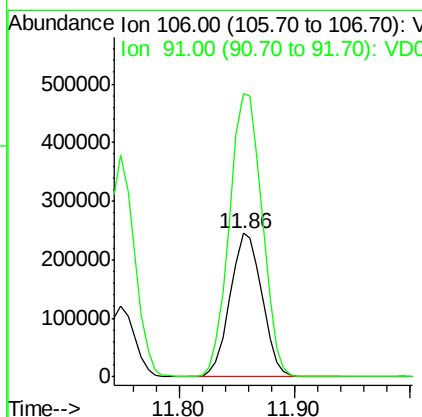
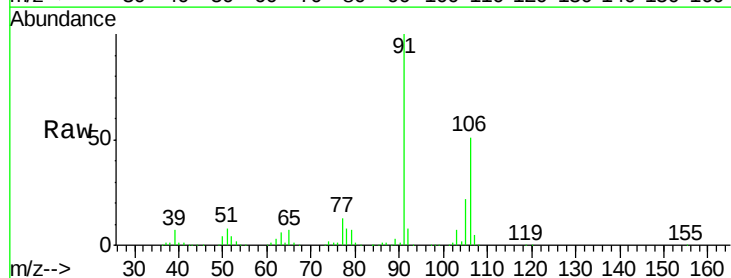
Manual Integrations
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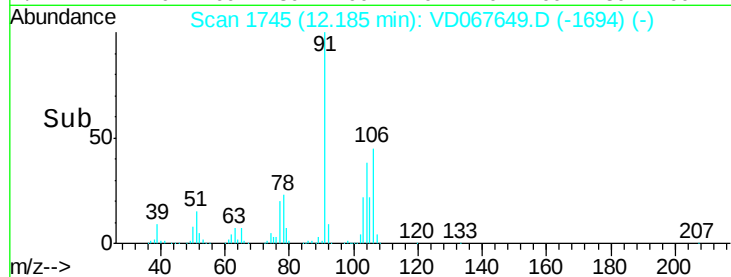
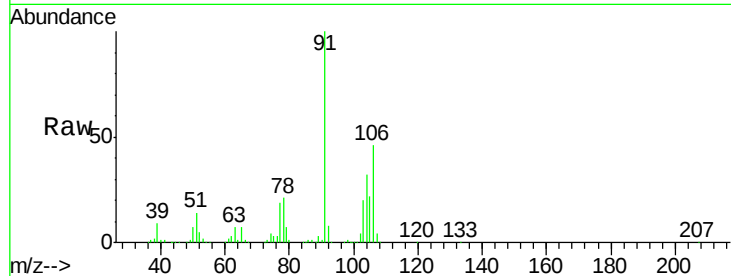
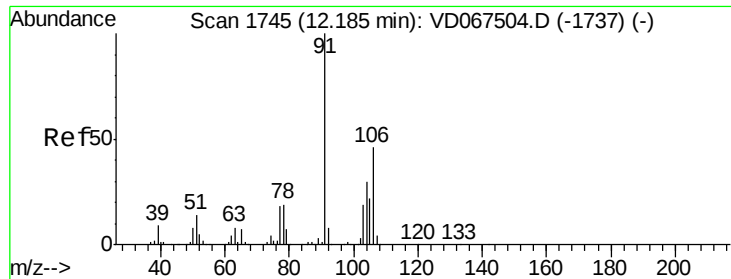
MMDadoda
11/17/2020 6:58:00 PM



#68
m/p-Xylenes
Concen: 98.759 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion: 106 Resp: 469226
Ion Ratio Lower Upper
106 100
91 203.2 162.6 244.0





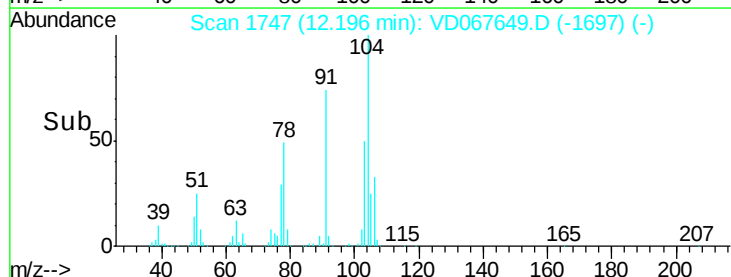
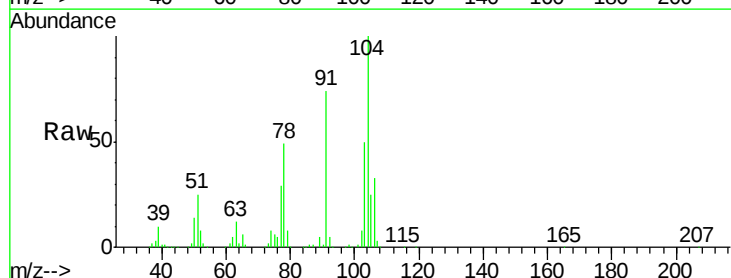
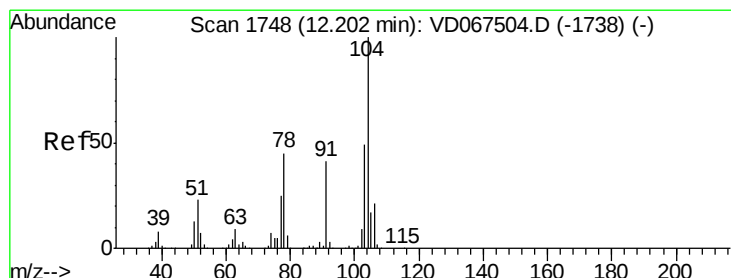
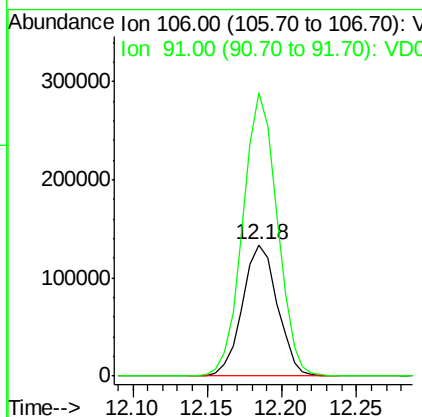
#69
o-Xylene
Concen: 51.265 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tot Ion:106 Resp: 217468
Ion Ratio Lower Upper
106 100
91 212.4 107.1 321.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

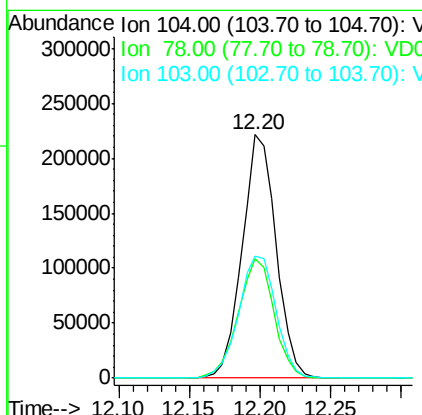
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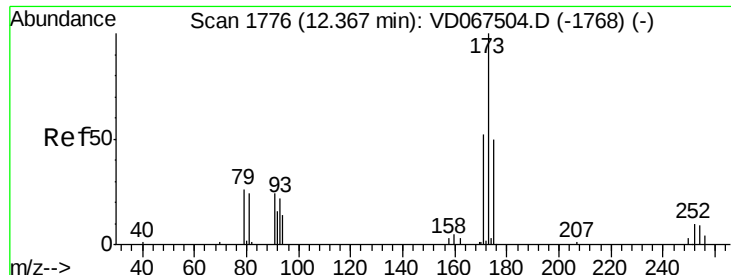
MMDadoda
11/17/2020 6:58:00 PM



#70
Styrene
Concen: 50.366 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion:104 Resp: 372295
Ion Ratio Lower Upper
104 100
78 51.9 39.8 59.8
103 55.7 43.9 65.9





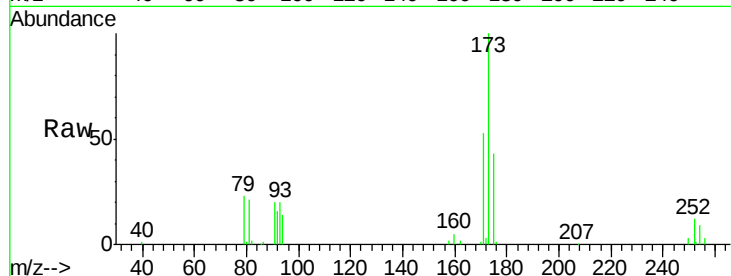
#71
Bromoform
Concen: 52.899 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.1	72.2
254	0.0	0.0	0.0

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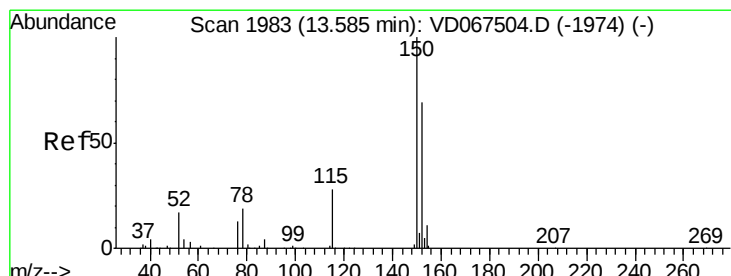
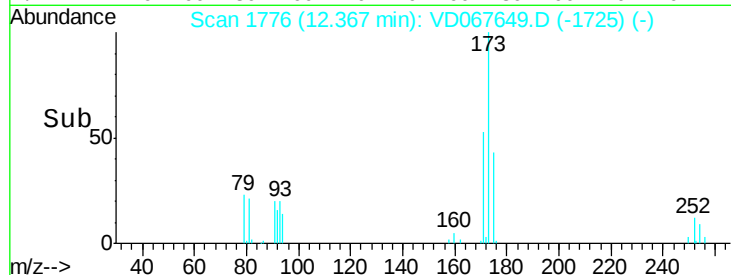
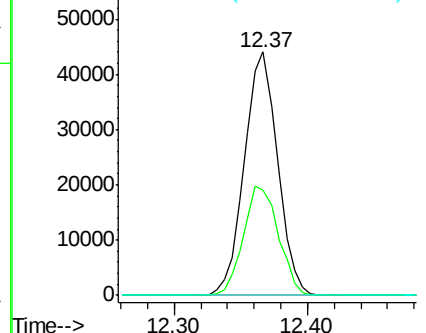


Abundance

Ion 172.70 (172.40 to 173.40): V

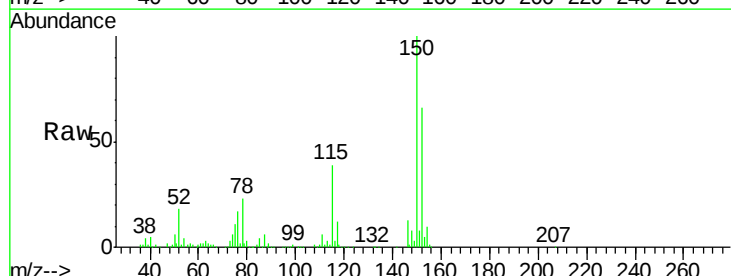
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	168.4	0.0	338.2

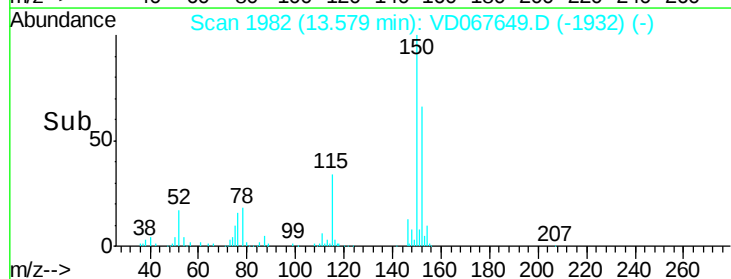
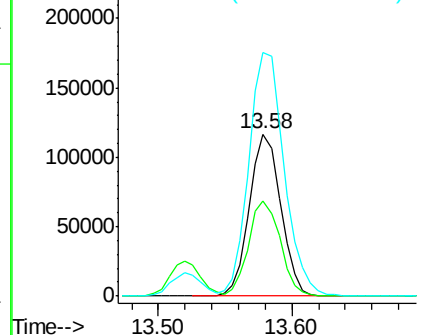


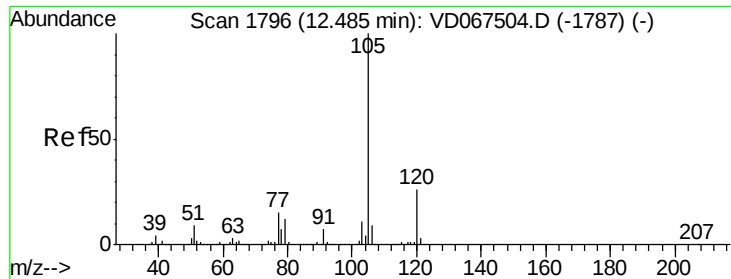
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





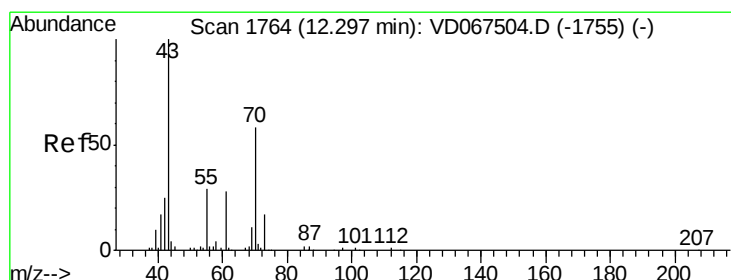
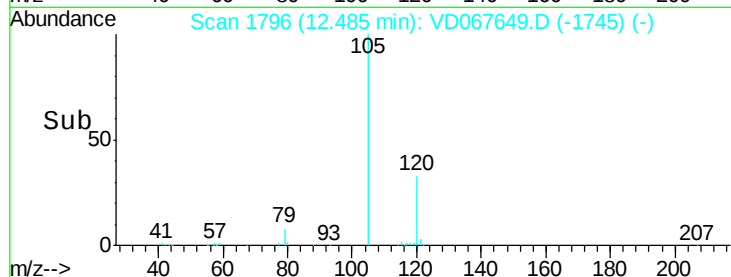
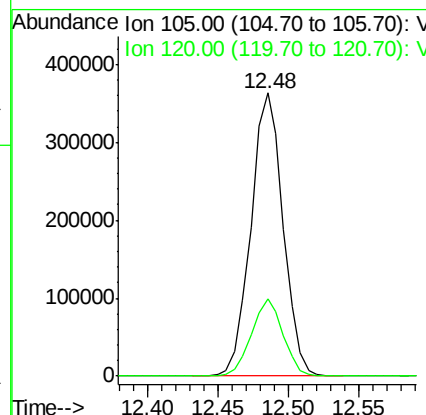
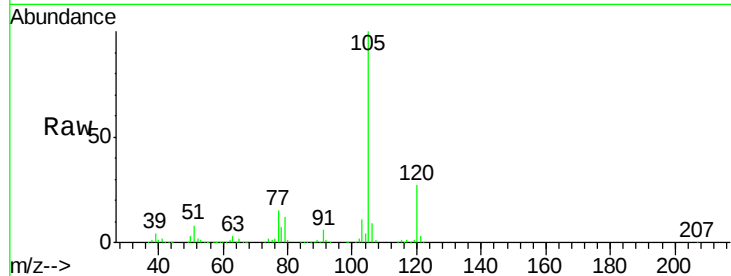
#73
Isopropylbenzene
Concen: 47.297 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.6

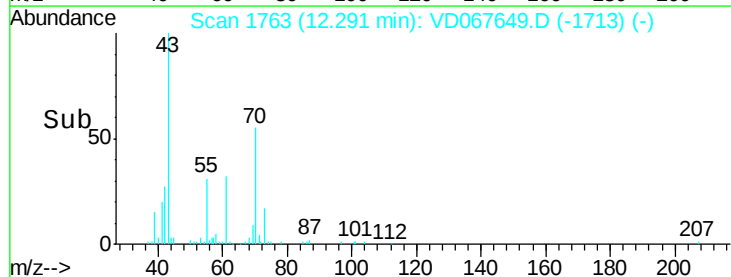
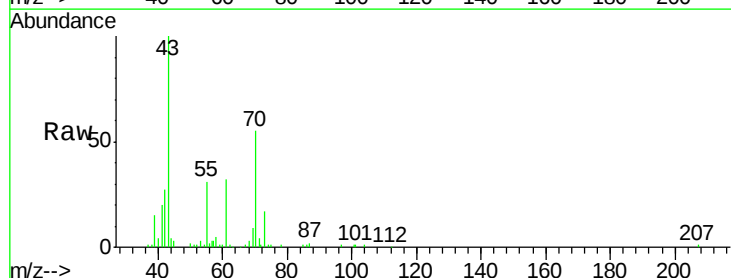
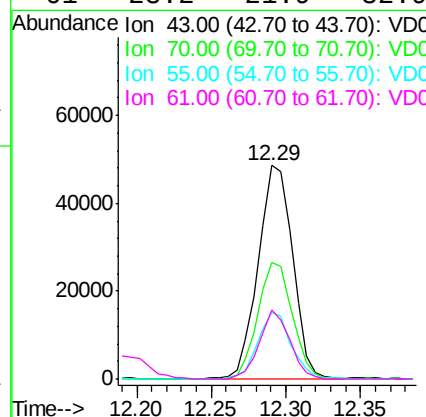
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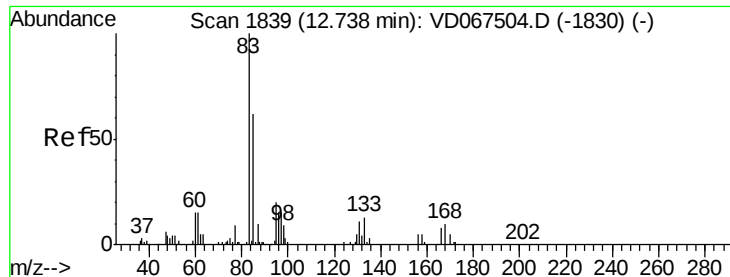
MMDadoda
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#74
N-ethyl acetate
Concen: 48.222 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	54.6	42.6	64.0
55	30.1	23.7	35.5
61	28.2	21.9	32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.476 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

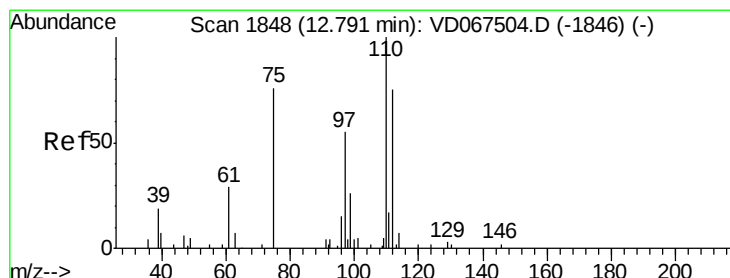
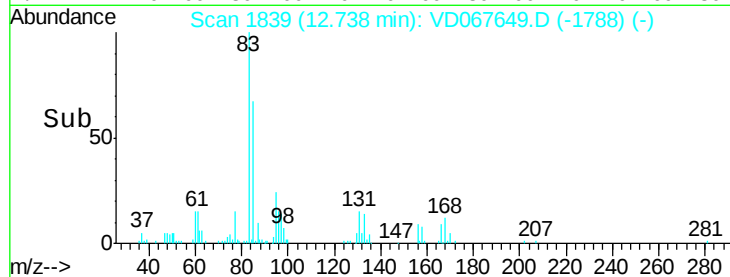
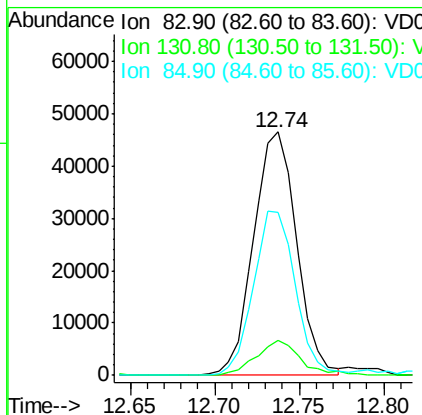
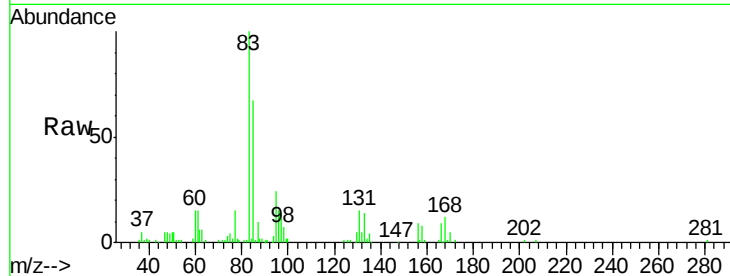
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	82740
Ion Ratio	Lower	Upper	
83	100		
131	14.7	7.1	21.3
85	65.6	32.9	98.7

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11/17/2020 6:58:00 PM



#76

1,2,3-Trichloropropane

Concen: 45.915 ug/l m

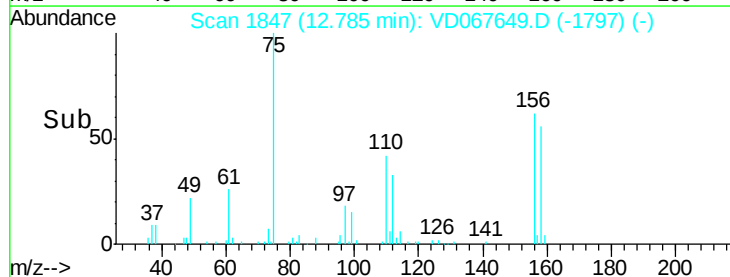
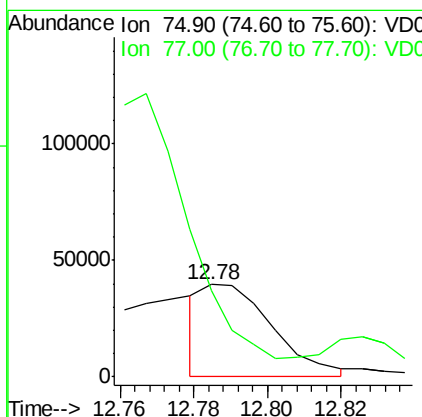
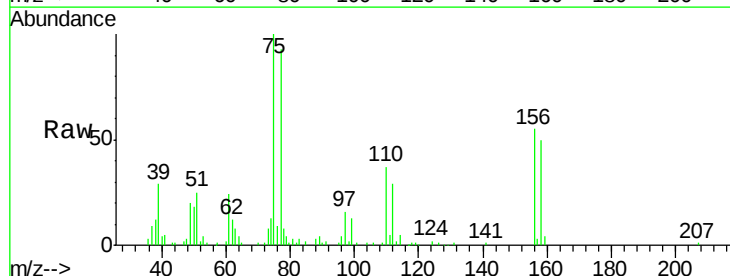
RT: 12.78 min Scan# 1847

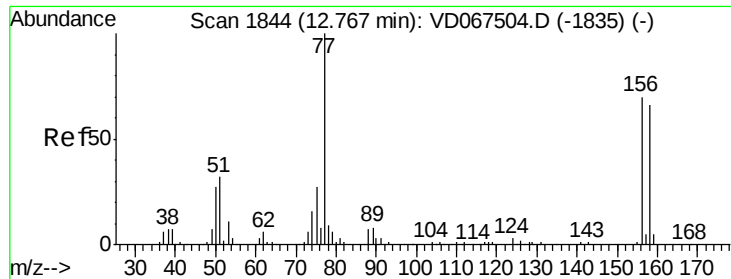
Delta R.T. -0.01 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	75	Resp:	52561
Ion Ratio	Lower	Upper	
75	100		
77	427.2	0.0	0.0#





#77

Bromobenzene

Concen: 49.577 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

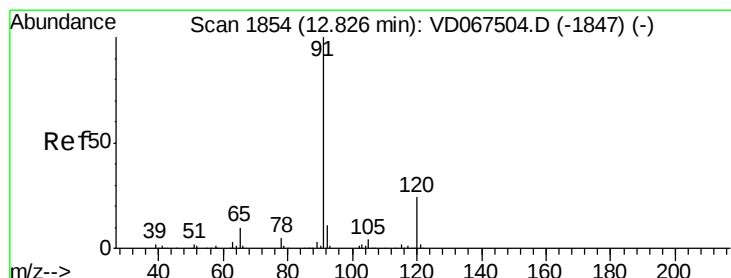
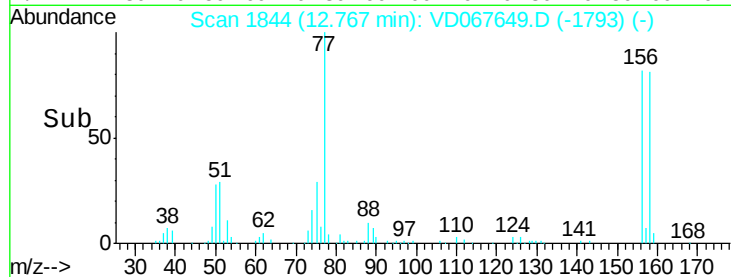
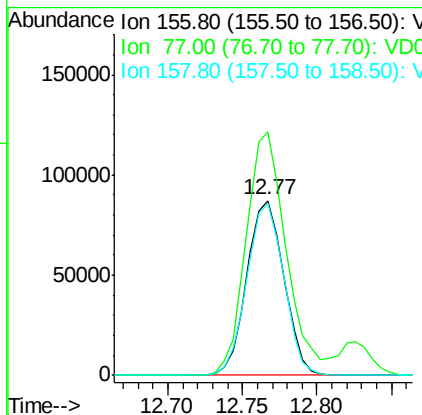
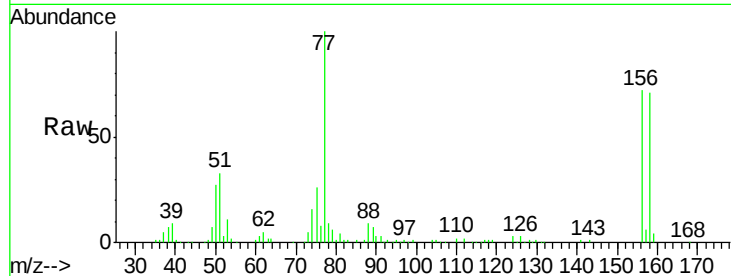
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	149319
Ion Ratio	Lower	Upper	
156	100		
77	150.4	77.8	233.5
158	98.2	47.9	143.7

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#78

n-propylbenzene

Concen: 45.813 ug/l

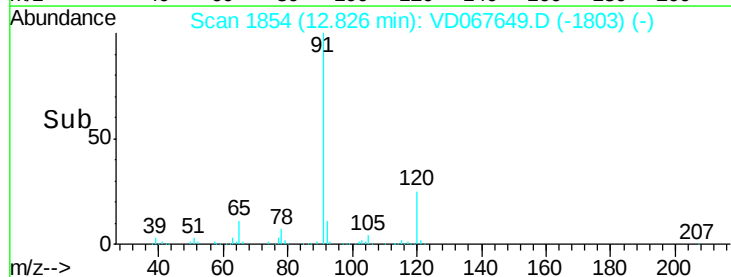
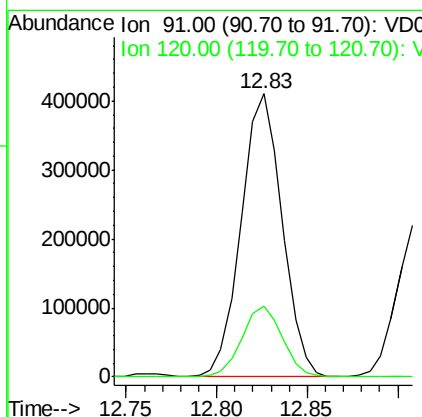
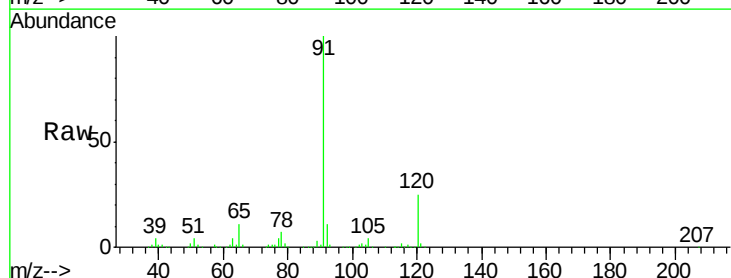
RT: 12.83 min Scan# 1854

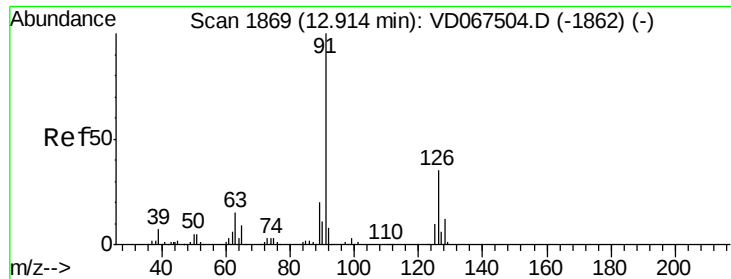
Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	91	Resp:	642651
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.4





#79

2-Chlorotoluene

Concen: 49.130 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 391488

Ion Ratio Lower Upper

91 100

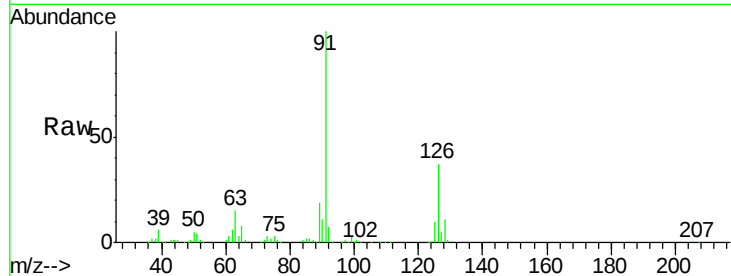
126 36.3 17.8 53.4

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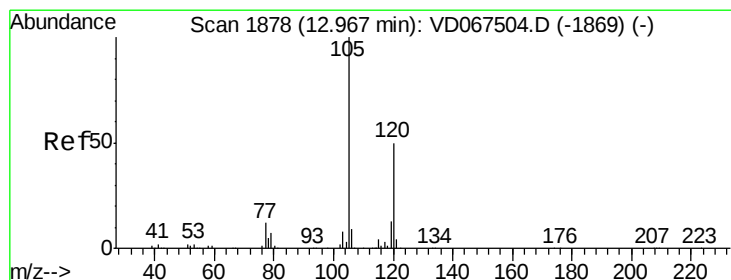
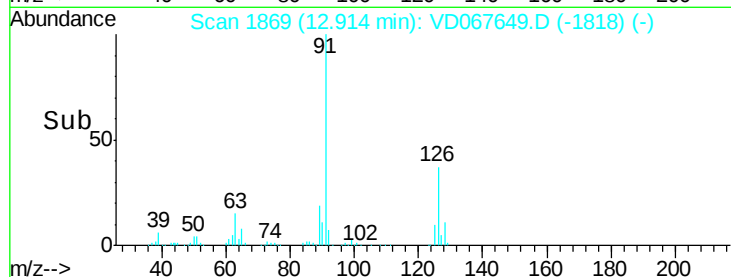
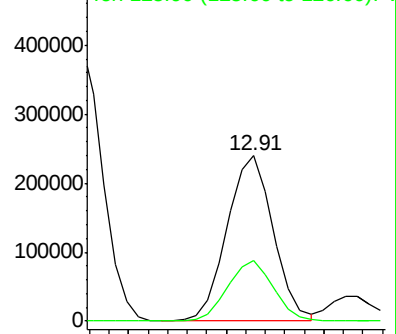
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Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.168 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.01 min

Lab File: VD067649.D

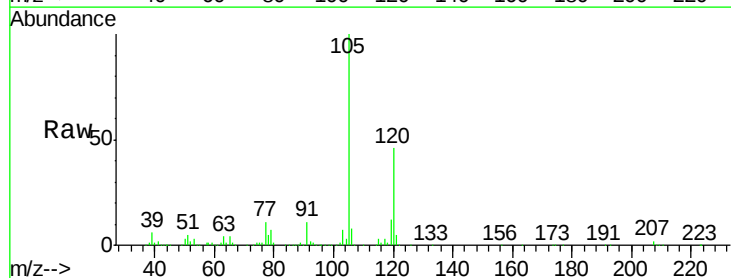
Acq: 16 Nov 2020 19:02

Tgt Ion: 105 Resp: 504623

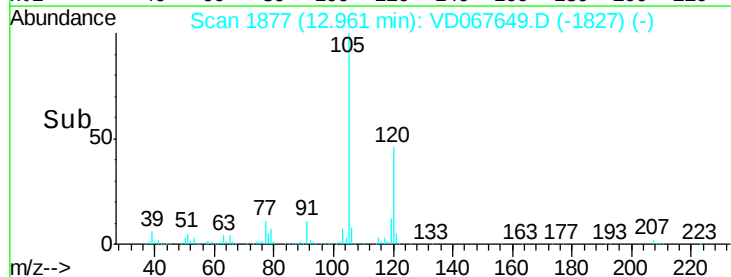
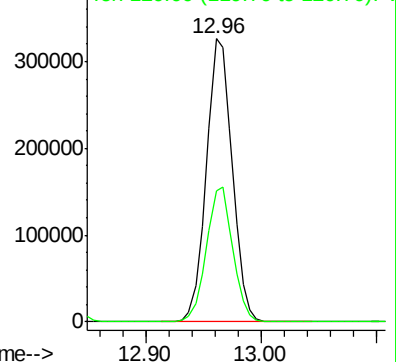
Ion Ratio Lower Upper

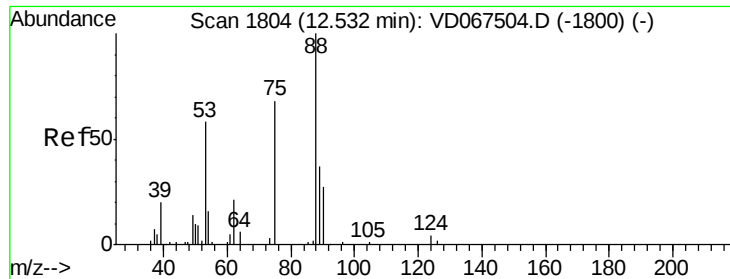
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.209 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Instrument :

MSVOA_D

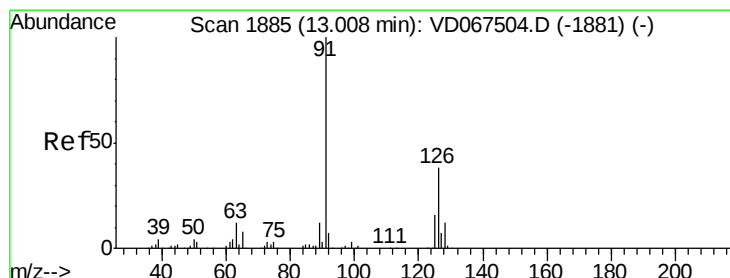
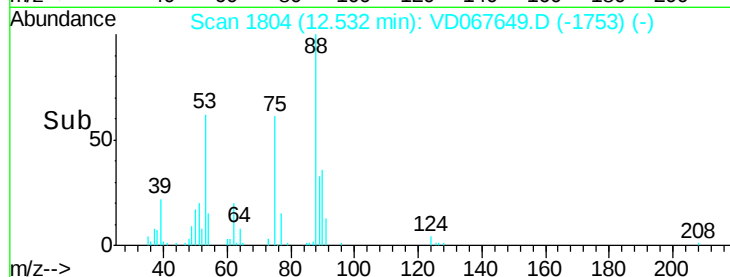
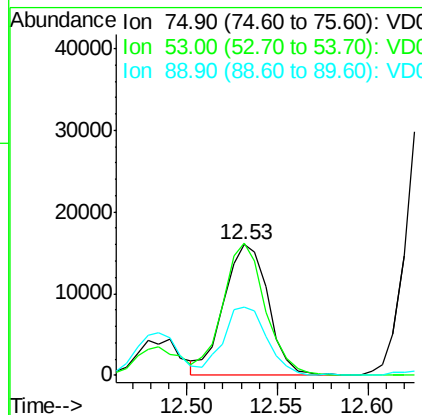
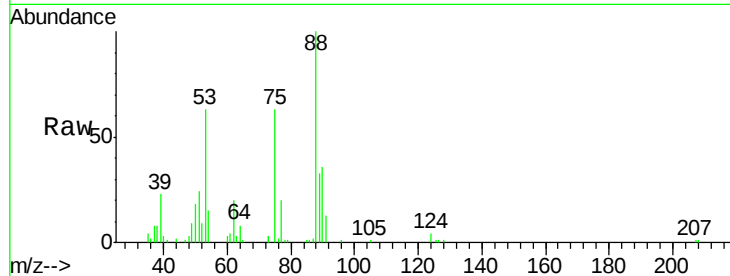
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	27182
Ion	Ratio	Lower	Upper
75	100		
53	97.2	75.9	113.9
89	51.0	44.6	67.0

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#82

4-Chlorotoluene

Concen: 48.929 ug/l

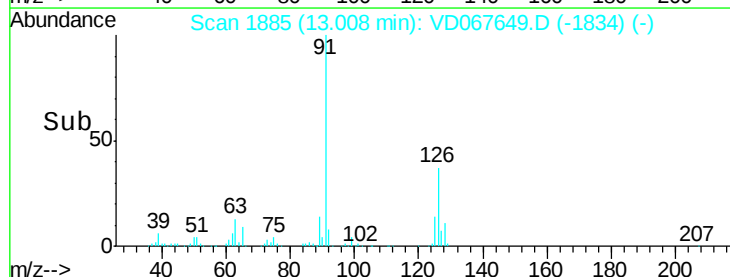
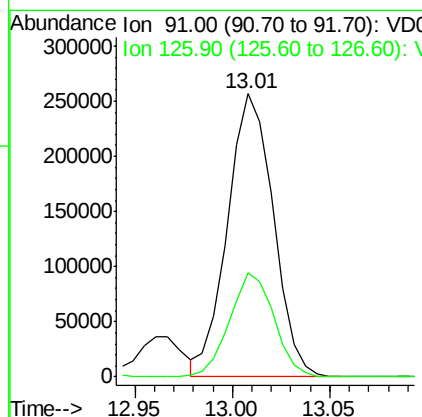
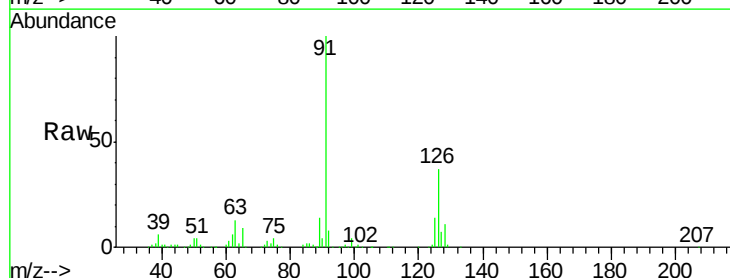
RT: 13.01 min Scan# 1885

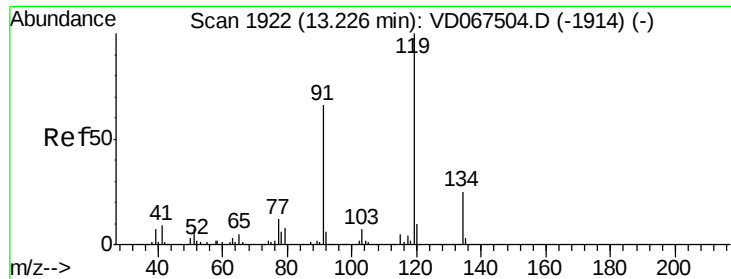
Delta R.T. -0.00 min

Lab File: VD067649.D

Acq: 16 Nov 2020 19:02

Tgt Ion:	91	Resp:	418152
Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.7





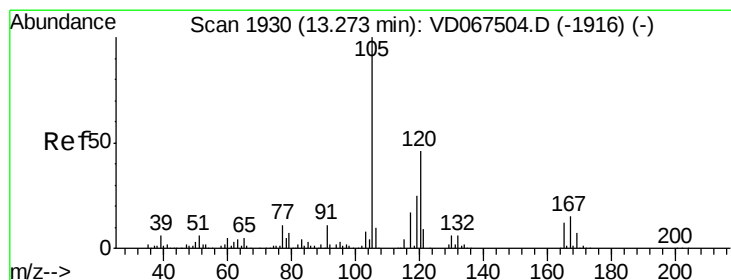
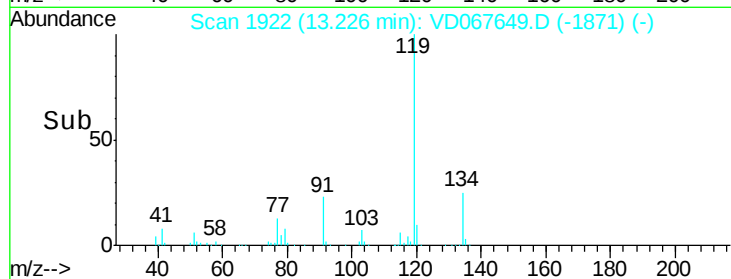
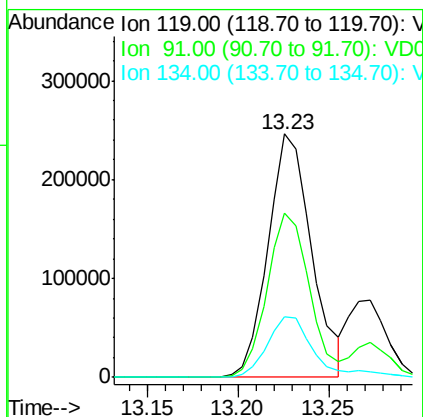
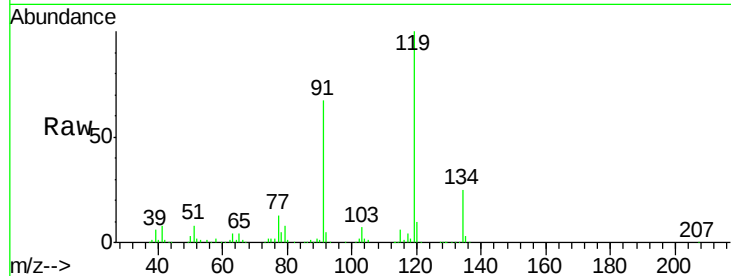
#83
tert-Butylbenzene
Concen: 46.424 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	412190		
91	65.6	32.7	98.1	
134	27.0	13.4	40.2	

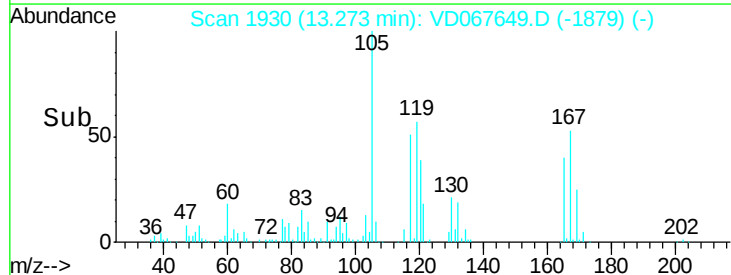
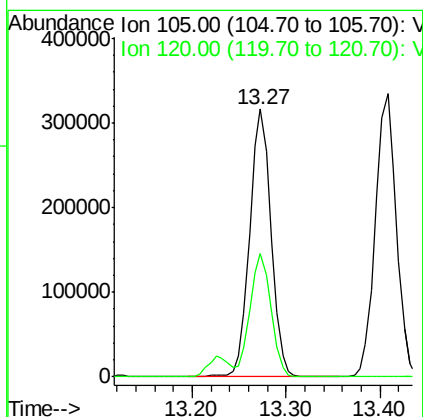
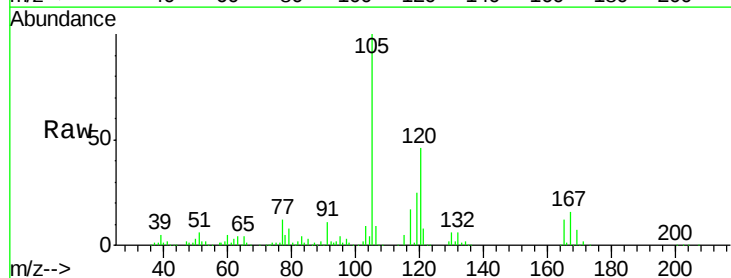
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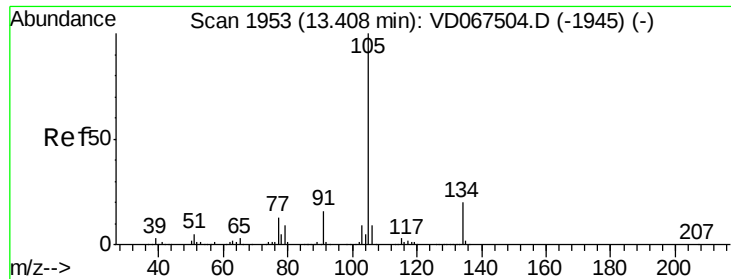
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#84
1,2,4-Trimethylbenzene
Concen: 47.773 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498188		
120	45.4	22.1	66.1	





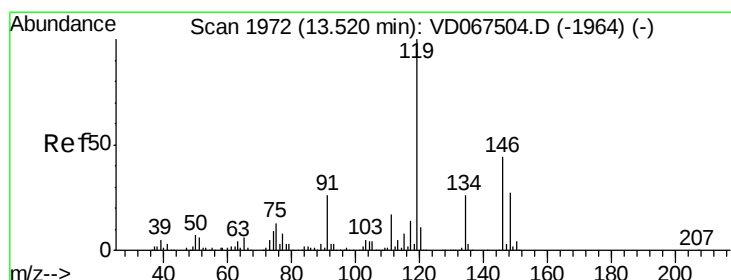
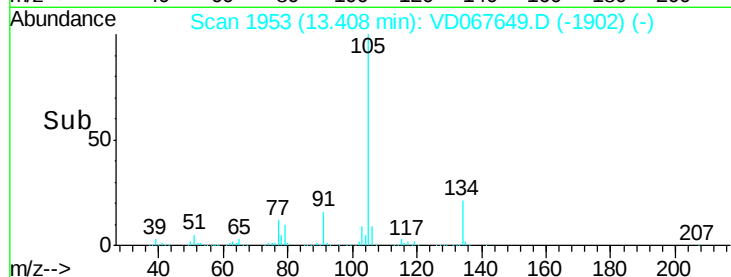
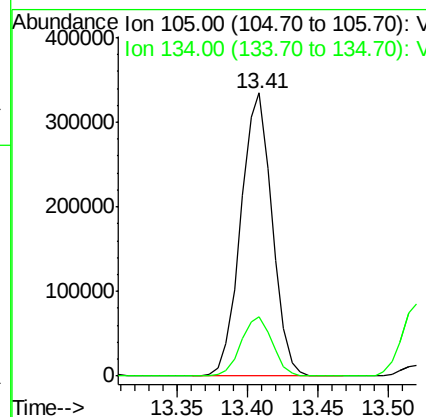
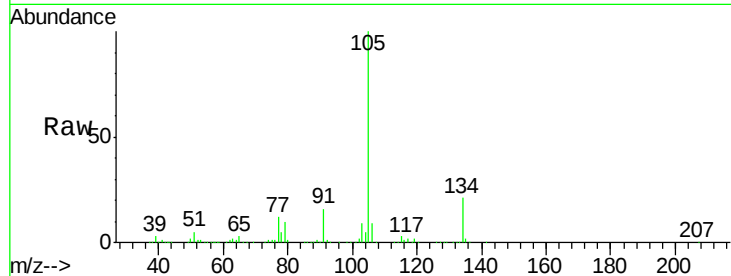
#85
 sec-Butylbenzene
 Concen: 43.226 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.4	31.4

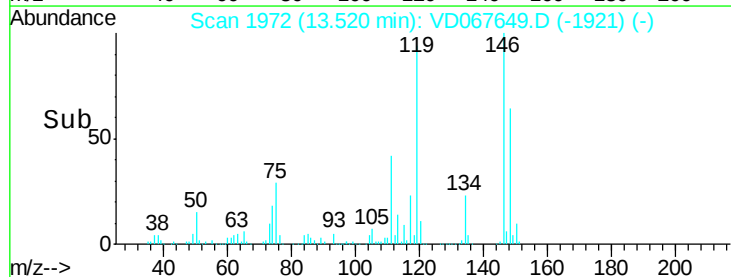
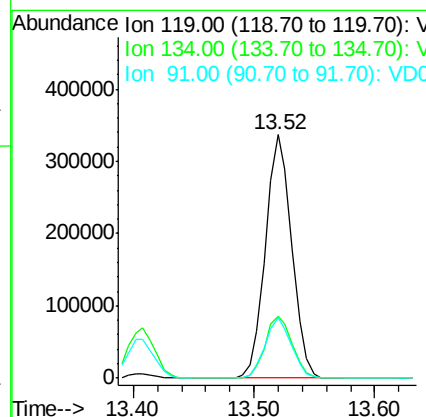
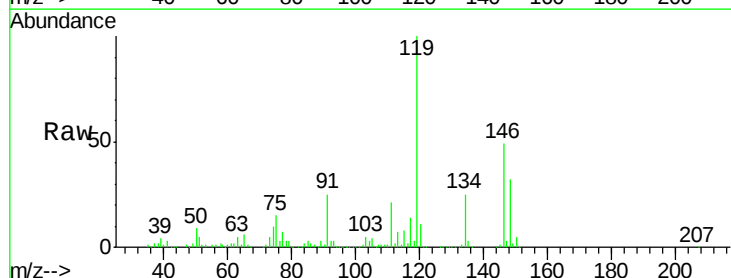
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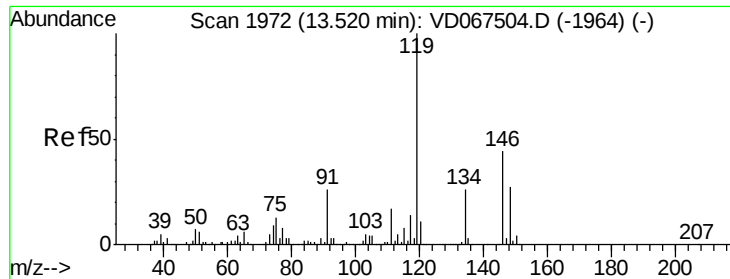
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#86
 p-Isopropyltoluene
 Concen: 43.820 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	24.5	12.2	36.4





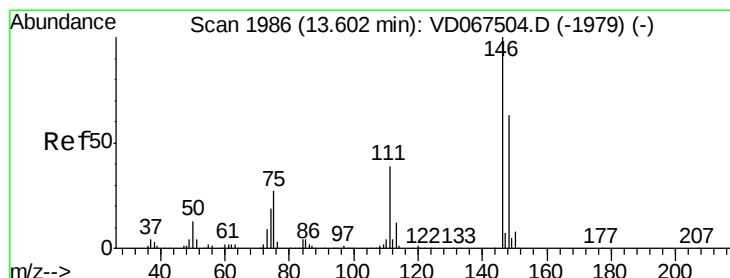
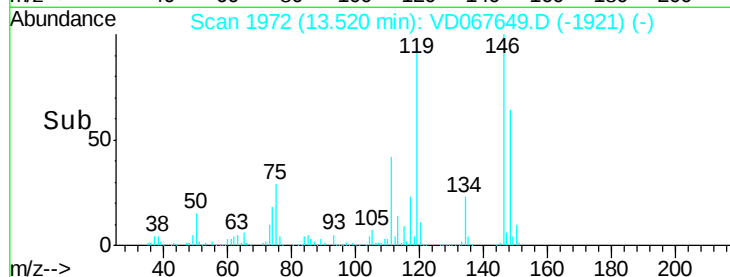
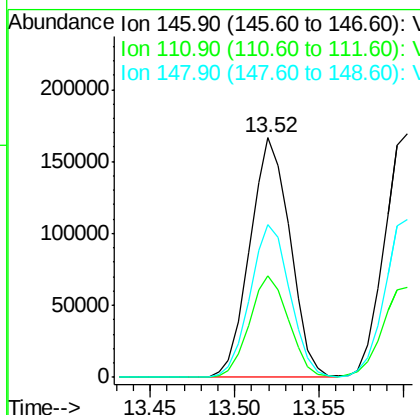
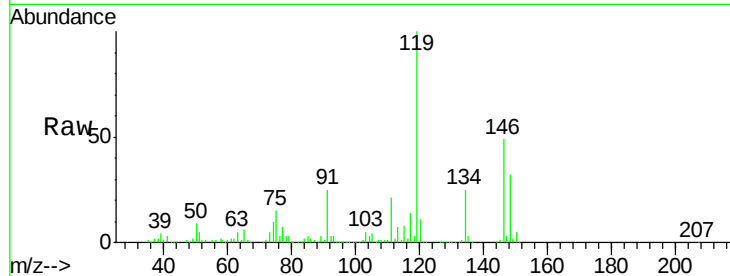
#87
 1,3-Dichlorobenzene
 Concen: 47.909 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.3	60.8
148	63.4	31.9	95.9

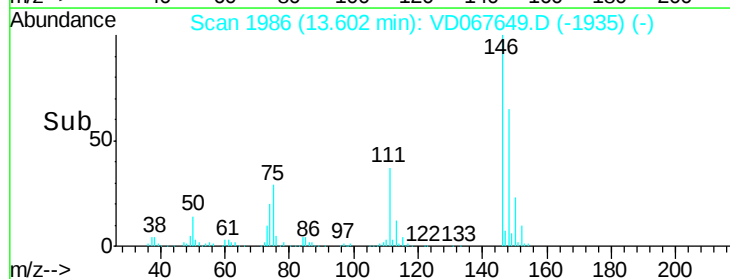
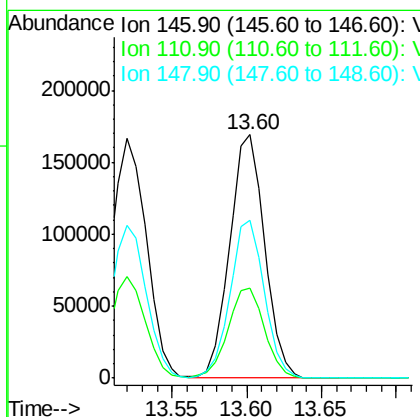
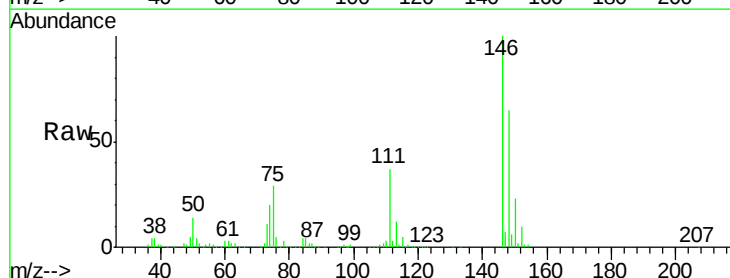
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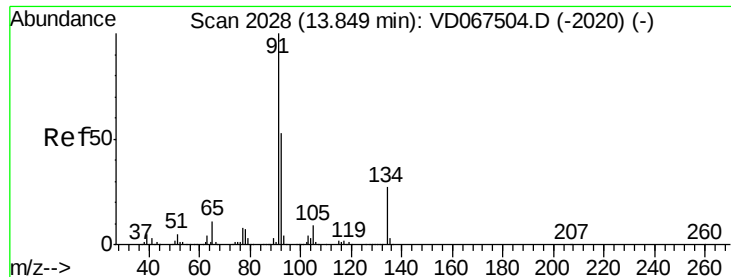
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#88
 1,4-Dichlorobenzene
 Concen: 47.566 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	63.7	31.8	95.4





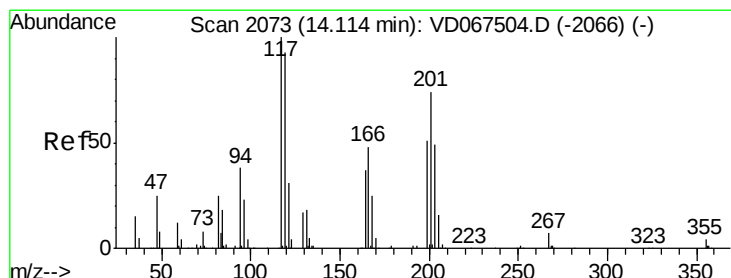
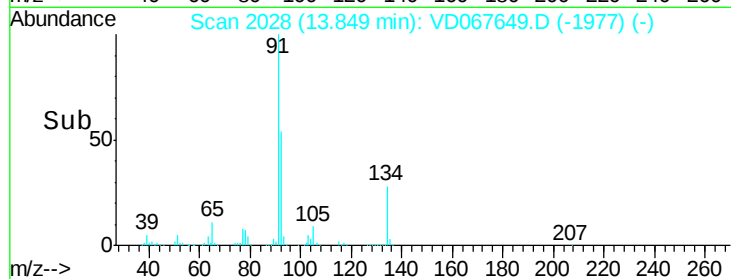
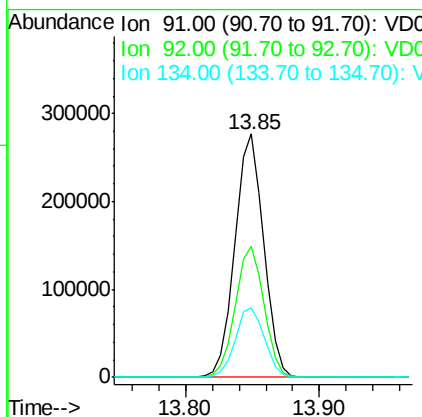
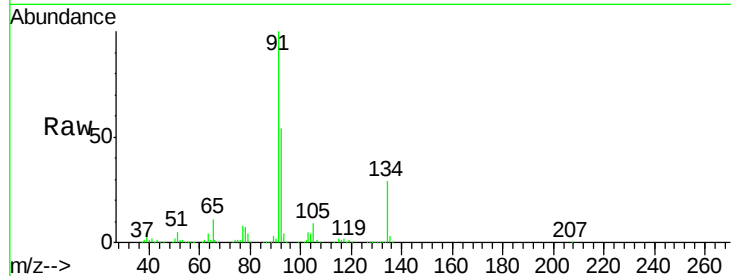
#89
n-Butylbenzene
Concen: 41.240 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.8
134	29.0	14.1	42.2

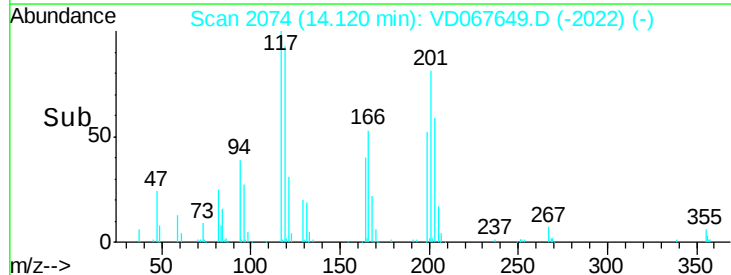
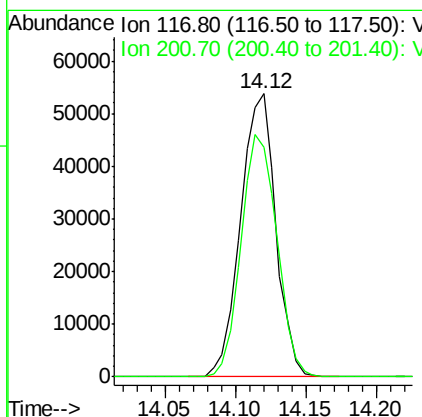
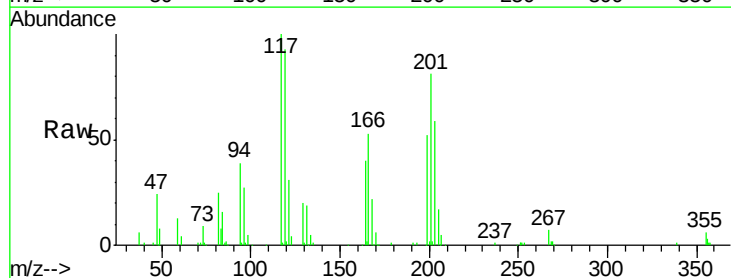
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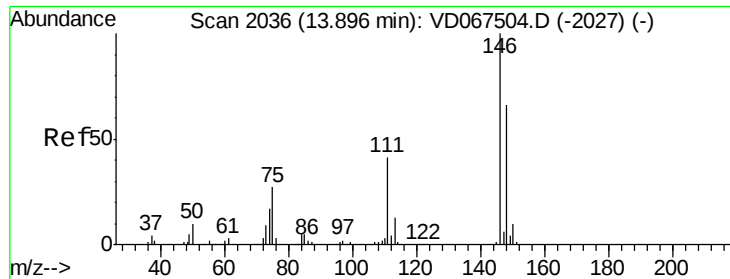
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#90
Hexachloroethane
Concen: 43.057 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	40.7	122.1





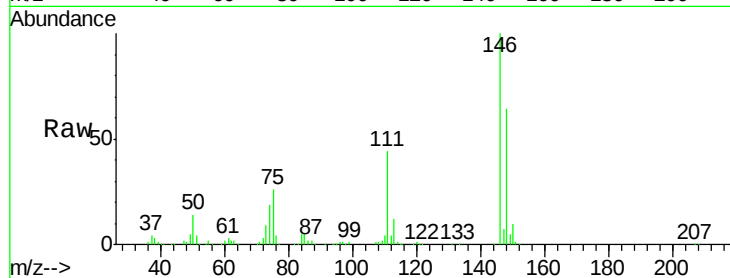
#91
 1,2-Dichlorobenzene
 Concen: 48.038 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

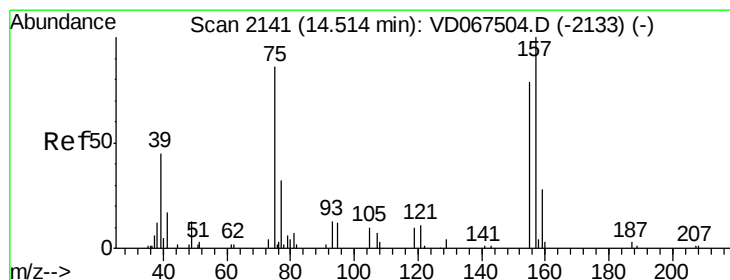
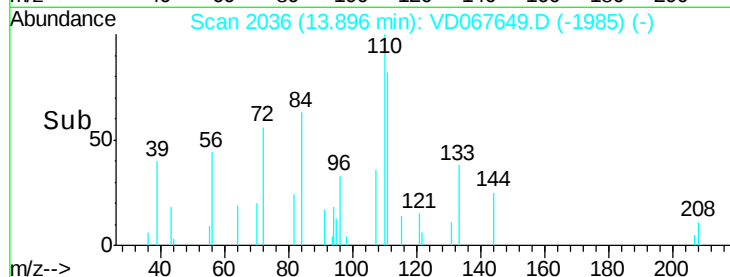
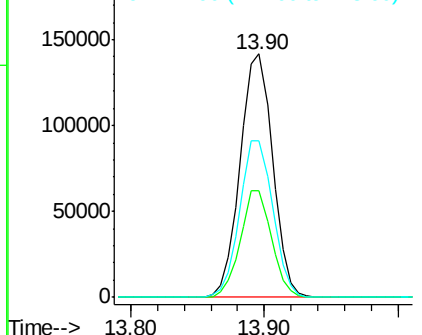
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	65.6	31.5	94.5

Manual Integrations
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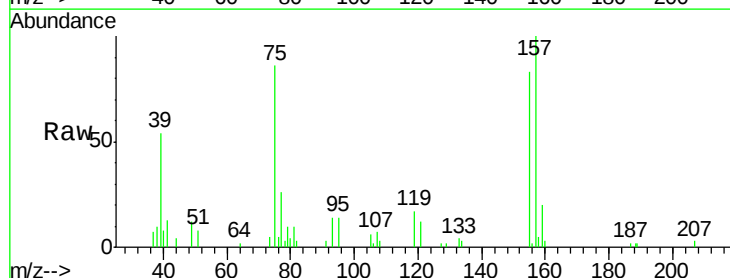


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

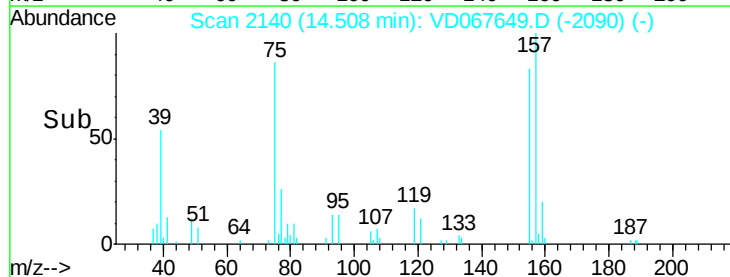
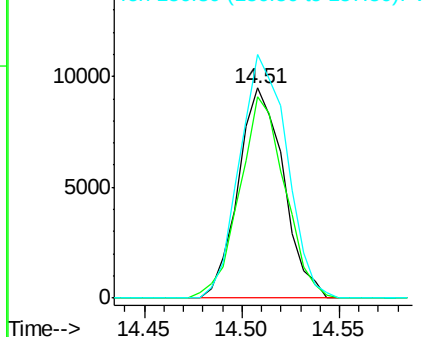


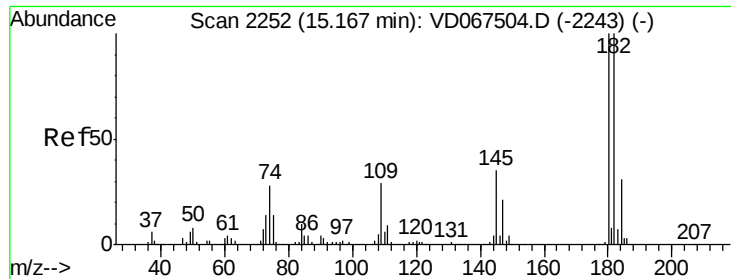
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.522 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067649.D
 Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	46.6	139.8
157	121.1	58.1	174.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





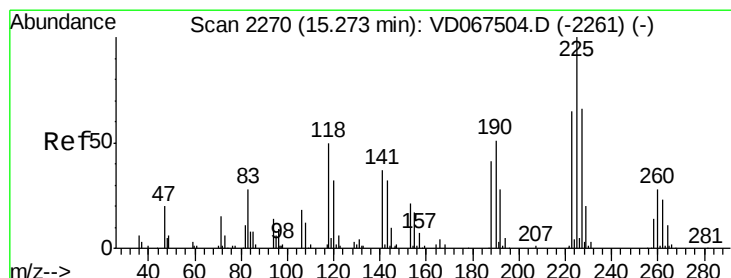
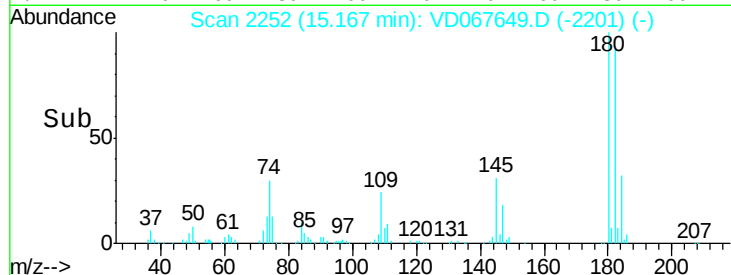
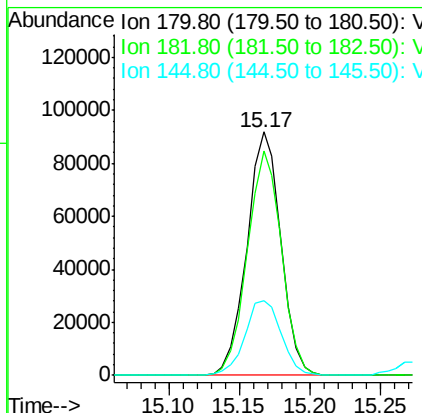
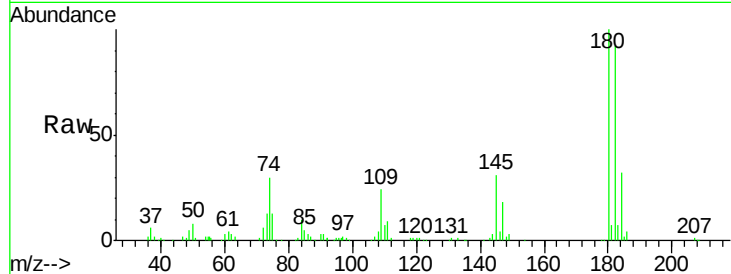
#93
1,2,4-Trichlorobenzene
Concen: 45.887 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154908		
182	92.7	47.4	142.3	
145	32.9	16.2	48.6	

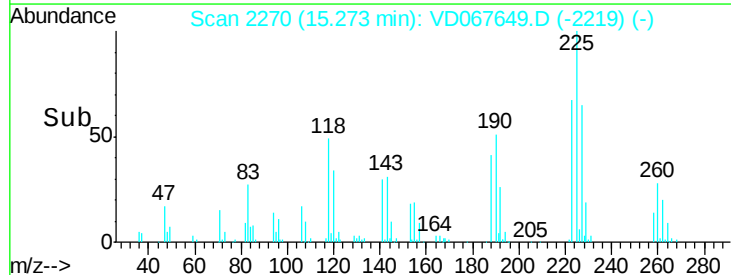
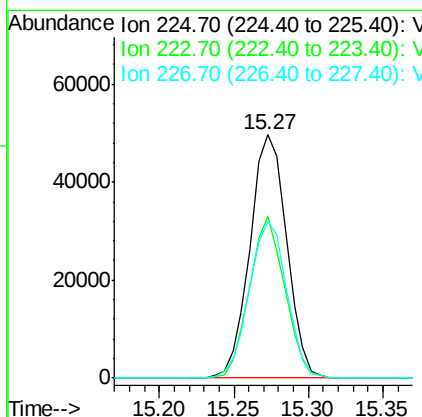
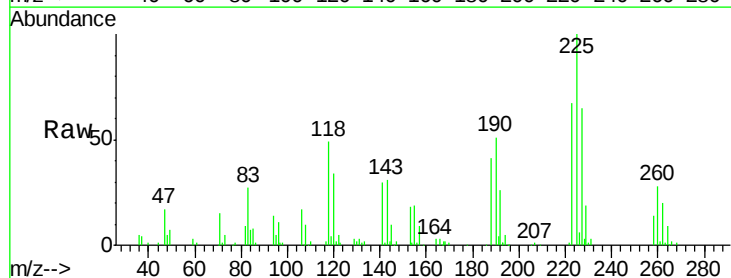
Manual Integrations
APPROVED

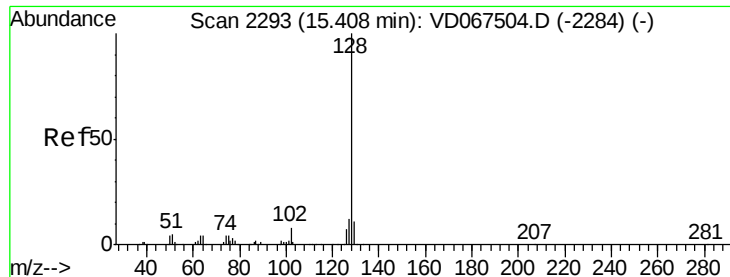
MMDadoda
11/17/2020 6:58:00 PM



#94
Hexachlorobutadiene
Concen: 37.402 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84504		
223	64.2	31.9	95.5	
227	65.9	32.5	97.4	





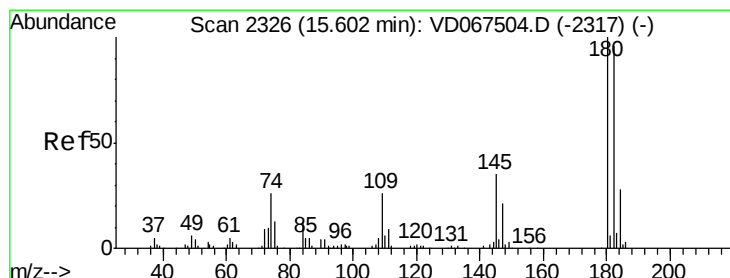
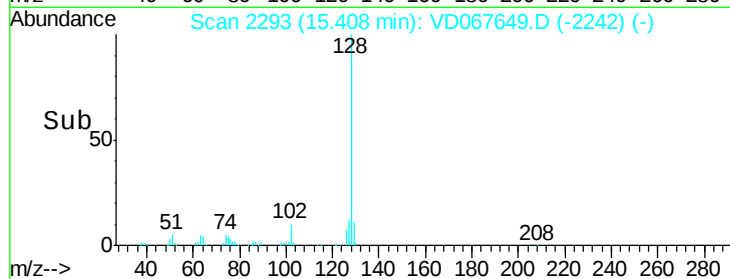
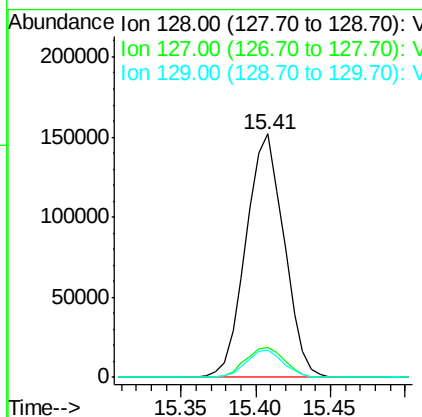
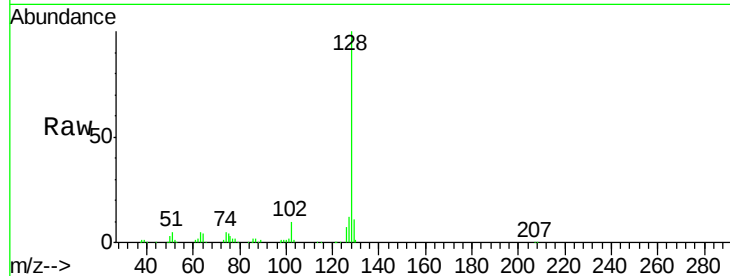
#95
Naphthalene
Concen: 51.529 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
11/17/2020 6:58:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.315 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD067649.D
Acq: 16 Nov 2020 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.9	140.8
145	34.1	17.1	51.2

