

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070076.D
 Acq On : 16 Aug 2021 19:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Aug 17 03:57:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	488140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	912291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	893420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	420421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	310174	54.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.060%			
35) Dibromofluoromethane	7.914	113	312286	52.984	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.960%			
50) Toluene-d8	10.337	98	1228236	53.578	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.160%			
62) 4-Bromofluorobenzene	12.625	95	411041	54.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	209189	43.894	ug/l	98
3) Chloromethane	2.208	50	341890	50.564	ug/l	98
4) Vinyl Chloride	2.344	62	362900	43.928	ug/l	98
5) Bromomethane	2.761	94	226270	49.915	ug/l	95
6) Chloroethane	2.914	64	241622	45.782	ug/l	99
7) Trichlorofluoromethane	3.267	101	430351	43.372	ug/l	96
8) Diethyl Ether	3.708	74	139807	49.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	271326	42.983	ug/l	99
10) Methyl Iodide	4.297	142	270068	46.792	ug/l	100
11) Tert butyl alcohol	5.220	59	72050	227.046	ug/l #	71
12) 1,1-Dichloroethene	4.061	96	267884	46.192	ug/l	96
13) Acrolein	3.926	56	77111	210.956	ug/l	99
14) Allyl chloride	4.714	41	419017	48.423	ug/l	99
15) Acrylonitrile	5.420	53	334110	253.749	ug/l	99
16) Acetone	4.155	43	234461	221.683	ug/l	94
17) Carbon Disulfide	4.408	76	954191	45.508	ug/l	99
18) Methyl Acetate	4.720	43	180690	57.302	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	620207	51.530	ug/l	100
20) Methylene Chloride	4.961	84	413431	58.788	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	324667	48.196	ug/l	95
22) Diisopropyl ether	6.361	45	988839	54.334	ug/l	98
23) Vinyl Acetate	6.302	43	2211420	268.122	ug/l	100
24) 1,1-Dichloroethane	6.261	63	616943	49.547	ug/l	98
25) 2-Butanone	7.214	43	373953	258.756	ug/l	96
26) 2,2-Dichloropropane	7.208	77	437420	45.118	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	368137	51.460	ug/l	99
28) Bromochloromethane	7.543	49	242653	53.552	ug/l	98
29) Tetrahydrofuran	7.561	42	255737	270.242	ug/l	99
30) Chloroform	7.708	83	566360	46.250	ug/l	98
31) Cyclohexane	7.979	56	472291	41.561	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	496508	48.520	ug/l	98
36) 1,1-Dichloropropene	8.108	75	420148	42.810	ug/l	100
37) Ethyl Acetate	7.290	43	181535	50.924	ug/l	99
38) Carbon Tetrachloride	8.096	117	379882	42.636	ug/l	95
39) Methylcyclohexane	9.355	83	484016	42.358	ug/l	98
40) Benzene	8.349	78	1396912	49.072	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	109068	56.591	ug/l	90
42) 1,2-Dichloroethane	8.426	62	363167	49.780	ug/l	97
43) Isopropyl Acetate	8.449	43	331049	49.743	ug/l	99
44) Trichloroethene	9.108	130	321886	46.809	ug/l	98
45) 1,2-Dichloropropane	9.384	63	336419	45.498	ug/l	97
46) Dibromomethane	9.473	93	179028	49.849	ug/l	99
47) Bromodichloromethane	9.655	83	459597	49.463	ug/l	97
48) Methyl methacrylate	9.455	41	156060	49.173	ug/l	96
49) 1,4-Dioxane	9.455	88	40715	1041.727	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	910067	262.987	ug/l	100
52) Toluene	10.402	92	854111	49.295	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	393202	47.775	ug/l	99
54) cis-1,3-Dichloropropene	10.084	75	469347	46.984	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	235452	46.271	ug/l	96
56) Ethyl methacrylate	10.655	69	307722	53.141	ug/l	99
57) 1,3-Dichloropropane	10.937	76	449922	51.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	932203	305.223	ug/l	100
59) 2-Hexanone	10.979	43	614018	264.947	ug/l	100
60) Dibromochloromethane	11.131	129	294240	50.477	ug/l	98
61) 1,2-Dibromoethane	11.243	107	236224	51.278	ug/l	100
64) Tetrachloroethene	10.873	164	260530	45.202	ug/l	99
65) Chlorobenzene	11.661	112	885004	47.411	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	313972	47.363	ug/l	99
67) Ethyl Benzene	11.737	91	1601627	48.528	ug/l	99
68) m/p-Xylenes	11.843	106	1259476	98.471	ug/l	98
69) o-Xylene	12.173	106	574688	49.797	ug/l	99
70) Styrene	12.184	104	1040392	51.473	ug/l	99
71) Bromoform	12.349	173	156160	48.350	ug/l #	99
73) Isopropylbenzene	12.473	105	1471977	48.012	ug/l	99
74) N-amyl acetate	12.278	43	314284	47.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	294430	48.131	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	192915m	45.246	ug/l	
77) Bromobenzene	12.755	156	327567	48.138	ug/l	98
78) n-propylbenzene	12.808	91	1895118	47.931	ug/l	100
79) 2-Chlorotoluene	12.896	91	1097325	48.239	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1285115	49.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	75190	45.774	ug/l	97
82) 4-Chlorotoluene	12.996	91	1156816	48.567	ug/l	99
83) tert-Butylbenzene	13.214	119	1032403	48.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	1284048	49.594	ug/l	100
85) sec-Butylbenzene	13.390	105	1609385	47.349	ug/l	98
86) p-Isopropyltoluene	13.508	119	1321830	48.136	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	674665	46.664	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	670199	46.800	ug/l	99
89) n-Butylbenzene	13.831	91	1264475	46.925	ug/l	99
90) Hexachloroethane	14.102	117	266251	45.947	ug/l	100
91) 1,2-Dichlorobenzene	13.878	146	597962	48.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	40911	44.774	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	323630	46.975	ug/l	99
94) Hexachlorobutadiene	15.249	225	178450	43.849	ug/l	97
95) Naphthalene	15.384	128	626652	49.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	289533	48.143	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

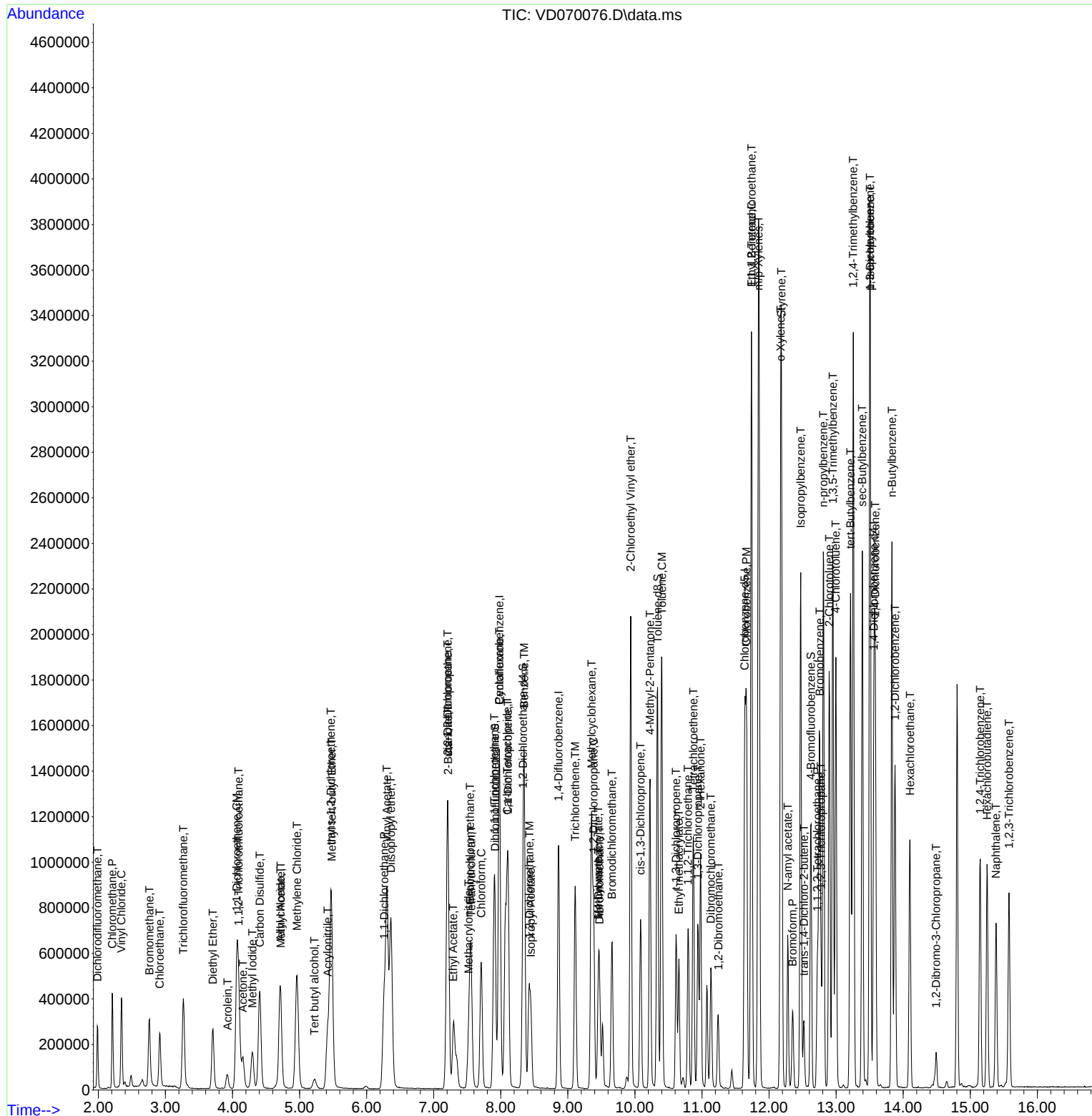
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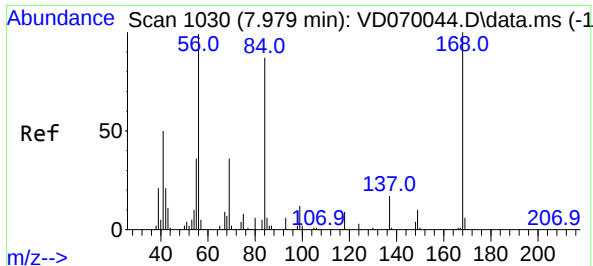
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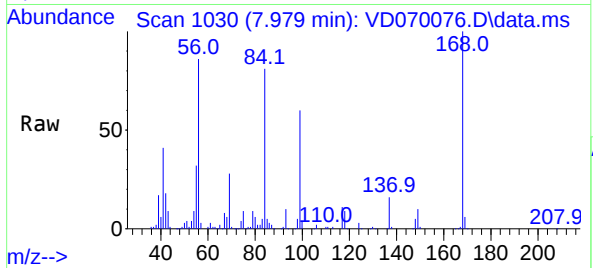
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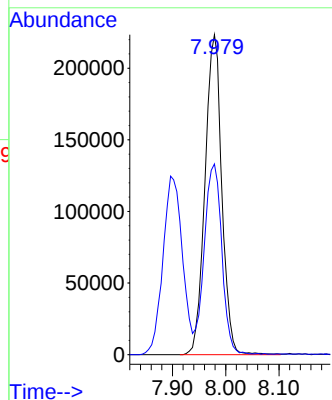




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070076.D
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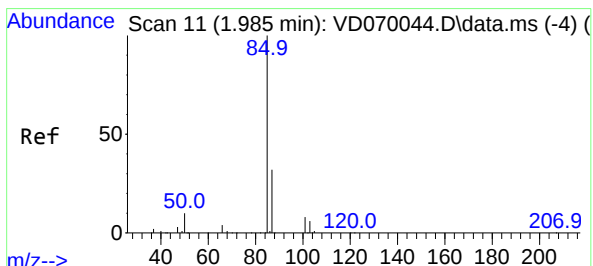
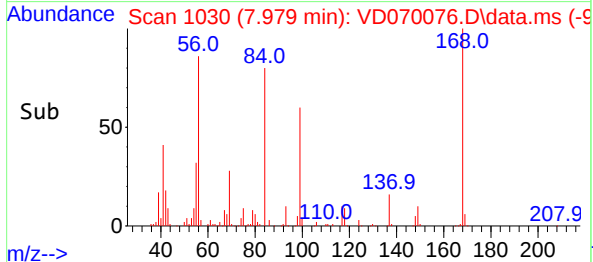
Tgt Ion: 168 Resp: 488140
Ion Ratio Lower Upper
168 100
99 59.4 50.3 75.5



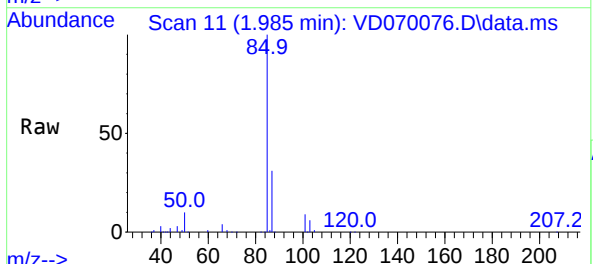
Instrument :
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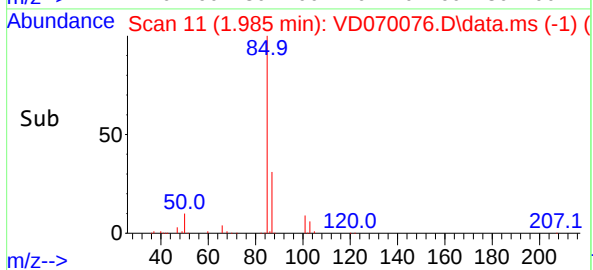
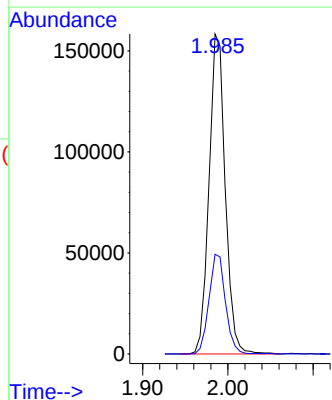
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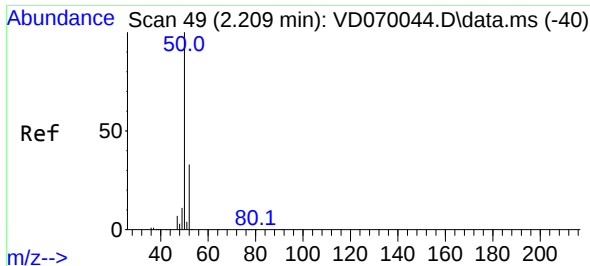


#2
Dichlorodifluoromethane
Concen: 43.894 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 85 Resp: 209189
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6





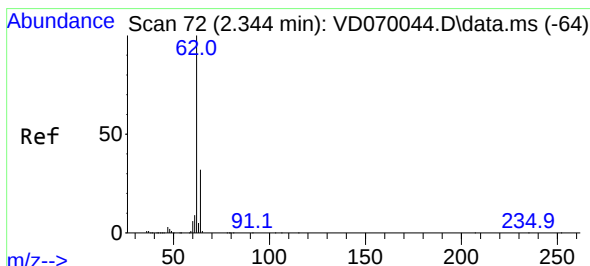
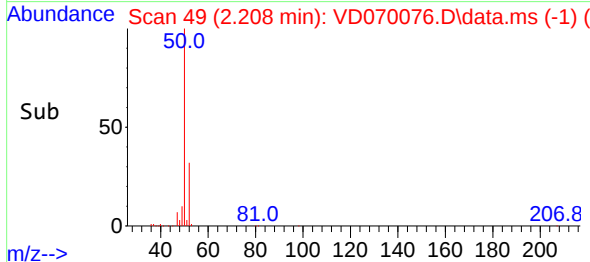
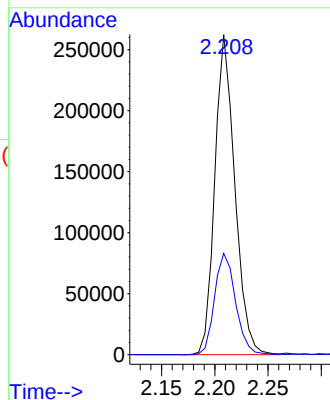
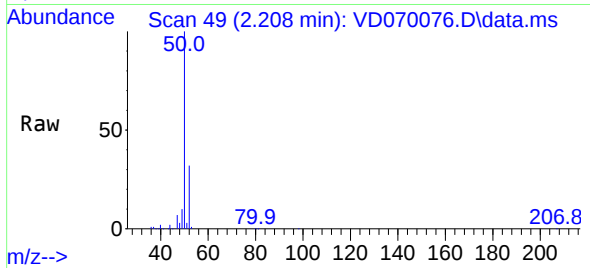
#3
Chloromethane
Concen: 50.564 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 50 Resp: 341890
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5

Instrument :
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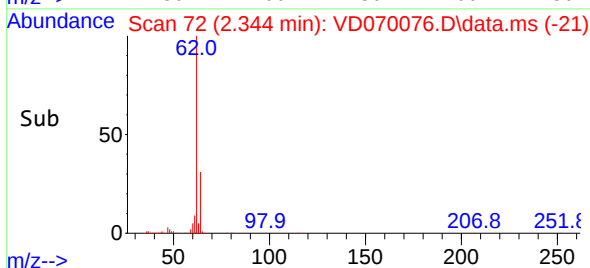
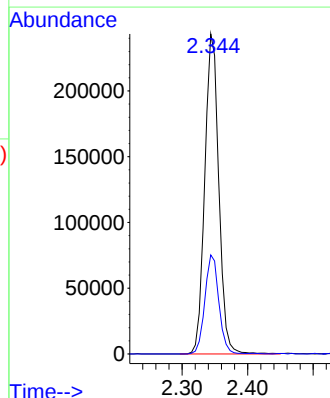
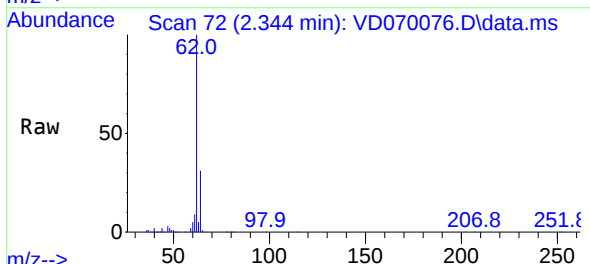
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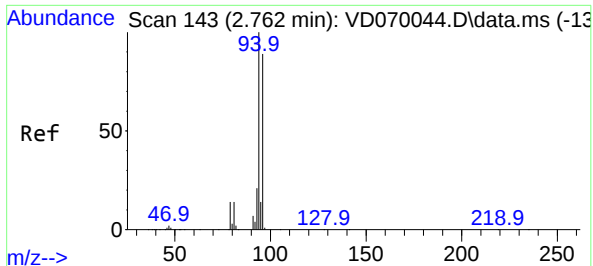
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#4
Vinyl Chloride
Concen: 43.928 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 62 Resp: 362900
Ion Ratio Lower Upper
62 100
64 31.0 25.7 38.5





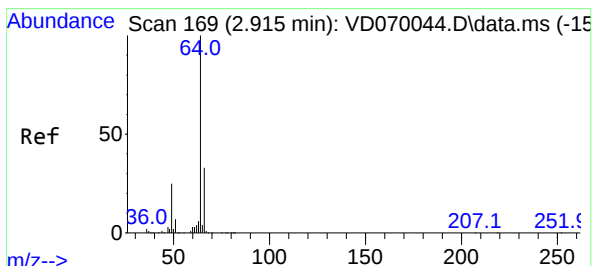
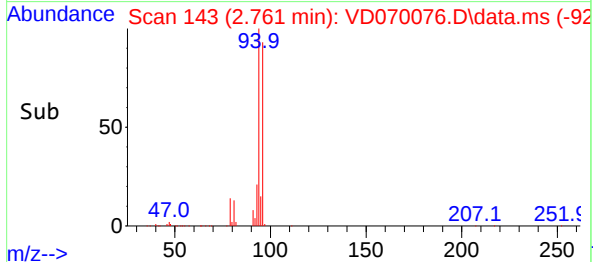
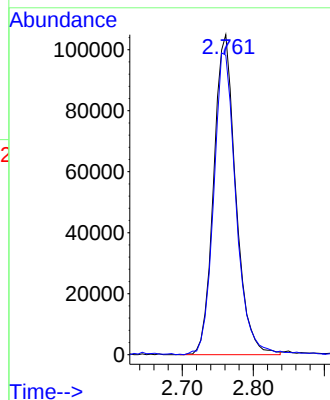
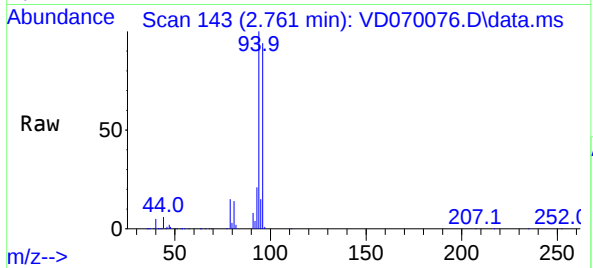
#5
Bromomethane
Concen: 49.915 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.001 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 94 Resp: 226270
Ion Ratio Lower Upper
94 100
96 93.5 70.9 106.3

Instrument :
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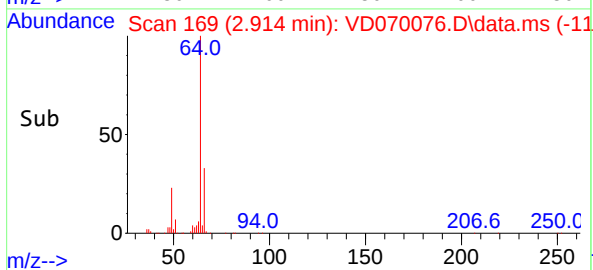
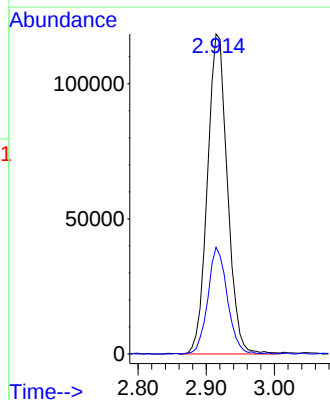
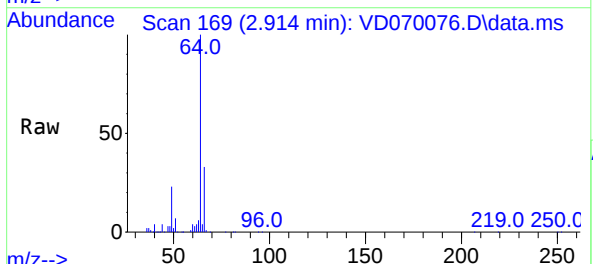
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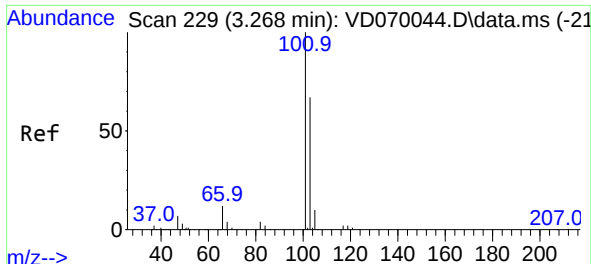
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#6
Chloroethane
Concen: 45.782 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD070076.D
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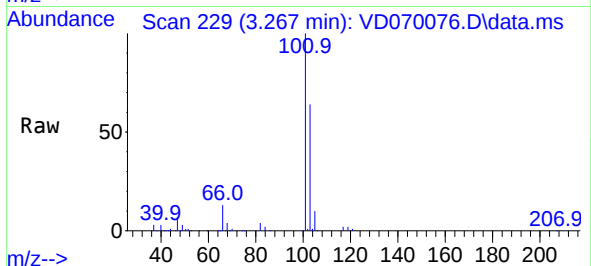
Tgt Ion: 64 Resp: 241622
Ion Ratio Lower Upper
64 100
66 33.3 26.0 39.0





#7
Trichlorofluoromethane
Concen: 43.372 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

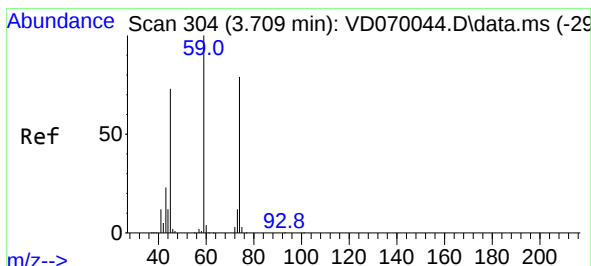
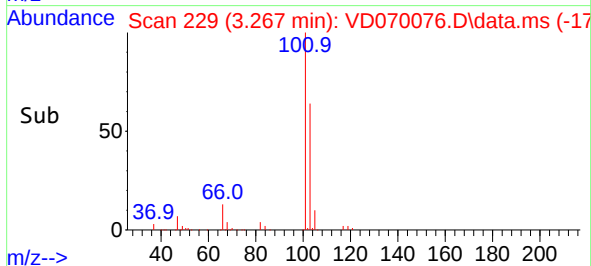
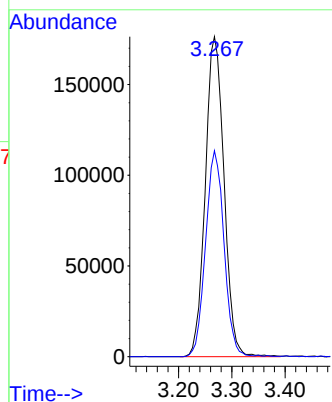
Instrument :
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Tgt Ion:101 Resp: 430351
Ion Ratio Lower Upper
101 100
103 64.3 53.9 80.9

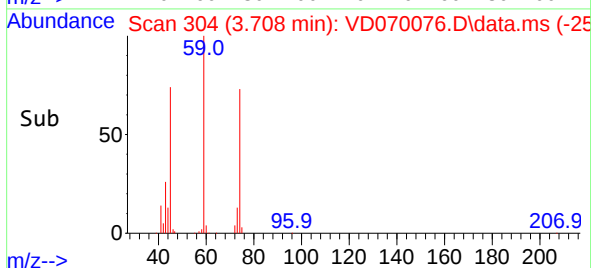
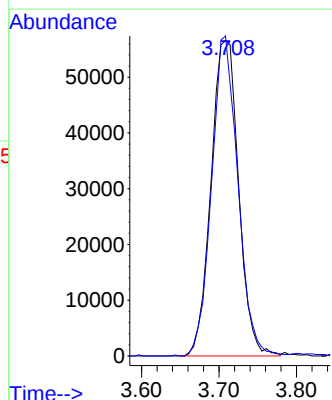
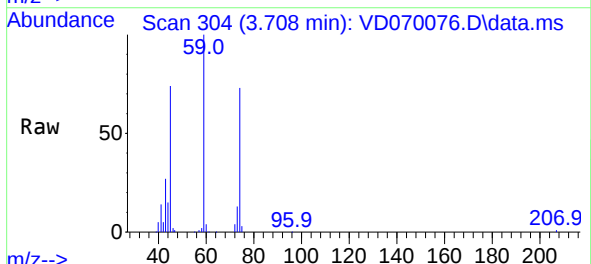
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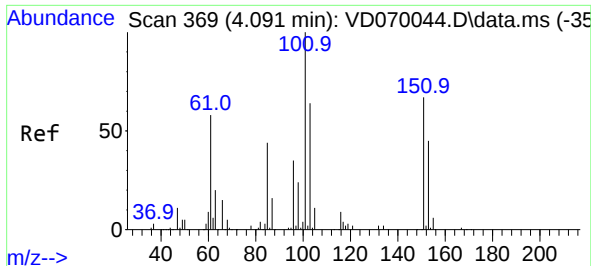
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#8
Diethyl Ether
Concen: 49.235 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 139807
Ion Ratio Lower Upper
74 100
45 96.6 48.6 145.9





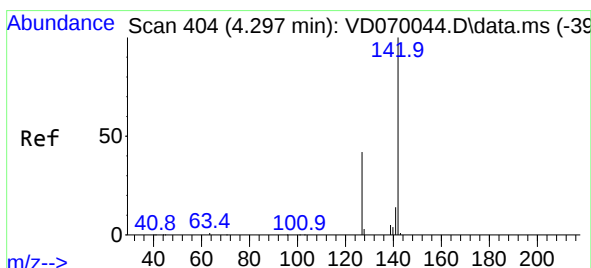
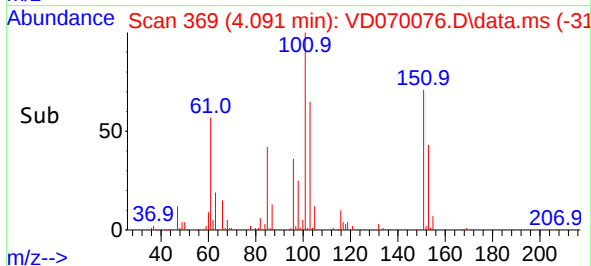
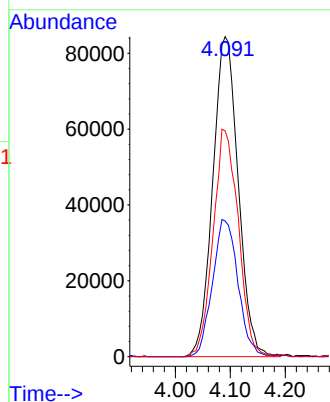
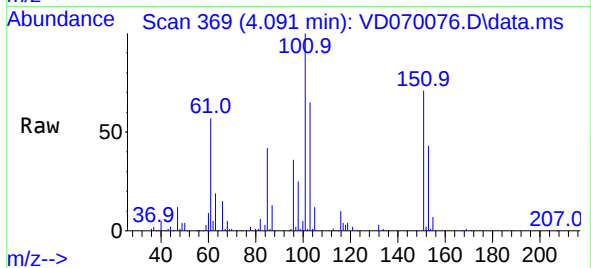
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.983 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:101 Resp: 271326
Ion Ratio Lower Upper
101 100
85 42.9 34.6 52.0
151 70.4 55.0 82.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

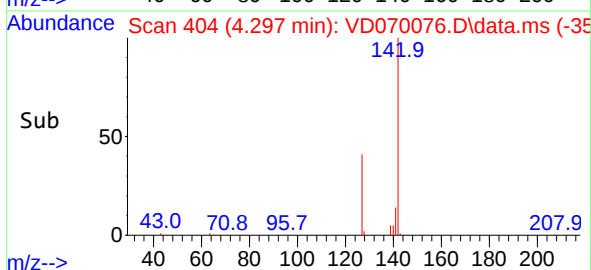
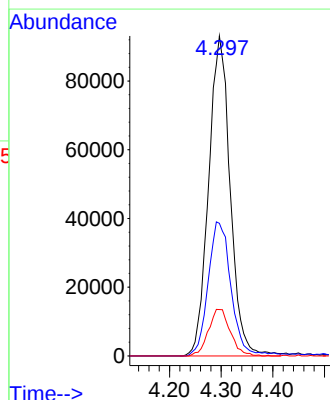
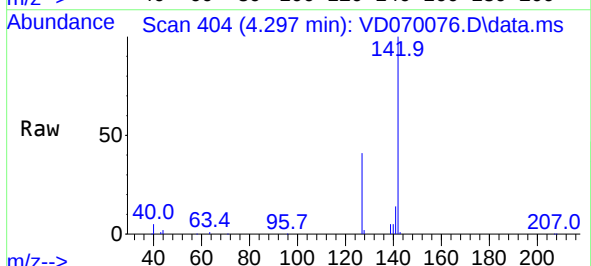
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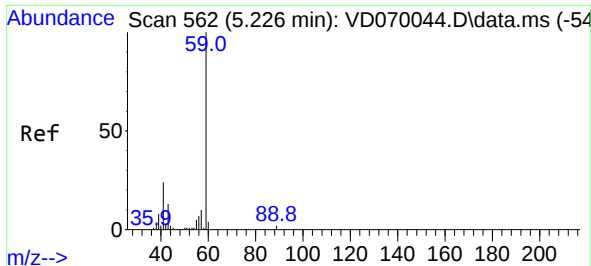
MMDadoda
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#10
Methyl Iodide
Concen: 46.792 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:142 Resp: 270068
Ion Ratio Lower Upper
142 100
127 44.1 35.4 53.0
141 14.7 12.1 18.1





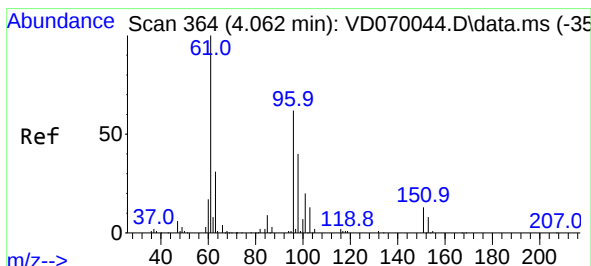
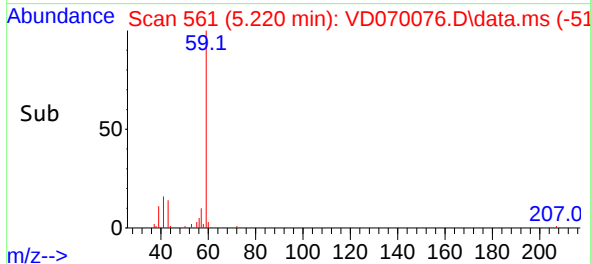
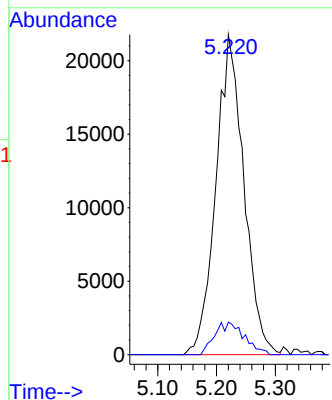
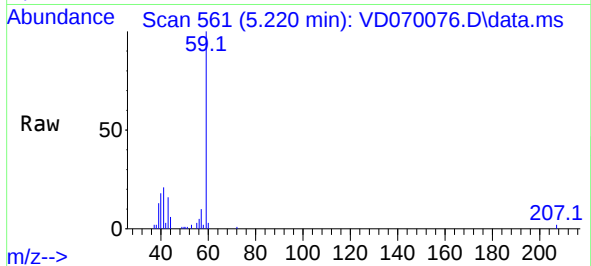
#11
Tert butyl alcohol
Concen: 227.046 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 59 Resp: 72050
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

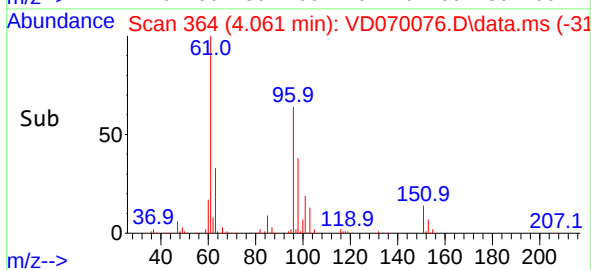
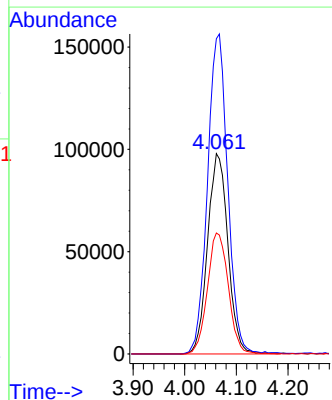
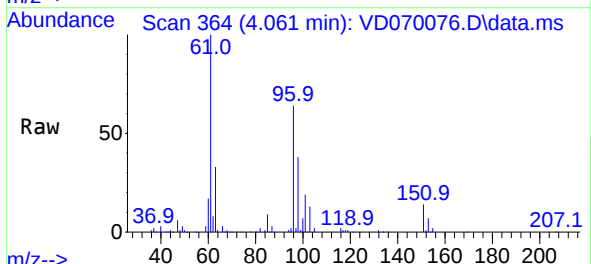
Manual Integrations
APPROVED

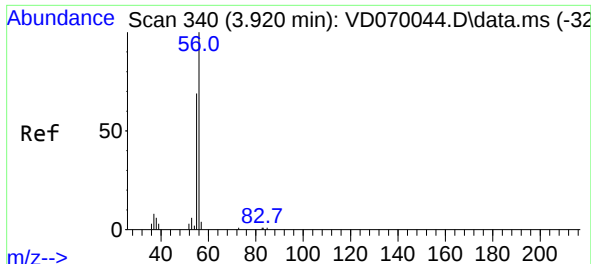
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#12
1,1-Dichloroethene
Concen: 46.192 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 96 Resp: 267884
Ion Ratio Lower Upper
96 100
61 157.4 129.1 193.7
98 60.4 52.0 78.0





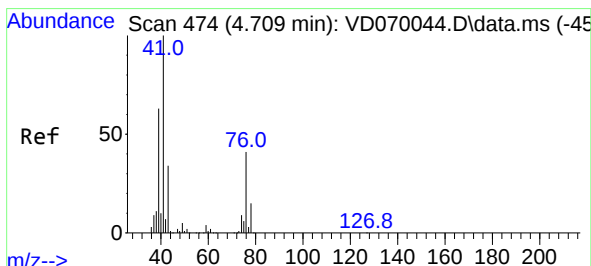
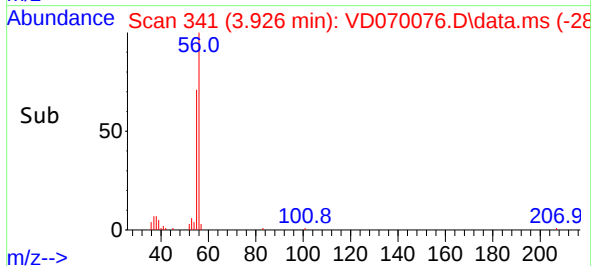
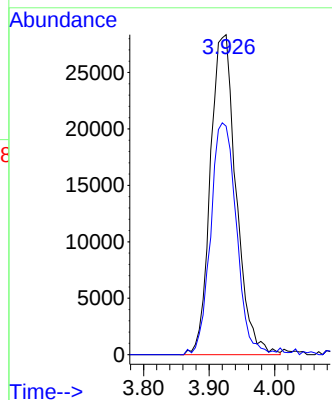
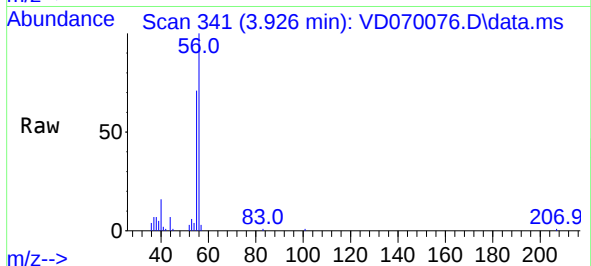
#13
Acrolein
Concen: 210.956 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 56 Resp: 77111
Ion Ratio Lower Upper
56 100
55 72.5 57.4 86.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

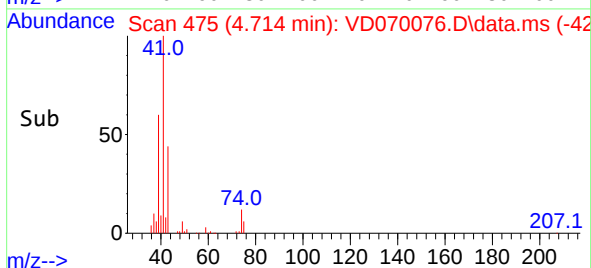
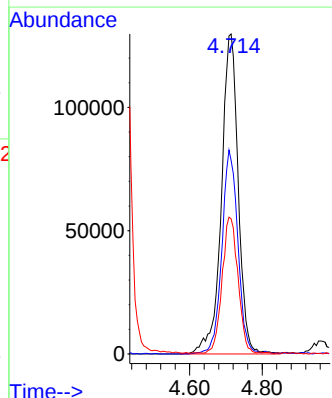
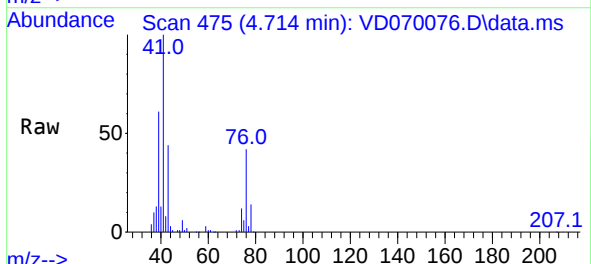
Manual Integrations
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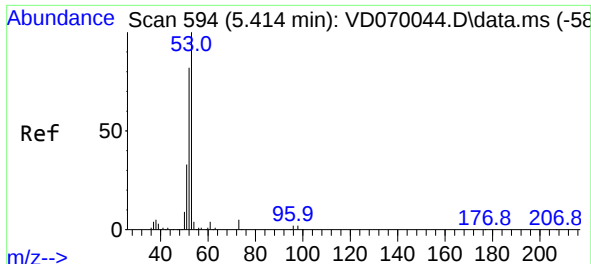
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#14
Allyl chloride
Concen: 48.423 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

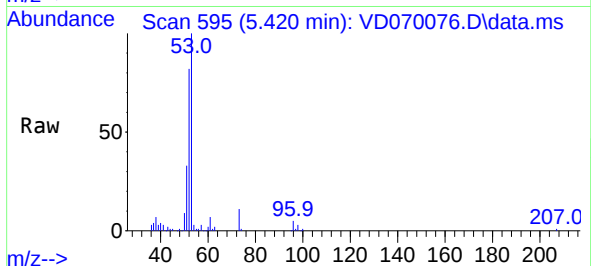
Tgt Ion: 41 Resp: 419017
Ion Ratio Lower Upper
41 100
39 60.5 47.9 71.9
76 39.6 31.6 47.4





#15
Acrylonitrile
Concen: 253.749 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

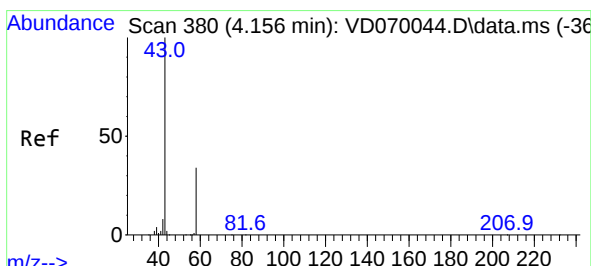
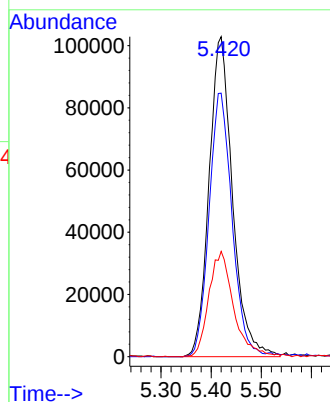
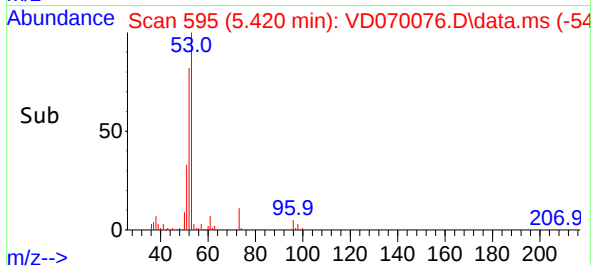
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



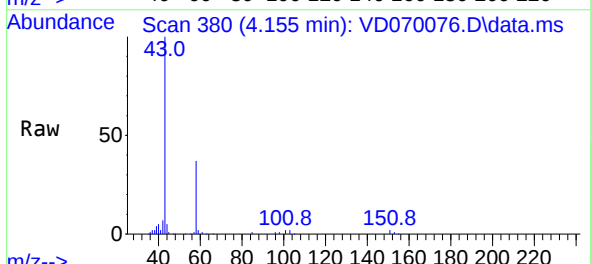
Tgt Ion: 53 Resp: 334110
Ion Ratio Lower Upper
53 100
52 80.8 64.5 96.7
51 34.6 28.2 42.4

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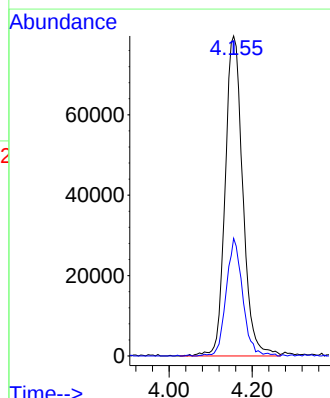
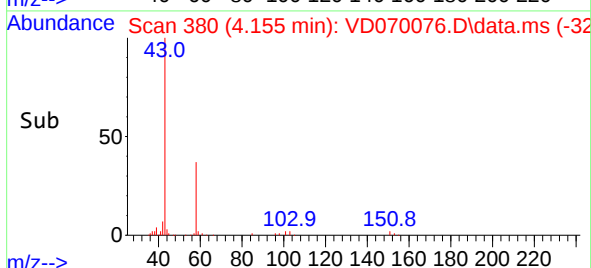
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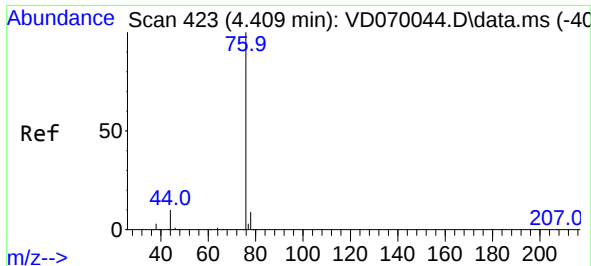


#16
Acetone
Concen: 221.683 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



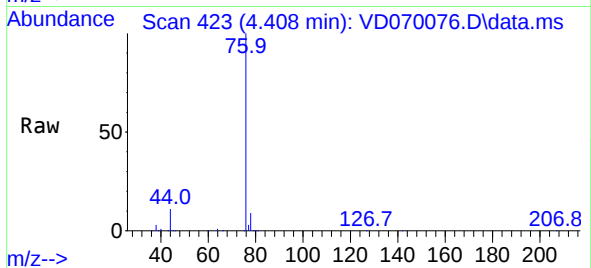
Tgt Ion: 43 Resp: 234461
Ion Ratio Lower Upper
43 100
58 36.8 26.8 40.2





#17
Carbon Disulfide
Concen: 45.508 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

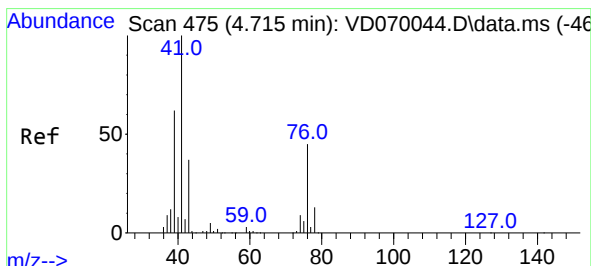
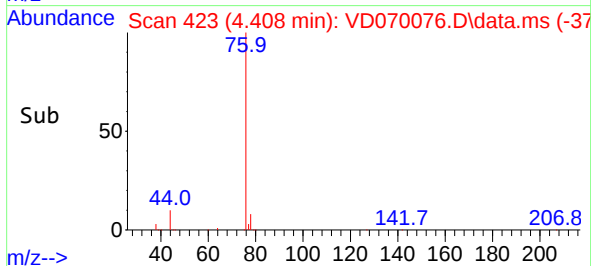
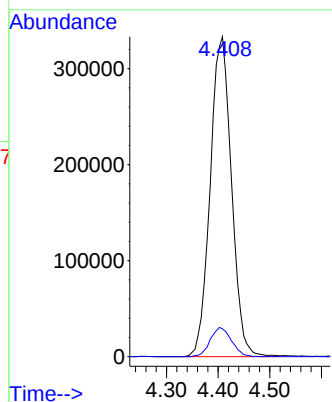
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



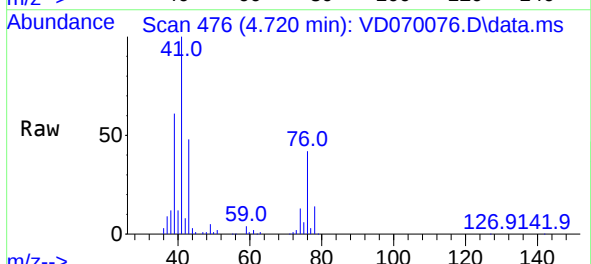
Tgt Ion: 76 Resp: 954191
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

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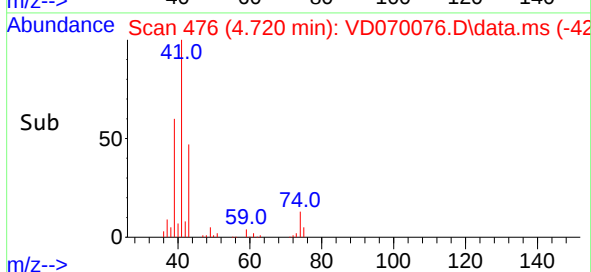
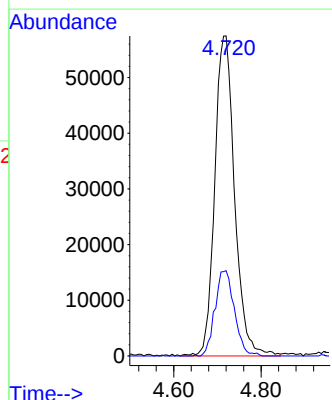
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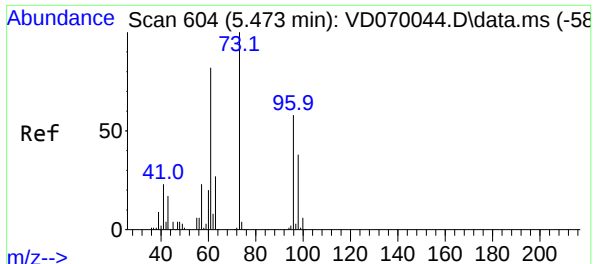


#18
Methyl Acetate
Concen: 57.302 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 43 Resp: 180690
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2





#19

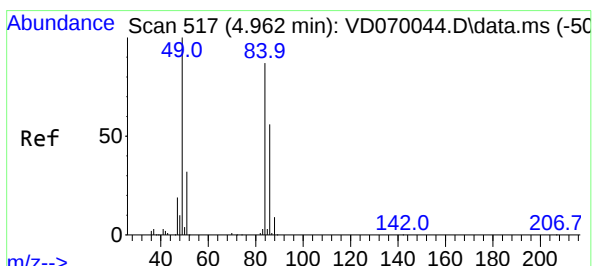
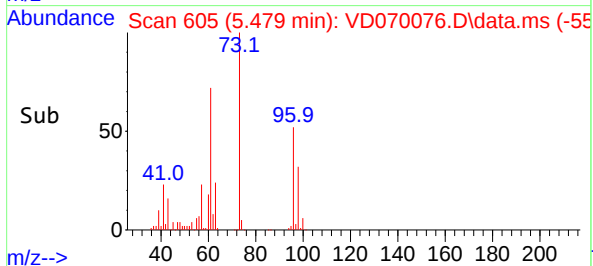
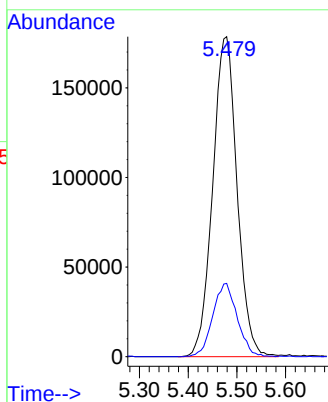
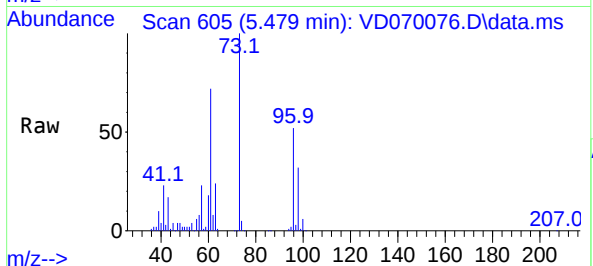
Methyl tert-butyl Ether
Concen: 51.530 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 73 Resp: 620207
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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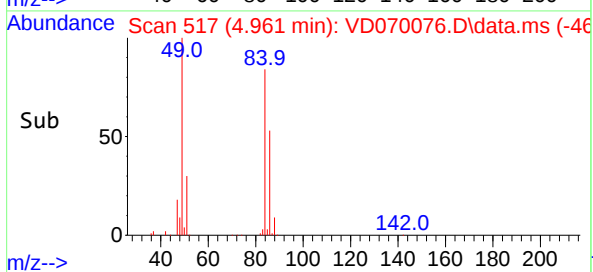
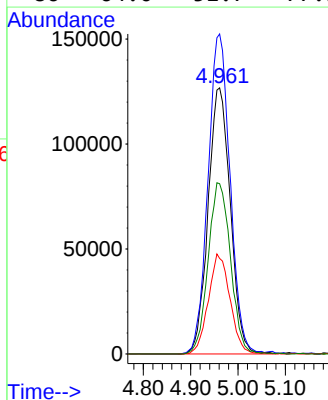
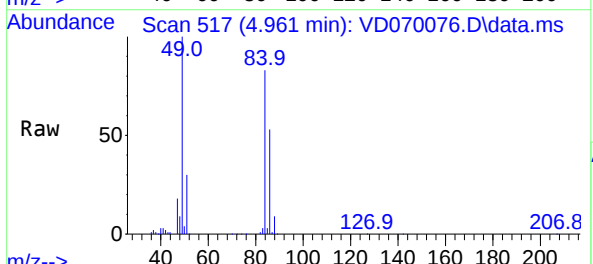
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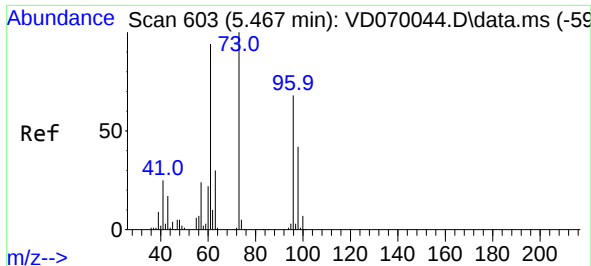


#20

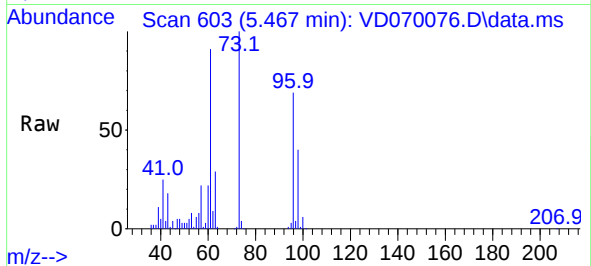
Methylene Chloride
Concen: 58.788 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 84 Resp: 413431
Ion Ratio Lower Upper
84 100
49 120.3 92.5 138.7
51 35.9 29.7 44.5
86 64.0 51.7 77.5

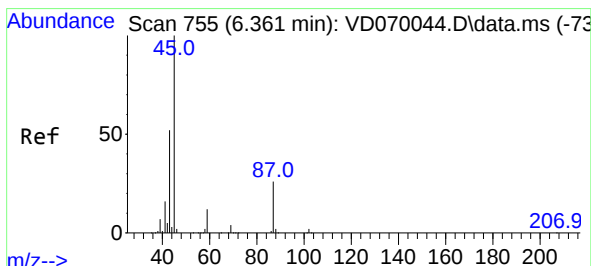
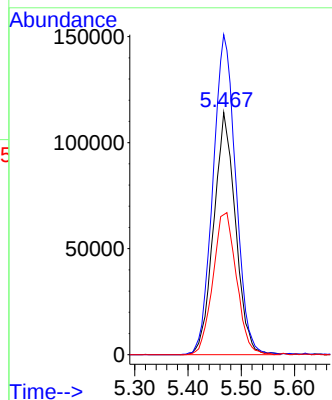
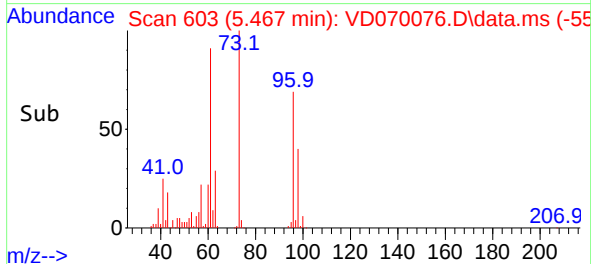




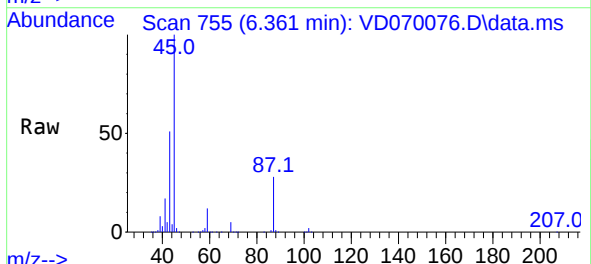
#21
trans-1,2-Dichloroethene
Concen: 48.196 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



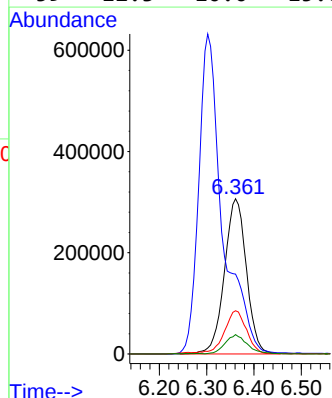
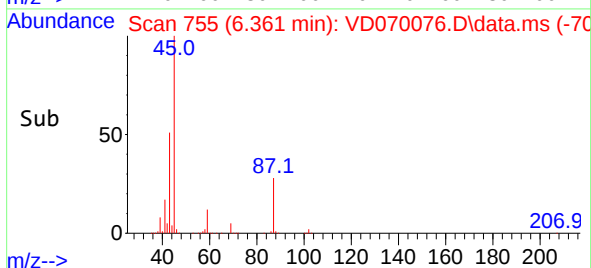
Tgt Ion: 96 Resp: 324667
Ion Ratio Lower Upper
96 100
61 132.1 111.0 166.4
98 57.8 49.0 73.4



#22
Diisopropyl ether
Concen: 54.334 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



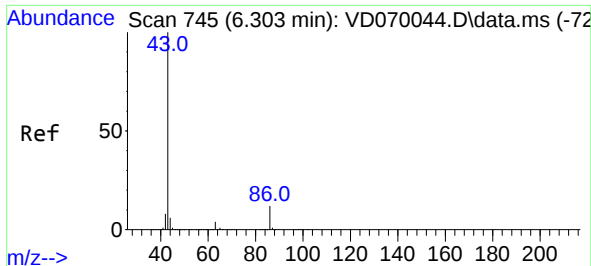
Tgt Ion: 45 Resp: 988839
Ion Ratio Lower Upper
45 100
43 50.7 41.7 62.5
87 27.7 21.0 31.4
59 12.3 10.0 15.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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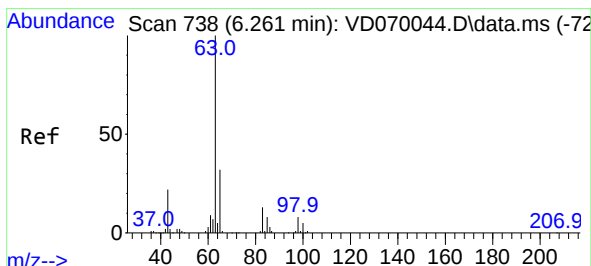
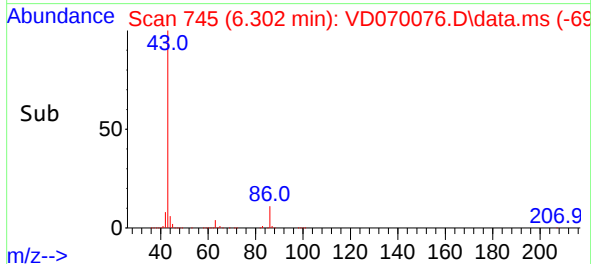
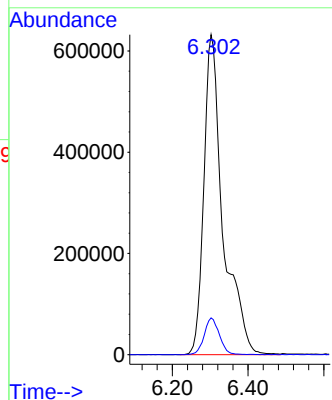
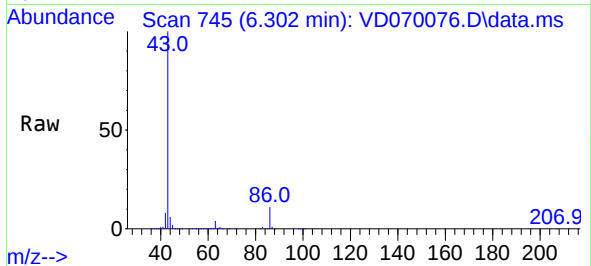
#23
 Vinyl Acetate
 Concen: 268.122 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070076.D
 Acq: 16 Aug 2021 19:40

Tgt Ion: 43 Resp: 2211420
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

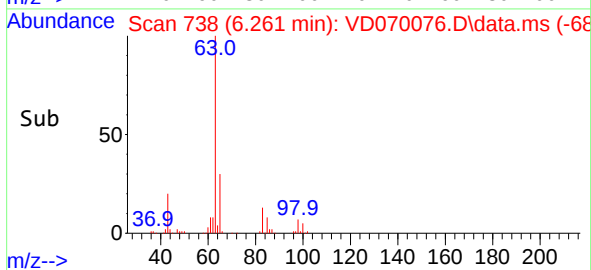
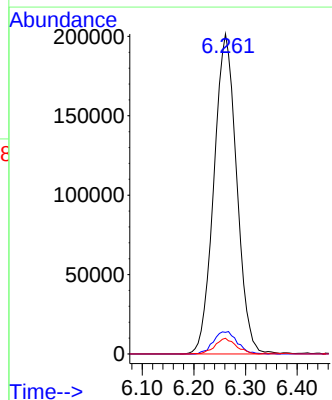
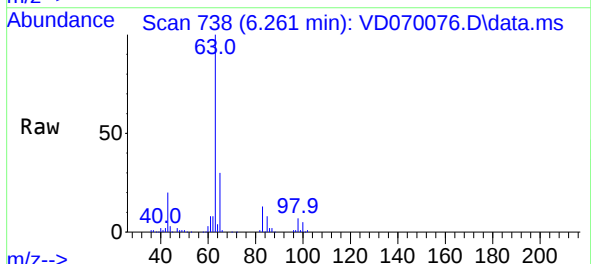
Manual Integrations
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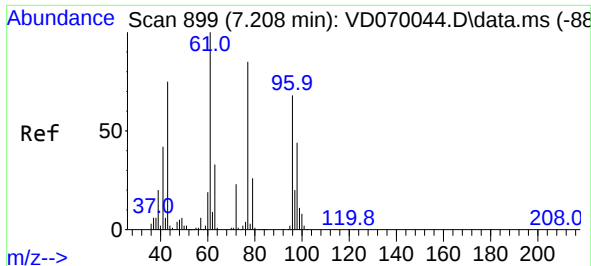
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#24
 1,1-Dichloroethane
 Concen: 49.547 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070076.D
 Acq: 16 Aug 2021 19:40

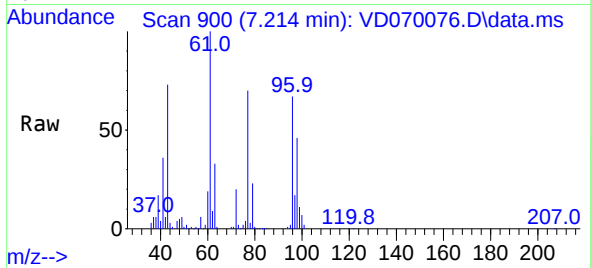
Tgt Ion: 63 Resp: 616943
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.9 2.3 6.9





#25
2-Butanone
Concen: 258.756 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

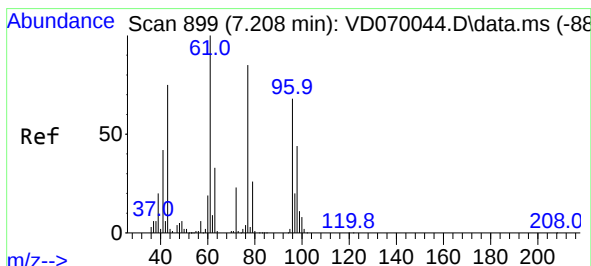
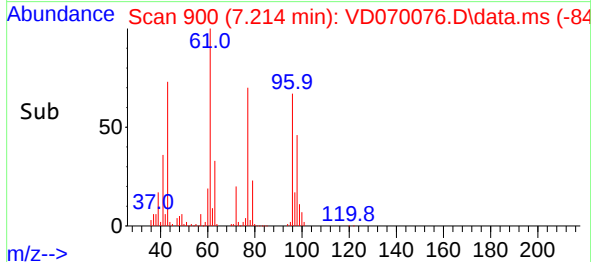
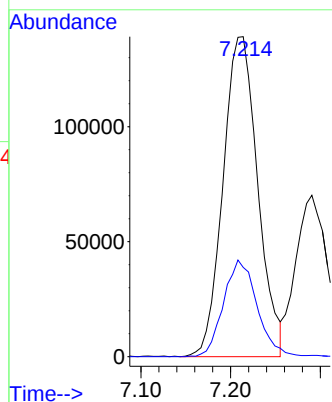
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 373953
Ion Ratio Lower Upper
43 100
72 27.9 24.2 36.4

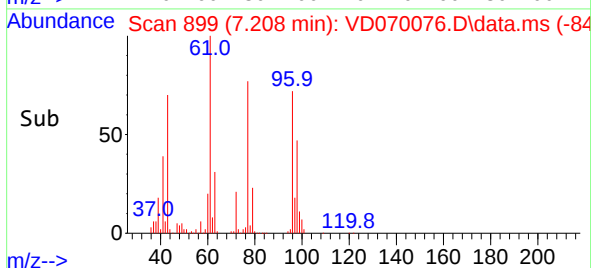
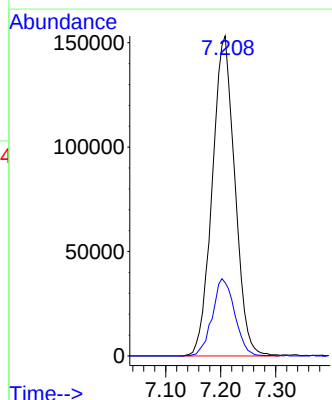
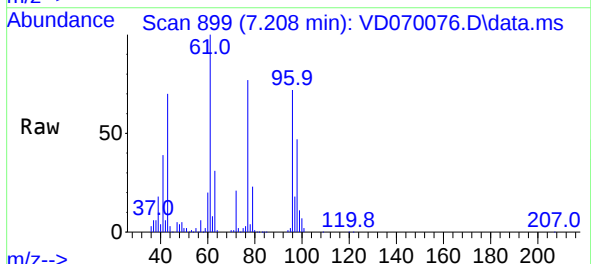
Manual Integrations
APPROVED

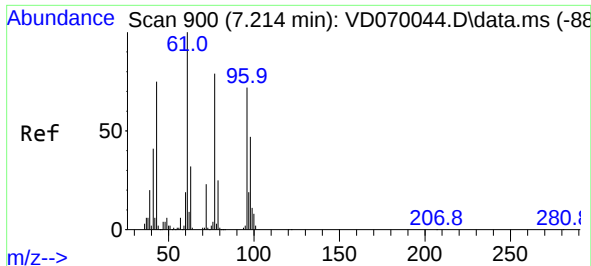
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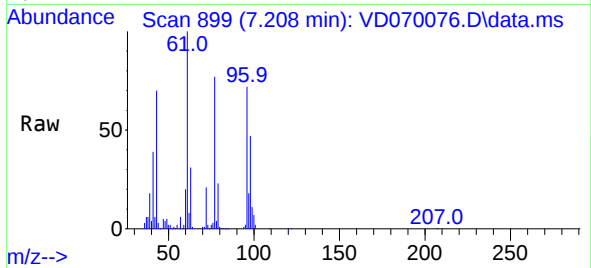
#26
2,2-Dichloropropane
Concen: 45.118 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 77 Resp: 437420
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.5

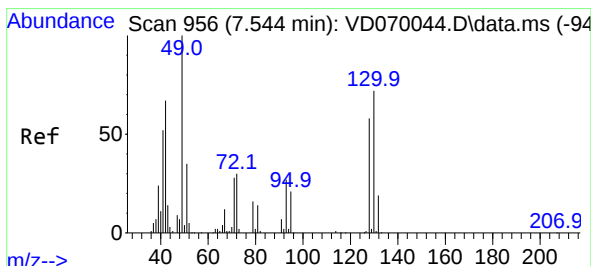
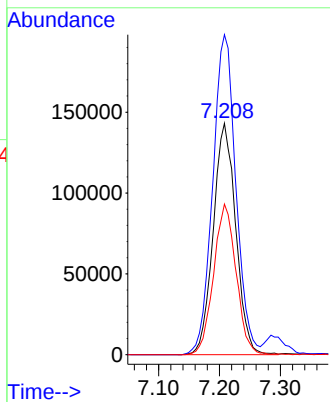
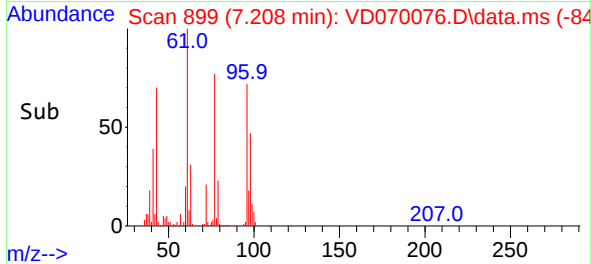




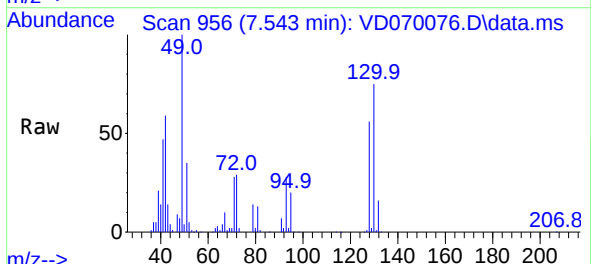
#27
cis-1,2-Dichloroethene
Concen: 51.460 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



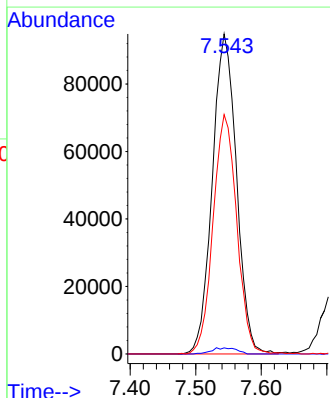
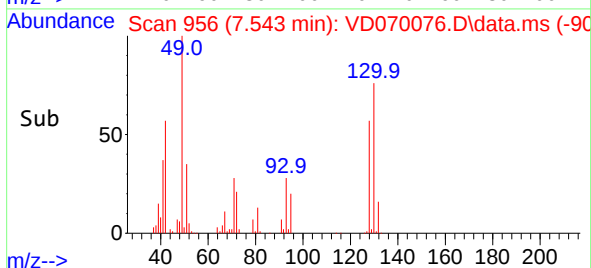
Tgt Ion: 96 Resp: 368137
Ion Ratio Lower Upper
96 100
61 142.2 0.0 288.2
98 64.9 0.0 129.6



#28
Bromochloromethane
Concen: 53.552 ug/l
RT: 7.543 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



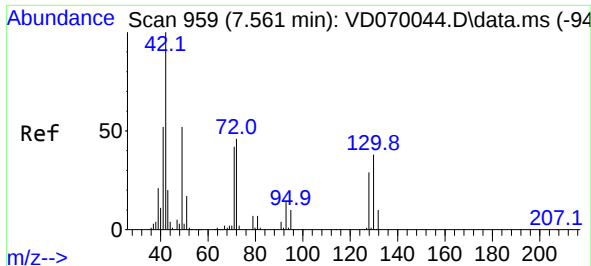
Tgt Ion: 49 Resp: 242653
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 73.4 57.6 86.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

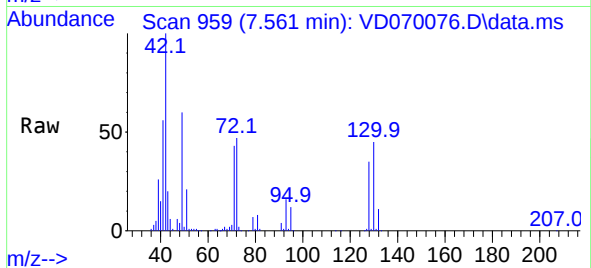
Manual Integrations
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#29
Tetrahydrofuran
Concen: 270.242 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

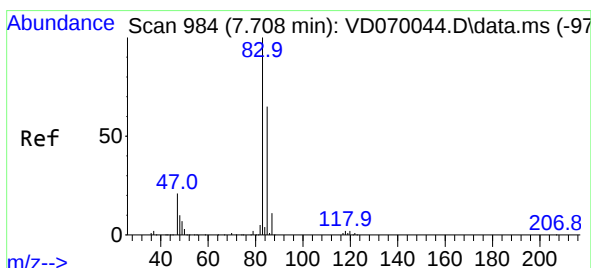
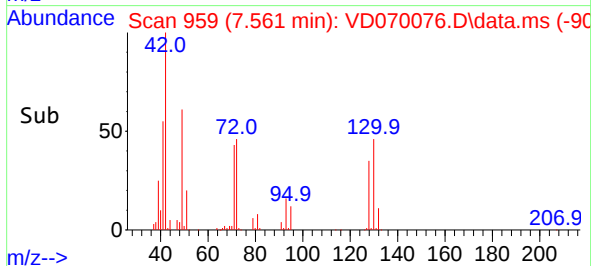
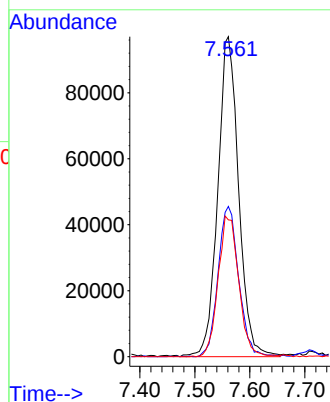
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 255737
Ion Ratio Lower Upper
42 100
72 46.6 37.5 56.3
71 43.4 33.6 50.4

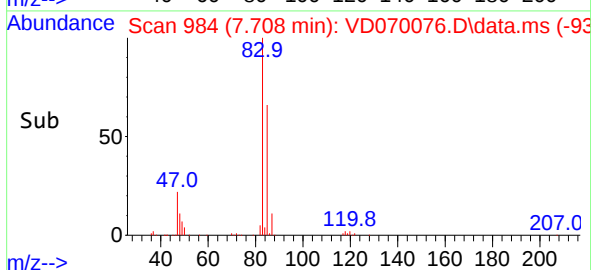
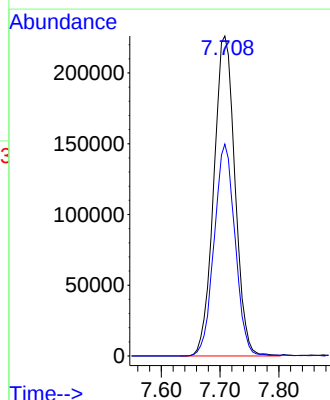
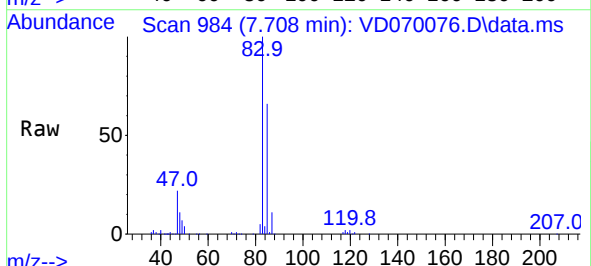
Manual Integrations
APPROVED

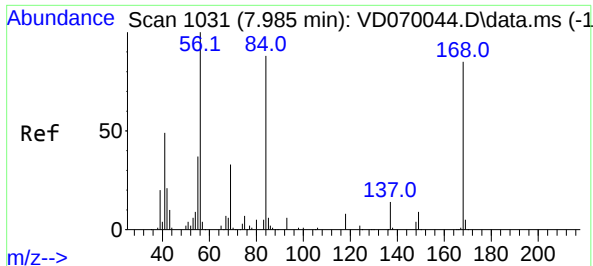
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#30
Chloroform
Concen: 46.250 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

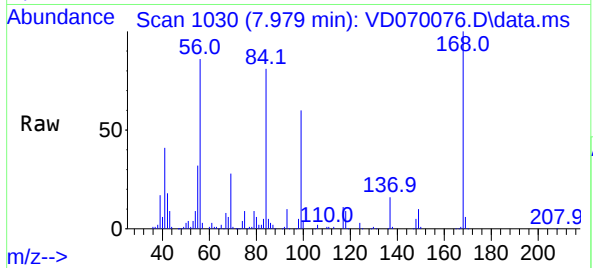
Tgt Ion: 83 Resp: 566360
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8





#31
Cyclohexane
Concen: 41.561 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

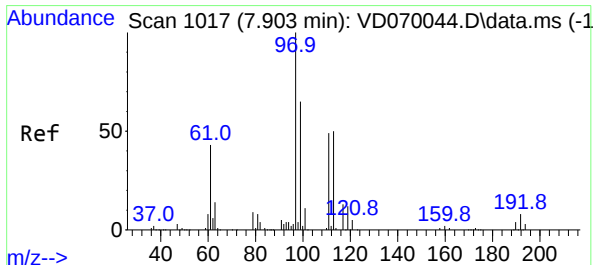
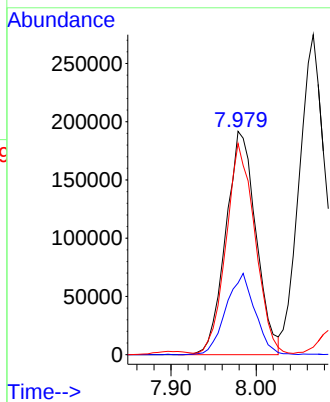
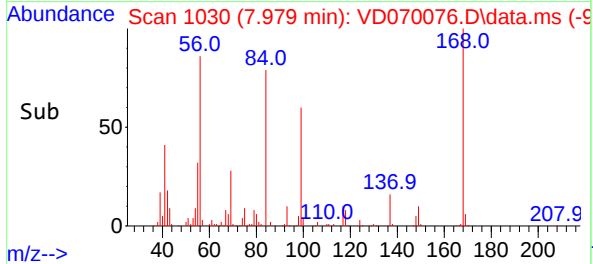
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



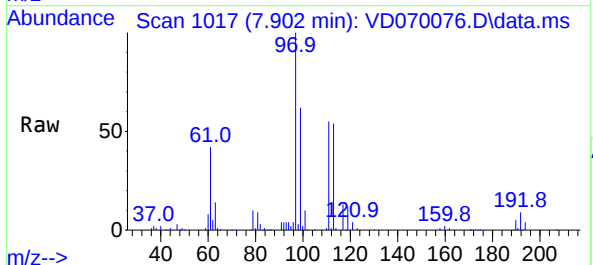
Tgt Ion: 56 Resp: 472291
Ion Ratio Lower Upper
56 100
69 32.1 26.7 40.1
84 93.2 70.4 105.6

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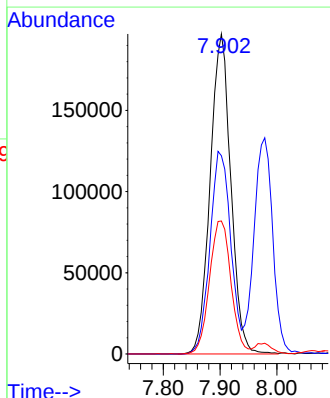
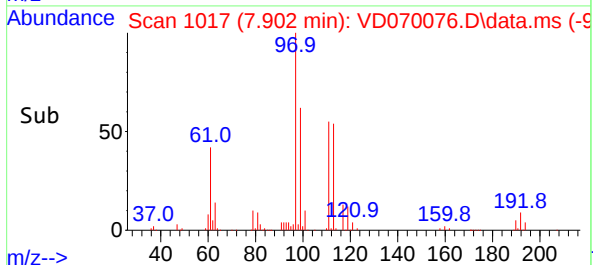
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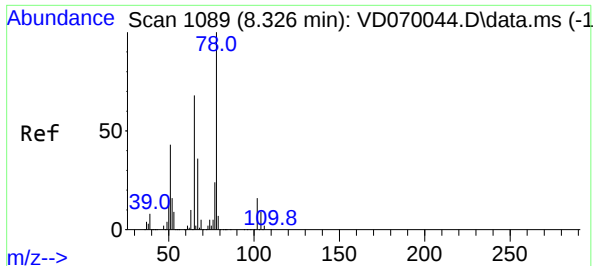


#32
1,1,1-Trichloroethane
Concen: 48.520 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 97 Resp: 496508
Ion Ratio Lower Upper
97 100
99 63.7 52.4 78.6
61 43.5 34.4 51.6





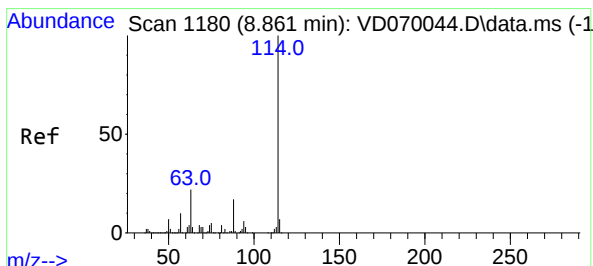
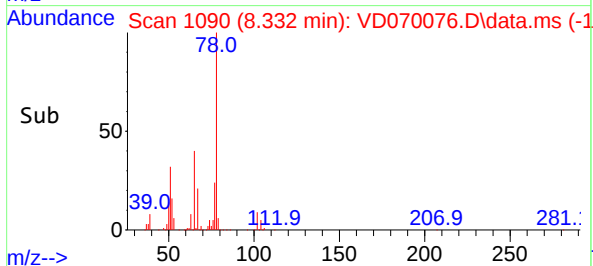
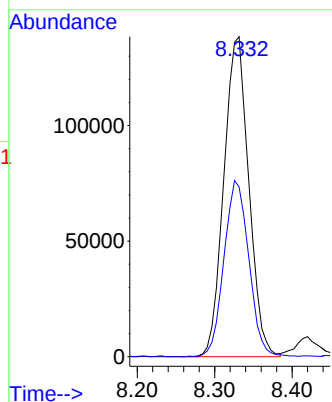
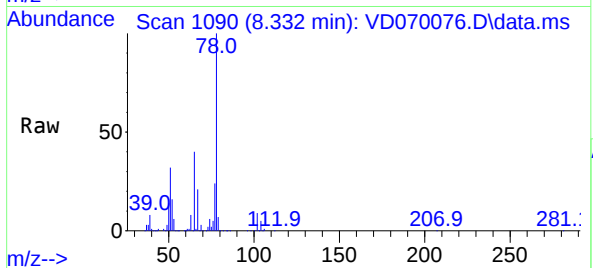
#33
1,2-Dichloroethane-d4
Concen: 54.025 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 65 Resp: 310174
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

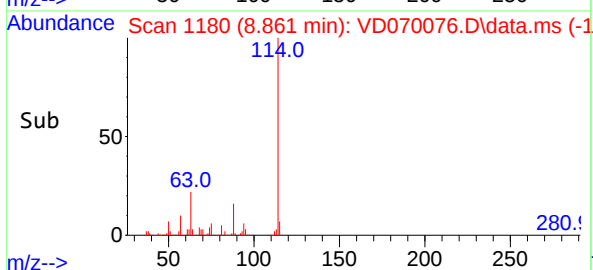
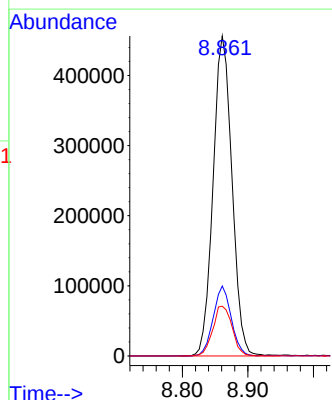
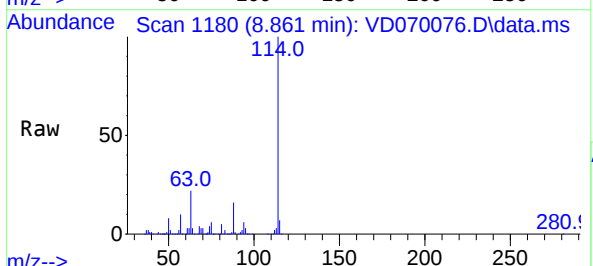
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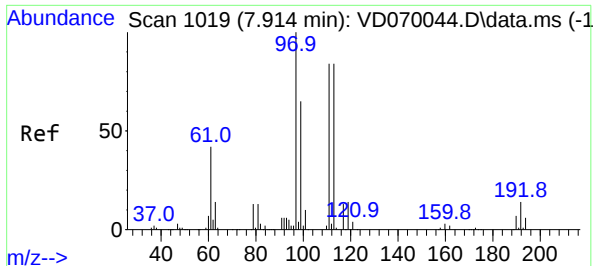
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 114 Resp: 912291
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 15.6 0.0 33.4





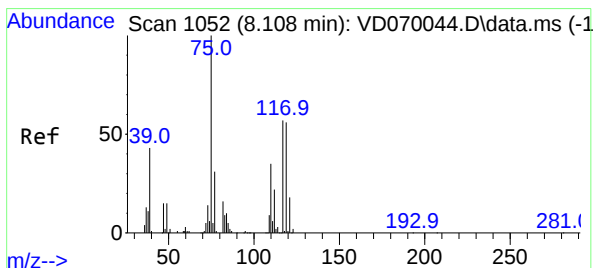
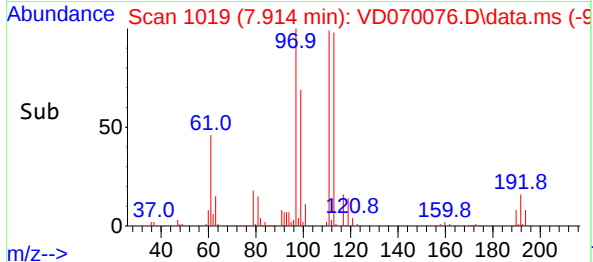
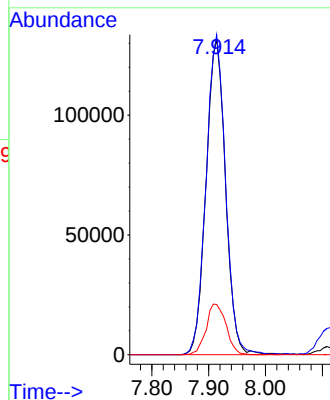
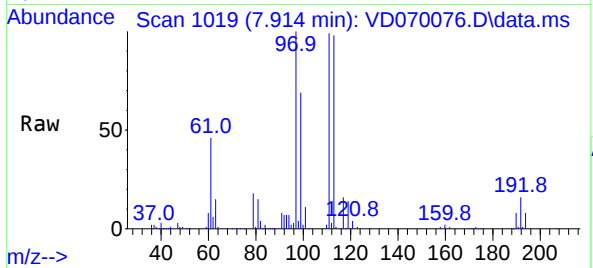
#35
Dibromofluoromethane
Concen: 52.984 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 113 Resp: 312286
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.5 13.2 19.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

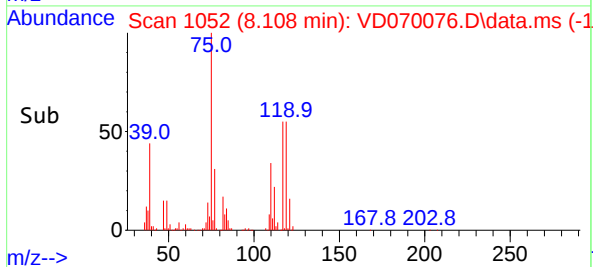
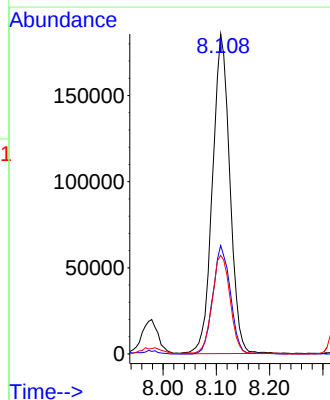
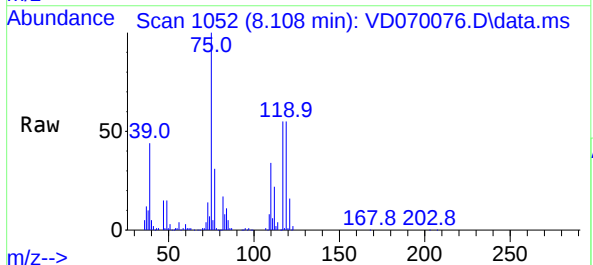
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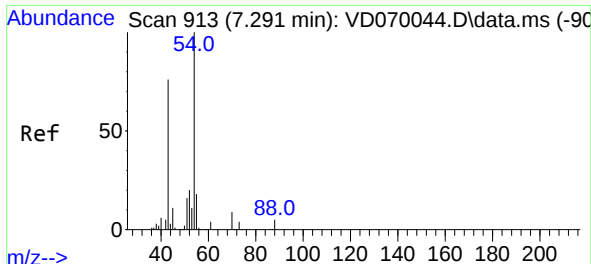
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#36
1,1-Dichloropropene
Concen: 42.810 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

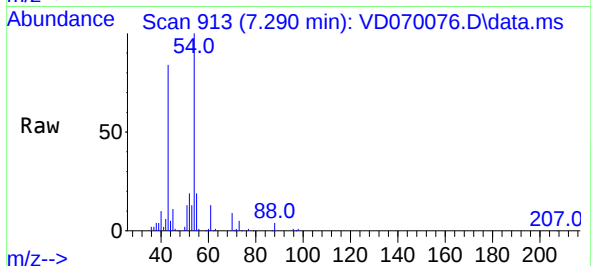
Tgt Ion: 75 Resp: 420148
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.7
77 31.8 25.2 37.8





#37
Ethyl Acetate
Concen: 50.924 ug/l
RT: 7.290 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

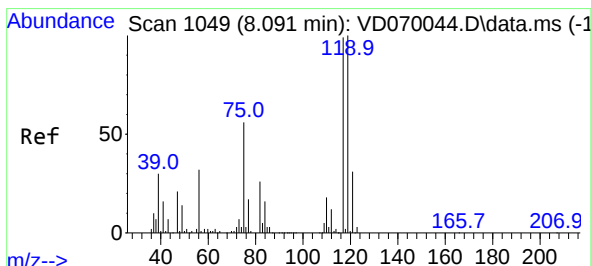
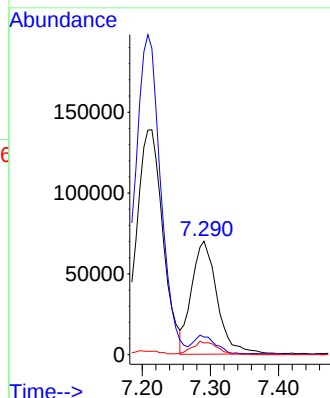
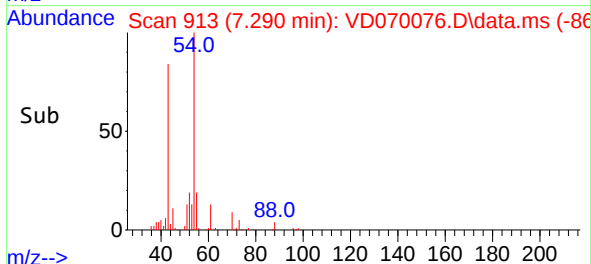
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



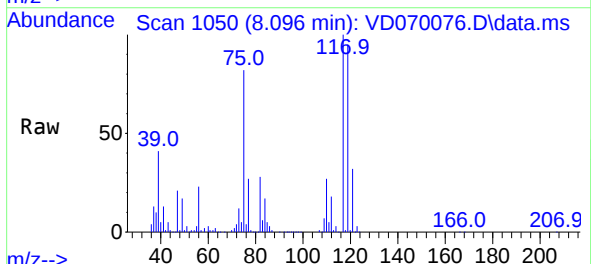
Tgt Ion: 43 Resp: 181535
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.6
70 11.5 9.0 13.6

Manual Integrations
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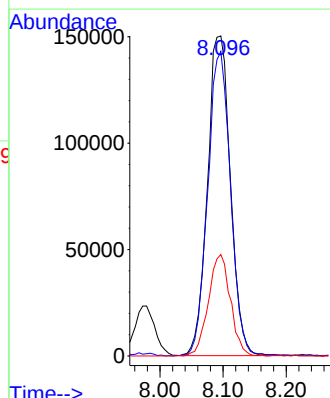
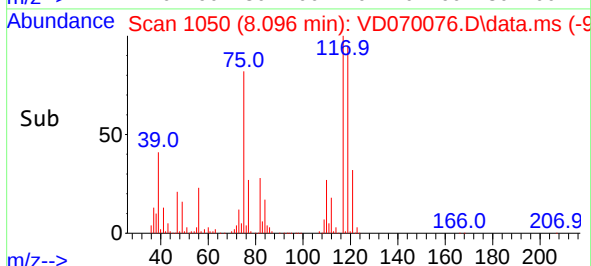
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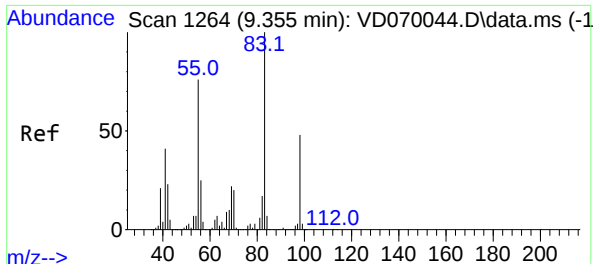


#38
Carbon Tetrachloride
Concen: 42.636 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 117 Resp: 379882
Ion Ratio Lower Upper
117 100
119 95.1 81.0 121.6
121 31.6 25.0 37.6





#39

Methylcyclohexane

Concen: 42.358 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD070076.D

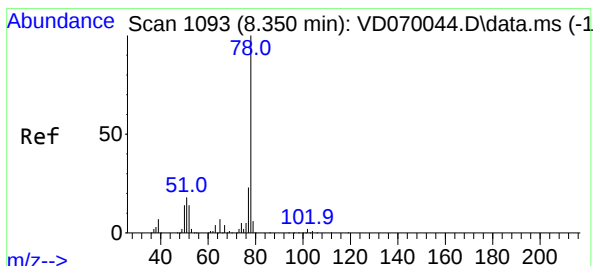
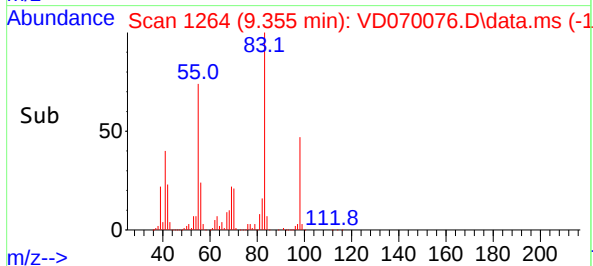
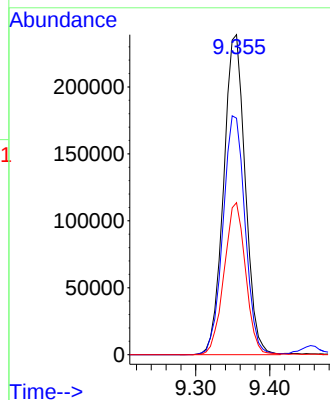
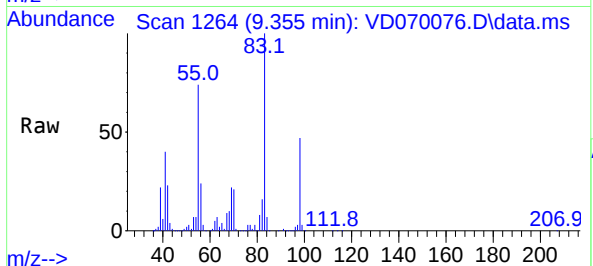
Acq: 16 Aug 2021 19:40

Tgt Ion:	83	Resp:	484016
Ion	Ratio	Lower	Upper
83	100		
55	73.9	60.7	91.1
98	47.5	38.6	58.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#40

Benzene

Concen: 49.072 ug/l

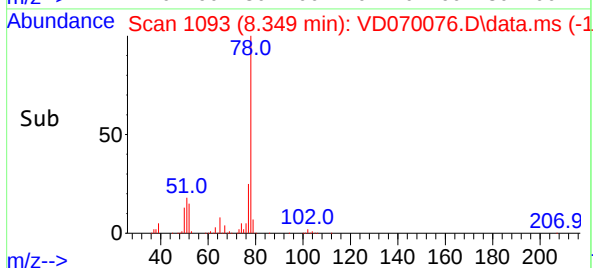
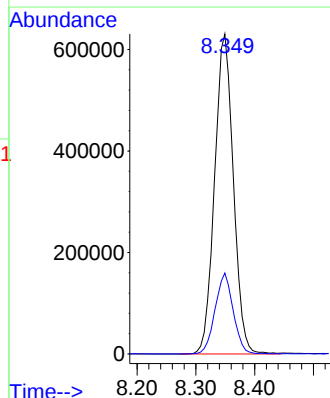
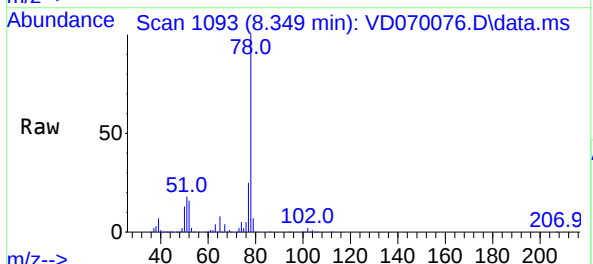
RT: 8.349 min Scan# 1093

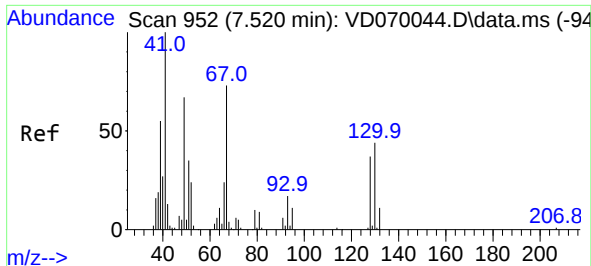
Delta R.T. -0.000 min

Lab File: VD070076.D

Acq: 16 Aug 2021 19:40

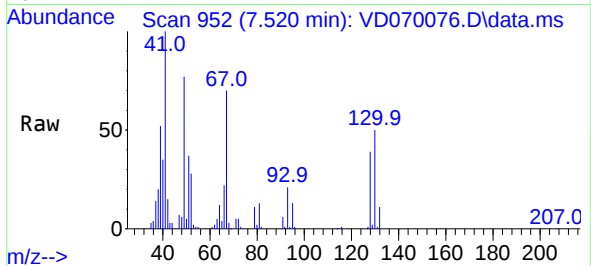
Tgt Ion:	78	Resp:	1396912
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.6	27.8





#41
Methacrylonitrile
Concen: 56.591 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

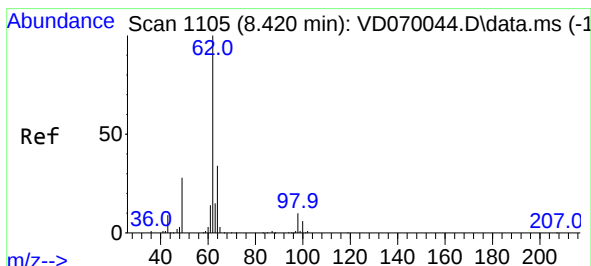
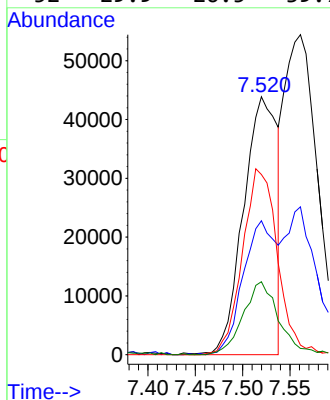
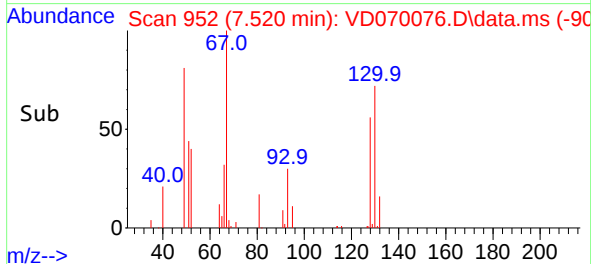
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



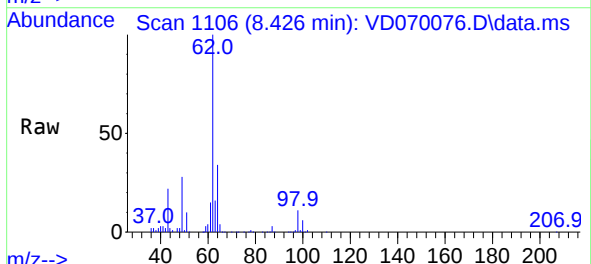
Tgt Ion: 41 Resp: 109068
Ion Ratio Lower Upper
41 100
39 51.0 47.7 71.5
67 74.6 68.2 102.2
52 29.9 26.5 39.7

Manual Integrations
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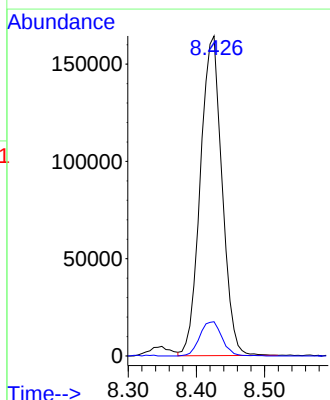
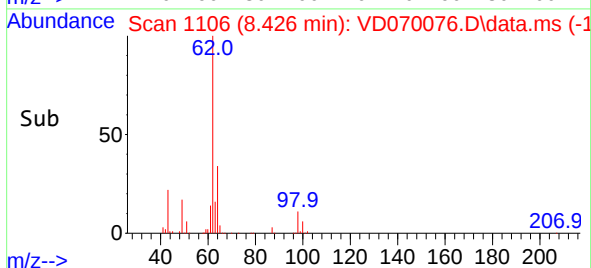
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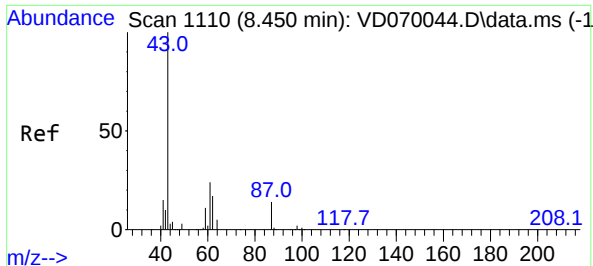


#42
1,2-Dichloroethane
Concen: 49.780 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



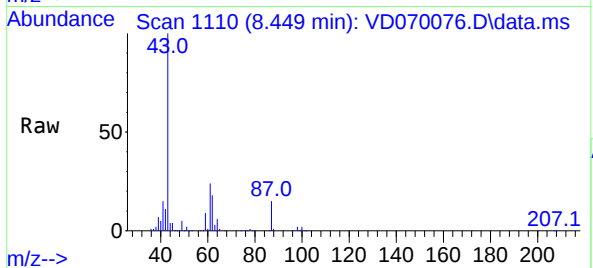
Tgt Ion: 62 Resp: 363167
Ion Ratio Lower Upper
62 100
98 11.0 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.743 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

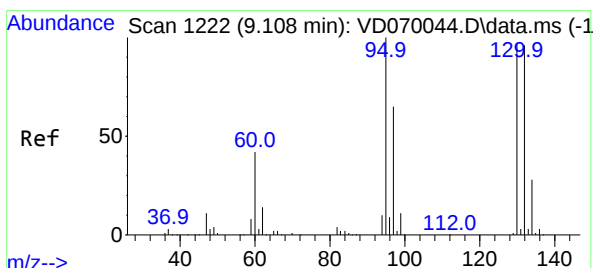
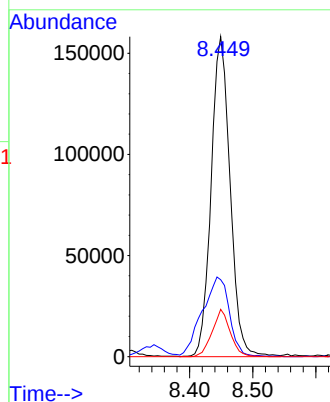
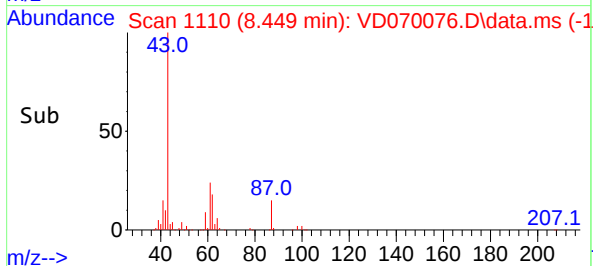
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



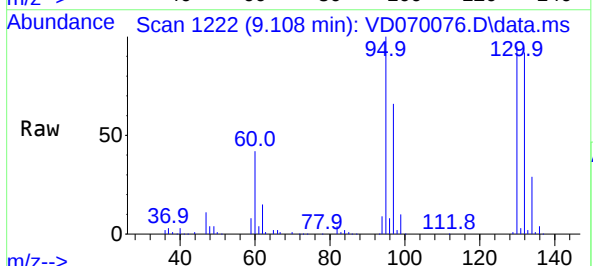
Tgt Ion: 43 Resp: 331049
Ion Ratio Lower Upper
43 100
61 35.1 27.7 41.5
87 14.1 11.5 17.3

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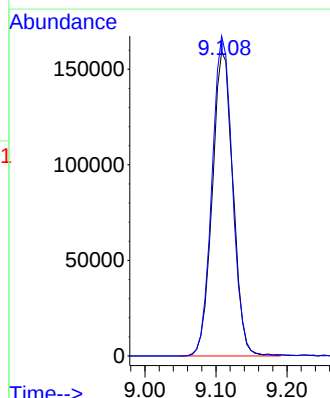
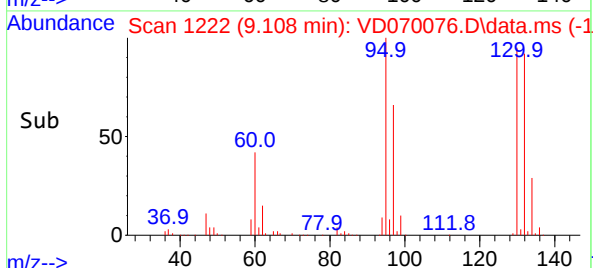
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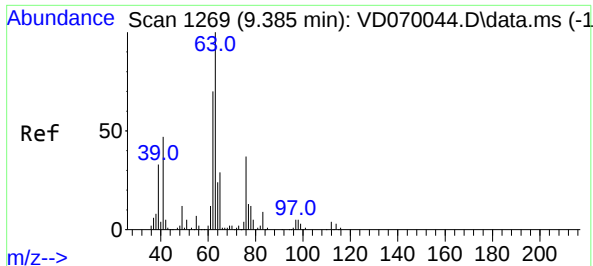


#44
Trichloroethene
Concen: 46.809 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 130 Resp: 321886
Ion Ratio Lower Upper
130 100
95 105.2 0.0 206.4





#45

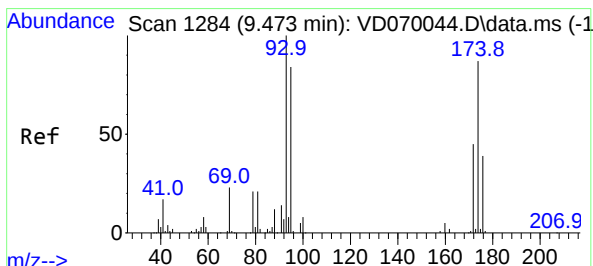
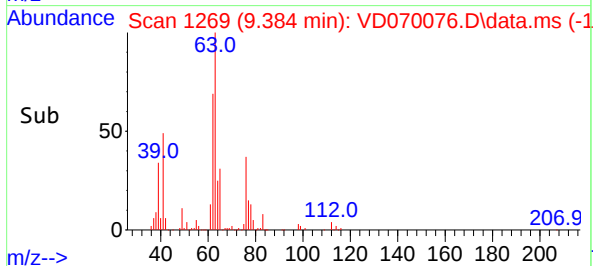
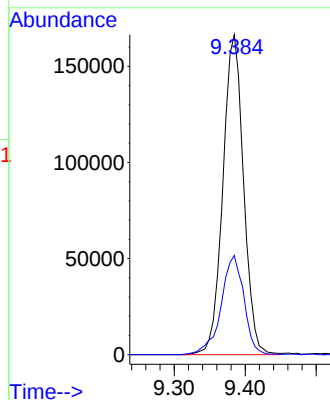
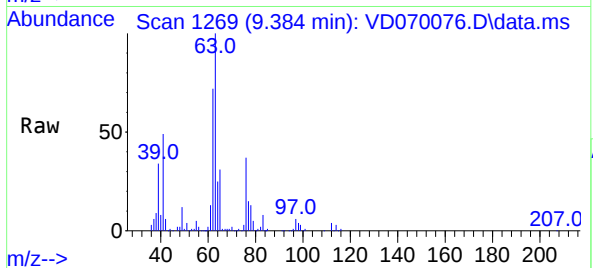
1,2-Dichloropropane
Concen: 45.498 ug/l
RT: 9.384 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 63 Resp: 336419
Ion Ratio Lower Upper
63 100
65 31.0 23.4 35.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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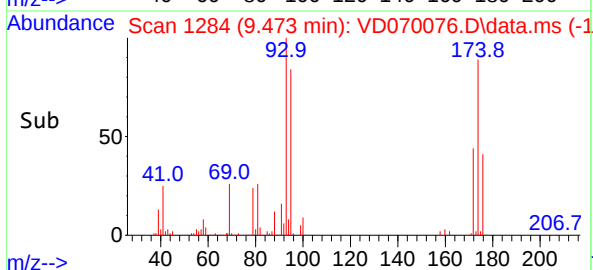
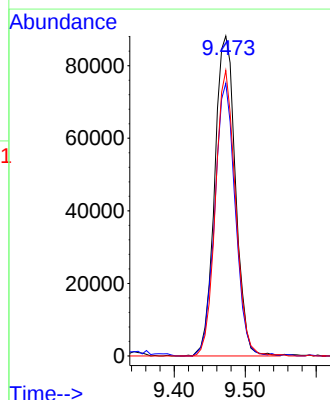
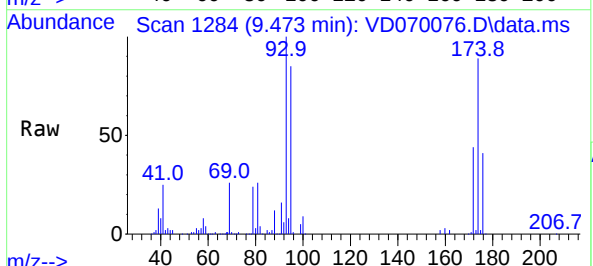
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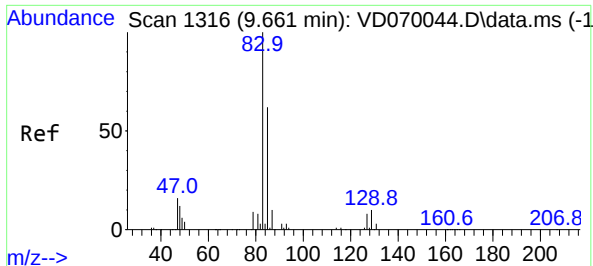


#46

Dibromomethane
Concen: 49.849 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

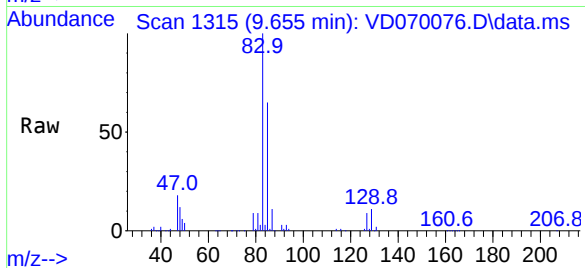
Tgt Ion: 93 Resp: 179028
Ion Ratio Lower Upper
93 100
95 83.6 68.1 102.1
174 85.8 68.2 102.4





#47
Bromodichloromethane
Concen: 49.463 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

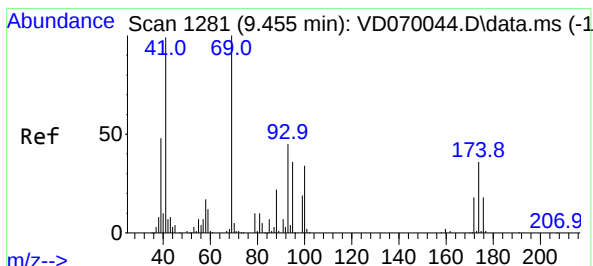
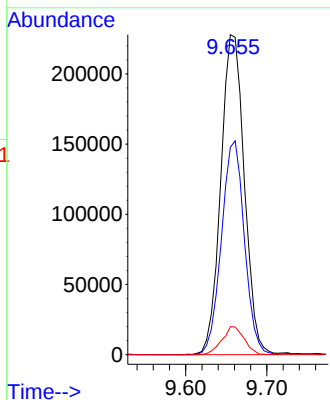
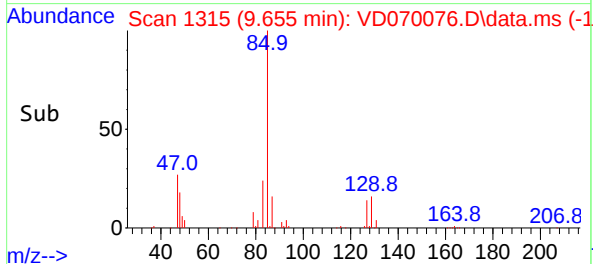
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



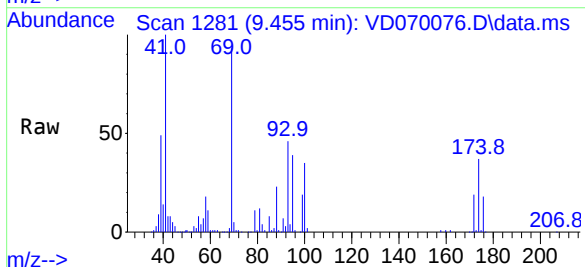
Tgt Ion: 83 Resp: 459597
Ion Ratio Lower Upper
83 100
85 64.9 49.6 74.4
127 8.7 6.8 10.2

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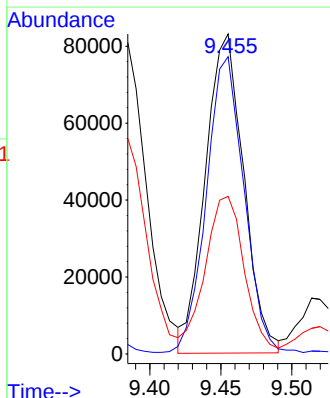
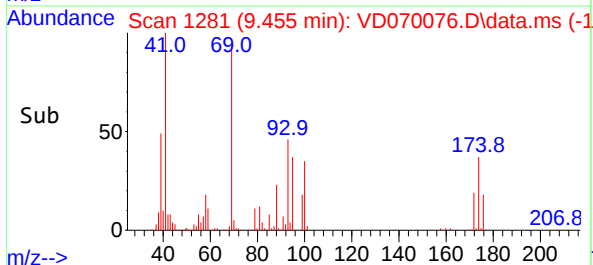
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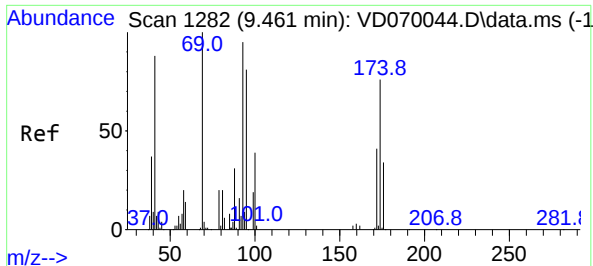


#48
Methyl methacrylate
Concen: 49.173 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 41 Resp: 156060
Ion Ratio Lower Upper
41 100
69 90.8 74.6 111.8
39 50.1 35.9 53.9





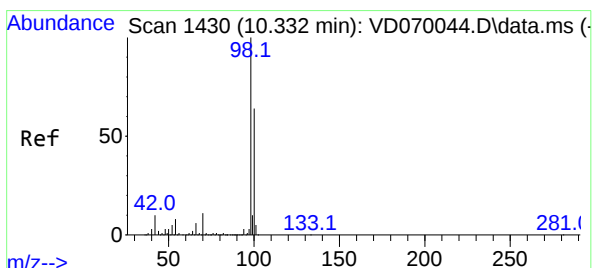
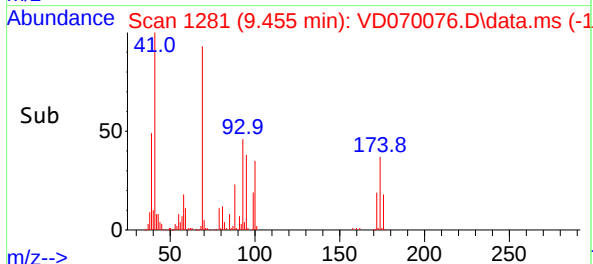
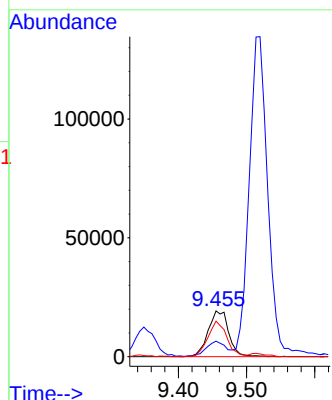
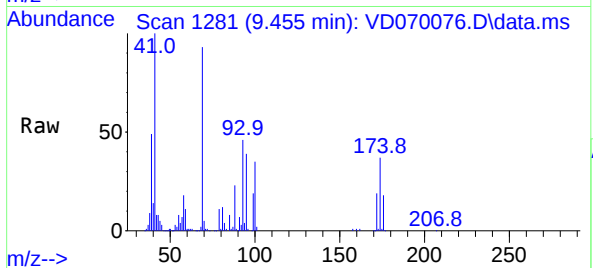
#49
1,4-Dioxane
Concen: 1041.727 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 88 Resp: 40715
Ion Ratio Lower Upper
88 100
43 31.5 25.8 38.6
58 70.8 57.4 86.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

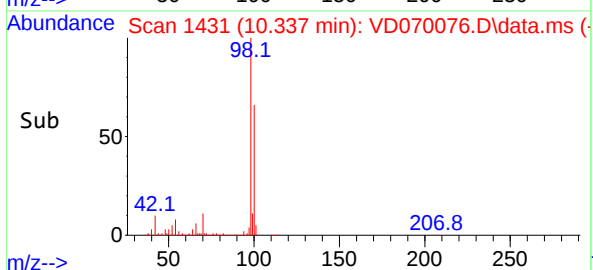
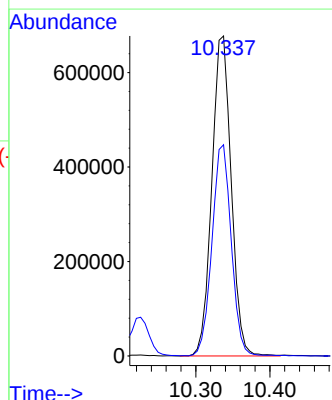
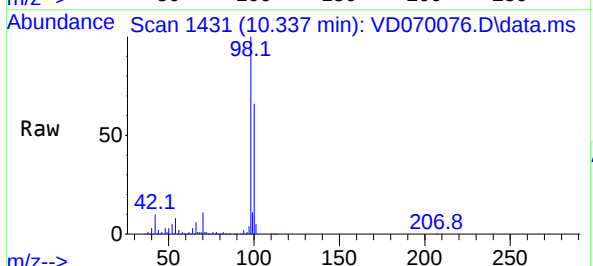
Manual Integrations
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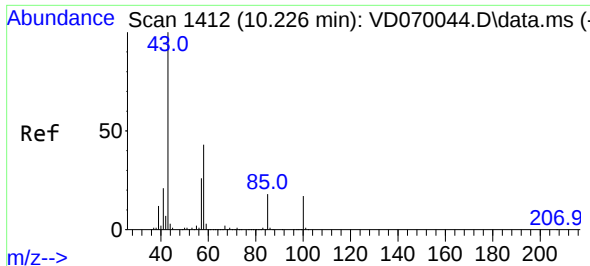
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#50
Toluene-d8
Concen: 53.578 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

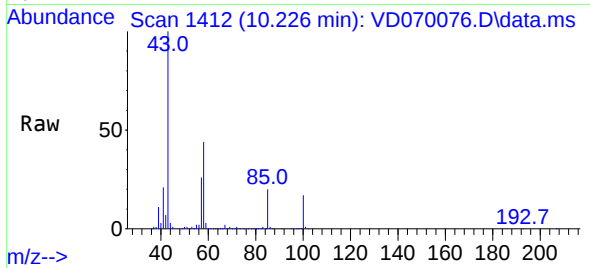
Tgt Ion: 98 Resp: 1228236
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 262.987 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

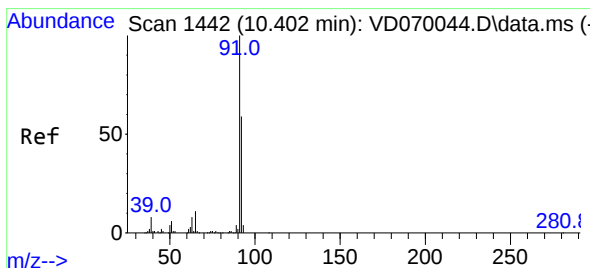
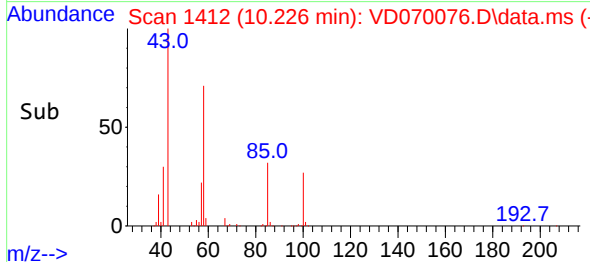
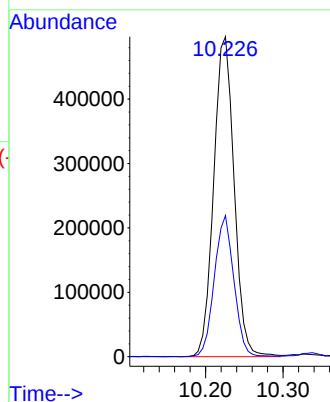
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 910067
Ion Ratio Lower Upper
43 100
58 42.3 33.9 50.9

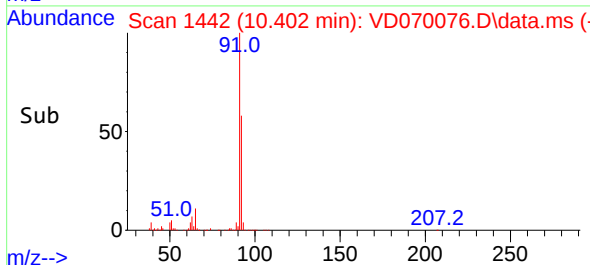
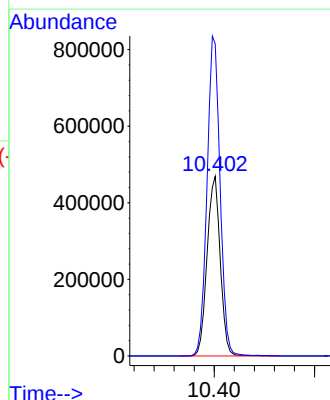
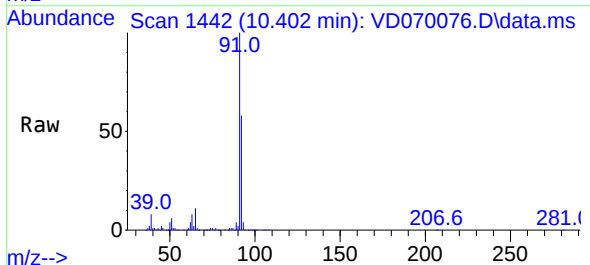
Manual Integrations
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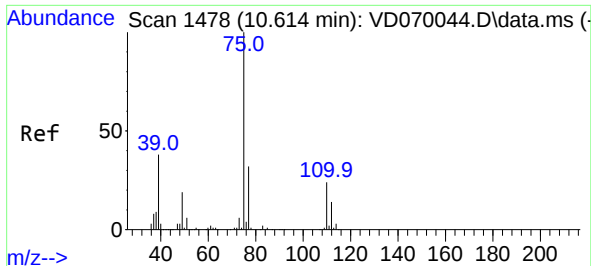
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#52
Toluene
Concen: 49.295 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 92 Resp: 854111
Ion Ratio Lower Upper
92 100
91 176.1 137.2 205.8





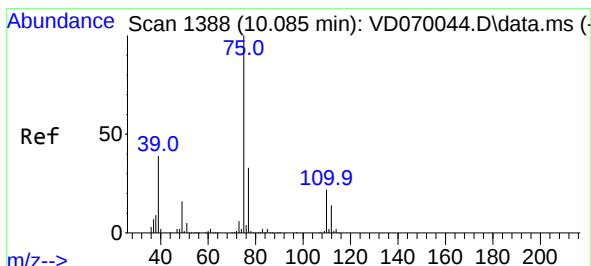
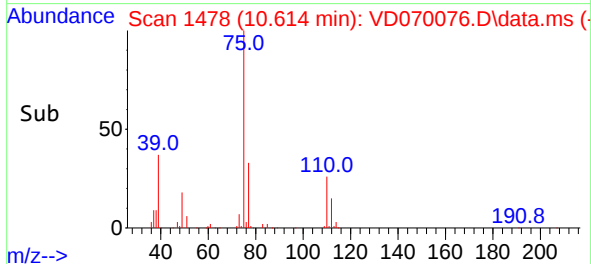
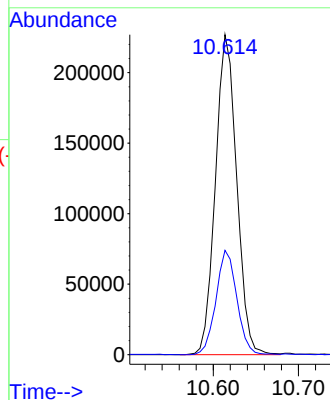
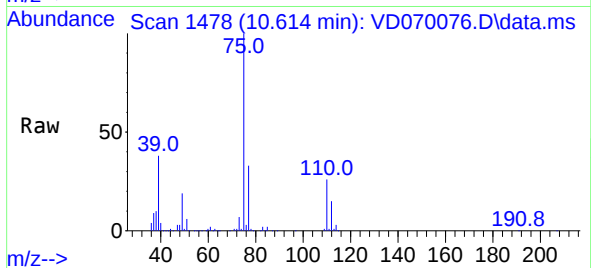
#53
t-1,3-Dichloropropene
Concen: 47.775 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 75 Resp: 393202
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

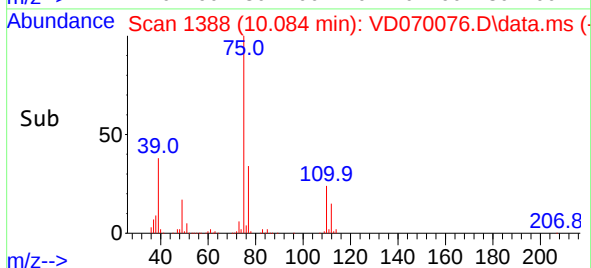
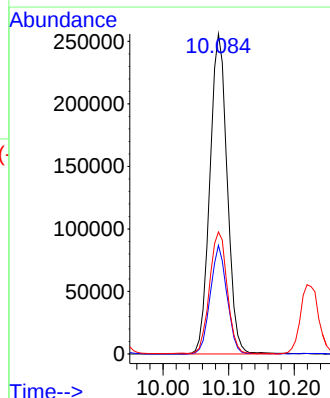
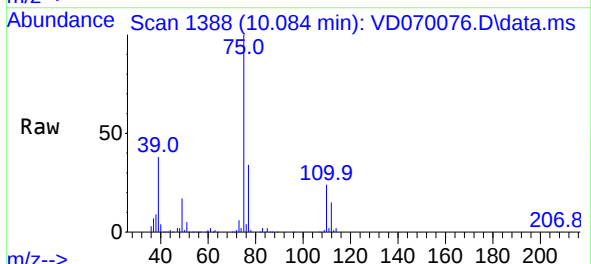
Manual Integrations
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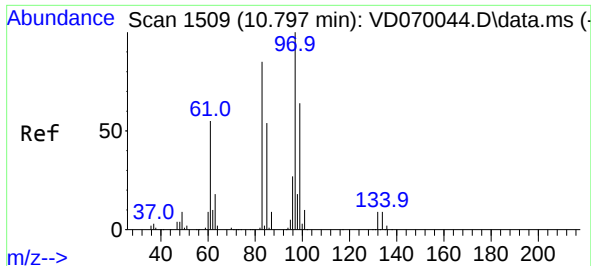
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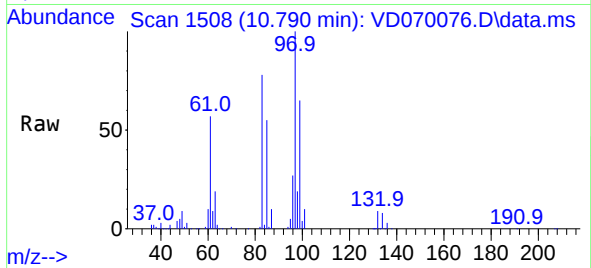
#54
cis-1,3-Dichloropropene
Concen: 46.984 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 75 Resp: 469347
Ion Ratio Lower Upper
75 100
77 33.9 26.3 39.5
39 38.1 31.4 47.2



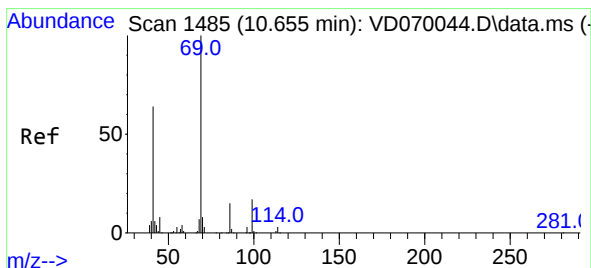
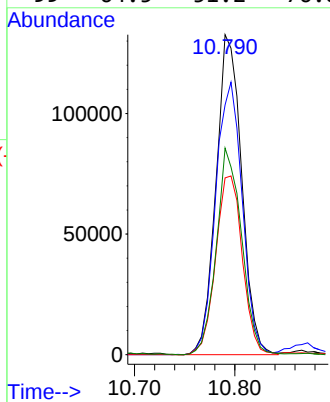
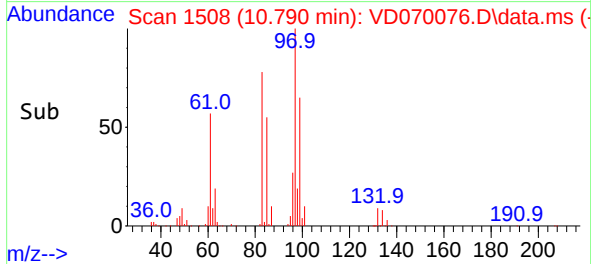


#55
1,1,2-Trichloroethane
Concen: 46.271 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

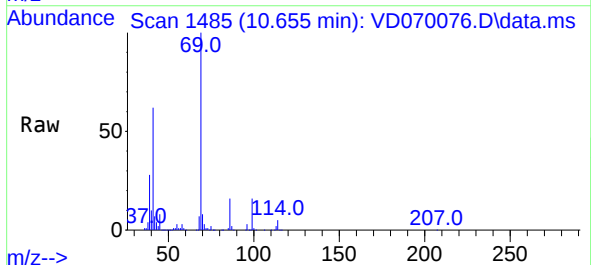


Tgt Ion: 97 Resp: 235452

Ion	Ratio	Lower	Upper
97	100		
83	77.9	67.8	101.6
85	55.3	43.4	65.0
99	64.5	51.2	76.8

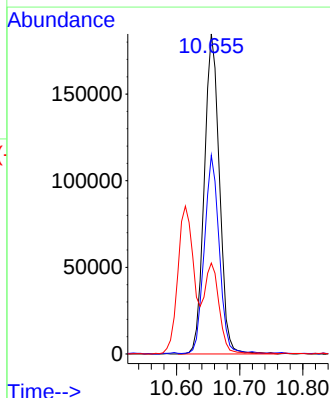
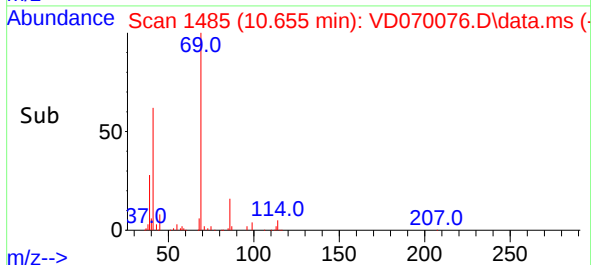


#56
Ethyl methacrylate
Concen: 53.141 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion: 69 Resp: 307722

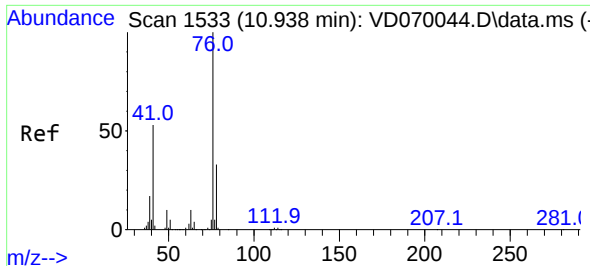
Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.9	73.3
39	26.6	21.6	32.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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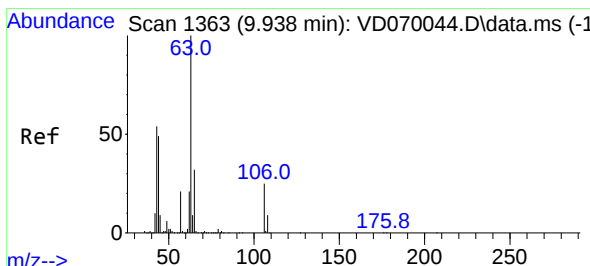
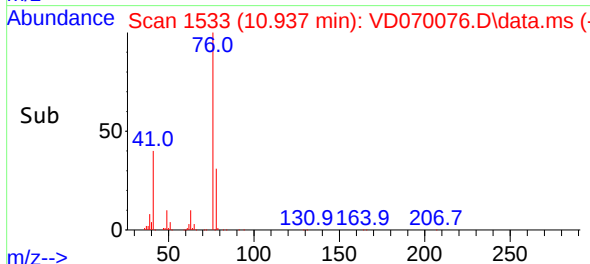
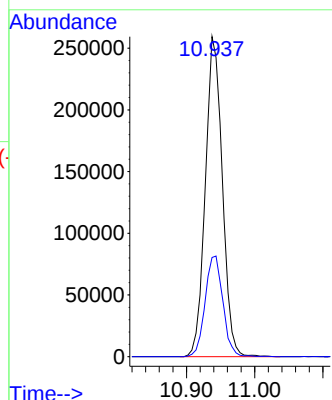
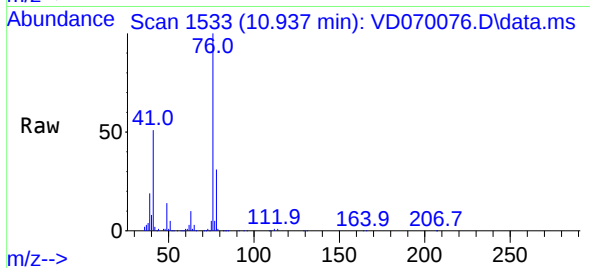
#57
1,3-Dichloropropane
Concen: 51.074 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 76 Resp: 449922
Ion Ratio Lower Upper
76 100
78 32.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

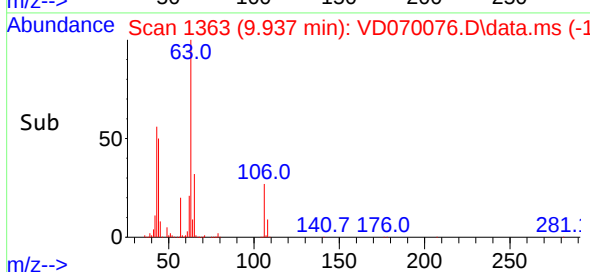
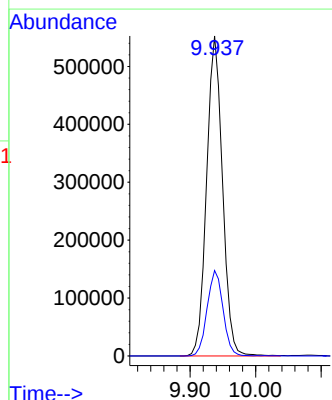
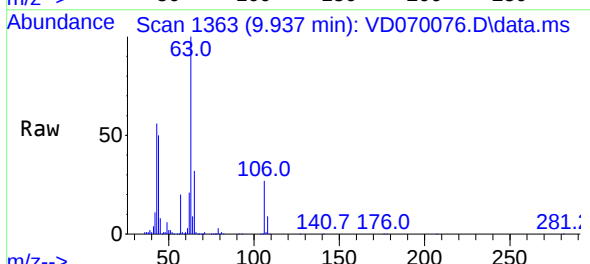
Manual Integrations
APPROVED

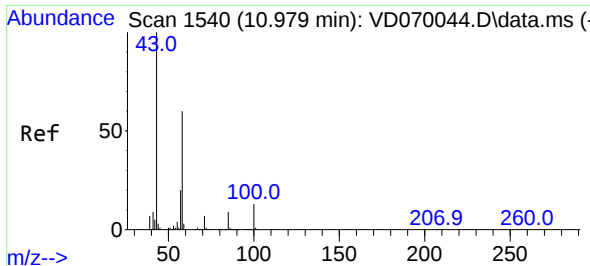
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#58
2-Chloroethyl Vinyl ether
Concen: 305.223 ug/l
RT: 9.937 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 63 Resp: 932203
Ion Ratio Lower Upper
63 100
106 26.7 21.2 31.8





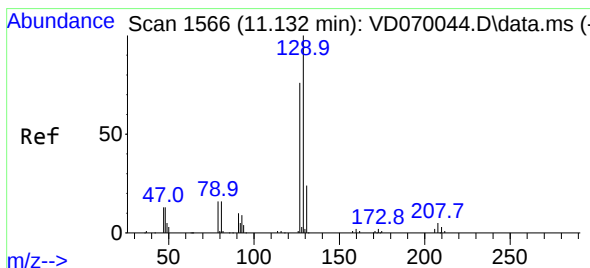
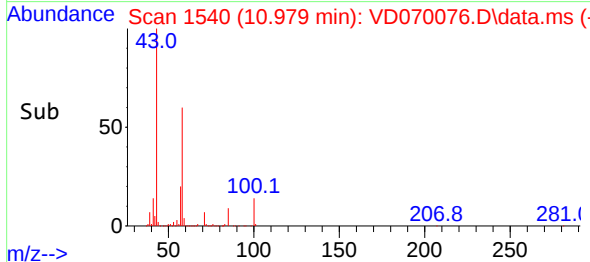
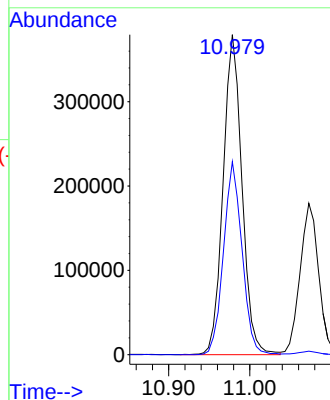
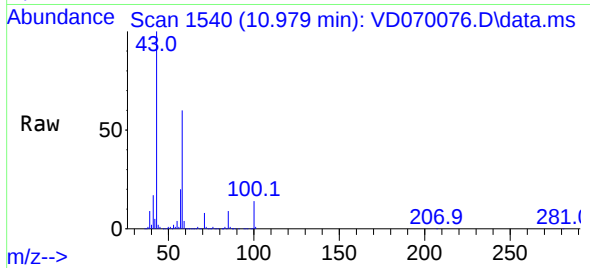
#59
2-Hexanone
Concen: 264.947 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 43 Resp: 614018
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

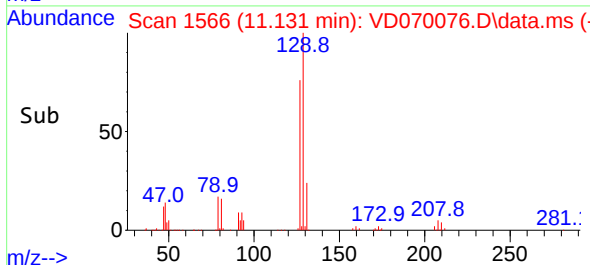
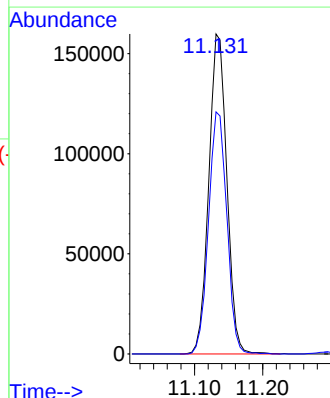
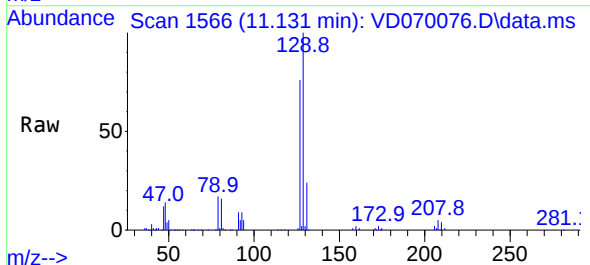
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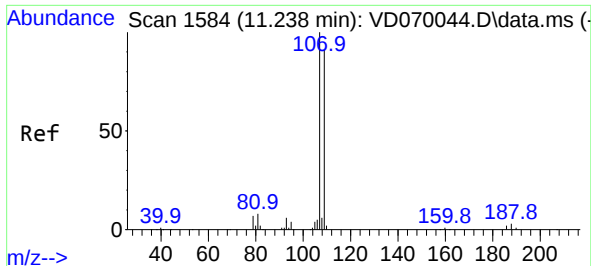
MMDadoda
8/18/2021 6:57:19 PM



#60
Dibromochloromethane
Concen: 50.477 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

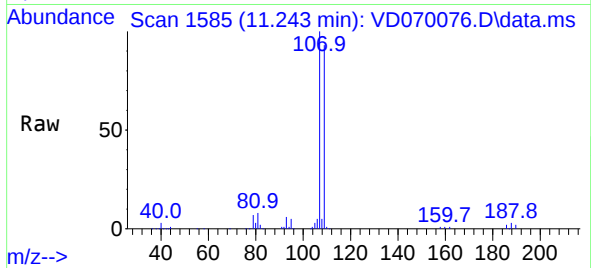
Tgt Ion: 129 Resp: 294240
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.278 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

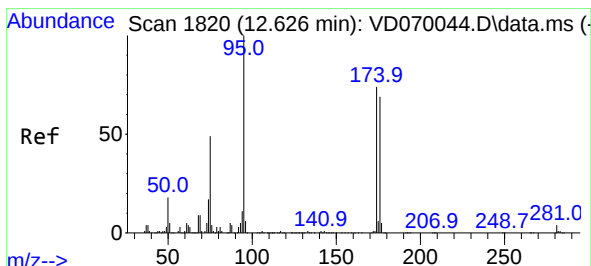
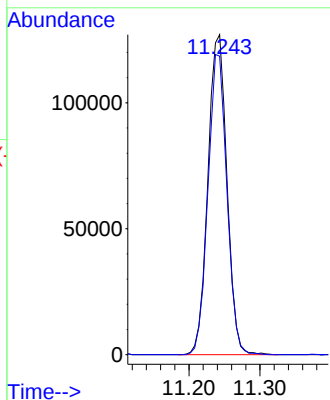
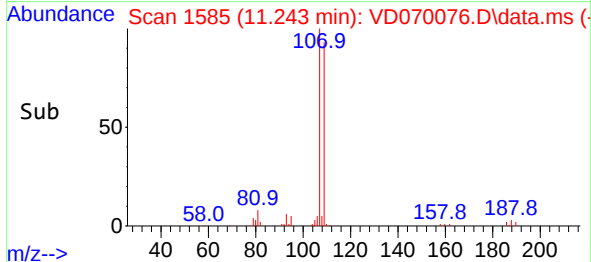
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



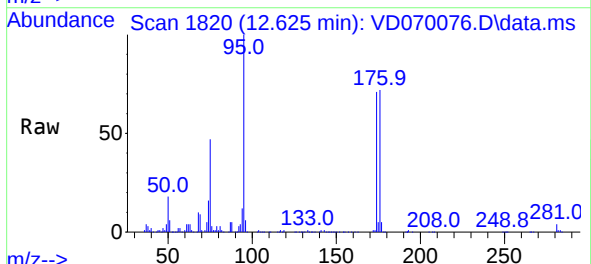
Tgt Ion:107 Resp: 236224
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

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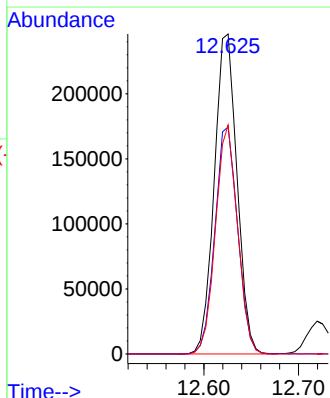
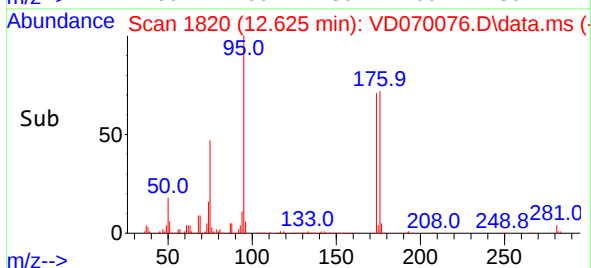
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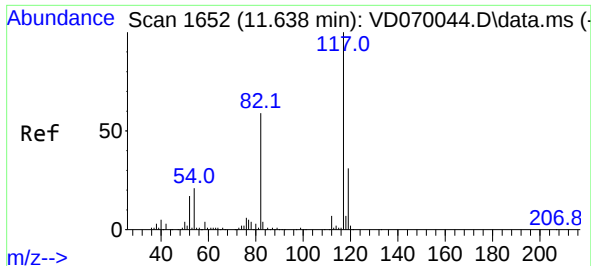


#62
4-Bromofluorobenzene
Concen: 54.438 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



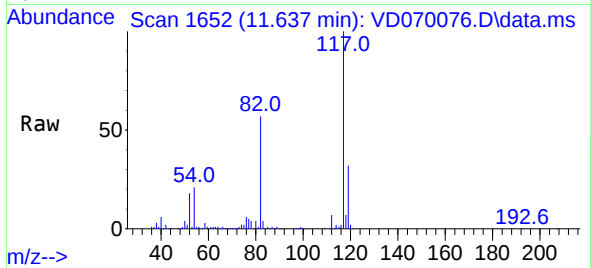
Tgt Ion: 95 Resp: 411041
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 69.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

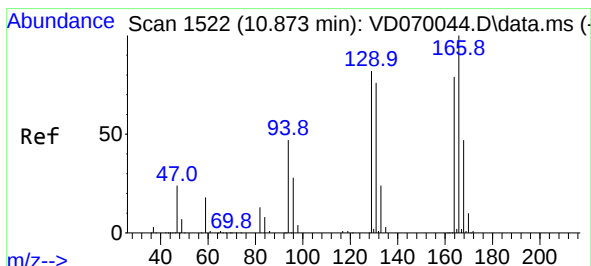
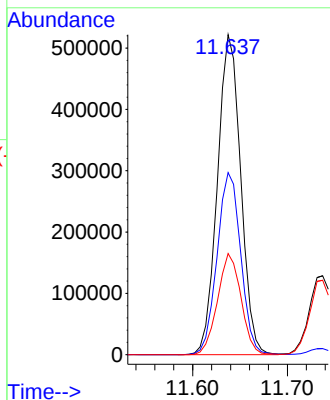
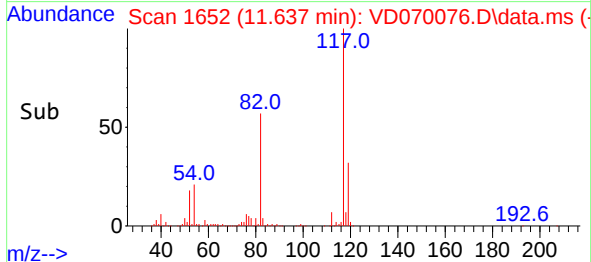
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



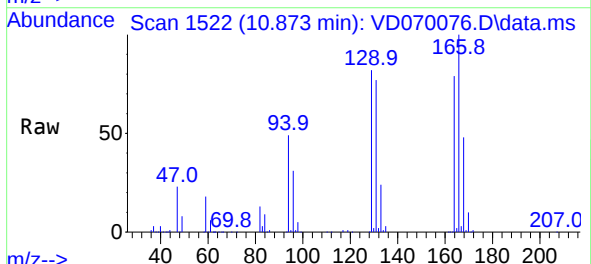
Tgt Ion:117 Resp: 893420
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 31.6 25.1 37.7

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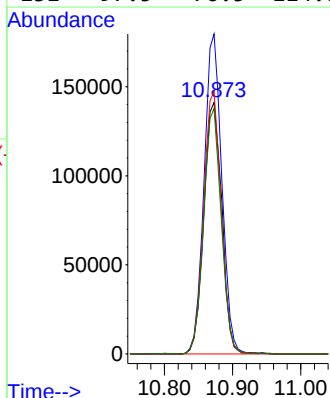
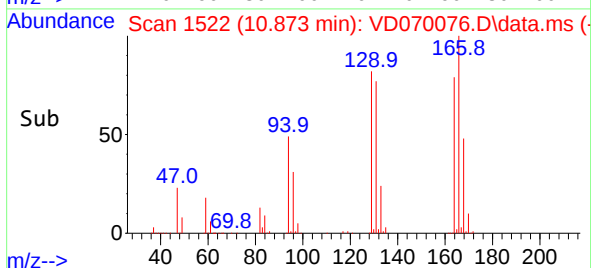
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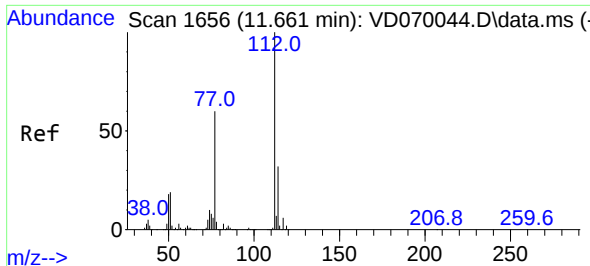


#64
Tetrachloroethene
Concen: 45.202 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion:164 Resp: 260530
Ion Ratio Lower Upper
164 100
166 127.2 101.3 151.9
129 104.4 82.9 124.3
131 97.5 76.5 114.7





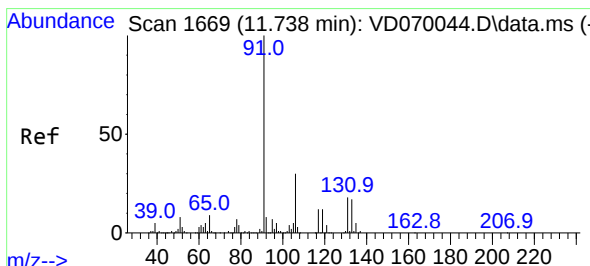
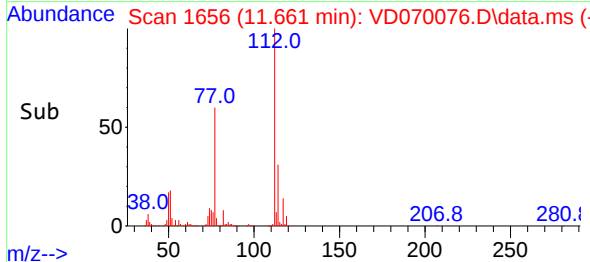
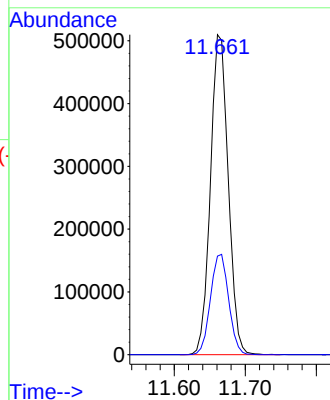
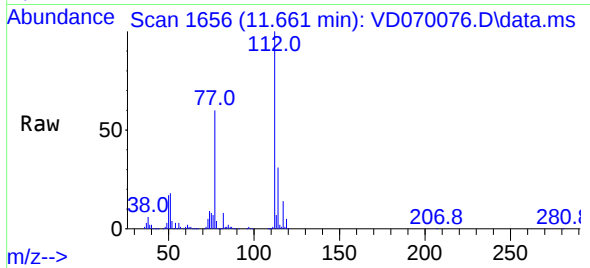
#65
Chlorobenzene
Concen: 47.411 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:112 Resp: 885004
Ion Ratio Lower Upper
112 100
114 30.8 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

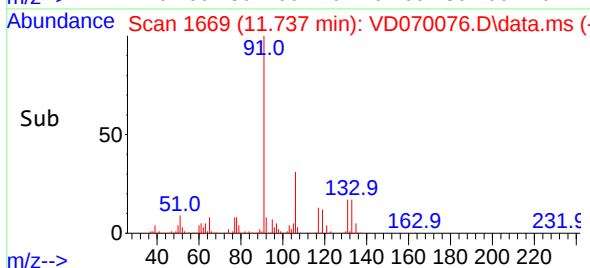
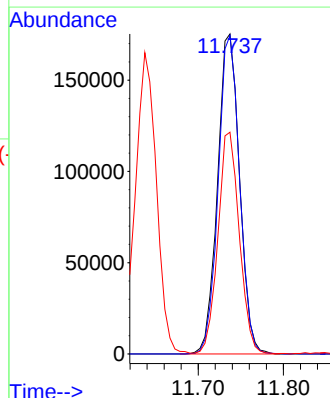
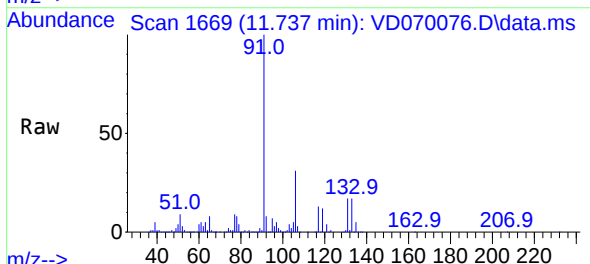
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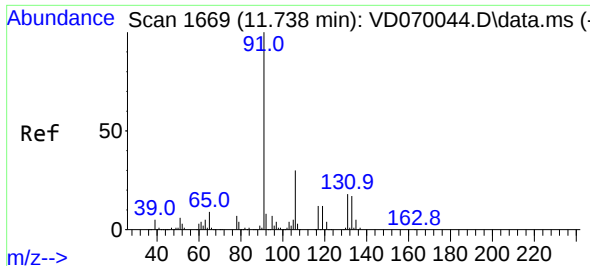
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.363 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:131 Resp: 313972
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.2
119 67.6 34.0 102.0





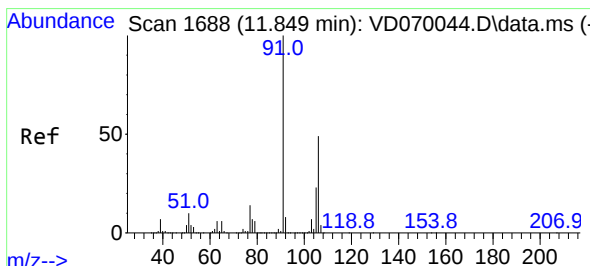
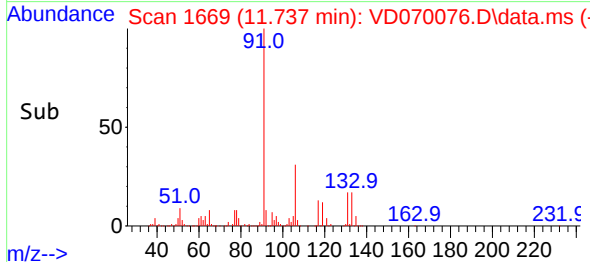
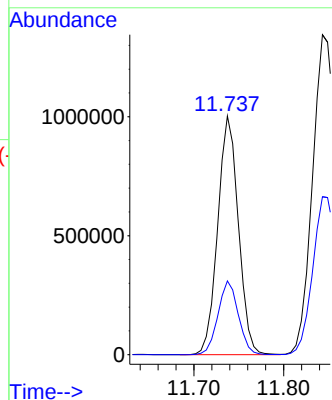
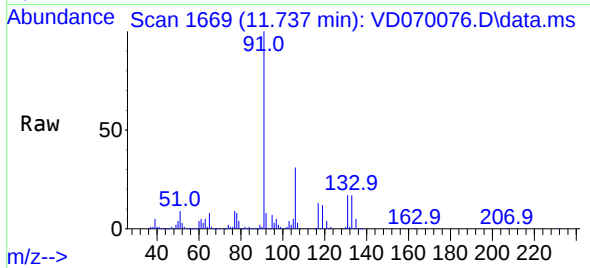
#67
Ethyl Benzene
Concen: 48.528 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 91 Resp: 1601627
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

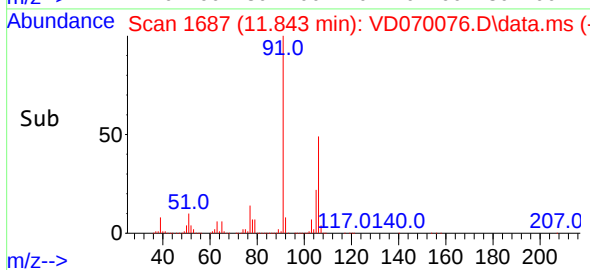
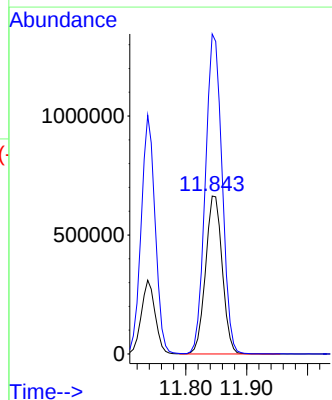
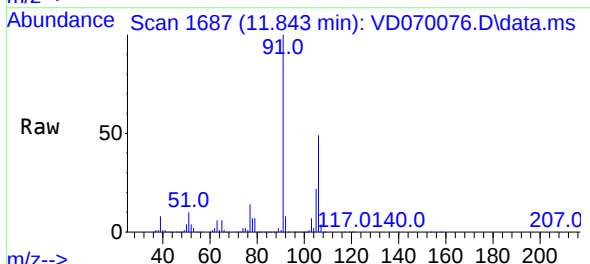
Manual Integrations
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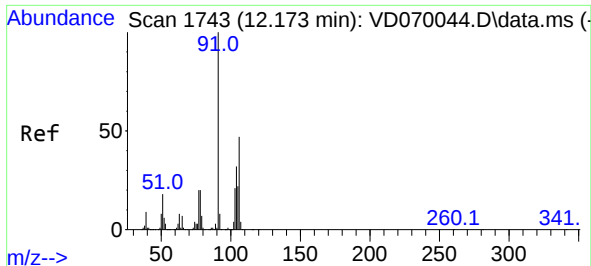
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#68
m/p-Xylenes
Concen: 98.471 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:106 Resp: 1259476
Ion Ratio Lower Upper
106 100
91 202.9 164.6 246.8





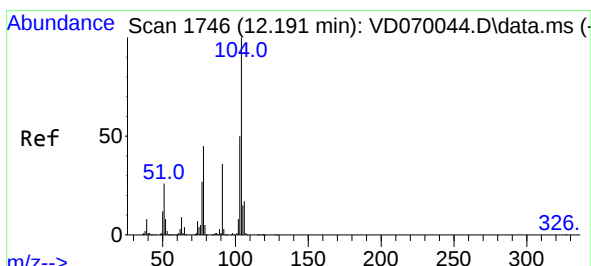
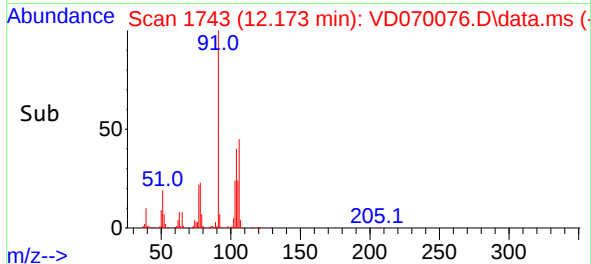
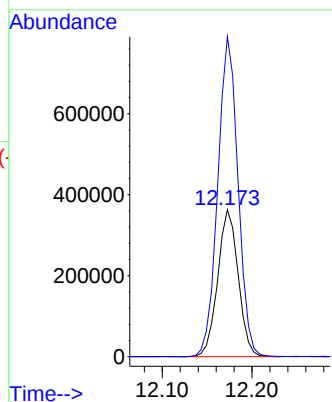
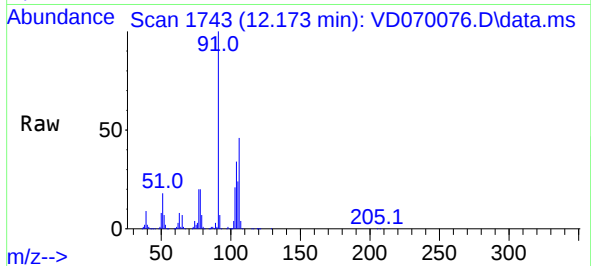
#69
o-Xylene
Concen: 49.797 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 574688
Ion Ratio Lower Upper
106 100
91 215.5 108.6 325.8

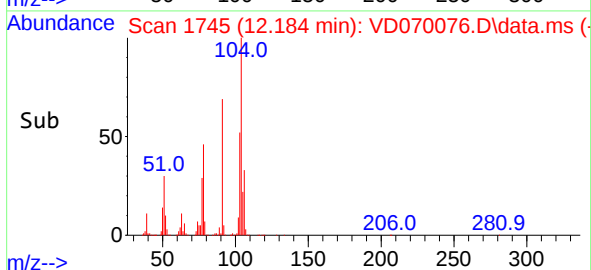
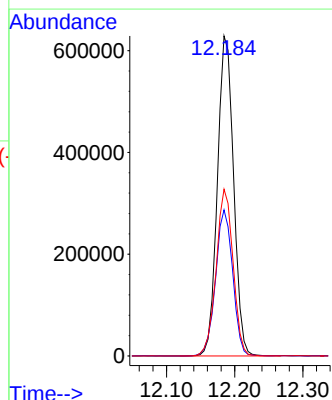
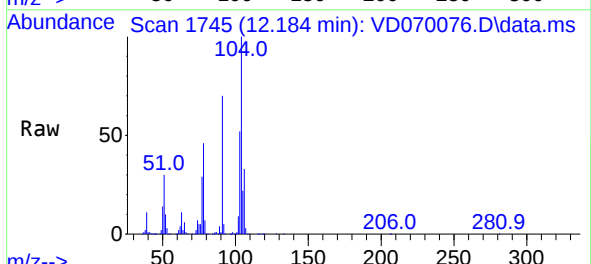
Manual Integrations
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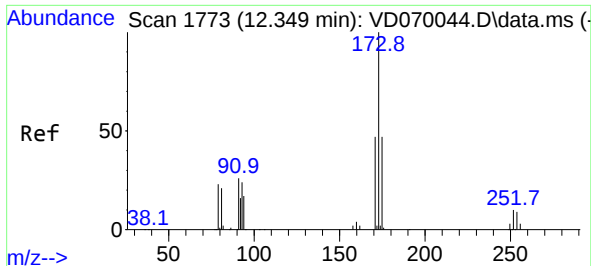
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#70
Styrene
Concen: 51.473 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:104 Resp: 1040392
Ion Ratio Lower Upper
104 100
78 48.3 39.7 59.5
103 54.5 43.8 65.6





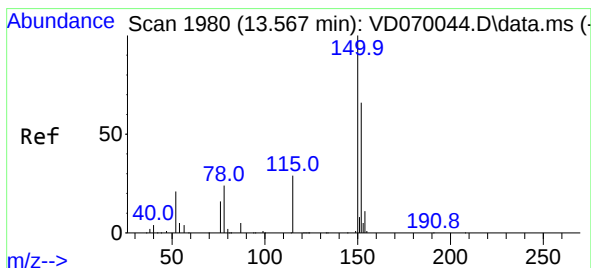
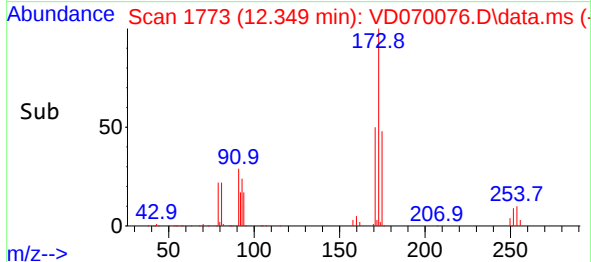
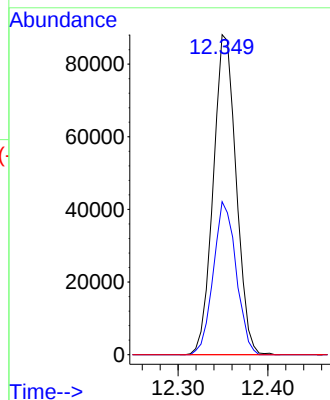
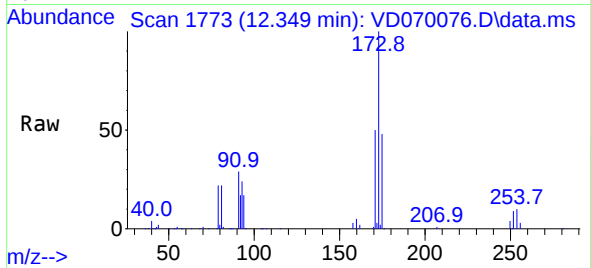
#71
Bromoform
Concen: 48.350 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:173 Resp: 156160
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.2
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

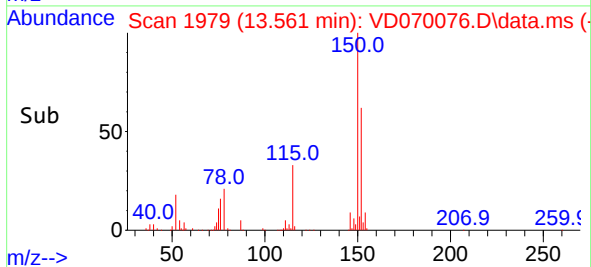
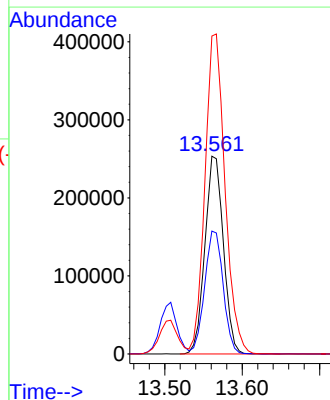
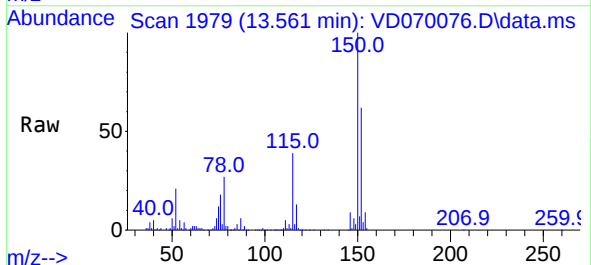
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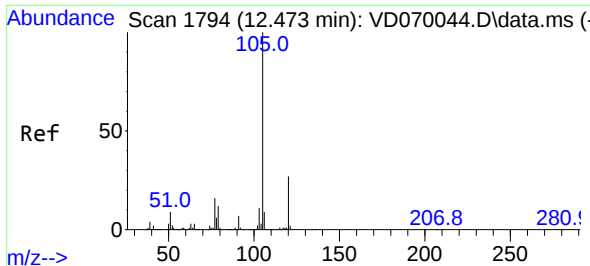
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:152 Resp: 420421
Ion Ratio Lower Upper
152 100
115 62.2 31.2 93.6
150 174.9 0.0 352.0





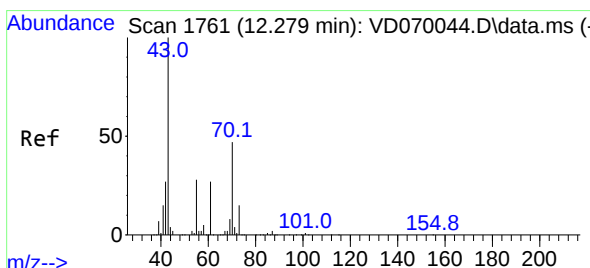
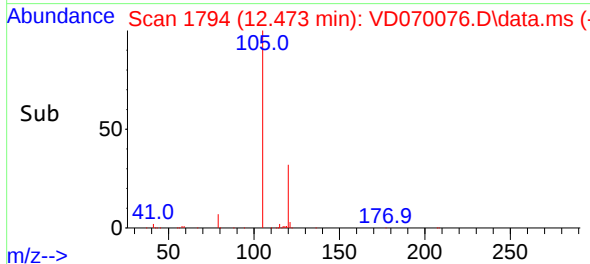
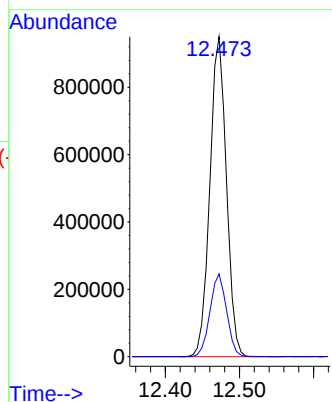
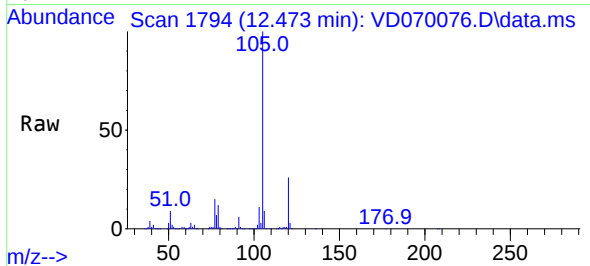
#73
Isopropylbenzene
Concen: 48.012 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1471977
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.8

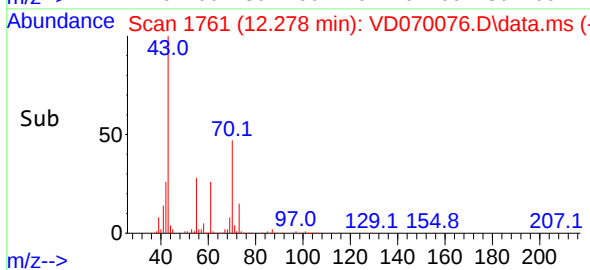
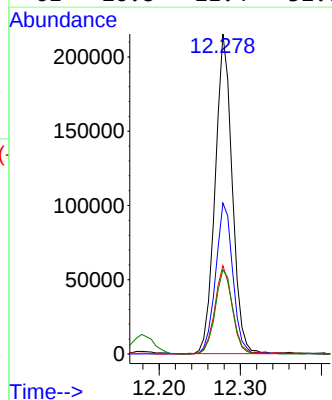
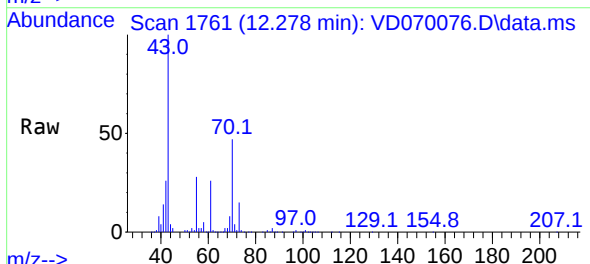
Manual Integrations
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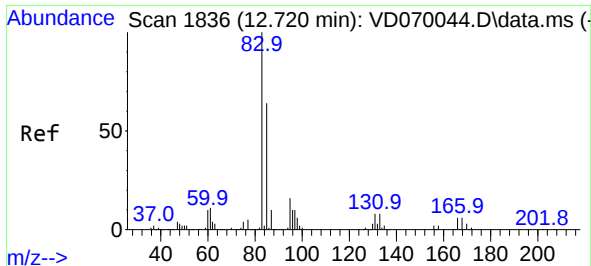
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#74
N-ethyl acetate
Concen: 47.545 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 43 Resp: 314284
Ion Ratio Lower Upper
43 100
70 47.7 37.2 55.8
55 28.3 22.9 34.3
61 26.8 21.4 32.0





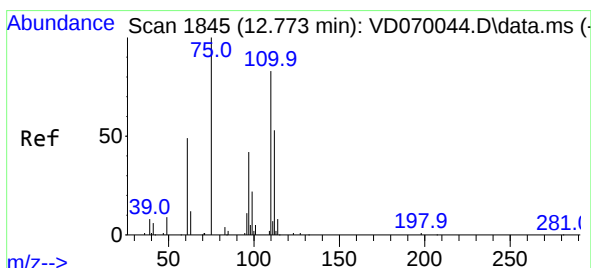
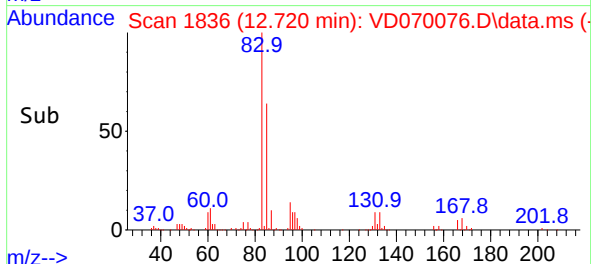
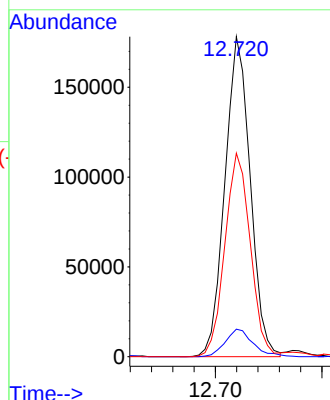
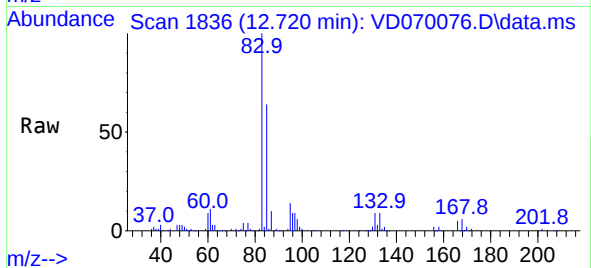
#75
1,1,2,2-Tetrachloroethane
Concen: 48.131 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 83 Resp: 294430
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 63.9 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

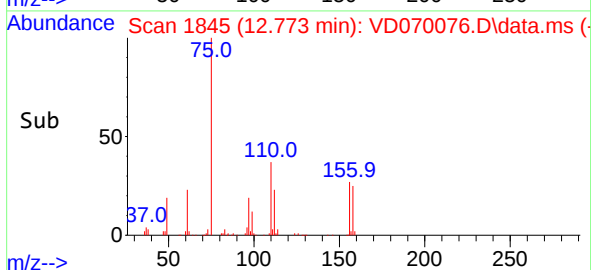
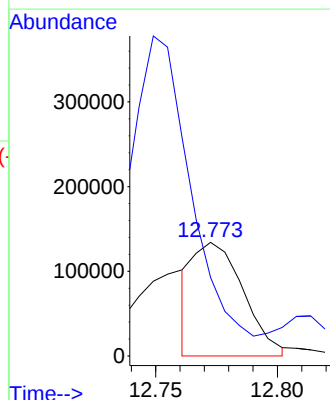
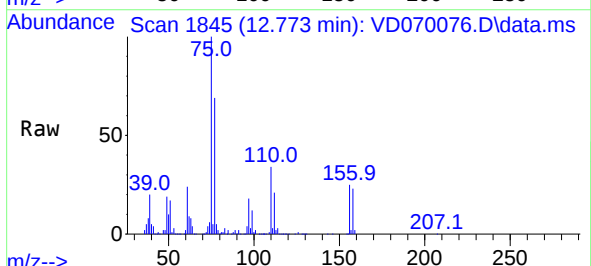
Manual Integrations
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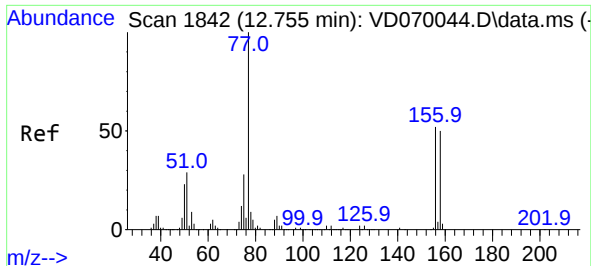
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 45.246 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 75 Resp: 192915
Ion Ratio Lower Upper
75 100
77 0.0 182.4 547.2#





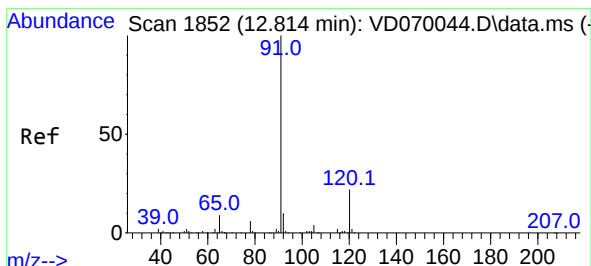
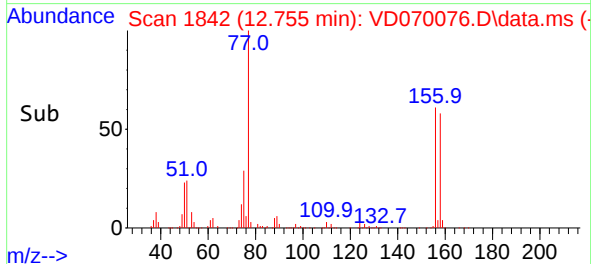
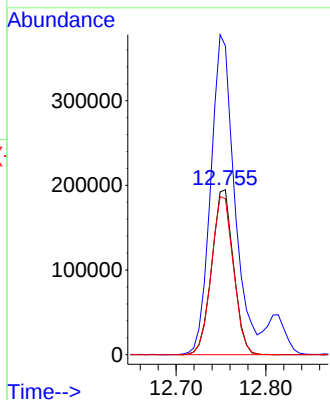
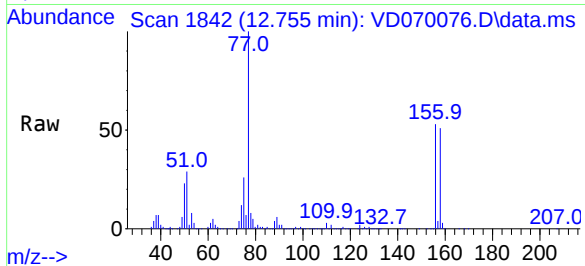
#77
Bromobenzene
Concen: 48.138 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:156 Resp: 327567
Ion Ratio Lower Upper
156 100
77 211.9 106.9 320.7
158 97.4 47.6 142.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

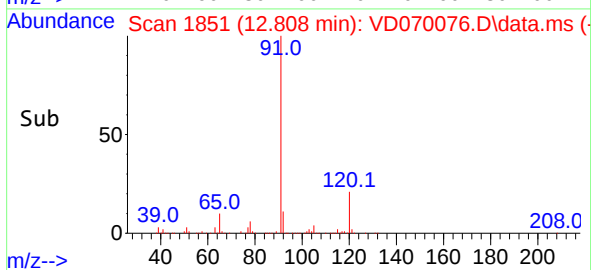
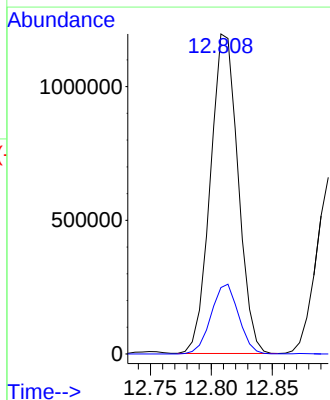
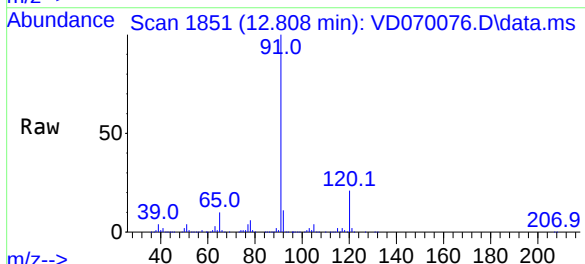
Manual Integrations
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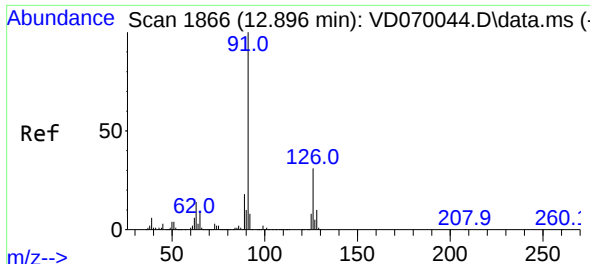
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#78
n-propylbenzene
Concen: 47.931 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 91 Resp: 1895118
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





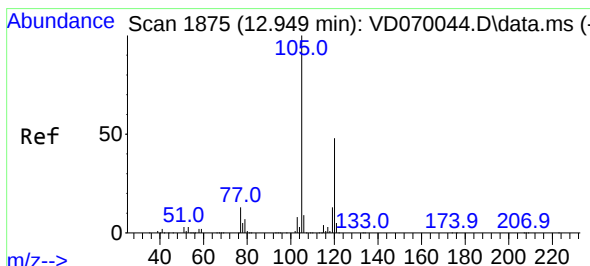
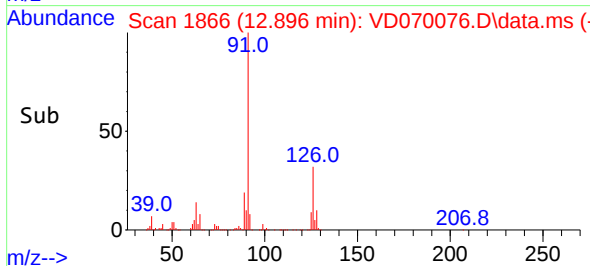
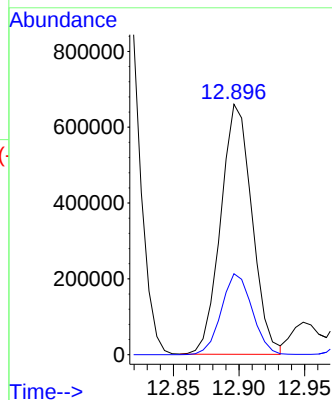
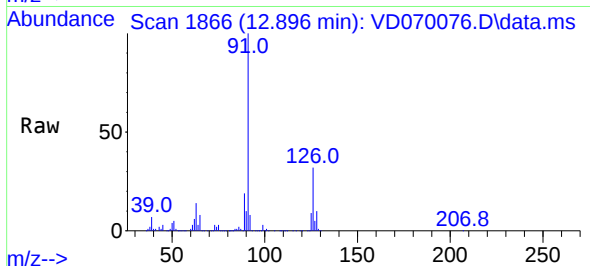
#79
2-Chlorotoluene
Concen: 48.239 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1097325
Ion Ratio Lower Upper
91 100
126 31.8 16.0 48.0

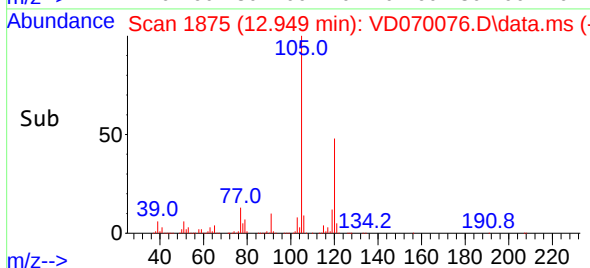
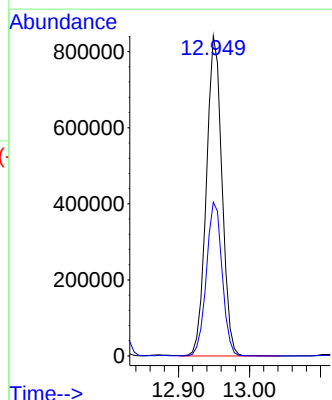
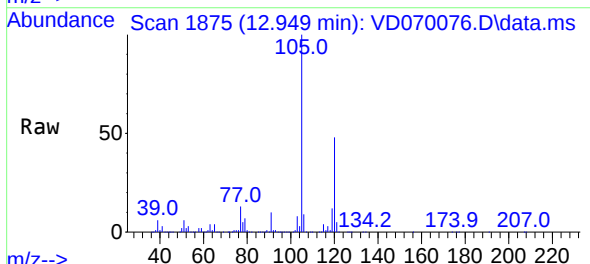
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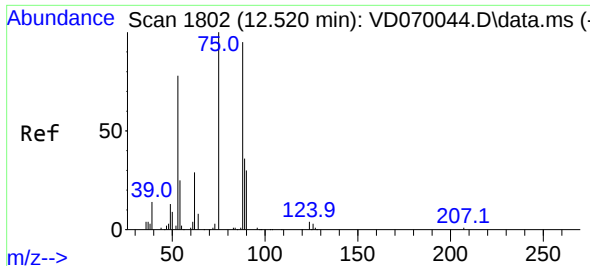
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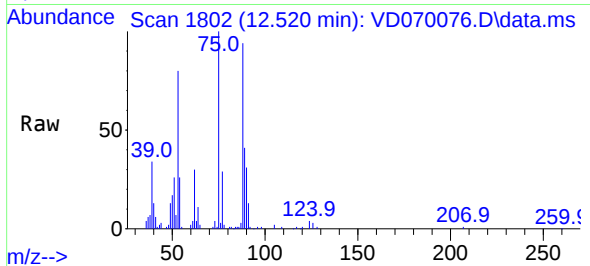
#80
1,3,5-Trimethylbenzene
Concen: 49.237 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 105 Resp: 1285115
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5

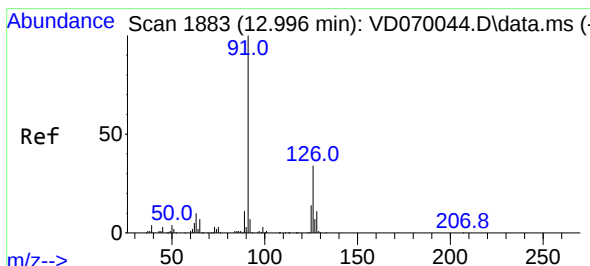
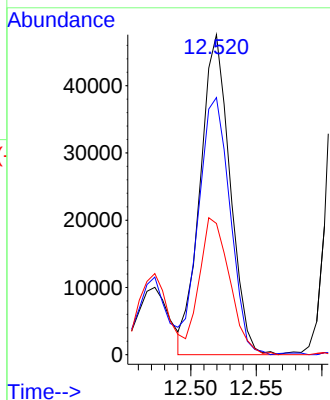
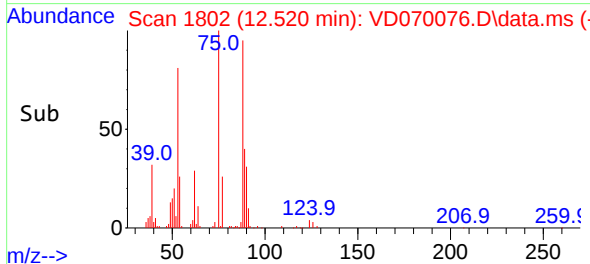




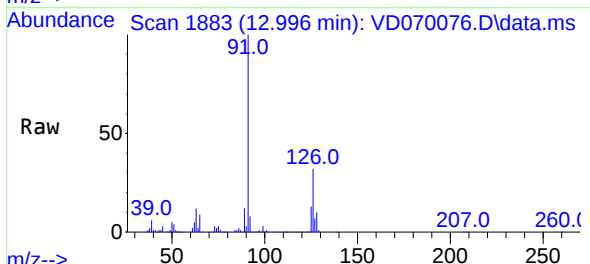
#81
trans-1,4-Dichloro-2-butene
Concen: 45.774 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



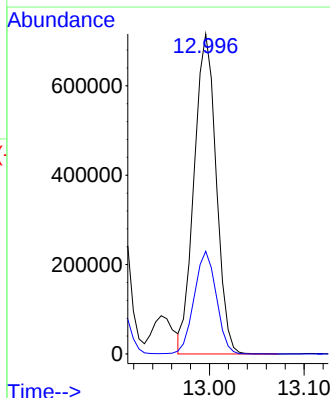
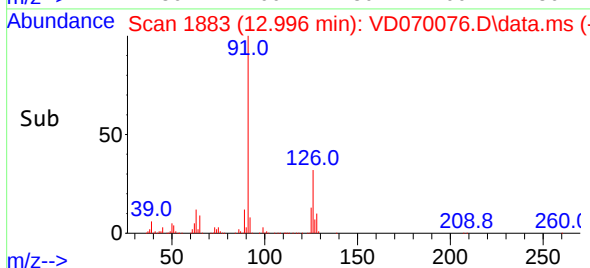
Tgt Ion: 75 Resp: 75190
Ion Ratio Lower Upper
75 100
53 84.1 64.5 96.7
89 43.1 33.7 50.5



#82
4-Chlorotoluene
Concen: 48.567 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



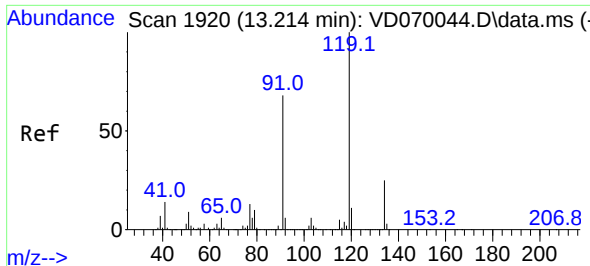
Tgt Ion: 91 Resp: 1156816
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

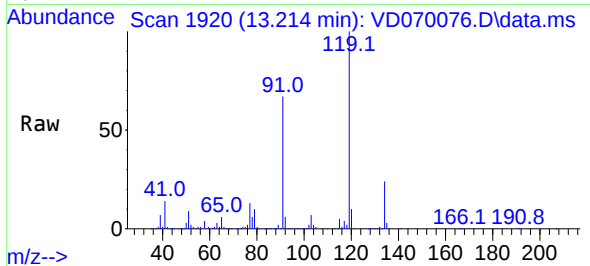
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#83
tert-Butylbenzene
Concen: 48.665 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

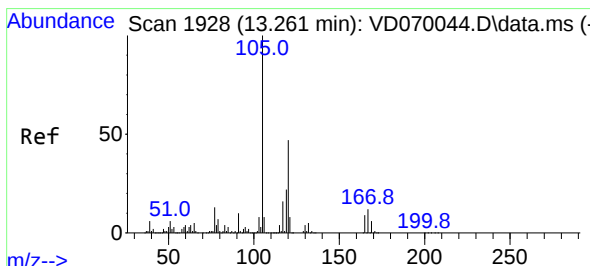
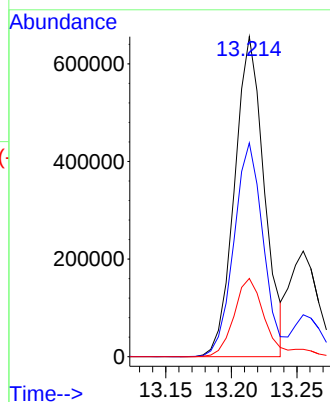
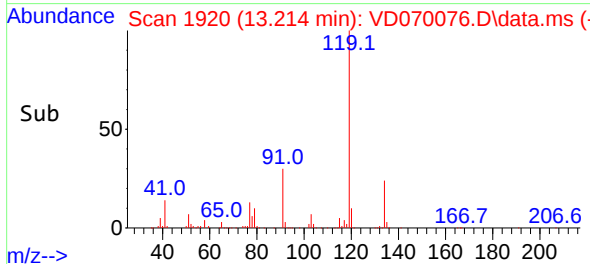
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



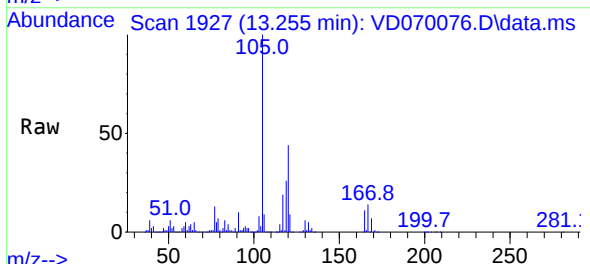
Tgt Ion:119 Resp: 1032403
Ion Ratio Lower Upper
119 100
91 67.0 34.0 101.8
134 26.4 13.2 39.6

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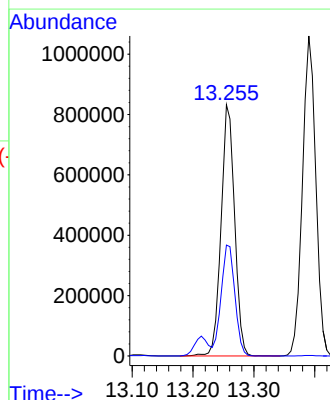
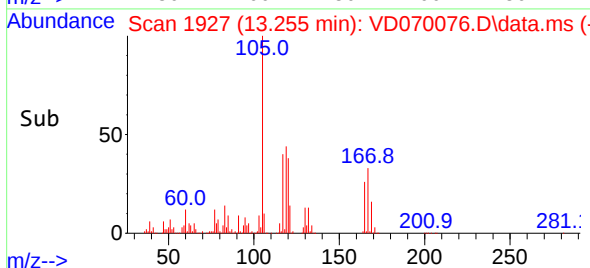
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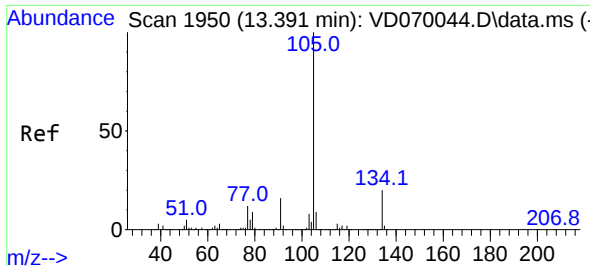


#84
1,2,4-Trimethylbenzene
Concen: 49.594 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



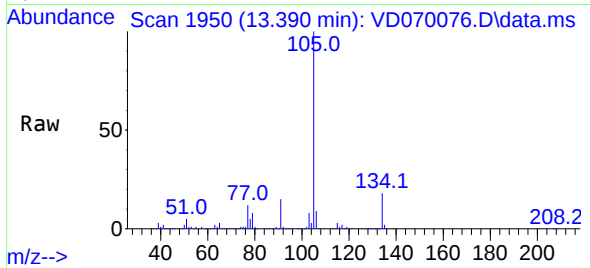
Tgt Ion:105 Resp: 1284048
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 47.349 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070076.D
 Acq: 16 Aug 2021 19:40

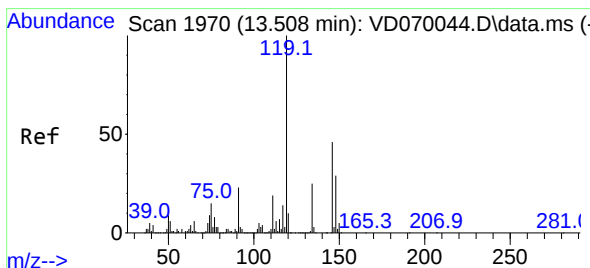
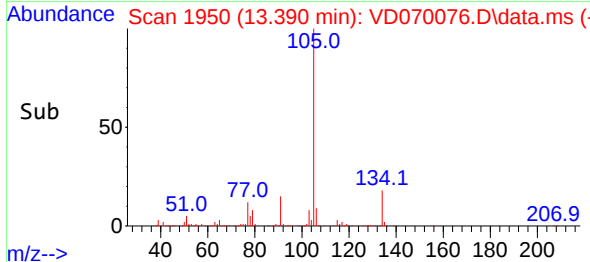
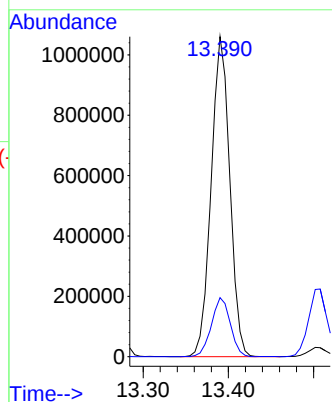
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



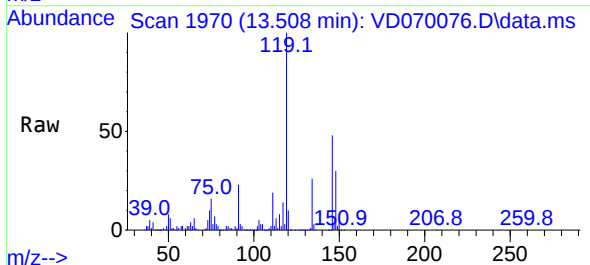
Tgt Ion:105 Resp: 1609385
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

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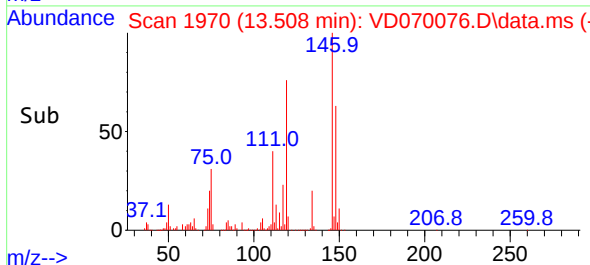
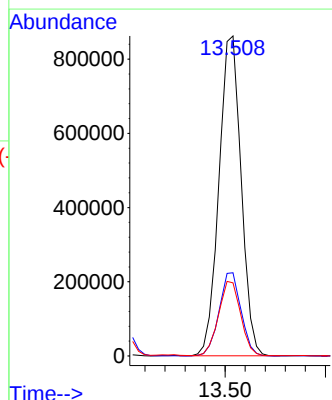
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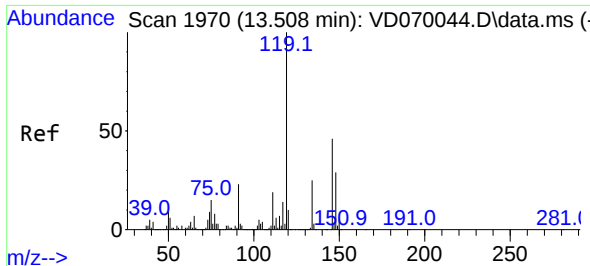


#86
 p-Isopropyltoluene
 Concen: 48.136 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD070076.D
 Acq: 16 Aug 2021 19:40



Tgt Ion:119 Resp: 1321830
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 23.2 11.6 34.8





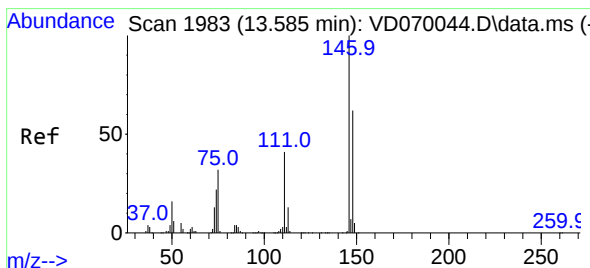
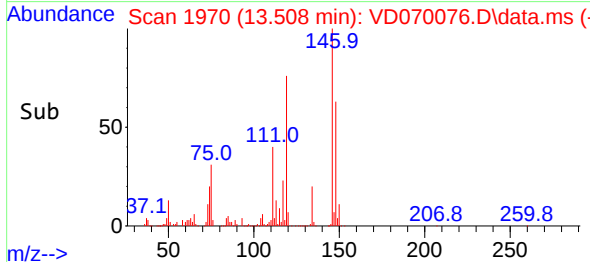
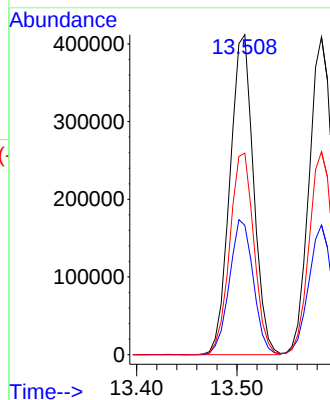
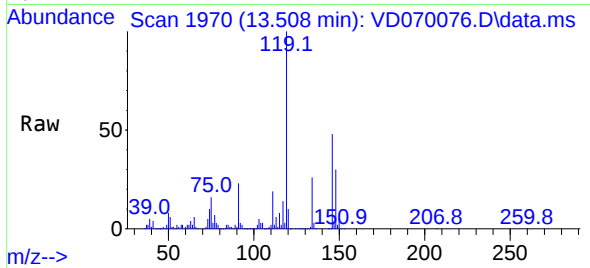
#87
1,3-Dichlorobenzene
Concen: 46.664 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:146 Resp: 674665
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 64.5 31.8 95.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

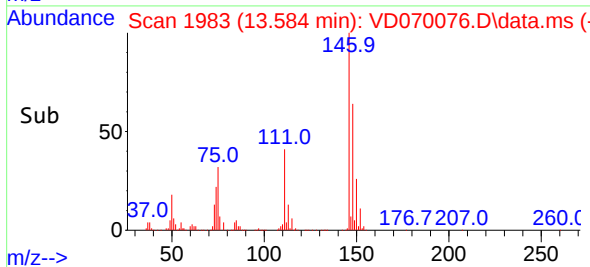
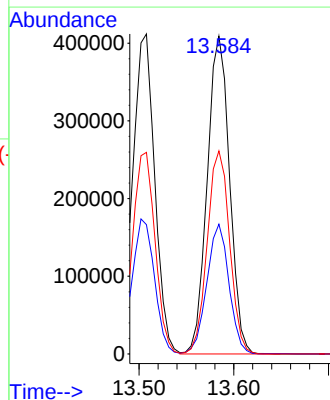
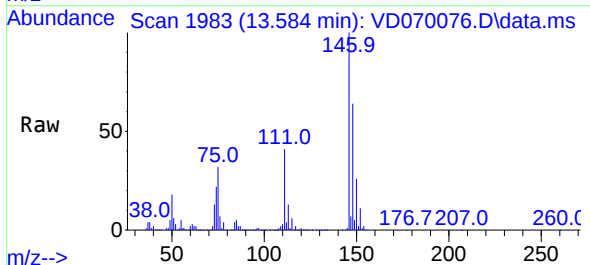
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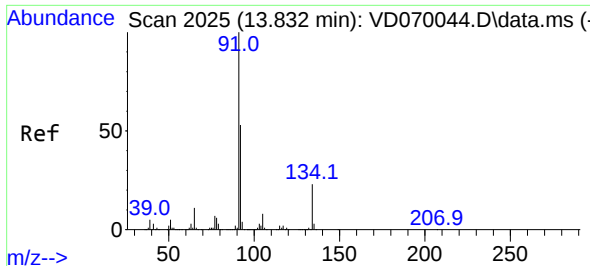
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#88
1,4-Dichlorobenzene
Concen: 46.800 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion:146 Resp: 670199
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 64.0 31.3 93.9





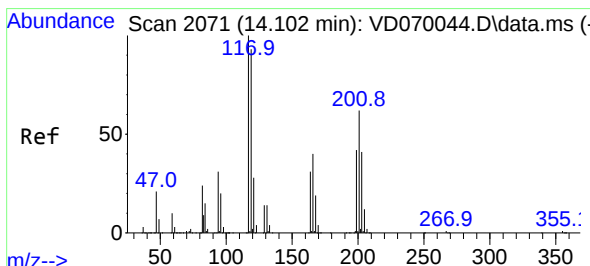
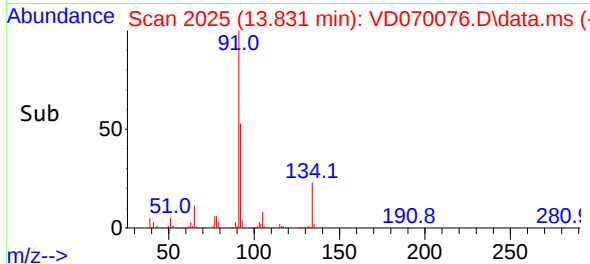
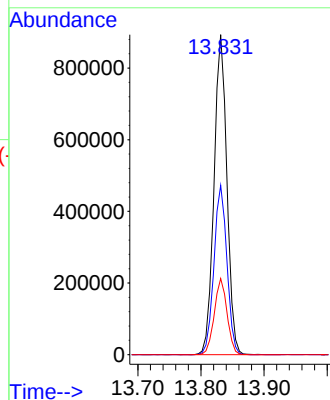
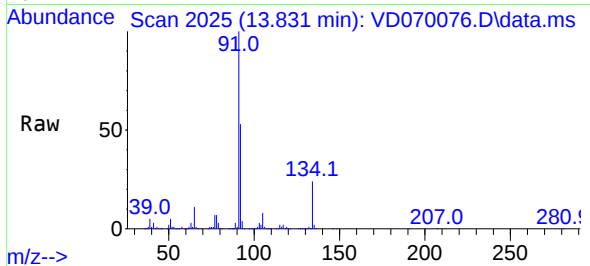
#89
n-Butylbenzene
Concen: 46.925 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

Tgt Ion: 91 Resp: 1264475
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 23.6 11.8 35.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

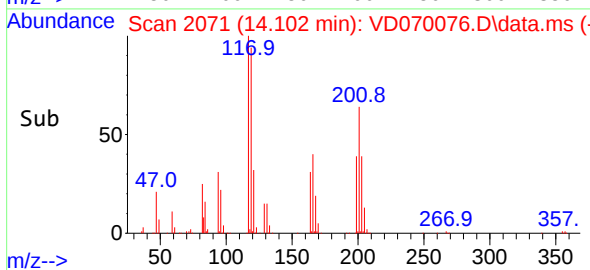
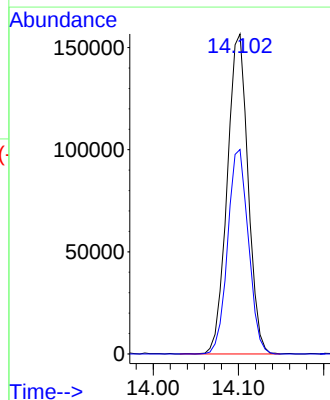
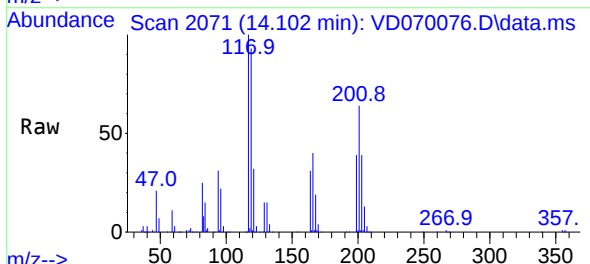
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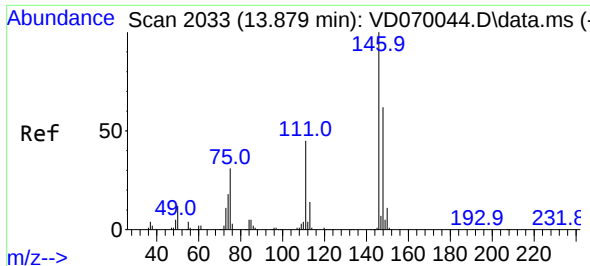
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#90
Hexachloroethane
Concen: 45.947 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

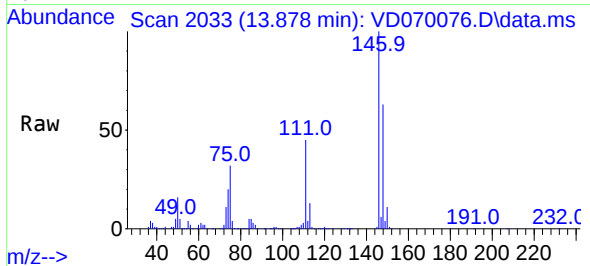
Tgt Ion: 117 Resp: 266251
Ion Ratio Lower Upper
117 100
201 63.6 31.6 95.0





#91
1,2-Dichlorobenzene
Concen: 48.266 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

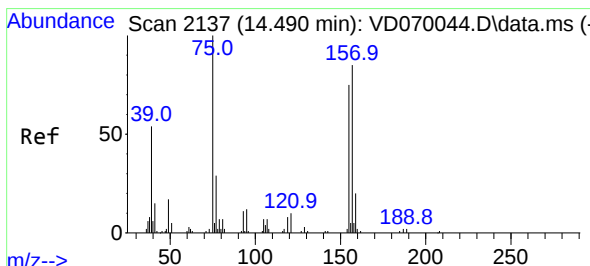
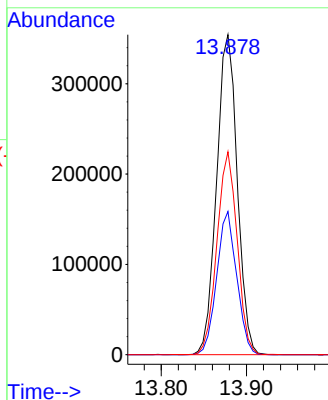
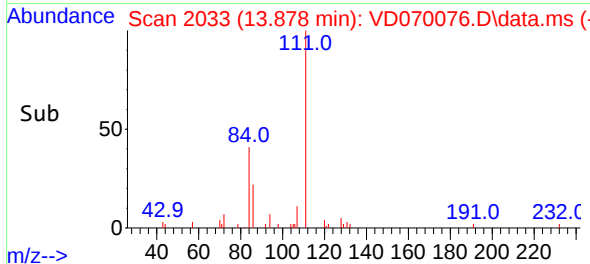
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



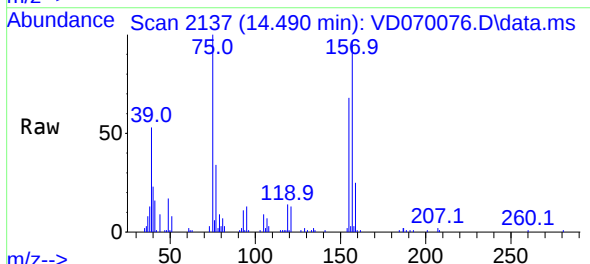
Tgt Ion:146 Resp: 597962
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.2
148 62.3 31.8 95.4

Manual Integrations
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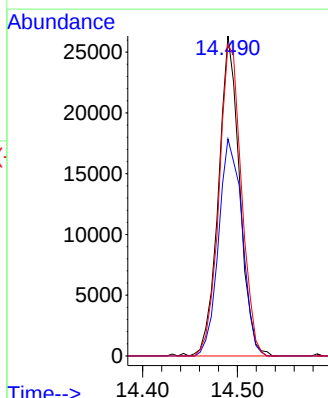
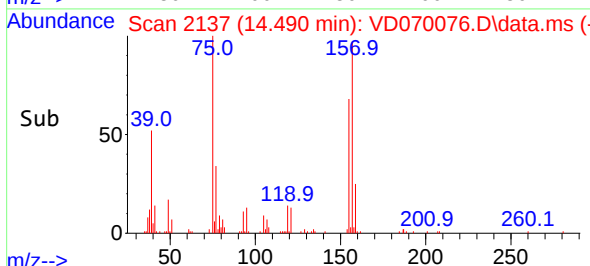
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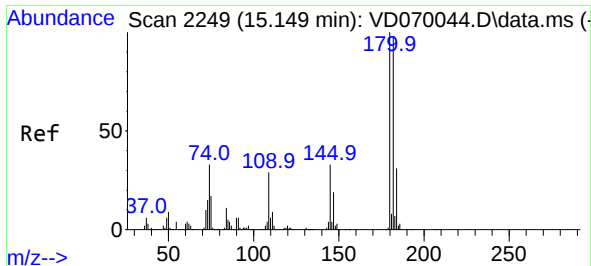


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.774 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40

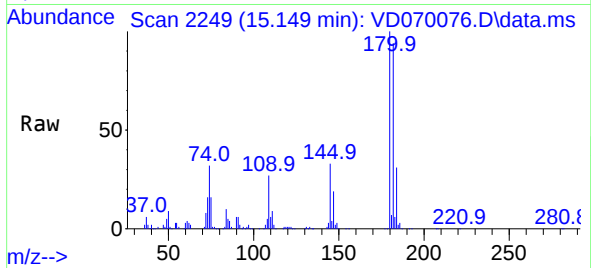


Tgt Ion: 75 Resp: 40911
Ion Ratio Lower Upper
75 100
155 75.2 35.3 105.9
157 103.0 46.8 140.3

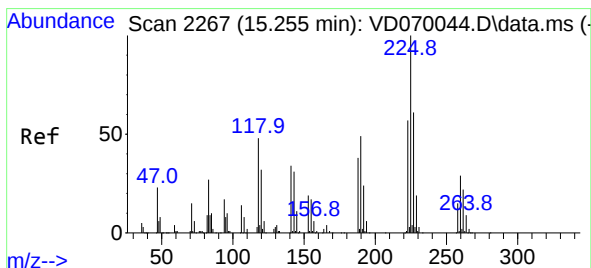
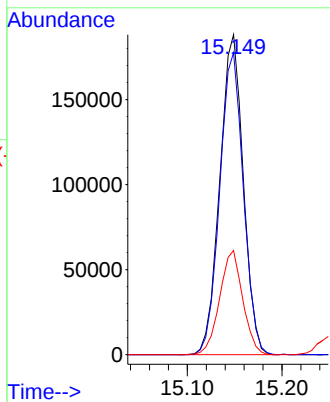
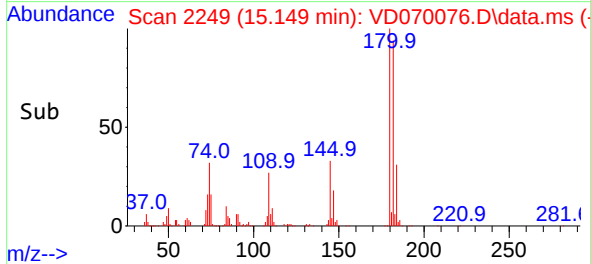




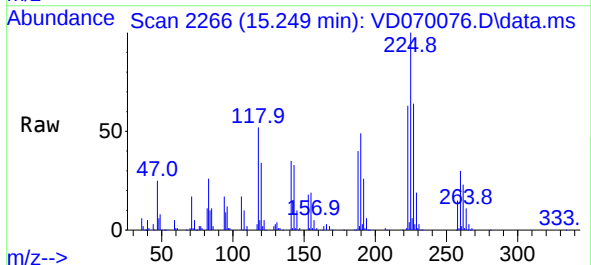
#93
1,2,4-Trichlorobenzene
Concen: 46.975 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



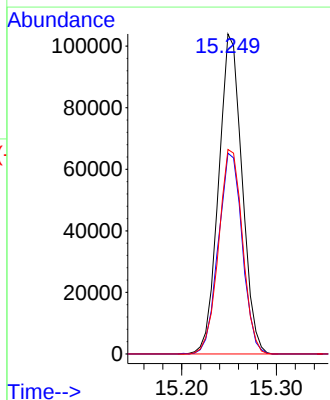
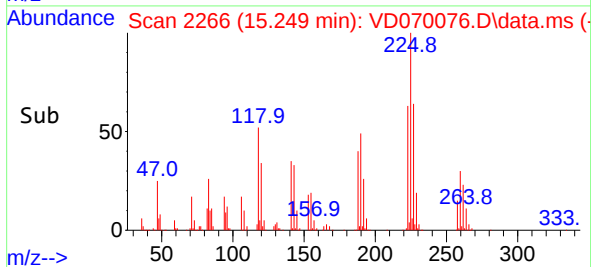
Tgt Ion:180 Resp: 323630
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 32.1 16.3 48.9



#94
Hexachlorobutadiene
Concen: 43.849 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



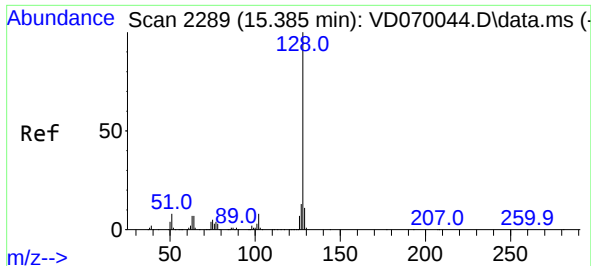
Tgt Ion:225 Resp: 178450
Ion Ratio Lower Upper
225 100
223 64.0 30.5 91.5
227 65.1 31.4 94.2



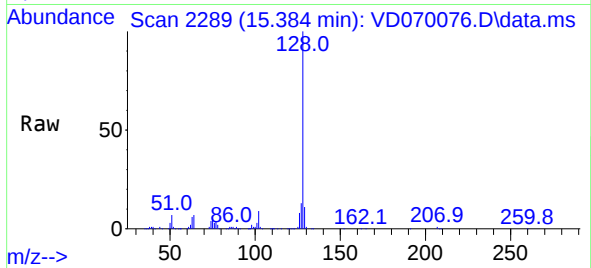
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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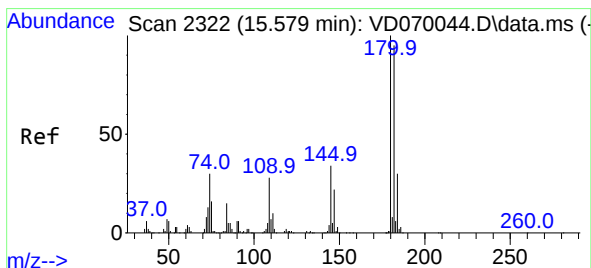
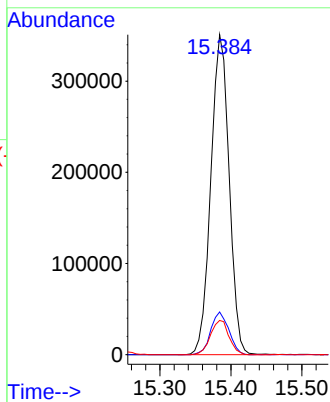
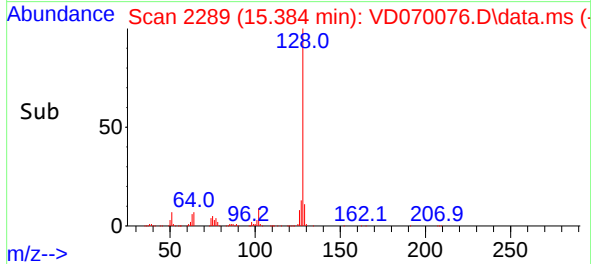
MMDadoda
8/18/2021 6:57:19 PM



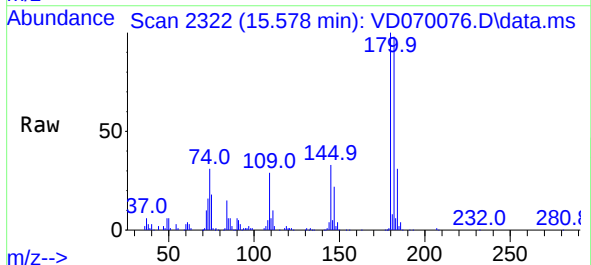
#95
Naphthalene
Concen: 49.977 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



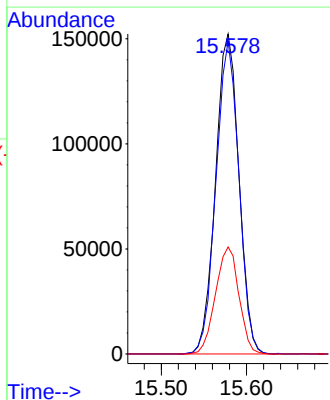
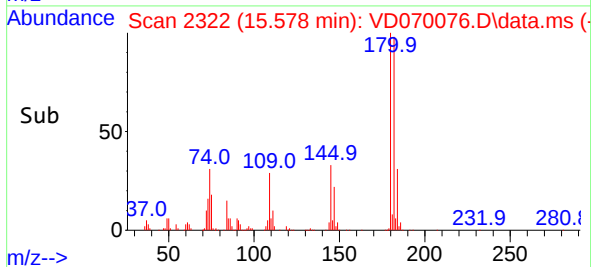
Tgt Ion:128 Resp: 626652
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 48.143 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD070076.D
Acq: 16 Aug 2021 19:40



Tgt Ion:180 Resp: 289533
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 33.5 16.8 50.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/18/2021 6:57:19 PM