

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122220\
 Data File : VD067939.D
 Acq On : 22 Dec 2020 17:38
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Manual Integrations
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Quant Time: Dec 23 07:10:24 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:02:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	338167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	564861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	527336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	250367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	327819	92.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.02%#
35) Dibromofluoromethane	7.920	113	345571	93.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	187.28%#
50) Toluene-d8	10.344	98	1314005	98.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	197.08%#
62) 4-Bromofluorobenzene	12.632	95	447129	97.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	194.26%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	325515	108.26	ug/l	98
3) Chloromethane	2.209	50	416369	195.08	ug/l	99
4) Vinyl Chloride	2.350	62	406422	164.18	ug/l	93
5) Bromomethane	2.756	94	279303	134.79	ug/l	96
6) Chloroethane	2.920	64	238545	151.85	ug/l	94
7) Trichlorofluoromethane	3.273	101	585285	89.87	ug/l	96
8) Diethyl Ether	3.709	74	181458	132.22	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	344128	111.07	ug/l	99
10) Methyl Iodide	4.297	142	420185	129.48	ug/l	99
11) Tert butyl alcohol	5.220	59	92699	325.62	ug/l	96
12) 1,1-Dichloroethene	4.067	96	350097	119.34	ug/l	96
13) Acrolein	3.926	56	128257	815.22	ug/l	100
14) Allyl chloride	4.714	41	644328	199.54	ug/l	99
15) Acrylonitrile	5.420	53	414569	818.79	ug/l	99
16) Acetone	4.156	43	306990	655.39	ug/l	96
17) Carbon Disulfide	4.409	76	1219248	140.99	ug/l	99
18) Methyl Acetate	4.720	43	186886	171.36	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	775287	124.67	ug/l	93
20) Methylene Chloride	4.967	84	424761	115.66	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	424480	125.32	ug/l	96
22) Diisopropyl ether	6.361	45	1285774	197.39	ug/l	97
23) Vinyl Acetate	6.309	43	3521276	1001.53	ug/l	99
24) 1,1-Dichloroethane	6.267	63	742858	146.85	ug/l	98
25) 2-Butanone	7.214	43	493359	897.68	ug/l	97
26) 2,2-Dichloropropane	7.208	77	595490	107.28	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	467590	127.28	ug/l	97
28) Bromochloromethane	7.550	49	283220	164.47	ug/l	97
29) Tetrahydrofuran	7.561	42	336702	1012.39	ug/l	99
30) Chloroform	7.714	83	737663	115.64	ug/l	96
31) Cyclohexane	7.985	56	681828	156.19	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	624490	96.66	ug/l	99
36) 1,1-Dichloropropene	8.114	75	576463	114.42	ug/l	99
37) Ethyl Acetate	7.291	43	232583	156.46	ug/l	99
38) Carbon Tetrachloride	8.097	117	545834	77.11	ug/l	98
39) Methylcyclohexane	9.355	83	702202	119.11	ug/l	98
40) Benzene	8.355	78	1723838	123.32	ug/l	99
41) Methacrylonitrile	7.526	41	141257	184.29	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	441184	94.16	ug/l	100
43) Isopropyl Acetate	8.455	43	456498	159.20	ug/l	99
44) Trichloroethene	9.114	130	429266	94.70	ug/l	96
45) 1,2-Dichloropropane	9.391	63	431195	143.73	ug/l	95
46) Dibromomethane	9.479	93	208485	108.35	ug/l	99
47) Bromodichloromethane	9.667	83	565983	103.08	ug/l	100
48) Methyl methacrylate	9.461	41	237311	161.11	ug/l	100
49) 1,4-Dioxane	9.461	88	43604	1979.69	ug/l	95
51) 4-Methyl-2-Pentanone	10.232	43	1160025	833.44	ug/l	97
52) Toluene	10.408	92	1086564	113.87	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	528380	111.04	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	649008	122.50	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	293631	110.07	ug/l	96
56) Ethyl methacrylate	10.661	69	372140	134.80	ug/l	98
57) 1,3-Dichloropropane	10.949	76	514911	119.07	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	956254	742.50	ug/l	99
59) 2-Hexanone	10.985	43	779980	814.41	ug/l	100
60) Dibromochloromethane	11.144	129	364118	93.64	ug/l	99
61) 1,2-Dibromoethane	11.249	107	278904	106.84	ug/l	98
64) Tetrachloroethene	10.879	164	342090	81.68	ug/l	96
65) Chlorobenzene	11.673	112	1109967	101.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	400412	91.85	ug/l	98
67) Ethyl Benzene	11.749	91	2080733	111.06	ug/l	100
68) m/p-Xylenes	11.855	106	1578428	214.63	ug/l	98
69) o-Xylene	12.185	106	725234	111.12	ug/l	98
70) Styrene	12.196	104	1238952	109.13	ug/l	99
71) Bromoform	12.361	173	198299	87.40	ug/l #	98
73) Isopropylbenzene	12.479	105	1939688	112.26	ug/l	100
74) N-ethyl acetate	12.291	43	426299	174.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	325162	134.41	ug/l	100
76) 1,2,3-Trichloropropane	12.785	75	205223m	109.35	ug/l	
77) Bromobenzene	12.761	156	427057	100.77	ug/l	99
78) n-propylbenzene	12.820	91	2347926	120.13	ug/l	99
79) 2-Chlorotoluene	12.908	91	1306625	114.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	1576230	106.12	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	103556	130.19	ug/l	94
82) 4-Chlorotoluene	13.008	91	1362252	112.05	ug/l	100
83) tert-Butylbenzene	13.226	119	1344418	107.53	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	1578605	106.72	ug/l	99
85) sec-Butylbenzene	13.402	105	1892560	111.01	ug/l	99
86) p-Isopropyltoluene	13.514	119	1702078	103.67	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	820819	99.60	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	802186	97.45	ug/l	99
89) n-Butylbenzene	13.843	91	1659362	118.46	ug/l	99
90) Hexachloroethane	14.114	117	341163	110.35	ug/l	98
91) 1,2-Dichlorobenzene	13.890	146	695540	97.88	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	48302	102.38	ug/l	98
93) 1,2,4-Trichlorobenzene	15.161	180	429276	89.22	ug/l	100
94) Hexachlorobutadiene	15.267	225	244926	79.23	ug/l	98
95) Naphthalene	15.402	128	823010	103.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	371210	89.53	ug/l	97

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

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
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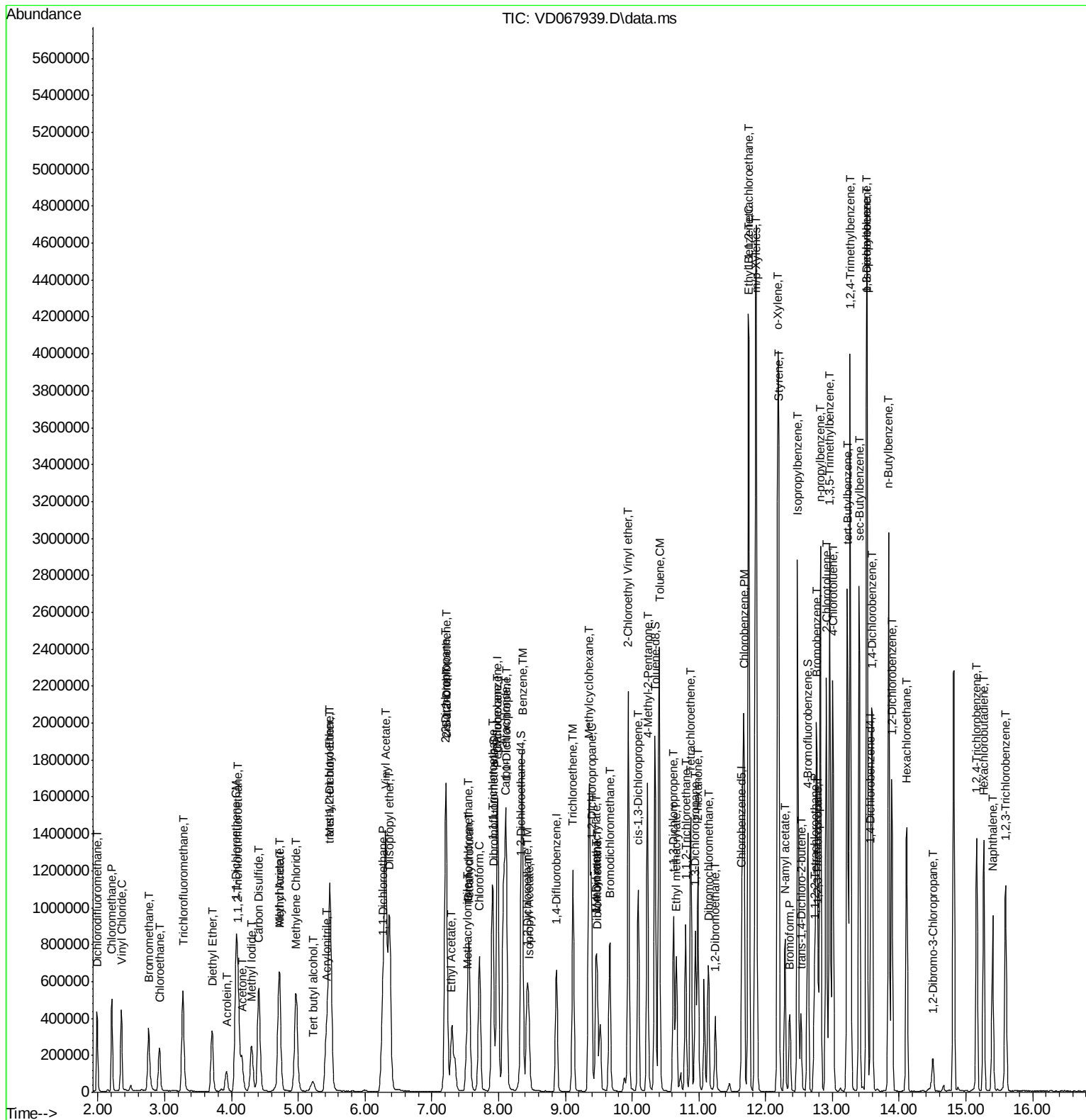
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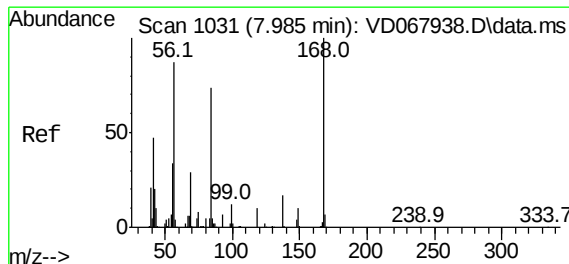
Instrument :
MSVOA_D
Client Sampled :
VSTDIC100

Manual Integrations
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Quant Time: Dec 23 07:10:24 2020
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Quant Title : SW846 8260
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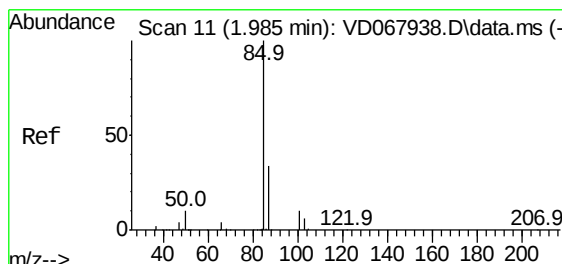
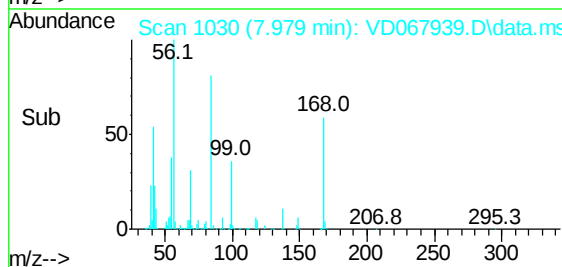
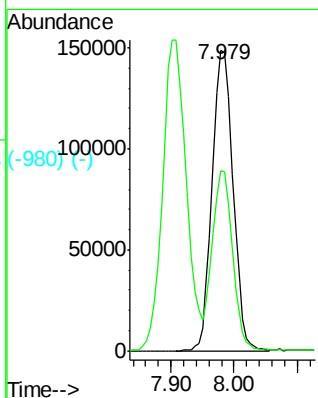
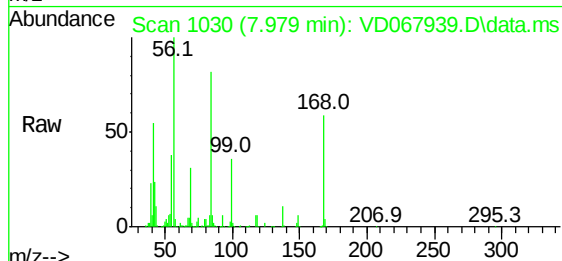
#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
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VSTDIC100

Tgt Ion:168 Resp: 338167
Ion Ratio Lower Upper
168 100
99 59.8 48.0 72.0

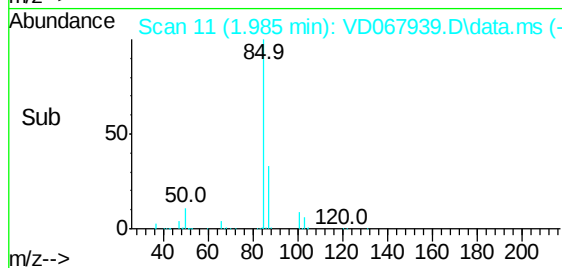
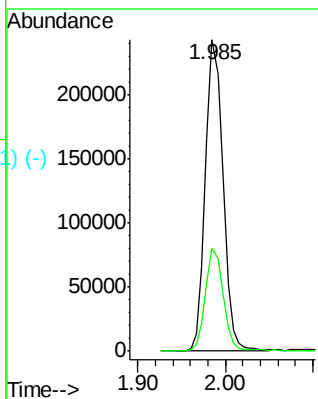
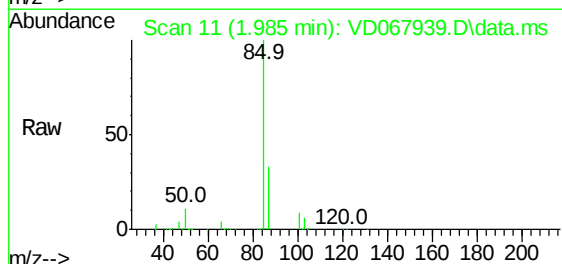
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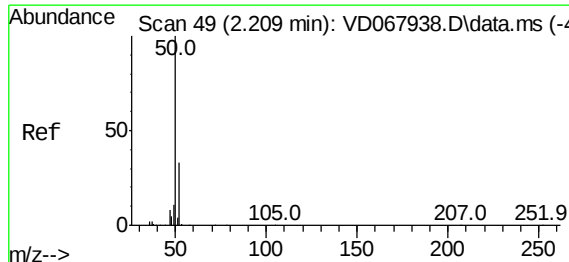
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#2
Dichlorodifluoromethane
Concen: 108.26 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 85 Resp: 325515
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.3





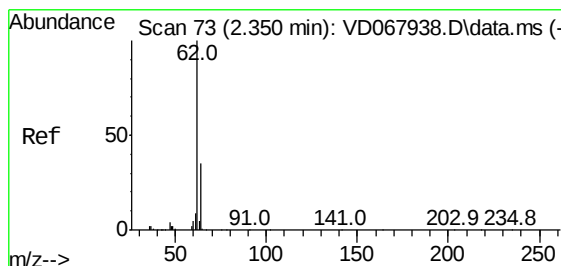
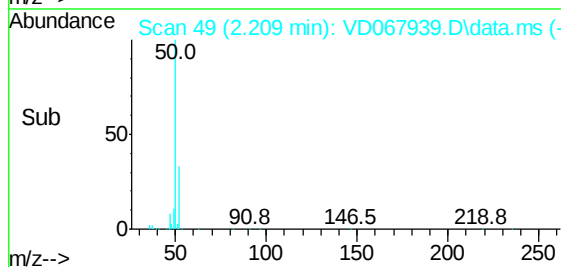
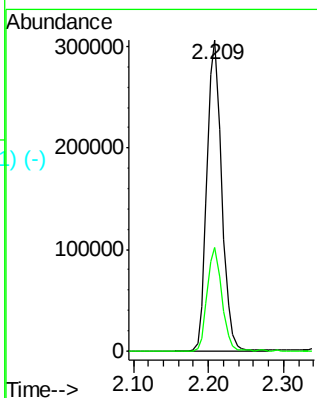
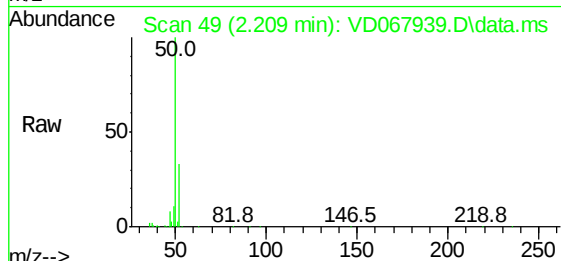
Chloromethane
Concen: 195.08 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 50 Resp: 416369
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4

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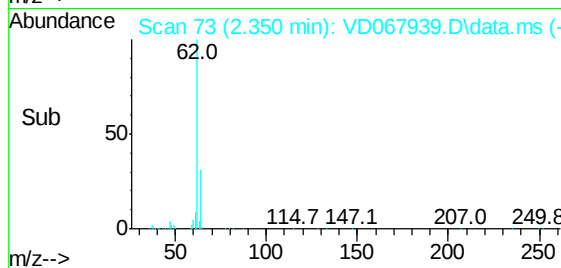
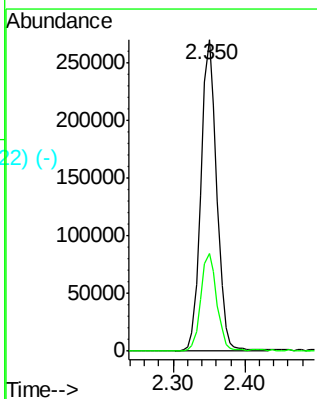
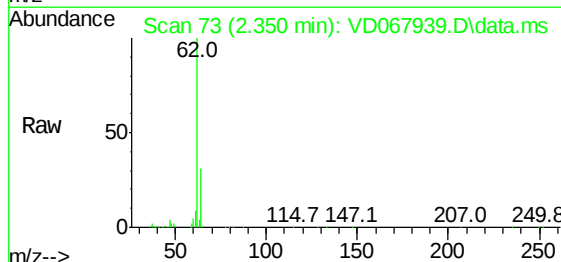
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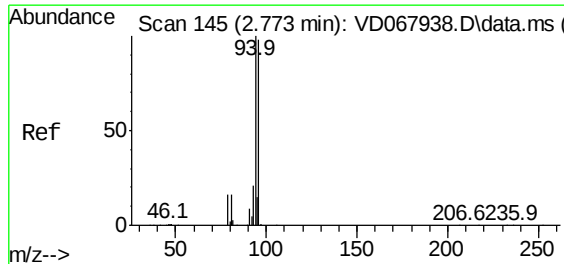
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Vinyl Chloride
Concen: 164.18 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 62 Resp: 406422
Ion Ratio Lower Upper
62 100
64 31.3 28.1 42.1





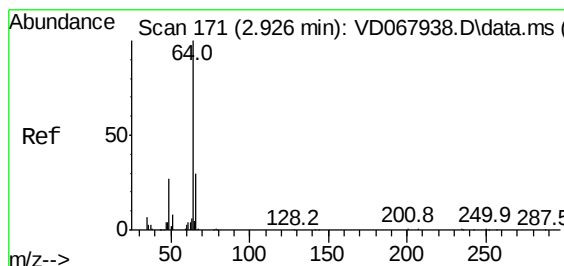
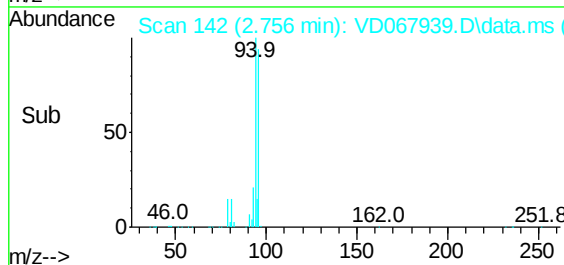
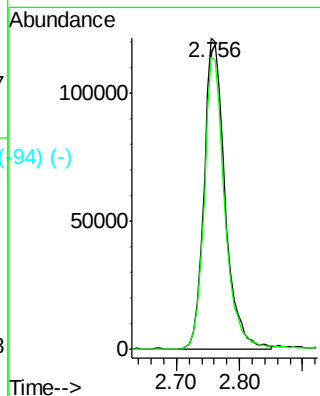
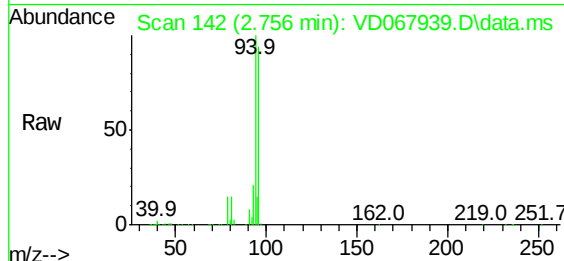
Bromomethane
Concen: 134.79 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 94 Resp: 279303
Ion Ratio Lower Upper
94 100
96 93.8 78.0 117.0

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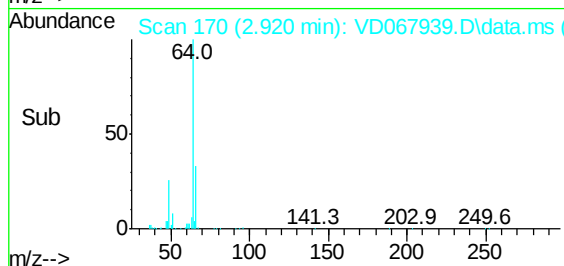
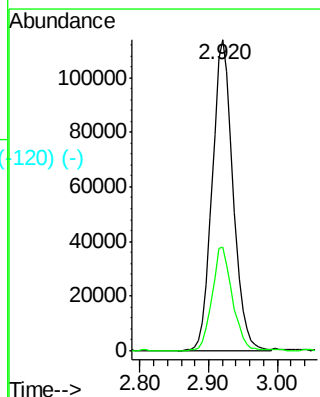
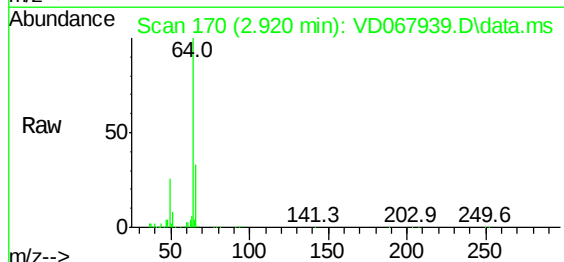
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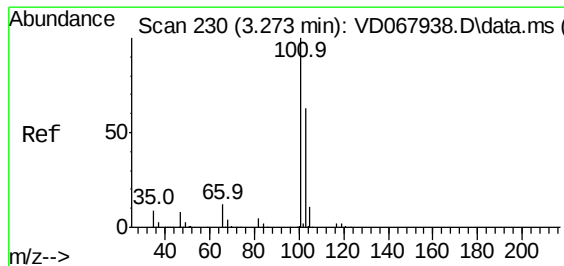
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Chloroethane
Concen: 151.85 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD067939.D
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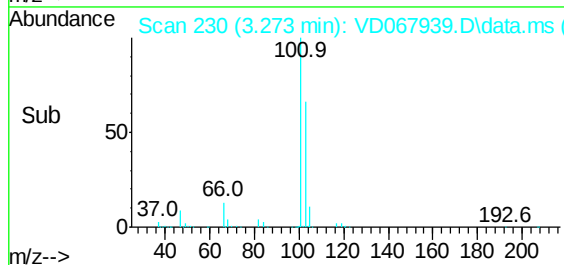
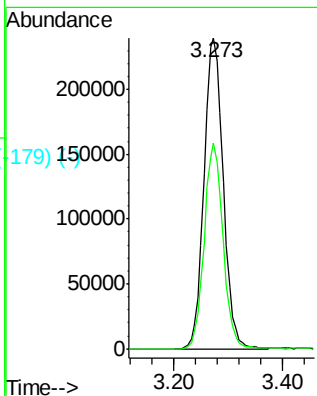
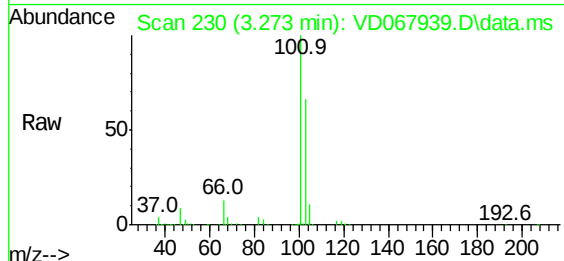
Tgt Ion: 64 Resp: 238545
Ion Ratio Lower Upper
64 100
66 33.3 24.1 36.1





Trichlorofluoromethane
 Concen: 89.87 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

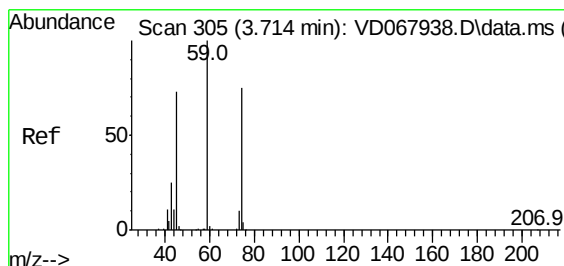
Tgt Ion: 101 Resp: 585285
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.4 75.6



Instrument :
 MSVOA_D
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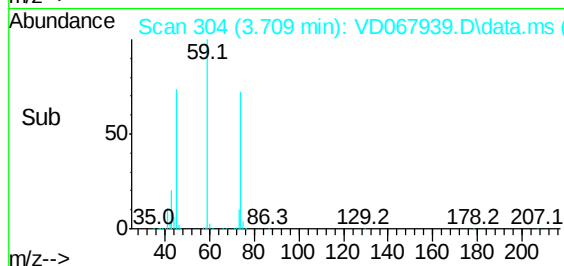
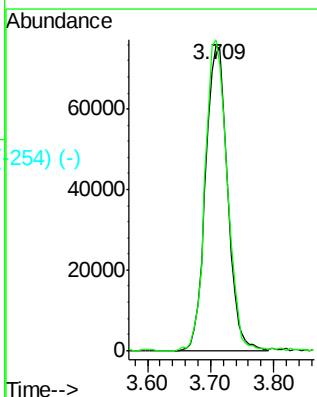
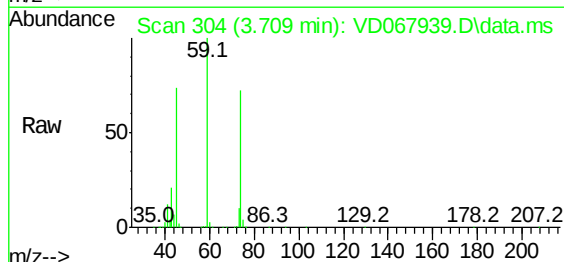
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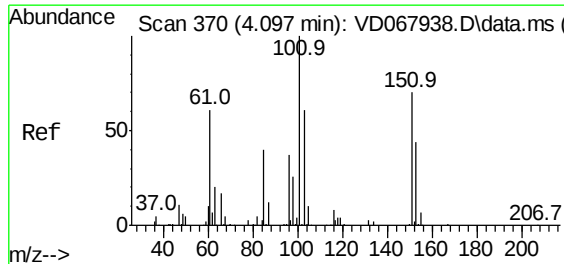
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Diethyl Ether
 Concen: 132.22 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 74 Resp: 181458
 Ion Ratio Lower Upper
 74 100
 45 102.5 51.8 155.5





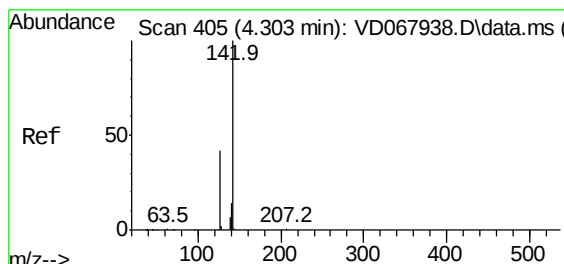
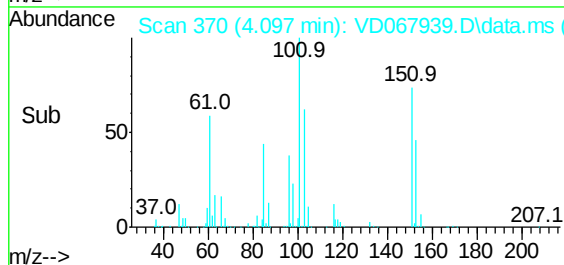
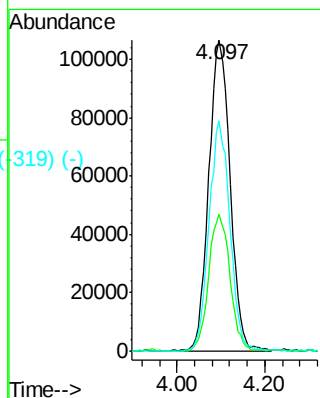
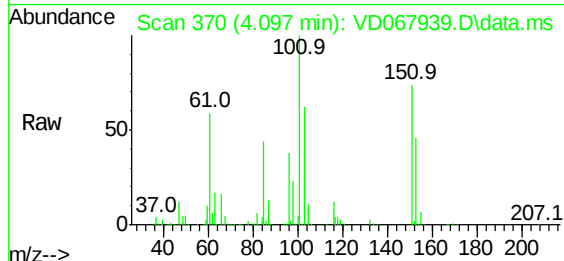
1,1,2-Trichlorotrifluoroethane
 Concen: 111.07 ug/l
 RT: 4.097 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion:	101	Resp:	344128
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.2	51.2
151	72.3	57.6	86.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

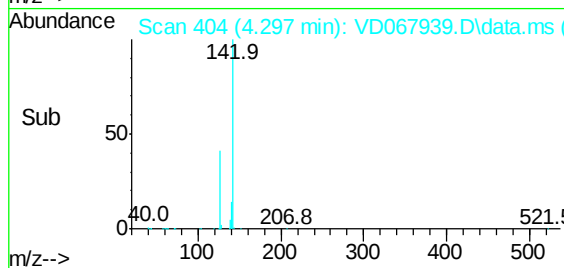
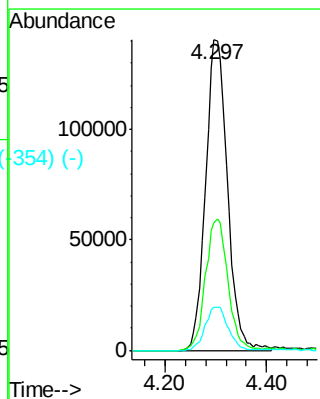
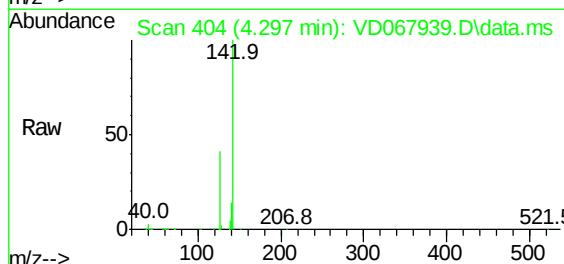
Manual Integrations
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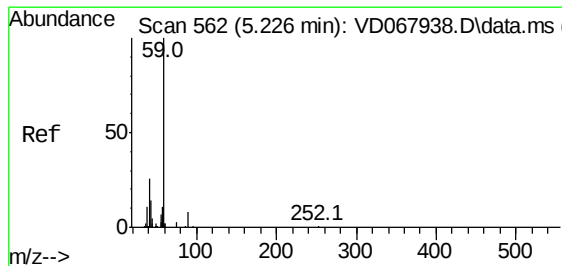
MMDadoda
 12/23/2020 3:24:56 PM



Methyl Iodide
 Concen: 129.48 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion:	142	Resp:	420185
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.4	51.6
141	14.6	11.8	17.8





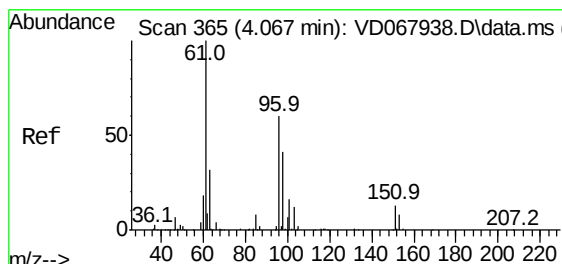
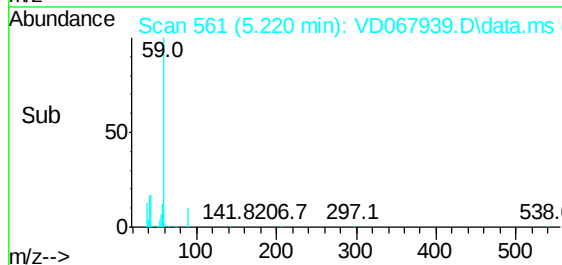
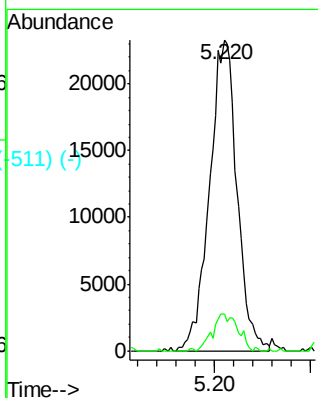
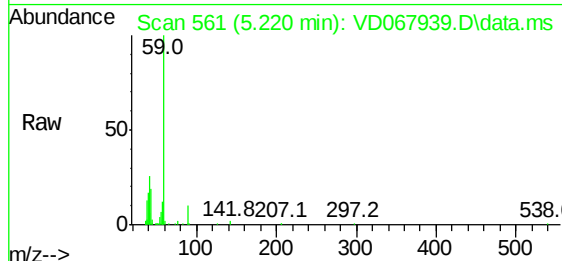
Tert butyl alcohol
Concen: 325.62 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 59 Resp: 92699
Ion Ratio Lower Upper
59 100
57 10.9 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

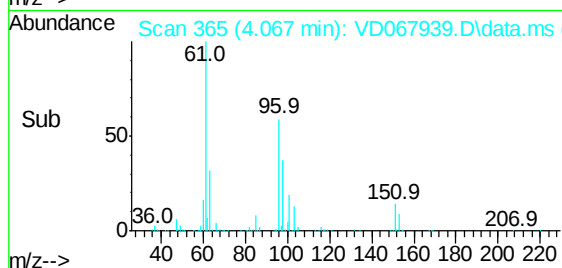
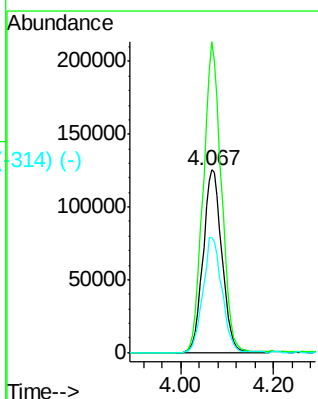
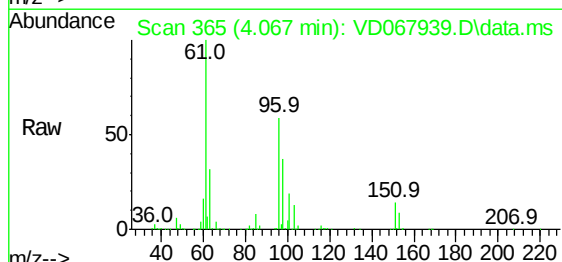
Manual Integrations
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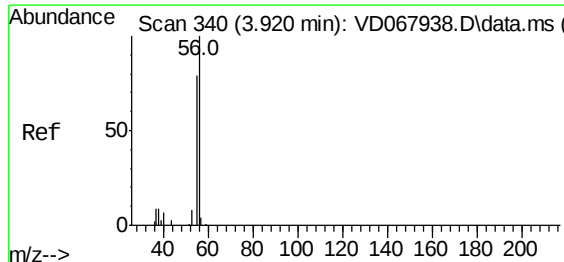
MMDadoda
12/23/2020 3:24:56 PM



1,1-Dichloroethene
Concen: 119.34 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 96 Resp: 350097
Ion Ratio Lower Upper
96 100
61 170.4 133.6 200.4
98 63.1 54.8 82.2





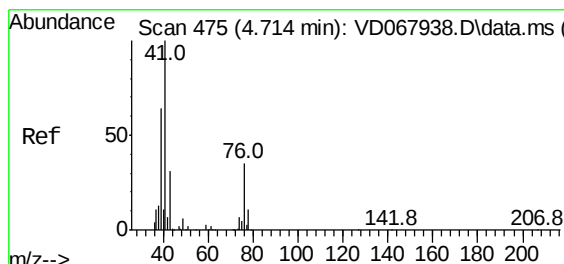
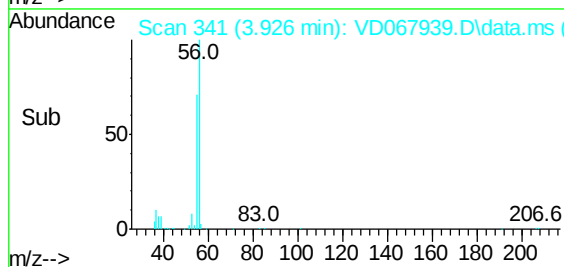
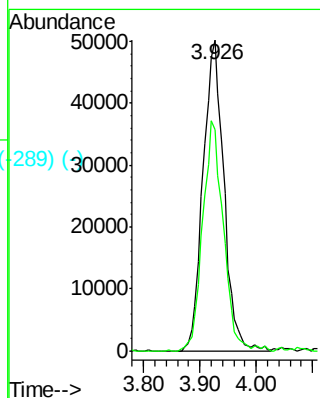
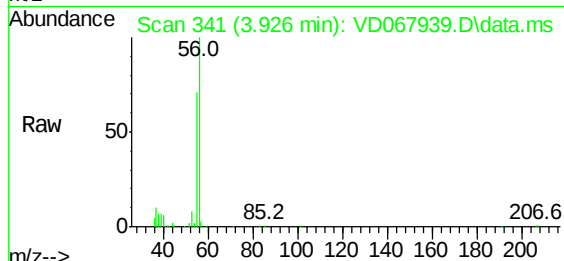
Scan 340 (3.920 min): VD067938.D\data.ms (-329) (-)
 Acrolein
 Concen: 815.22 ug/l
 RT: 3.926 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 56 Resp: 128257
 Ion Ratio Lower Upper
 56 100
 55 72.8 58.5 87.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

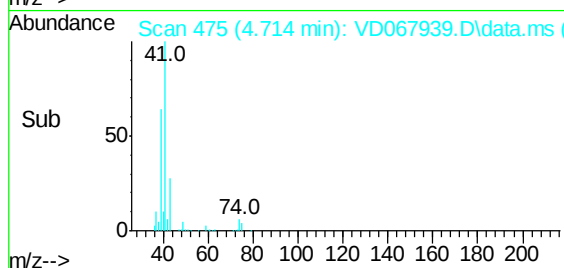
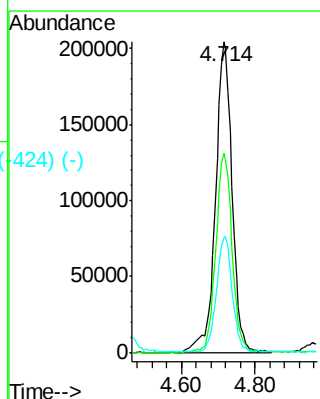
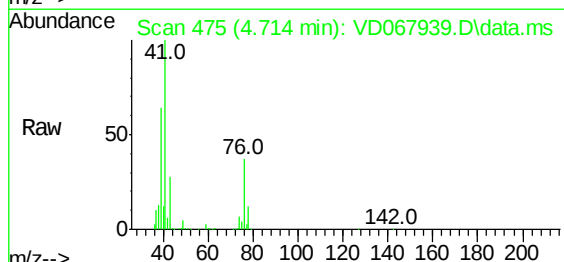
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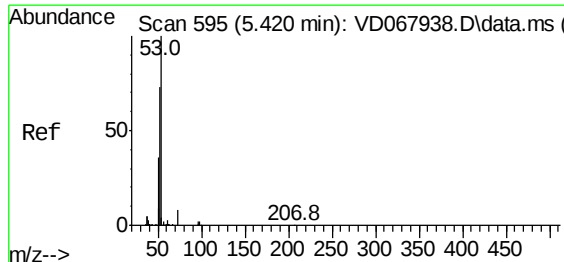
MMDadoda
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Scan 475 (4.714 min): VD067938.D\data.ms (-454) (-)
 Allyl chloride
 Concen: 199.54 ug/l
 RT: 4.714 min Scan# 475
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 41 Resp: 644328
 Ion Ratio Lower Upper
 41 100
 39 63.4 50.5 75.7
 76 35.3 27.0 40.4





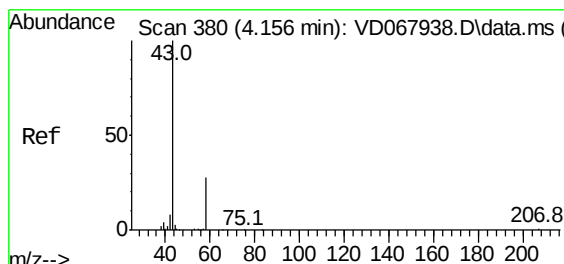
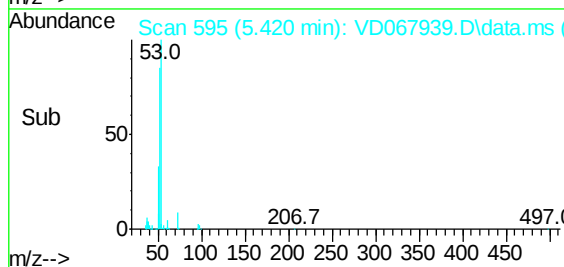
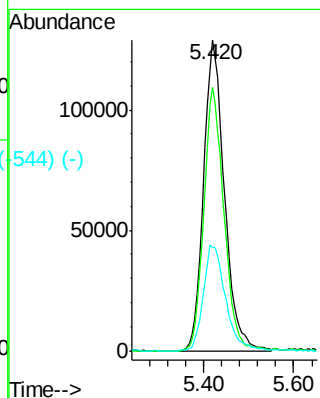
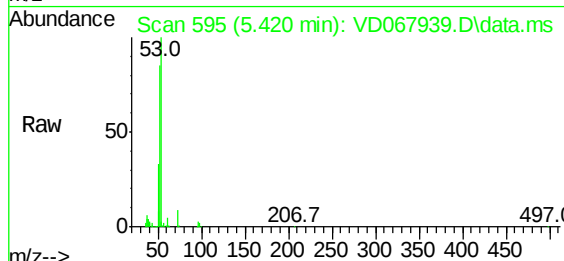
Acrylonitrile
Concen: 818.79 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:	53	Resp:	414569
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	36.2	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

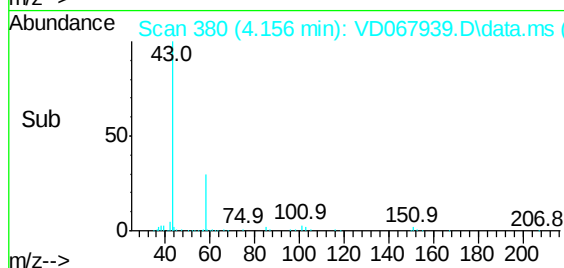
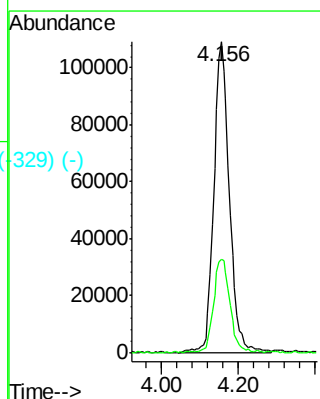
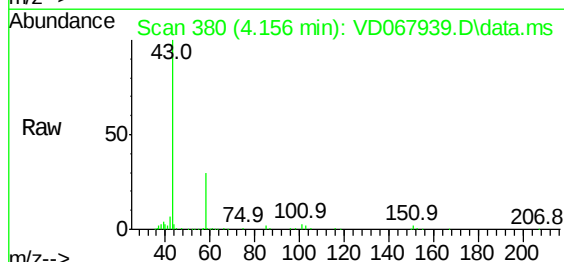
Manual Integrations
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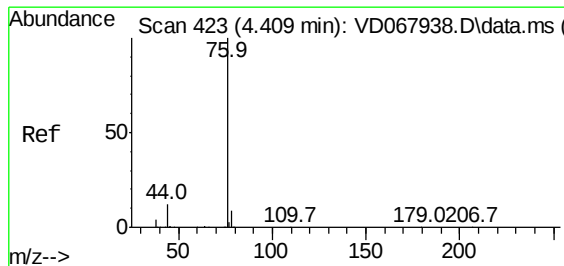
MMDadoda
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Acetone
Concen: 655.39 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:	43	Resp:	306990
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.3	33.5





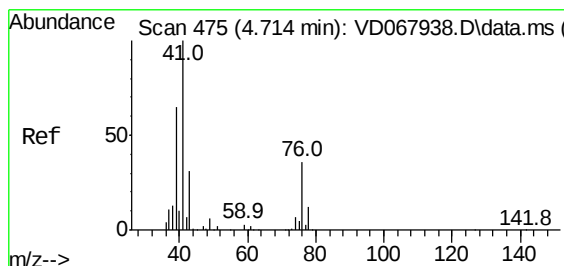
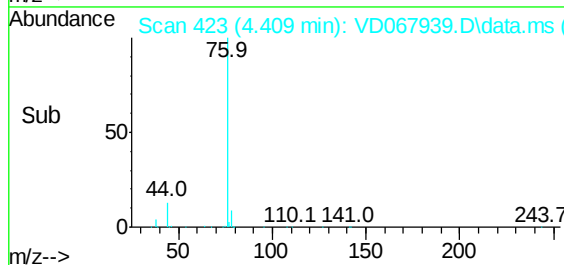
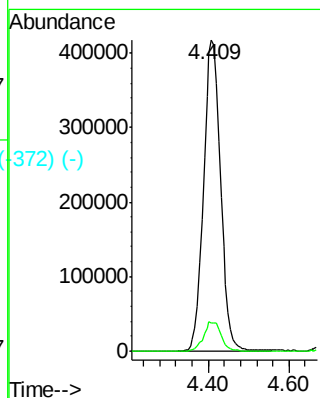
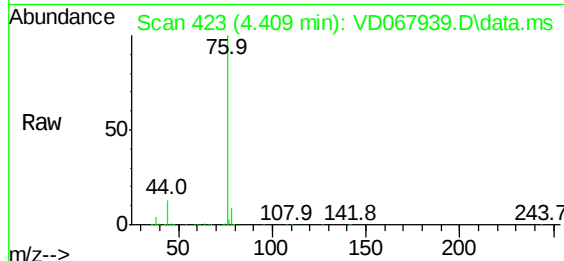
Carbon Disulfide
Concen: 140.99 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 76 Resp: 1219248
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

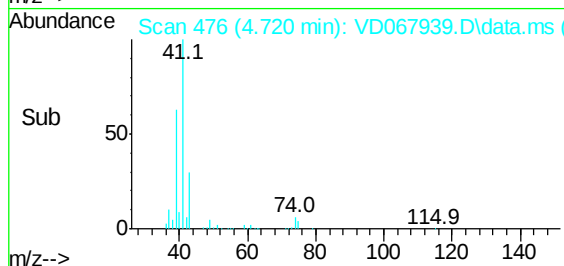
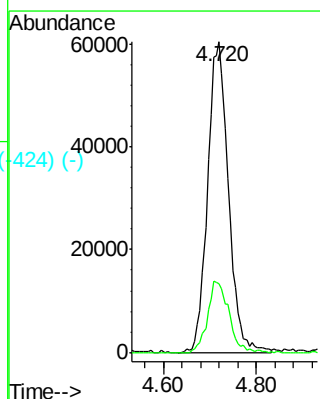
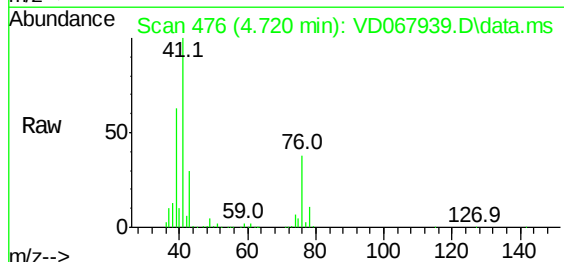
Manual Integrations
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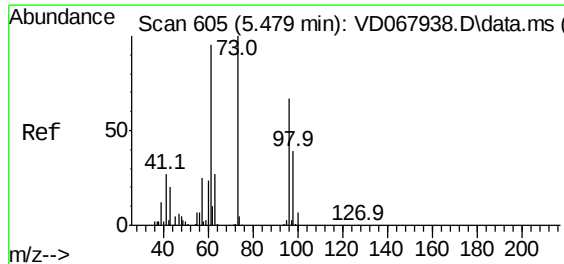
MMDadoda
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Methyl Acetate
Concen: 171.36 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 43 Resp: 186886
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.2





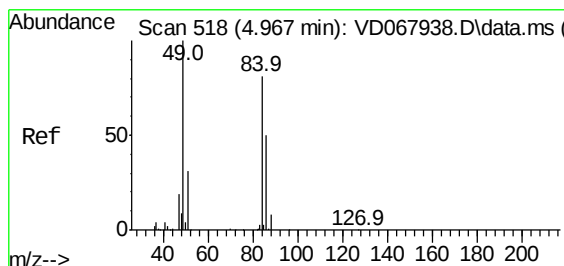
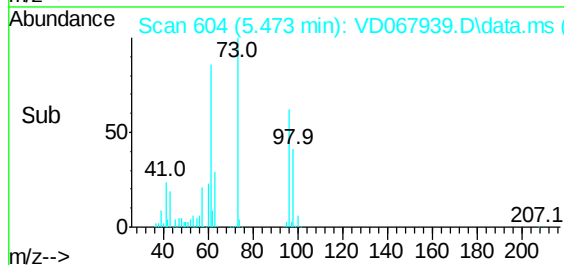
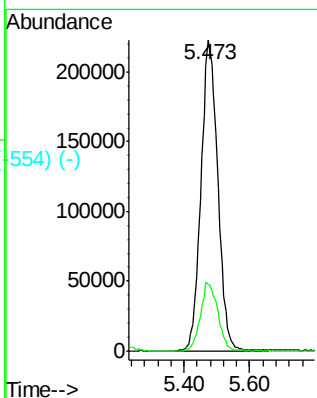
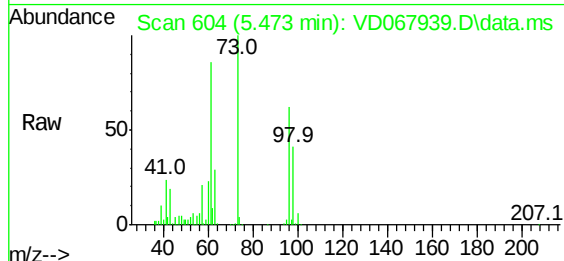
Methyl tert-butyl Ether
 Concen: 124.67 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 73 Resp: 775287
 Ion Ratio Lower Upper
 73 100
 57 21.3 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

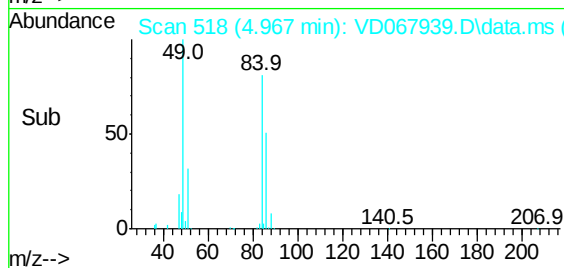
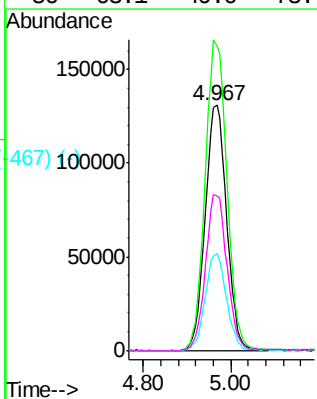
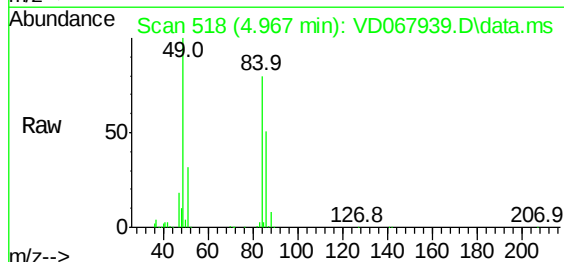
Manual Integrations
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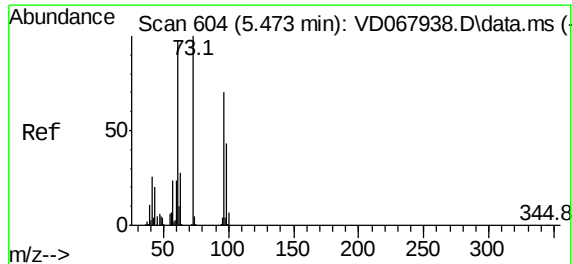
MMDadoda
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Methylene Chloride
 Concen: 115.66 ug/l
 RT: 4.967 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 84 Resp: 424761
 Ion Ratio Lower Upper
 84 100
 49 124.2 98.3 147.5
 51 39.6 30.3 45.5
 86 63.1 49.0 73.4





trans-1,2-Dichloroethene
Concen: 125.32 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

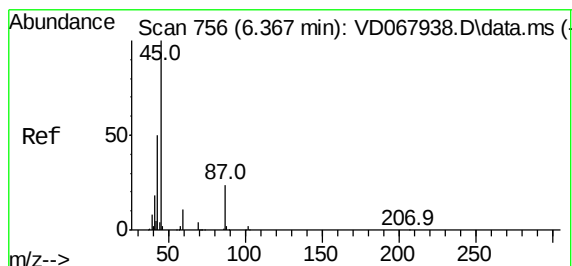
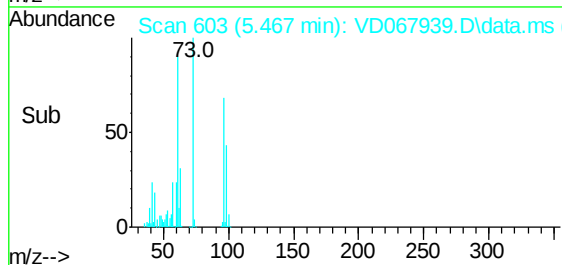
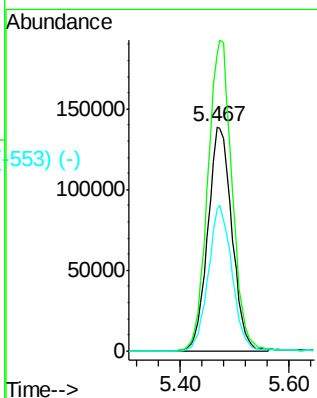
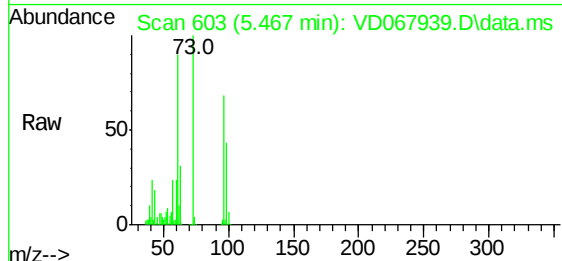
Tgt Ion: 96 Resp: 424480

Ion	Ratio	Lower	Upper
96	100		
61	132.3	109.9	164.9
98	63.4	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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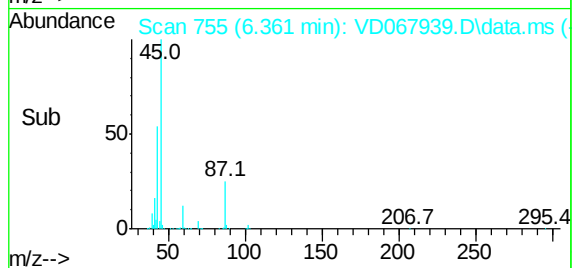
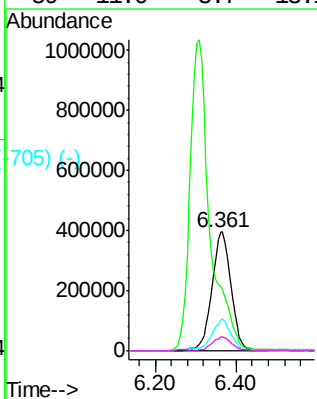
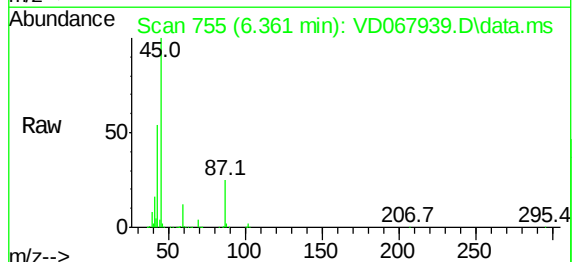
MMDadoda
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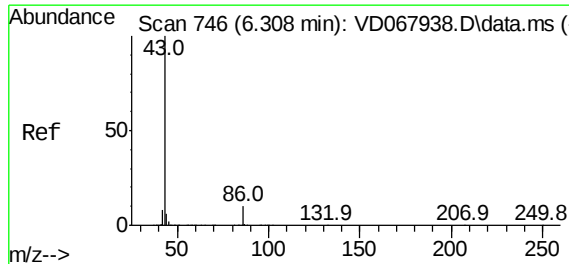


Diisopropyl ether
Concen: 197.39 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 45 Resp: 1285774

Ion	Ratio	Lower	Upper
45	100		
43	53.2	40.2	60.4
87	25.3	19.2	28.8
59	11.6	8.7	13.1



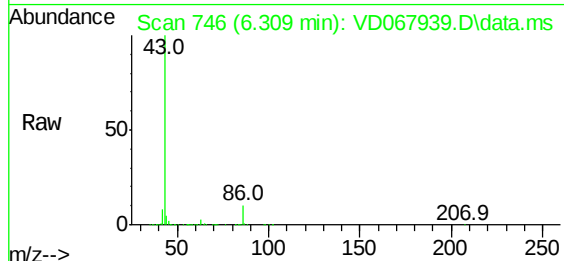


Vinyl Acetate
Concen: 1001.53 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

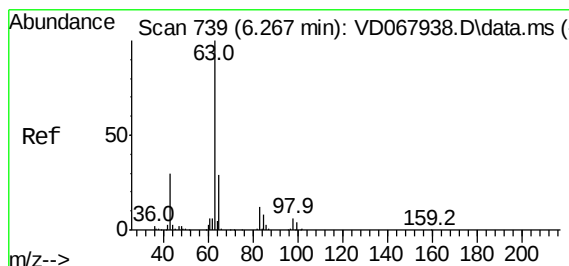
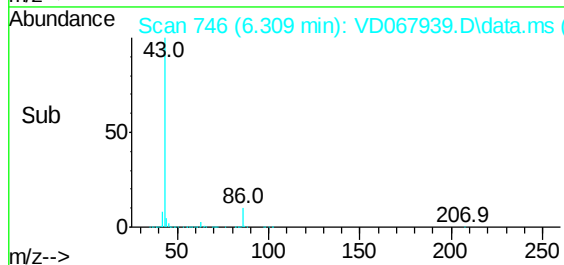
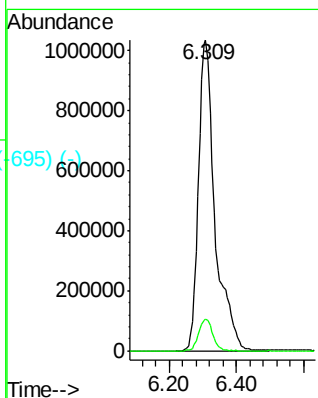
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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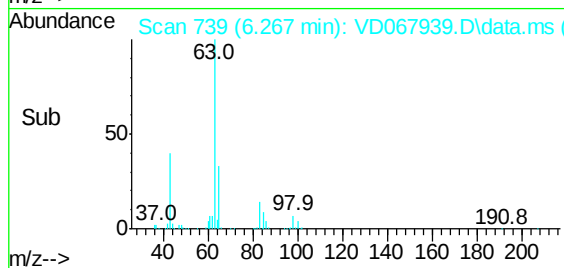
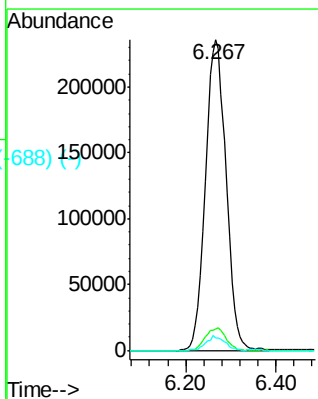
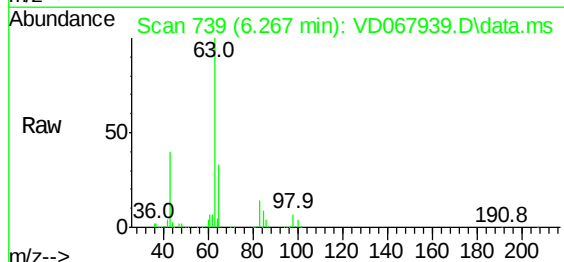


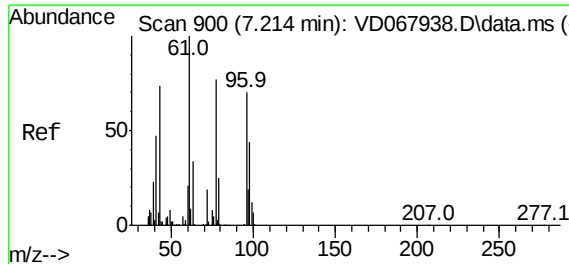
Tgt Ion: 43 Resp: 3521276
Ion Ratio Lower Upper
43 100
86 10.1 7.9 11.9



1,1-Dichloroethane
Concen: 146.85 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 63 Resp: 742858
Ion Ratio Lower Upper
63 100
98 7.0 2.9 8.6
100 4.0 1.9 5.7





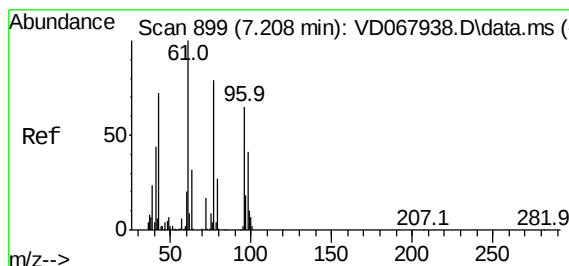
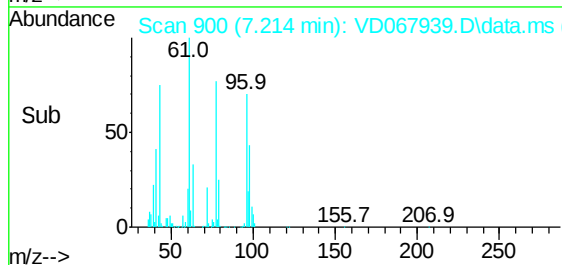
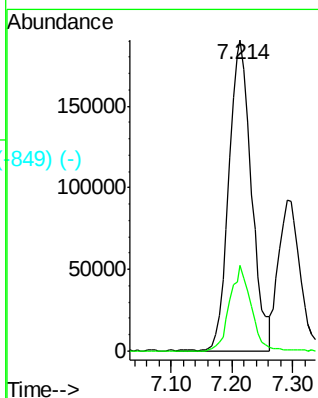
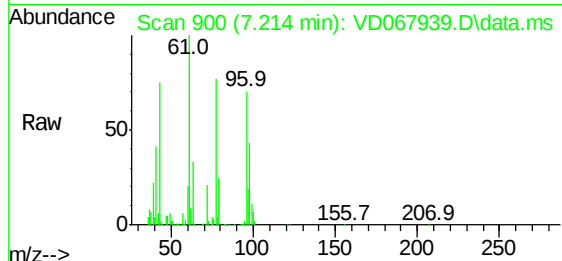
2-Butanone
Concen: 897.68 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 43 Resp: 493359
Ion Ratio Lower Upper
43 100
72 27.5 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

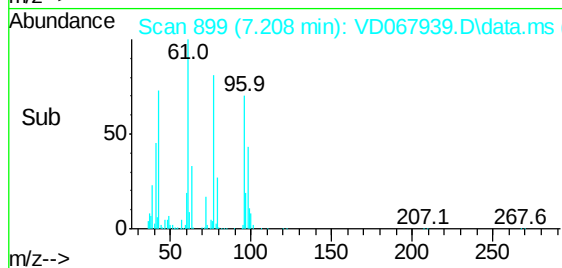
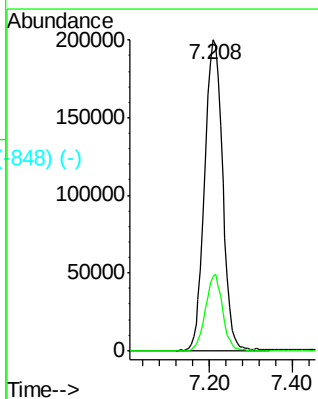
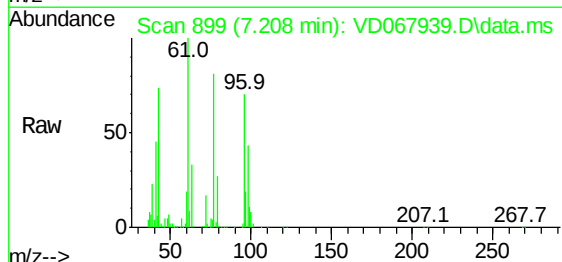
Manual Integrations
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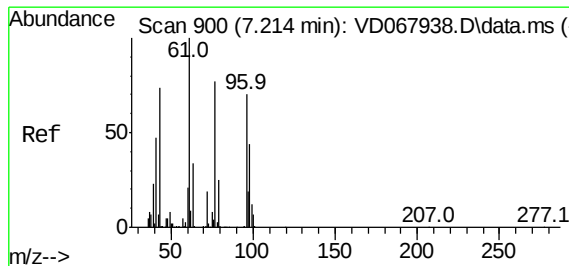
MMDadoda
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2,2-Dichloropropane
Concen: 107.28 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 77 Resp: 595490
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2





cis-1,2-Dichloroethene
Concen: 127.28 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

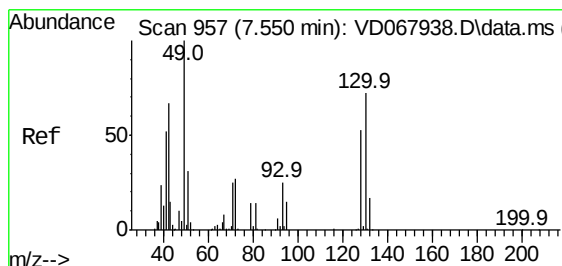
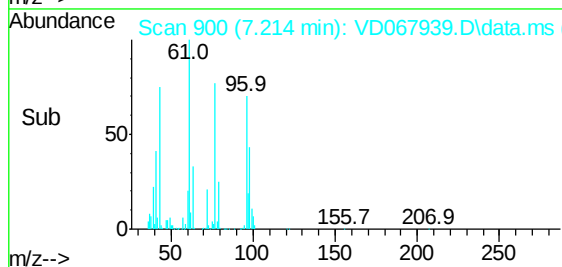
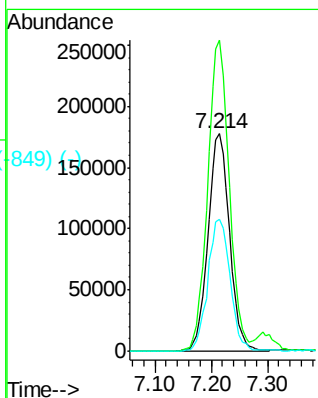
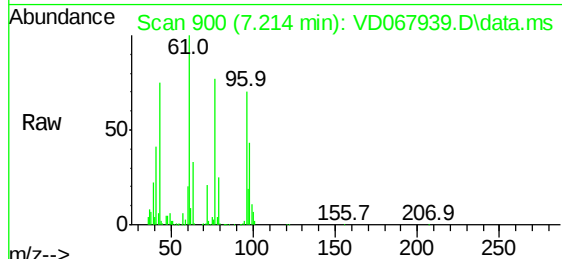
Tgt Ion: 96 Resp: 467590

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	295.4
98	63.0	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

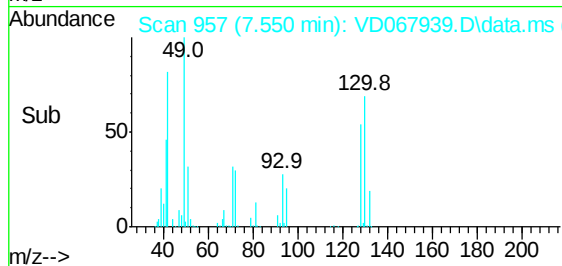
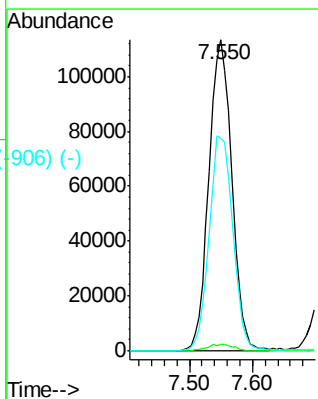
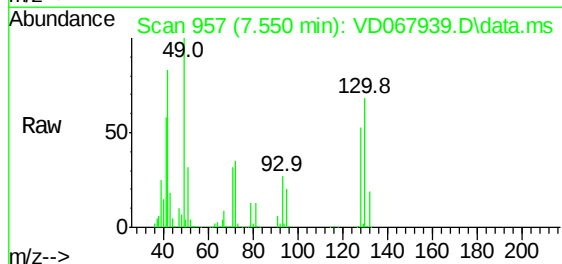
MMDadoda
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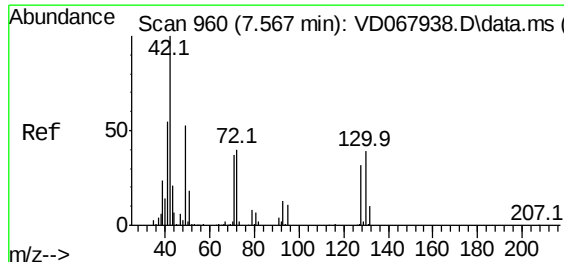


Bromochloromethane
Concen: 164.47 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 49 Resp: 283220

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	71.3	54.8	82.2





Tetrahydrofuran
Concen: 1012.39 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

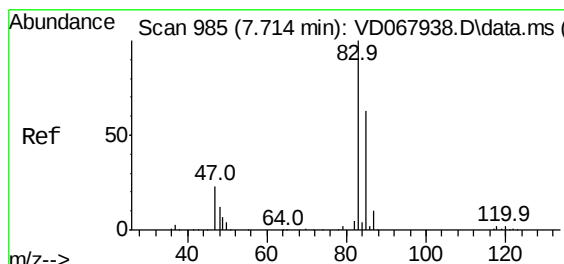
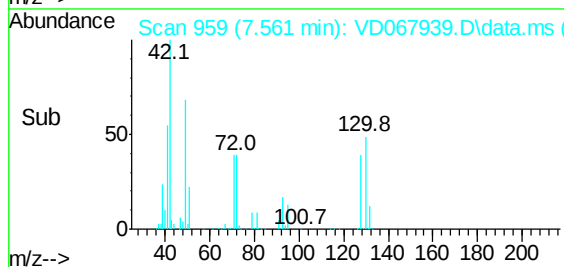
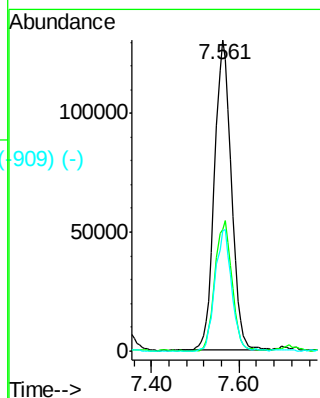
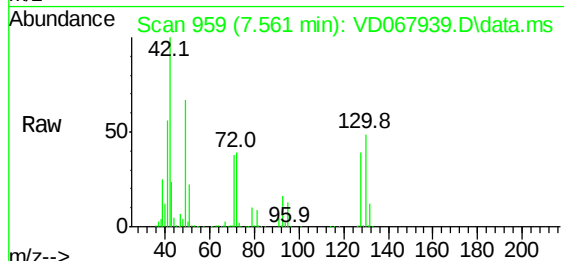
Tgt Ion: 42 Resp: 336702

Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.9	49.3
71	38.1	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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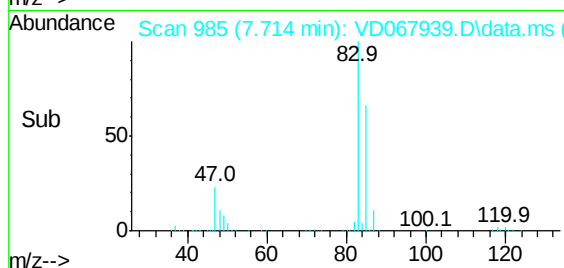
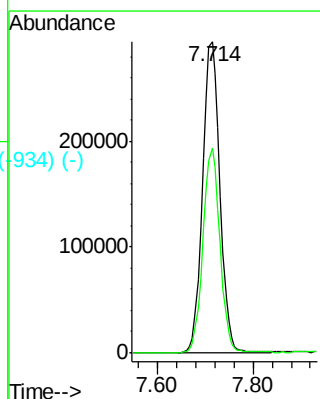
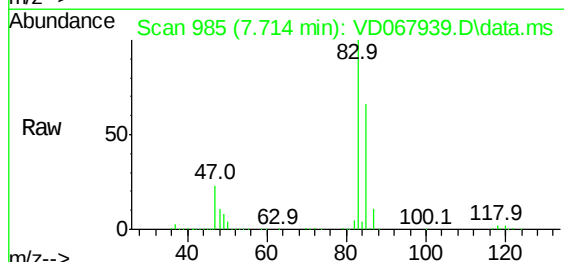
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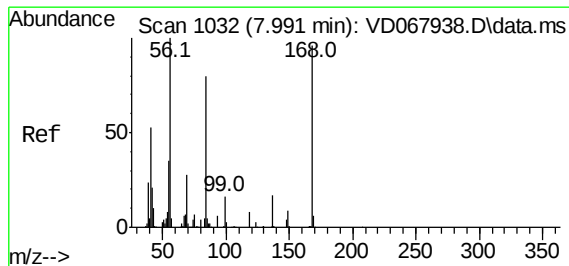


Chloroform
Concen: 115.64 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 83 Resp: 737663

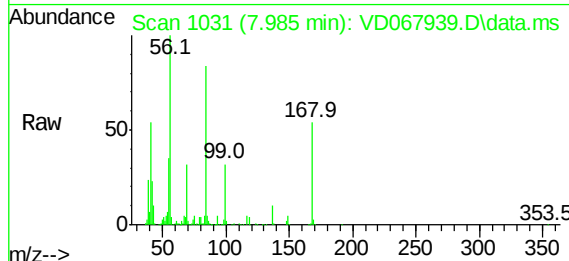
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.5	75.7





(-981) (-)
Cyclohexane
Concen: 156.19 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

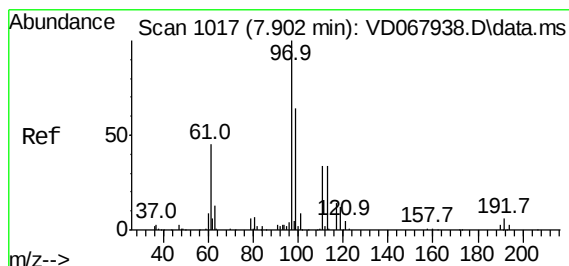
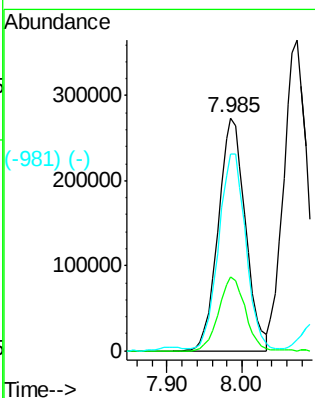
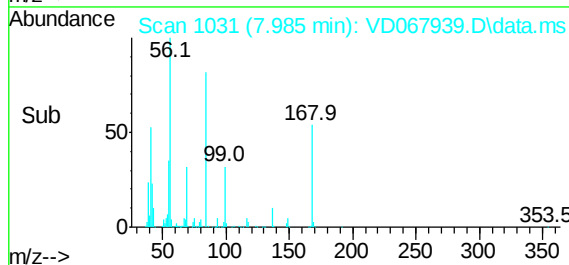
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



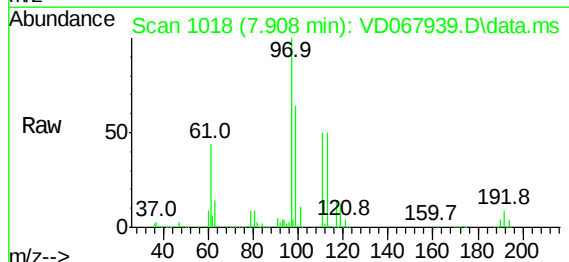
Tgt Ion: 56 Resp: 681828
Ion Ratio Lower Upper
56 100
69 31.5 22.7 34.1
84 82.6 64.2 96.4

Manual Integrations
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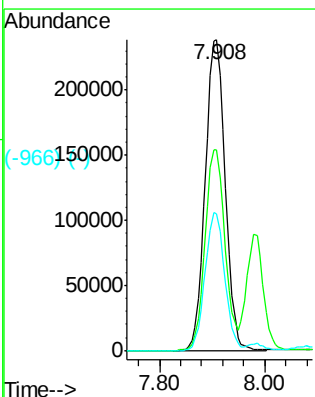
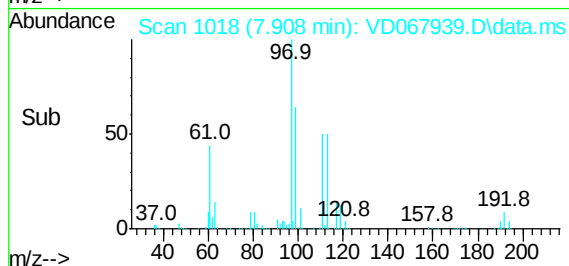
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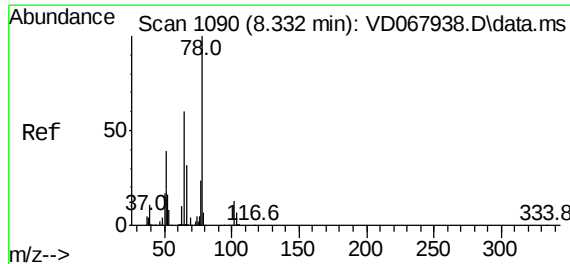


(-966) (-)
1,1,1-Trichloroethane
Concen: 96.66 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion: 97 Resp: 624490
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 43.7 35.8 53.8





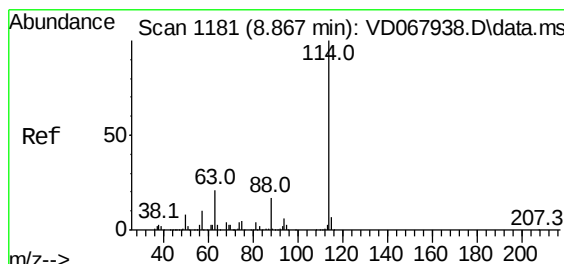
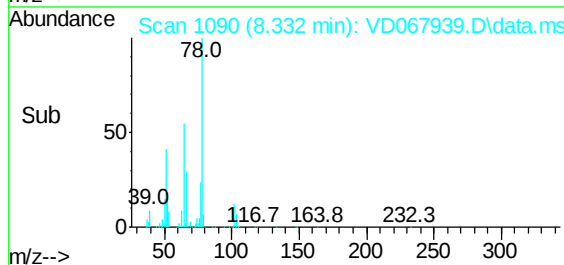
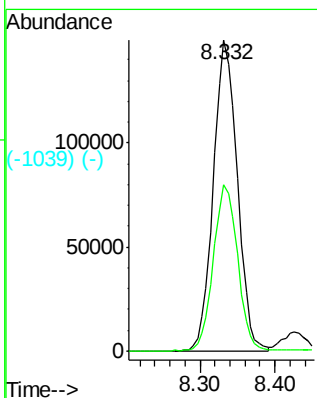
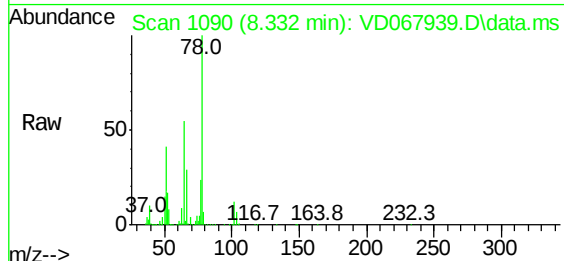
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 92.01 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 65 Resp: 327819
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

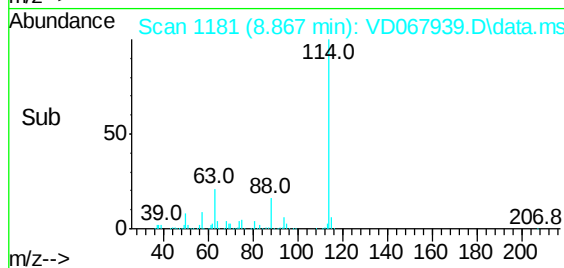
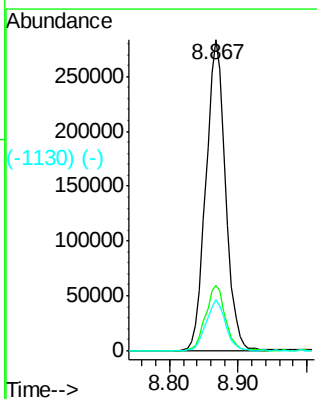
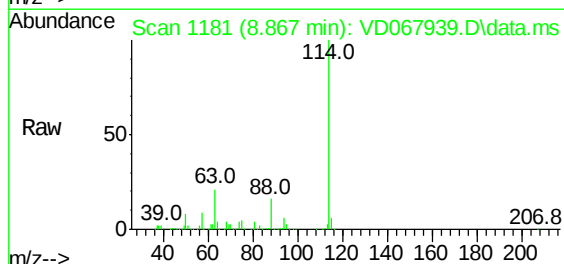
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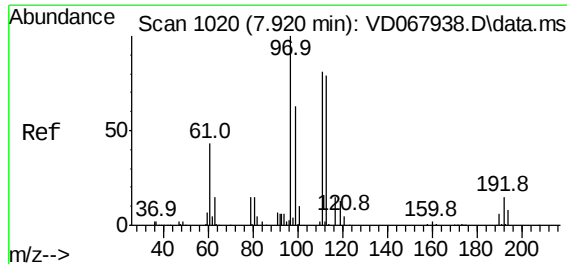
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(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion:114 Resp: 564861
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 16.5 0.0 33.2





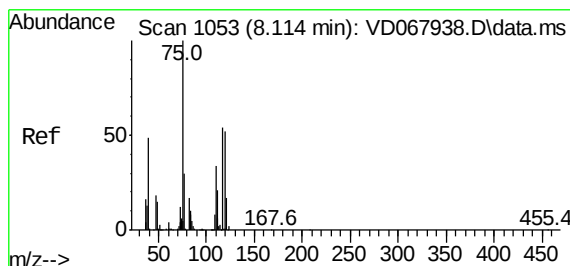
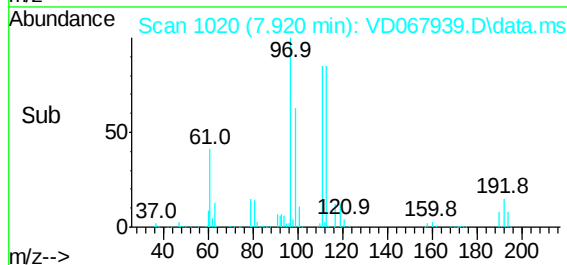
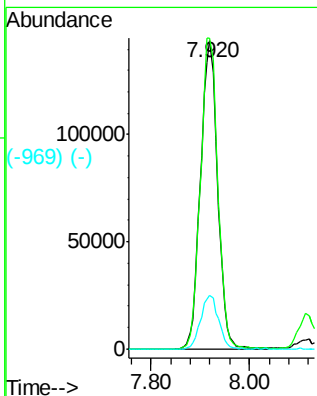
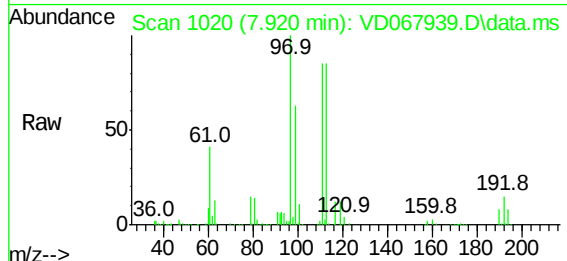
(-969) (-)
 Dibromofluoromethane
 Concen: 93.64 ug/l
 RT: 7.920 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 113 Resp: 345571
 Ion Ratio Lower Upper
 113 100
 111 102.2 79.3 118.9
 192 17.9 14.5 21.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

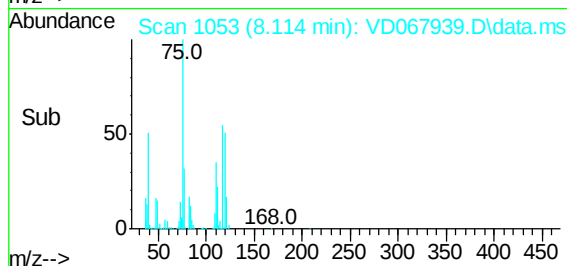
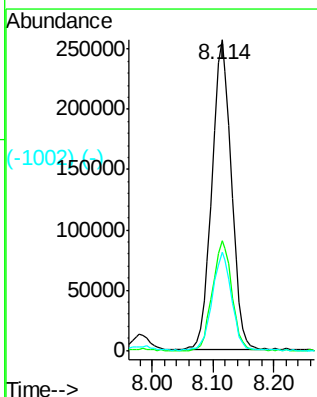
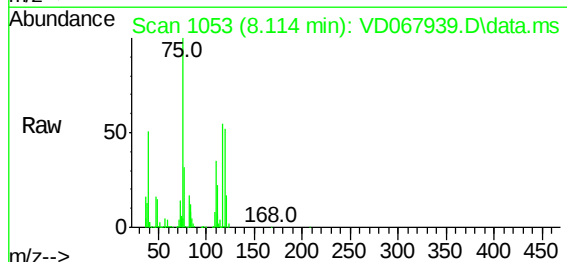
Manual Integrations
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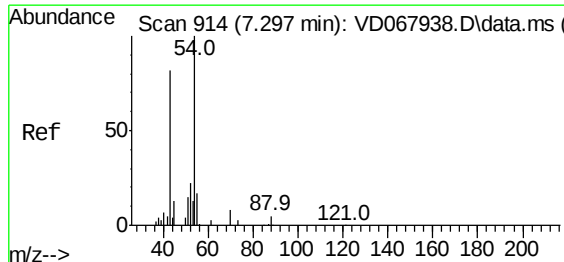
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(-1002) (-)
 1,1-Dichloropropene
 Concen: 114.42 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 75 Resp: 576463
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.0 51.0
 77 31.2 24.6 37.0





Ethyl Acetate
Concen: 156.46 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

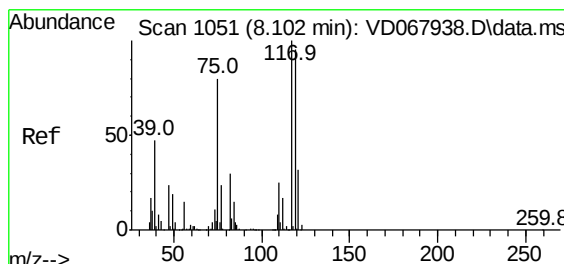
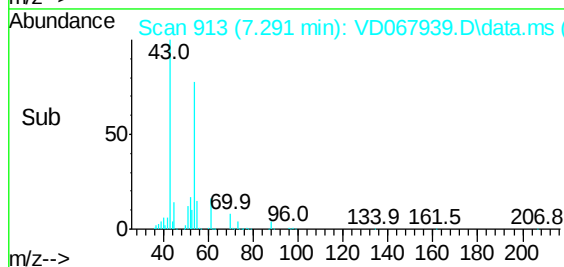
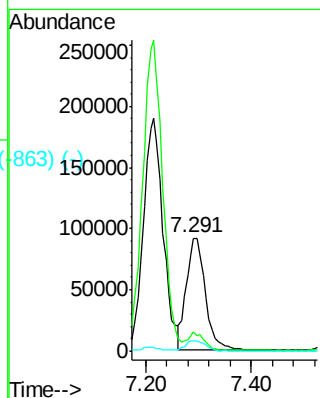
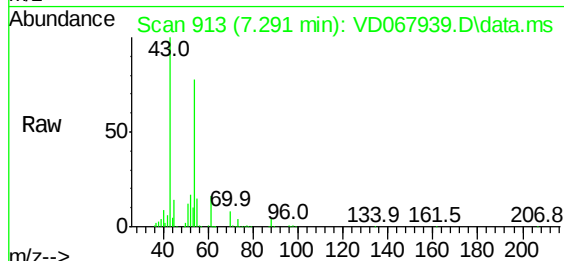
Tgt Ion: 43 Resp: 232583

Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	9.5	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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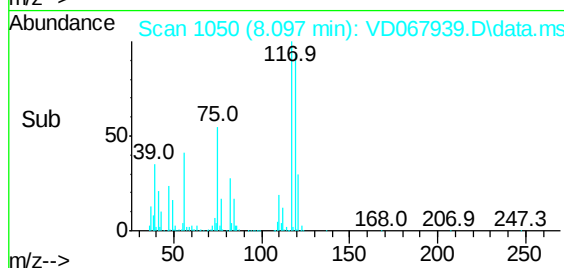
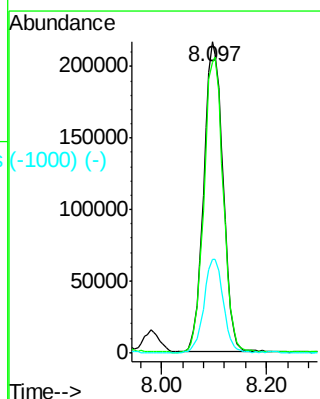
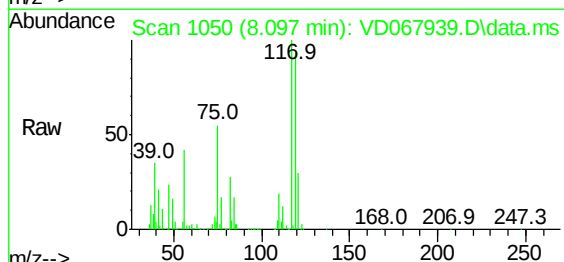
MMDadoda
12/23/2020 3:24:56 PM

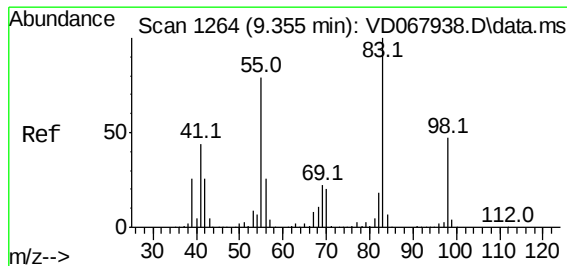


Carbon Tetrachloride
Concen: 77.11 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 117 Resp: 545834

Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.4
121	30.1	25.9	38.9





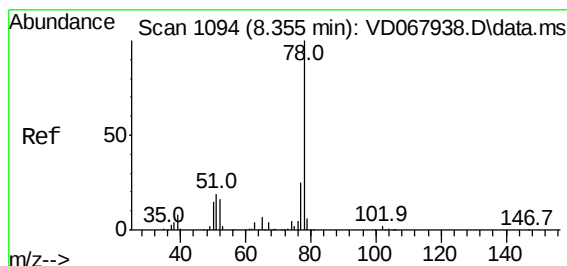
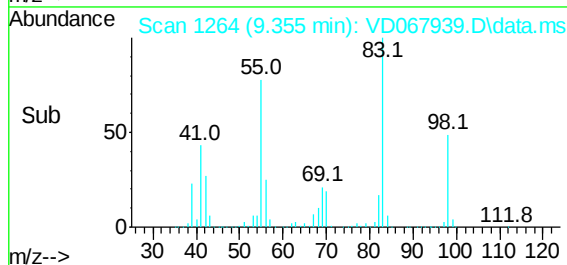
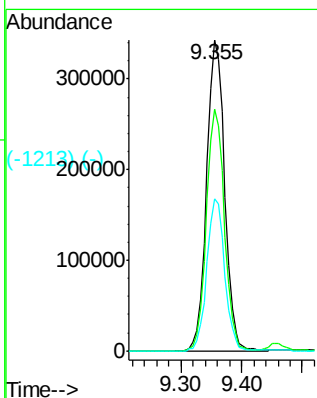
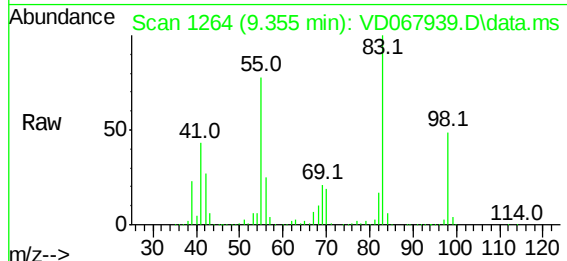
Methylcyclohexane
Concen: 119.11 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 83 Resp: 702202
Ion Ratio Lower Upper
83 100
55 77.8 63.5 95.3
98 48.9 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

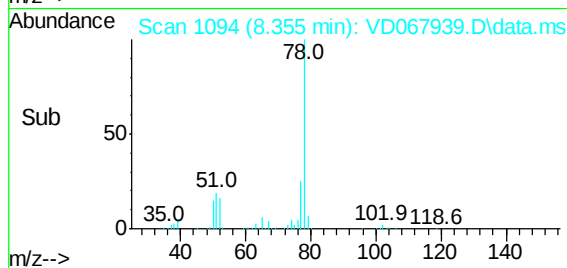
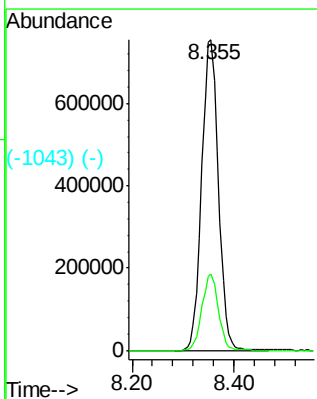
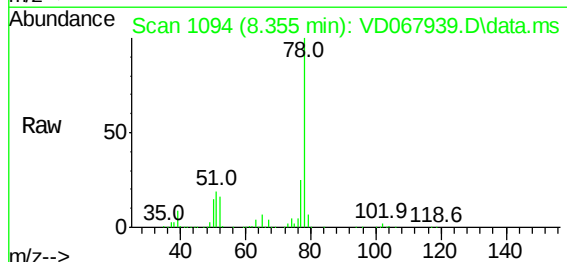
Manual Integrations
APPROVED

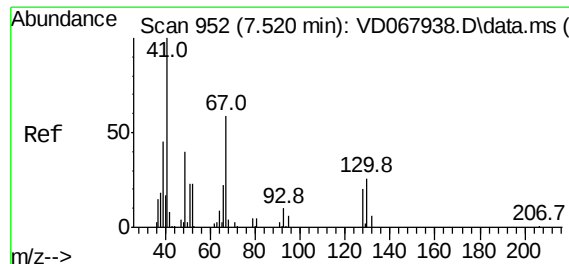
MMDadoda
12/23/2020 3:24:56 PM



Benzene
Concen: 123.32 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 78 Resp: 1723838
Ion Ratio Lower Upper
78 100
77 24.7 20.1 30.1





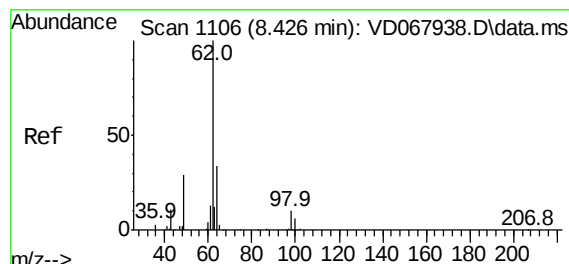
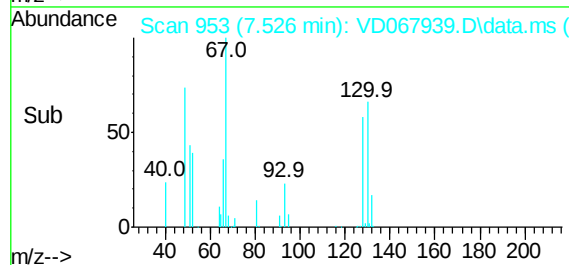
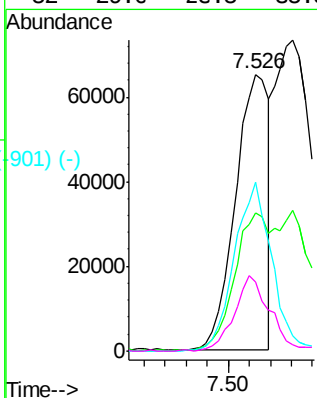
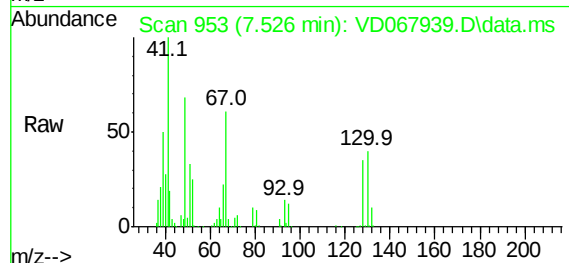
#41 (-)
Methacrylonitrile
Concen: 184.29 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 141257
Ion Ratio Lower Upper
41 100
39 65.4 46.2 69.2
67 69.6 55.1 82.7
52 29.6 23.5 35.3

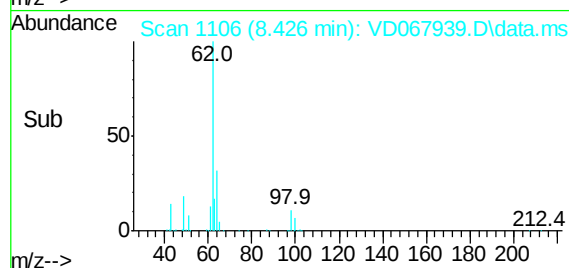
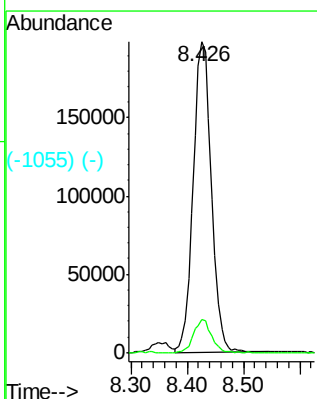
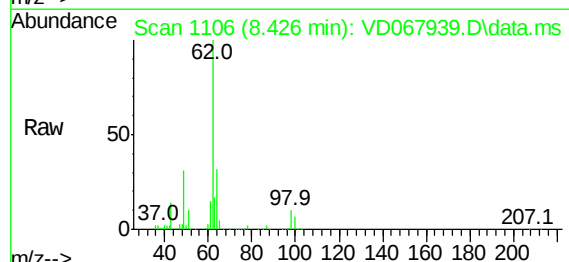
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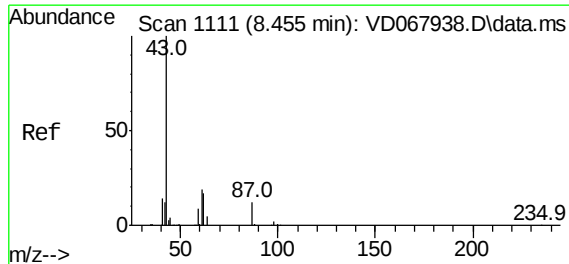
MMDadoda
12/23/2020 3:24:56 PM



#108 (-)
1,2-Dichloroethane
Concen: 94.16 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 62 Resp: 441184
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.4





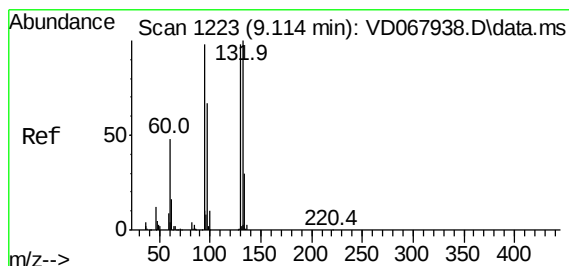
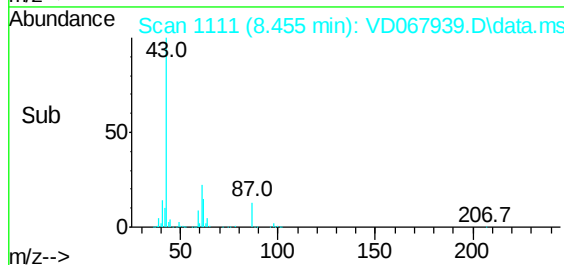
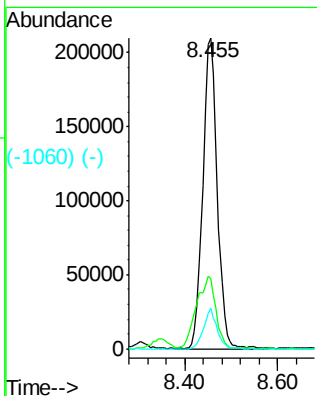
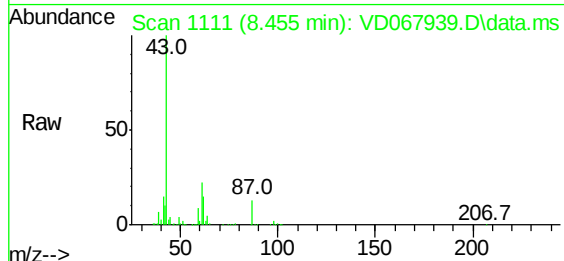
(-1067) (-)
Isopropyl Acetate
Concen: 159.20 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 43 Resp: 456498
Ion Ratio Lower Upper
43 100
61 31.1 24.5 36.7
87 11.9 9.8 14.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

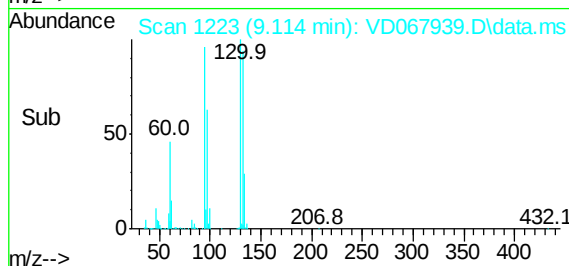
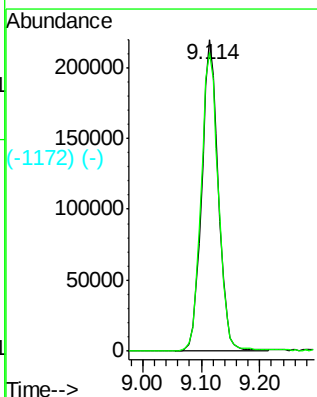
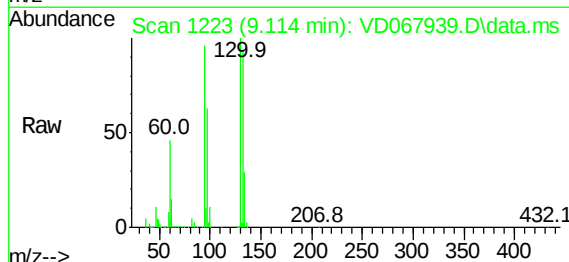
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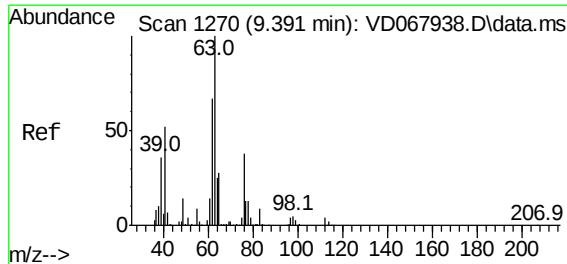
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(-1114) (-)
Trichloroethene
Concen: 94.70 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:130 Resp: 429266
Ion Ratio Lower Upper
130 100
95 96.1 0.0 200.8



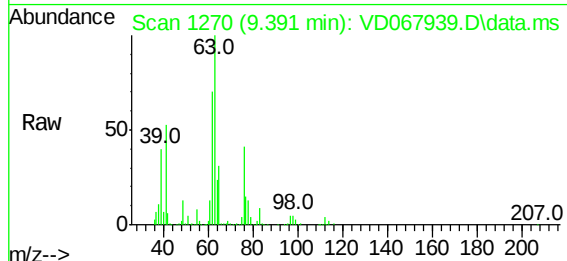


(-1257) (-)
 1,2-Dichloropropane
 Concen: 143.73 ug/l
 RT: 9.391 min Scan# 1270
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

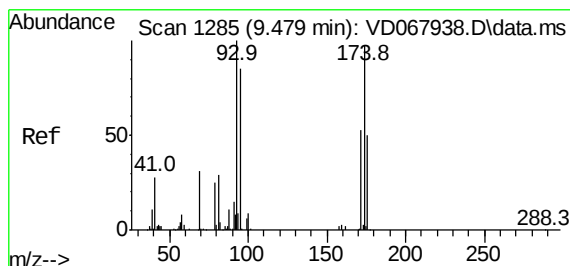
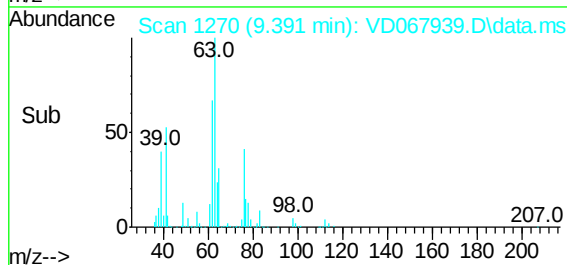
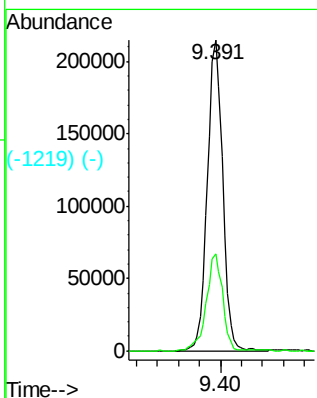
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

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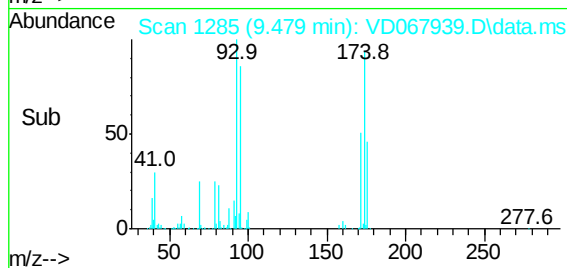
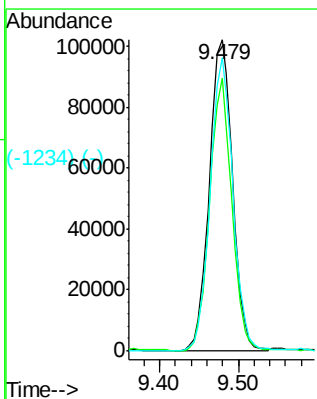
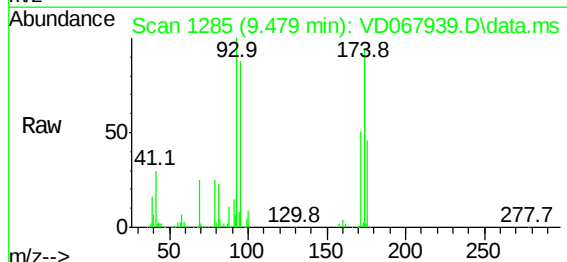


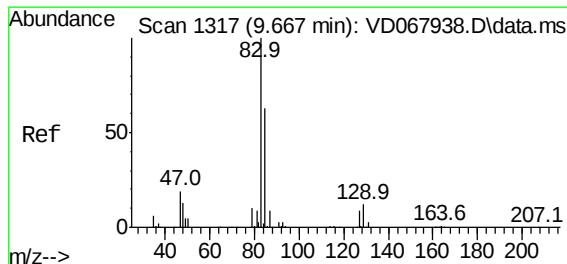
Tgt Ion: 63 Resp: 431195
 Ion Ratio Lower Upper
 63 100
 65 31.1 22.7 34.1



(-1256) (-)
 Dibromomethane
 Concen: 108.35 ug/l
 RT: 9.479 min Scan# 1285
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion: 93 Resp: 208485
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.0 102.0
 174 92.4 74.7 112.1





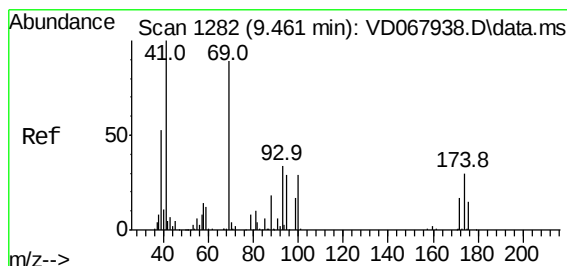
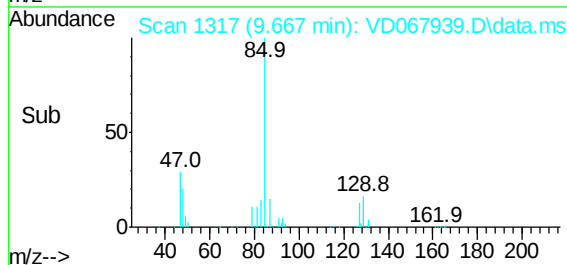
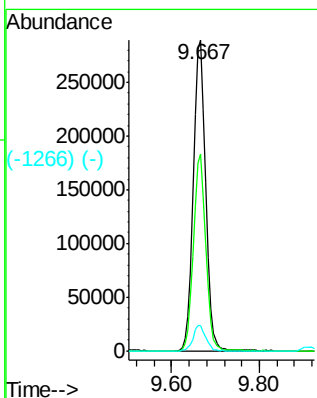
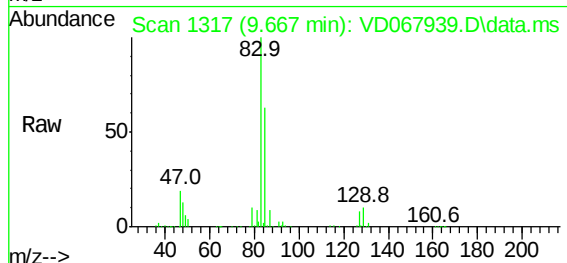
Bromodichloromethane
Concen: 103.08 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 83 Resp: 565983
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 8.3 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

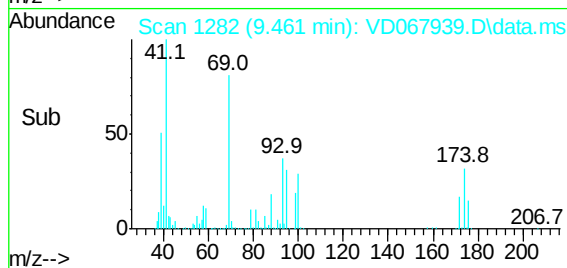
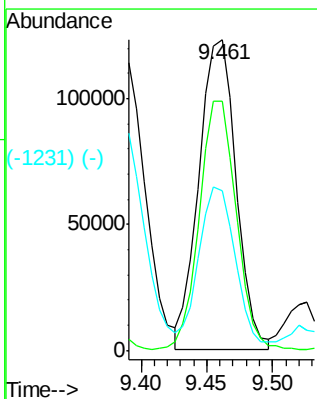
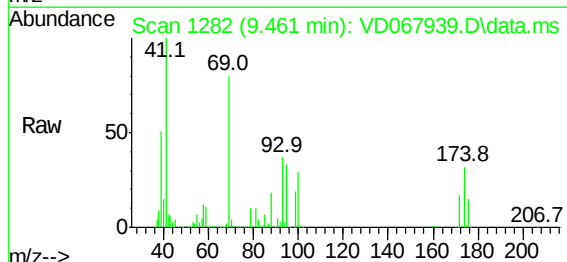
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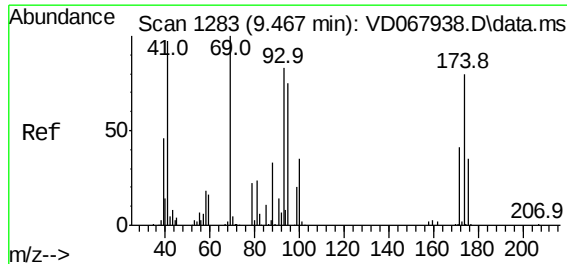
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Methyl methacrylate
Concen: 161.11 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 41 Resp: 237311
Ion Ratio Lower Upper
41 100
69 79.5 63.9 95.9
39 47.0 37.4 56.0





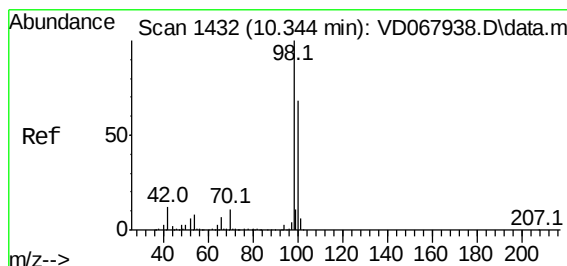
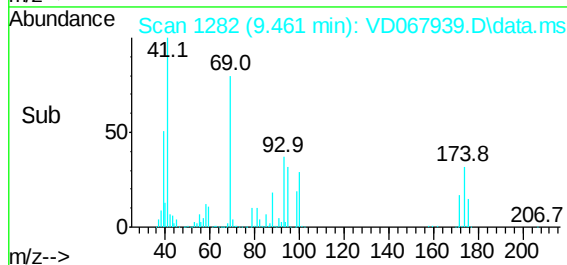
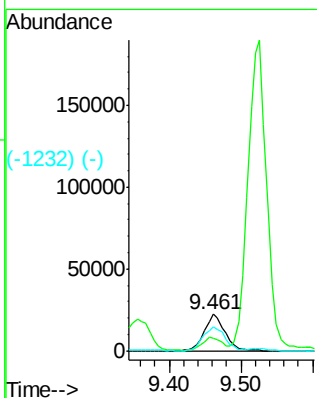
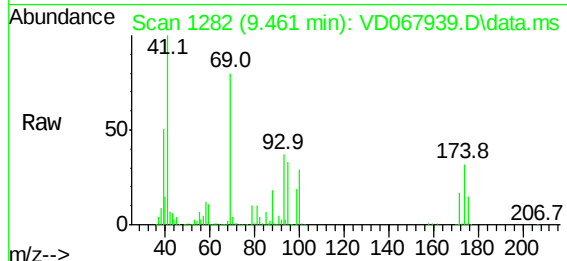
(#1294) (-)
1,4-Dioxane
Concen: 1979.69 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 43604
Ion Ratio Lower Upper
88 100
43 38.3 27.3 40.9
58 71.8 54.8 82.2

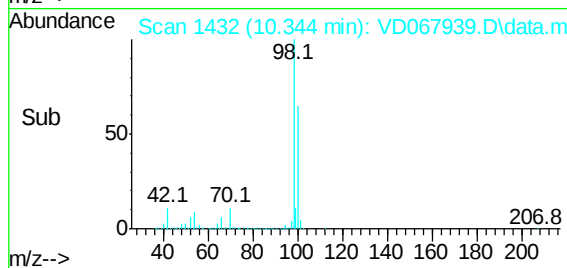
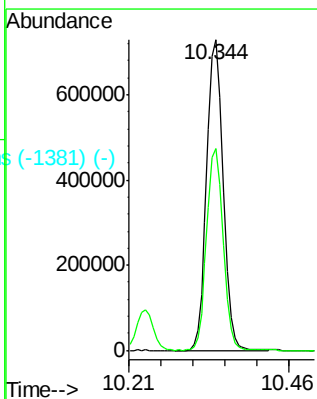
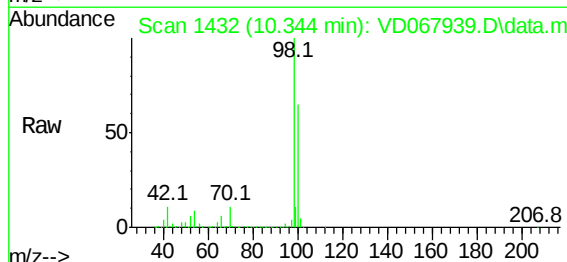
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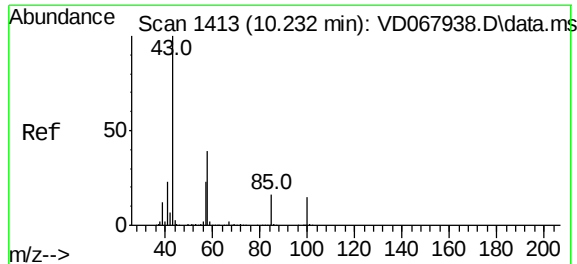
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(#5022) (-)
Toluene-d8
Concen: 98.54 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 98 Resp: 1314005
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



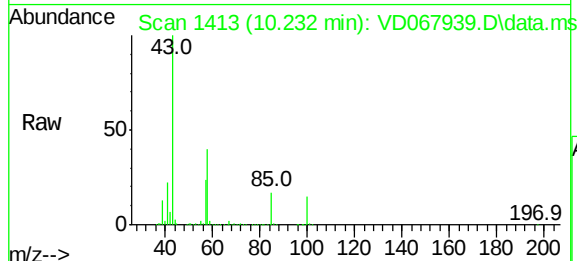


#5102 (-)
4-Methyl-2-Pentanone
Concen: 833.44 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

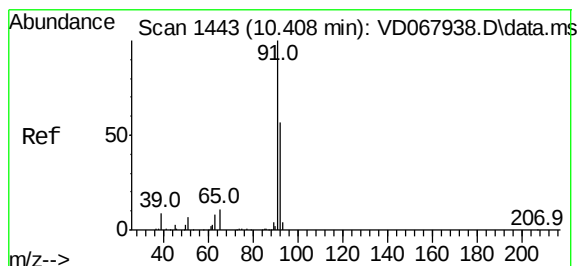
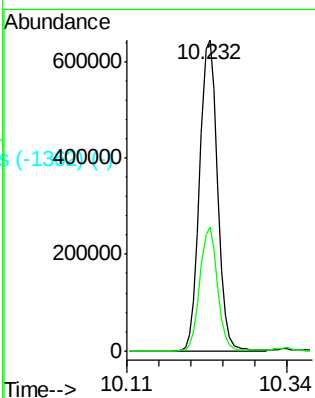
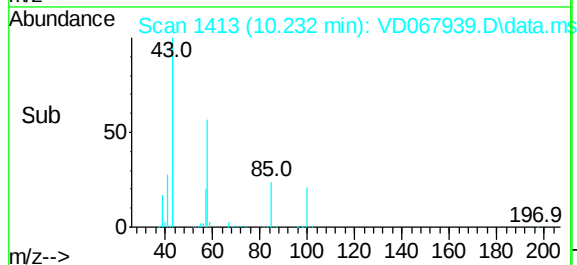
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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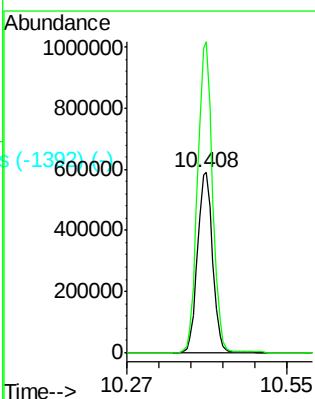
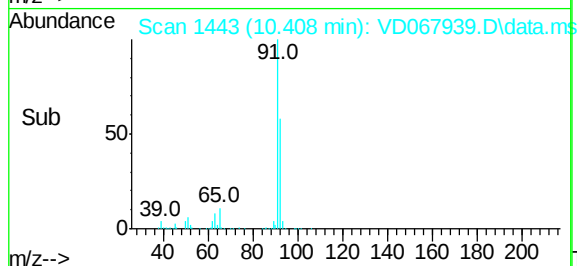
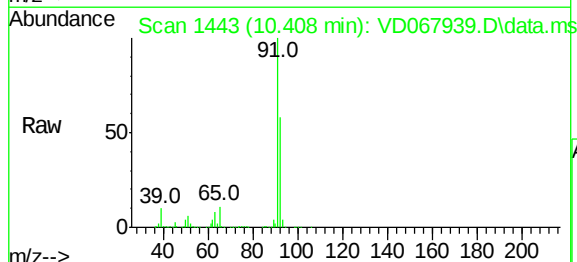


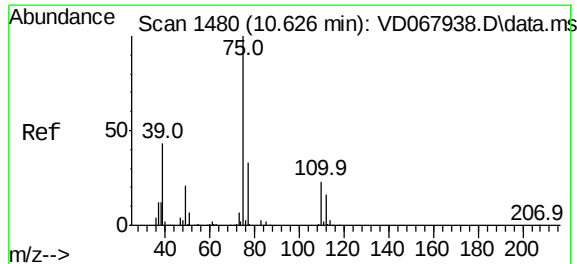
Tgt Ion: 43 Resp: 1160025
Ion Ratio Lower Upper
43 100
58 39.1 30.0 45.0



#5133 (-)
Toluene
Concen: 113.87 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 92 Resp: 1086564
Ion Ratio Lower Upper
92 100
91 171.5 138.5 207.7



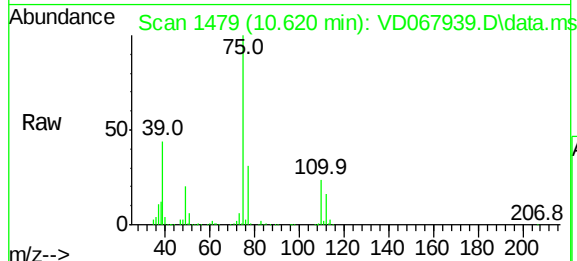


#5470 (-)
t-1,3-Dichloropropene
Concen: 111.04 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

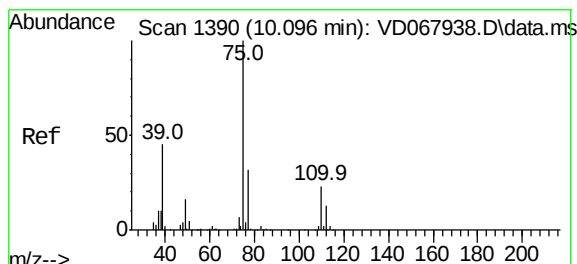
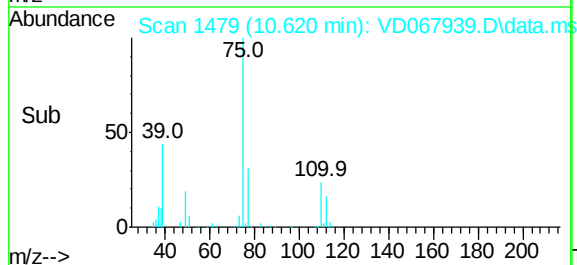
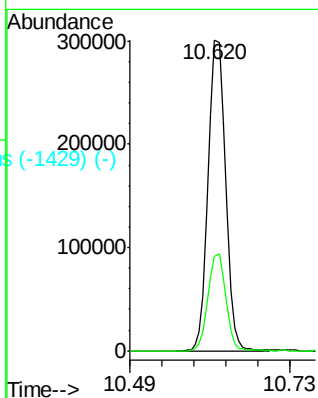
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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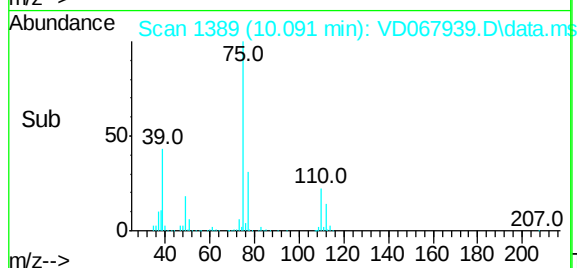
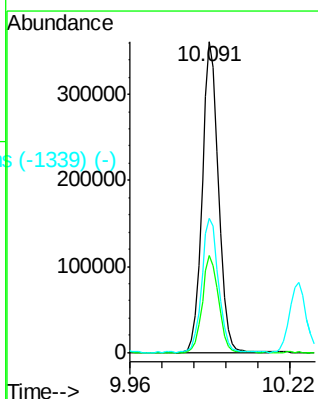
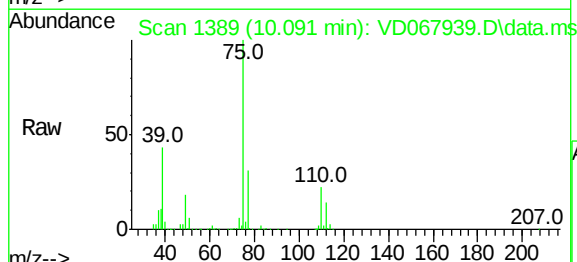


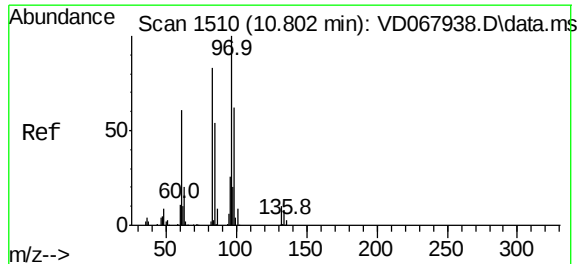
Tgt Ion: 75 Resp: 528380
Ion Ratio Lower Upper
75 100
77 30.5 26.8 40.2



#5479 (-)
cis-1,3-Dichloropropene
Concen: 122.50 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

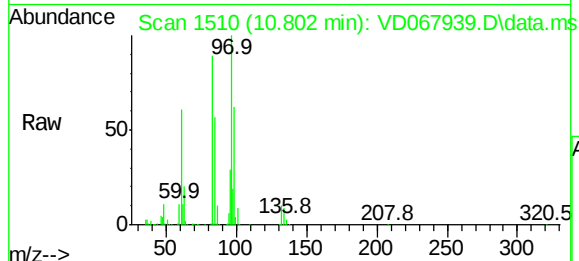
Tgt Ion: 75 Resp: 649008
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 43.2 35.7 53.5





#5503 (-)
1,1,2-Trichloroethane
Concen: 110.07 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

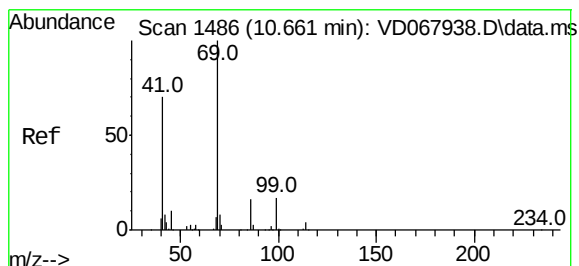
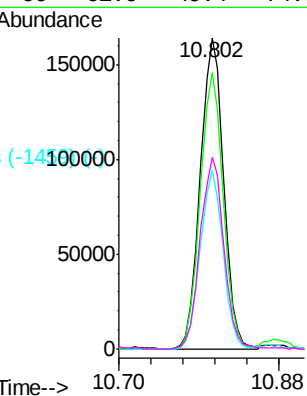
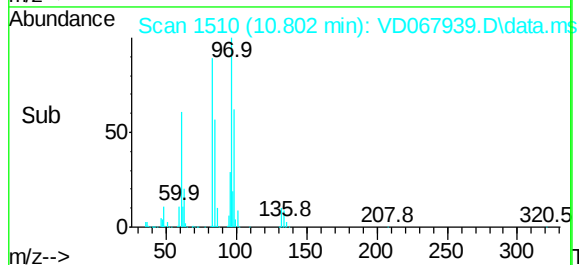
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



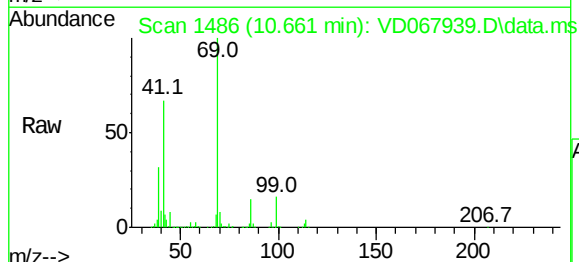
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.7	66.4	99.6
85	57.5	43.4	65.0
99	61.6	49.4	74.0

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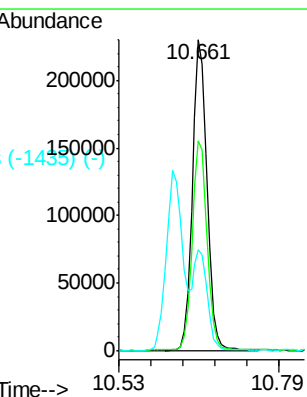
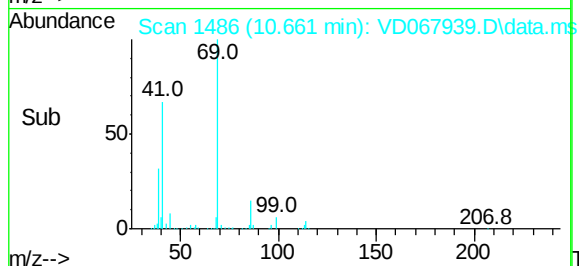
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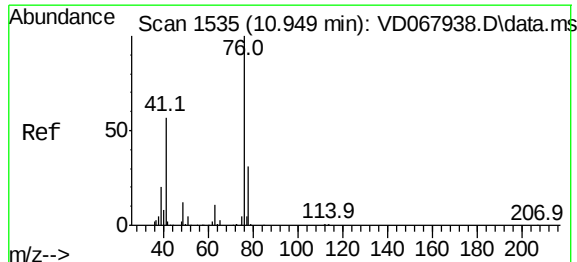


#5578 (-)
Ethyl methacrylate
Concen: 134.80 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.4	84.6
39	33.3	24.6	36.8



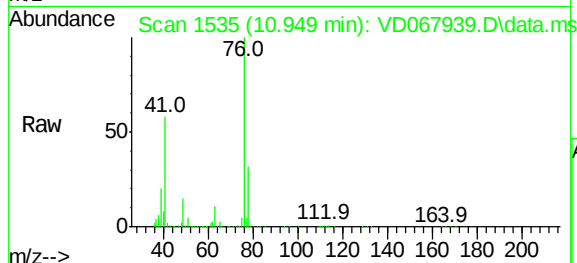


1,3-Dichloropropane
Concen: 119.07 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

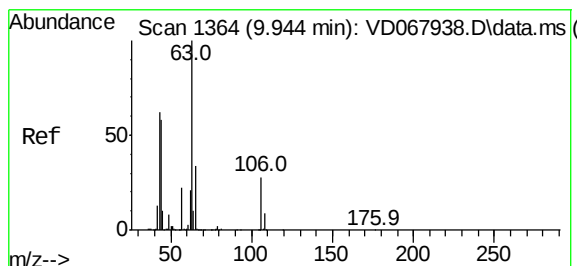
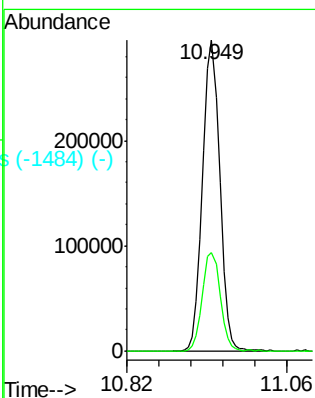
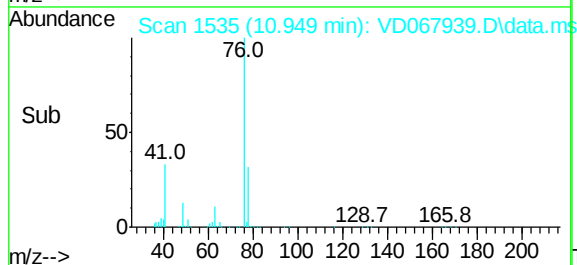
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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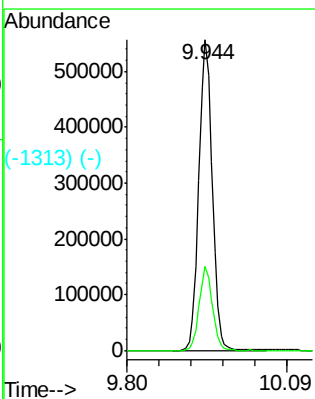
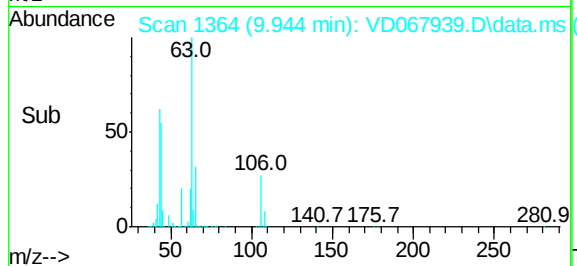
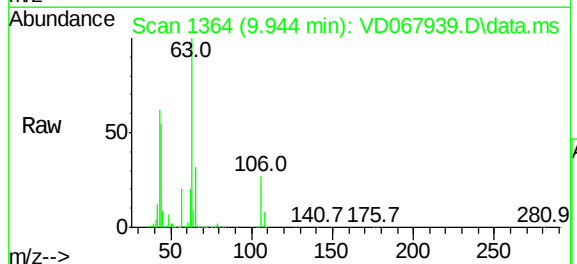


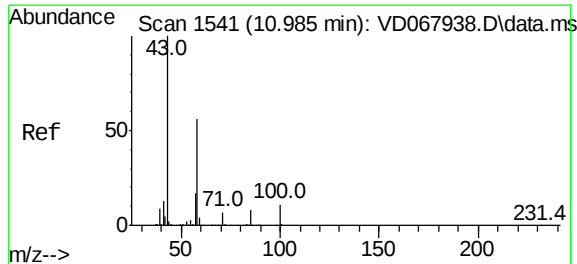
Tgt Ion: 76 Resp: 514911
Ion Ratio Lower Upper
76 100
78 32.9 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 742.50 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

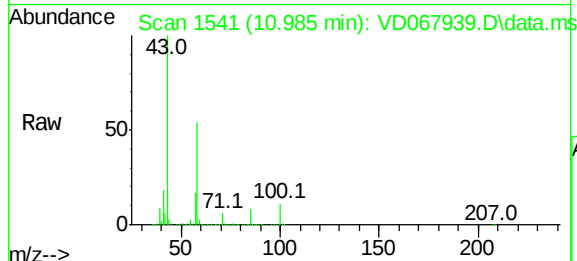
Tgt Ion: 63 Resp: 956254
Ion Ratio Lower Upper
63 100
106 26.4 21.6 32.4





#5931 (-)
2-Hexanone
Concen: 814.41 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

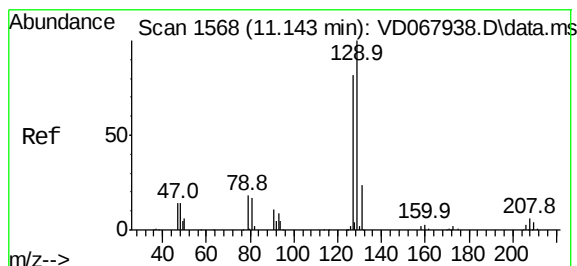
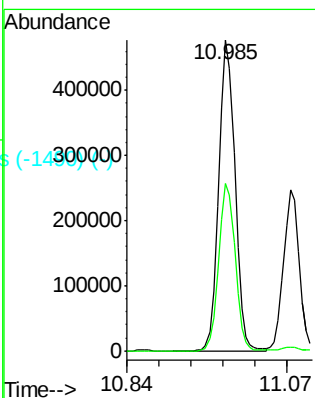
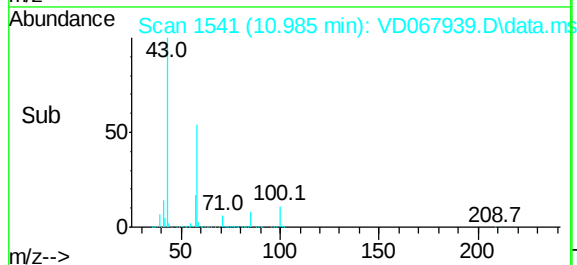
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 779980
Ion Ratio Lower Upper
43 100
58 54.6 27.5 82.4

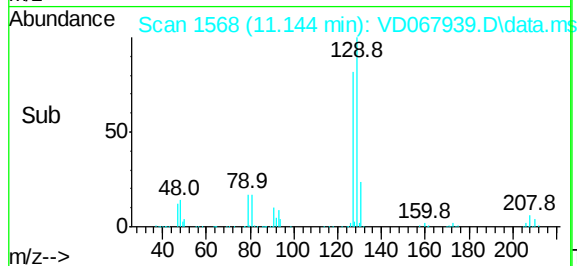
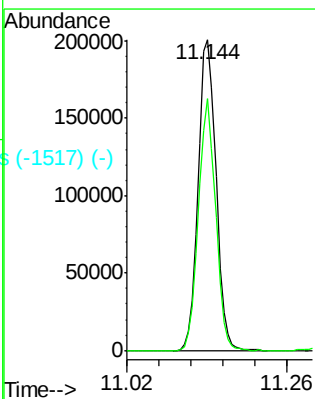
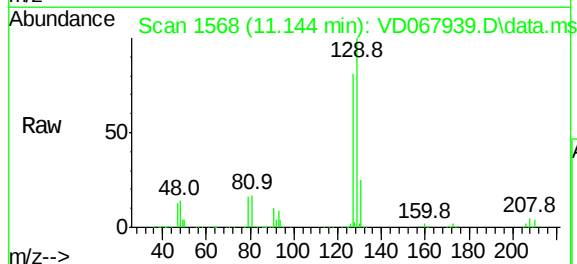
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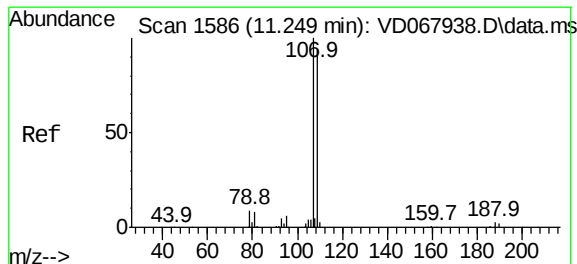
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#6059 (-)
Dibromochloromethane
Concen: 93.64 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 129 Resp: 364118
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4



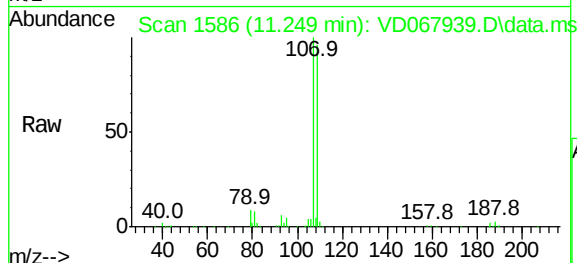


#6178 (-)
1,2-Dibromoethane
Concen: 106.84 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

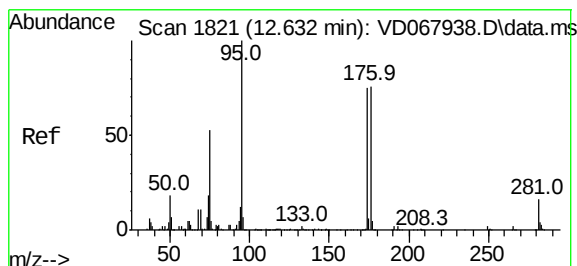
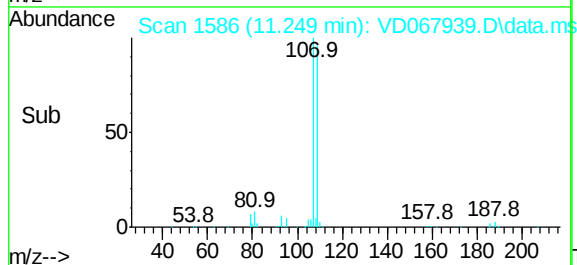
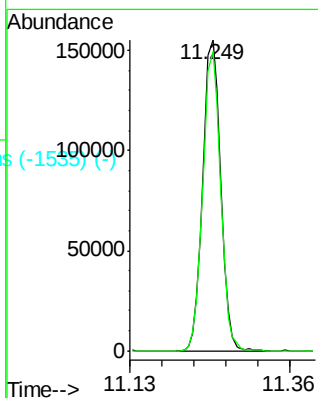
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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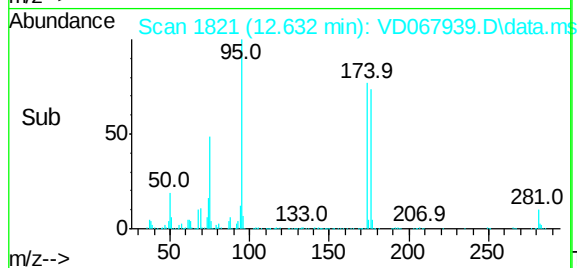
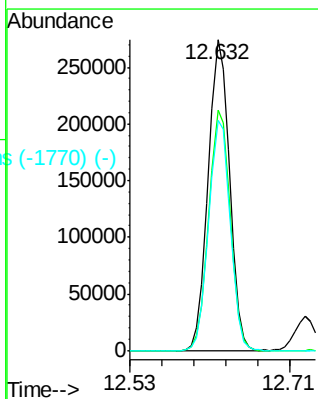
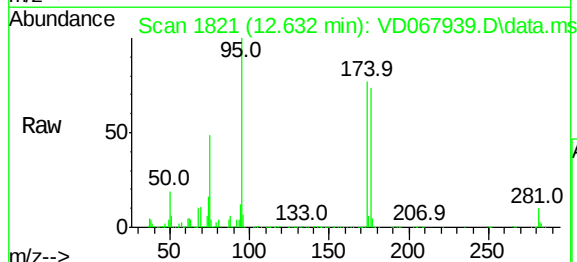


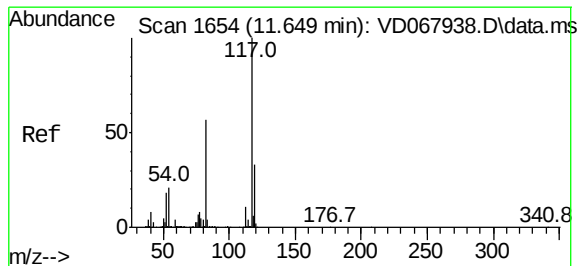
Tgt Ion:107 Resp: 278904
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 97.13 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

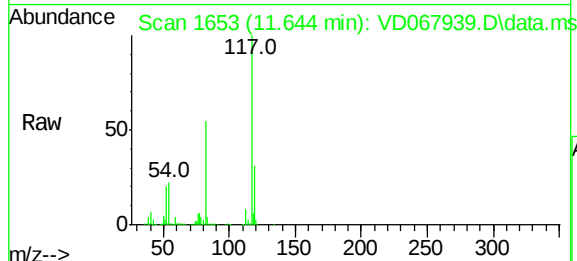
Tgt Ion: 95 Resp: 447129
Ion Ratio Lower Upper
95 100
174 78.0 0.0 150.6
176 74.8 0.0 151.2





#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

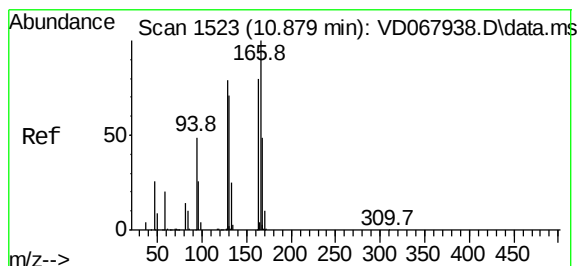
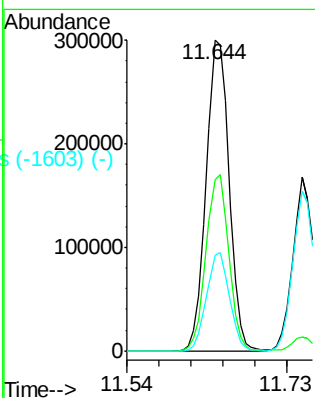
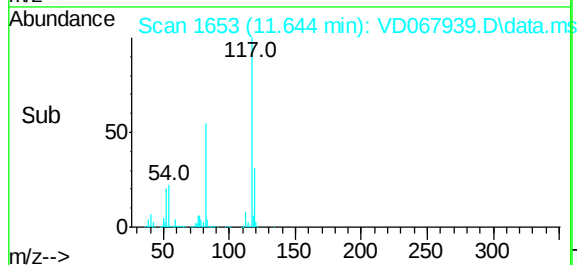
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



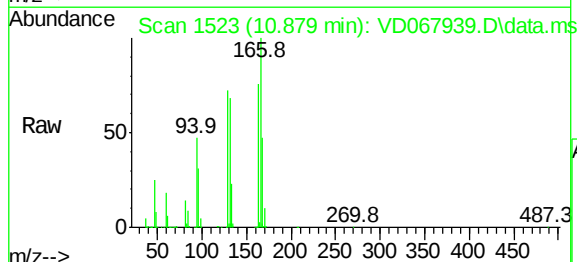
Tgt Ion:117 Resp: 527336
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 30.6 26.7 40.1

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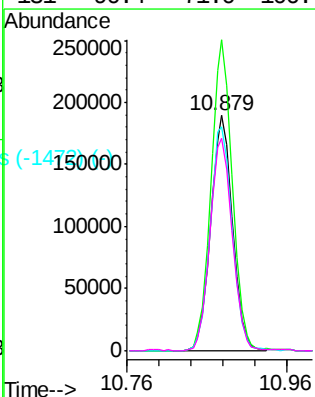
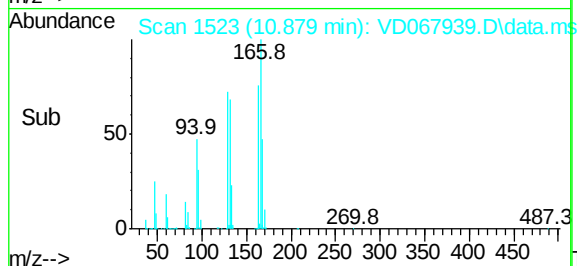
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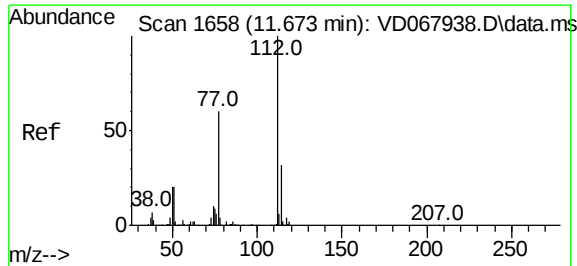


#6414 (-)
Tetrachloroethene
Concen: 81.68 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion:164 Resp: 342090
Ion Ratio Lower Upper
164 100
166 132.3 99.4 149.2
129 95.4 79.0 118.4
131 90.4 71.0 106.4



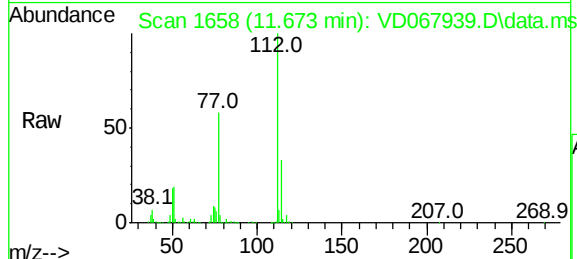


#6549 (-)
Chlorobenzene
Concen: 101.96 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

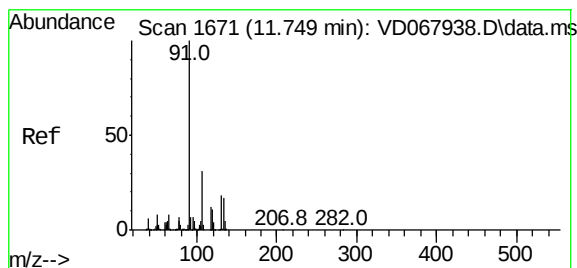
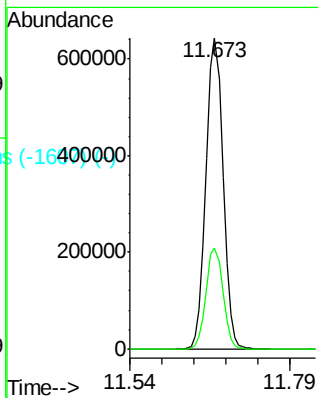
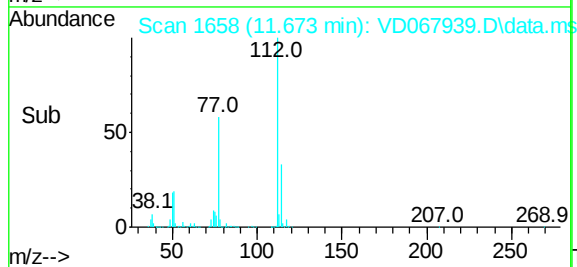
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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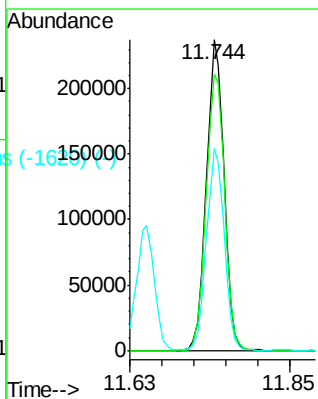
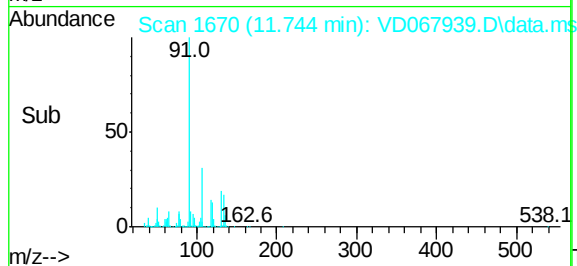
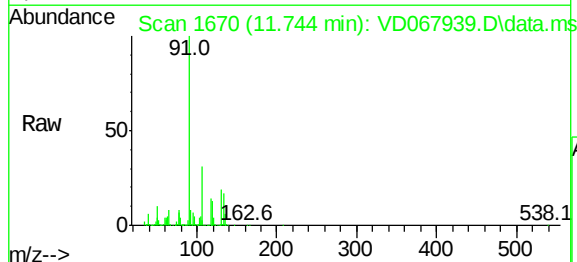


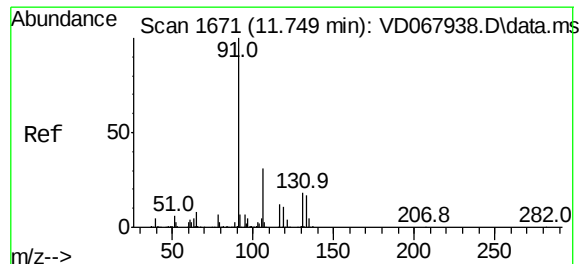
Tgt Ion:112 Resp: 1109967
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#662 (-)
1,1,1,2-Tetrachloroethane
Concen: 91.85 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:131 Resp: 400412
Ion Ratio Lower Upper
131 100
133 93.7 48.4 145.0
119 66.1 33.4 100.2



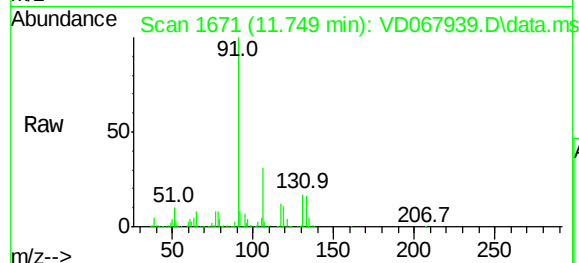


#661 (-)
Ethyl Benzene
Concen: 111.06 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

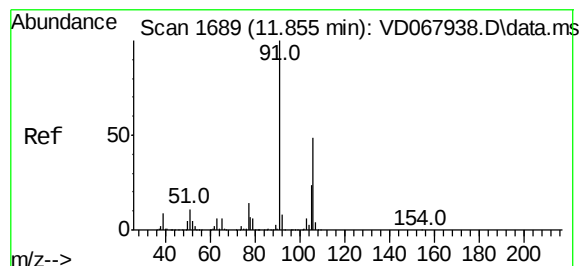
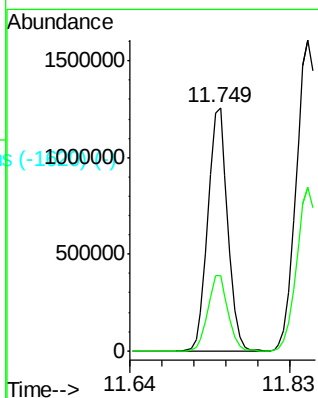
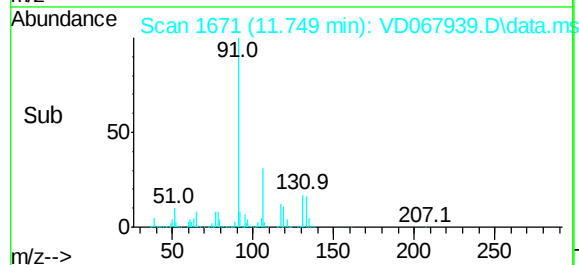
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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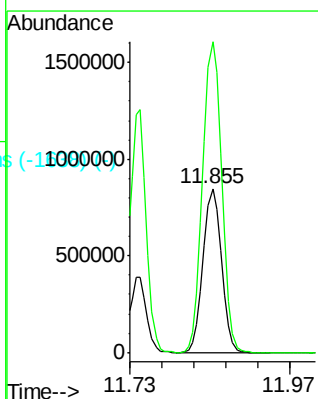
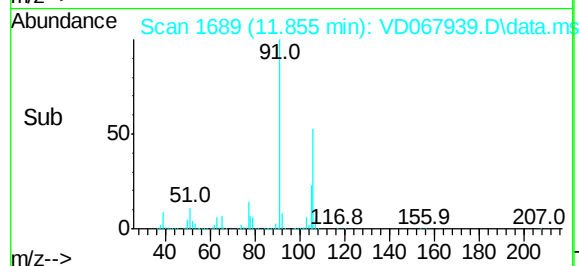
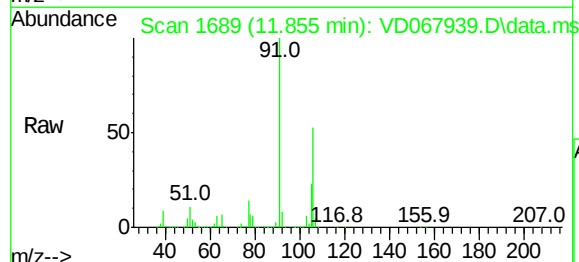


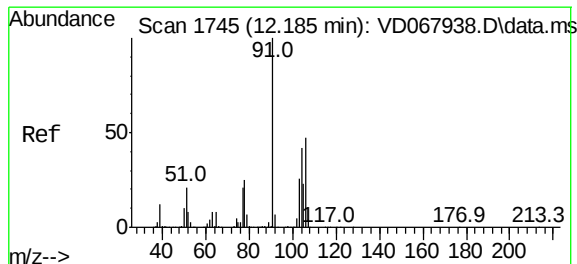
Tgt Ion: 91 Resp: 2080733
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#660 (-)
m/p-Xylenes
Concen: 214.63 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 106 Resp: 1578428
Ion Ratio Lower Upper
106 100
91 196.4 159.9 239.9



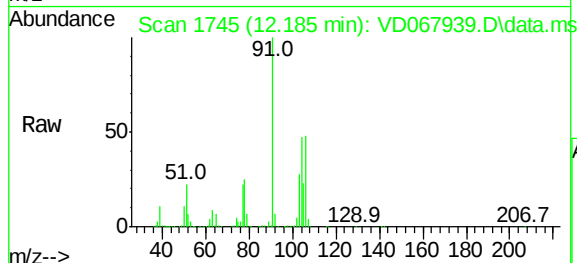


#6937 (-)
o-Xylene
Concen: 111.12 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

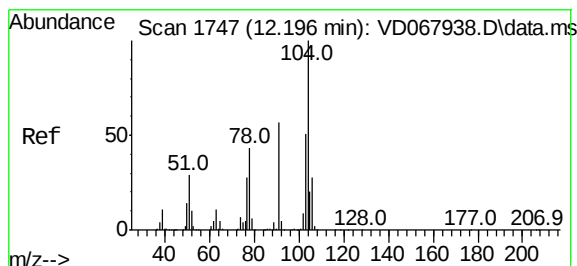
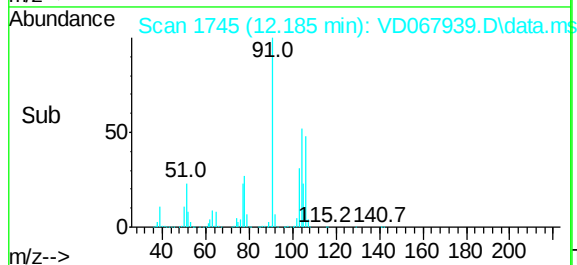
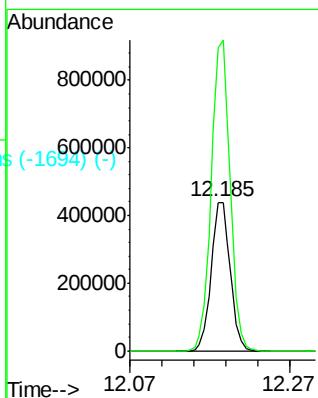
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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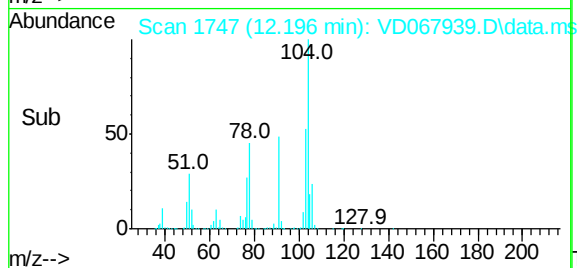
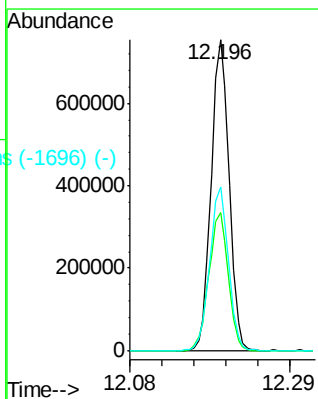
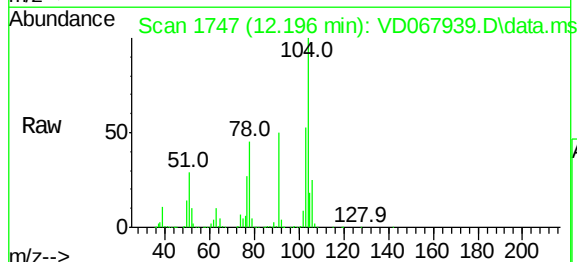


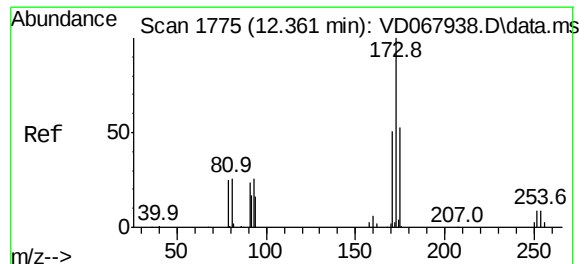
Tgt Ion:106 Resp: 725234
Ion Ratio Lower Upper
106 100
91 208.8 106.0 317.9



#1736 (-)
Styrene
Concen: 109.13 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

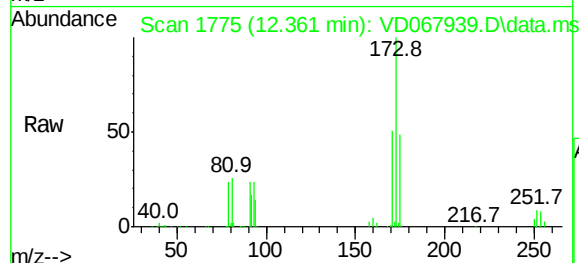
Tgt Ion:104 Resp: 1238952
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 55.1 44.2 66.4





#1775 (-)
Bromoform
Concen: 87.40 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

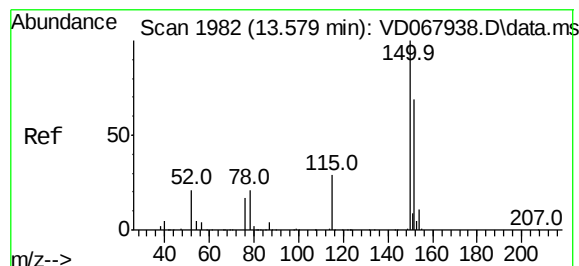
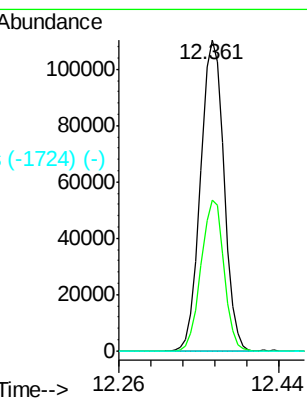
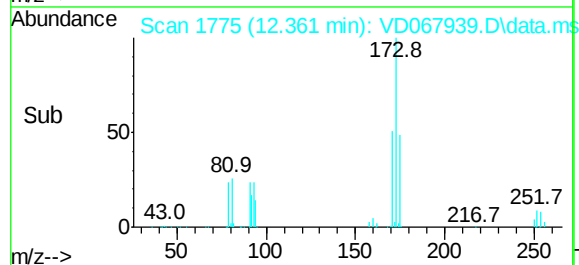
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



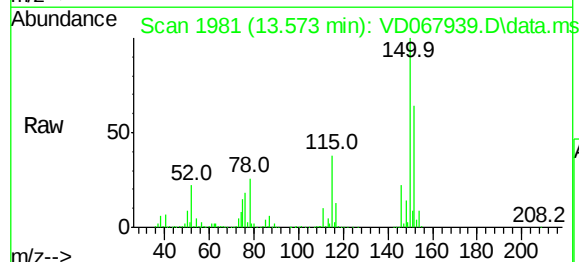
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.8
254	0.0	0.0	0.0

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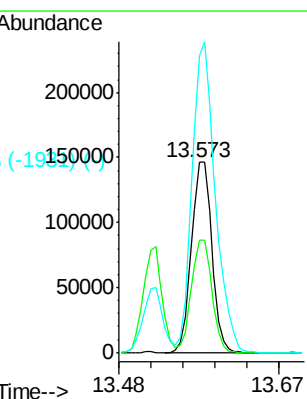
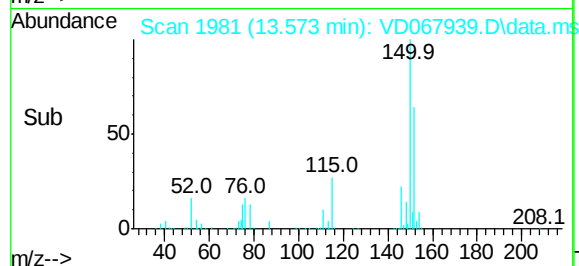
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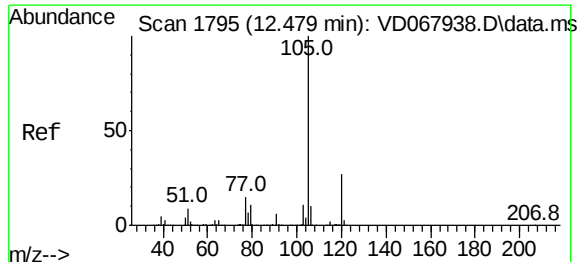


#1981 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	183.9	0.0	340.0



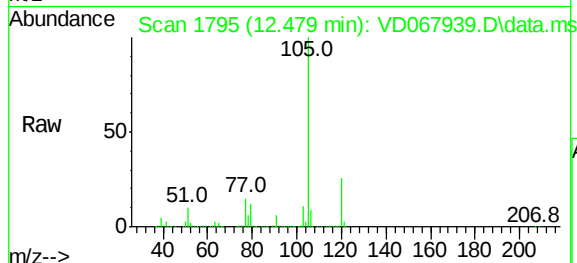


#1786 (-)
Isopropylbenzene
Concen: 112.26 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

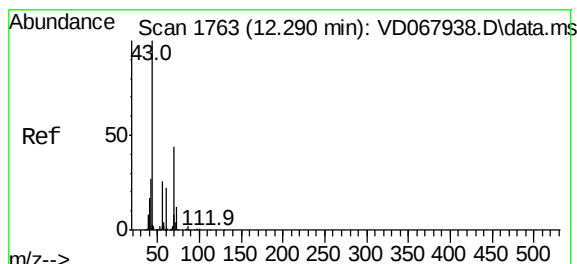
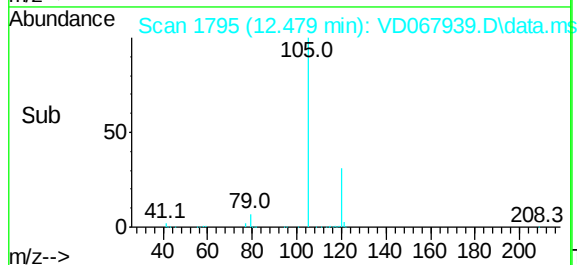
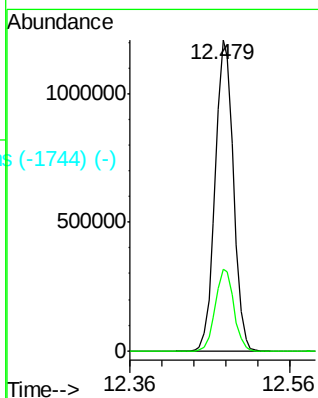
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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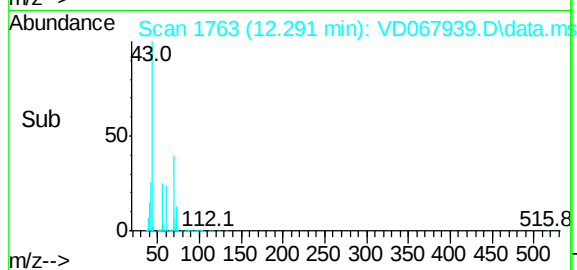
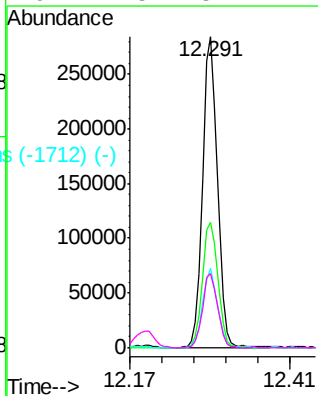
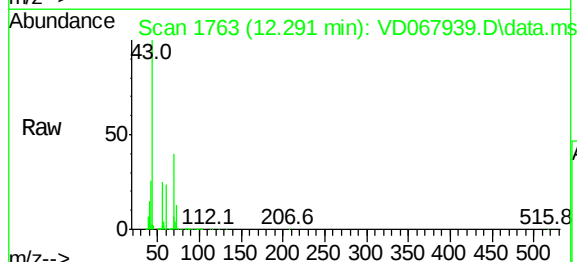


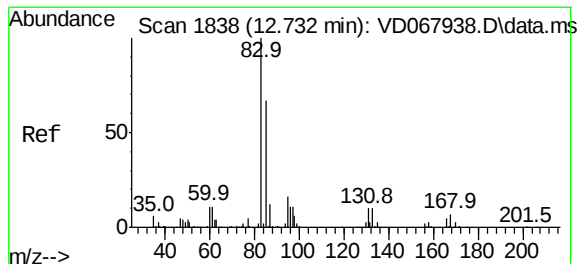
Tgt Ion:105 Resp: 1939688
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 174.99 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 43 Resp: 426299
Ion Ratio Lower Upper
43 100
70 42.0 34.3 51.5
55 25.4 21.2 31.8
61 24.3 18.4 27.6





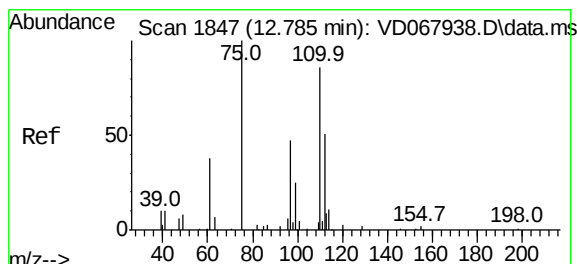
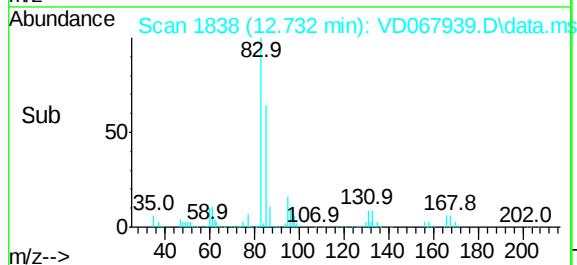
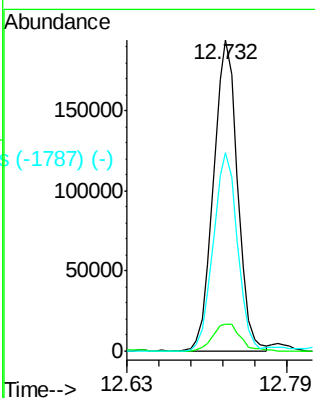
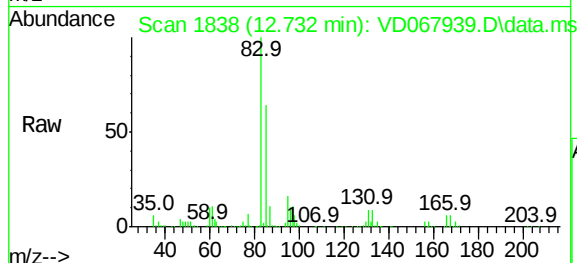
#1830 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 134.41 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion:	83	Resp:	325162
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	32.1	96.3

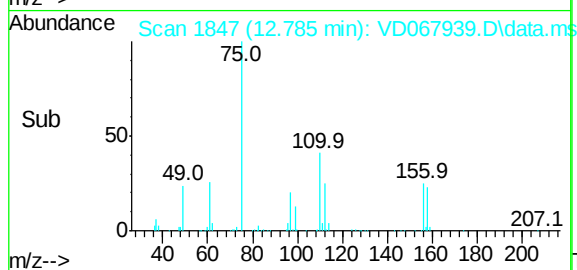
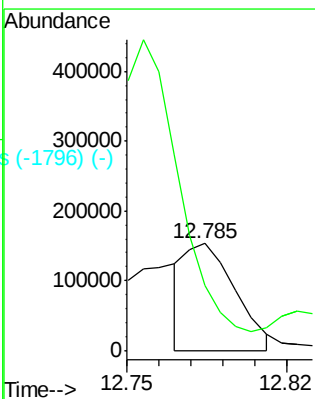
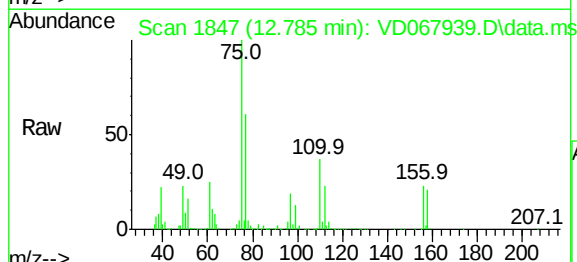
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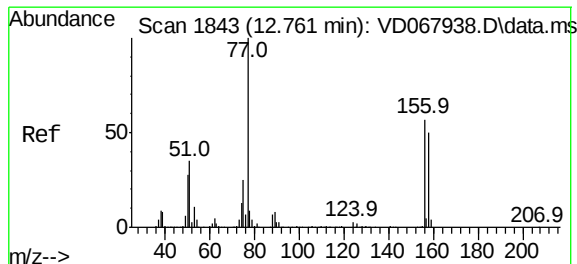
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#1845 (-)
 1,2,3-Trichloropropane
 Concen: 109.35 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

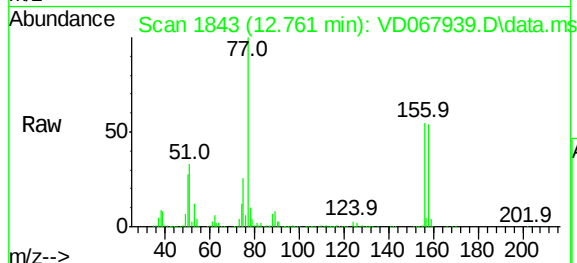
Tgt Ion:	75	Resp:	205223
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 100.77 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

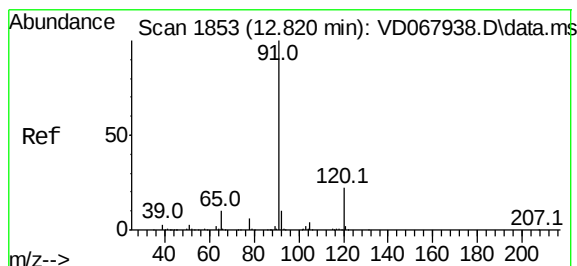
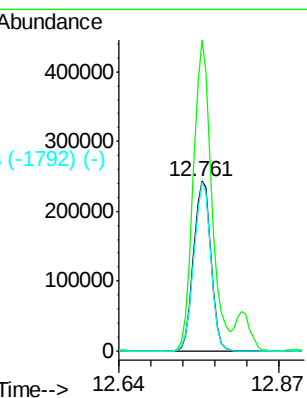
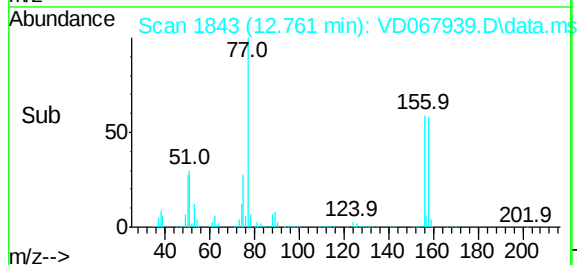


Tgt Ion: 156 Resp: 427057

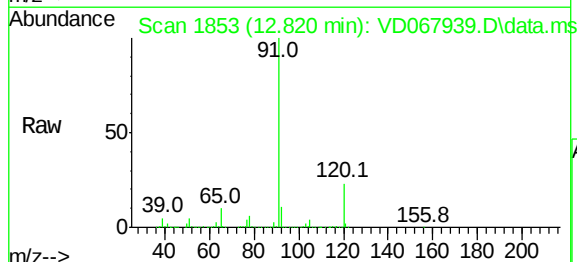
Ion	Ratio	Lower	Upper
156	100		
77	192.9	95.9	287.6
158	96.2	46.8	140.3

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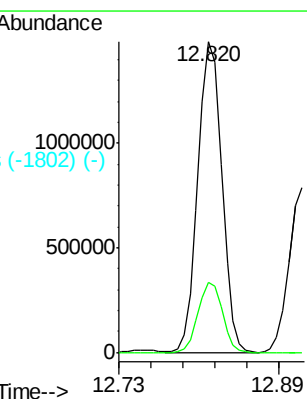
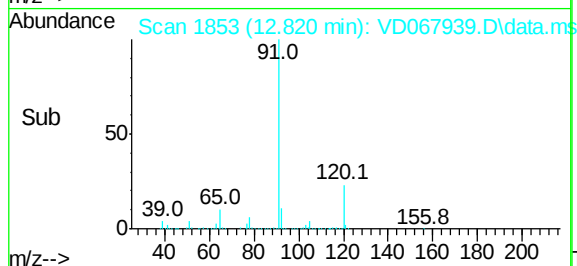


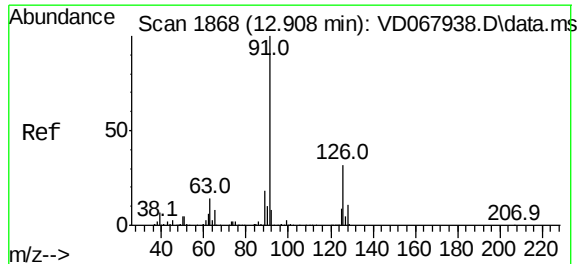
#1847 (-)
n-propylbenzene
Concen: 120.13 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion: 91 Resp: 2347926

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5



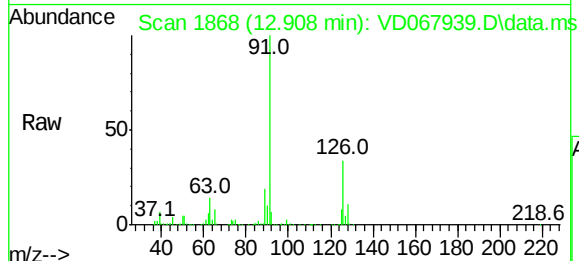


#1861 (-)
2-Chlorotoluene
Concen: 114.44 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

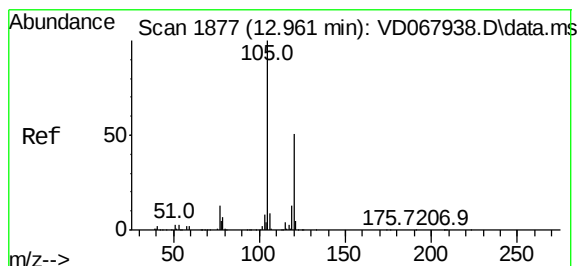
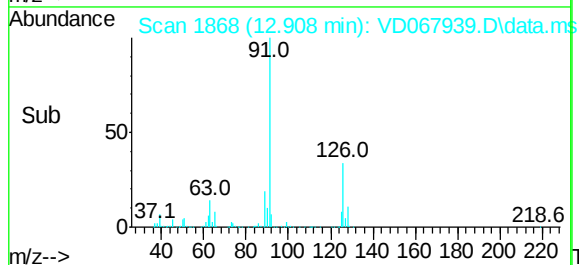
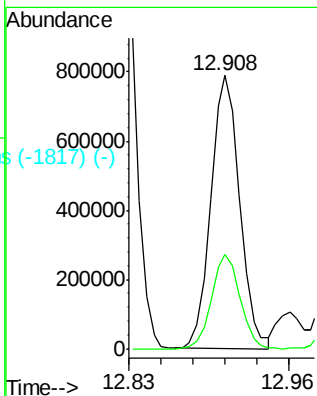
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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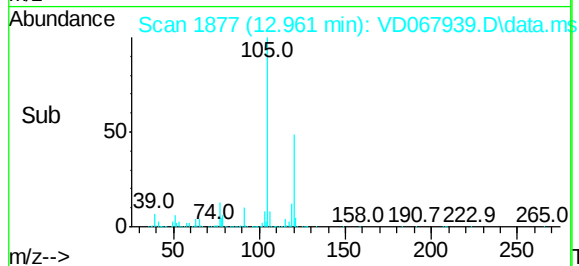
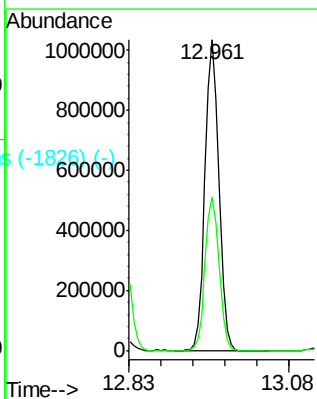
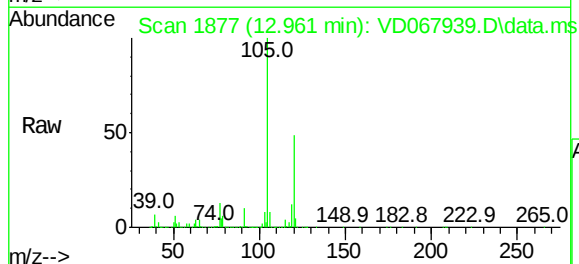


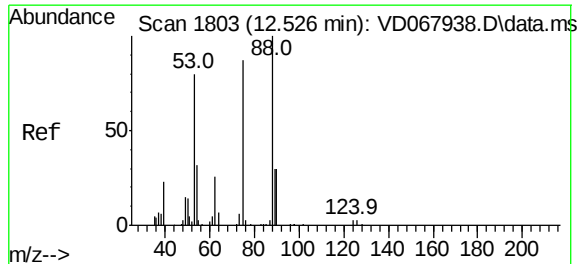
Tgt Ion: 91 Resp: 1306625
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 106.12 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 105 Resp: 1576230
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.6





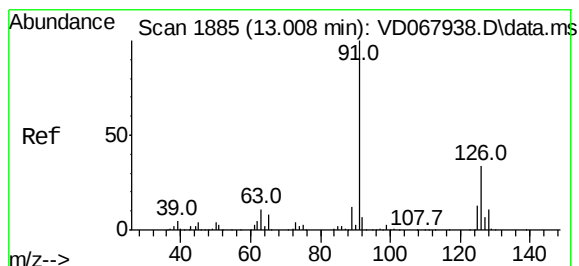
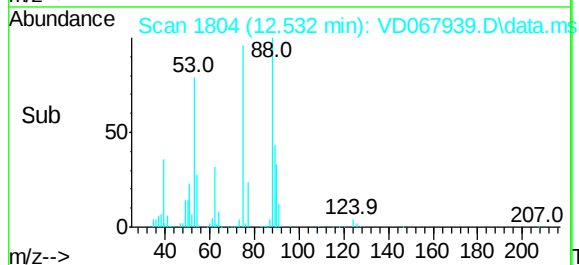
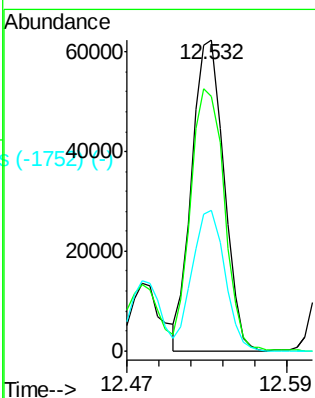
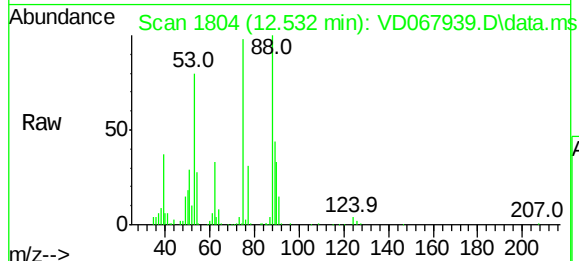
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 130.19 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 103556
Ion Ratio Lower Upper
75 100
53 87.7 74.9 112.3
89 46.0 33.8 50.8

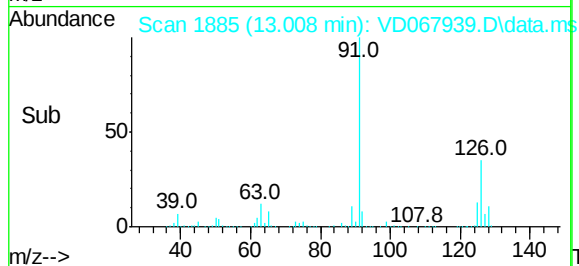
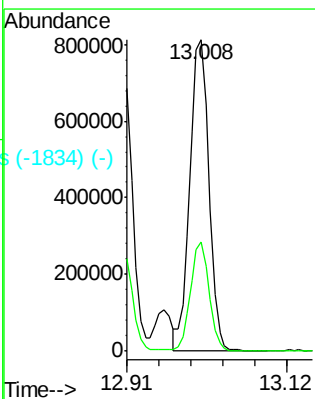
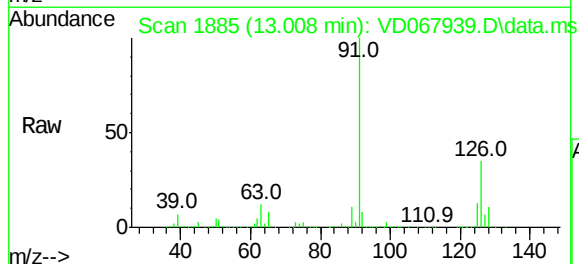
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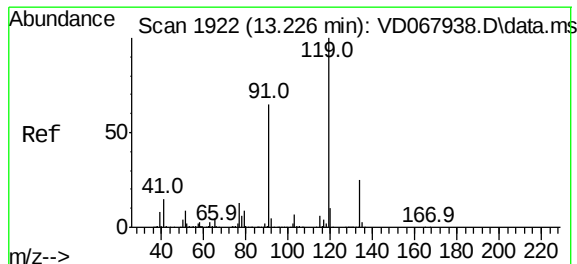
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#200 (-)
4-Chlorotoluene
Concen: 112.05 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 91 Resp: 1362252
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



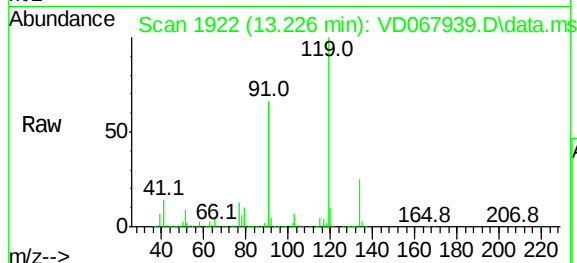


#13 (-)
tert-Butylbenzene
Concen: 107.53 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

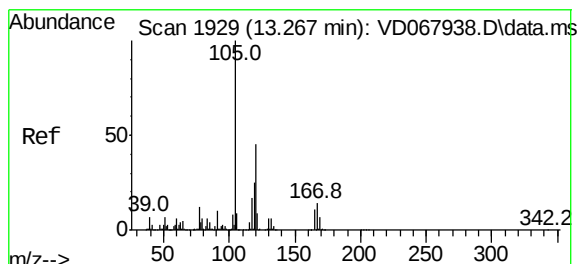
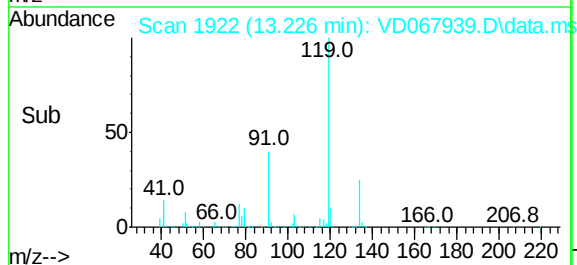
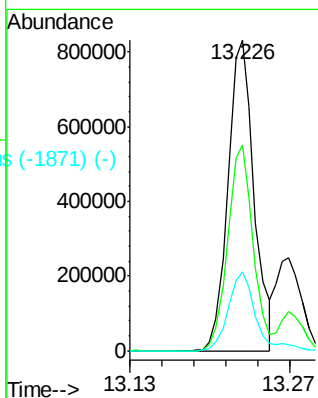
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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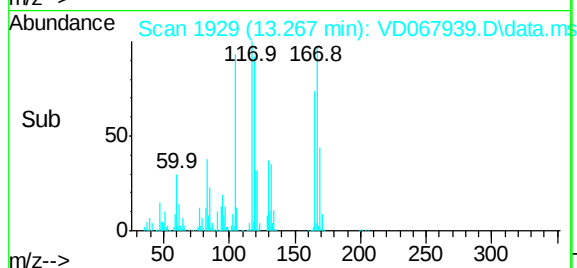
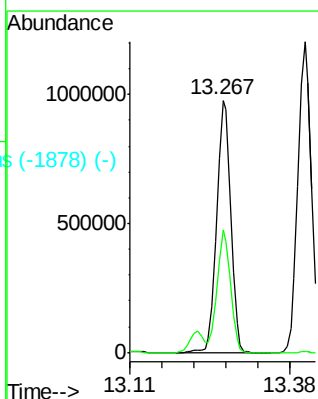
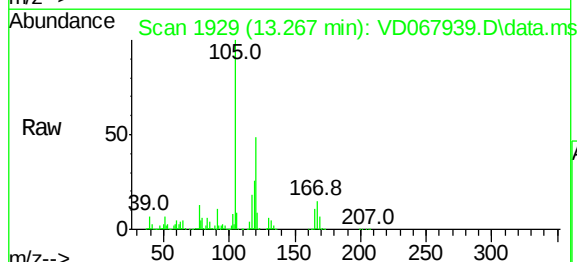


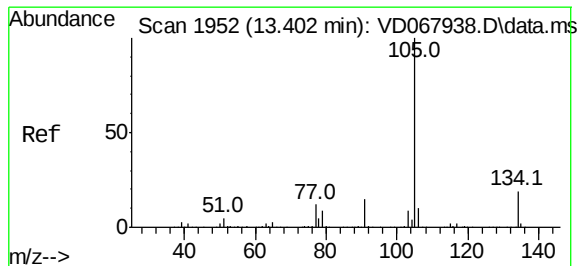
Tgt Ion:119 Resp: 1344418
Ion Ratio Lower Upper
119 100
91 64.1 32.7 98.1
134 25.1 13.3 39.8



#16 (-)
1,2,4-Trimethylbenzene
Concen: 106.72 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:105 Resp: 1578605
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.0



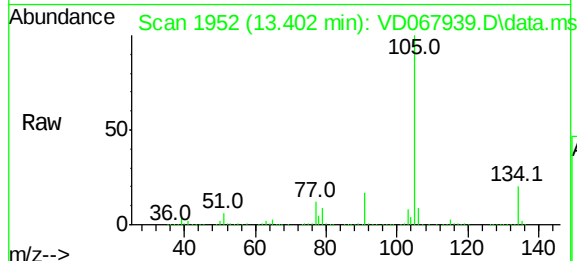


#8543 (-)
 sec-Butylbenzene
 Concen: 111.01 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

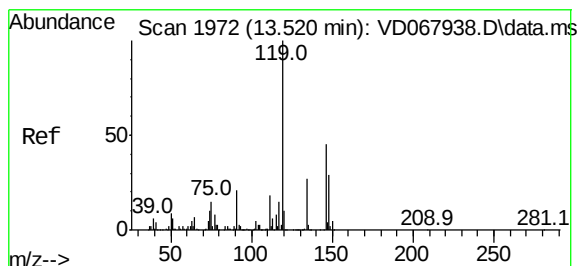
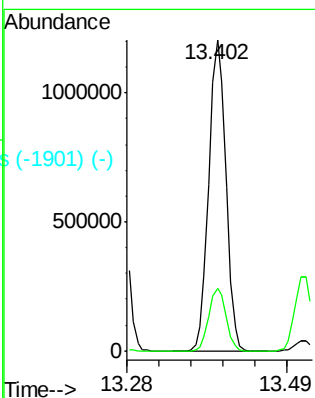
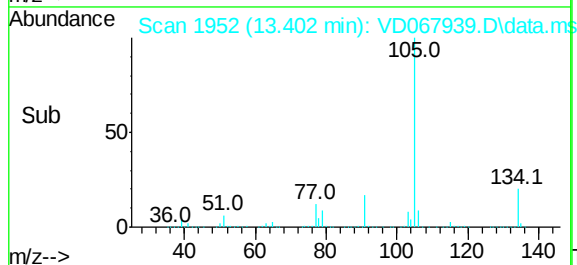
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

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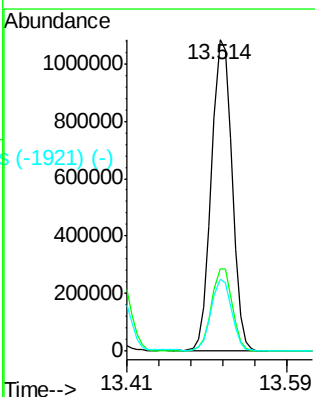
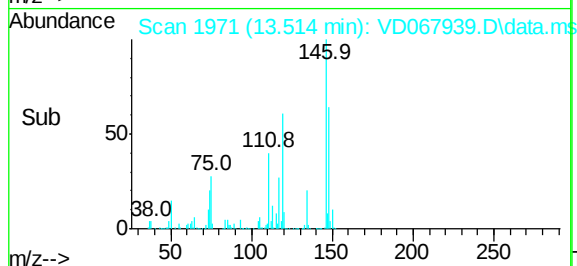
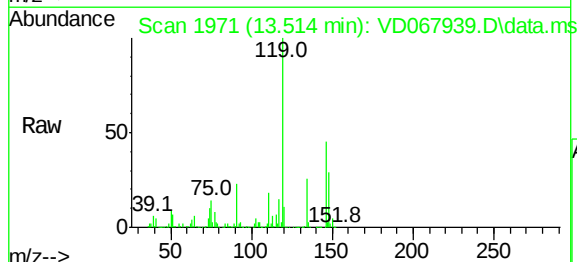


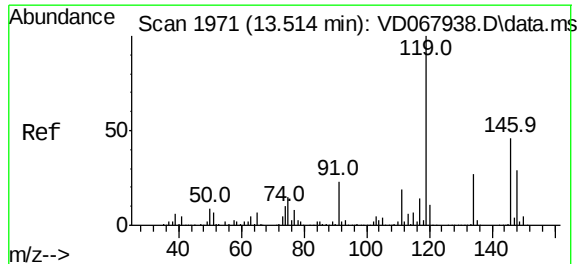
Tgt Ion:105 Resp: 1892560
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1



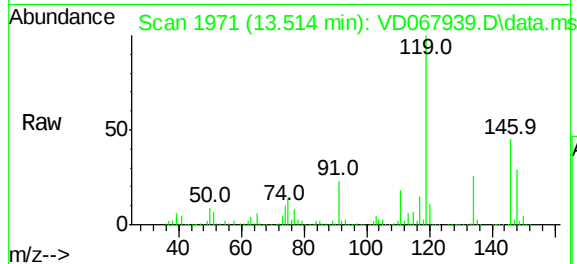
#8564 (-)
 p-Isopropyltoluene
 Concen: 103.67 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067939.D
 Acq: 22 Dec 2020 17:38

Tgt Ion:119 Resp: 1702078
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.6 11.4 34.2

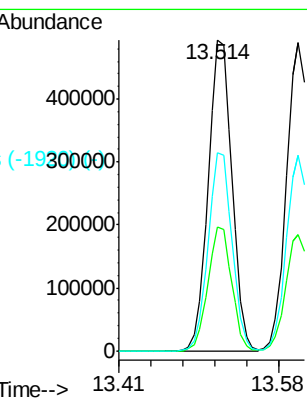
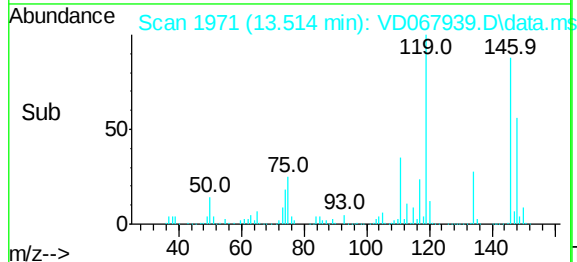




#863 (-)
1,3-Dichlorobenzene
Concen: 99.60 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



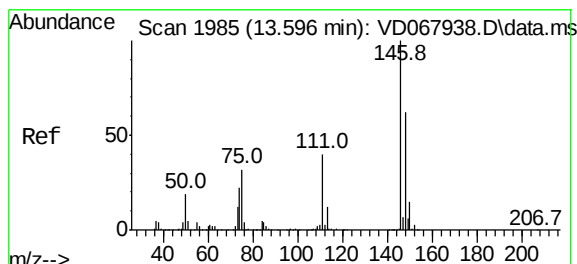
Tgt Ion:146 Resp: 820819
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.8 31.8 95.4



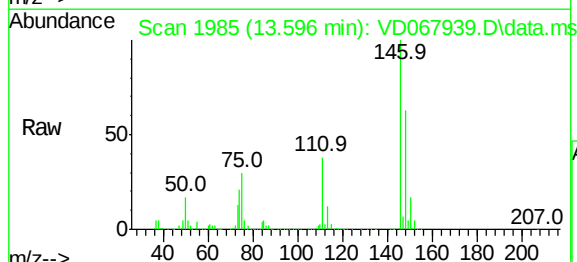
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

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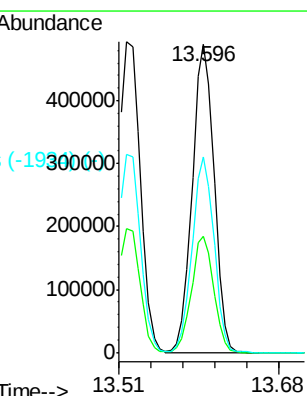
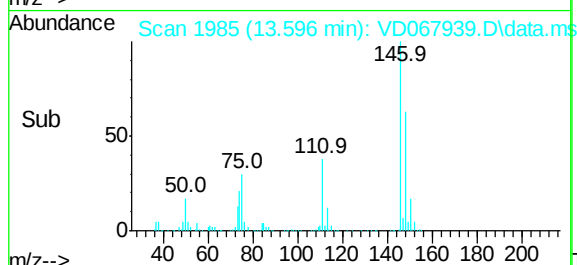
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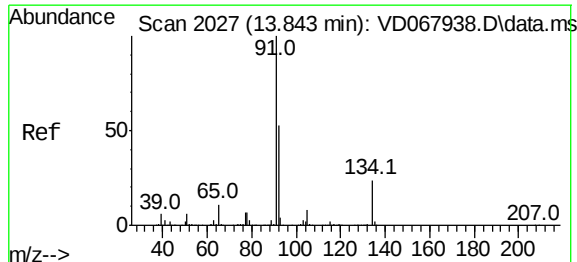


#868 (-)
1,4-Dichlorobenzene
Concen: 97.45 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion:146 Resp: 802186
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.4 31.9 95.9





#9017 (-)
n-Butylbenzene
Concen: 118.46 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

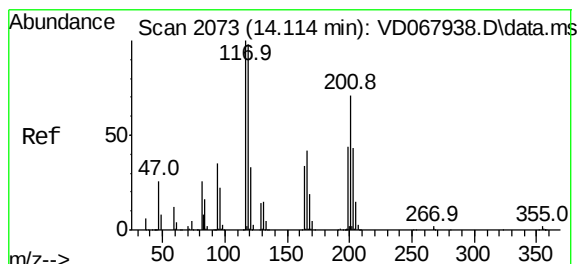
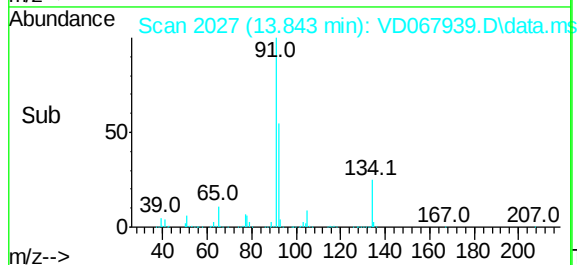
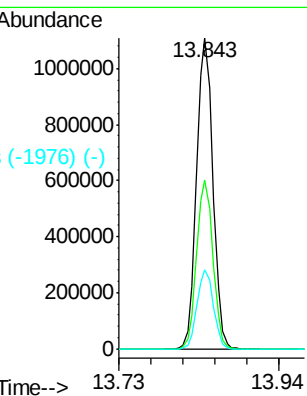
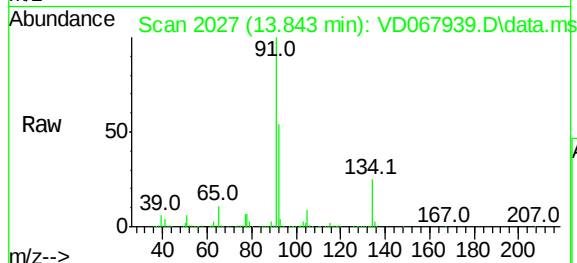
Tgt Ion: 91 Resp: 1659362

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	25.4	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
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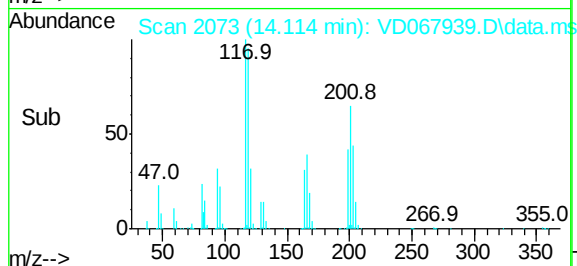
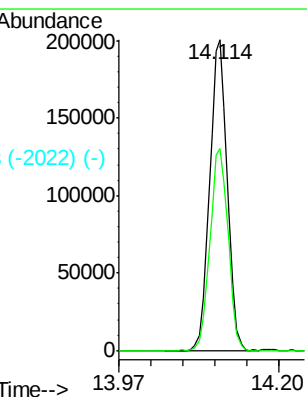
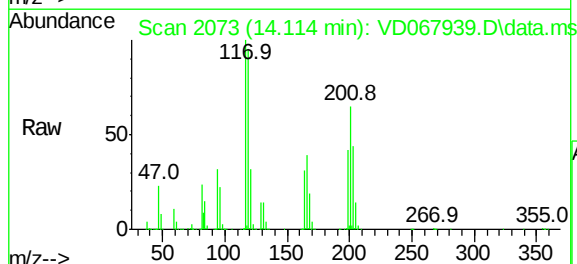
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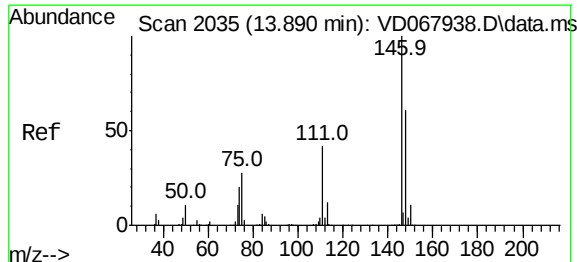


#9064 (-)
Hexachloroethane
Concen: 110.35 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion: 117 Resp: 341163

Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.3	102.8





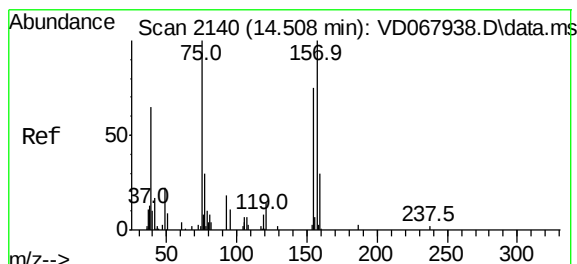
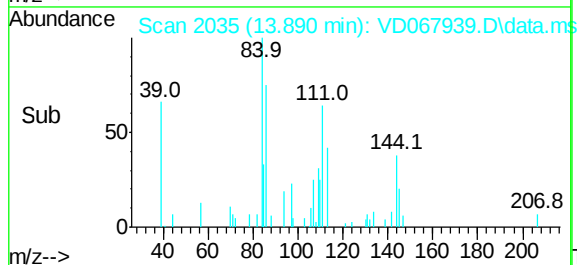
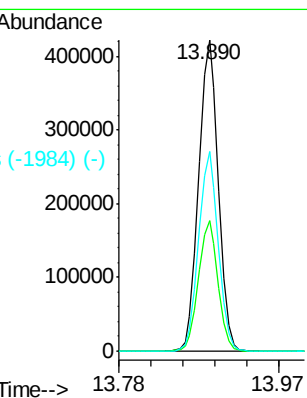
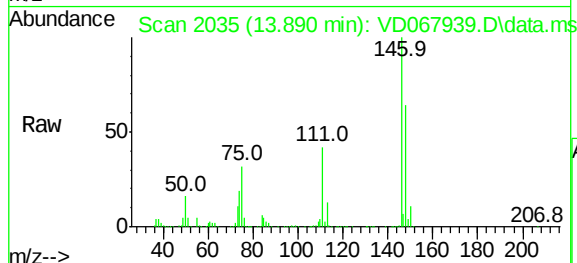
#9126 (-)
1,2-Dichlorobenzene
Concen: 97.88 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 695540
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.5
148 63.9 31.6 95.0

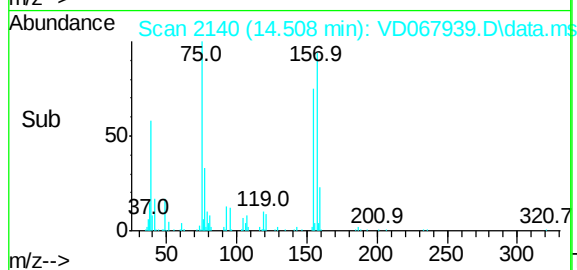
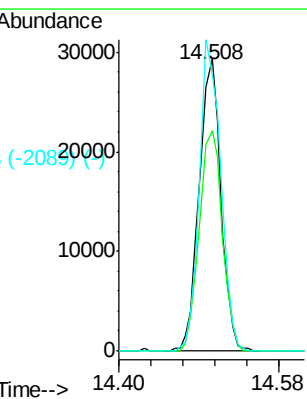
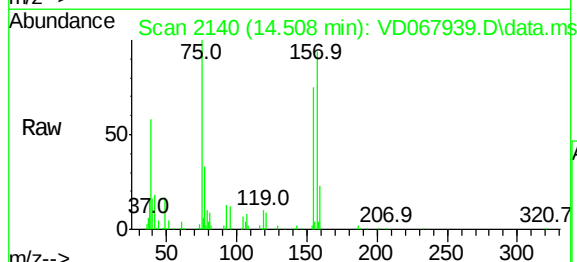
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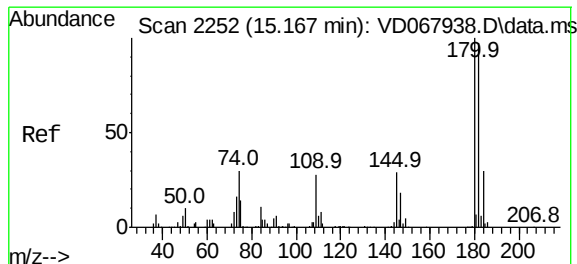
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#9131 (-)
1,2-Dibromo-3-Chloropropane
Concen: 102.38 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

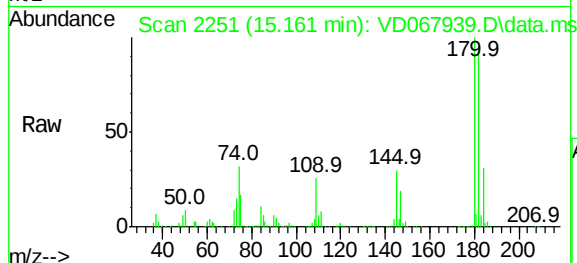
Tgt Ion: 75 Resp: 48302
Ion Ratio Lower Upper
75 100
155 80.0 39.8 119.3
157 104.2 50.6 151.9





#9342 (-)
1,2,4-Trichlorobenzene
Concen: 89.22 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

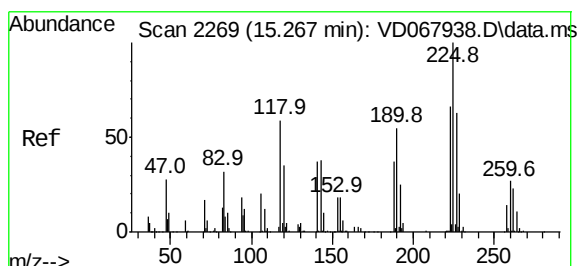
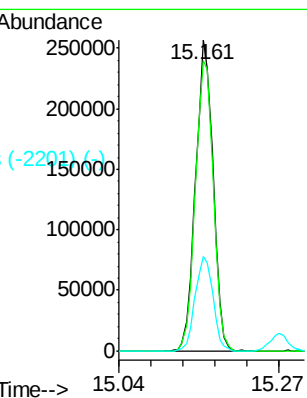
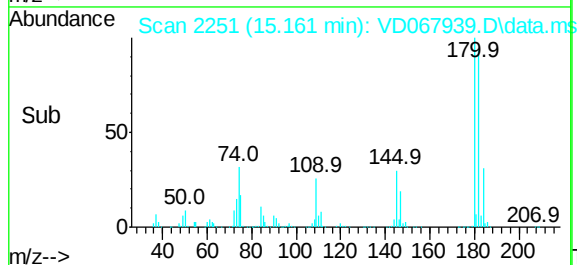
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



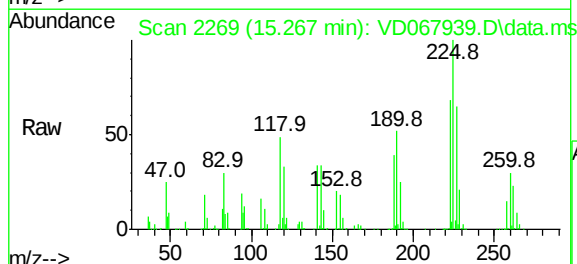
Tgt Ion:180 Resp: 429276
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 31.1 15.8 47.3

Manual Integrations
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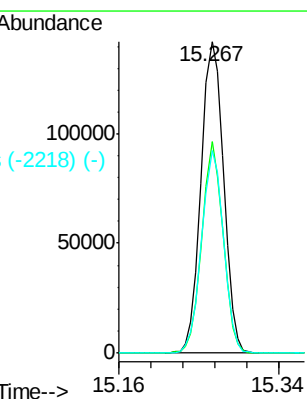
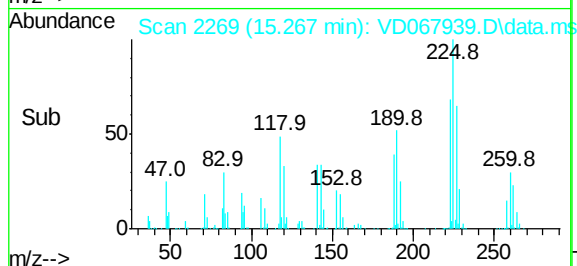
MMDadoda
12/23/2020 3:24:56 PM

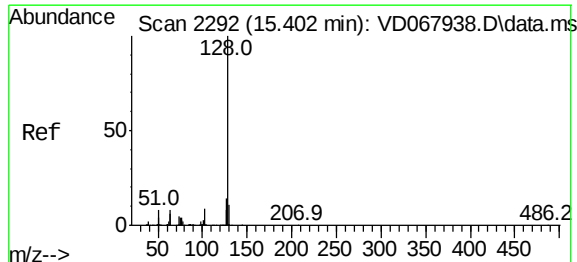


#9340 (-)
Hexachlorobutadiene
Concen: 79.23 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38



Tgt Ion:225 Resp: 244926
Ion Ratio Lower Upper
225 100
223 63.4 33.4 100.2
227 63.2 31.7 95.1





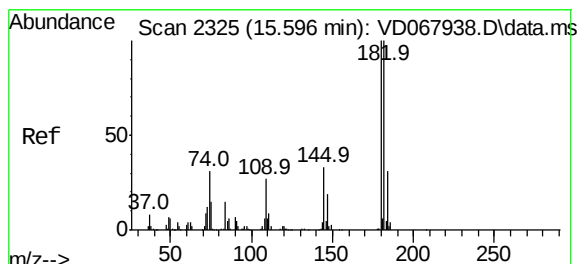
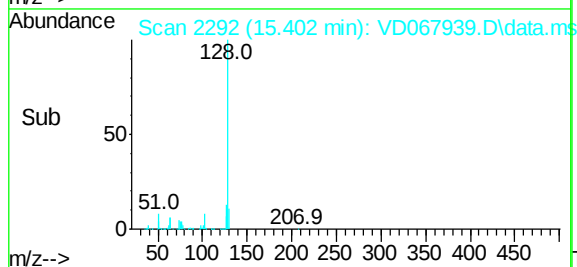
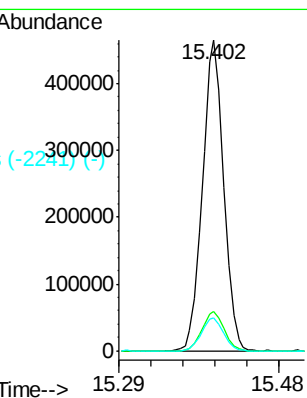
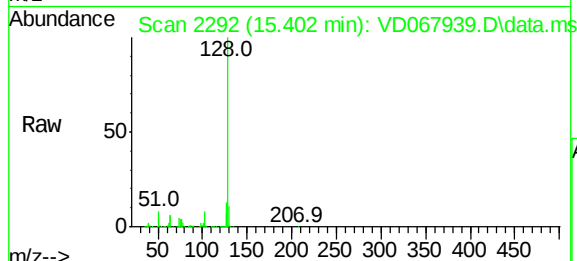
#953 (-)
Naphthalene
Concen: 103.99 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:	128	Resp:	823010
Ion Ratio	Lower	Upper	
128	100		
127	13.1	11.2	16.8
129	10.9	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:24:56 PM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 89.53 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067939.D
Acq: 22 Dec 2020 17:38

Tgt Ion:	180	Resp:	371210
Ion Ratio	Lower	Upper	
180	100		
182	96.6	50.2	150.6
145	33.6	17.0	51.0

