

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122220\
 Data File : VD067937.D
 Acq On : 22 Dec 2020 16:45
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 12/23/2020 3:24:52 PM

Quant Time: Dec 23 07:09:05 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:02:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	277910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	492774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	451059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	216016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	69328	23.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.36%#
35) Dibromofluoromethane	7.914	113	67208	20.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.76%#
50) Toluene-d8	10.344	98	255818	21.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	43.98%#
62) 4-Bromofluorobenzene	12.632	95	86029	21.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	53601	21.69	ug/l	98
3) Chloromethane	2.209	50	84312	48.07	ug/l	96
4) Vinyl Chloride	2.350	62	77521	38.11	ug/l	100
5) Bromomethane	2.756	94	56765	33.33	ug/l	91
6) Chloroethane	2.921	64	47653	36.91	ug/l	100
7) Trichlorofluoromethane	3.274	101	111396	20.81	ug/l	99
8) Diethyl Ether	3.709	74	31362	27.81	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	66948	26.29	ug/l	97
10) Methyl Iodide	4.309	142	52901	19.84	ug/l	97
11) Tert butyl alcohol	5.215	59	25915	110.77	ug/l #	85
12) 1,1-Dichloroethene	4.068	96	63940	26.52	ug/l	95
13) Acrolein	3.921	56	21995	170.12	ug/l	95
14) Allyl chloride	4.715	41	115408	43.49	ug/l	99
15) Acrylonitrile	5.426	53	78055	187.59	ug/l	99
16) Acetone	4.156	43	61772	160.47	ug/l #	85
17) Carbon Disulfide	4.409	76	222269	31.28	ug/l	99
18) Methyl Acetate	4.715	43	36820	41.08	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	134269	26.27	ug/l	98
20) Methylene Chloride	4.968	84	98629	32.68	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	76795	27.59	ug/l	98
22) Diisopropyl ether	6.367	45	245358	45.83	ug/l	97
23) Vinyl Acetate	6.309	43	600731	207.91	ug/l	98
24) 1,1-Dichloroethane	6.267	63	143358	34.48	ug/l	98
25) 2-Butanone	7.215	43	90562	200.51	ug/l	93
26) 2,2-Dichloropropane	7.215	77	110244	24.17	ug/l	98
27) cis-1,2-Dichloroethene	7.220	96	81886	27.12	ug/l	96
28) Bromochloromethane	7.550	49	52119	36.83	ug/l	98
29) Tetrahydrofuran	7.567	42	61782	226.04	ug/l	96
30) Chloroform	7.714	83	141380	26.97	ug/l	99
31) Cyclohexane	7.985	56	126802	35.35	ug/l #	87
32) 1,1,1-Trichloroethane	7.903	97	117563	22.14	ug/l	99
36) 1,1-Dichloropropene	8.114	75	107345	24.42	ug/l	99
37) Ethyl Acetate	7.297	43	47307	36.48	ug/l	96
38) Carbon Tetrachloride	8.097	117	103624	16.78	ug/l	93
39) Methylcyclohexane	9.361	83	114368	22.24	ug/l	98
40) Benzene	8.356	78	311834	25.57	ug/l	99
41) Methacrylonitrile	7.532	41	27505m	41.13	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	88662	21.69	ug/l	99
43) Isopropyl Acetate	8.456	43	80418	32.15	ug/l	98
44) Trichloroethene	9.114	130	78187	19.77	ug/l	99
45) 1,2-Dichloropropane	9.391	63	82353	31.47	ug/l	100
46) Dibromomethane	9.479	93	39532	23.55	ug/l	99
47) Bromodichloromethane	9.667	83	106328	22.20	ug/l	94
48) Methyl methacrylate	9.456	41	44003	34.24	ug/l	95
49) 1,4-Dioxane	9.467	88	8305	432.22	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	210639	173.48	ug/l	97
52) Toluene	10.408	92	194916	23.42	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	95723	23.06	ug/l	95
54) cis-1,3-Dichloropropene	10.097	75	118717	25.69	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	56220	24.16	ug/l	93
56) Ethyl methacrylate	10.661	69	60670	25.19	ug/l #	93
57) 1,3-Dichloropropane	10.950	76	96859	25.67	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	138242	123.04	ug/l	98
59) 2-Hexanone	10.991	43	138921	166.27	ug/l	94
60) Dibromochloromethane	11.144	129	70447	20.77	ug/l	99
61) 1,2-Dibromoethane	11.250	107	52493	23.05	ug/l	99
64) Tetrachloroethene	10.879	164	64355	17.96	ug/l	97
65) Chlorobenzene	11.673	112	202704	21.77	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.744	131	71550	19.19	ug/l	97
67) Ethyl Benzene	11.750	91	356472	22.24	ug/l	97
68) m/p-Xylenes	11.855	106	276608	43.97	ug/l	99
69) o-Xylene	12.185	106	122451	21.94	ug/l	99
70) Styrene	12.197	104	218391	22.49	ug/l	98
71) Bromoform	12.367	173	35625	18.36	ug/l #	99
73) Isopropylbenzene	12.485	105	328603	22.04	ug/l	99
74) N-ethyl acetate	12.291	43	75869	36.10	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	62899	30.14	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	30509m	18.84	ug/l	
77) Bromobenzene	12.761	156	76415	20.90	ug/l	97
78) n-propylbenzene	12.820	91	411558	24.40	ug/l	100
79) 2-Chlorotoluene	12.908	91	234076	23.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	278484	21.73	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	18316	26.69	ug/l	98
82) 4-Chlorotoluene	13.008	91	247470	23.59	ug/l	99
83) tert-Butylbenzene	13.226	119	219999	20.39	ug/l	97
84) 1,2,4-Trimethylbenzene	13.273	105	282150	22.11	ug/l	100
85) sec-Butylbenzene	13.402	105	332618	22.61	ug/l	99
86) p-Isopropyltoluene	13.520	119	281207	19.85	ug/l	97
87) 1,3-Dichlorobenzene	13.520	146	150758	21.20	ug/l	99
88) 1,4-Dichlorobenzene	13.597	146	154565	21.76	ug/l	98
89) n-Butylbenzene	13.844	91	278347	23.03	ug/l	99
90) Hexachloroethane	14.114	117	59173	22.18	ug/l	98
91) 1,2-Dichlorobenzene	13.891	146	125691	20.50	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9426	23.16	ug/l	94
93) 1,2,4-Trichlorobenzene	15.161	180	73039	17.59	ug/l	99
94) Hexachlorobutadiene	15.267	225	43685	16.38	ug/l	94
95) Naphthalene	15.402	128	128798	18.86	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	65146	18.21	ug/l	96

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

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Manual Integrations

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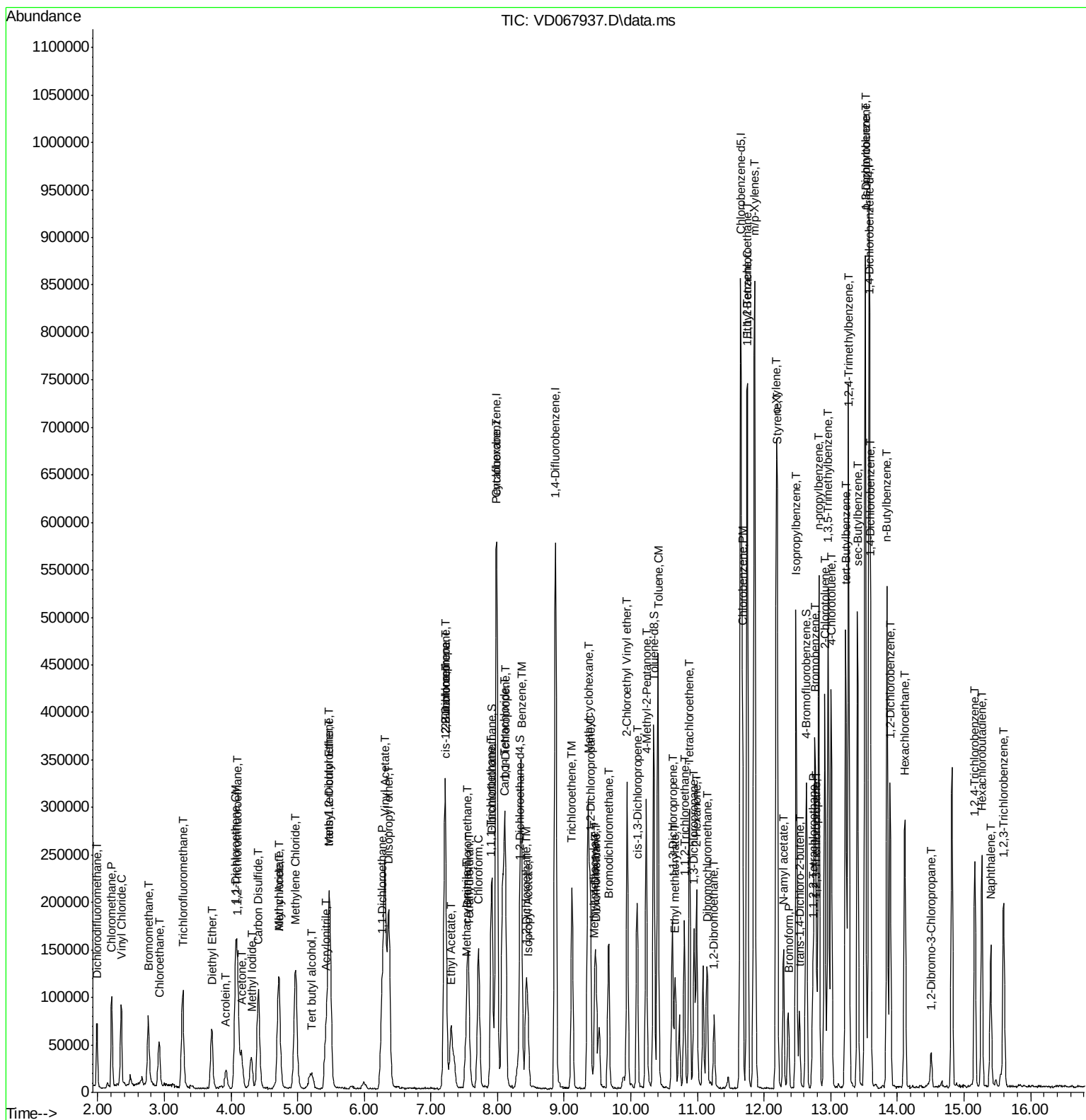
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122220\
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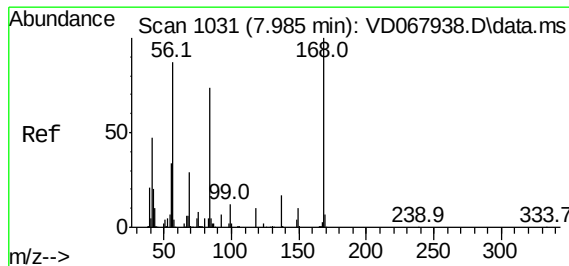
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

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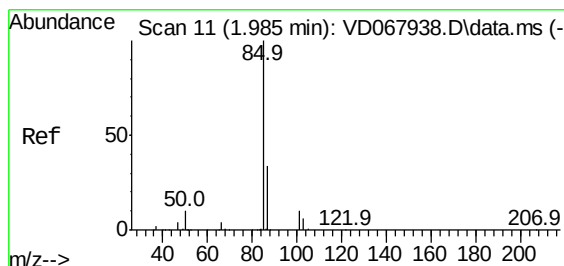
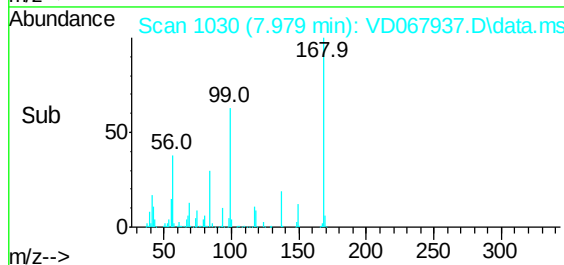
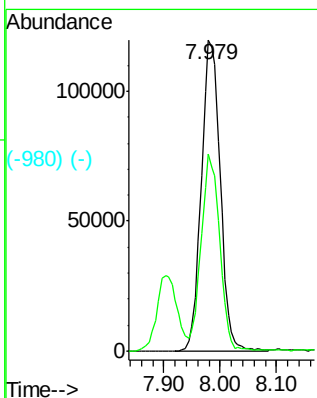
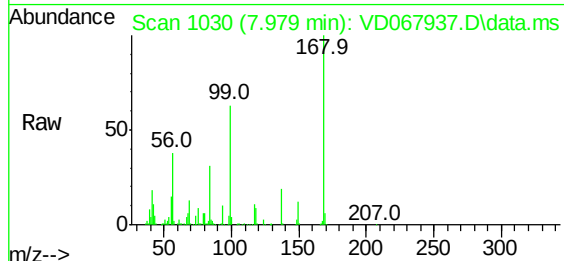
#19 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:168 Resp: 277910
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0

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VSTDIC020

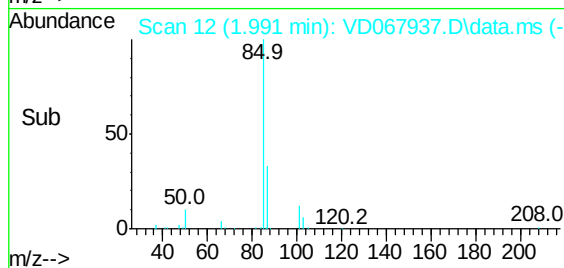
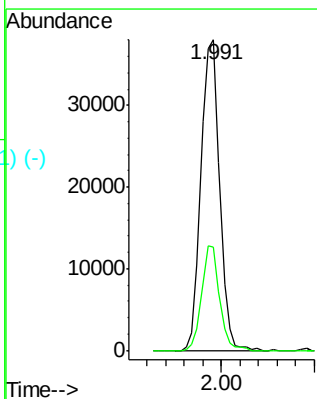
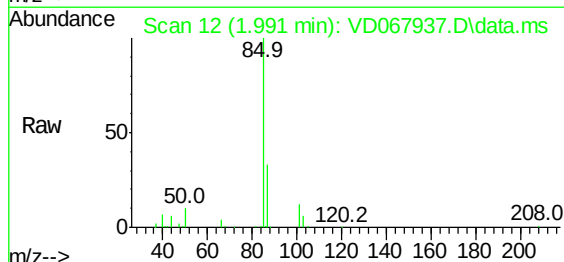
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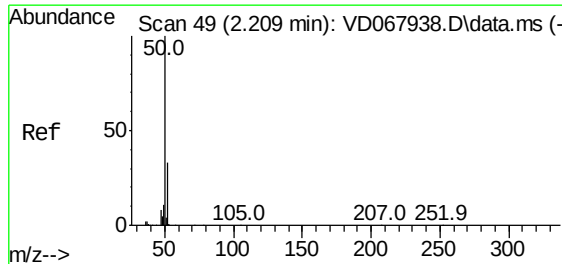
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#2
Dichlorodifluoromethane
Concen: 21.69 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 85 Resp: 53601
Ion Ratio Lower Upper
85 100
87 33.3 17.1 51.3





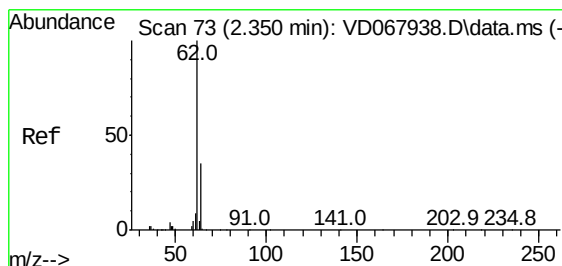
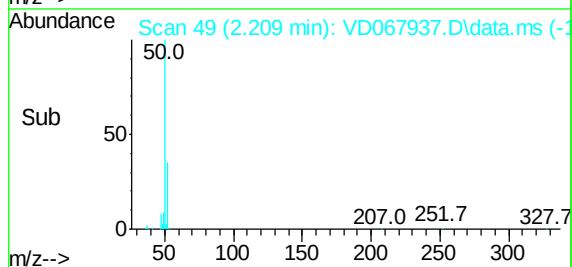
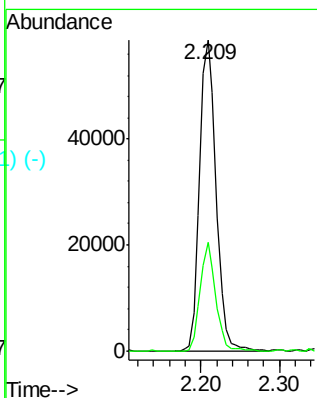
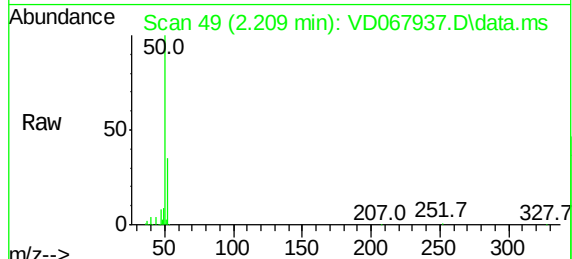
Chloromethane
Concen: 48.07 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 50 Resp: 84312
Ion Ratio Lower Upper
50 100
52 35.1 26.2 39.4

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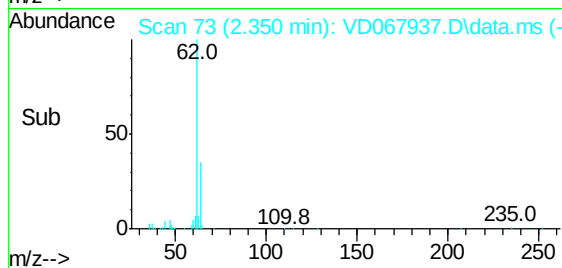
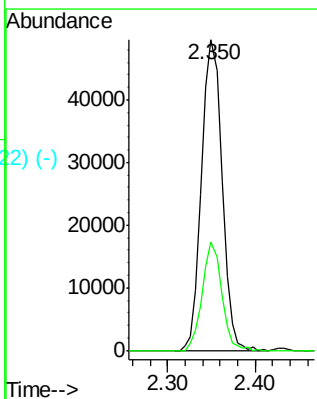
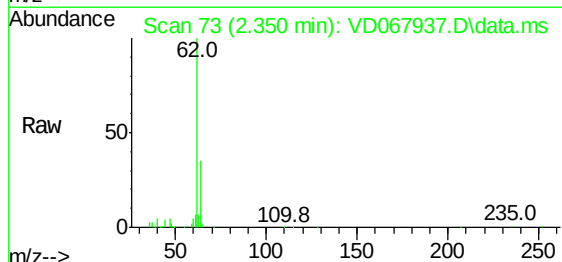
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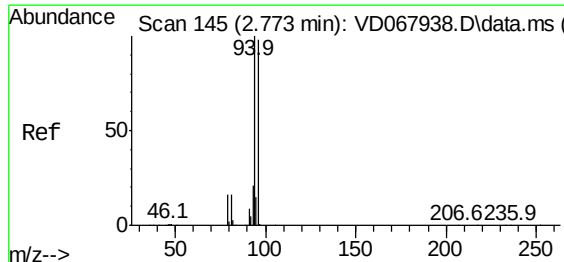
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Vinyl Chloride
Concen: 38.11 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 62 Resp: 77521
Ion Ratio Lower Upper
62 100
64 34.8 28.1 42.1





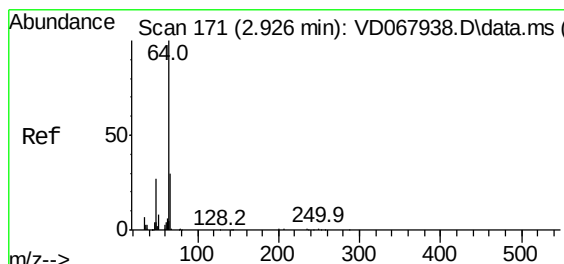
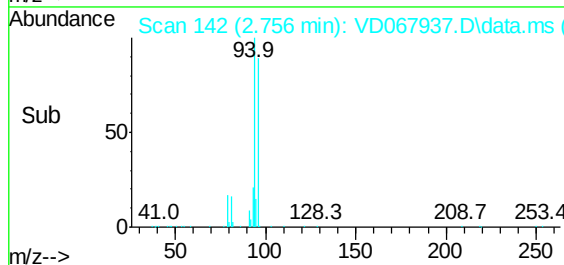
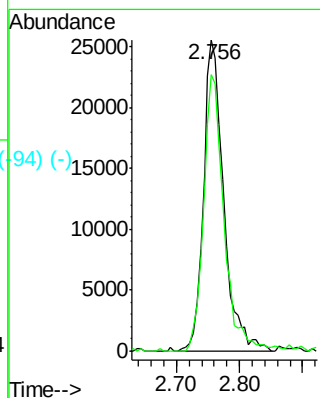
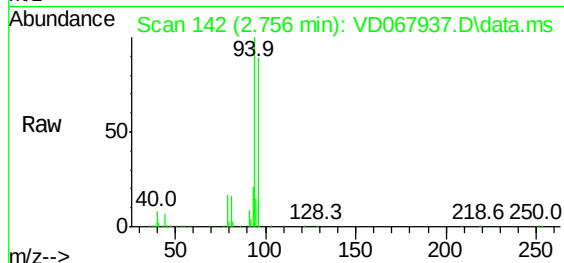
Bromomethane
 Concen: 33.33 ug/l
 RT: 2.756 min Scan# 142
 Delta R.T. -0.017 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	94	Resp:	56765
Ion	Ratio	Lower	Upper
94	100		
96	89.1	78.0	117.0

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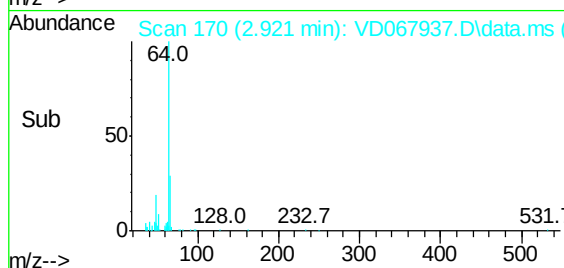
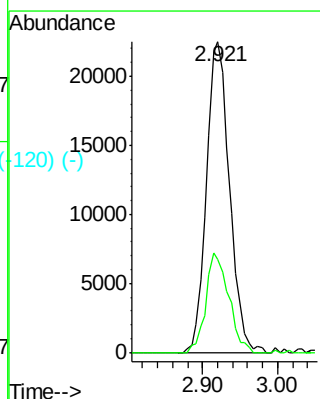
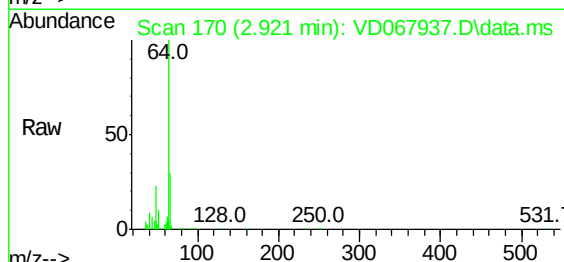
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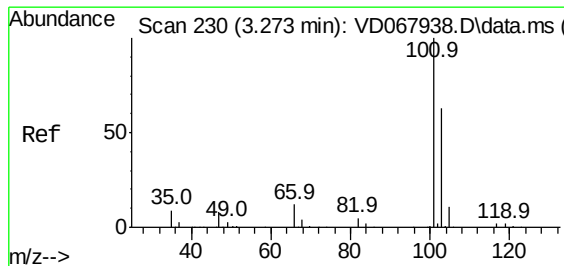
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Chloroethane
 Concen: 36.91 ug/l
 RT: 2.921 min Scan# 170
 Delta R.T. -0.006 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

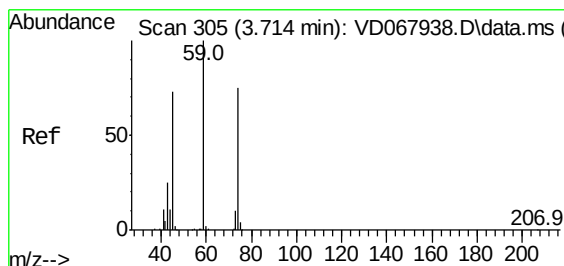
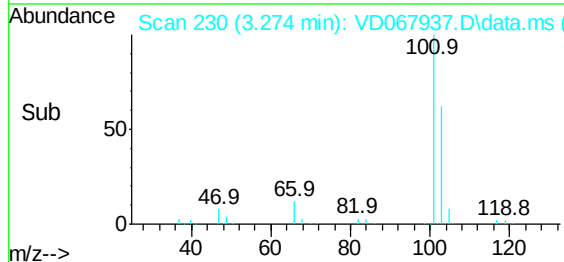
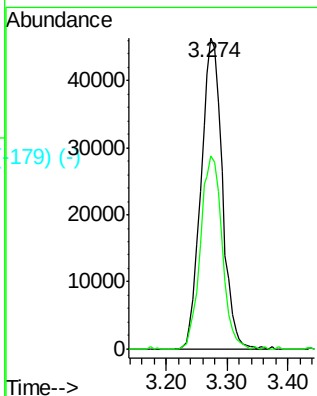
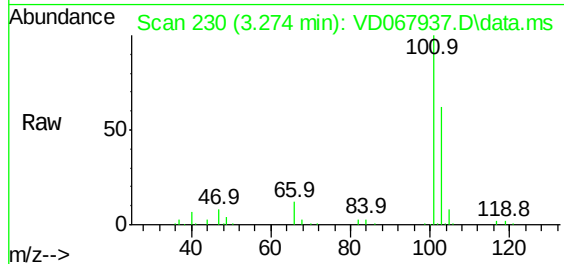
Tgt Ion:	64	Resp:	47653
Ion	Ratio	Lower	Upper
64	100		
66	29.8	24.1	36.1





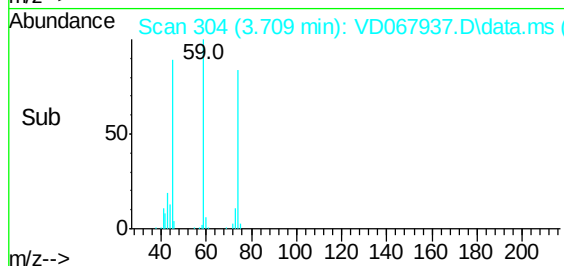
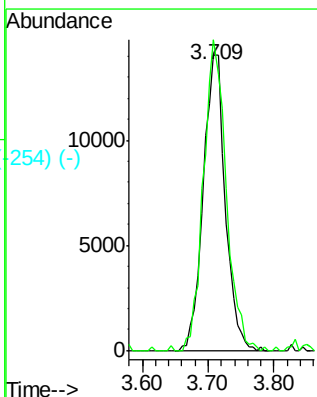
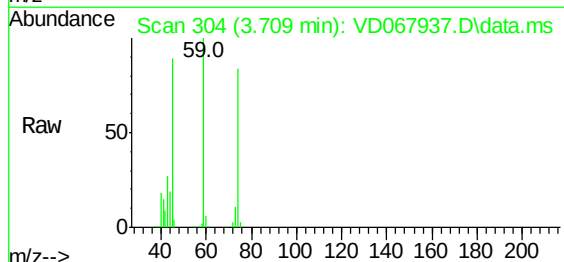
Trichlorofluoromethane
Concen: 20.81 ug/l
RT: 3.274 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 101 Resp: 111396
Ion Ratio Lower Upper
101 100
103 62.2 50.4 75.6



Diethyl Ether
Concen: 27.81 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

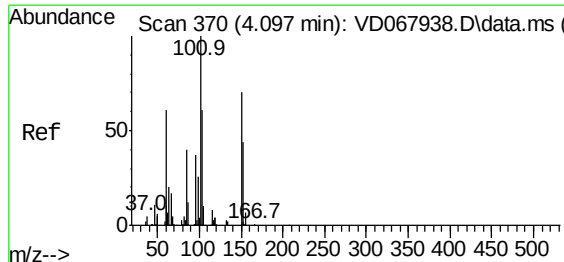
Tgt Ion: 74 Resp: 31362
Ion Ratio Lower Upper
74 100
45 108.8 51.8 155.5



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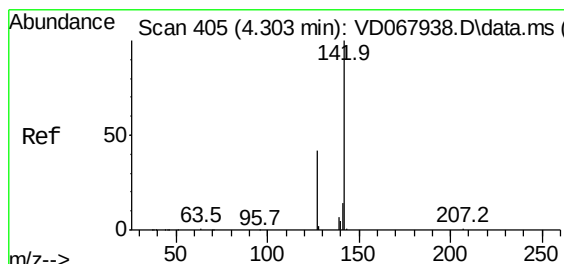
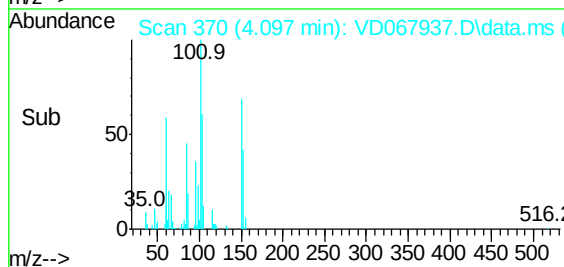
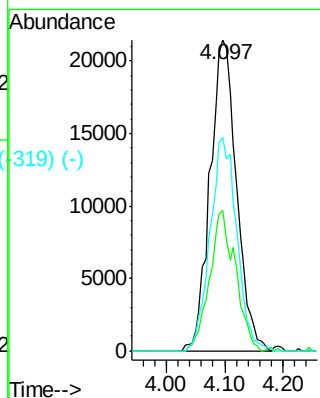
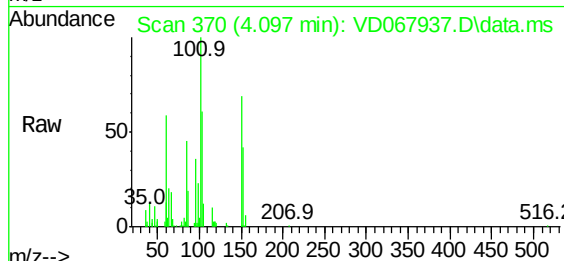
1,1,2-Trichlorotrifluoroethane
 Concen: 26.29 ug/l
 RT: 4.097 min Scan# 370
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	101	Resp:	66948
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.2	51.2
151	69.4	57.6	86.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

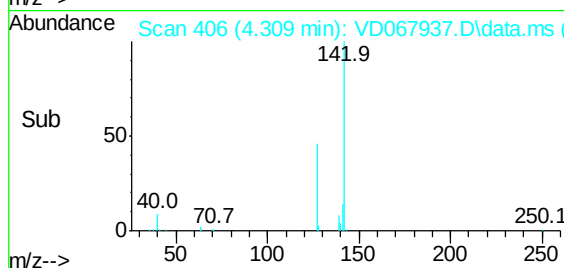
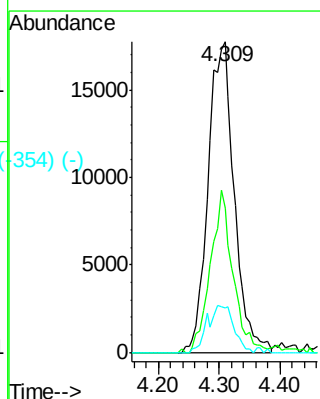
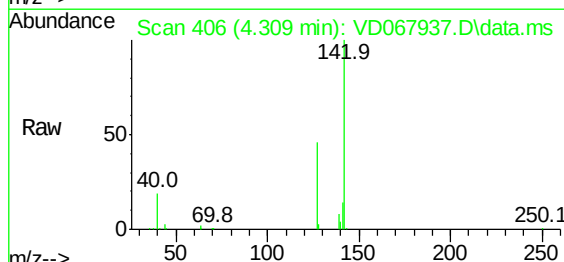
Manual Integrations
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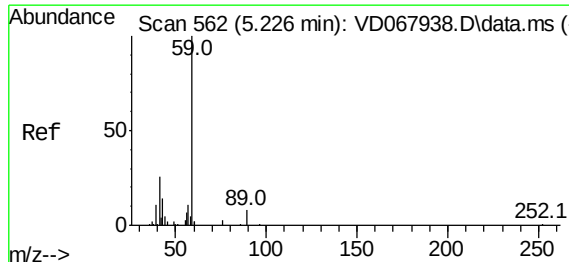
MMDadoda
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Methyl Iodide
 Concen: 19.84 ug/l
 RT: 4.309 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	142	Resp:	52901
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.4	51.6
141	15.3	11.8	17.8





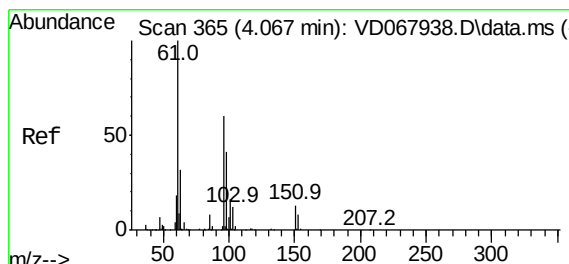
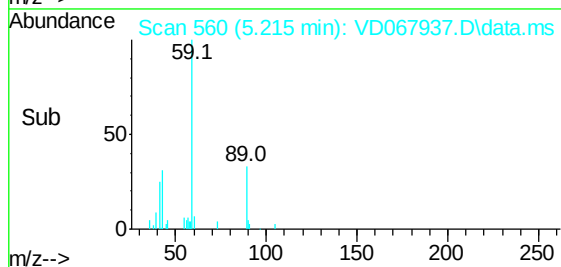
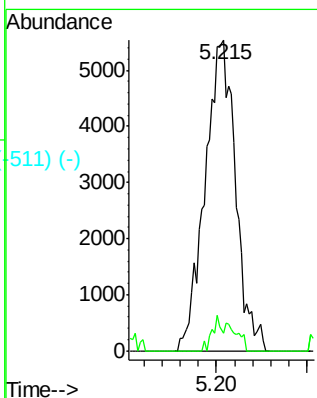
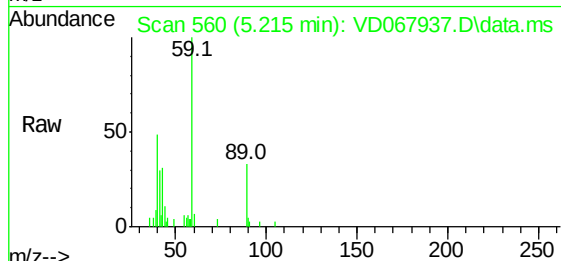
Tert butyl alcohol
 Concen: 110.77 ug/l
 RT: 5.215 min Scan# 560
 Delta R.T. -0.012 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	59	Resp:	25915
Ion Ratio	Lower	Upper	
59	100		
57	3.8	7.4	11.2#

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

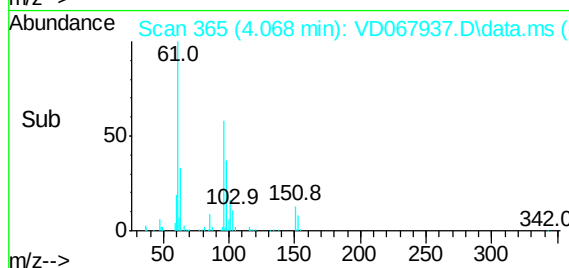
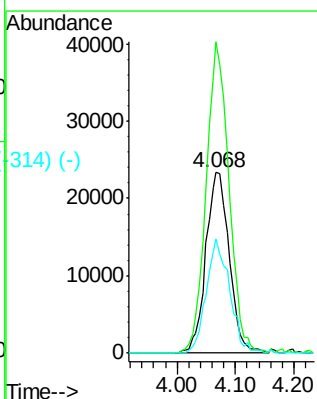
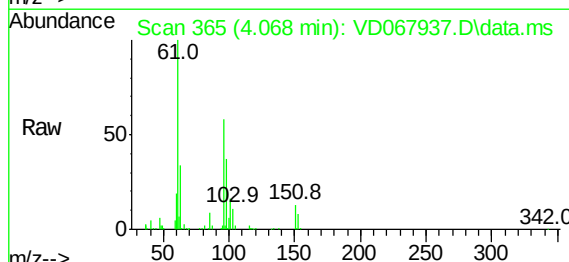
Manual Integrations
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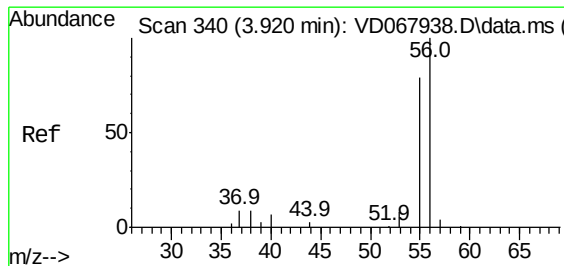
MMDadoda
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1,1-Dichloroethene
 Concen: 26.52 ug/l
 RT: 4.068 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	96	Resp:	63940
Ion Ratio	Lower	Upper	
96	100		
61	172.7	133.6	200.4
98	63.1	54.8	82.2





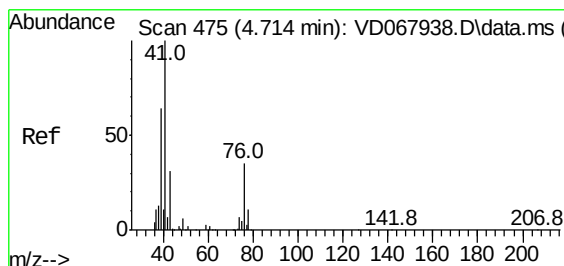
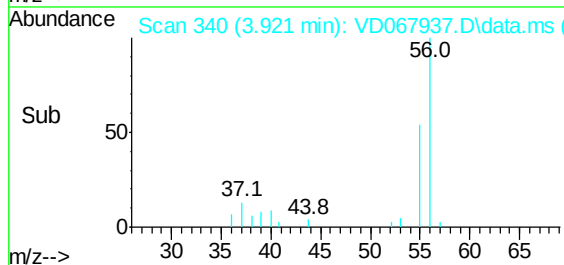
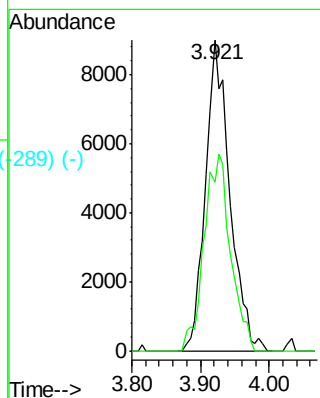
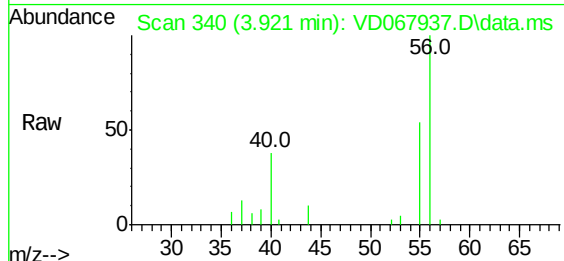
Acrolein
Concen: 170.12 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 56 Resp: 21995
Ion Ratio Lower Upper
56 100
55 68.8 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

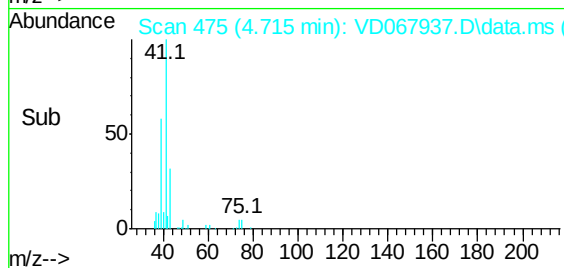
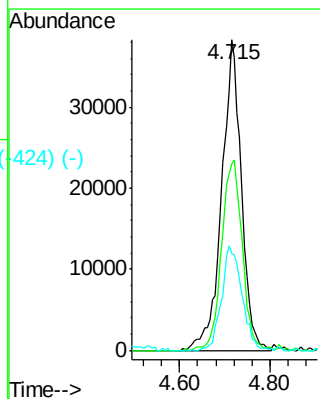
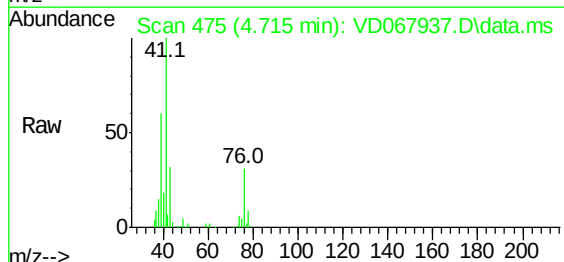
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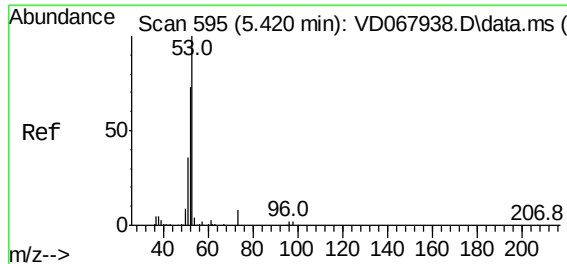
MMDadoda
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Allyl chloride
Concen: 43.49 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 41 Resp: 115408
Ion Ratio Lower Upper
41 100
39 63.6 50.5 75.7
76 34.6 27.0 40.4





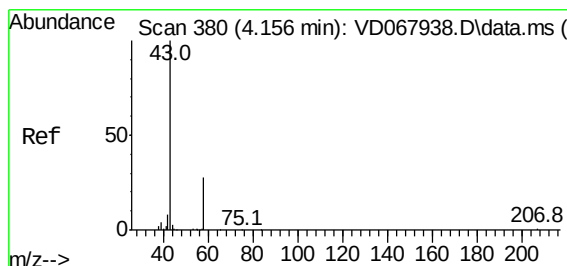
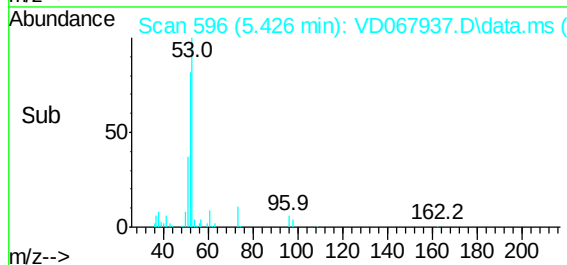
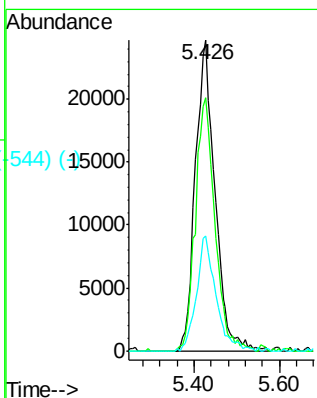
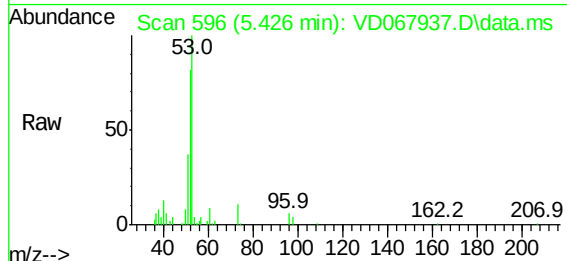
Acrylonitrile
Concen: 187.59 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 53 Resp: 78055
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.6 29.4 44.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

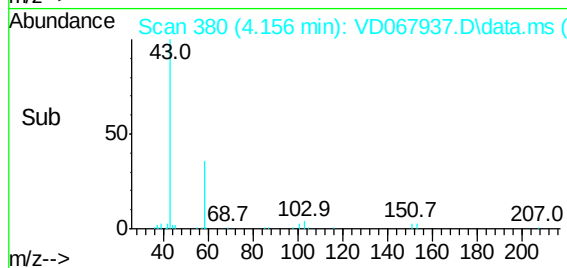
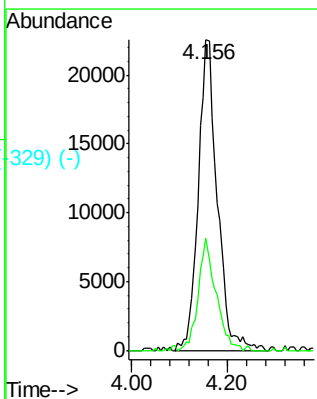
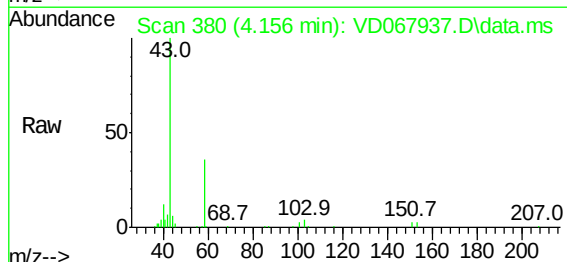
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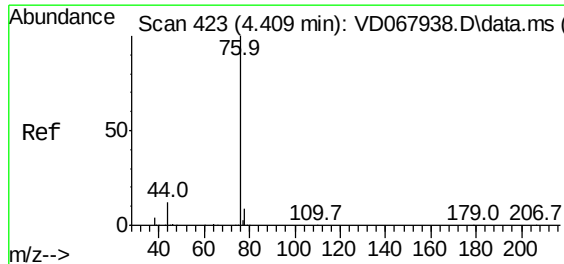
MMDadoda
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Acetone
Concen: 160.47 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 61772
Ion Ratio Lower Upper
43 100
58 36.0 22.3 33.5#





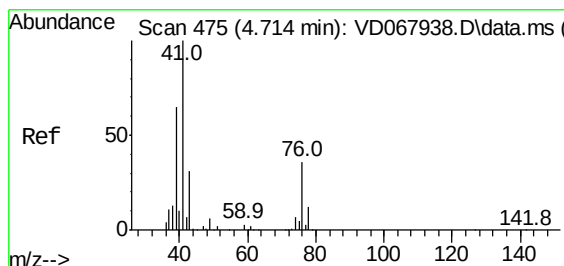
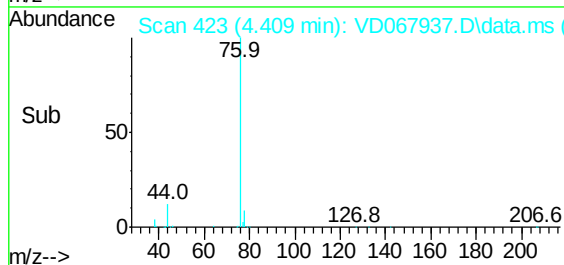
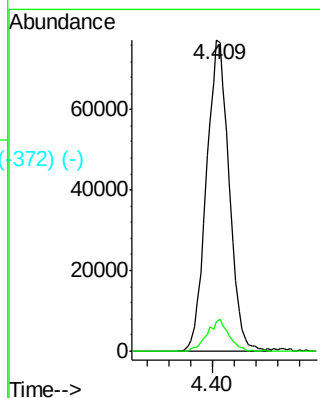
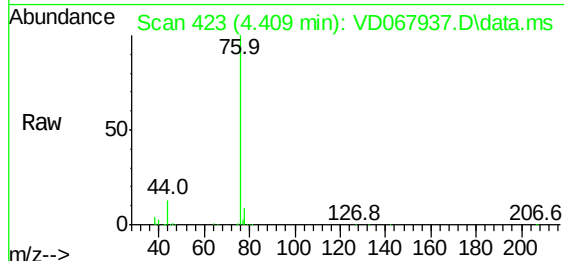
Carbon Disulfide
Concen: 31.28 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 222269
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

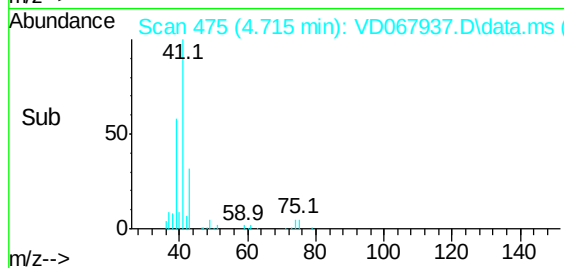
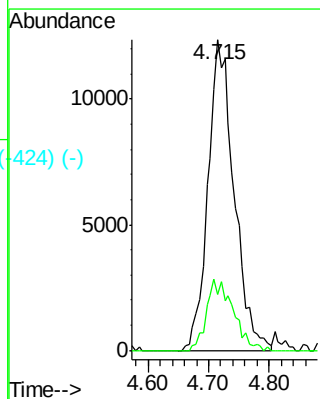
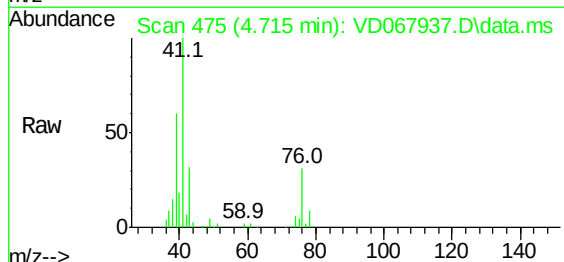
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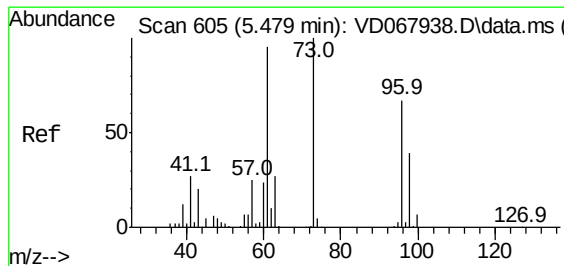
MMDadoda
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Methyl Acetate
Concen: 41.08 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

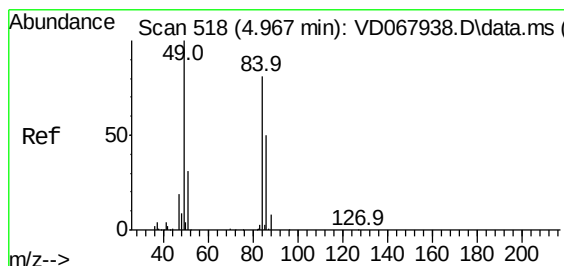
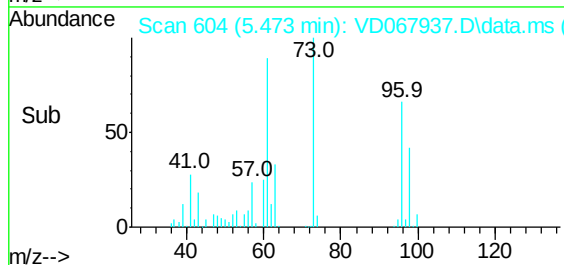
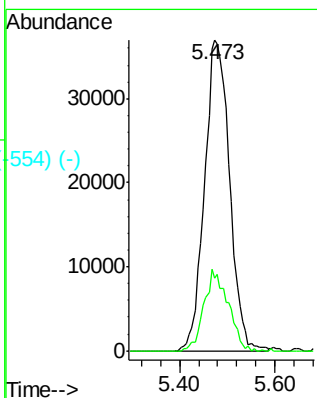
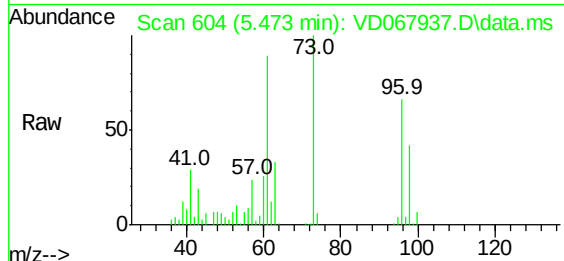
Tgt Ion: 43 Resp: 36820
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2





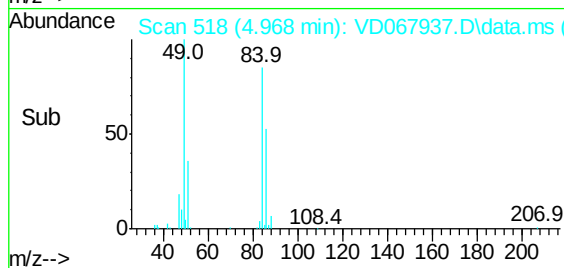
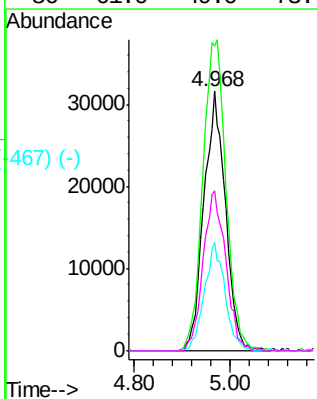
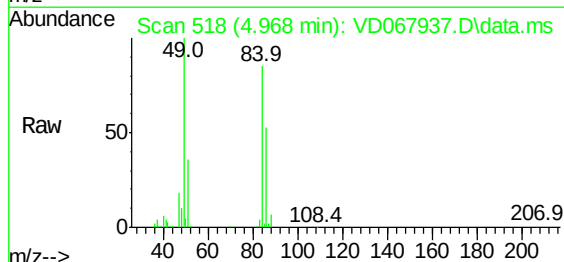
Methyl tert-butyl Ether
 Concen: 26.27 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion: 73 Resp: 134269
 Ion Ratio Lower Upper
 73 100
 57 23.5 19.8 29.6



Methylene Chloride
 Concen: 32.68 ug/l
 RT: 4.968 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

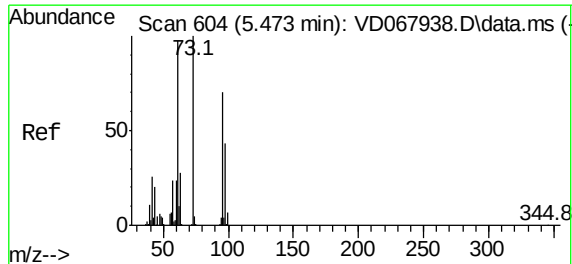
Tgt Ion: 84 Resp: 98629
 Ion Ratio Lower Upper
 84 100
 49 117.2 98.3 147.5
 51 42.0 30.3 45.5
 86 61.6 49.0 73.4



Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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trans-1,2-Dichloroethene
Concen: 27.59 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

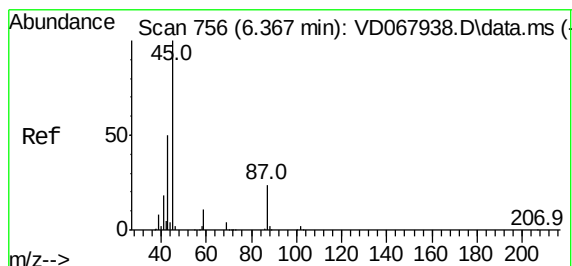
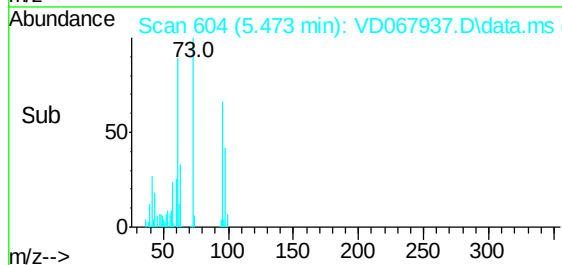
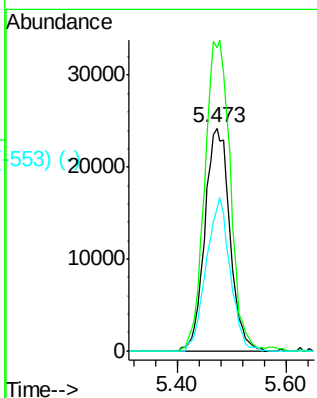
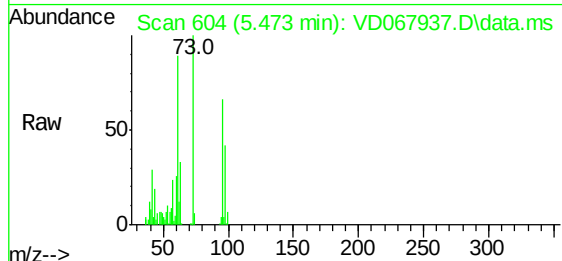
Tgt Ion: 96 Resp: 76795

Ion	Ratio	Lower	Upper
96	100		
61	136.2	109.9	164.9
98	64.3	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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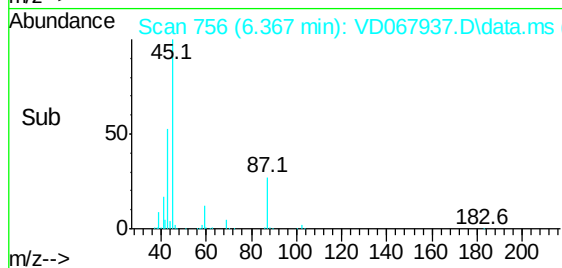
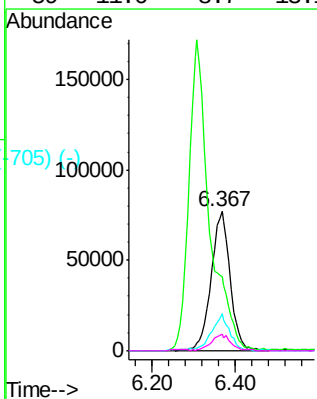
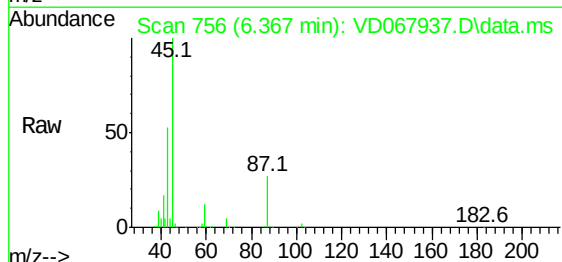
MMDadoda
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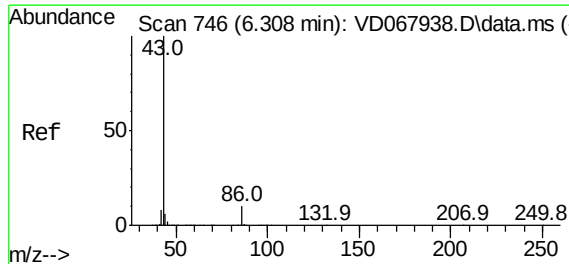


Diisopropyl ether
Concen: 45.83 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 45 Resp: 245358

Ion	Ratio	Lower	Upper
45	100		
43	51.9	40.2	60.4
87	26.2	19.2	28.8
59	11.6	8.7	13.1



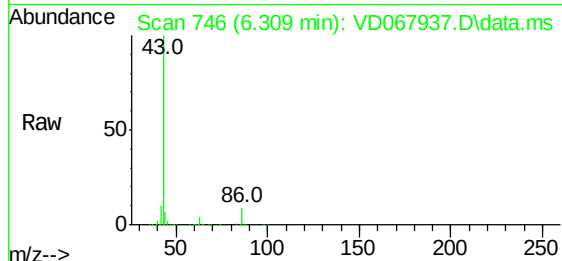


Vinyl Acetate
Concen: 207.91 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

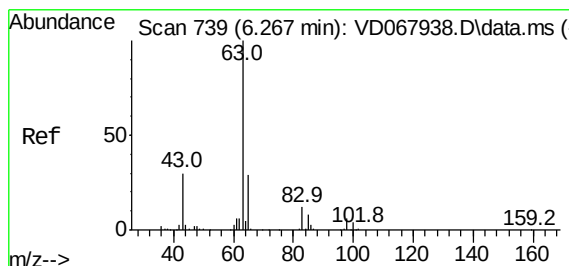
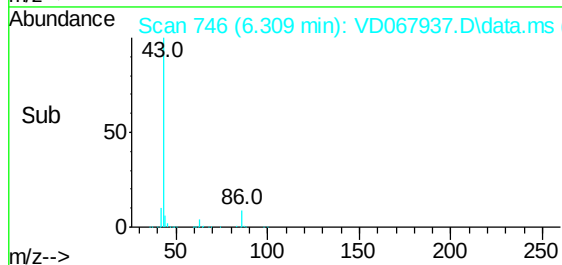
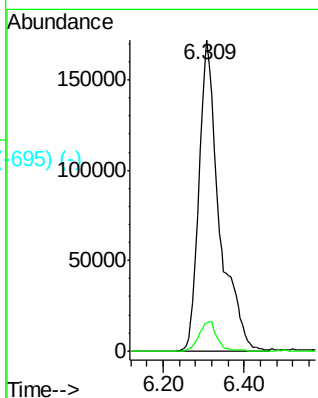
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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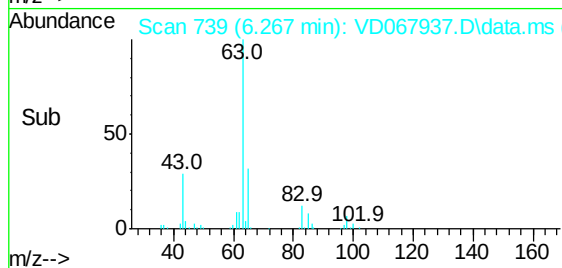
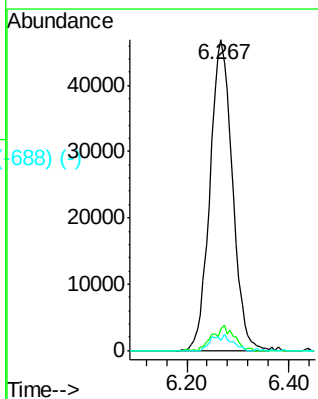
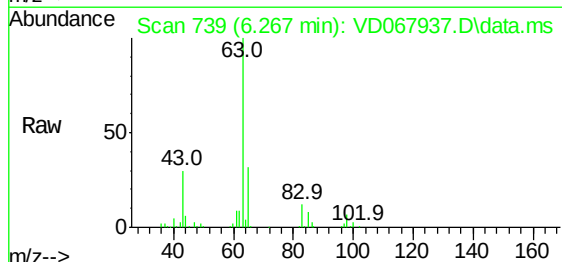


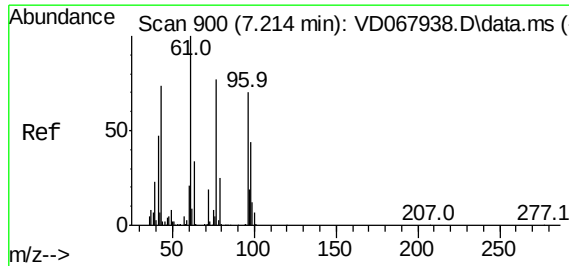
Tgt Ion: 43 Resp: 600731
Ion Ratio Lower Upper
43 100
86 9.1 7.9 11.9



1,1-Dichloroethane
Concen: 34.48 ug/l
RT: 6.267 min Scan# 739
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 63 Resp: 143358
Ion Ratio Lower Upper
63 100
98 6.8 2.9 8.6
100 3.3 1.9 5.7





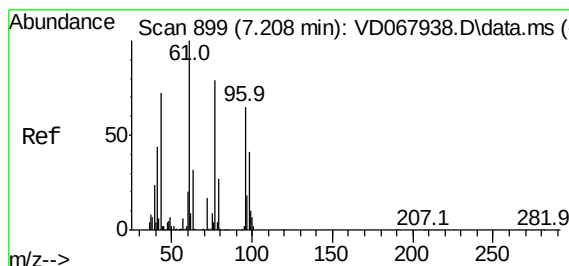
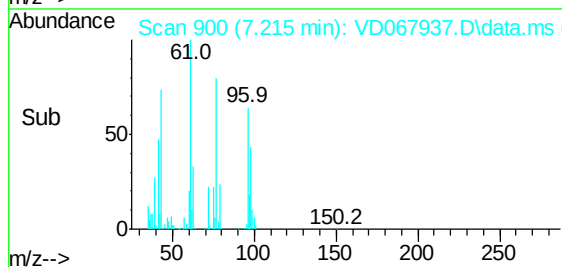
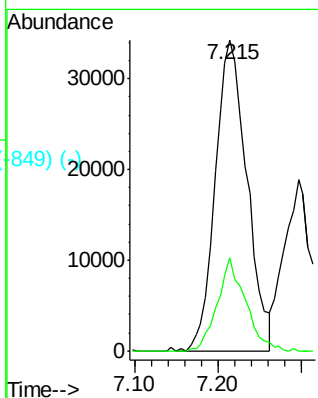
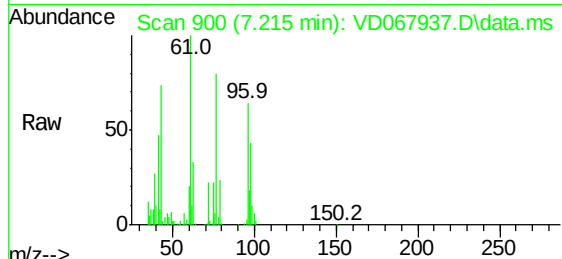
2-Butanone
Concen: 200.51 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 90562
Ion Ratio Lower Upper
43 100
72 29.8 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

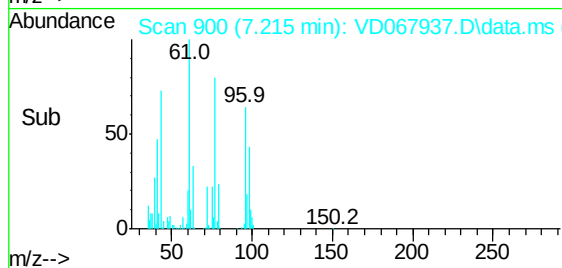
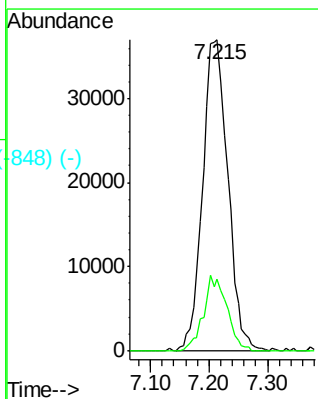
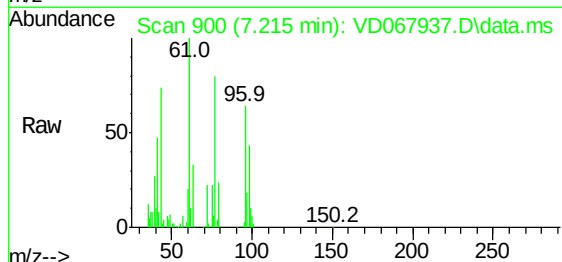
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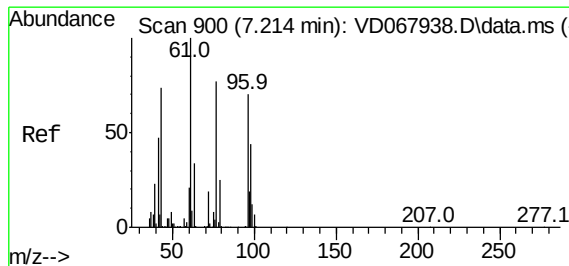
MMDadoda
12/23/2020 3:24:52 PM



2,2-Dichloropropane
Concen: 24.17 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 77 Resp: 110244
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





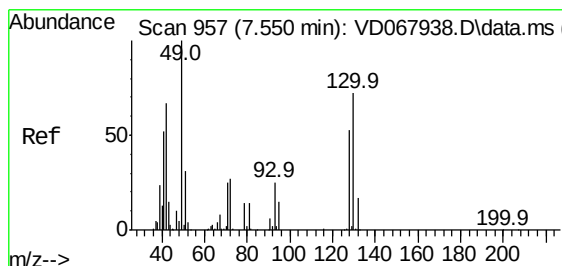
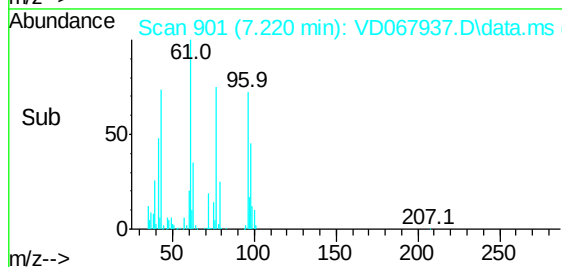
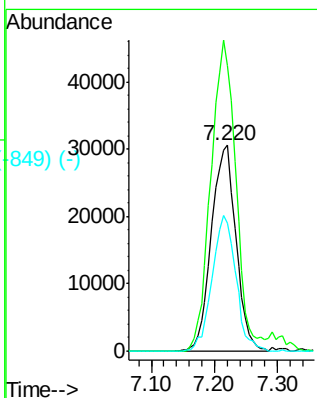
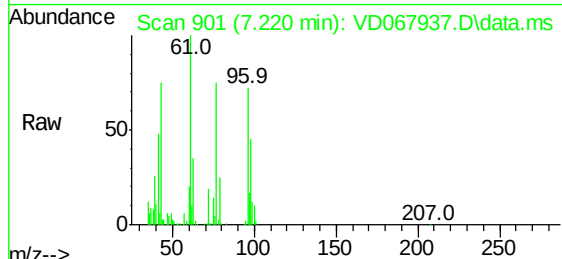
cis-1,2-Dichloroethene
Concen: 27.12 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	96	Resp:	81886
Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	295.4
98	63.6	0.0	130.4

Instrument :
MSVOA_D
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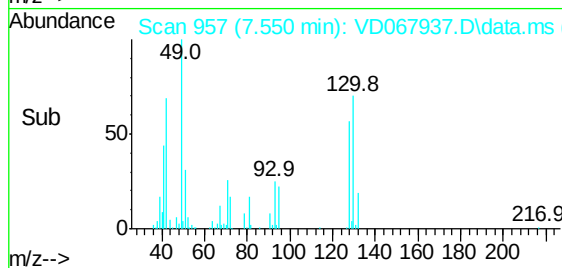
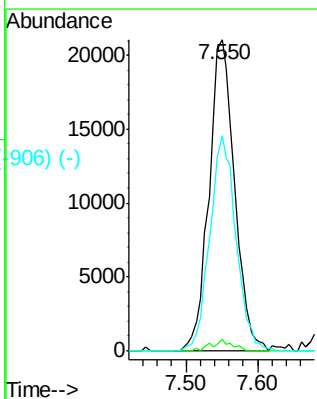
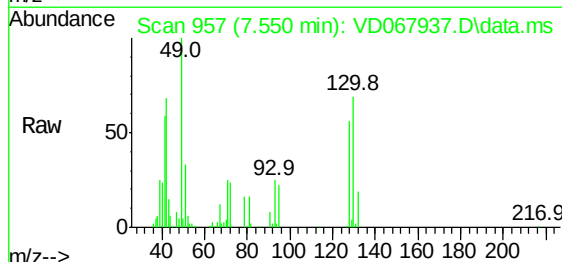
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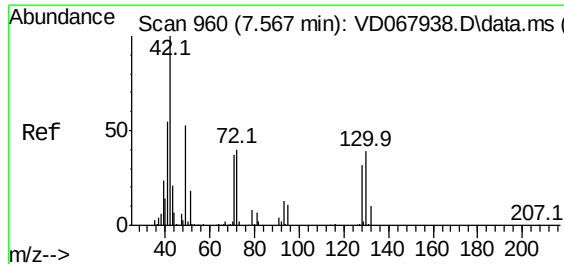
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Bromochloromethane
Concen: 36.83 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	49	Resp:	52119
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	70.4	54.8	82.2





Tetrahydrofuran
Concen: 226.04 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

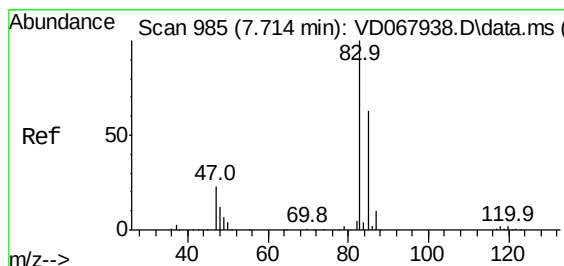
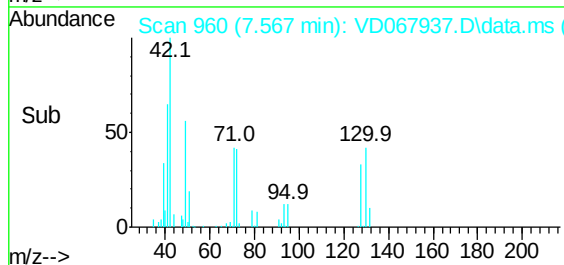
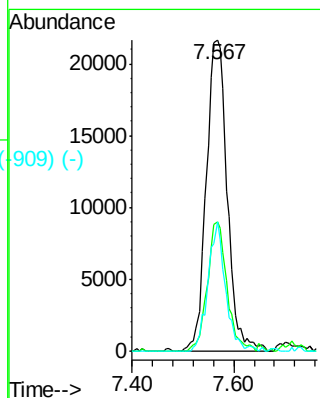
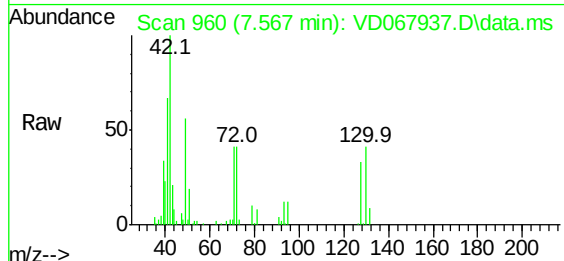
Tgt Ion: 42 Resp: 61782

Ion	Ratio	Lower	Upper
42	100		
72	38.8	32.9	49.3
71	34.4	29.9	44.9

Instrument :
MSVOA_D
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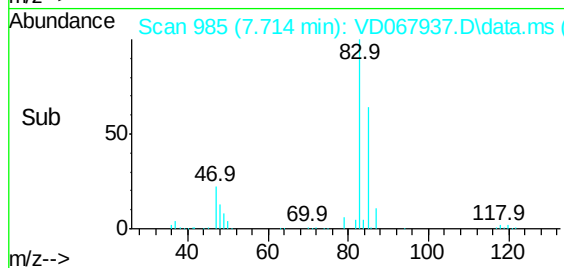
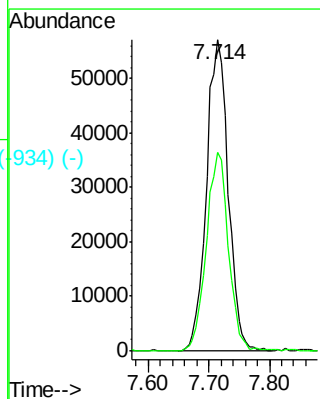
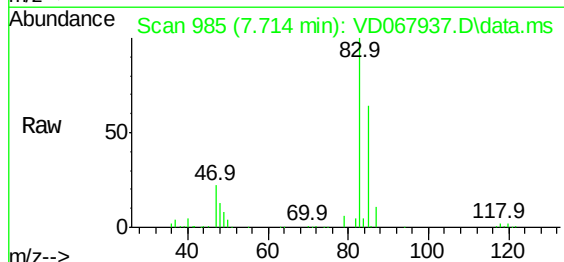
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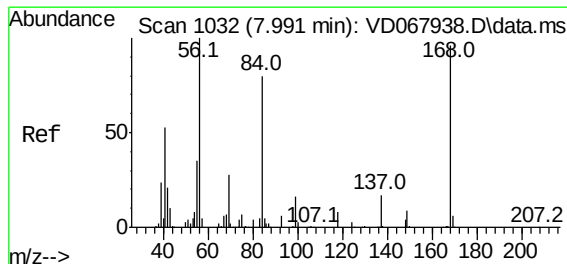


Chloroform
Concen: 26.97 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 83 Resp: 141380

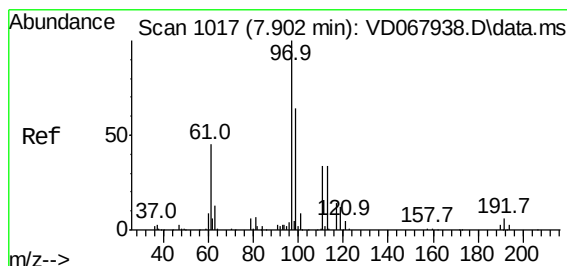
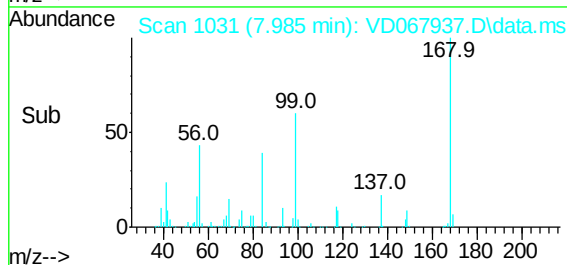
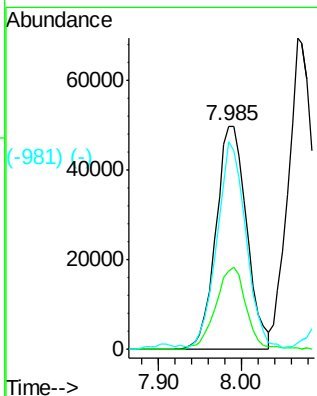
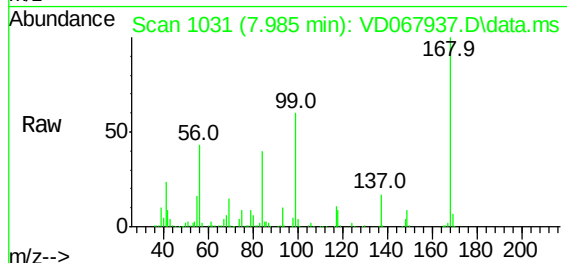
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.5	75.7





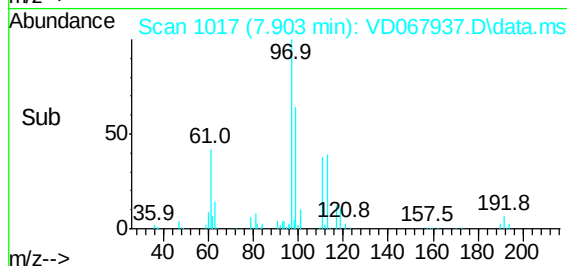
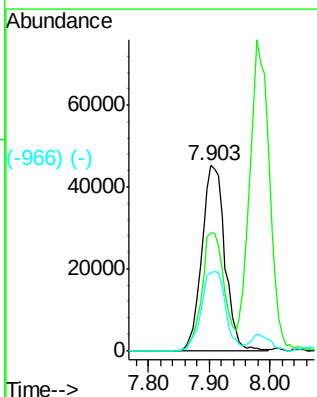
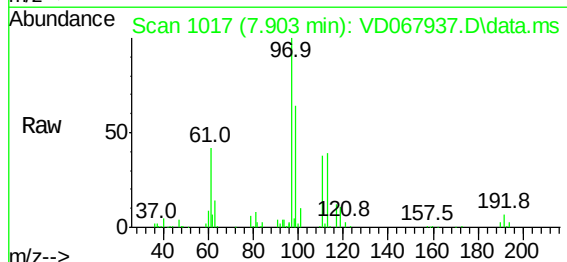
#1020 (-)
Cyclohexane
Concen: 35.35 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 56 Resp: 126802
Ion Ratio Lower Upper
56 100
69 34.7 22.7 34.1#
84 91.8 64.2 96.4



#1006 (-)
1,1,1-Trichloroethane
Concen: 22.14 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

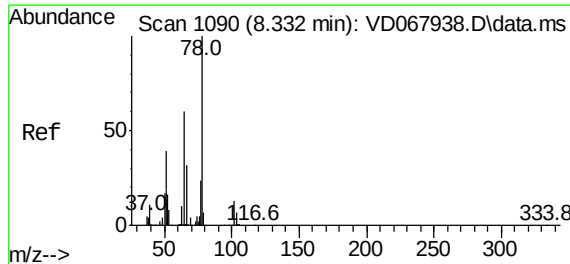
Tgt Ion: 97 Resp: 117563
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.6
61 45.3 35.8 53.8



Instrument :
MSVOA_D
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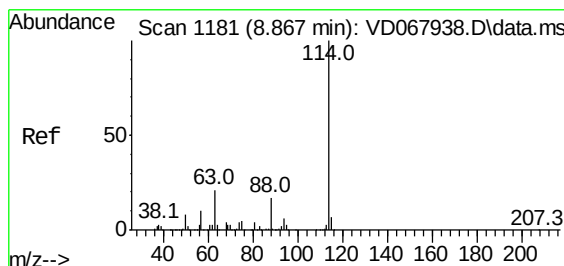
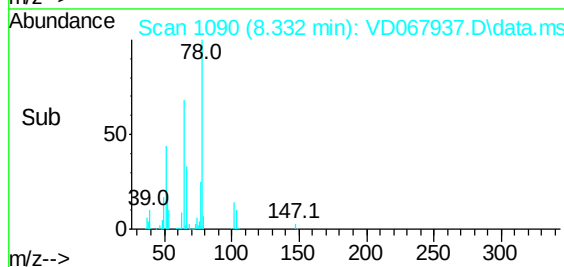
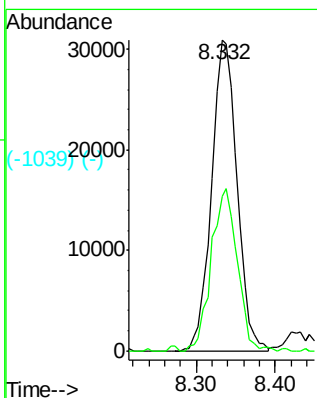
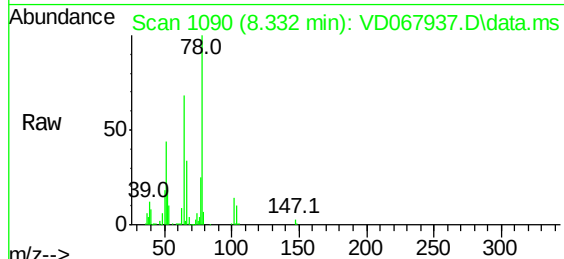
(#1090) (-)
 1,2-Dichloroethane-d4
 Concen: 23.68 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion: 65 Resp: 69328
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
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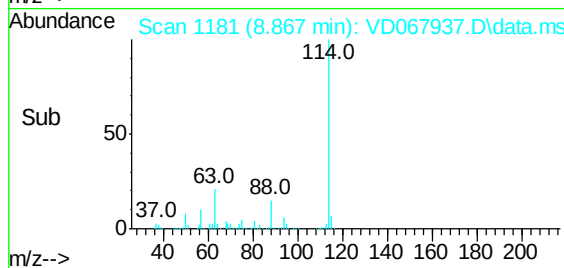
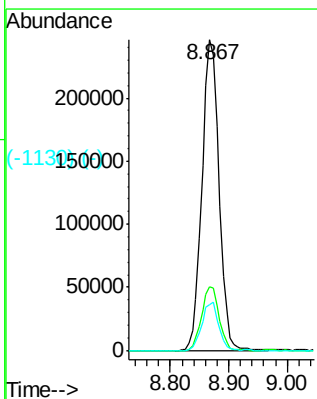
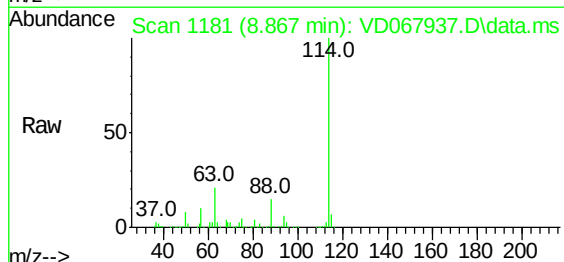
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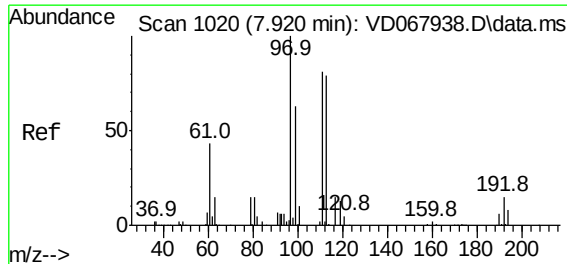
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(#1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:114 Resp: 492774
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 14.8 0.0 33.2





(-969) (-)
 Dibromofluoromethane
 Concen: 20.88 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

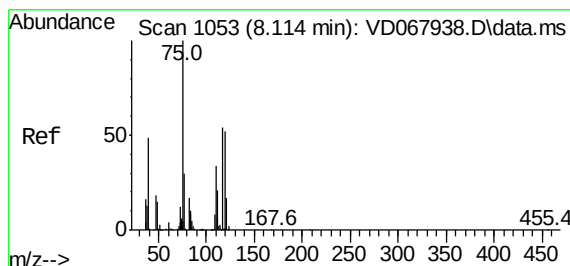
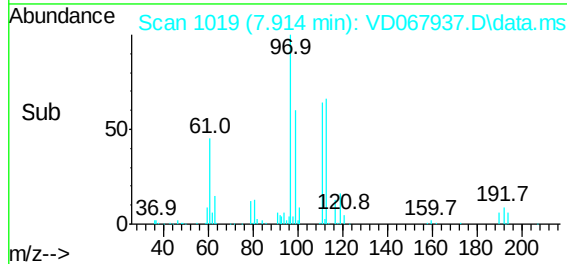
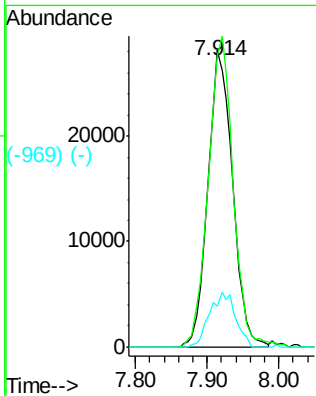
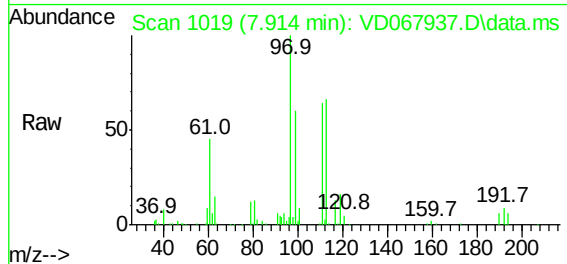
Tgt Ion: 113 Resp: 67208

Ion	Ratio	Lower	Upper
113	100		
111	105.7	79.3	118.9
192	19.3	14.5	21.7

Instrument :
 MSVOA_D
 ClientSampleId :
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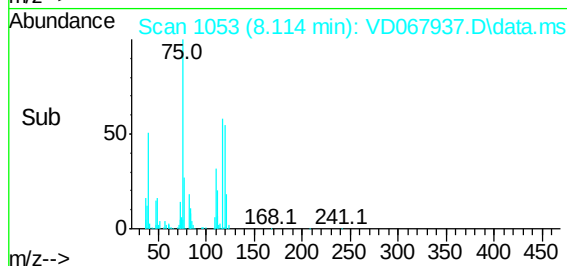
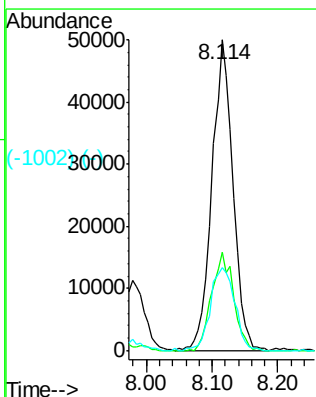
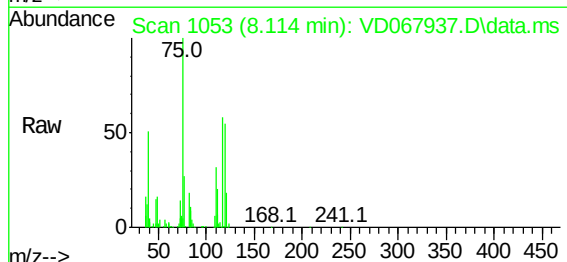
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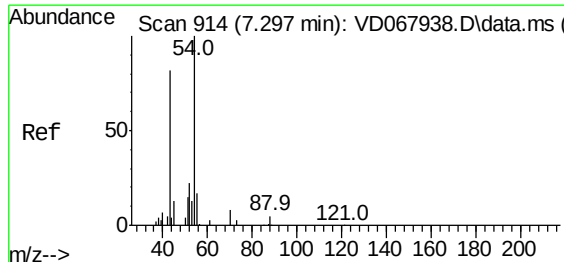


(-1002) (-)
 1,1-Dichloropropene
 Concen: 24.42 ug/l
 RT: 8.114 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion: 75 Resp: 107345

Ion	Ratio	Lower	Upper
75	100		
110	32.9	17.0	51.0
77	30.8	24.6	37.0





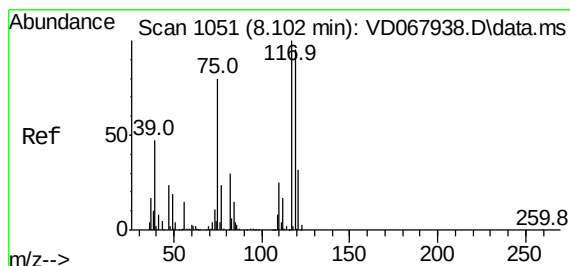
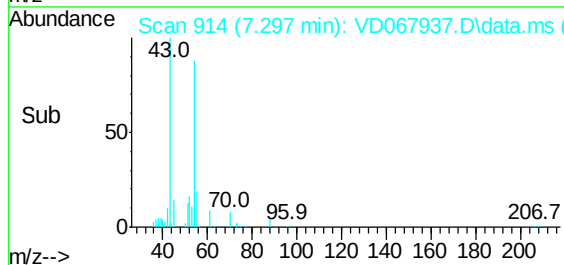
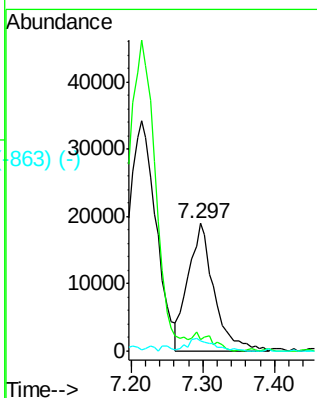
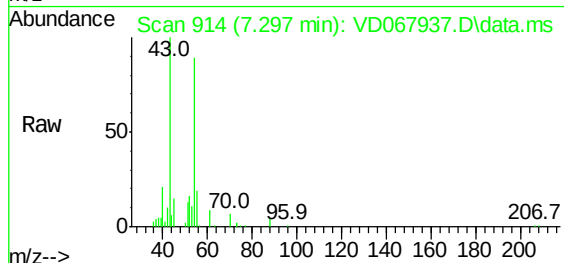
Ethyl Acetate
Concen: 36.48 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	43	Resp:	47307
Ion	Ratio	Lower	Upper
43	100		
61	10.7	10.2	15.4
70	9.5	8.3	12.5

Instrument :
MSVOA_D
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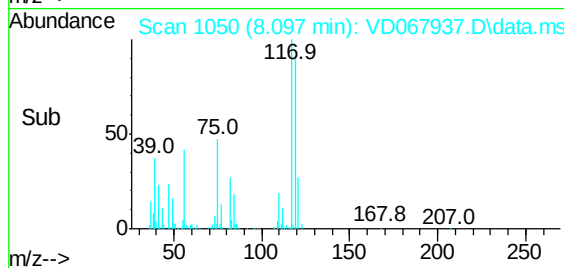
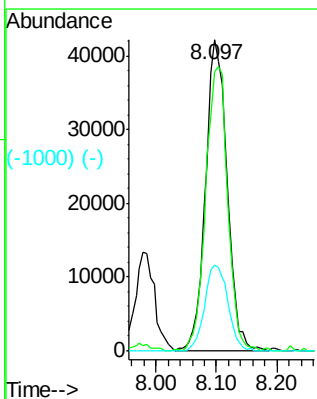
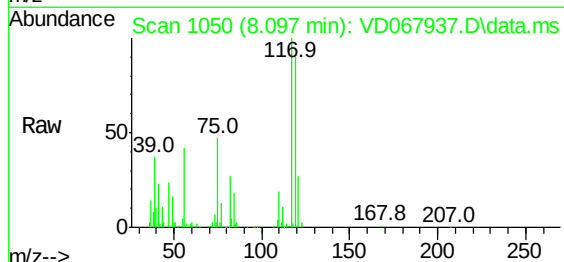
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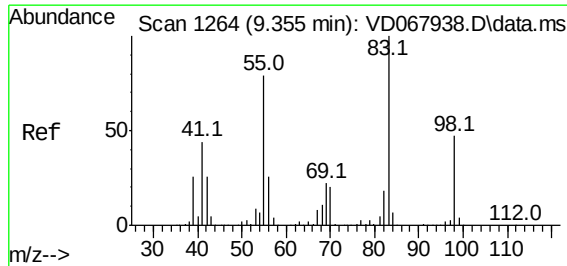
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Carbon Tetrachloride
Concen: 16.78 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	117	Resp:	103624
Ion	Ratio	Lower	Upper
117	100		
119	89.2	76.2	114.4
121	27.3	25.9	38.9





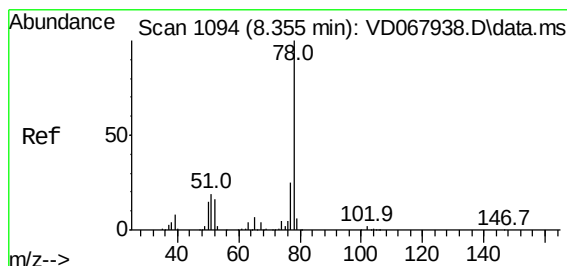
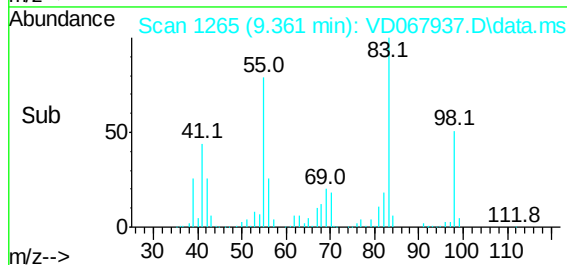
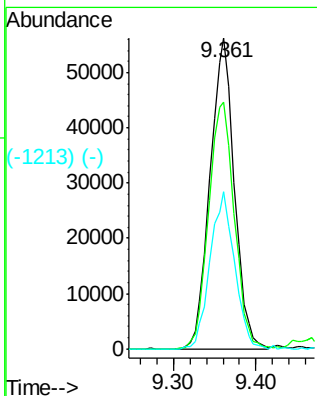
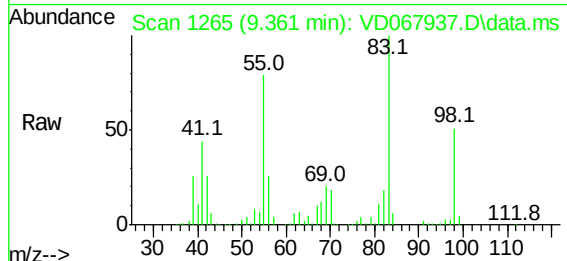
#1295 (-)
Methylcyclohexane
Concen: 22.24 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 83 Resp: 114368
Ion Ratio Lower Upper
83 100
55 79.3 63.5 95.3
98 50.5 37.3 55.9

Instrument :
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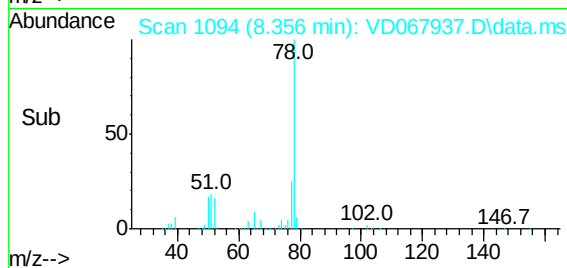
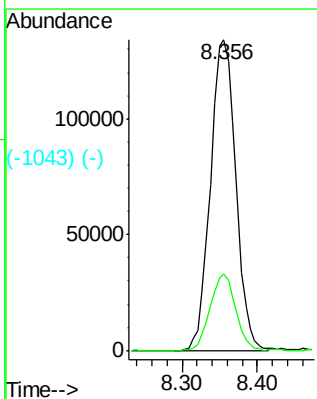
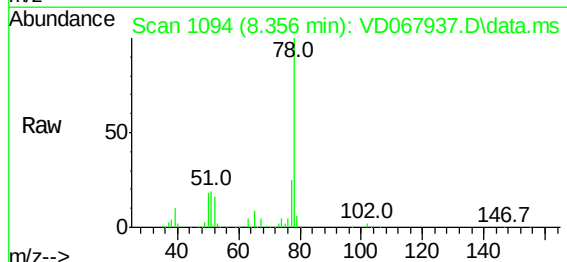
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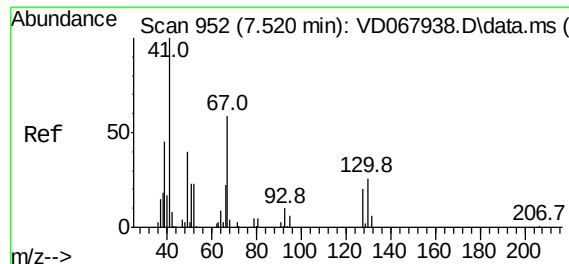
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#1092 (-)
Benzene
Concen: 25.57 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 78 Resp: 311834
Ion Ratio Lower Upper
78 100
77 24.6 20.1 30.1





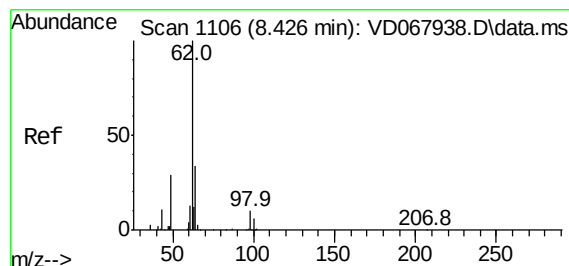
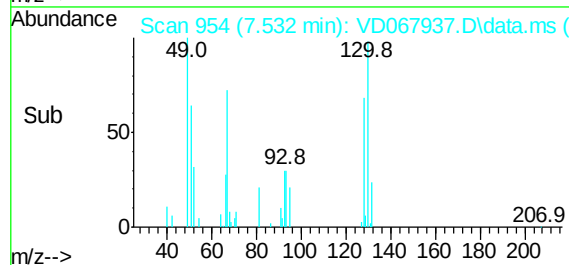
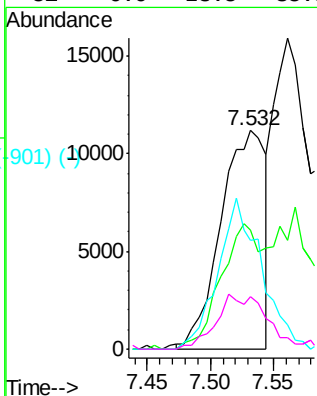
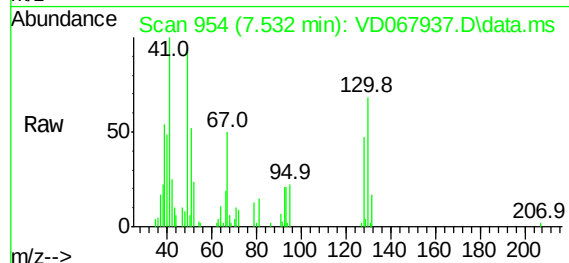
#41 (-)
Methacrylonitrile
Concen: 41.13 ug/l m
RT: 7.532 min Scan# 954
Delta R.T. 0.012 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.2	69.2#
67	0.0	55.1	82.7#
52	0.0	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
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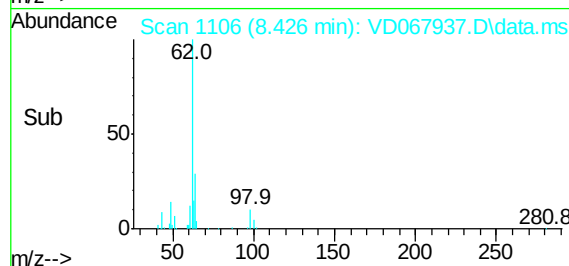
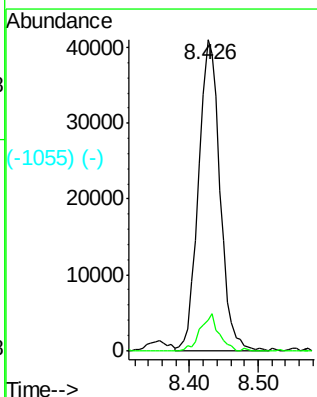
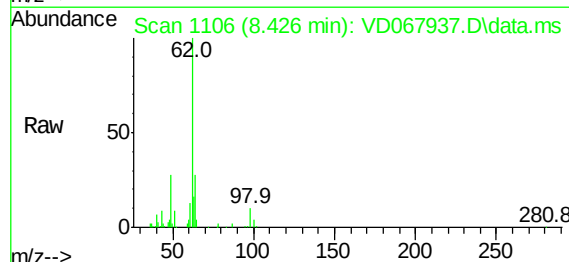
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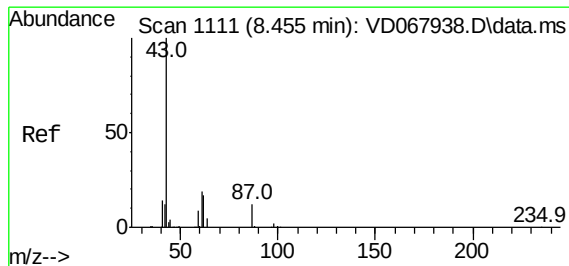
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#108 (-)
1,2-Dichloroethane
Concen: 21.69 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



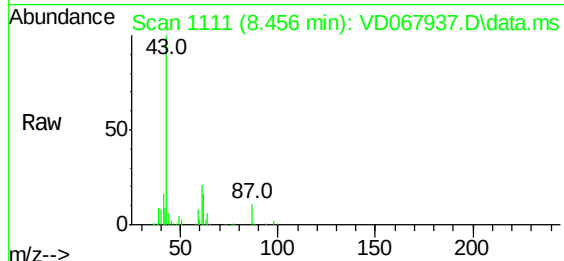


(-1067) (-)
Isopropyl Acetate
Concen: 32.15 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

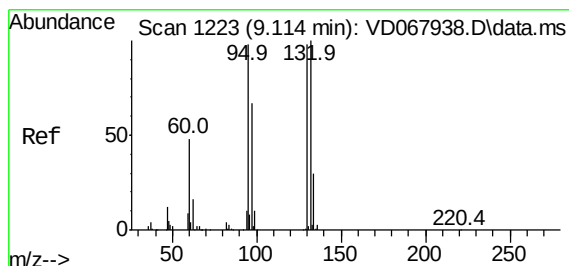
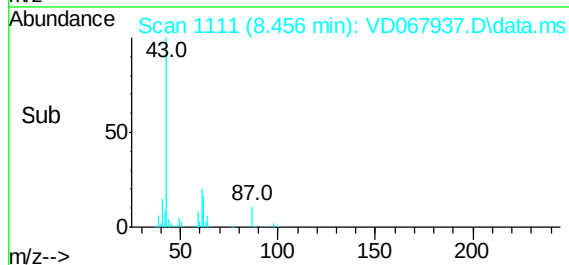
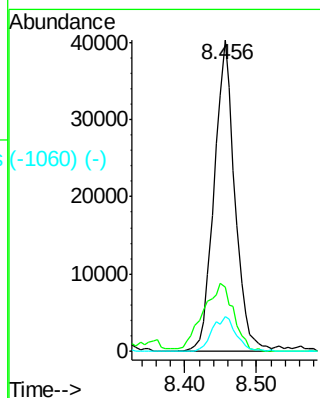
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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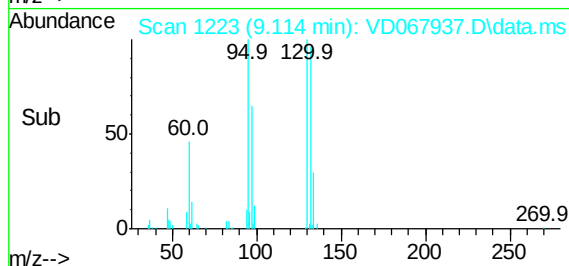
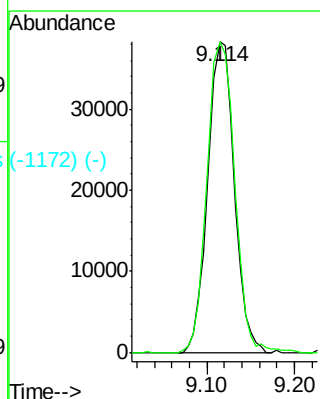
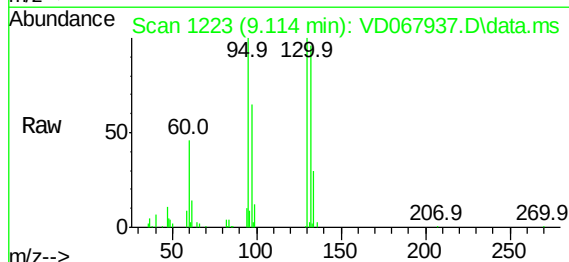


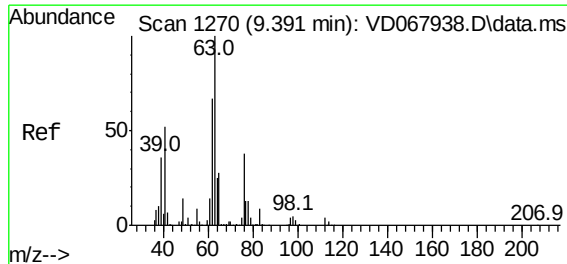
Tgt Ion: 43 Resp: 80418
Ion Ratio Lower Upper
43 100
61 32.1 24.5 36.7
87 12.6 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 19.77 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:130 Resp: 78187
Ion Ratio Lower Upper
130 100
95 99.8 0.0 200.8



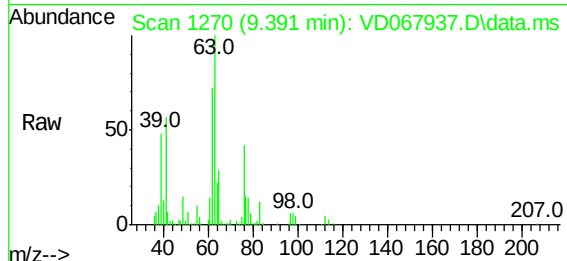


(-1257) (-)
1,2-Dichloropropane
Concen: 31.47 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

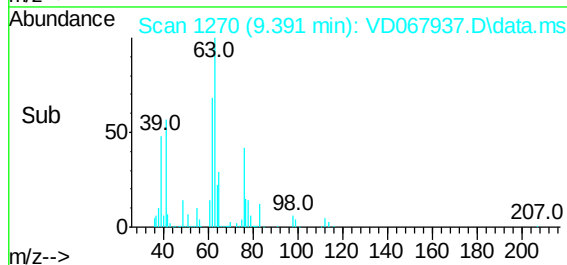
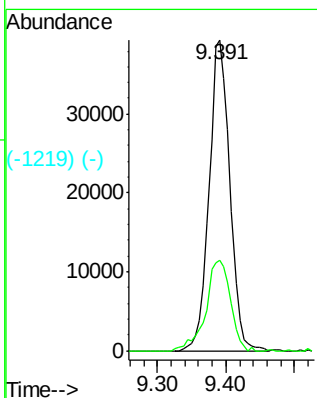
Instrument :
MSVOA_D
ClientSampleId :
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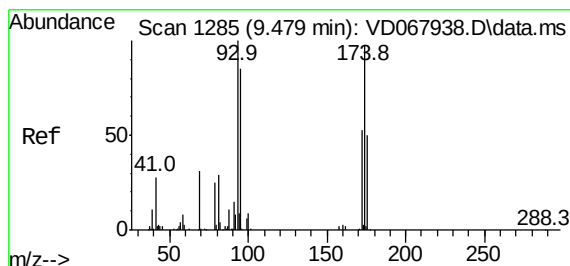
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Tgt Ion: 63 Resp: 82353
Ion Ratio Lower Upper
63 100
65 28.7 22.7 34.1

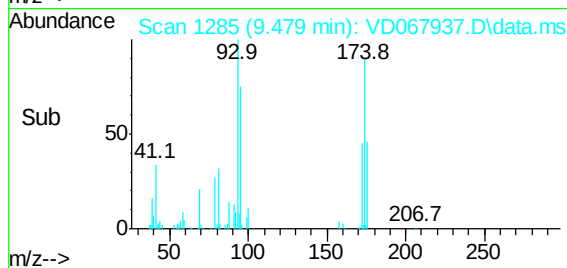
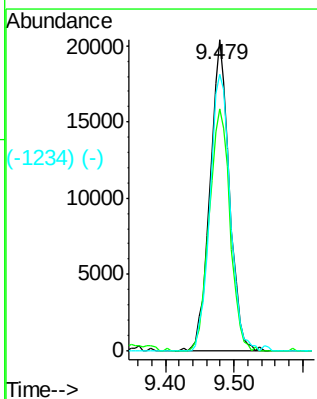
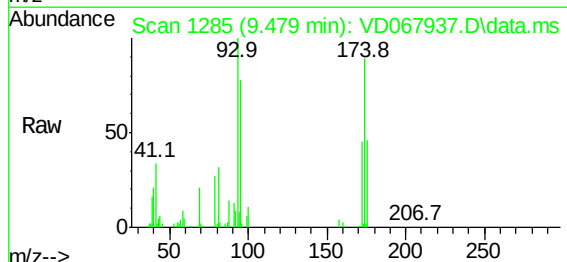


(-1219) (-)

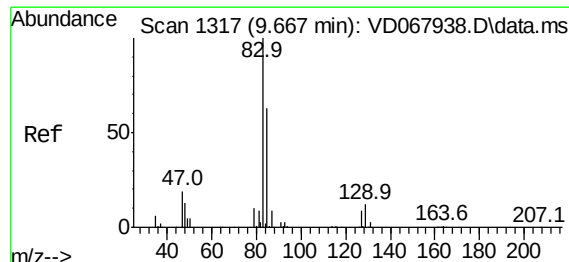


(-1216) (-)
Dibromomethane
Concen: 23.55 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 93 Resp: 39532
Ion Ratio Lower Upper
93 100
95 83.9 68.0 102.0
174 93.8 74.7 112.1



(-1234) (-)



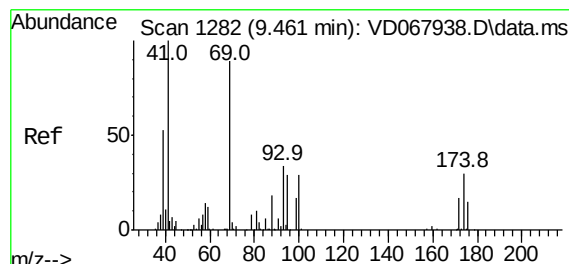
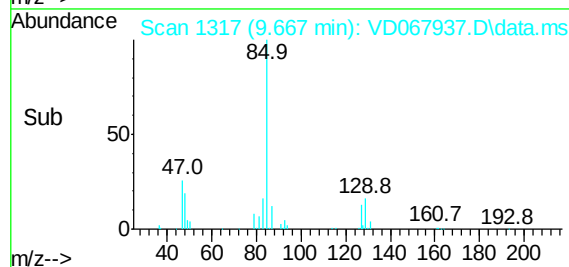
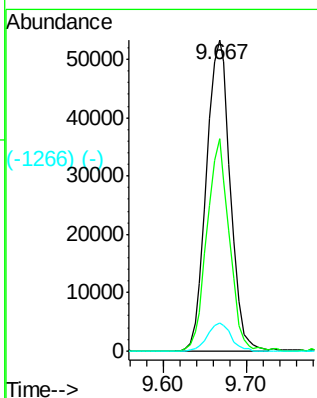
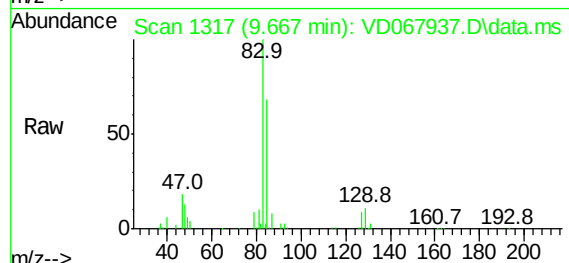
(-1478) (-)
Bromodichloromethane
Concen: 22.20 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 83 Resp: 106328
Ion Ratio Lower Upper
83 100
85 68.3 50.5 75.7
127 9.1 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
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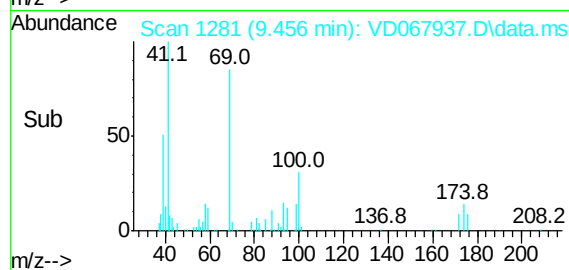
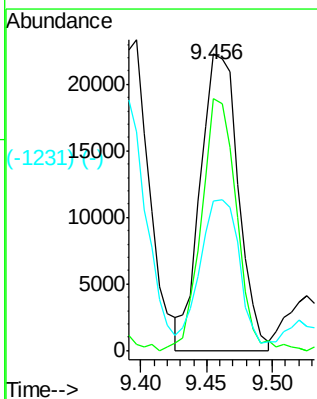
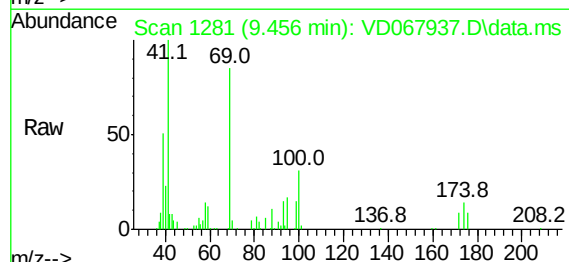
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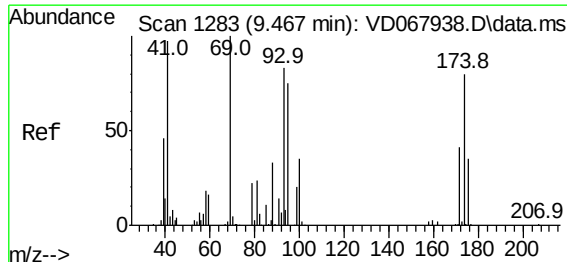
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(-1478) (-)
Methyl methacrylate
Concen: 34.24 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

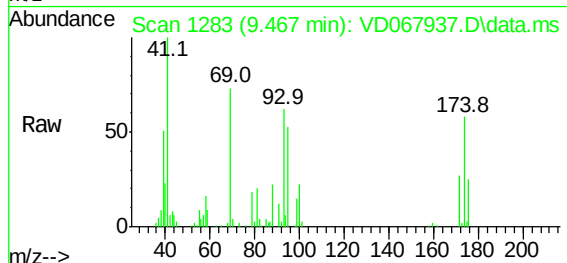
Tgt Ion: 41 Resp: 44003
Ion Ratio Lower Upper
41 100
69 78.1 63.9 95.9
39 54.1 37.4 56.0





#1294 (-)
1,4-Dioxane
Concen: 432.22 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

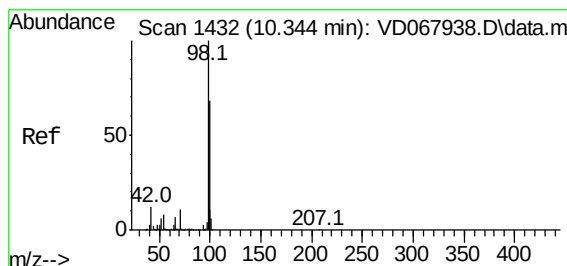
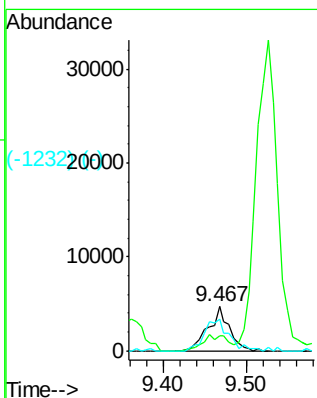
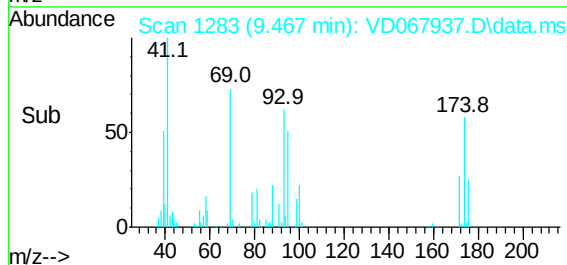
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 8305
Ion Ratio Lower Upper
88 100
43 43.6 27.3 40.9#
58 82.6 54.8 82.2#

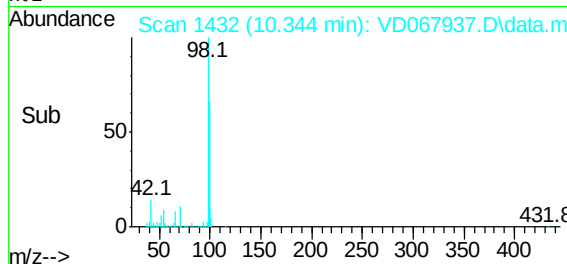
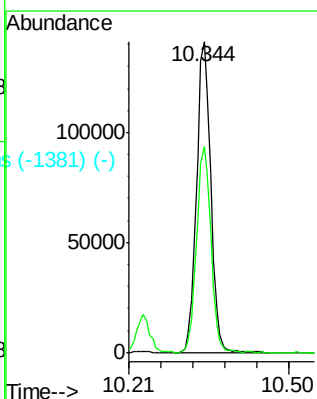
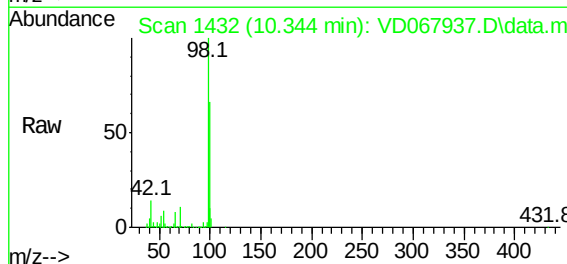
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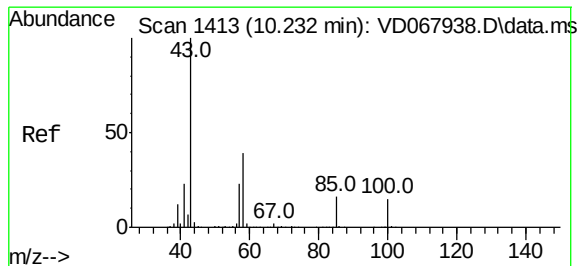
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#5022 (-)
Toluene-d8
Concen: 21.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 98 Resp: 255818
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7





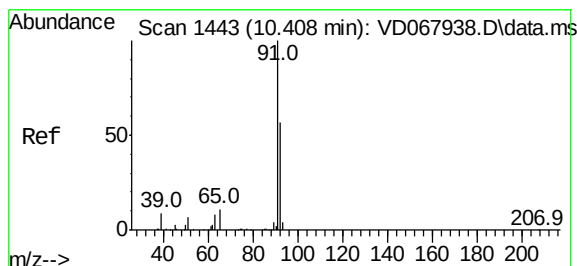
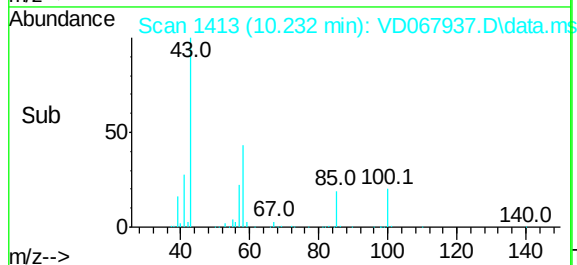
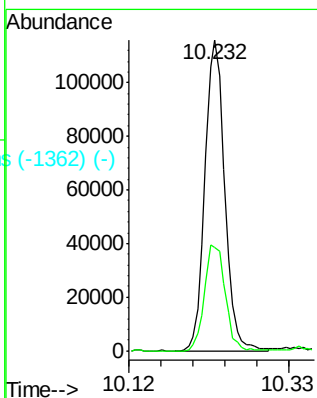
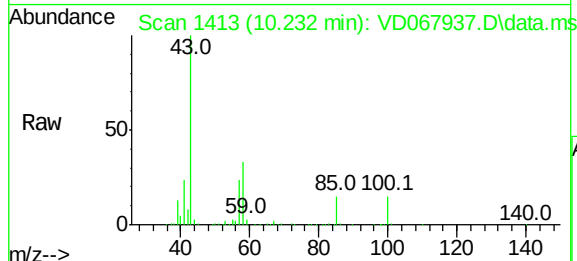
#5102 (-)
4-Methyl-2-Pentanone
Concen: 173.48 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 210639
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0

Instrument :
MSVOA_D
ClientSampleId :
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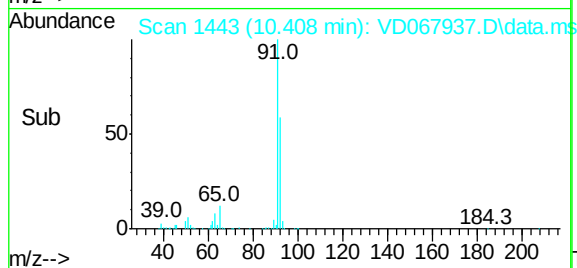
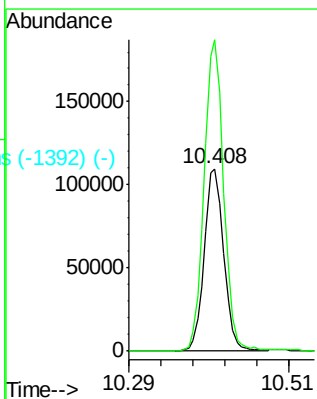
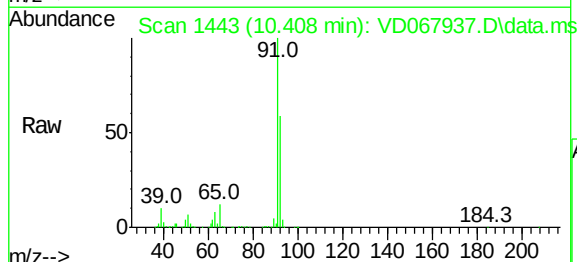
Manual Integrations
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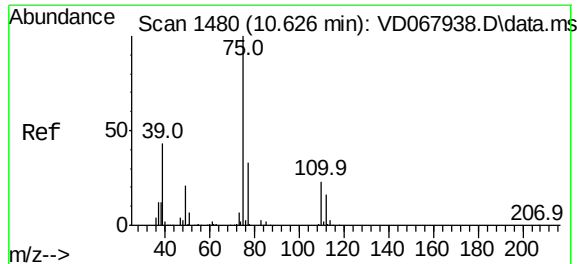
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#5133 (-)
Toluene
Concen: 23.42 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 92 Resp: 194916
Ion Ratio Lower Upper
92 100
91 171.1 138.5 207.7





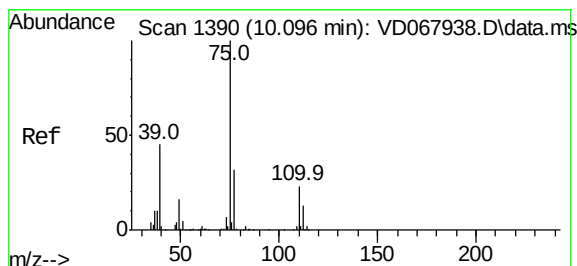
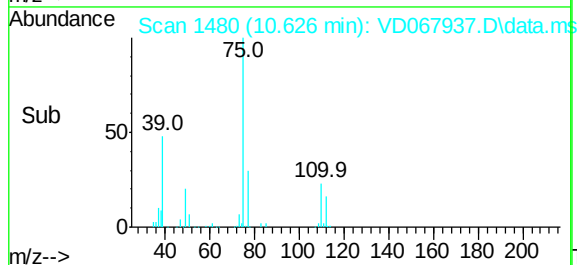
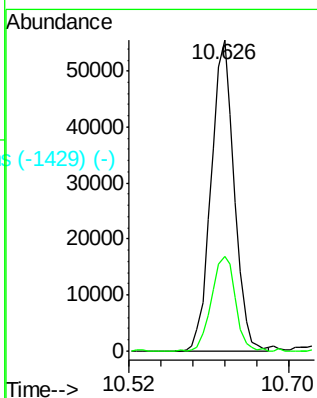
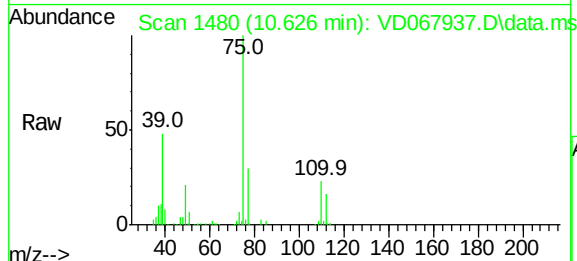
#5470 (-)
t-1,3-Dichloropropene
Concen: 23.06 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 75 Resp: 95723
Ion Ratio Lower Upper
75 100
77 30.4 26.8 40.2

Instrument :
MSVOA_D
ClientSampleId :
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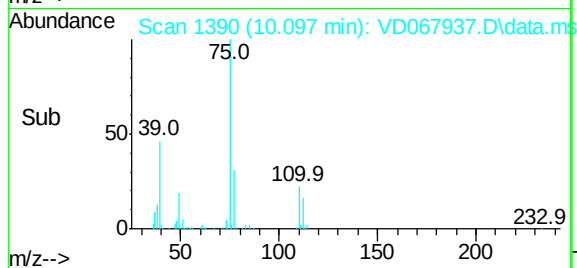
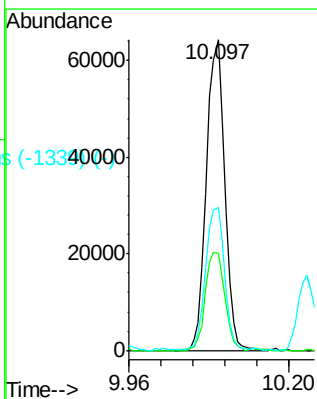
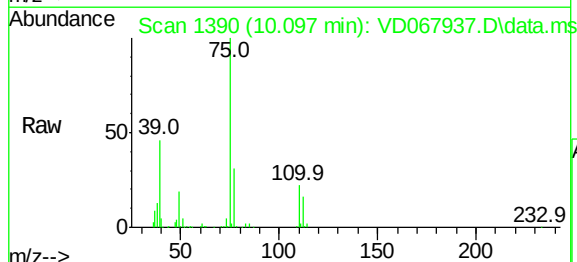
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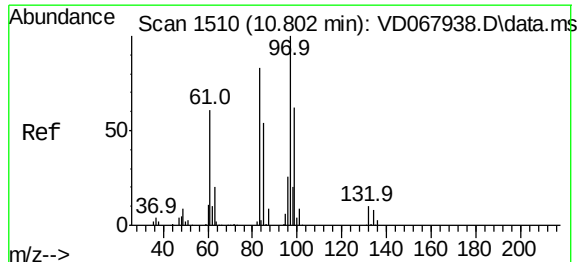
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#5479 (-)
cis-1,3-Dichloropropene
Concen: 25.69 ug/l
RT: 10.097 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

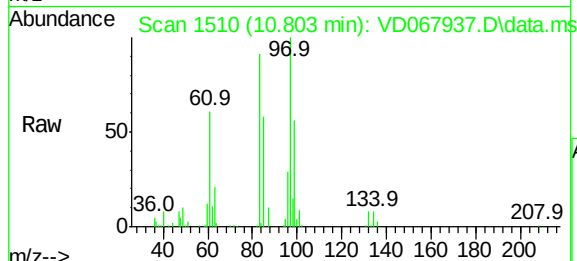
Tgt Ion: 75 Resp: 118717
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 45.6 35.7 53.5





#5503 (-)
1,1,2-Trichloroethane
Concen: 24.16 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

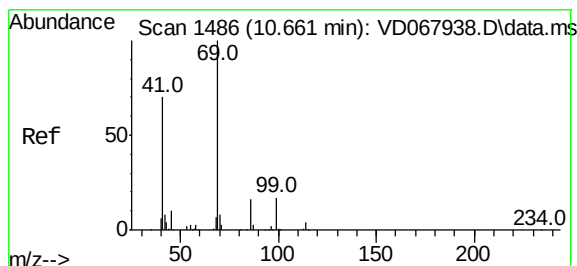
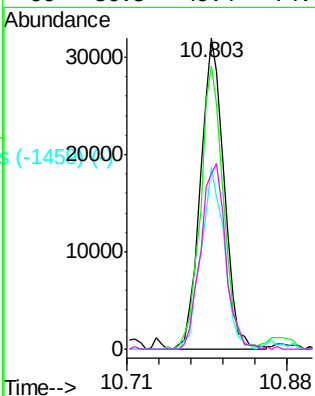
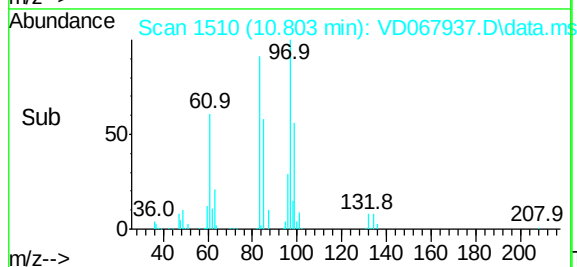
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ClientSampleId :
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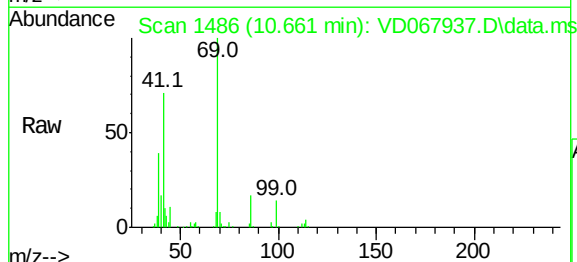
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	66.4	99.6
85	58.5	43.4	65.0
99	56.5	49.4	74.0

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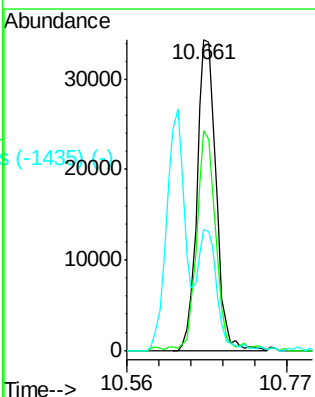
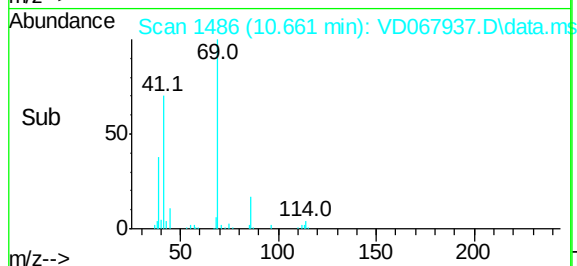
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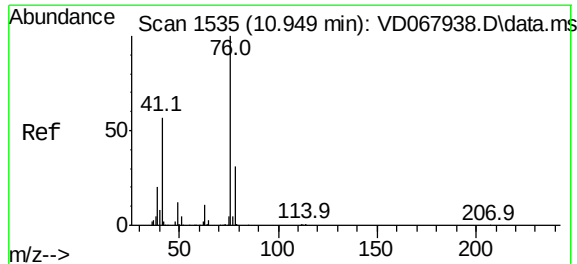


#5578 (-)
Ethyl methacrylate
Concen: 25.19 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.4	84.6
39	38.8	24.6	36.8



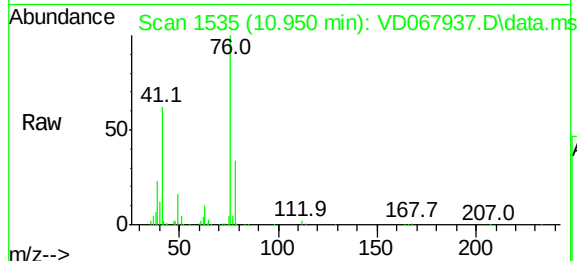


1,3-Dichloropropane
Concen: 25.67 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

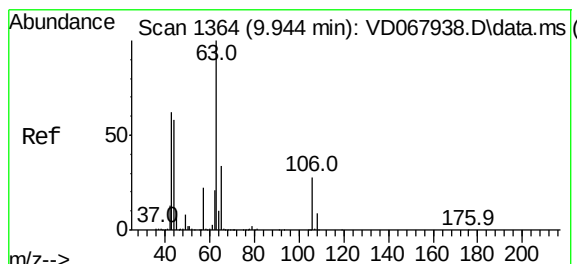
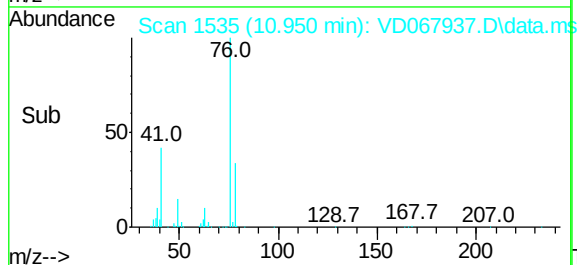
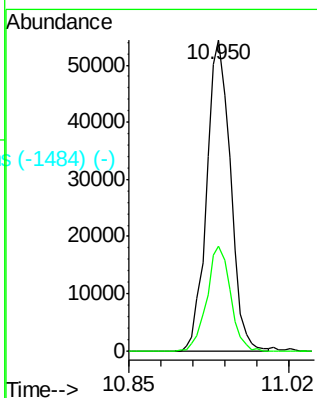
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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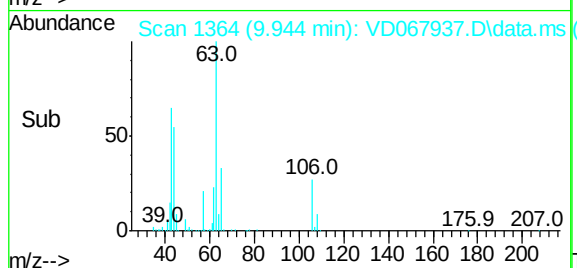
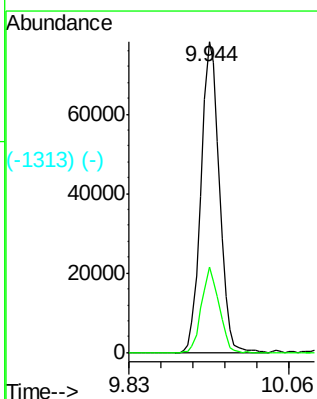
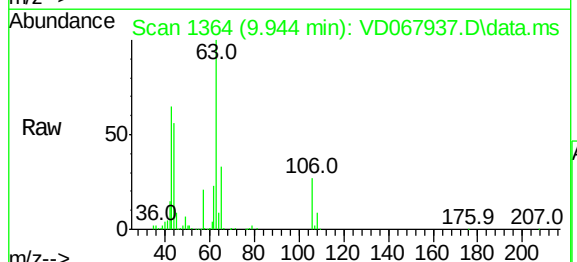


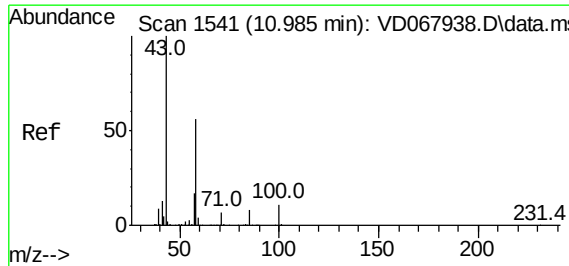
Tgt Ion: 76 Resp: 96859
Ion Ratio Lower Upper
76 100
78 33.2 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 123.04 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 63 Resp: 138242
Ion Ratio Lower Upper
63 100
106 25.8 21.6 32.4





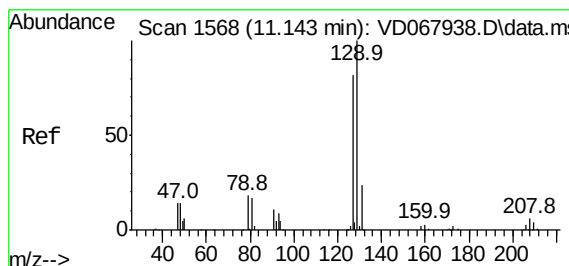
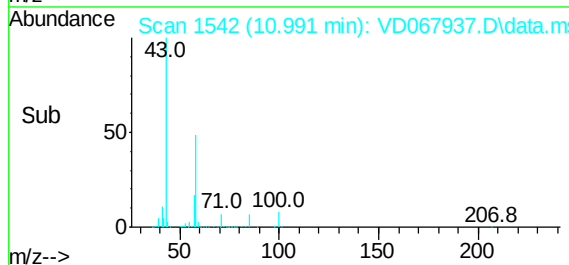
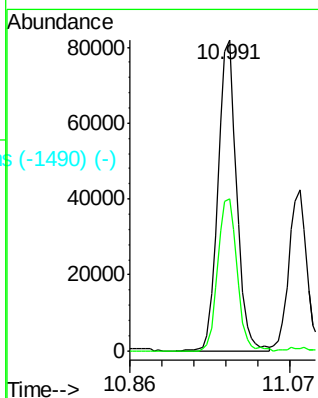
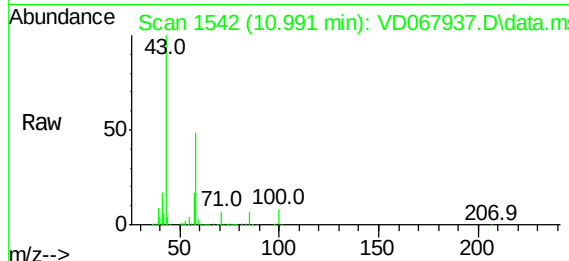
#5931 (-)
2-Hexanone
Concen: 166.27 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 138921
Ion Ratio Lower Upper
43 100
58 50.5 27.5 82.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

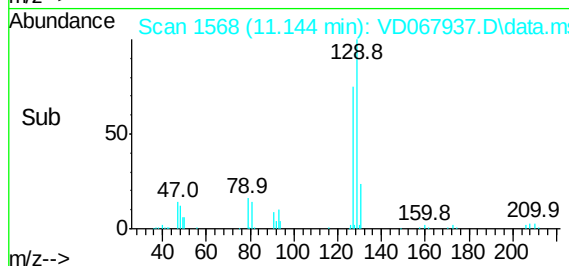
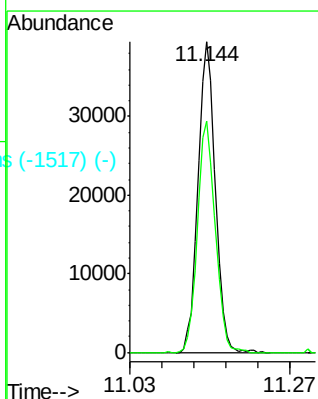
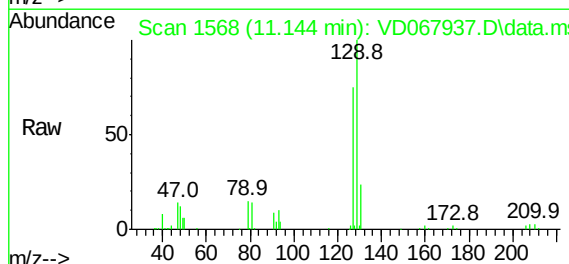
Manual Integrations
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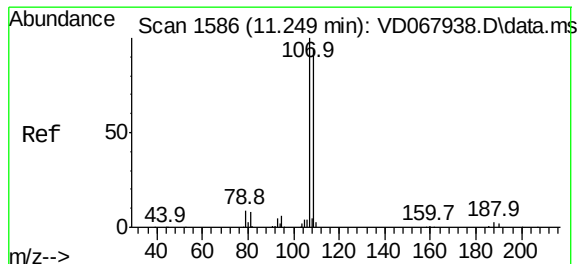
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#6059 (-)
Dibromochloromethane
Concen: 20.77 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

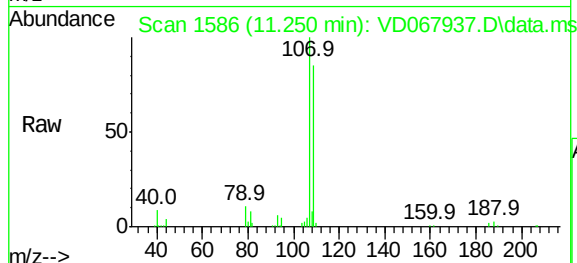
Tgt Ion:129 Resp: 70447
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#6178 (-)
1,2-Dibromoethane
Concen: 23.05 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

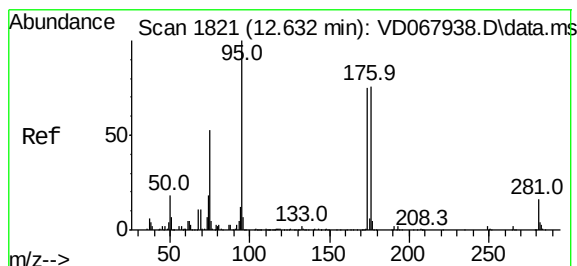
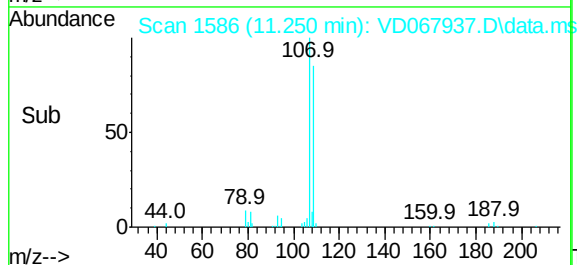
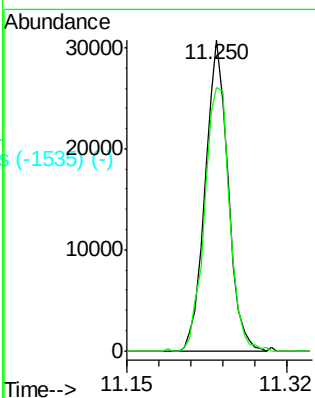
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 52493
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

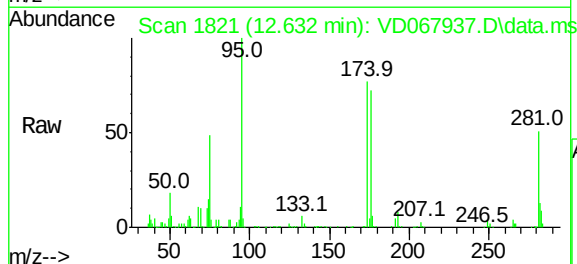
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#6213 (-)
4-Bromofluorobenzene
Concen: 21.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

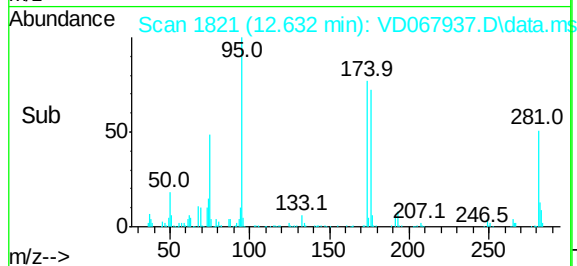
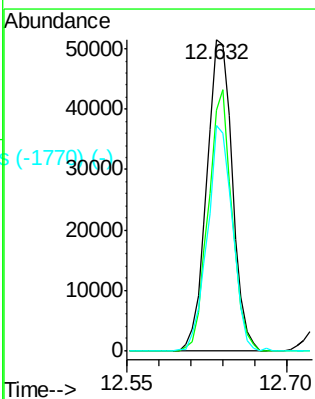
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

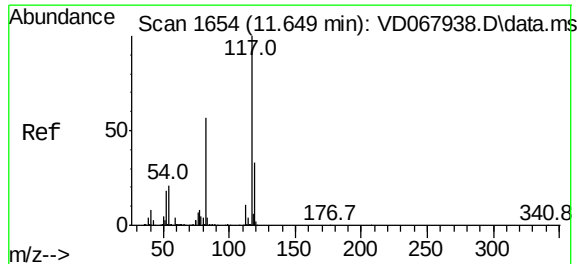


Tgt Ion: 95 Resp: 86029
Ion Ratio Lower Upper
95 100
174 77.5 0.0 150.6
176 70.9 0.0 151.2

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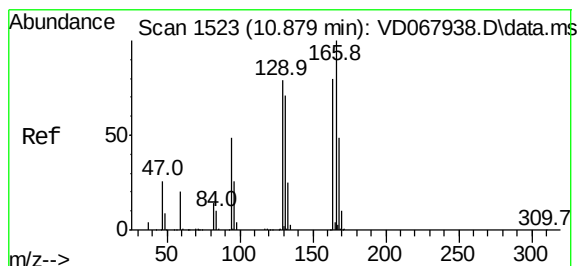
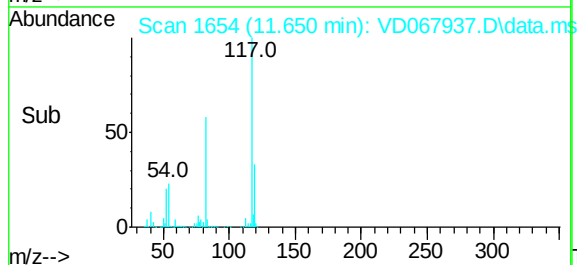
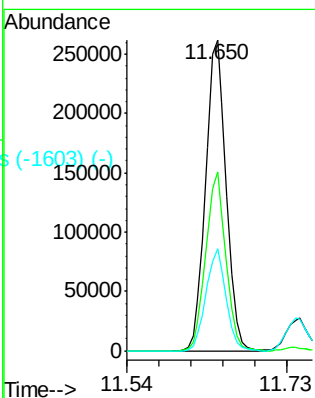
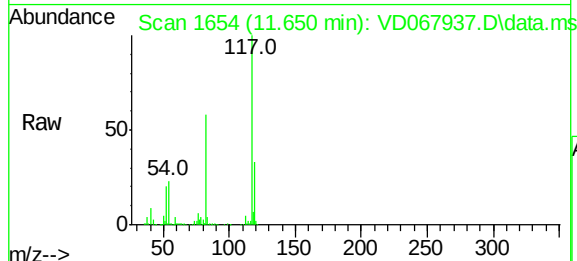
#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:117 Resp: 451059
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 33.1 26.7 40.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

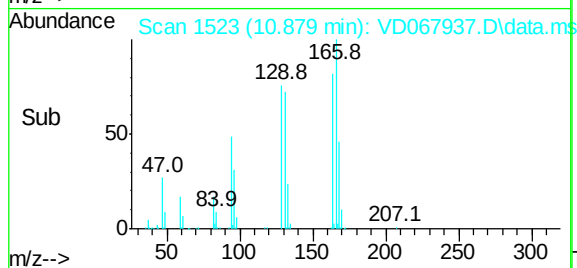
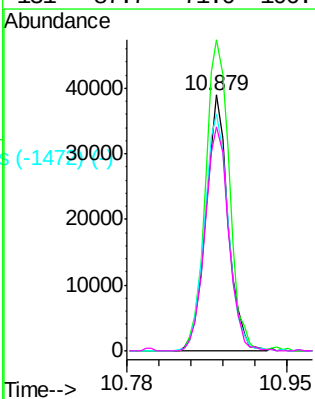
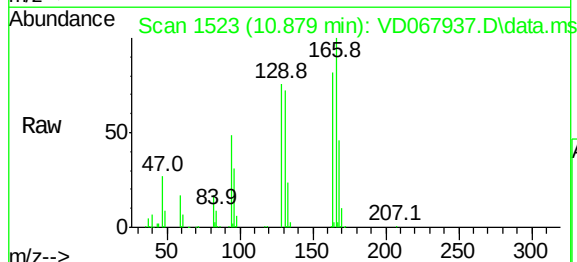
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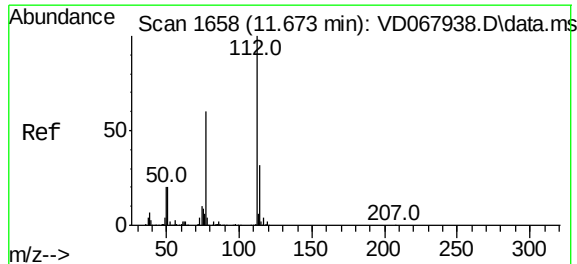
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#6344 (-)
Tetrachloroethene
Concen: 17.96 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:164 Resp: 64355
Ion Ratio Lower Upper
164 100
166 121.6 99.4 149.2
129 92.7 79.0 118.4
131 87.7 71.0 106.4



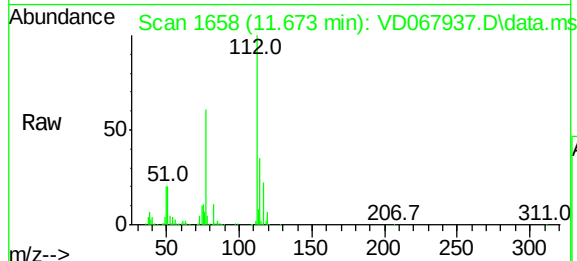


#6549 (-)
Chlorobenzene
Concen: 21.77 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

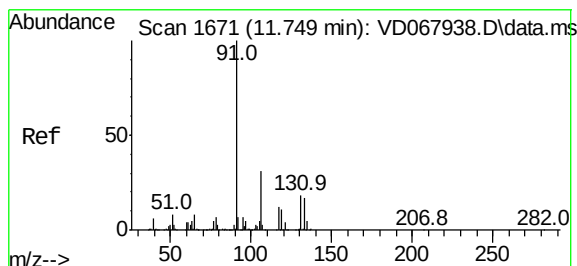
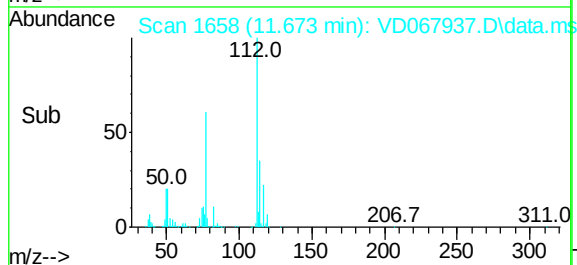
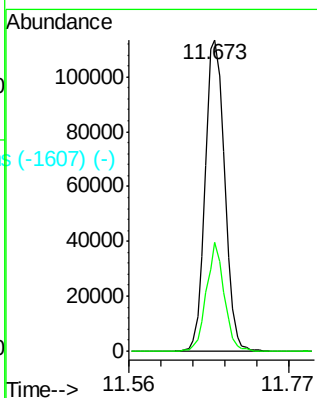
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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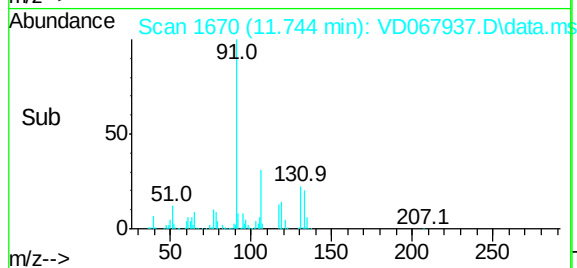
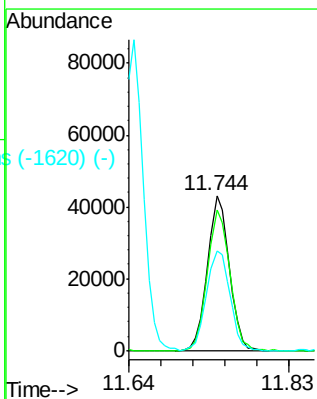
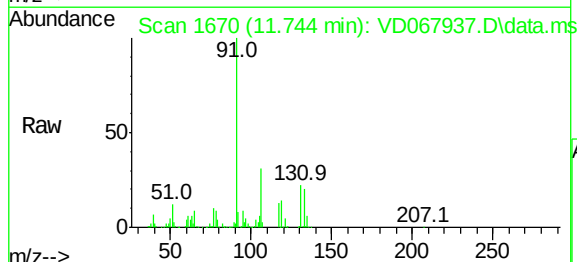


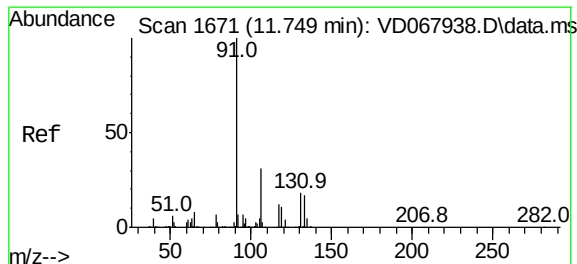
Tgt Ion:112 Resp: 202704
Ion Ratio Lower Upper
112 100
114 34.8 25.3 37.9



#6662 (-)
1,1,1,2-Tetrachloroethane
Concen: 19.19 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:131 Resp: 71550
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 69.6 33.4 100.2



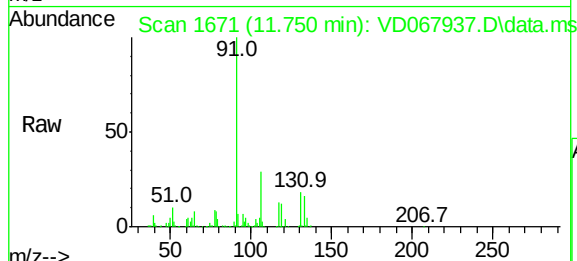


#661 (-)
Ethyl Benzene
Concen: 22.24 ug/l
RT: 11.750 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

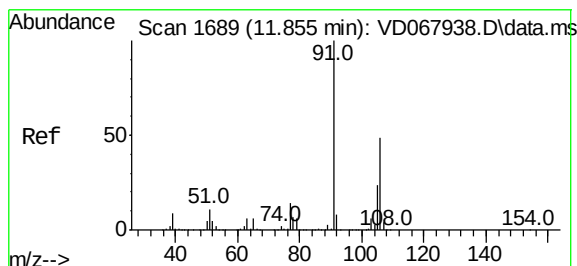
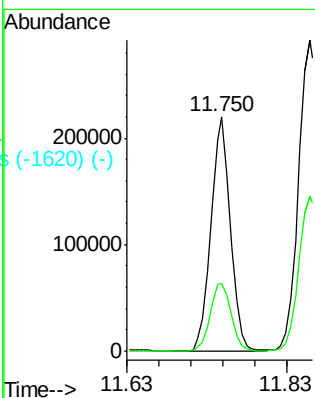
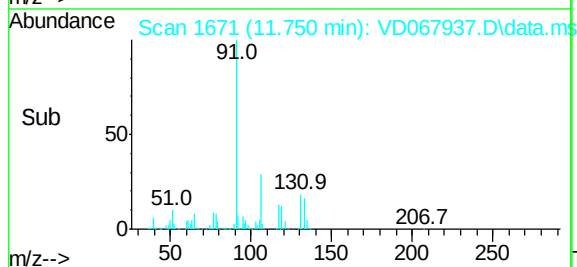
Instrument :
MSVOA_D
ClientSampleId :
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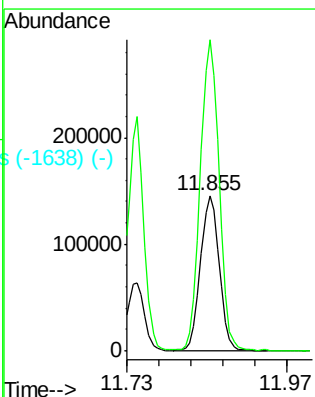
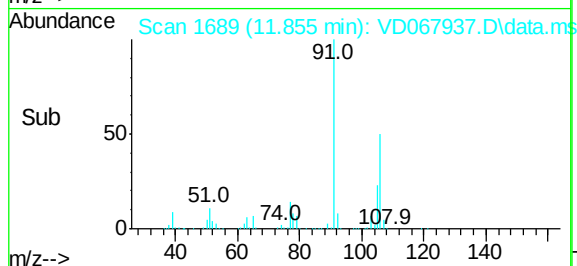
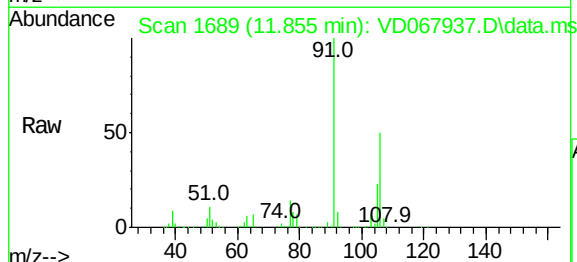


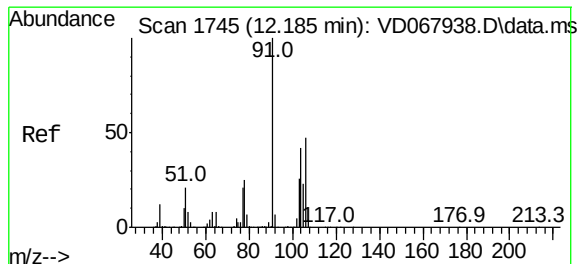
Tgt Ion: 91 Resp: 356472
Ion Ratio Lower Upper
91 100
106 29.0 24.6 37.0



#660 (-)
m/p-Xylenes
Concen: 43.97 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 106 Resp: 276608
Ion Ratio Lower Upper
106 100
91 200.7 159.9 239.9



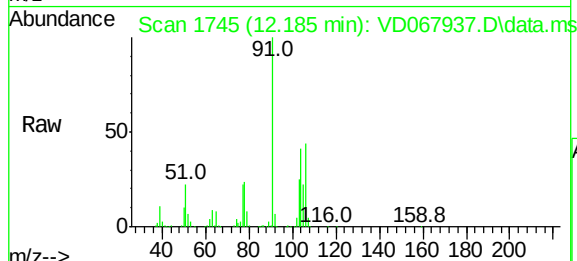


#6937 (-)
o-Xylene
Concen: 21.94 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

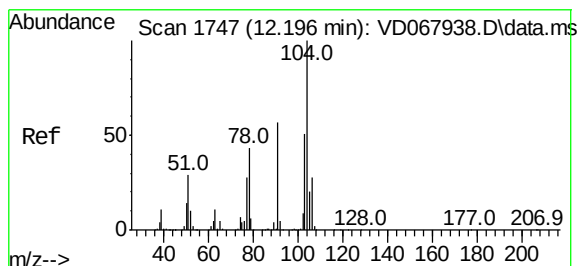
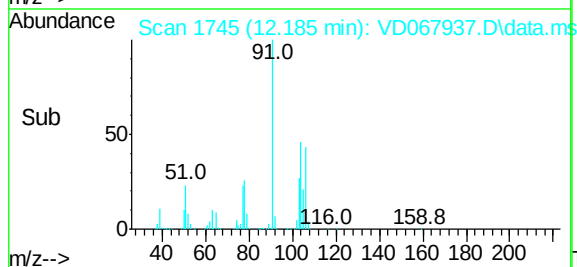
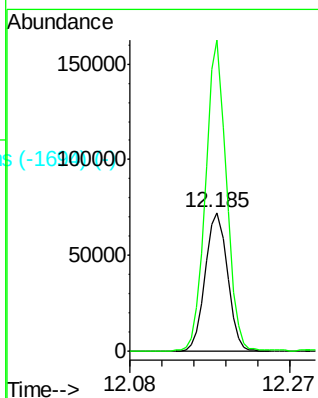
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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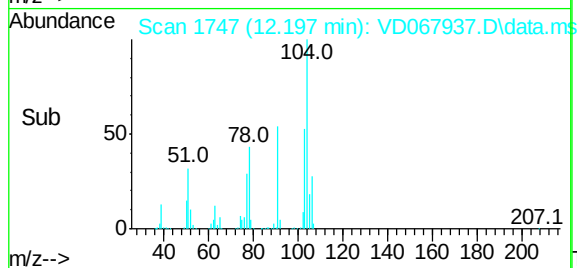
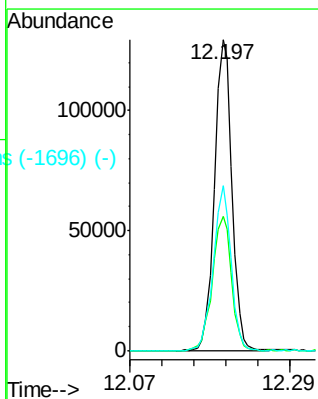
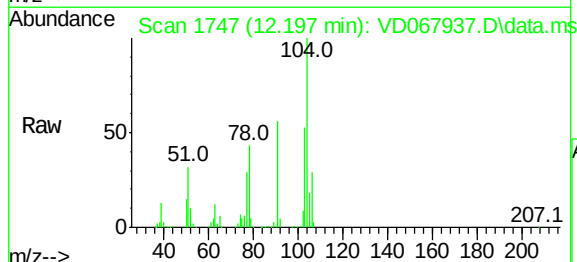


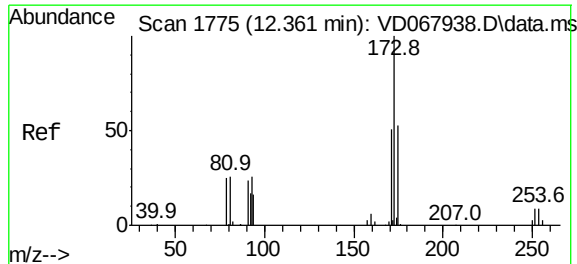
Tgt Ion:106 Resp: 122451
Ion Ratio Lower Upper
106 100
91 210.6 106.0 317.9



#1736 (-)
Styrene
Concen: 22.49 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:104 Resp: 218391
Ion Ratio Lower Upper
104 100
78 47.5 38.6 58.0
103 53.9 44.2 66.4





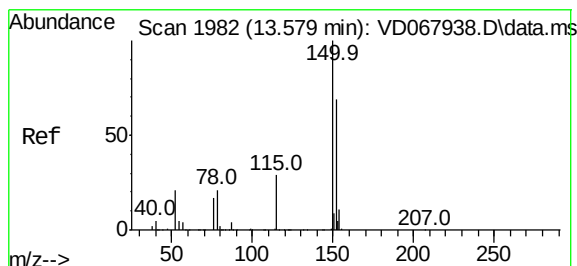
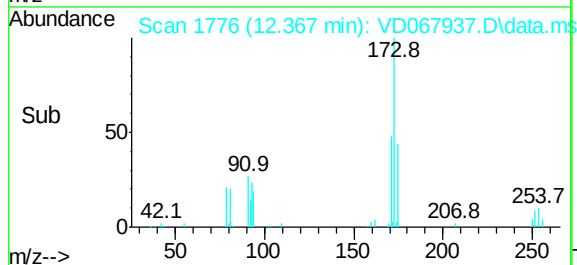
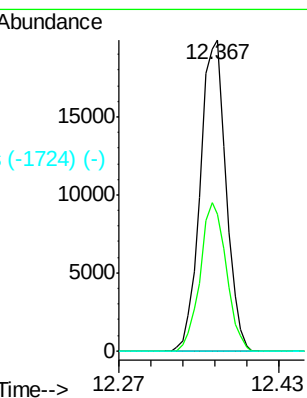
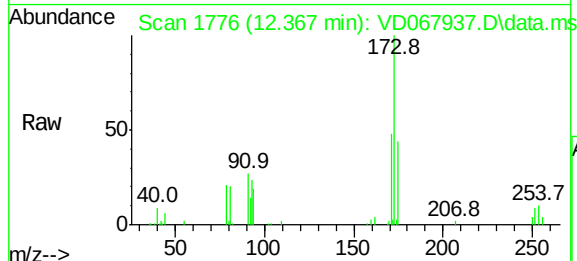
#1767 (-)
Bromoform
Concen: 18.36 ug/l
RT: 12.367 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
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ClientSampleId :
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Tgt Ion:	173	Resp:	35625
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.0	0.0

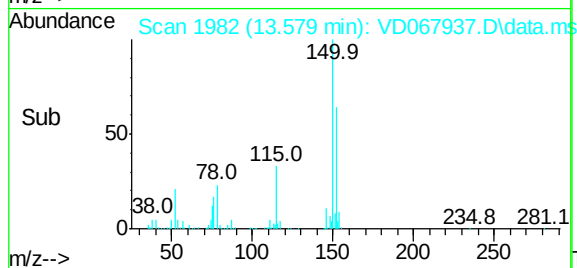
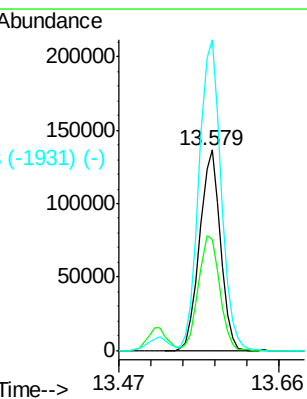
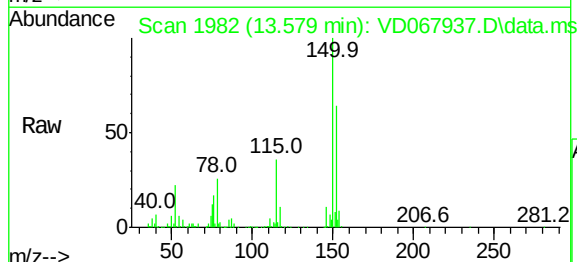
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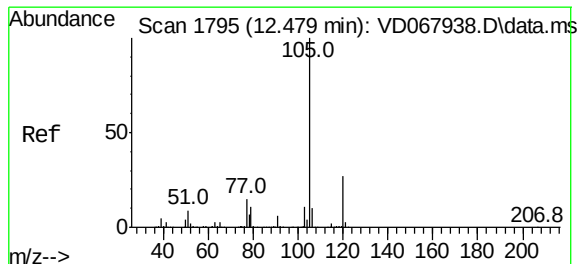
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#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	152	Resp:	216016
Ion Ratio	Lower	Upper	
152	100		
115	58.5	29.3	88.0
150	165.5	0.0	340.0



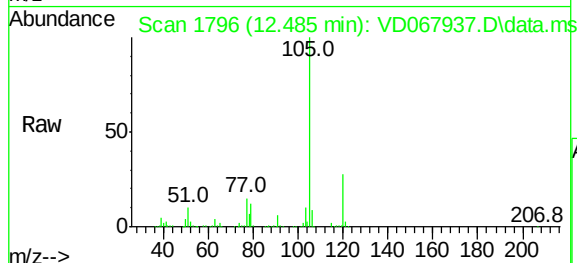


#1786 (-)
Isopropylbenzene
Concen: 22.04 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

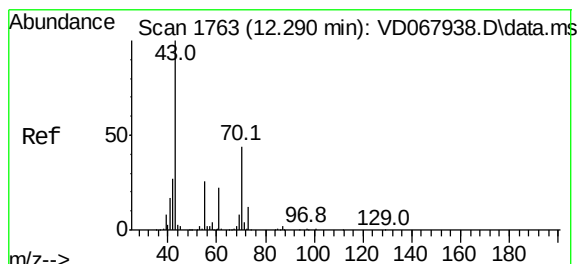
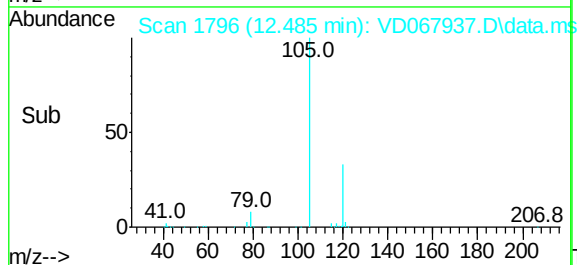
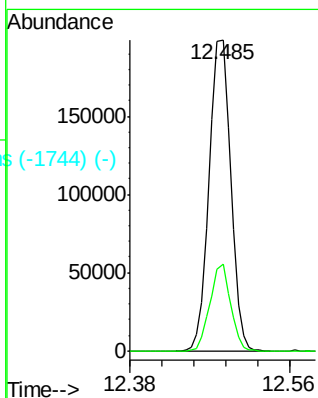
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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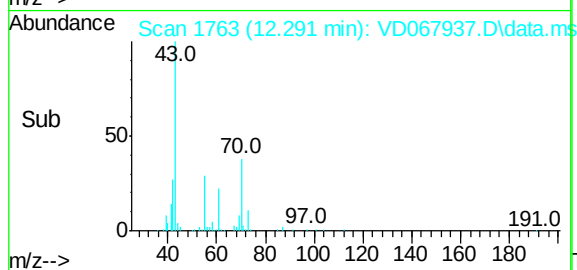
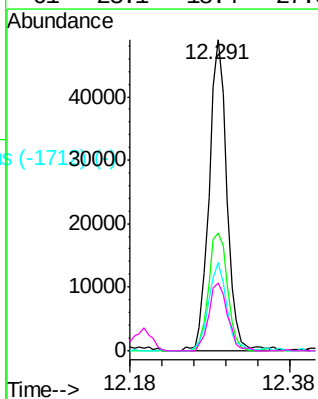
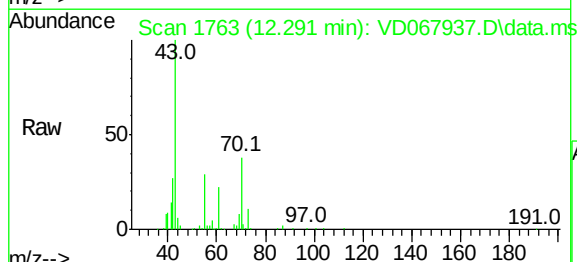


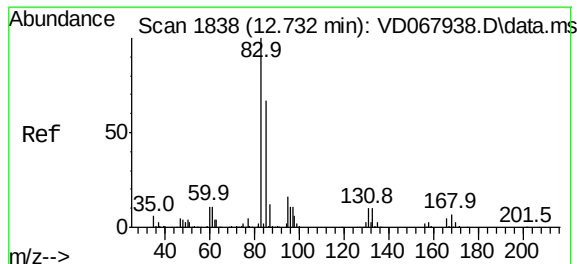
Tgt Ion:105 Resp: 328603
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 36.10 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 43 Resp: 75869
Ion Ratio Lower Upper
43 100
70 40.4 34.3 51.5
55 28.8 21.2 31.8
61 23.1 18.4 27.6





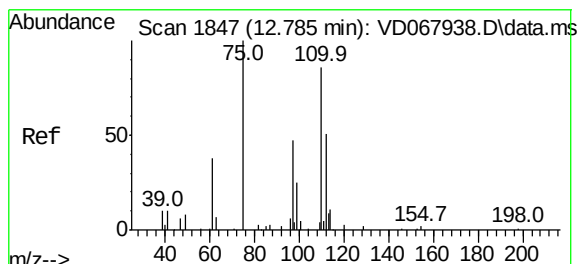
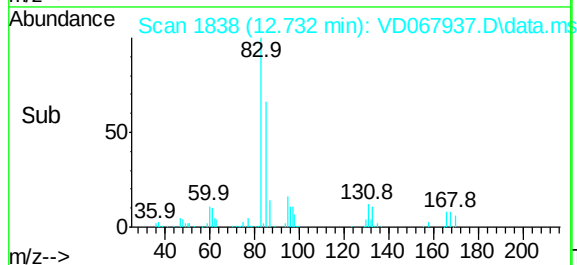
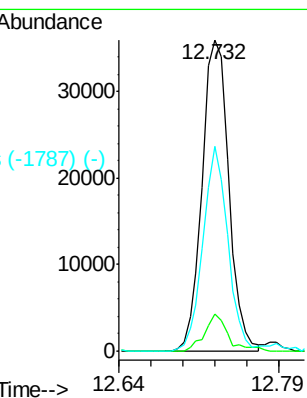
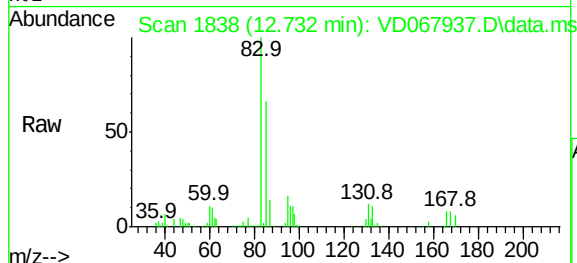
#1830 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 30.14 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	83	Resp:	62899
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	14.9
85	61.8	32.1	96.3

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

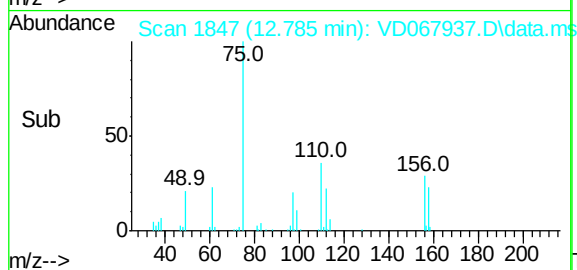
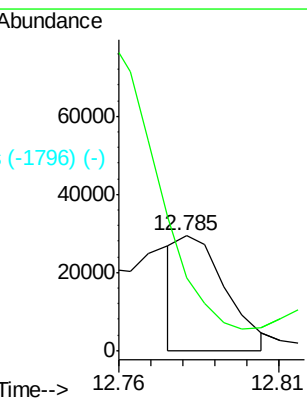
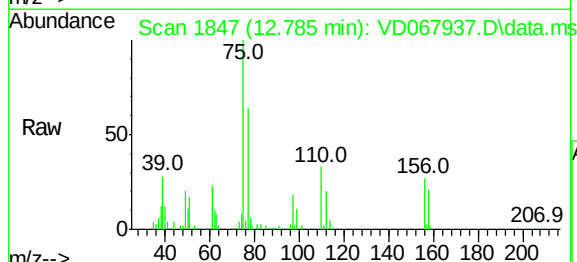
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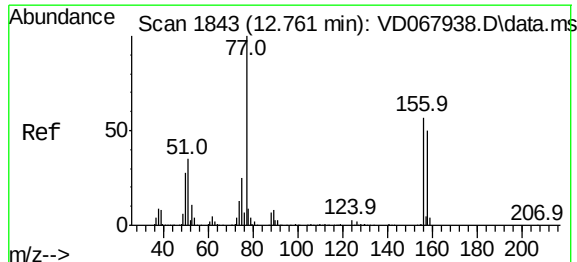
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#1845 (-)
 1,2,3-Trichloropropane
 Concen: 18.84 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:	75	Resp:	30509
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



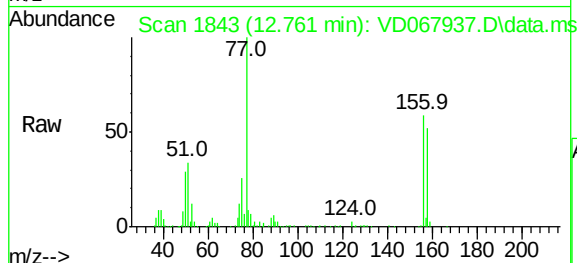


#1834 (-)
Bromobenzene
Concen: 20.90 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

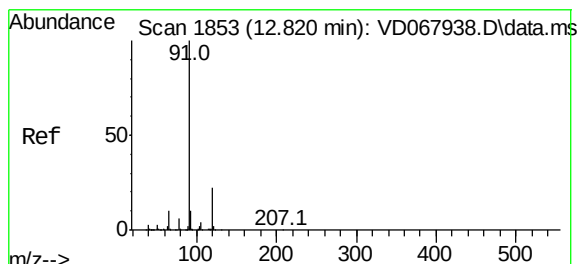
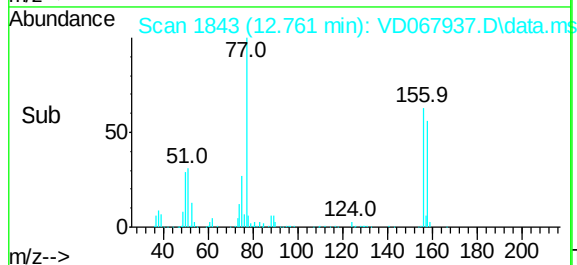
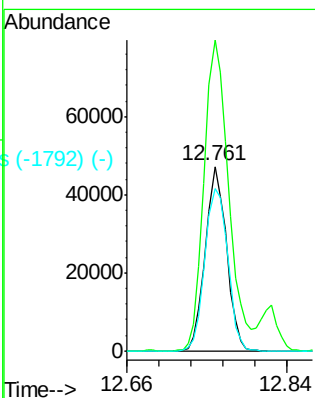
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Tgt Ion: 156 Resp: 76415

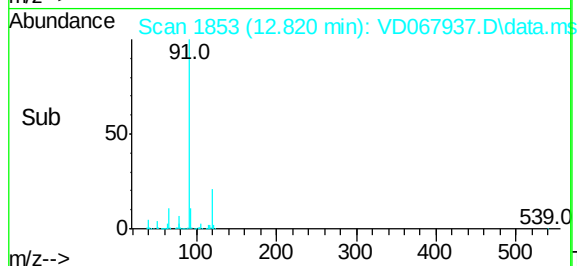
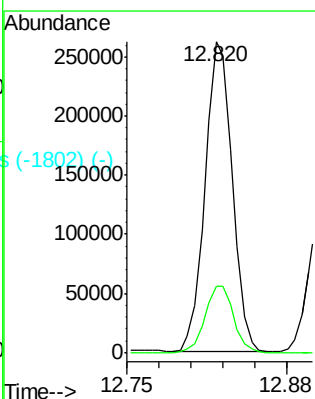
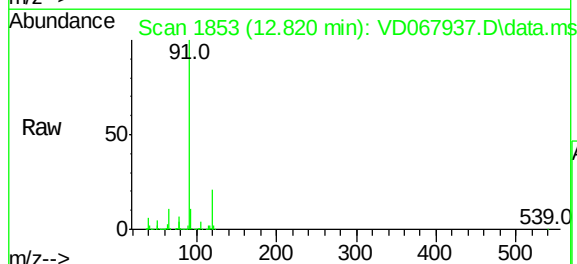
Ion	Ratio	Lower	Upper
156	100		
77	196.1	95.9	287.6
158	95.4	46.8	140.3

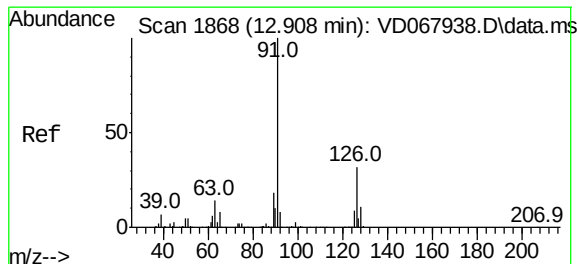


#1847 (-)
n-propylbenzene
Concen: 24.40 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 91 Resp: 411558

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5



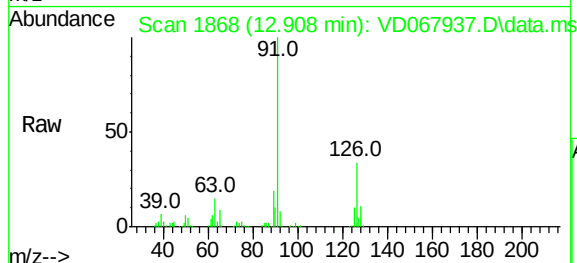


#1861 (-)
2-Chlorotoluene
Concen: 23.76 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

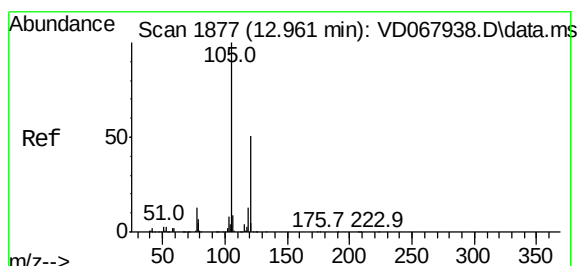
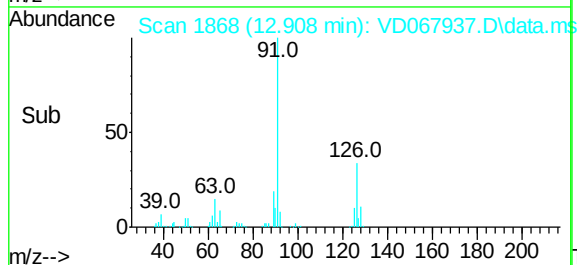
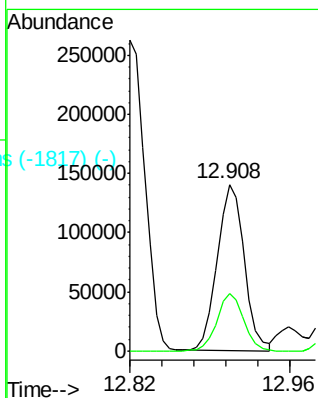
Instrument :
MSVOA_D
ClientSampleId :
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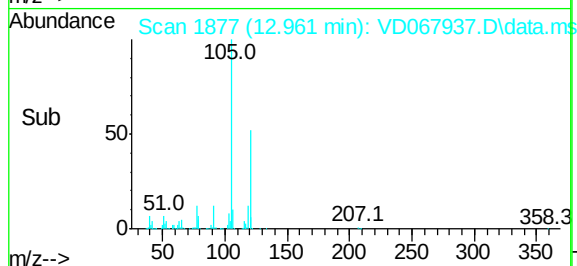
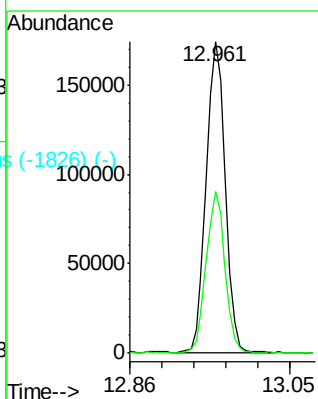
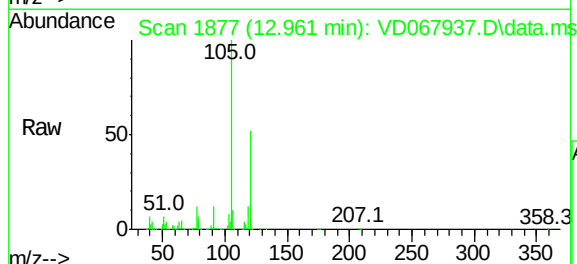


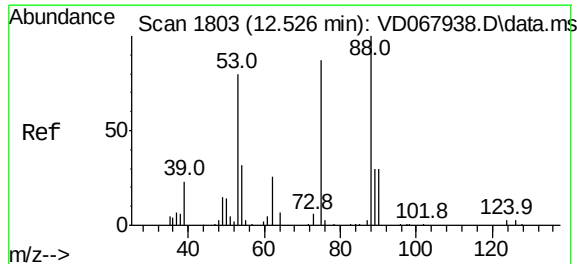
Tgt Ion: 91 Resp: 234076
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3



#1868 (-)
1,3,5-Trimethylbenzene
Concen: 21.73 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion: 105 Resp: 278484
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6





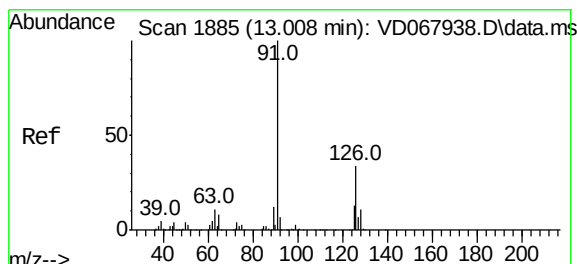
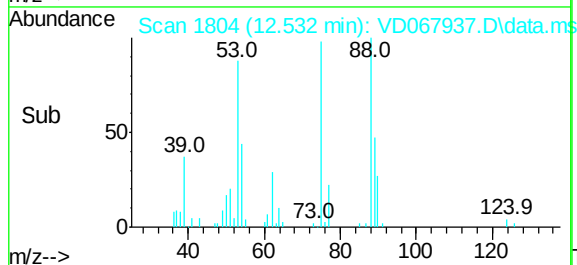
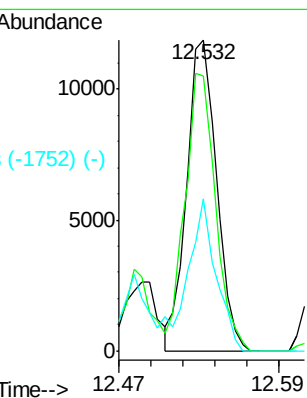
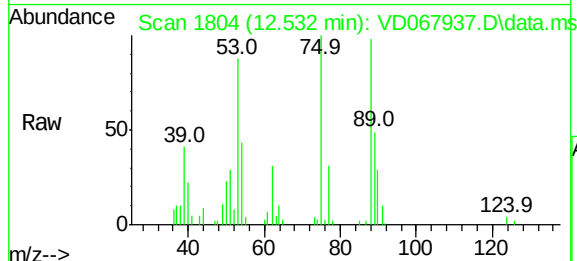
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 26.69 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.9	74.9	112.3
89	43.0	33.8	50.8

Instrument :
MSVOA_D
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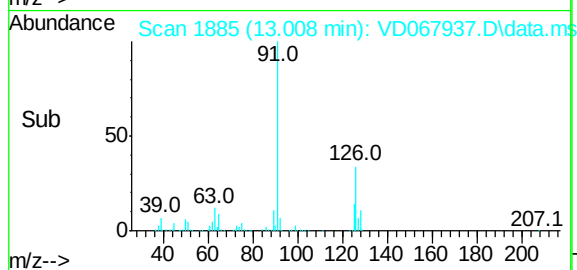
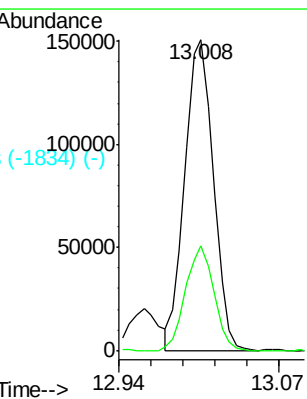
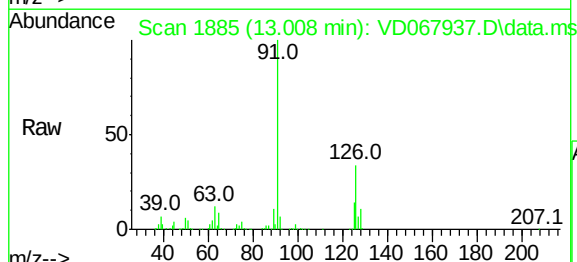
Manual Integrations
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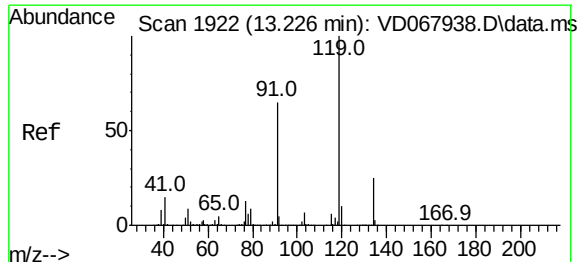
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#200 (-)
4-Chlorotoluene
Concen: 23.59 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	17.0	51.0





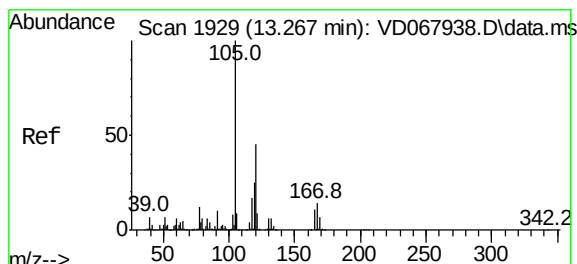
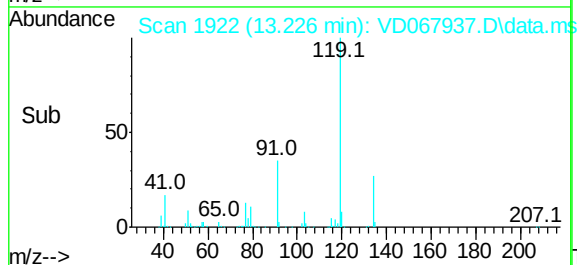
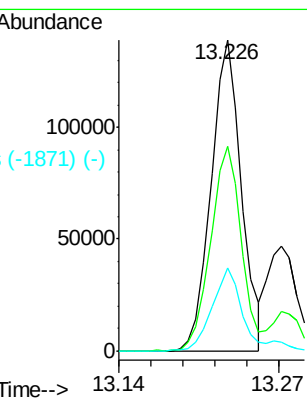
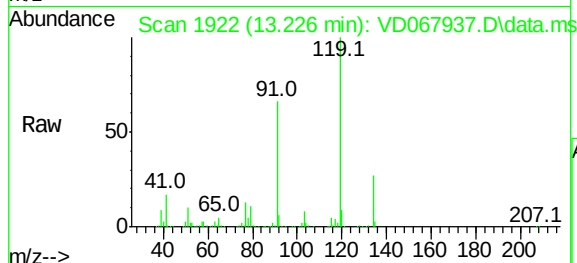
#8913 (-)
tert-Butylbenzene
Concen: 20.39 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	119	Resp:	219999
Ion Ratio	Lower	Upper	
119	100		
91	67.8	32.7	98.1
134	25.6	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
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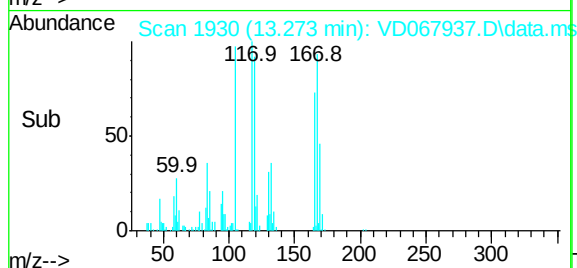
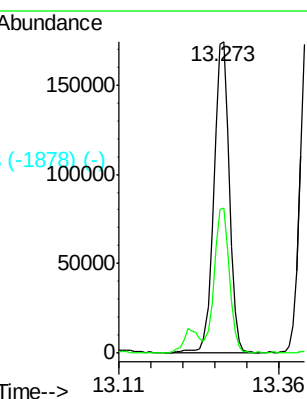
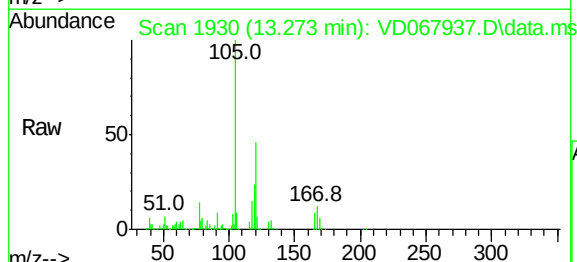
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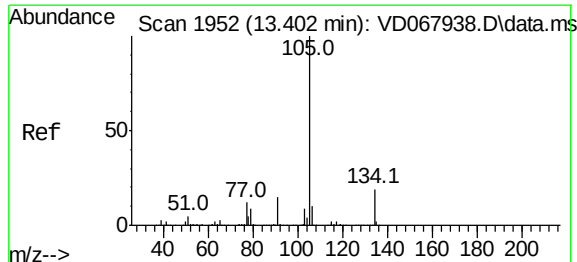
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#8916 (-)
1,2,4-Trimethylbenzene
Concen: 22.11 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	105	Resp:	282150
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.7	68.0





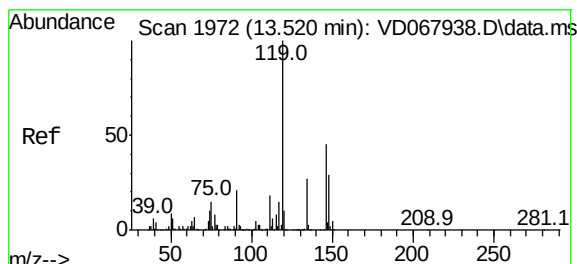
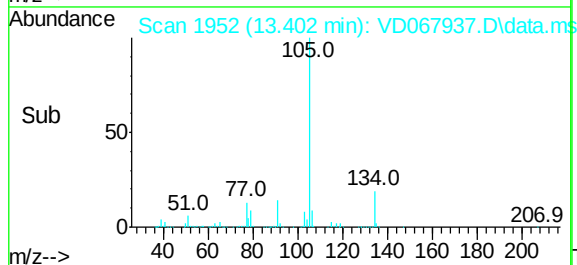
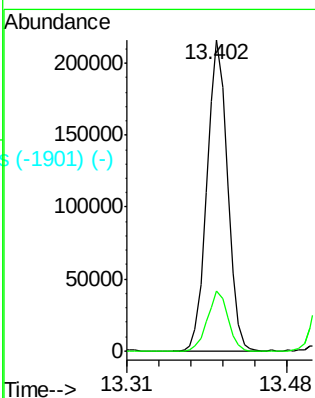
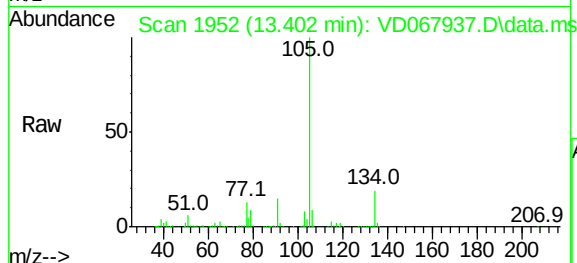
#8543 (-)
 sec-Butylbenzene
 Concen: 22.61 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:105 Resp: 332618
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Instrument :
 MSVOA_D
 ClientSampleId :
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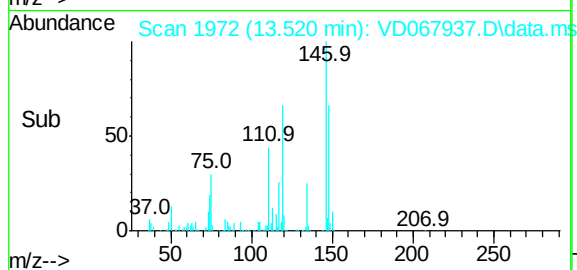
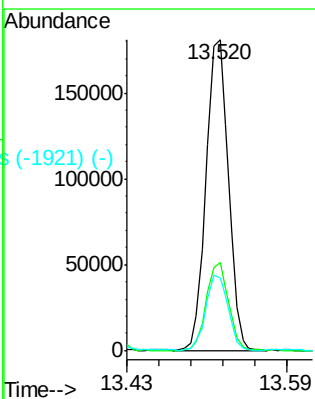
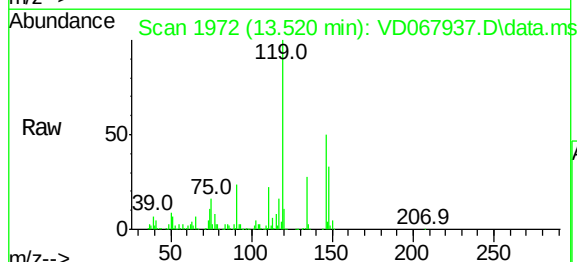
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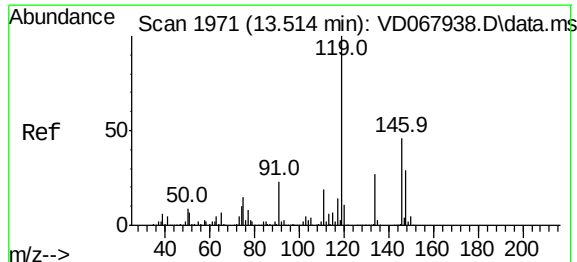
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#8564 (-)
 p-Isopropyltoluene
 Concen: 19.85 ug/l
 RT: 13.520 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VD067937.D
 Acq: 22 Dec 2020 16:45

Tgt Ion:119 Resp: 281207
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.3 39.9
 91 24.3 11.4 34.2





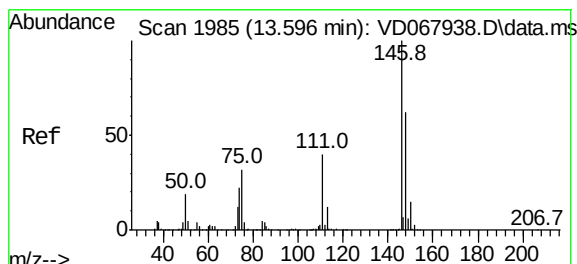
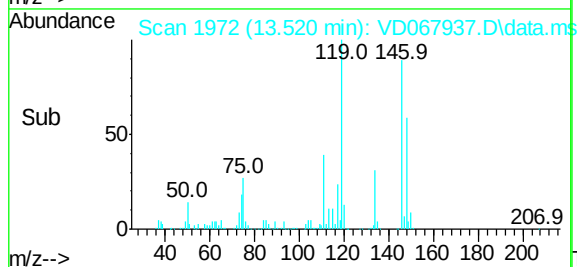
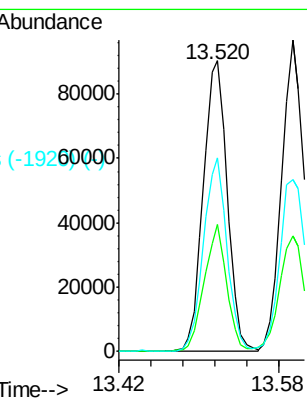
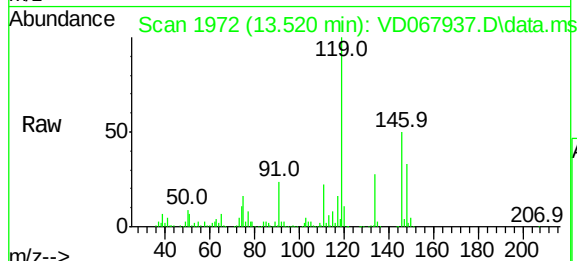
#873 (-)
1,3-Dichlorobenzene
Concen: 21.20 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	146	Resp:	150758
Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.8	31.8	95.4

Instrument :
MSVOA_D
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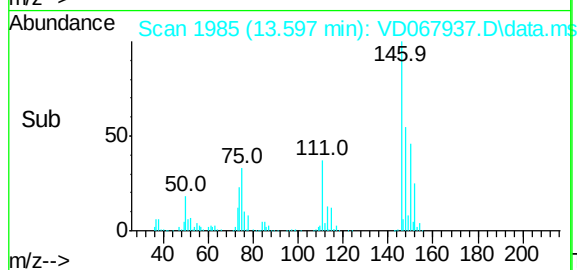
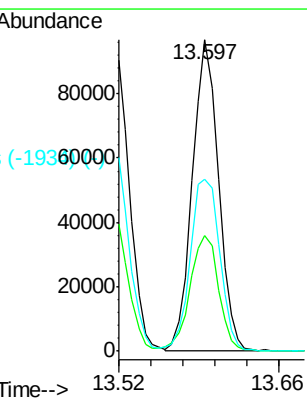
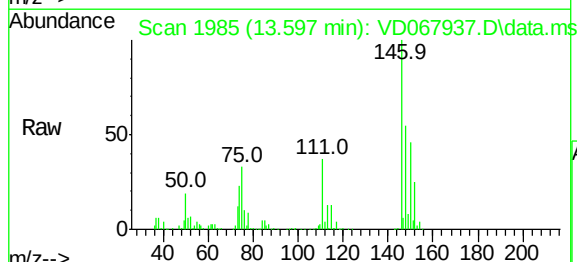
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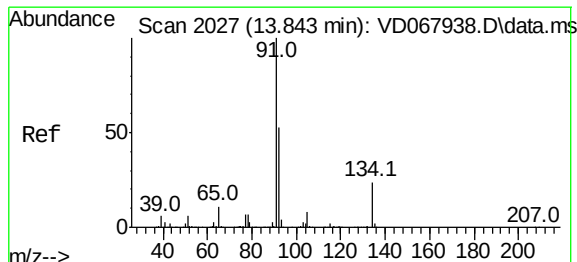
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#878 (-)
1,4-Dichlorobenzene
Concen: 21.76 ug/l
RT: 13.597 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	146	Resp:	154565
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.4	58.2
148	62.6	31.9	95.9





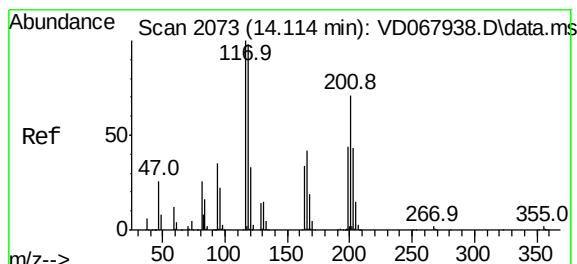
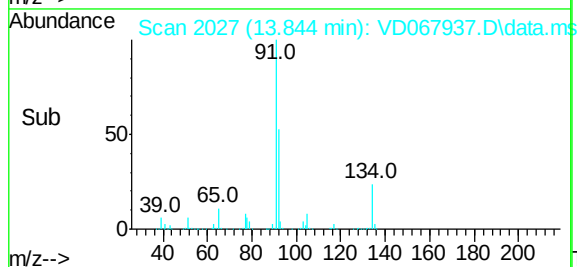
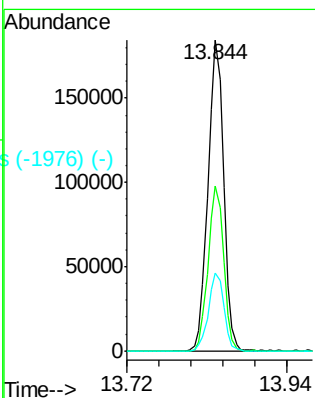
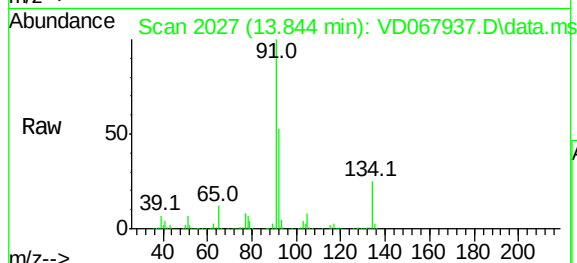
#9017 (-)
n-Butylbenzene
Concen: 23.03 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	91	Resp:	278347
Ion Ratio	100	Lower	Upper
91	100		
92	52.9	26.8	80.3
134	24.9	12.3	36.9

Instrument :
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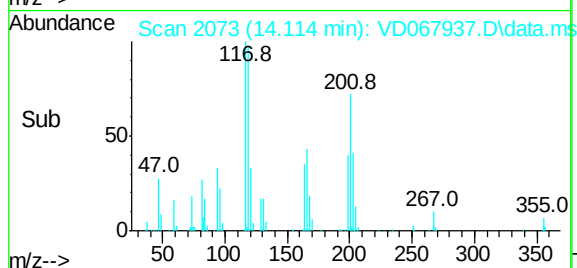
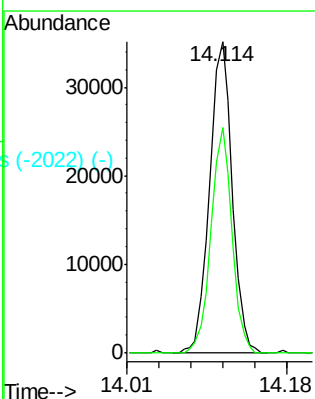
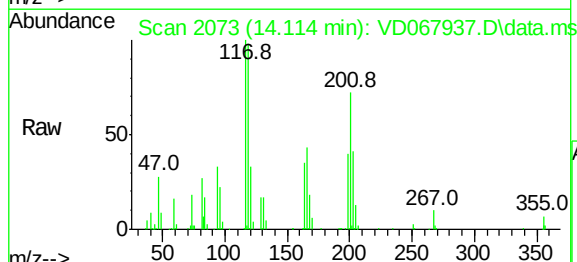
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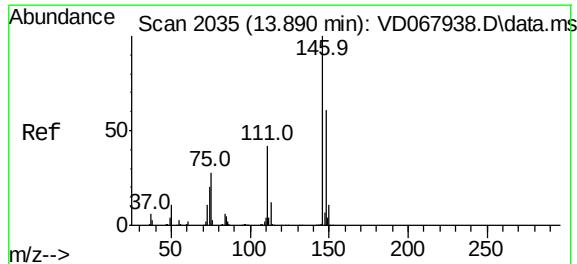
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#9064 (-)
Hexachloroethane
Concen: 22.18 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	117	Resp:	59173
Ion Ratio	100	Lower	Upper
117	100		
201	67.2	34.3	102.8





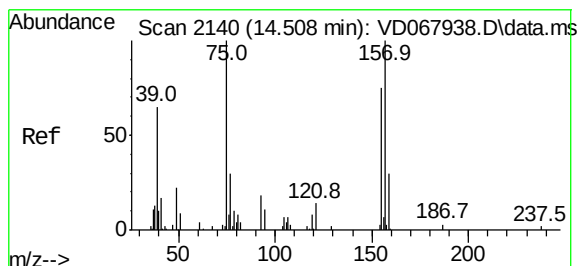
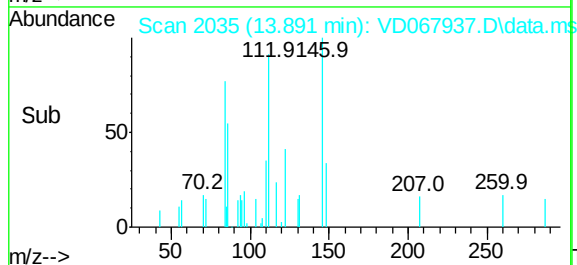
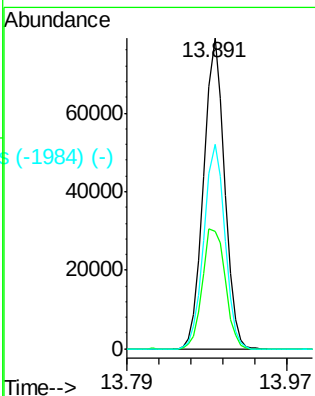
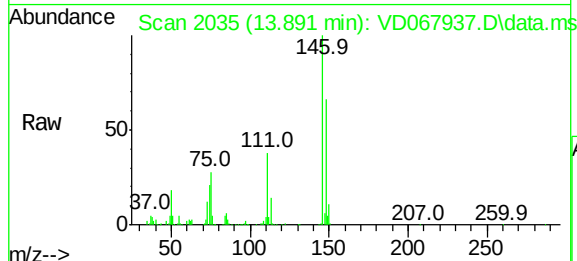
#91
1,2-Dichlorobenzene
Concen: 20.50 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:	146	Resp:	125691
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.5
148	66.4	31.6	95.0

Instrument :
MSVOA_D
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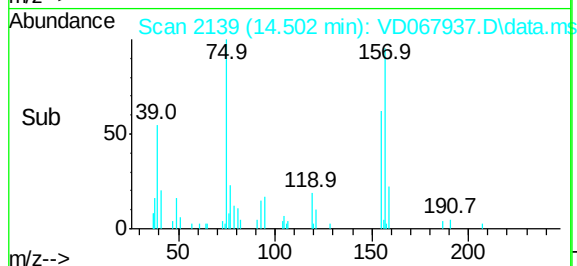
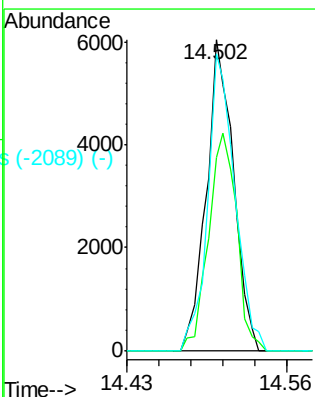
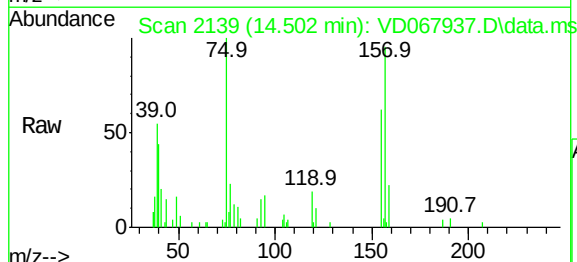
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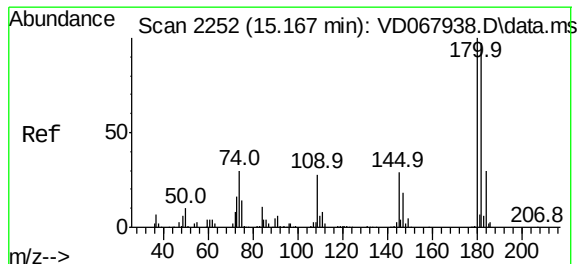
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#92
1,2-Dibromo-3-Chloropropane
Concen: 23.16 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

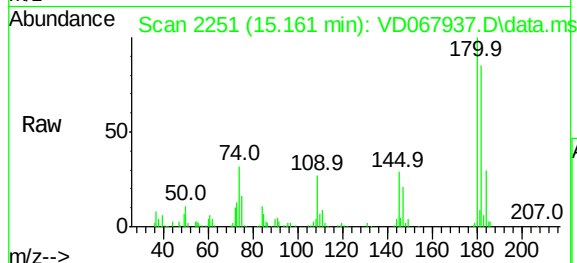
Tgt Ion:	75	Resp:	9426
Ion	Ratio	Lower	Upper
75	100		
155	72.6	39.8	119.3
157	95.9	50.6	151.9





1,2,4-Trichlorobenzene
Concen: 17.59 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

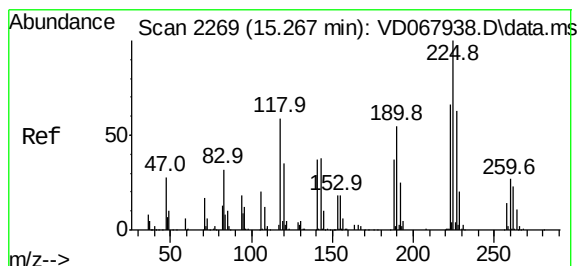
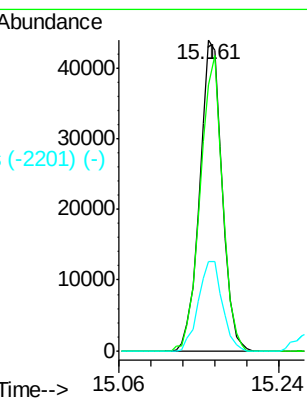
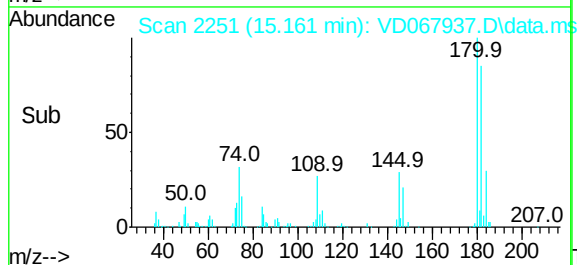
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



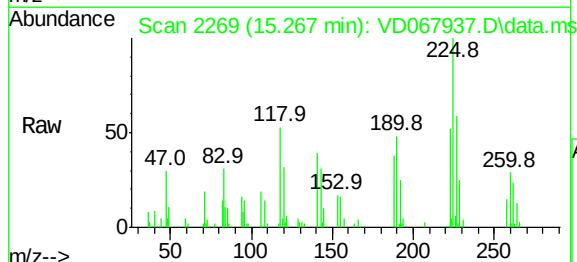
Tgt Ion:	180	Resp:	73039
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.2
145	30.9	15.8	47.3

Manual Integrations
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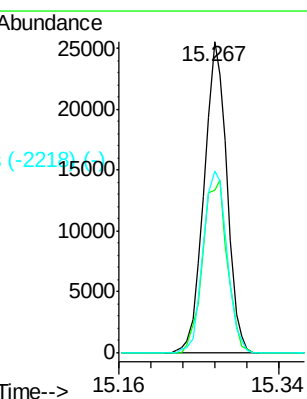
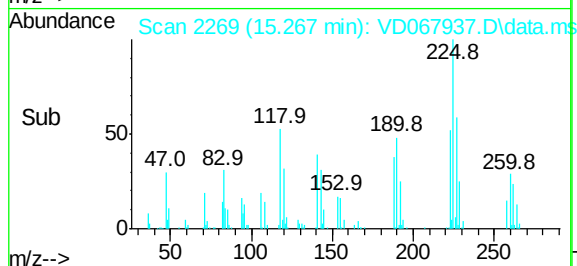
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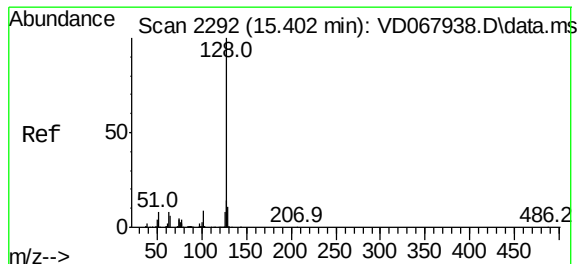


Hexachlorobutadiene
Concen: 16.38 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45



Tgt Ion:	225	Resp:	43685
Ion	Ratio	Lower	Upper
225	100		
223	59.5	33.4	100.2
227	61.1	31.7	95.1



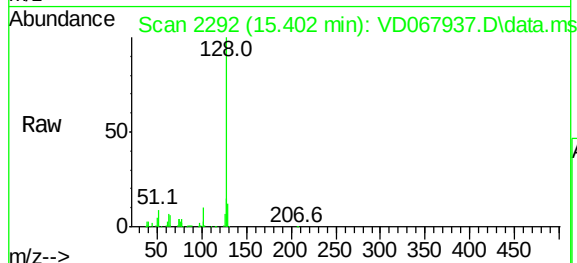


#9533 (-)
Naphthalene
Concen: 18.86 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

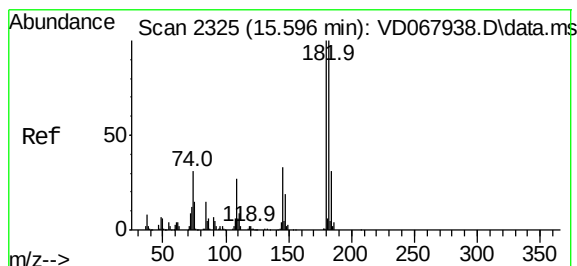
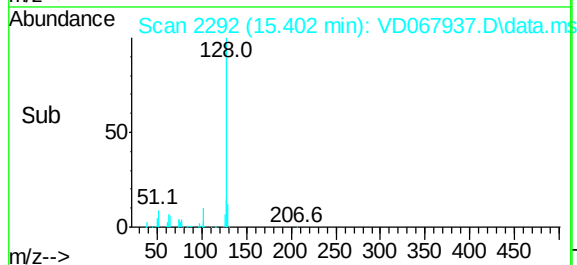
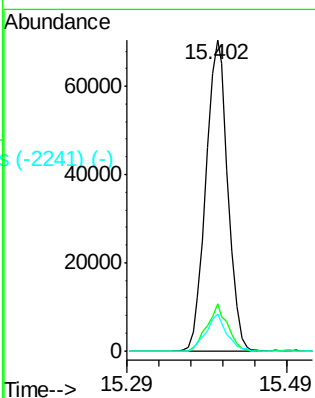
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
12/23/2020 3:24:52 PM



Tgt Ion:128 Resp: 128798
Ion Ratio Lower Upper
128 100
127 14.1 11.2 16.8
129 11.0 8.6 12.8



#9515 (-)
1,2,3-Trichlorobenzene
Concen: 18.21 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067937.D
Acq: 22 Dec 2020 16:45

Tgt Ion:180 Resp: 65146
Ion Ratio Lower Upper
180 100
182 94.7 50.2 150.6
145 33.5 17.0 51.0

