

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
 Data File : VD067963.D
 Acq On : 29 Dec 2020 12:05
 Operator : VA/SY
 Sample : VD1229SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

Manual Integrations
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 12/30/2020 2:02:33 PM

Quant Time: Dec 30 00:11:51 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	300439	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.867	114	496400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	459708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	219386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	156532	48.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.50%
35) Dibromofluoromethane	7.914	113	156564	50.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.12%
50) Toluene-d8	10.338	98	564143	47.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.98%
62) 4-Bromofluorobenzene	12.632	95	201040	49.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.98%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	55774	18.23	ug/l	98
3) Chloromethane	2.209	50	73442	17.55	ug/l	95
4) Vinyl Chloride	2.350	62	67203	17.24	ug/l	94
5) Bromomethane	2.756	94	46318	15.55	ug/l	99
6) Chloroethane	2.915	64	40304	16.82	ug/l	98
7) Trichlorofluoromethane	3.268	101	116286	20.24	ug/l	96
8) Diethyl Ether	3.703	74	34164	20.74	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	70714	20.65	ug/l	98
10) Methyl Iodide	4.291	142	52952	17.84	ug/l	96
11) Tert butyl alcohol	5.220	59	28241m	121.50	ug/l	
12) 1,1-Dichloroethene	4.068	96	62790	19.12	ug/l	97
13) Acrolein	3.915	56	18610	80.60	ug/l	98
14) Allyl chloride	4.715	41	103534	17.73	ug/l	97
15) Acrylonitrile	5.426	53	76895	97.51	ug/l	97
16) Acetone	4.162	43	65978	106.52	ug/l	91
17) Carbon Disulfide	4.403	76	220881	19.30	ug/l	99
18) Methyl Acetate	4.715	43	35402	19.34	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	135387	19.82	ug/l	96
20) Methylene Chloride	4.962	84	89476	17.49	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	77251	19.68	ug/l	93
22) Diisopropyl ether	6.362	45	221115	18.80	ug/l #	93
23) Vinyl Acetate	6.303	43	553440	92.56	ug/l	96
24) 1,1-Dichloroethane	6.262	63	135970	19.10	ug/l	97
25) 2-Butanone	7.209	43	86229	94.40	ug/l	99
26) 2,2-Dichloropropane	7.203	77	107755	19.21	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	82024	19.56	ug/l	95
28) Bromochloromethane	7.550	49	47874	17.83	ug/l	91
29) Tetrahydrofuran	7.562	42	59951	97.02	ug/l	98
30) Chloroform	7.709	83	134452	19.28	ug/l	99
31) Cyclohexane	7.979	56	126149	19.02	ug/l #	95
32) 1,1,1-Trichloroethane	7.903	97	120081	20.10	ug/l	99
36) 1,1-Dichloropropene	8.109	75	105453	19.99	ug/l	98
37) Ethyl Acetate	7.291	43	44956	21.06	ug/l #	94
38) Carbon Tetrachloride	8.097	117	104983	20.83	ug/l	96
39) Methylcyclohexane	9.356	83	119194	19.70	ug/l	94
40) Benzene	8.350	78	306557	20.03	ug/l	100
41) Methacrylonitrile	7.526	41	22454m	18.69	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	85413	20.69	ug/l	99
43) Isopropyl Acetate	8.450	43	75483	19.26	ug/l	97
44) Trichloroethene	9.114	130	78541	20.47	ug/l	96
45) 1,2-Dichloropropane	9.391	63	78046	20.03	ug/l	98
46) Dibromomethane	9.479	93	39545	20.88	ug/l	98
47) Bromodichloromethane	9.661	83	101552	19.87	ug/l	97
48) Methyl methacrylate	9.456	41	41635	20.56	ug/l	96
49) 1,4-Dioxane	9.467	88	9084	439.27	ug/l	93
51) 4-Methyl-2-Pentanone	10.232	43	204895	100.98	ug/l	98
52) Toluene	10.403	92	189382	20.04	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	93803	20.30	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	113797	19.90	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	55747	21.06	ug/l	93
56) Ethyl methacrylate	10.655	69	58146	19.55	ug/l	96
57) 1,3-Dichloropropane	10.944	76	94693	20.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	133034	88.89	ug/l	100
59) 2-Hexanone	10.985	43	139673	104.74	ug/l	97
60) Dibromochloromethane	11.138	129	69205	21.11	ug/l	98
61) 1,2-Dibromoethane	11.250	107	51131	20.13	ug/l	99
64) Tetrachloroethene	10.873	164	63869	19.80	ug/l	94
65) Chlorobenzene	11.667	112	198923	20.06	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	71795	20.28	ug/l	99
67) Ethyl Benzene	11.744	91	348436	19.70	ug/l	98
68) m/p-Xylenes	11.855	106	273743	40.61	ug/l	99
69) o-Xylene	12.179	106	116080	19.25	ug/l	96
70) Styrene	12.197	104	208467	20.00	ug/l	100
71) Bromoform	12.361	173	37292	20.84	ug/l #	98
73) Isopropylbenzene	12.479	105	323340	19.86	ug/l	98
74) N-ethyl acetate	12.291	43	72807	19.70	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	64177	21.24	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	45765m	24.78	ug/l	
77) Bromobenzene	12.761	156	74559	20.02	ug/l	94
78) n-propylbenzene	12.820	91	409874	20.25	ug/l	99
79) 2-Chlorotoluene	12.908	91	227252	19.87	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	278621	20.60	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	18631	20.68	ug/l	96
82) 4-Chlorotoluene	13.002	91	248779	20.70	ug/l	97
83) tert-Butylbenzene	13.220	119	227180	20.42	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	276335	20.37	ug/l	99
85) sec-Butylbenzene	13.402	105	330990	20.34	ug/l	100
86) p-Isopropyltoluene	13.514	119	291289	20.34	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	151261	20.42	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	149775	20.48	ug/l	97
89) n-Butylbenzene	13.844	91	284934	20.06	ug/l	98
90) Hexachloroethane	14.108	117	60610	20.71	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	129142	20.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9672	20.45	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	77368	20.90	ug/l	99
94) Hexachlorobutadiene	15.267	225	44346	20.47	ug/l	96
95) Naphthalene	15.402	128	127902	19.55	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	67321	21.05	ug/l	95

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

Instrument :

MSVOA_D

ClientSampleId :

VD1229SBS01

Manual Integrations

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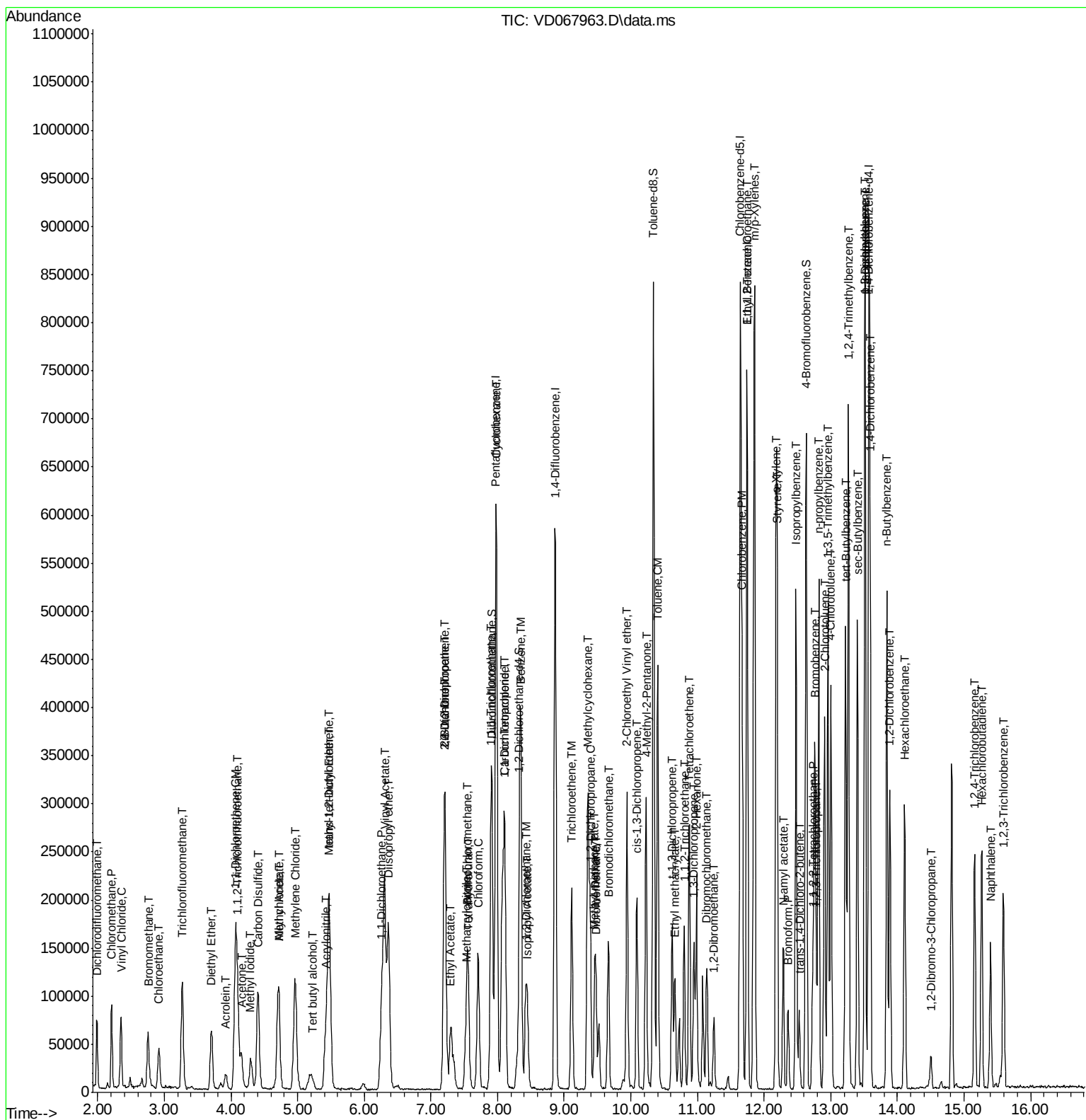
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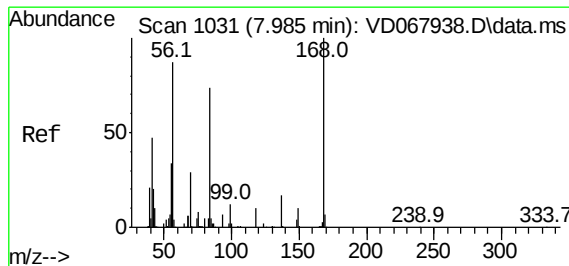
Instrument :
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 ClientSampleId :
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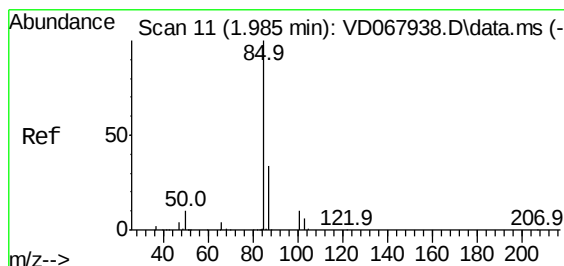
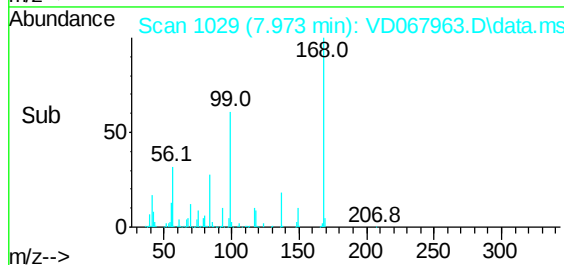
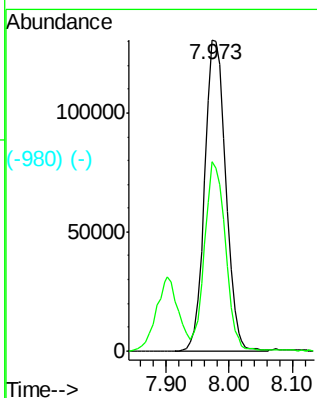
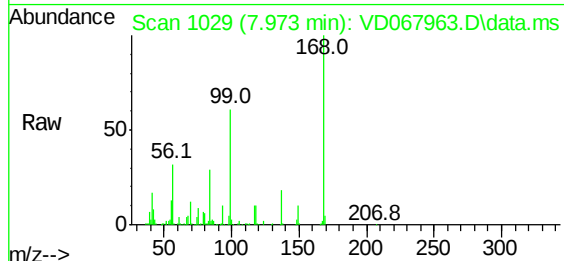
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:168 Resp: 300439
Ion Ratio Lower Upper
168 100
99 60.6 48.0 72.0

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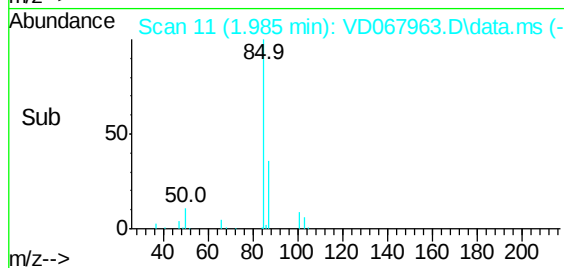
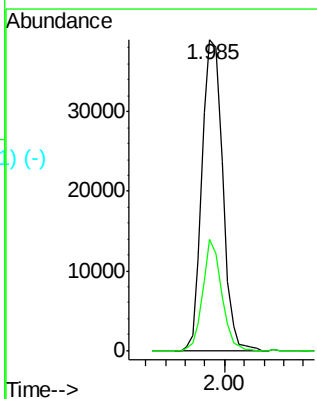
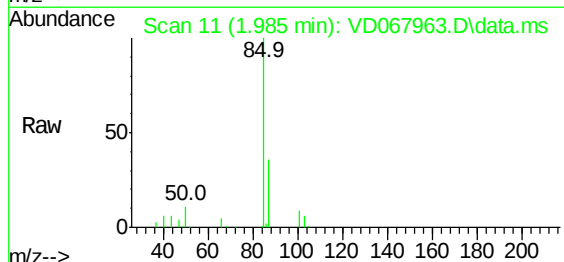
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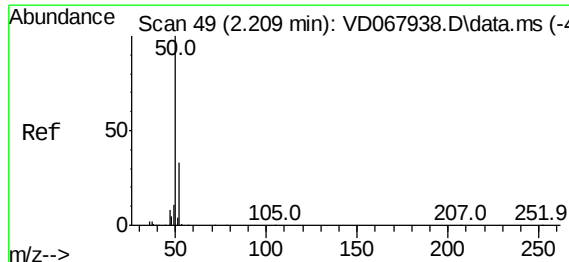
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Dichlorodifluoromethane
Concen: 18.23 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 85 Resp: 55774
Ion Ratio Lower Upper
85 100
87 35.6 17.1 51.3





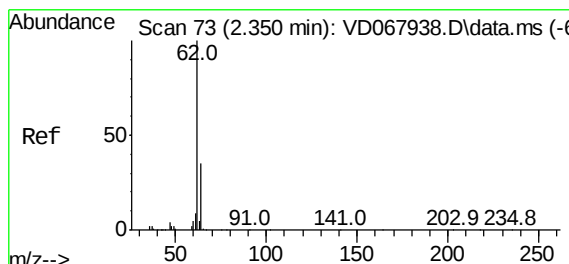
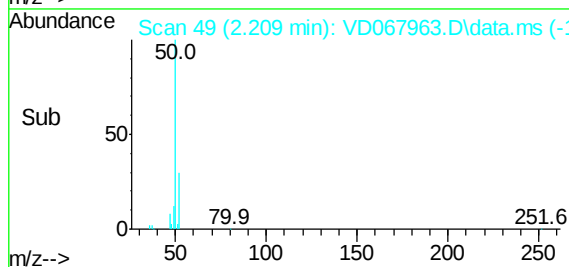
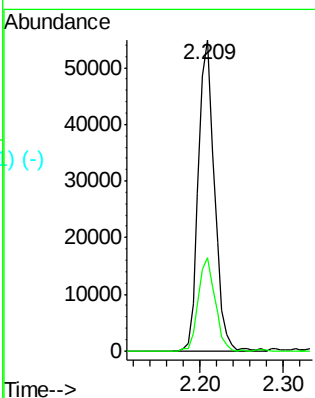
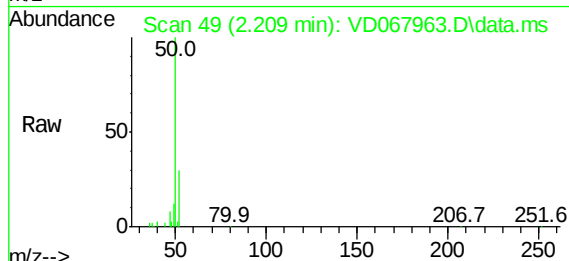
Chloromethane
 Concen: 17.55 ug/l
 RT: 2.209 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 50 Resp: 73442
 Ion Ratio Lower Upper
 50 100
 52 30.2 26.2 39.4

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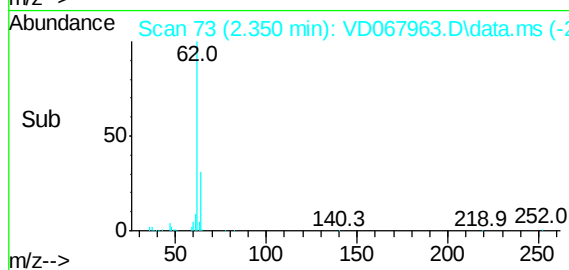
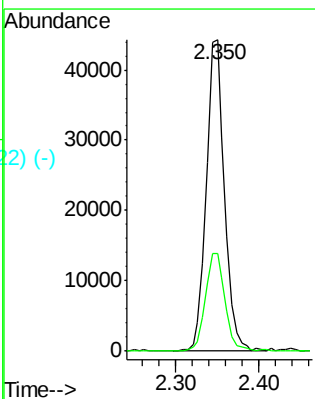
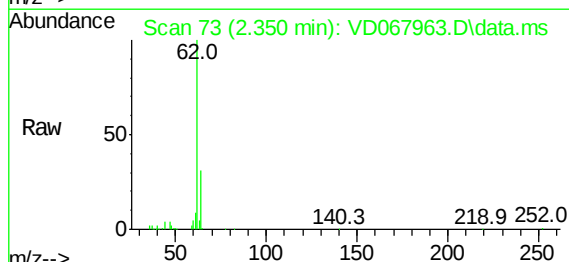
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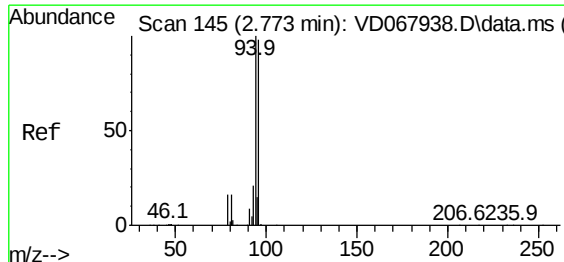
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Vinyl Chloride
 Concen: 17.24 ug/l
 RT: 2.350 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 62 Resp: 67203
 Ion Ratio Lower Upper
 62 100
 64 31.3 28.1 42.1





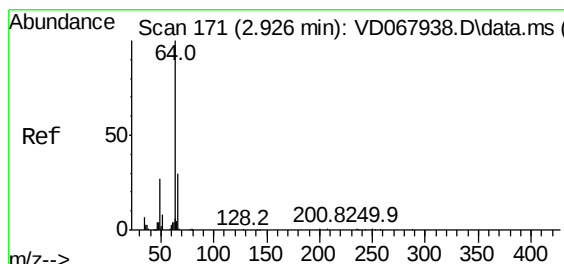
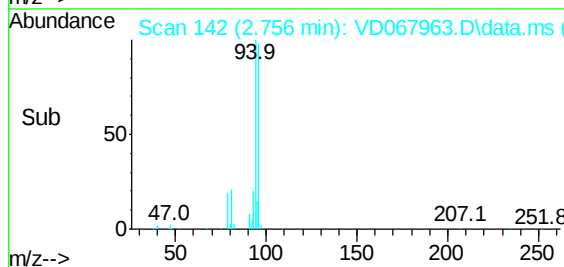
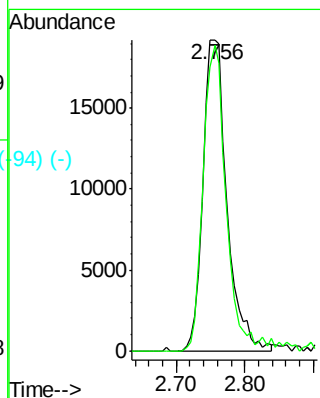
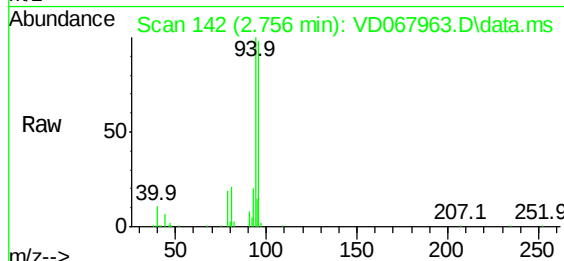
Bromomethane
 Concen: 15.55 ug/l
 RT: 2.756 min Scan# 142
 Delta R.T. -0.017 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 94 Resp: 46318
 Ion Ratio Lower Upper
 94 100
 96 98.2 78.0 117.0

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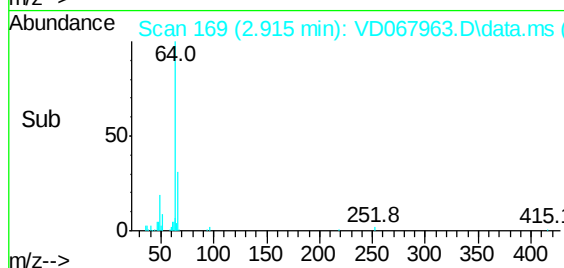
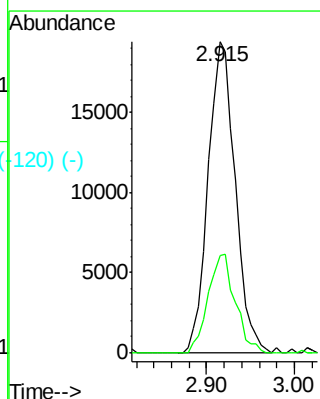
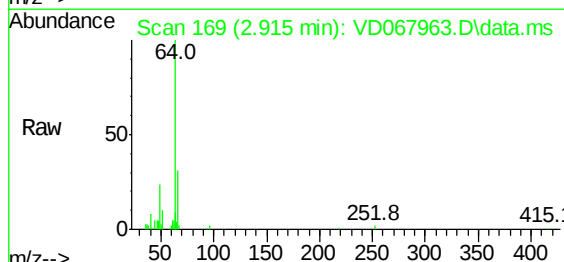
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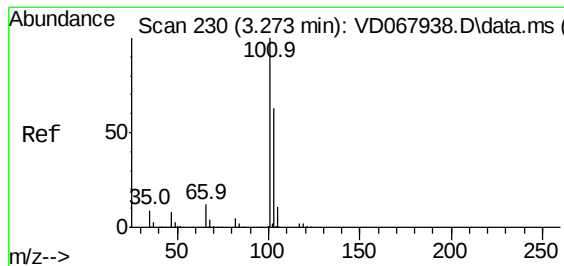
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Chloroethane
 Concen: 16.82 ug/l
 RT: 2.915 min Scan# 169
 Delta R.T. -0.012 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 64 Resp: 40304
 Ion Ratio Lower Upper
 64 100
 66 31.1 24.1 36.1





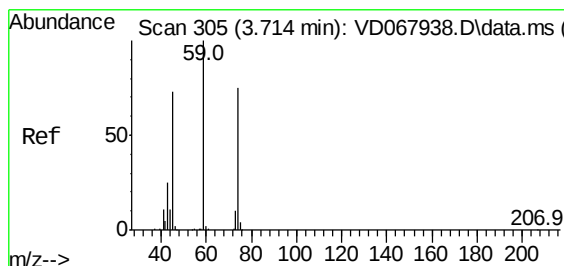
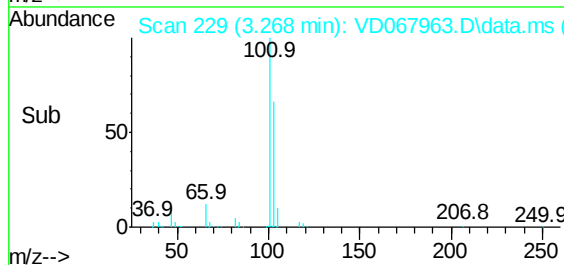
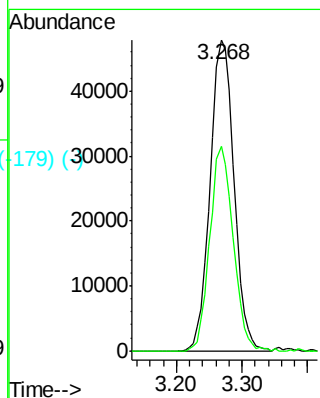
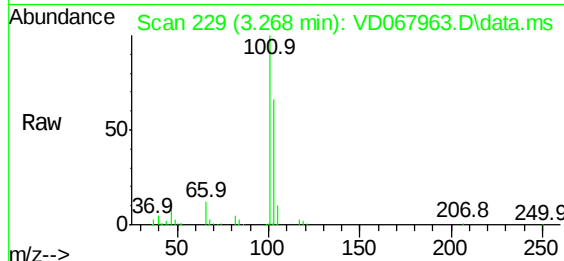
Scan 230 (3.273 min): VD067938.D\data.ms (-217) (-)
 Trichlorofluoromethane
 Concen: 20.24 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 101 Resp: 116286
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

Instrument :
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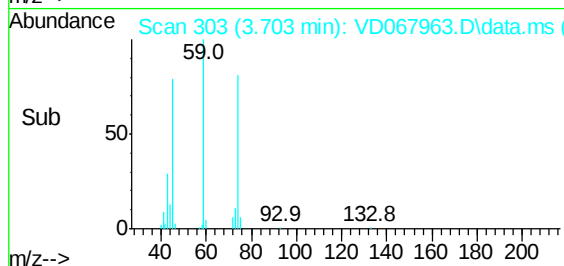
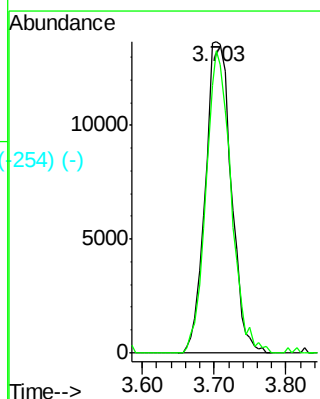
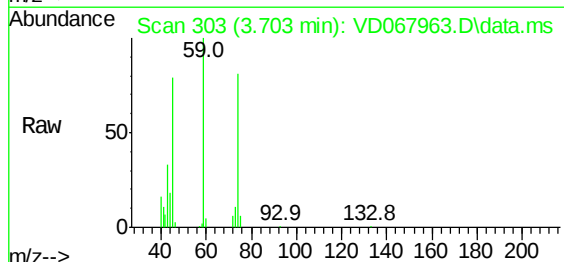
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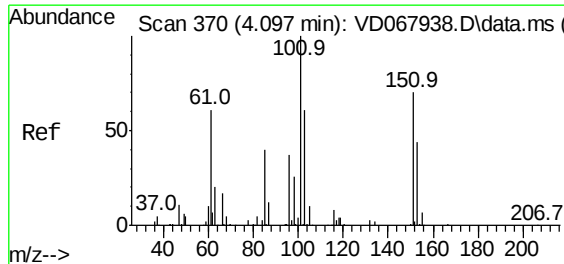
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Scan 305 (3.714 min): VD067938.D\data.ms (-254) (-)
 Diethyl Ether
 Concen: 20.74 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.012 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 74 Resp: 34164
 Ion Ratio Lower Upper
 74 100
 45 93.8 51.8 155.5





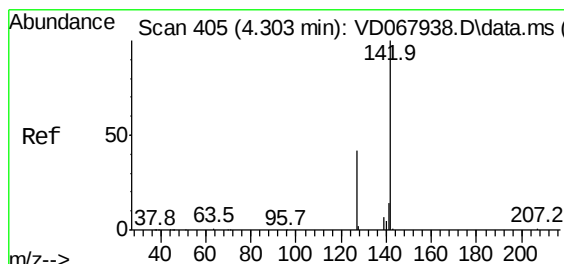
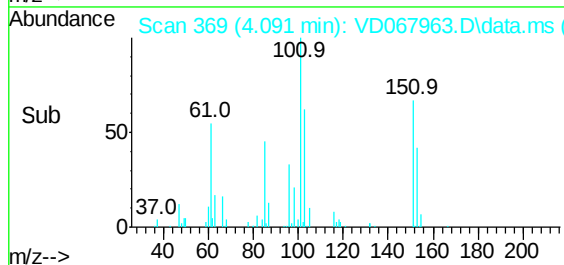
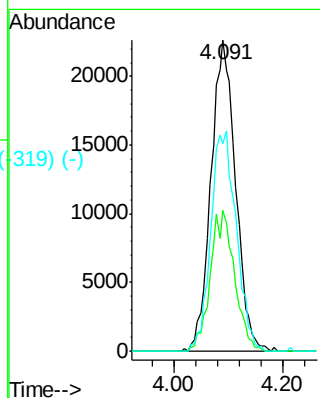
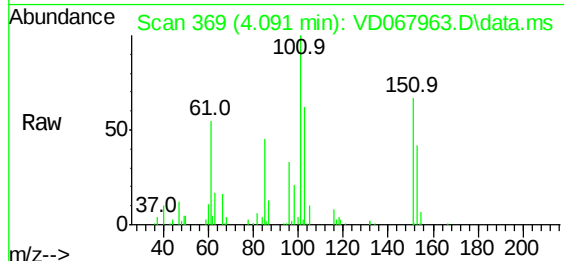
1,1,2-Trichlorotrifluoroethane
 Concen: 20.65 ug/l
 RT: 4.091 min Scan# 369
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:101 Resp: 70714
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.2 51.2
 151 73.4 57.6 86.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

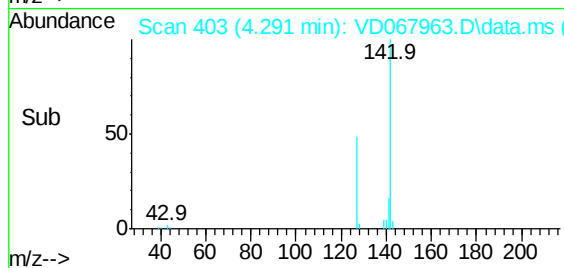
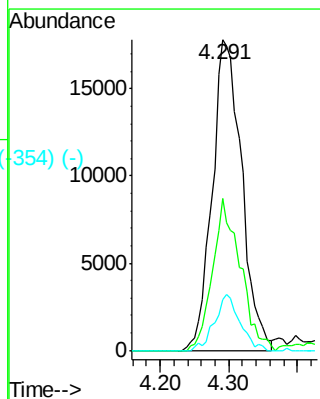
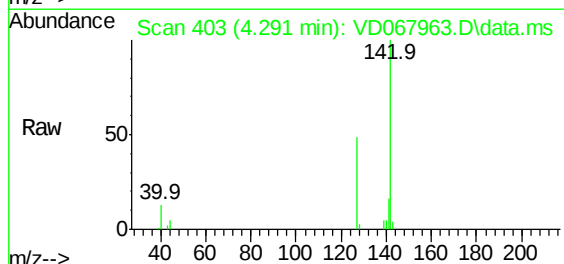
Manual Integrations
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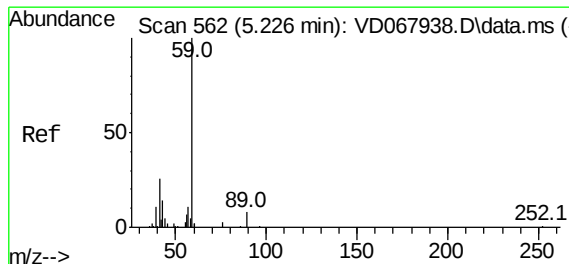
MMDadoda
 12/30/2020 2:02:33 PM



Methyl Iodide
 Concen: 17.84 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.012 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:142 Resp: 52952
 Ion Ratio Lower Upper
 142 100
 127 46.1 34.4 51.6
 141 15.4 11.8 17.8





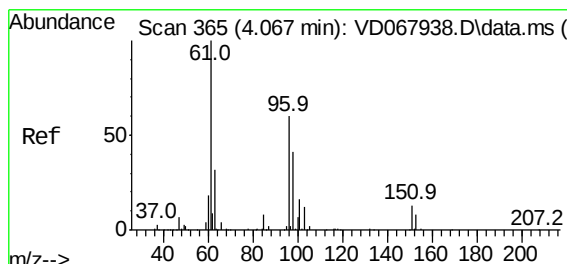
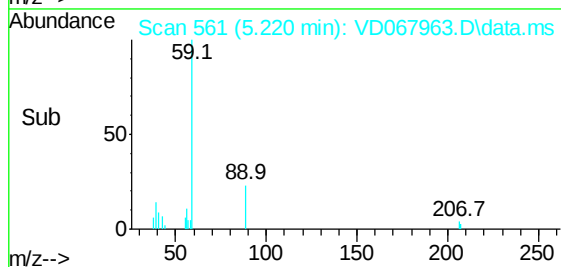
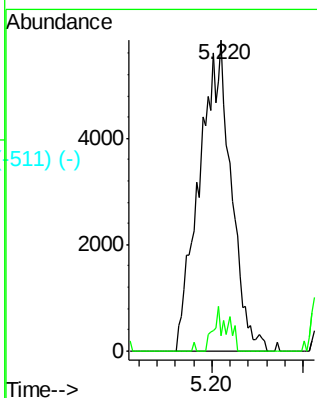
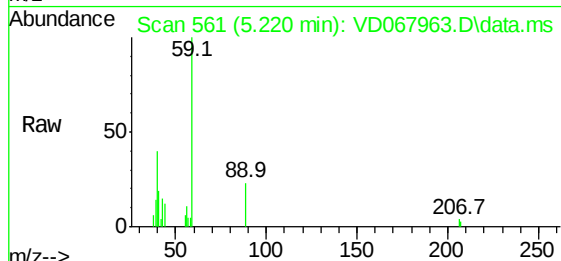
Tert butyl alcohol
 Concen: 121.50 ug/l m
 RT: 5.220 min Scan# 561
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 59 Resp: 28241
 Ion Ratio Lower Upper
 59 100
 57 4.4 7.4 11.2#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

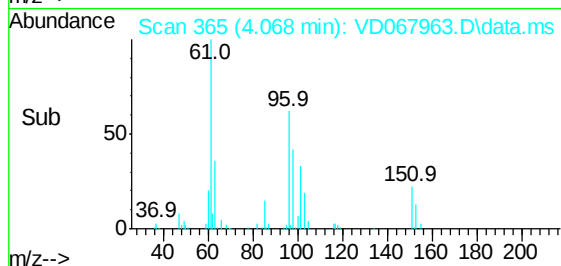
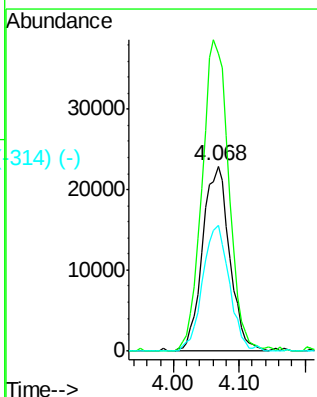
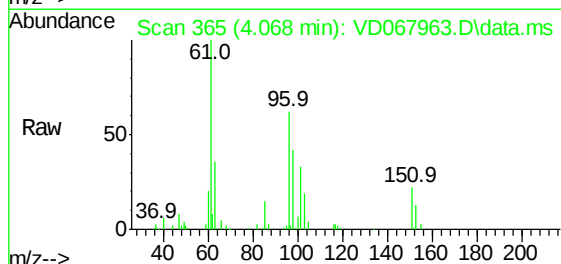
Manual Integrations
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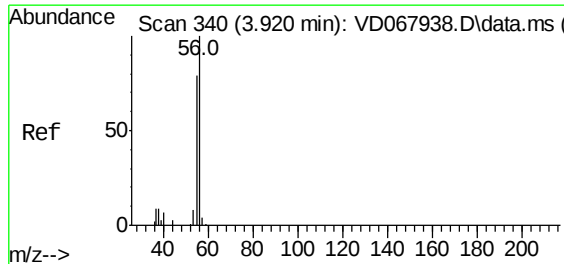
MMDadoda
 12/30/2020 2:02:33 PM



1,1-Dichloroethene
 Concen: 19.12 ug/l
 RT: 4.068 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 96 Resp: 62790
 Ion Ratio Lower Upper
 96 100
 61 161.4 133.6 200.4
 98 68.1 54.8 82.2





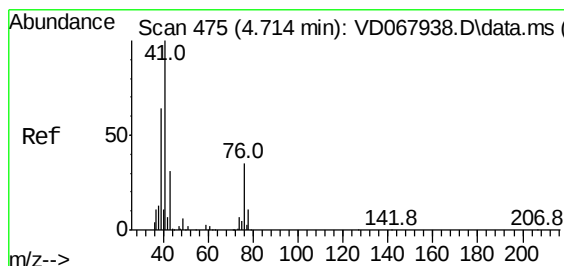
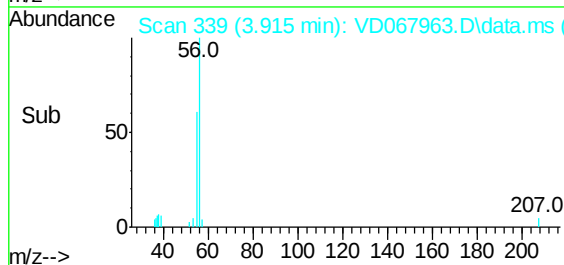
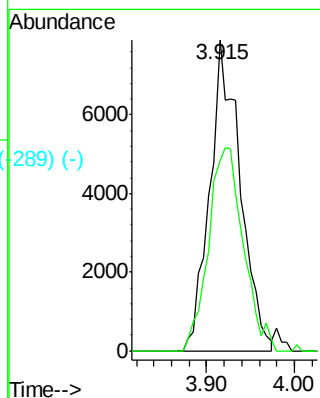
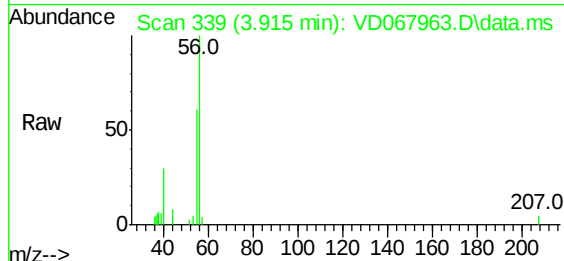
Acrolein
Concen: 80.60 ug/l
RT: 3.915 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 56 Resp: 18610
Ion Ratio Lower Upper
56 100
55 75.0 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

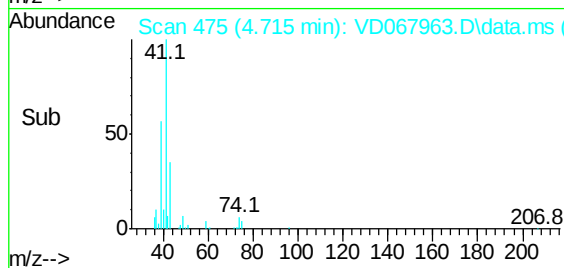
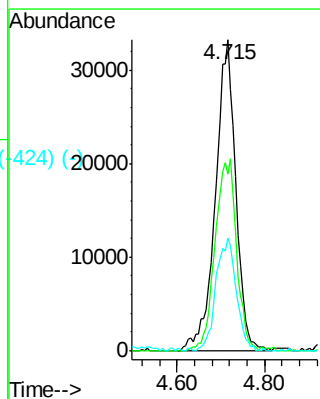
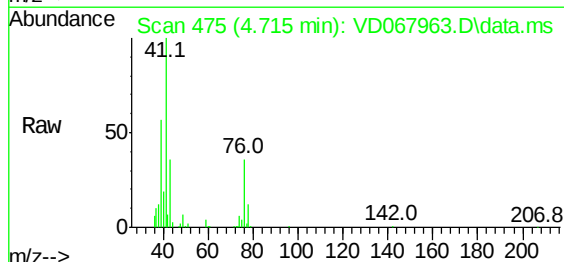
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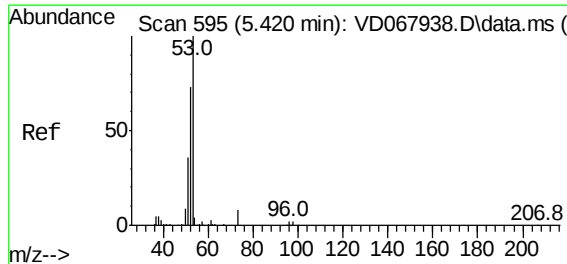
MMDadoda
12/30/2020 2:02:33 PM



Allyl chloride
Concen: 17.73 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 41 Resp: 103534
Ion Ratio Lower Upper
41 100
39 64.6 50.5 75.7
76 35.8 27.0 40.4





Acrylonitrile
Concen: 97.51 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

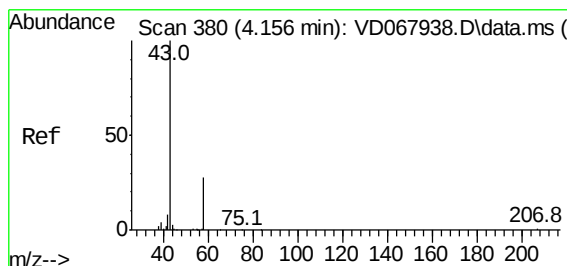
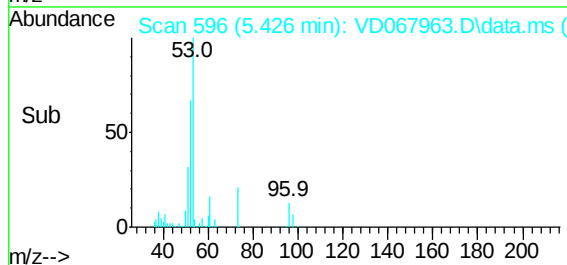
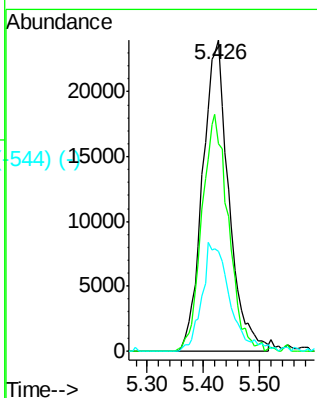
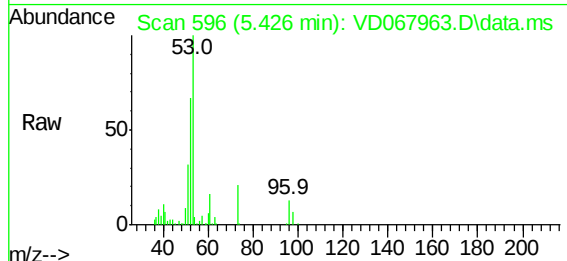
Tgt Ion: 53 Resp: 76895

Ion	Ratio	Lower	Upper
53	100		
52	77.3	65.3	97.9
51	36.7	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Manual Integrations
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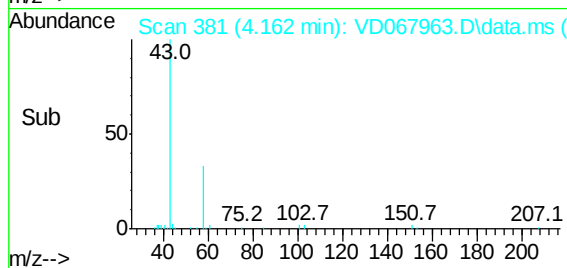
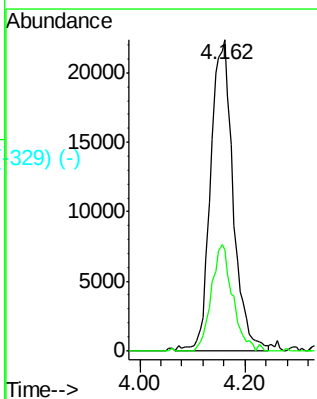
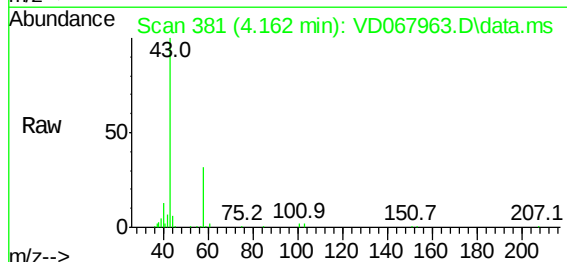
MMDadoda
12/30/2020 2:02:33 PM

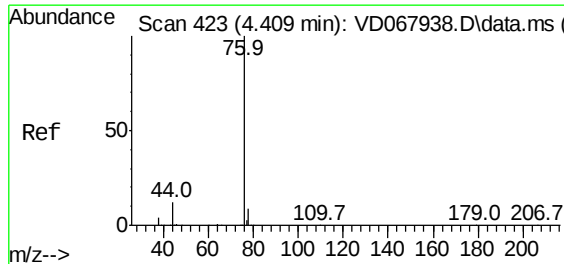


Acetone
Concen: 106.52 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 65978

Ion	Ratio	Lower	Upper
43	100		
58	32.4	22.3	33.5





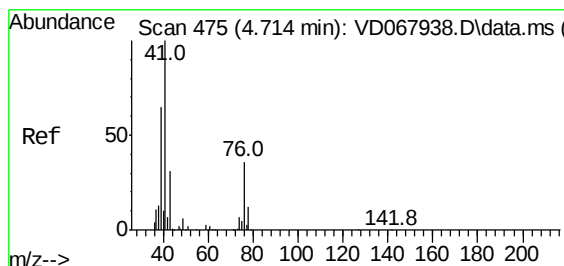
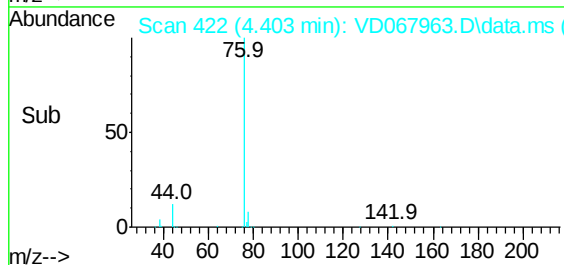
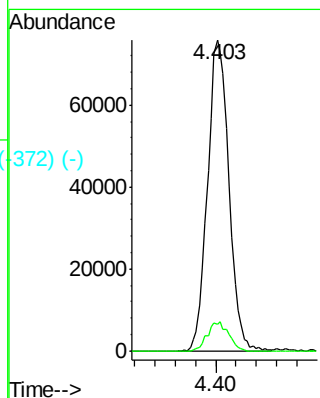
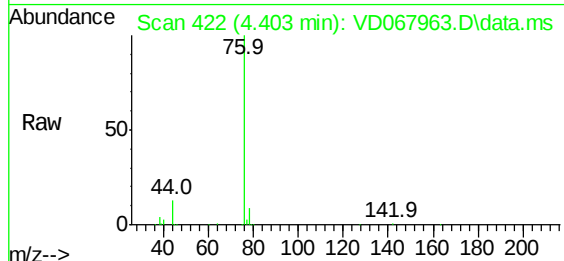
Carbon Disulfide
Concen: 19.30 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Tgt Ion: 76 Resp: 220881
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

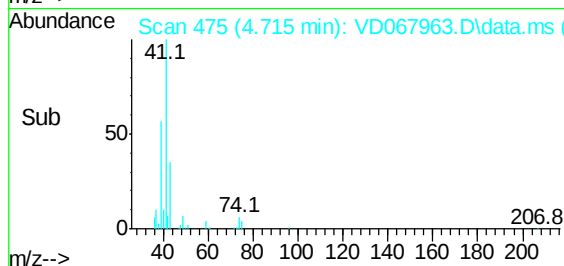
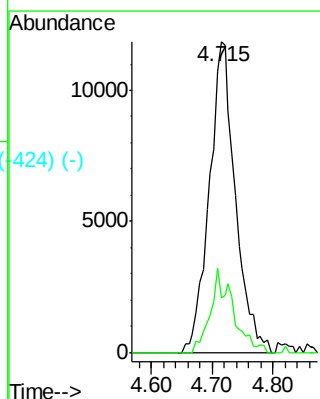
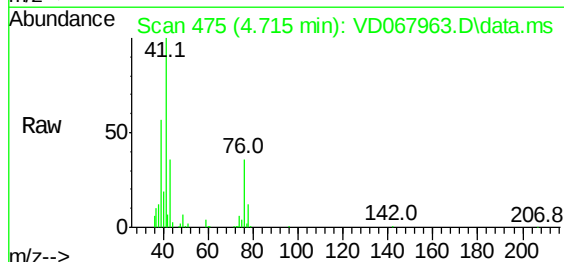
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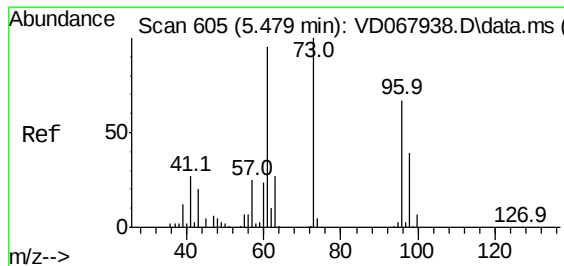
MMDadoda
12/30/2020 2:02:33 PM



Methyl Acetate
Concen: 19.34 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 35402
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2





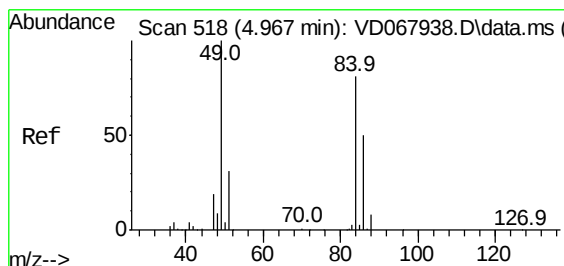
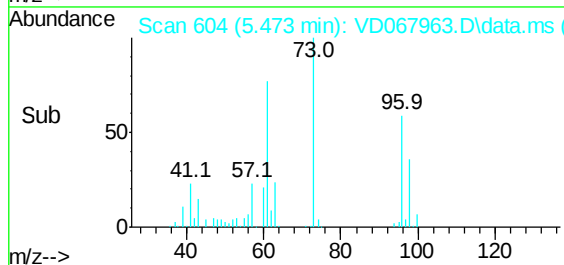
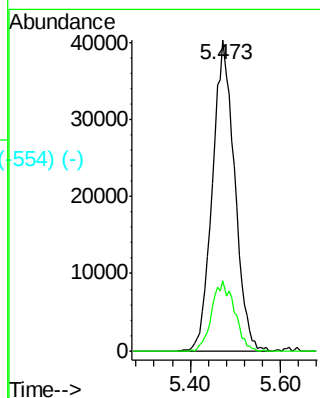
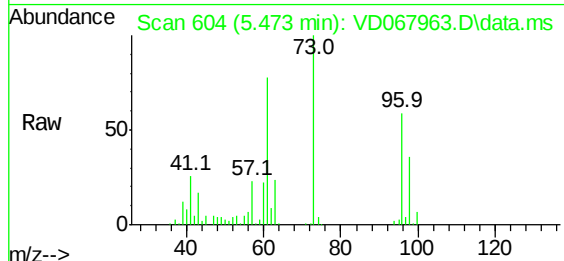
Methyl tert-butyl Ether
 Concen: 19.82 ug/l
 RT: 5.473 min Scan# 604
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 73 Resp: 135387
 Ion Ratio Lower Upper
 73 100
 57 22.7 19.8 29.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

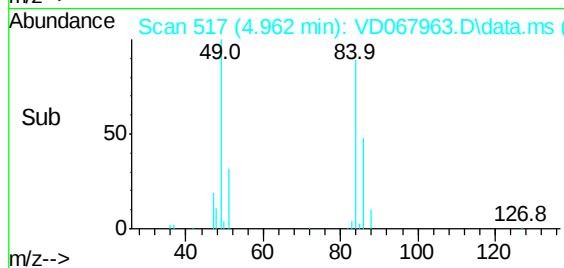
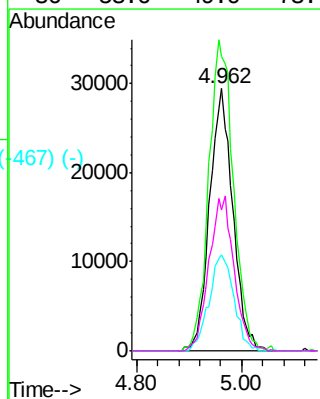
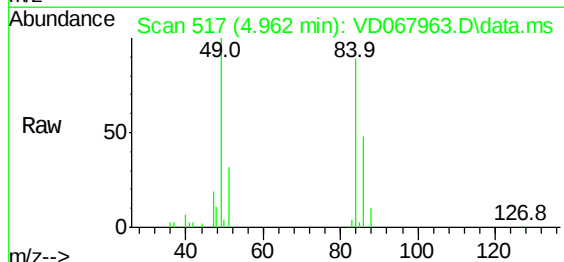
Manual Integrations
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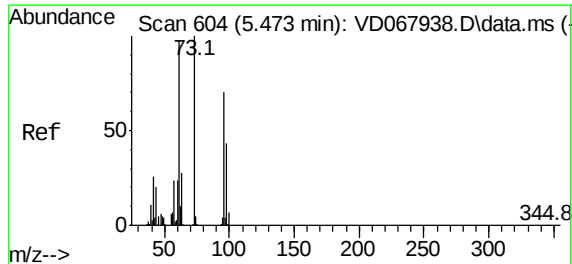
MMDadoda
 12/30/2020 2:02:33 PM



Methylene Chloride
 Concen: 17.49 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.005 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 84 Resp: 89476
 Ion Ratio Lower Upper
 84 100
 49 112.2 98.3 147.5
 51 36.3 30.3 45.5
 86 53.6 49.0 73.4





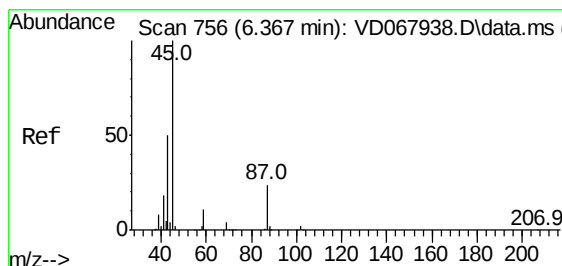
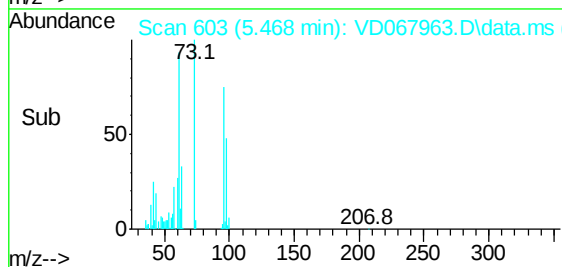
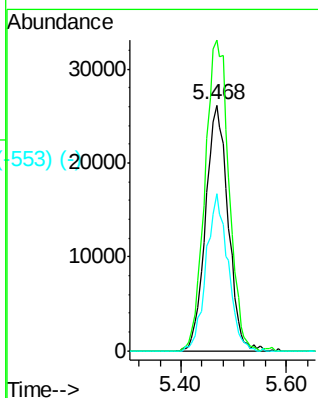
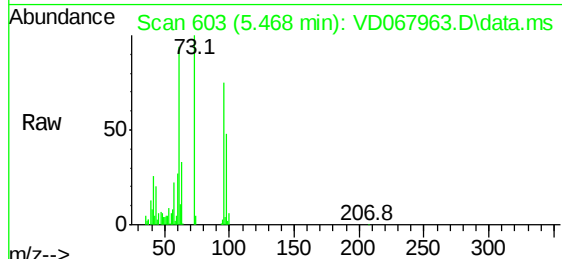
trans-1,2-Dichloroethene
Concen: 19.68 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 96 Resp: 77251
Ion Ratio Lower Upper
96 100
61 126.3 109.9 164.9
98 63.9 49.0 73.4

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

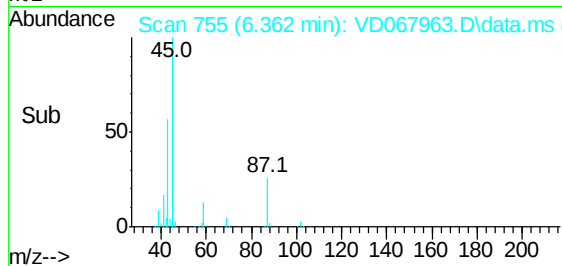
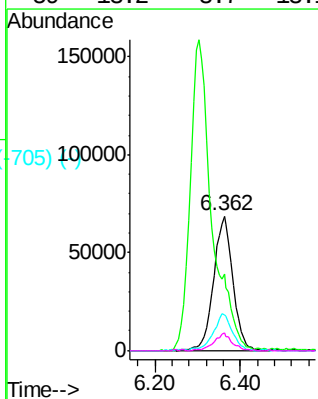
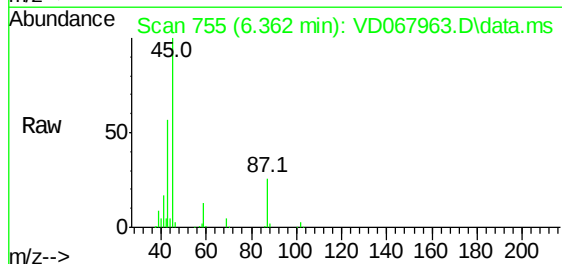
Manual Integrations
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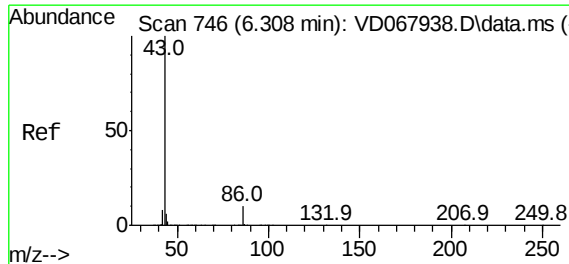
MMDadoda
12/30/2020 2:02:33 PM



Diisopropyl ether
Concen: 18.80 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 45 Resp: 221115
Ion Ratio Lower Upper
45 100
43 55.9 40.2 60.4
87 26.0 19.2 28.8
59 13.2 8.7 13.1#





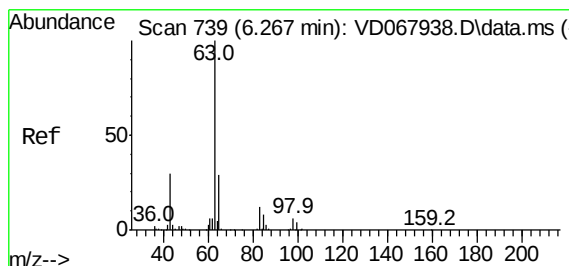
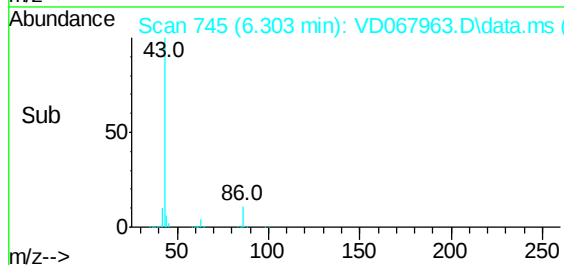
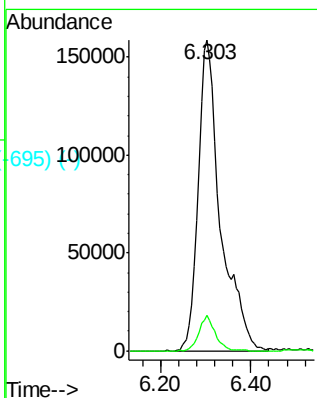
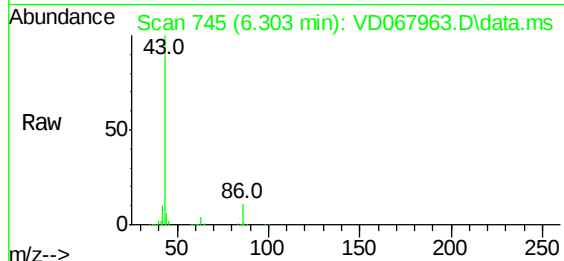
Vinyl Acetate
Concen: 92.56 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 553440
Ion Ratio Lower Upper
43 100
86 11.3 7.9 11.9

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

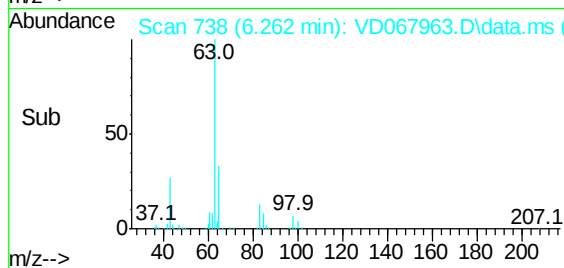
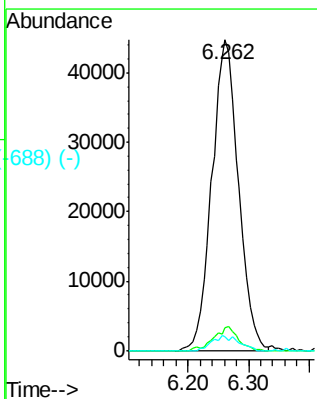
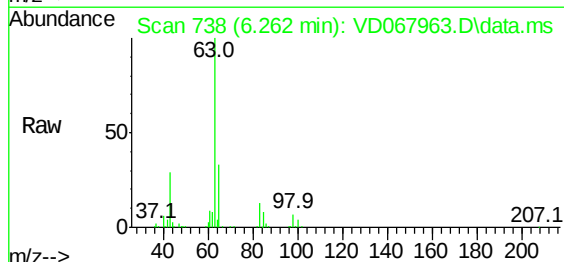
Manual Integrations
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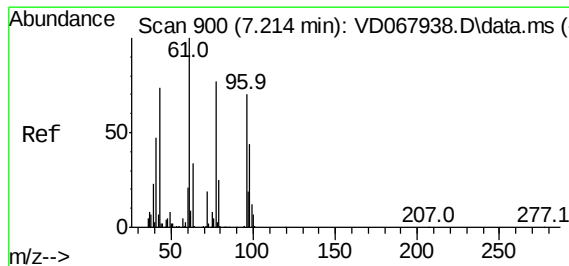
MMDadoda
12/30/2020 2:02:33 PM



1,1-Dichloroethane
Concen: 19.10 ug/l
RT: 6.262 min Scan# 738
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 63 Resp: 135970
Ion Ratio Lower Upper
63 100
98 7.2 2.9 8.6
100 4.3 1.9 5.7





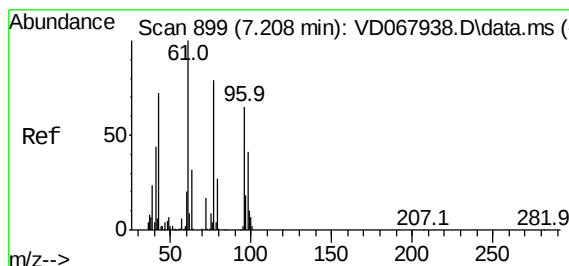
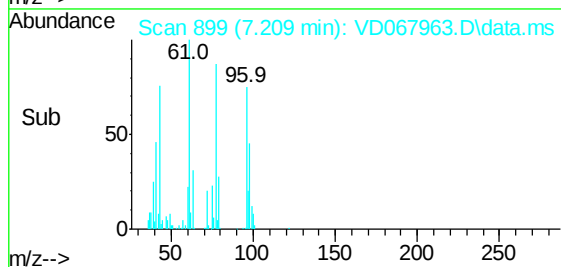
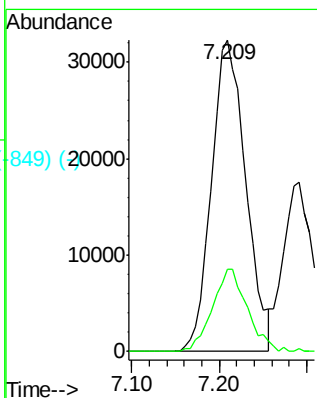
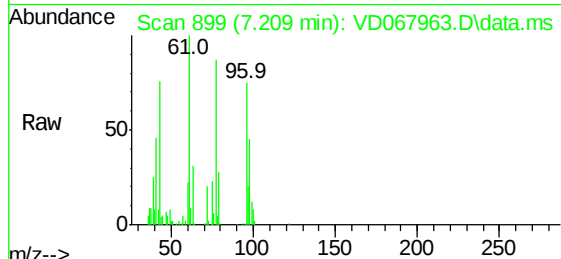
2-Butanone
Concen: 94.40 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 86229
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

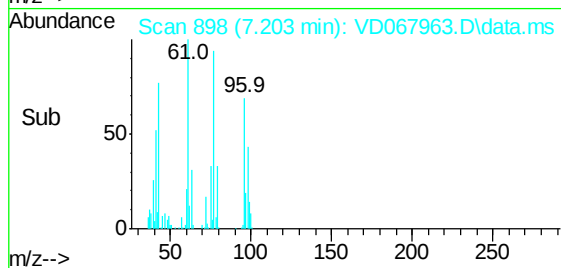
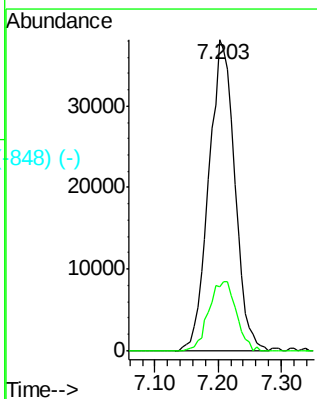
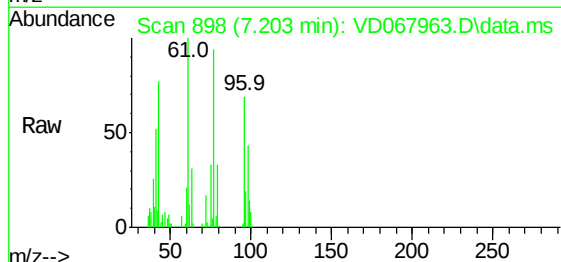
Manual Integrations
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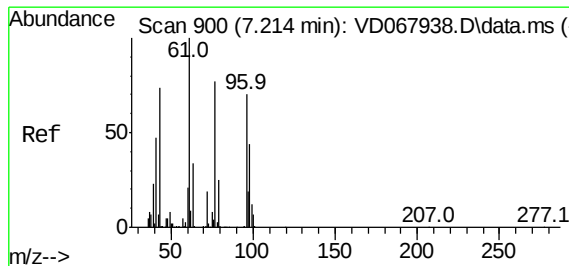
MMDadoda
12/30/2020 2:02:33 PM



2,2-Dichloropropane
Concen: 19.21 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 77 Resp: 107755
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





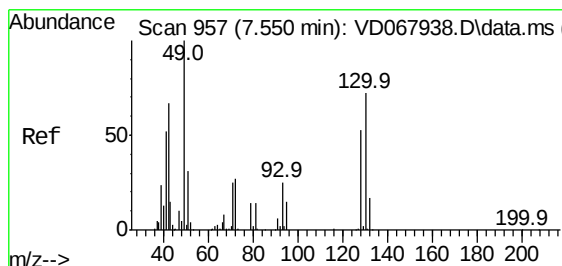
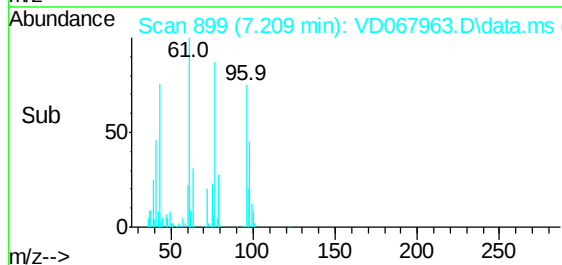
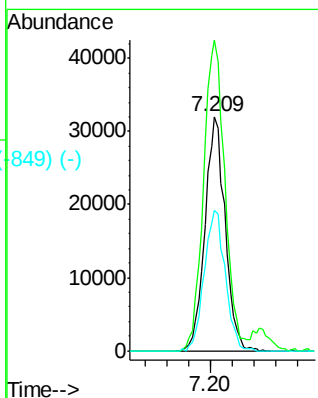
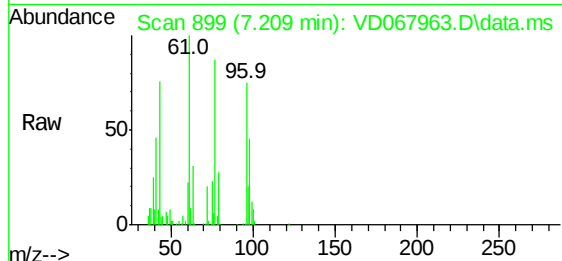
cis-1,2-Dichloroethene
Concen: 19.56 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	96	Resp:	82024
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	295.4
98	62.6	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

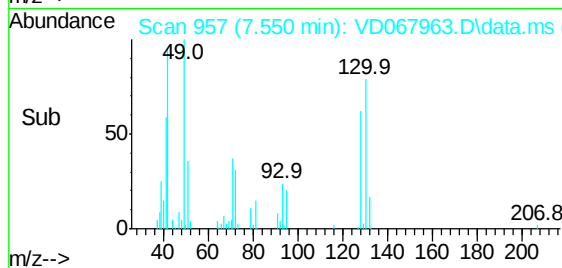
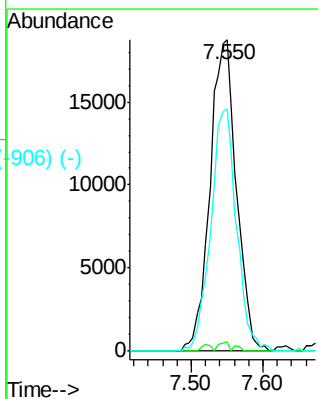
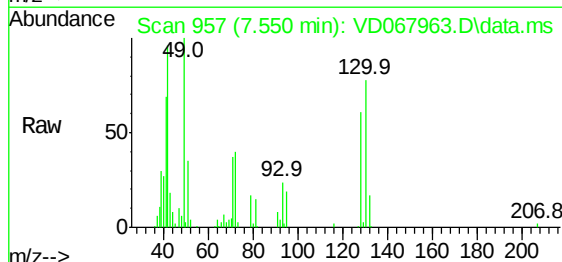
Manual Integrations
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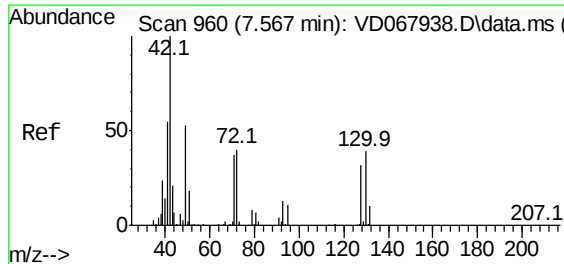
MMDadoda
12/30/2020 2:02:33 PM



Bromochloromethane
Concen: 17.83 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	49	Resp:	47874
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.4
130	75.8	54.8	82.2





Tetrahydrofuran
Concen: 97.02 ug/l
RT: 7.562 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

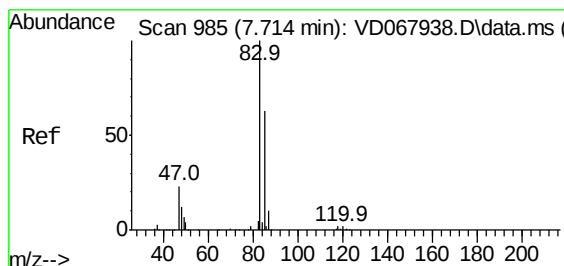
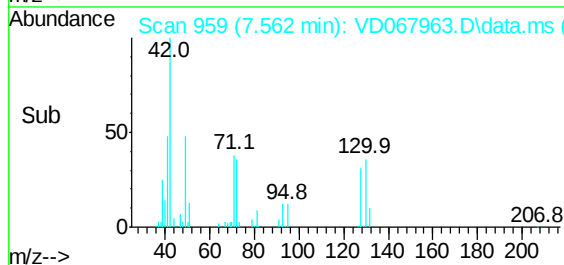
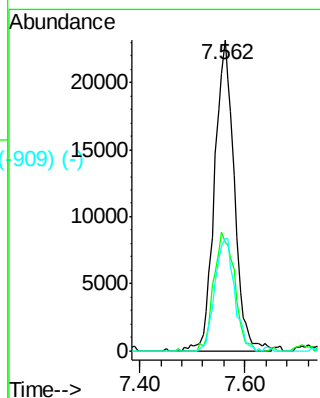
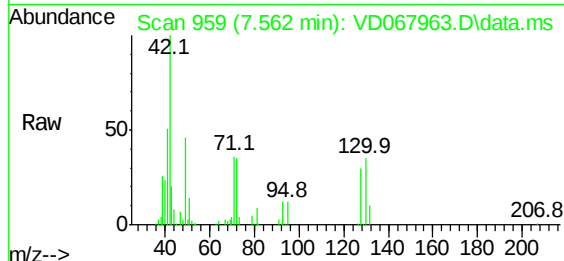
Tgt Ion: 42 Resp: 59951

Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.9	49.3
71	36.4	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Manual Integrations
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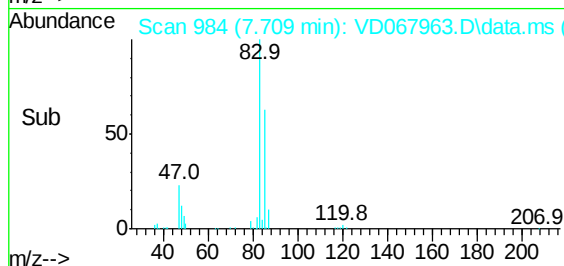
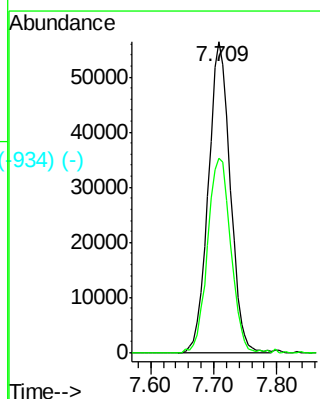
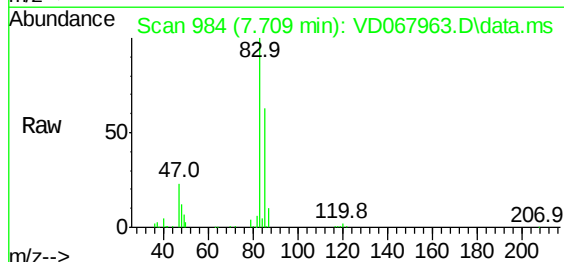
MMDadoda
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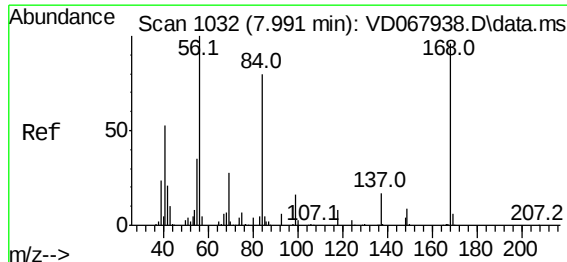


Chloroform
Concen: 19.28 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 83 Resp: 134452

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.5	75.7





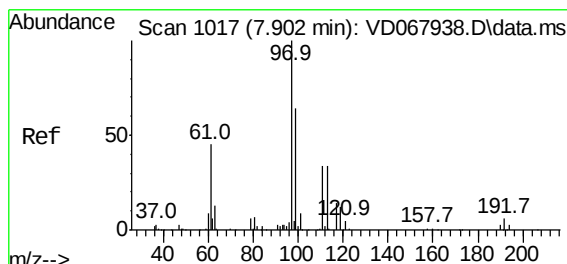
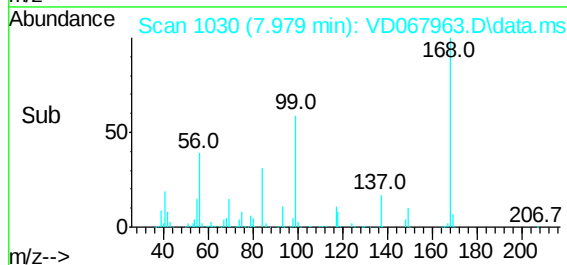
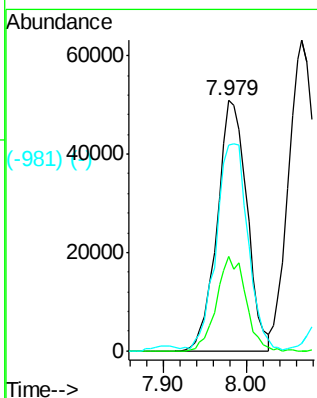
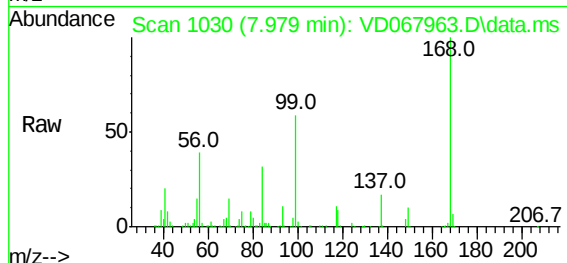
(-81) (-)
Cyclohexane
Concen: 19.02 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 56 Resp: 126149
Ion Ratio Lower Upper
56 100
69 38.0 22.7 34.1#
84 81.0 64.2 96.4

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

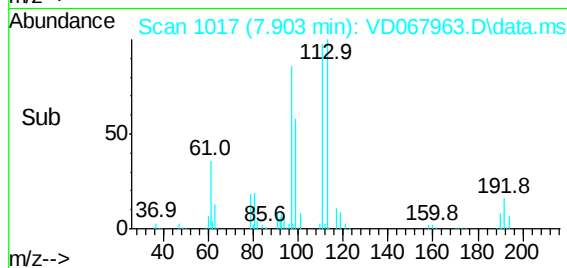
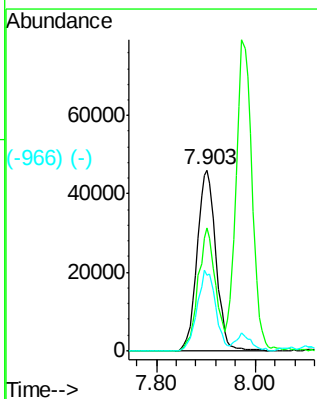
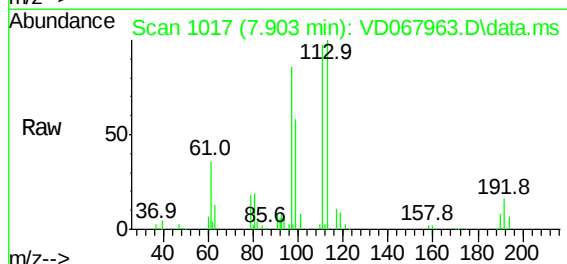
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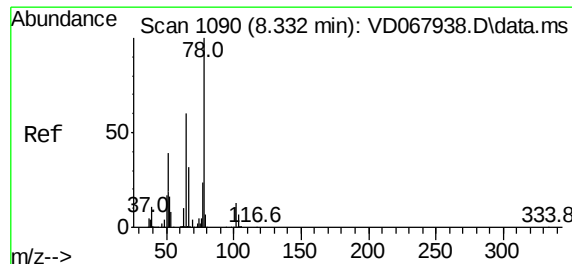
MMDadoda
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(-86) (-)
1,1,1-Trichloroethane
Concen: 20.10 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 97 Resp: 120081
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.6
61 44.0 35.8 53.8





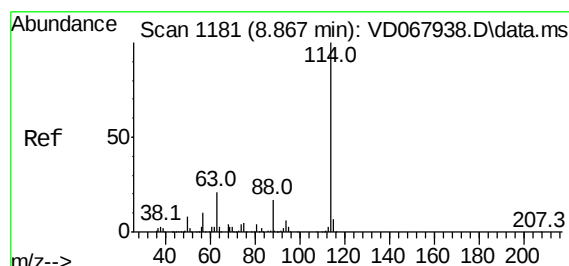
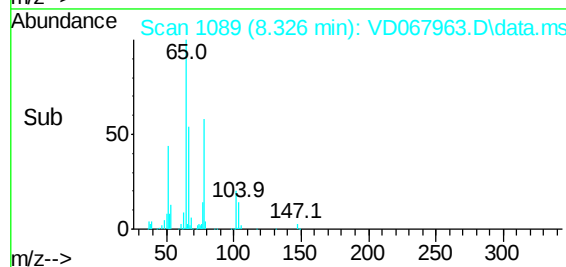
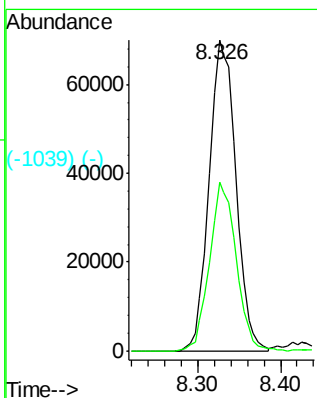
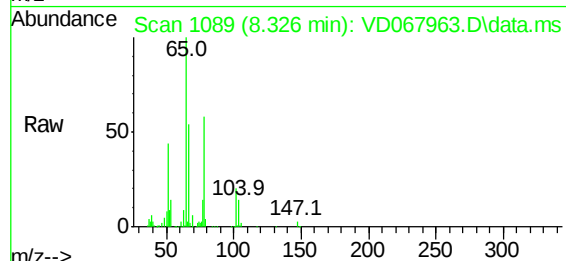
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 48.25 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 65 Resp: 156532
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

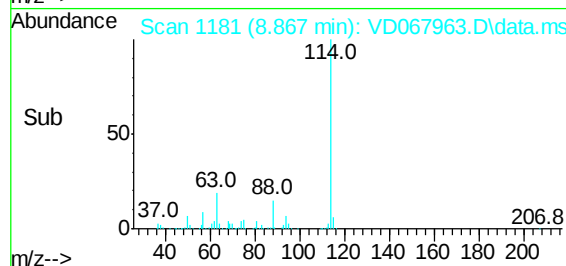
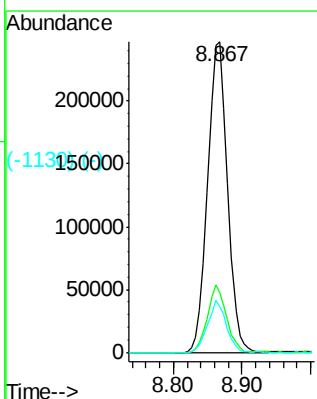
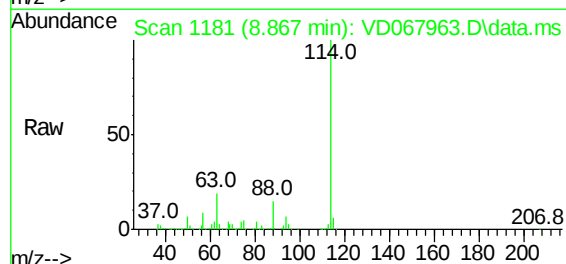
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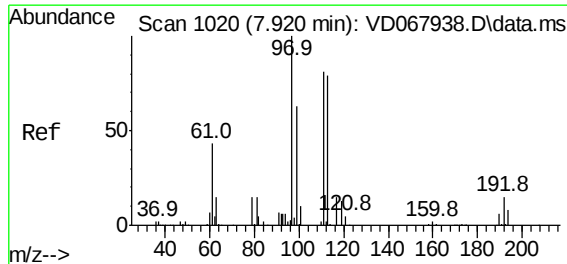
MMDadoda
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(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:114 Resp: 496400
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 14.7 0.0 33.2





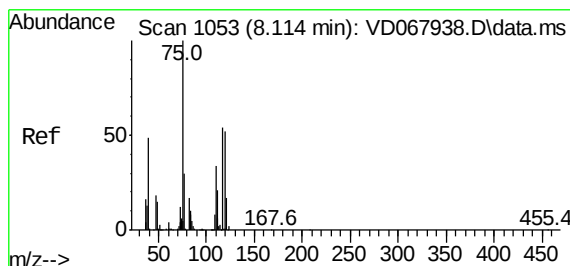
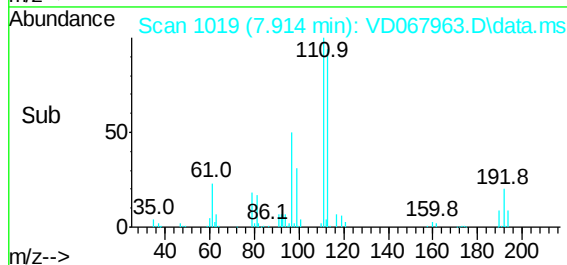
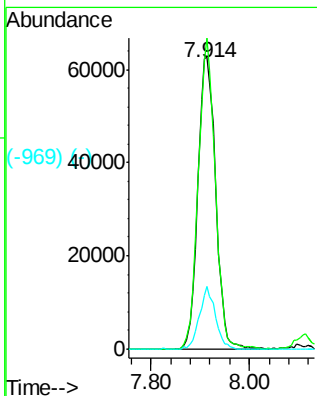
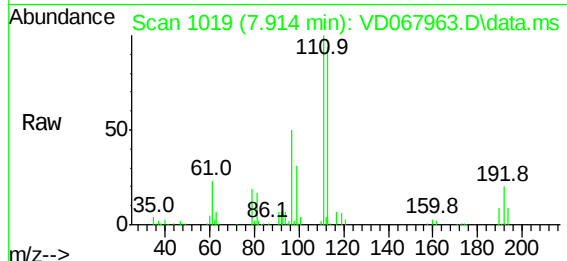
(-969) (-)
 Dibromofluoromethane
 Concen: 50.06 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 113 Resp: 156564
 Ion Ratio Lower Upper
 113 100
 111 101.6 79.3 118.9
 192 18.8 14.5 21.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

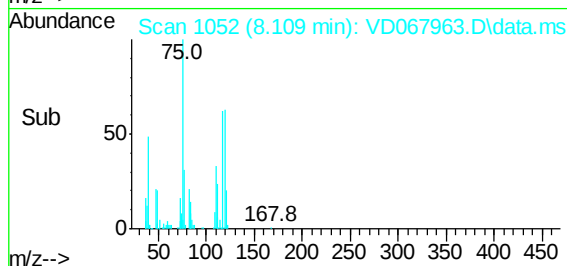
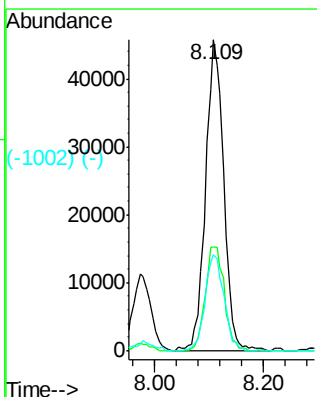
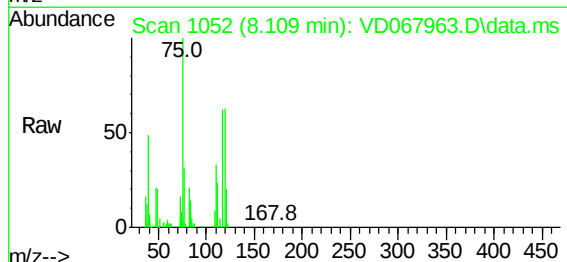
Manual Integrations
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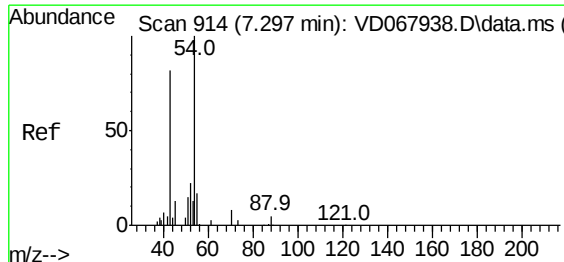
MMDadoda
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(-1060) (-)
 1,1-Dichloropropene
 Concen: 19.99 ug/l
 RT: 8.109 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion: 75 Resp: 105453
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.0 51.0
 77 32.1 24.6 37.0





Ethyl Acetate
Concen: 21.06 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

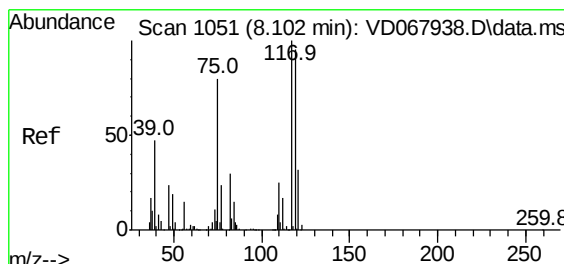
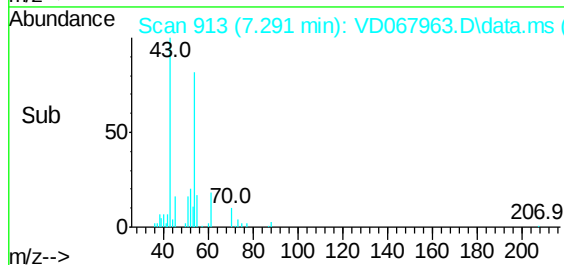
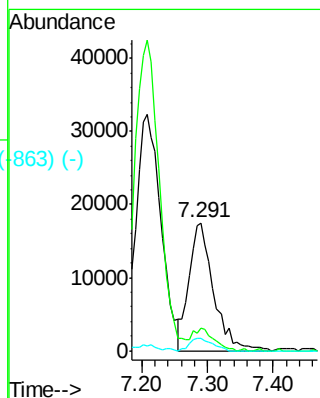
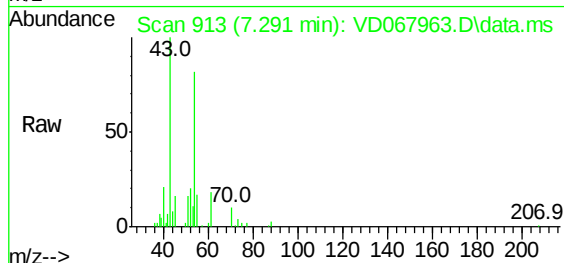
Tgt Ion: 43 Resp: 44956

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.2	15.4#
70	9.0	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Manual Integrations
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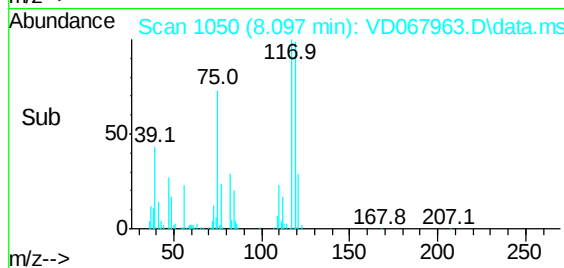
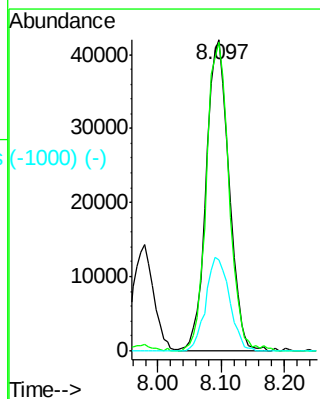
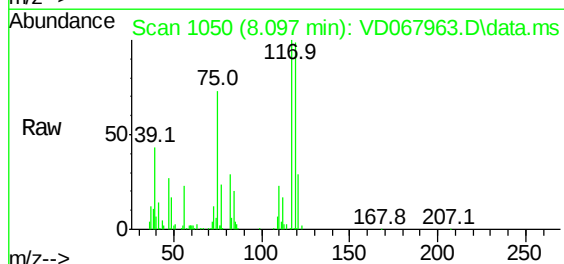
MMDadoda
12/30/2020 2:02:33 PM

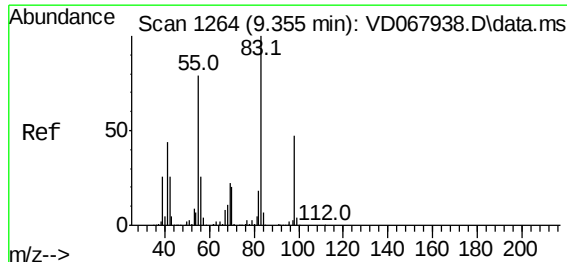


Carbon Tetrachloride
Concen: 20.83 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 117 Resp: 104983

Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.2	114.4
121	29.2	25.9	38.9





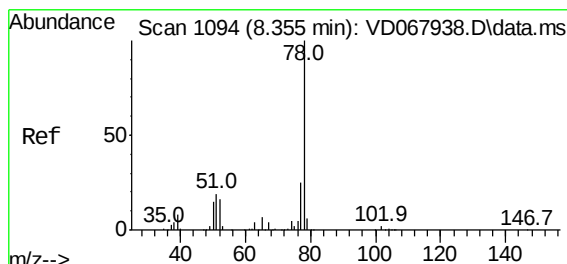
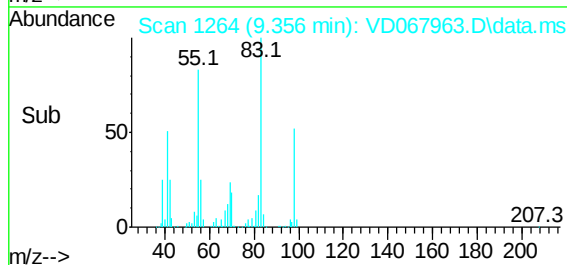
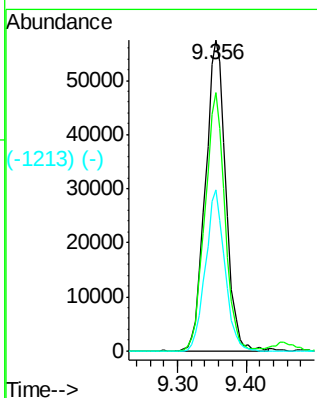
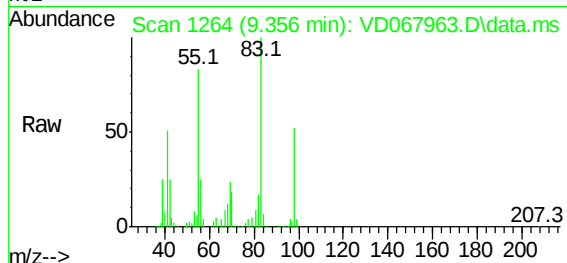
Methylcyclohexane
Concen: 19.70 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Tgt Ion: 83 Resp: 119194
Ion Ratio Lower Upper
83 100
55 83.1 63.5 95.3
98 51.8 37.3 55.9

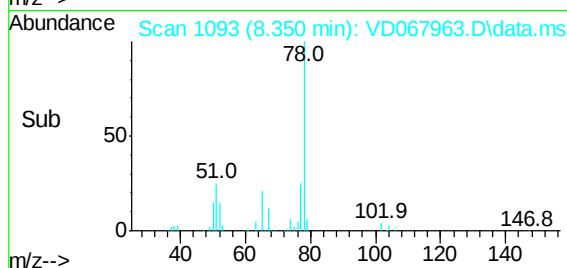
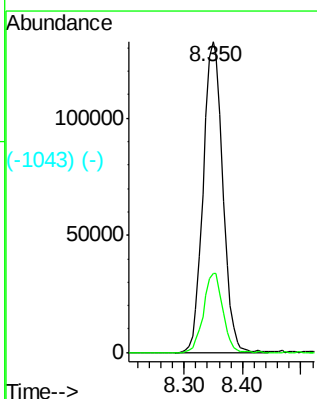
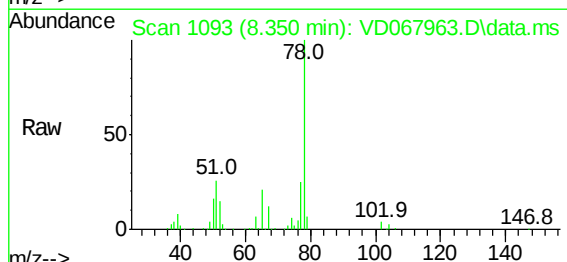
Manual Integrations
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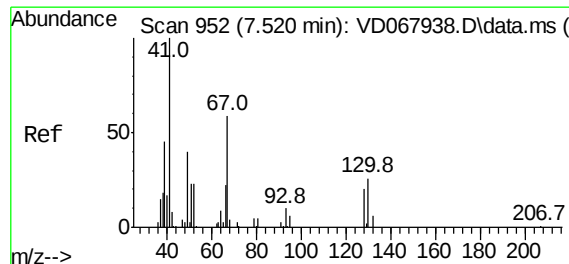
MMDadoda
12/30/2020 2:02:33 PM



Benzene
Concen: 20.03 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 78 Resp: 306557
Ion Ratio Lower Upper
78 100
77 25.3 20.1 30.1





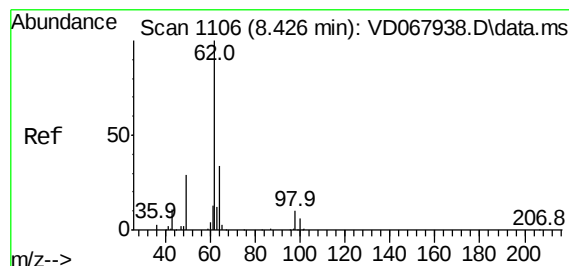
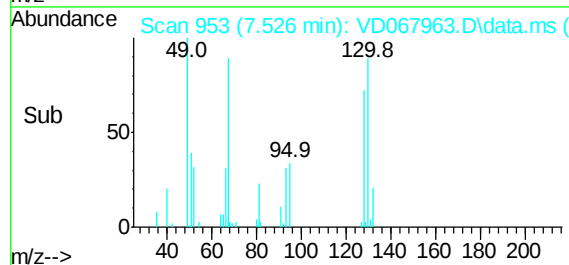
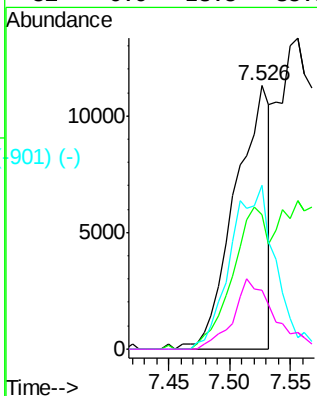
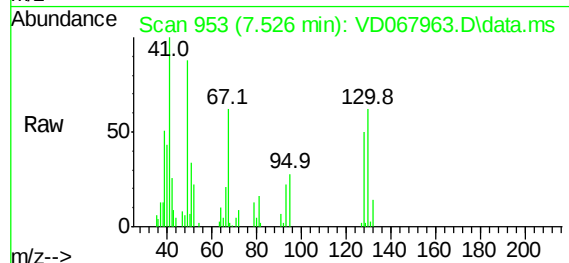
#41 (-)
Methacrylonitrile
Concen: 18.69 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	41	Resp:	22454
Ion	Ratio	Lower	Upper
41	100		
39	71.1	46.2	69.2#
67	0.0	55.1	82.7#
52	0.0	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

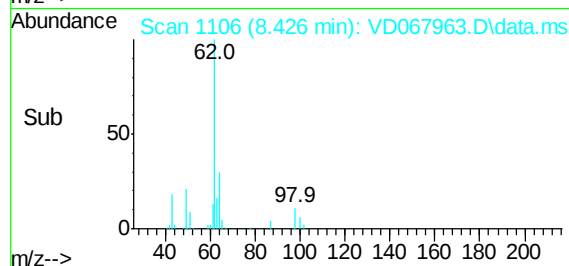
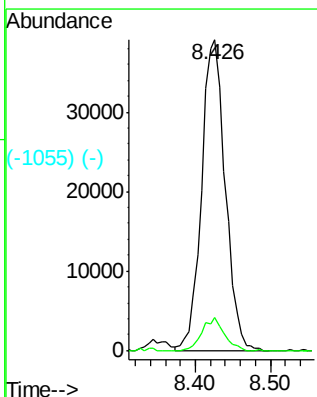
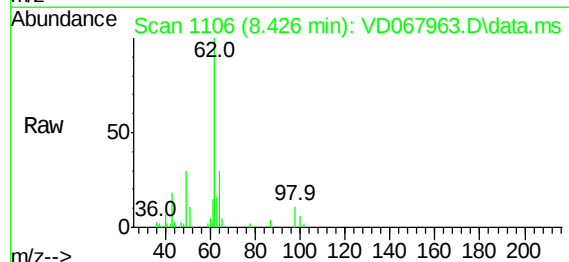
Manual Integrations
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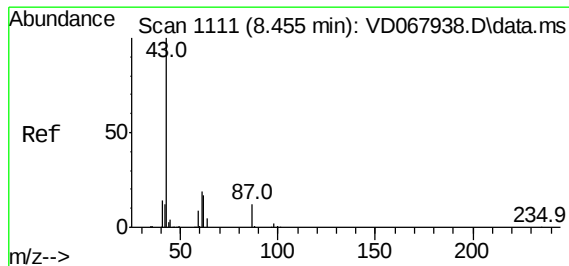
MMDadoda
12/30/2020 2:02:33 PM



#108 (-)
1,2-Dichloroethane
Concen: 20.69 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	62	Resp:	85413
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





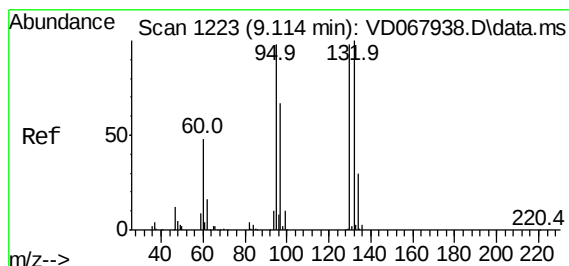
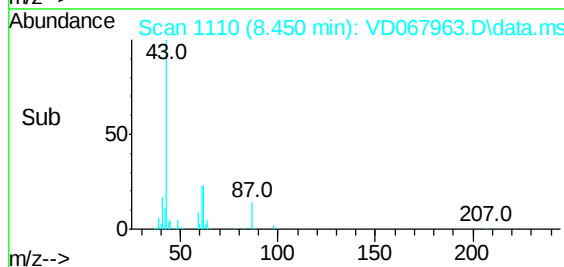
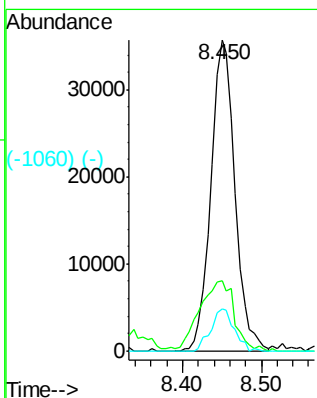
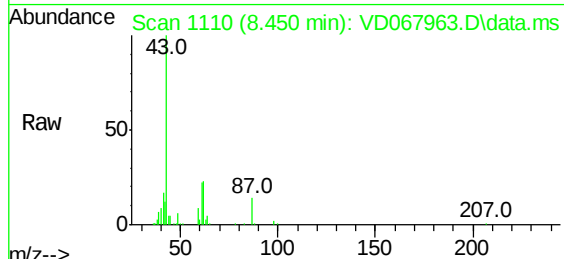
(-1097) (-)
Isopropyl Acetate
Concen: 19.26 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 75483
Ion Ratio Lower Upper
43 100
61 32.8 24.5 36.7
87 13.0 9.8 14.8

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

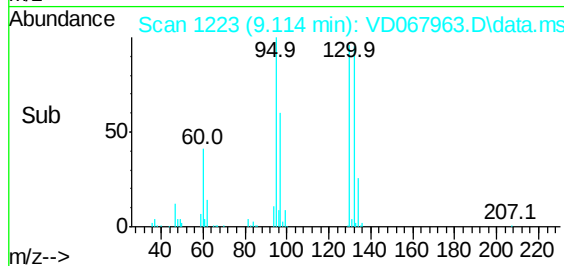
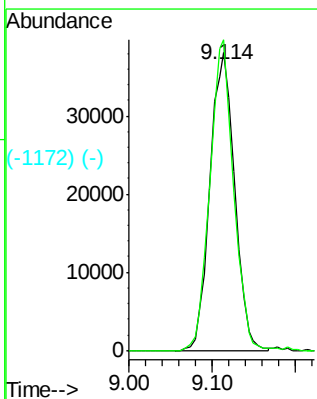
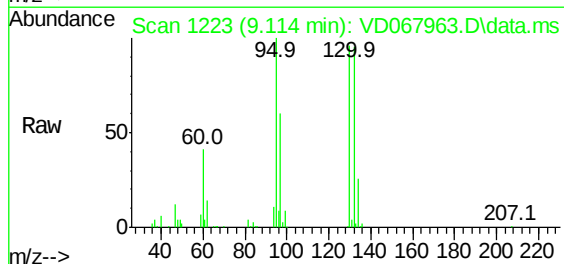
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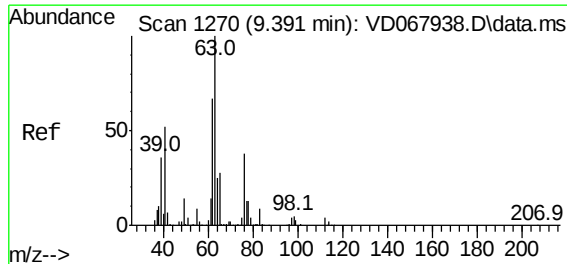
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(-1114) (-)
Trichloroethene
Concen: 20.47 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:130 Resp: 78541
Ion Ratio Lower Upper
130 100
95 104.4 0.0 200.8



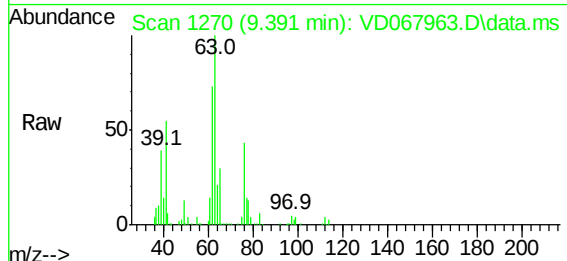


(-1257) (-)
1,2-Dichloropropane
Concen: 20.03 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

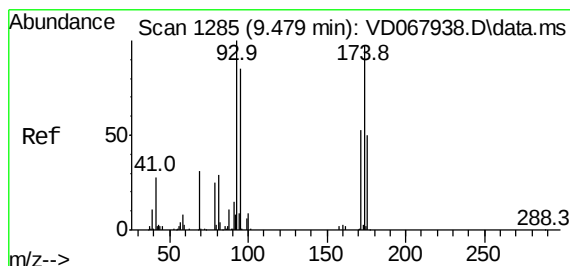
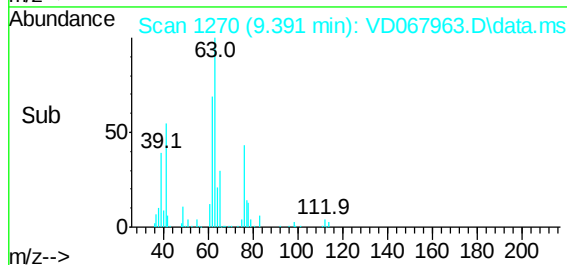
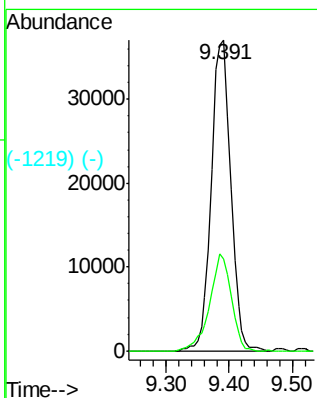
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

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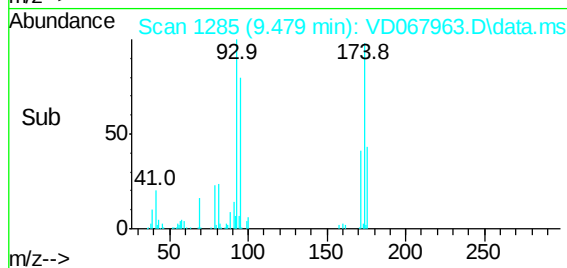
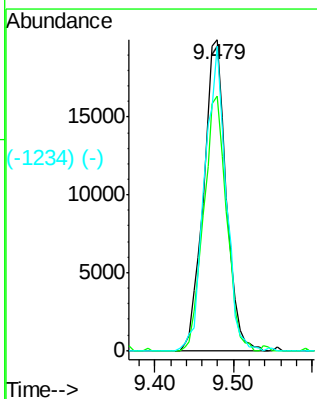
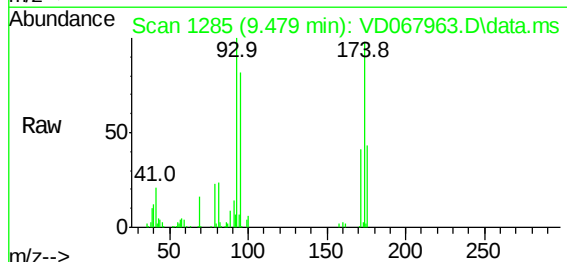


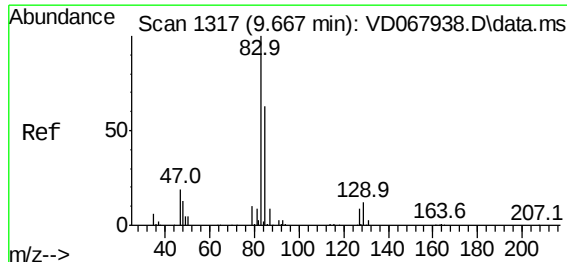
Tgt Ion: 63 Resp: 78046
Ion Ratio Lower Upper
63 100
65 29.6 22.7 34.1



(-1256) (-)
Dibromomethane
Concen: 20.88 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 93 Resp: 39545
Ion Ratio Lower Upper
93 100
95 82.6 68.0 102.0
174 91.9 74.7 112.1





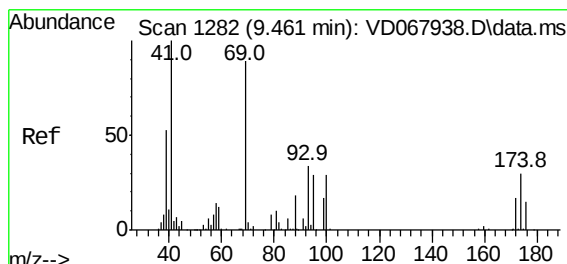
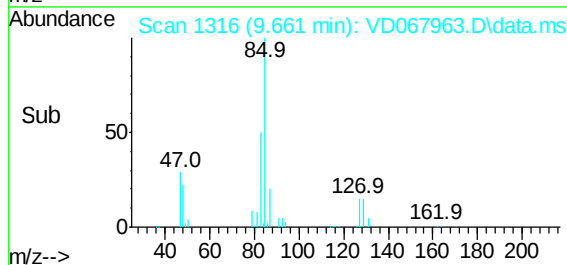
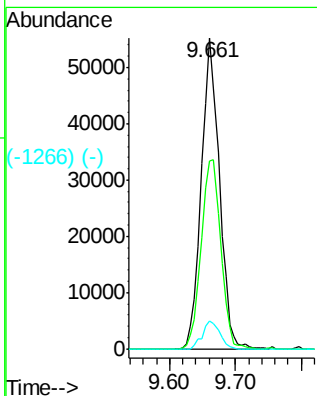
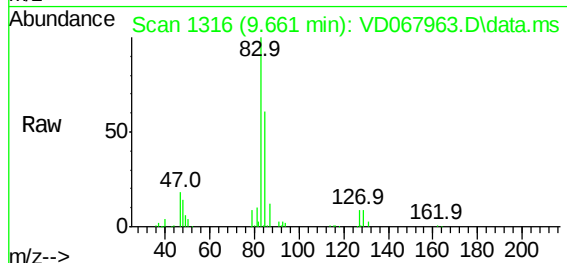
(-1478) (-)
Bromodichloromethane
Concen: 19.87 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 83 Resp: 101552
Ion Ratio Lower Upper
83 100
85 60.6 50.5 75.7
127 8.9 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

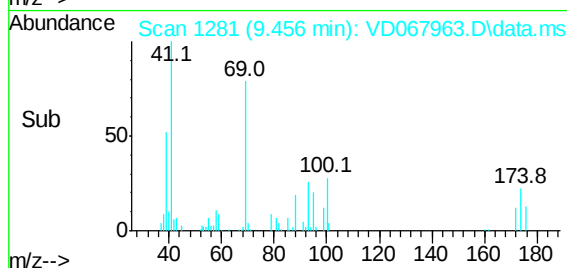
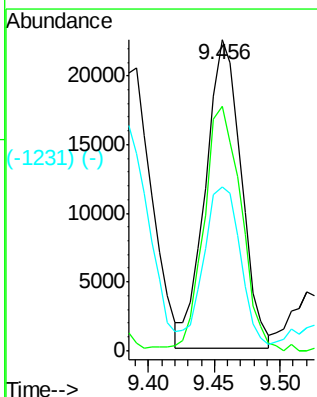
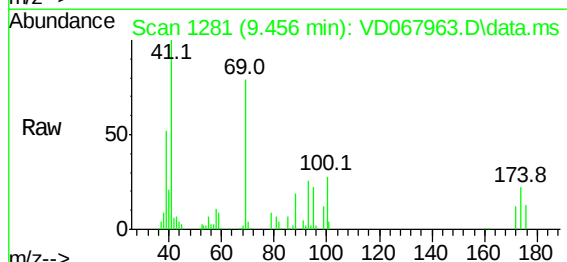
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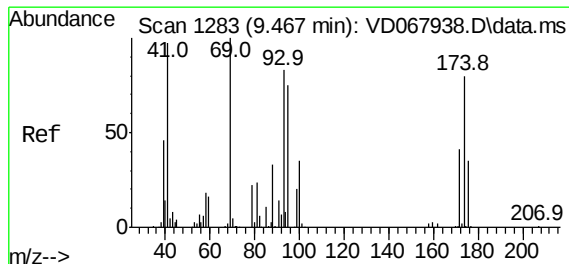
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(-1478) (-)
Methyl methacrylate
Concen: 20.56 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

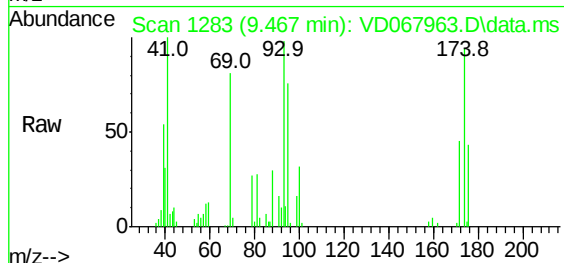
Tgt Ion: 41 Resp: 41635
Ion Ratio Lower Upper
41 100
69 82.1 63.9 95.9
39 51.6 37.4 56.0





#1294 (-)
1,4-Dioxane
Concen: 439.27 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

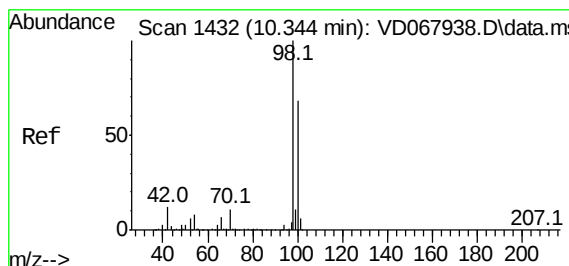
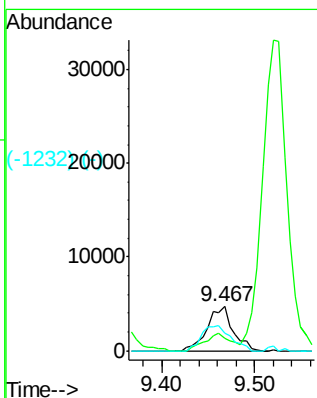
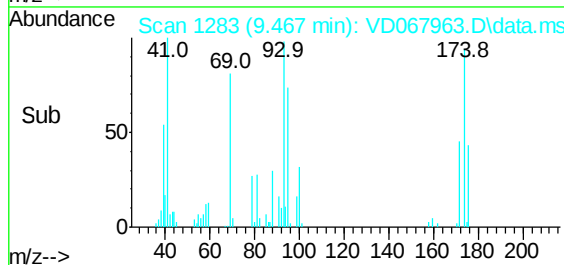
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01



Tgt Ion: 88 Resp: 9084
Ion Ratio Lower Upper
88 100
43 40.8 27.3 40.9
58 64.2 54.8 82.2

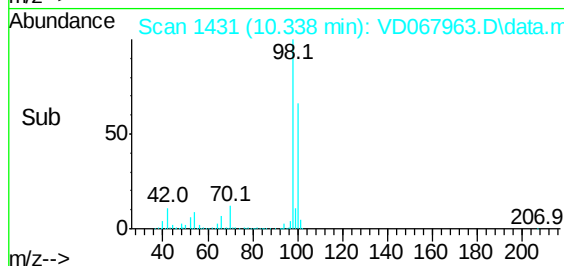
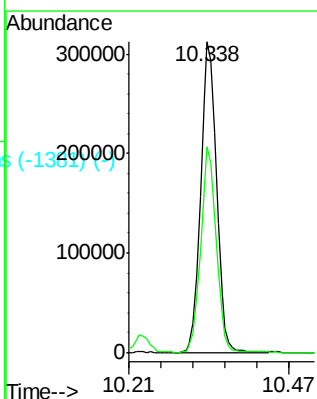
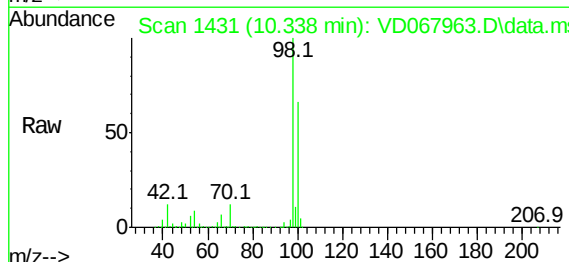
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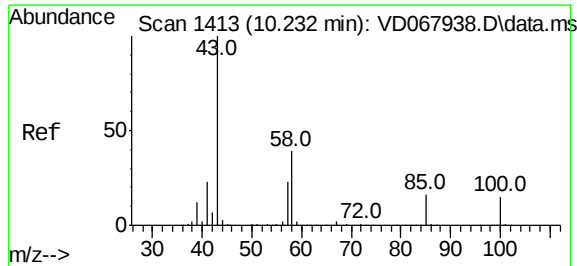
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#5022 (-)
Toluene-d8
Concen: 47.99 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 98 Resp: 564143
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





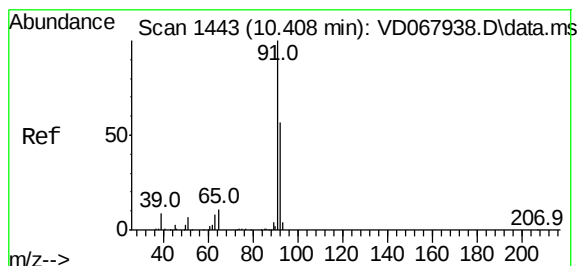
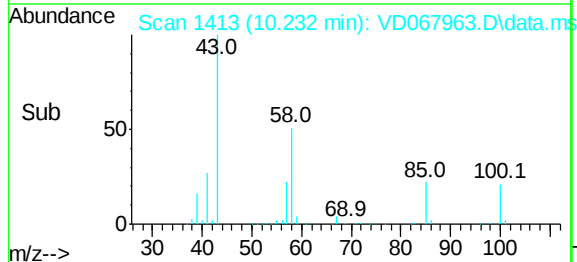
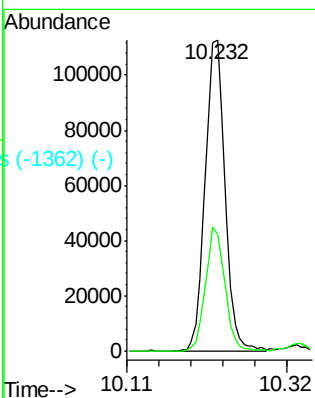
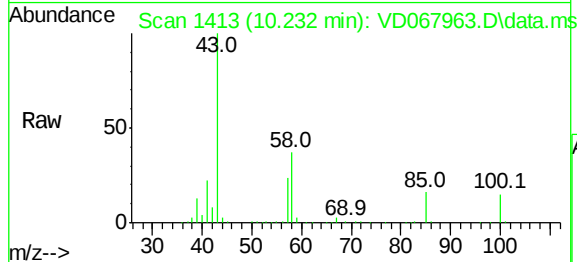
#5102 (-)
4-Methyl-2-Pentanone
Concen: 100.98 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 204895
Ion Ratio Lower Upper
43 100
58 38.9 30.0 45.0

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

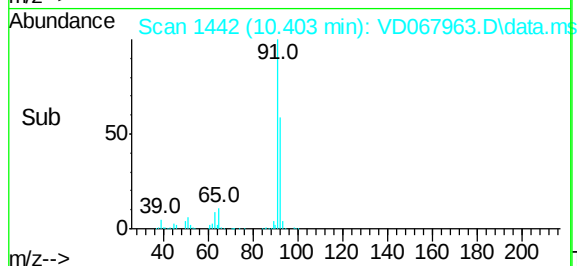
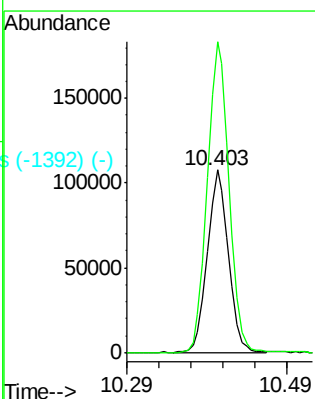
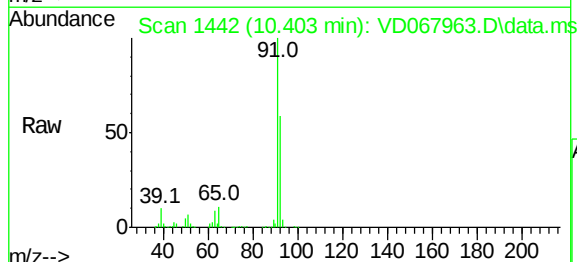
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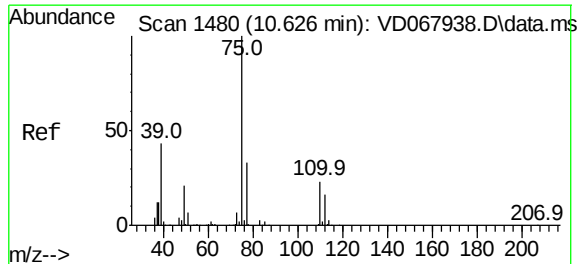
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#5133 (-)
Toluene
Concen: 20.04 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 92 Resp: 189382
Ion Ratio Lower Upper
92 100
91 176.0 138.5 207.7



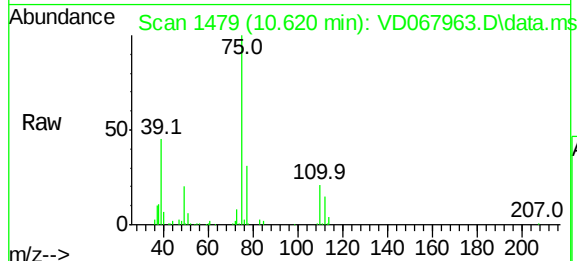


#5470 (-)
t-1,3-Dichloropropene
Concen: 20.30 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

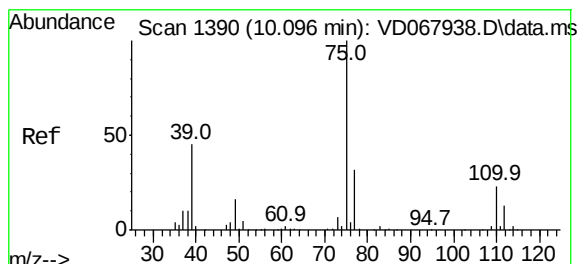
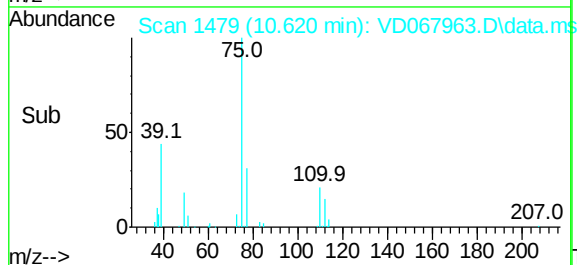
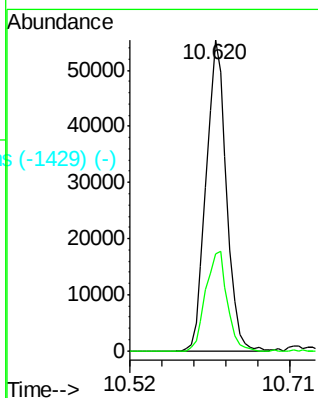
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

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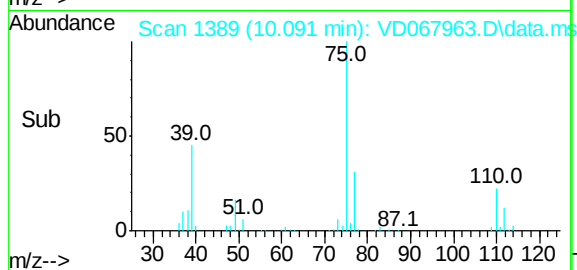
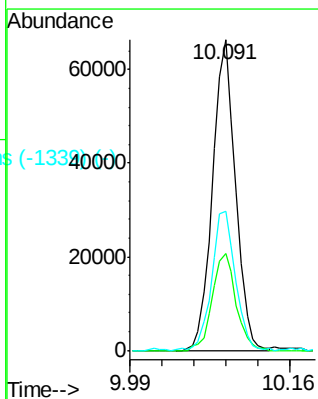
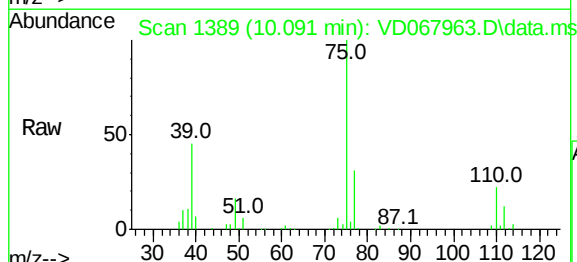


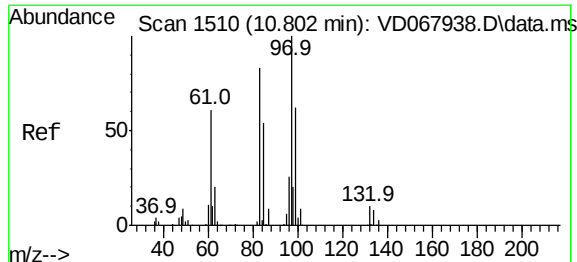
Tgt Ion: 75 Resp: 93803
Ion Ratio Lower Upper
75 100
77 31.1 26.8 40.2



#5479 (-)
cis-1,3-Dichloropropene
Concen: 19.90 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 75 Resp: 113797
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 44.5 35.7 53.5



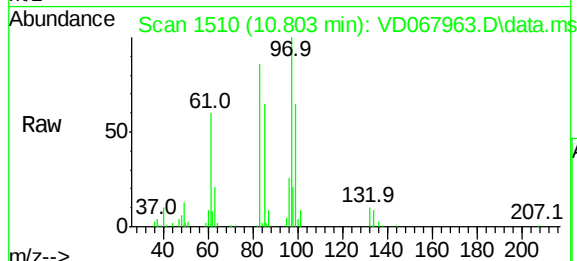


#5503 (-)
1,1,2-Trichloroethane
Concen: 21.06 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

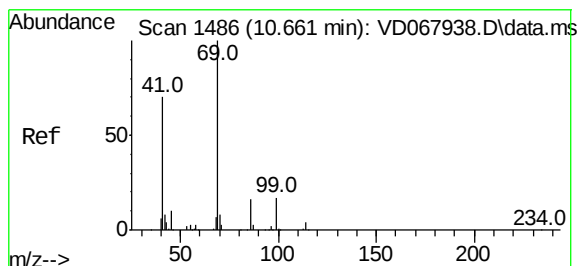
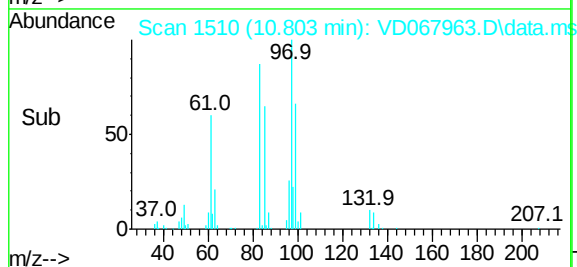
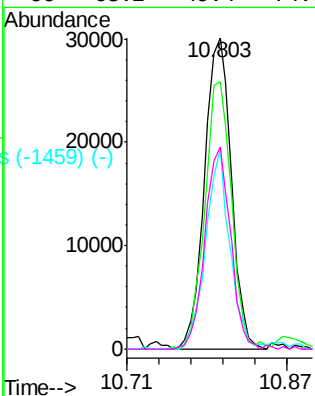
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

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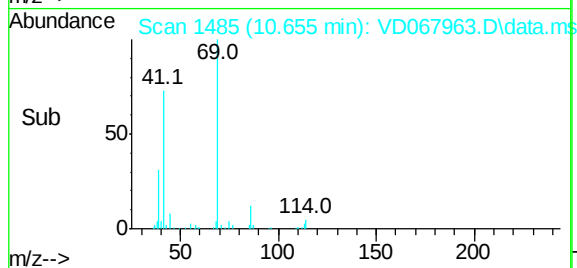
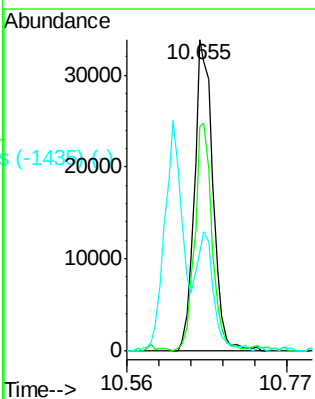
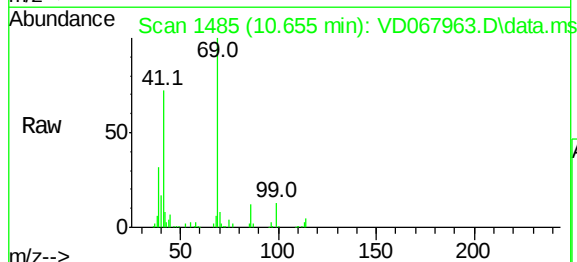


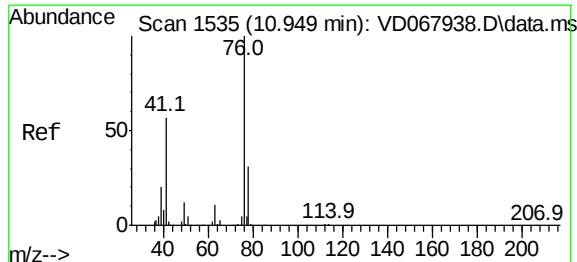
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.4	99.6
85	64.7	43.4	65.0
99	65.2	49.4	74.0



#5578 (-)
Ethyl methacrylate
Concen: 19.55 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.4	84.6
39	35.5	24.6	36.8





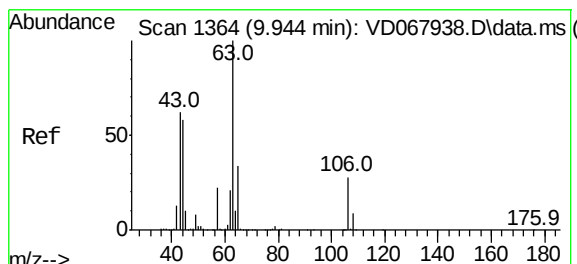
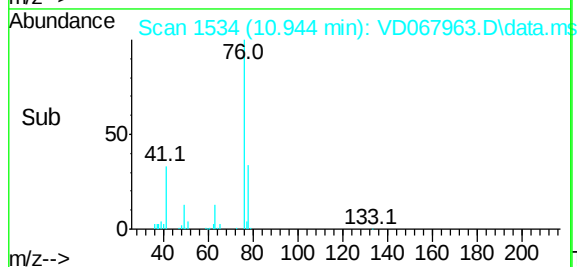
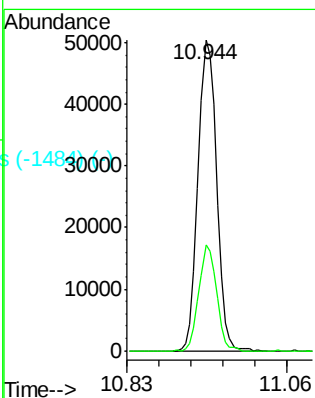
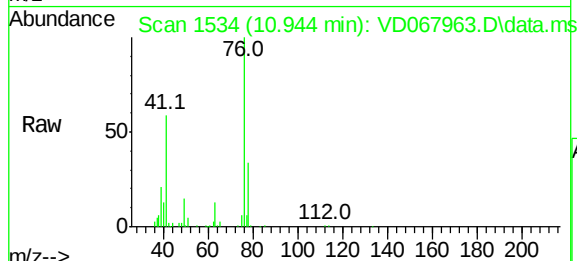
1,3-Dichloropropane
Concen: 20.34 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	76	Resp:	94693
Ion Ratio	Lower	Upper	
76	100		
78	32.4	25.2	37.8

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

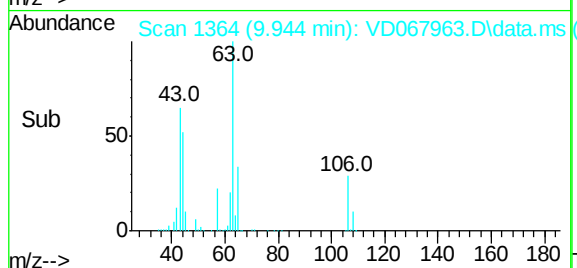
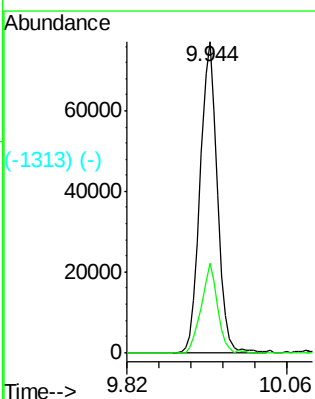
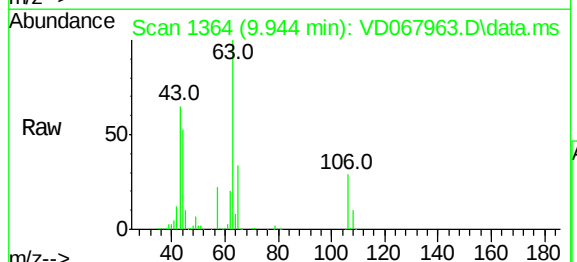
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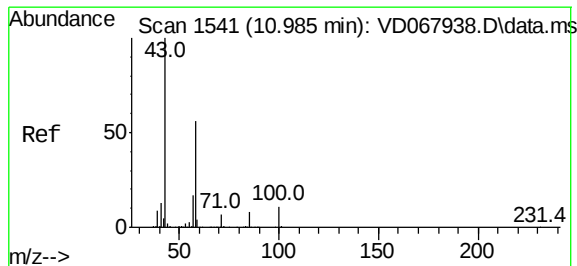
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2-Chloroethyl Vinyl ether
Concen: 88.89 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	63	Resp:	133034
Ion Ratio	Lower	Upper	
63	100		
106	27.2	21.6	32.4



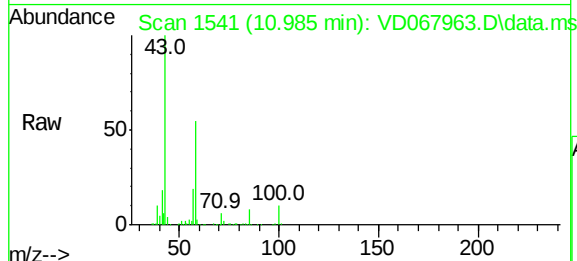


#5931 (-)
2-Hexanone
Concen: 104.74 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

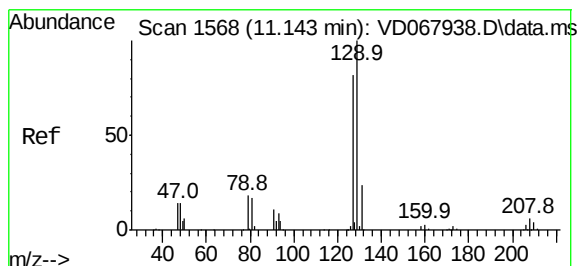
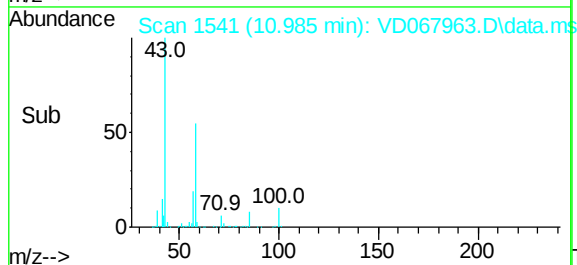
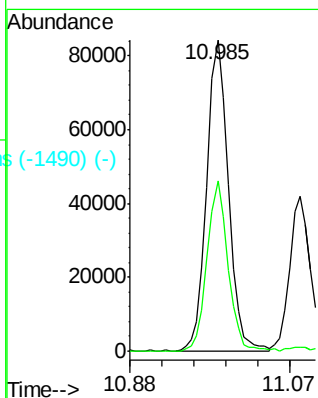
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

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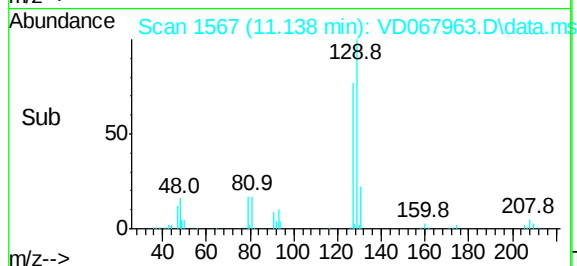
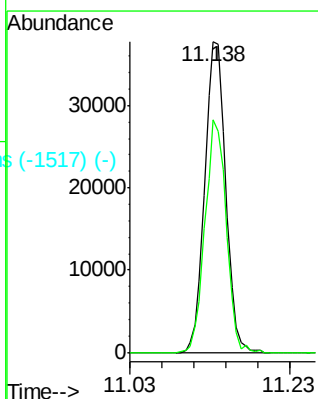
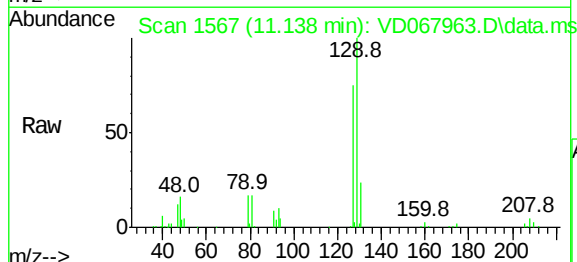


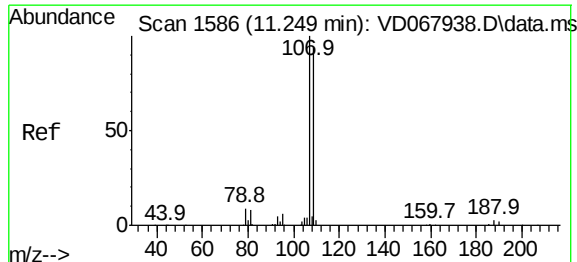
Tgt Ion: 43 Resp: 139673
Ion Ratio Lower Upper
43 100
58 52.6 27.5 82.4



#6059 (-)
Dibromochloromethane
Concen: 21.11 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 129 Resp: 69205
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4



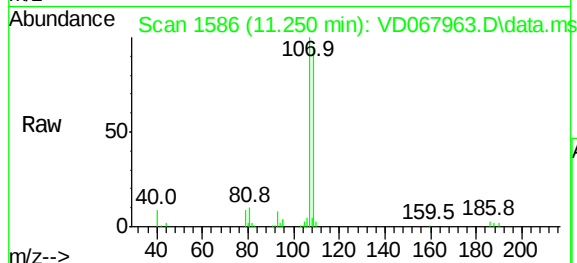


#6178 (-)
1,2-Dibromoethane
Concen: 20.13 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

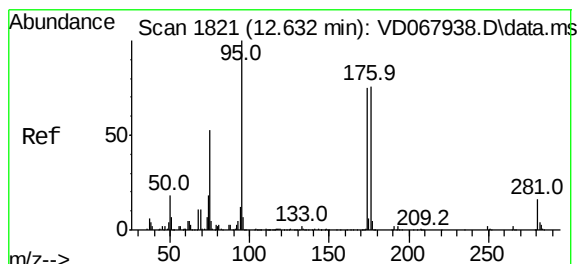
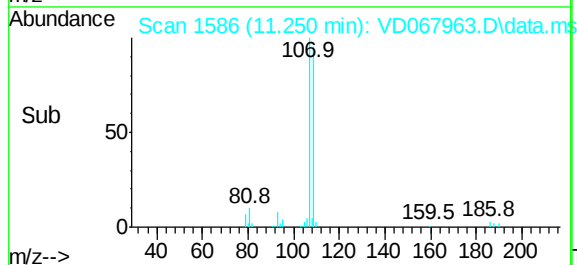
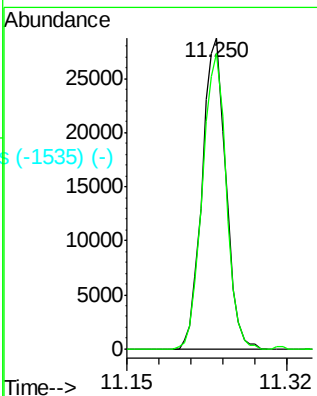
Instrument :
MSVOA_D
ClientSampleId :
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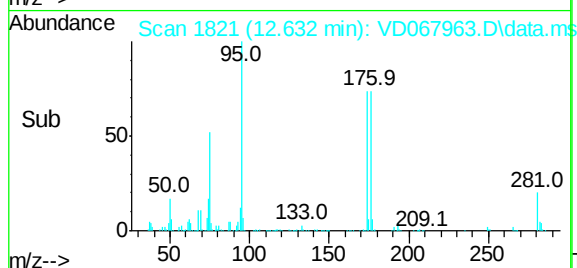
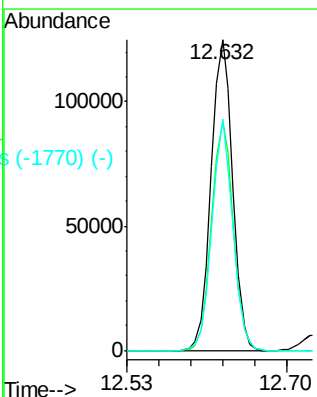
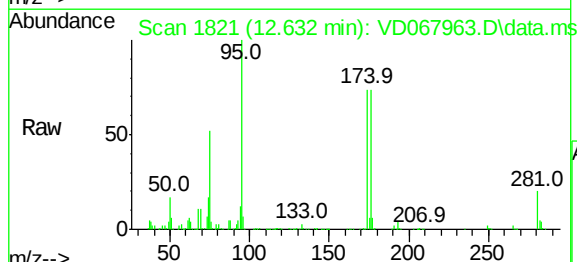


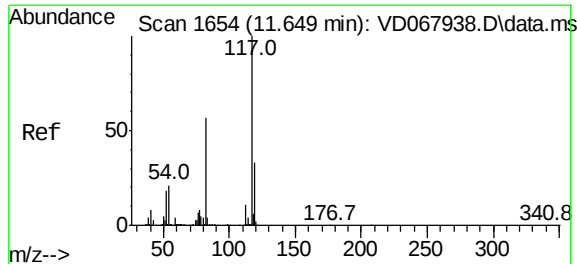
Tgt Ion:107 Resp: 51131
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 49.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 95 Resp: 201040
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 71.6 0.0 151.2





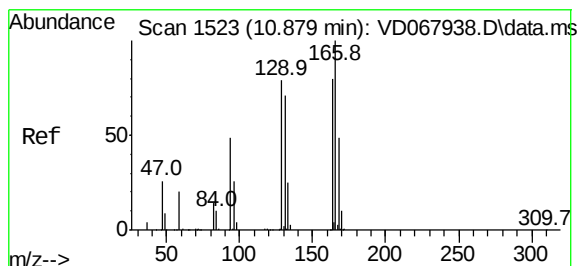
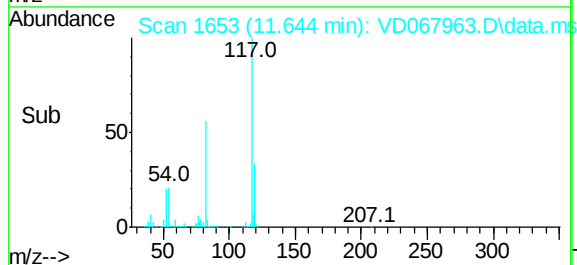
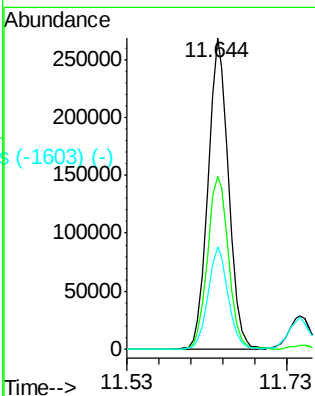
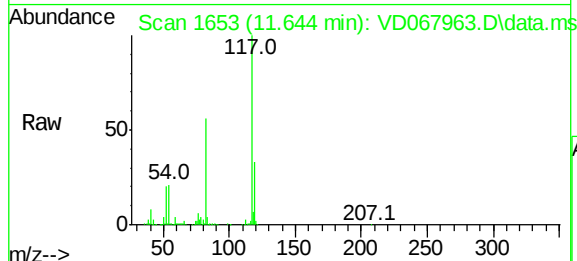
#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:117 Resp: 459708
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.8 26.7 40.1

Instrument :
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ClientSampleId :
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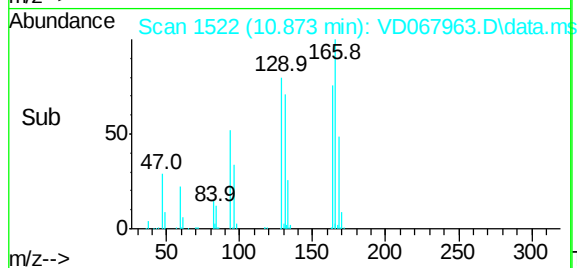
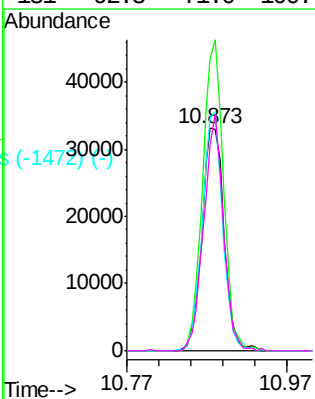
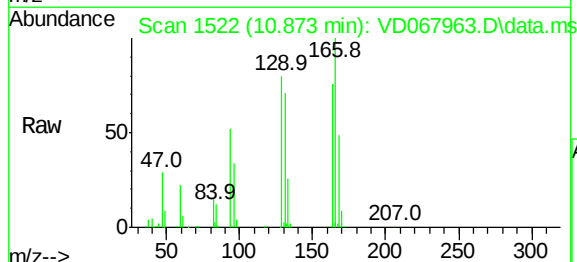
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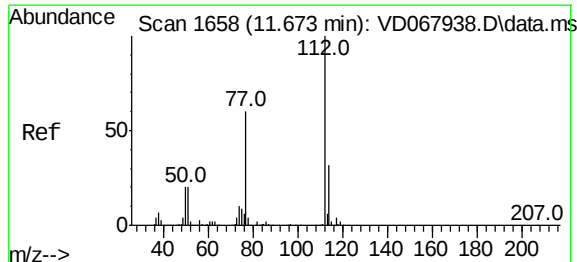
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#6344 (-)
Tetrachloroethene
Concen: 19.80 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:164 Resp: 63869
Ion Ratio Lower Upper
164 100
166 131.4 99.4 149.2
129 105.1 79.0 118.4
131 92.8 71.0 106.4



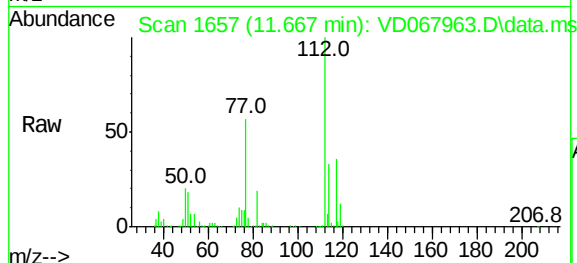


#6549 (-)
Chlorobenzene
Concen: 20.06 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

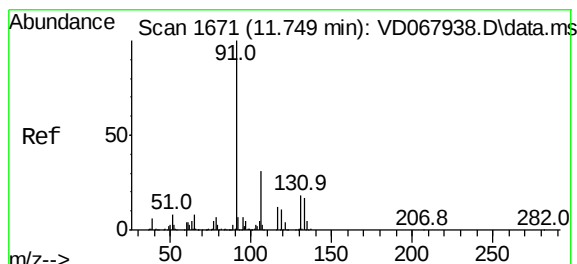
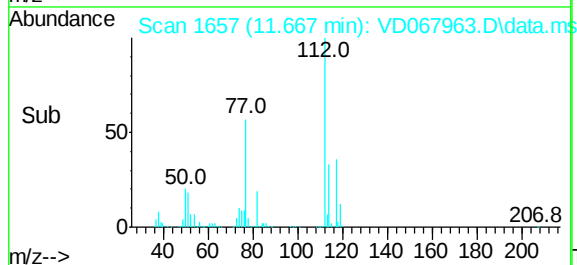
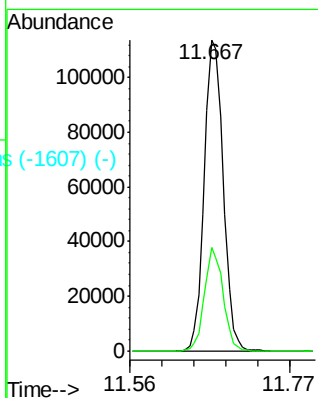
Instrument :
MSVOA_D
ClientSampleId :
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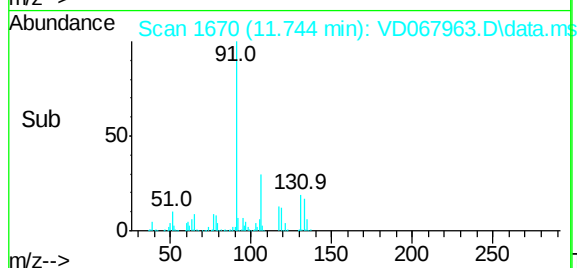
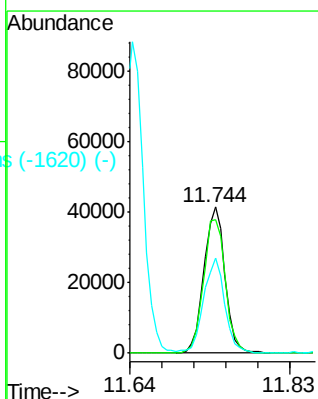
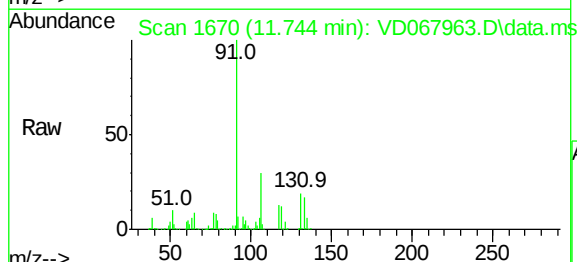


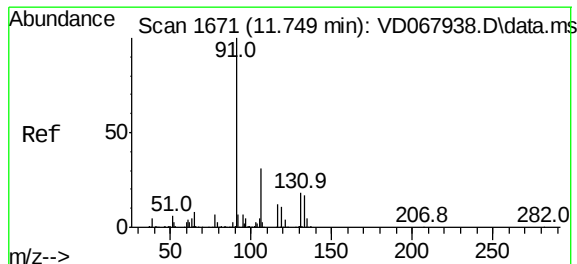
Tgt Ion:112 Resp: 198923
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#662 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.28 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:131 Resp: 71795
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 65.4 33.4 100.2





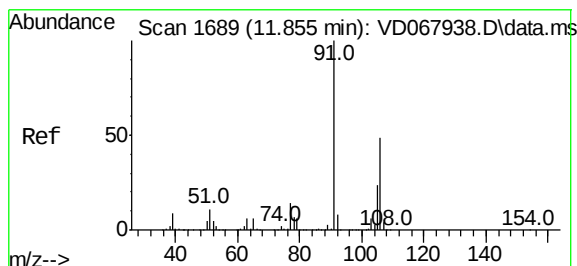
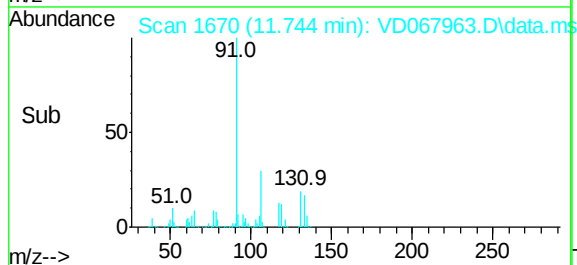
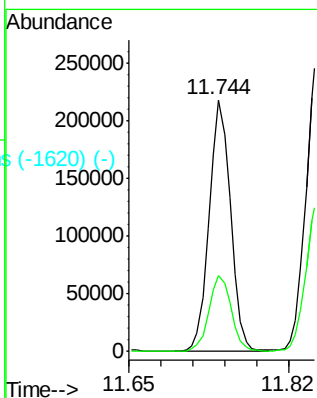
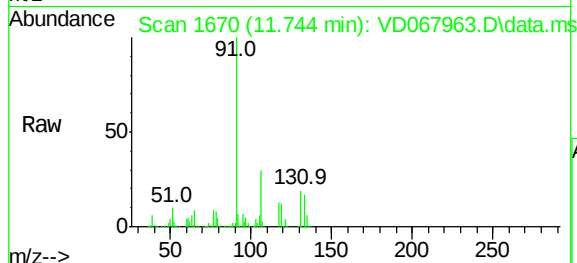
#661 (-)
Ethyl Benzene
Concen: 19.70 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 91 Resp: 348436
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
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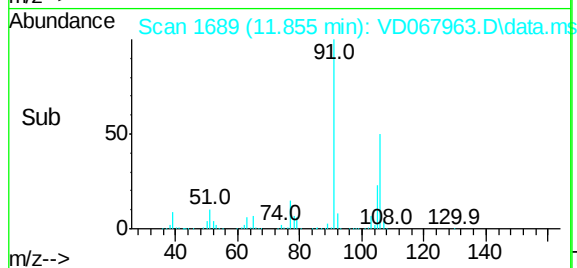
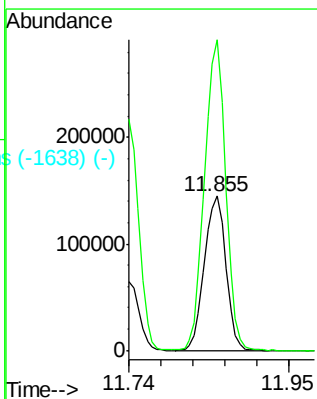
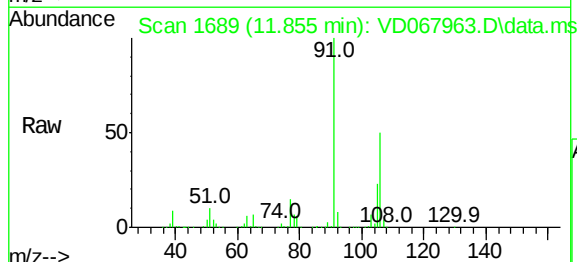
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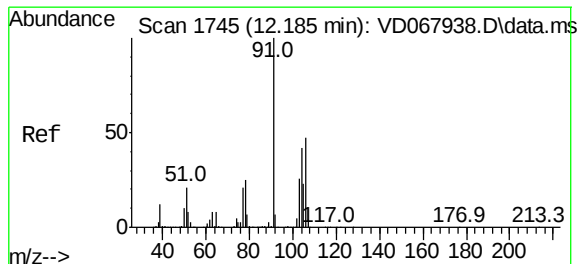
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#660 (-)
m/p-Xylenes
Concen: 40.61 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

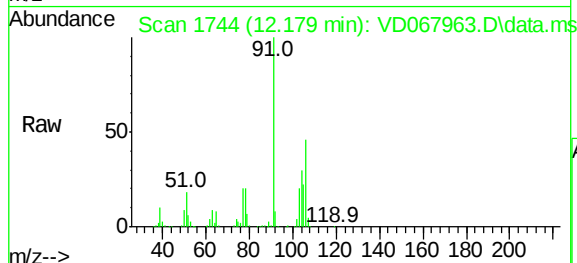
Tgt Ion:106 Resp: 273743
Ion Ratio Lower Upper
106 100
91 198.0 159.9 239.9





#6937 (-)
o-Xylene
Concen: 19.25 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

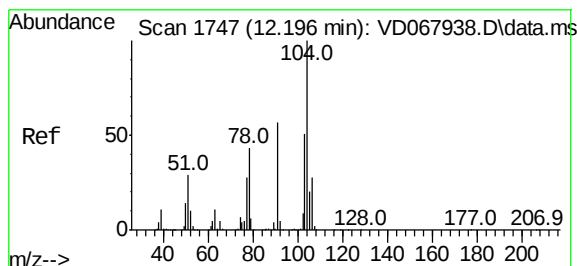
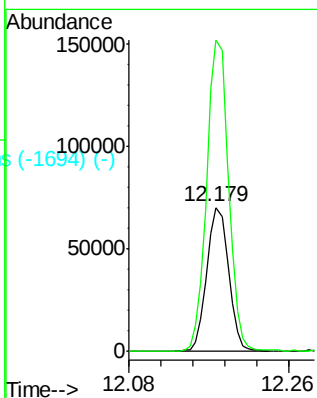
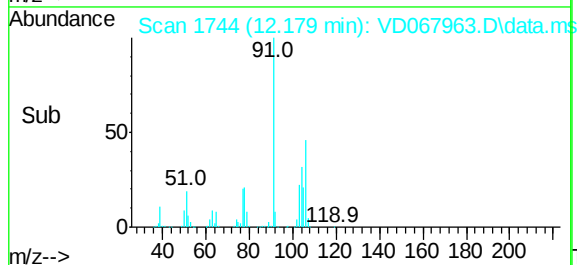
Instrument :
MSVOA_D
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Tgt Ion:106 Resp: 116080
Ion Ratio Lower Upper
106 100
91 217.5 106.0 317.9

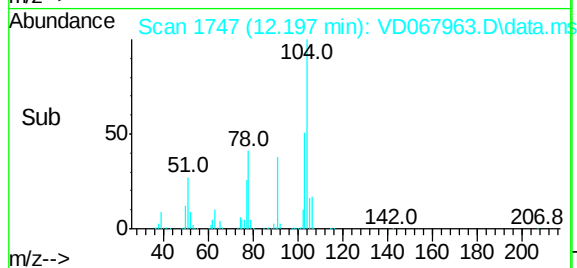
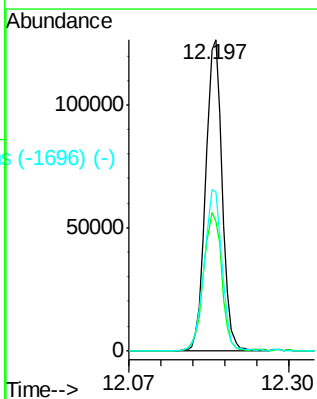
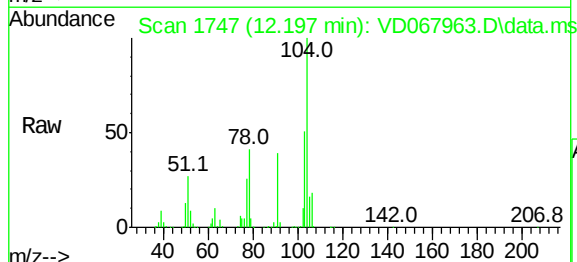
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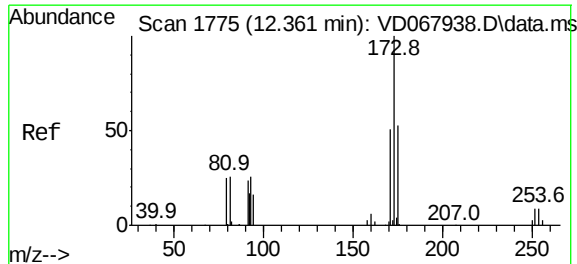
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#1736 (-)
Styrene
Concen: 20.00 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

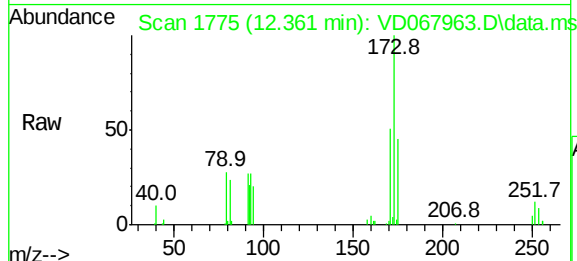
Tgt Ion:104 Resp: 208467
Ion Ratio Lower Upper
104 100
78 48.5 38.6 58.0
103 55.7 44.2 66.4





#1767 (-)
Bromoform
Concen: 20.84 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

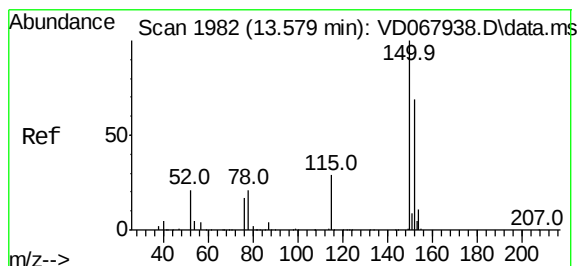
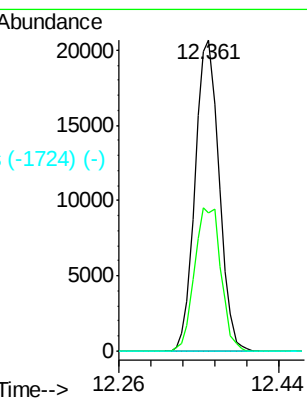
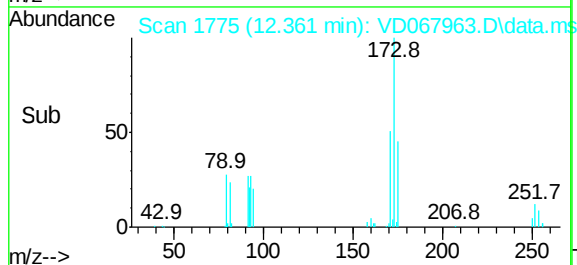
Instrument :
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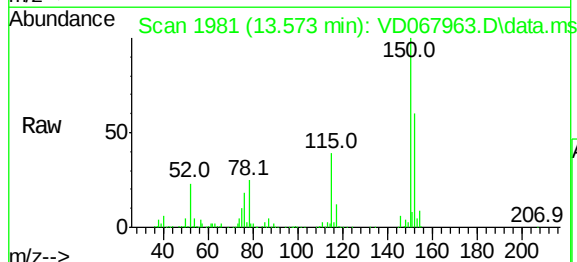
Tgt Ion:	173	Resp:	37292
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.6	73.8
254	0.0	0.0	0.0

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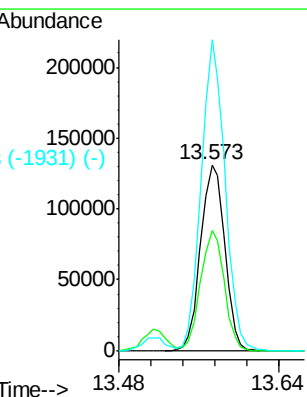
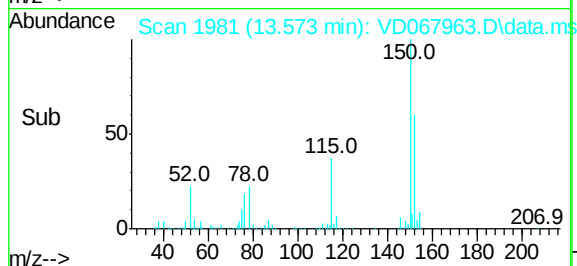
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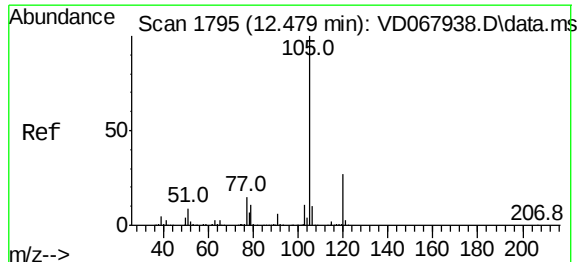


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05



Tgt Ion:	152	Resp:	219386
Ion Ratio	Lower	Upper	
152	100		
115	63.6	29.3	88.0
150	165.1	0.0	340.0



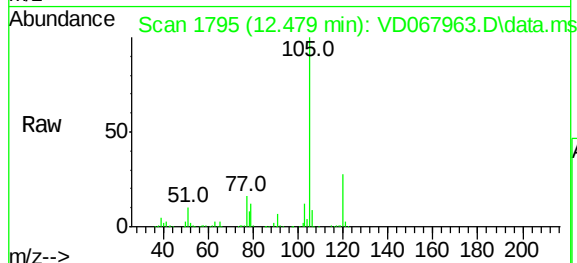


#1786 (-)
Isopropylbenzene
Concen: 19.86 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

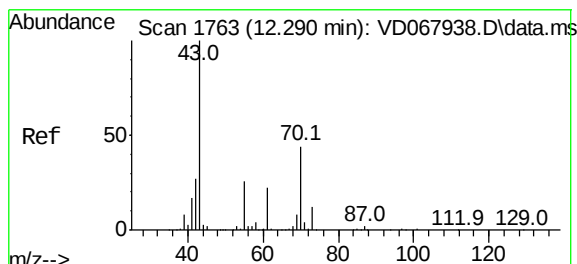
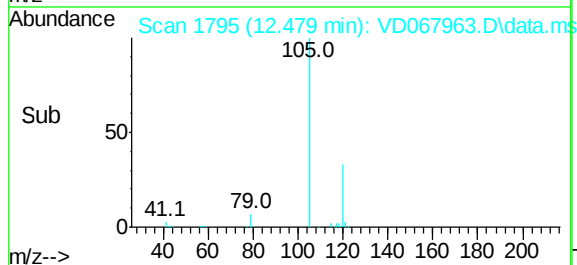
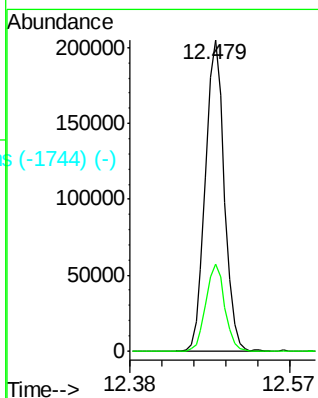
Instrument :
MSVOA_D
ClientSampleId :
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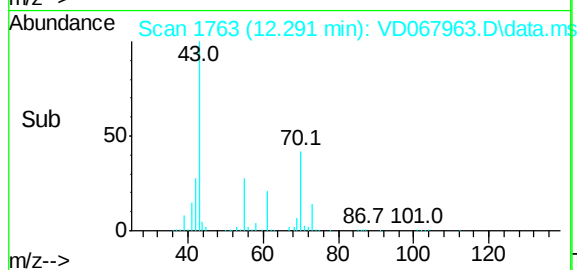
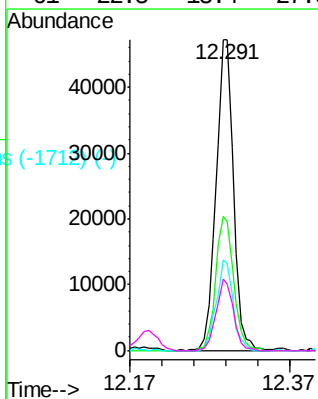
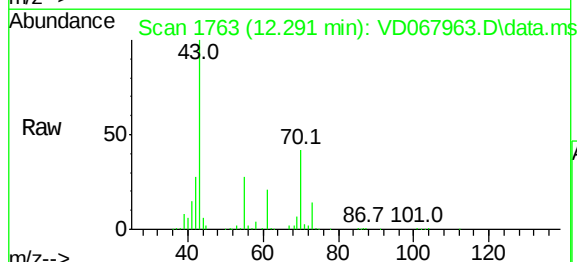


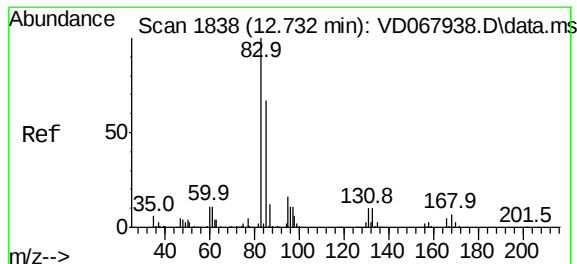
Tgt Ion:105 Resp: 323340
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 19.70 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 43 Resp: 72807
Ion Ratio Lower Upper
43 100
70 44.3 34.3 51.5
55 27.9 21.2 31.8
61 22.5 18.4 27.6



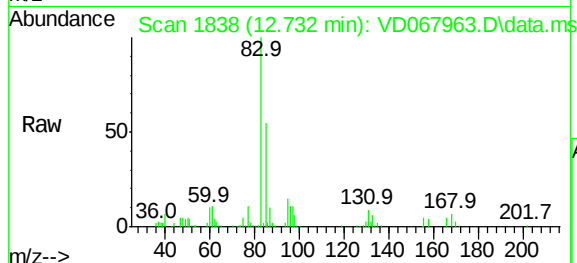


#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 21.24 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

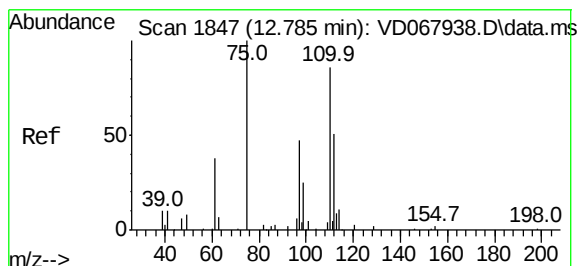
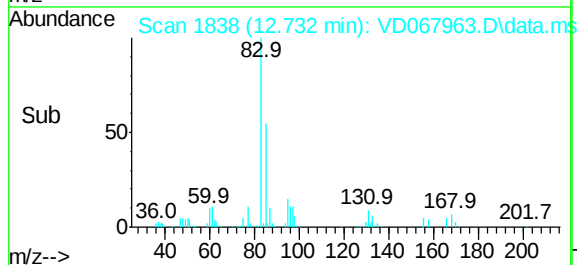
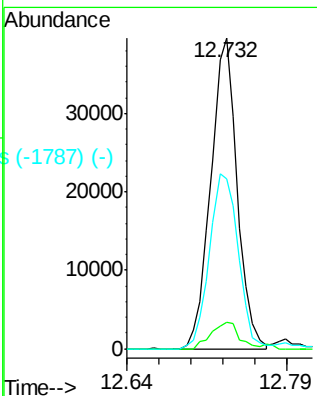
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

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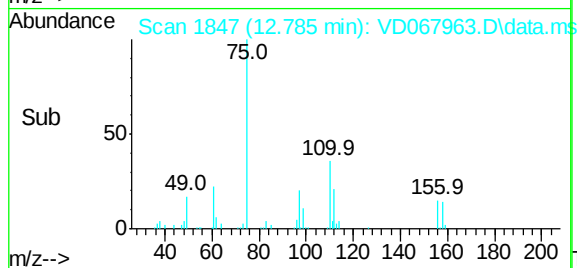
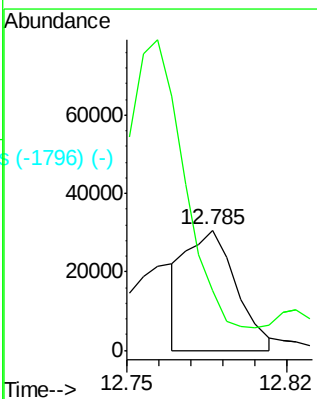
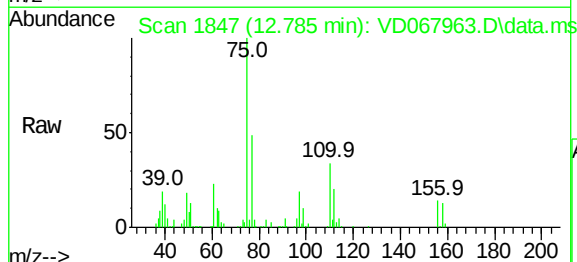


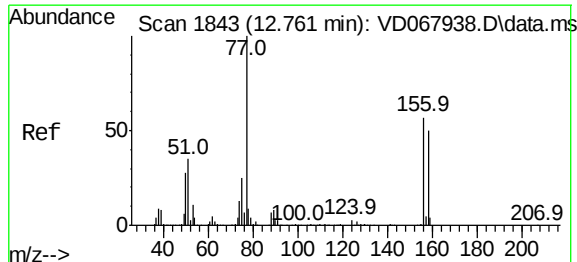
Tgt Ion:	83	Resp:	64177
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.0	14.9
85	61.5	32.1	96.3



#1645 (-)
 1,2,3-Trichloropropane
 Concen: 24.78 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

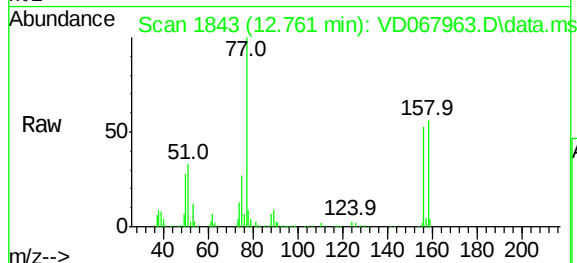
Tgt Ion:	75	Resp:	45765
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 20.02 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

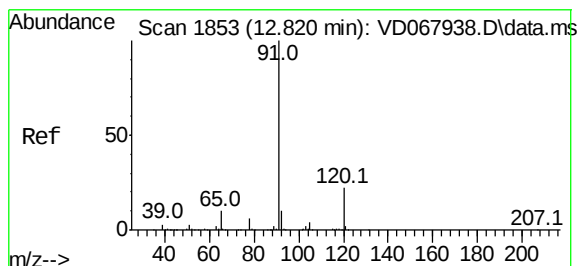
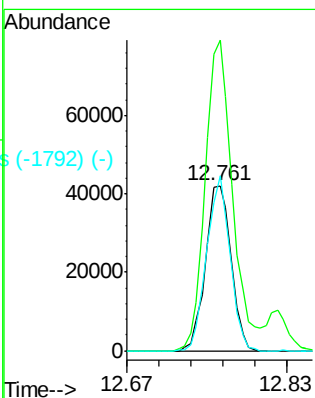
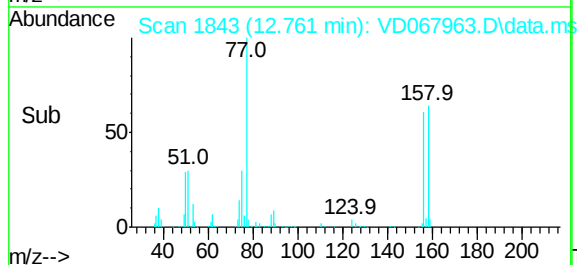
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01



Tgt Ion:156 Resp: 74559
Ion Ratio Lower Upper
156 100
77 201.2 95.9 287.6
158 97.0 46.8 140.3

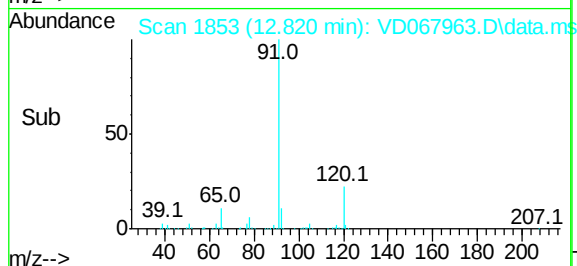
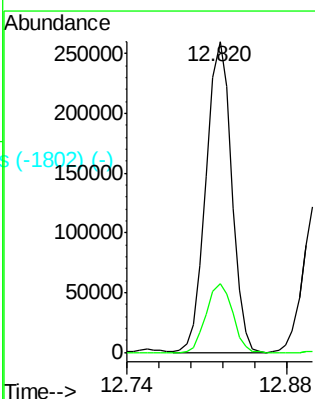
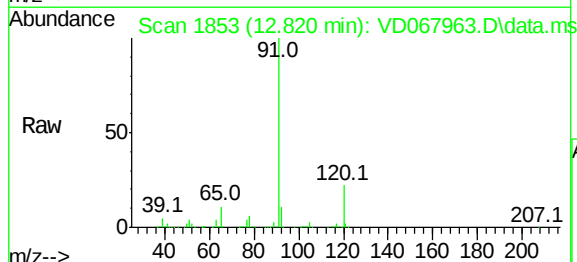
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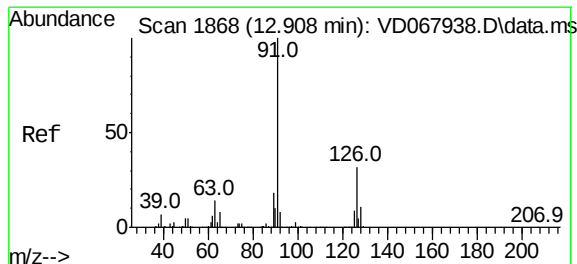
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#1847 (-)
n-propylbenzene
Concen: 20.25 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion: 91 Resp: 409874
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5

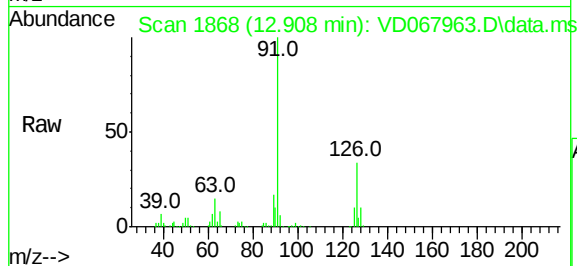




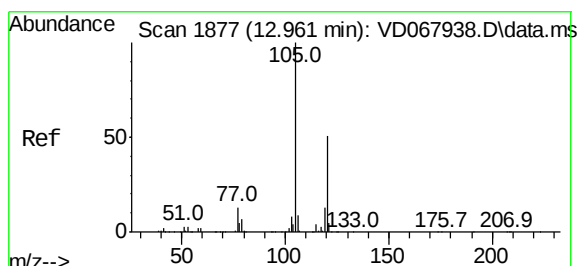
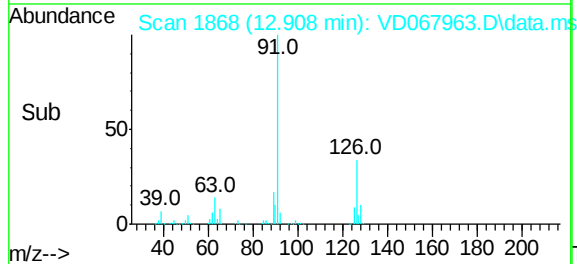
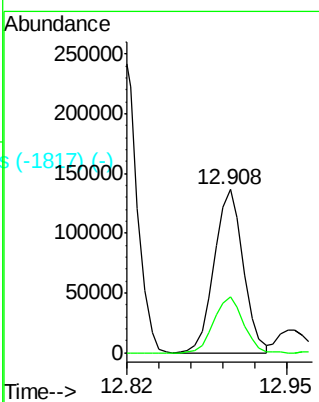
#1861 (-)
 2-Chlorotoluene
 Concen: 19.87 ug/l
 RT: 12.908 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Instrument :
 MSVOA_D
ClientSampleId :
 VD1229SBS01

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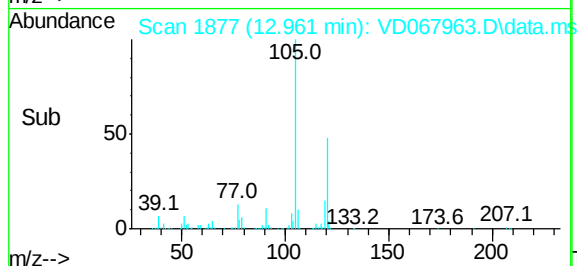
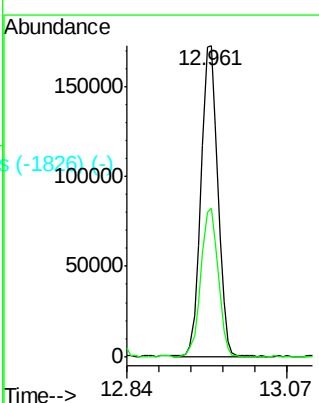
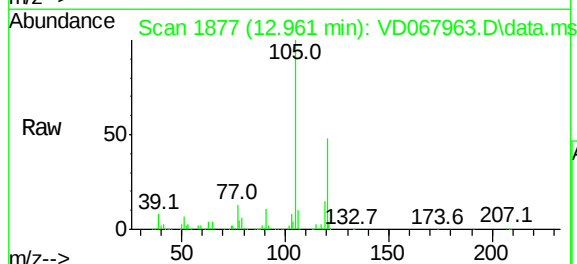


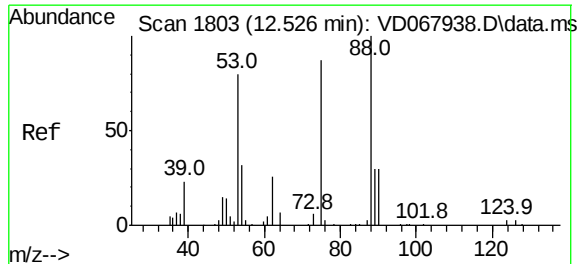
Tgt Ion: 91 Resp: 227252
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.8 50.3



#1868 (-)
 1,3,5-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:105 Resp: 278621
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.6





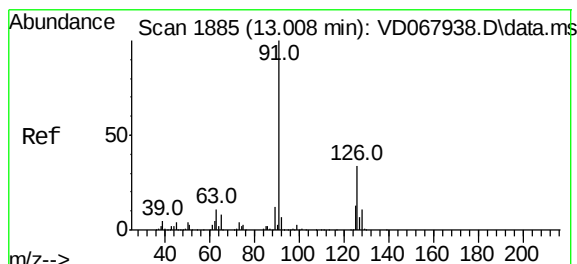
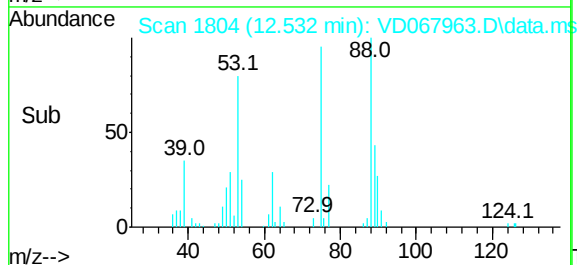
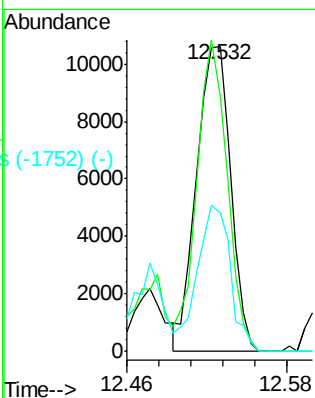
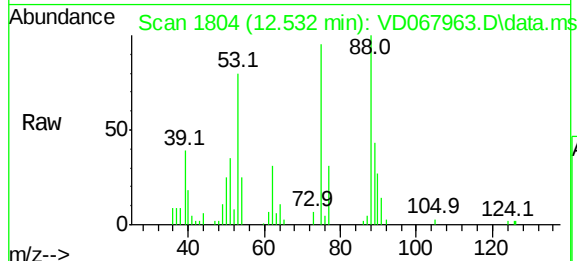
trans-1,4-Dichloro-2-butene
Concen: 20.68 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	75	Resp:	18631
Ion Ratio	Lower	Upper	
75	100		
53	90.8	74.9	112.3
89	46.3	33.8	50.8

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

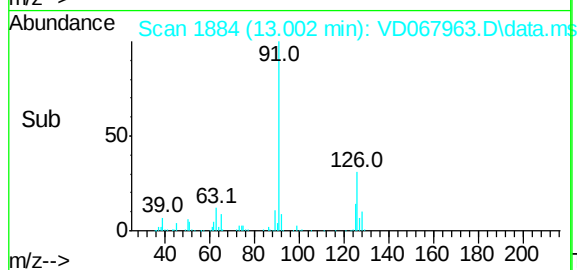
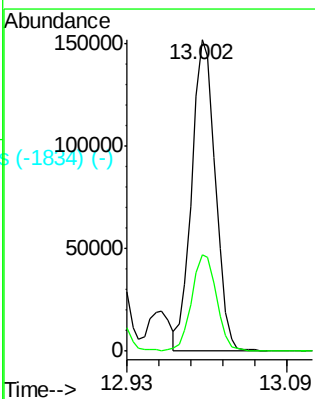
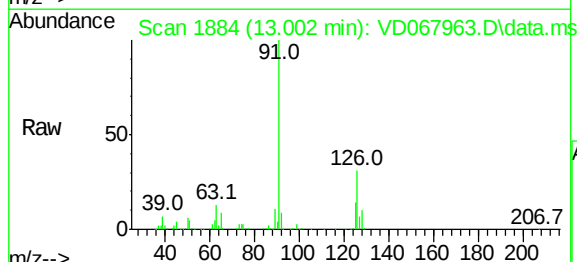
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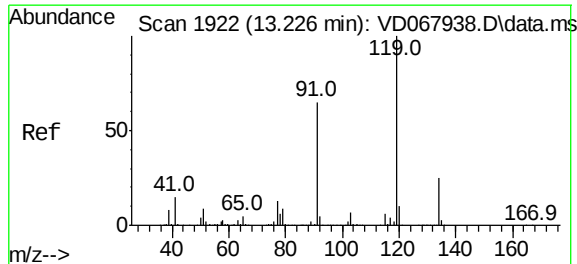
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4-Chlorotoluene
Concen: 20.70 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	91	Resp:	248779
Ion Ratio	Lower	Upper	
91	100		
126	32.2	17.0	51.0





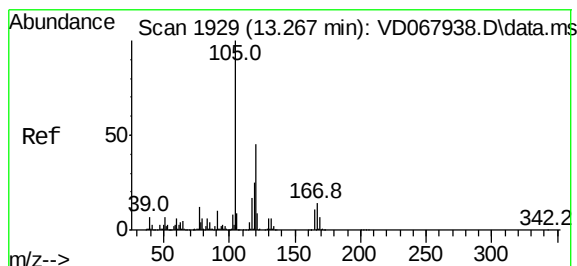
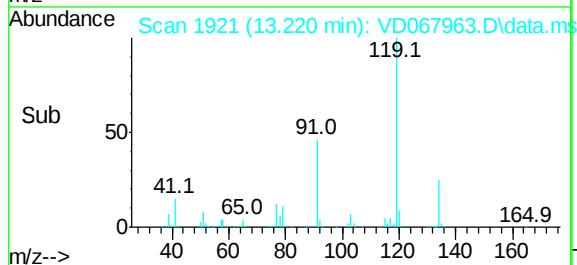
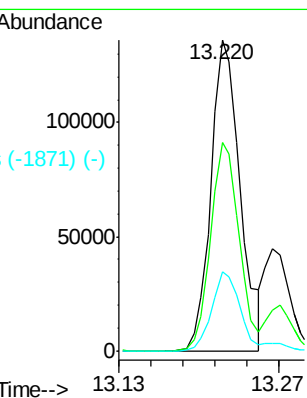
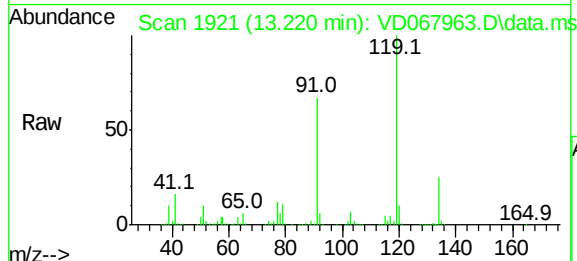
#13 (-)
tert-Butylbenzene
Concen: 20.42 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	119	Resp:	227180
Ion Ratio	Lower	Upper	
119	100		
91	65.6	32.7	98.1
134	26.3	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

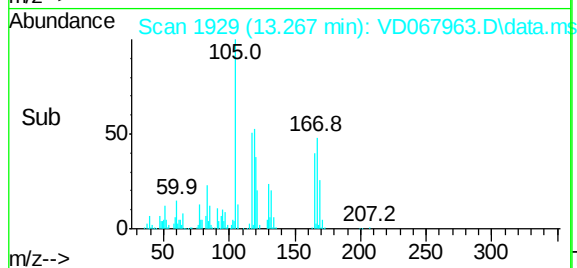
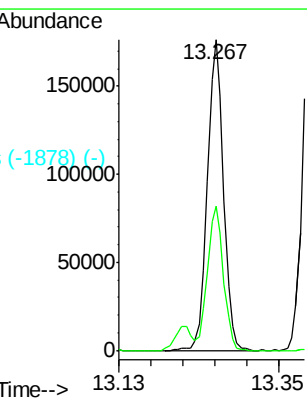
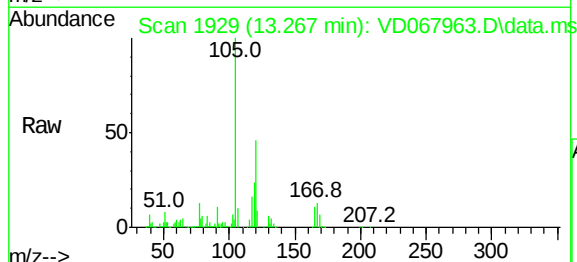
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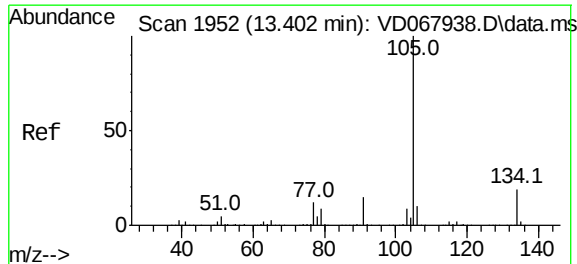
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#16 (-)
1,2,4-Trimethylbenzene
Concen: 20.37 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	105	Resp:	276335
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.7	68.0



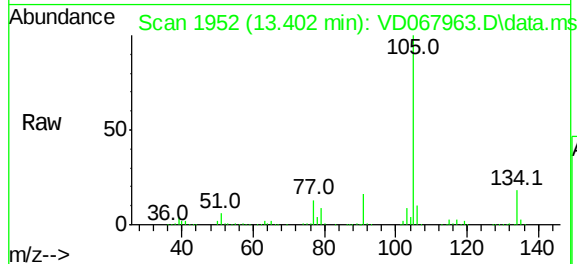


#8543 (-)
 sec-Butylbenzene
 Concen: 20.34 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

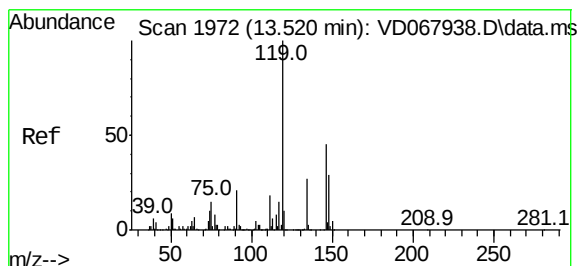
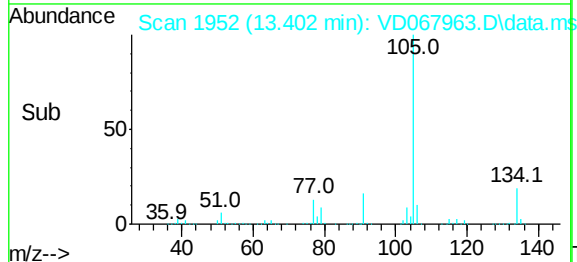
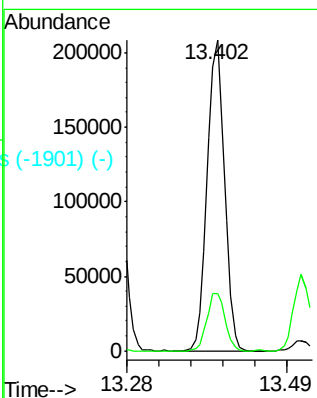
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

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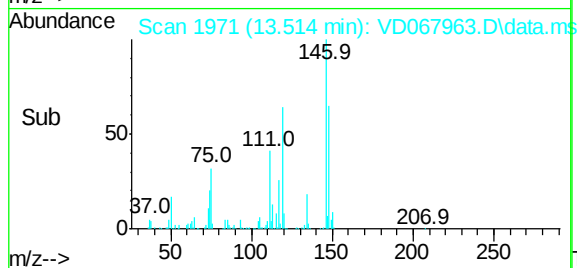
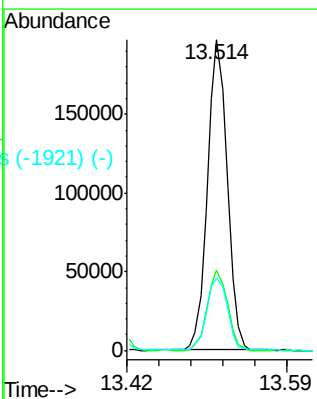
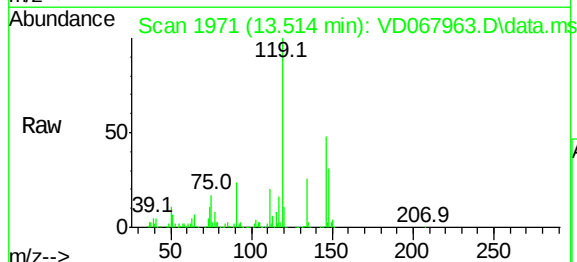


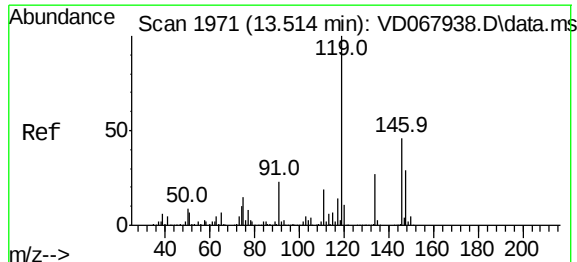
Tgt Ion:105 Resp: 330990
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#8564 (-)
 p-Isopropyltoluene
 Concen: 20.34 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:119 Resp: 291289
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.3 11.4 34.2





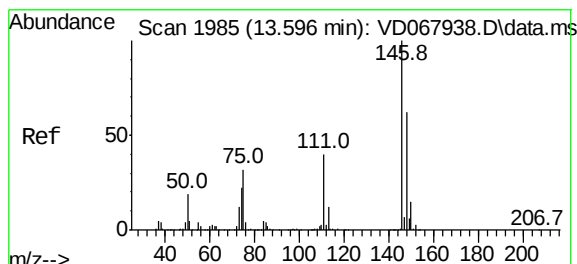
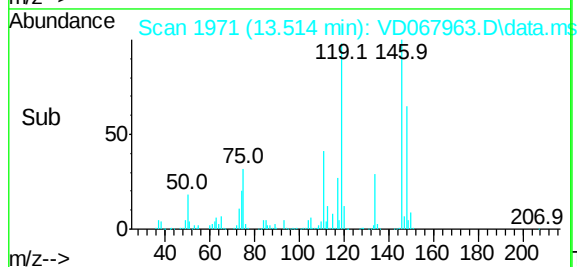
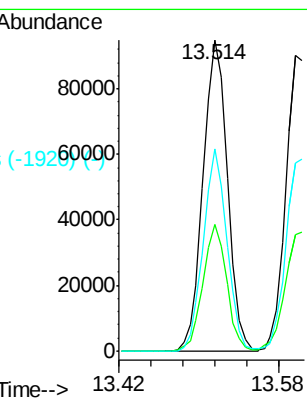
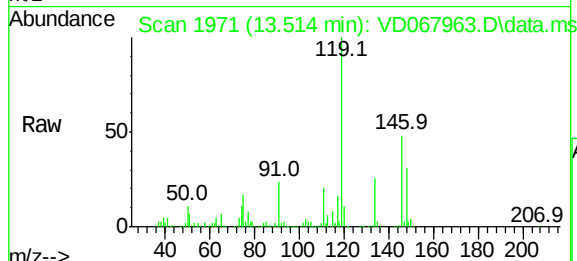
#873 (-)
1,3-Dichlorobenzene
Concen: 20.42 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Tgt Ion:	146	Resp:	151261
Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	62.9	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

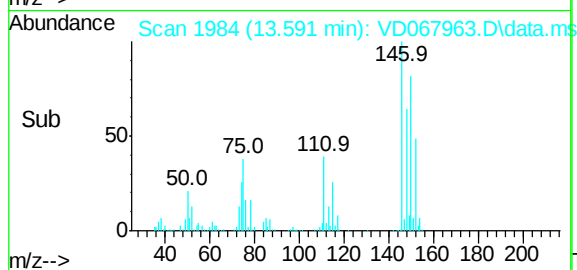
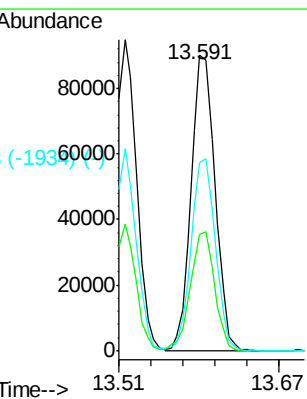
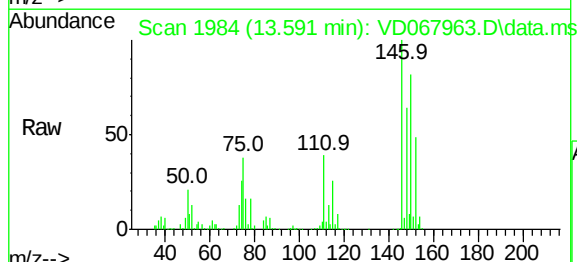
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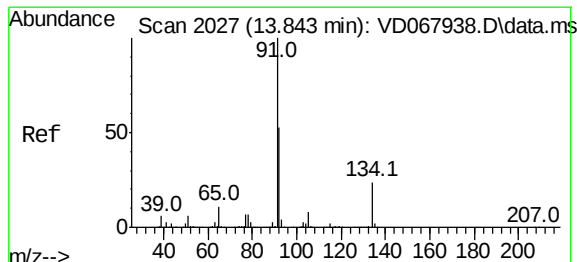
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#878 (-)
1,4-Dichlorobenzene
Concen: 20.48 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

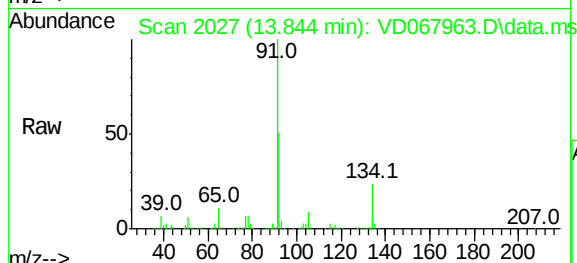
Tgt Ion:	146	Resp:	149775
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.4	58.2
148	65.7	31.9	95.9





#9017 (-)
n-Butylbenzene
Concen: 20.06 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

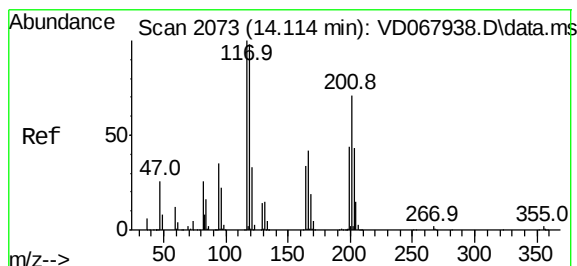
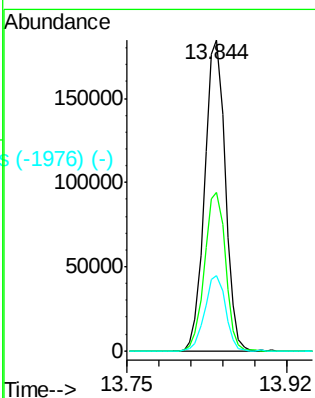
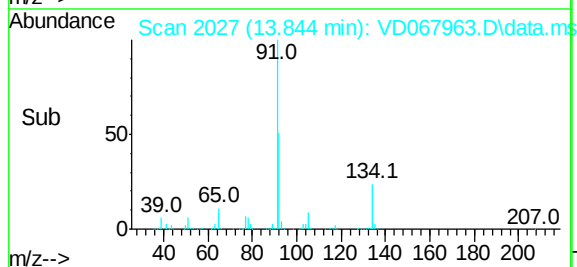
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01



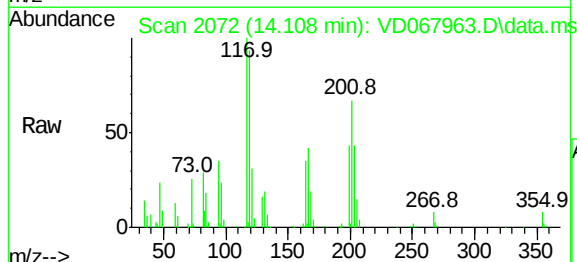
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.8	80.3
134	24.2	12.3	36.9

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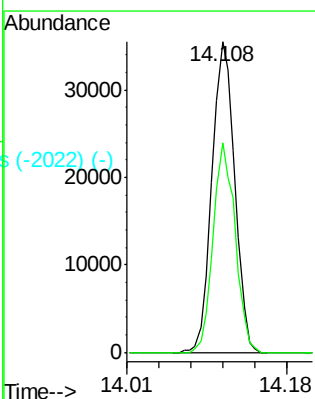
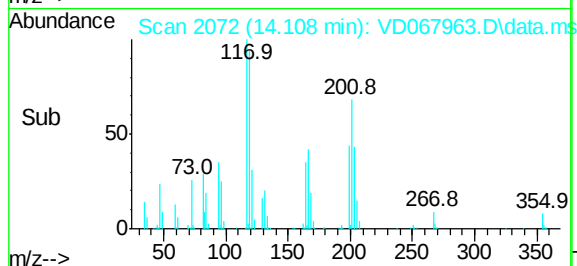
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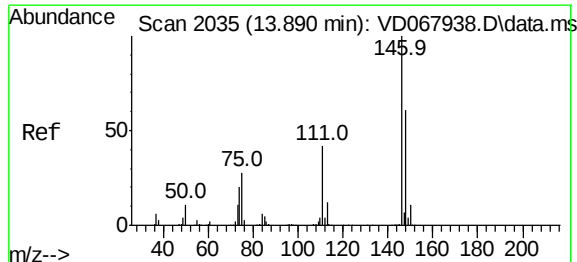


#9064 (-)
Hexachloroethane
Concen: 20.71 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05



Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.1	34.3	102.8





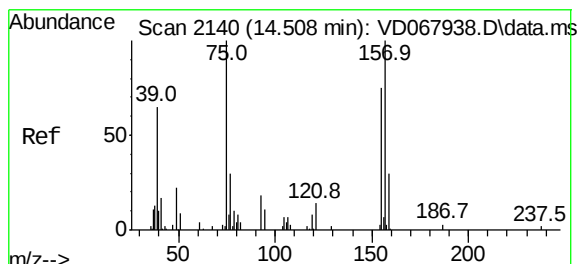
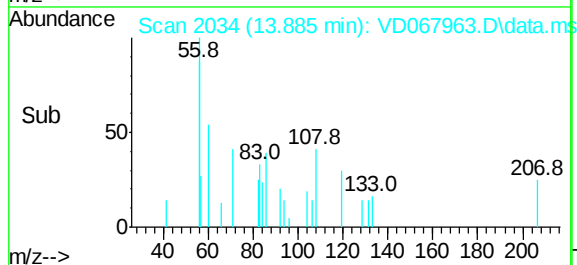
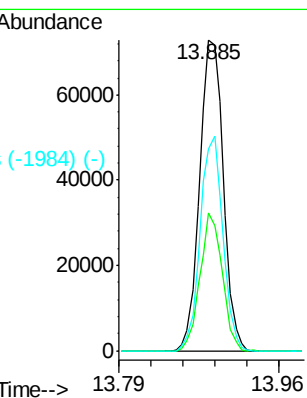
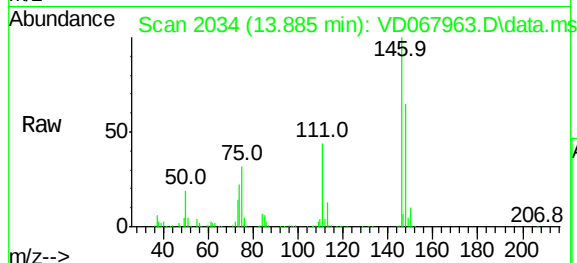
#9126 (-)
 1,2-Dichlorobenzene
 Concen: 20.71 ug/l
 RT: 13.885 min Scan# 2034
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:	146	Resp:	129142
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	66.4	31.6	95.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

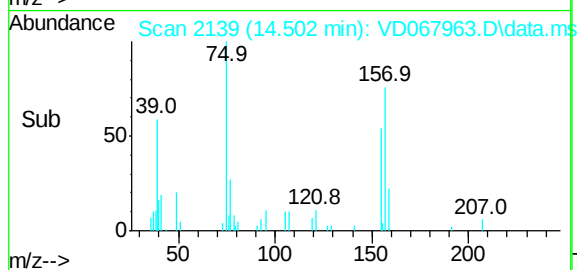
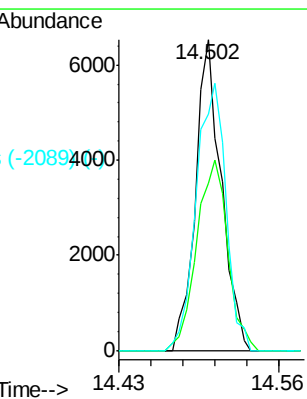
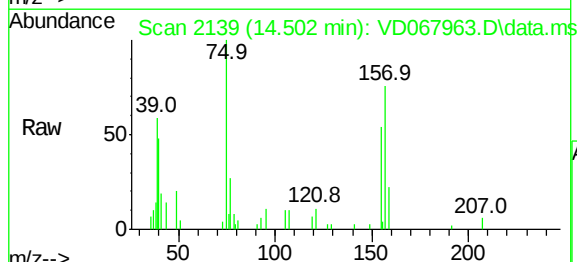
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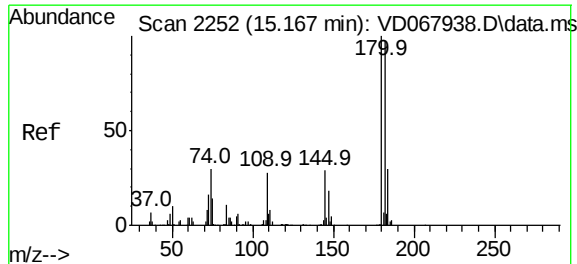
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#9131 (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 20.45 ug/l
 RT: 14.502 min Scan# 2139
 Delta R.T. -0.006 min
 Lab File: VD067963.D
 Acq: 29 Dec 2020 12:05

Tgt Ion:	75	Resp:	9672
Ion	Ratio	Lower	Upper
75	100		
155	73.8	39.8	119.3
157	99.4	50.6	151.9



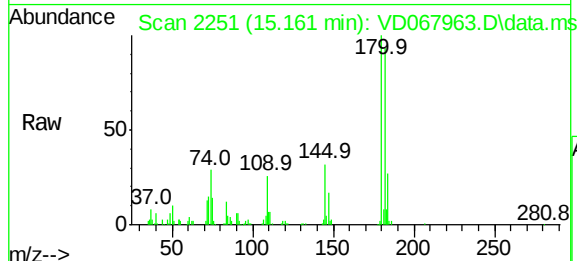


1,2,4-Trichlorobenzene
Concen: 20.90 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

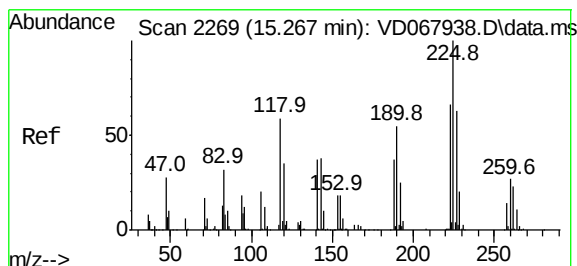
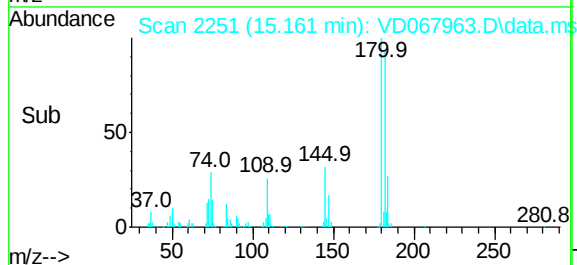
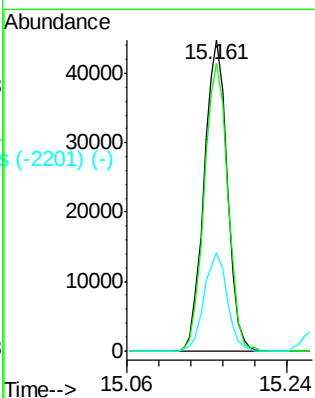
Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

Manual Integrations
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MMDadoda
12/30/2020 2:02:33 PM

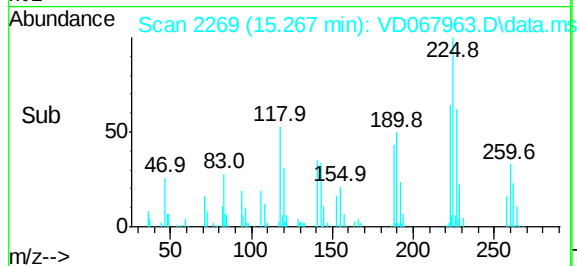
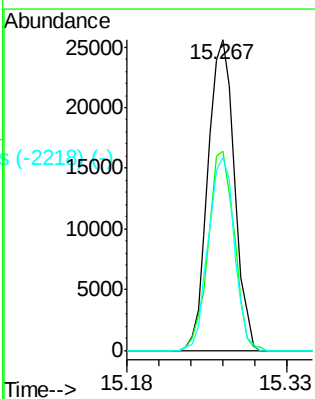
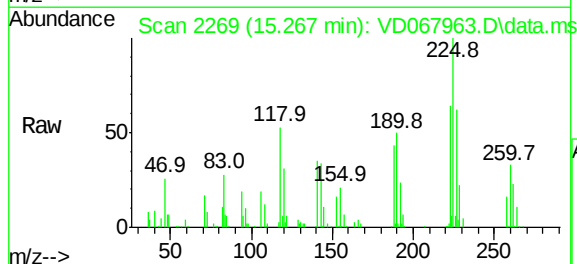


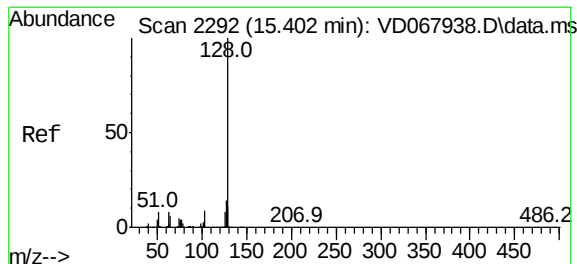
Tgt Ion	180	Resp:	77368
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.2
145	31.4	15.8	47.3



Hexachlorobutadiene
Concen: 20.47 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

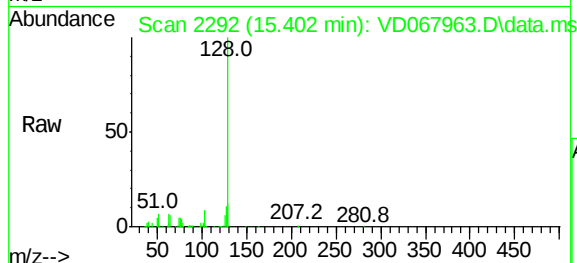
Tgt Ion	225	Resp:	44346
Ion Ratio	Lower	Upper	
225	100		
223	63.1	33.4	100.2
227	60.8	31.7	95.1





#9583 (-)
Naphthalene
Concen: 19.55 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05

Instrument :
MSVOA_D
ClientSampleId :
VD1229SBS01

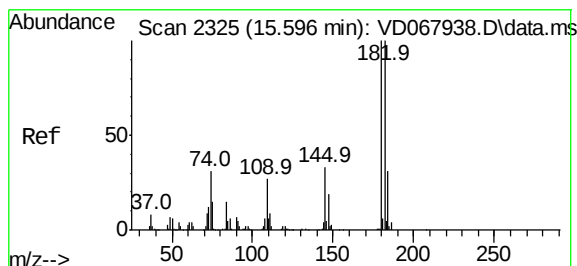
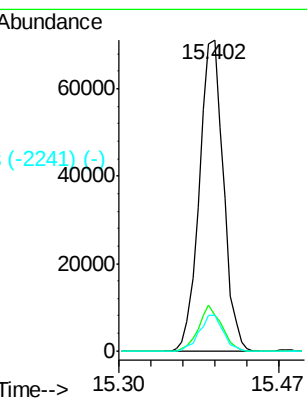
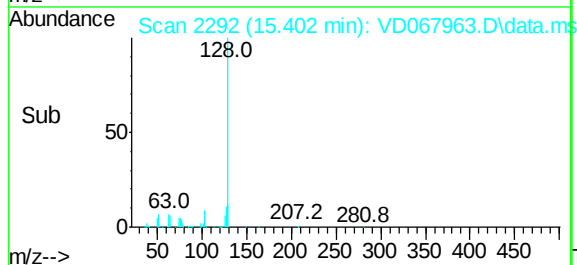


Tgt Ion:128 Resp: 127902

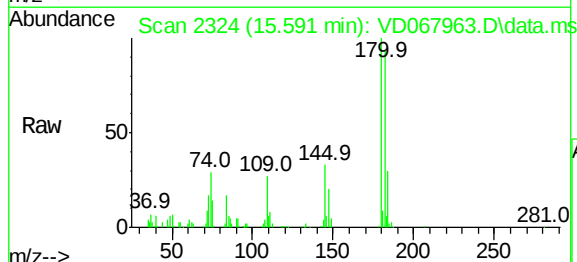
Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.2	16.8
129	11.4	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/30/2020 2:02:33 PM



#9615 (-)
1,2,3-Trichlorobenzene
Concen: 21.05 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. -0.006 min
Lab File: VD067963.D
Acq: 29 Dec 2020 12:05



Tgt Ion:180 Resp: 67321

Ion	Ratio	Lower	Upper
180	100		
182	94.1	50.2	150.6
145	33.3	17.0	51.0

