

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067954.D
 Acq On : 28 Dec 2020 11:46
 Operator : VA/SY
 Sample : VD1228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/29/2020 11:32:51 AM

Quant Time: Dec 29 00:09:44 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	297102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	494322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	456804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	222254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	150238	46.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.66%
35) Dibromofluoromethane	7.914	113	154367	49.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.12%
50) Toluene-d8	10.344	98	569779	48.67	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.34%
62) 4-Bromofluorobenzene	12.632	95	198616	49.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	57679	19.06	ug/l	94
3) Chloromethane	2.209	50	72793	17.60	ug/l	96
4) Vinyl Chloride	2.350	62	71541	18.56	ug/l	94
5) Bromomethane	2.756	94	48592	16.81	ug/l	98
6) Chloroethane	2.921	64	42699	18.02	ug/l	100
7) Trichlorofluoromethane	3.268	101	120291	21.17	ug/l	99
8) Diethyl Ether	3.709	74	29129	17.88	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	71823	21.21	ug/l	99
10) Methyl Iodide	4.297	142	55893	18.78	ug/l	95
11) Tert butyl alcohol	5.215	59	18215	53.87	ug/l #	88
12) 1,1-Dichloroethene	4.068	96	63476	19.54	ug/l	94
13) Acrolein	3.921	56	18627	81.58	ug/l	97
14) Allyl chloride	4.709	41	100391	17.38	ug/l	96
15) Acrylonitrile	5.426	53	70434	90.32	ug/l	98
16) Acetone	4.156	43	61905	101.06	ug/l	91
17) Carbon Disulfide	4.409	76	219719	19.41	ug/l	99
18) Methyl Acetate	4.715	43	32948	18.20	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	131128	19.42	ug/l	92
20) Methylene Chloride	4.962	84	82214	15.63	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	75054	19.33	ug/l	96
22) Diisopropyl ether	6.356	45	215720	18.54	ug/l	96
23) Vinyl Acetate	6.309	43	518250	87.65	ug/l	97
24) 1,1-Dichloroethane	6.267	63	131168	18.63	ug/l	97
25) 2-Butanone	7.209	43	80616	89.24	ug/l	92
26) 2,2-Dichloropropane	7.209	77	111373	20.07	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	78537	18.94	ug/l	99
28) Bromochloromethane	7.544	49	46968	17.69	ug/l	93
29) Tetrahydrofuran	7.561	42	53475	87.51	ug/l	98
30) Chloroform	7.709	83	139881	20.28	ug/l	97
31) Cyclohexane	7.979	56	123199	18.78	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	118236	20.01	ug/l	100
36) 1,1-Dichloropropene	8.109	75	105231	20.03	ug/l	99
37) Ethyl Acetate	7.291	43	40796	19.19	ug/l	98
38) Carbon Tetrachloride	8.097	117	108956	21.71	ug/l	98
39) Methylcyclohexane	9.356	83	123780	20.55	ug/l	98
40) Benzene	8.350	78	306807	20.13	ug/l	96
41) Methacrylonitrile	7.526	41	22584	18.87	ug/l #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	82624	20.10	ug/l	99
43) Isopropyl Acetate	8.450	43	68669	17.60	ug/l	97
44) Trichloroethene	9.114	130	78626	20.58	ug/l	94
45) 1,2-Dichloropropane	9.385	63	77447	19.96	ug/l	99
46) Dibromomethane	9.473	93	37126	19.69	ug/l	98
47) Bromodichloromethane	9.661	83	104131	20.46	ug/l	99
48) Methyl methacrylate	9.461	41	37820	18.75	ug/l	98
49) 1,4-Dioxane	9.461	88	8689	421.93	ug/l	94
51) 4-Methyl-2-Pentanone	10.232	43	189036	93.55	ug/l	99
52) Toluene	10.403	92	194299	20.65	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	94347	20.50	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	113127	19.87	ug/l	100
55) 1,1,2-Trichloroethane	10.803	97	54183	20.56	ug/l	98
56) Ethyl methacrylate	10.661	69	53981	18.23	ug/l	96
57) 1,3-Dichloropropane	10.950	76	90075	19.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	130817	87.78	ug/l	99
59) 2-Hexanone	10.985	43	126107	94.97	ug/l	100
60) Dibromochloromethane	11.144	129	67754	20.75	ug/l	100
61) 1,2-Dibromoethane	11.250	107	49937	19.75	ug/l	98
64) Tetrachloroethene	10.879	164	65339	20.39	ug/l	92
65) Chlorobenzene	11.673	112	191844	19.47	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.744	131	71201	20.24	ug/l	98
67) Ethyl Benzene	11.744	91	348109	19.81	ug/l	99
68) m/p-Xylenes	11.855	106	275337	41.11	ug/l	96
69) o-Xylene	12.185	106	116845	19.50	ug/l	98
70) Styrene	12.197	104	207280	20.02	ug/l	100
71) Bromoform	12.361	173	36480	20.52	ug/l #	99
73) Isopropylbenzene	12.479	105	324885	19.69	ug/l	99
74) N-ethyl acetate	12.291	43	66891	17.86	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	59875	19.56	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	37046m	19.80	ug/l	
77) Bromobenzene	12.761	156	73743	19.55	ug/l	98
78) n-propylbenzene	12.820	91	403004	19.65	ug/l	100
79) 2-Chlorotoluene	12.908	91	224628	19.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	280807	20.50	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.532	75	18083	19.81	ug/l	97
82) 4-Chlorotoluene	13.002	91	244205	20.06	ug/l	99
83) tert-Butylbenzene	13.226	119	217688	19.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	276834	20.15	ug/l	97
85) sec-Butylbenzene	13.402	105	325473	19.74	ug/l	99
86) p-Isopropyltoluene	13.514	119	285631	19.69	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	147906	19.71	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	147254	19.87	ug/l	97
89) n-Butylbenzene	13.844	91	279916	19.45	ug/l	99
90) Hexachloroethane	14.108	117	55263	18.64	ug/l	97
91) 1,2-Dichlorobenzene	13.891	146	127265	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9288	19.38	ug/l	90
93) 1,2,4-Trichlorobenzene	15.161	180	75101	20.03	ug/l	99
94) Hexachlorobutadiene	15.267	225	42764	19.49	ug/l	100
95) Naphthalene	15.396	128	128830	19.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	66361	20.48	ug/l	94

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

Instrument :

MSVOA_D

ClientSampleId :

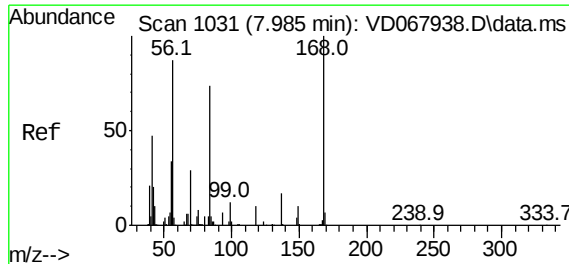
VD1228SBS01

Manual Integrations

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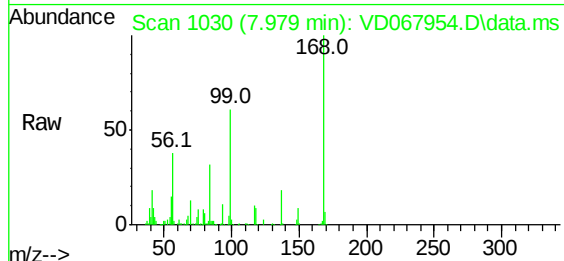


#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
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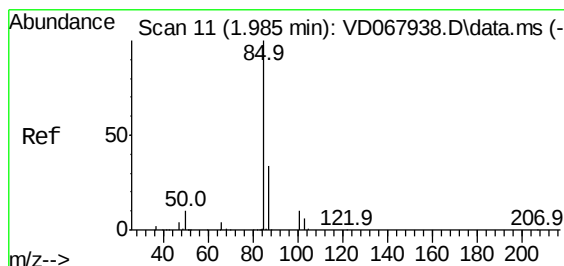
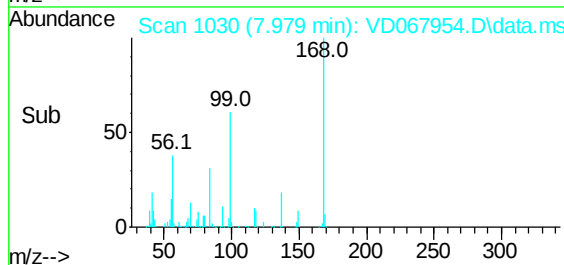
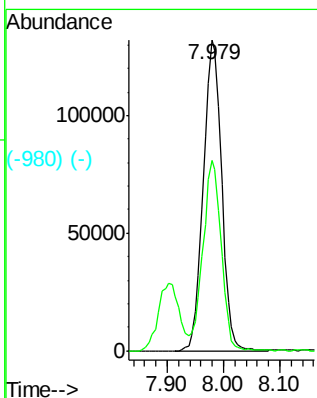
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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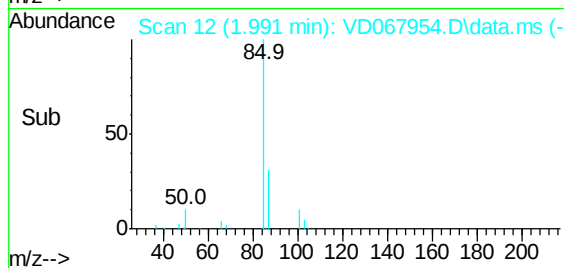
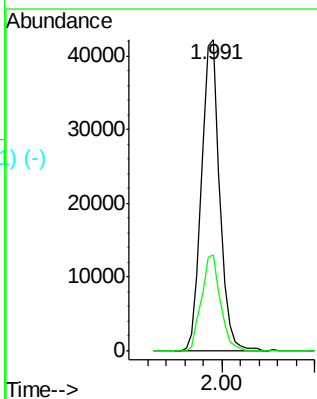
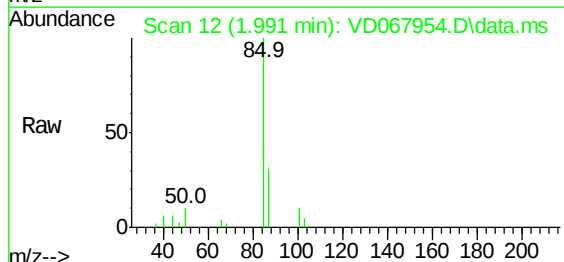


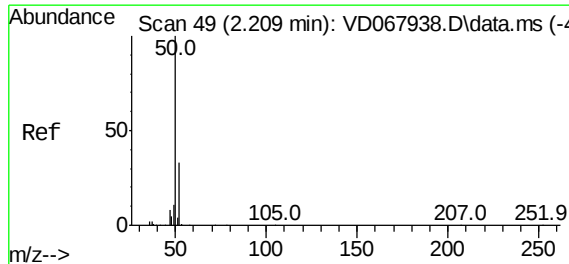
Tgt Ion:168 Resp: 297102
Ion Ratio Lower Upper
168 100
99 61.2 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 19.06 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 85 Resp: 57679
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.3





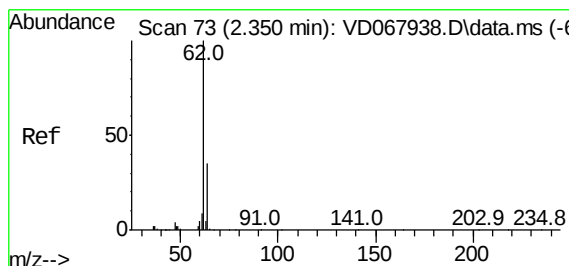
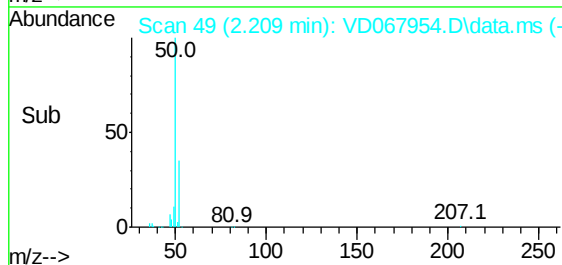
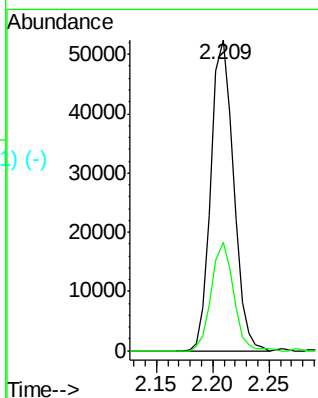
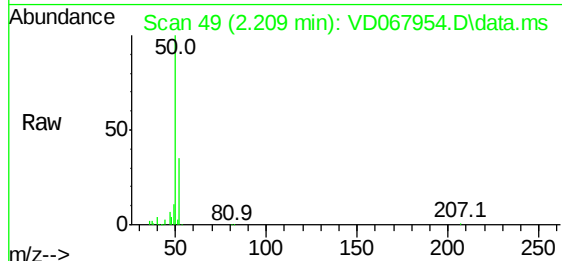
Chloromethane
Concen: 17.60 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 50 Resp: 72793
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.4

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ClientSampleId :
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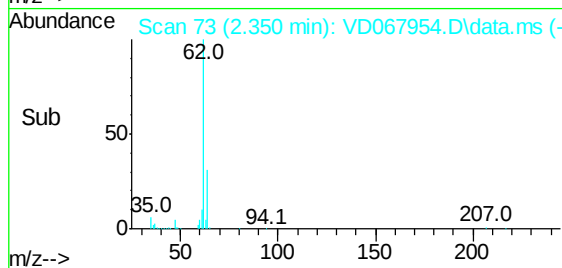
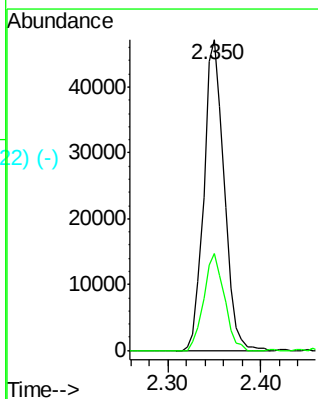
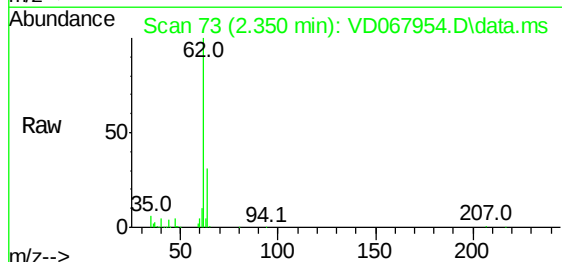
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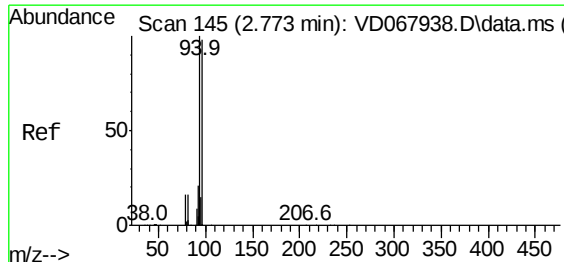
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Vinyl Chloride
Concen: 18.56 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 62 Resp: 71541
Ion Ratio Lower Upper
62 100
64 31.3 28.1 42.1





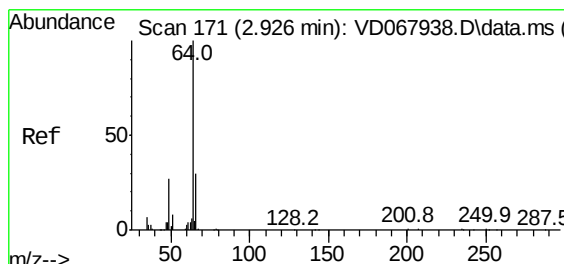
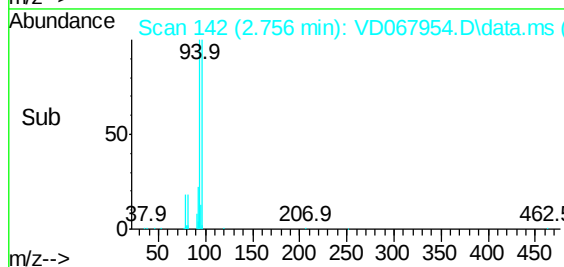
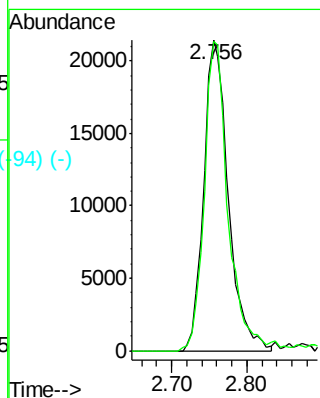
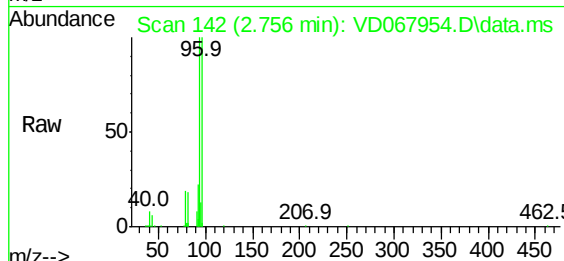
Scan 145 (2.773 min): VD067938.D\data.ms (-145) (-)
 Bromomethane
 Concen: 16.81 ug/l
 RT: 2.756 min Scan# 142
 Delta R.T. -0.017 min
 Lab File: VD067954.D
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Tgt Ion:	94	Resp:	48592
Ion	Ratio	Lower	Upper
94	100		
96	99.7	78.0	117.0

Instrument :
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 VD1228SBS01

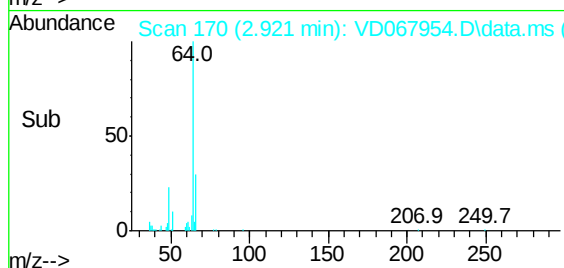
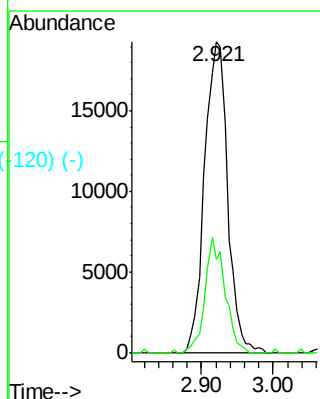
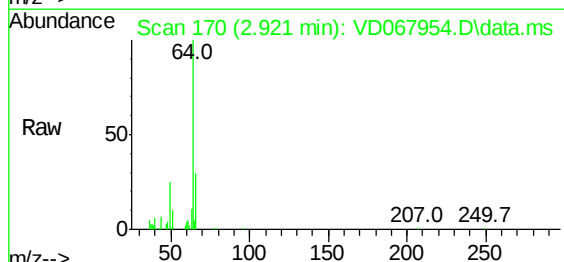
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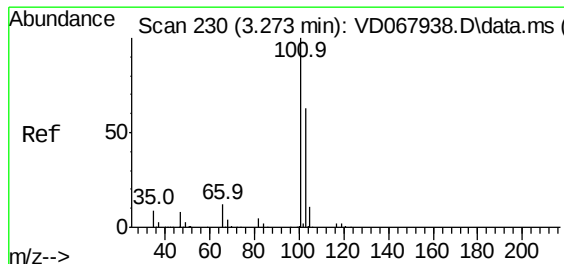
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Scan 171 (2.926 min): VD067938.D\data.ms (-171) (-)
 Chloroethane
 Concen: 18.02 ug/l
 RT: 2.921 min Scan# 170
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

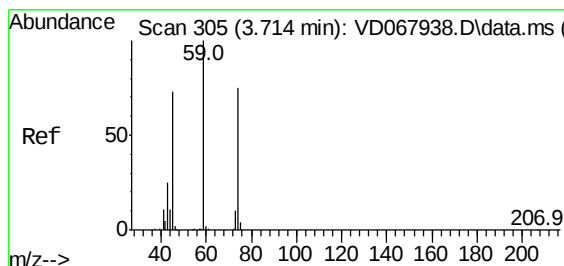
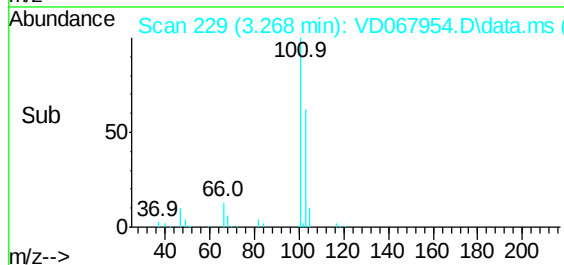
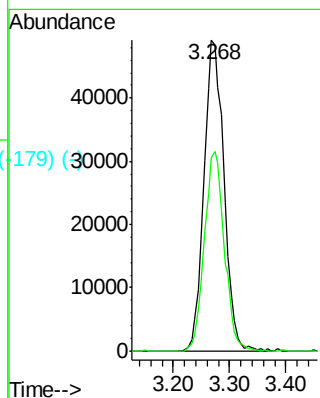
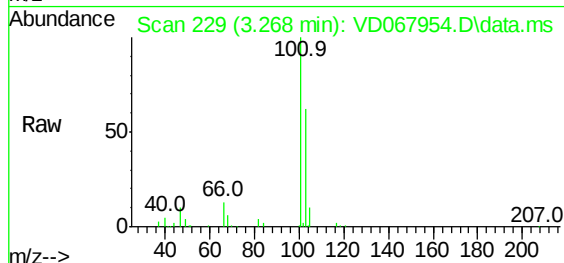
Tgt Ion:	64	Resp:	42699
Ion	Ratio	Lower	Upper
64	100		
66	29.9	24.1	36.1





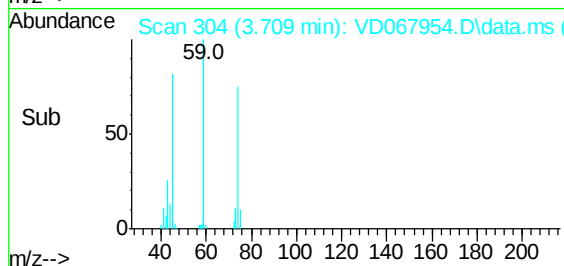
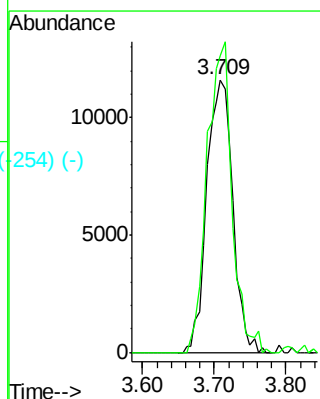
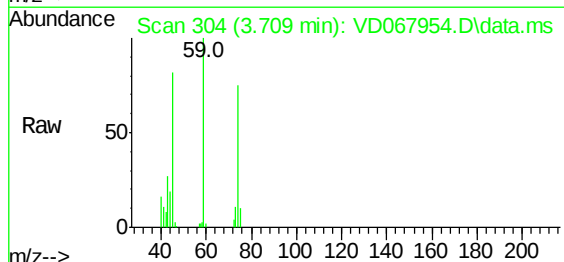
Trichlorofluoromethane
 Concen: 21.17 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 101 Resp: 120291
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.4 75.6



Diethyl Ether
 Concen: 17.88 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

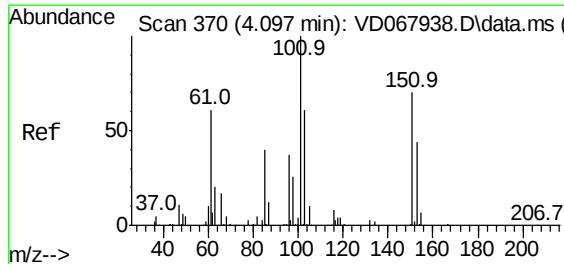
Tgt Ion: 74 Resp: 29129
 Ion Ratio Lower Upper
 74 100
 45 109.4 51.8 155.5



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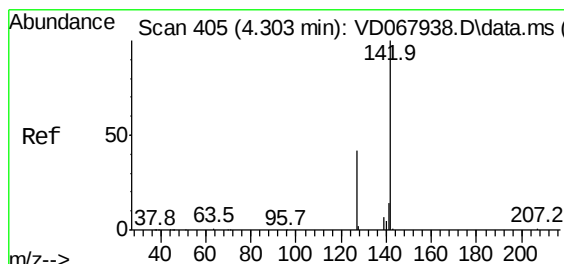
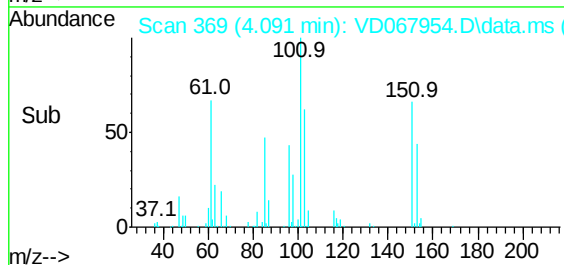
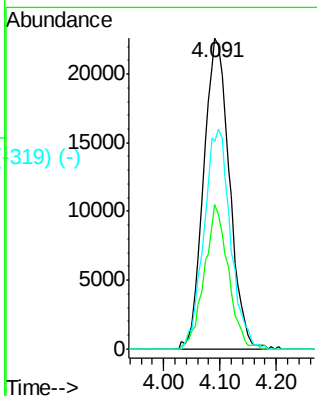
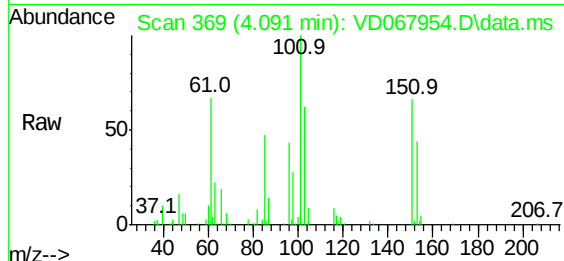
1,1,2-Trichlorotrifluoroethane
Concen: 21.21 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:101 Resp: 71823
Ion Ratio Lower Upper
101 100
85 42.8 34.2 51.2
151 72.6 57.6 86.4

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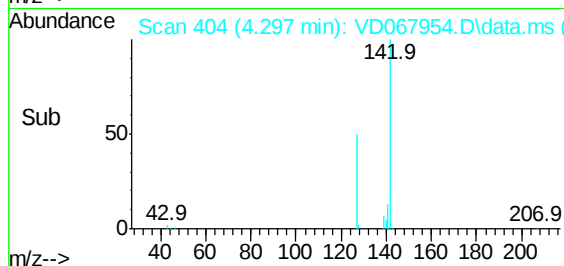
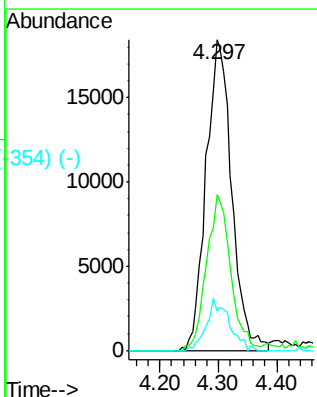
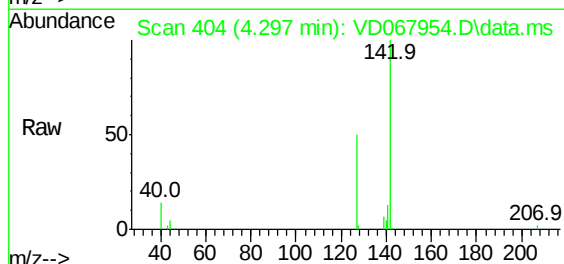
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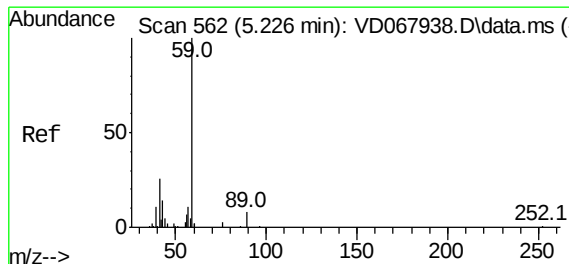
MMDadoda
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Methyl Iodide
Concen: 18.78 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:142 Resp: 55893
Ion Ratio Lower Upper
142 100
127 47.2 34.4 51.6
141 14.7 11.8 17.8





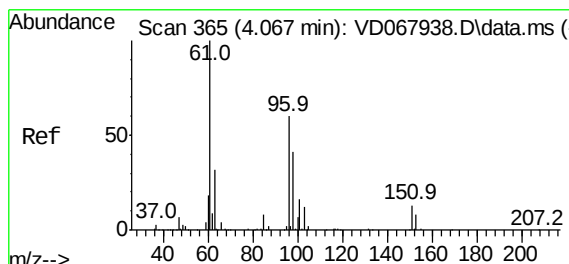
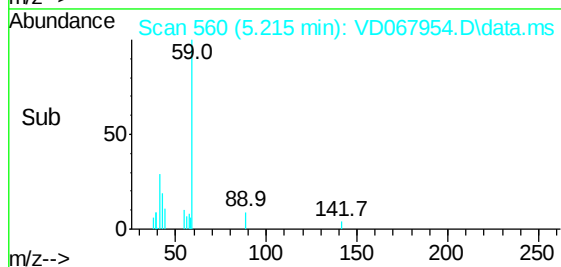
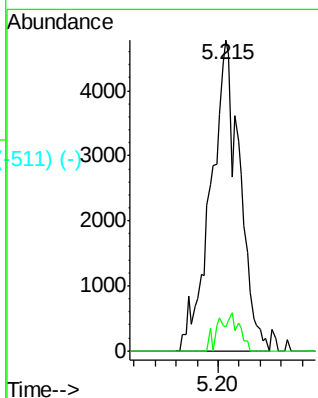
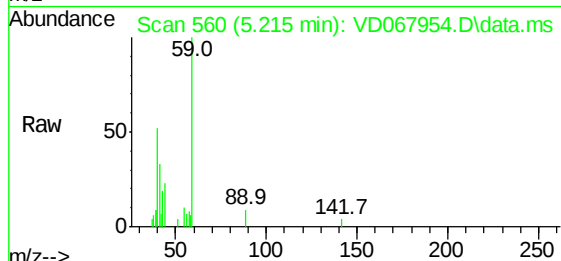
Tert butyl alcohol
 Concen: 53.87 ug/l
 RT: 5.215 min Scan# 560
 Delta R.T. -0.011 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 59 Resp: 18215
 Ion Ratio Lower Upper
 59 100
 57 4.8 7.4 11.2#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

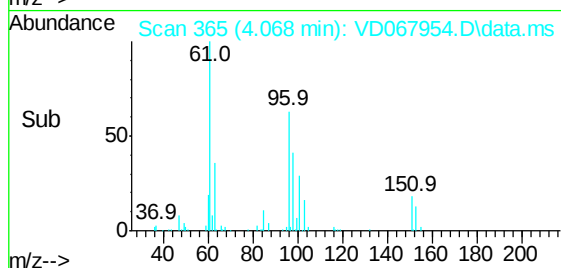
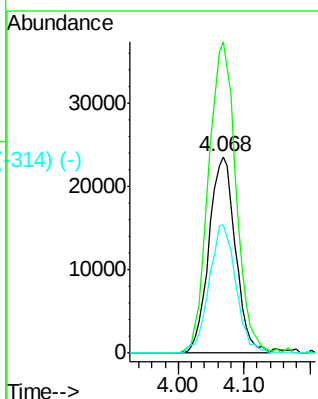
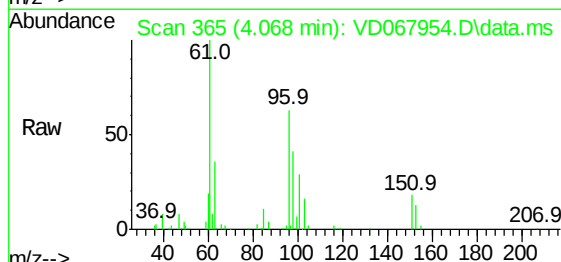
Manual Integrations
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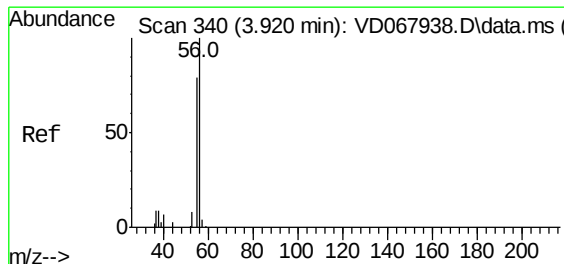
MMDadoda
 12/29/2020 11:32:51 AM



1,1-Dichloroethene
 Concen: 19.54 ug/l
 RT: 4.068 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 96 Resp: 63476
 Ion Ratio Lower Upper
 96 100
 61 158.5 133.6 200.4
 98 65.0 54.8 82.2





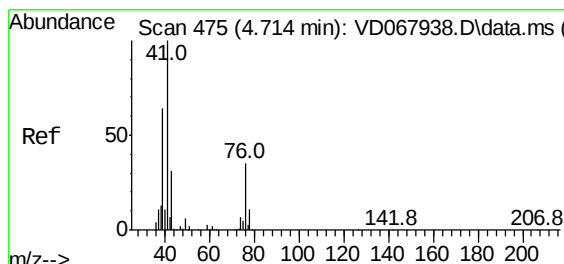
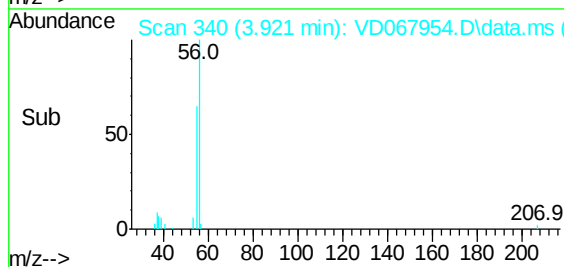
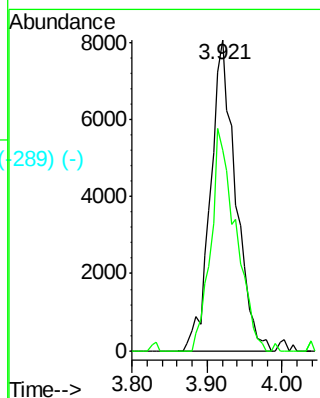
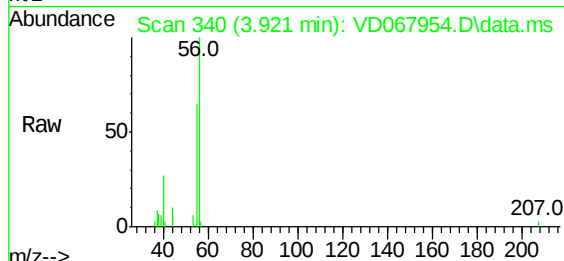
Acrolein
Concen: 81.58 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 56 Resp: 18627
Ion Ratio Lower Upper
56 100
55 70.8 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

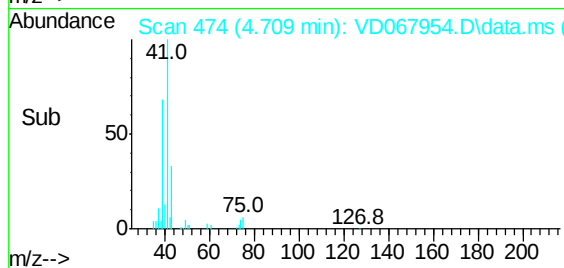
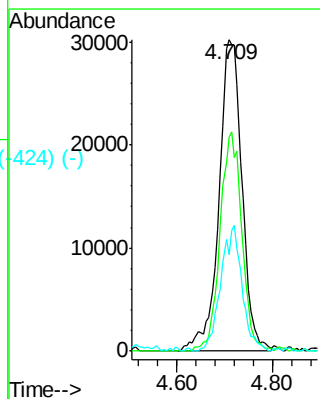
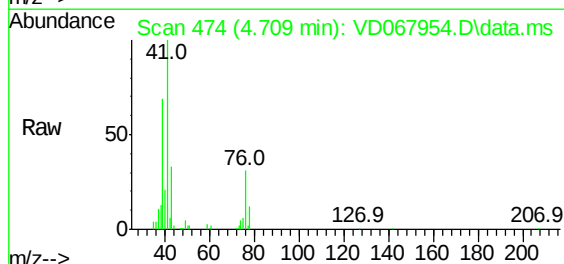
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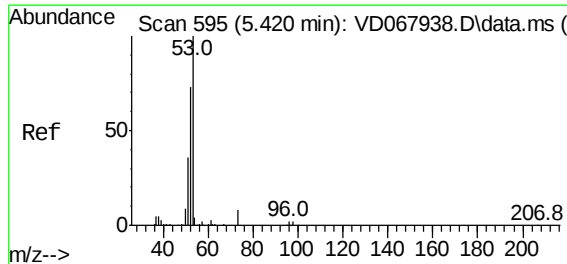
MMDadoda
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Allyl chloride
Concen: 17.38 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 41 Resp: 100391
Ion Ratio Lower Upper
41 100
39 66.0 50.5 75.7
76 36.7 27.0 40.4





Acrylonitrile
Concen: 90.32 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

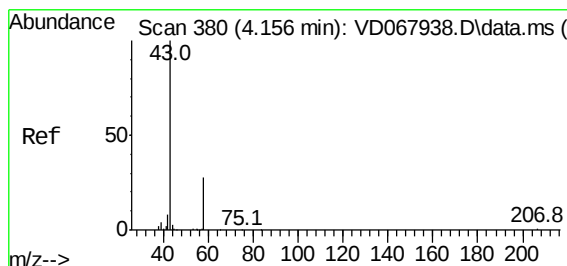
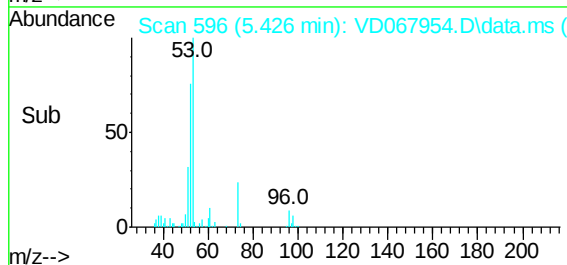
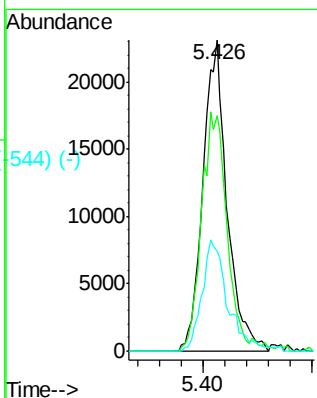
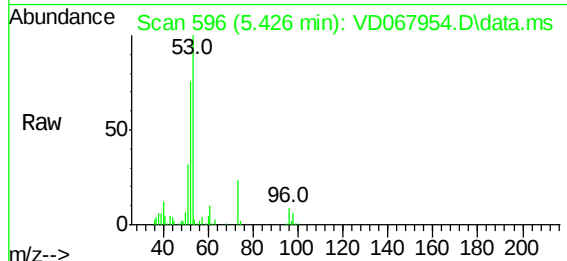
Tgt Ion: 53 Resp: 70434

Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.3	97.9
51	38.4	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

Manual Integrations
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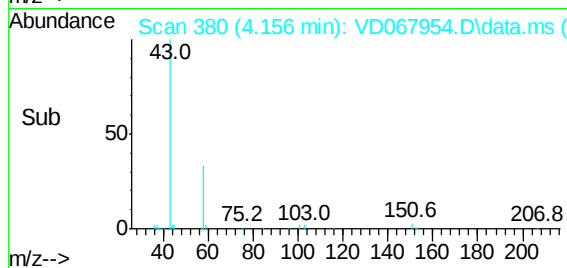
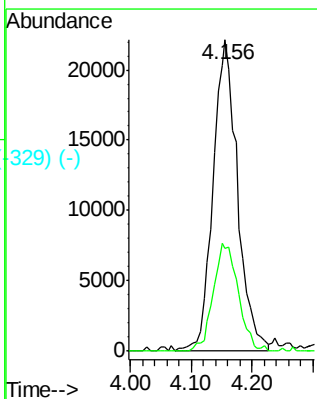
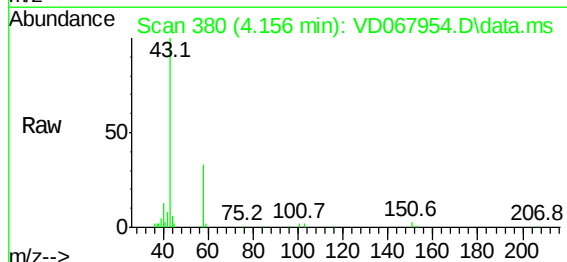
MMDadoda
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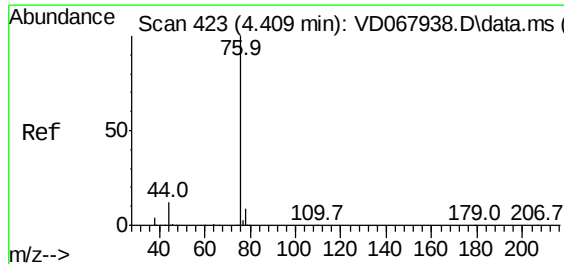


Acetone
Concen: 101.06 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 61905

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.3	33.5



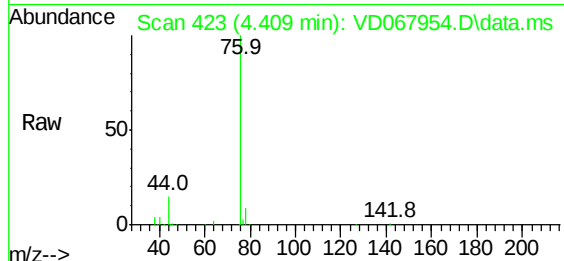


Carbon Disulfide
Concen: 19.41 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

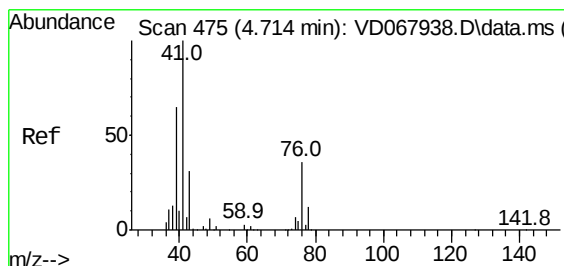
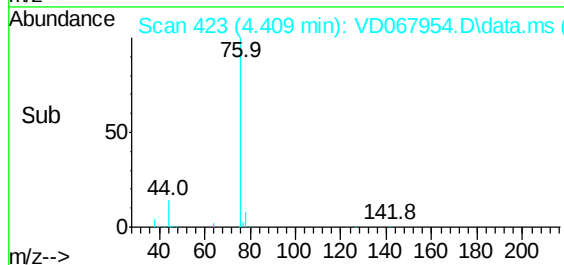
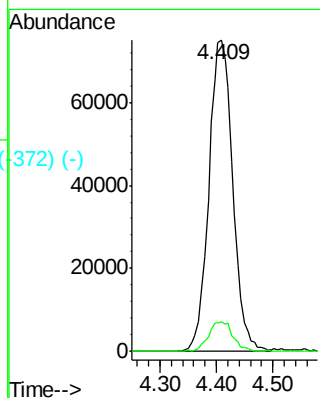
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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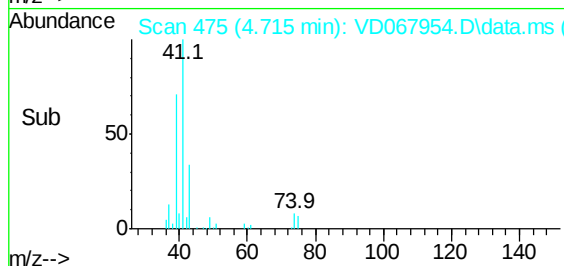
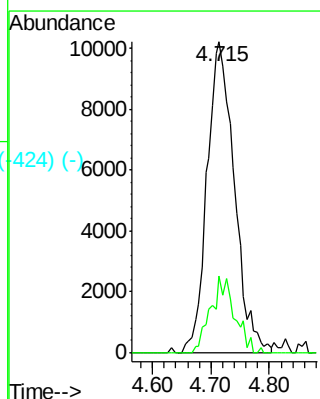
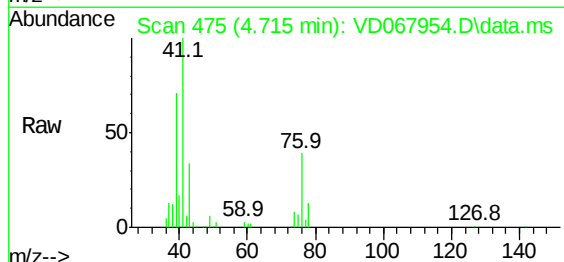


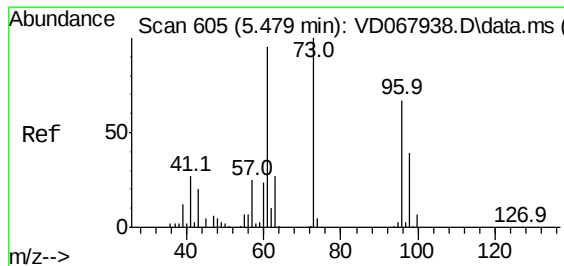
Tgt Ion: 76 Resp: 219719
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



Methyl Acetate
Concen: 18.20 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 32948
Ion Ratio Lower Upper
43 100
74 21.3 18.2 27.2





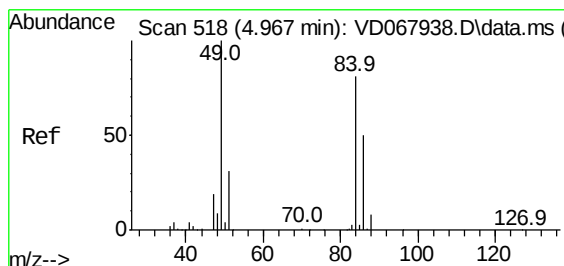
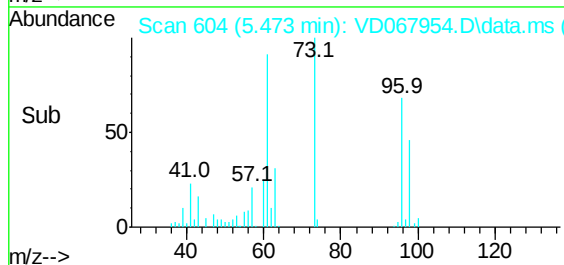
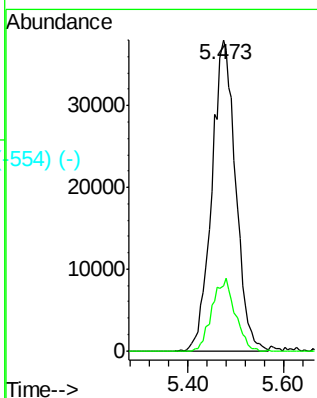
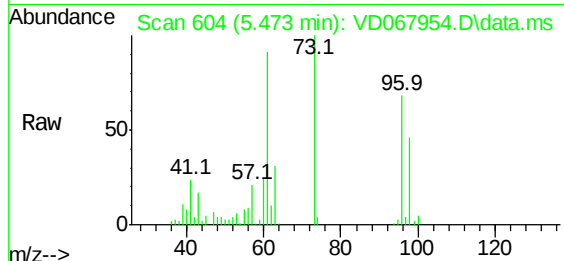
Methyl tert-butyl Ether
 Concen: 19.42 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 73 Resp: 131128
 Ion Ratio Lower Upper
 73 100
 57 20.9 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

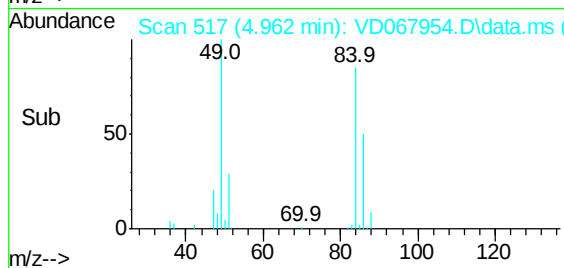
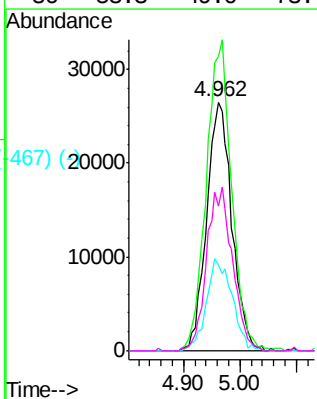
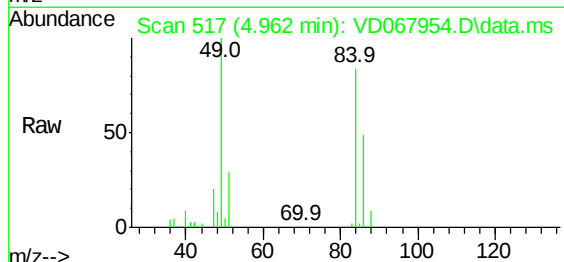
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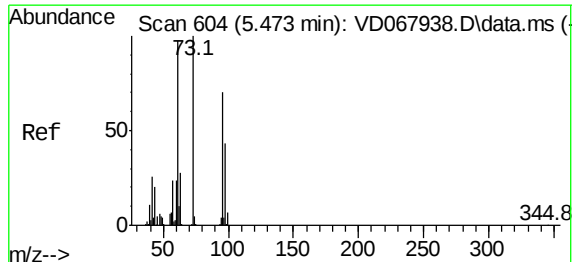
MMDadoda
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Methylene Chloride
 Concen: 15.63 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.005 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 84 Resp: 82214
 Ion Ratio Lower Upper
 84 100
 49 118.4 98.3 147.5
 51 34.4 30.3 45.5
 86 58.3 49.0 73.4





trans-1,2-Dichloroethene
Concen: 19.33 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

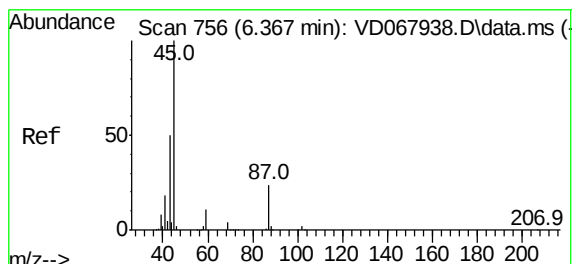
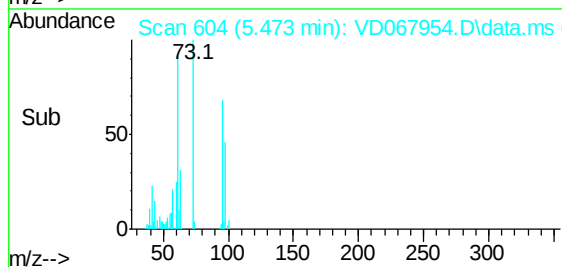
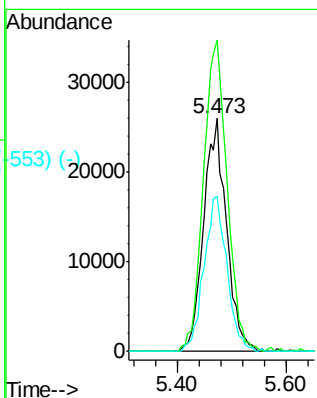
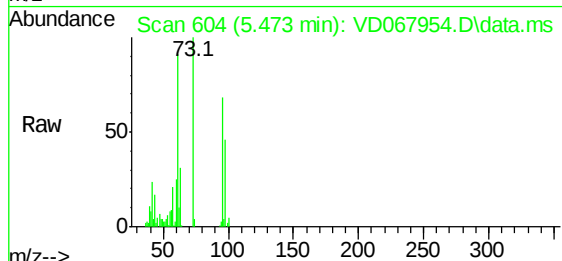
Tgt Ion: 96 Resp: 75054

Ion	Ratio	Lower	Upper
96	100		
61	133.6	109.9	164.9
98	66.6	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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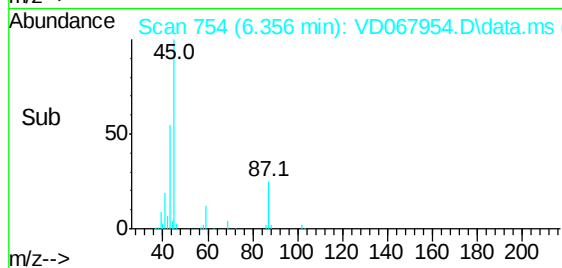
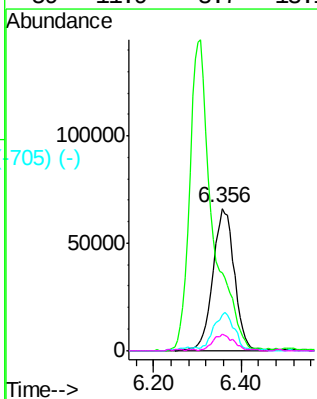
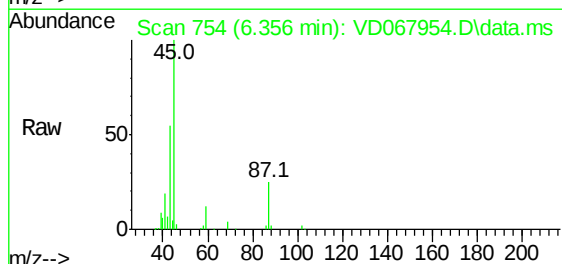
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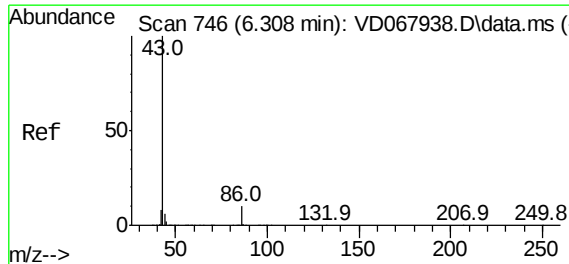


Diisopropyl ether
Concen: 18.54 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 45 Resp: 215720

Ion	Ratio	Lower	Upper
45	100		
43	53.8	40.2	60.4
87	24.9	19.2	28.8
59	11.9	8.7	13.1



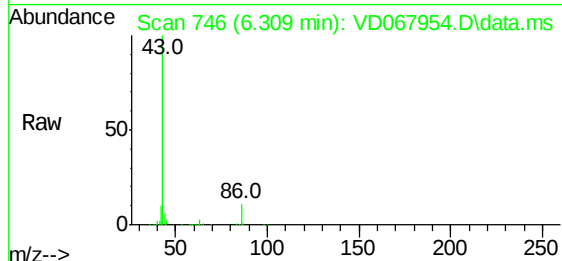


Vinyl Acetate
Concen: 87.65 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

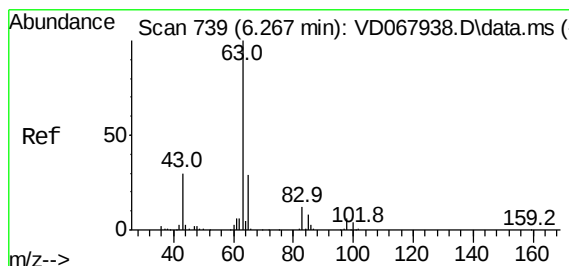
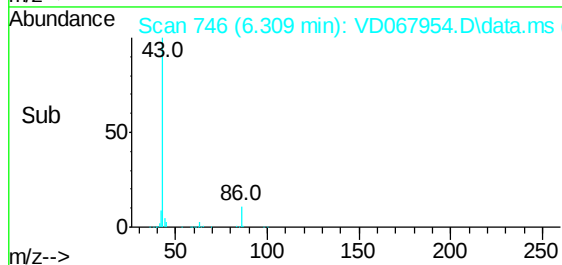
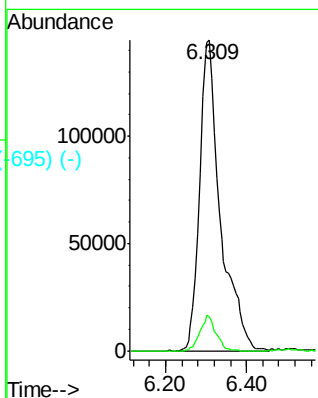
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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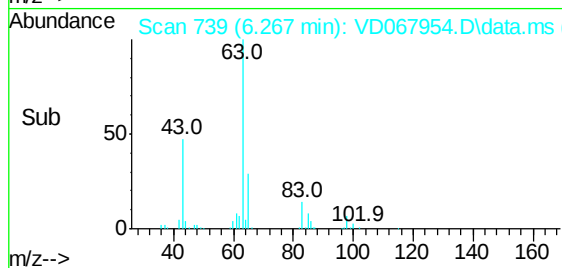
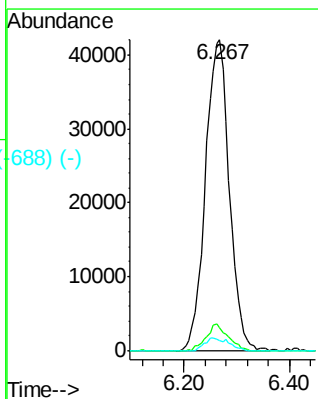
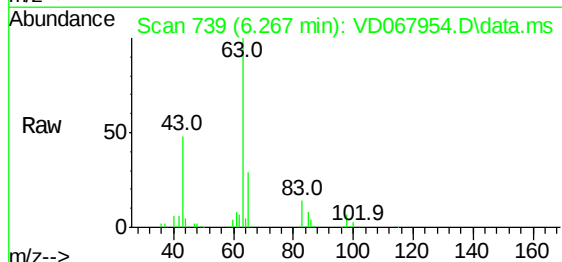


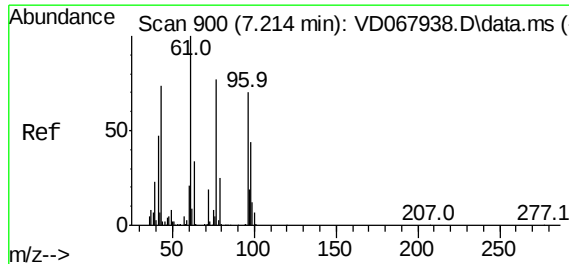
Tgt Ion: 43 Resp: 518250
Ion Ratio Lower Upper
43 100
86 11.0 7.9 11.9



1,1-Dichloroethane
Concen: 18.63 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 63 Resp: 131168
Ion Ratio Lower Upper
63 100
98 7.2 2.9 8.6
100 3.2 1.9 5.7





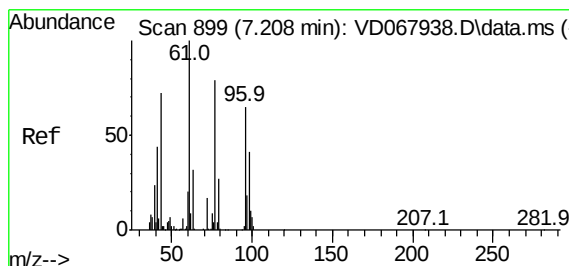
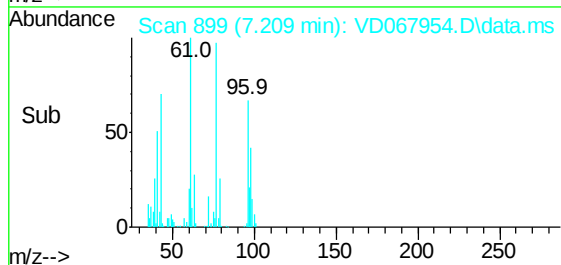
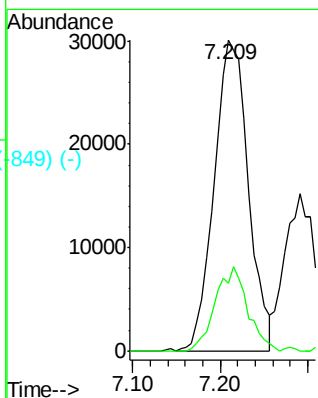
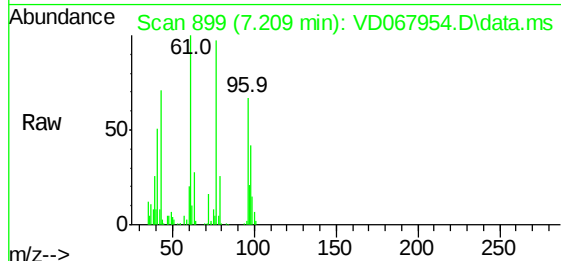
2-Butanone
Concen: 89.24 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 80616
Ion Ratio Lower Upper
43 100
72 22.0 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

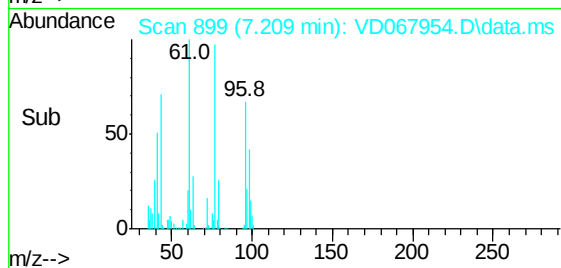
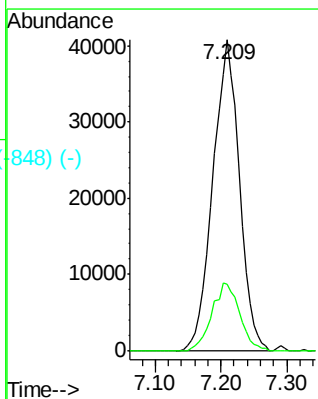
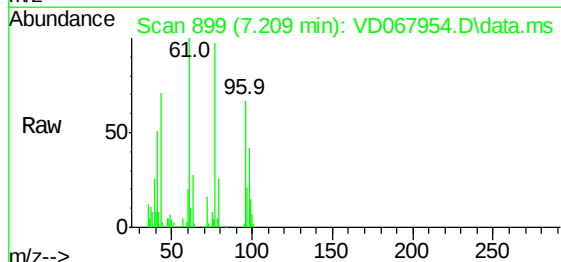
Manual Integrations
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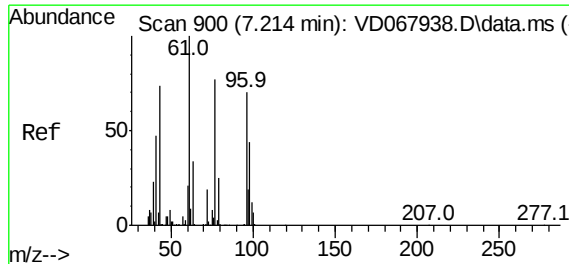
MMDadoda
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2,2-Dichloropropane
Concen: 20.07 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 77 Resp: 111373
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





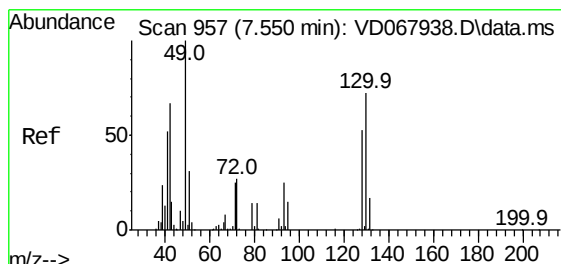
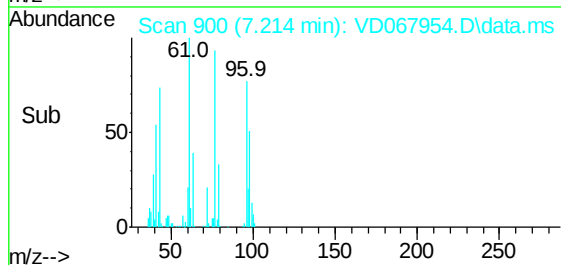
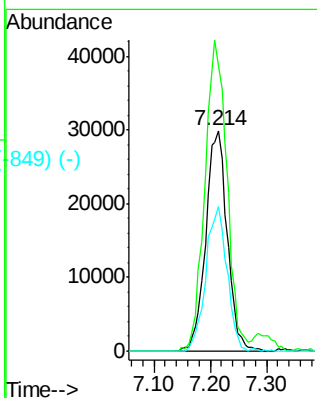
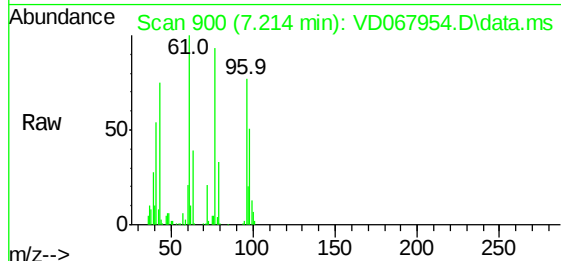
cis-1,2-Dichloroethene
Concen: 18.94 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	96	Resp:	78537
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	295.4
98	64.7	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

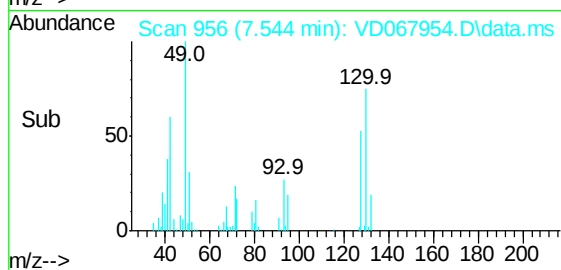
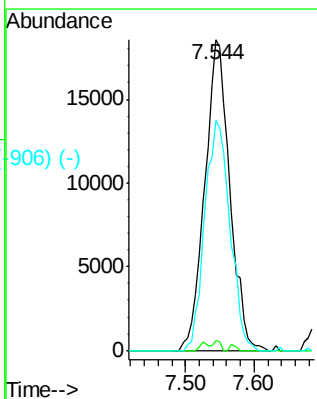
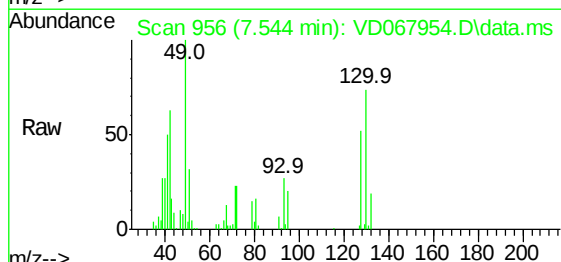
Manual Integrations
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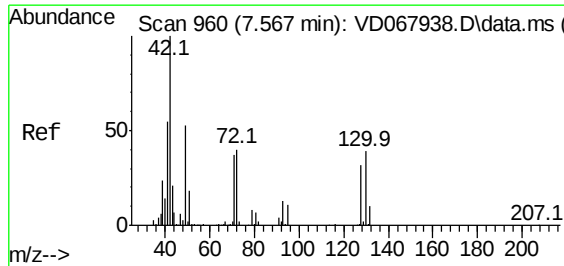
MMDadoda
12/29/2020 11:32:51 AM



Bromochloromethane
Concen: 17.69 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	49	Resp:	46968
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	74.6	54.8	82.2





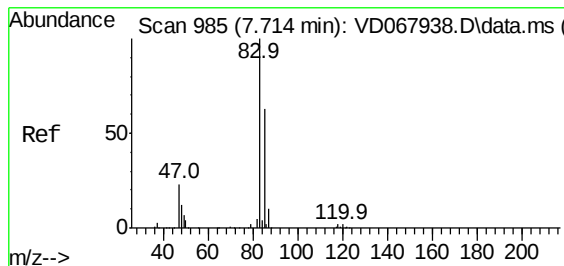
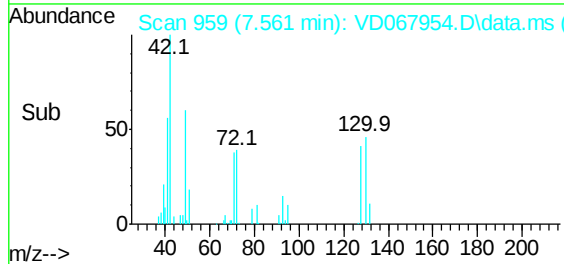
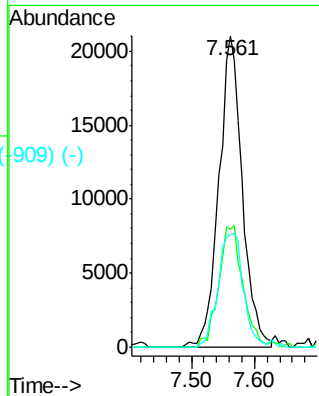
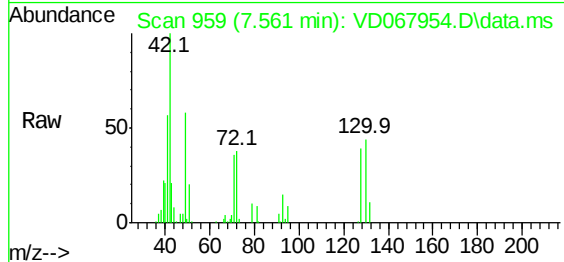
Tetrahydrofuran
Concen: 87.51 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	42	Resp:	53475
Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.9	49.3
71	39.2	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

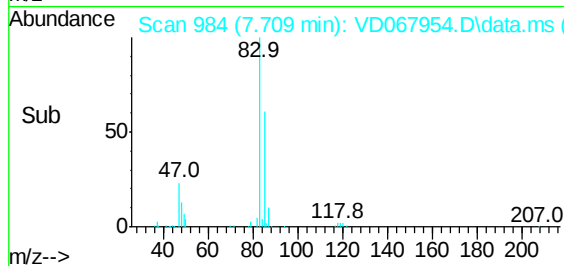
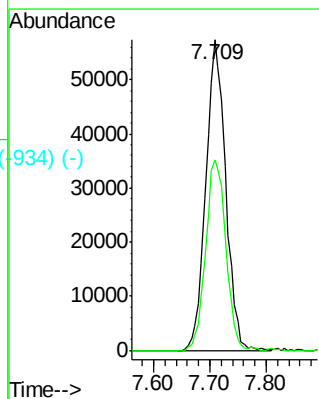
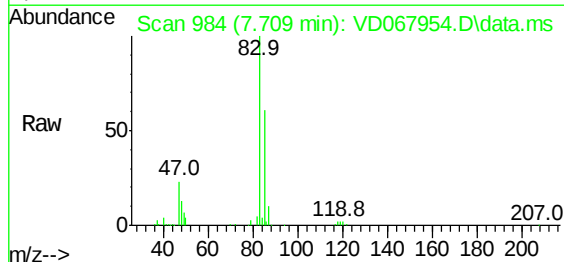
Manual Integrations
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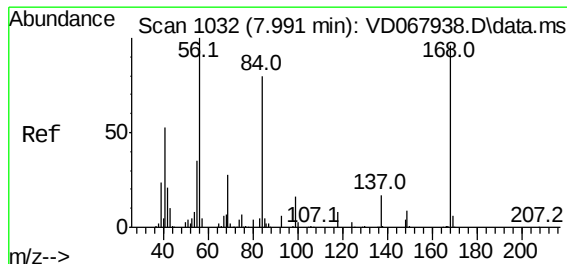
MMDadoda
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Chloroform
Concen: 20.28 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	83	Resp:	139881
Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.5	75.7





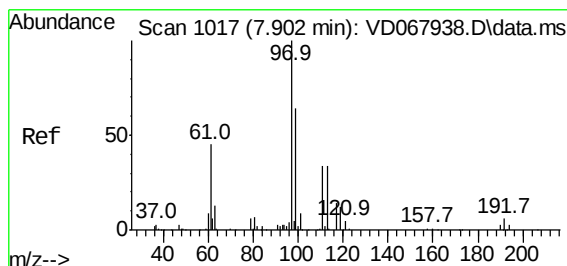
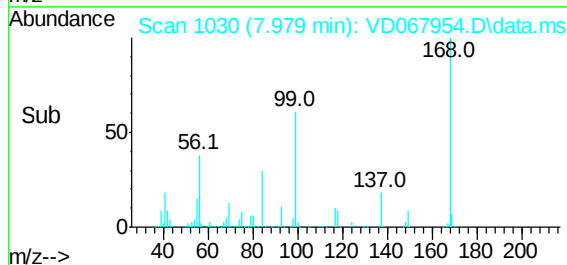
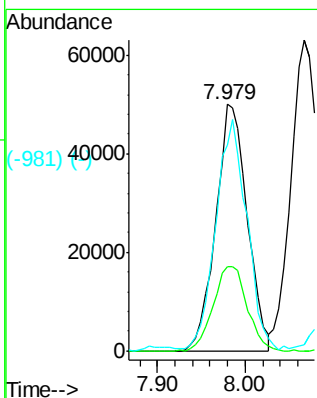
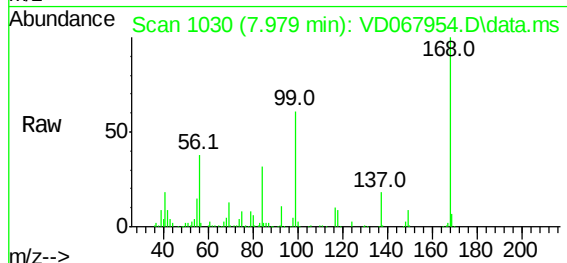
(-810) (-)
Cyclohexane
Concen: 18.78 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 56 Resp: 123199
Ion Ratio Lower Upper
56 100
69 34.0 22.7 34.1
84 82.2 64.2 96.4

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

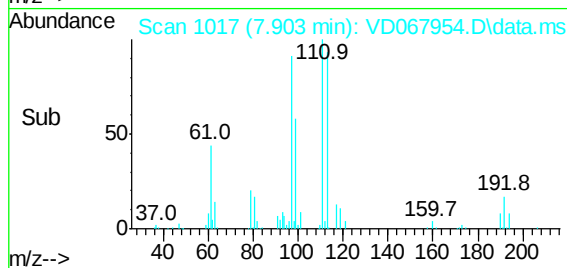
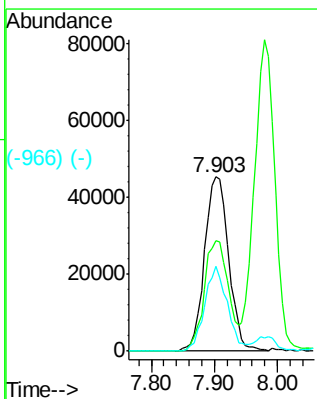
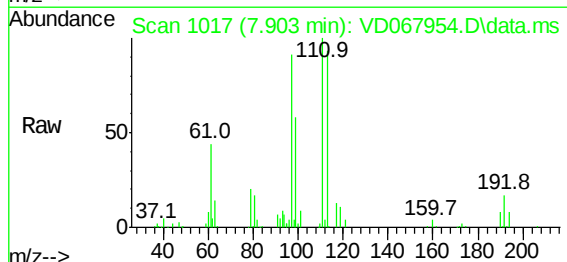
Manual Integrations
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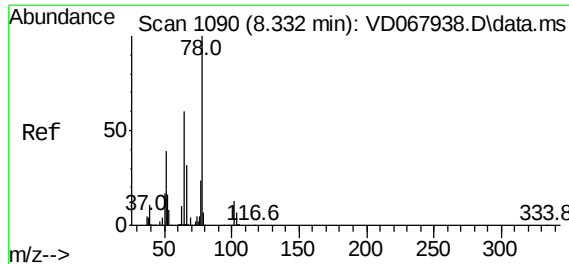
MMDadoda
12/29/2020 11:32:51 AM



(-806) (-)
1,1,1-Trichloroethane
Concen: 20.01 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 97 Resp: 118236
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 45.2 35.8 53.8





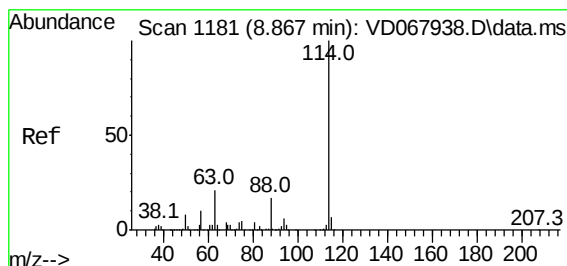
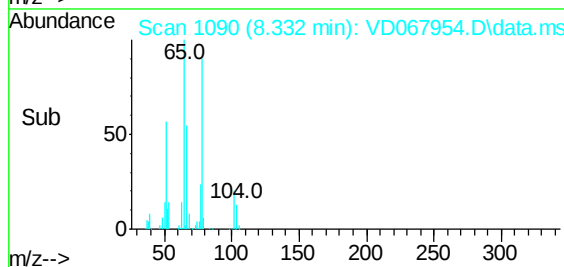
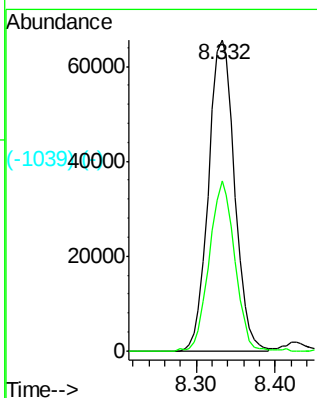
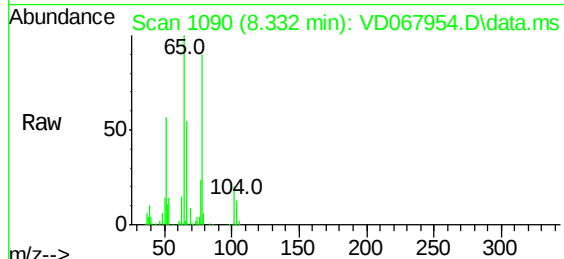
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 46.83 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 65 Resp: 150238
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

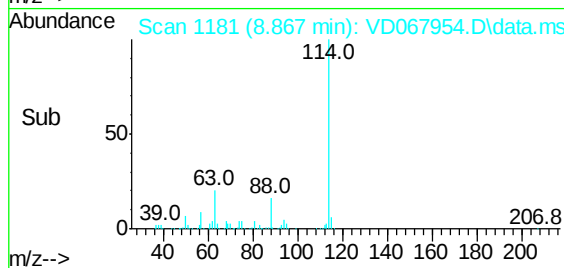
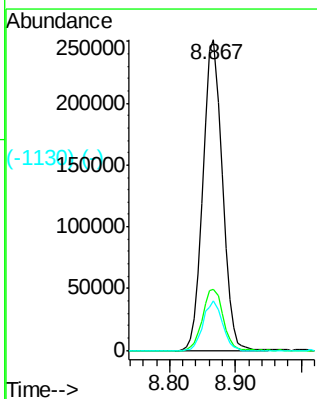
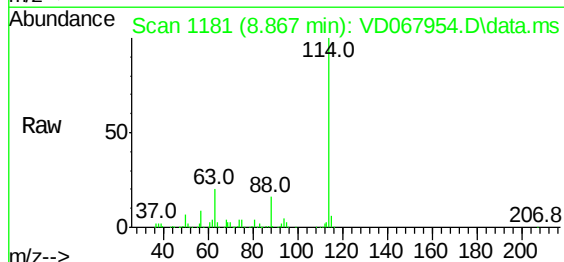
Manual Integrations
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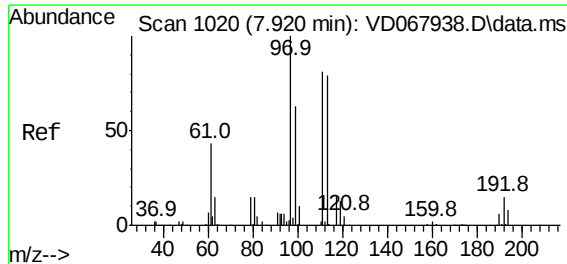
MMDadoda
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(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion:114 Resp: 494322
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 16.0 0.0 33.2





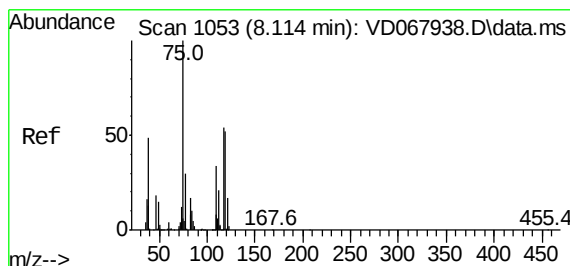
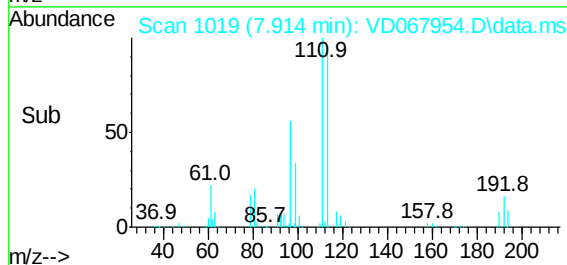
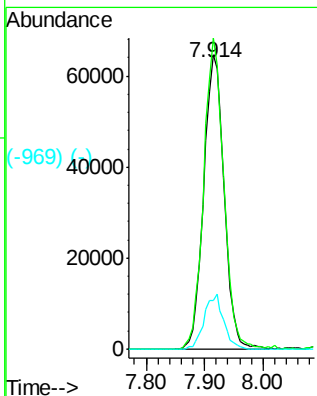
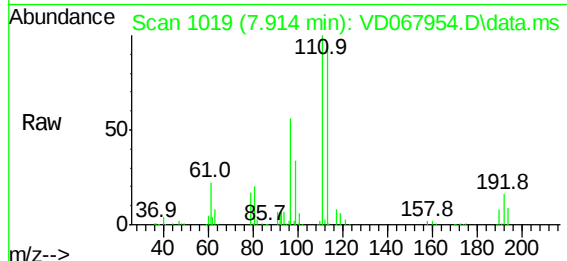
(-969) (-)
 Dibromofluoromethane
 Concen: 49.56 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 113 Resp: 154367
 Ion Ratio Lower Upper
 113 100
 111 104.3 79.3 118.9
 192 17.5 14.5 21.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

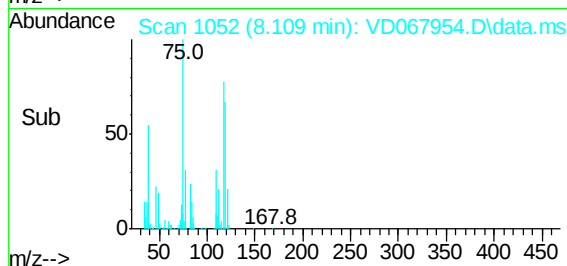
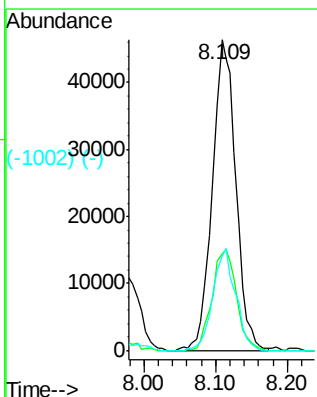
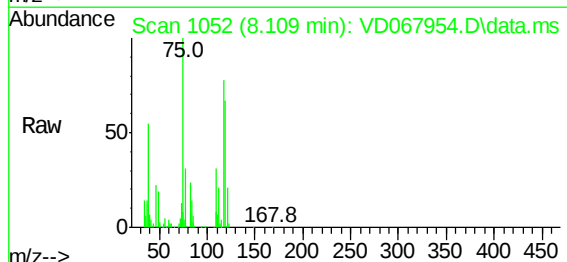
Manual Integrations
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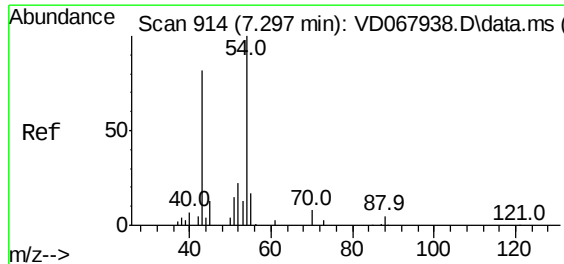
MMDadoda
 12/29/2020 11:32:51 AM



(-1060) (-)
 1,1-Dichloropropene
 Concen: 20.03 ug/l
 RT: 8.109 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 75 Resp: 105231
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.0 51.0
 77 32.0 24.6 37.0





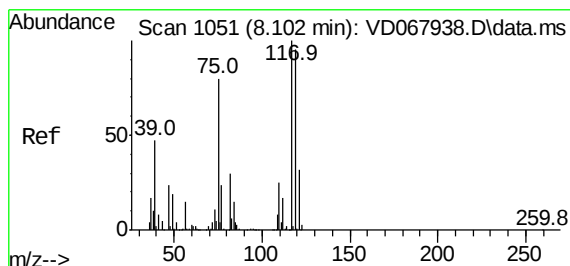
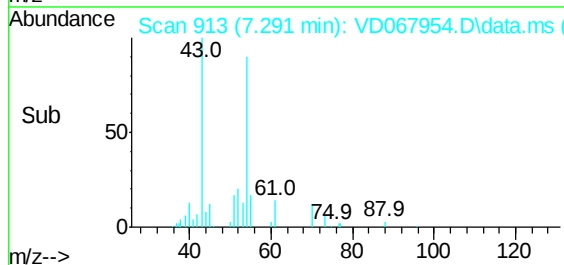
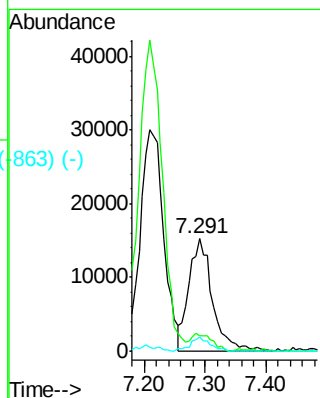
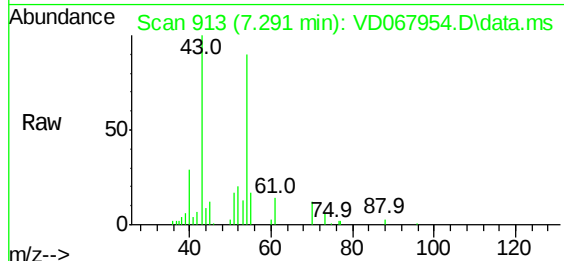
Ethyl Acetate
Concen: 19.19 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	43	Resp:	40796
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.2	15.4
70	9.9	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

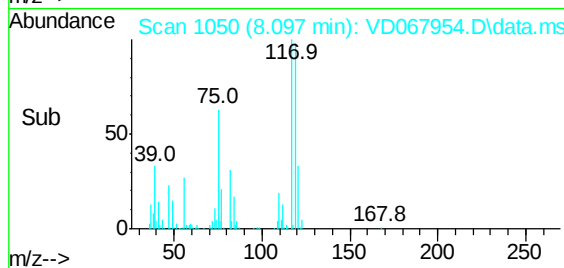
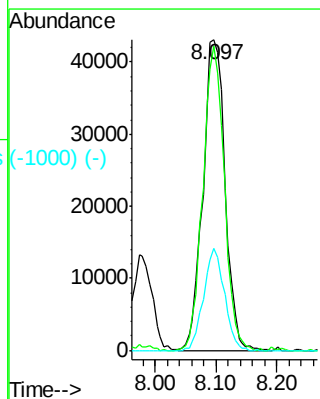
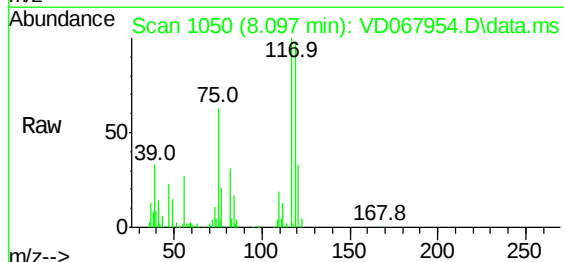
Manual Integrations
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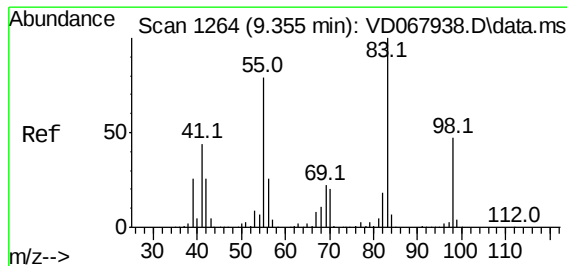
MMDadoda
12/29/2020 11:32:51 AM



Carbon Tetrachloride
Concen: 21.71 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

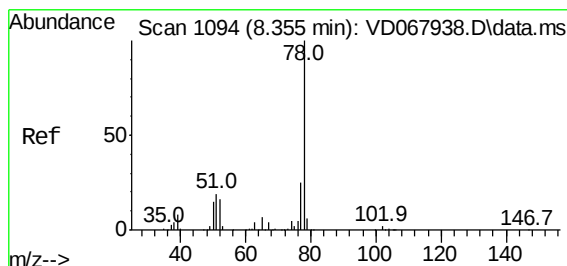
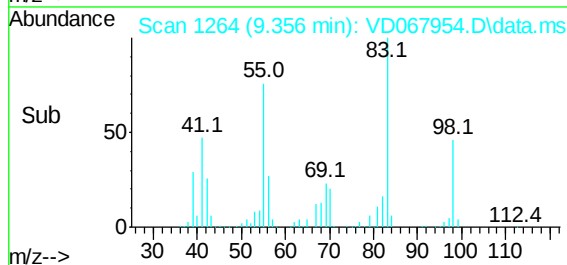
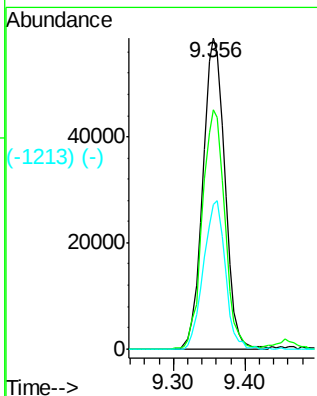
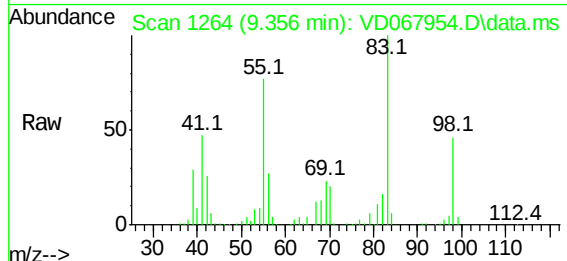
Tgt Ion:	117	Resp:	108956
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.2	114.4
121	32.9	25.9	38.9





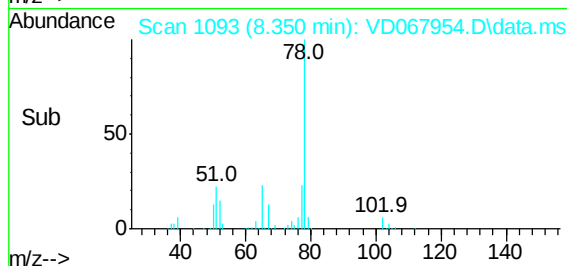
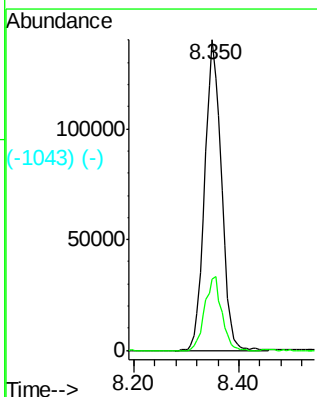
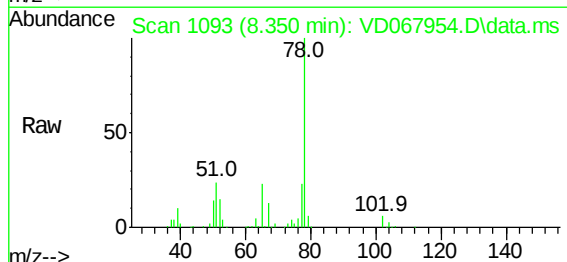
Methylcyclohexane
Concen: 20.55 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 83 Resp: 123780
Ion Ratio Lower Upper
83 100
55 76.3 63.5 95.3
98 46.3 37.3 55.9



Benzene
Concen: 20.13 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

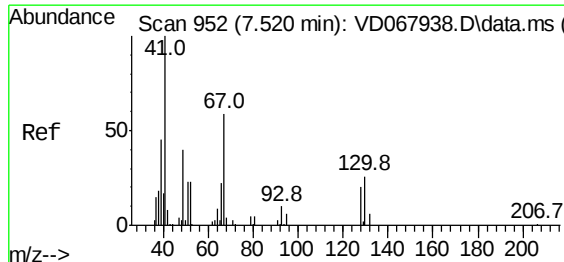
Tgt Ion: 78 Resp: 306807
Ion Ratio Lower Upper
78 100
77 22.9 20.1 30.1



Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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Methacrylonitrile
Concen: 18.87 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

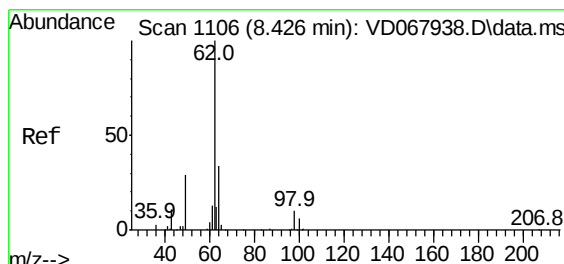
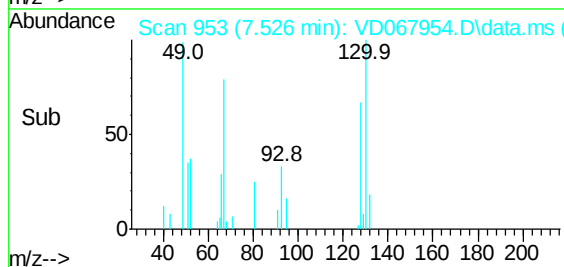
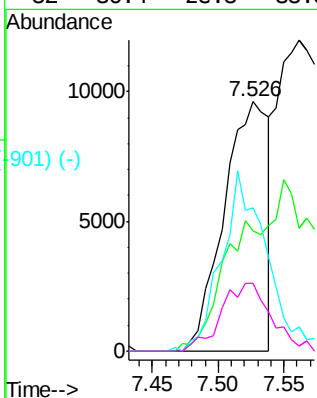
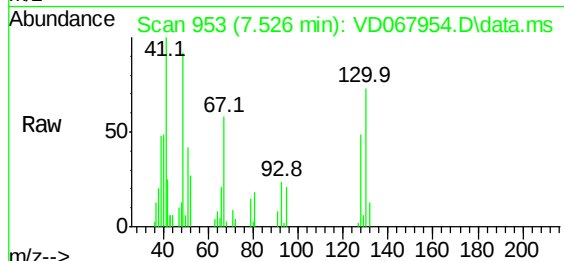
Tgt Ion: 41 Resp: 22584

Ion	Ratio	Lower	Upper
41	100		
39	46.0	46.2	69.2#
67	72.2	55.1	82.7
52	30.4	23.5	35.3

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

Manual Integrations
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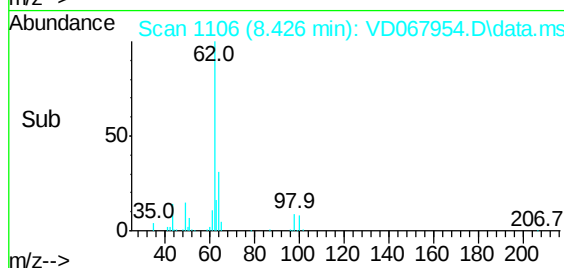
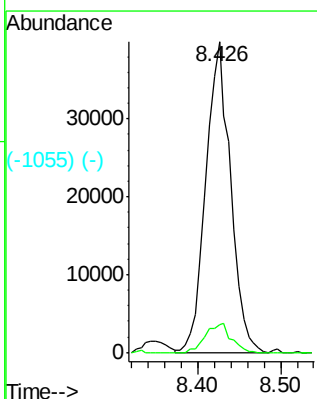
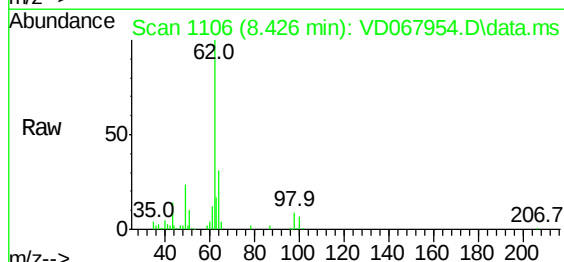
MMDadoda
12/29/2020 11:32:51 AM

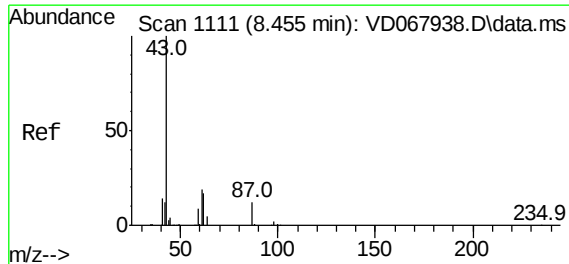


1,2-Dichloroethane
Concen: 20.10 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 62 Resp: 82624

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4



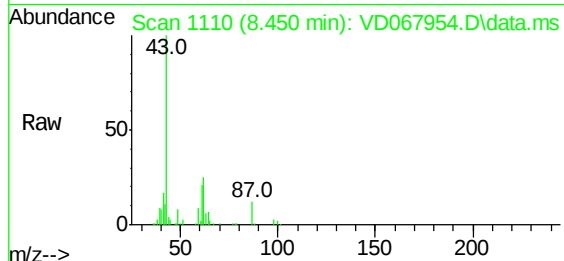


(-1067) (-)
Isopropyl Acetate
Concen: 17.60 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

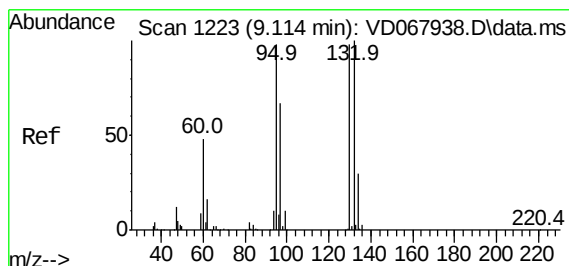
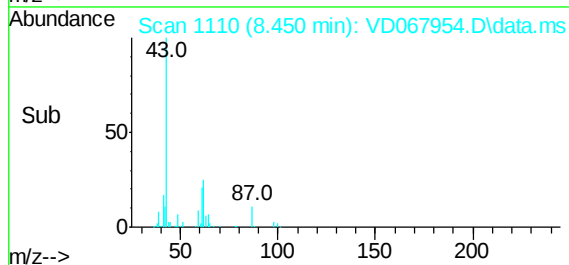
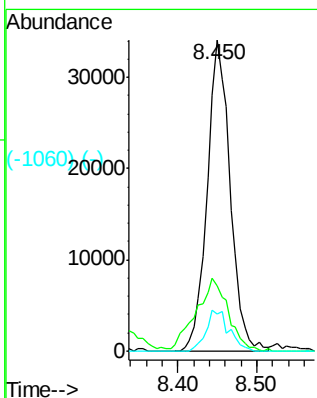
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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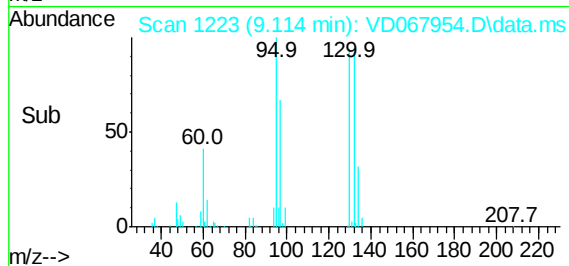
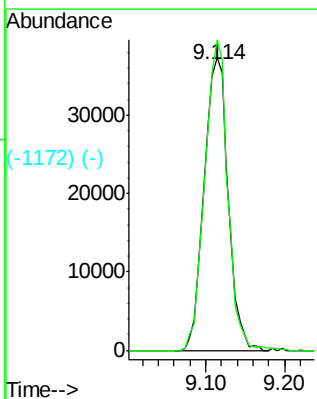
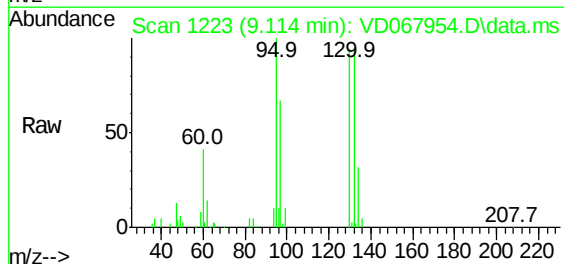


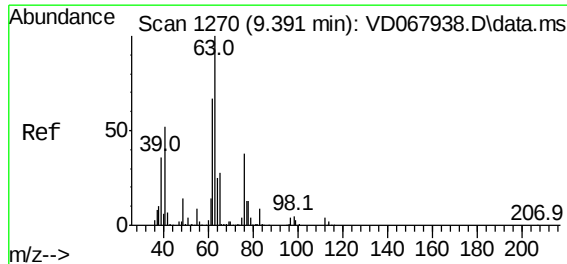
Tgt Ion: 43 Resp: 68669
Ion Ratio Lower Upper
43 100
61 32.8 24.5 36.7
87 12.9 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 20.58 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:130 Resp: 78626
Ion Ratio Lower Upper
130 100
95 106.1 0.0 200.8



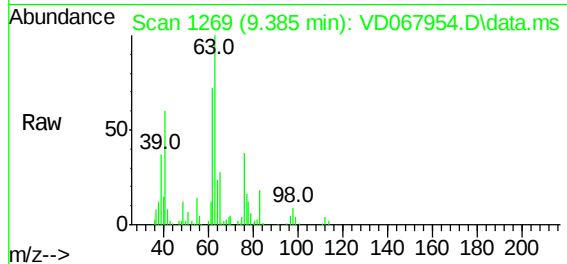


(-1257) (-)
1,2-Dichloropropane
Concen: 19.96 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

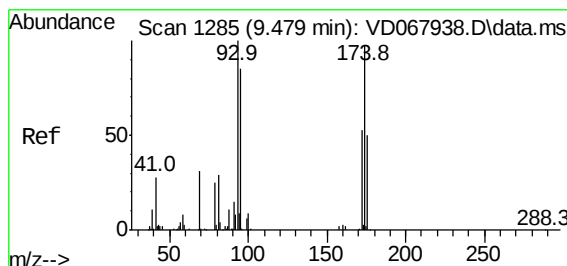
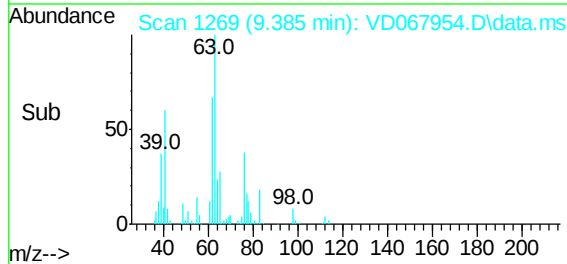
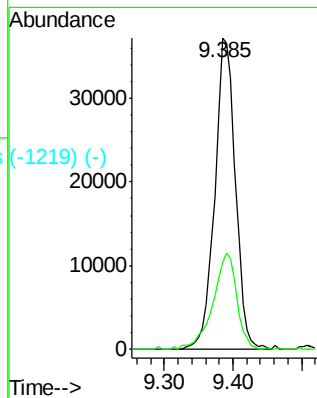
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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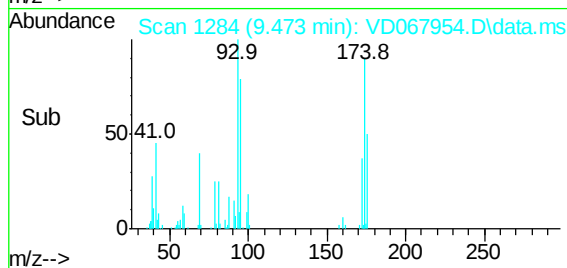
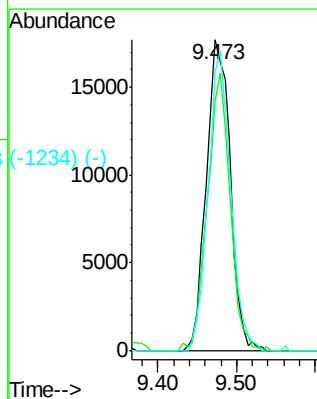
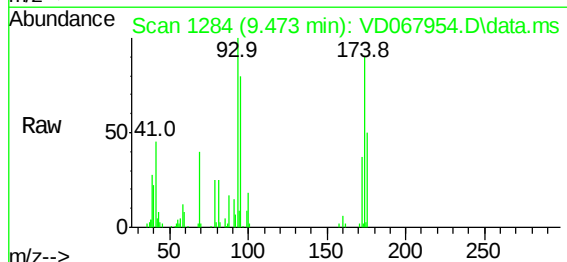


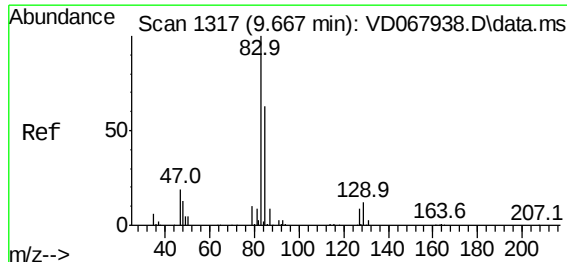
Tgt Ion: 63 Resp: 77447
Ion Ratio Lower Upper
63 100
65 28.0 22.7 34.1



(-1256) (-)
Dibromomethane
Concen: 19.69 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 93 Resp: 37126
Ion Ratio Lower Upper
93 100
95 84.5 68.0 102.0
174 90.9 74.7 112.1





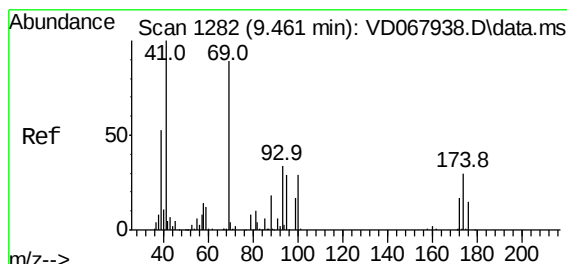
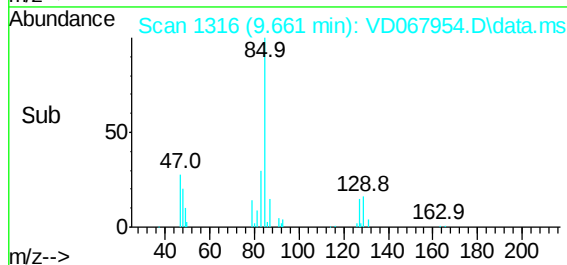
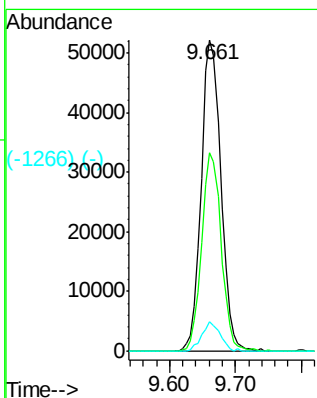
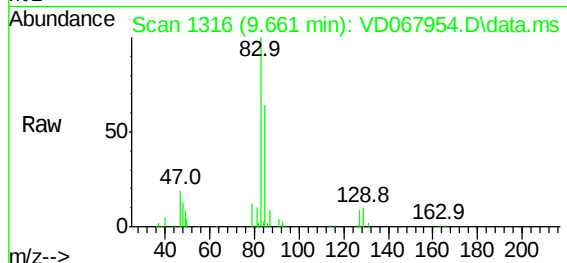
Bromodichloromethane
Concen: 20.46 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 83 Resp: 104131
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 9.4 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

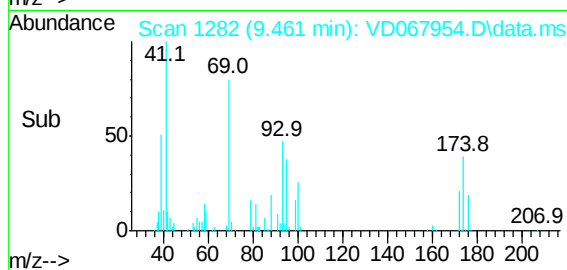
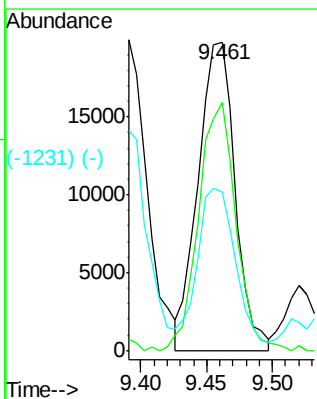
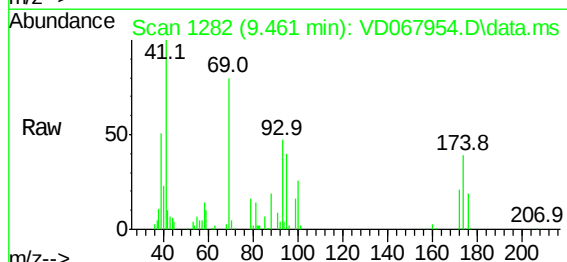
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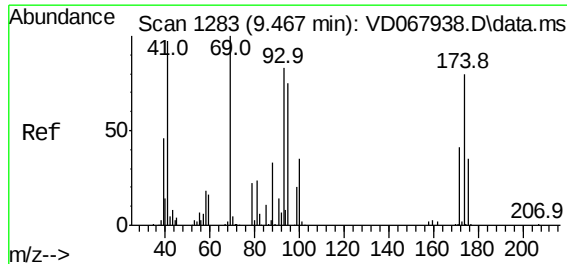
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Methyl methacrylate
Concen: 18.75 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 41 Resp: 37820
Ion Ratio Lower Upper
41 100
69 80.8 63.9 95.9
39 49.0 37.4 56.0



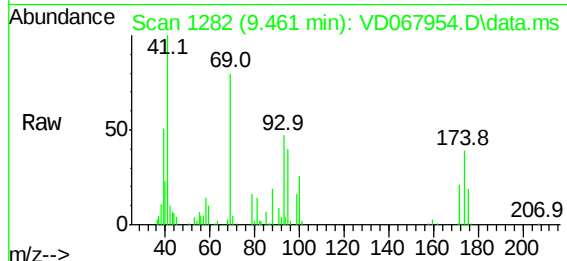


(#1294) (-)
1,4-Dioxane
Concen: 421.93 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

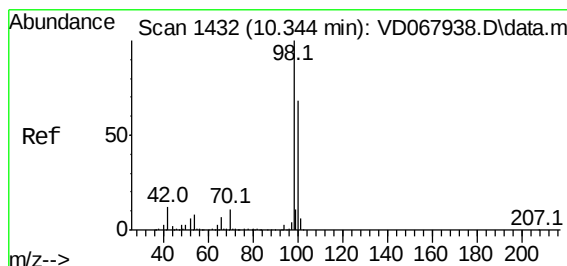
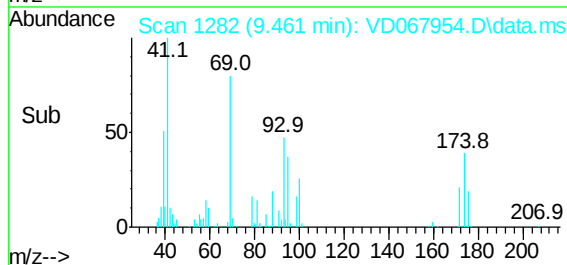
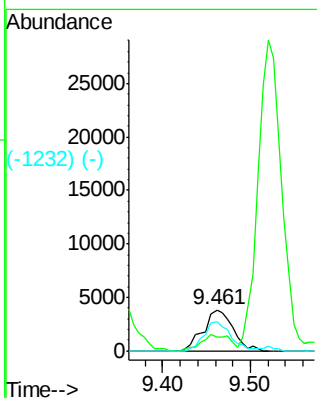
Instrument :
MSVOA_D
ClientSampleId :
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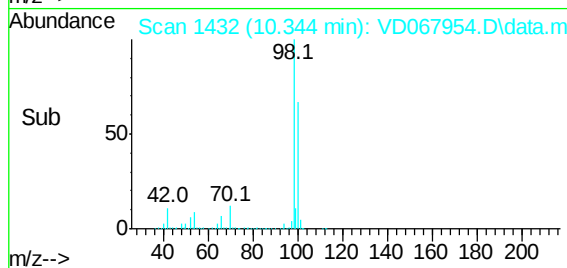
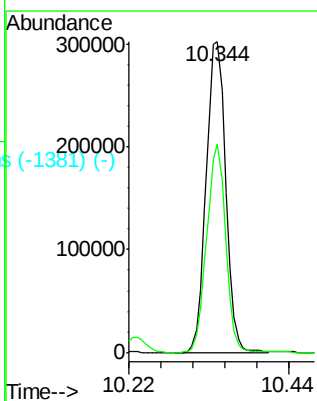
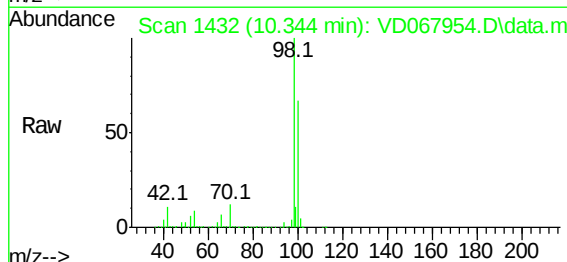


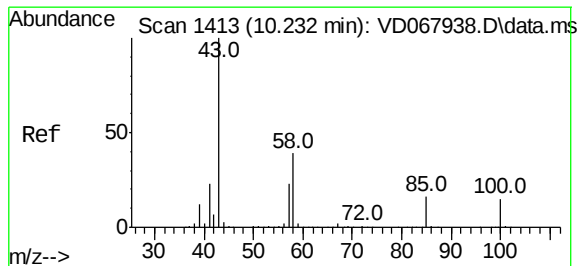
Tgt Ion: 88 Resp: 8689
Ion Ratio Lower Upper
88 100
43 38.2 27.3 40.9
58 63.5 54.8 82.2



(#5022) (-)
Toluene-d8
Concen: 48.67 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 98 Resp: 569779
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





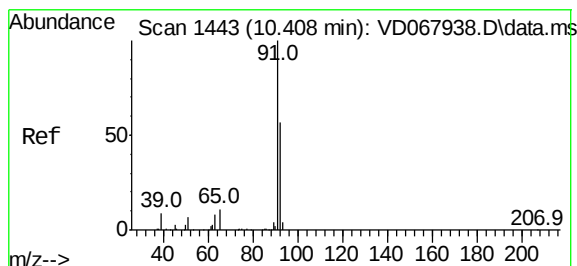
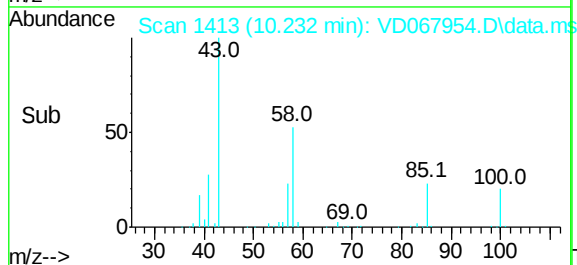
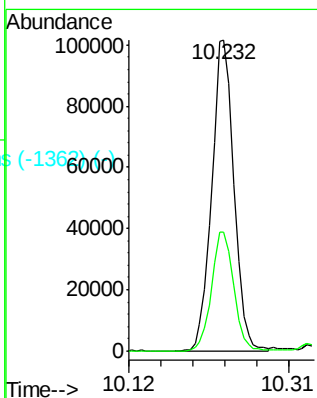
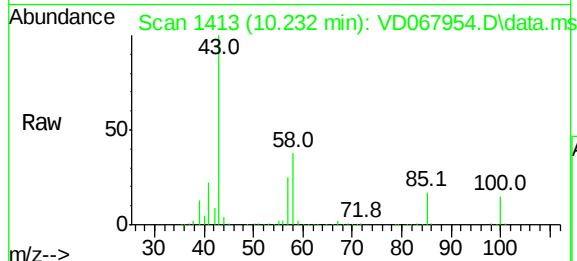
#5102 (-)
4-Methyl-2-Pentanone
Concen: 93.55 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 189036
Ion Ratio Lower Upper
43 100
58 38.3 30.0 45.0

Instrument :
MSVOA_D
ClientSampleId :
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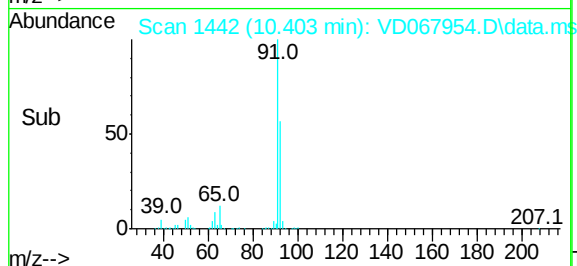
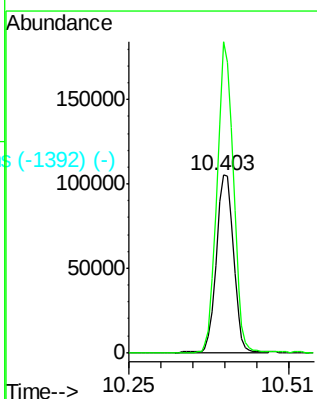
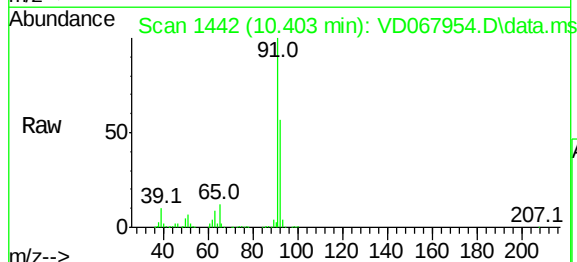
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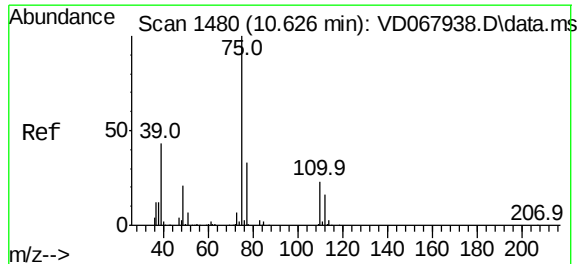
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#5133 (-)
Toluene
Concen: 20.65 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

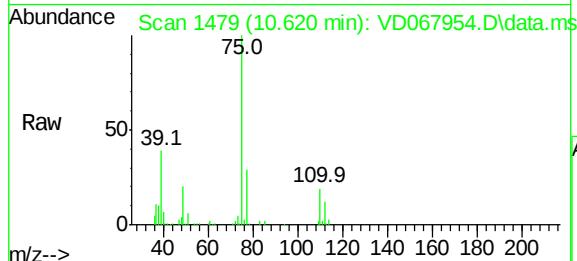
Tgt Ion: 92 Resp: 194299
Ion Ratio Lower Upper
92 100
91 167.4 138.5 207.7





#5470 (-)
t-1,3-Dichloropropene
Concen: 20.50 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

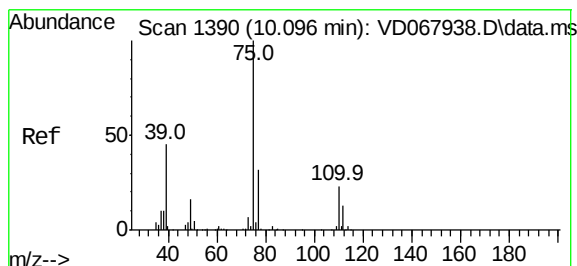
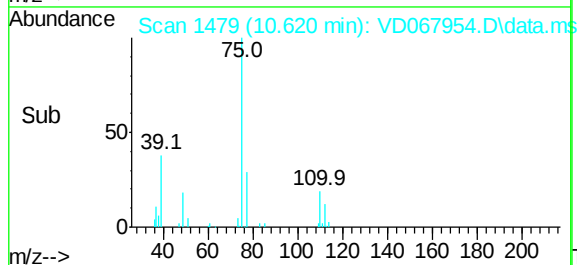
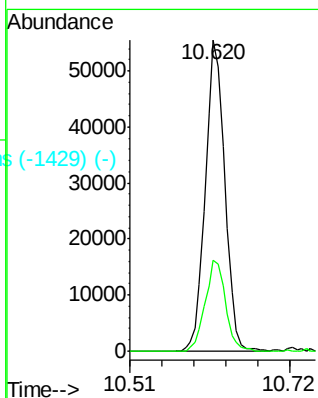
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01



Tgt Ion: 75 Resp: 94347
Ion Ratio Lower Upper
75 100
77 29.3 26.8 40.2

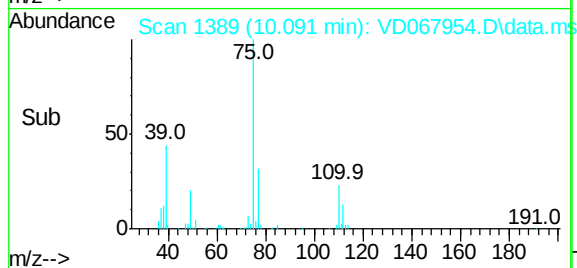
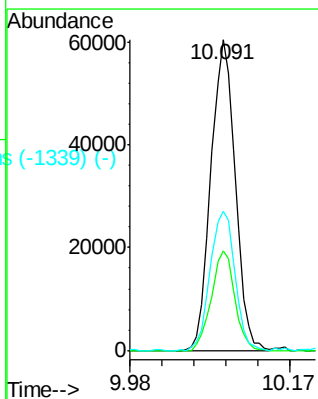
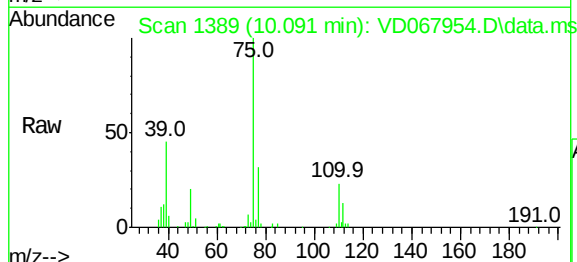
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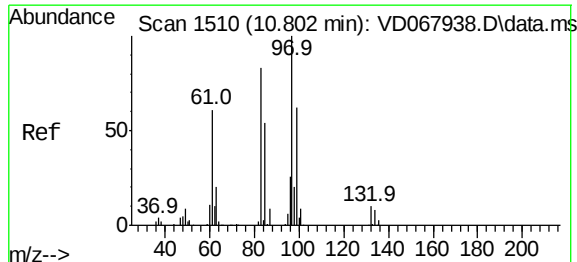
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#5479 (-)
cis-1,3-Dichloropropene
Concen: 19.87 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 75 Resp: 113127
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 44.8 35.7 53.5





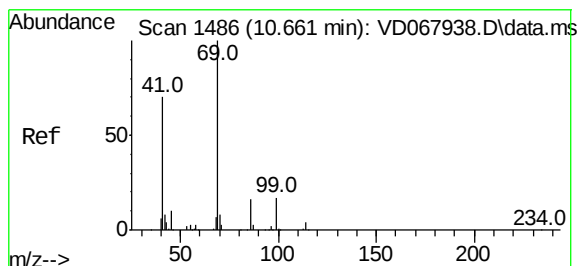
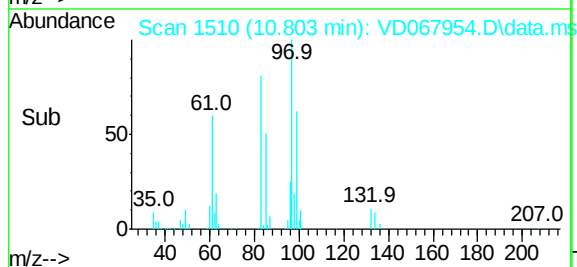
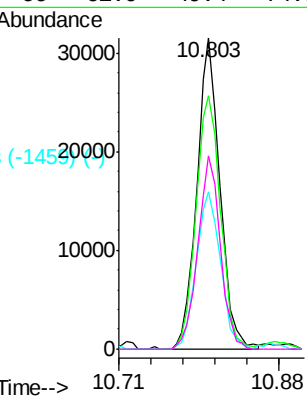
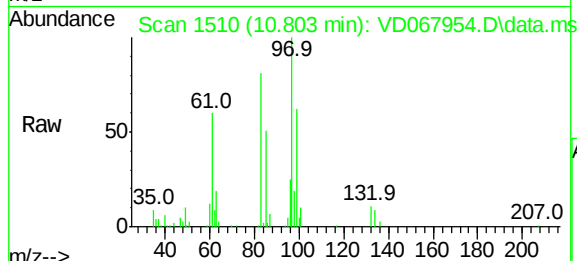
1,1,2-Trichloroethane
Concen: 20.56 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	97	Resp:	54183
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.4	99.6
85	50.6	43.4	65.0
99	62.0	49.4	74.0

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

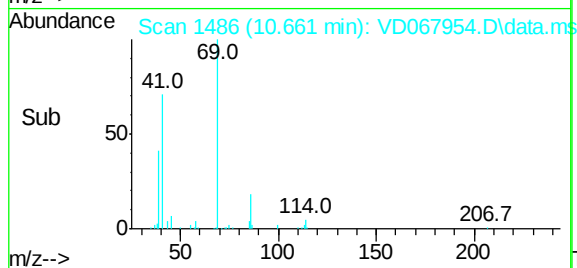
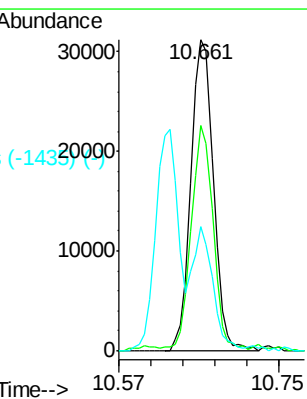
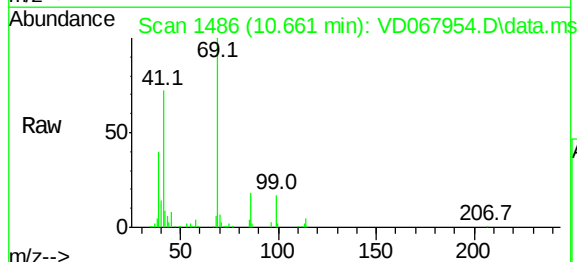
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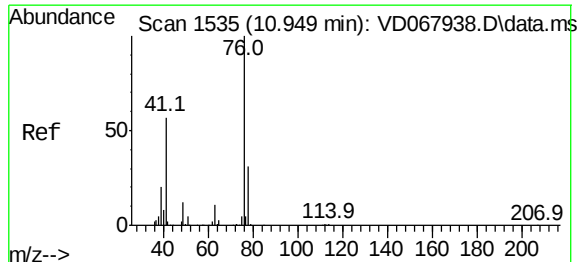
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Ethyl methacrylate
Concen: 18.23 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	69	Resp:	53981
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.4	84.6
39	35.0	24.6	36.8





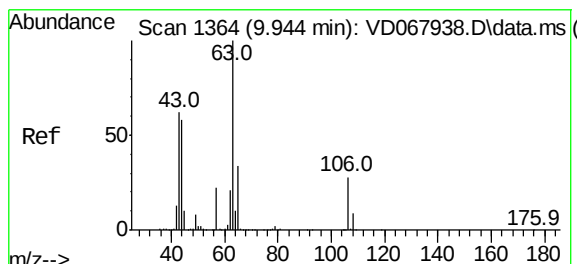
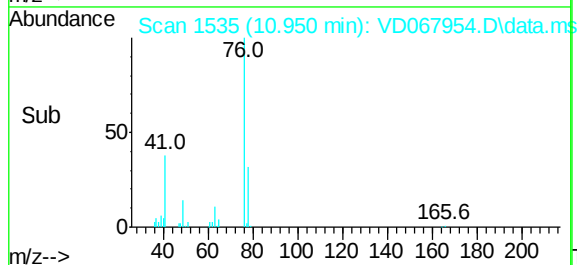
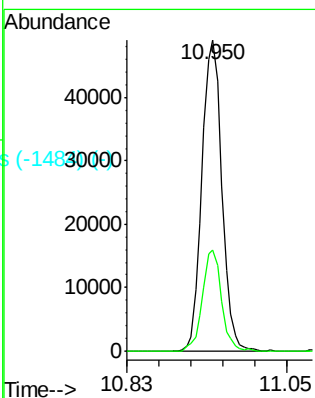
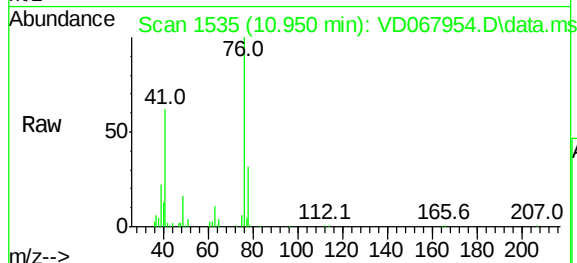
1,3-Dichloropropane
Concen: 19.43 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	76	Resp:	90075
Ion Ratio	Lower	Upper	
76	100		
78	31.1	25.2	37.8

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

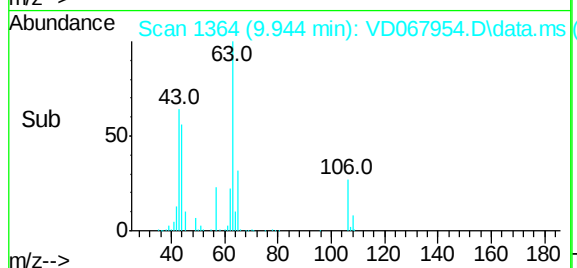
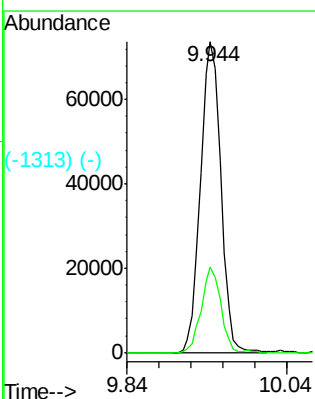
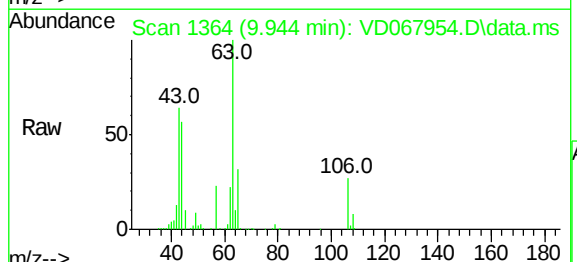
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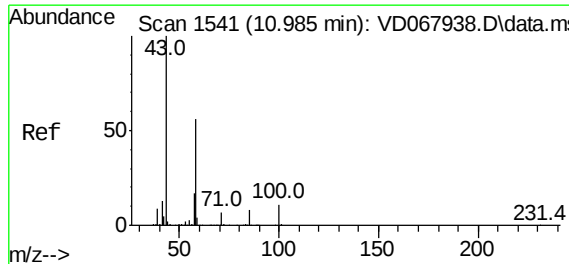
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2-Chloroethyl Vinyl ether
Concen: 87.78 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	63	Resp:	130817
Ion Ratio	Lower	Upper	
63	100		
106	26.4	21.6	32.4





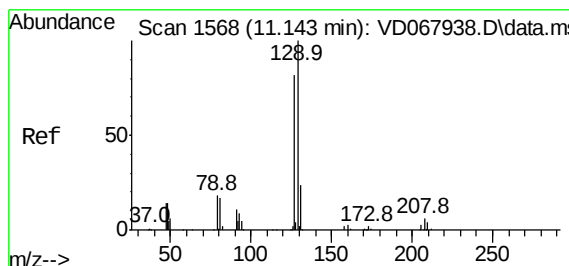
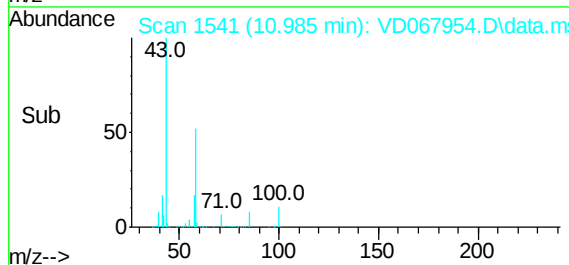
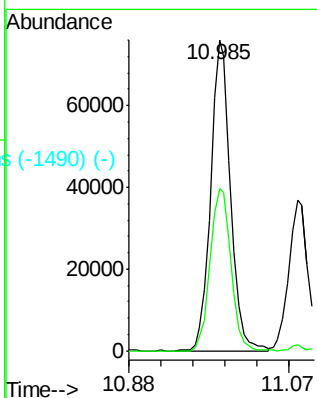
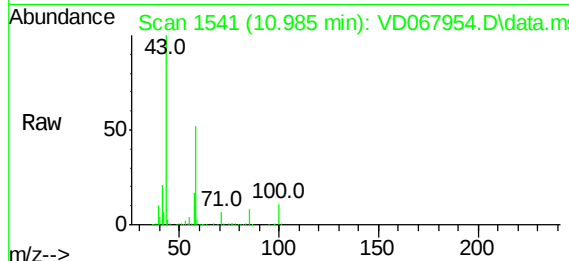
#5931 (-)
2-Hexanone
Concen: 94.97 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 126107
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.4

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

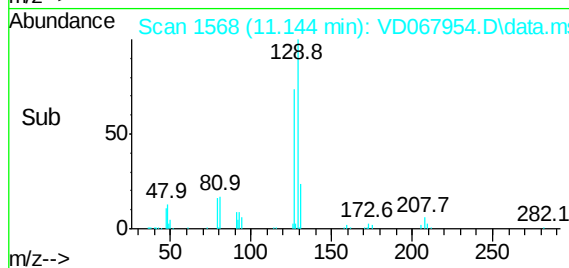
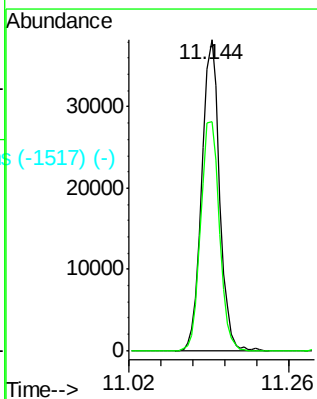
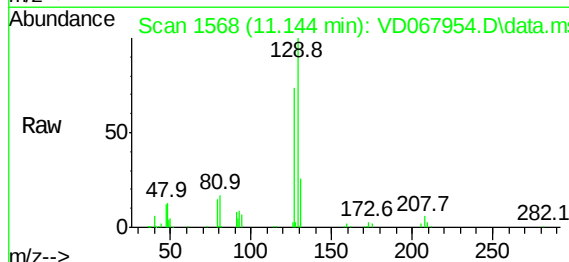
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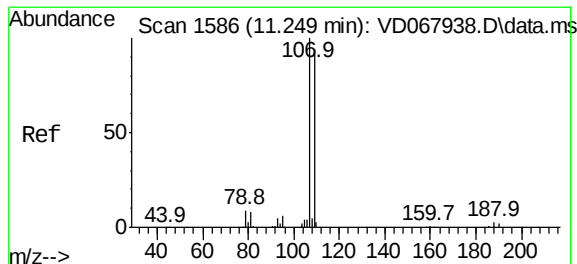
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#6059 (-)
Dibromochloromethane
Concen: 20.75 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:129 Resp: 67754
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4



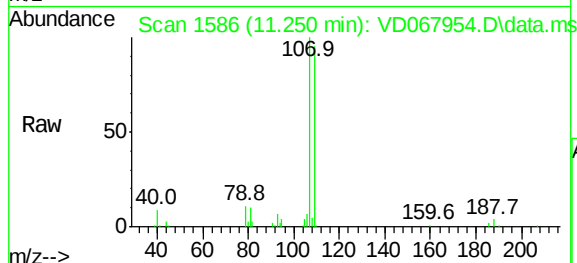


#6178 (-)
1,2-Dibromoethane
Concen: 19.75 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

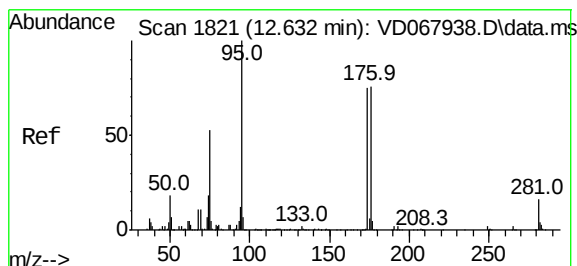
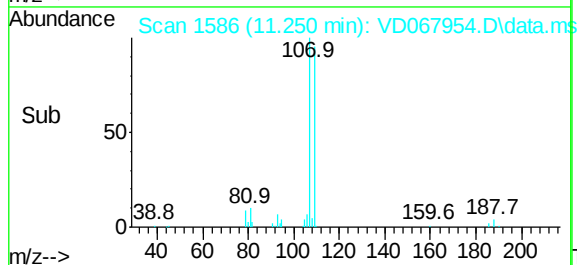
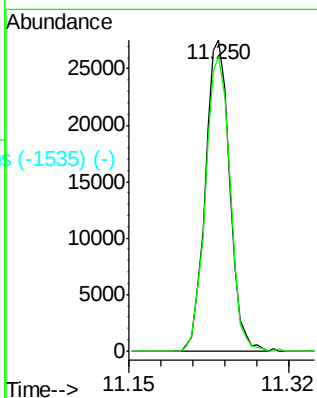
Instrument :
MSVOA_D
ClientSampleId :
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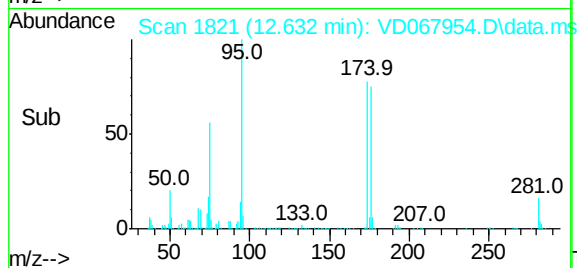
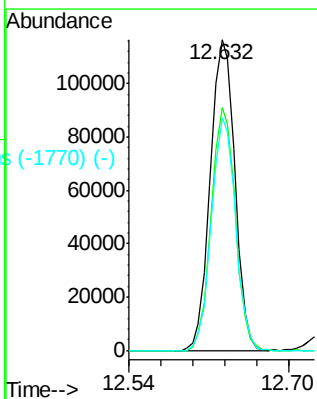
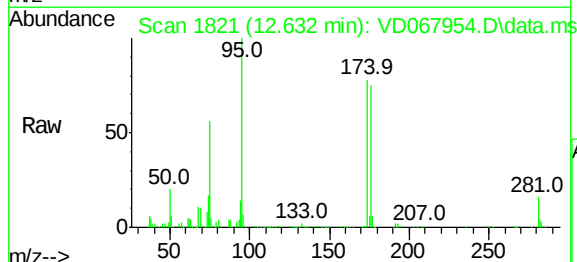


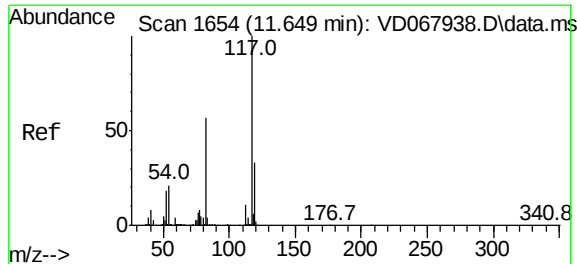
Tgt Ion:107 Resp: 49937
Ion Ratio Lower Upper
107 100
109 96.2 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 49.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 95 Resp: 198616
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.6
176 73.5 0.0 151.2





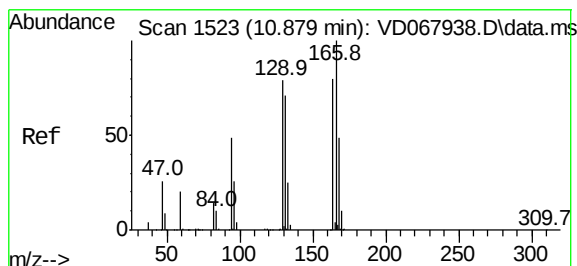
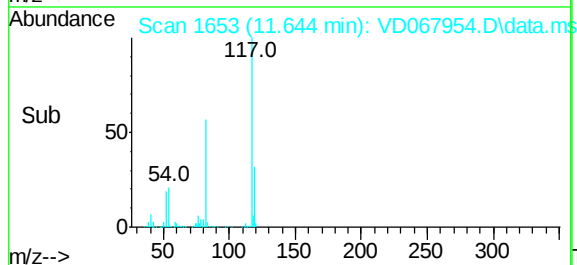
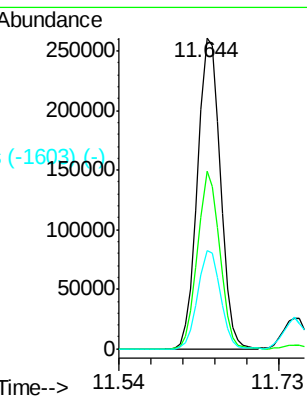
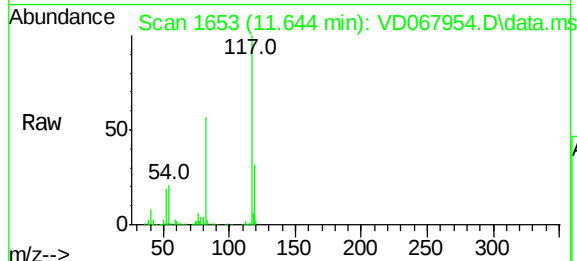
#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:117 Resp: 456804
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.0
119 31.5 26.7 40.1

Instrument :
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ClientSampleId :
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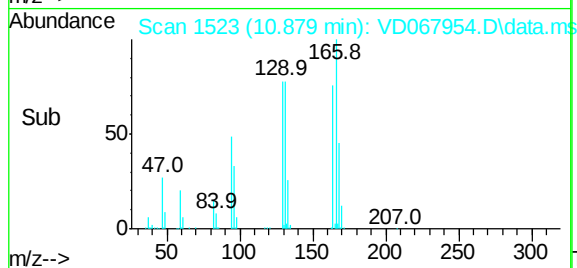
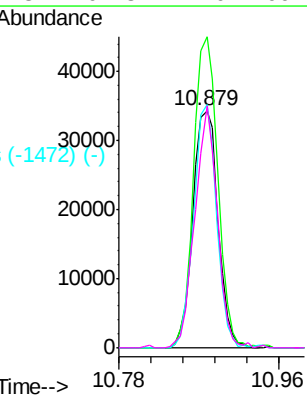
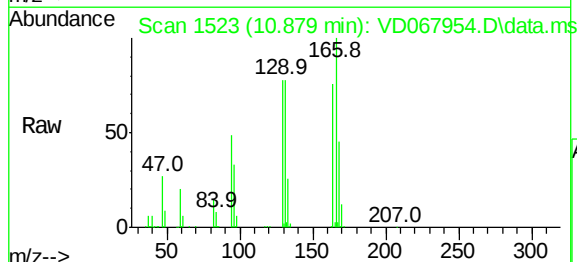
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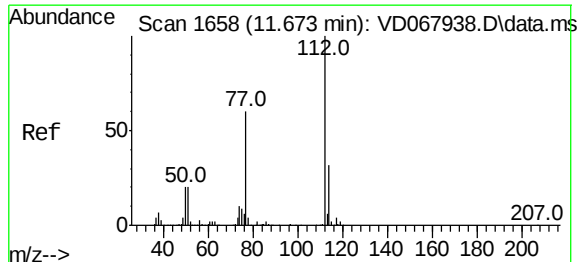
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#6414 (-)
Tetrachloroethene
Concen: 20.39 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:164 Resp: 65339
Ion Ratio Lower Upper
164 100
166 131.1 99.4 149.2
129 102.5 79.0 118.4
131 101.8 71.0 106.4



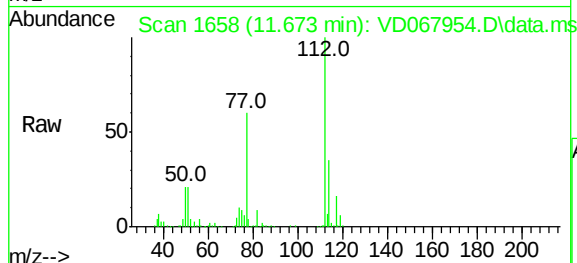


Chlorobenzene
Concen: 19.47 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

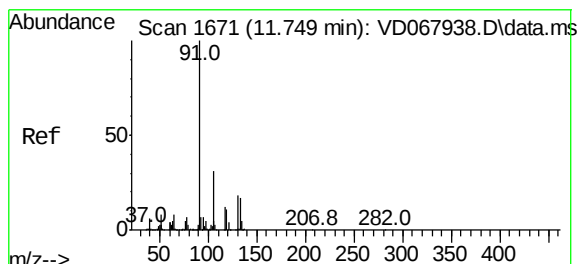
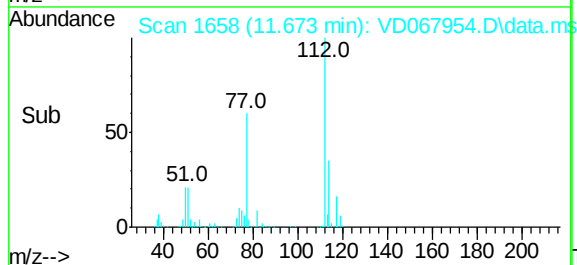
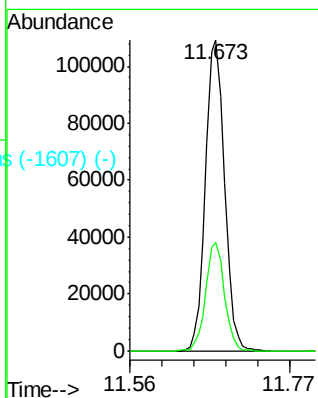
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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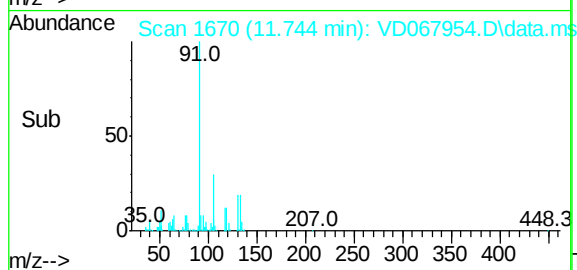
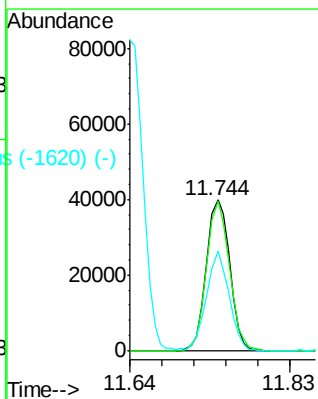
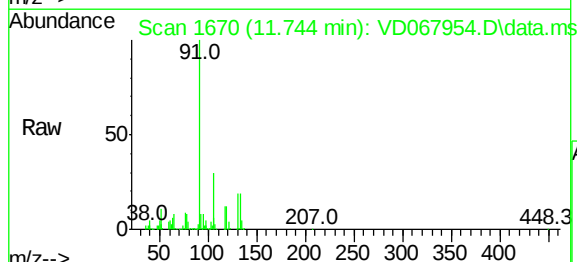


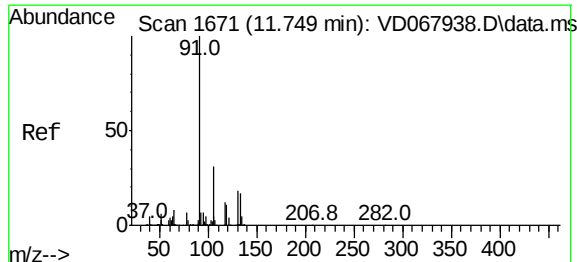
Tgt Ion:112 Resp: 191844
Ion Ratio Lower Upper
112 100
114 34.8 25.3 37.9



1,1,1,2-Tetrachloroethane
Concen: 20.24 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

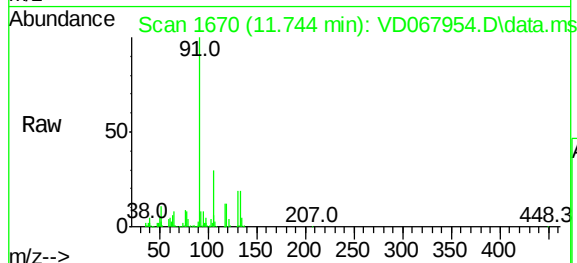
Tgt Ion:131 Resp: 71201
Ion Ratio Lower Upper
131 100
133 97.2 48.4 145.0
119 63.5 33.4 100.2





#661 (-)
Ethyl Benzene
Concen: 19.81 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

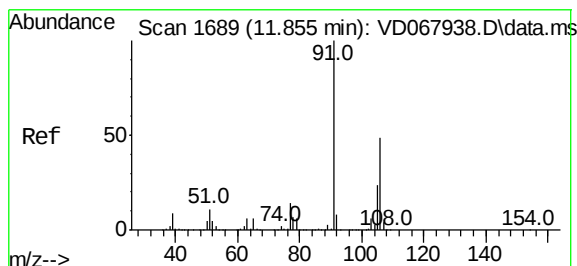
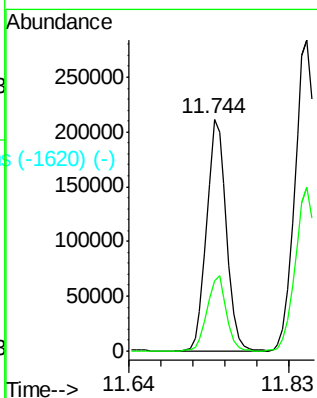
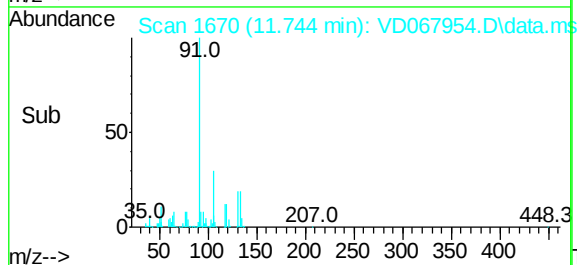
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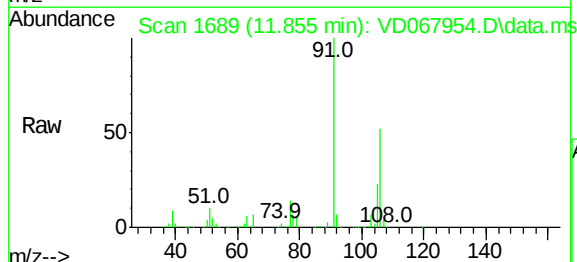
Tgt Ion: 91 Resp: 348109
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0

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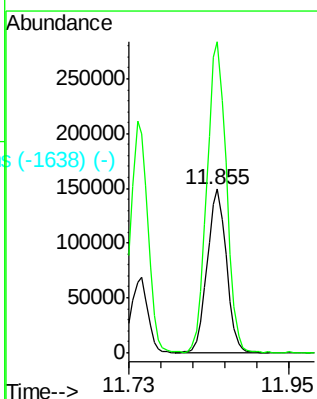
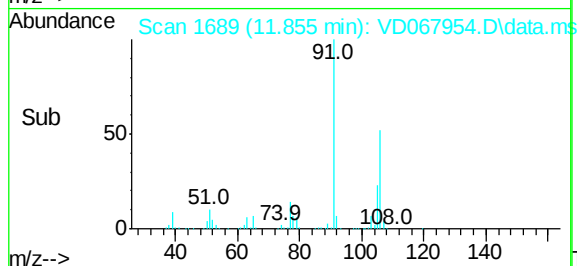
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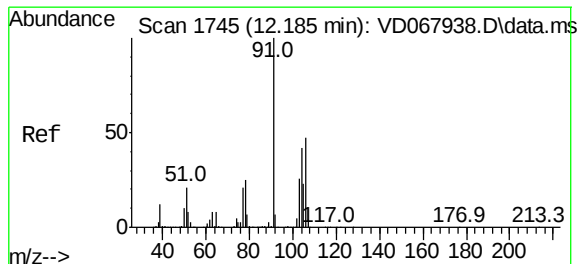


#660 (-)
m/p-Xylenes
Concen: 41.11 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46



Tgt Ion: 106 Resp: 275337
Ion Ratio Lower Upper
106 100
91 193.5 159.9 239.9



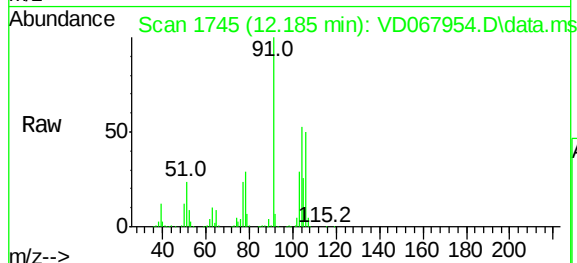


#6937 (-)
o-Xylene
Concen: 19.50 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

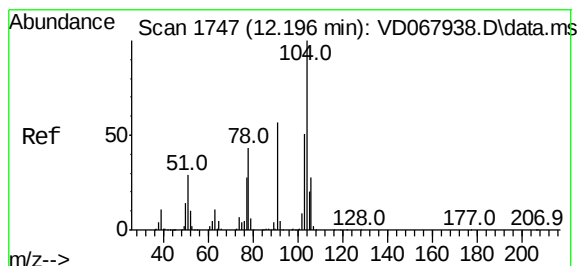
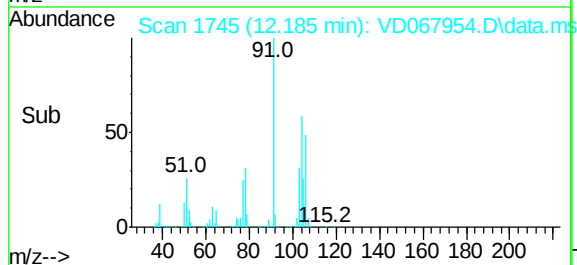
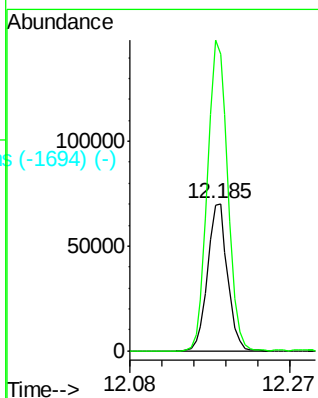
Instrument :
MSVOA_D
ClientSampleId :
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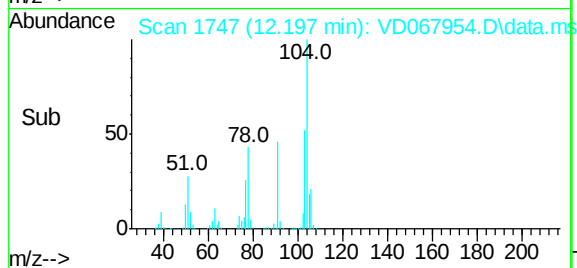
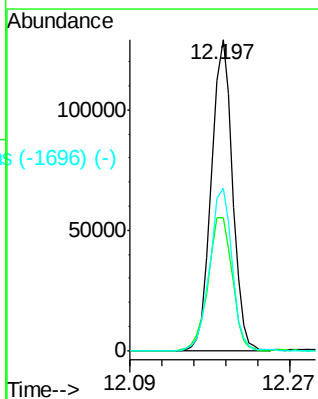
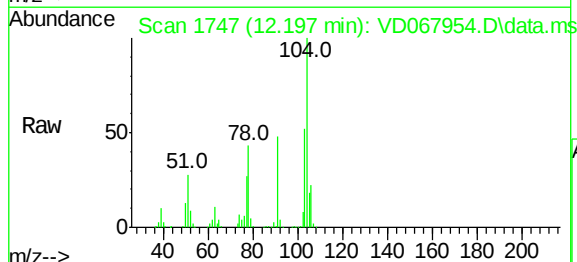


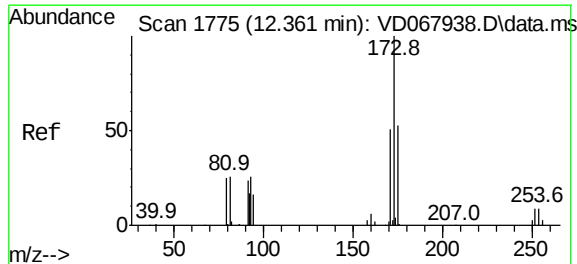
Tgt Ion:106 Resp: 116845
Ion Ratio Lower Upper
106 100
91 215.7 106.0 317.9



#1736 (-)
Styrene
Concen: 20.02 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:104 Resp: 207280
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.9 44.2 66.4





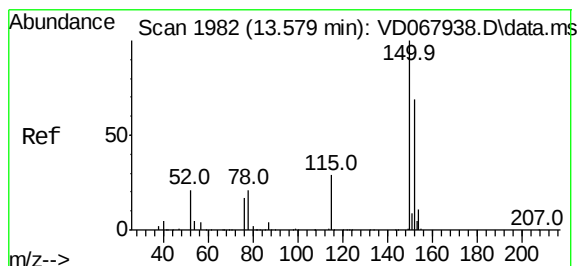
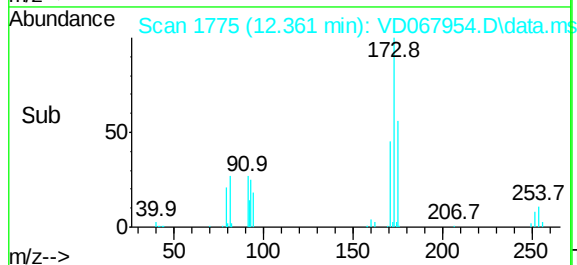
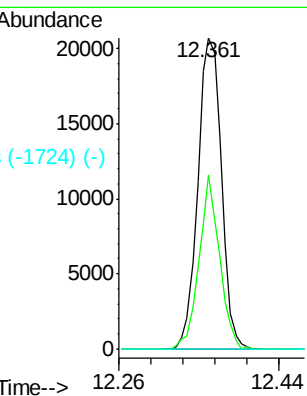
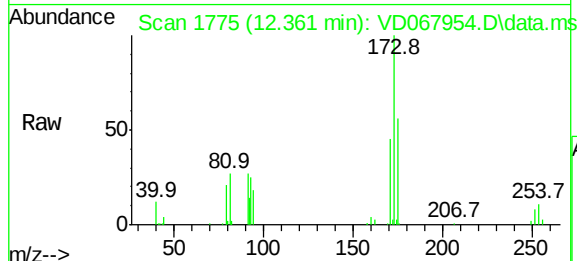
#1767 (-)
Bromoform
Concen: 20.52 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Instrument :
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ClientSampleId :
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Tgt Ion:173 Resp: 36480
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.0 0.0

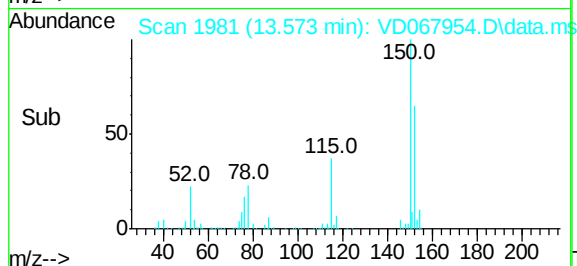
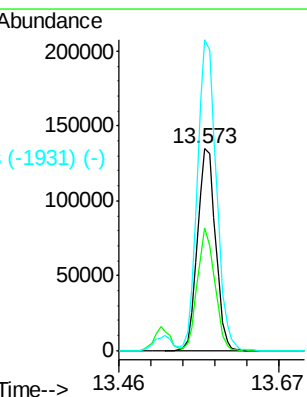
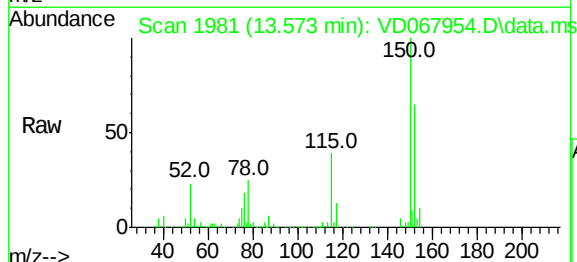
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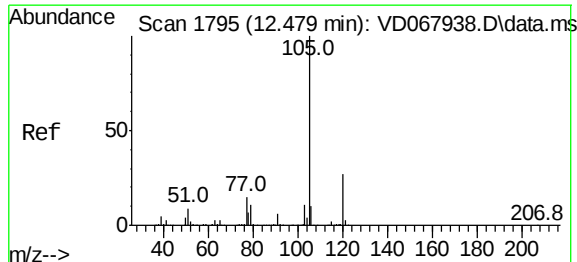
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#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:152 Resp: 222254
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 162.3 0.0 340.0



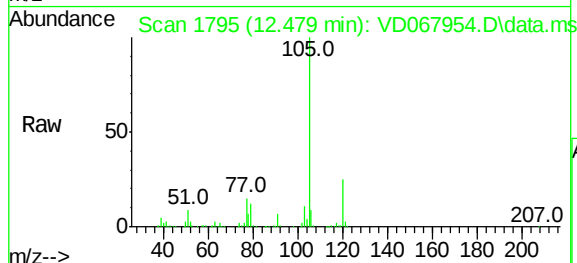


#1786 (-)
Isopropylbenzene
Concen: 19.69 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

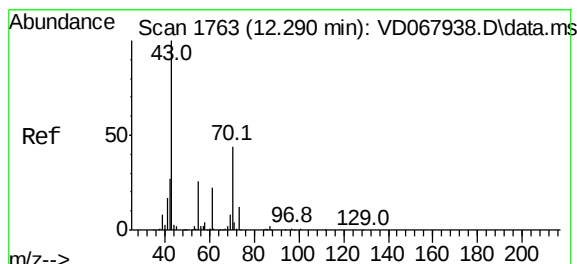
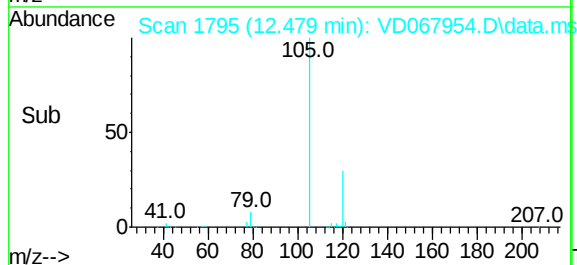
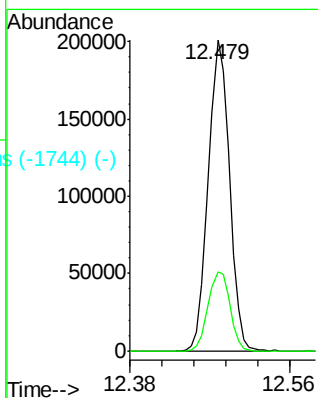
Instrument :
MSVOA_D
ClientSampleId :
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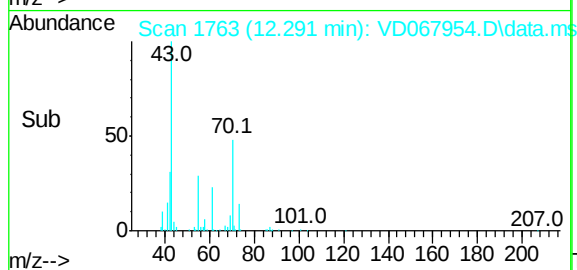
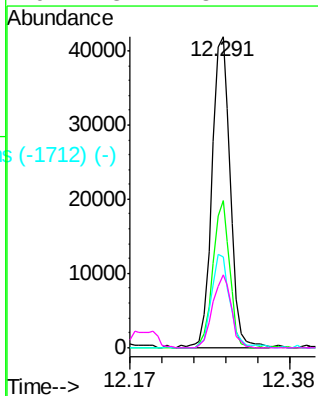
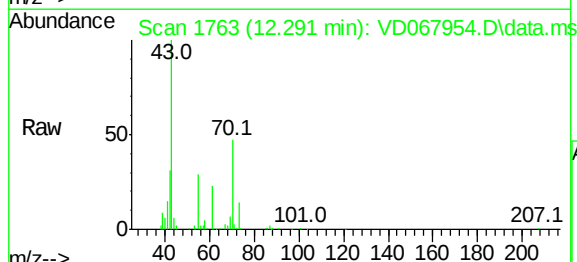


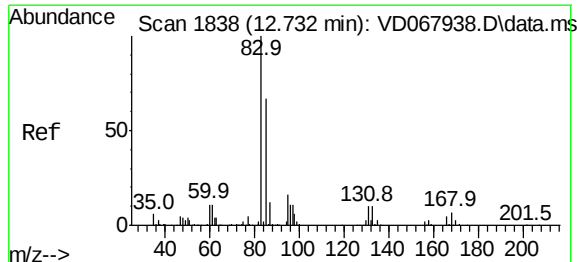
Tgt Ion:105 Resp: 324885
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 17.86 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion: 43 Resp: 66891
Ion Ratio Lower Upper
43 100
70 42.9 34.3 51.5
55 29.7 21.2 31.8
61 23.7 18.4 27.6



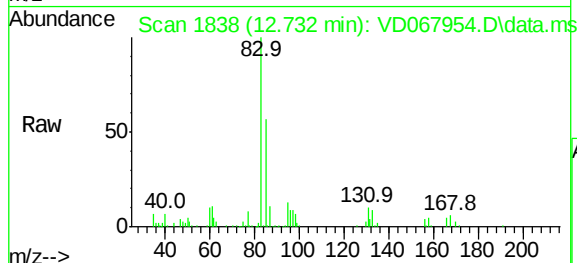


#1830 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 19.56 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

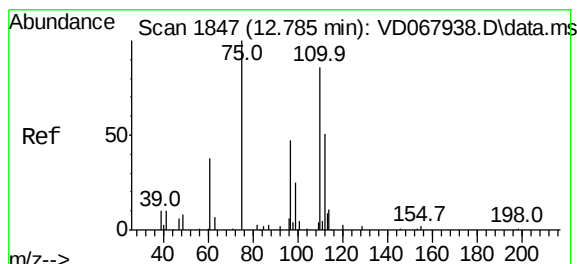
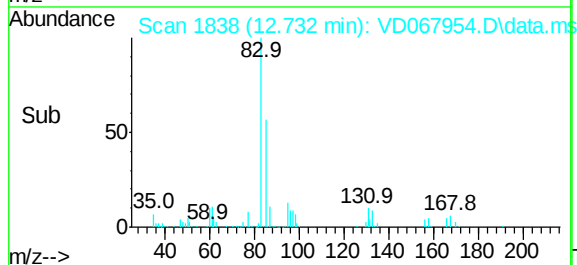
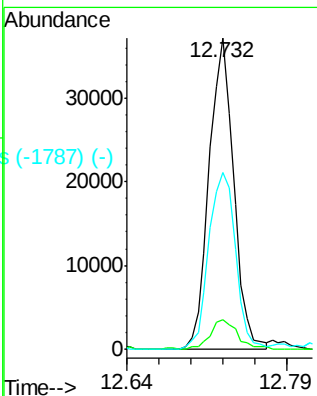
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

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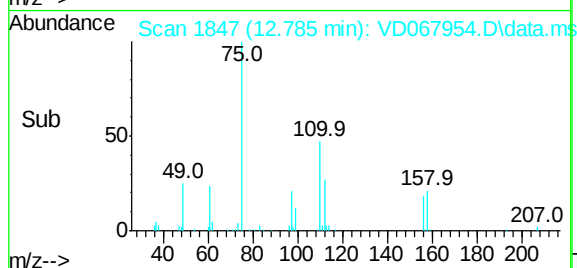
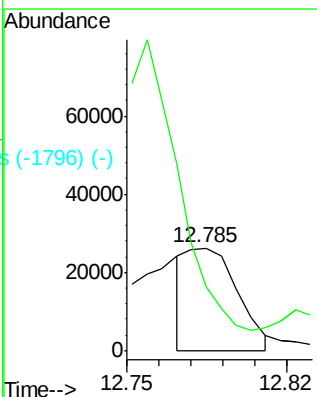
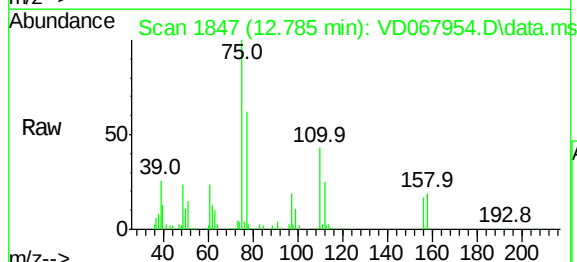


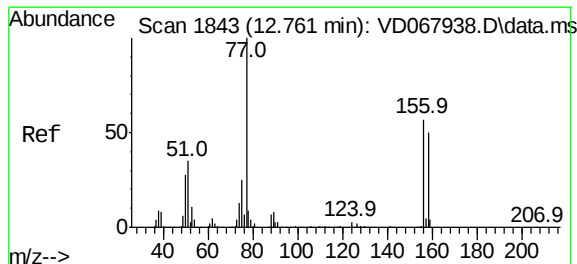
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	61.9	32.1	96.3



#1845 (-)
 1,2,3-Trichloropropane
 Concen: 19.80 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

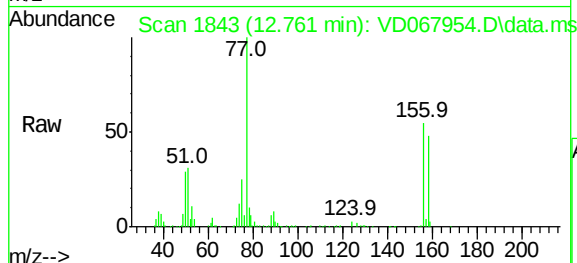
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 19.55 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

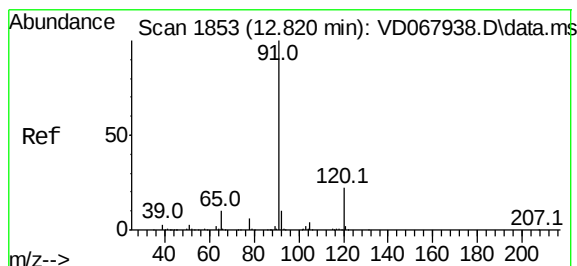
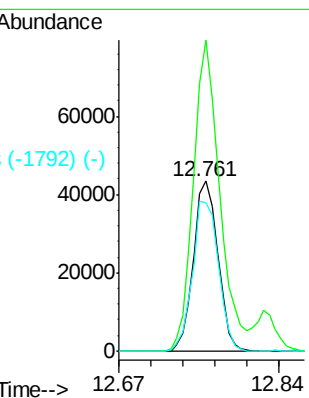
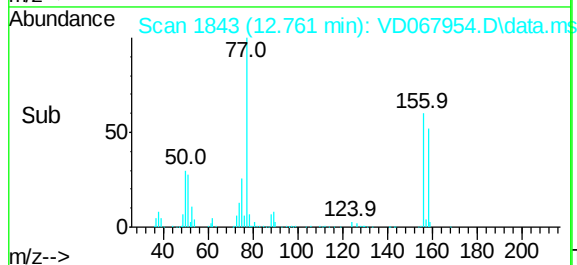
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01



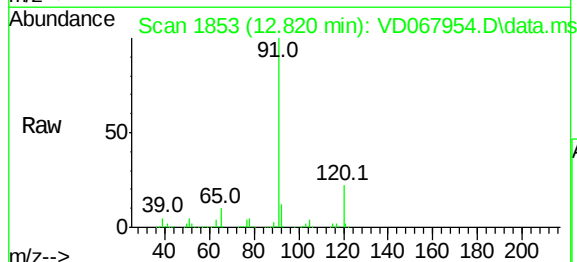
Tgt Ion:	156	Resp:	73743
Ion	Ratio	Lower	Upper
156	100		
77	196.6	95.9	287.6
158	93.3	46.8	140.3

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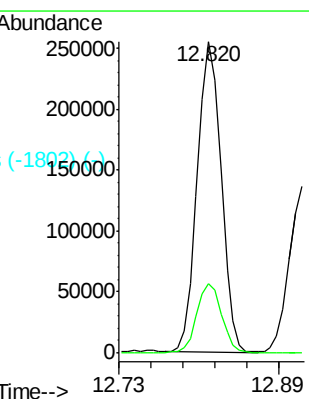
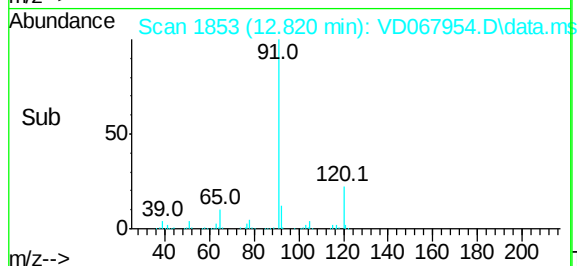
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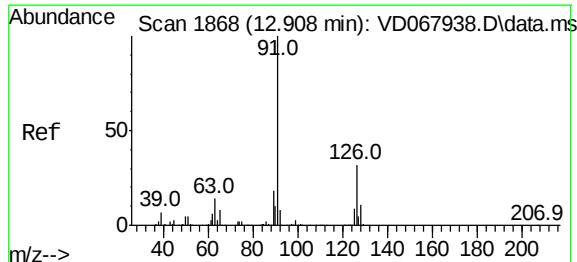


#1847 (-)
n-propylbenzene
Concen: 19.65 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46



Tgt Ion:	91	Resp:	403004
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5



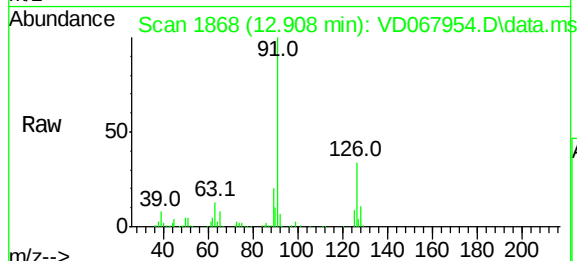


#1861 (-)
 2-Chlorotoluene
 Concen: 19.39 ug/l
 RT: 12.908 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

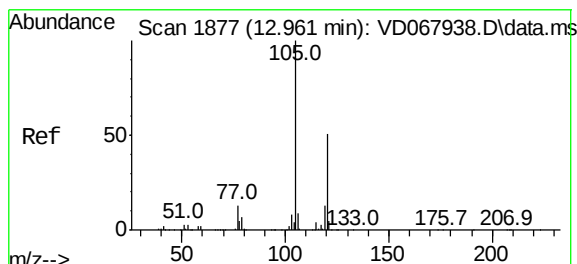
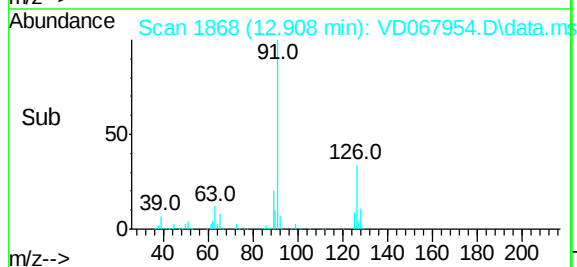
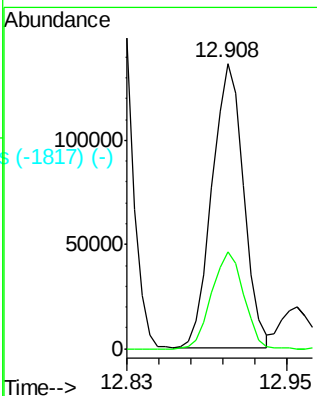
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

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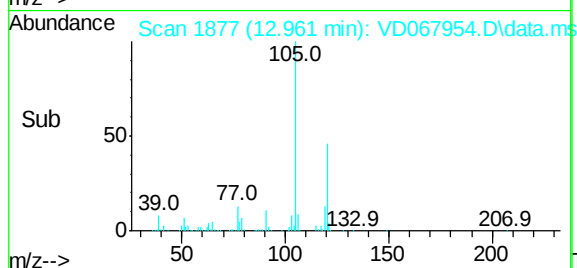
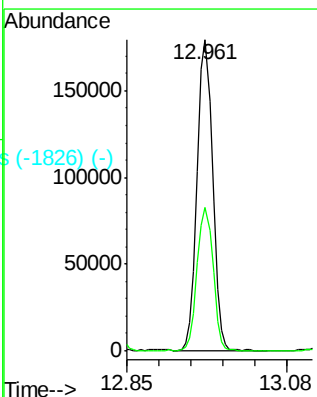
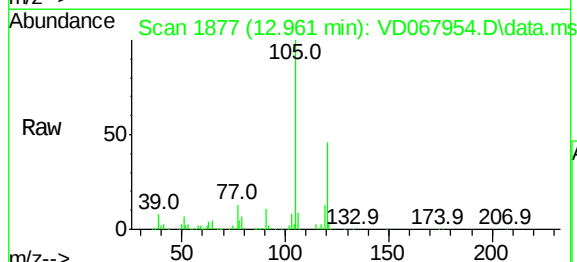


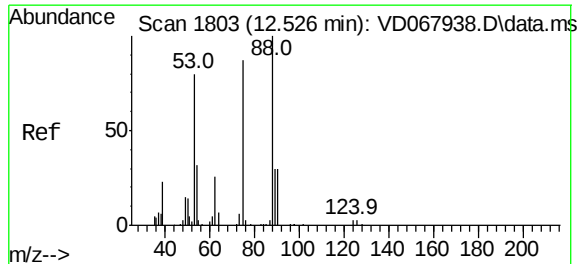
Tgt Ion: 91 Resp: 224628
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.8 50.3



#1868 (-)
 1,3,5-Trimethylbenzene
 Concen: 20.50 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion: 105 Resp: 280807
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.9 74.6



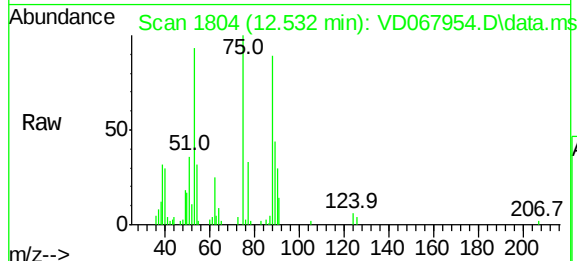


#1799 (-)
trans-1,4-Dichloro-2-butene
Concen: 19.81 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

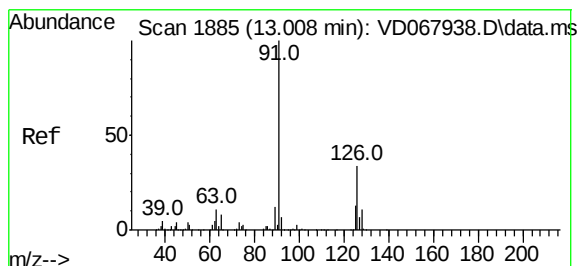
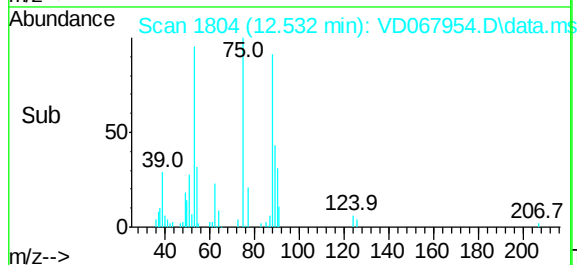
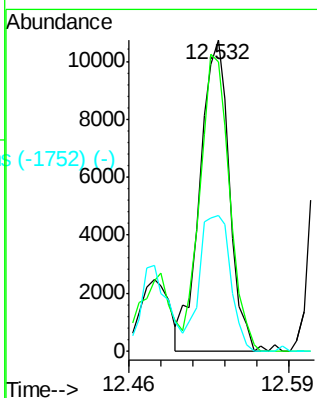
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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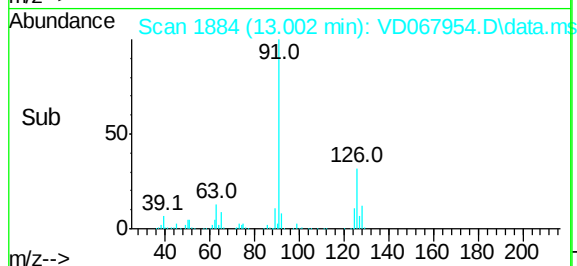
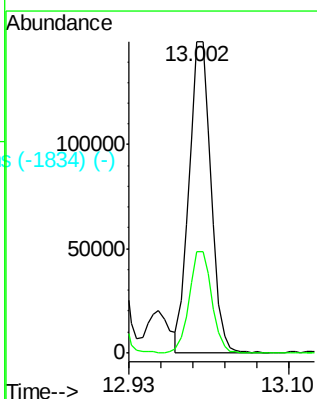
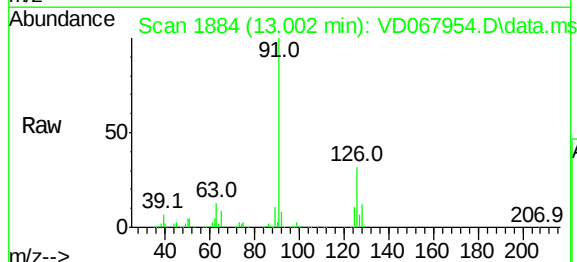


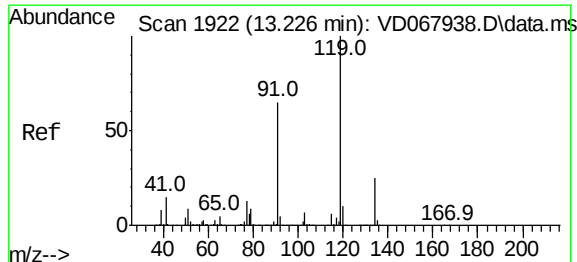
Tgt Ion:	75	Resp:	18083
Ion	Ratio	Lower	Upper
75	100		
53	95.1	74.9	112.3
89	46.4	33.8	50.8



#1880 (-)
4-Chlorotoluene
Concen: 20.06 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

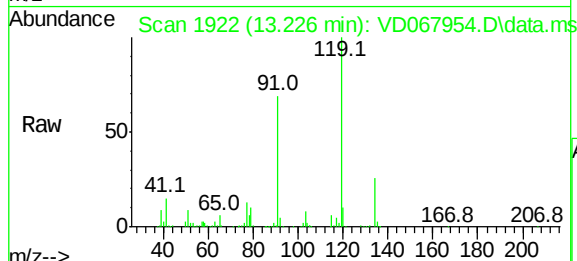
Tgt Ion:	91	Resp:	244205
Ion	Ratio	Lower	Upper
91	100		
126	33.3	17.0	51.0





#8913 (-)
tert-Butylbenzene
Concen: 19.32 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

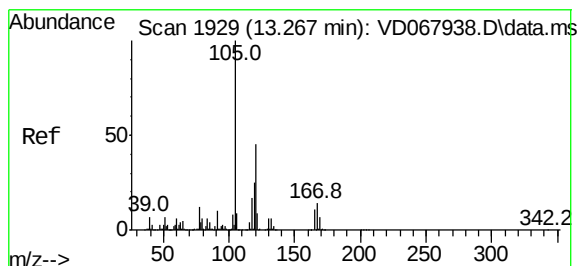
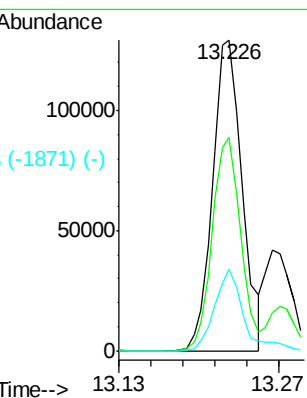
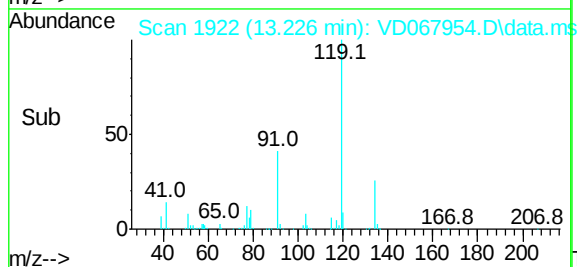


Tgt Ion:119 Resp: 217688

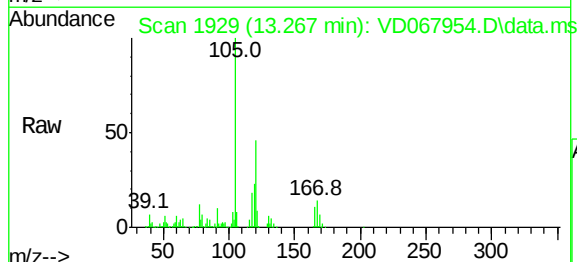
Ion	Ratio	Lower	Upper
119	100		
91	66.1	32.7	98.1
134	25.9	13.3	39.8

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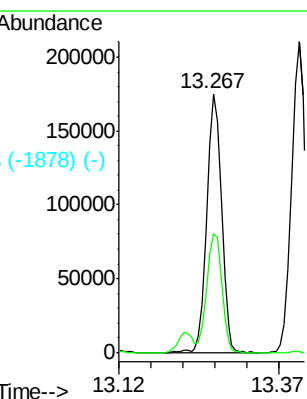
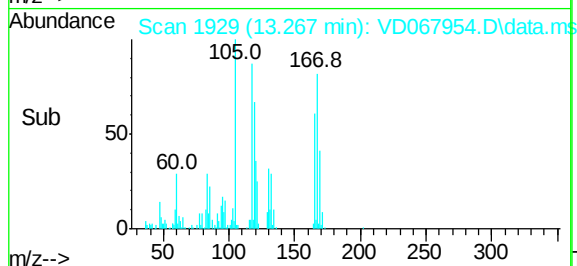


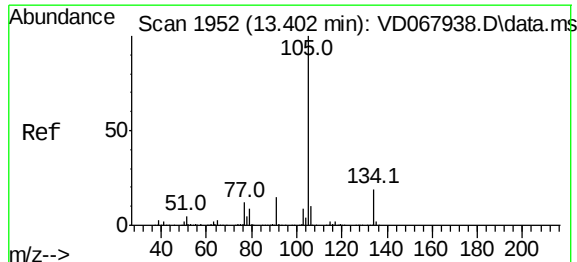
#8916 (-)
1,2,4-Trimethylbenzene
Concen: 20.15 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46



Tgt Ion:105 Resp: 276834

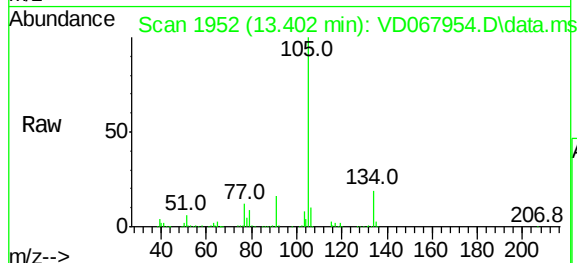
Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.7	68.0





#8543 (-)
 sec-Butylbenzene
 Concen: 19.74 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

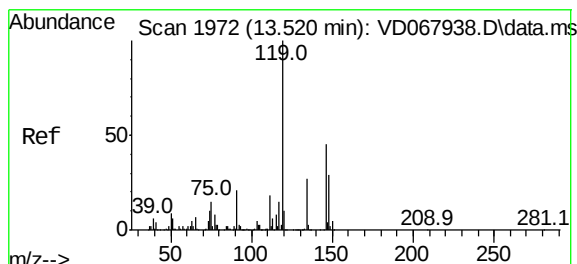
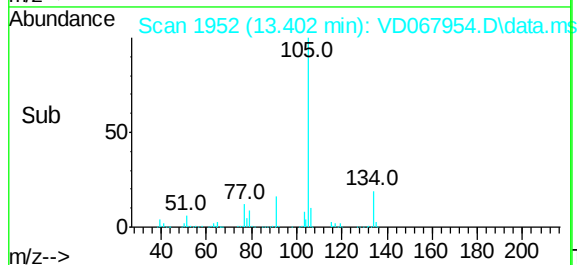
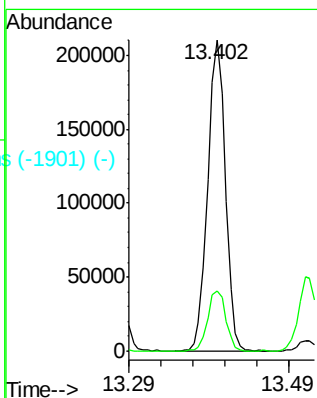
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01



Tgt Ion:105 Resp: 325473
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1

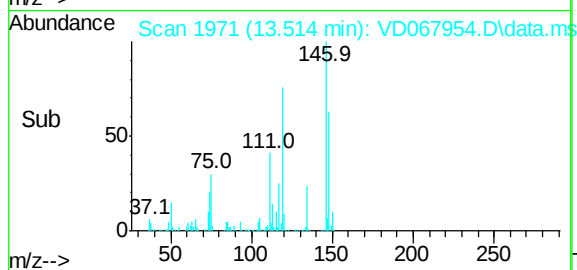
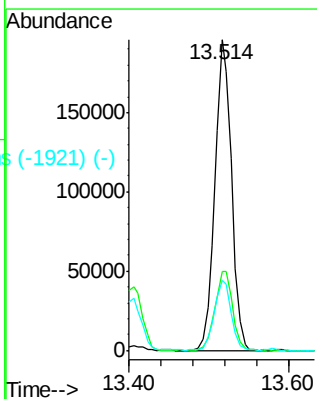
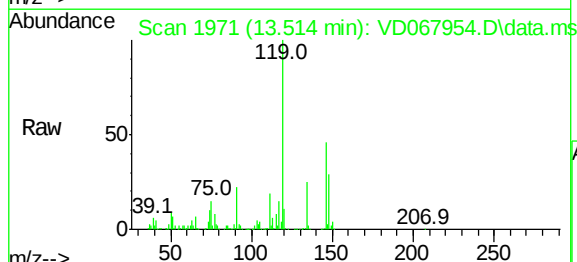
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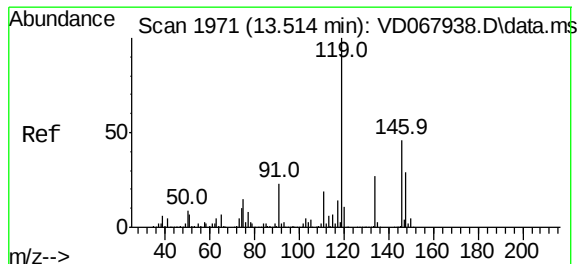
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#8564 (-)
 p-Isopropyltoluene
 Concen: 19.69 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067954.D
 Acq: 28 Dec 2020 11:46

Tgt Ion:119 Resp: 285631
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.9
 91 22.8 11.4 34.2





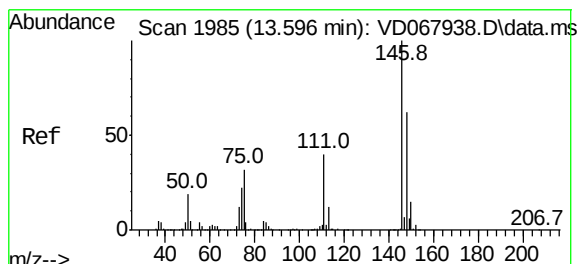
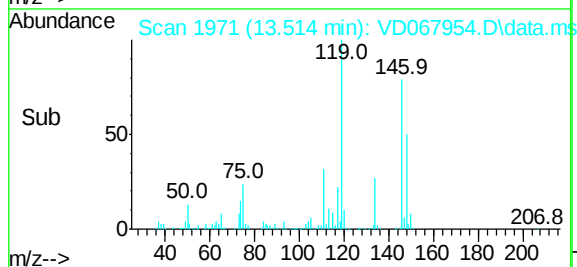
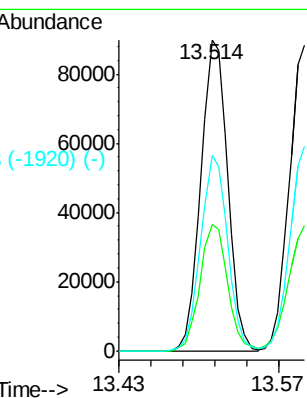
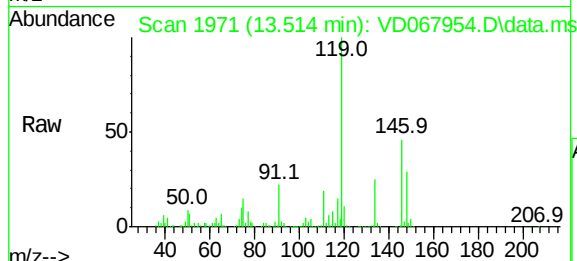
#8763 (-)
1,3-Dichlorobenzene
Concen: 19.71 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	146	Resp:	147906
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	60.9
148	63.4	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

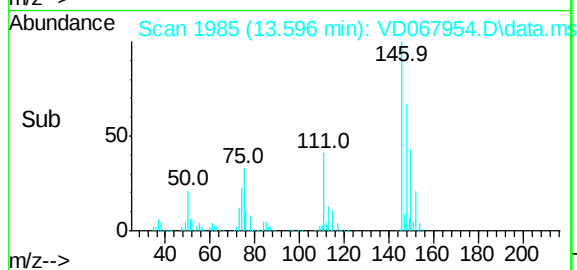
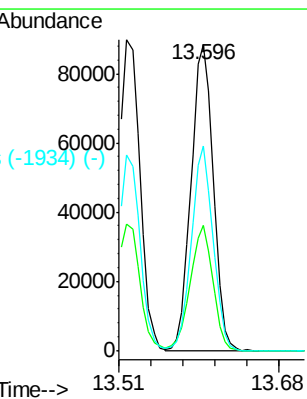
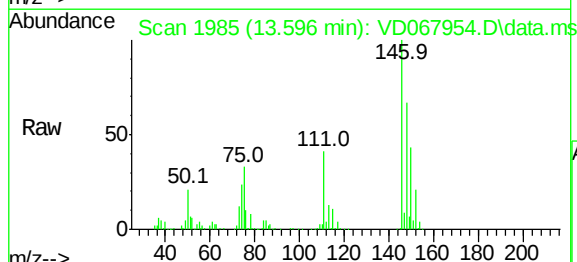
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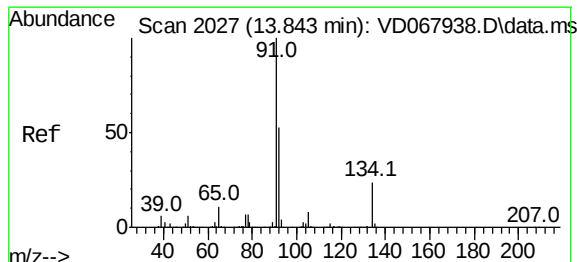
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#8778 (-)
1,4-Dichlorobenzene
Concen: 19.87 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	146	Resp:	147254
Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.4	58.2
148	65.1	31.9	95.9





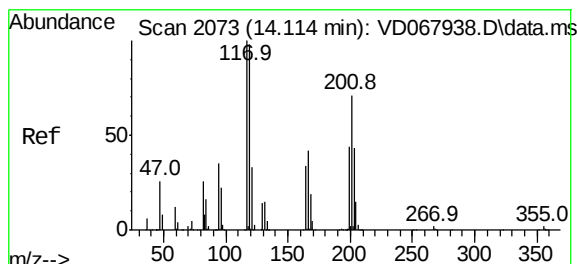
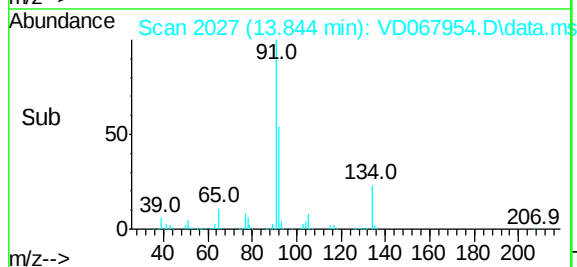
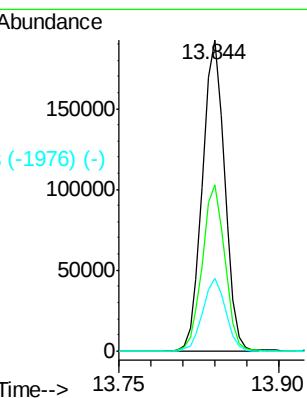
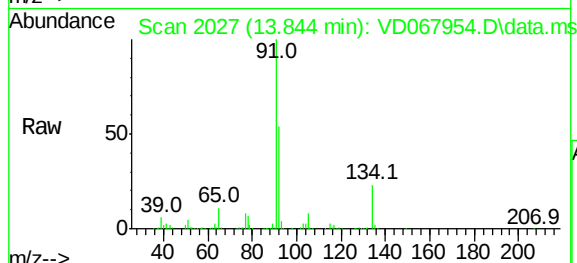
#9017 (-)
n-Butylbenzene
Concen: 19.45 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.3
134	23.8	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

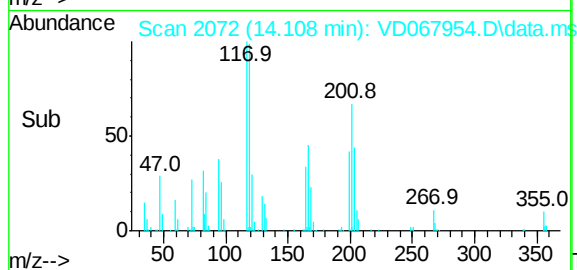
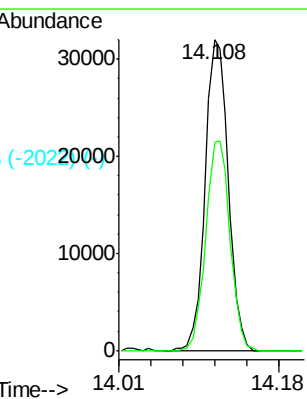
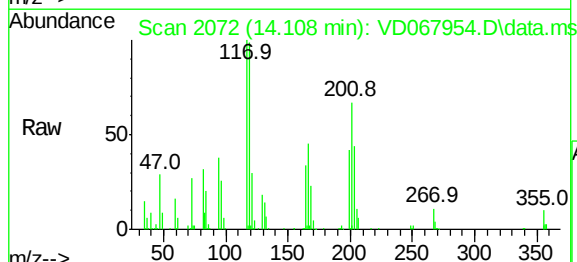
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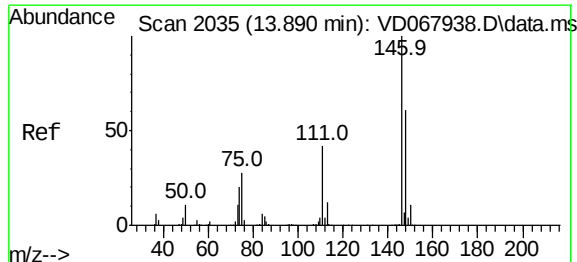
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#2064 (-)
Hexachloroethane
Concen: 18.64 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.6	34.3	102.8



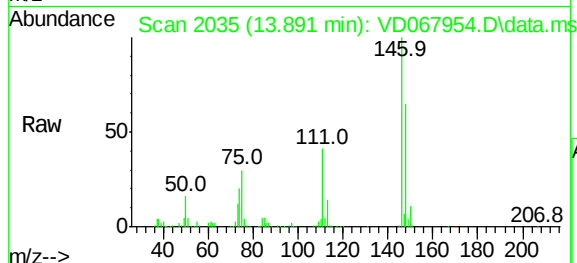


1,2-Dichlorobenzene
Concen: 20.15 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

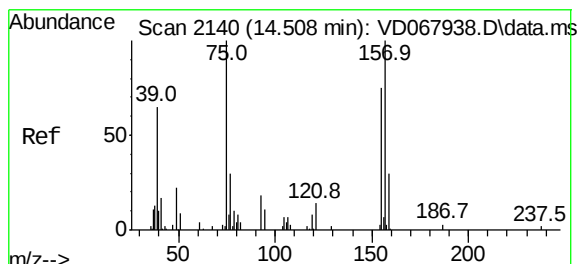
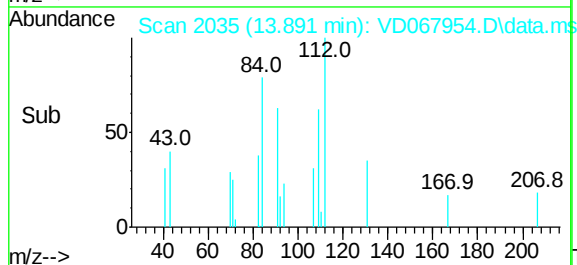
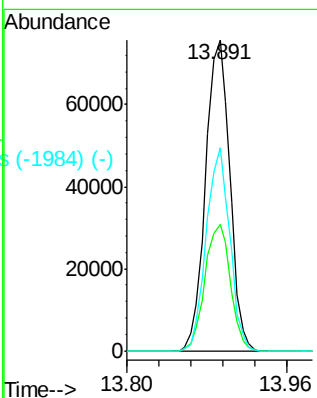
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

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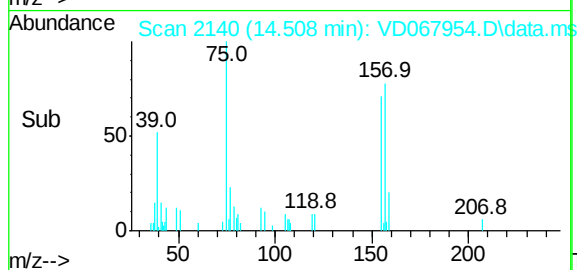
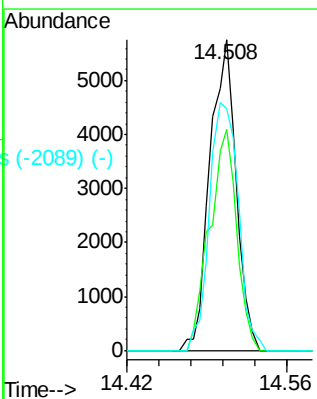
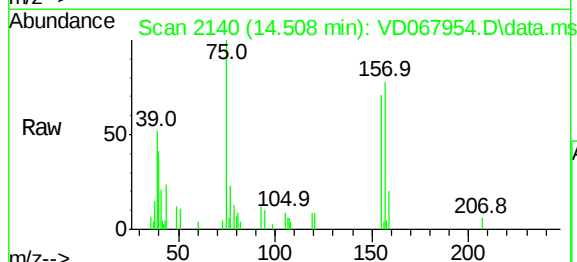


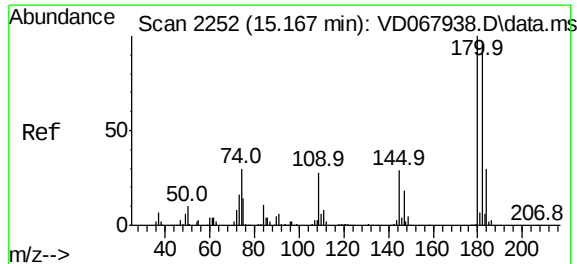
Tgt Ion:	146	Resp:	127265
Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.8	62.5
148	63.3	31.6	95.0



1,2-Dibromo-3-Chloropropane
Concen: 19.38 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion:	75	Resp:	9288
Ion	Ratio	Lower	Upper
75	100		
155	73.8	39.8	119.3
157	88.2	50.6	151.9





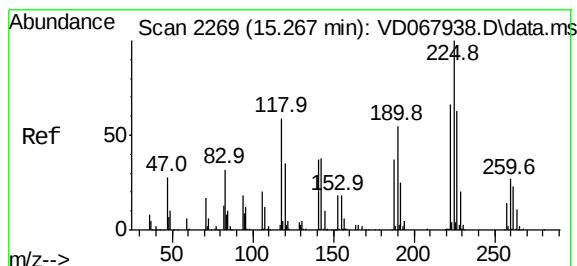
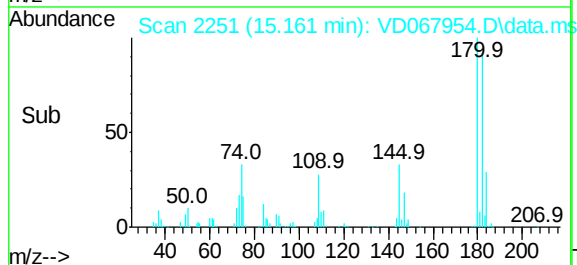
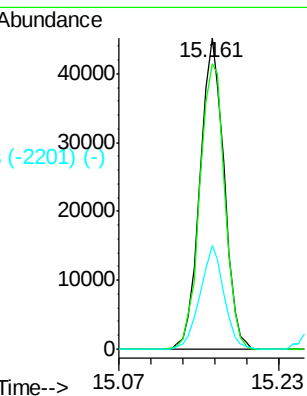
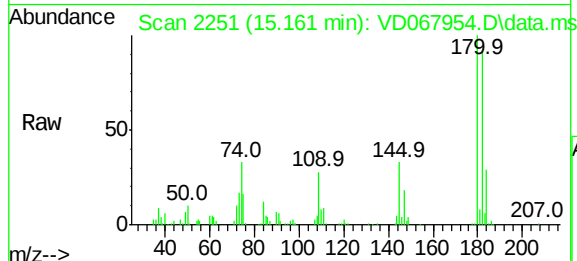
#9342 (-)
1,2,4-Trichlorobenzene
Concen: 20.03 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

Tgt Ion	180	Resp	75101
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.2
145	32.8	15.8	47.3

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

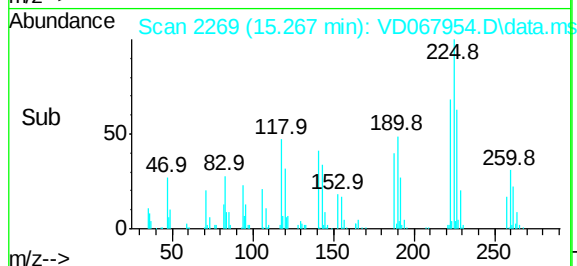
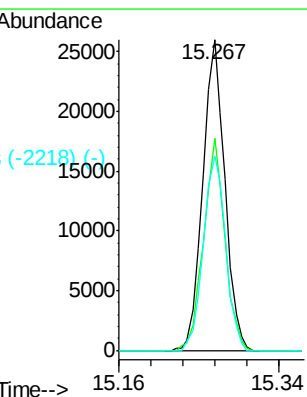
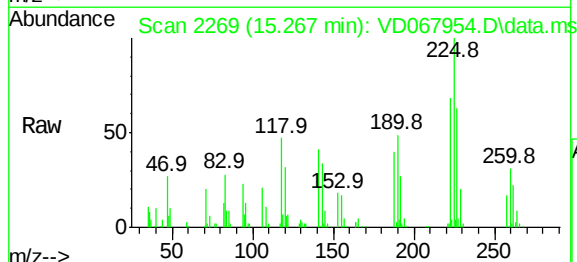
Manual Integrations
APPROVED

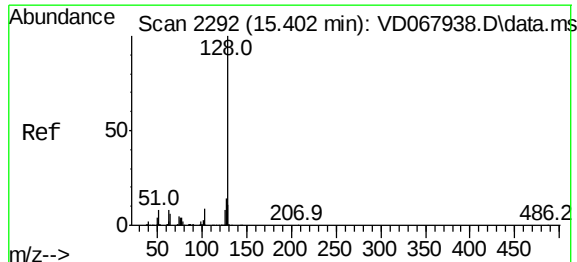
MMDadoda
12/29/2020 11:32:51 AM



#9160 (-)
Hexachlorobutadiene
Concen: 19.49 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

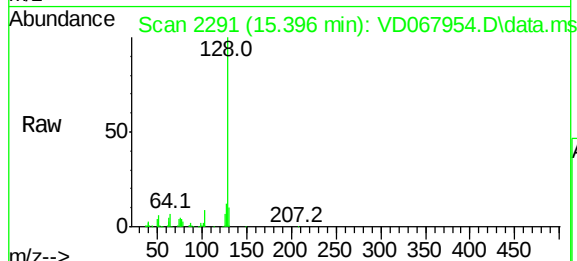
Tgt Ion	225	Resp	42764
Ion Ratio	Lower	Upper	
225	100		
223	66.2	33.4	100.2
227	63.5	31.7	95.1





#9583 (-)
Naphthalene
Concen: 19.44 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46

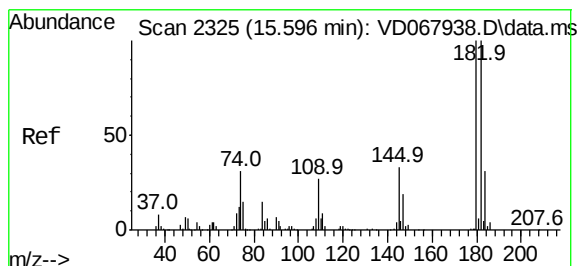
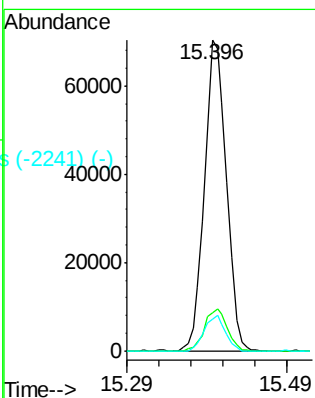
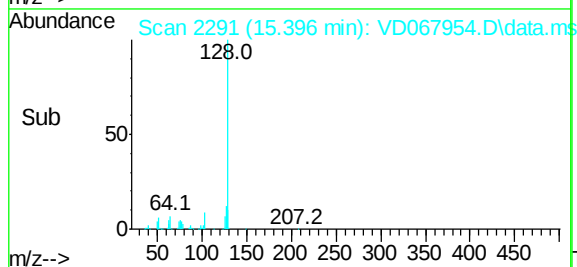
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01



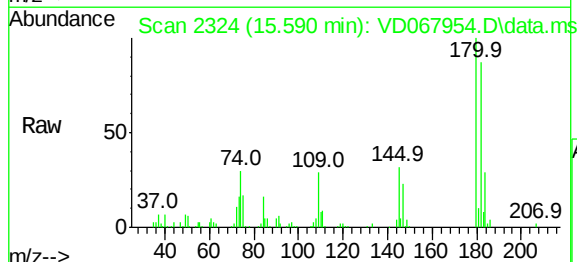
Tgt Ion:	128	Resp:	128830
Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.2	16.8
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/29/2020 11:32:51 AM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 20.48 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.006 min
Lab File: VD067954.D
Acq: 28 Dec 2020 11:46



Tgt Ion:	180	Resp:	66361
Ion	Ratio	Lower	Upper
180	100		
182	92.4	50.2	150.6
145	33.1	17.0	51.0

