

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062221\
 Data File : VD069513.D
 Acq On : 22 Jun 2021 13:52
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
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Quant Time: Jun 23 04:26:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	542717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	960140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	916674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	429463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	364656	53.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.800%	
35) Dibromofluoromethane	7.914	113	352007	54.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.338	98	1329165	54.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.200%	
62) 4-Bromofluorobenzene	12.626	95	437004	54.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	99510	19.116	ug/l	96
3) Chloromethane	2.209	50	149912	19.688	ug/l	98
4) Vinyl Chloride	2.350	62	162624	19.159	ug/l	99
5) Bromomethane	2.756	94	109346	20.324	ug/l	95
6) Chloroethane	2.915	64	108456	19.182	ug/l	# 88
7) Trichlorofluoromethane	3.274	101	204652	20.302	ug/l	98
8) Diethyl Ether	3.715	74	53337	20.003	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	125248	20.315	ug/l	96
10) Methyl Iodide	4.297	142	86459	17.956	ug/l	97
11) Tert butyl alcohol	5.215	59	46557	106.726	ug/l	# 95
12) 1,1-Dichloroethene	4.062	96	106619	19.894	ug/l	90
13) Acrolein	3.921	56	30895	82.052	ug/l	100
14) Allyl chloride	4.709	41	151895	20.217	ug/l	96
15) Acrylonitrile	5.420	53	114833	102.591	ug/l	99
16) Acetone	4.156	43	96138	84.433	ug/l	95
17) Carbon Disulfide	4.409	76	335206	18.998	ug/l	99
18) Methyl Acetate	4.721	43	70361	23.432	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	203665	19.337	ug/l	98
20) Methylene Chloride	4.962	84	197142	23.863	ug/l	97
21) trans-1,2-Dichloroethene	5.468	96	129475	20.024	ug/l	96
22) Diisopropyl ether	6.362	45	323169	21.346	ug/l	98
23) Vinyl Acetate	6.309	43	774974	93.379	ug/l	98
24) 1,1-Dichloroethane	6.262	63	248341	20.709	ug/l	96
25) 2-Butanone	7.209	43	136852	94.583	ug/l	98
26) 2,2-Dichloropropane	7.203	77	195872	19.980	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	144090	20.509	ug/l	98
28) Bromochloromethane	7.544	49	96428	20.531	ug/l	99
29) Tetrahydrofuran	7.562	42	76574	96.532	ug/l	98
30) Chloroform	7.709	83	276152	21.785	ug/l	97
31) Cyclohexane	7.985	56	167741	18.416	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	218413	20.908	ug/l	98
36) 1,1-Dichloropropene	8.109	75	187038	19.849	ug/l	100
37) Ethyl Acetate	7.297	43	67606	19.333	ug/l	97
38) Carbon Tetrachloride	8.097	117	188016	20.160	ug/l	98
39) Methylcyclohexane	9.356	83	163772	17.619	ug/l	97
40) Benzene	8.350	78	554133	20.398	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	32506	15.974	ug/l #	95
42) 1,2-Dichloroethane	8.420	62	160016	20.274	ug/l	97
43) Isopropyl Acetate	8.450	43	122778	19.327	ug/l	99
44) Trichloroethene	9.109	130	135893	19.824	ug/l	95
45) 1,2-Dichloropropane	9.385	63	142763	20.472	ug/l	98
46) Dibromomethane	9.473	93	73544	20.137	ug/l	98
47) Bromodichloromethane	9.661	83	209474	21.359	ug/l	98
48) Methyl methacrylate	9.456	41	55737	18.469	ug/l	94
49) 1,4-Dioxane	9.461	88	14297	397.386	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	327024	97.892	ug/l	97
52) Toluene	10.403	92	345981	20.639	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	170035	20.052	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	208124	20.410	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	106551	20.660	ug/l	99
56) Ethyl methacrylate	10.655	69	99746	18.183	ug/l	96
57) 1,3-Dichloropropane	10.944	76	182667	20.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	287455	97.362	ug/l	99
59) 2-Hexanone	10.979	43	206659	91.672	ug/l	97
60) Dibromochloromethane	11.138	129	129433	21.293	ug/l	97
61) 1,2-Dibromoethane	11.244	107	100059	21.041	ug/l	98
64) Tetrachloroethene	10.873	164	114587	19.905	ug/l	95
65) Chlorobenzene	11.667	112	365368	20.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	138320	20.868	ug/l	98
67) Ethyl Benzene	11.738	91	613030	19.248	ug/l	100
68) m/p-Xylenes	11.850	106	480453	40.066	ug/l	98
69) o-Xylene	12.173	106	206496	19.210	ug/l	95
70) Styrene	12.191	104	380519	20.097	ug/l	99
71) Bromoform	12.355	173	67606	20.126	ug/l #	100
73) Isopropylbenzene	12.473	105	559002	18.892	ug/l	100
74) N-amyl acetate	12.279	43	111005	18.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	116172	19.547	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	86461m	20.509	ug/l	
77) Bromobenzene	12.755	156	139346	20.739	ug/l	99
78) n-propylbenzene	12.814	91	734034	19.765	ug/l	99
79) 2-Chlorotoluene	12.902	91	427718	20.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	491256	19.728	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	29259	17.329	ug/l	93
82) 4-Chlorotoluene	12.997	91	458107	20.139	ug/l	100
83) tert-Butylbenzene	13.214	119	377024	18.225	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	487679	19.701	ug/l	99
85) sec-Butylbenzene	13.391	105	593631	19.121	ug/l	100
86) p-Isopropyltoluene	13.508	119	497372	19.032	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	275855	20.046	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	274201	20.000	ug/l	100
89) n-Butylbenzene	13.838	91	477432	18.314	ug/l	99
90) Hexachloroethane	14.102	117	98711	19.323	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	234422	19.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	16527	18.327	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	126634	19.069	ug/l	99
94) Hexachlorobutadiene	15.261	225	81865	19.647	ug/l	98
95) Naphthalene	15.391	128	206076	17.724	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	107896	18.433	ug/l	98

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

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

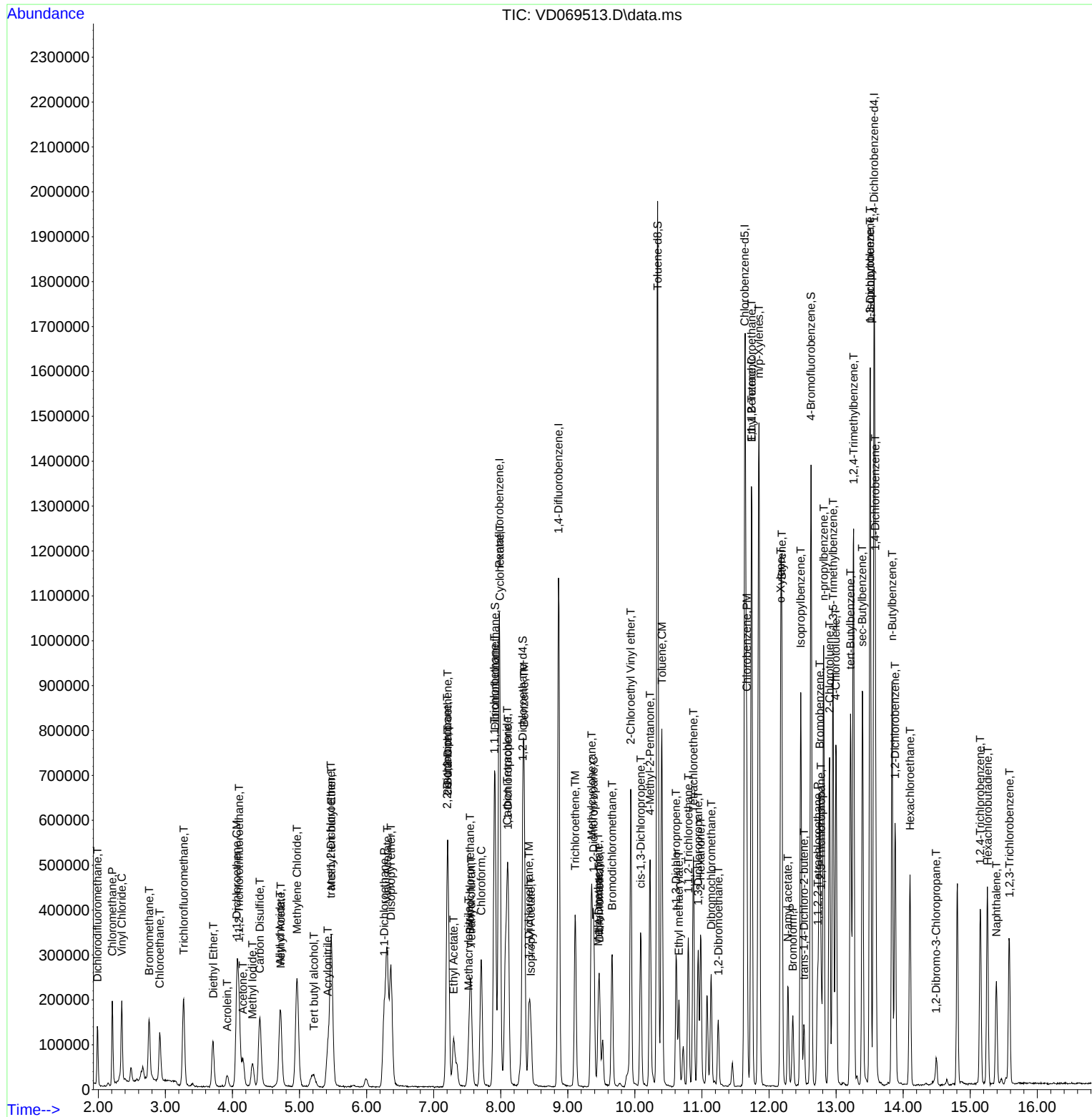
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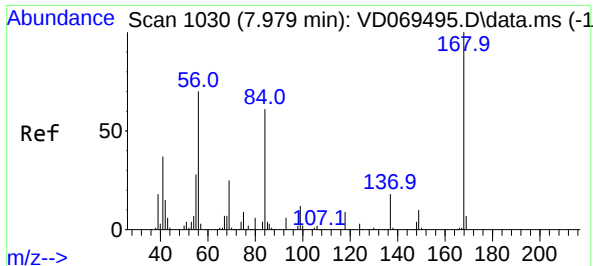
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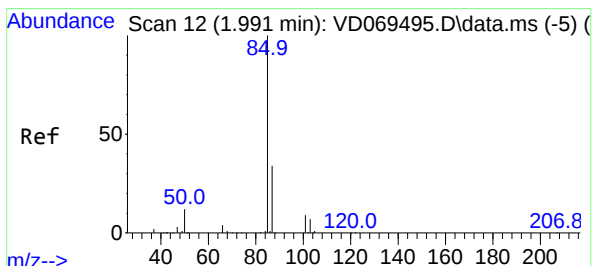
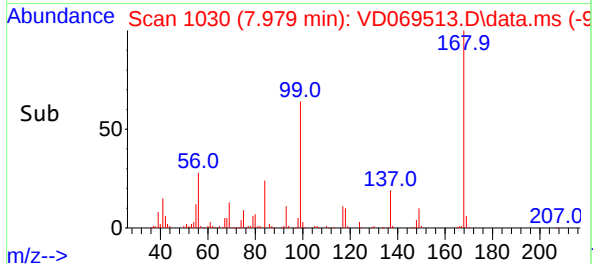
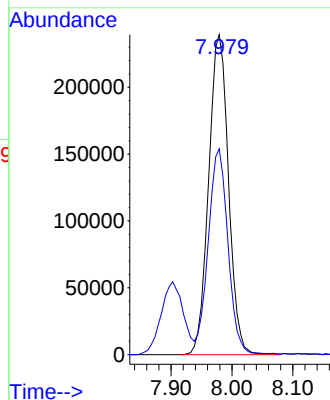
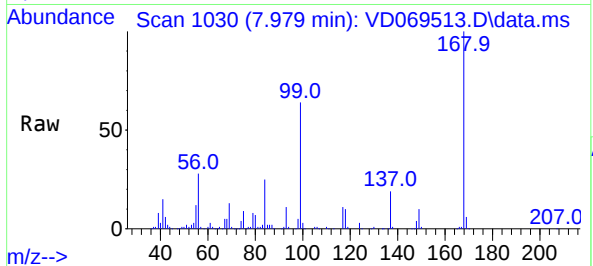
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:168 Resp: 542717
Ion Ratio Lower Upper
168 100
99 64.2 49.3 73.9

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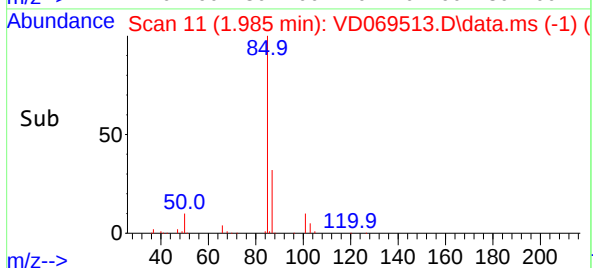
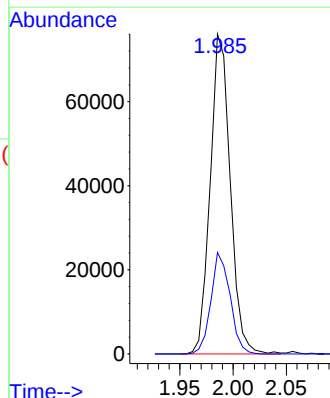
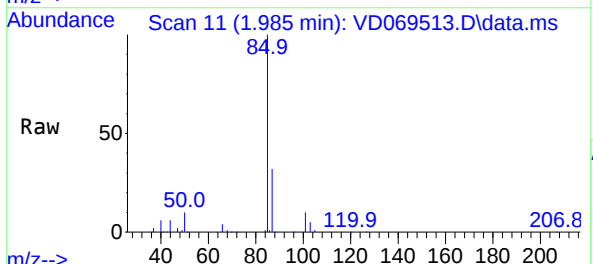
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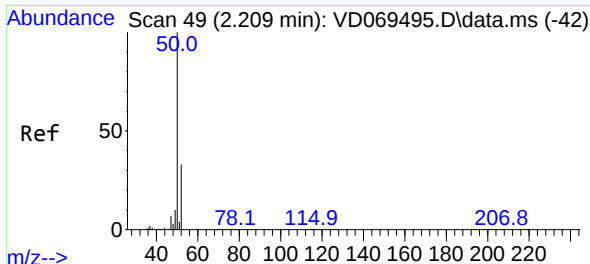
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#2
Dichlorodifluoromethane
Concen: 19.116 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 85 Resp: 99510
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.2





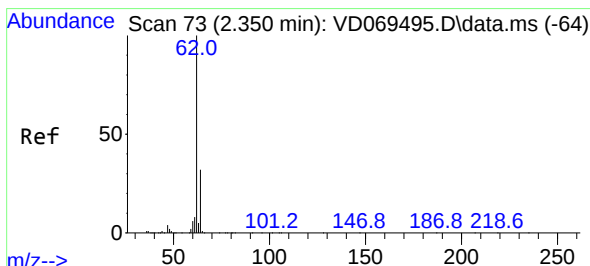
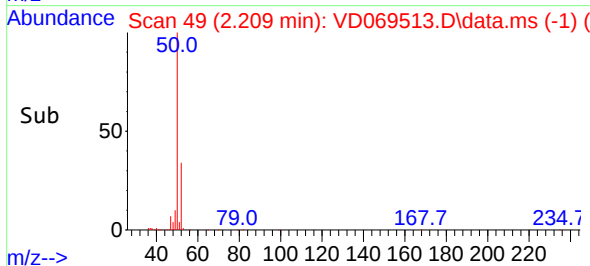
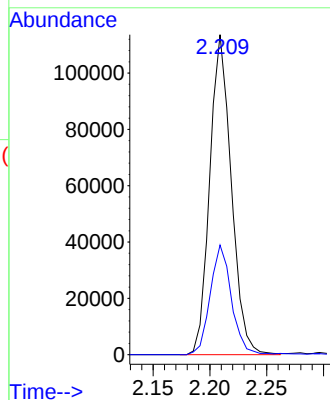
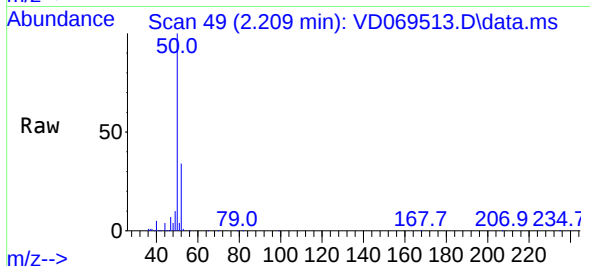
#3
Chloromethane
Concen: 19.688 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 50 Resp: 149912
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5

Instrument :
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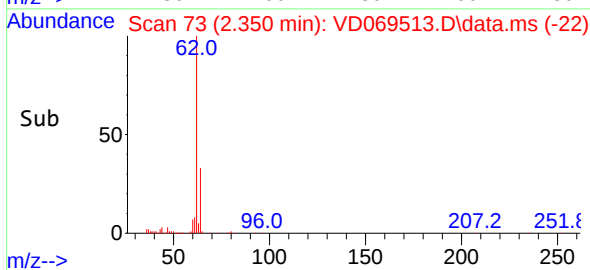
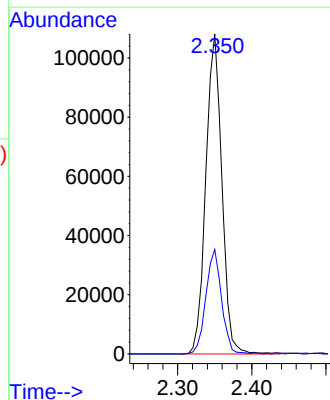
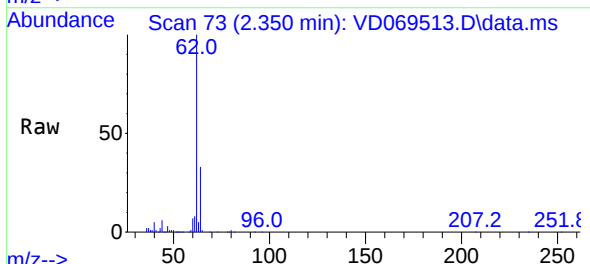
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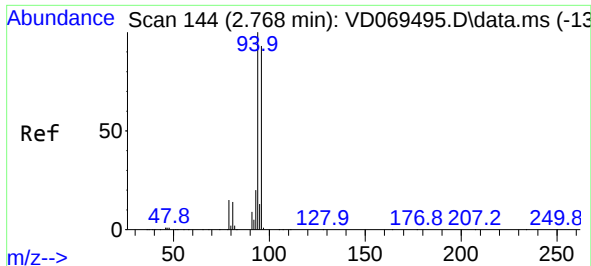
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#4
Vinyl Chloride
Concen: 19.159 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 62 Resp: 162624
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8





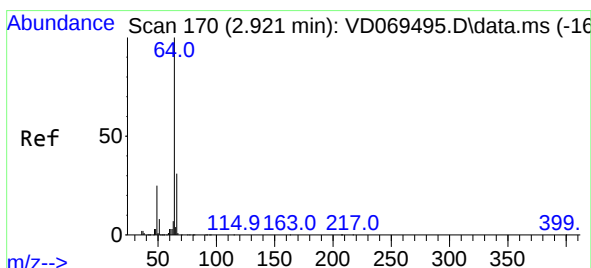
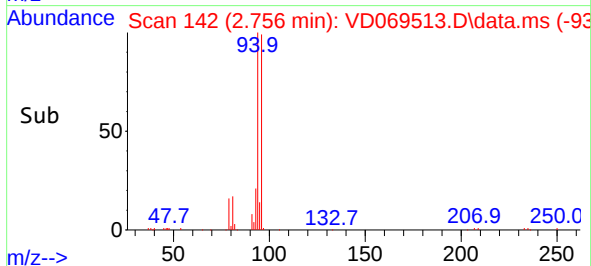
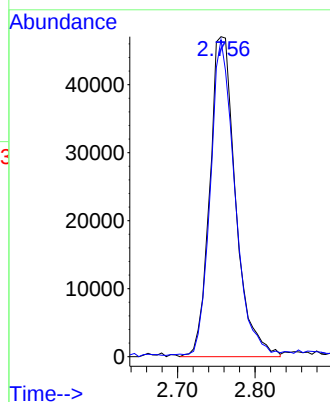
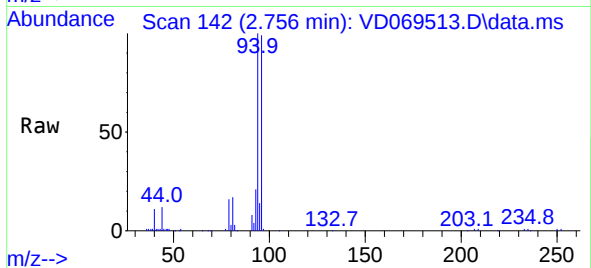
#5
Bromomethane
Concen: 20.324 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.012 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 94 Resp: 109346
Ion Ratio Lower Upper
94 100
96 98.2 74.6 111.8

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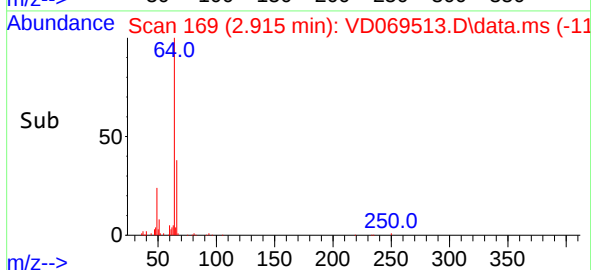
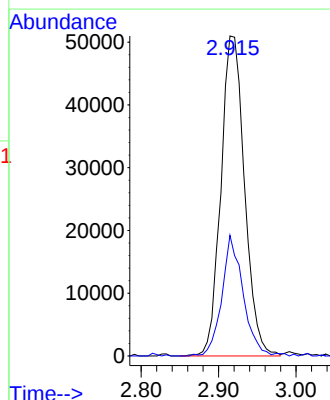
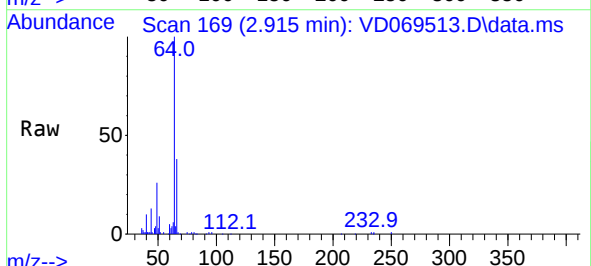
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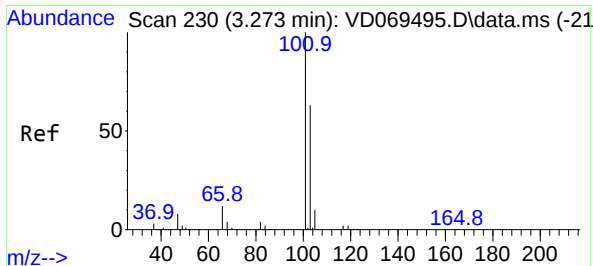
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#6
Chloroethane
Concen: 19.182 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 64 Resp: 108456
Ion Ratio Lower Upper
64 100
66 37.7 25.0 37.4#





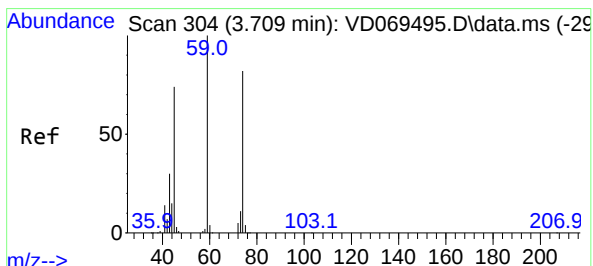
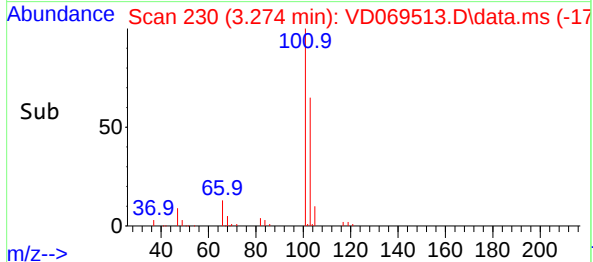
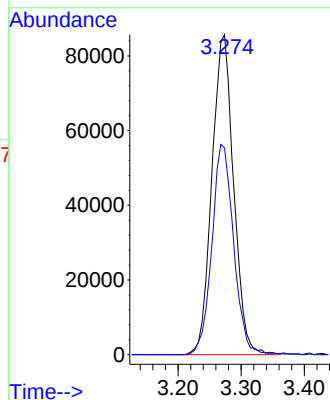
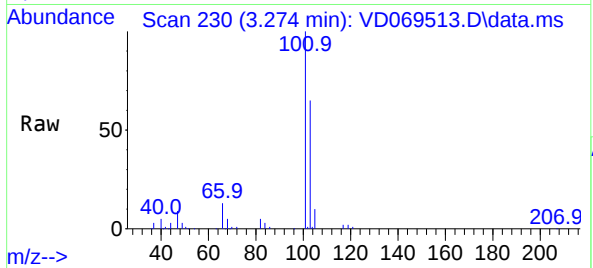
#7
Trichlorofluoromethane
Concen: 20.302 ug/l
RT: 3.274 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:101 Resp: 204652
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8

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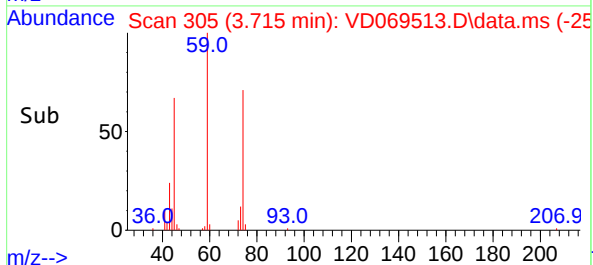
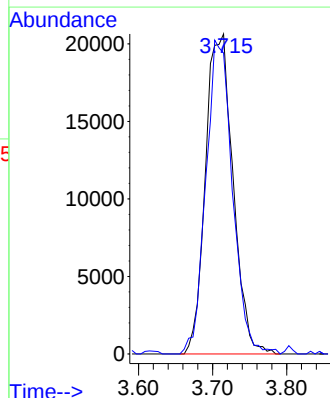
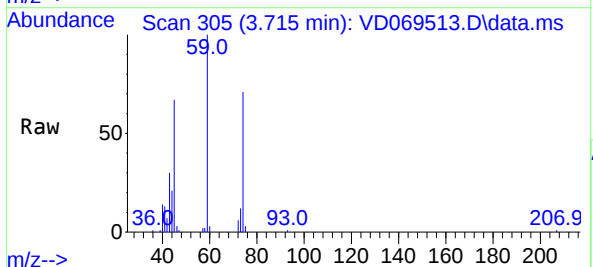
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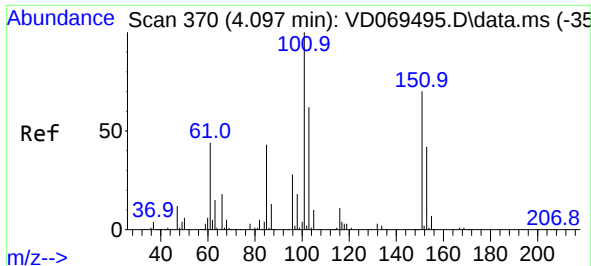
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#8
Diethyl Ether
Concen: 20.003 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD069513.D
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Tgt Ion: 74 Resp: 53337
Ion Ratio Lower Upper
74 100
45 94.7 45.6 136.8





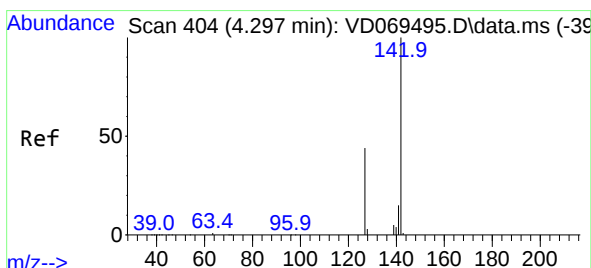
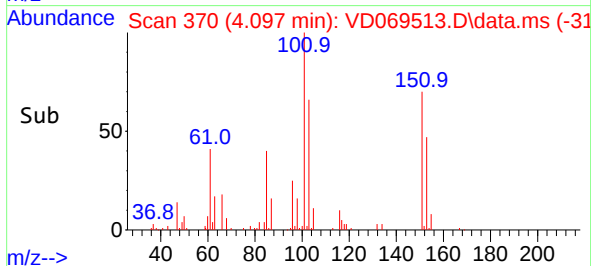
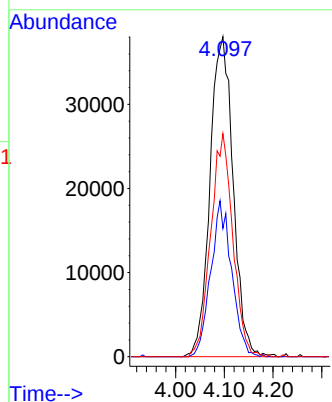
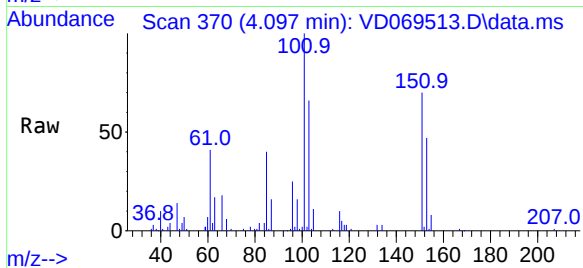
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.315 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:101 Resp: 125248
Ion Ratio Lower Upper
101 100
85 44.1 35.9 53.9
151 66.6 57.1 85.7

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

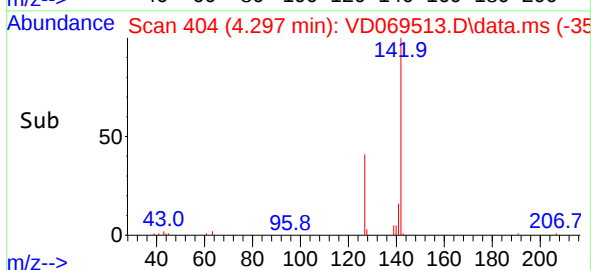
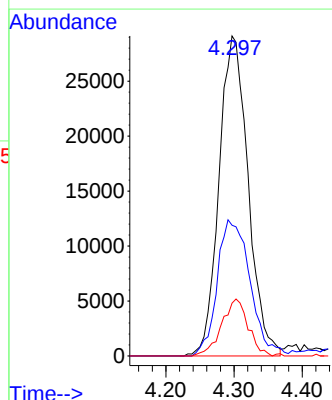
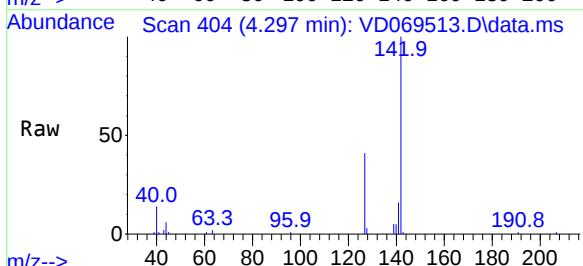
Manual Integrations
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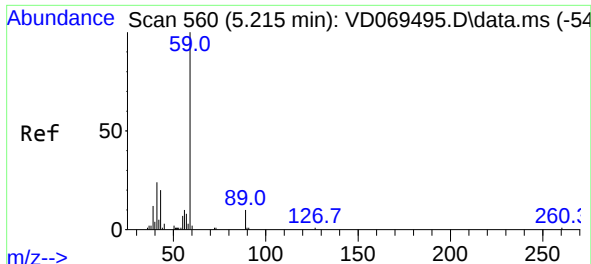
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#10
Methyl Iodide
Concen: 17.956 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:142 Resp: 86459
Ion Ratio Lower Upper
142 100
127 47.9 36.5 54.7
141 16.2 12.0 18.0





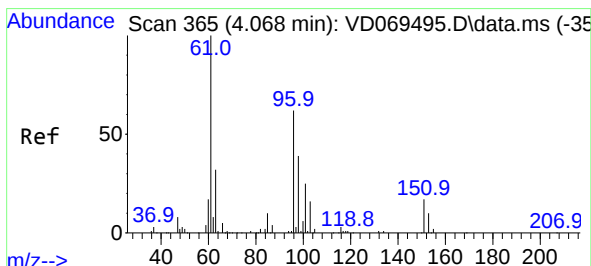
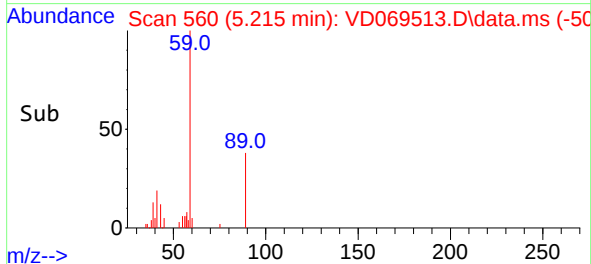
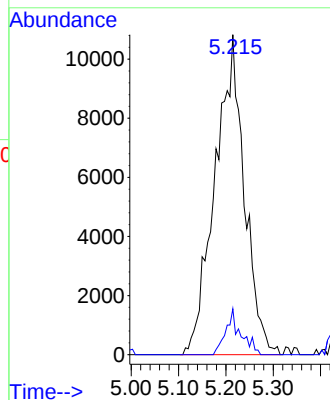
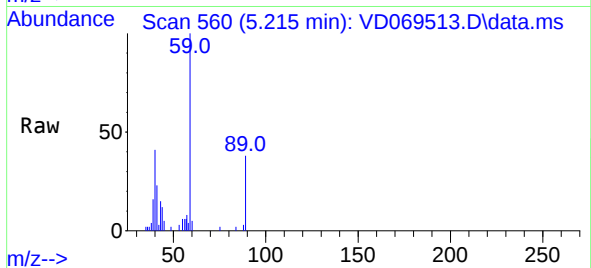
#11
Tert butyl alcohol
Concen: 106.726 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 59 Resp: 46557
Ion Ratio Lower Upper
59 100
57 7.3 4.6 7.0#

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

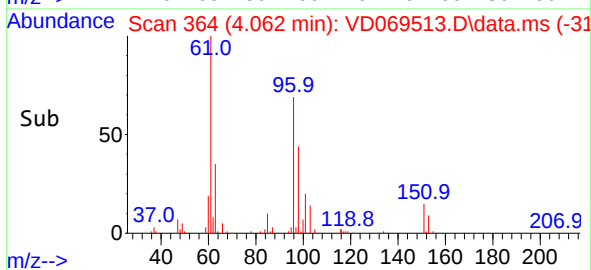
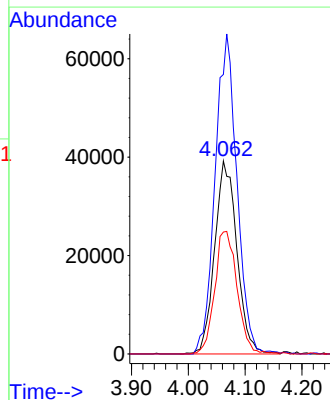
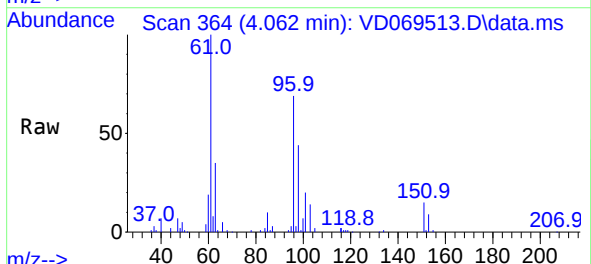
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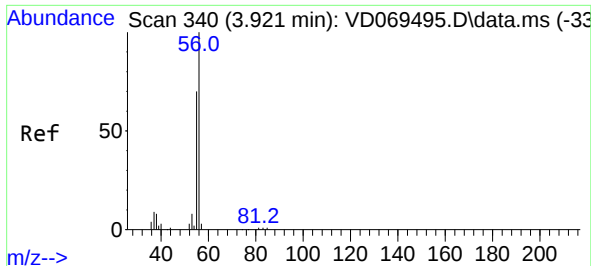
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#12
1,1-Dichloroethene
Concen: 19.894 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 96 Resp: 106619
Ion Ratio Lower Upper
96 100
61 144.9 130.1 195.1
98 63.2 51.2 76.8





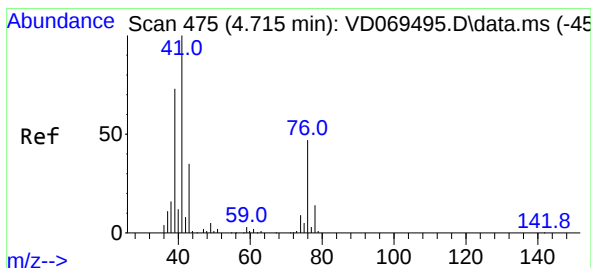
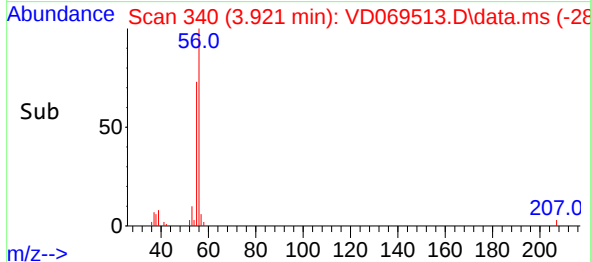
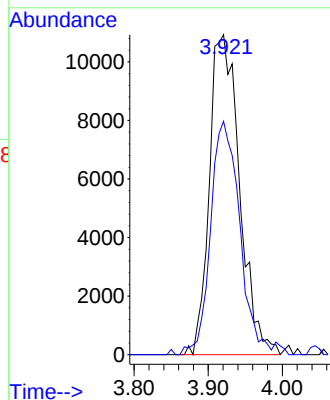
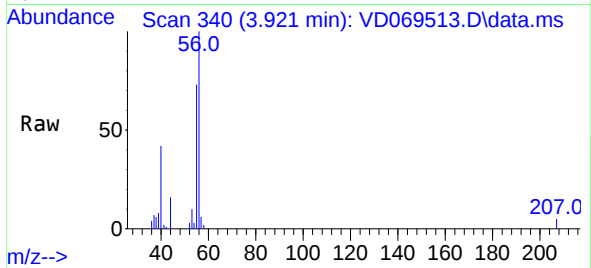
#13
Acrolein
Concen: 82.052 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 56 Resp: 30895
Ion Ratio Lower Upper
56 100
55 70.1 56.0 84.0

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

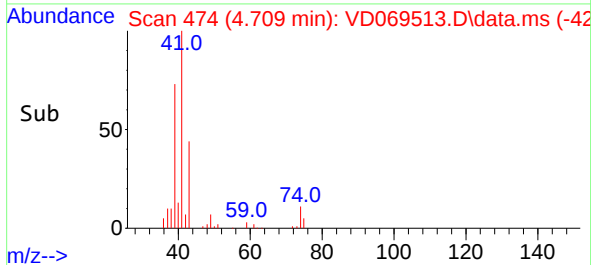
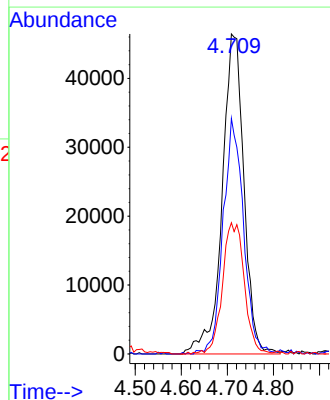
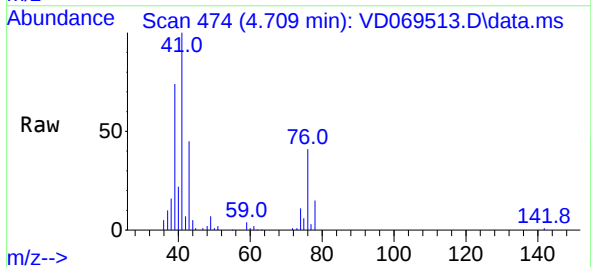
Manual Integrations
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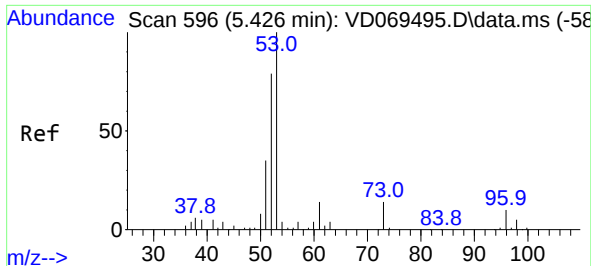
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#14
Allyl chloride
Concen: 20.217 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

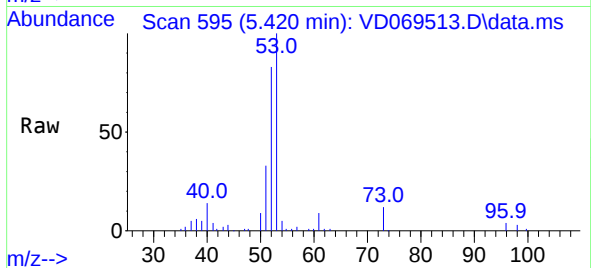
Tgt Ion: 41 Resp: 151895
Ion Ratio Lower Upper
41 100
39 68.9 58.2 87.4
76 41.2 33.8 50.8





#15
Acrylonitrile
Concen: 102.591 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

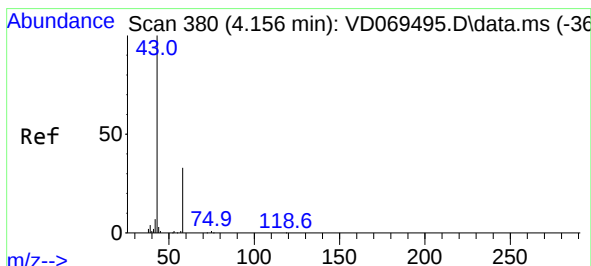
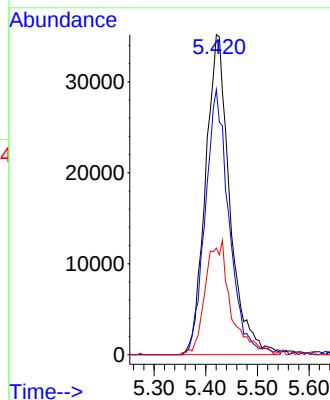
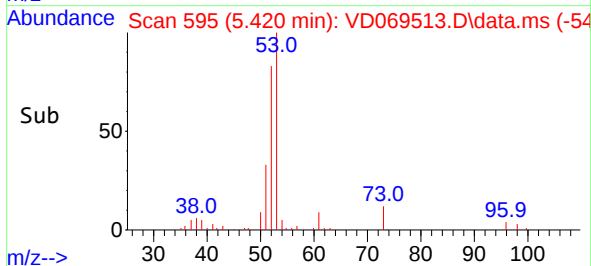
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



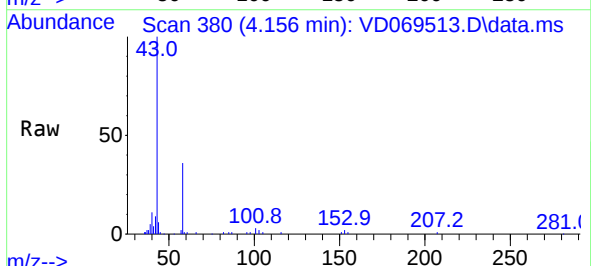
Tgt Ion: 53 Resp: 114833
Ion Ratio Lower Upper
53 100
52 81.3 65.8 98.6
51 37.5 29.7 44.5

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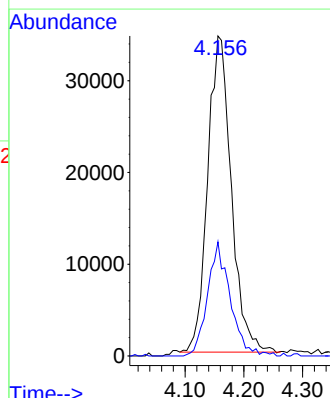
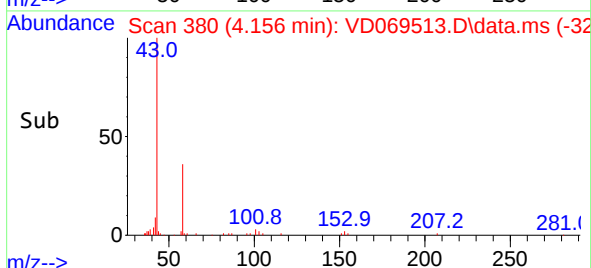
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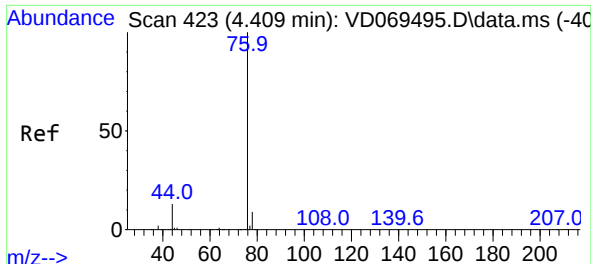


#16
Acetone
Concen: 84.433 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



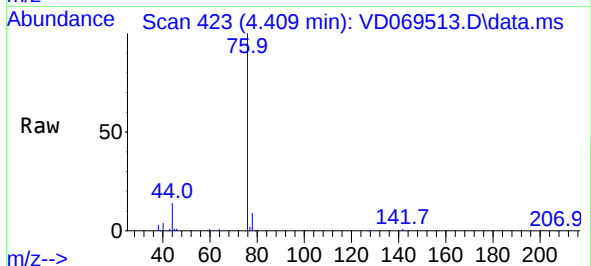
Tgt Ion: 43 Resp: 96138
Ion Ratio Lower Upper
43 100
58 36.1 26.8 40.2





#17
Carbon Disulfide
Concen: 18.998 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

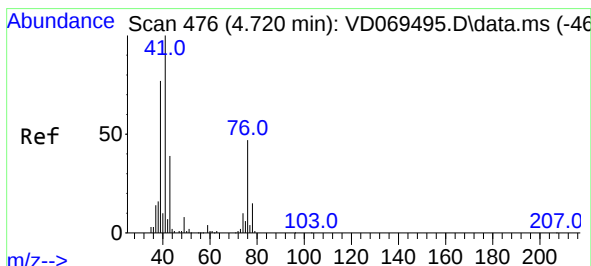
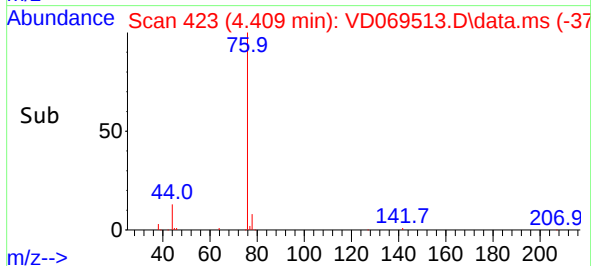
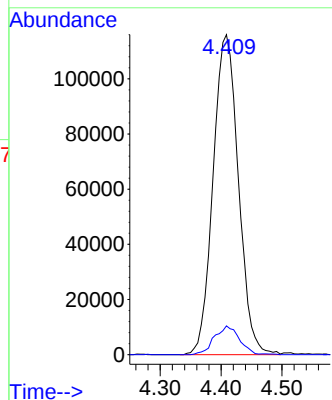
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



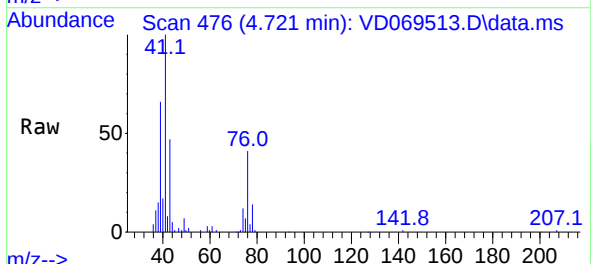
Tgt Ion: 76 Resp: 335206
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

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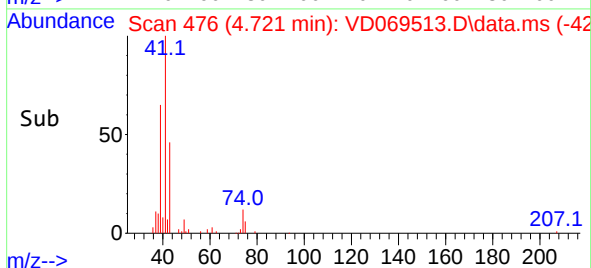
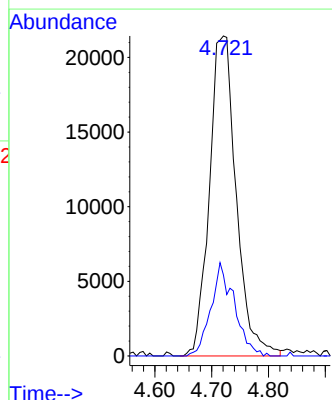
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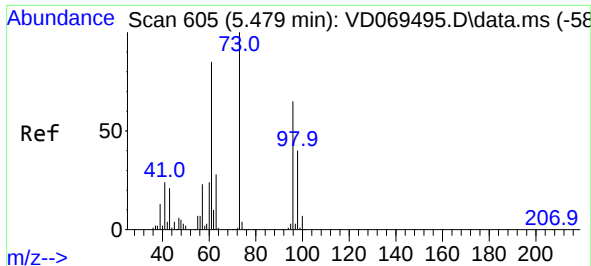


#18
Methyl Acetate
Concen: 23.432 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.001 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion: 43 Resp: 70361
Ion Ratio Lower Upper
43 100
74 25.6 21.0 31.4



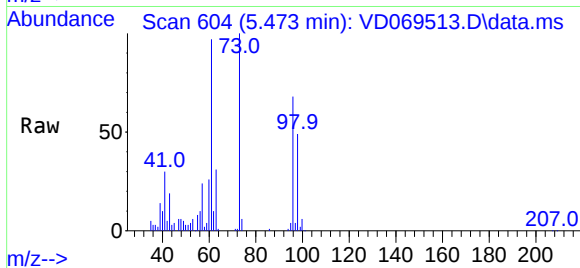


#19
Methyl tert-butyl Ether
Concen: 19.337 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

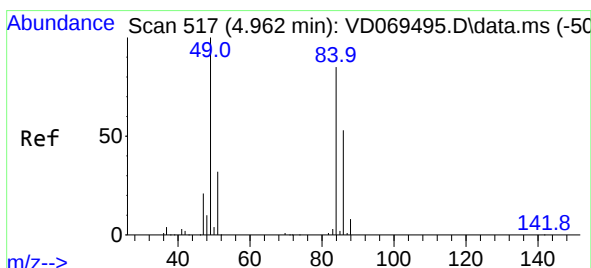
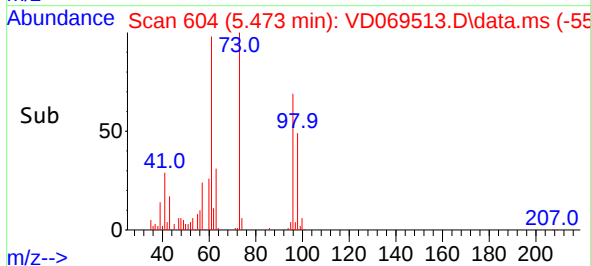
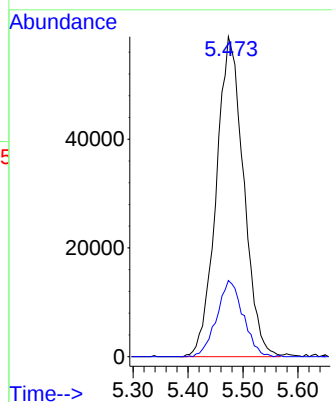
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

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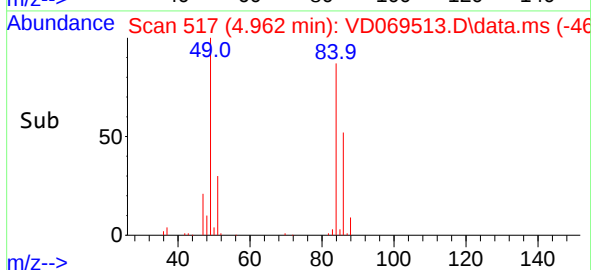
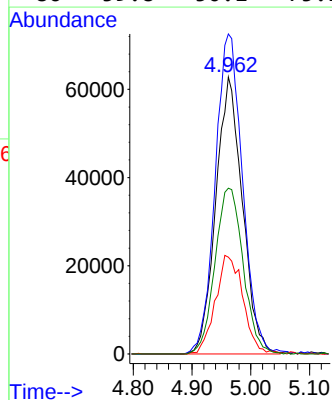
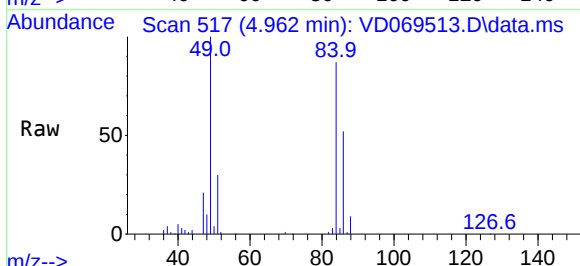


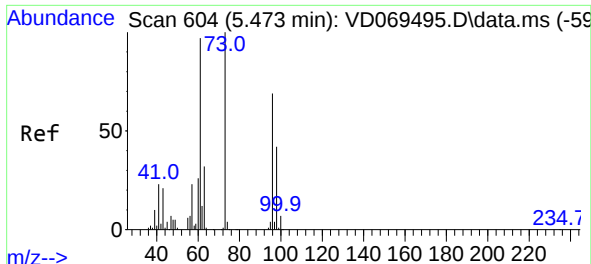
Tgt Ion: 73 Resp: 203665
Ion Ratio Lower Upper
73 100
57 23.8 18.1 27.1



#20
Methylene Chloride
Concen: 23.863 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

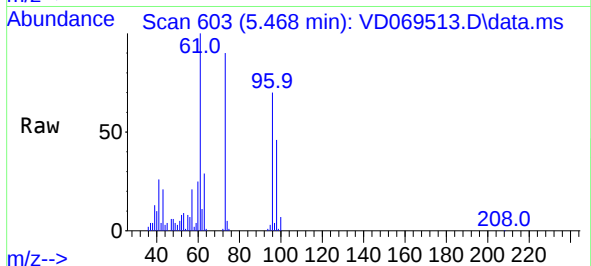
Tgt Ion: 84 Resp: 197142
Ion Ratio Lower Upper
84 100
49 115.6 94.0 141.0
51 35.0 29.7 44.5
86 59.8 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 20.024 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

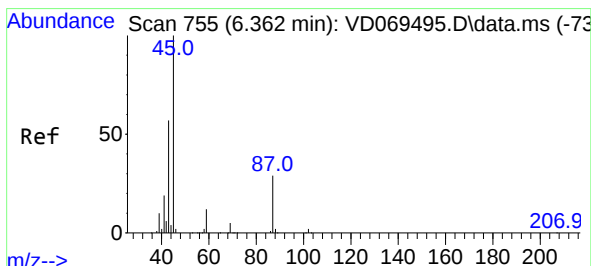
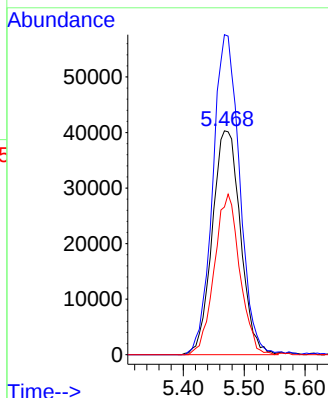
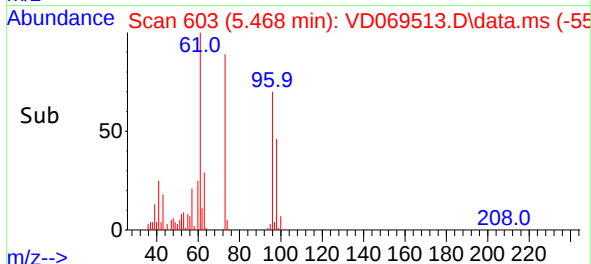
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



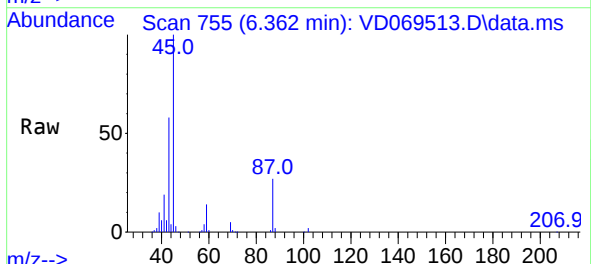
Tgt Ion: 96 Resp: 129475
Ion Ratio Lower Upper
96 100
61 143.0 111.8 167.6
98 66.0 48.5 72.7

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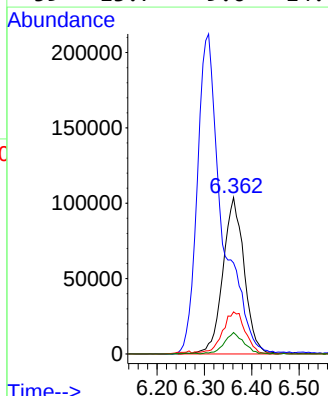
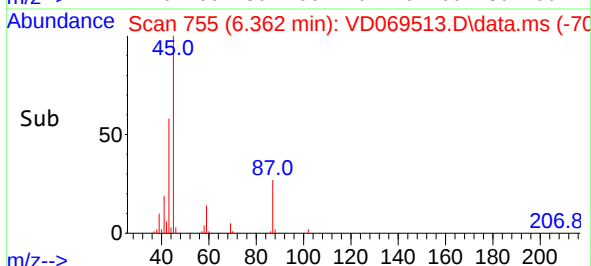
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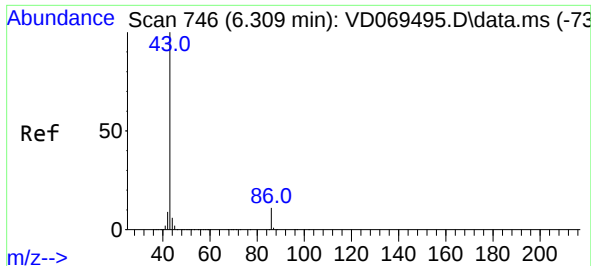


#22
Diisopropyl ether
Concen: 21.346 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion: 45 Resp: 323169
Ion Ratio Lower Upper
45 100
43 57.5 45.8 68.6
87 26.9 23.4 35.2
59 13.7 9.6 14.4





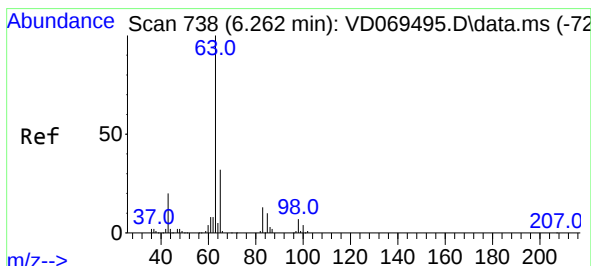
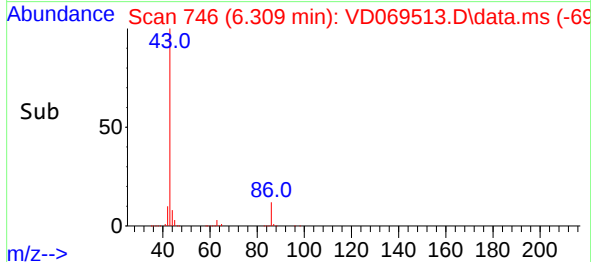
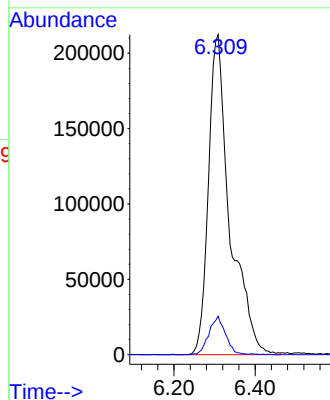
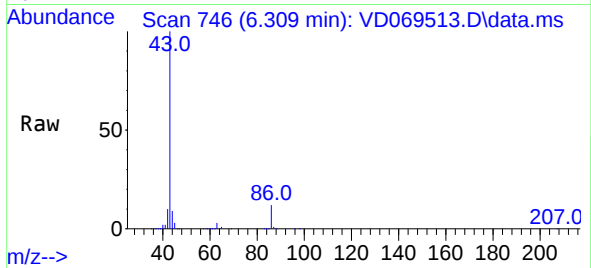
#23
 Vinyl Acetate
 Concen: 93.379 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD069513.D
 Acq: 22 Jun 2021 13:52

Tgt Ion: 43 Resp: 774974
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.1 13.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

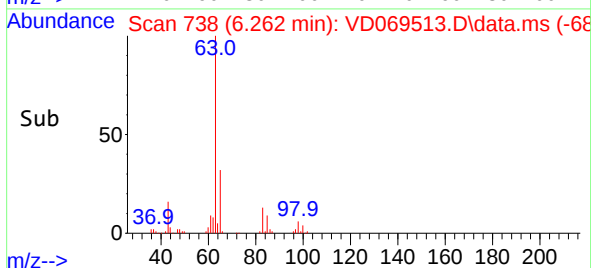
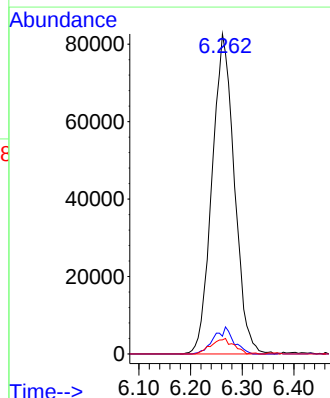
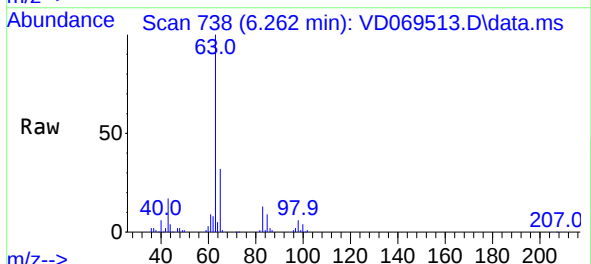
Manual Integrations
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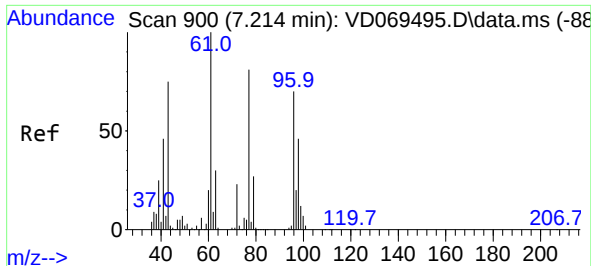
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#24
 1,1-Dichloroethane
 Concen: 20.709 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069513.D
 Acq: 22 Jun 2021 13:52

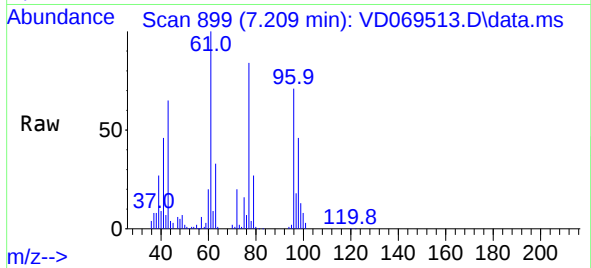
Tgt Ion: 63 Resp: 248341
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.6 10.9
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 94.583 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

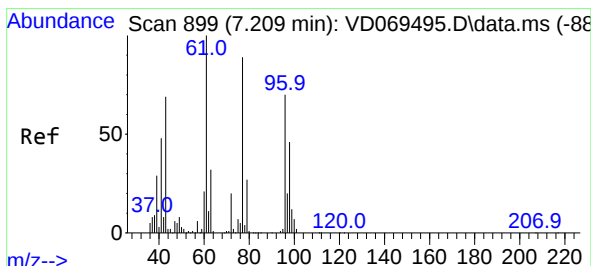
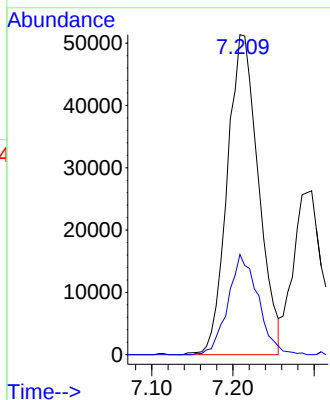
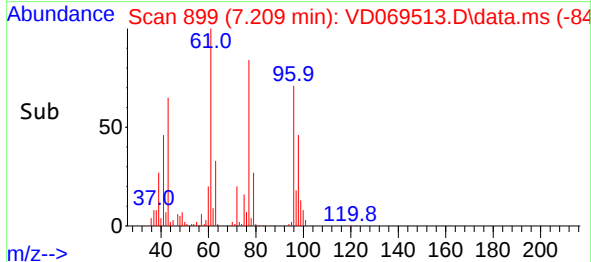
Instrument :
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ClientSampleId :
VD0622SBS01



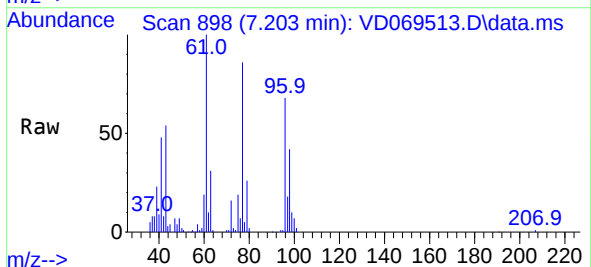
Tgt Ion: 43 Resp: 136852
Ion Ratio Lower Upper
43 100
72 31.3 24.3 36.5

Manual Integrations
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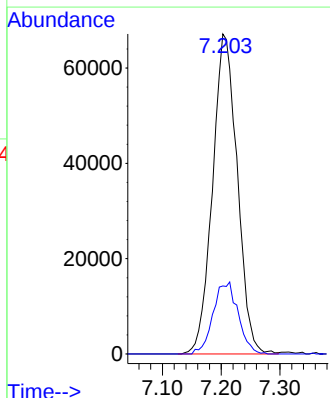
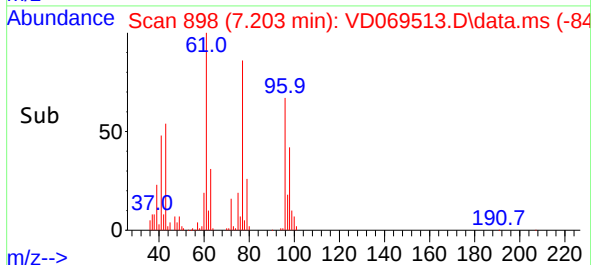
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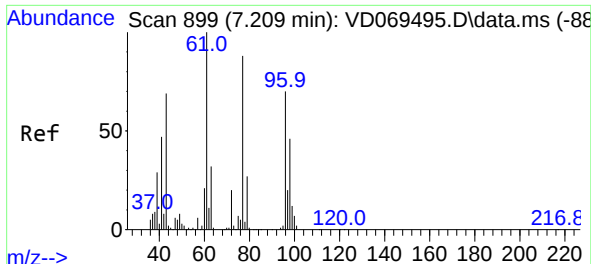


#26
2,2-Dichloropropane
Concen: 19.980 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

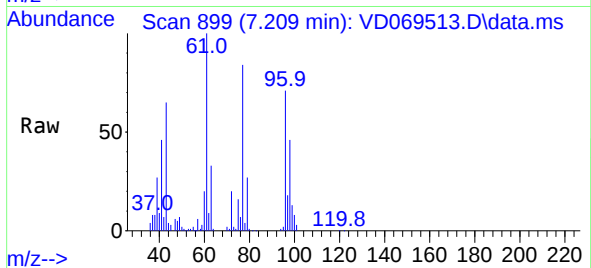


Tgt Ion: 77 Resp: 195872
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

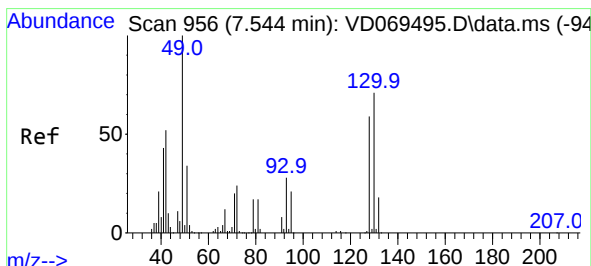
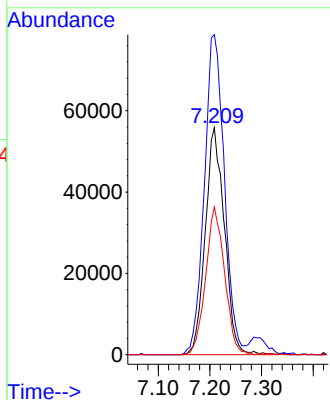
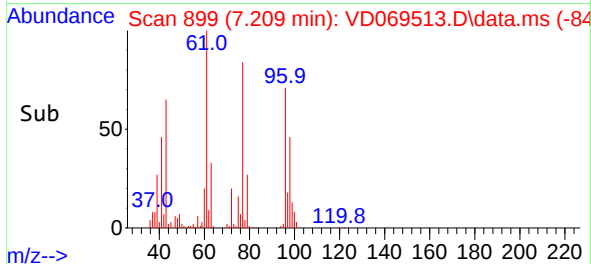




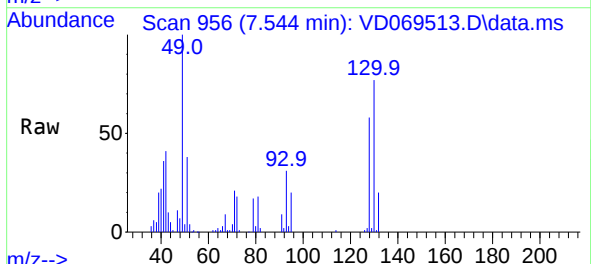
#27
cis-1,2-Dichloroethene
Concen: 20.509 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



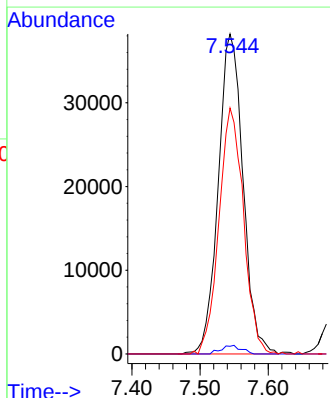
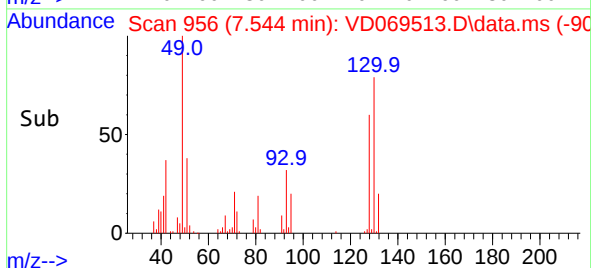
Tgt Ion: 96 Resp: 144090
Ion Ratio Lower Upper
96 100
61 146.9 0.0 290.8
98 64.2 0.0 131.8



#28
Bromochloromethane
Concen: 20.531 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



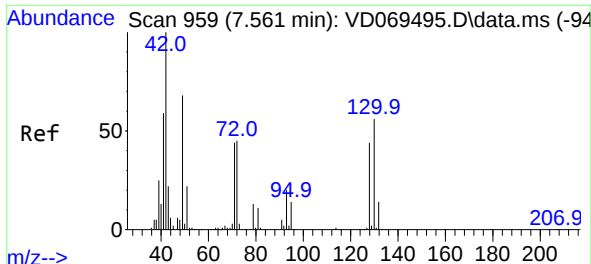
Tgt Ion: 49 Resp: 96428
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.8
130 76.3 60.6 90.8



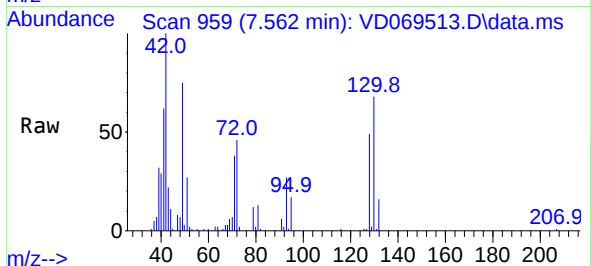
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Manual Integrations
APPROVED

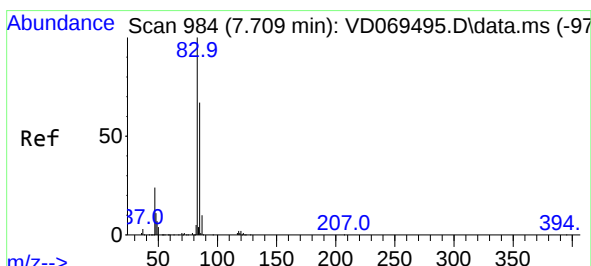
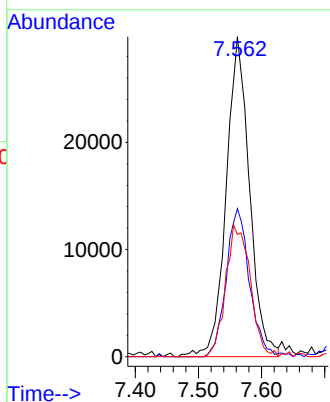
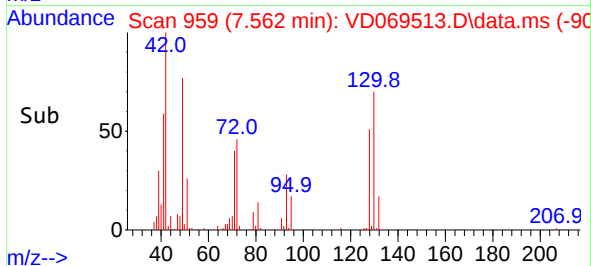
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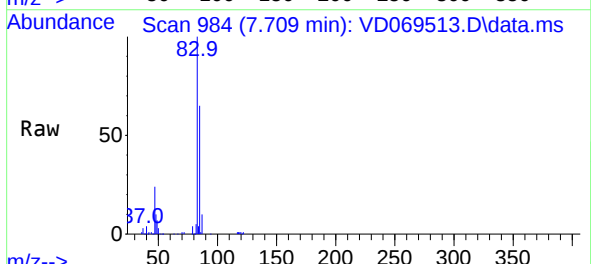
#29
Tetrahydrofuran
Concen: 96.532 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



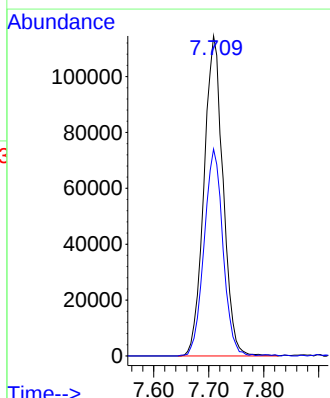
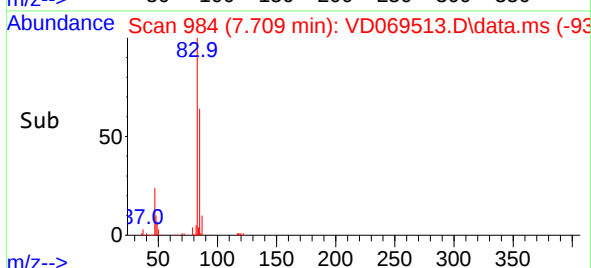
Tgt Ion: 42 Resp: 76574
Ion Ratio Lower Upper
42 100
72 46.0 37.9 56.9
71 43.3 35.1 52.7



#30
Chloroform
Concen: 21.785 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



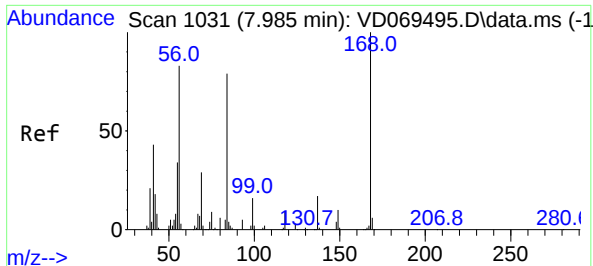
Tgt Ion: 83 Resp: 276152
Ion Ratio Lower Upper
83 100
85 64.6 53.9 80.9



Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

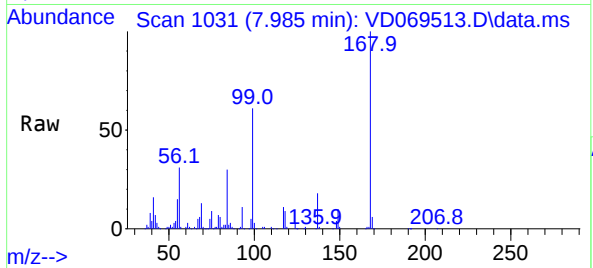
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#31
Cyclohexane
Concen: 18.416 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

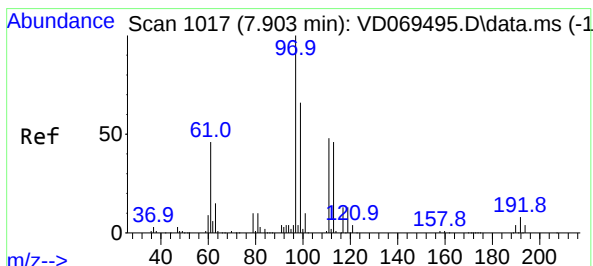
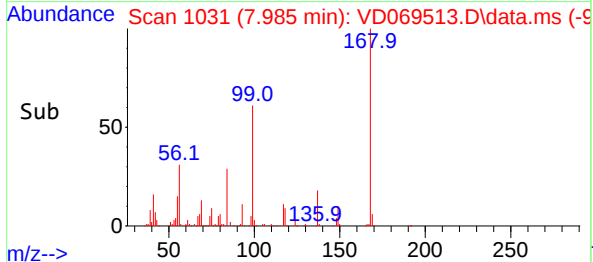
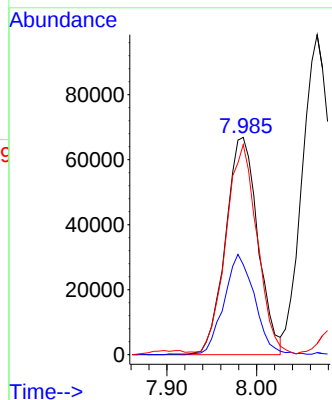


Tgt Ion: 56 Resp: 167741

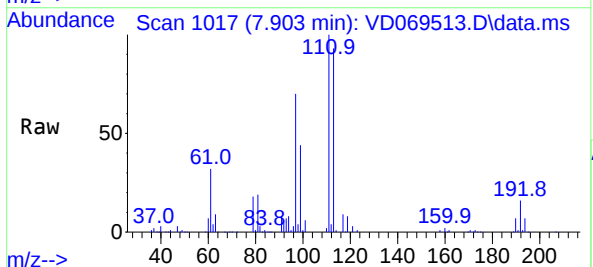
Ion	Ratio	Lower	Upper
56	100		
69	41.2	28.0	42.0
84	94.8	75.7	113.5

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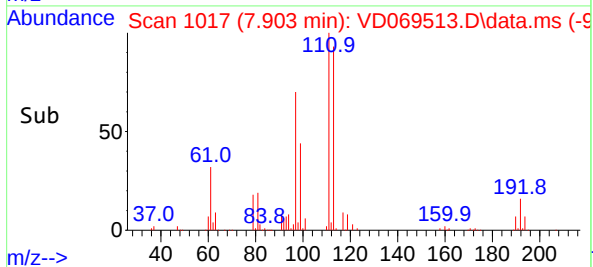
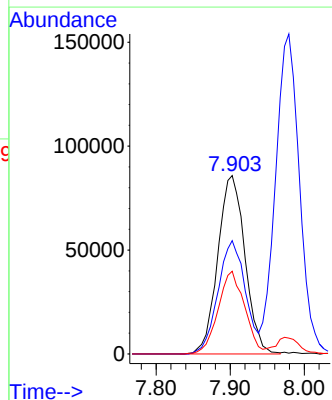


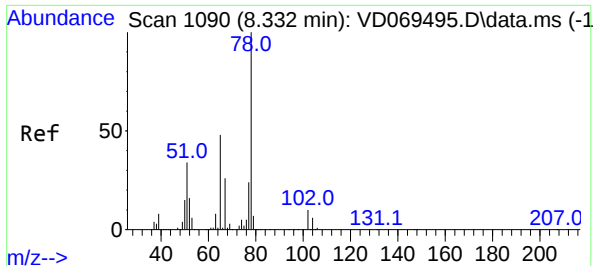
#32
1,1,1-Trichloroethane
Concen: 20.908 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



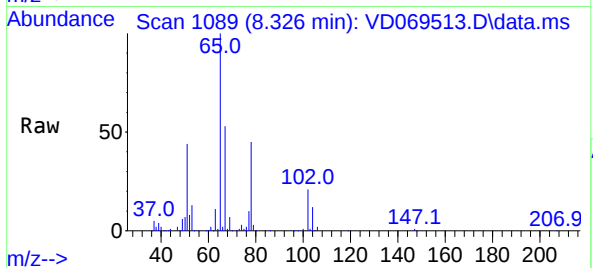
Tgt Ion: 97 Resp: 218413

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.6	78.8
61	45.2	37.0	55.4

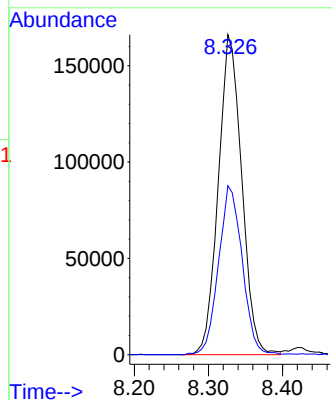
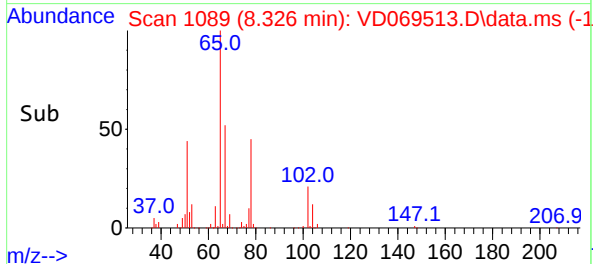




#33
1,2-Dichloroethane-d4
Concen: 53.904 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



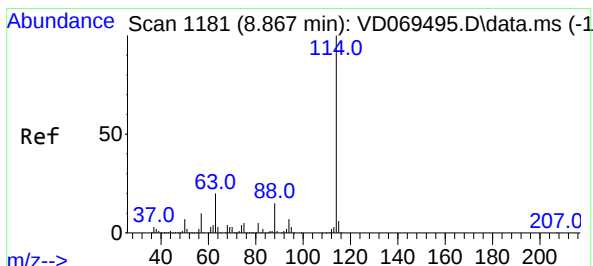
Tgt Ion: 65 Resp: 364656
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



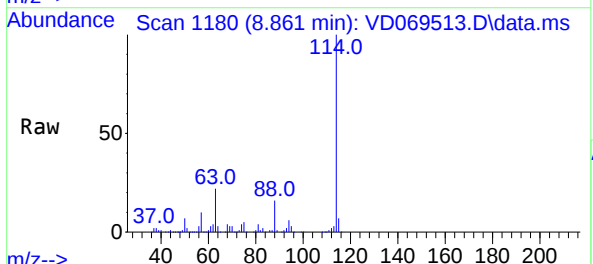
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Manual Integrations
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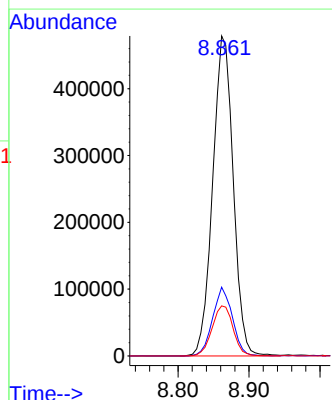
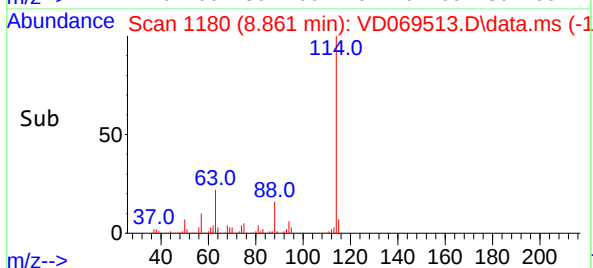
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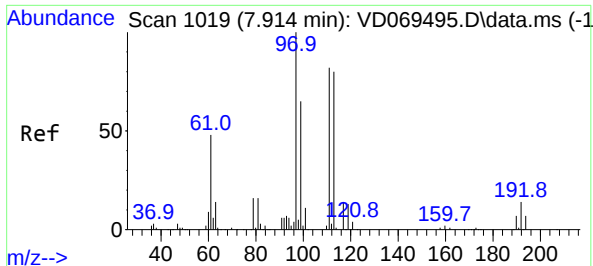


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

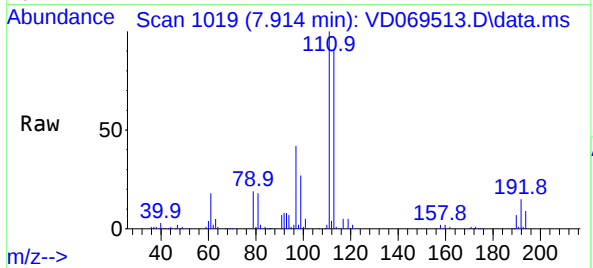


Tgt Ion: 114 Resp: 960140
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.6
88 15.6 0.0 29.8

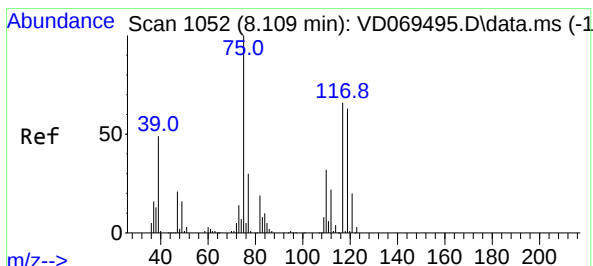
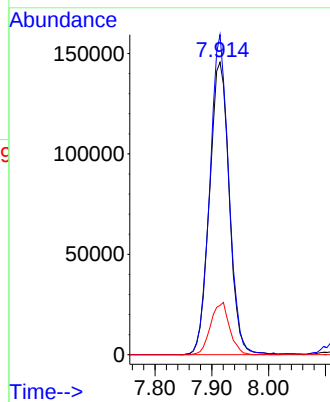
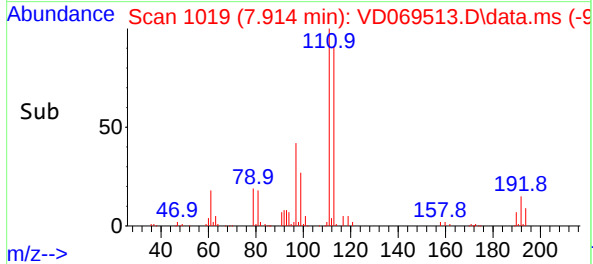




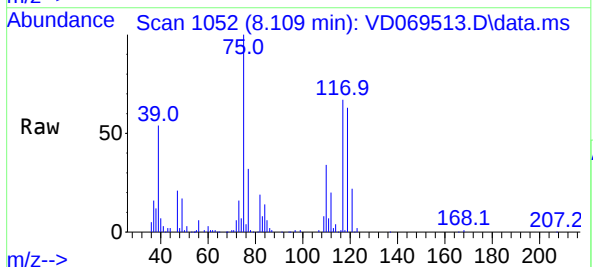
#35
Dibromofluoromethane
Concen: 54.235 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



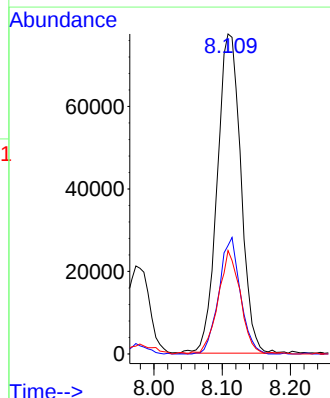
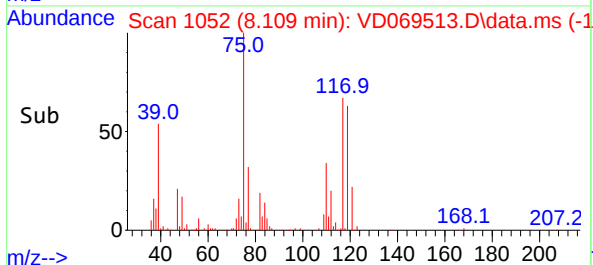
Tgt Ion:113 Resp: 352007
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.8
192 17.0 13.8 20.6



#36
1,1-Dichloropropene
Concen: 19.849 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



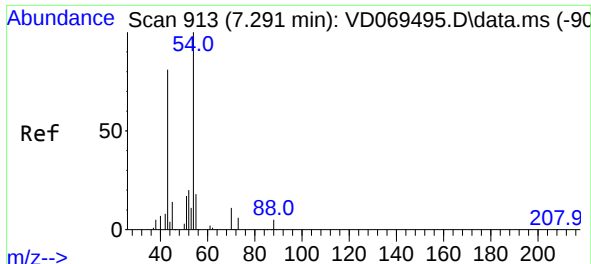
Tgt Ion: 75 Resp: 187038
Ion Ratio Lower Upper
75 100
110 33.2 16.8 50.4
77 30.3 24.3 36.5



Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

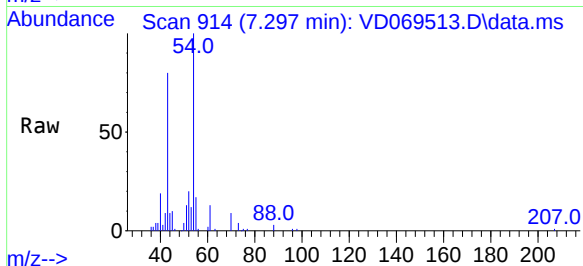
Manual Integrations
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#37
Ethyl Acetate
Concen: 19.333 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

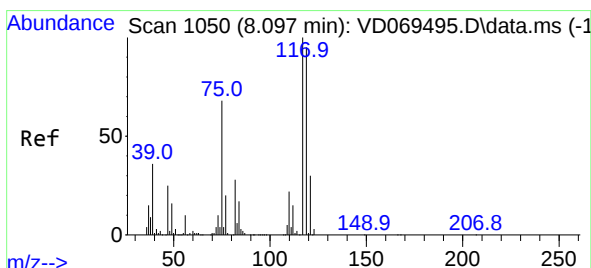
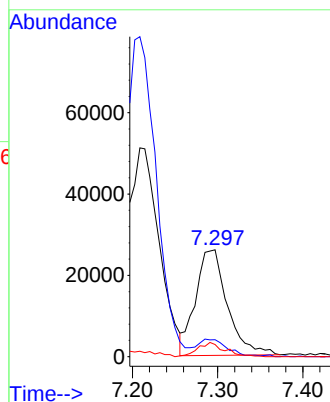
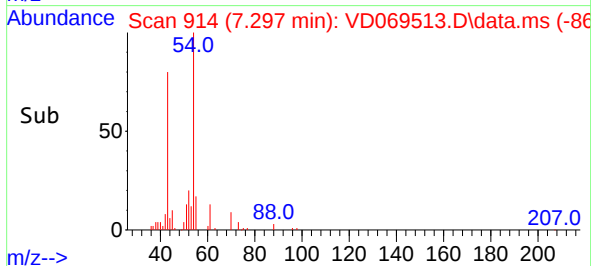
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



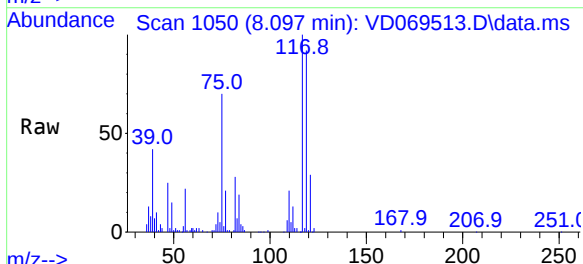
Tgt Ion: 43 Resp: 67606
Ion Ratio Lower Upper
43 100
61 15.8 11.4 17.0
70 11.4 9.5 14.3

Manual Integrations
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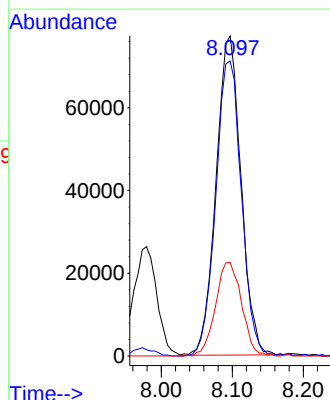
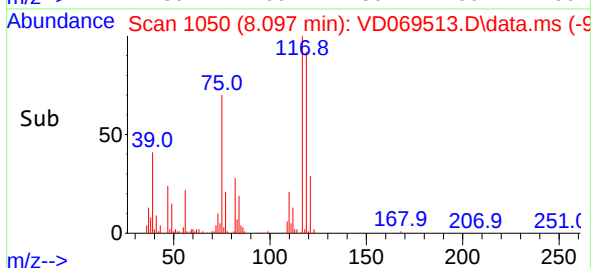
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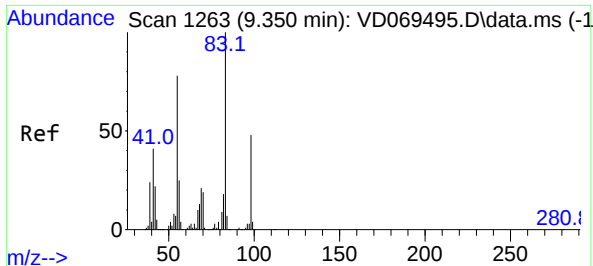


#38
Carbon Tetrachloride
Concen: 20.160 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



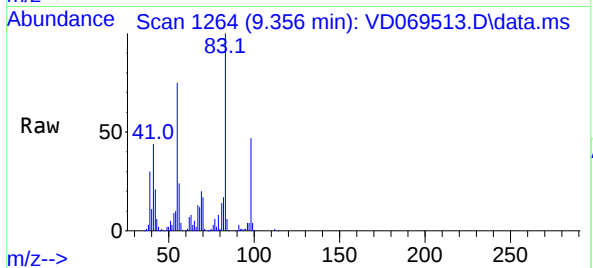
Tgt Ion: 117 Resp: 188016
Ion Ratio Lower Upper
117 100
119 92.5 75.6 113.4
121 29.4 23.8 35.8





#39
Methylcyclohexane
Concen: 17.619 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

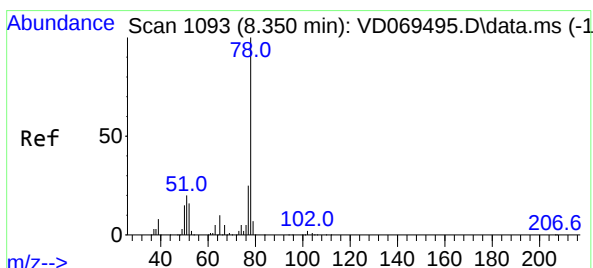
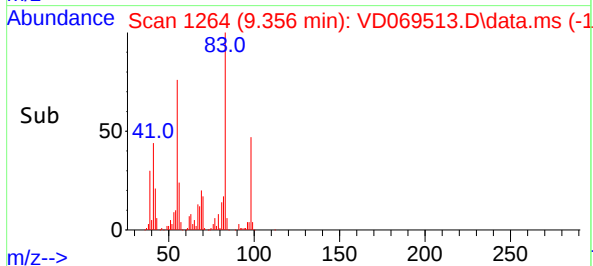
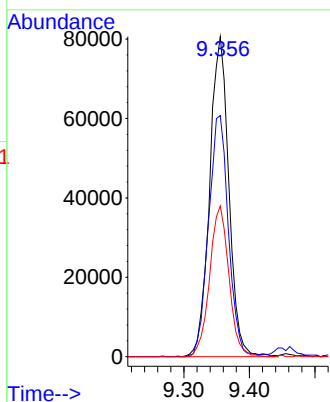


Tgt Ion: 83 Resp: 163772

Ion	Ratio	Lower	Upper
83	100		
55	75.2	62.6	93.8
98	47.1	38.7	58.1

Manual Integrations
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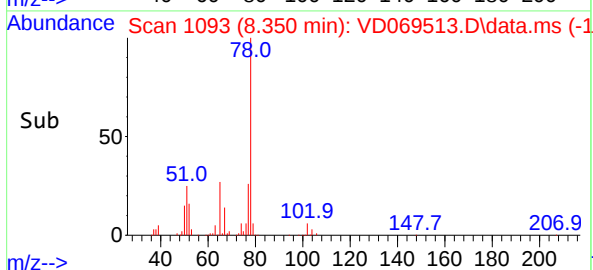
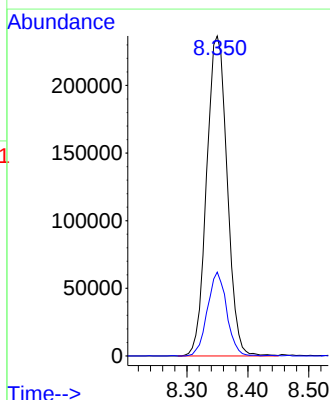
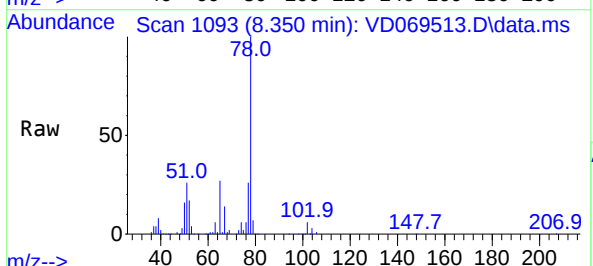
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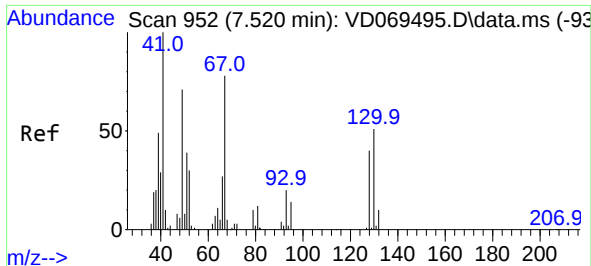


#40
Benzene
Concen: 20.398 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 78 Resp: 554133

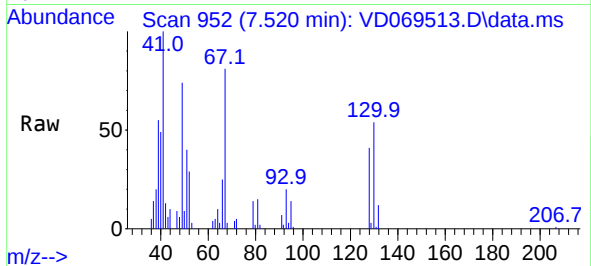
Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.7	29.5





#41
Methacrylonitrile
Concen: 15.974 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

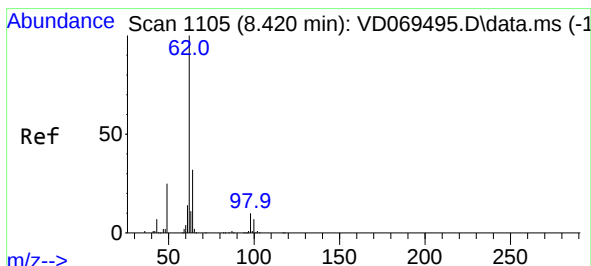
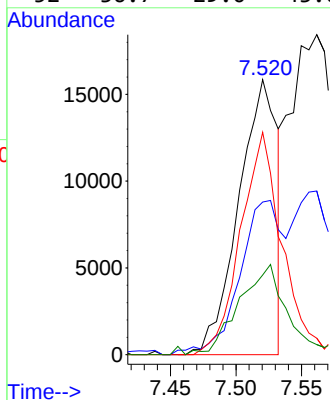
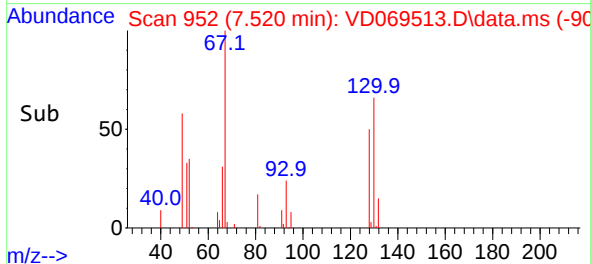
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



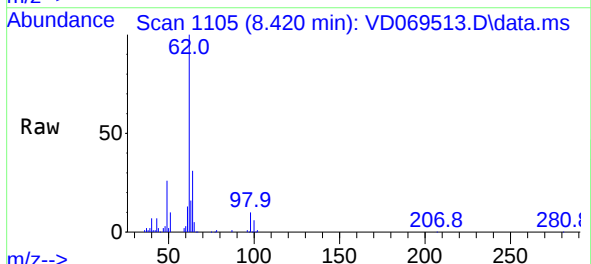
Tgt Ion: 41 Resp: 32506
Ion Ratio Lower Upper
41 100
39 63.2 41.7 62.5#
67 88.4 71.8 107.6
52 36.7 29.0 43.6

Manual Integrations
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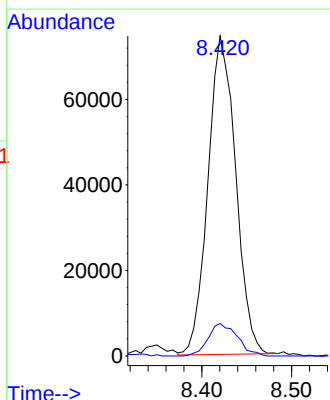
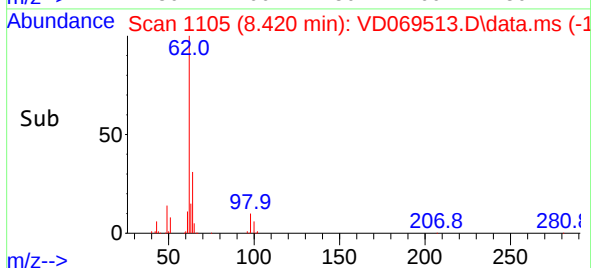
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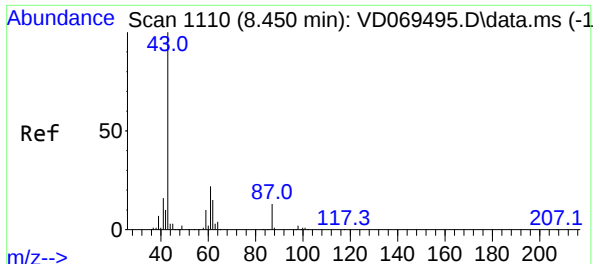


#42
1,2-Dichloroethane
Concen: 20.274 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

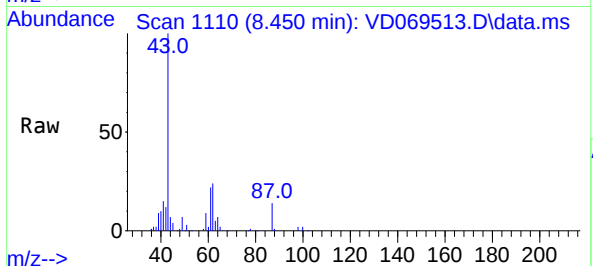


Tgt Ion: 62 Resp: 160016
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.6

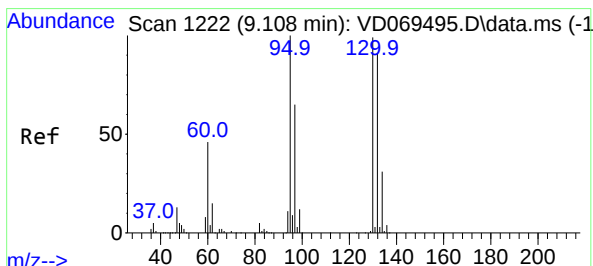
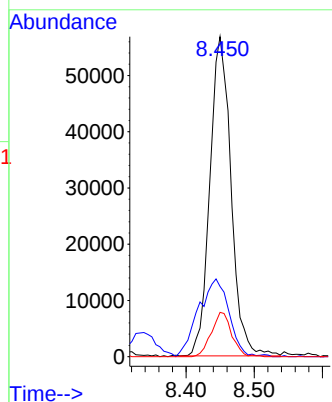
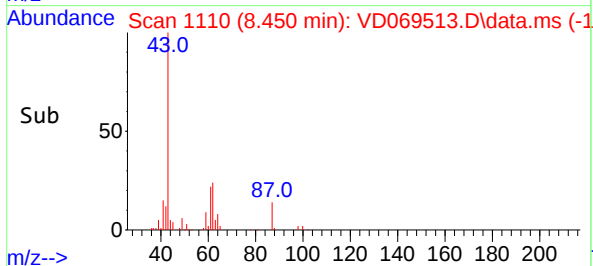




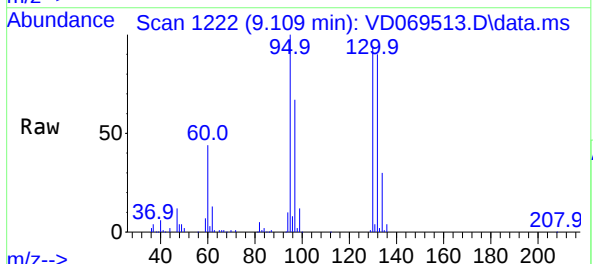
#43
Isopropyl Acetate
Concen: 19.327 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



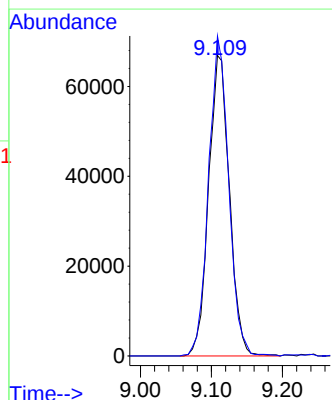
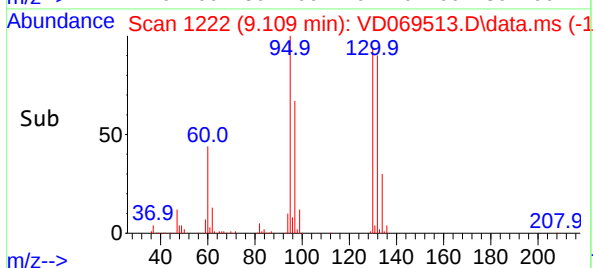
Tgt Ion: 43 Resp: 122778
Ion Ratio Lower Upper
43 100
61 34.9 28.2 42.2
87 13.4 11.4 17.0



#44
Trichloroethene
Concen: 19.824 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



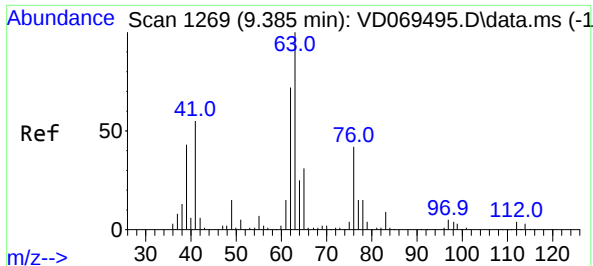
Tgt Ion:130 Resp: 135893
Ion Ratio Lower Upper
130 100
95 106.5 0.0 202.2



Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

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#45

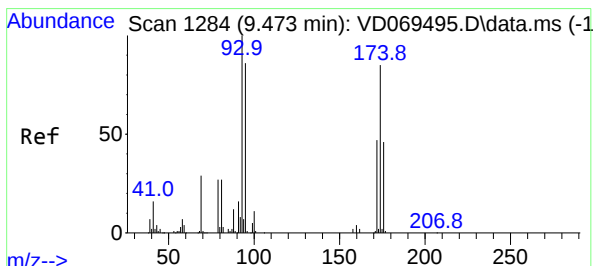
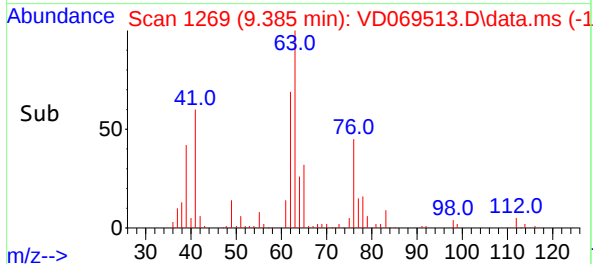
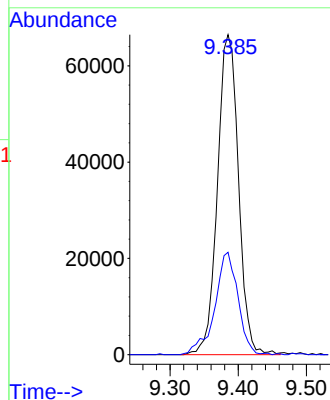
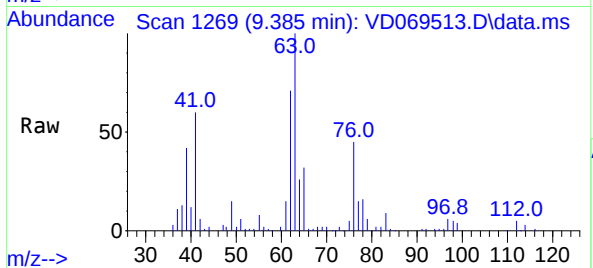
1,2-Dichloropropane
Concen: 20.472 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 63 Resp: 142763
Ion Ratio Lower Upper
63 100
65 32.0 24.7 37.1

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Manual Integrations
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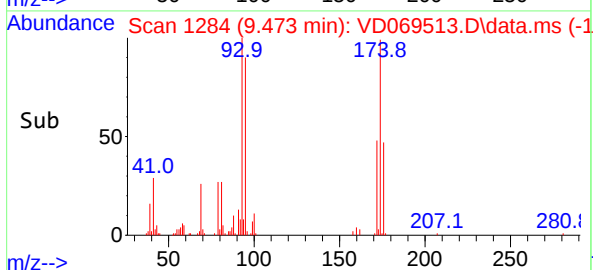
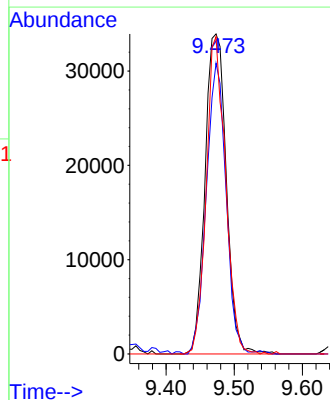
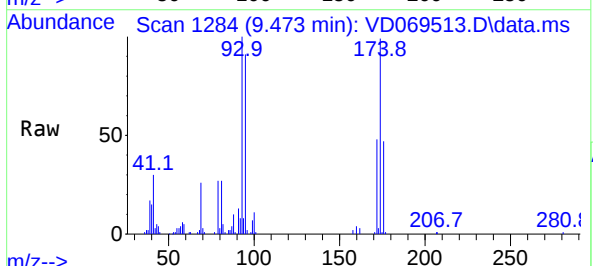
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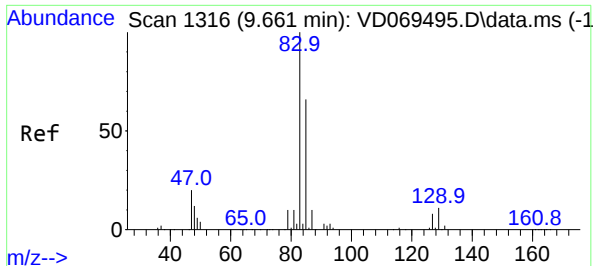


#46

Dibromomethane
Concen: 20.137 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

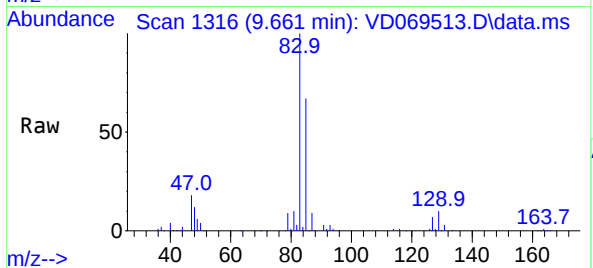
Tgt Ion: 93 Resp: 73544
Ion Ratio Lower Upper
93 100
95 83.9 68.3 102.5
174 89.8 69.7 104.5





#47
Bromodichloromethane
Concen: 21.359 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

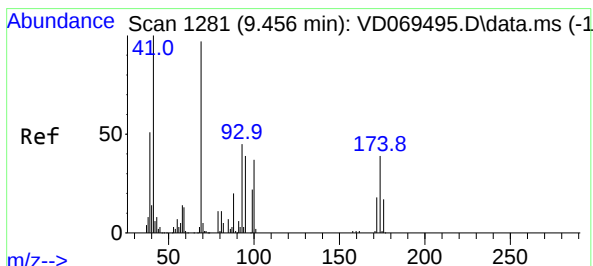
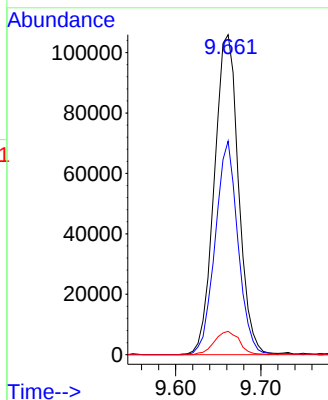
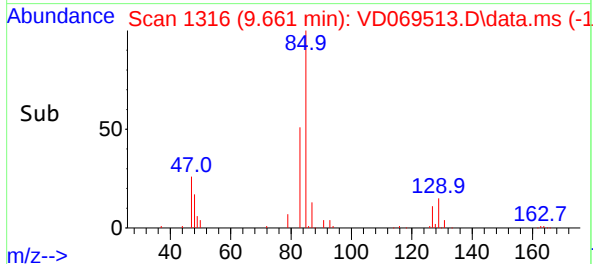
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



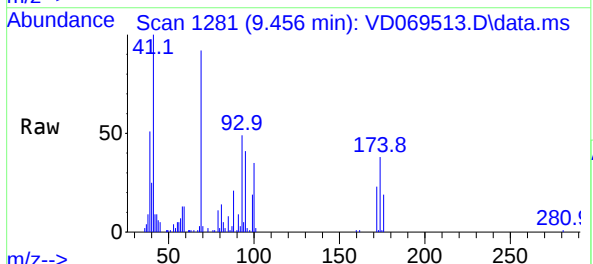
Tgt Ion: 83 Resp: 209474
Ion Ratio Lower Upper
83 100
85 66.8 52.4 78.6
127 7.3 6.6 10.0

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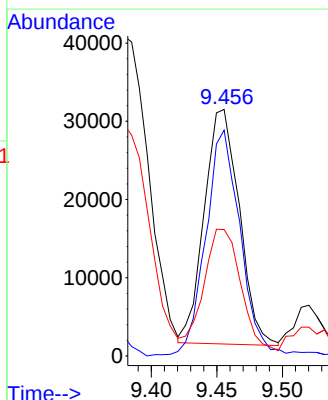
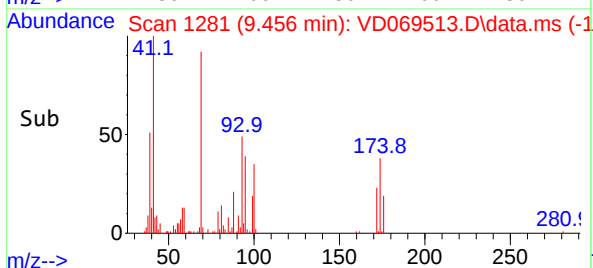
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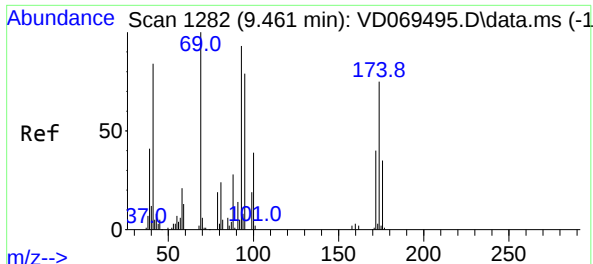


#48
Methyl methacrylate
Concen: 18.469 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion: 41 Resp: 55737
Ion Ratio Lower Upper
41 100
69 93.4 80.9 121.3
39 60.0 45.8 68.6





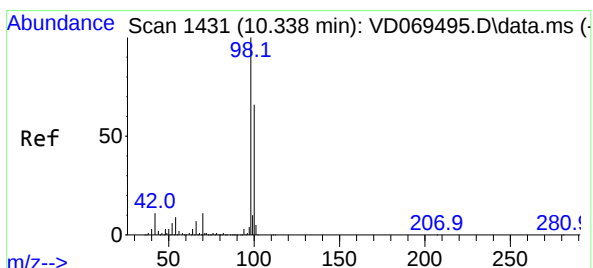
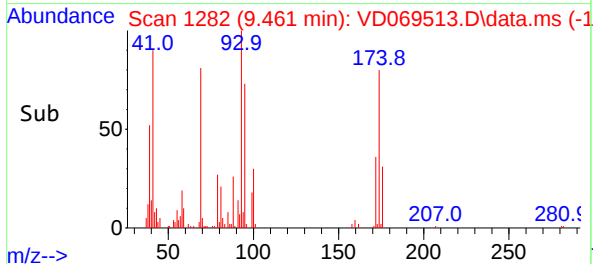
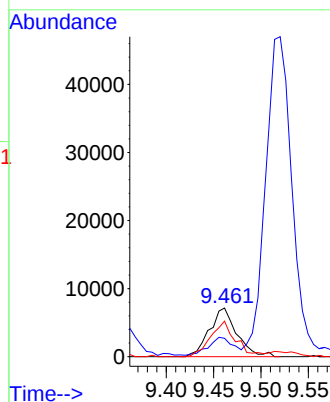
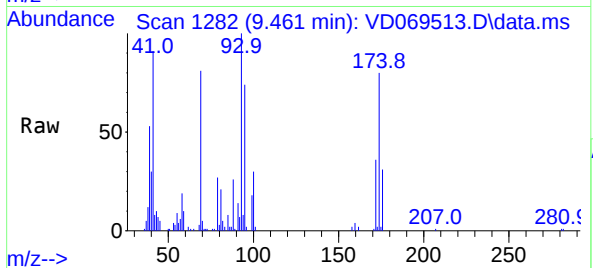
#49
1,4-Dioxane
Concen: 397.386 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 88 Resp: 14297
Ion Ratio Lower Upper
88 100
43 32.7 26.5 39.7
58 67.5 56.0 84.0

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

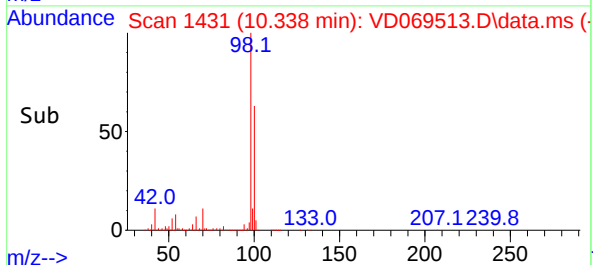
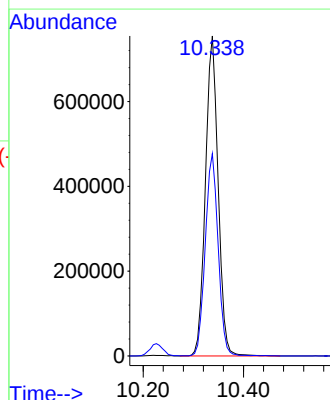
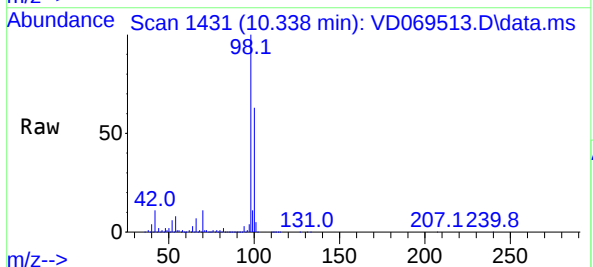
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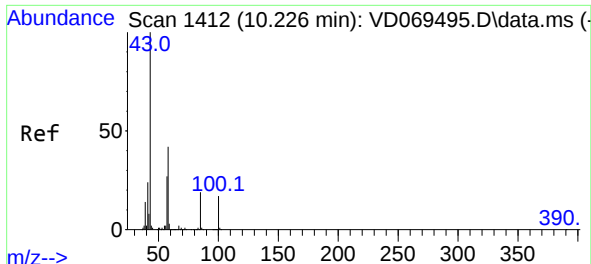
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#50
Toluene-d8
Concen: 54.597 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 98 Resp: 1329165
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5





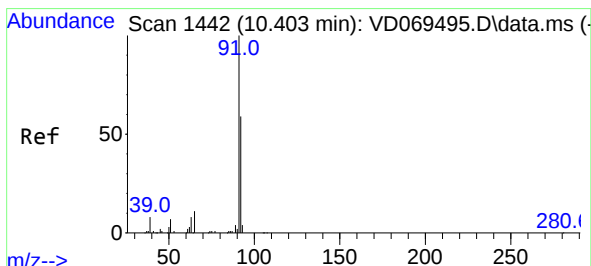
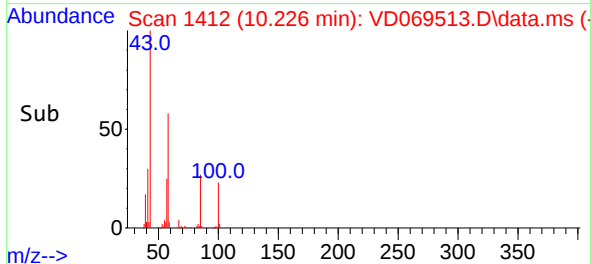
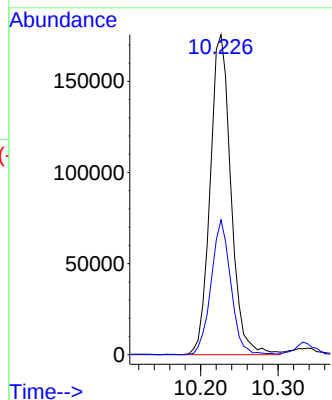
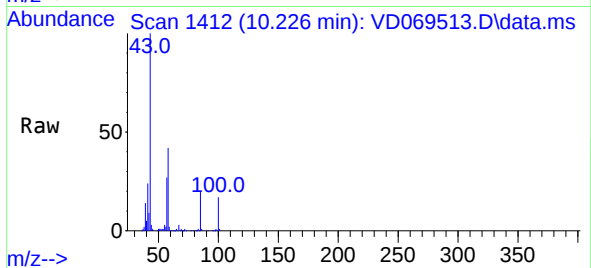
#51
4-Methyl-2-Pentanone
Concen: 97.892 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 43 Resp: 327024
Ion Ratio Lower Upper
43 100
58 40.0 33.6 50.4

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

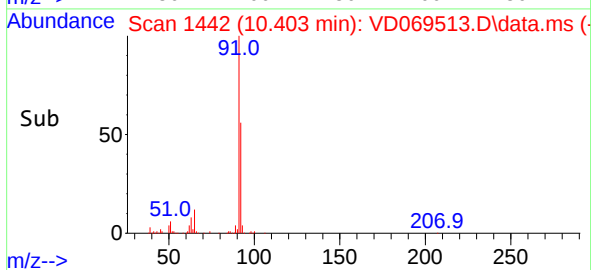
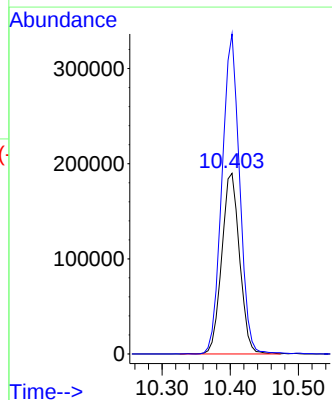
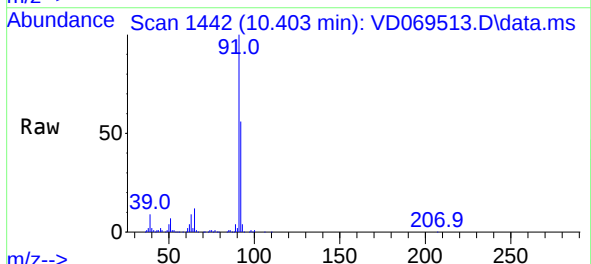
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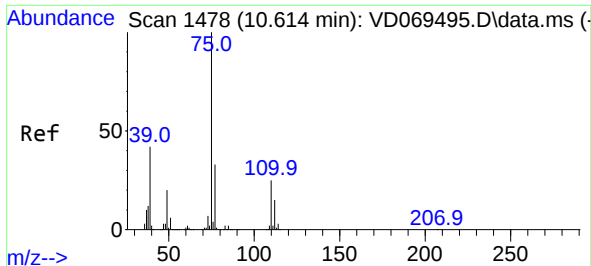
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#52
Toluene
Concen: 20.639 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 92 Resp: 345981
Ion Ratio Lower Upper
92 100
91 174.8 138.9 208.3





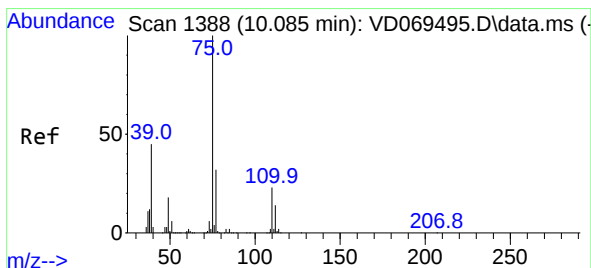
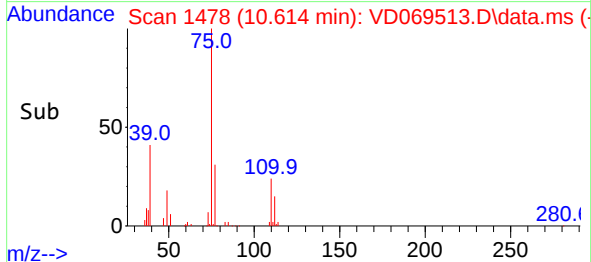
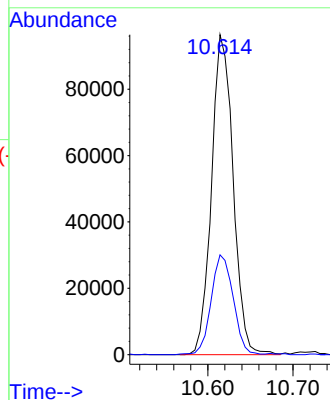
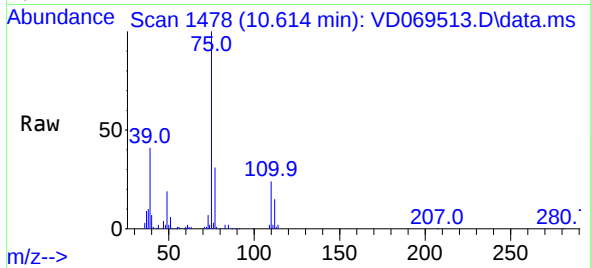
#53
t-1,3-Dichloropropene
Concen: 20.052 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 75 Resp: 170035
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8

Instrument :
MSVOA_D
ClientSampleId :
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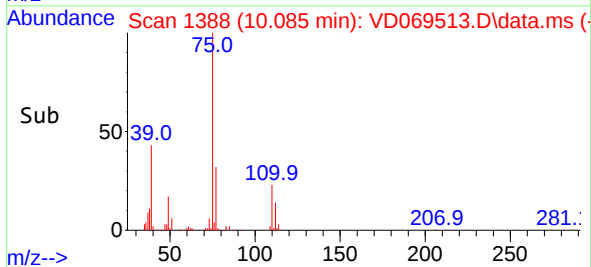
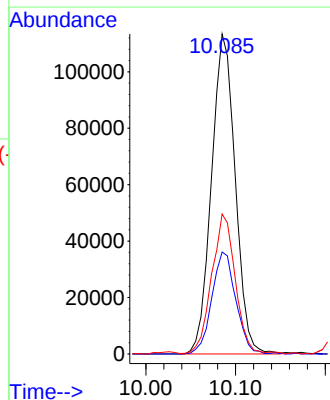
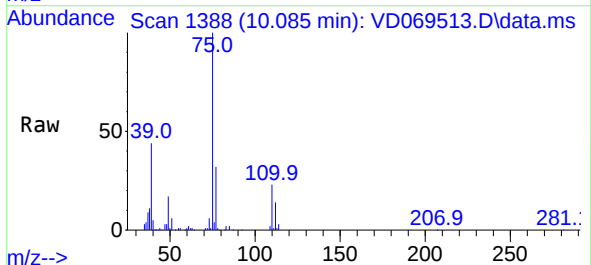
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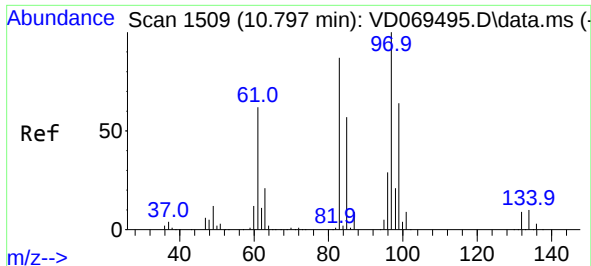
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#54
cis-1,3-Dichloropropene
Concen: 20.410 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 75 Resp: 208124
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 43.6 35.8 53.8





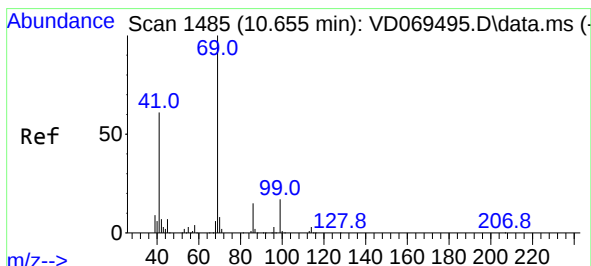
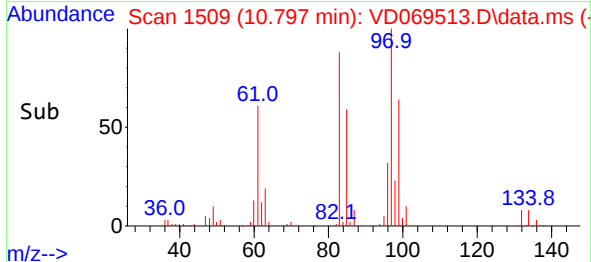
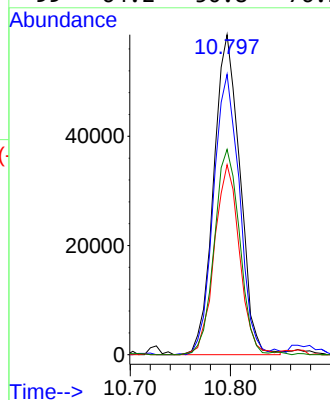
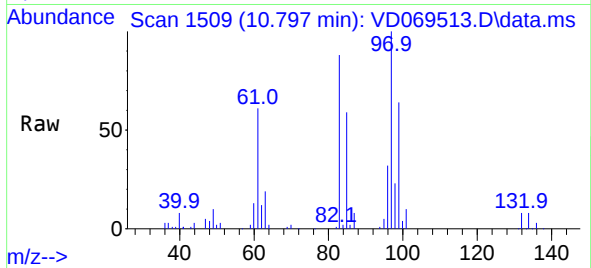
#55
1,1,2-Trichloroethane
Concen: 20.660 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:	97	Resp:	106551
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.6	104.4
85	59.3	45.8	68.8
99	64.2	50.8	76.2

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

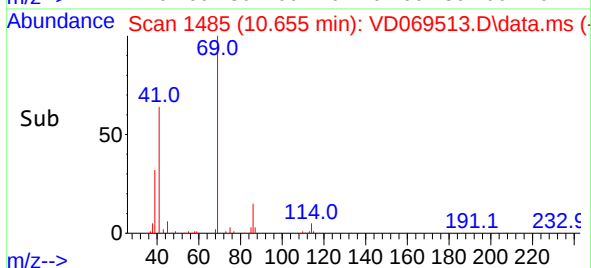
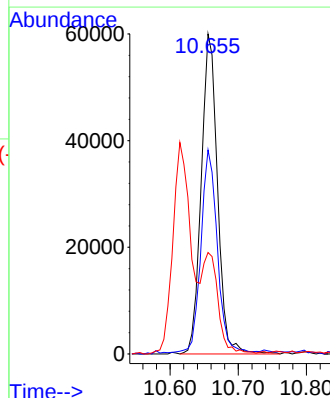
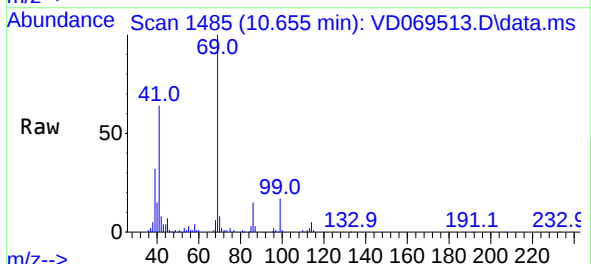
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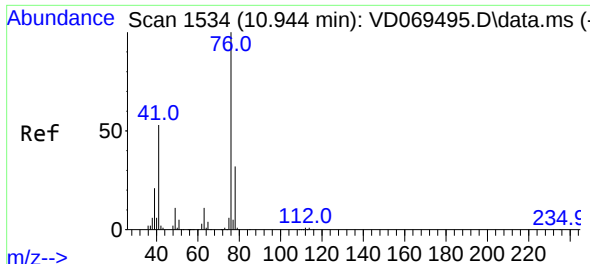
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#56
Ethyl methacrylate
Concen: 18.183 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

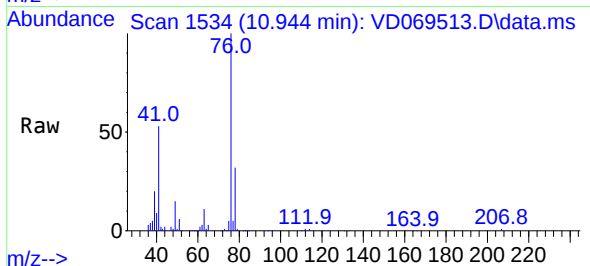
Tgt Ion:	69	Resp:	99746
Ion	Ratio	Lower	Upper
69	100		
41	63.4	49.4	74.0
39	28.7	26.9	40.3





#57
1,3-Dichloropropane
Concen: 20.962 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

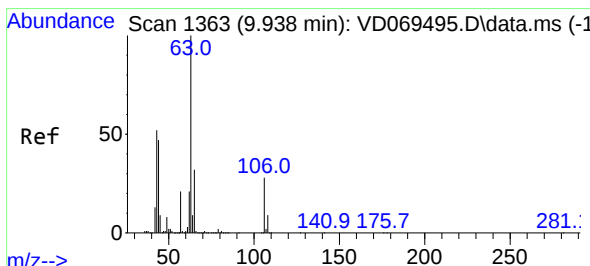
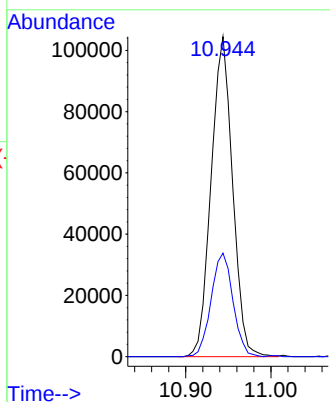
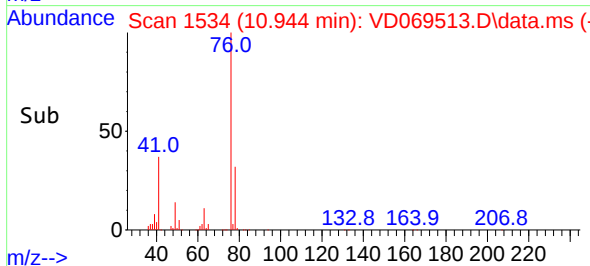
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



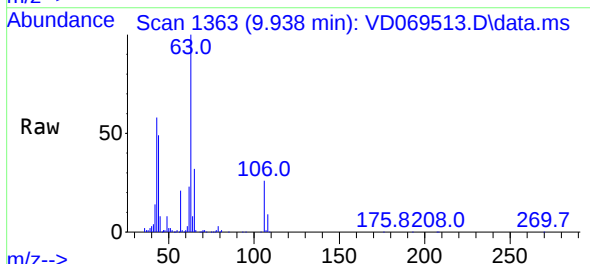
Tgt Ion: 76 Resp: 182667
Ion Ratio Lower Upper
76 100
78 33.0 26.3 39.5

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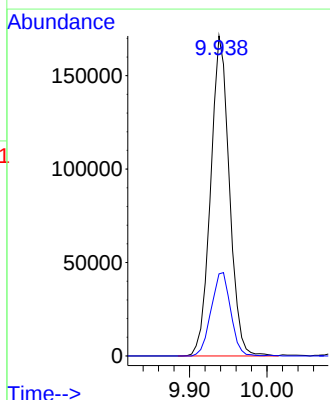
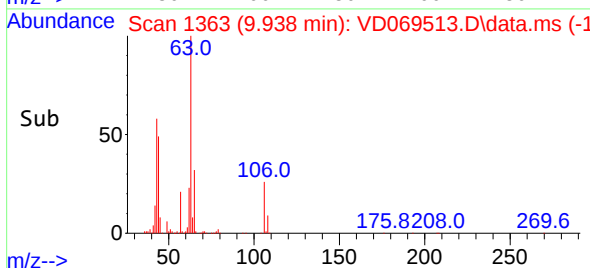
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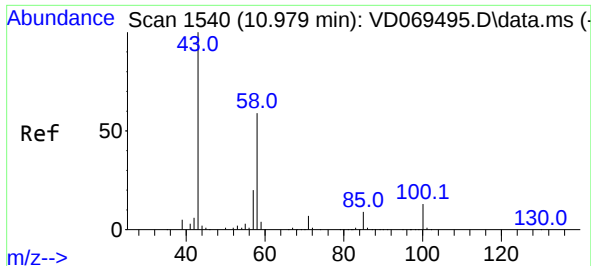


#58
2-Chloroethyl Vinyl ether
Concen: 97.362 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion: 63 Resp: 287455
Ion Ratio Lower Upper
63 100
106 27.1 22.2 33.2





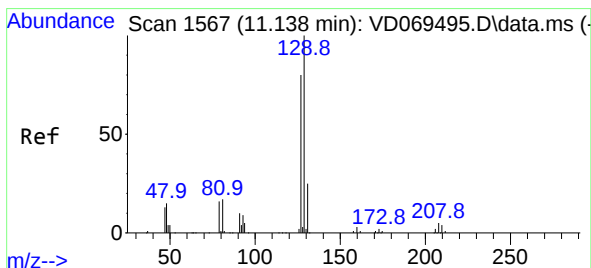
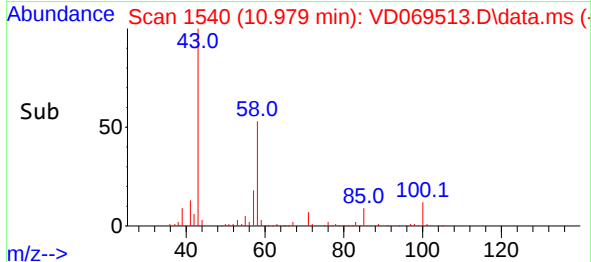
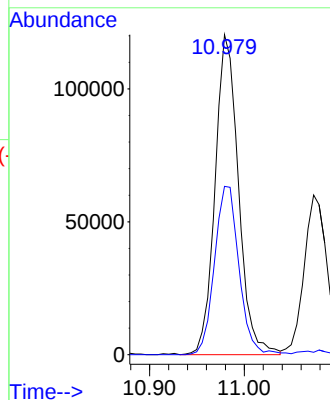
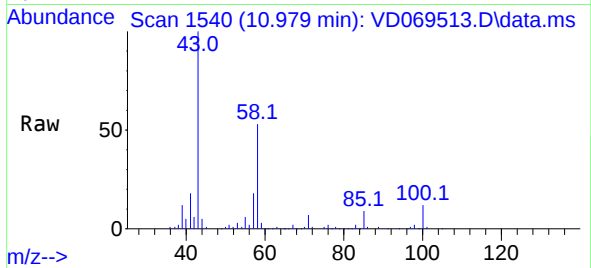
#59
2-Hexanone
Concen: 91.672 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 43 Resp: 206659
Ion Ratio Lower Upper
43 100
58 55.1 28.7 86.3

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

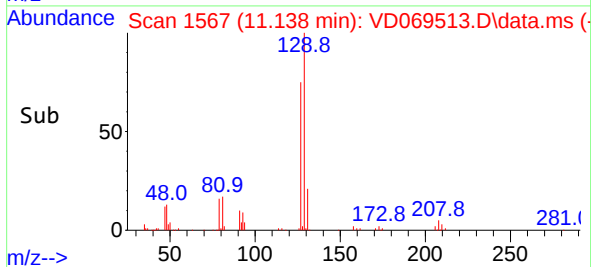
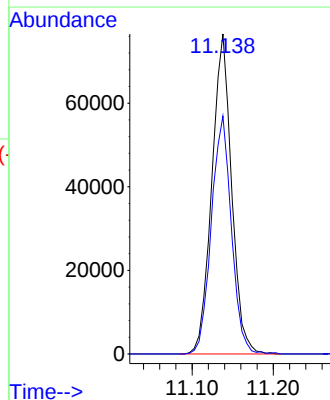
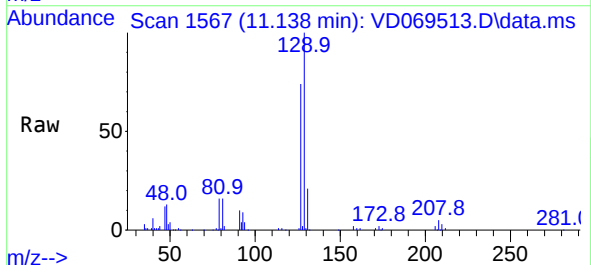
Manual Integrations
APPROVED

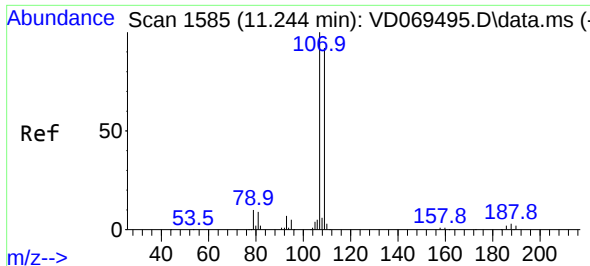
MMDadoda
6/23/2021 5:31:10 PM



#60
Dibromochloromethane
Concen: 21.293 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

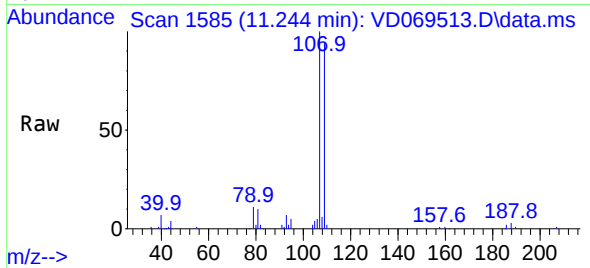
Tgt Ion: 129 Resp: 129433
Ion Ratio Lower Upper
129 100
127 75.3 39.0 116.9





#61
1,2-Dibromoethane
Concen: 21.041 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

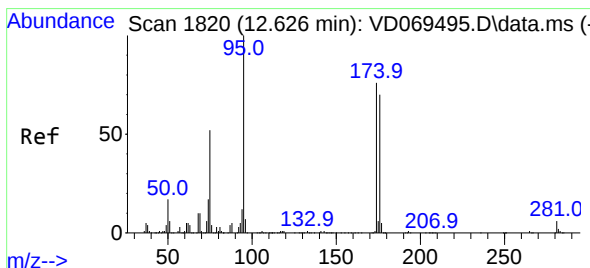
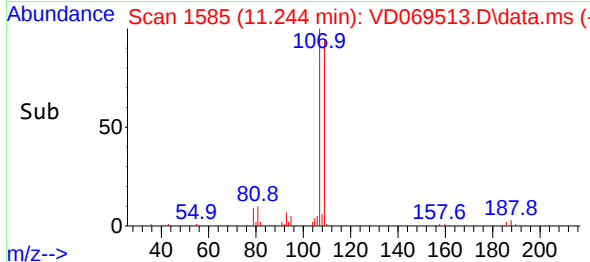
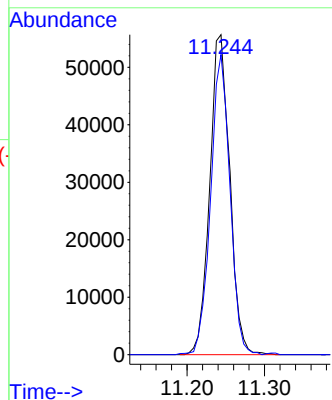
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



Tgt Ion:107 Resp: 100059
Ion Ratio Lower Upper
107 100
109 90.4 73.8 110.6

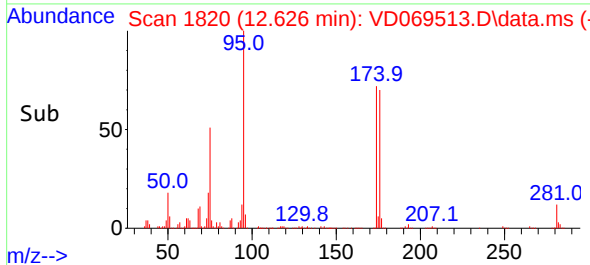
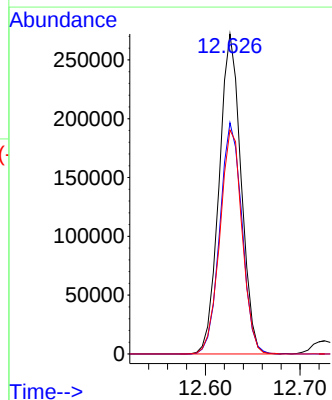
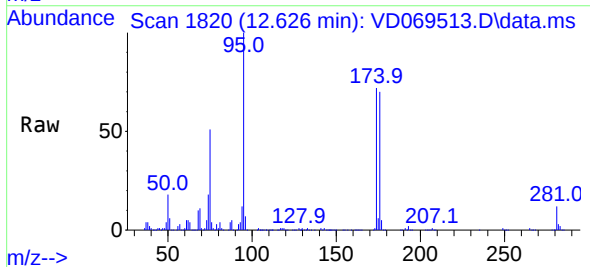
Manual Integrations
APPROVED

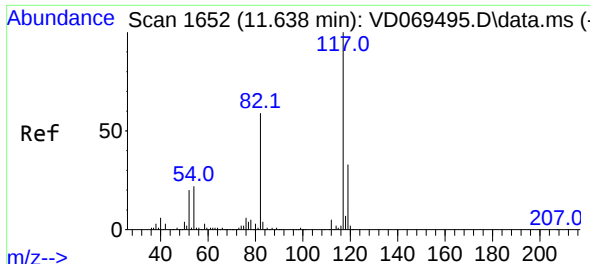
MMDadoda
6/23/2021 5:31:10 PM



#62
4-Bromofluorobenzene
Concen: 54.601 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

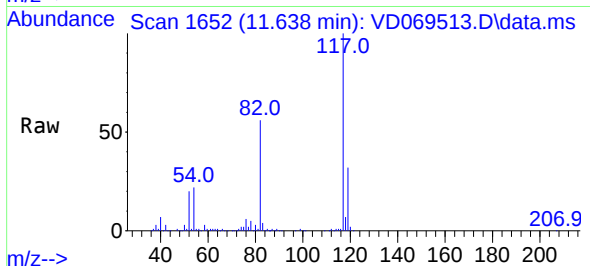
Tgt Ion: 95 Resp: 437004
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.0
176 71.0 0.0 139.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

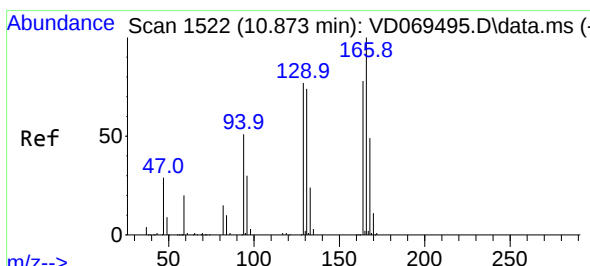
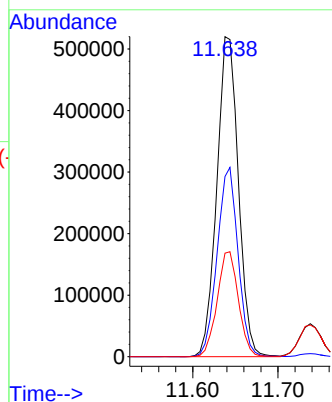
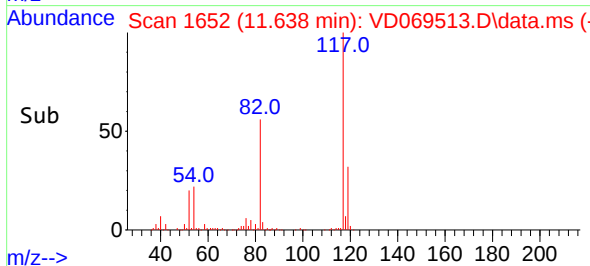
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



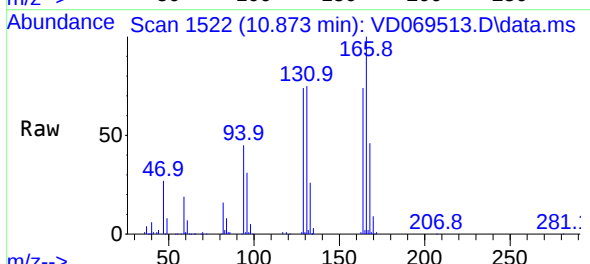
Tgt Ion:117 Resp: 916674
Ion Ratio Lower Upper
117 100
82 56.3 46.8 70.2
119 32.4 26.2 39.2

Manual Integrations
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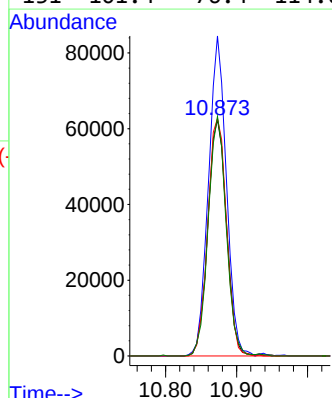
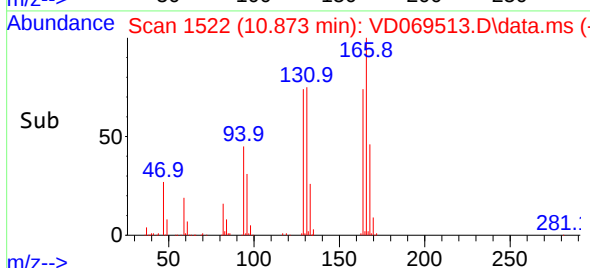
MMDadoda
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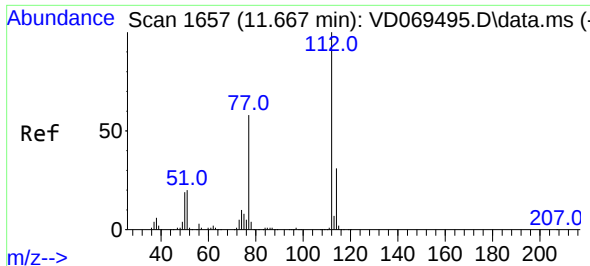


#64
Tetrachloroethene
Concen: 19.905 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



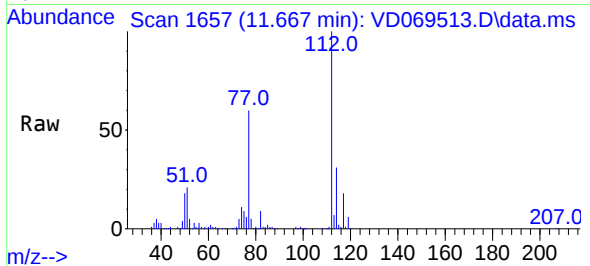
Tgt Ion:164 Resp: 114587
Ion Ratio Lower Upper
164 100
166 135.4 102.6 153.8
129 100.5 79.1 118.7
131 101.4 76.4 114.6





#65
Chlorobenzene
Concen: 20.040 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

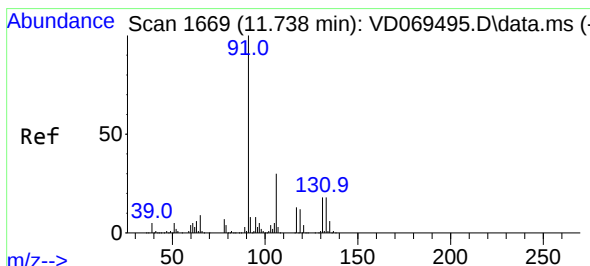
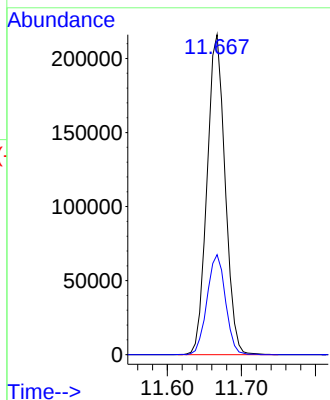
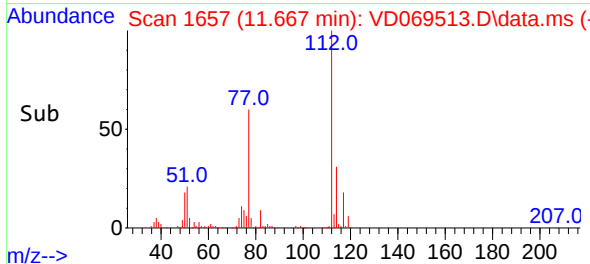
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



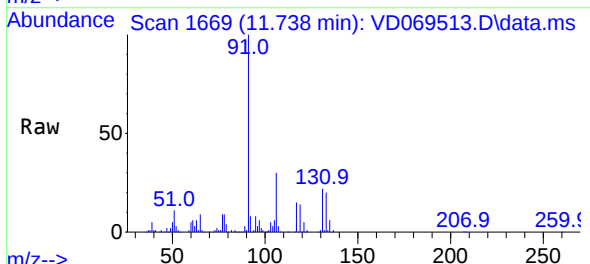
Tgt Ion:112 Resp: 365368
Ion Ratio Lower Upper
112 100
114 31.2 24.6 37.0

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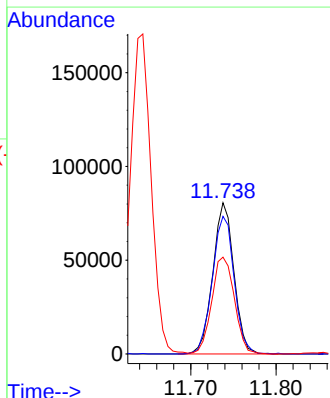
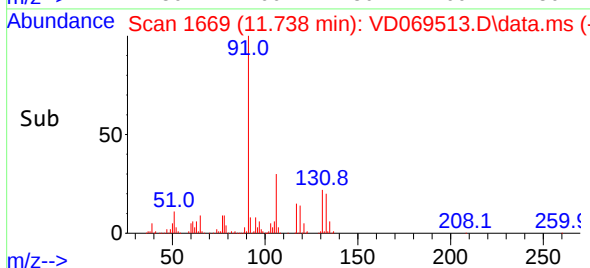
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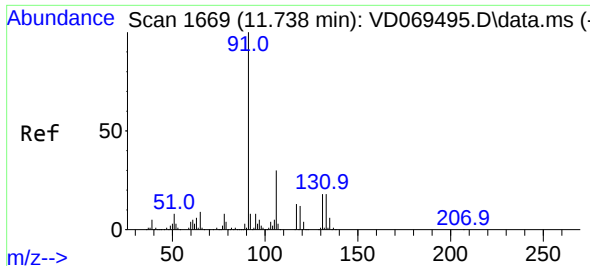


#66
1,1,1,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion:131 Resp: 138320
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.3
119 68.9 33.4 100.2





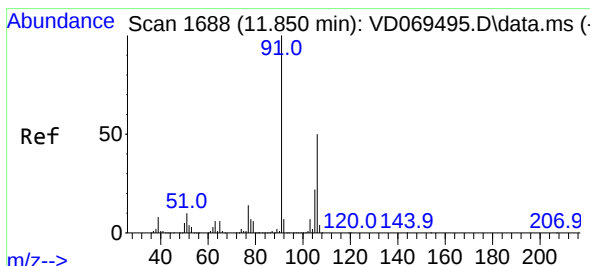
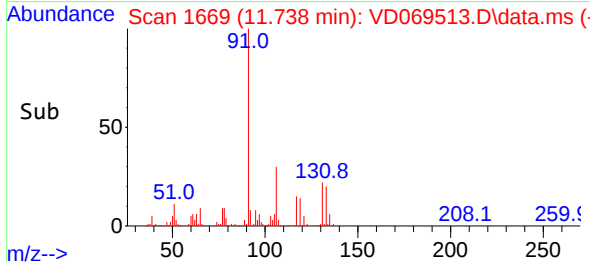
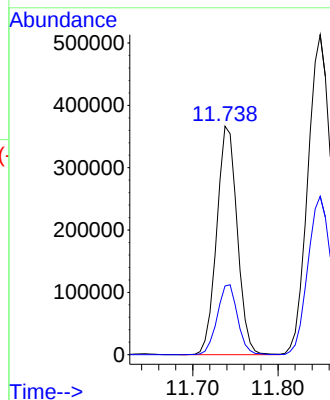
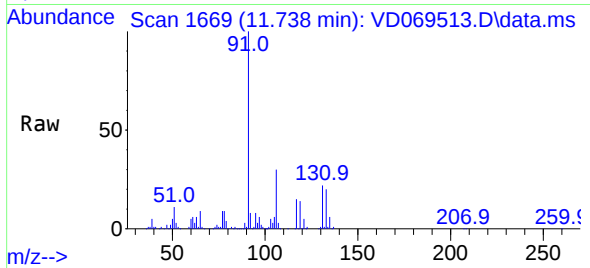
#67
Ethyl Benzene
Concen: 19.248 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 91 Resp: 613030
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

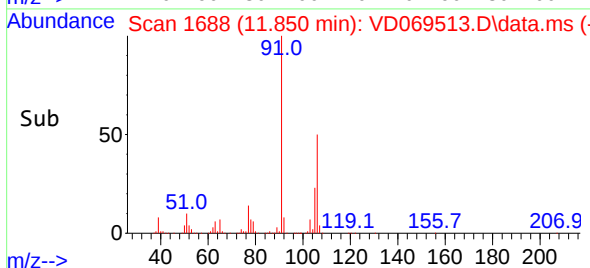
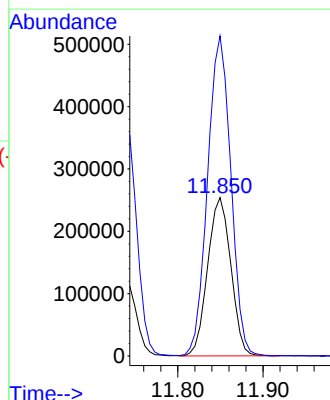
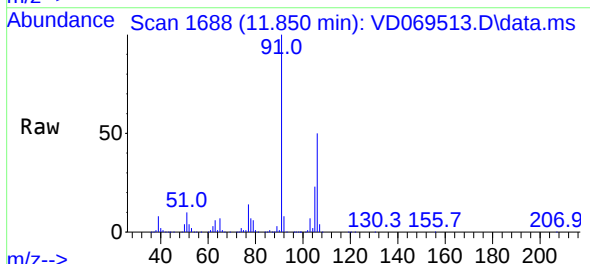
Manual Integrations
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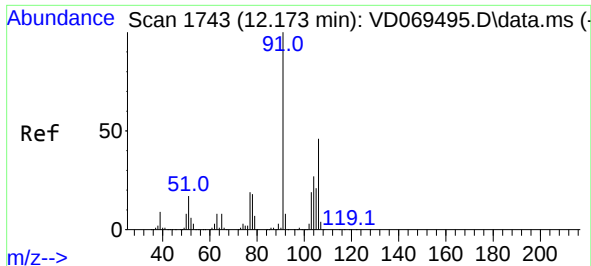
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#68
m/p-Xylenes
Concen: 40.066 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 106 Resp: 480453
Ion Ratio Lower Upper
106 100
91 202.5 164.2 246.4





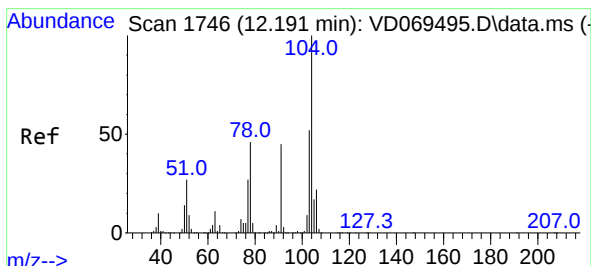
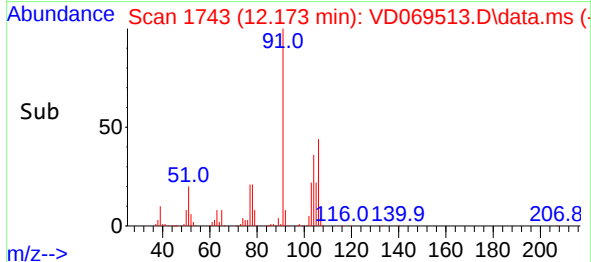
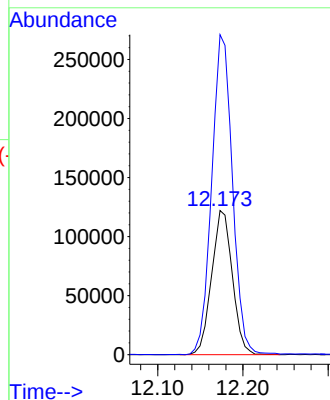
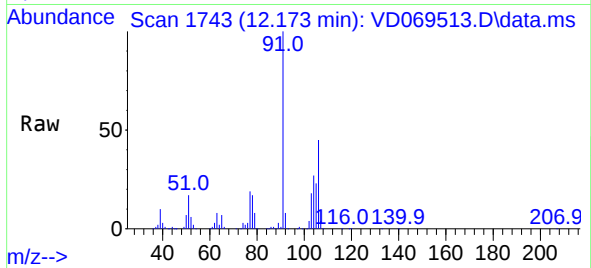
#69
o-Xylene
Concen: 19.210 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:106 Resp: 206496
Ion Ratio Lower Upper
106 100
91 222.9 107.7 323.3

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

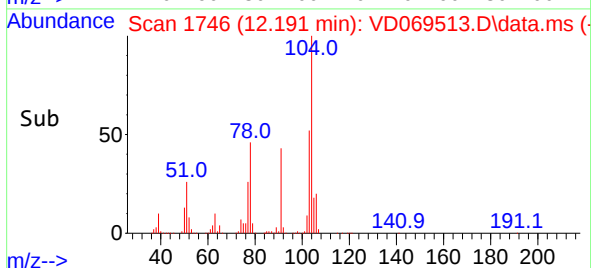
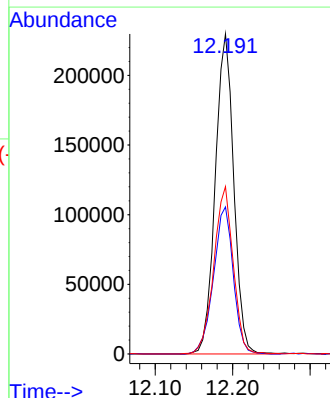
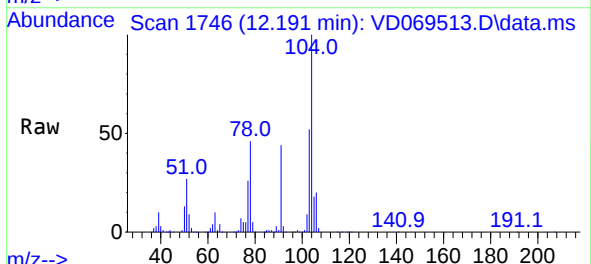
Manual Integrations
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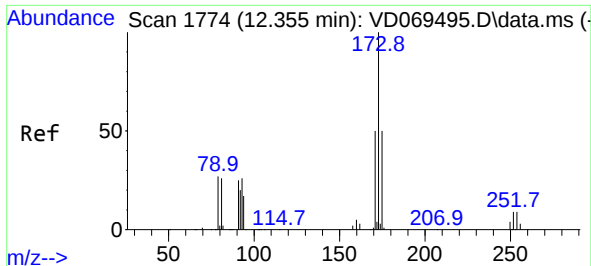
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#70
Styrene
Concen: 20.097 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:104 Resp: 380519
Ion Ratio Lower Upper
104 100
78 49.2 40.2 60.2
103 55.1 44.3 66.5





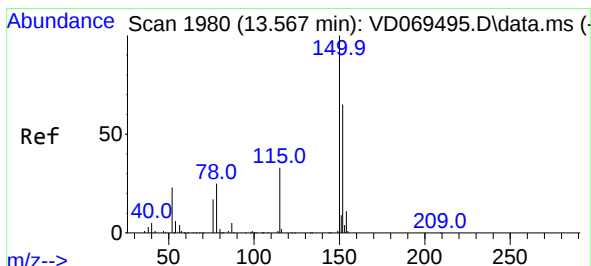
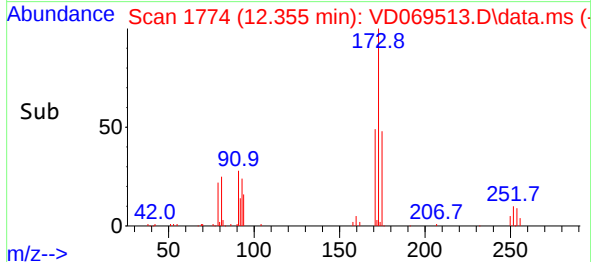
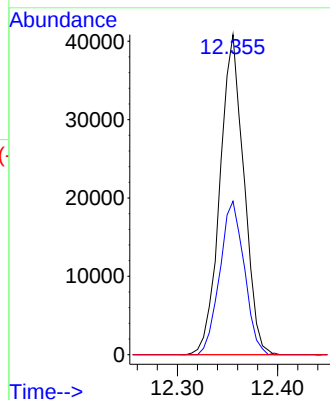
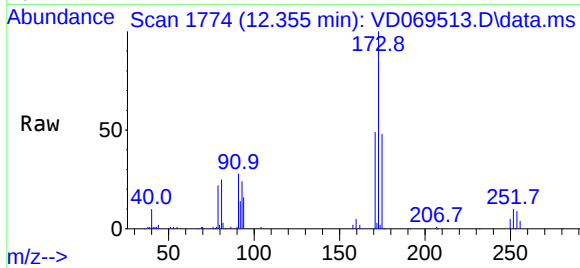
#71
Bromoform
Concen: 20.126 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:173 Resp: 67606
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.1 0.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

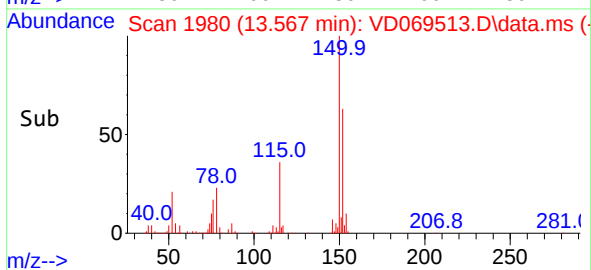
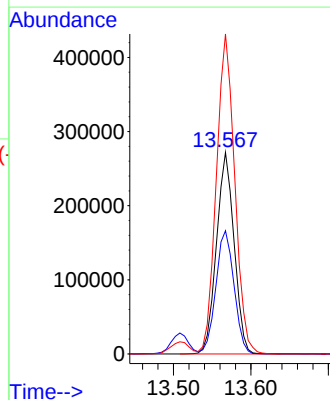
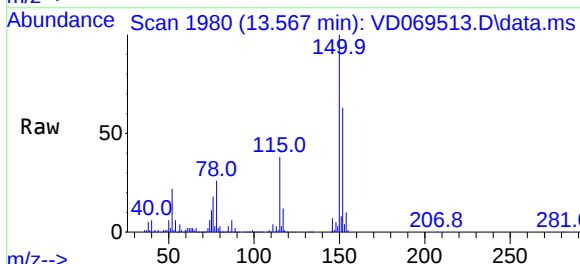
Manual Integrations
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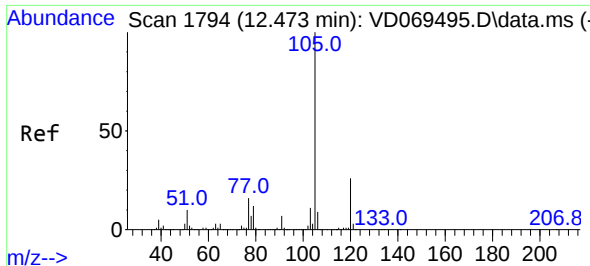
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

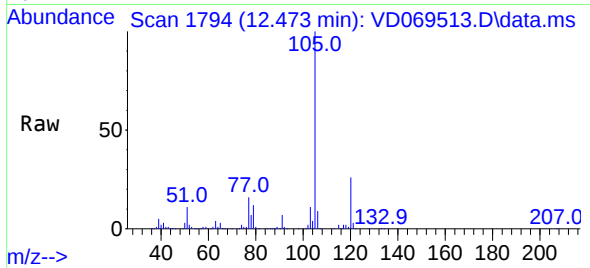
Tgt Ion:152 Resp: 429463
Ion Ratio Lower Upper
152 100
115 62.7 31.7 95.1
150 165.4 0.0 350.8





#73
Isopropylbenzene
Concen: 18.892 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

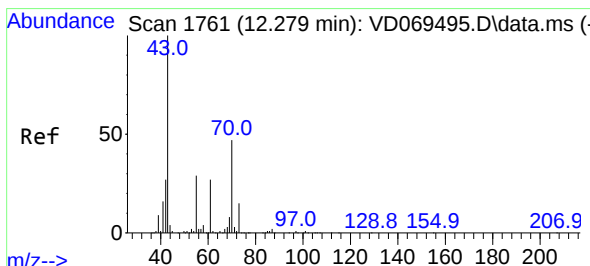
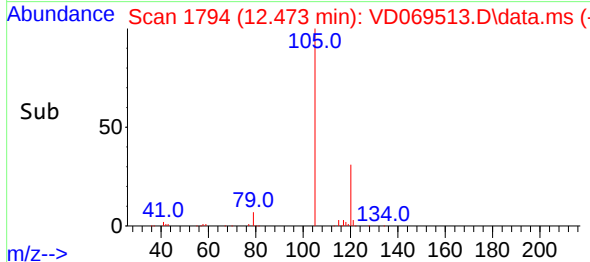
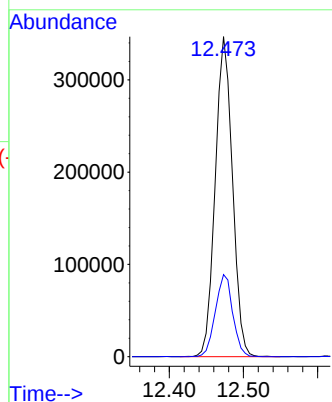
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



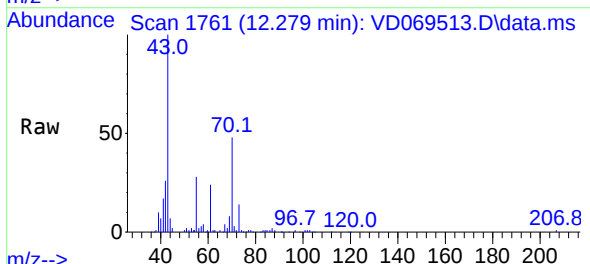
Tgt Ion:105 Resp: 559002
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

Manual Integrations
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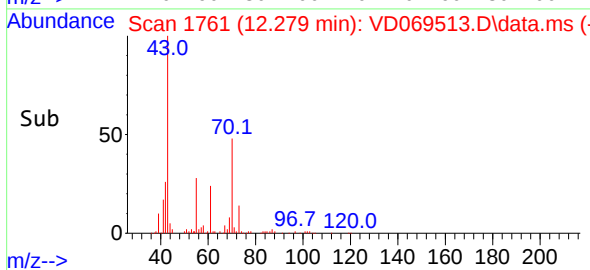
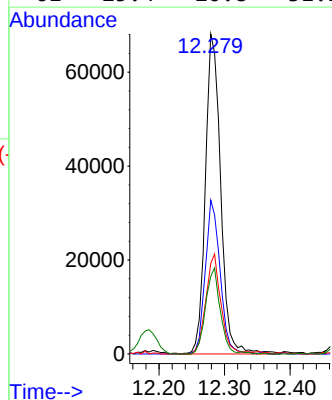
MMDadoda
6/23/2021 5:31:10 PM

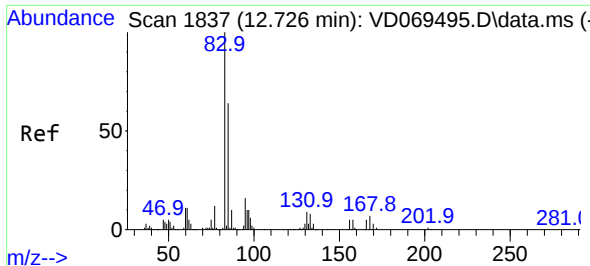


#74
N-ethyl acetate
Concen: 18.477 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion: 43 Resp: 111005
Ion Ratio Lower Upper
43 100
70 46.5 38.1 57.1
55 30.9 24.1 36.1
61 25.4 20.8 31.2





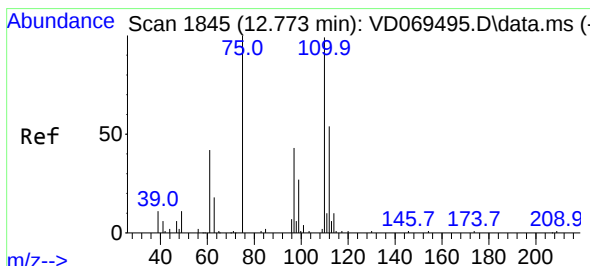
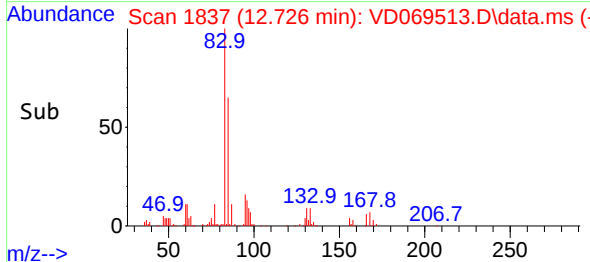
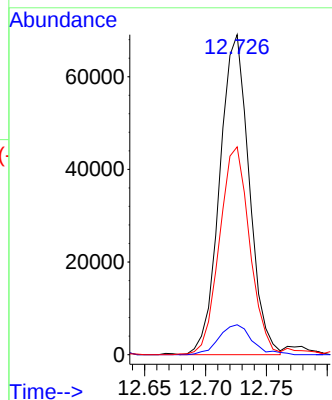
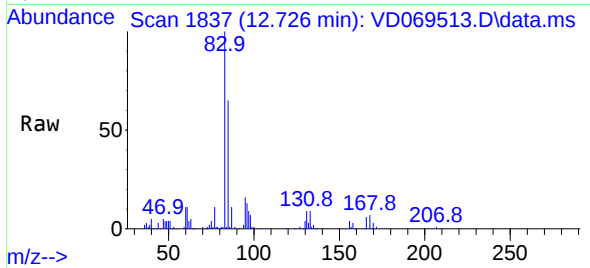
#75
1,1,2,2-Tetrachloroethane
Concen: 19.547 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 83 Resp: 116172
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 66.7 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

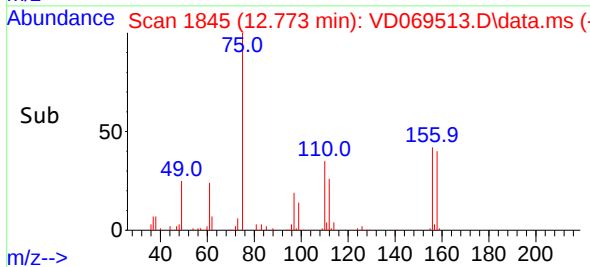
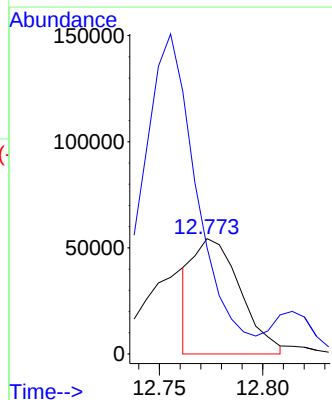
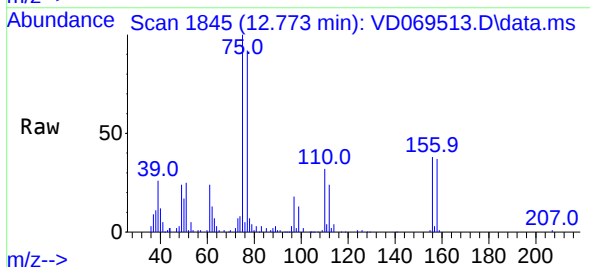
Manual Integrations
APPROVED

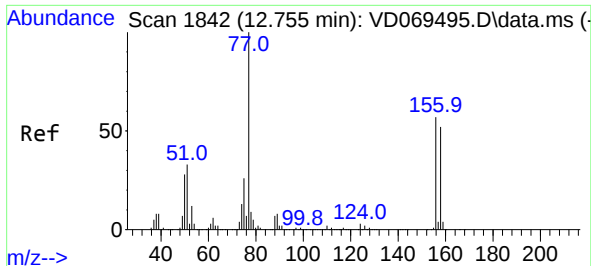
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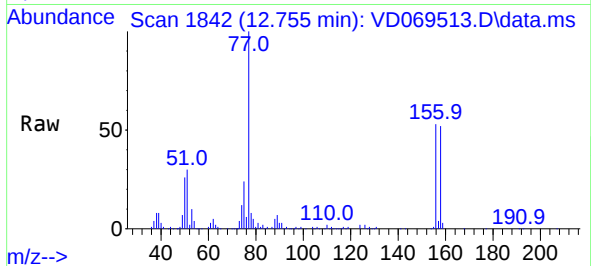
#76
1,2,3-Trichloropropane
Concen: 20.509 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 75 Resp: 86461
Ion Ratio Lower Upper
75 100
77 322.5 162.6 487.8

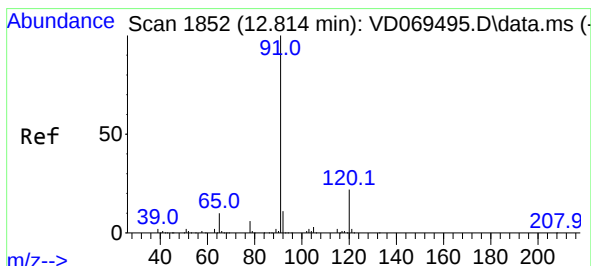
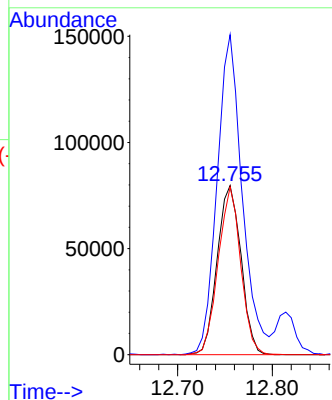
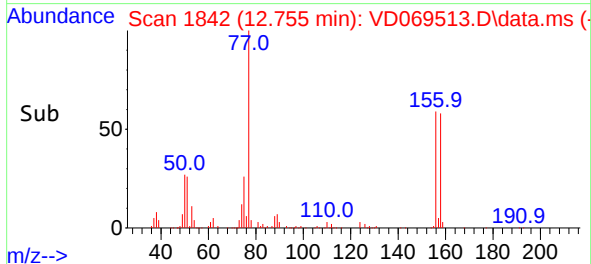




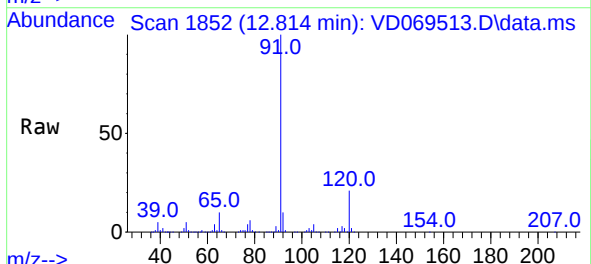
#77
Bromobenzene
Concen: 20.739 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



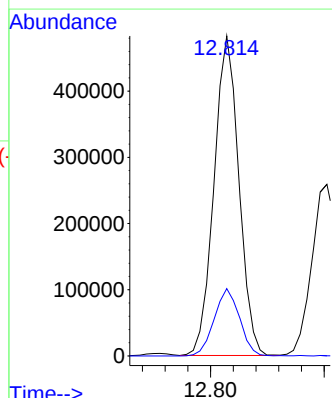
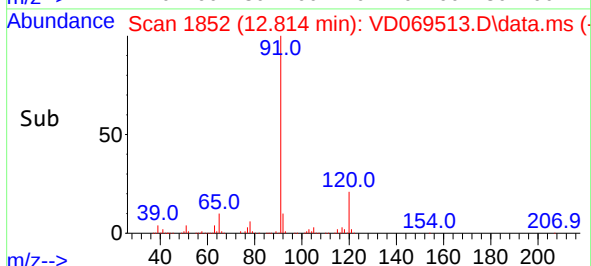
Tgt Ion:156 Resp: 139346
Ion Ratio Lower Upper
156 100
77 200.1 100.8 302.6
158 93.8 47.4 142.2



#78
n-propylbenzene
Concen: 19.765 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



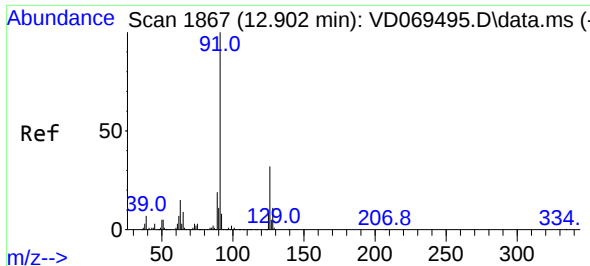
Tgt Ion: 91 Resp: 734034
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

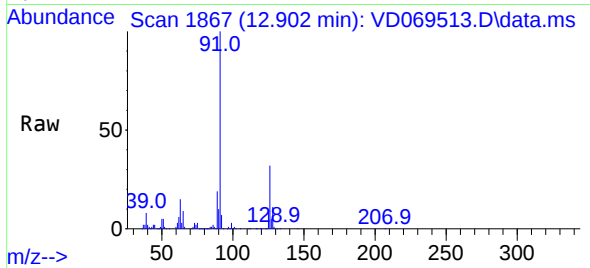
Manual Integrations
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#79
2-Chlorotoluene
Concen: 20.159 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

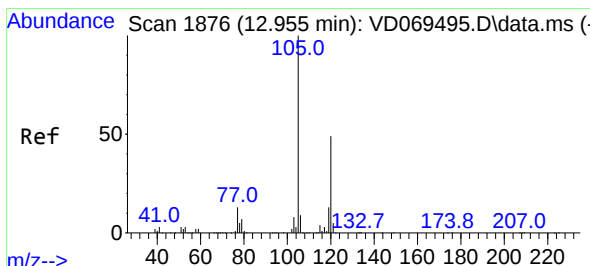
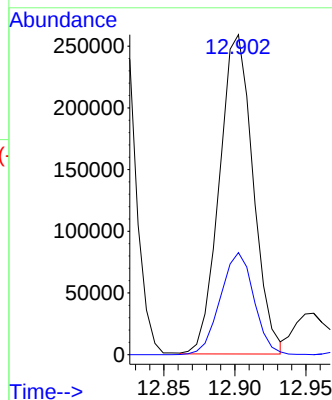
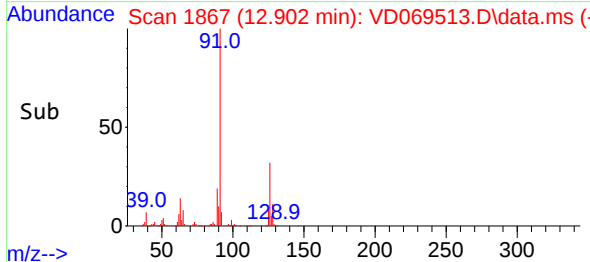
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



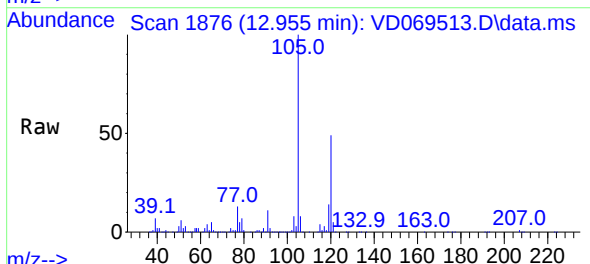
Tgt Ion: 91 Resp: 427718
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6

Manual Integrations
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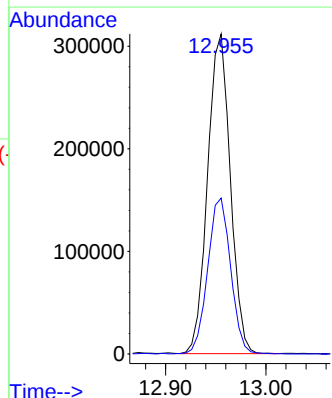
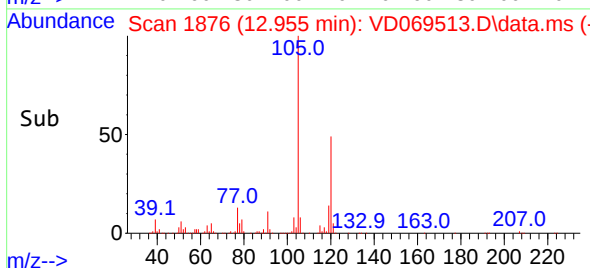
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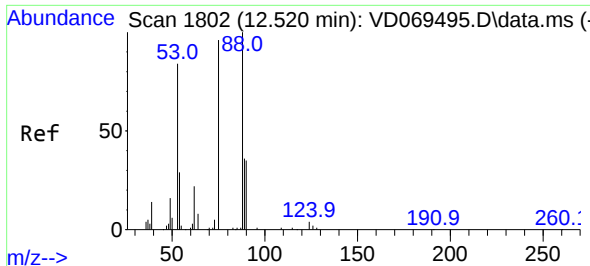


#80
1,3,5-Trimethylbenzene
Concen: 19.728 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

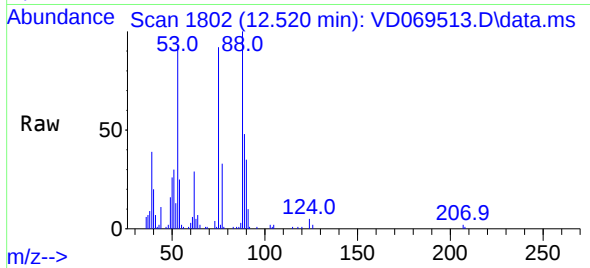


Tgt Ion: 105 Resp: 491256
Ion Ratio Lower Upper
105 100
120 49.3 23.6 70.8

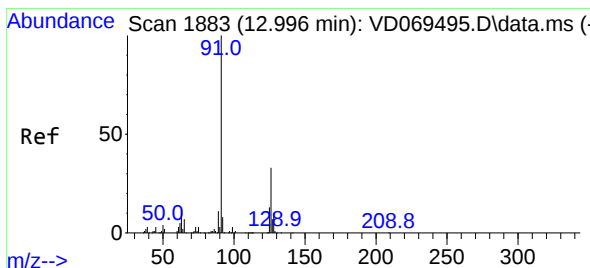
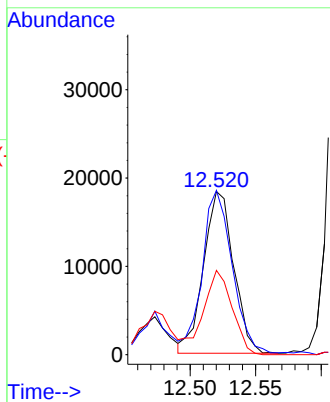
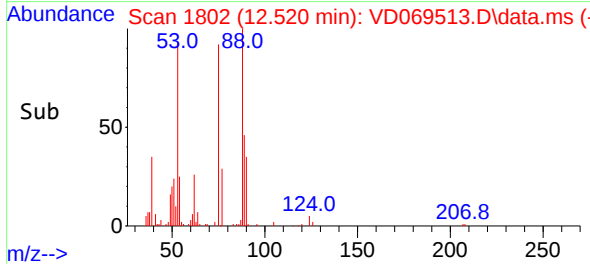




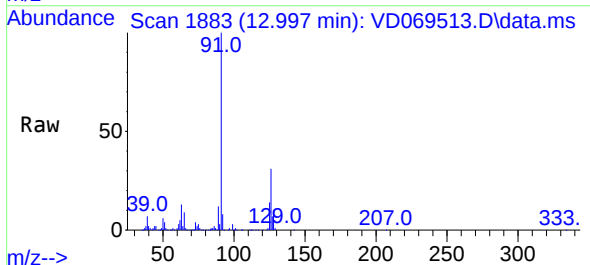
#81
trans-1,4-Dichloro-2-butene
Concen: 17.329 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



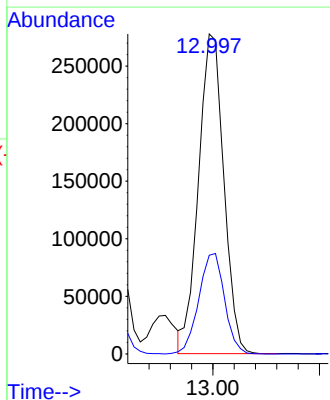
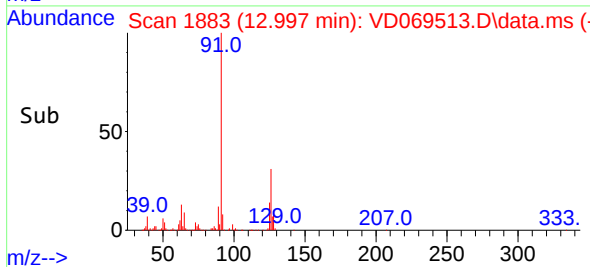
Tgt Ion: 75 Resp: 29259
Ion Ratio Lower Upper
75 100
53 100.1 74.6 112.0
89 48.4 35.3 52.9



#82
4-Chlorotoluene
Concen: 20.139 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



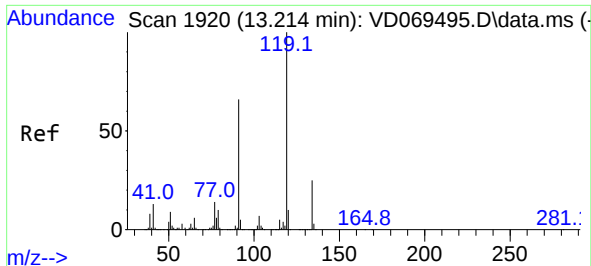
Tgt Ion: 91 Resp: 458107
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5



Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

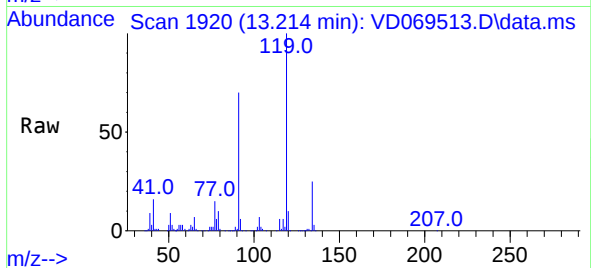
Manual Integrations
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#83
tert-Butylbenzene
Concen: 18.225 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

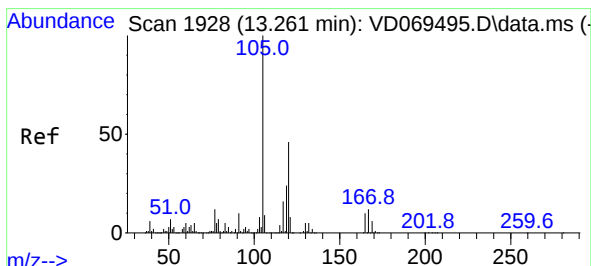
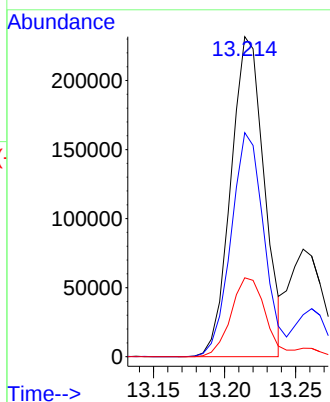
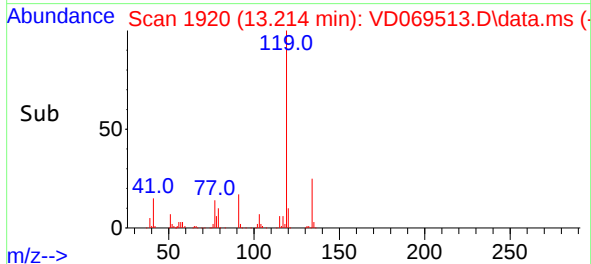
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



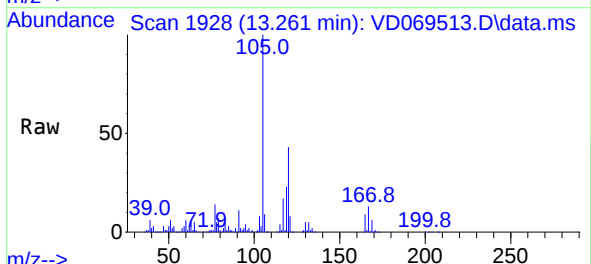
Tgt Ion:119 Resp: 377024
Ion Ratio Lower Upper
119 100
91 69.6 32.5 97.4
134 25.7 12.9 38.7

Manual Integrations
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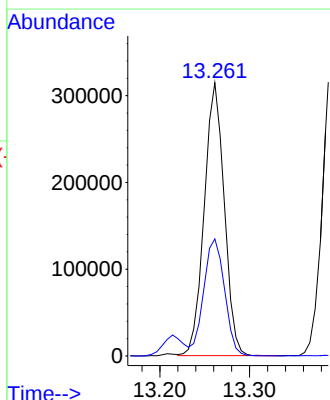
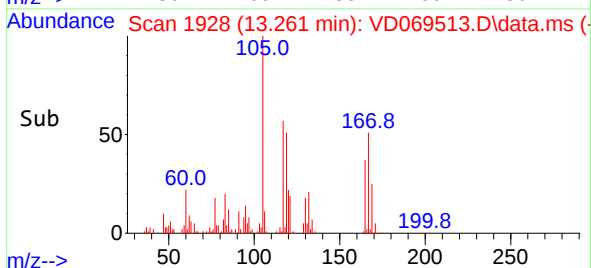
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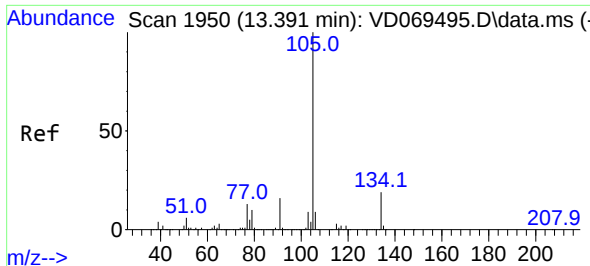


#84
1,2,4-Trimethylbenzene
Concen: 19.701 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



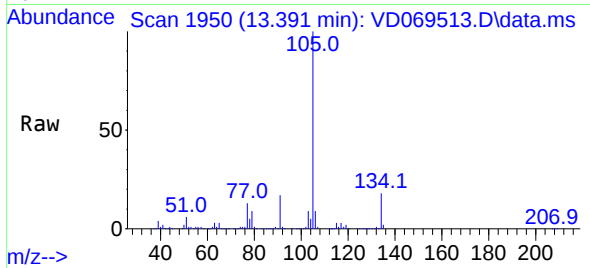
Tgt Ion:105 Resp: 487679
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.121 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD069513.D
 Acq: 22 Jun 2021 13:52

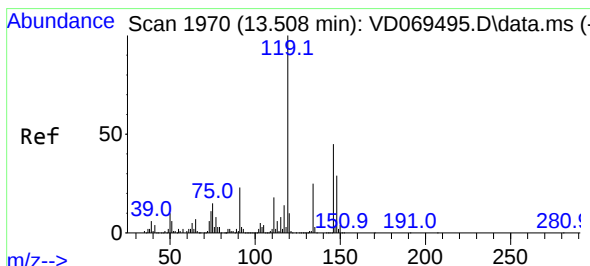
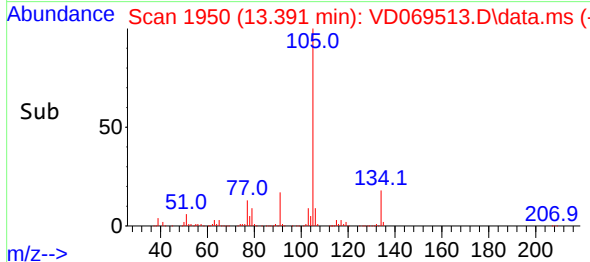
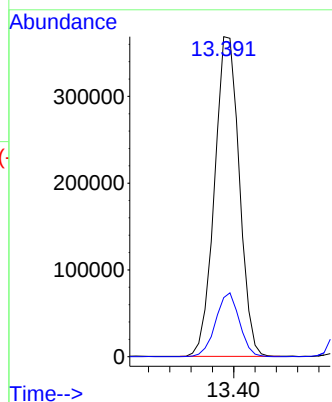
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01



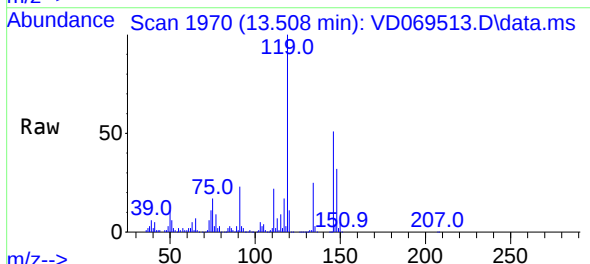
Tgt Ion:105 Resp: 593631
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.5 28.5

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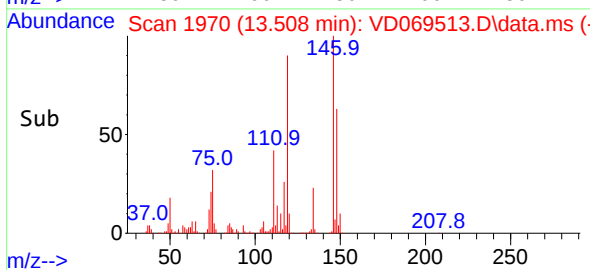
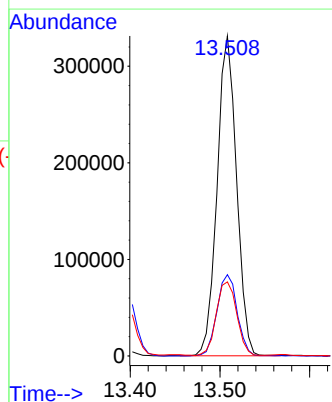
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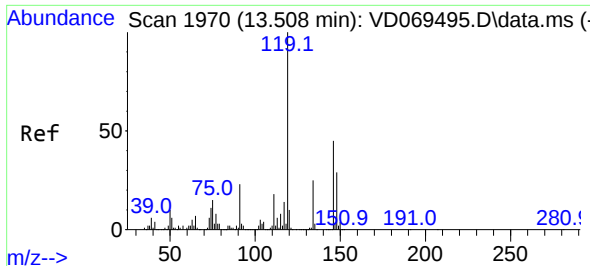


#86
 p-Isopropyltoluene
 Concen: 19.032 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069513.D
 Acq: 22 Jun 2021 13:52



Tgt Ion:119 Resp: 497372
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.6
 91 24.3 11.8 35.4





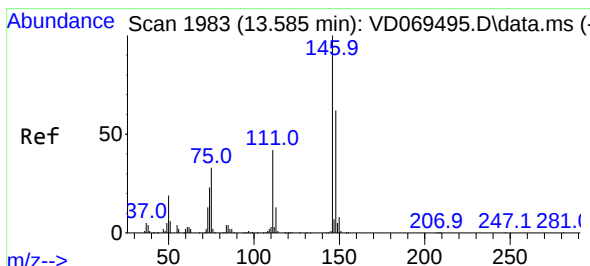
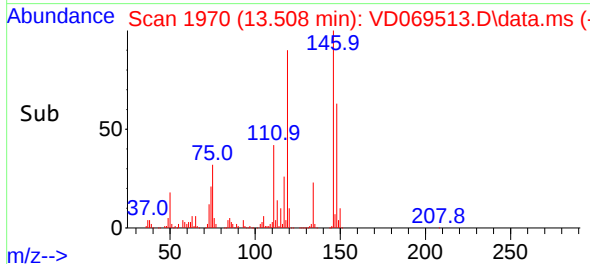
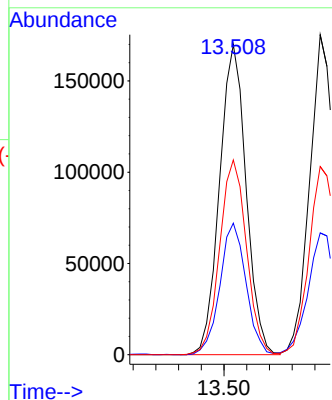
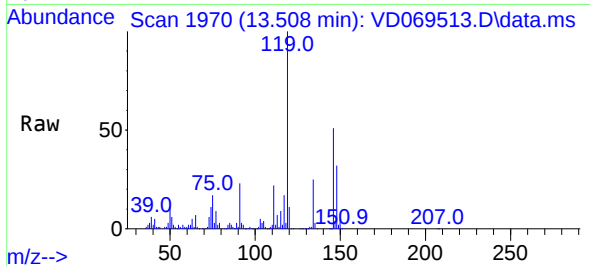
#87
1,3-Dichlorobenzene
Concen: 20.046 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:146 Resp: 275855
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.1
148 63.3 31.6 94.8

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

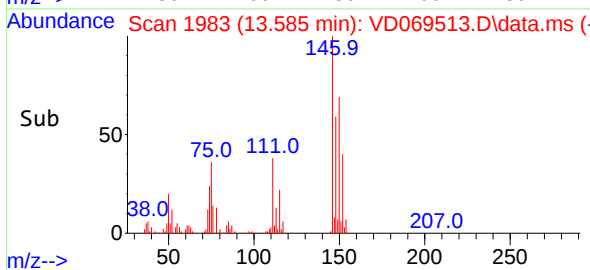
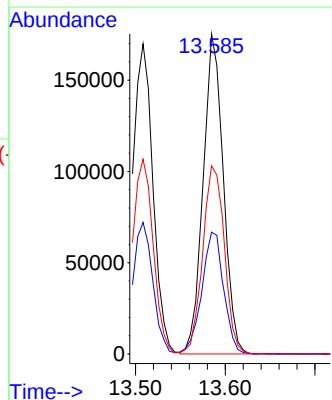
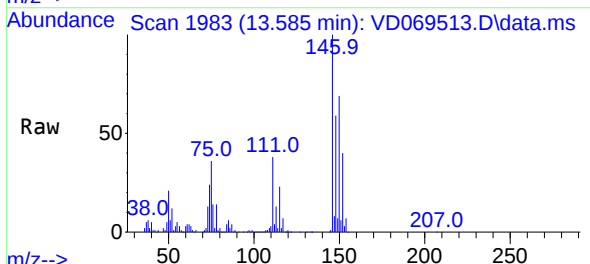
Manual Integrations
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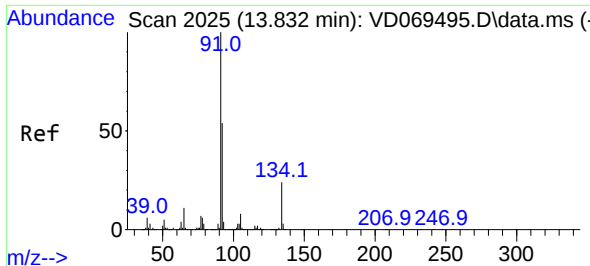
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#88
1,4-Dichlorobenzene
Concen: 20.000 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

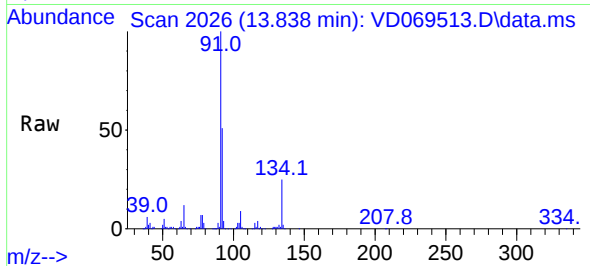
Tgt Ion:146 Resp: 274201
Ion Ratio Lower Upper
146 100
111 41.3 20.7 62.1
148 63.2 31.6 94.7





#89
n-Butylbenzene
Concen: 18.314 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

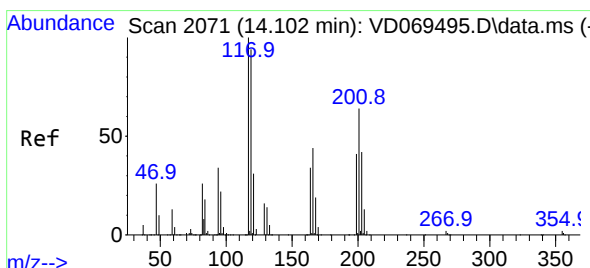
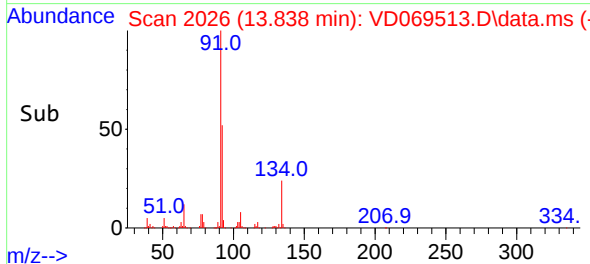
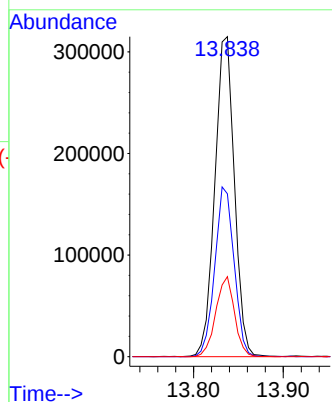
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



Tgt Ion: 91 Resp: 477432
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.0 11.9 35.9

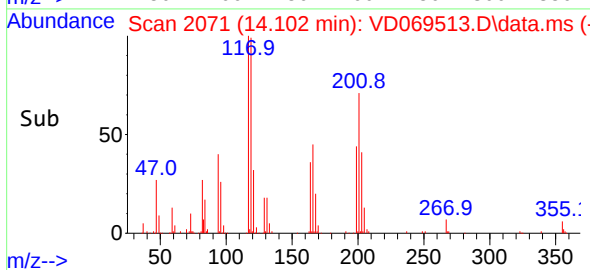
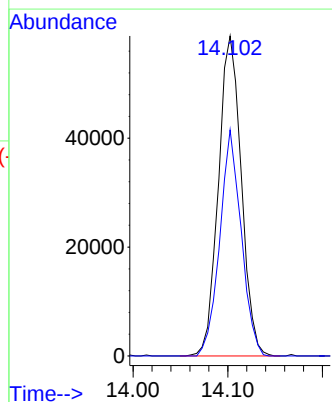
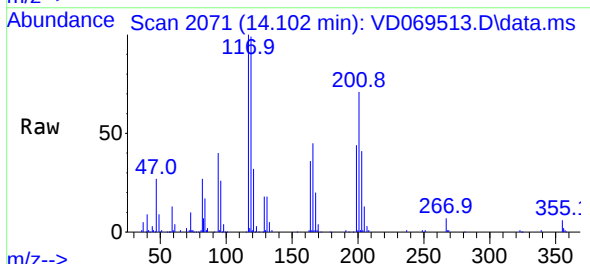
Manual Integrations
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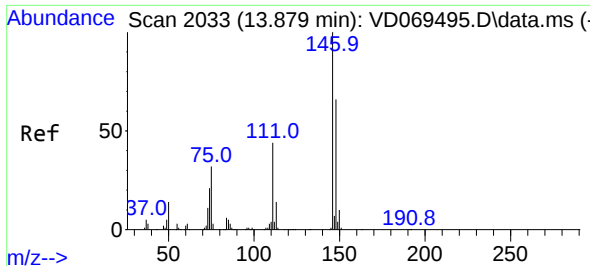
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#90
Hexachloroethane
Concen: 19.323 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion: 117 Resp: 98711
Ion Ratio Lower Upper
117 100
201 66.2 33.1 99.2





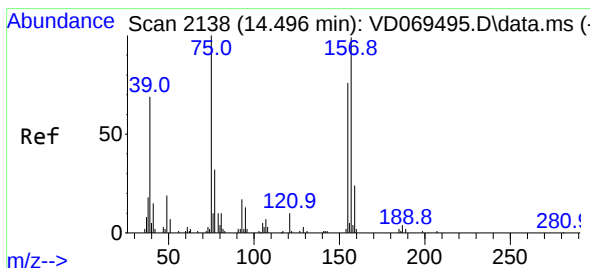
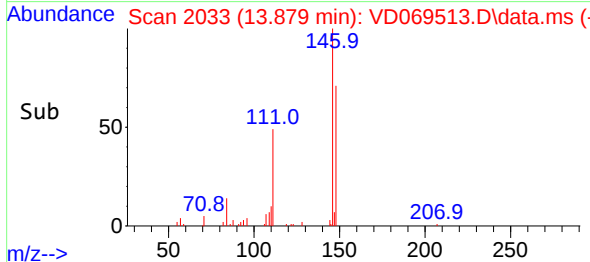
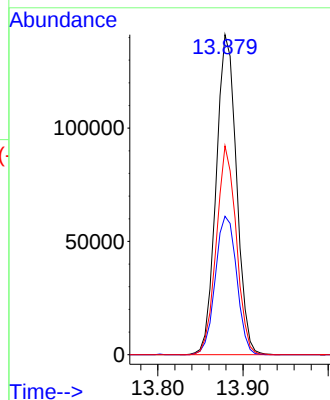
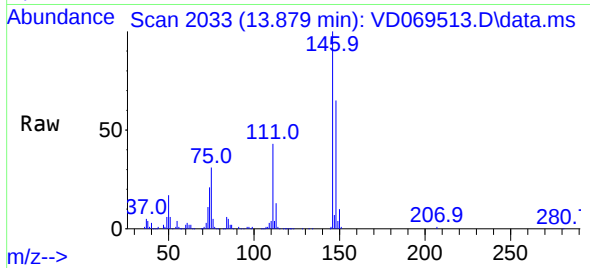
#91
1,2-Dichlorobenzene
Concen: 19.692 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:146 Resp: 234422
Ion Ratio Lower Upper
146 100
111 45.5 21.8 65.4
148 63.9 32.0 96.2

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

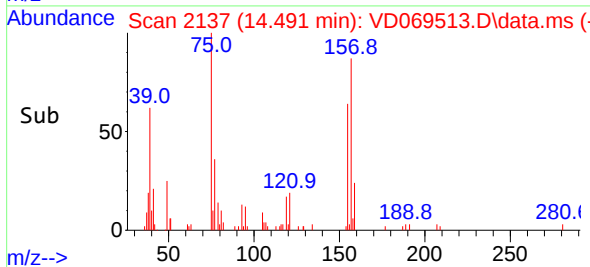
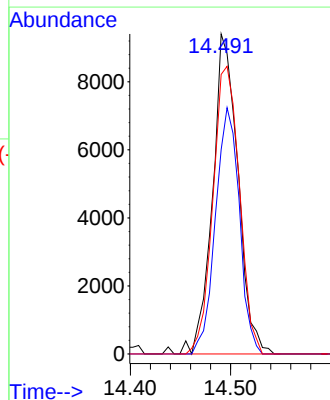
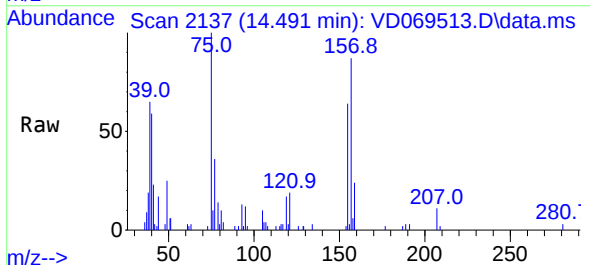
Manual Integrations
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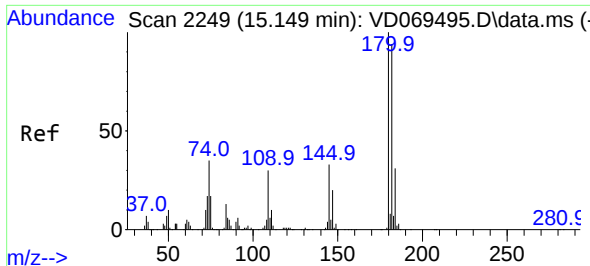
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.327 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

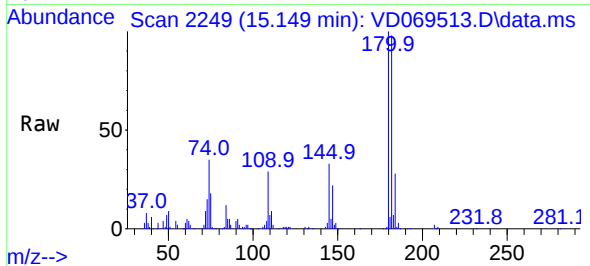
Tgt Ion: 75 Resp: 16527
Ion Ratio Lower Upper
75 100
155 72.4 39.4 118.1
157 93.6 51.2 153.6





#93
1,2,4-Trichlorobenzene
Concen: 19.069 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

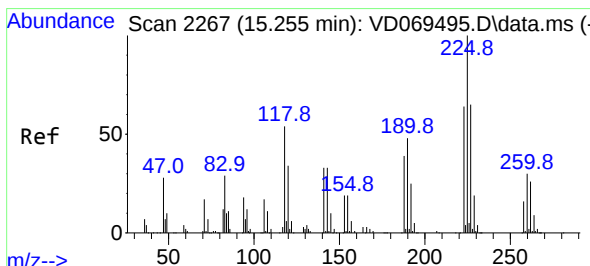
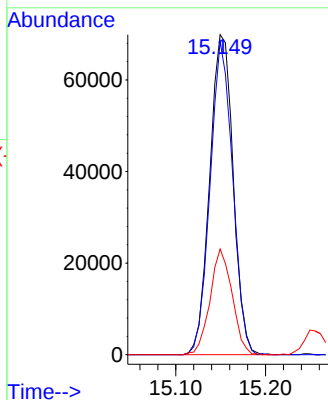
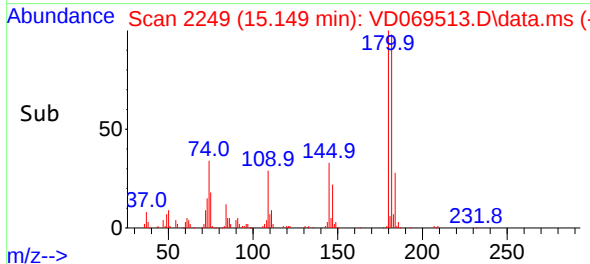
Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01



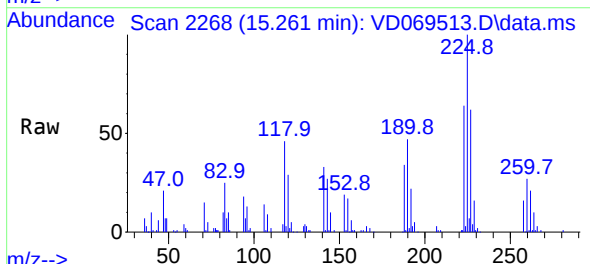
Tgt Ion:180 Resp: 126634
Ion Ratio Lower Upper
180 100
182 93.9 47.2 141.6
145 31.1 16.1 48.2

Manual Integrations
APPROVED

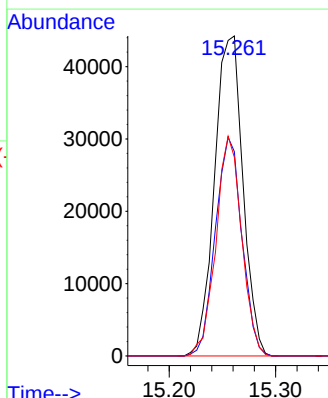
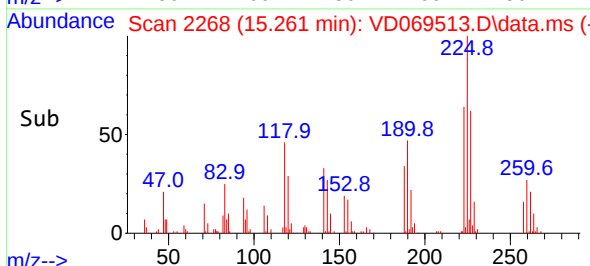
MMDadoda
6/23/2021 5:31:10 PM

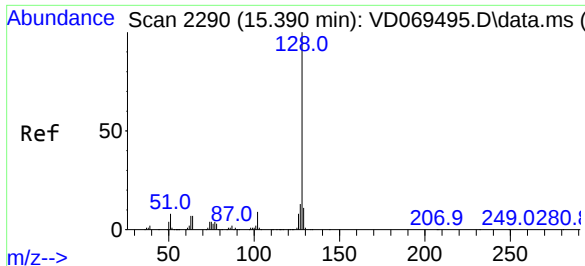


#94
Hexachlorobutadiene
Concen: 19.647 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.006 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52



Tgt Ion:225 Resp: 81865
Ion Ratio Lower Upper
225 100
223 64.0 31.4 94.2
227 62.1 31.8 95.3





#95
Naphthalene
Concen: 17.724 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

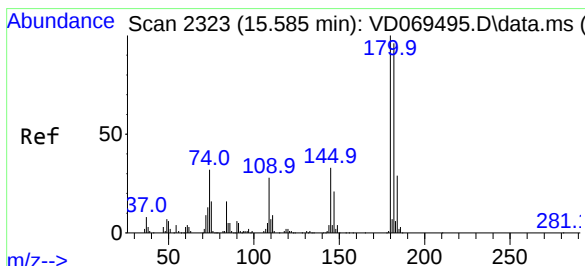
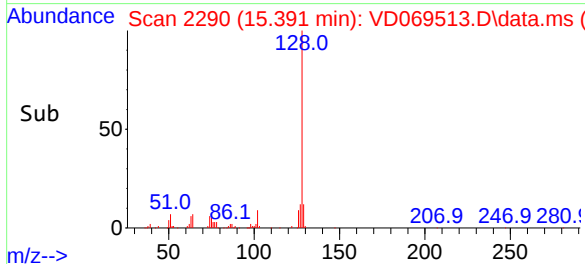
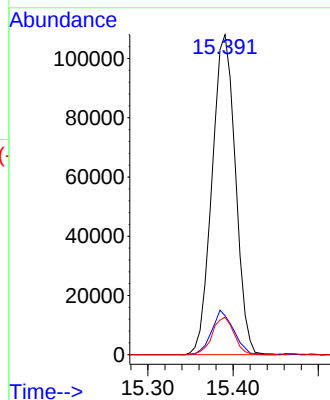
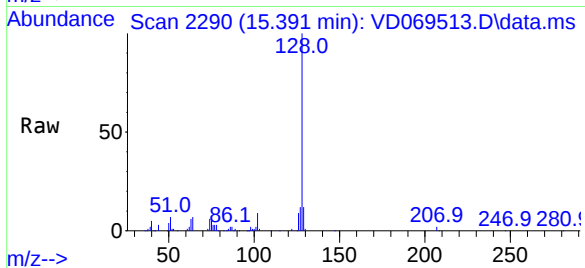
Tgt Ion:128 Resp: 206076

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.7	13.1

Instrument :
MSVOA_D
ClientSampleId :
VD0622SBS01

Manual Integrations
APPROVED

MMDadoda
6/23/2021 5:31:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069513.D
Acq: 22 Jun 2021 13:52

Tgt Ion:180 Resp: 107896

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.8
145	34.8	17.1	51.2

