

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122220\
 Data File : VD067935.D
 Acq On : 22 Dec 2020 15:51
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 12/23/2020 3:24:49 PM

Quant Time: Dec 23 07:07:48 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	7.985	168	289407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	509966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	452551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	209755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.338	65	16466	5.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.80%#
35) Dibromofluoromethane	7.920	113	15510	4.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.32%#
50) Toluene-d8	10.344	98	57630	4.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.58%#
62) 4-Bromofluorobenzene	12.638	95	20165	4.85	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.70%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	17209	6.69	ug/l	97
3) Chloromethane	2.209	50	23780	13.02	ug/l	97
4) Vinyl Chloride	2.350	62	21025	9.92	ug/l	93
5) Bromomethane	2.767	94	16928	9.55	ug/l #	80
6) Chloroethane	2.926	64	13442	10.00	ug/l #	86
7) Trichlorofluoromethane	3.273	101	32032	5.75	ug/l	96
8) Diethyl Ether	3.703	74	7992	6.80	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	19101	7.20	ug/l #	91
10) Methyl Iodide	4.303	142	10222	3.68	ug/l #	95
11) Tert butyl alcohol	5.185	59	12179	49.99	ug/l #	79
12) 1,1-Dichloroethene	4.073	96	16645	6.63	ug/l	96
13) Acrolein	3.926	56	6035	44.82	ug/l	96
14) Allyl chloride	4.709	41	27410	9.92	ug/l	94
15) Acrylonitrile	5.420	53	20349	46.96	ug/l	96
16) Acetone	4.156	43	17730	44.23	ug/l	90
17) Carbon Disulfide	4.409	76	58217	7.87	ug/l	97
18) Methyl Acetate	4.714	43	9627	10.31	ug/l #	86
19) Methyl tert-butyl Ether	5.479	73	32383	6.08	ug/l	95
20) Methylene Chloride	4.967	84	37326	11.88	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	19690	6.79	ug/l	88
22) Diisopropyl ether	6.367	45	52340	9.39	ug/l #	89
23) Vinyl Acetate	6.303	43	123989m	41.21	ug/l	
24) 1,1-Dichloroethane	6.267	63	37423	8.64	ug/l #	95
25) 2-Butanone	7.214	43	23248	49.43	ug/l	95
26) 2,2-Dichloropropane	7.208	77	29030	6.11	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	20766	6.61	ug/l	98
28) Bromochloromethane	7.550	49	15011	10.19	ug/l	95
29) Tetrahydrofuran	7.561	42	14994	52.68	ug/l	96
30) Chloroform	7.714	83	34131	6.25	ug/l	99
31) Cyclohexane	7.991	56	37888	10.14	ug/l #	83
32) 1,1,1-Trichloroethane	7.902	97	30651	5.54	ug/l	96
36) 1,1-Dichloropropene	8.114	75	27874	6.13	ug/l	98
37) Ethyl Acetate	7.297	43	10053	7.49	ug/l #	81
38) Carbon Tetrachloride	8.102	117	28913	4.52	ug/l	90
39) Methylcyclohexane	9.355	83	31237	5.87	ug/l	93
40) Benzene	8.355	78	78549	6.22	ug/l	100
41) Methacrylonitrile	7.520	41	4870	7.04	ug/l #	67

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 Quant Title : Sw846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	22795	5.39	ug/l	98
43) Isopropyl Acetate	8.455	43	19335	7.47	ug/l	95
44) Trichloroethene	9.120	130	19890	4.86	ug/l	85
45) 1,2-Dichloropropane	9.397	63	19785	7.30	ug/l	100
46) Dibromomethane	9.473	93	10093	5.81	ug/l	98
47) Bromodichloromethane	9.661	83	27133	5.47	ug/l #	96
48) Methyl methacrylate	9.461	41	9726	7.31	ug/l #	92
49) 1,4-Dioxane	9.467	88	2372	119.29	ug/l #	82
51) 4-Methyl-2-Pentanone	10.232	43	50664	40.32	ug/l	95
52) Toluene	10.408	92	47139	5.47	ug/l	94
53) t-1,3-Dichloropropene	10.626	75	22990	5.35	ug/l #	79
54) cis-1,3-Dichloropropene	10.091	75	29122	6.09	ug/l	95
55) 1,1,2-Trichloroethane	10.802	97	14348	5.96	ug/l	94
56) Ethyl methacrylate	10.661	69	13249	5.32	ug/l	91
57) 1,3-Dichloropropane	10.949	76	23992	6.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	36207	31.14	ug/l	99
59) 2-Hexanone	10.985	43	31846	36.83	ug/l	91
60) Dibromochloromethane	11.143	129	16558	4.72	ug/l	100
61) 1,2-Dibromoethane	11.243	107	13104	5.56	ug/l	98
64) Tetrachloroethene	10.879	164	18121	5.04	ug/l #	88
65) Chlorobenzene	11.673	112	49094	5.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.749	131	18661	4.99	ug/l	98
67) Ethyl Benzene	11.743	91	83343	5.18	ug/l	99
68) m/p-Xylenes	11.855	106	61729	9.78	ug/l	100
69) o-Xylene	12.179	106	26249	4.69	ug/l	97
70) Styrene	12.196	104	45179	4.64	ug/l	97
71) Bromoform	12.367	173	9491	4.87	ug/l #	87
73) Isopropylbenzene	12.479	105	71759	4.96	ug/l	99
74) N-ethyl acetate	12.290	43	16938	8.30	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	14986	7.39	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	10041m	6.39	ug/l	
77) Bromobenzene	12.761	156	16698	4.70	ug/l	92
78) n-propylbenzene	12.820	91	92643	5.66	ug/l	98
79) 2-Chlorotoluene	12.908	91	52317	5.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	58901	4.73	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	3826	5.74	ug/l	91
82) 4-Chlorotoluene	13.008	91	55691	5.47	ug/l	98
83) tert-Butylbenzene	13.226	119	48613	4.64	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	56361	4.55	ug/l	99
85) sec-Butylbenzene	13.402	105	72215	5.06	ug/l	99
86) p-Isopropyltoluene	13.514	119	62969	4.58	ug/l	97
87) 1,3-Dichlorobenzene	13.514	146	36890	5.34	ug/l	97
88) 1,4-Dichlorobenzene	13.596	146	35454	5.14	ug/l	90
89) n-Butylbenzene	13.843	91	65136	5.55	ug/l	98
90) Hexachloroethane	14.114	117	13677	5.28	ug/l	97
91) 1,2-Dichlorobenzene	13.890	146	29545	4.96	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.514	75	2820	7.13	ug/l	88
93) 1,2,4-Trichlorobenzene	15.161	180	16648	4.13	ug/l	93
94) Hexachlorobutadiene	15.273	225	10577	4.08	ug/l	99
95) Naphthalene	15.402	128	25904	3.91	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	14484	4.17	ug/l	95

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

Instrument :

MSVOA_D

ClientSampleId :

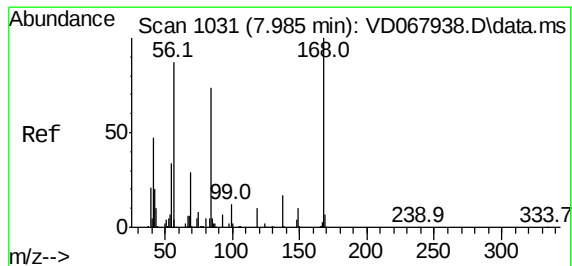
VSTDICC005

Manual Integrations

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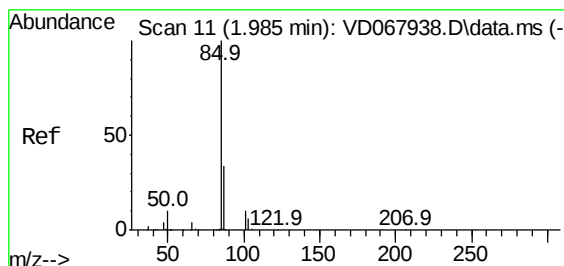
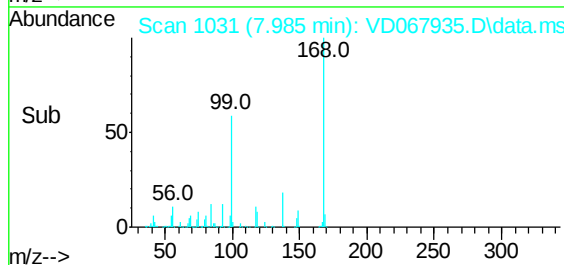
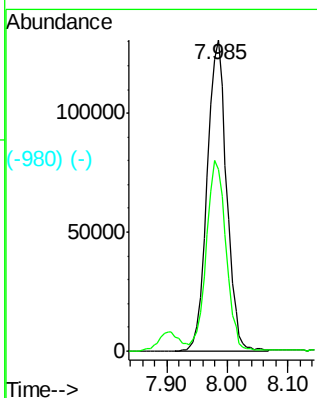
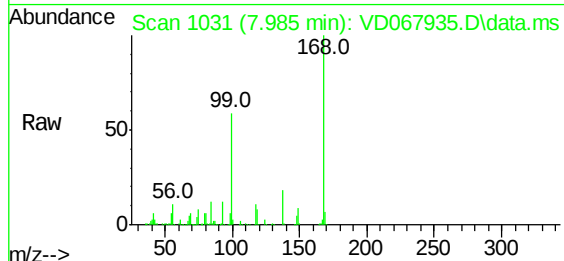
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Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Instrument :
MSVOA_D
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VSTDIC005

Tgt Ion:168 Resp: 289407
Ion Ratio Lower Upper
168 100
99 58.3 48.0 72.0

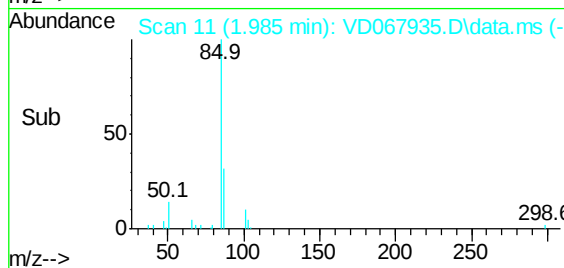
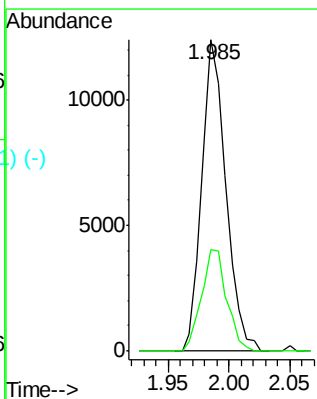
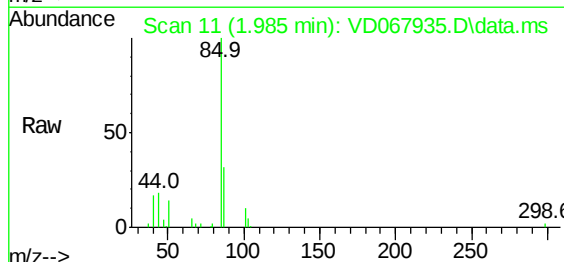
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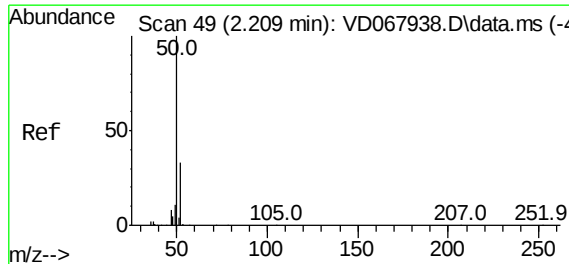
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Dichlorodifluoromethane
Concen: 6.69 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 85 Resp: 17209
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3





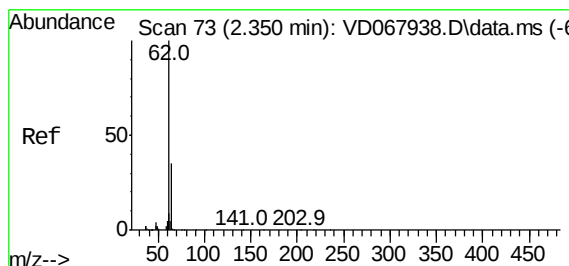
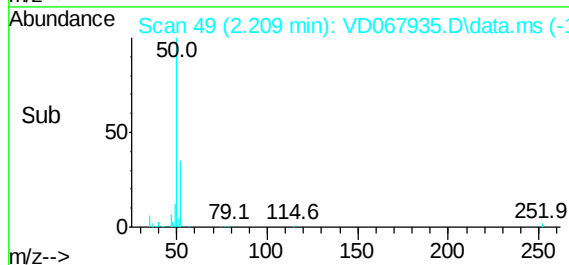
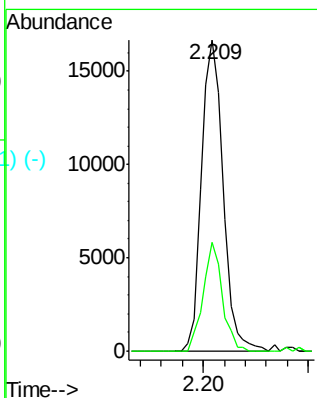
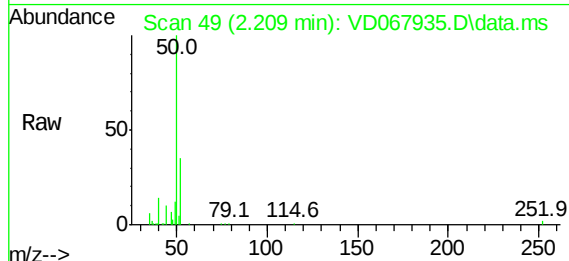
Chloromethane
Concen: 13.02 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 50 Resp: 23780
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

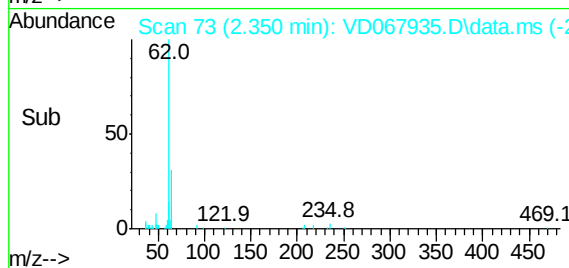
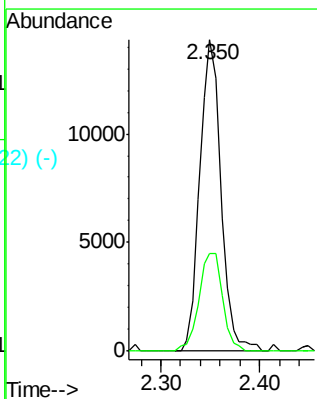
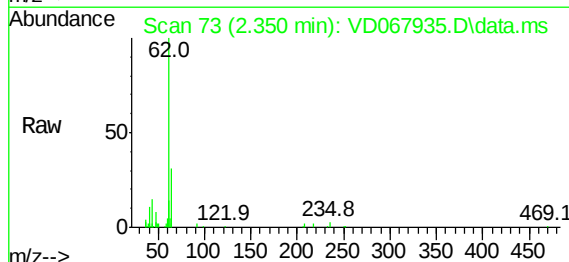
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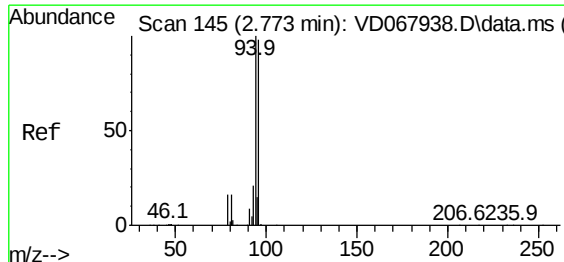
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Vinyl Chloride
Concen: 9.92 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 62 Resp: 21025
Ion Ratio Lower Upper
62 100
64 31.3 28.1 42.1





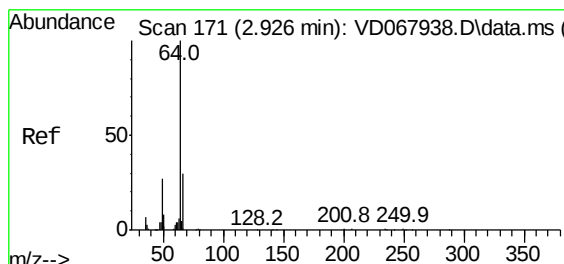
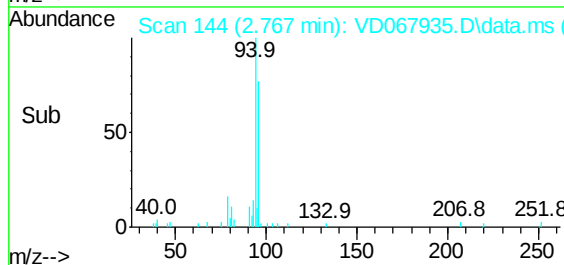
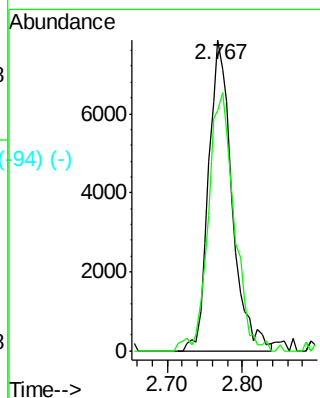
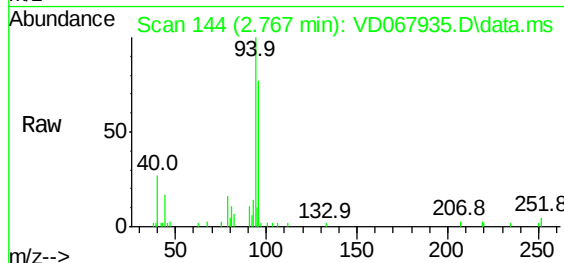
(-155) (-)
 Bromomethane
 Concen: 9.55 ug/l
 RT: 2.767 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 94 Resp: 16928
 Ion Ratio Lower Upper
 94 100
 96 77.4 78.0 117.0#

Instrument :
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 ClientSampleId :
 VSTDIC005

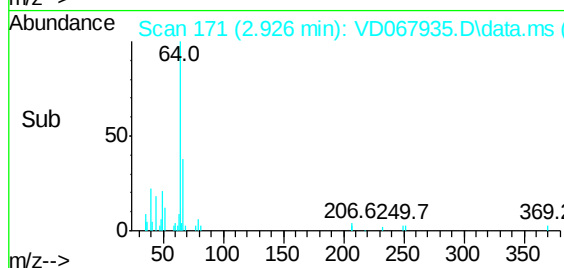
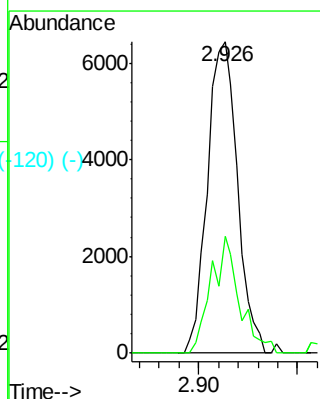
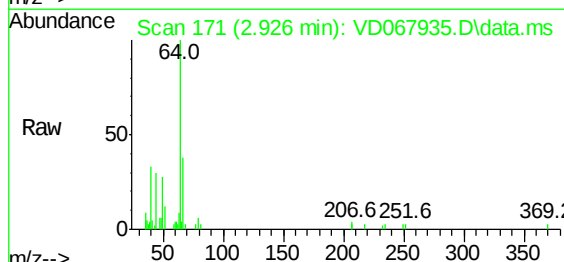
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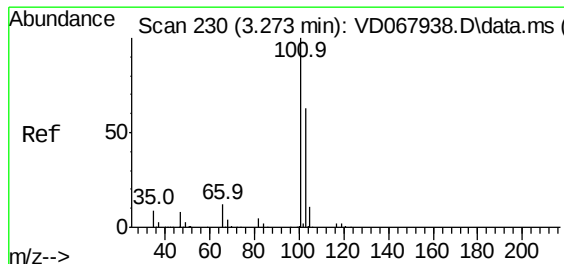
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(-162) (-)
 Chloroethane
 Concen: 10.00 ug/l
 RT: 2.926 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

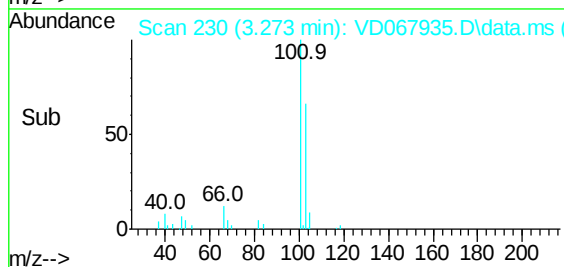
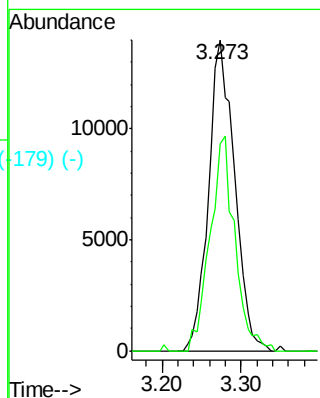
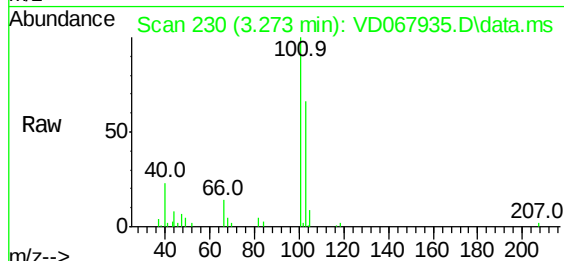
Tgt Ion: 64 Resp: 13442
 Ion Ratio Lower Upper
 64 100
 66 37.5 24.1 36.1#





Trichlorofluoromethane
 Concen: 5.75 ug/l
 RT: 3.273 min Scan# 230
 Delta R.T. 0.000 min
 Lab File: VD067935.D
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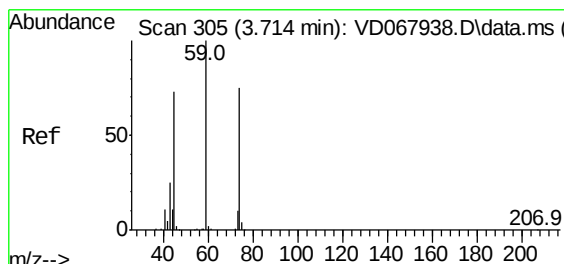
Tgt Ion: 101 Resp: 32032
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.4 75.6



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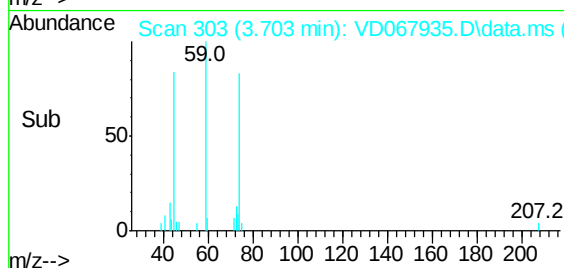
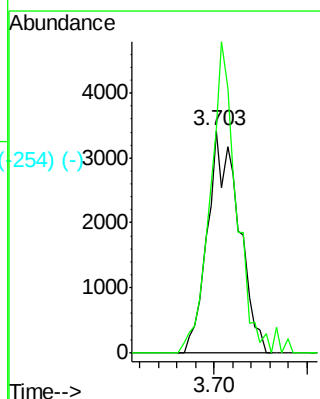
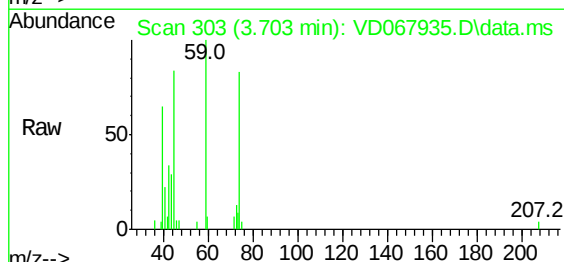
Manual Integrations
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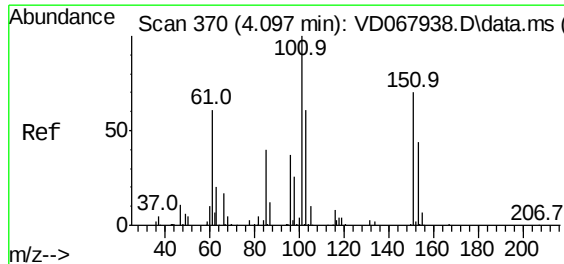
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Diethyl Ether
 Concen: 6.80 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.012 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 74 Resp: 7992
 Ion Ratio Lower Upper
 74 100
 45 115.7 51.8 155.5





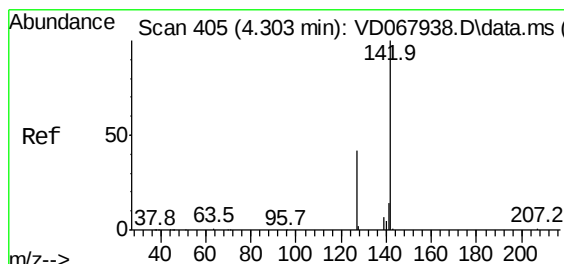
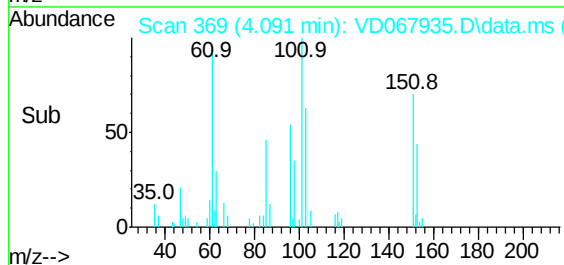
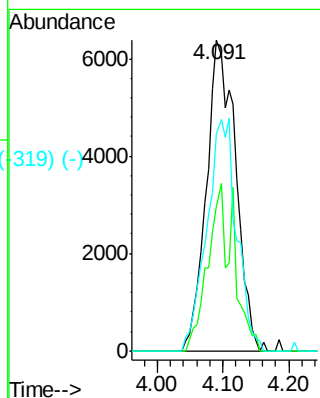
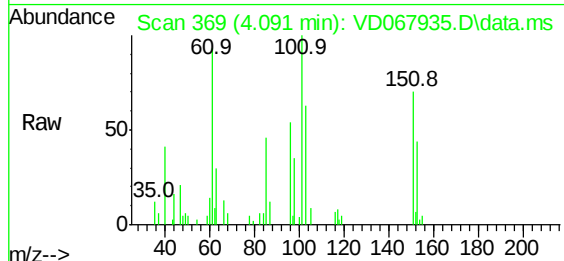
1,1,2-Trichlorotrifluoroethane
Concen: 7.20 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:101 Resp: 19101
Ion Ratio Lower Upper
101 100
85 33.1 34.2 51.2#
151 76.3 57.6 86.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

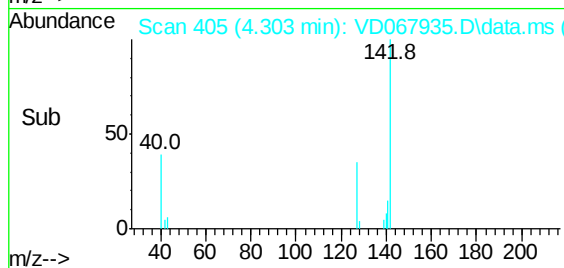
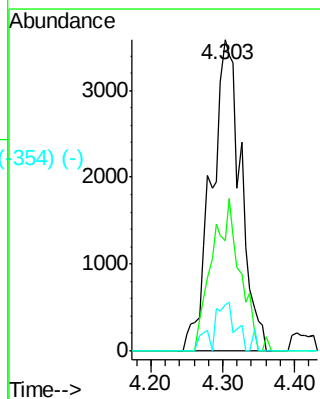
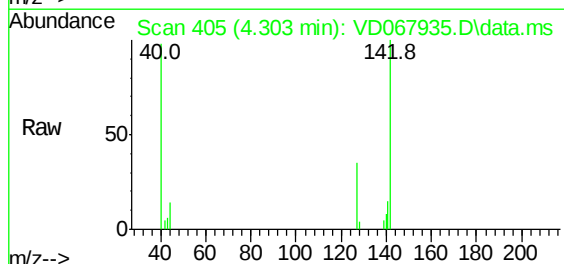
Manual Integrations
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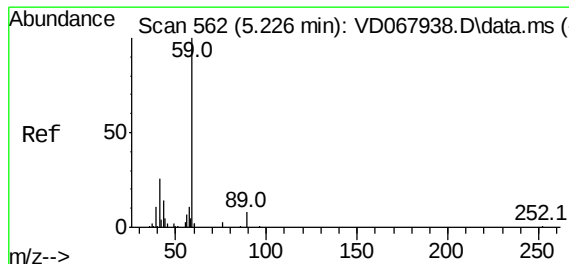
MMDadoda
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Methyl Iodide
Concen: 3.68 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:142 Resp: 10222
Ion Ratio Lower Upper
142 100
127 45.9 34.4 51.6
141 11.6 11.8 17.8#





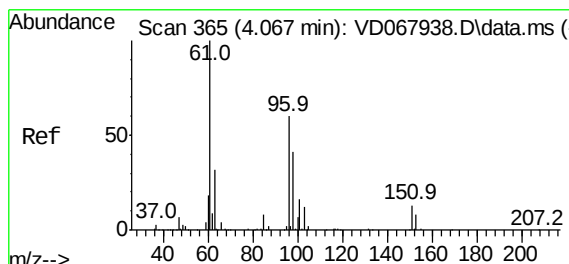
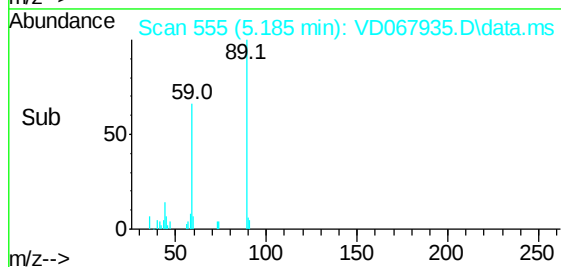
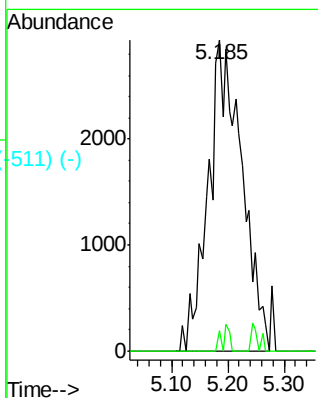
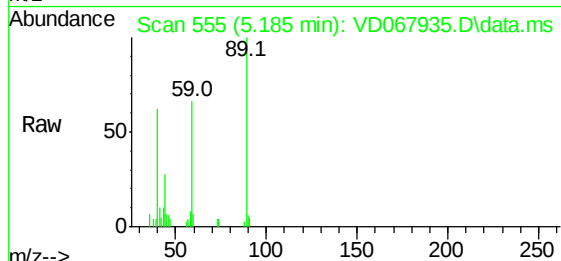
Tert butyl alcohol
Concen: 49.99 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 12179
Ion Ratio Lower Upper
59 100
57 1.8 7.4 11.2#

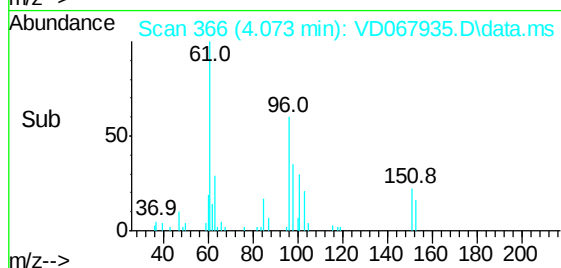
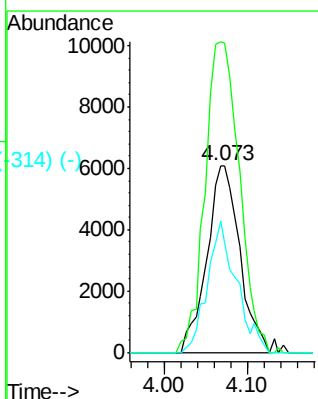
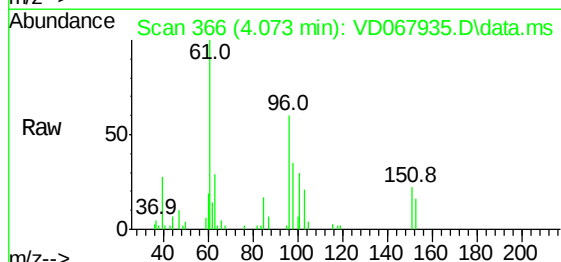
Manual Integrations
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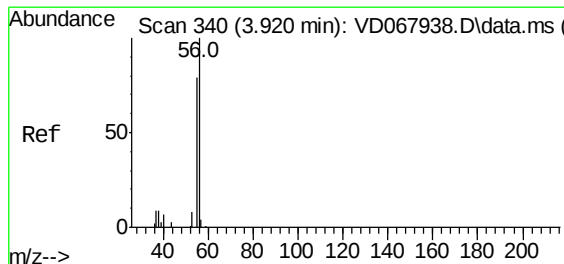
MMDadoda
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1,1-Dichloroethene
Concen: 6.63 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 96 Resp: 16645
Ion Ratio Lower Upper
96 100
61 165.5 133.6 200.4
98 58.5 54.8 82.2





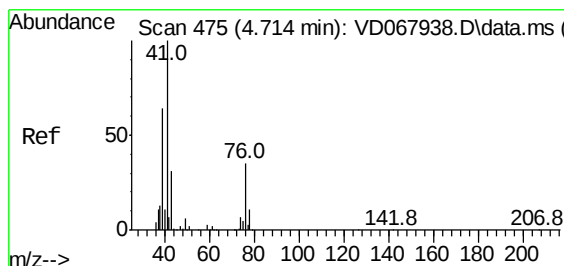
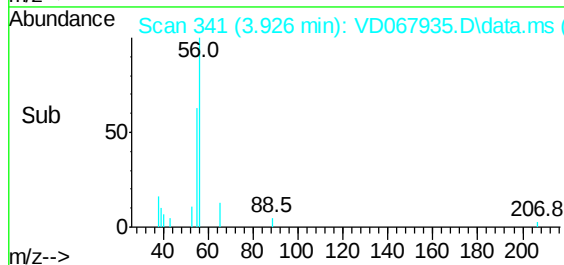
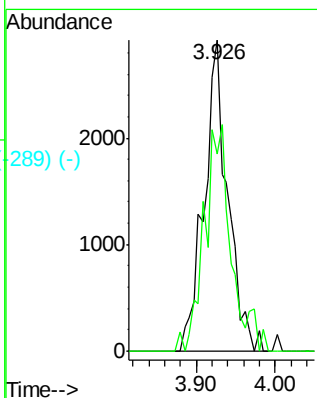
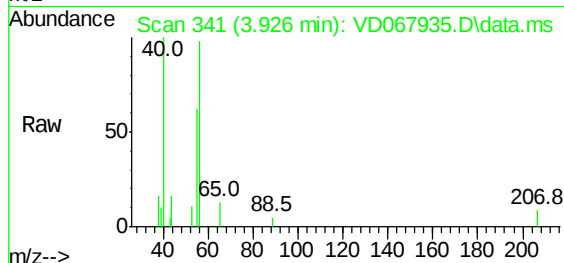
Acrolein
Concen: 44.82 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 56 Resp: 6035
Ion Ratio Lower Upper
56 100
55 76.8 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

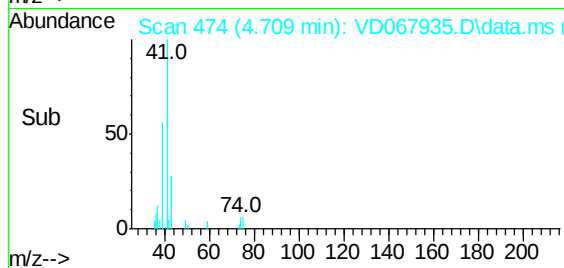
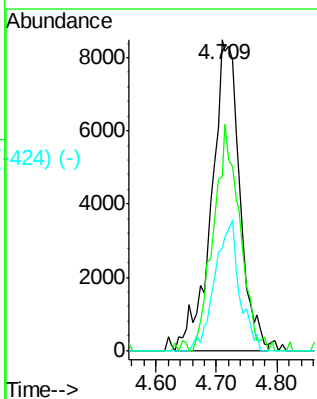
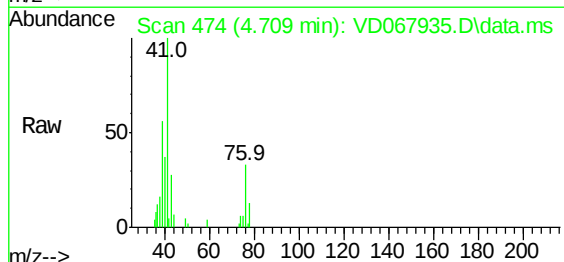
Manual Integrations
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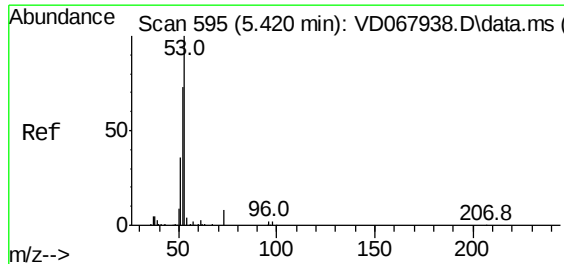
MMDadoda
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Allyl chloride
Concen: 9.92 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 41 Resp: 27410
Ion Ratio Lower Upper
41 100
39 67.6 50.5 75.7
76 36.6 27.0 40.4





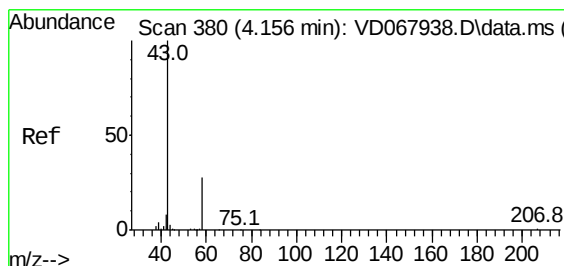
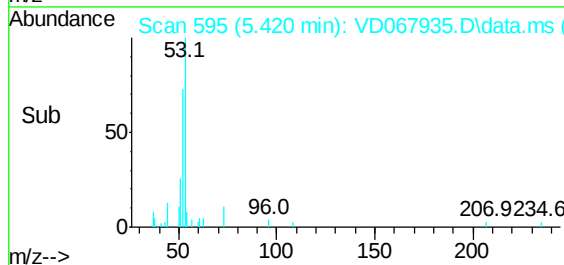
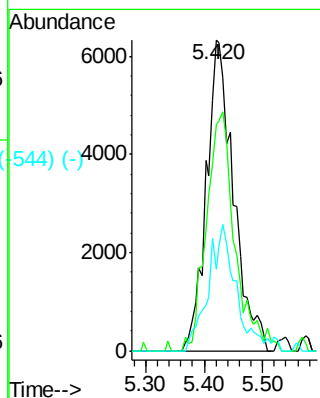
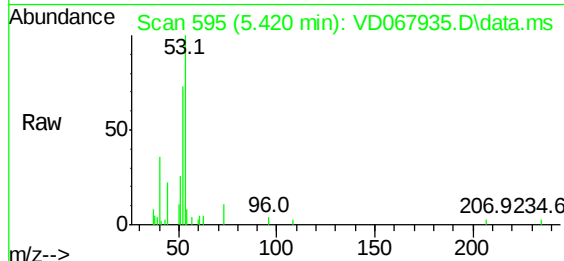
Acrylonitrile
Concen: 46.96 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	53	Resp:	20349
Ion	Ratio	Lower	Upper
53	100		
52	78.6	65.3	97.9
51	40.0	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

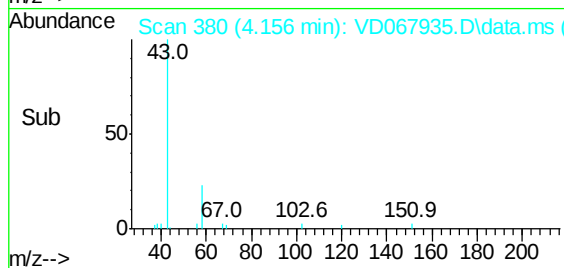
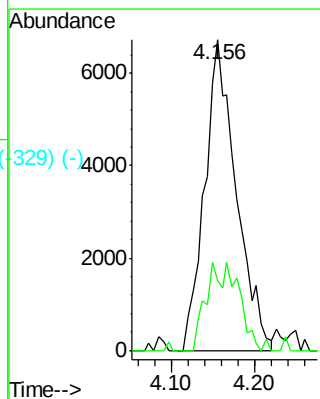
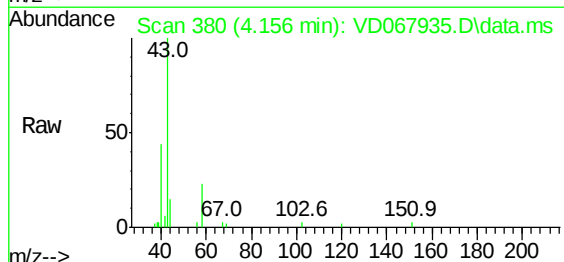
Manual Integrations
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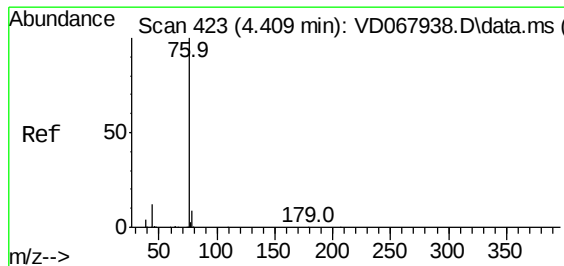
MMDadoda
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Acetone
Concen: 44.23 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	43	Resp:	17730
Ion	Ratio	Lower	Upper
43	100		
58	22.7	22.3	33.5





Carbon Disulfide
Concen: 7.87 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

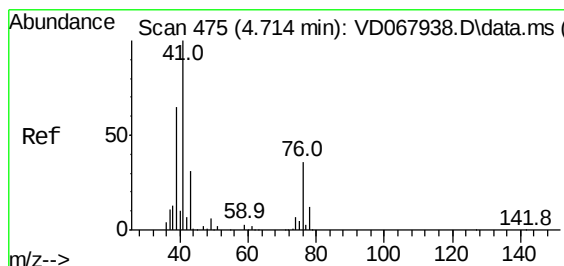
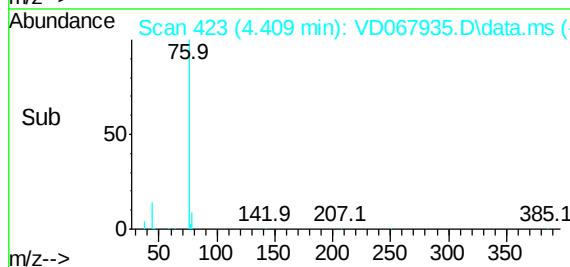
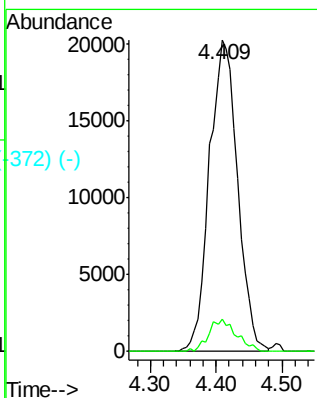
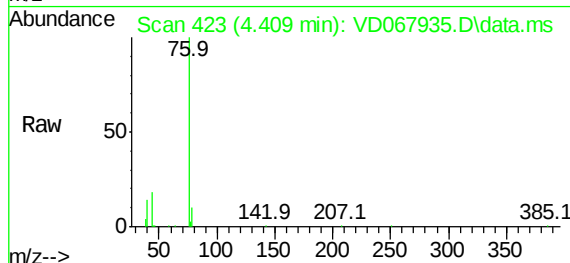
Tgt Ion: 76 Resp: 58217

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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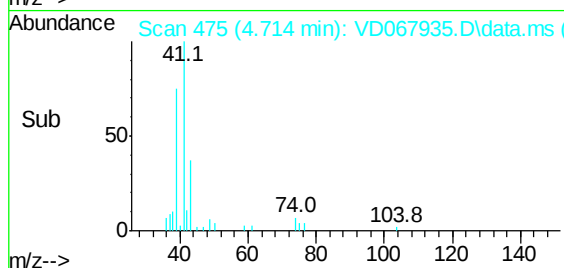
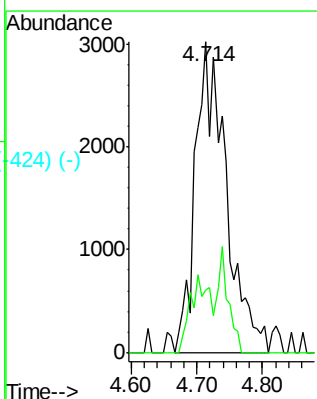
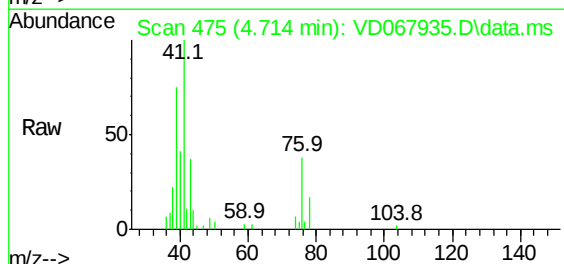
MMDadoda
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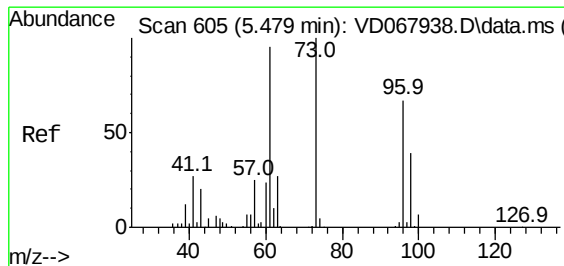


Methyl Acetate
Concen: 10.31 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 9627

Ion	Ratio	Lower	Upper
43	100		
74	16.0	18.2	27.2#





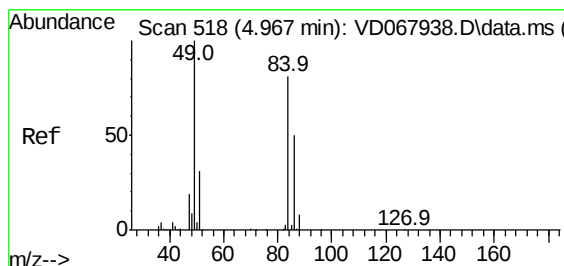
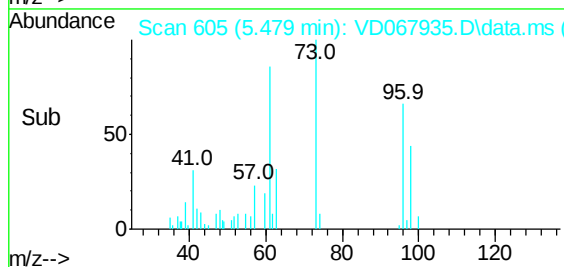
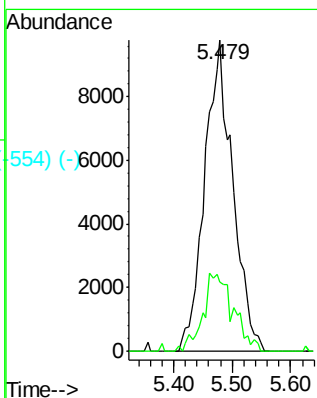
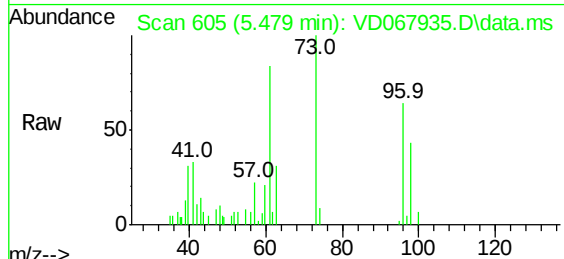
Methyl tert-butyl Ether
 Concen: 6.08 ug/l
 RT: 5.479 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 73 Resp: 32383
 Ion Ratio Lower Upper
 73 100
 57 22.2 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

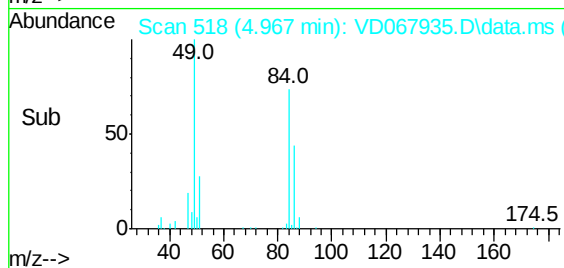
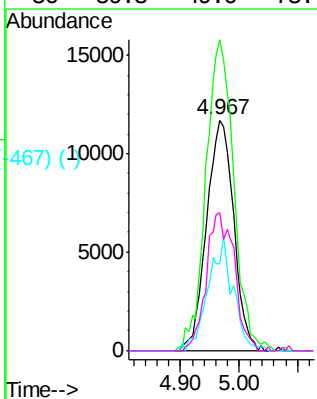
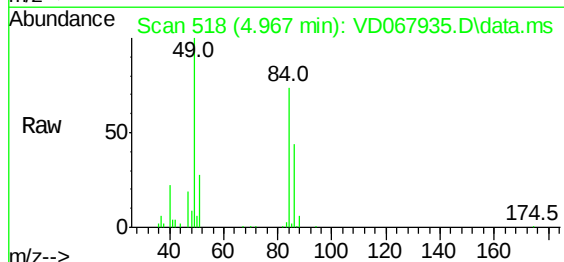
Manual Integrations
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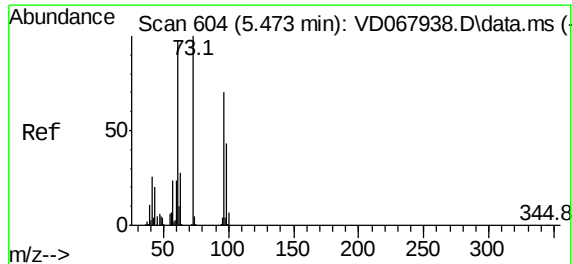
MMDadoda
 12/23/2020 3:24:49 PM



Methylene Chloride
 Concen: 11.88 ug/l
 RT: 4.967 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 84 Resp: 37326
 Ion Ratio Lower Upper
 84 100
 49 134.8 98.3 147.5
 51 37.5 30.3 45.5
 86 59.8 49.0 73.4





trans-1,2-Dichloroethene
Concen: 6.79 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

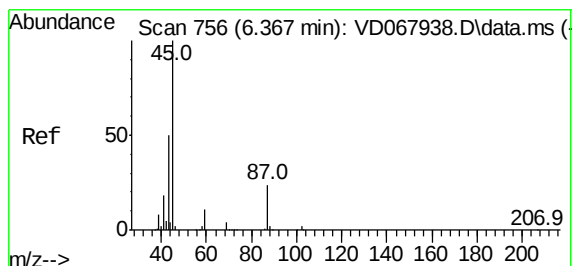
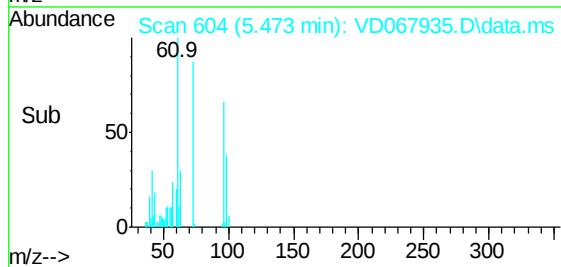
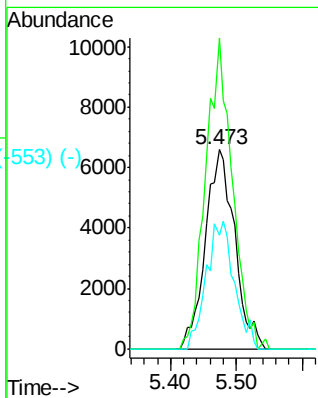
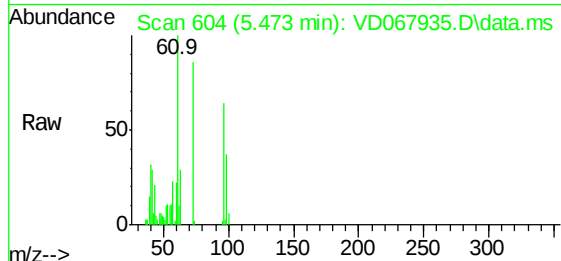
Tgt Ion: 96 Resp: 19690

Ion	Ratio	Lower	Upper
96	100		
61	156.1	109.9	164.9
98	57.0	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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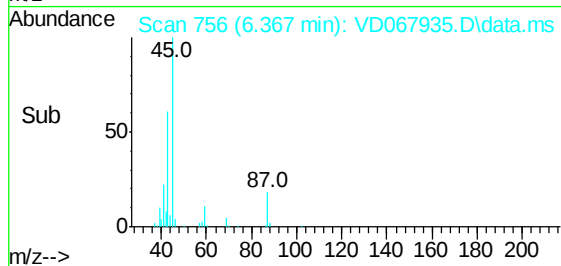
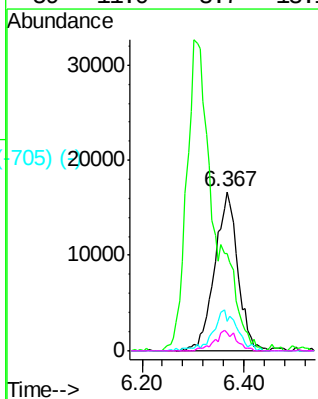
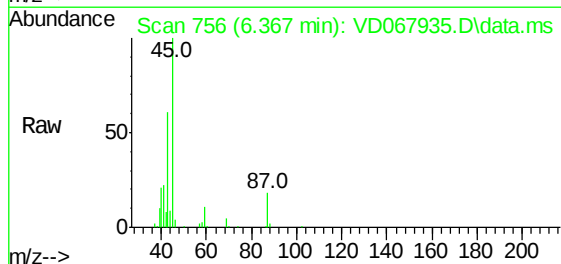
MMDadoda
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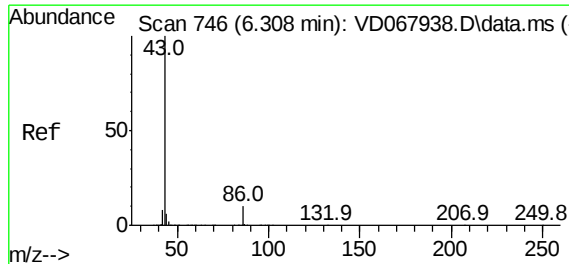


Diisopropyl ether
Concen: 9.39 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 45 Resp: 52340

Ion	Ratio	Lower	Upper
45	100		
43	59.8	40.2	60.4
87	18.1	19.2	28.8#
59	11.0	8.7	13.1



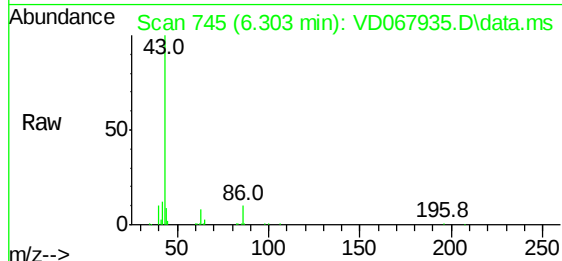


Vinyl Acetate
Concen: 41.21 ug/l m
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

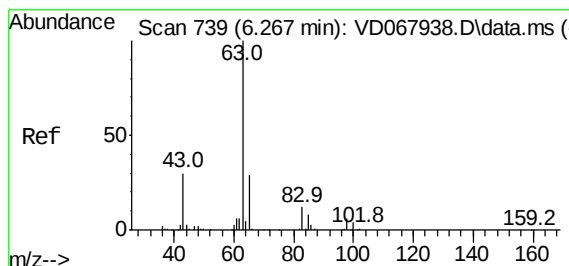
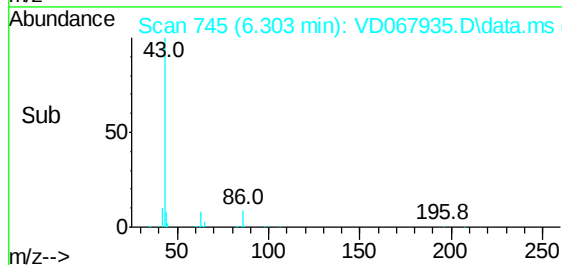
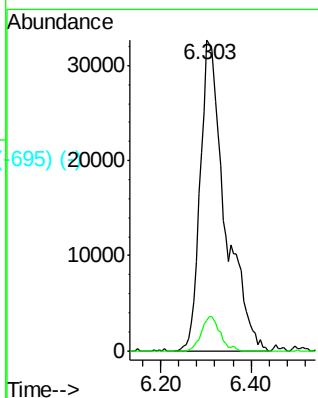
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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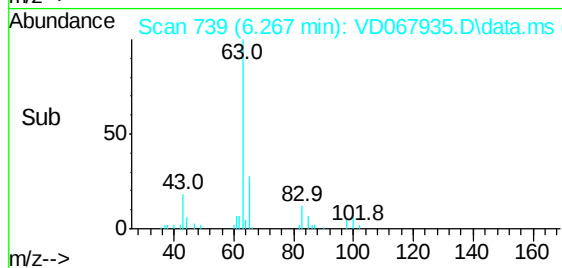
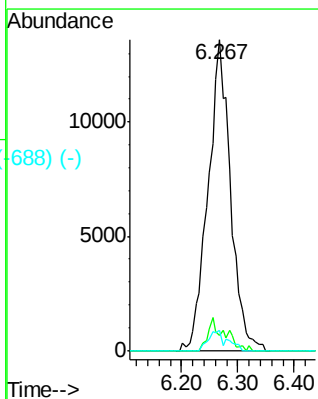
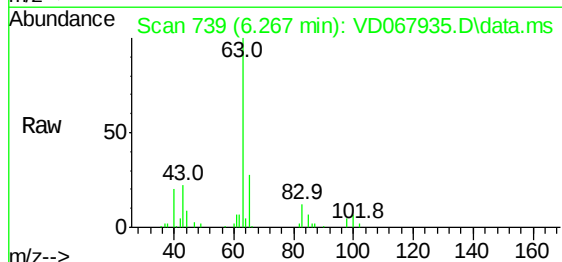


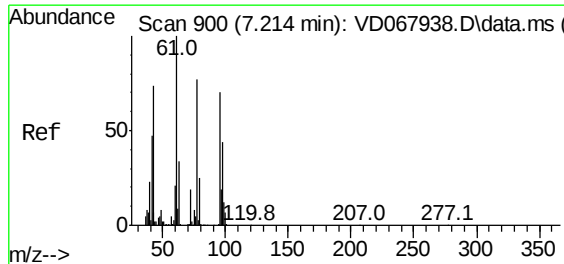
Tgt Ion: 43 Resp: 123989
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9



1,1-Dichloroethane
Concen: 8.64 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 63 Resp: 37423
Ion Ratio Lower Upper
63 100
98 4.8 2.9 8.6
100 6.6 1.9 5.7#





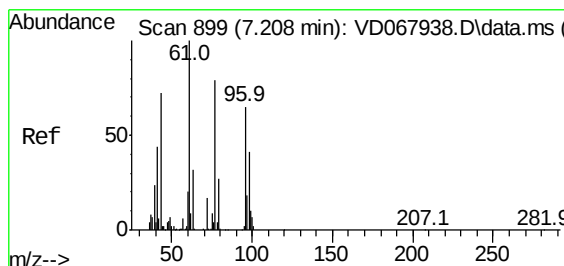
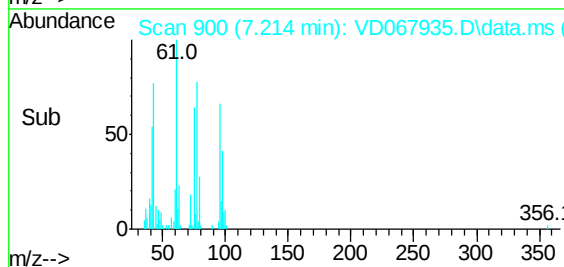
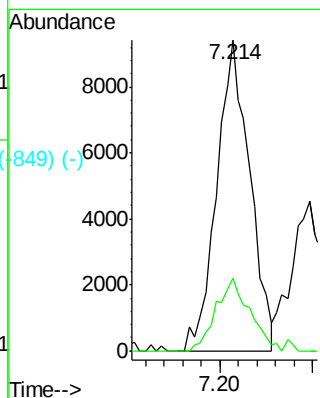
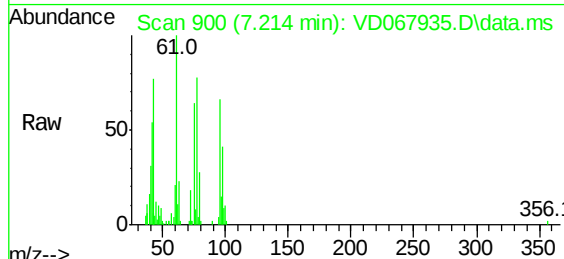
2-Butanone
Concen: 49.43 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 23248
Ion Ratio Lower Upper
43 100
72 23.2 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

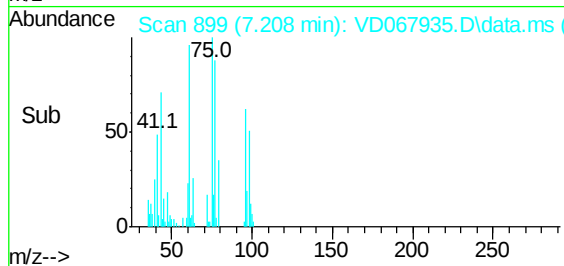
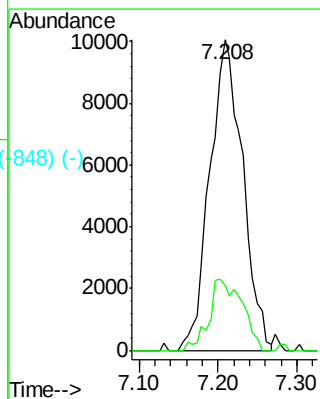
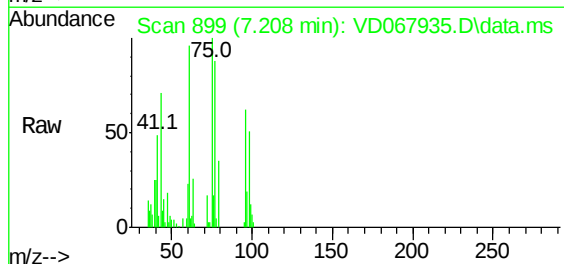
Manual Integrations
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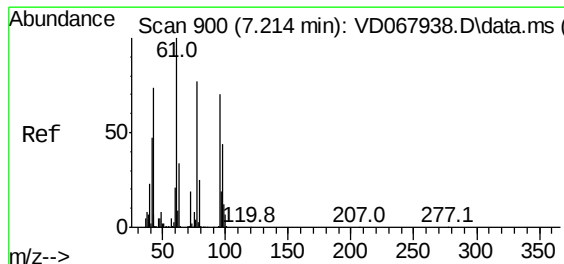
MMDadoda
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2,2-Dichloropropane
Concen: 6.11 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 77 Resp: 29030
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





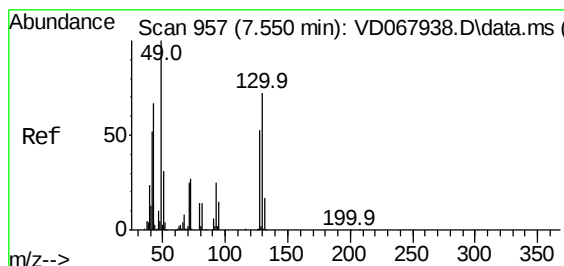
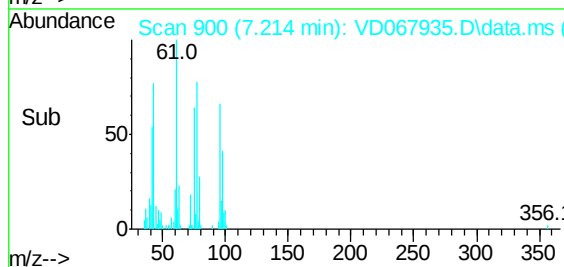
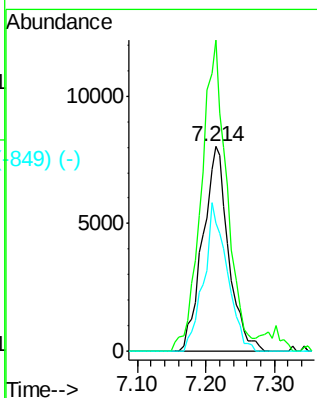
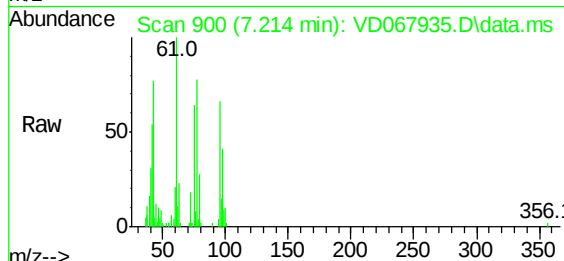
cis-1,2-Dichloroethene
Concen: 6.61 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	96	Resp:	20766
Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	295.4
98	65.5	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

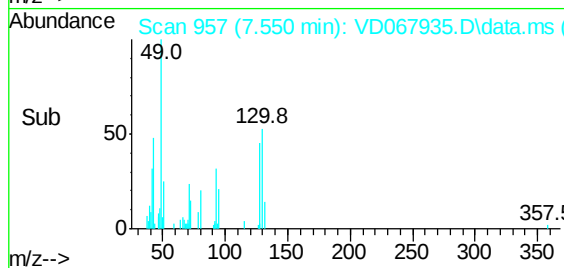
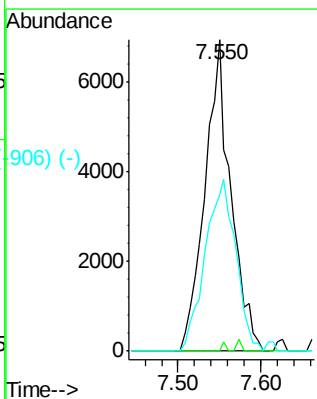
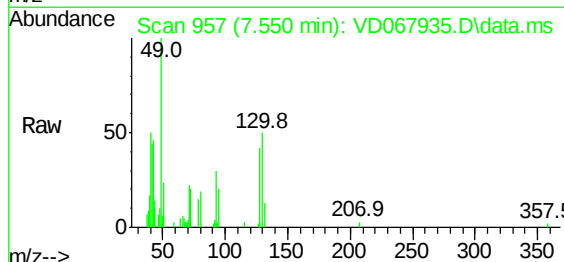
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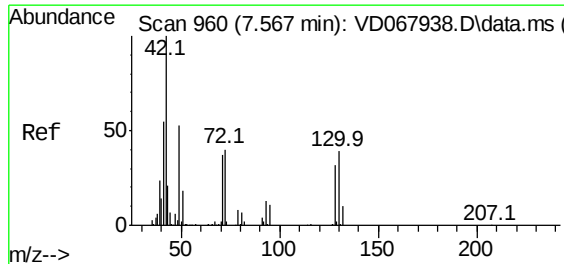
MMDadoda
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Bromochloromethane
Concen: 10.19 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	49	Resp:	15011
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.4
130	64.6	54.8	82.2





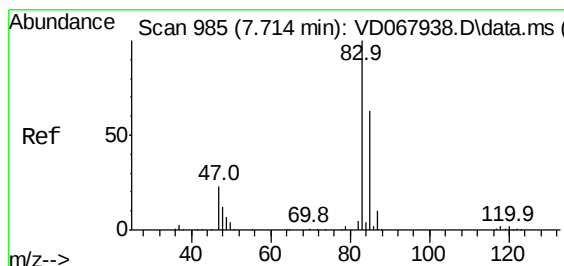
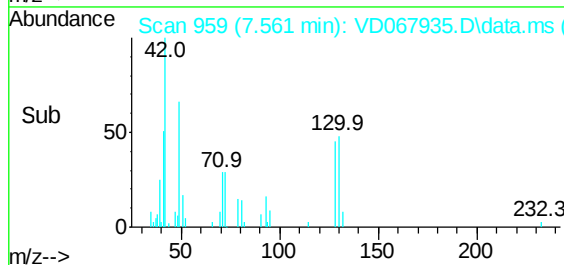
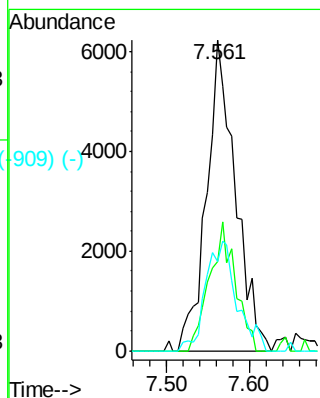
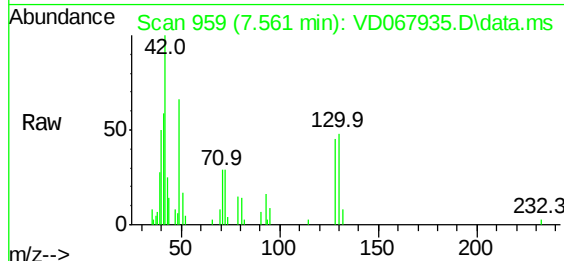
Tetrahydrofuran
Concen: 52.68 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	42	Resp:	14994
Ion	Ratio	Lower	Upper
42	100		
72	37.2	32.9	49.3
71	38.3	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

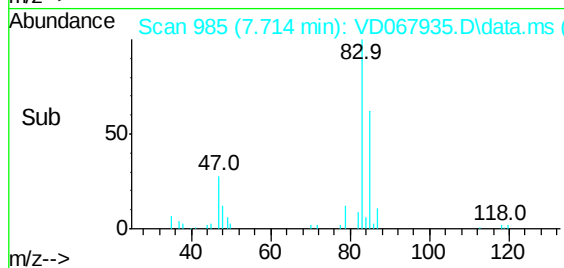
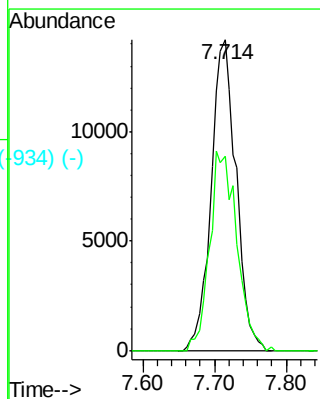
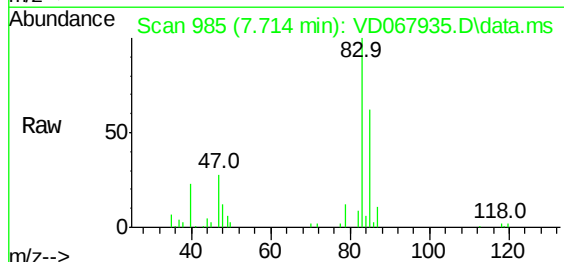
Manual Integrations
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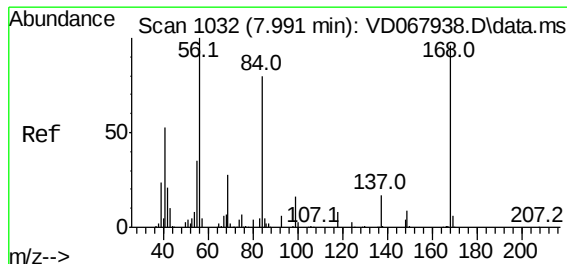
MMDadoda
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Chloroform
Concen: 6.25 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

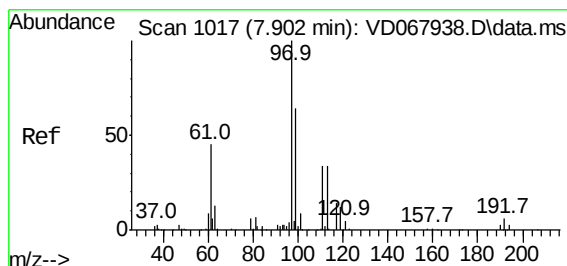
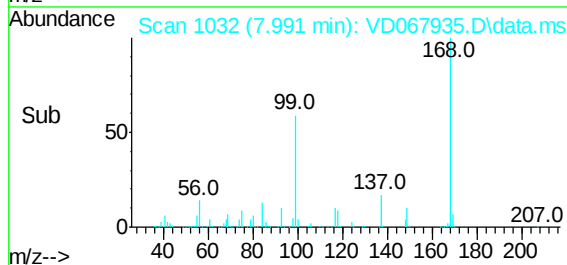
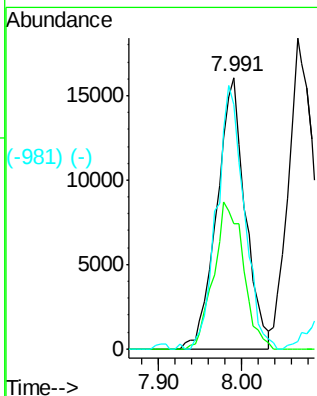
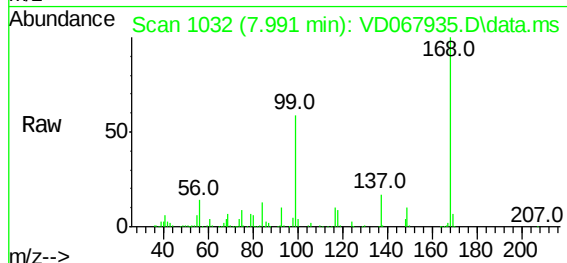
Tgt Ion:	83	Resp:	34131
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.5	75.7





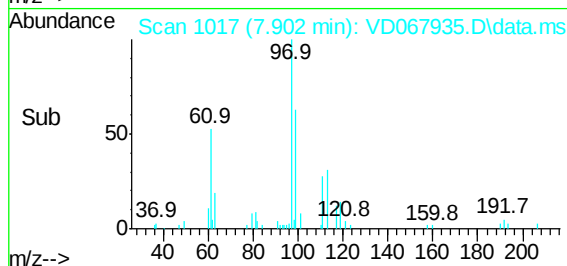
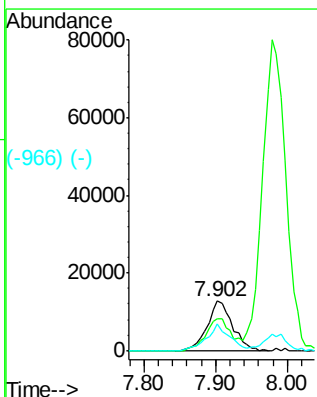
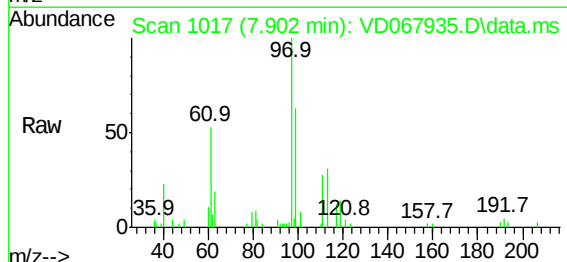
#1020 (-)
Cyclohexane
Concen: 10.14 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 56 Resp: 37888
Ion Ratio Lower Upper
56 100
69 46.2 22.7 34.1#
84 89.8 64.2 96.4



#1006 (-)
1,1,1-Trichloroethane
Concen: 5.54 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

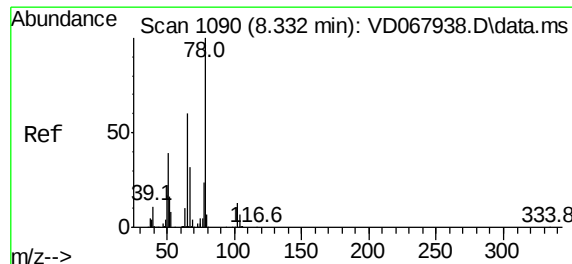
Tgt Ion: 97 Resp: 30651
Ion Ratio Lower Upper
97 100
99 66.8 51.0 76.6
61 46.8 35.8 53.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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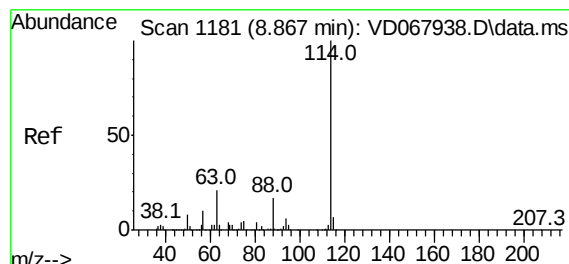
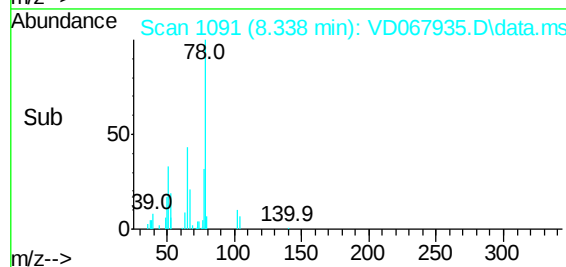
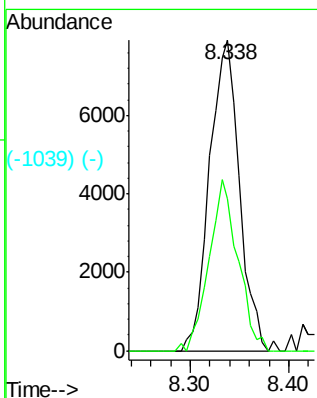
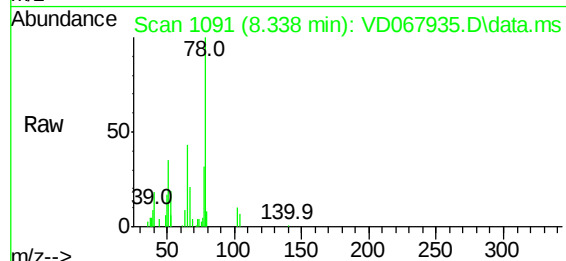
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 5.40 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 65 Resp: 16466
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

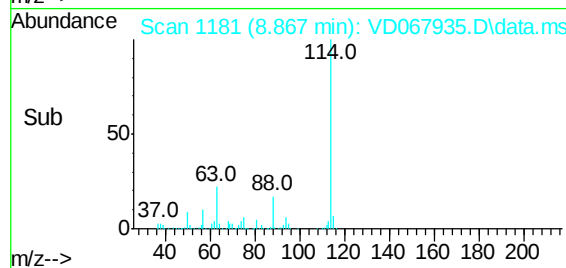
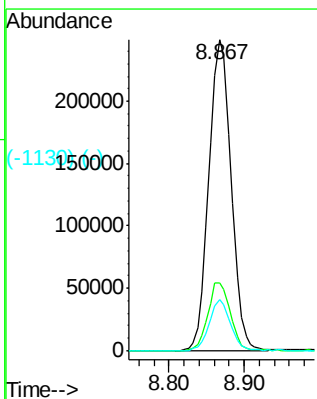
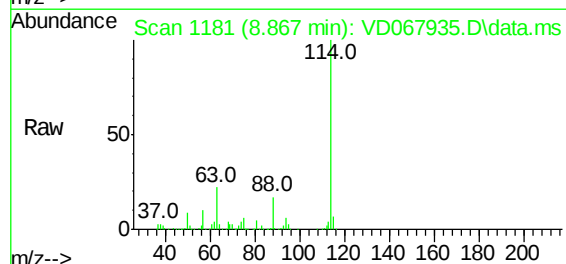
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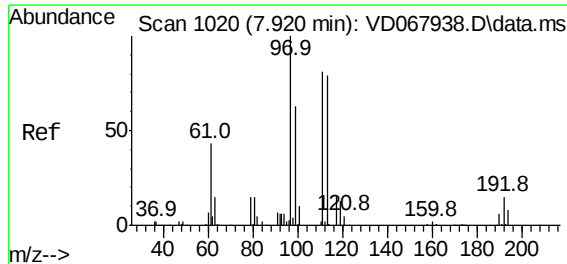
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(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion:114 Resp: 509966
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 16.6 0.0 33.2





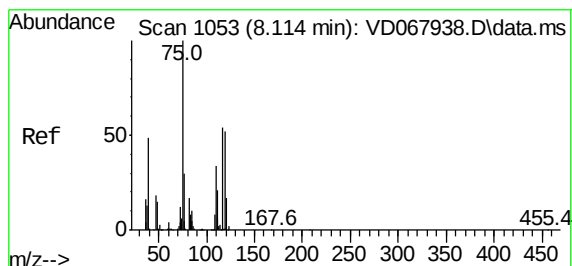
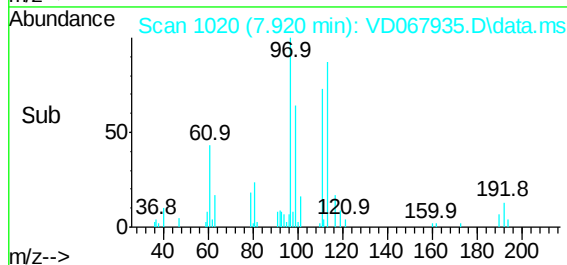
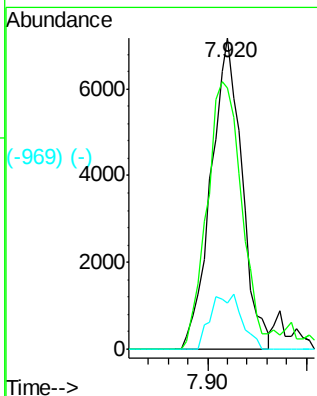
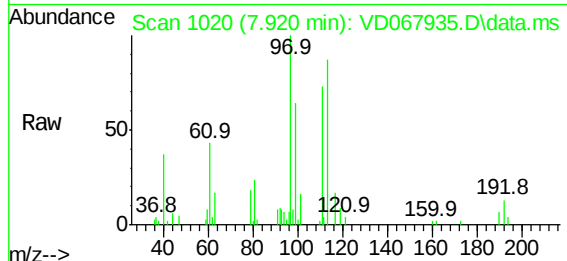
#659 (-)
Dibromofluoromethane
Concen: 4.66 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 113 Resp: 15510
Ion Ratio Lower Upper
113 100
111 96.0 79.3 118.9
192 17.6 14.5 21.7

Instrument :
MSVOA_D
ClientSampleId :
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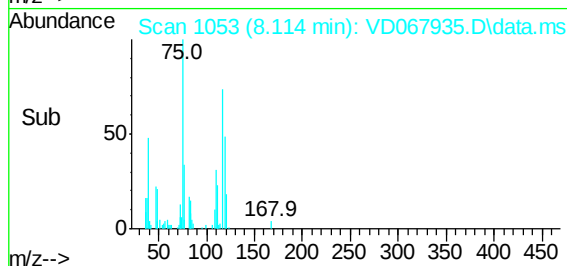
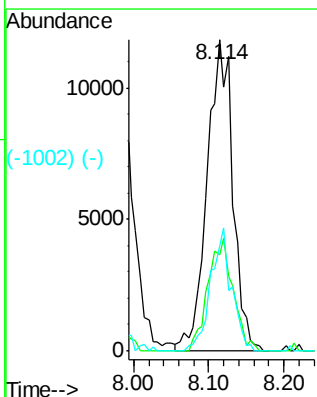
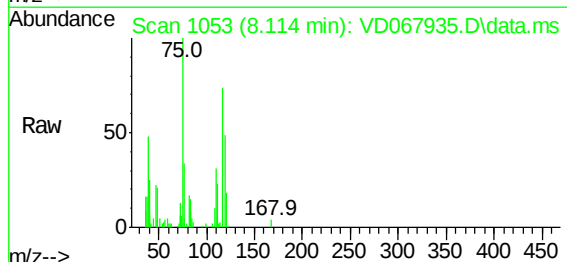
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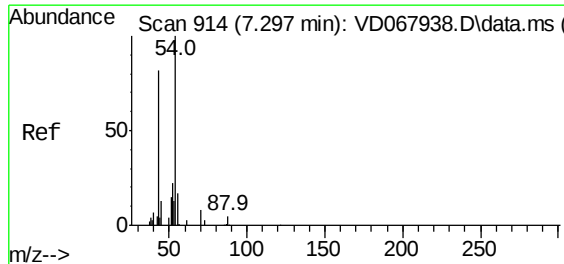
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#660 (-)
1,1-Dichloropropene
Concen: 6.13 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 75 Resp: 27874
Ion Ratio Lower Upper
75 100
110 35.1 17.0 51.0
77 31.8 24.6 37.0





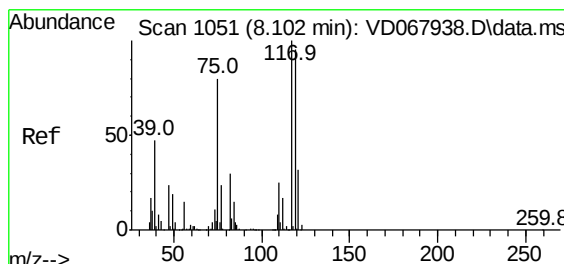
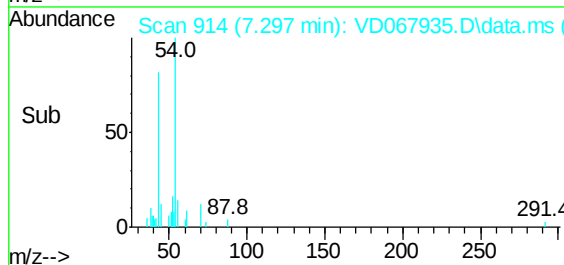
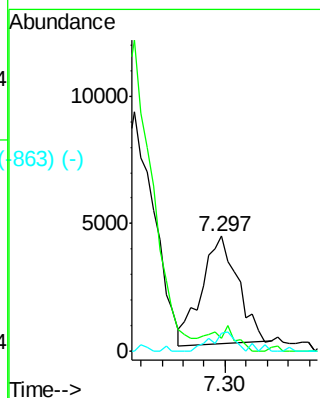
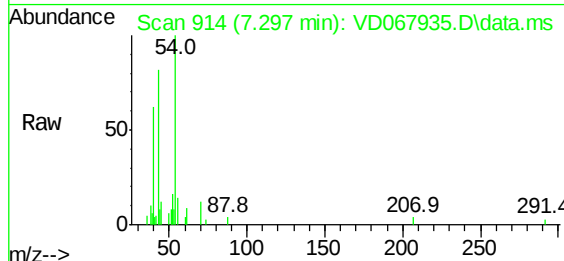
Ethyl Acetate
Concen: 7.49 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 10053
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 11.6 8.3 12.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

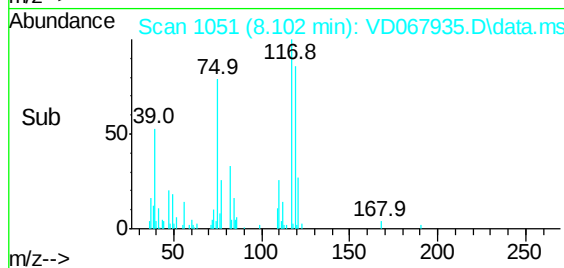
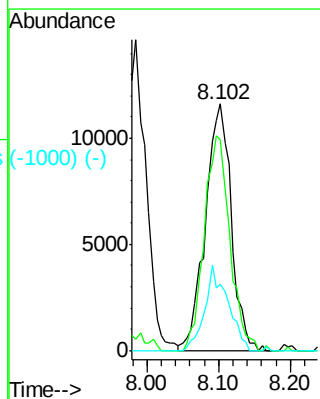
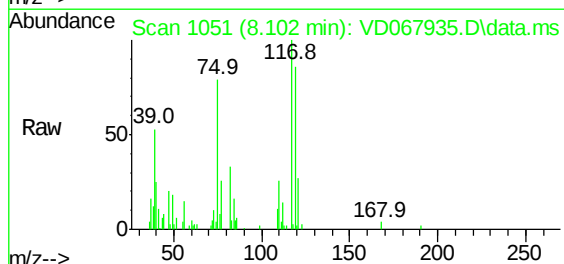
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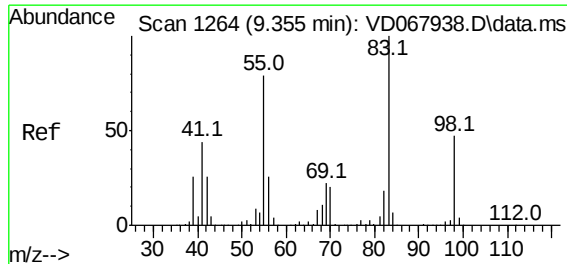
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Carbon Tetrachloride
Concen: 4.52 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 117 Resp: 28913
Ion Ratio Lower Upper
117 100
119 85.5 76.2 114.4
121 27.1 25.9 38.9





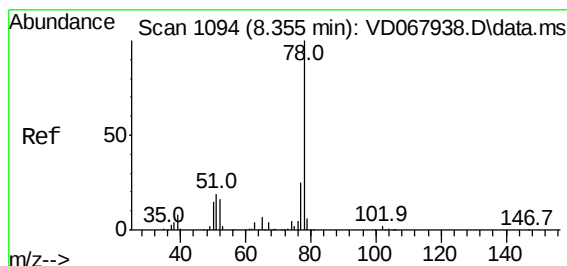
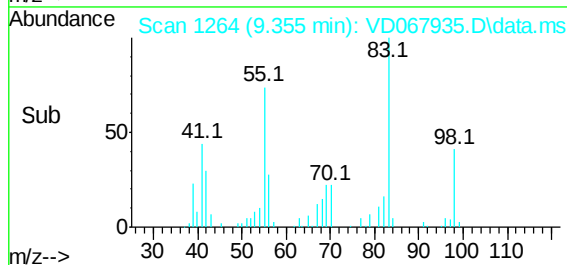
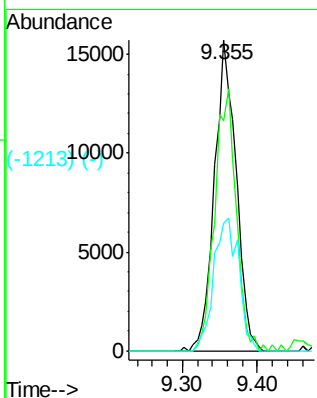
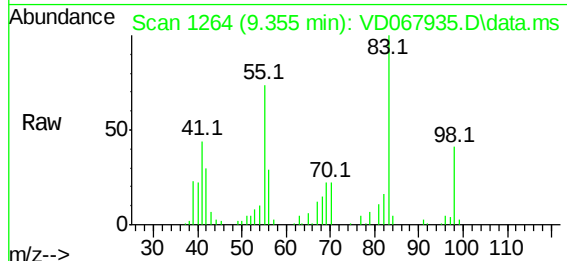
Methylcyclohexane
Concen: 5.87 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 83 Resp: 31237
Ion Ratio Lower Upper
83 100
55 74.1 63.5 95.3
98 41.2 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

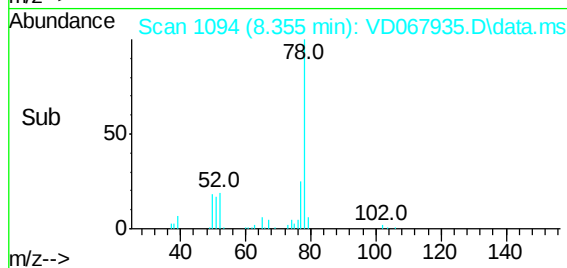
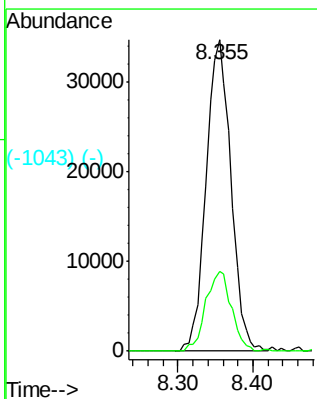
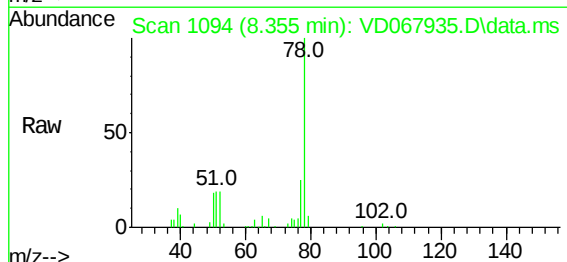
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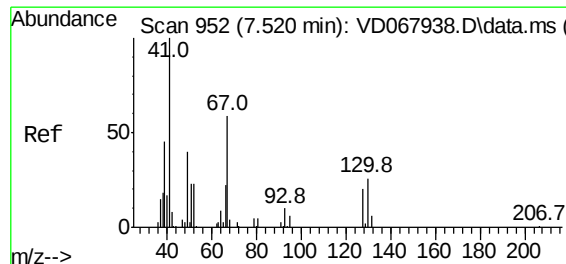
MMDadoda
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Benzene
Concen: 6.22 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 78 Resp: 78549
Ion Ratio Lower Upper
78 100
77 25.3 20.1 30.1





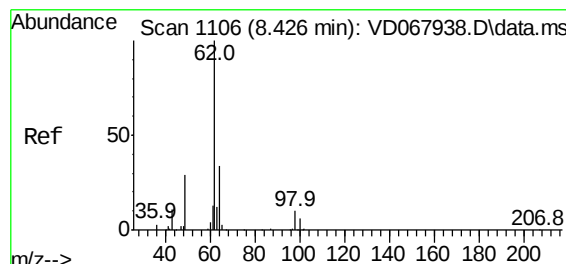
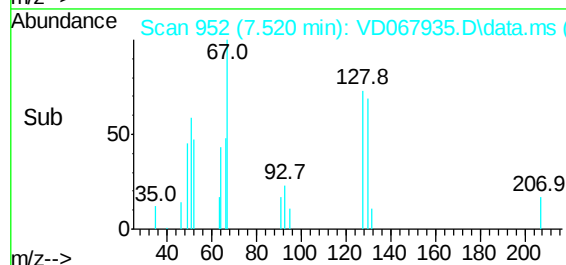
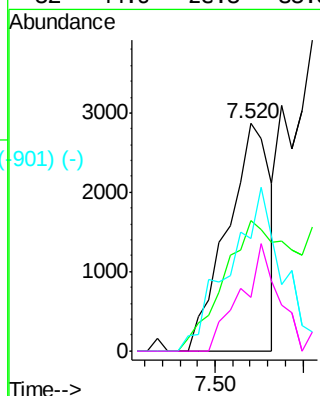
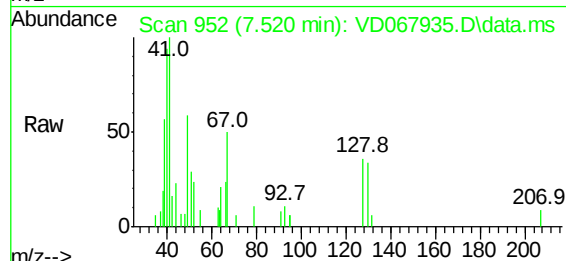
#41 (-)
Methacrylonitrile
Concen: 7.04 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	41	Resp:	4870
Ion	Ratio	Lower	Upper
41	100		
39	91.1	46.2	69.2#
67	88.2	55.1	82.7#
52	44.9	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

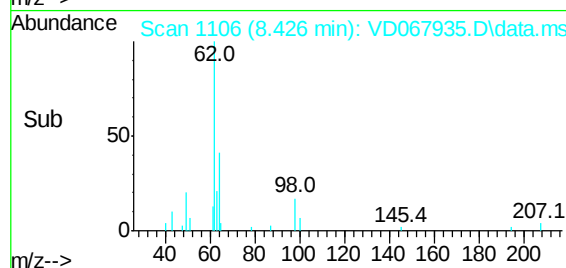
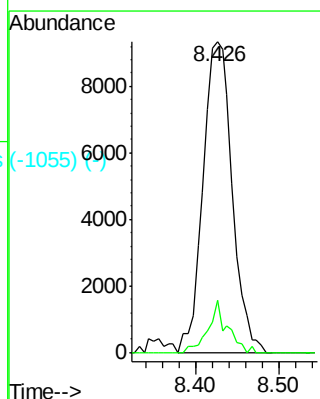
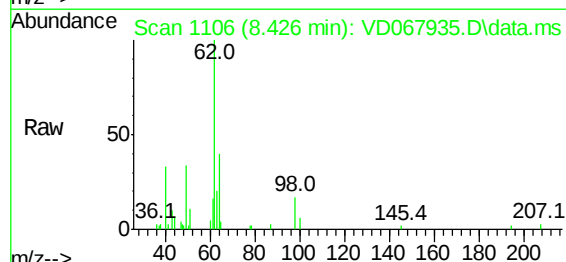
Manual Integrations
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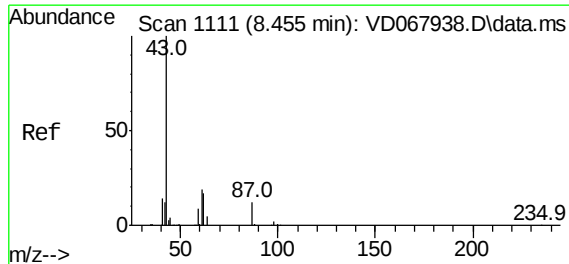
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#108 (-)
1,2-Dichloroethane
Concen: 5.39 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	62	Resp:	22795
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4



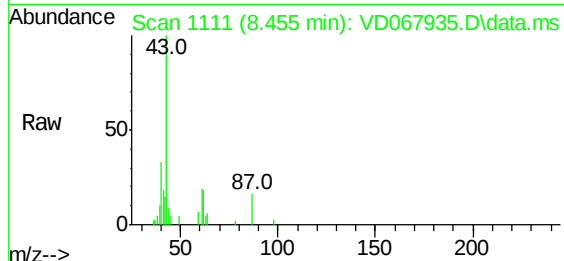


(-1067) (-)
Isopropyl Acetate
Concen: 7.47 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

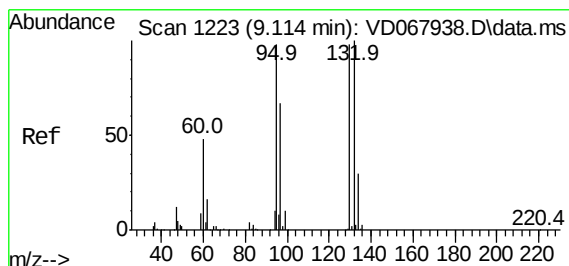
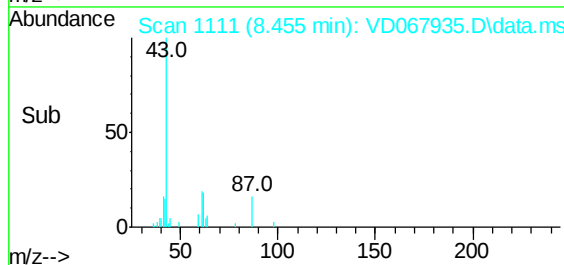
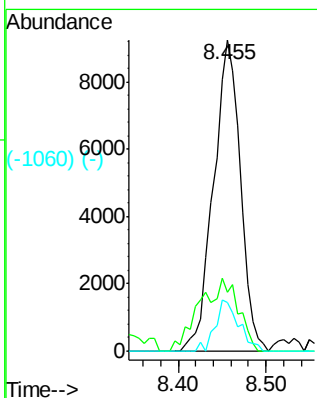
Instrument :
MSVOA_D
ClientSampleId :
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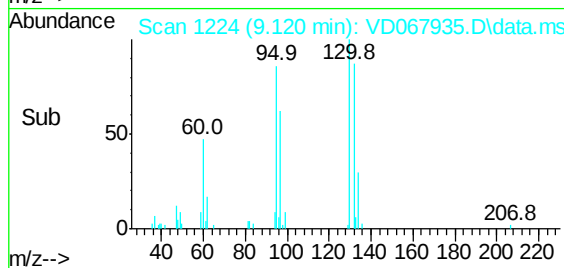
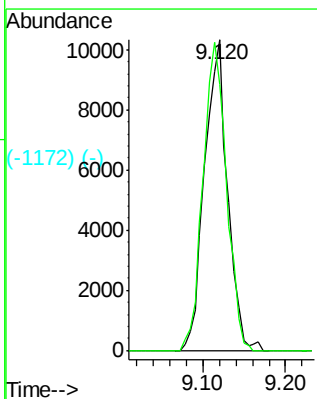
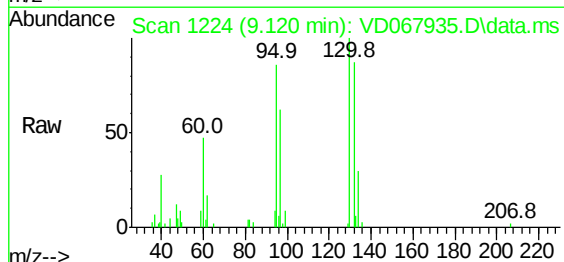


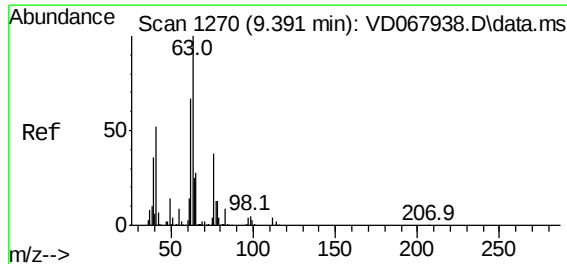
Tgt Ion: 43 Resp: 19335
Ion Ratio Lower Upper
43 100
61 33.4 24.5 36.7
87 14.3 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 4.86 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 130 Resp: 19890
Ion Ratio Lower Upper
130 100
95 85.6 0.0 200.8



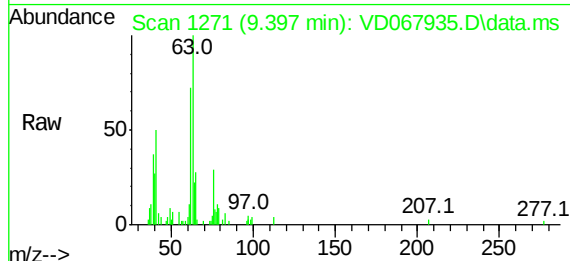


(-1257) (-)
 1,2-Dichloropropane
 Concen: 7.30 ug/l
 RT: 9.397 min Scan# 1271
 Delta R.T. 0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

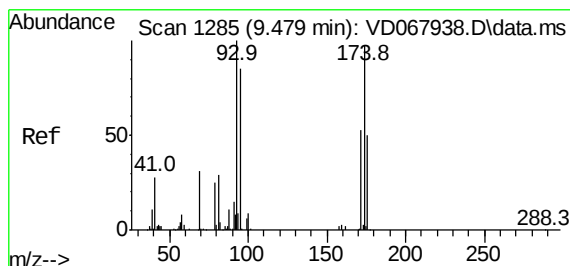
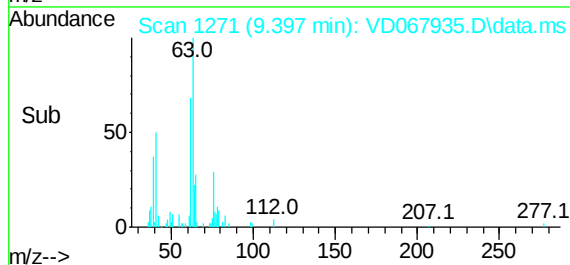
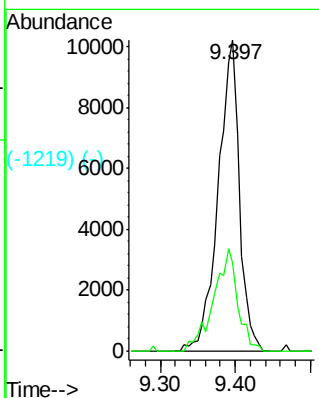
Instrument :
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 ClientSampleId :
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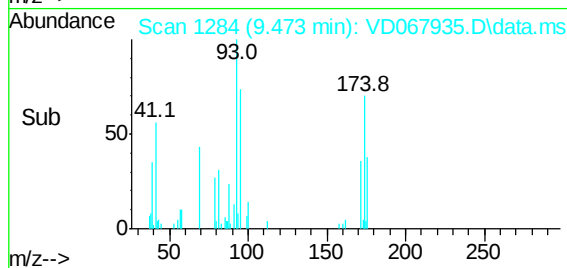
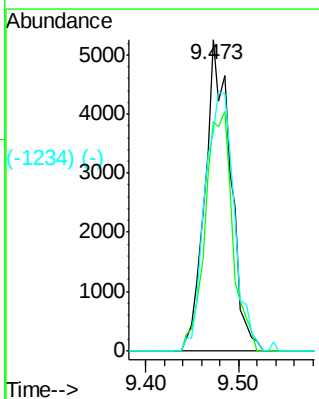
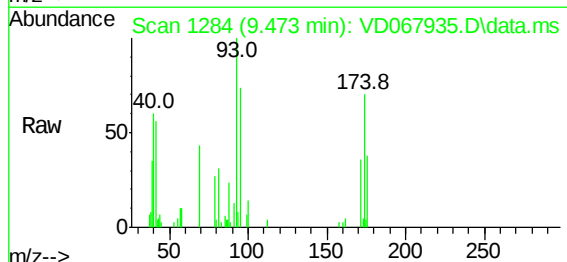


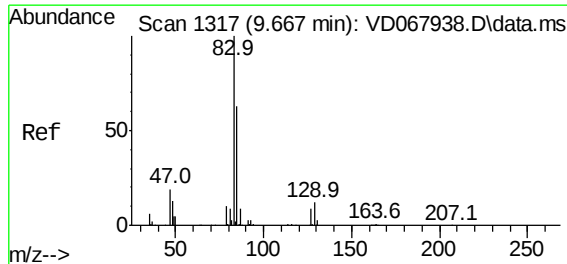
Tgt Ion: 63 Resp: 19785
 Ion Ratio Lower Upper
 63 100
 65 28.3 22.7 34.1



(-1256) (-)
 Dibromomethane
 Concen: 5.81 ug/l
 RT: 9.473 min Scan# 1284
 Delta R.T. -0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion: 93 Resp: 10093
 Ion Ratio Lower Upper
 93 100
 95 81.5 68.0 102.0
 174 94.5 74.7 112.1





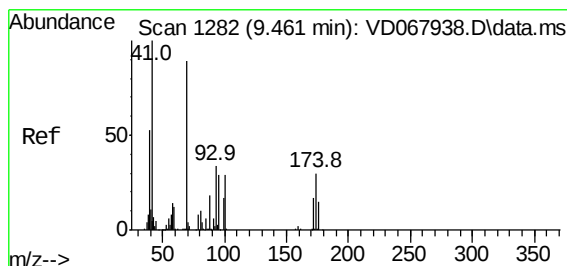
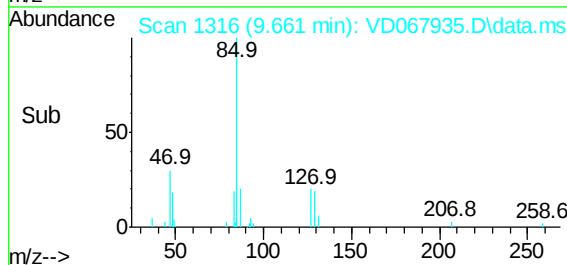
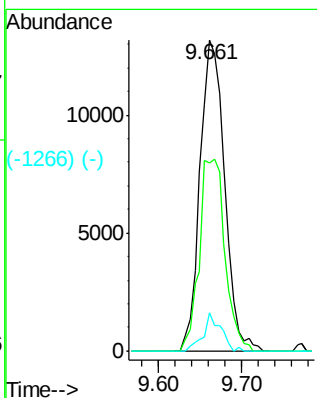
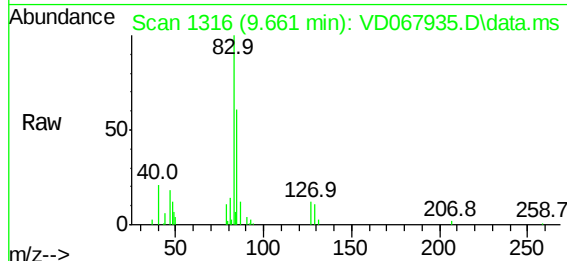
Bromodichloromethane
Concen: 5.47 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 83 Resp: 27133
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 12.1 7.2 10.8#

Instrument :
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ClientSampleId :
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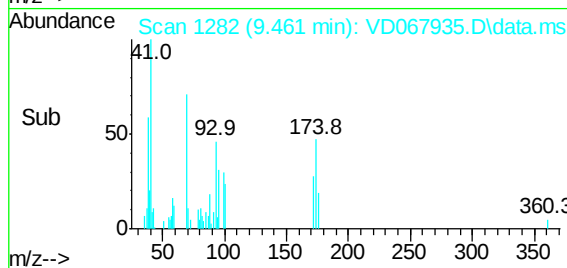
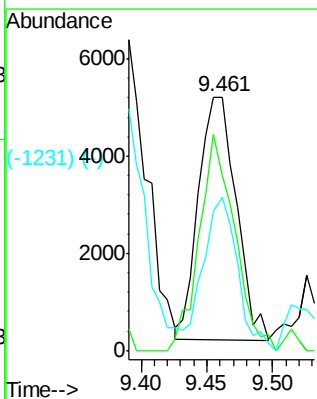
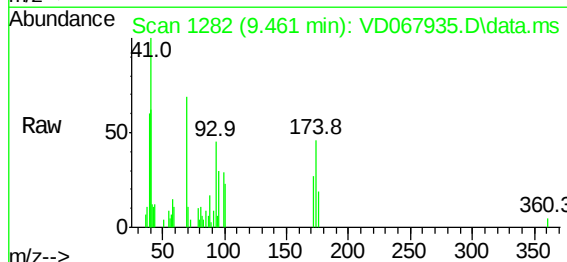
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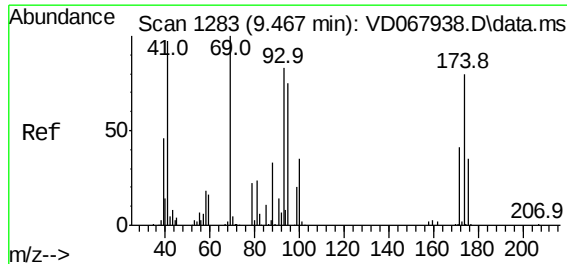
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Methyl methacrylate
Concen: 7.31 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 41 Resp: 9726
Ion Ratio Lower Upper
41 100
69 83.5 63.9 95.9
39 57.3 37.4 56.0#



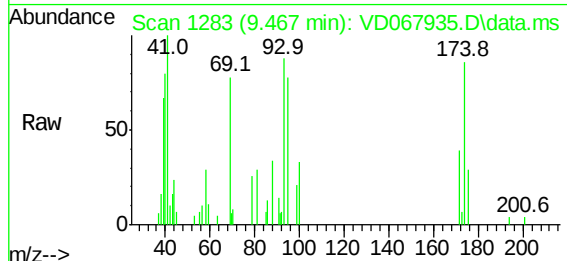


#1294 (-)
1,4-Dioxane
Concen: 119.29 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

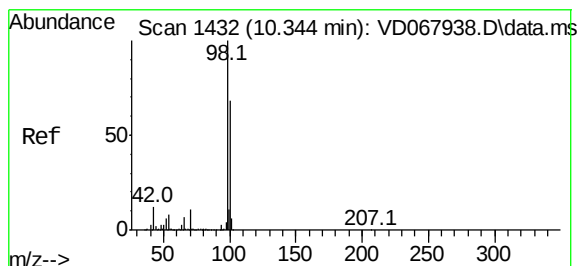
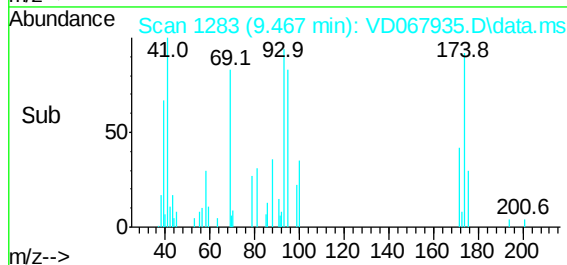
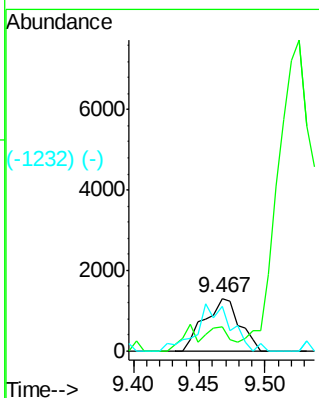
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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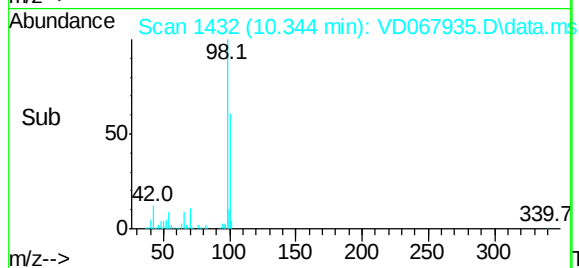
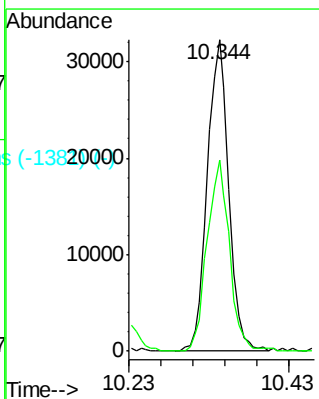
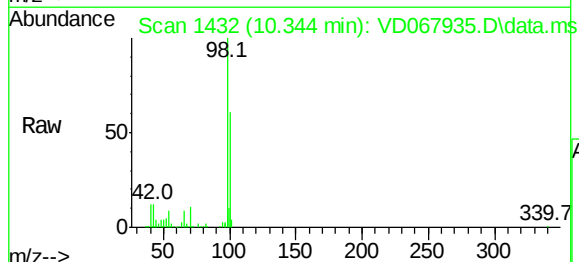


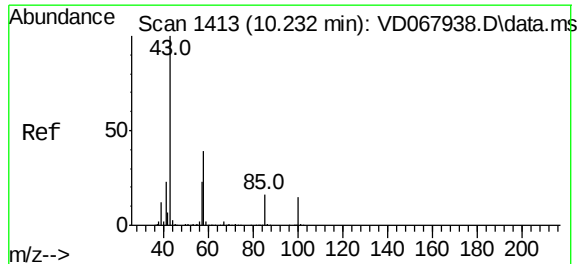
Tgt Ion: 88 Resp: 2372
Ion Ratio Lower Upper
88 100
43 30.6 27.3 40.9
58 88.5 54.8 82.2#



#5022 (-)
Toluene-d8
Concen: 4.79 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 98 Resp: 57630
Ion Ratio Lower Upper
98 100
100 64.0 52.5 78.7





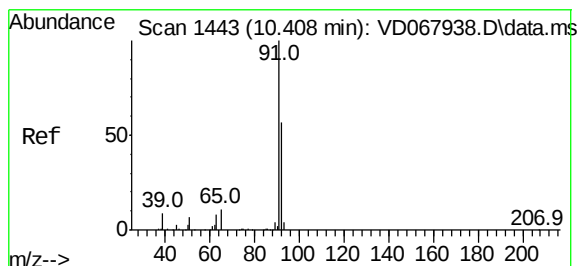
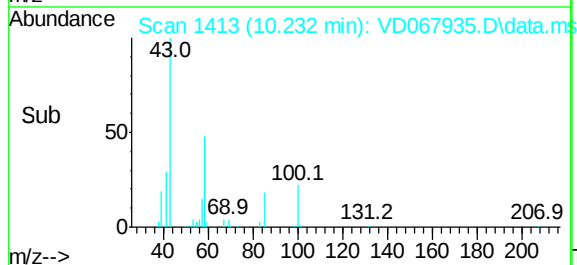
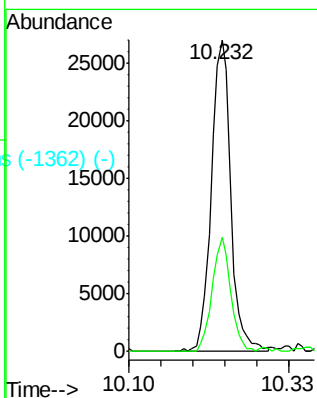
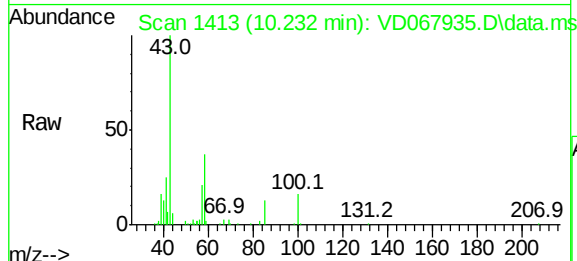
#5102 (-)
4-Methyl-2-Pentanone
Concen: 40.32 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 50664
Ion Ratio Lower Upper
43 100
58 34.6 30.0 45.0

Instrument :
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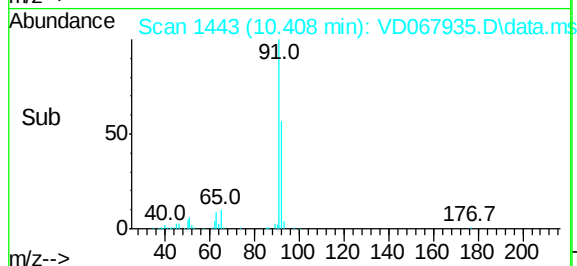
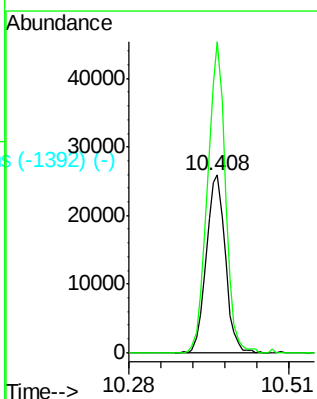
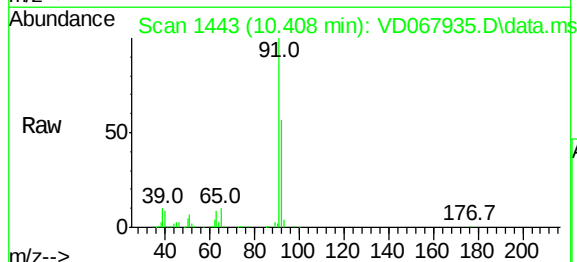
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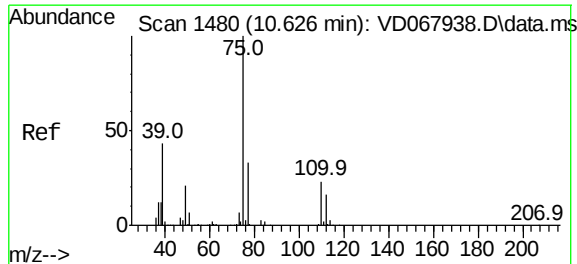
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#5133 (-)
Toluene
Concen: 5.47 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 92 Resp: 47139
Ion Ratio Lower Upper
92 100
91 165.4 138.5 207.7



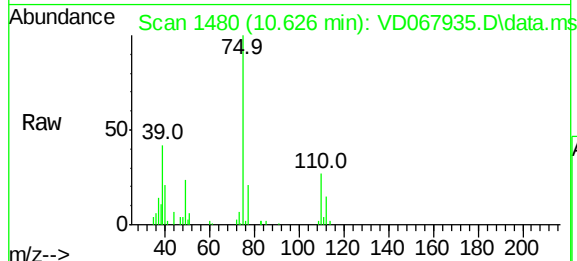


#5470 (-)
t-1,3-Dichloropropene
Concen: 5.35 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

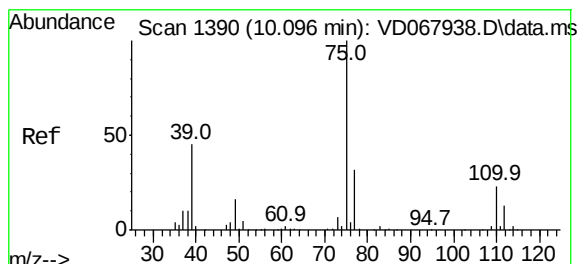
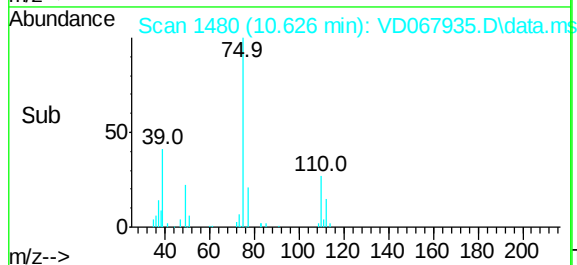
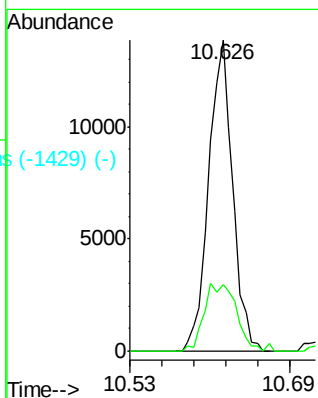
Instrument :
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ClientSampleId :
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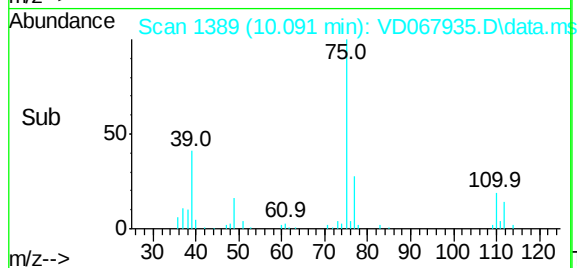
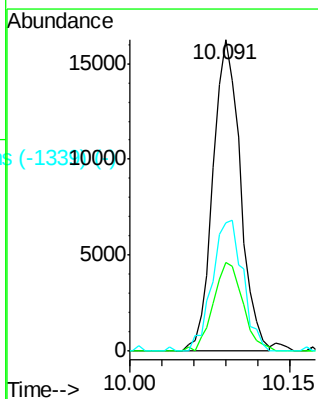
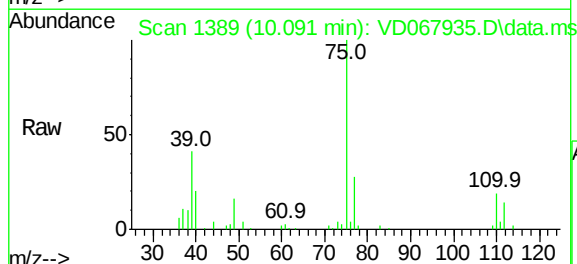


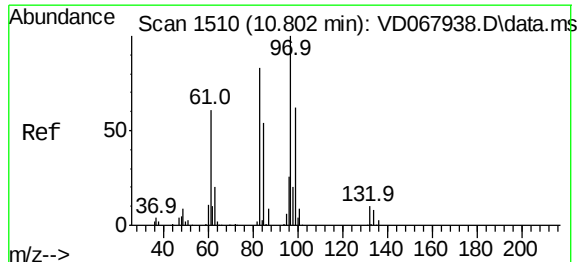
Tgt Ion: 75 Resp: 22990
Ion Ratio Lower Upper
75 100
77 21.4 26.8 40.2#



#5479 (-)
cis-1,3-Dichloropropene
Concen: 6.09 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 75 Resp: 29122
Ion Ratio Lower Upper
75 100
77 28.5 25.3 37.9
39 41.2 35.7 53.5



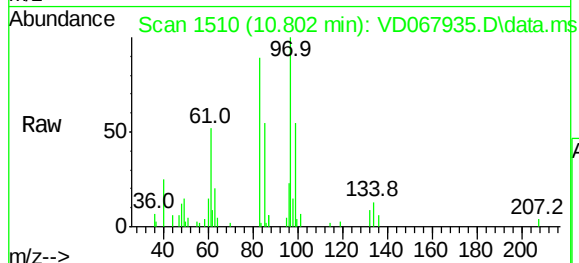


#5503 (-)
1,1,2-Trichloroethane
Concen: 5.96 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

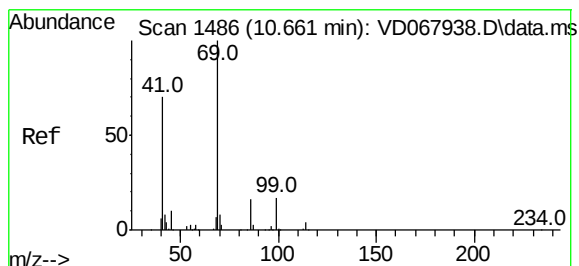
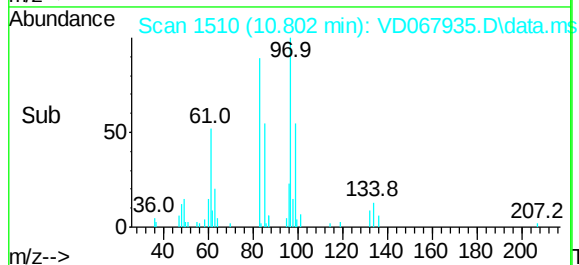
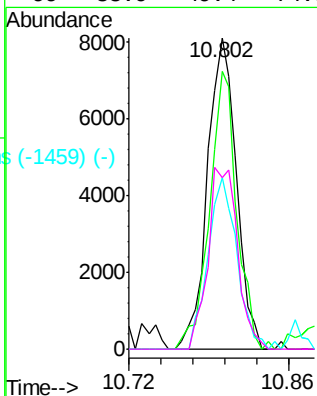
Instrument :
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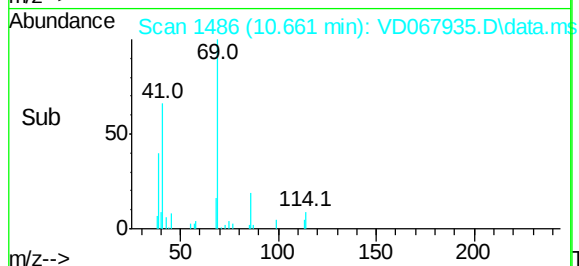
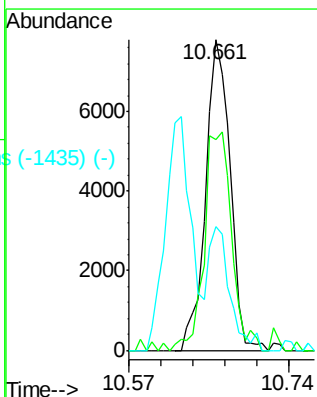
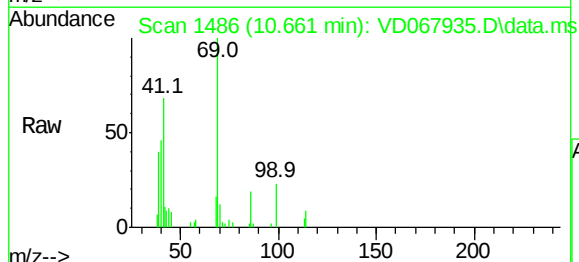


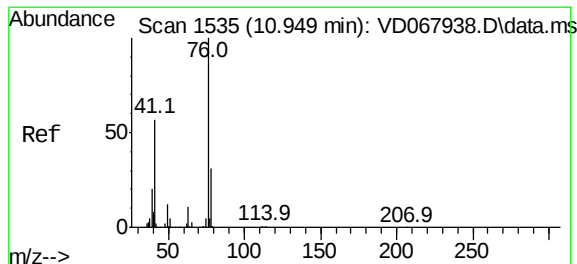
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	66.4	99.6
85	54.9	43.4	65.0
99	55.0	49.4	74.0



#5578 (-)
Ethyl methacrylate
Concen: 5.32 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.8	56.4	84.6
39	33.9	24.6	36.8



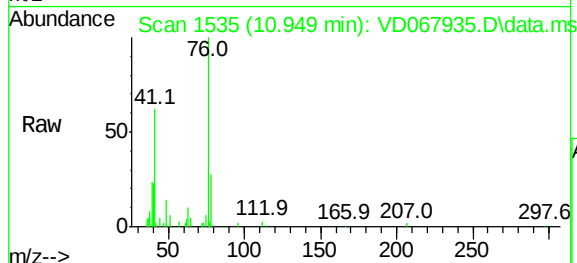


1,3-Dichloropropane
 Concen: 6.15 ug/l
 RT: 10.949 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

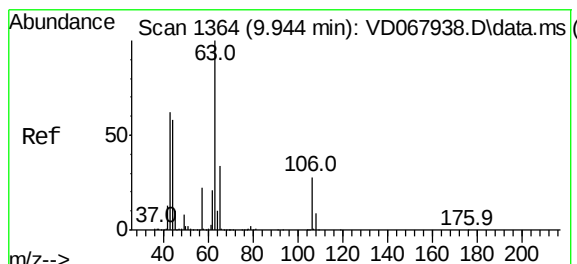
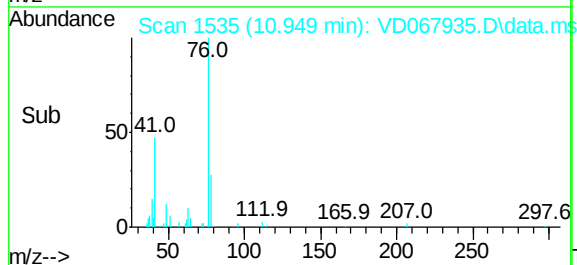
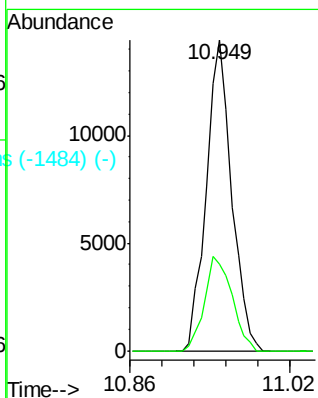
Instrument :
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 ClientSampleId :
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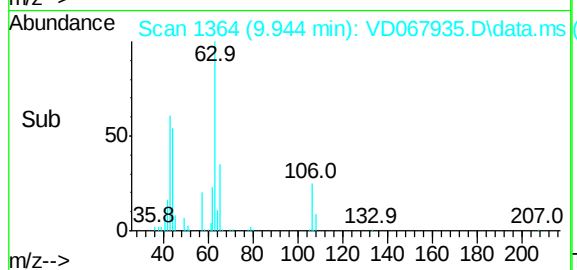
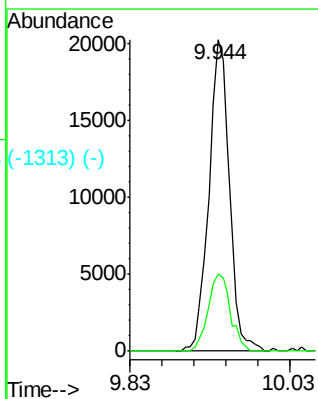
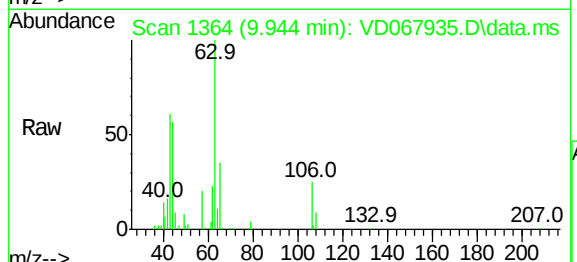


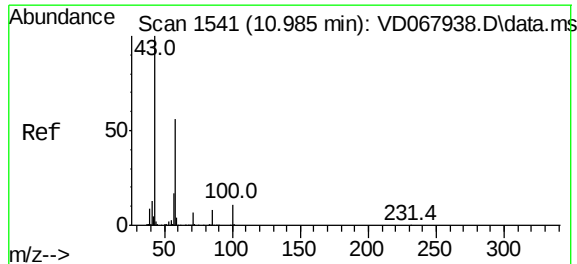
Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.2	37.8



2-Chloroethyl Vinyl ether
 Concen: 31.14 ug/l
 RT: 9.944 min Scan# 1364
 Delta R.T. 0.000 min
 Lab File: VD067935.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.6	32.4



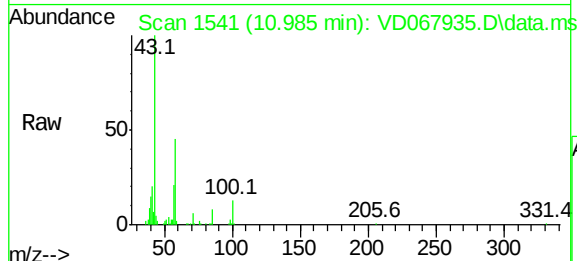


#5931 (-)
2-Hexanone
Concen: 36.83 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

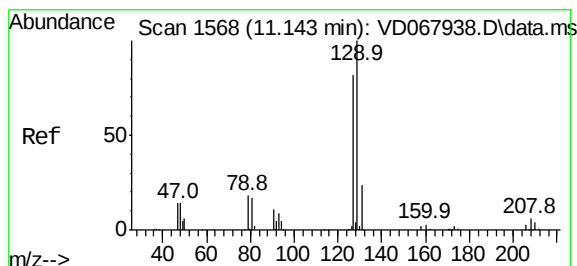
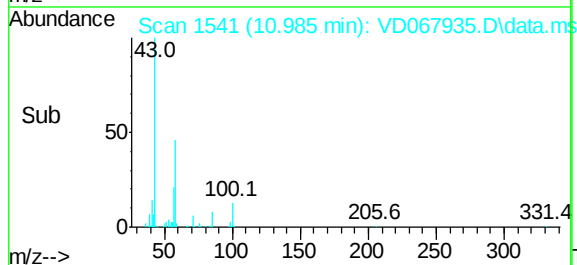
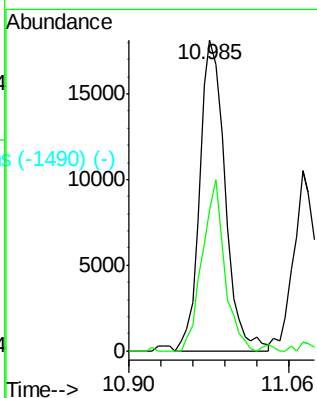
Instrument :
MSVOA_D
ClientSampleId :
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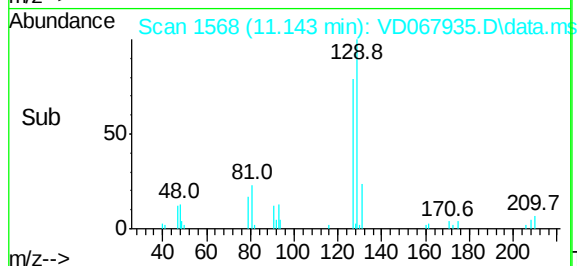
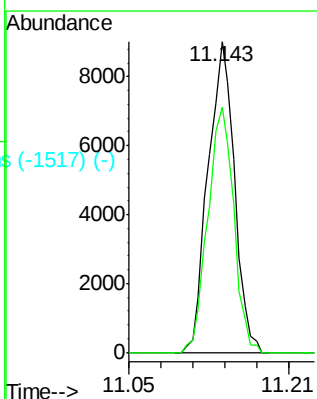
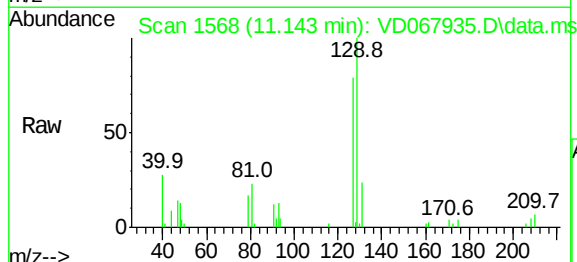


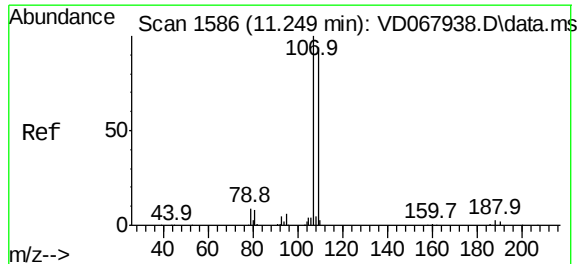
Tgt Ion: 43 Resp: 31846
Ion Ratio Lower Upper
43 100
58 48.6 27.5 82.4



#6059 (-)
Dibromochloromethane
Concen: 4.72 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 129 Resp: 16558
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4



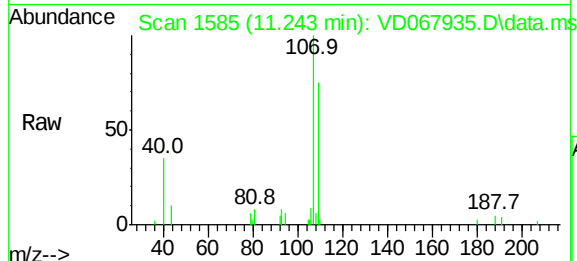


#6178 (-)
1,2-Dibromoethane
Concen: 5.56 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

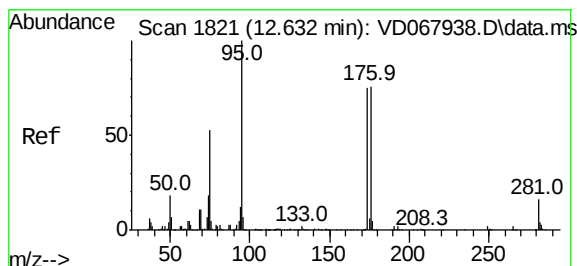
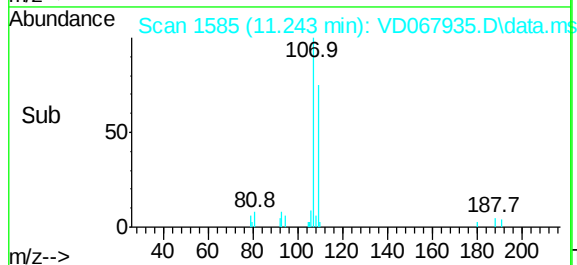
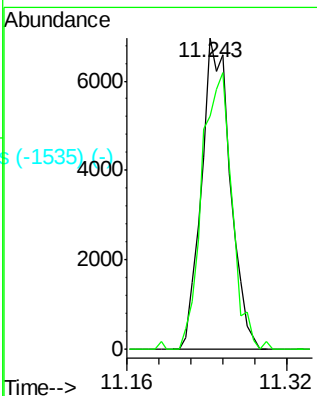
Instrument :
MSVOA_D
ClientSampleId :
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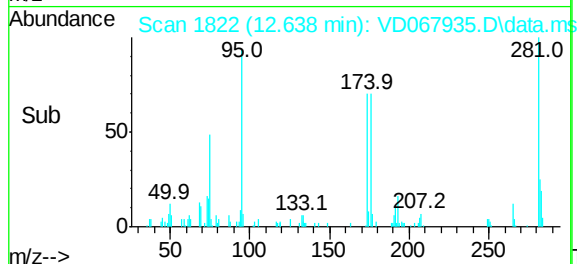
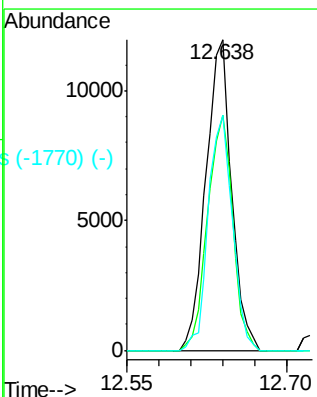
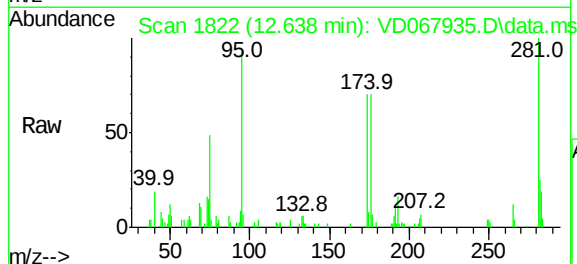


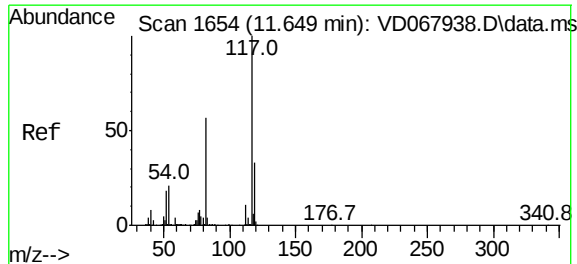
Tgt Ion: 107 Resp: 13104
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 4.85 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 95 Resp: 20165
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.6
176 71.0 0.0 151.2





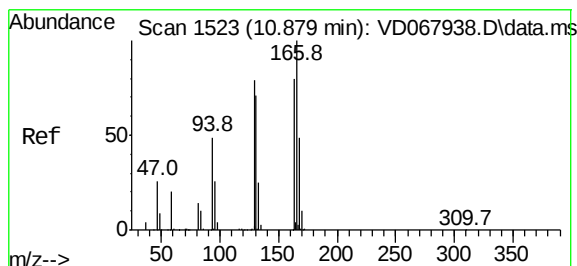
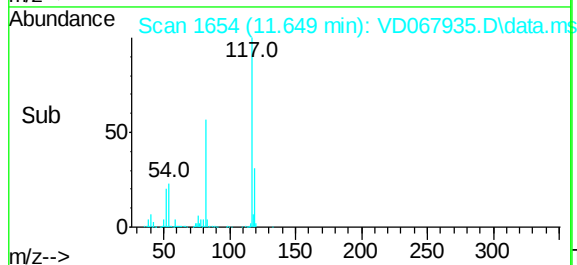
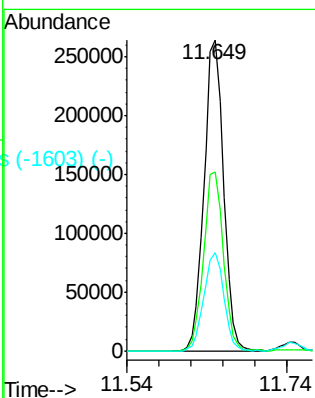
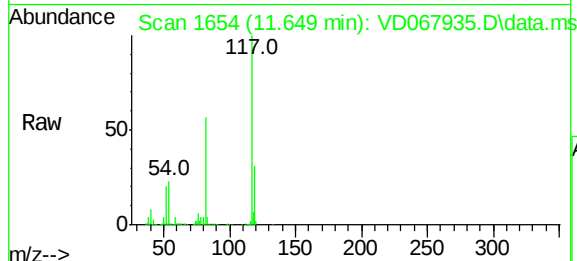
#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:117 Resp: 452551
Ion Ratio Lower Upper
117 100
82 57.4 45.4 68.0
119 31.5 26.7 40.1

Instrument :
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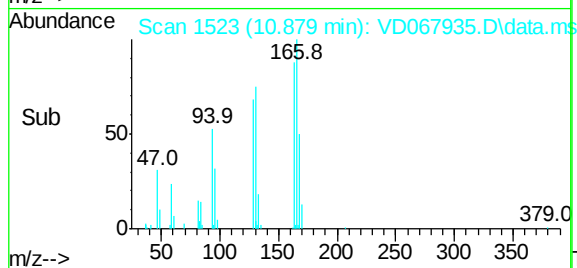
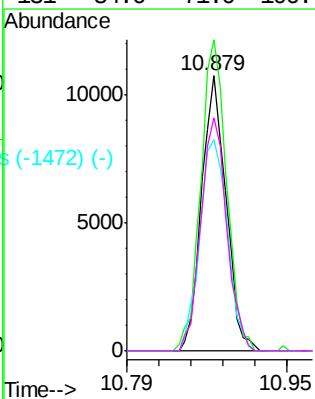
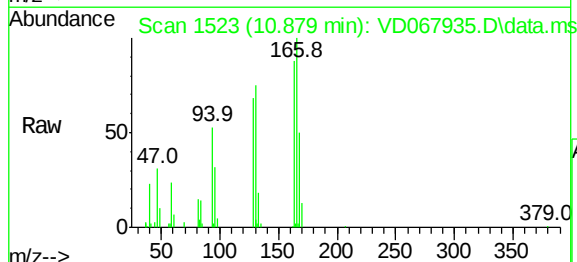
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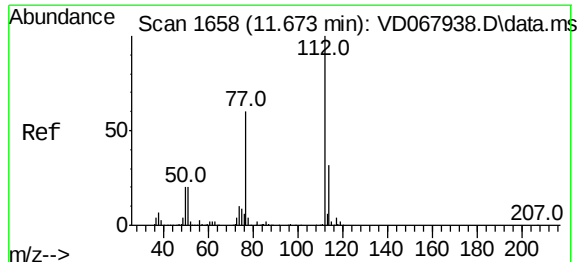
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#6344 (-)
Tetrachloroethene
Concen: 5.04 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:164 Resp: 18121
Ion Ratio Lower Upper
164 100
166 113.1 99.4 149.2
129 76.9 79.0 118.4#
131 84.6 71.0 106.4



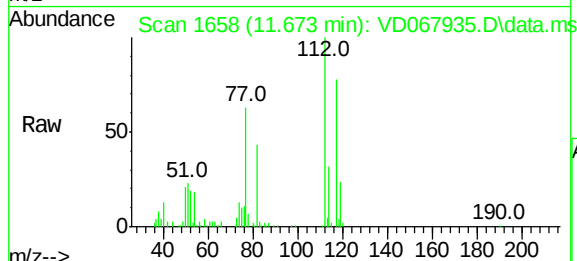


#6549 (-)
Chlorobenzene
Concen: 5.25 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

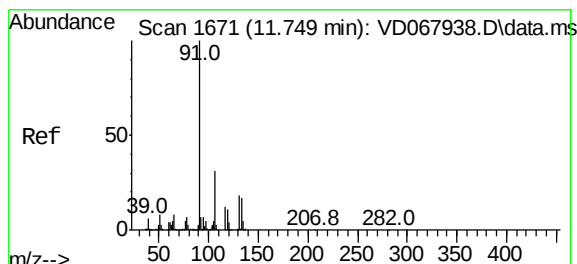
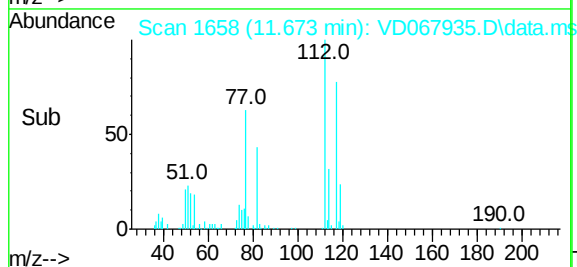
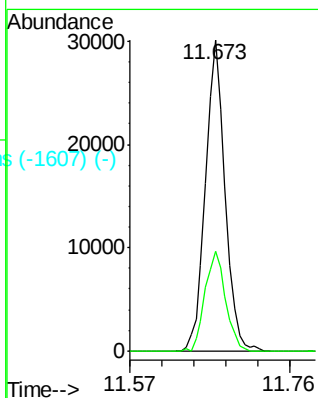
Instrument :
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ClientSampleId :
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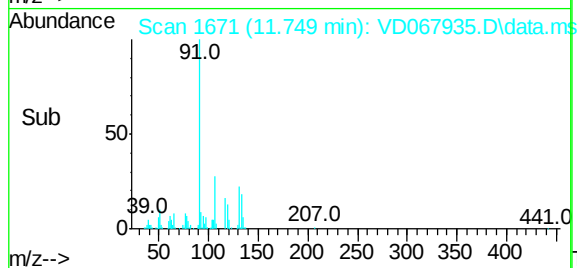
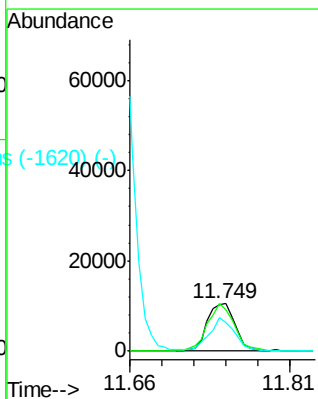
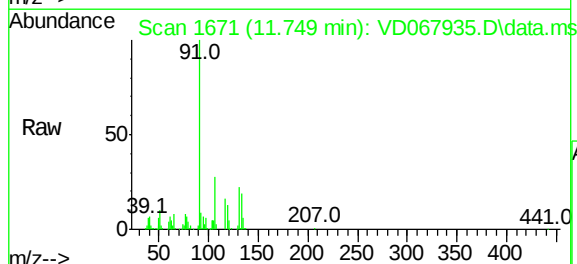


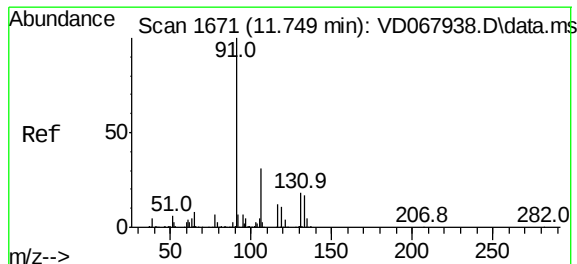
Tgt Ion:112 Resp: 49094
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#6662 (-)
1,1,1,2-Tetrachloroethane
Concen: 4.99 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:131 Resp: 18661
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.0
119 63.6 33.4 100.2





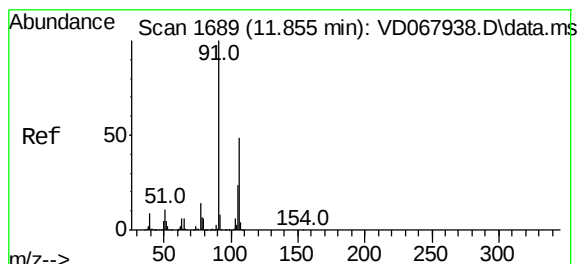
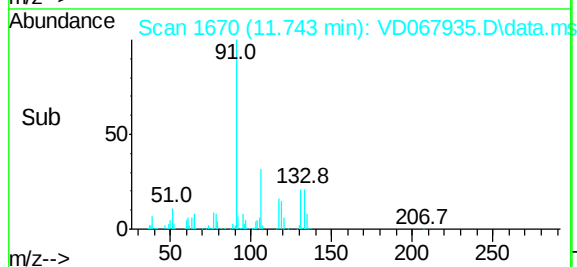
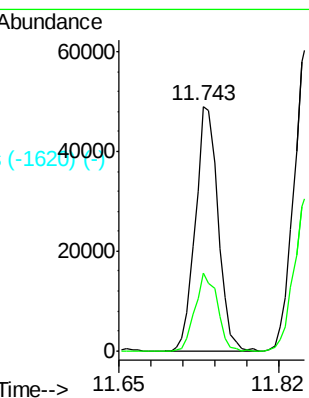
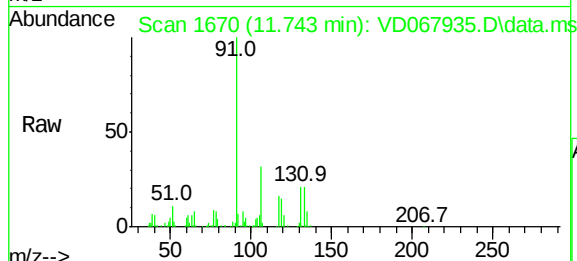
#661 (-)
Ethyl Benzene
Concen: 5.18 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	91	Resp:	83343
Ion Ratio	Lower	Upper	
91	100		
106	31.5	24.6	37.0

Instrument :
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ClientSampleId :
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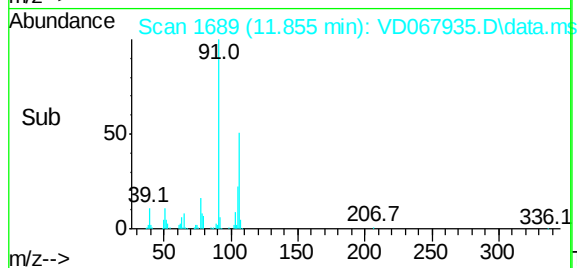
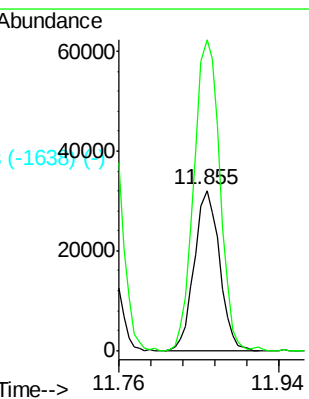
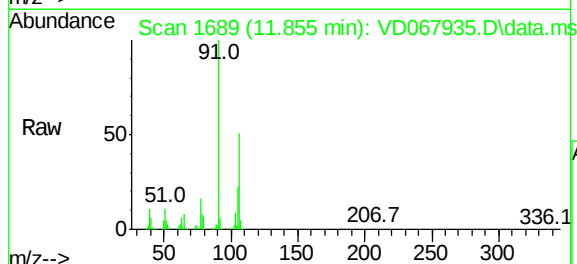
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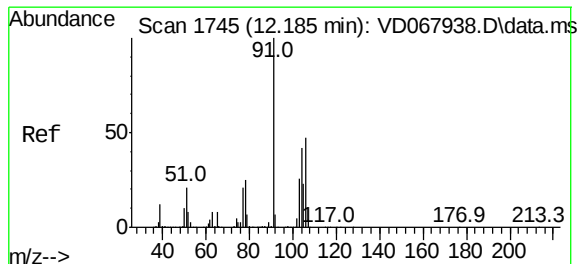
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#660 (-)
m/p-Xylenes
Concen: 9.78 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	106	Resp:	61729
Ion Ratio	Lower	Upper	
106	100		
91	199.8	159.9	239.9





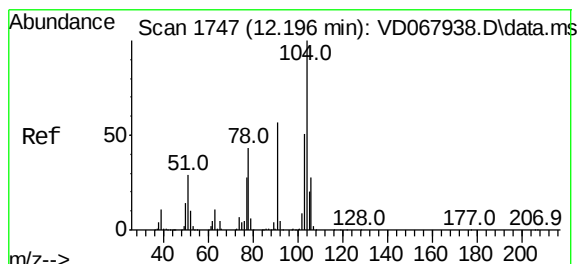
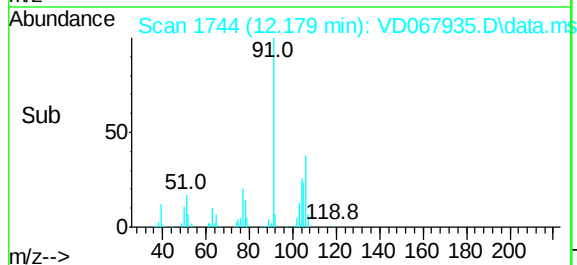
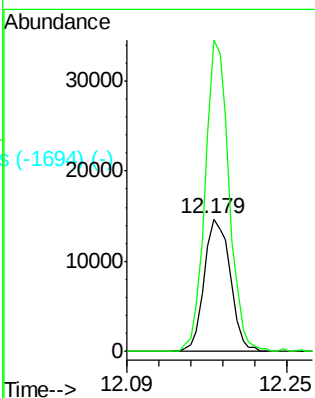
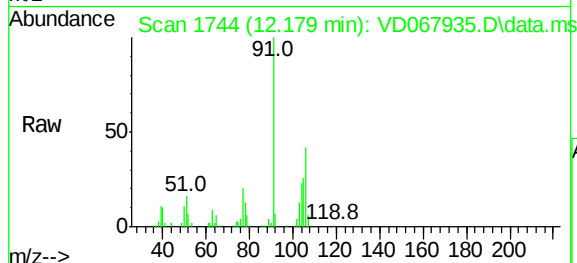
#6937 (-)
o-Xylene
Concen: 4.69 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 26249
Ion Ratio Lower Upper
106 100
91 216.9 106.0 317.9

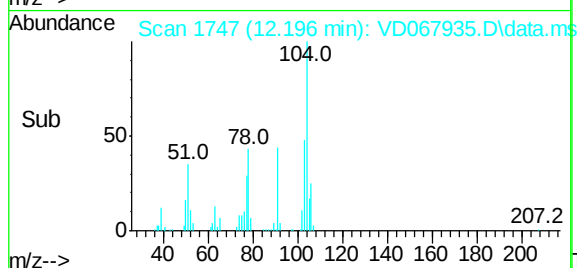
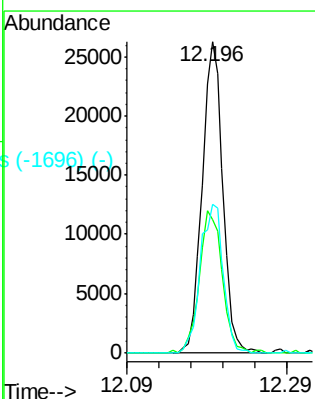
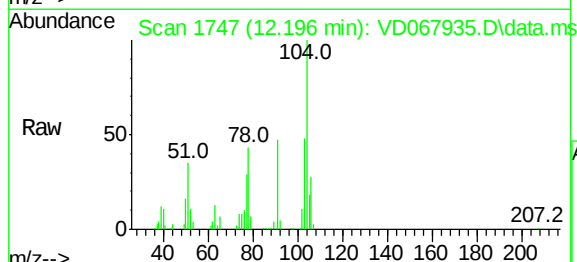
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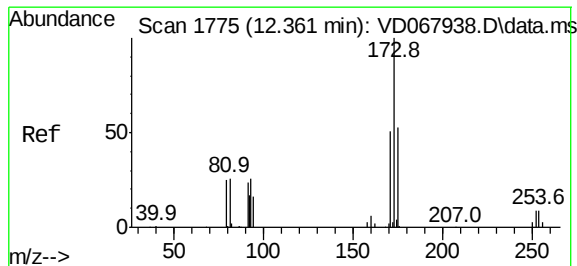
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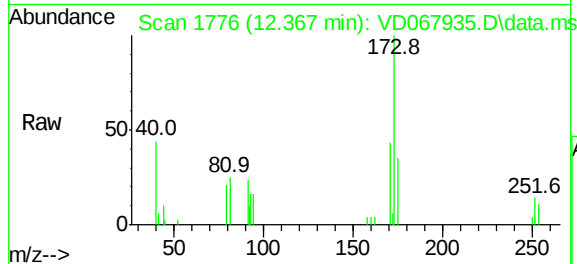
#1736 (-)
Styrene
Concen: 4.64 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:104 Resp: 45179
Ion Ratio Lower Upper
104 100
78 50.4 38.6 58.0
103 52.7 44.2 66.4

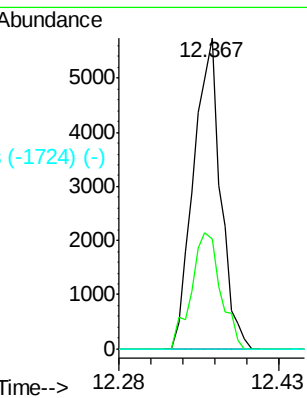
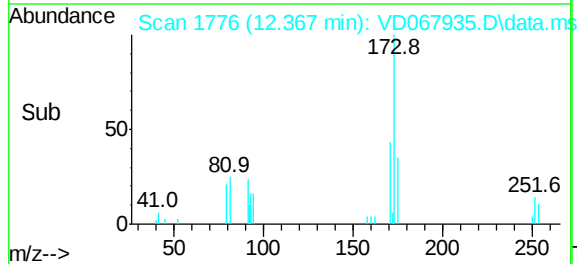




#1767 (-)
Bromoform
Concen: 4.87 ug/l
RT: 12.367 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51



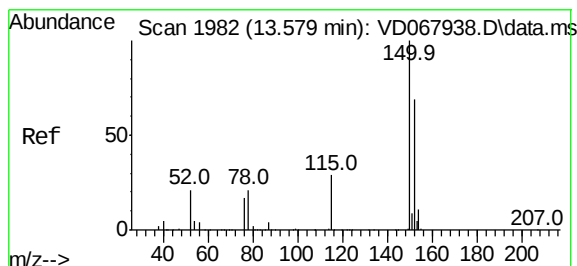
Tgt Ion:	173	Resp:	9491
Ion Ratio	Lower	Upper	
173	100		
175	40.4	24.6	73.8
254	0.0	0.0	0.0



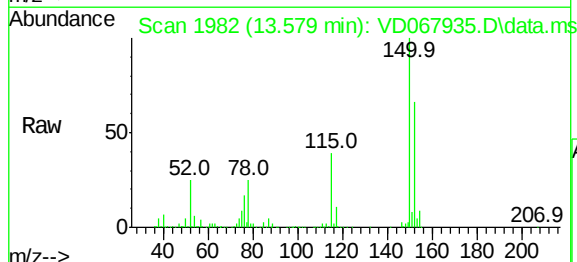
Instrument :
MSVOA_D
ClientSampleId :
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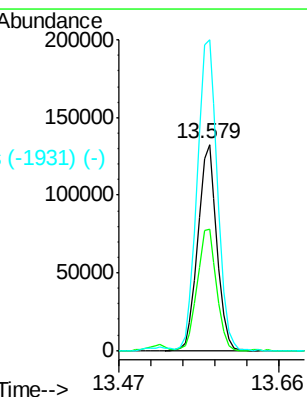
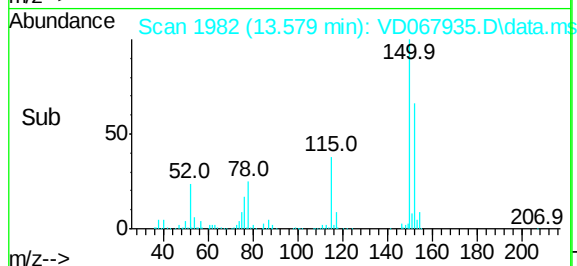
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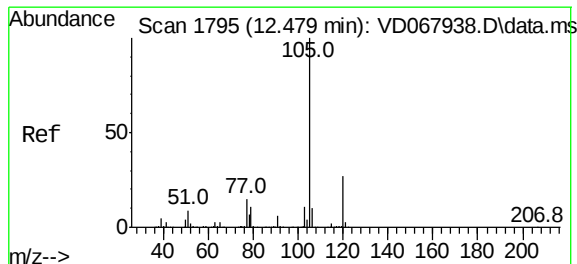


#1973 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51



Tgt Ion:	152	Resp:	209755
Ion Ratio	Lower	Upper	
152	100		
115	60.2	29.3	88.0
150	161.8	0.0	340.0



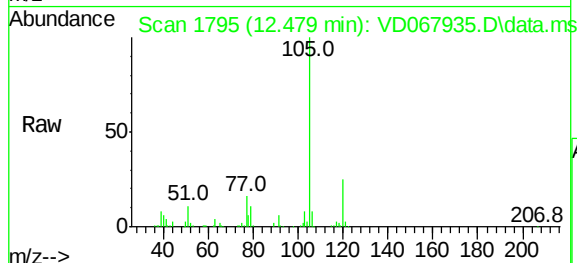


#1786 (-)
Isopropylbenzene
Concen: 4.96 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

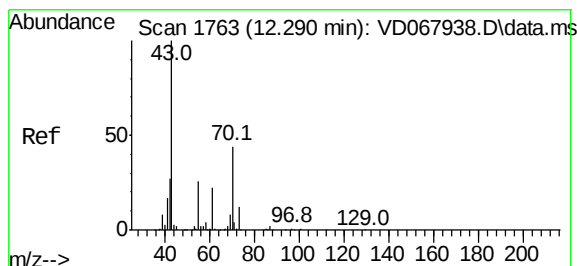
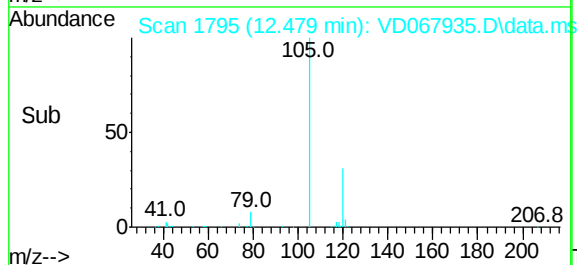
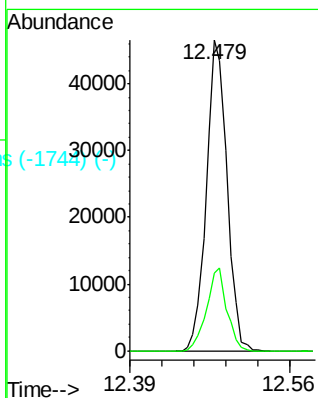
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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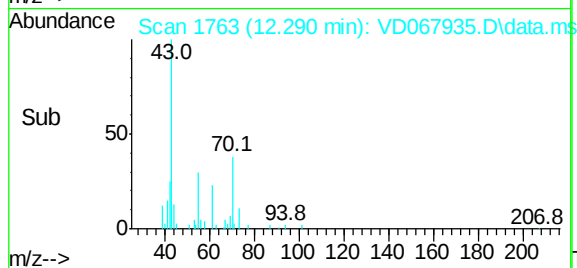
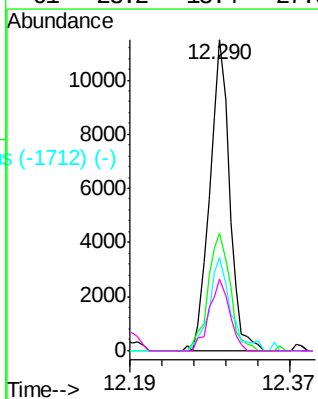
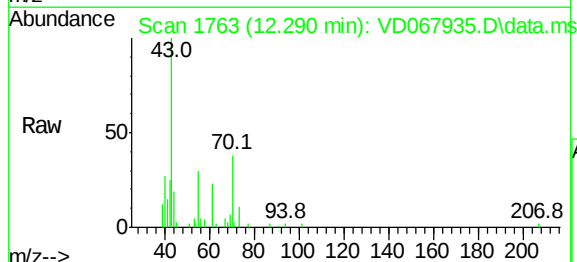


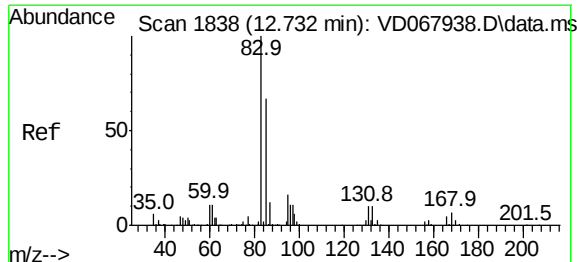
Tgt Ion:105 Resp: 71759
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 8.30 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 43 Resp: 16938
Ion Ratio Lower Upper
43 100
70 41.9 34.3 51.5
55 32.0 21.2 31.8#
61 23.2 18.4 27.6



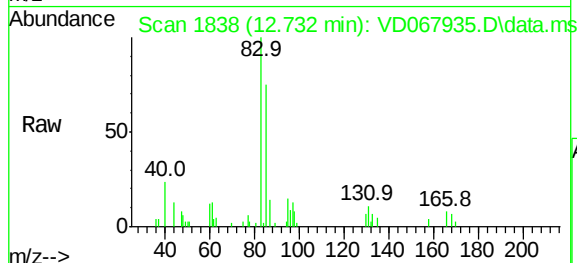


#1830 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 7.39 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

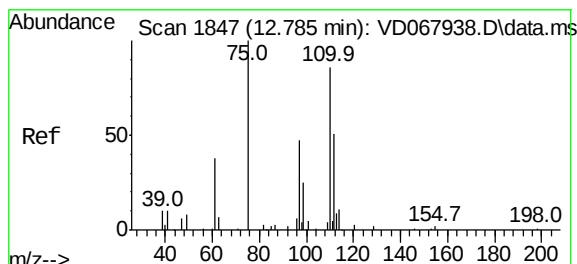
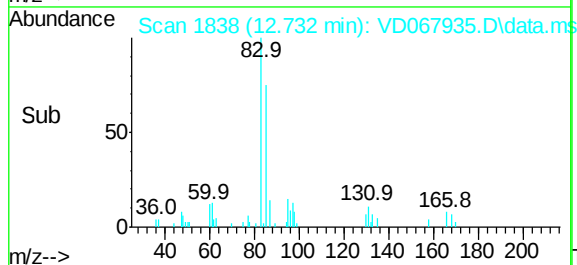
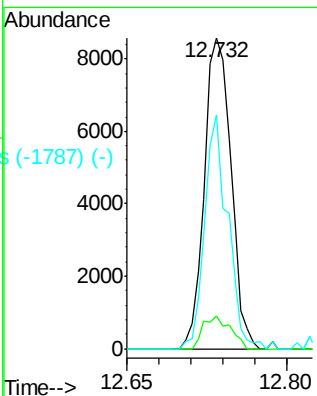
Instrument :
 MSVOA_D
 ClientSampleId :
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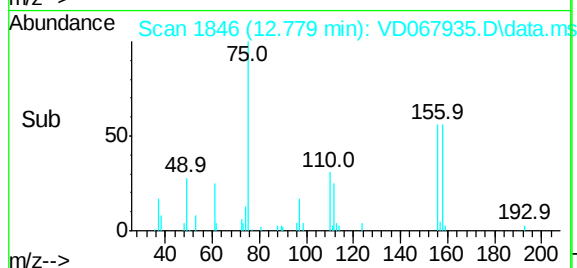
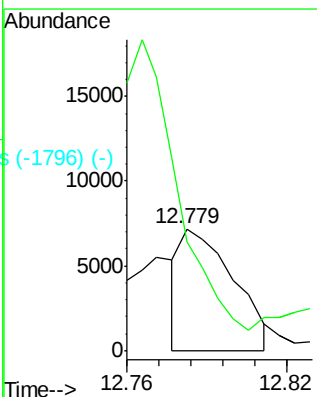
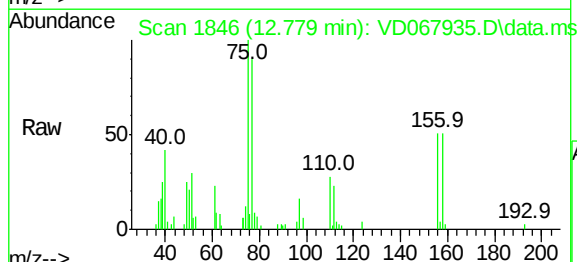


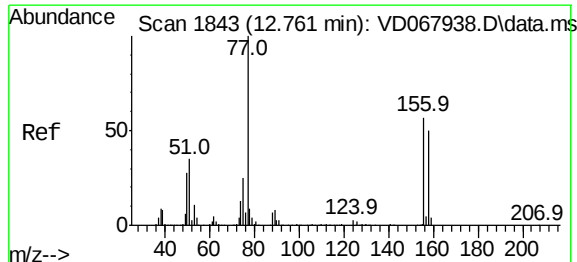
Tgt Ion:	83	Resp:	14986
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.0	14.9
85	64.9	32.1	96.3



#1845 (-)
 1,2,3-Trichloropropane
 Concen: 6.39 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

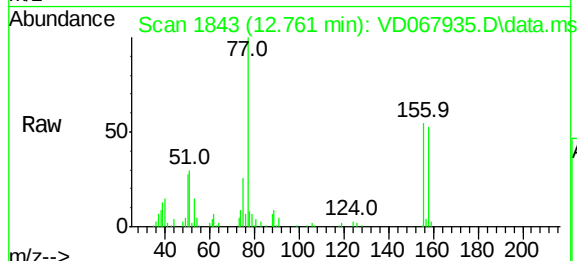
Tgt Ion:	75	Resp:	10041
Ion	Ratio	Lower	Upper
75	100		
77	336.1	0.0	0.0#





#1834 (-)
Bromobenzene
Concen: 4.70 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

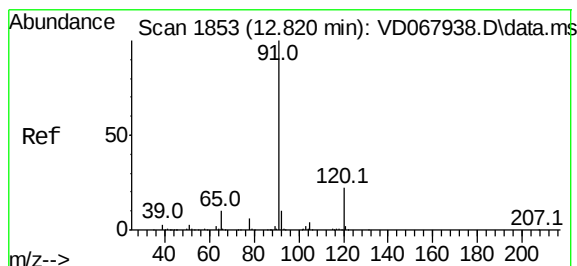
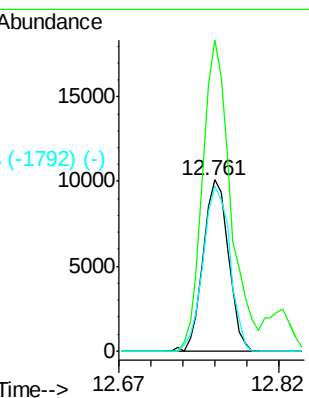
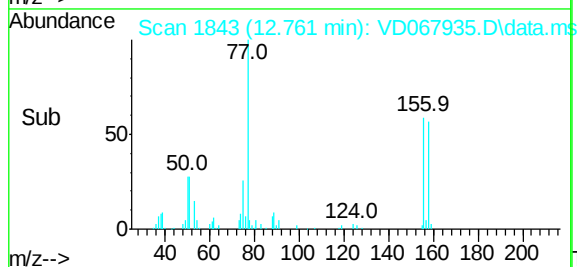
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



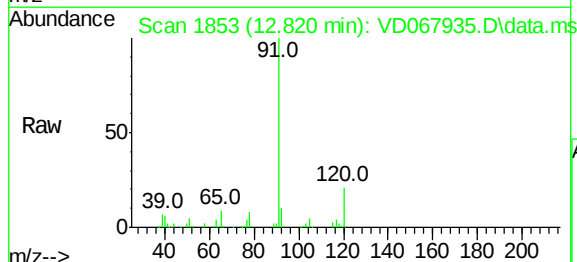
Tgt Ion:	156	Resp:	16698
Ion	Ratio	Lower	Upper
156	100		
77	202.1	95.9	287.6
158	102.4	46.8	140.3

Manual Integrations
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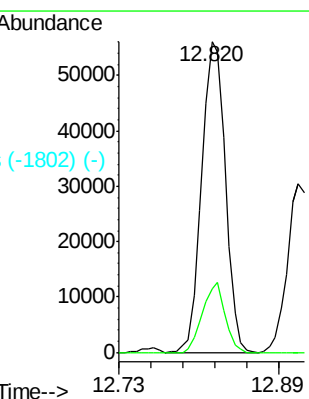
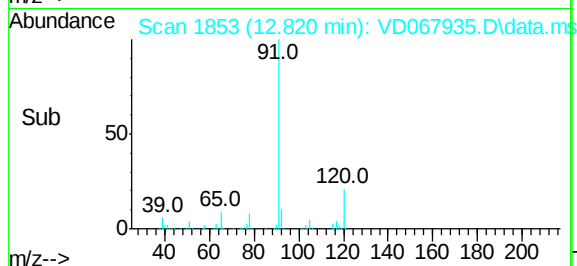
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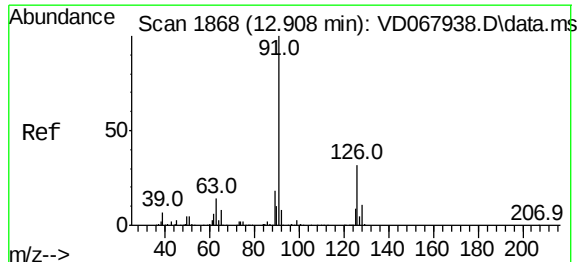


#1847 (-)
n-propylbenzene
Concen: 5.66 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51



Tgt Ion:	91	Resp:	92643
Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.2	33.5



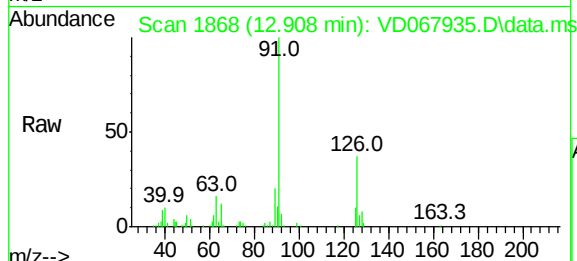


#1861 (-)
2-Chlorotoluene
Concen: 5.47 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

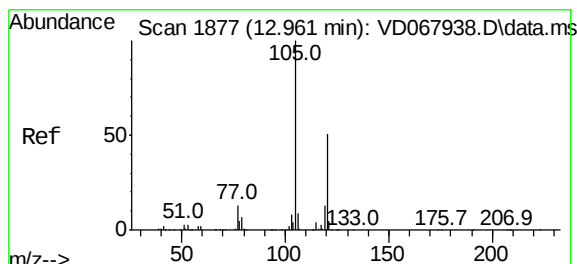
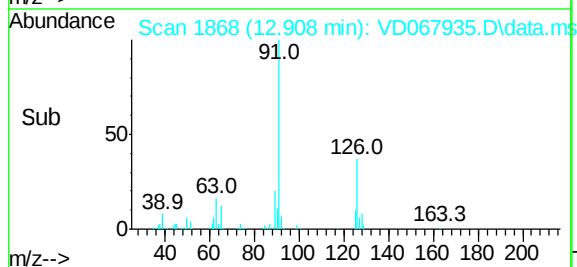
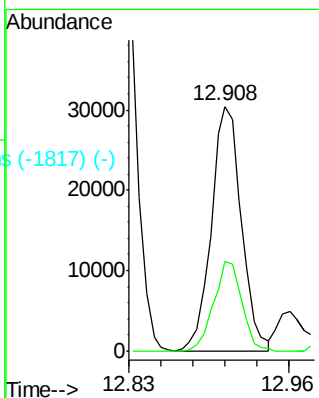
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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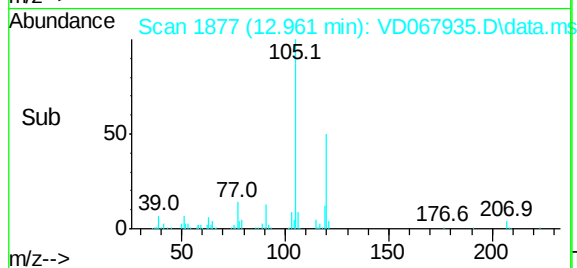
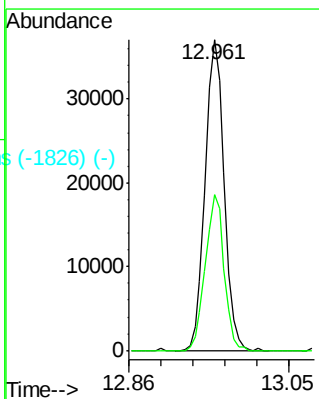
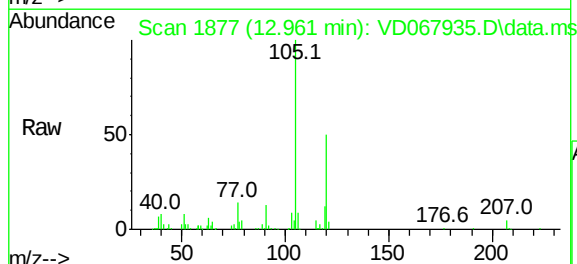


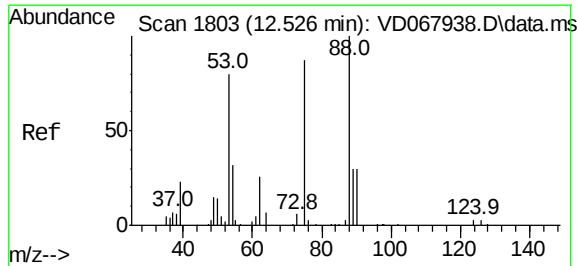
Tgt Ion: 91 Resp: 52317
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.3



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 4.73 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 105 Resp: 58901
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





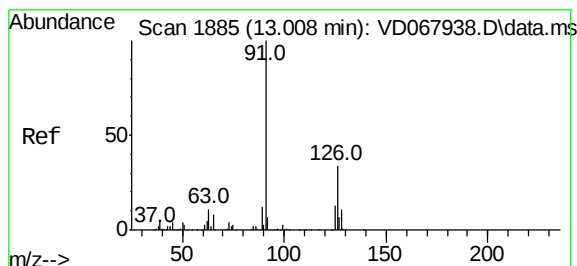
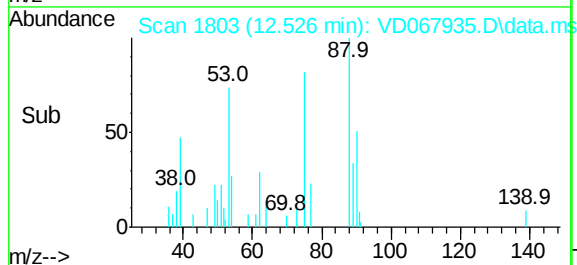
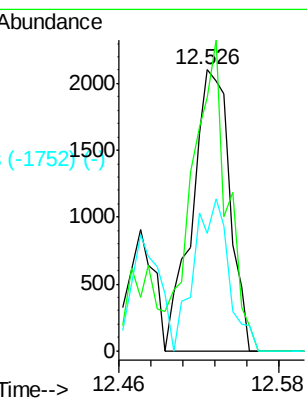
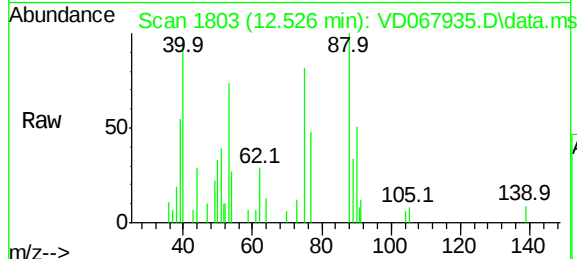
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 5.74 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	75	Resp:	3826
Ion	Ratio	Lower	Upper
75	100		
53	100.6	74.9	112.3
89	50.1	33.8	50.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

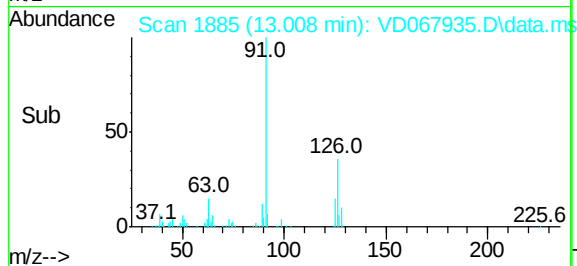
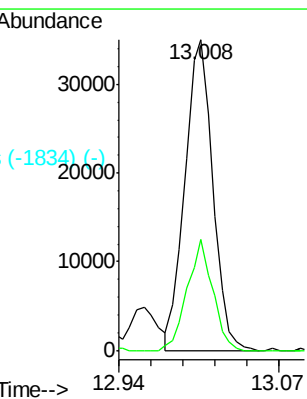
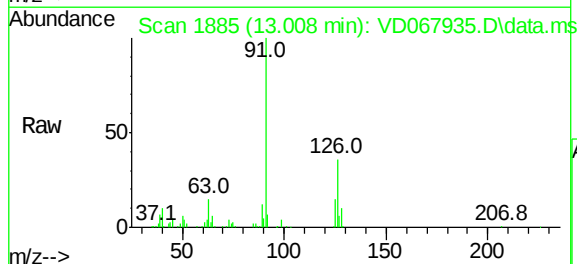
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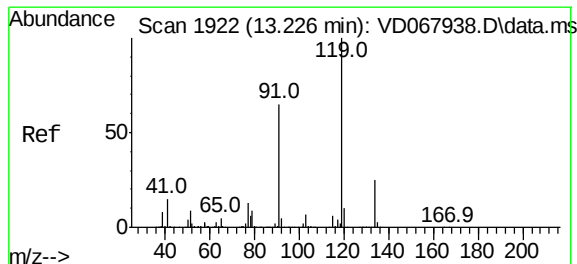
MMDadoda
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#200 (-)
4-Chlorotoluene
Concen: 5.47 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	91	Resp:	55691
Ion	Ratio	Lower	Upper
91	100		
126	32.9	17.0	51.0





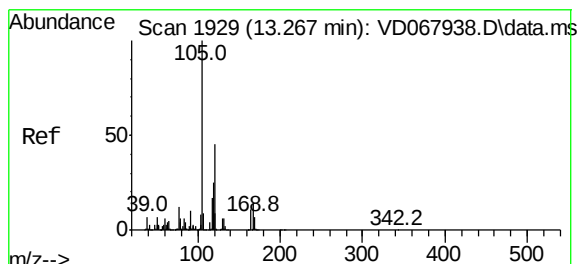
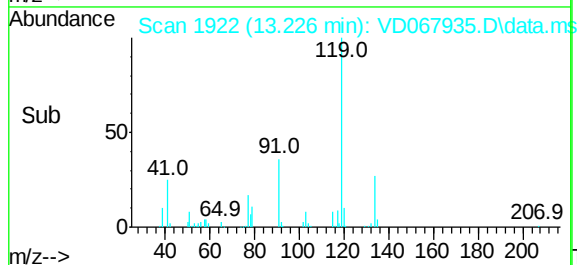
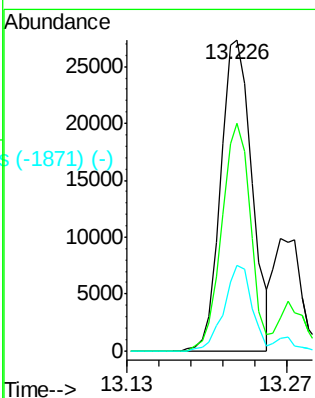
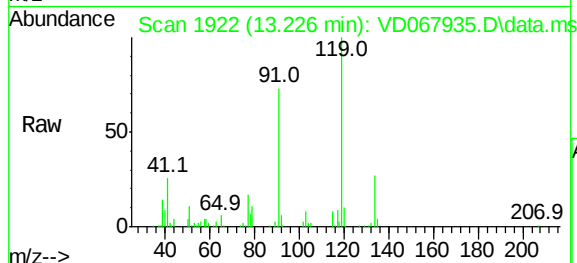
#813 (-)
tert-Butylbenzene
Concen: 4.64 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	119	Resp:	48613
Ion	Ratio	Lower	Upper
119	100		
91	67.4	32.7	98.1
134	24.8	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

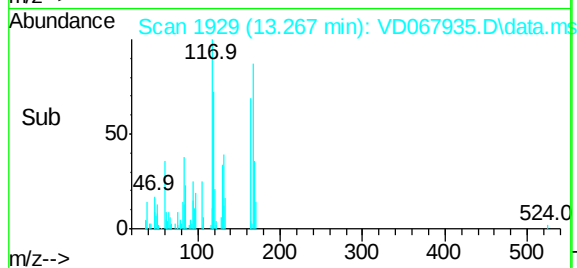
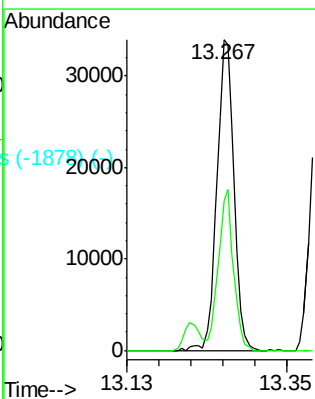
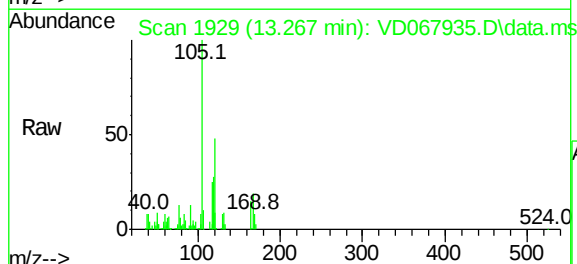
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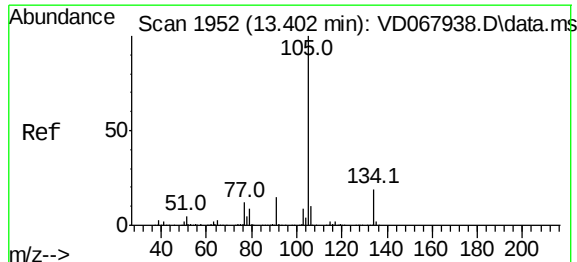
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#816 (-)
1,2,4-Trimethylbenzene
Concen: 4.55 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	105	Resp:	56361
Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.0





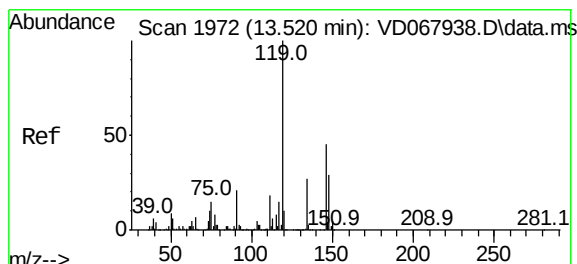
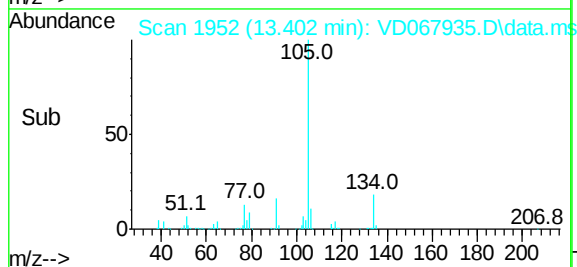
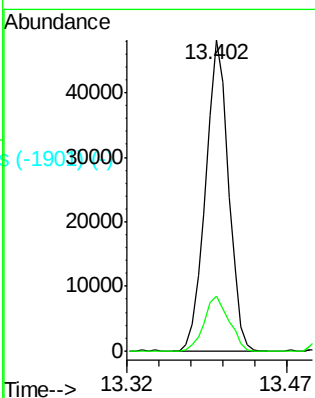
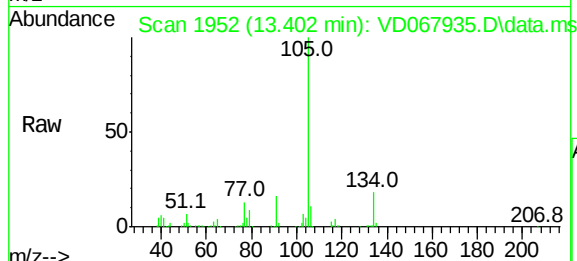
#8543 (-)
 sec-Butylbenzene
 Concen: 5.06 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion:105 Resp: 72215
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

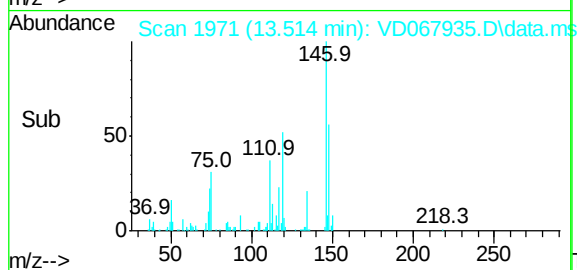
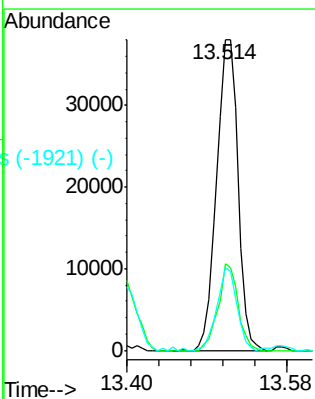
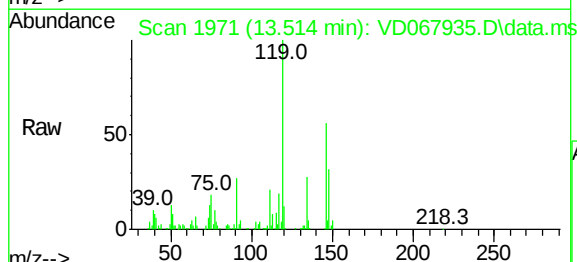
Manual Integrations
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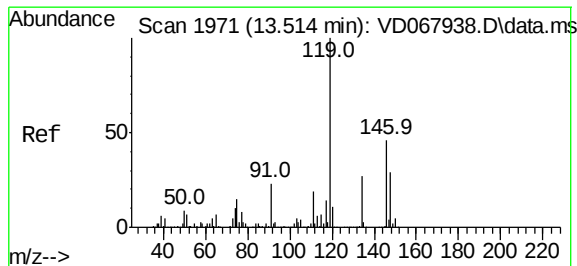
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#8564 (-)
 p-Isopropyltoluene
 Concen: 4.58 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067935.D
 Acq: 22 Dec 2020 15:51

Tgt Ion:119 Resp: 62969
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.8 11.4 34.2





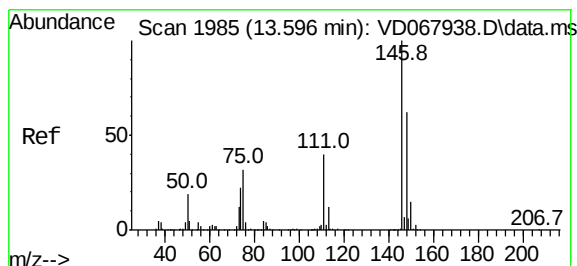
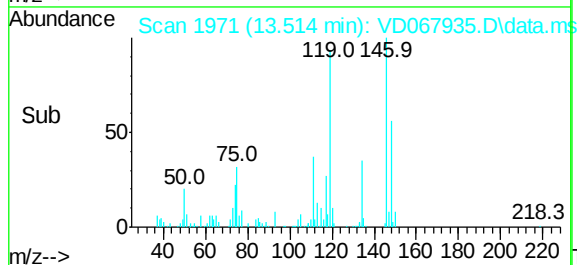
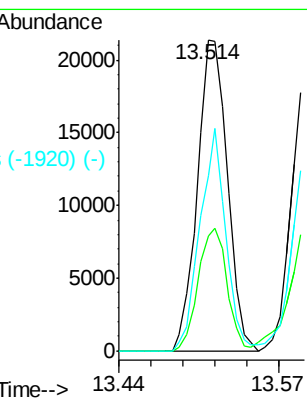
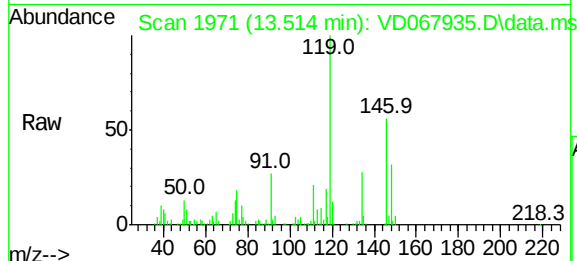
#863 (-)
1,3-Dichlorobenzene
Concen: 5.34 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	146	Resp:	36890
Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.3	60.9
148	61.8	31.8	95.4

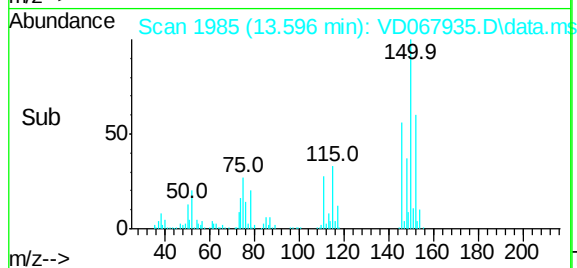
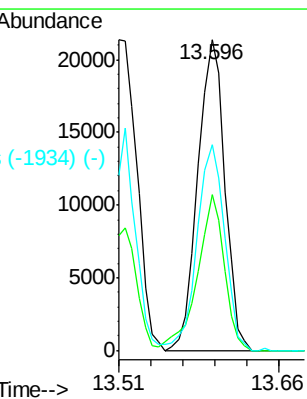
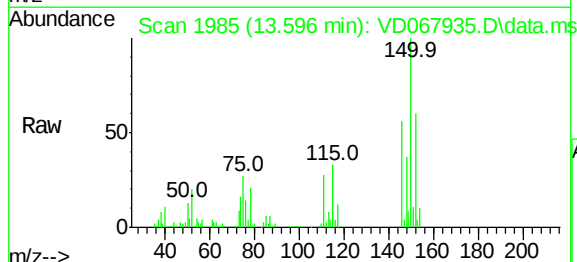
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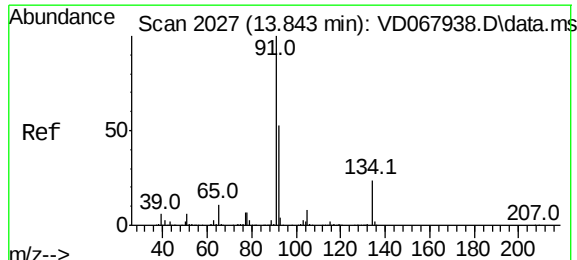
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#868 (-)
1,4-Dichlorobenzene
Concen: 5.14 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion:	146	Resp:	35454
Ion	Ratio	Lower	Upper
146	100		
111	49.7	19.4	58.2
148	67.4	31.9	95.9





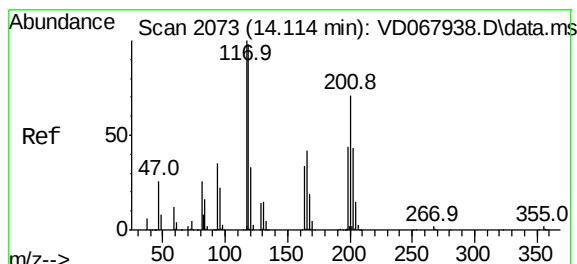
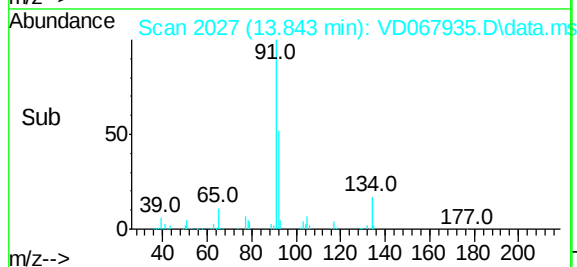
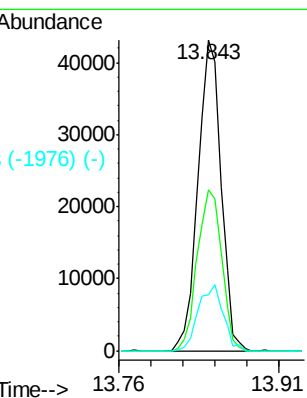
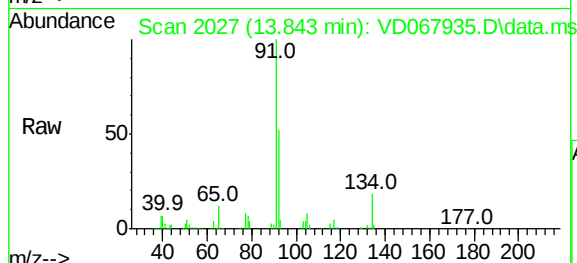
#9017 (-)
n-Butylbenzene
Concen: 5.55 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.8	80.3
134	23.1	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

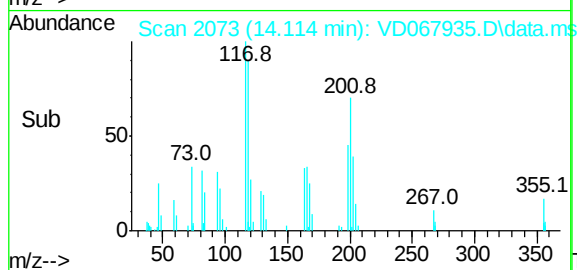
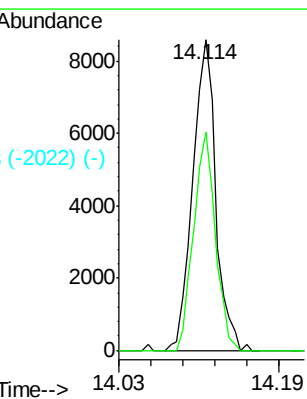
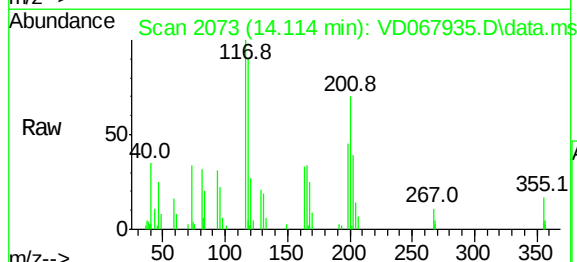
Manual Integrations
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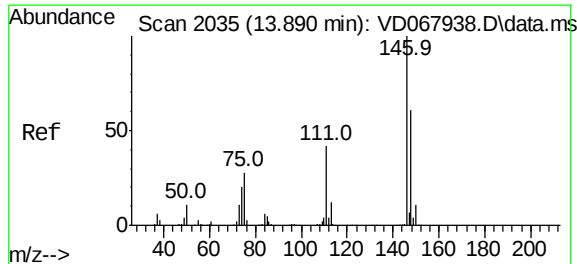
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#9064 (-)
Hexachloroethane
Concen: 5.28 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.0	34.3	102.8





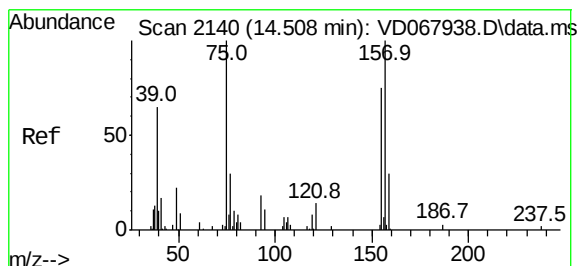
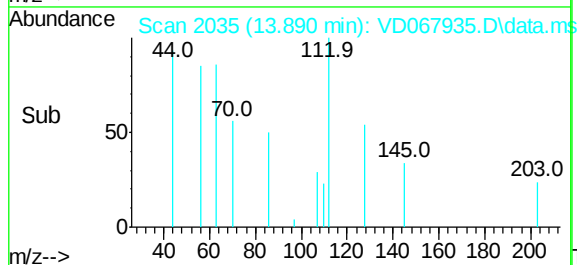
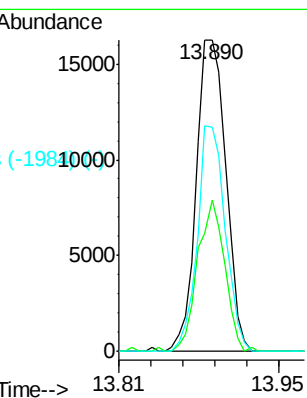
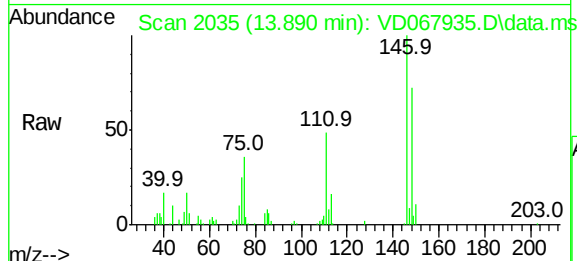
#9126 (-)
1,2-Dichlorobenzene
Concen: 4.96 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

Tgt Ion: 146 Resp: 29545
Ion Ratio Lower Upper
146 100
111 44.2 20.8 62.5
148 67.7 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

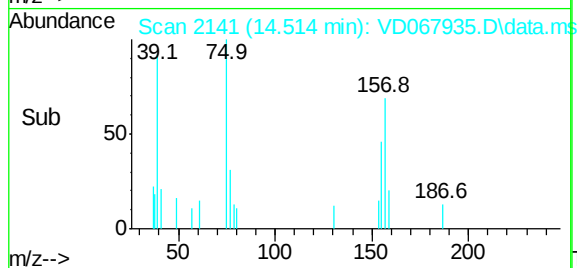
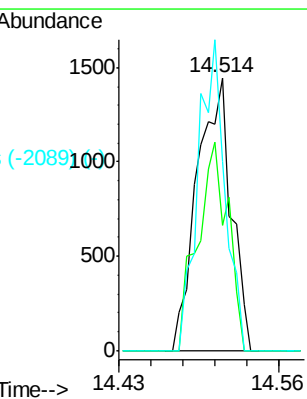
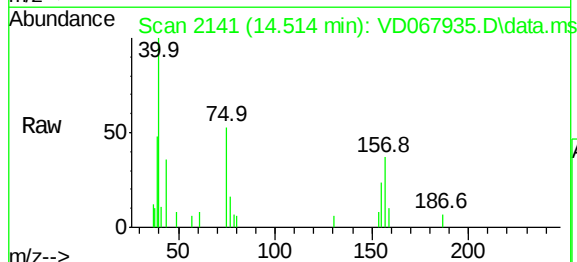
Manual Integrations
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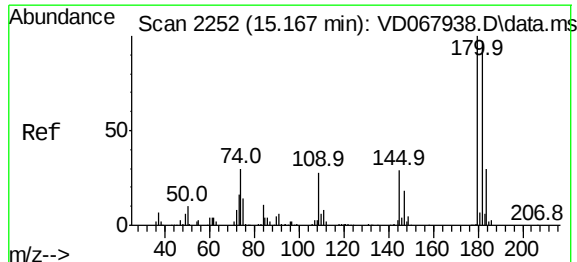
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#9131 (-)
1,2-Dibromo-3-Chloropropane
Concen: 7.13 ug/l
RT: 14.514 min Scan# 2141
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

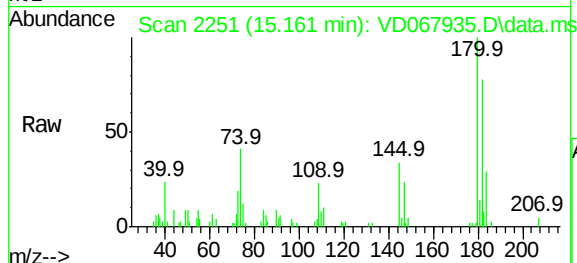
Tgt Ion: 75 Resp: 2820
Ion Ratio Lower Upper
75 100
155 68.3 39.8 119.3
157 89.8 50.6 151.9





#9342 (-)
1,2,4-Trichlorobenzene
Concen: 4.13 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

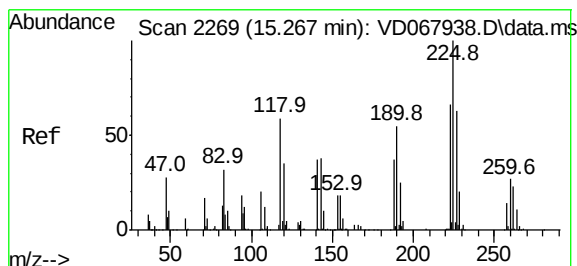
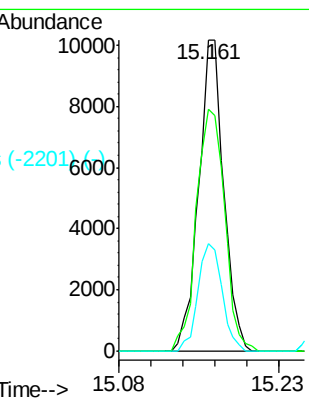
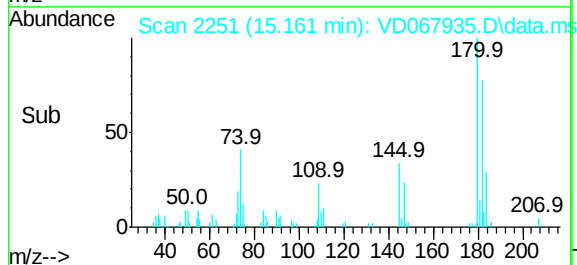
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



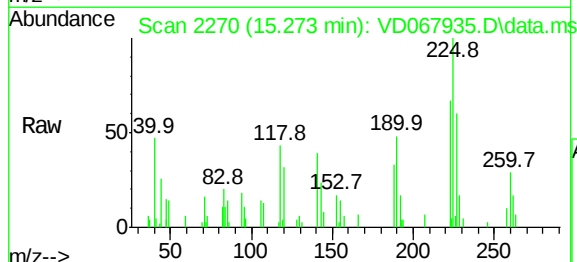
Tgt Ion:180 Resp: 16648
Ion Ratio Lower Upper
180 100
182 87.8 48.0 144.2
145 33.3 15.8 47.3

Manual Integrations
APPROVED

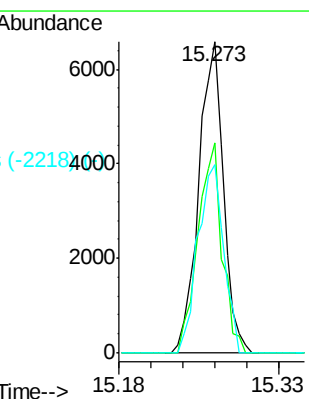
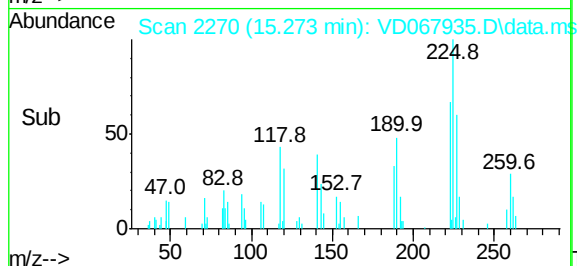
MMDadoda
12/23/2020 3:24:49 PM

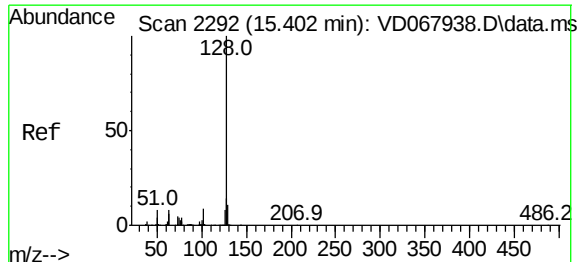


#9346 (-)
Hexachlorobutadiene
Concen: 4.08 ug/l
RT: 15.273 min Scan# 2270
Delta R.T. 0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51



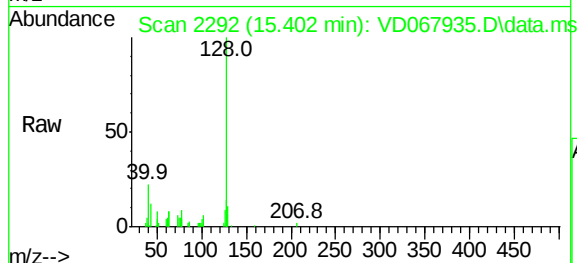
Tgt Ion:225 Resp: 10577
Ion Ratio Lower Upper
225 100
223 66.1 33.4 100.2
227 63.6 31.7 95.1





#9583 (-)
Naphthalene
Concen: 3.91 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51

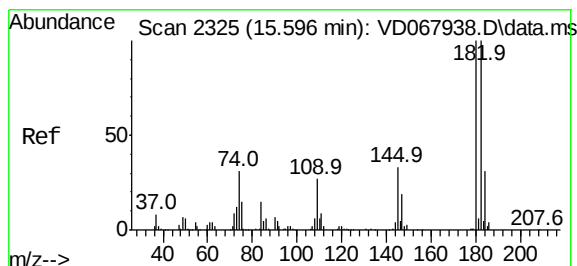
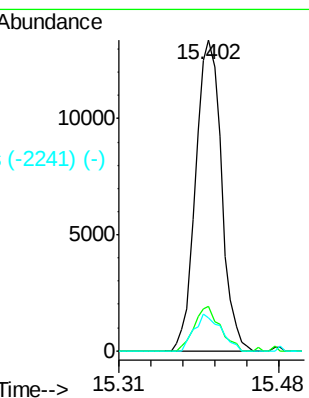
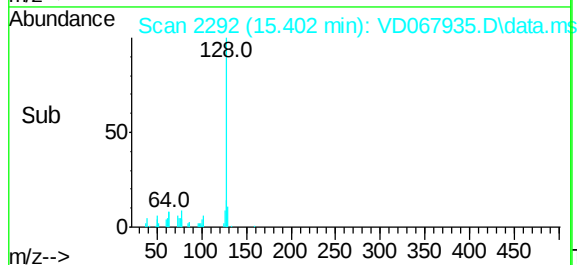
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



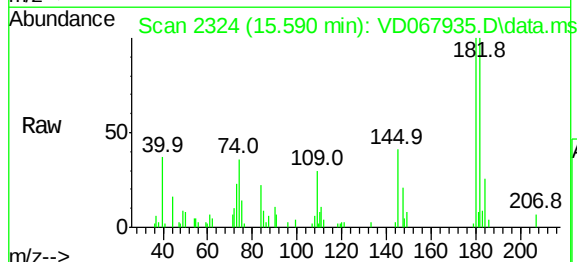
Tgt Ion:	128	Resp:	25904
Ion Ratio	Lower	Upper	
128	100		
127	14.3	11.2	16.8
129	12.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:24:49 PM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 4.17 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.006 min
Lab File: VD067935.D
Acq: 22 Dec 2020 15:51



Tgt Ion:	180	Resp:	14484
Ion Ratio	Lower	Upper	
180	100		
182	103.4	50.2	150.6
145	40.2	17.0	51.0

