

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070588.D
 Acq On : 06 Oct 2021 12:42
 Operator : VA/SY
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M4068-01 2.5PPBLOD

Manual Integrations
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 10/7/2021 5:32:36 PM

Quant Time: Oct 07 07:10:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 07 07:10:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	592087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201518	54.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.914	113	204132	51.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.338	98	763622	50.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.626	95	235910	46.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	11956	3.123	ug/l	92
3) Chloromethane	2.209	50	13973	2.940	ug/l #	87
4) Vinyl Chloride	2.344	62	17250	3.275	ug/l #	87
5) Bromomethane	2.768	94	13313	3.707	ug/l	99
6) Chloroethane	2.926	64	10540	3.134	ug/l	89
7) Trichlorofluoromethane	3.274	101	20943	3.068	ug/l	98
8) Diethyl Ether	3.709	74	4723	2.659	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	13100	3.166	ug/l #	54
10) Methyl Iodide	4.297	142	8413	2.190	ug/l	98
11) Tert butyl alcohol	5.203	59	4006m	21.891	ug/l	
12) 1,1-Dichloroethene	4.068	96	10960	2.975	ug/l #	75
13) Acrolein	3.915	56	2592	14.753	ug/l	89
14) Allyl chloride	4.715	41	12557	2.449	ug/l	93
15) Acrylonitrile	5.420	53	9332	12.110	ug/l #	75
16) Acetone	4.162	43	9361	14.922	ug/l	93
17) Carbon Disulfide	4.415	76	39841	2.963	ug/l	98
18) Methyl Acetate	4.721	43	6923	2.860	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	17720	2.415	ug/l	93
20) Methylene Chloride	4.962	84	38810	6.630	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	12479	2.880	ug/l	87
22) Diisopropyl ether	6.362	45	22598	2.145	ug/l #	80
23) Vinyl Acetate	6.297	43	45586m	9.519	ug/l	
24) 1,1-Dichloroethane	6.262	63	22902	2.952	ug/l	94
25) 2-Butanone	7.215	43	10475	12.754	ug/l	96
26) 2,2-Dichloropropane	7.209	77	18215	2.837	ug/l #	74
27) cis-1,2-Dichloroethene	7.203	96	11785	2.588	ug/l	100
28) Bromochloromethane	7.544	49	7765	2.875	ug/l #	96
29) Tetrahydrofuran	7.562	42	6495	12.269	ug/l	99
30) Chloroform	7.714	83	23537	2.916	ug/l	100
31) Cyclohexane	7.979	56	23290	3.405	ug/l #	54
32) 1,1,1-Trichloroethane	7.897	97	21242	3.056	ug/l	97
36) 1,1-Dichloropropene	8.109	75	17112	2.721	ug/l	94
37) Ethyl Acetate	7.297	43	4672	2.236	ug/l	98
38) Carbon Tetrachloride	8.097	117	17722	2.693	ug/l	88
39) Methylcyclohexane	9.350	83	19492	2.696	ug/l #	91
40) Benzene	8.350	78	48536	2.619	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	3102m	2.879	ug/l	
42) 1,2-Dichloroethane	8.426	62	13052	2.723	ug/l	96
43) Isopropyl Acetate	8.450	43	8659	2.262	ug/l	92
44) Trichloroethene	9.109	130	13452	2.943	ug/l	93
45) 1,2-Dichloropropane	9.385	63	11428	2.416	ug/l #	87
46) Dibromomethane	9.473	93	6036	2.486	ug/l	89
47) Bromodichloromethane	9.661	83	15997	2.553	ug/l #	96
48) Methyl methacrylate	9.450	41	3545	1.975	ug/l #	83
49) 1,4-Dioxane	9.456	88	1022	41.429	ug/l #	74
51) 4-Methyl-2-Pentanone	10.220	43	20741	10.502	ug/l	98
52) Toluene	10.397	92	30316	2.663	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	13559	2.473	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	15620	2.366	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	8261	2.498	ug/l #	89
56) Ethyl methacrylate	10.655	69	7220	2.044	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	13971	2.483	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.944	63	17895	11.230	ug/l	100
59) 2-Hexanone	10.979	43	13373	10.004	ug/l	100
60) Dibromochloromethane	11.132	129	10667	2.677	ug/l	97
61) 1,2-Dibromoethane	11.238	107	7659	2.487	ug/l	97
64) Tetrachloroethene	10.867	164	11006	3.103	ug/l	92
65) Chlorobenzene	11.661	112	30638	2.598	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	12003	2.736	ug/l	97
67) Ethyl Benzene	11.738	91	48793	2.397	ug/l	91
68) m/p-Xylenes	11.844	106	36285	4.527	ug/l	96
69) o-Xylene	12.173	106	17327	2.431	ug/l	84
70) Styrene	12.191	104	26825	2.136	ug/l	98
71) Bromoform	12.350	173	5174	2.512	ug/l #	97
73) Isopropylbenzene	12.467	105	43028	2.451	ug/l	100
74) N-amyl acetate	12.285	43	7264	2.196	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	10580	3.083	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	7573m	3.475	ug/l	
77) Bromobenzene	12.749	156	10475	2.669	ug/l	94
78) n-propylbenzene	12.808	91	59366	2.673	ug/l	98
79) 2-Chlorotoluene	12.897	91	35030	2.688	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	35683	2.384	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	1911m	1.947	ug/l	
82) 4-Chlorotoluene	12.997	91	35253	2.588	ug/l	91
83) tert-Butylbenzene	13.214	119	31135	2.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	33018	2.217	ug/l	99
85) sec-Butylbenzene	13.391	105	46745	2.437	ug/l	96
86) p-Isopropyltoluene	13.502	119	36464	2.328	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	23680	2.874	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	25872	3.167	ug/l	91
89) n-Butylbenzene	13.826	91	37411	2.502	ug/l	97
90) Hexachloroethane	14.102	117	10344	3.054	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	20219	2.877	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1652	3.334	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	11035	2.917	ug/l	90
94) Hexachlorobutadiene	15.249	225	7618	3.187	ug/l	97
95) Naphthalene	15.385	128	18933	2.772	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	9349	2.806	ug/l	97

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M4068-01 2.5PPBLOD

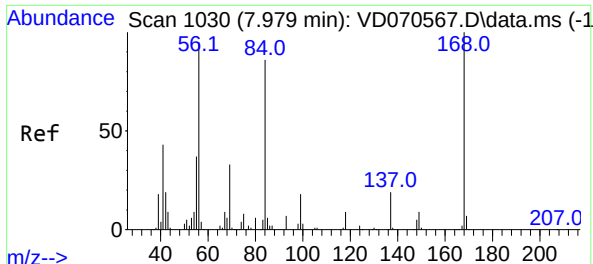
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

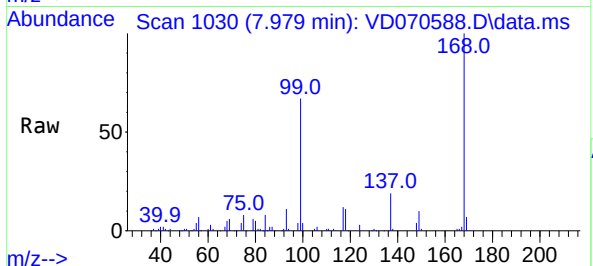
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070588.D
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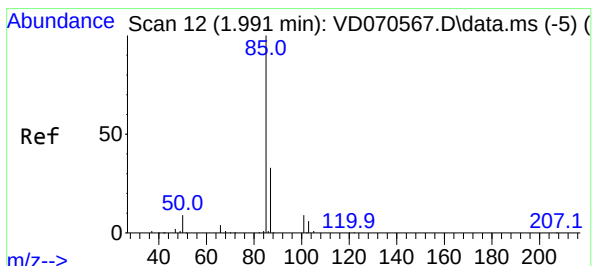
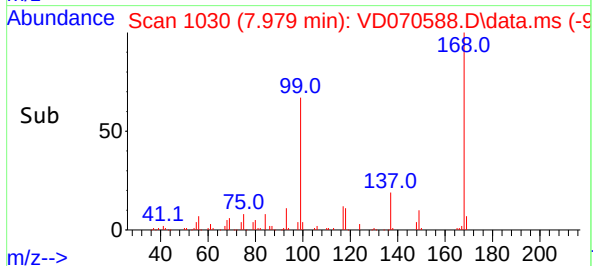
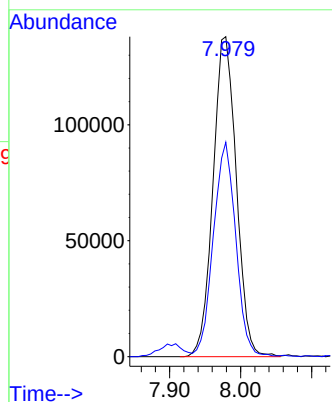
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion:168 Resp: 313894
Ion Ratio Lower Upper
168 100
99 66.7 51.4 77.0

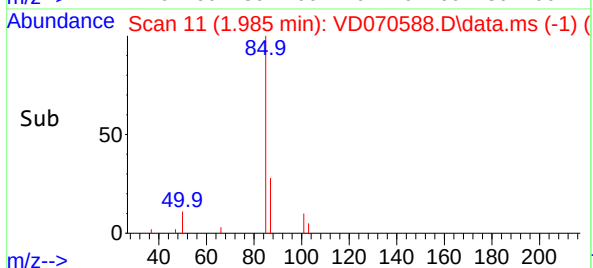
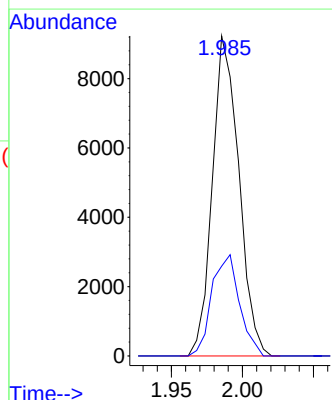
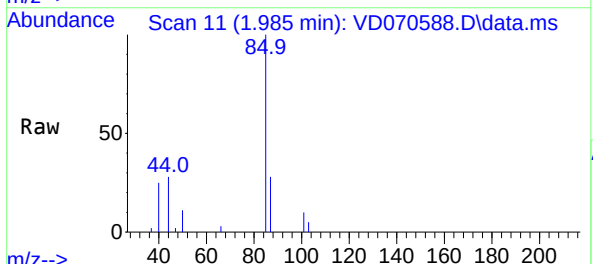
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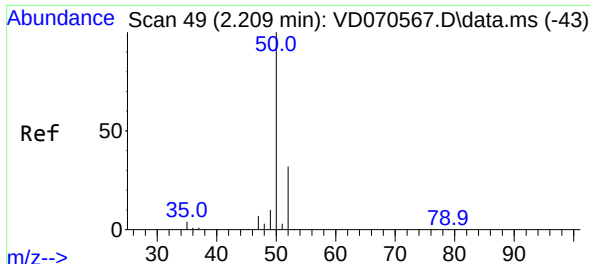
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#2
Dichlorodifluoromethane
Concen: 3.123 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 85 Resp: 11956
Ion Ratio Lower Upper
85 100
87 28.0 16.4 49.2





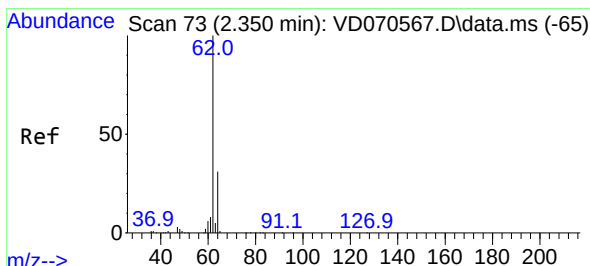
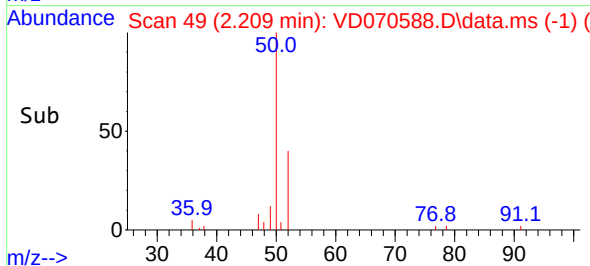
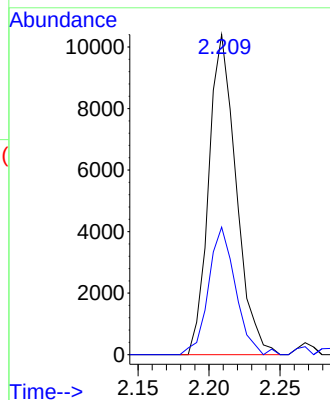
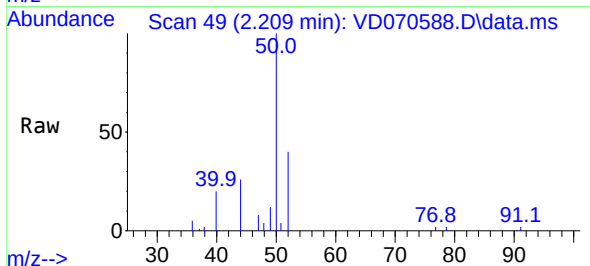
#3
Chloromethane
Concen: 2.940 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 50 Resp: 13973
Ion Ratio Lower Upper
50 100
52 39.9 26.0 39.0#

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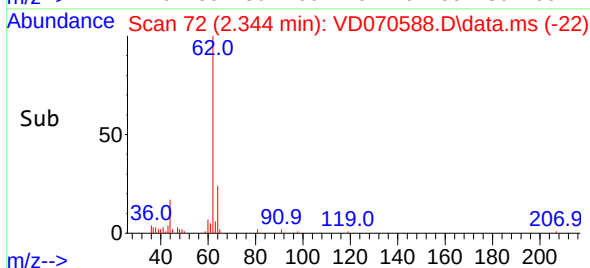
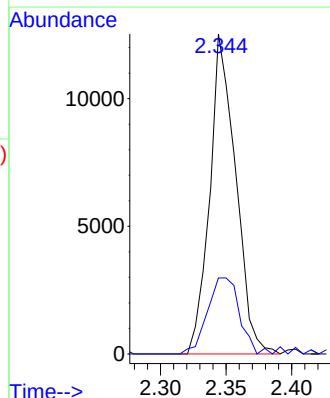
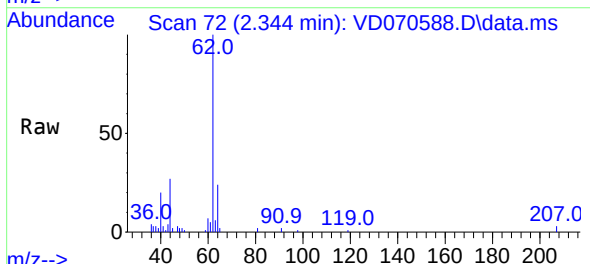
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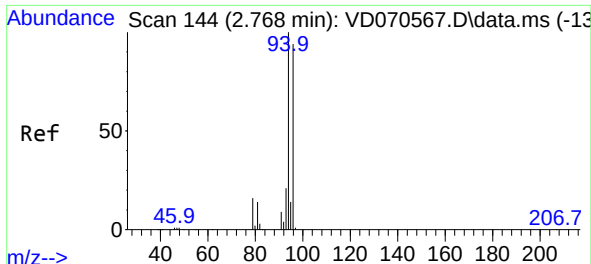
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#4
Vinyl Chloride
Concen: 3.275 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

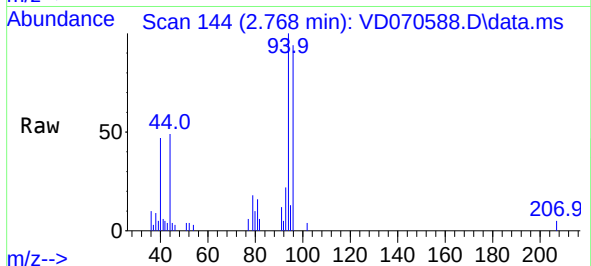
Tgt Ion: 62 Resp: 17250
Ion Ratio Lower Upper
62 100
64 23.7 24.9 37.3#





#5
Bromomethane
Concen: 3.707 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

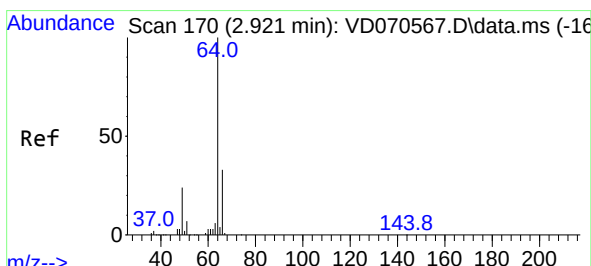
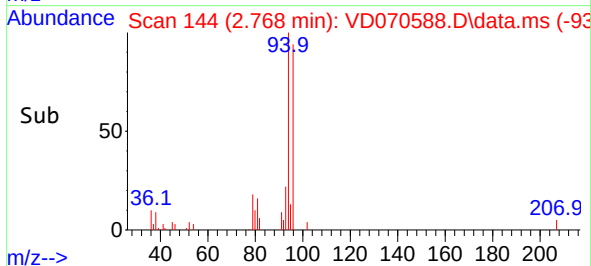
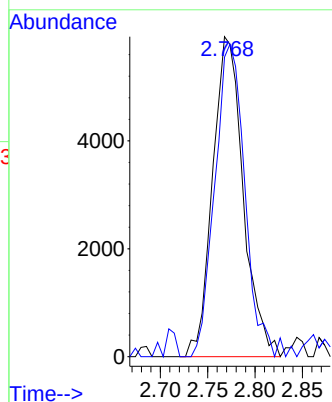
Instrument :
MSVOA_D
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M4068-01 2.5PPBLOD



Tgt Ion: 94 Resp: 13313
Ion Ratio Lower Upper
94 100
96 93.6 75.5 113.3

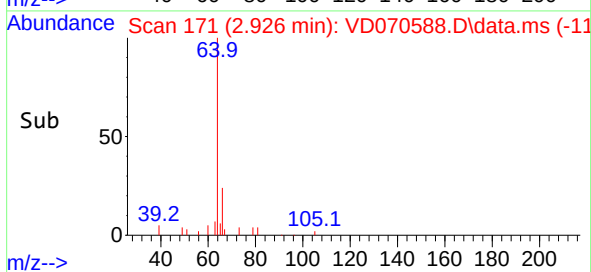
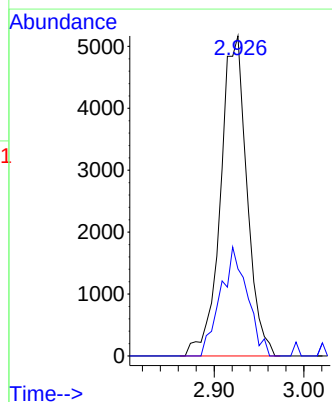
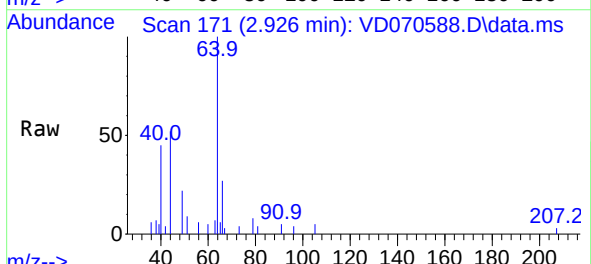
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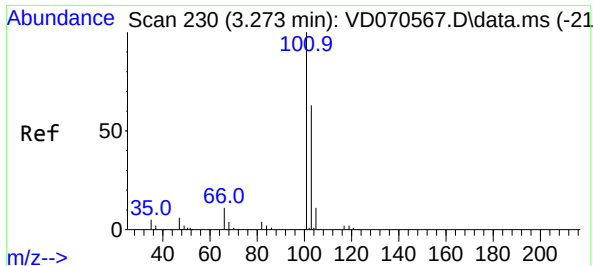
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#6
Chloroethane
Concen: 3.134 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 64 Resp: 10540
Ion Ratio Lower Upper
64 100
66 27.2 26.6 40.0





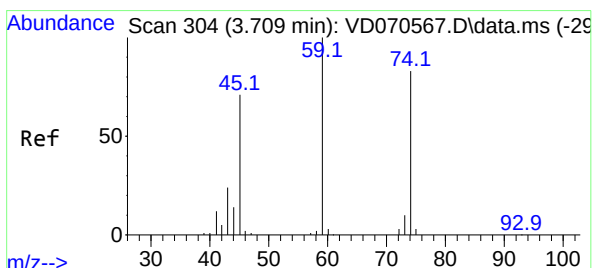
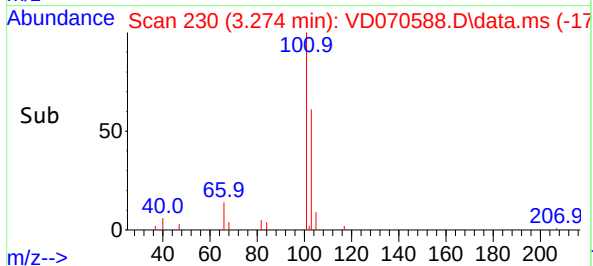
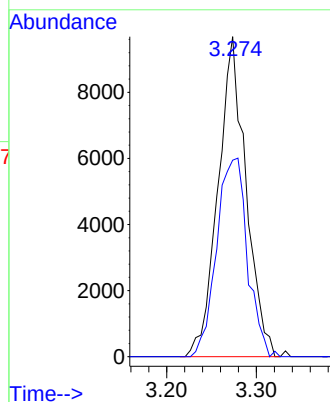
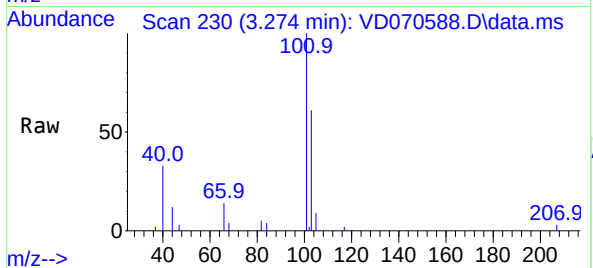
#7
Trichlorofluoromethane
Concen: 3.068 ug/l
RT: 3.274 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:101 Resp: 20943
Ion Ratio Lower Upper
101 100
103 61.4 50.1 75.1

Instrument :
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ClientSampleId :
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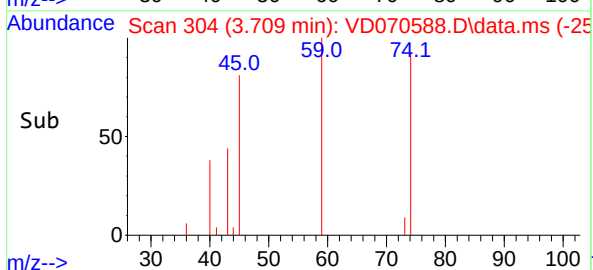
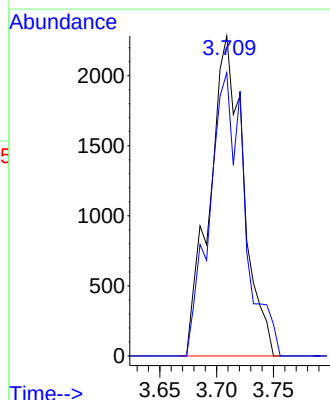
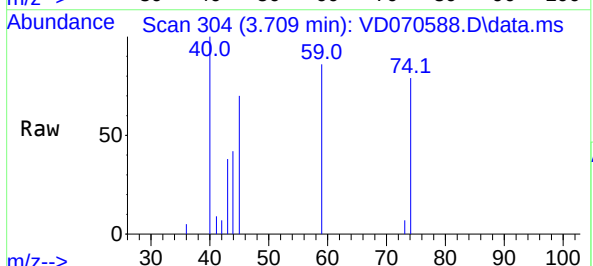
Manual Integrations
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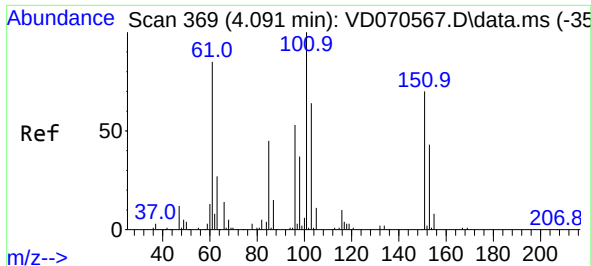
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#8
Diethyl Ether
Concen: 2.659 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 74 Resp: 4723
Ion Ratio Lower Upper
74 100
45 92.5 45.1 135.5





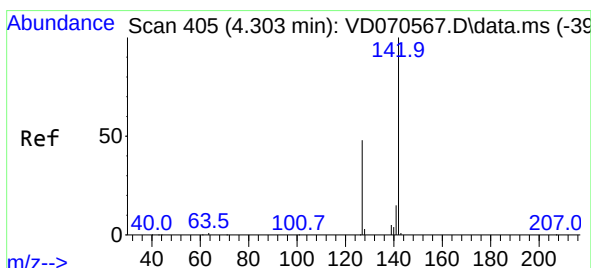
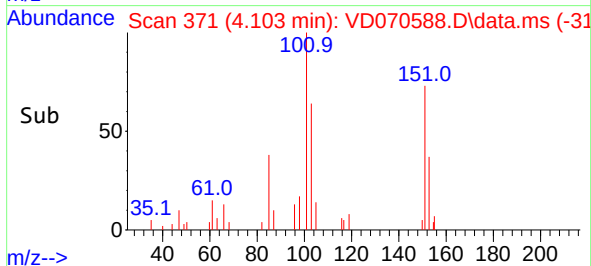
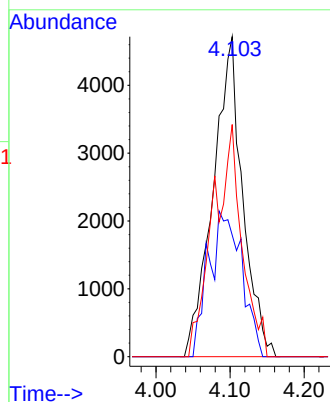
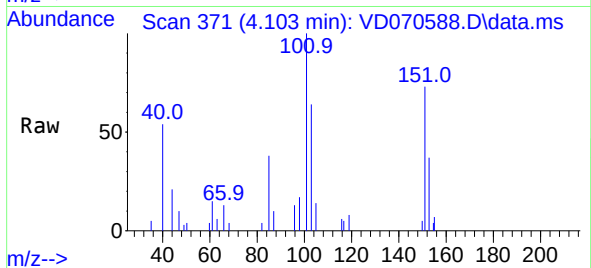
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.166 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:101 Resp: 13100
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 44.4 55.8 83.8#

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

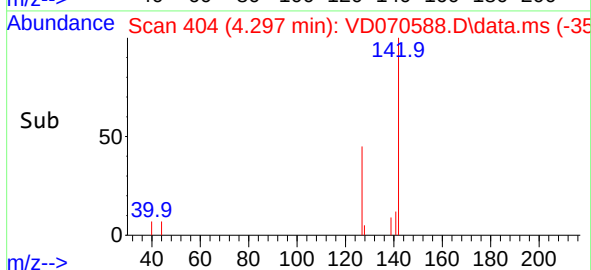
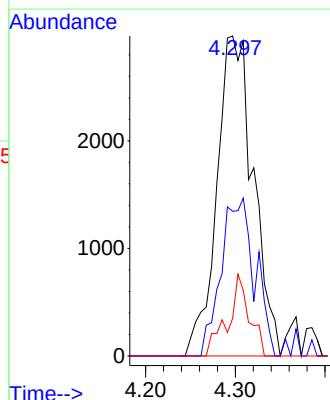
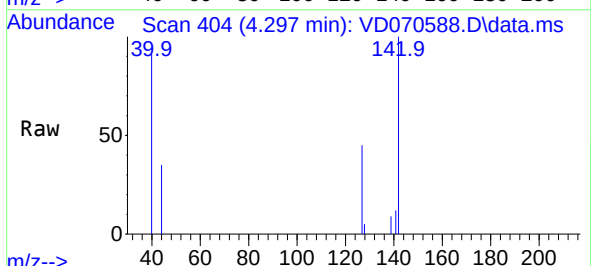
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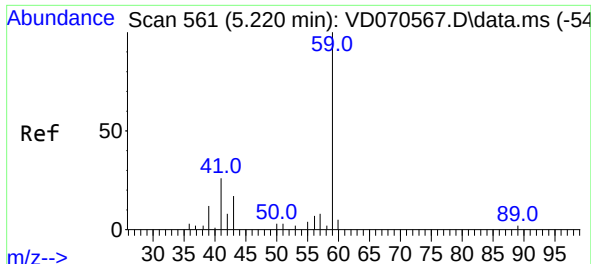
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#10
Methyl Iodide
Concen: 2.190 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:142 Resp: 8413
Ion Ratio Lower Upper
142 100
127 45.5 37.5 56.3
141 15.0 12.1 18.1

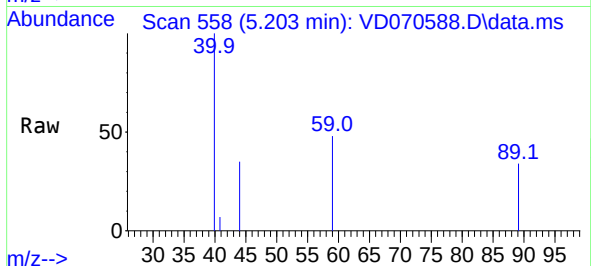




#11

Tert butyl alcohol
Concen: 21.891 ug/l m
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

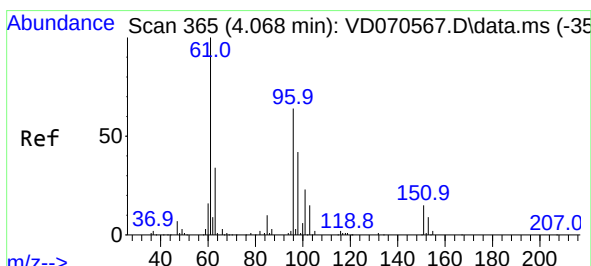
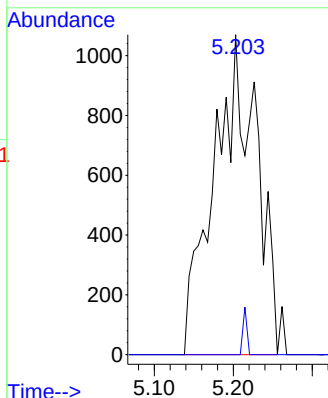
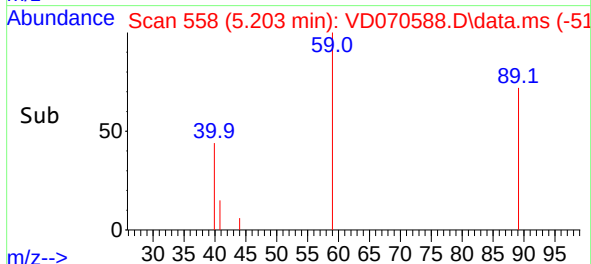
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion: 59 Resp: 4006
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

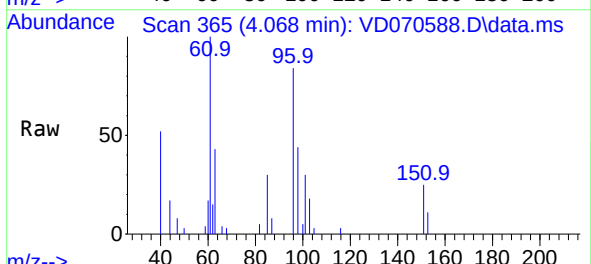
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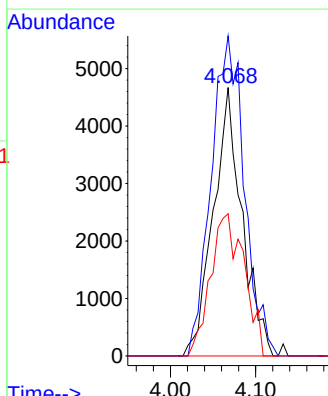
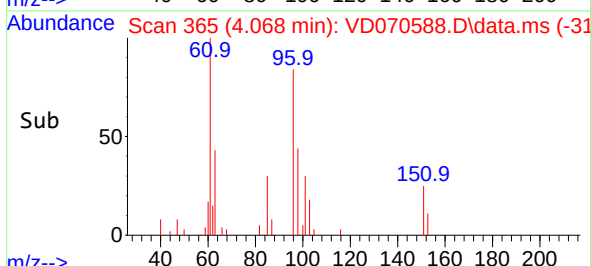


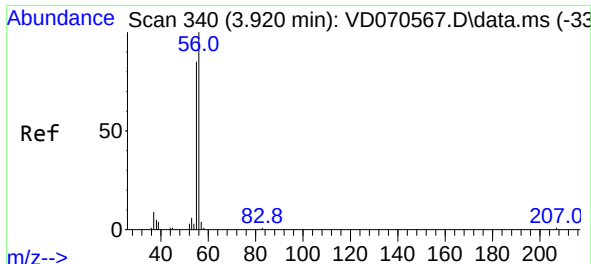
#12

1,1-Dichloroethene
Concen: 2.975 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion: 96 Resp: 10960
Ion Ratio Lower Upper
96 100
61 119.2 125.9 188.9#
98 53.0 52.3 78.5



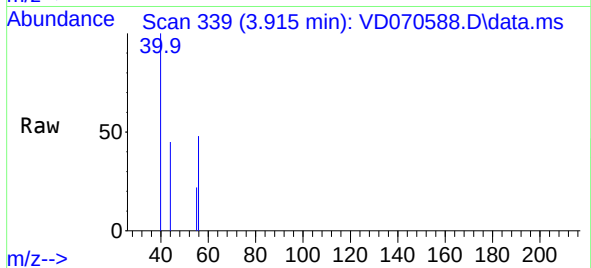


#13
Acrolein
Concen: 14.753 ug/l
RT: 3.915 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

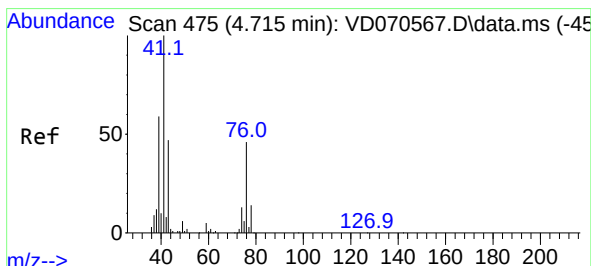
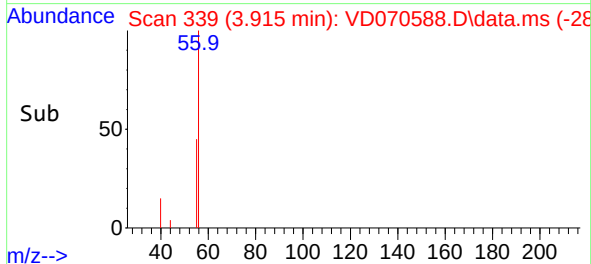
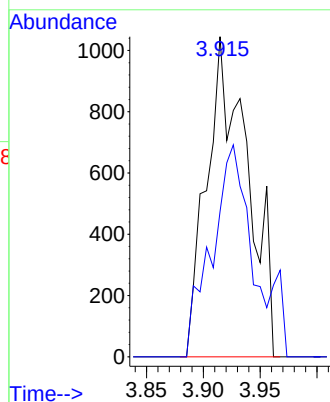
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

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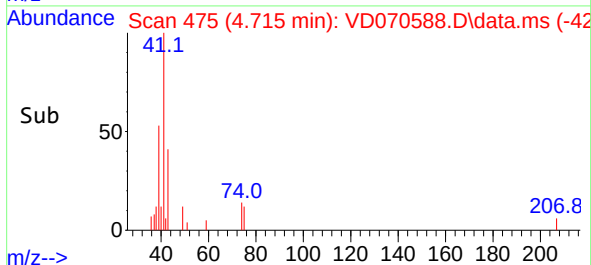
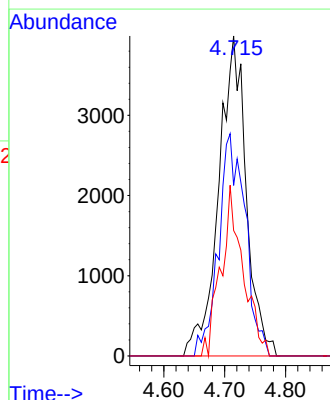
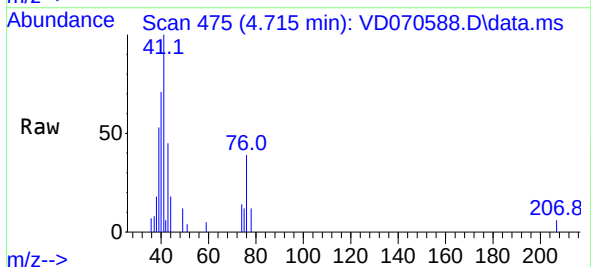


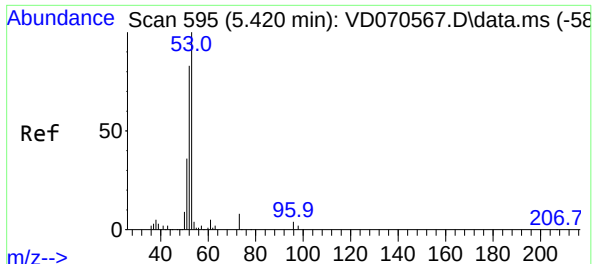
Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
55 62.1 56.8 85.2



#14
Allyl chloride
Concen: 2.449 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

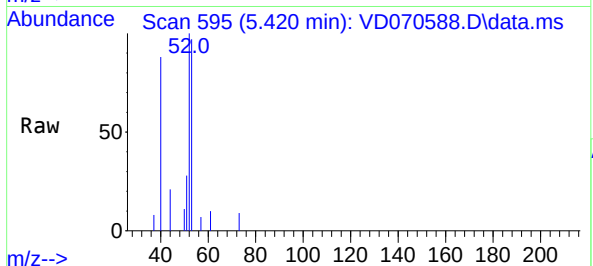
Tgt Ion: 41 Resp: 12557
Ion Ratio Lower Upper
41 100
39 67.3 46.4 69.6
76 42.9 34.6 51.8





#15
Acrylonitrile
Concen: 12.110 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

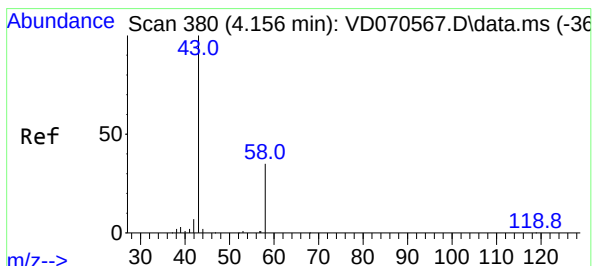
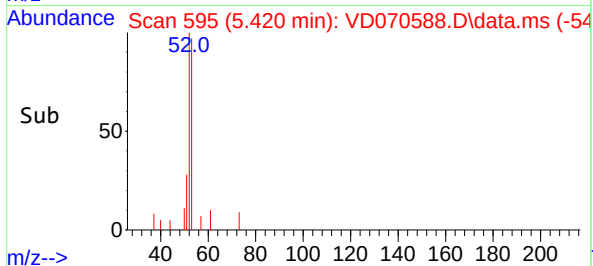
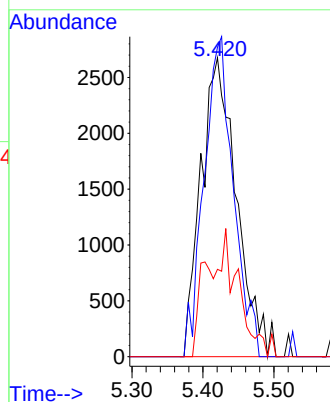
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion: 53 Resp: 9332
Ion Ratio Lower Upper
53 100
52 88.3 64.6 97.0
51 0.0 28.7 43.1#

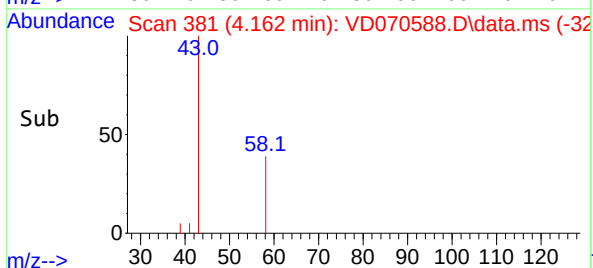
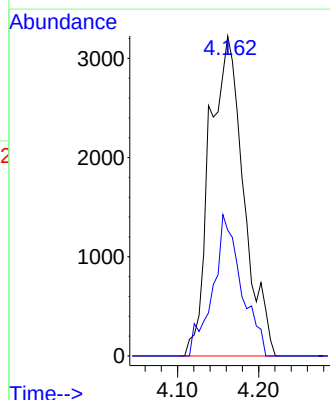
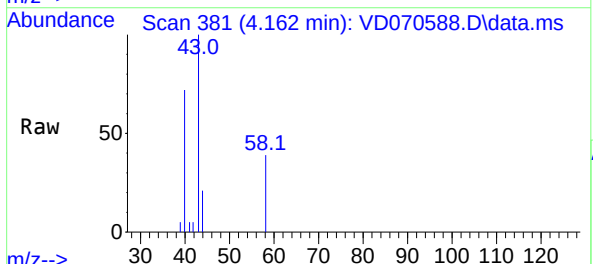
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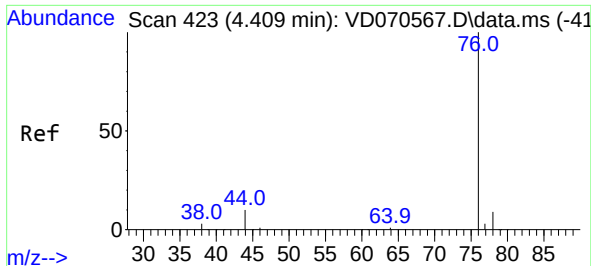
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#16
Acetone
Concen: 14.922 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

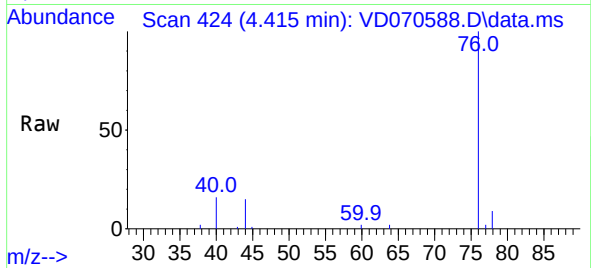
Tgt Ion: 43 Resp: 9361
Ion Ratio Lower Upper
43 100
58 39.3 28.2 42.2





#17
Carbon Disulfide
Concen: 2.963 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

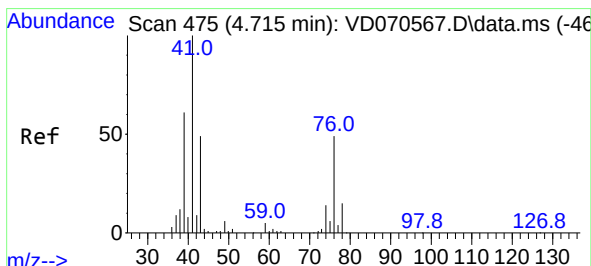
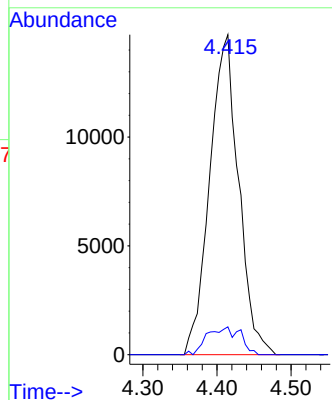
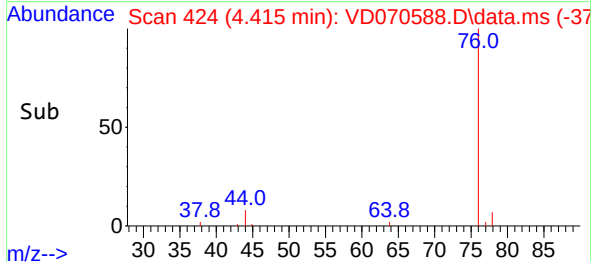
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



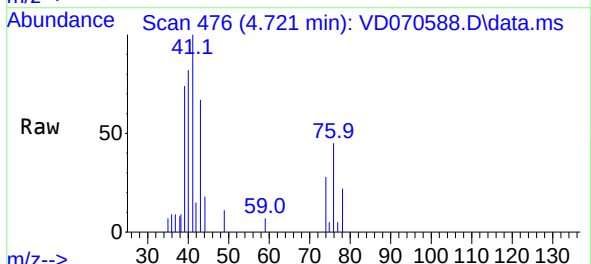
Tgt Ion: 76 Resp: 39841
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

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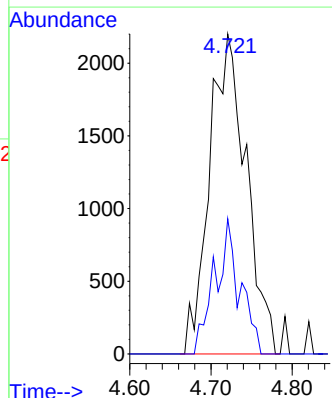
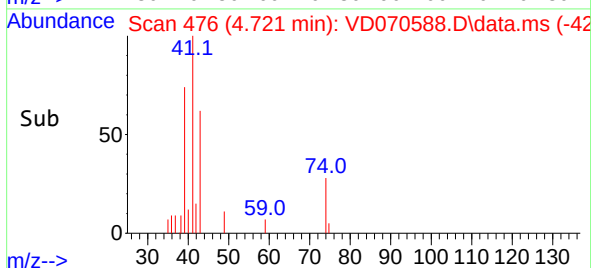
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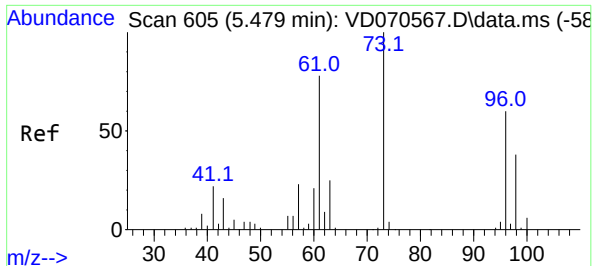


#18
Methyl Acetate
Concen: 2.860 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion: 43 Resp: 6923
Ion Ratio Lower Upper
43 100
74 28.8 22.6 33.8





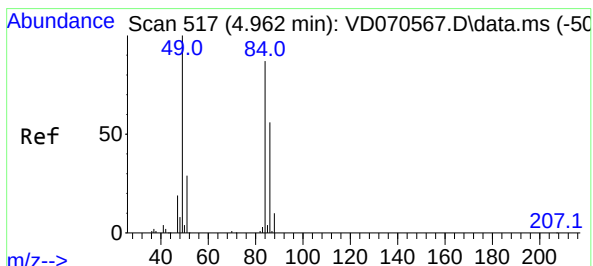
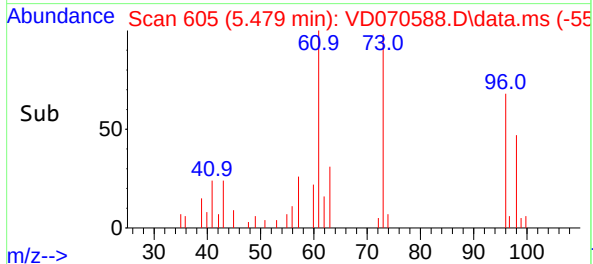
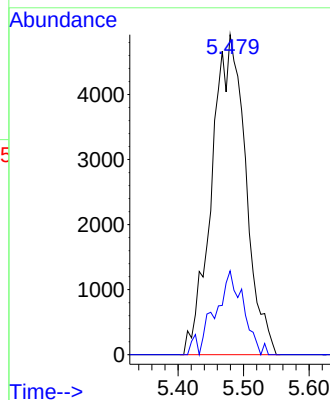
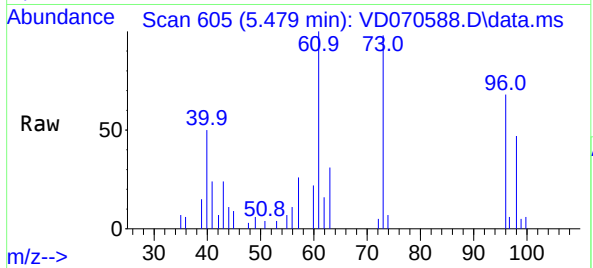
#19
Methyl tert-butyl Ether
Concen: 2.415 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 73 Resp: 17720
Ion Ratio Lower Upper
73 100
57 26.2 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

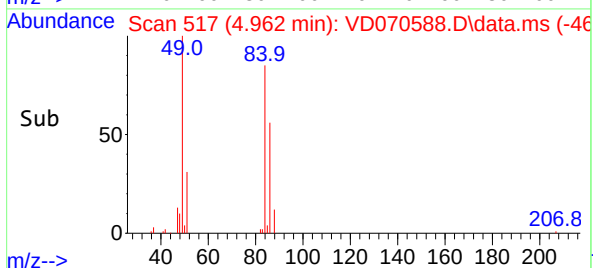
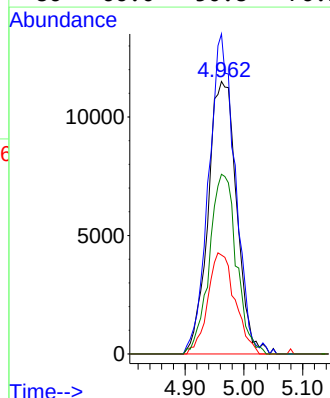
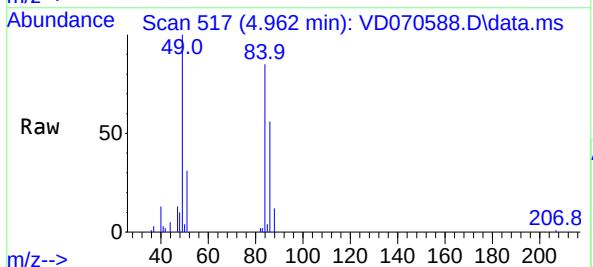
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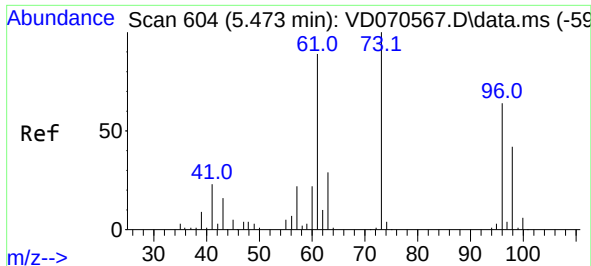
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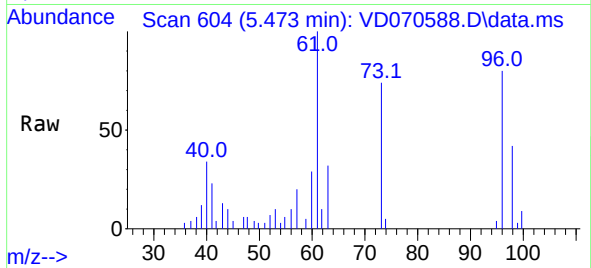
#20
Methylene Chloride
Concen: 6.630 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 84 Resp: 38810
Ion Ratio Lower Upper
84 100
49 117.4 91.4 137.2
51 36.3 26.7 40.1
86 66.0 50.8 76.2



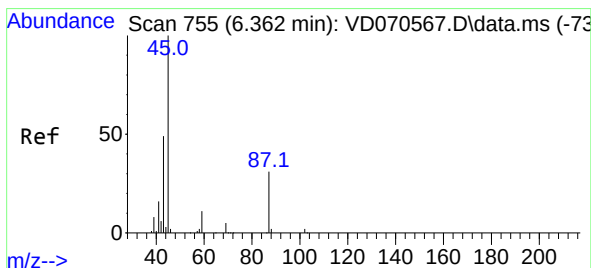
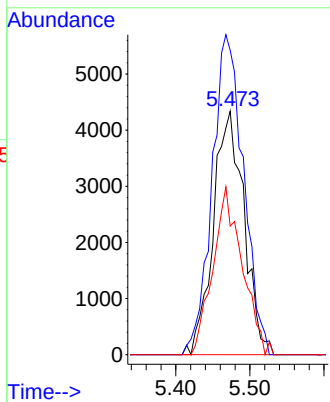
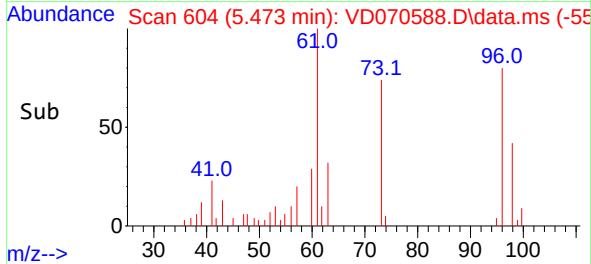


#21
trans-1,2-Dichloroethene
Concen: 2.880 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

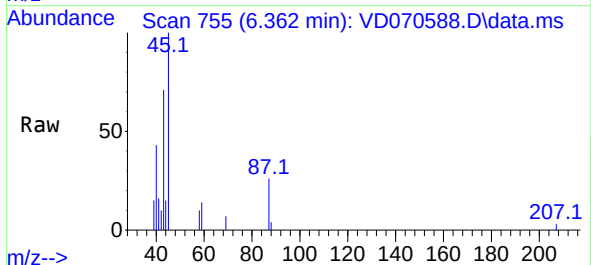


Tgt Ion: 96 Resp: 12479

Ion	Ratio	Lower	Upper
96	100		
61	125.0	111.1	166.7
98	52.8	51.9	77.9

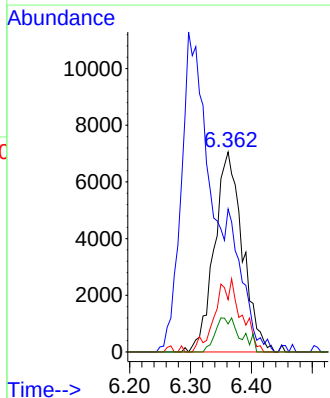
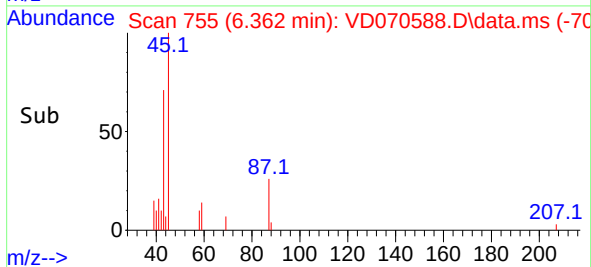


#22
Diisopropyl ether
Concen: 2.145 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion: 45 Resp: 22598

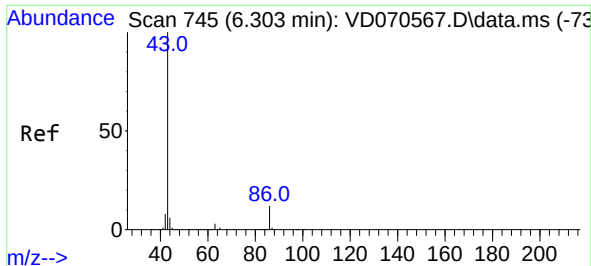
Ion	Ratio	Lower	Upper
45	100		
43	71.4	40.6	61.0#
87	26.1	24.6	37.0
59	14.0	9.1	13.7#



Instrument :
MSVOA_D
ClientSampleId :
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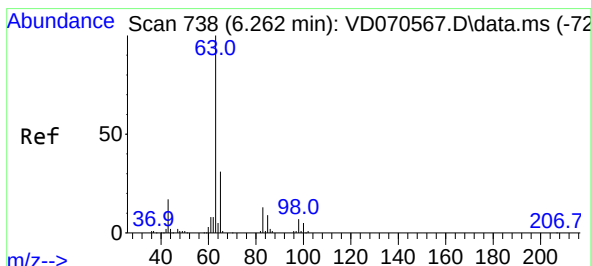
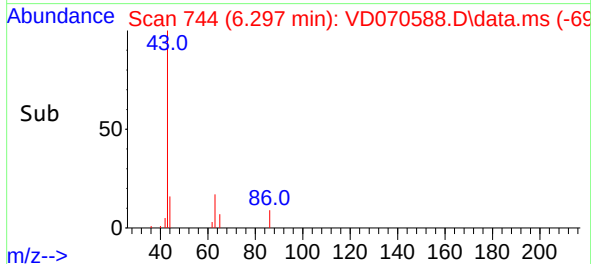
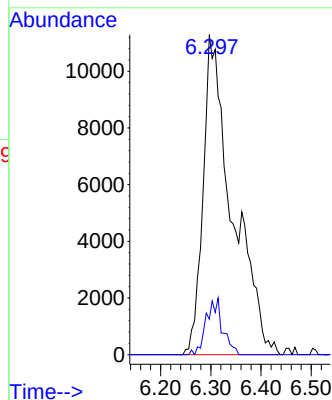
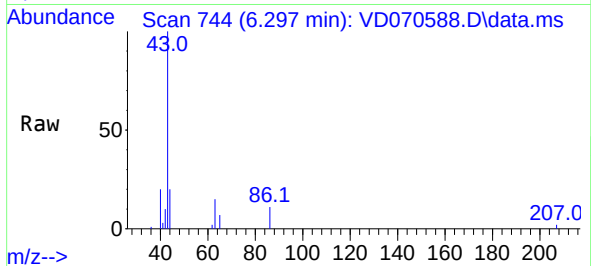
#23
 Vinyl Acetate
 Concen: 9.519 ug/l m
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD070588.D
 Acq: 06 Oct 2021 12:42

Tgt Ion: 43 Resp: 45586
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.8 14.6

Instrument :
 MSVOA_D
 ClientSampleId :
 M4068-01 2.5PPBLOD

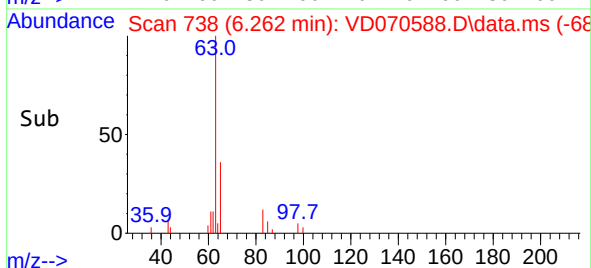
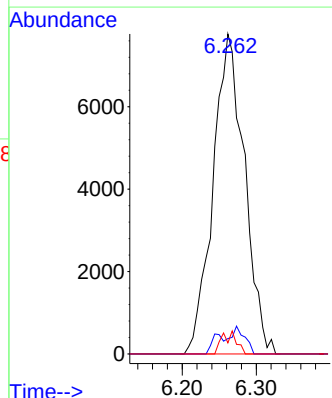
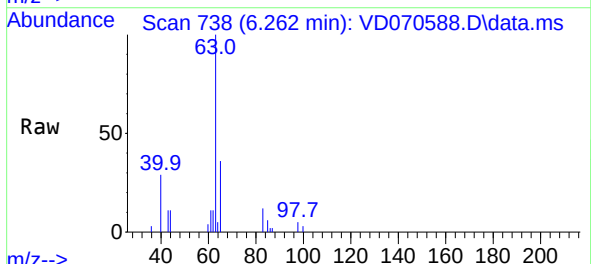
Manual Integrations
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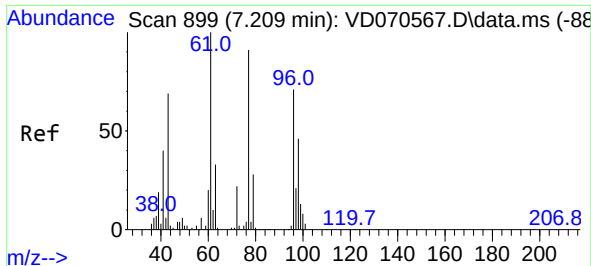
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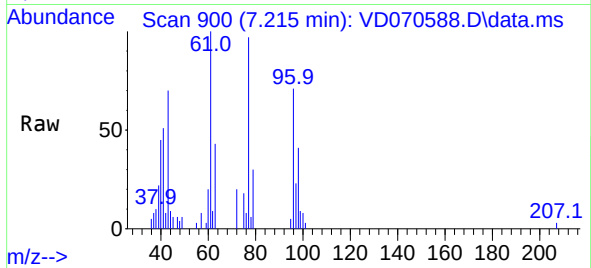
#24
 1,1-Dichloroethane
 Concen: 2.952 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070588.D
 Acq: 06 Oct 2021 12:42

Tgt Ion: 63 Resp: 22902
 Ion Ratio Lower Upper
 63 100
 98 4.8 3.6 10.9
 100 3.5 2.4 7.2

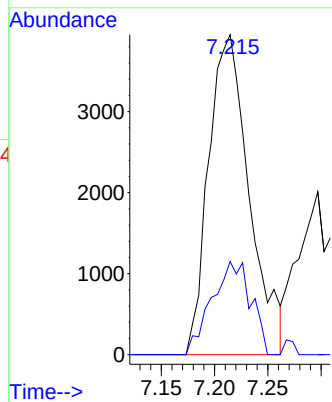
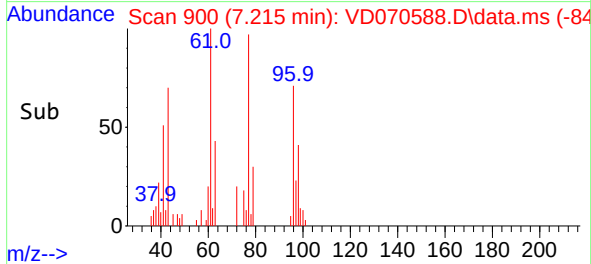




#25
2-Butanone
Concen: 12.754 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



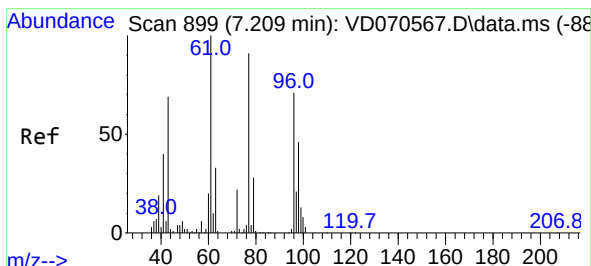
Tgt Ion: 43 Resp: 10475
Ion Ratio Lower Upper
43 100
72 29.1 25.2 37.8



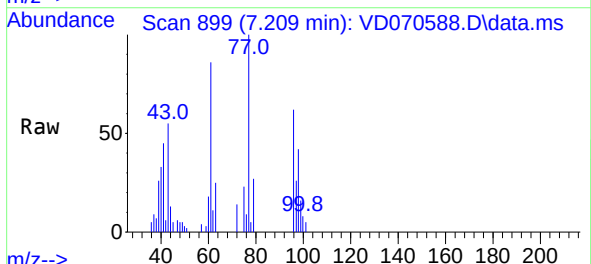
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

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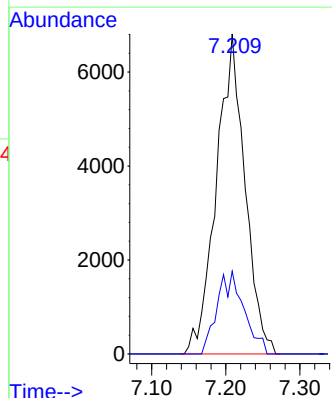
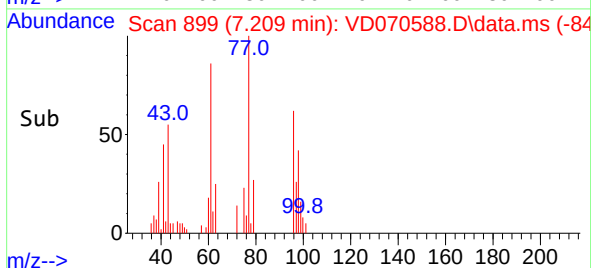
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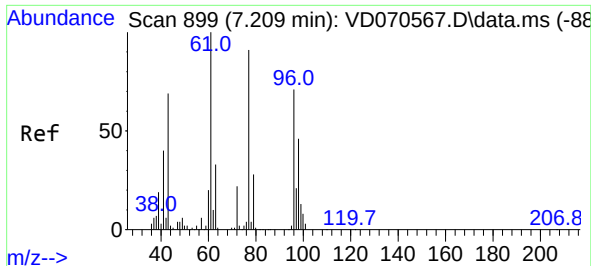


#26
2,2-Dichloropropane
Concen: 2.837 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



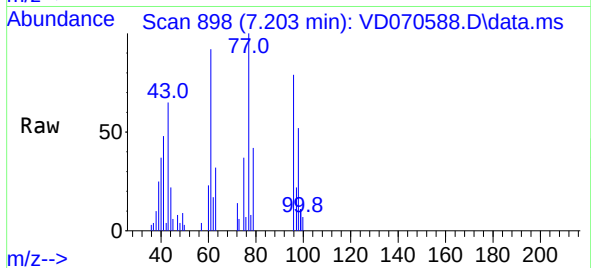
Tgt Ion: 77 Resp: 18215
Ion Ratio Lower Upper
77 100
97 11.1 11.9 35.7#





#27
cis-1,2-Dichloroethene
Concen: 2.588 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

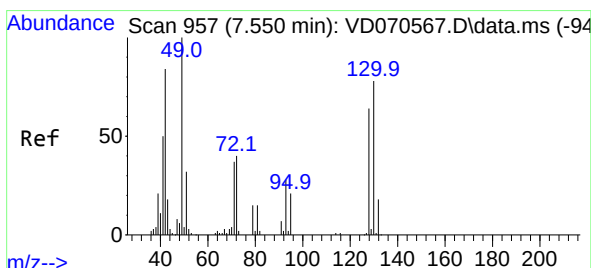
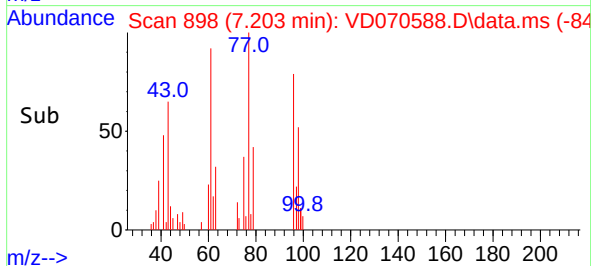
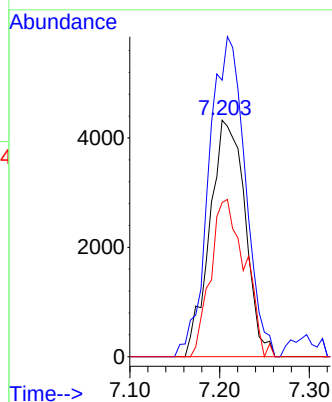


Tgt Ion: 96 Resp: 11785

Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	278.2
98	65.0	0.0	128.6

Manual Integrations
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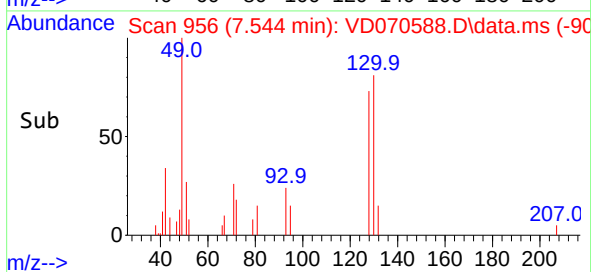
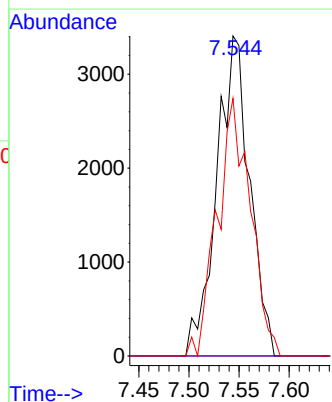
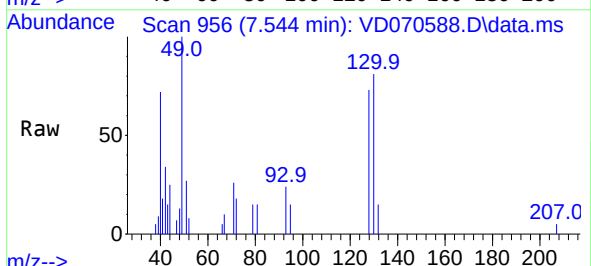
MMDadoda
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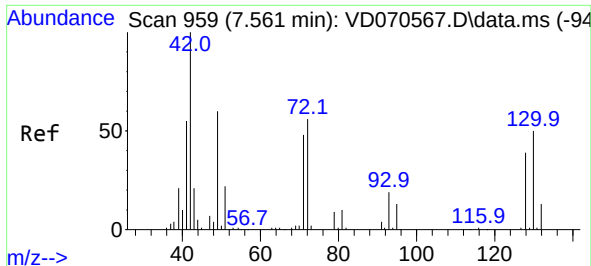


#28
Bromochloromethane
Concen: 2.875 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 49 Resp: 7765

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	81.2	62.4	93.6





#29

Tetrahydrofuran

Concen: 12.269 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070588.D

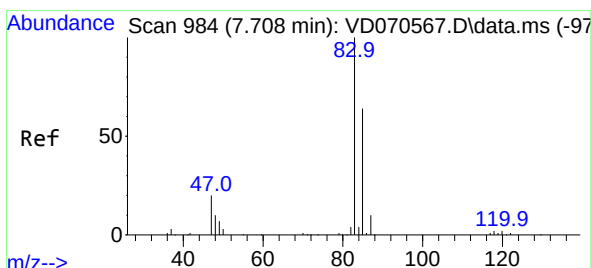
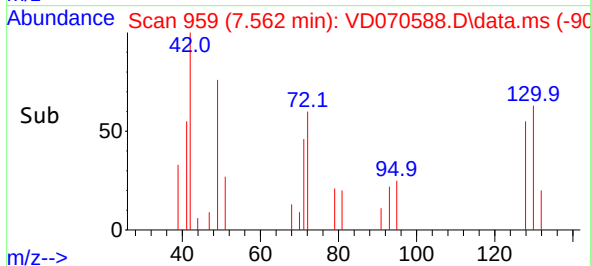
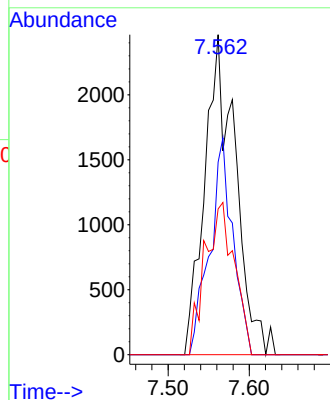
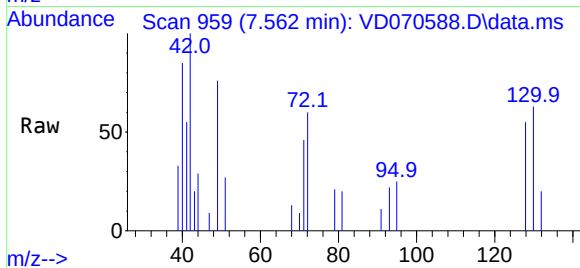
Acq: 06 Oct 2021 12:42

Tgt Ion:	42	Resp:	6495
Ion	Ratio	Lower	Upper
42	100		
72	50.7	40.2	60.4
71	45.0	37.2	55.8

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

Manual Integrations
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#30

Chloroform

Concen: 2.916 ug/l

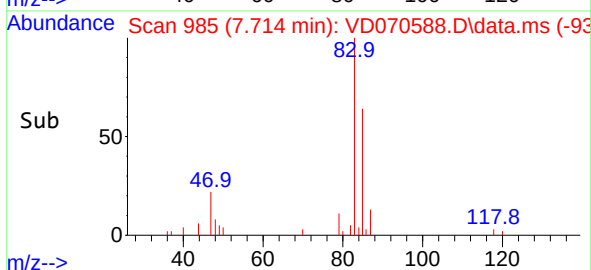
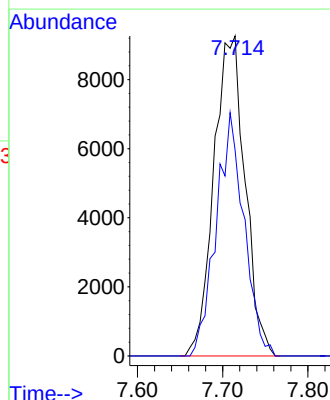
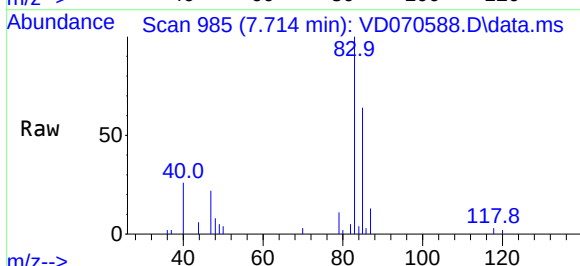
RT: 7.714 min Scan# 985

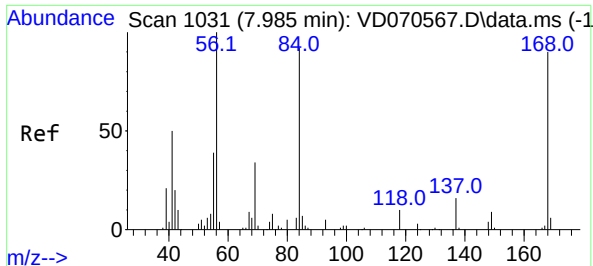
Delta R.T. 0.006 min

Lab File: VD070588.D

Acq: 06 Oct 2021 12:42

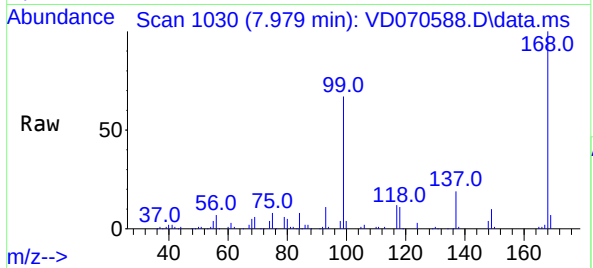
Tgt Ion:	83	Resp:	23537
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8





#31
Cyclohexane
Concen: 3.405 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

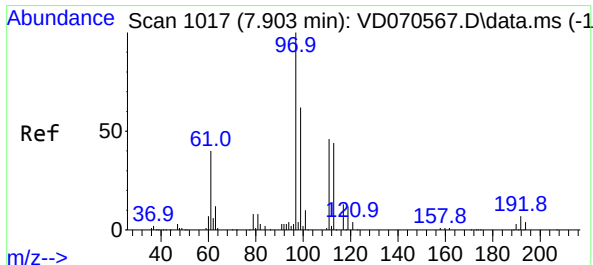
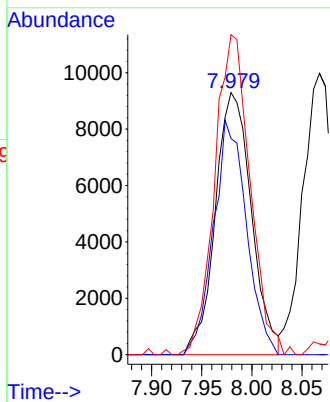
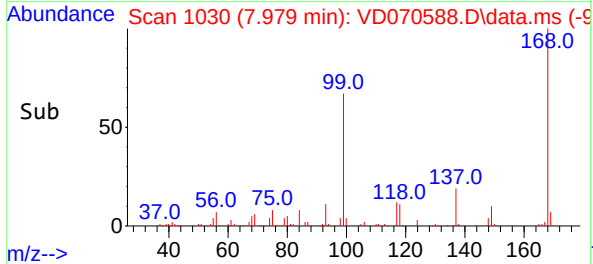
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



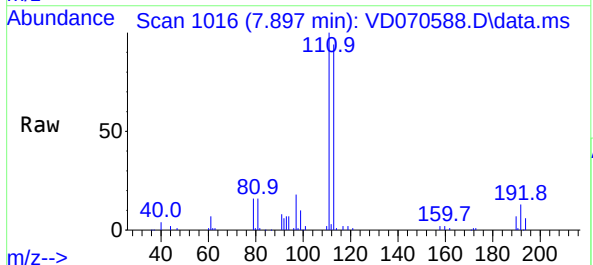
Tgt Ion: 56 Resp: 23290
Ion Ratio Lower Upper
56 100
69 82.5 27.4 41.2#
84 122.1 73.6 110.4#

Manual Integrations
APPROVED

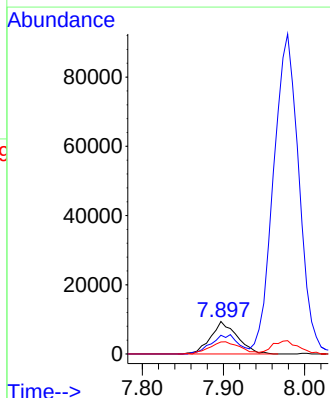
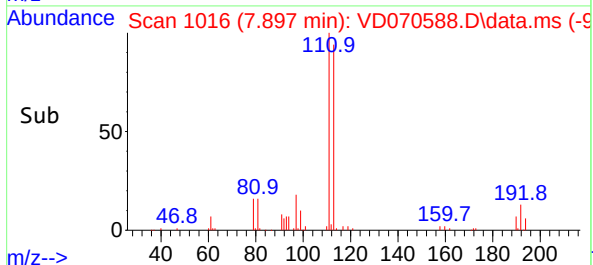
MMDadoda
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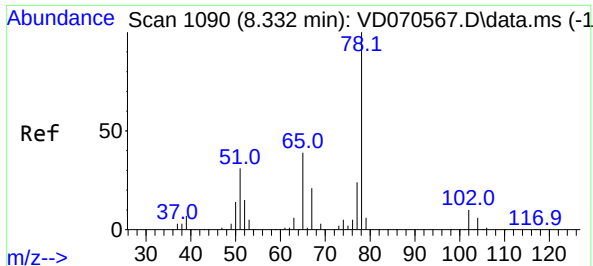


#32
1,1,1-Trichloroethane
Concen: 3.056 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion: 97 Resp: 21242
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 43.2 32.5 48.7





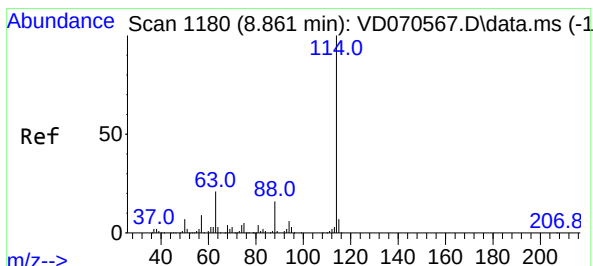
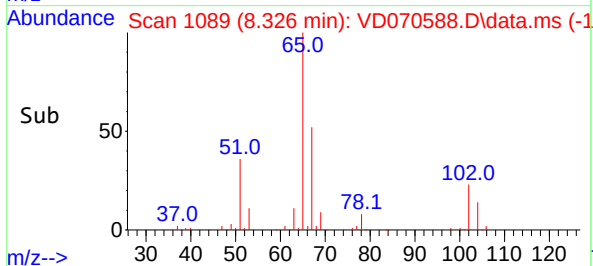
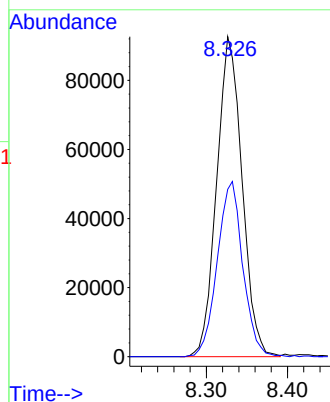
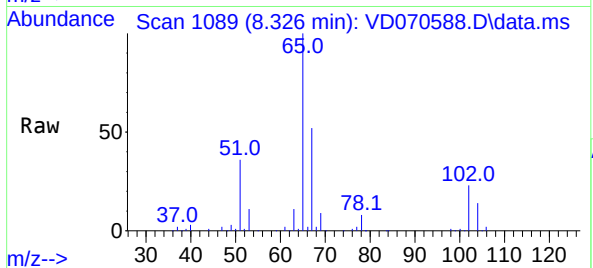
#33
1,2-Dichloroethane-d4
Concen: 54.551 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 65 Resp: 201518
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

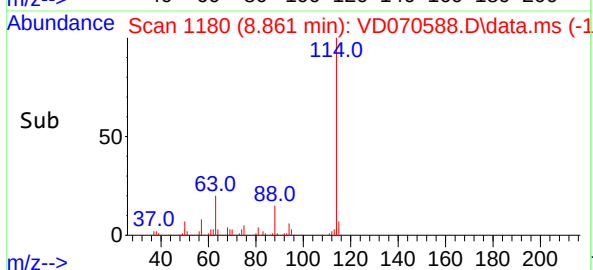
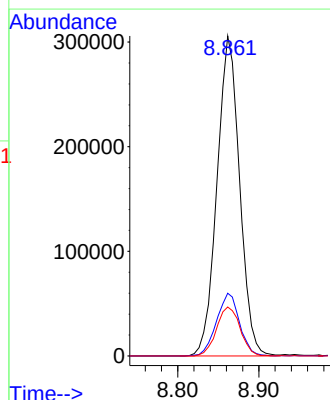
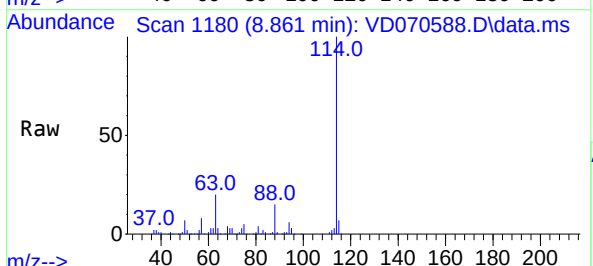
Manual Integrations
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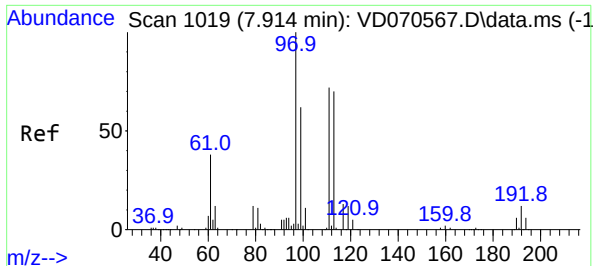
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

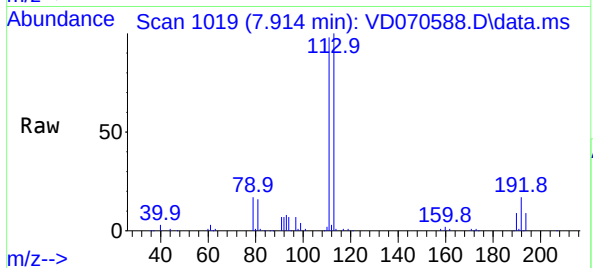
Tgt Ion: 114 Resp: 592087
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.856 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

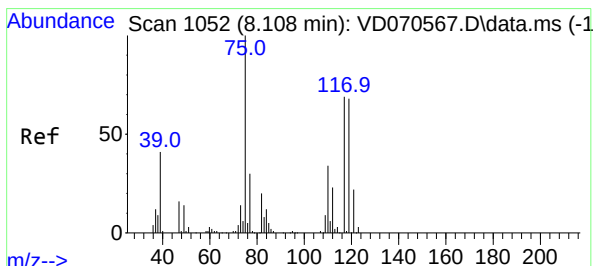
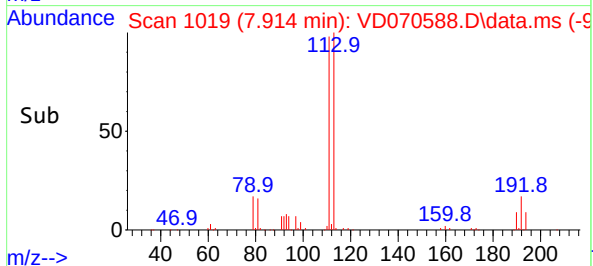
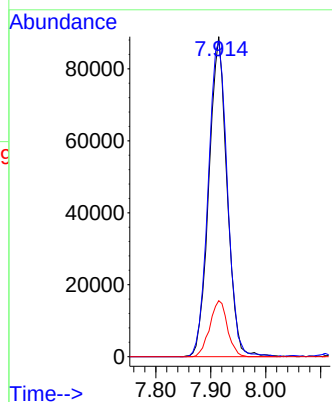
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion:113 Resp: 204132
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 17.0 12.7 19.1

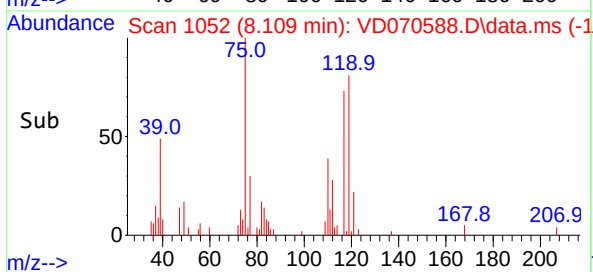
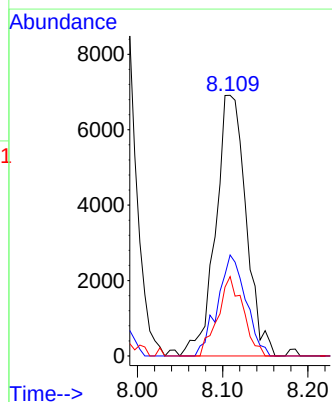
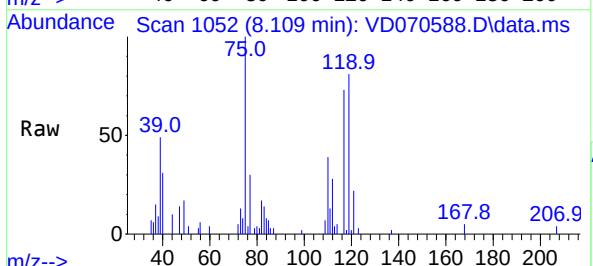
Manual Integrations
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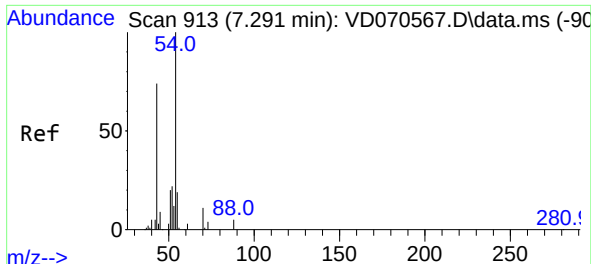
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#36
1,1-Dichloropropene
Concen: 2.721 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

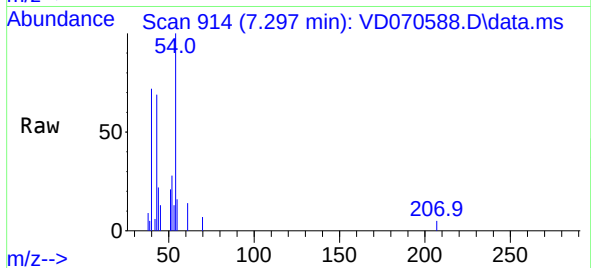
Tgt Ion: 75 Resp: 17112
Ion Ratio Lower Upper
75 100
110 36.1 17.2 51.6
77 25.3 24.2 36.4





#37
Ethyl Acetate
Concen: 2.236 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

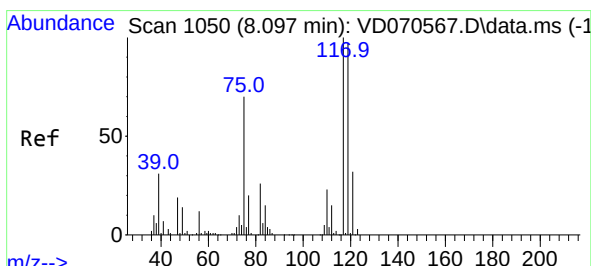
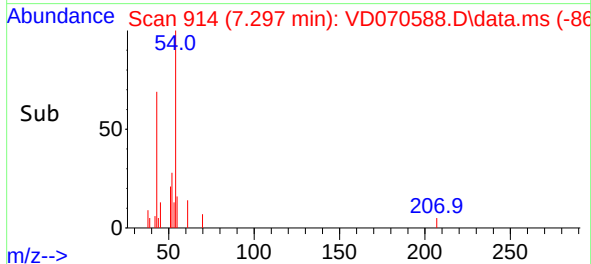
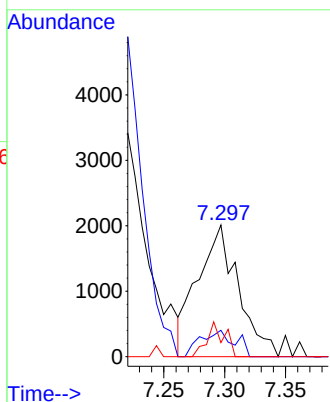


Tgt Ion: 43 Resp: 4672

Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.9	19.3
70	11.4	9.9	14.9

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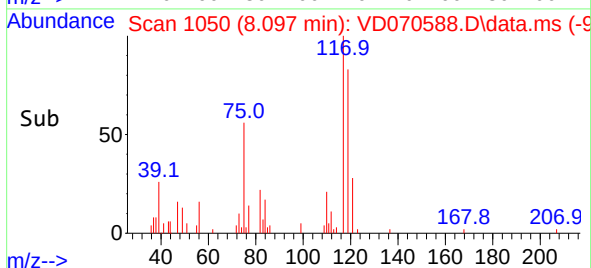
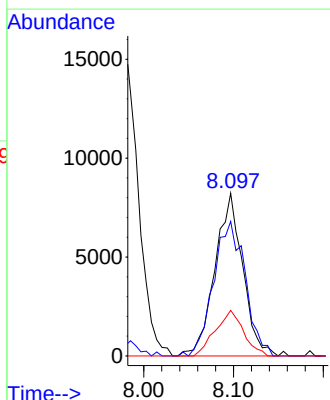
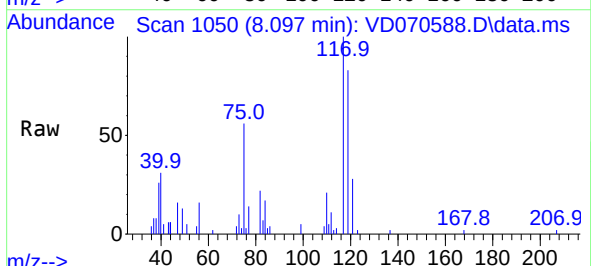
MMDadoda
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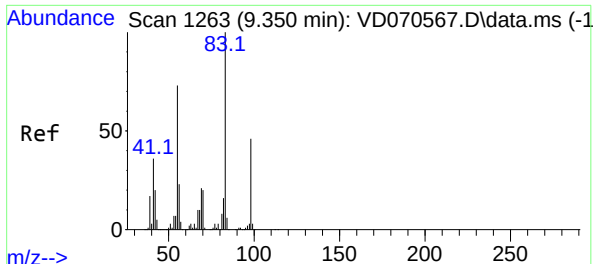


#38
Carbon Tetrachloride
Concen: 2.693 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 117 Resp: 17722

Ion	Ratio	Lower	Upper
117	100		
119	82.7	77.4	116.0
121	28.1	25.4	38.0





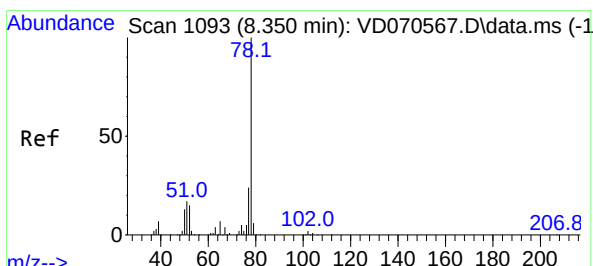
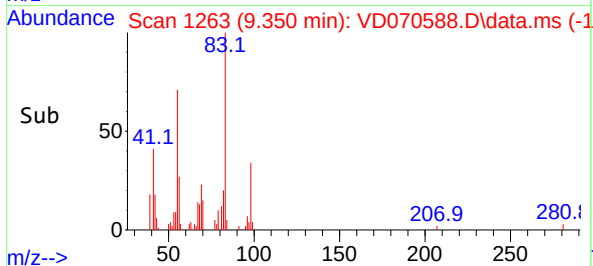
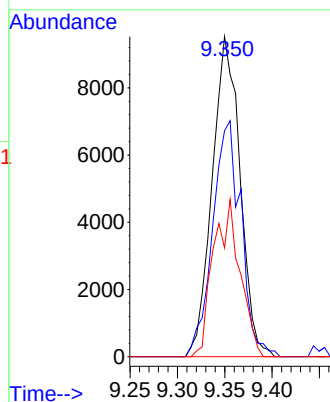
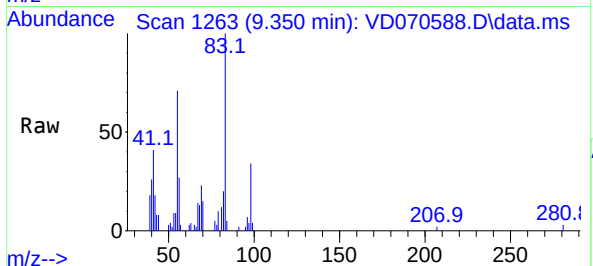
#39
Methylcyclohexane
Concen: 2.696 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 83 Resp: 19492
Ion Ratio Lower Upper
83 100
55 70.6 58.2 87.4
98 34.0 36.9 55.3#

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

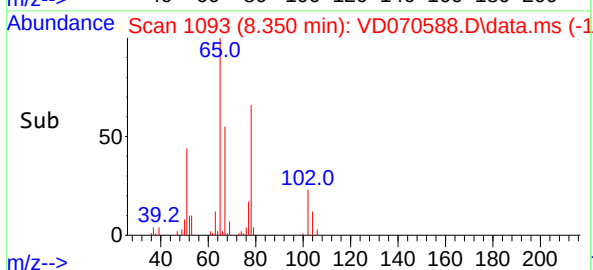
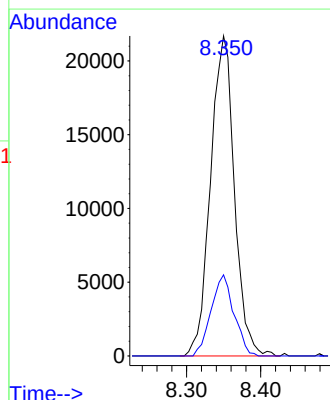
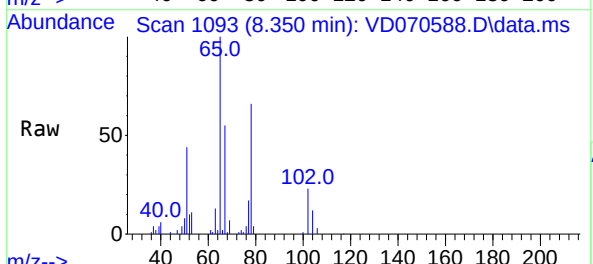
Manual Integrations
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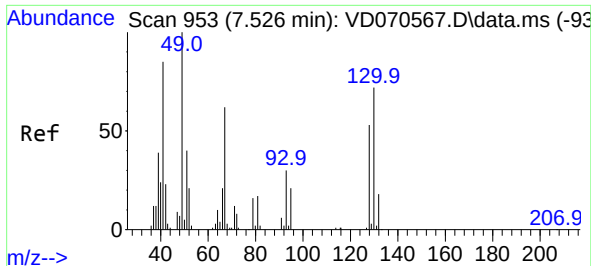
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#40
Benzene
Concen: 2.619 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

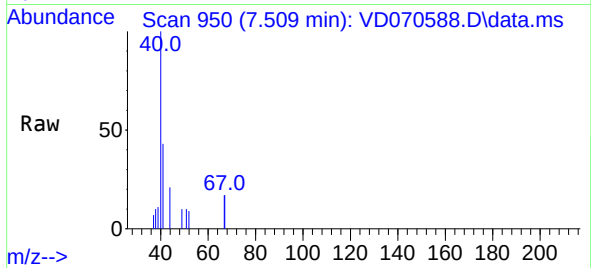
Tgt Ion: 78 Resp: 48536
Ion Ratio Lower Upper
78 100
77 25.3 18.9 28.3





#41
Methacrylonitrile
Concen: 2.879 ug/l m
RT: 7.509 min Scan# 950
Delta R.T. -0.018 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

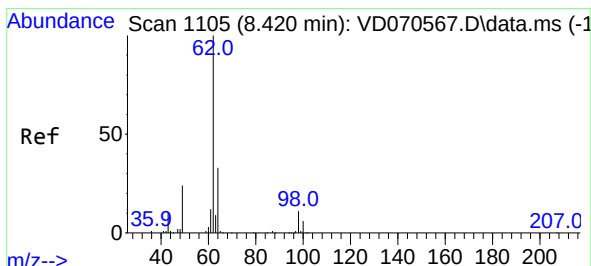
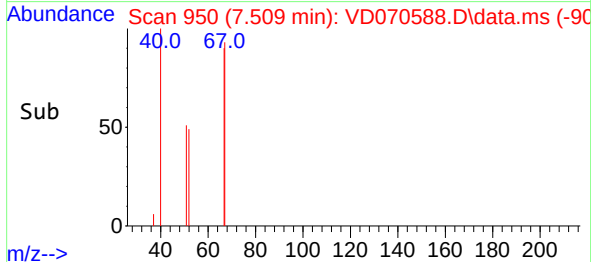
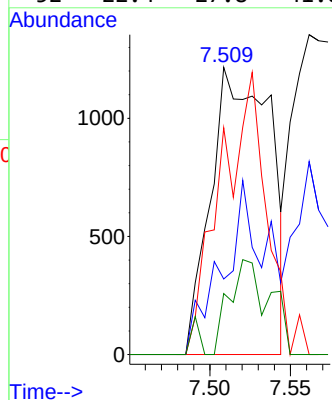
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion: 41 Resp: 3102
Ion Ratio Lower Upper
41 100
39 34.3 45.2 67.8#
67 76.3 75.8 113.6
52 22.4 27.8 41.8#

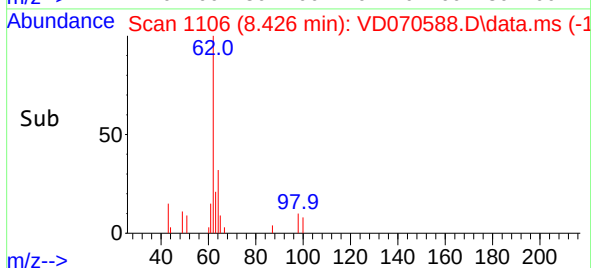
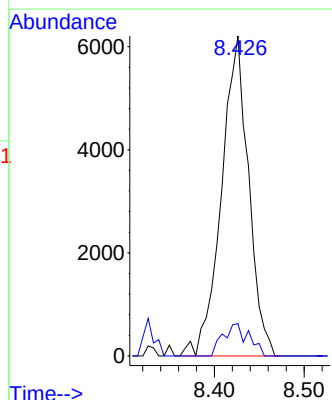
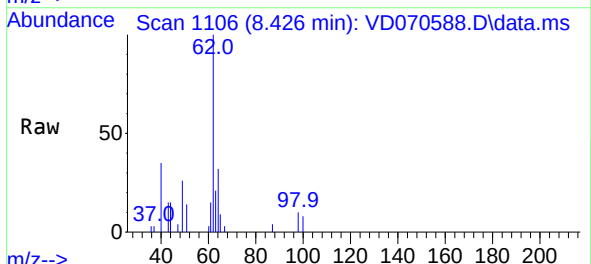
Manual Integrations
APPROVED

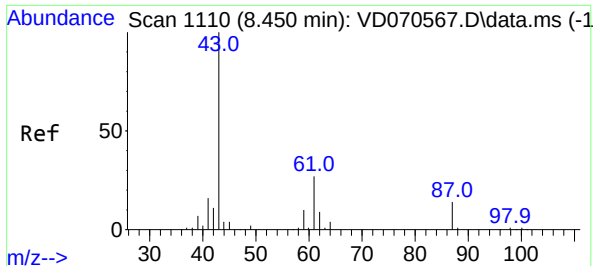
MMDadoda
10/7/2021 5:32:36 PM



#42
1,2-Dichloroethane
Concen: 2.723 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 62 Resp: 13052
Ion Ratio Lower Upper
62 100
98 9.5 0.0 22.0





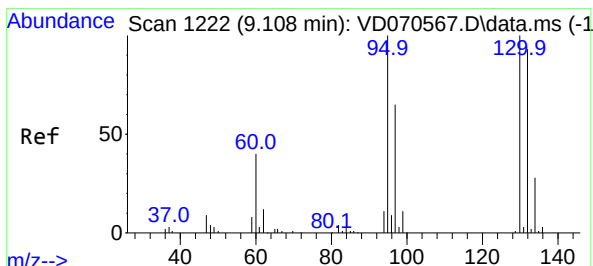
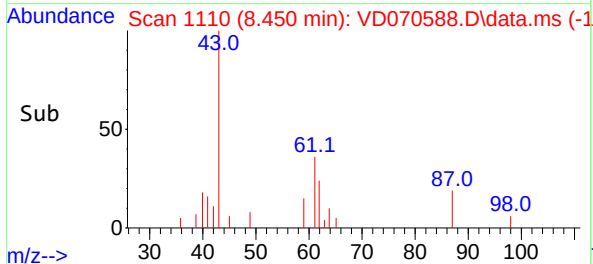
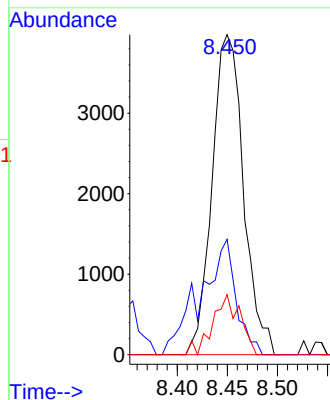
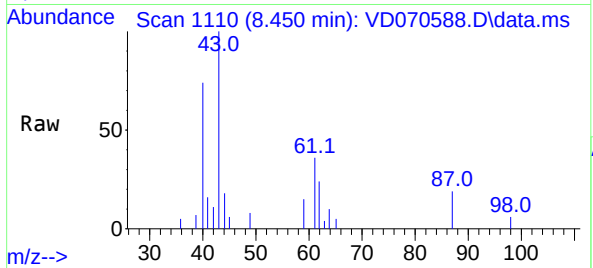
#43
Isopropyl Acetate
Concen: 2.262 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 43 Resp: 8659
Ion Ratio Lower Upper
43 100
61 30.6 29.0 43.4
87 16.5 11.8 17.6

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

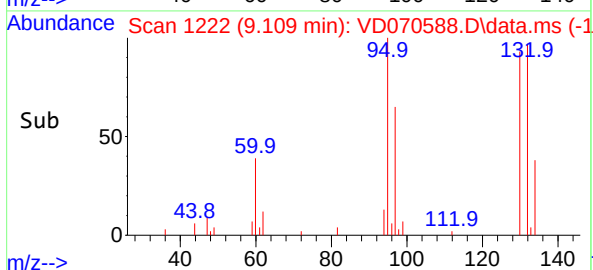
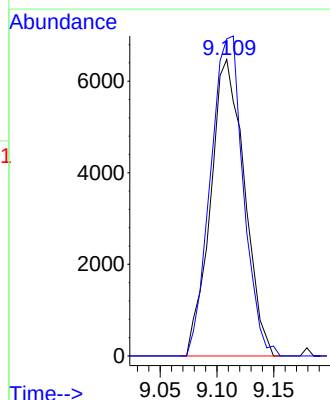
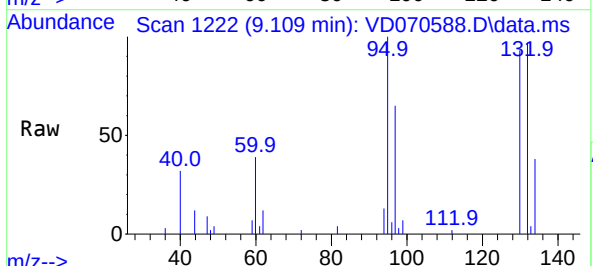
Manual Integrations
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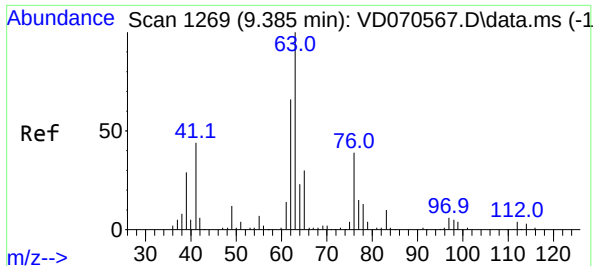
MMDadoda
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#44
Trichloroethene
Concen: 2.943 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:130 Resp: 13452
Ion Ratio Lower Upper
130 100
95 107.0 0.0 200.8





#45

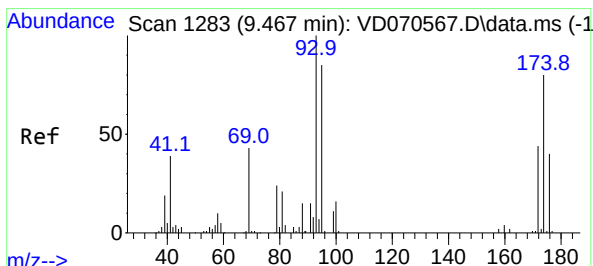
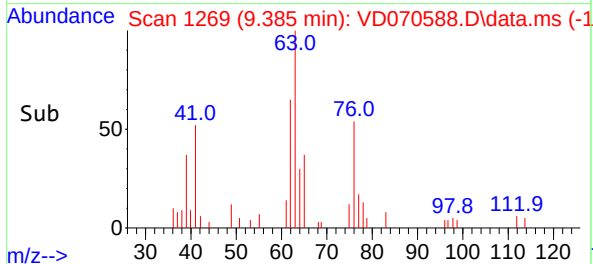
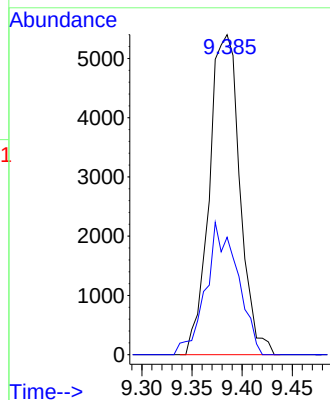
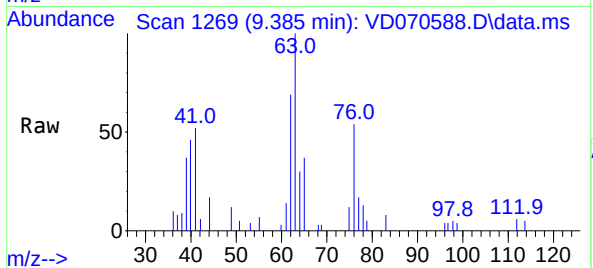
1,2-Dichloropropane
Concen: 2.416 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 63 Resp: 11428
Ion Ratio Lower Upper
63 100
65 36.7 23.8 35.8#

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

Manual Integrations
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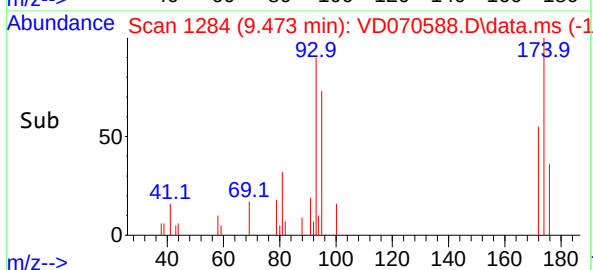
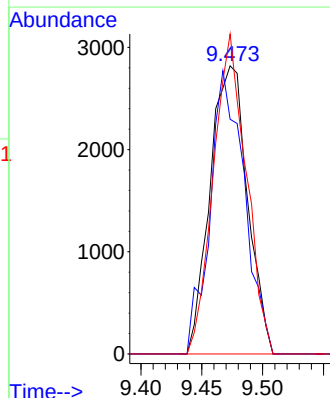
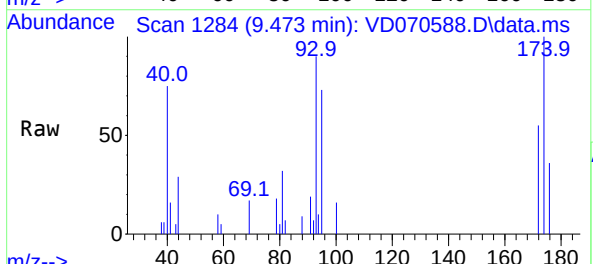
MMDadoda
10/7/2021 5:32:36 PM

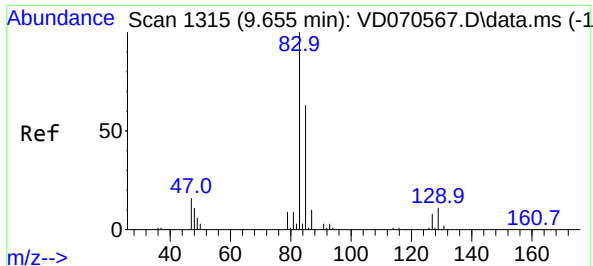


#46

Dibromomethane
Concen: 2.486 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 93 Resp: 6036
Ion Ratio Lower Upper
93 100
95 89.9 66.5 99.7
174 97.1 66.7 100.1





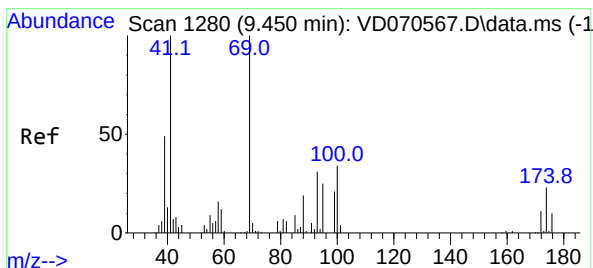
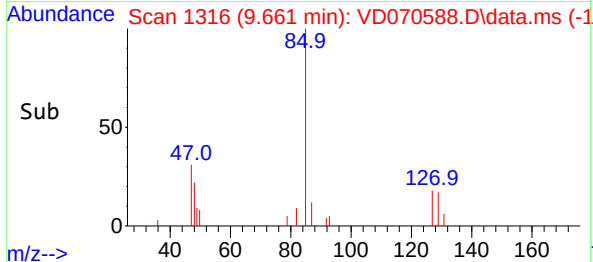
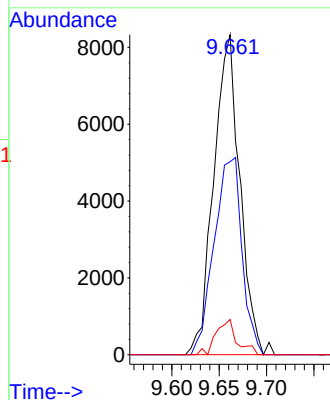
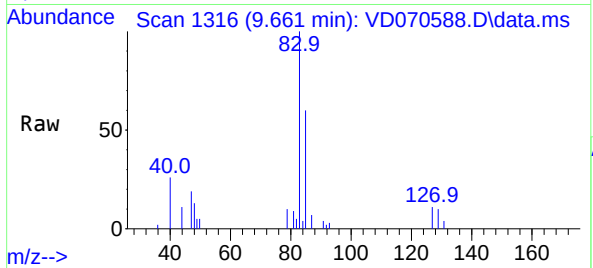
#47
Bromodichloromethane
Concen: 2.553 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 83 Resp: 15997
Ion Ratio Lower Upper
83 100
85 60.3 50.7 76.1
127 11.0 6.5 9.7#

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

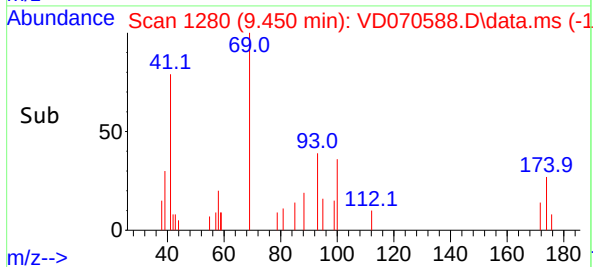
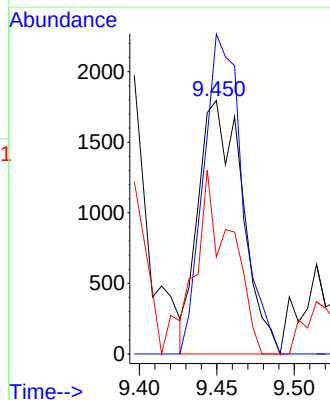
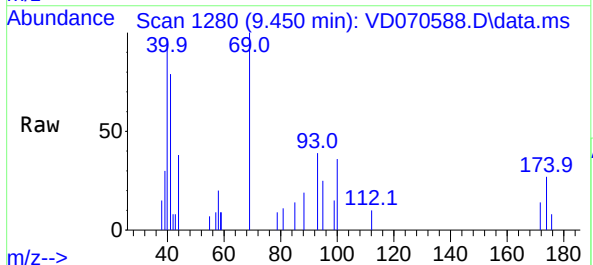
Manual Integrations
APPROVED

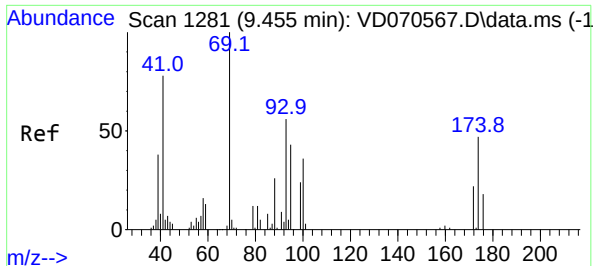
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#48
Methyl methacrylate
Concen: 1.975 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 41 Resp: 3545
Ion Ratio Lower Upper
41 100
69 111.1 78.5 117.7
39 60.7 34.9 52.3#





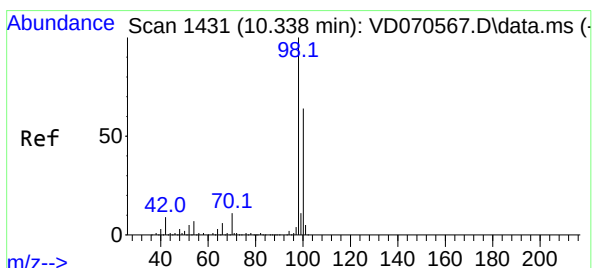
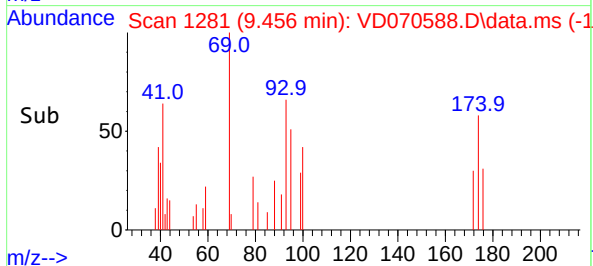
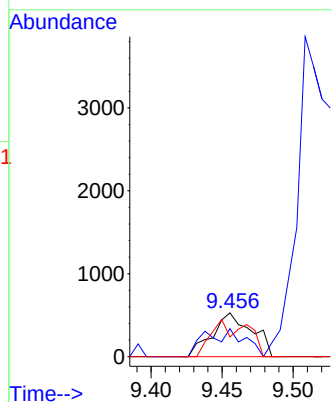
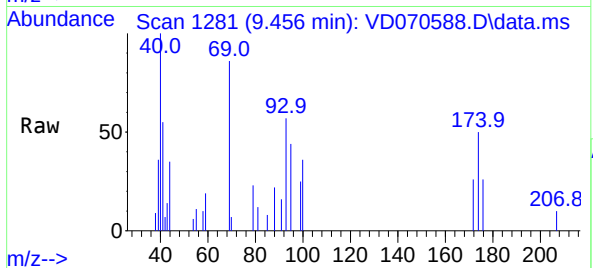
#49
1,4-Dioxane
Concen: 41.429 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 88 Resp: 1022
Ion Ratio Lower Upper
88 100
43 31.3 25.1 37.7
58 40.5 57.4 86.0#

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

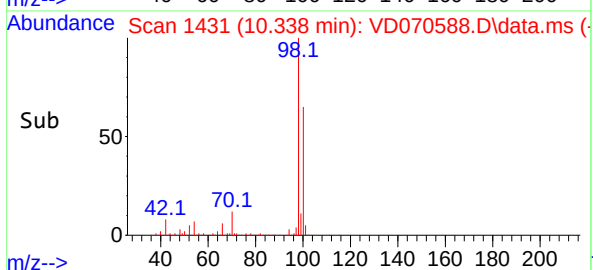
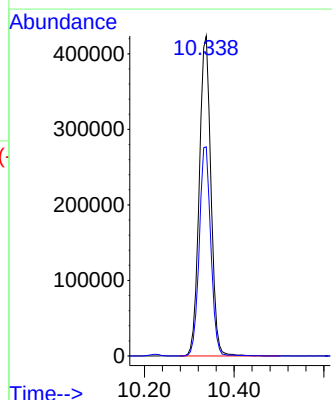
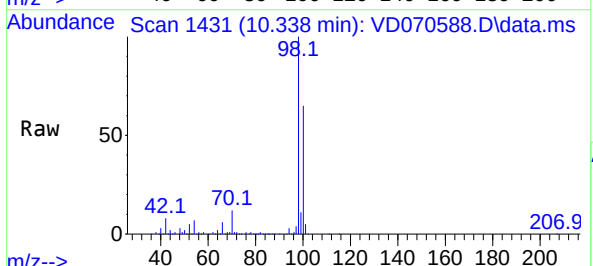
Manual Integrations
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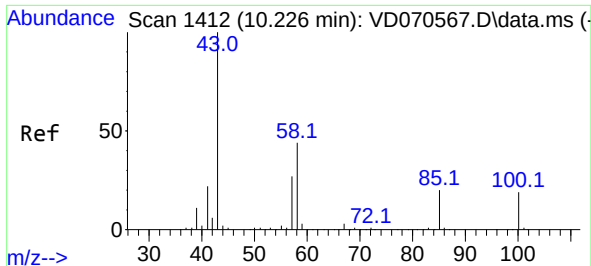
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#50
Toluene-d8
Concen: 50.743 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 98 Resp: 763622
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





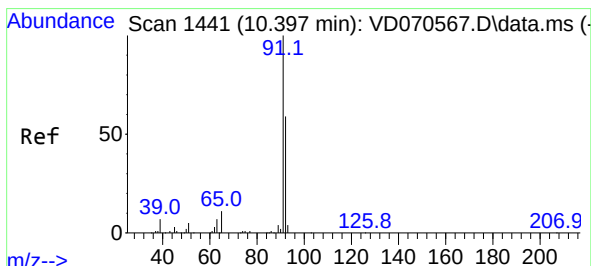
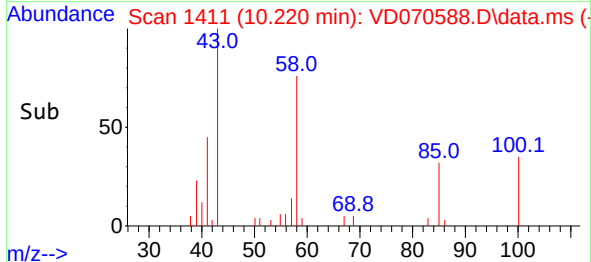
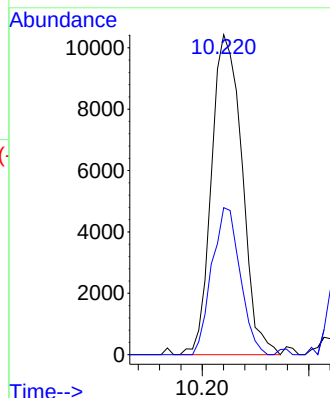
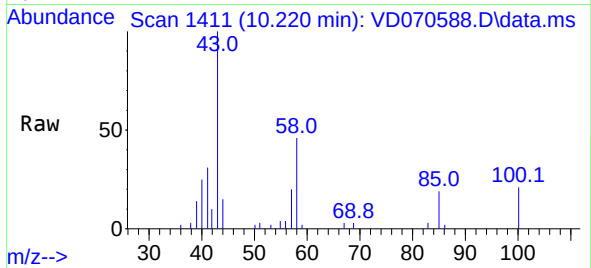
#51
4-Methyl-2-Pentanone
Concen: 10.502 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 43 Resp: 20741
Ion Ratio Lower Upper
43 100
58 42.6 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

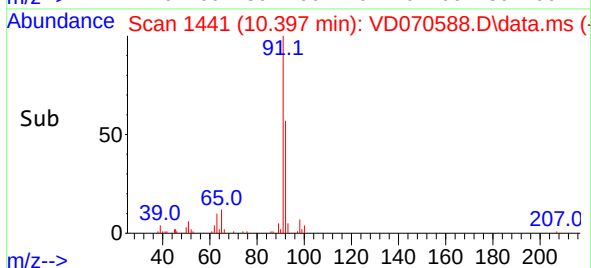
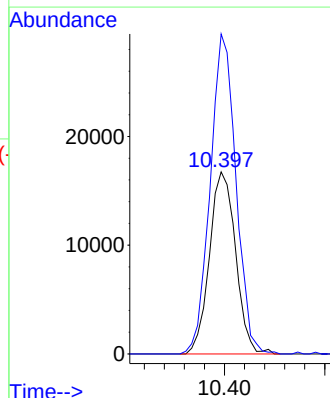
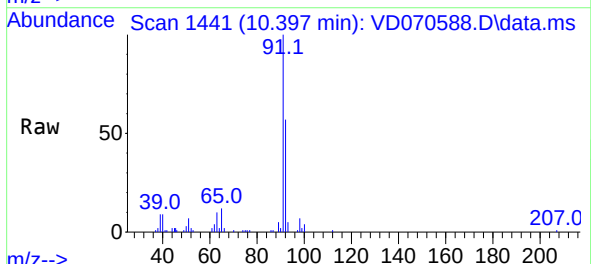
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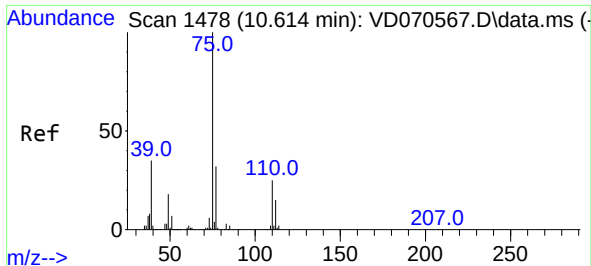
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#52
Toluene
Concen: 2.663 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 92 Resp: 30316
Ion Ratio Lower Upper
92 100
91 173.0 136.3 204.5





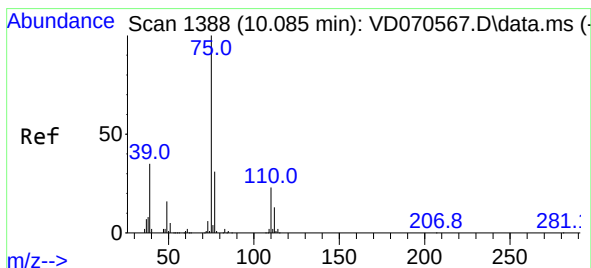
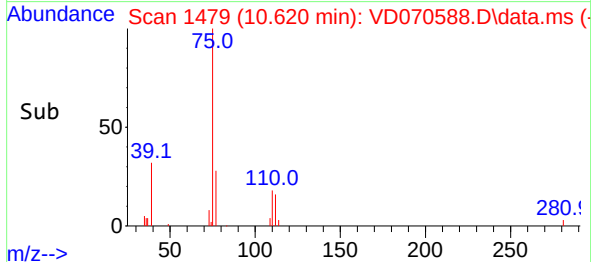
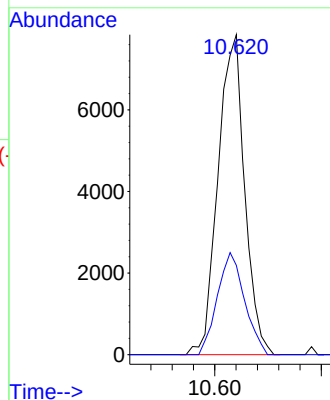
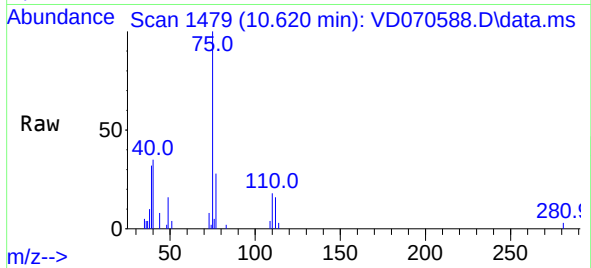
#53
t-1,3-Dichloropropene
Concen: 2.473 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 75 Resp: 13559
Ion Ratio Lower Upper
75 100
77 27.9 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

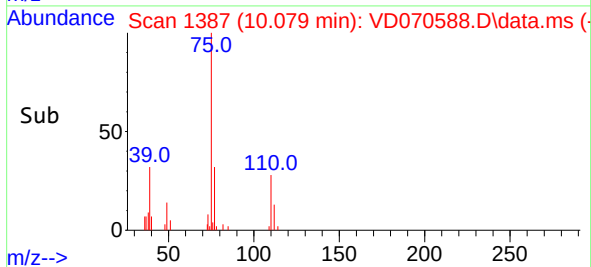
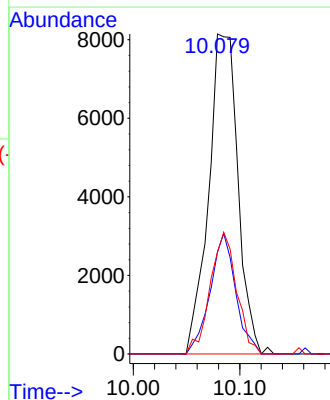
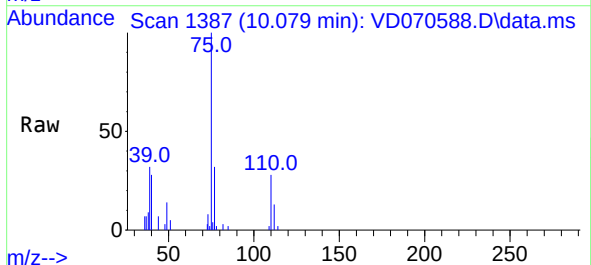
Manual Integrations
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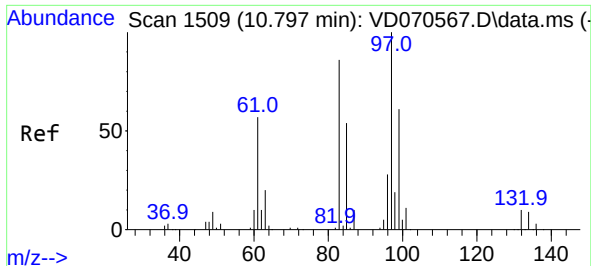
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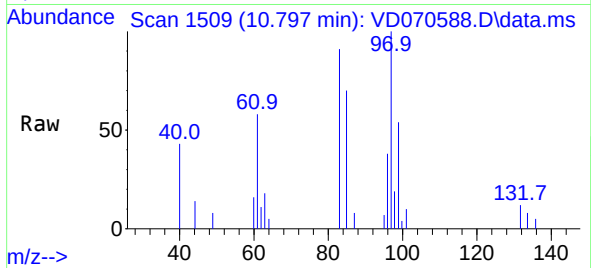
#54
cis-1,3-Dichloropropene
Concen: 2.366 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 75 Resp: 15620
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 31.8 27.8 41.6

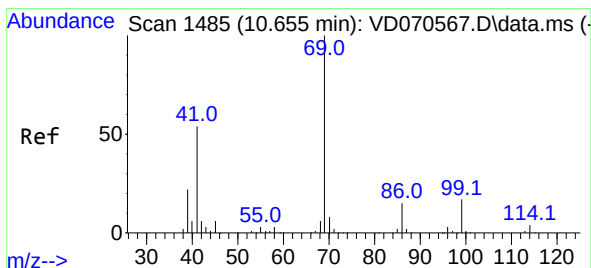
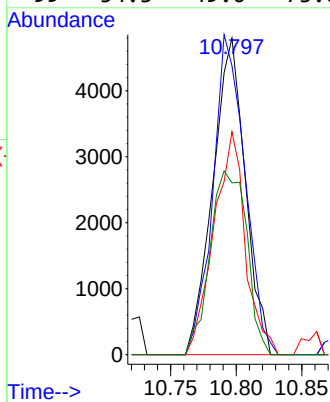
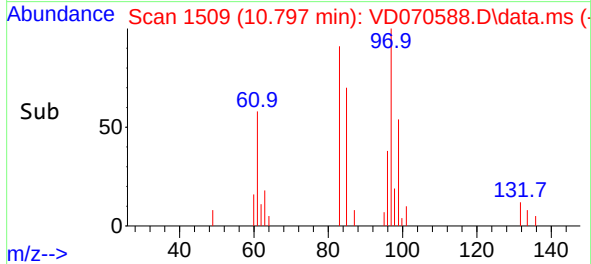




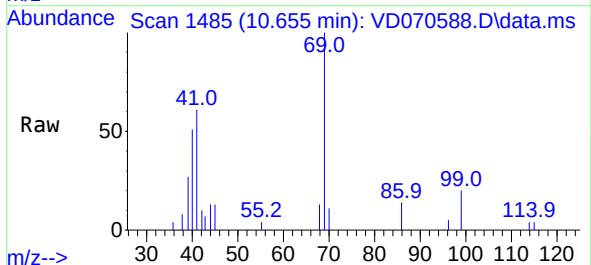
#55
1,1,2-Trichloroethane
Concen: 2.498 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



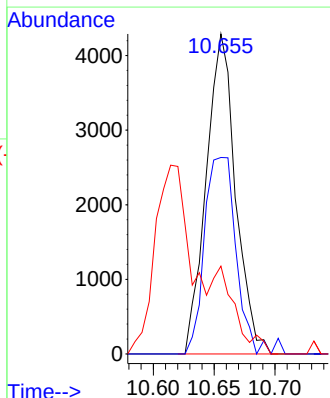
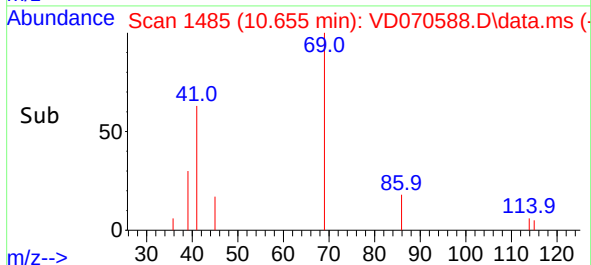
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.1	103.7
85	70.4	43.0	64.6#
99	54.3	49.0	73.6



#56
Ethyl methacrylate
Concen: 2.044 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



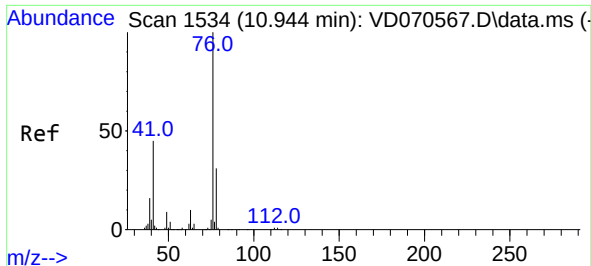
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.5	44.7	67.1
39	0.0	19.5	29.3#



Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

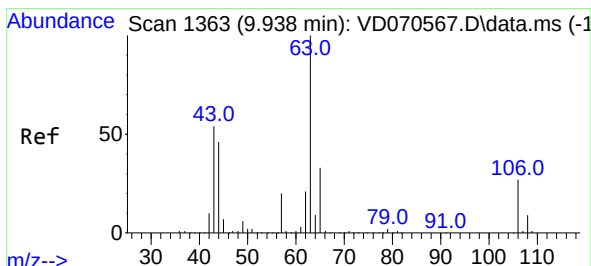
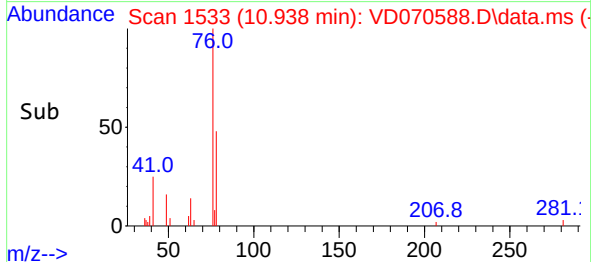
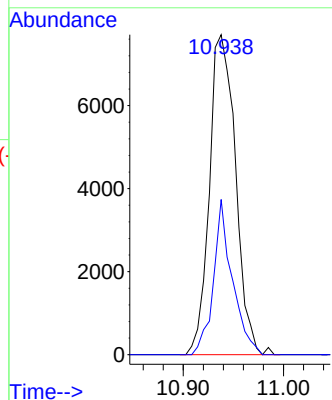
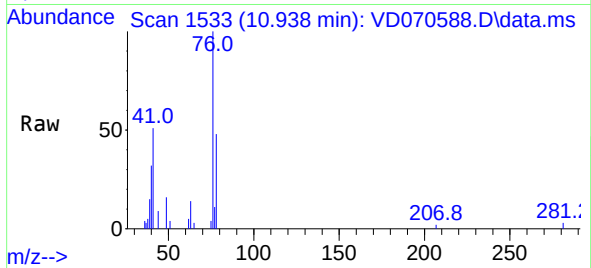
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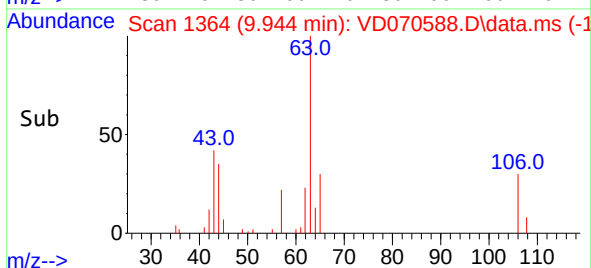
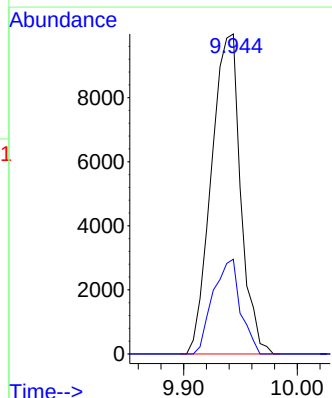
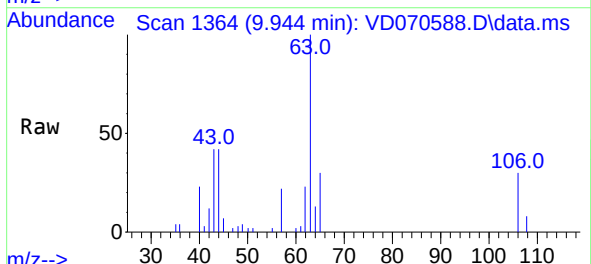
#57
1,3-Dichloropropane
Concen: 2.483 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 76 Resp: 13971
Ion Ratio Lower Upper
76 100
78 35.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 11.230 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

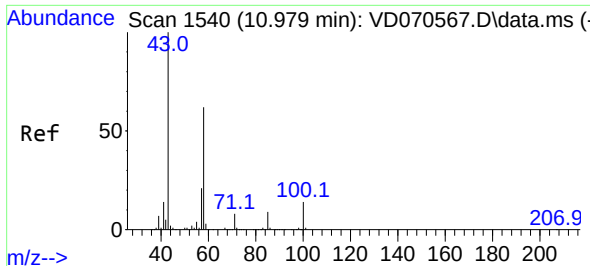
Tgt Ion: 63 Resp: 17895
Ion Ratio Lower Upper
63 100
106 27.7 22.3 33.5



Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

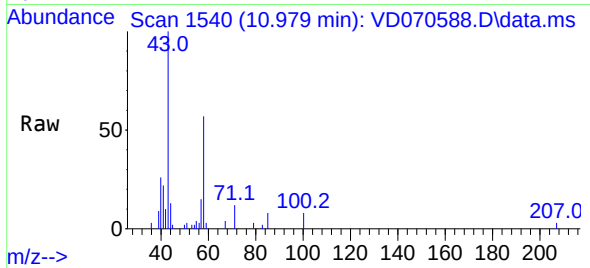
Manual Integrations
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#59
2-Hexanone
Concen: 10.004 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

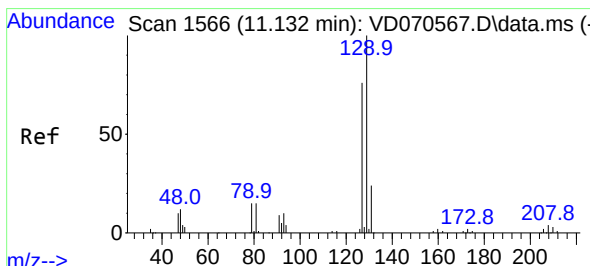
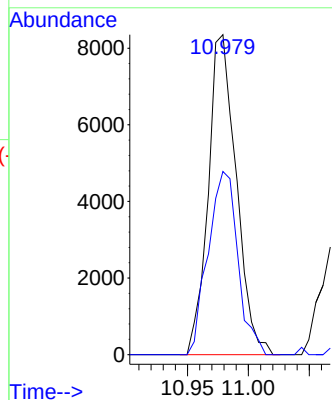
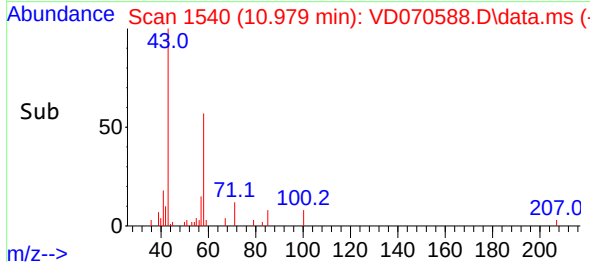
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



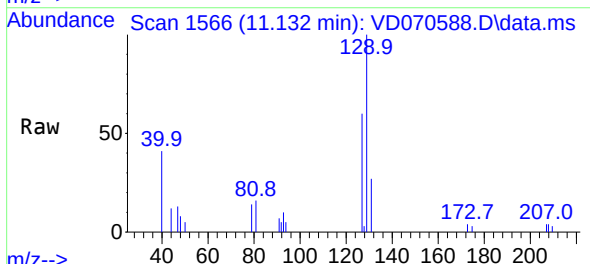
Tgt Ion: 43 Resp: 13373
Ion Ratio Lower Upper
43 100
58 60.9 30.4 91.3

Manual Integrations
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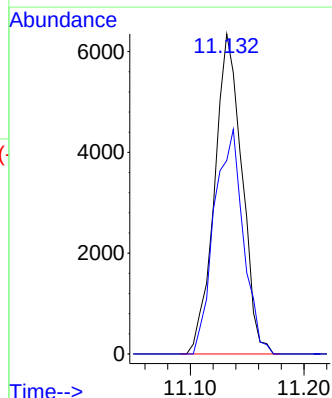
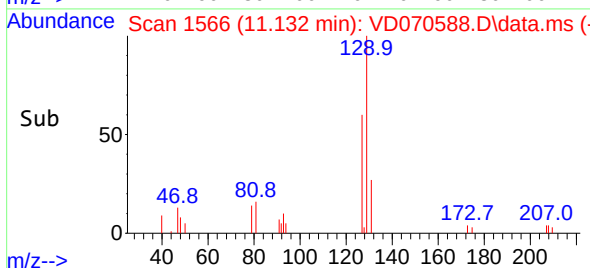
MMDadoda
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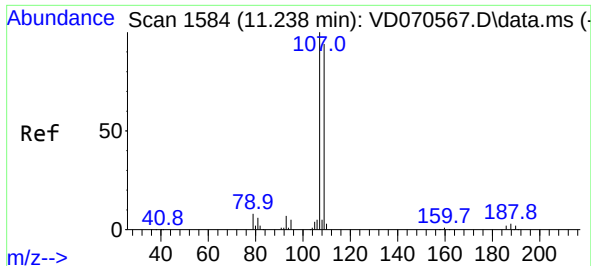


#60
Dibromochloromethane
Concen: 2.677 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



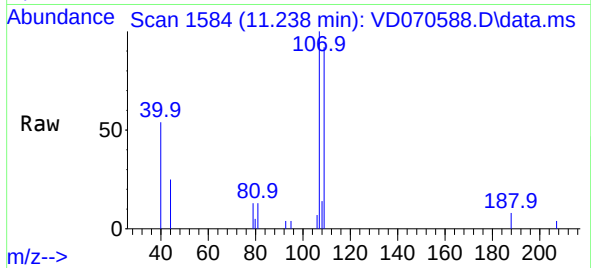
Tgt Ion: 129 Resp: 10667
Ion Ratio Lower Upper
129 100
127 74.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 2.487 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

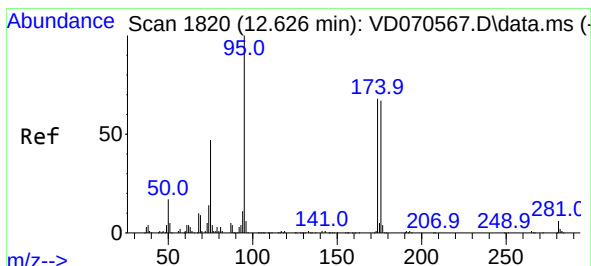
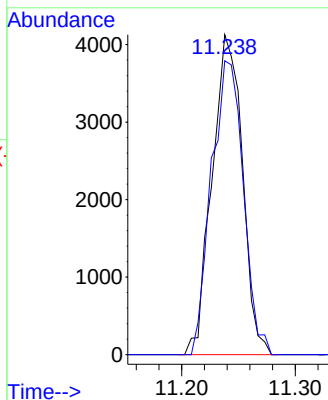
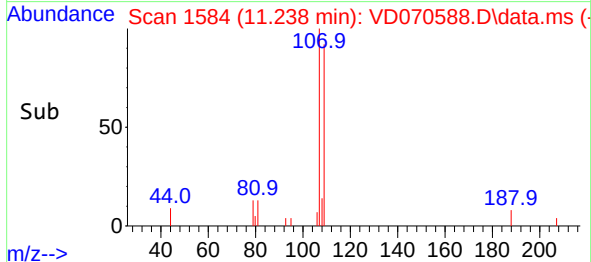
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



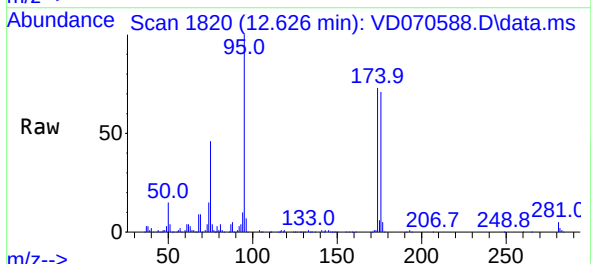
Tgt Ion:107 Resp: 7659
Ion Ratio Lower Upper
107 100
109 96.6 75.0 112.6

Manual Integrations
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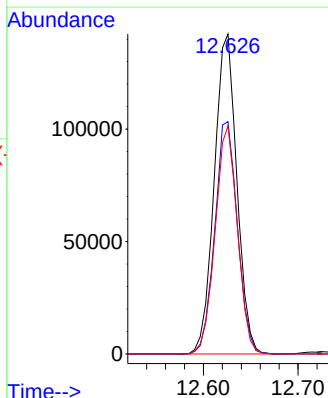
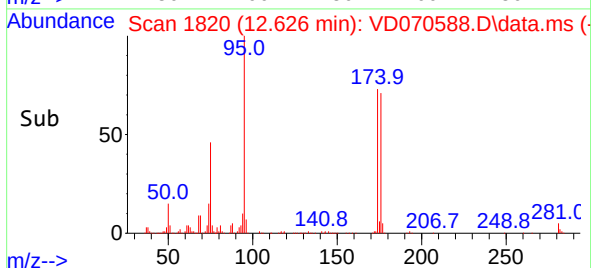
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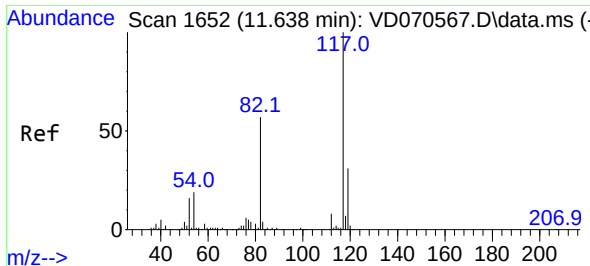


#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



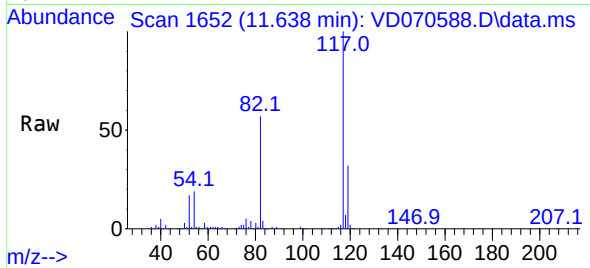
Tgt Ion: 95 Resp: 235910
Ion Ratio Lower Upper
95 100
174 72.9 0.0 138.0
176 69.8 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

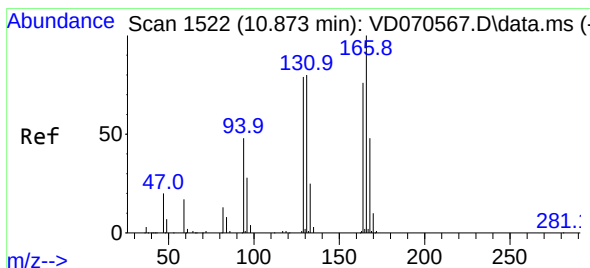
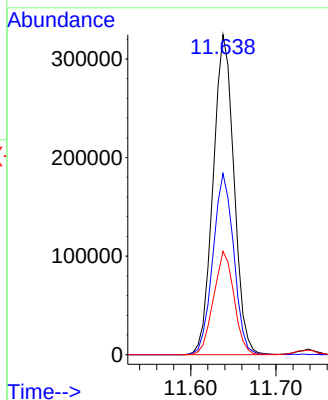
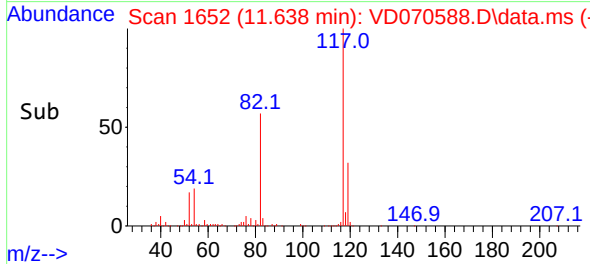
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



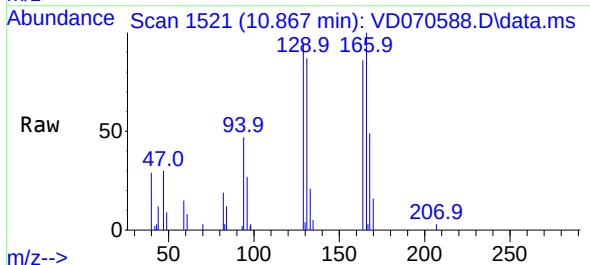
Tgt Ion:117 Resp: 553093
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.2
119 32.3 24.7 37.1

Manual Integrations
APPROVED

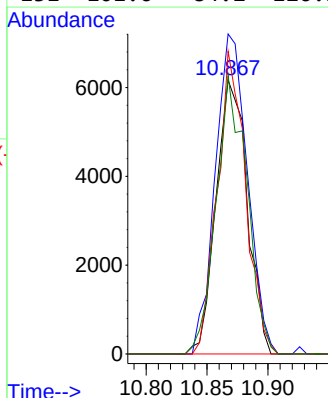
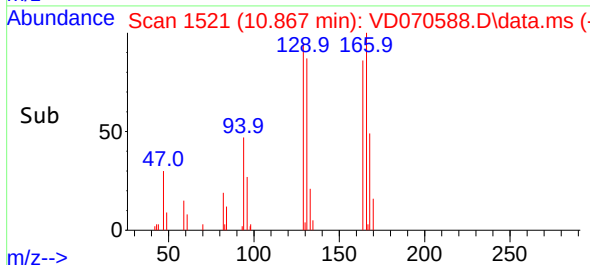
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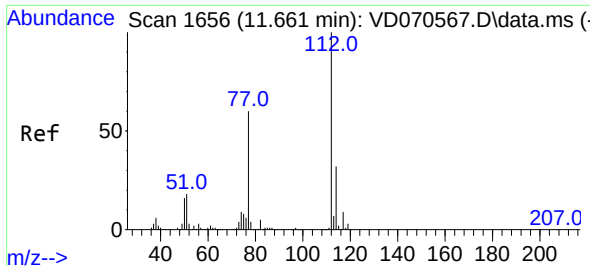


#64
Tetrachloroethene
Concen: 3.103 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



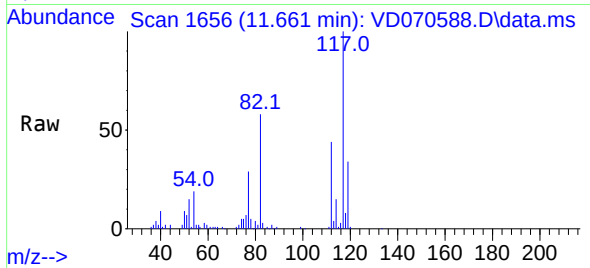
Tgt Ion:164 Resp: 11006
Ion Ratio Lower Upper
164 100
166 116.8 105.8 158.6
129 110.5 83.8 125.6
131 101.6 84.2 126.2





#65
Chlorobenzene
Concen: 2.598 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

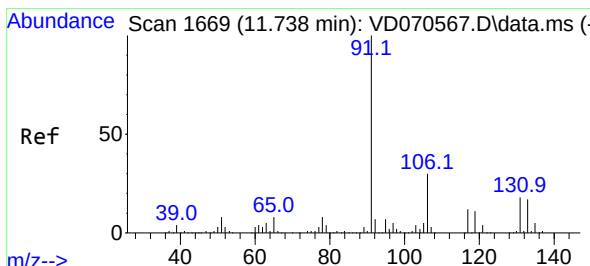
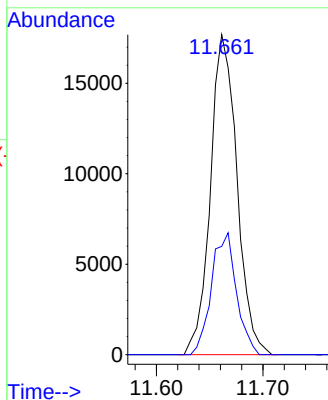
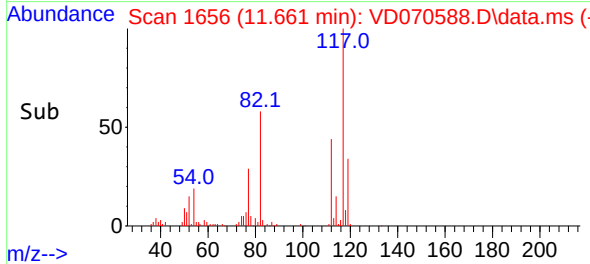
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



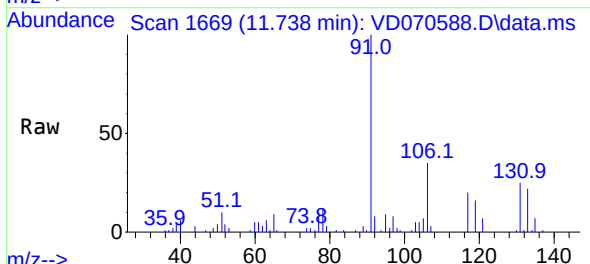
Tgt Ion:112 Resp: 30638
Ion Ratio Lower Upper
112 100
114 33.9 25.3 37.9

Manual Integrations
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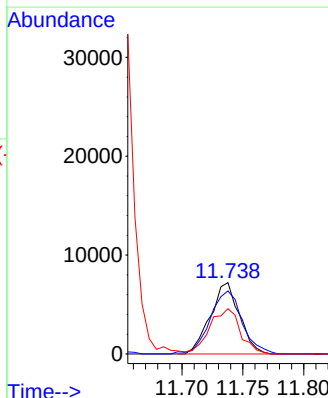
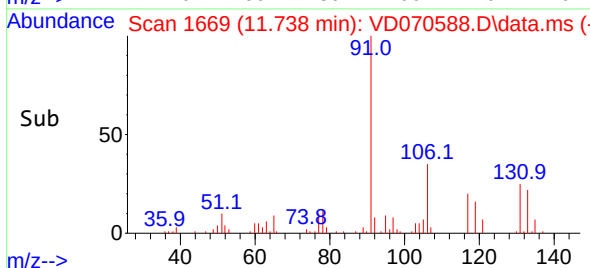
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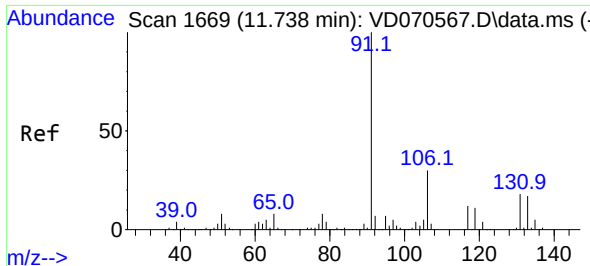


#66
1,1,1,2-Tetrachloroethane
Concen: 2.736 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion:131 Resp: 12003
Ion Ratio Lower Upper
131 100
133 97.2 46.8 140.3
119 66.5 32.6 97.7





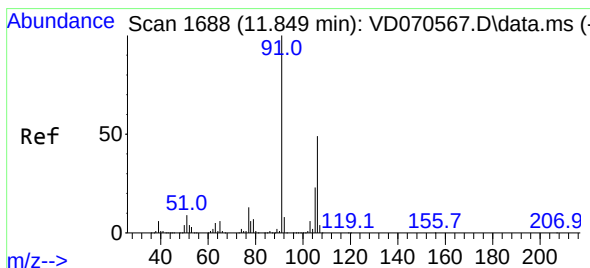
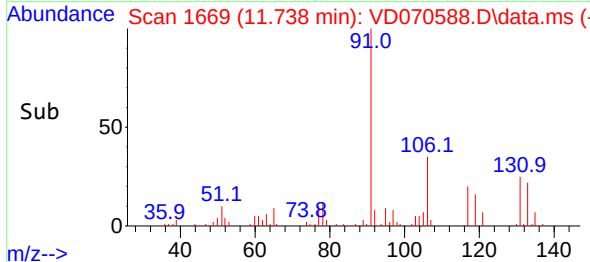
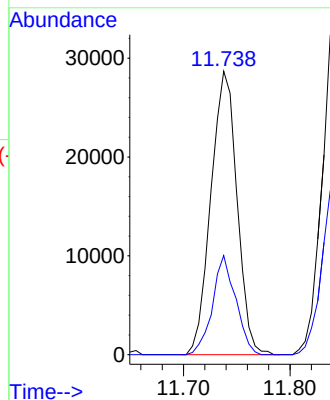
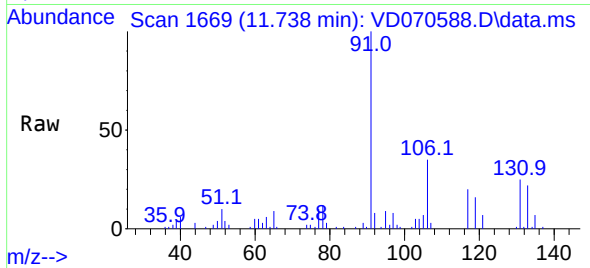
#67
Ethyl Benzene
Concen: 2.397 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 91 Resp: 48793
Ion Ratio Lower Upper
91 100
106 35.0 24.2 36.2

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

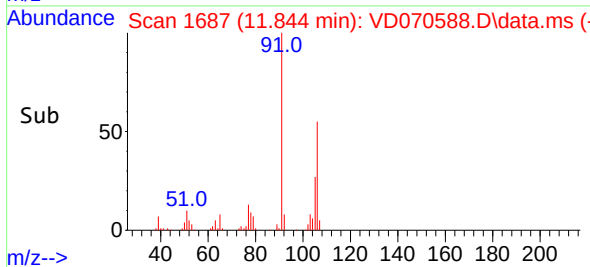
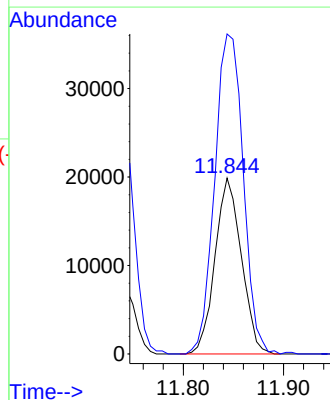
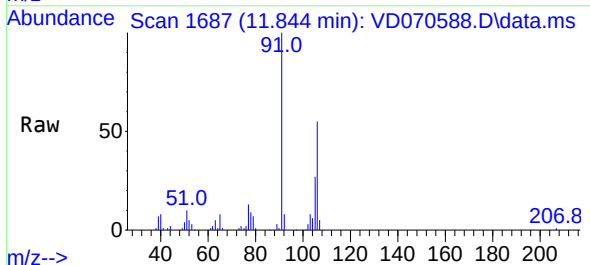
Manual Integrations
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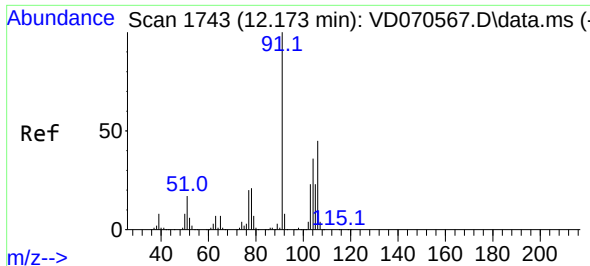
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#68
m/p-Xylenes
Concen: 4.527 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 106 Resp: 36285
Ion Ratio Lower Upper
106 100
91 197.2 162.7 244.1





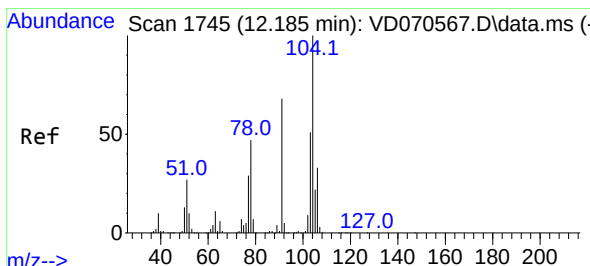
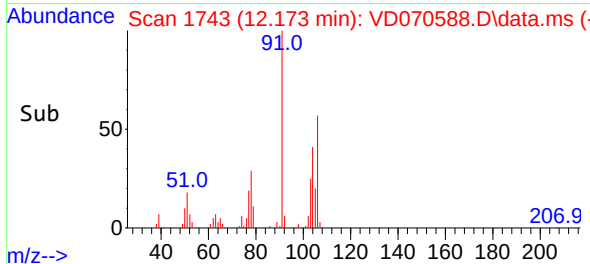
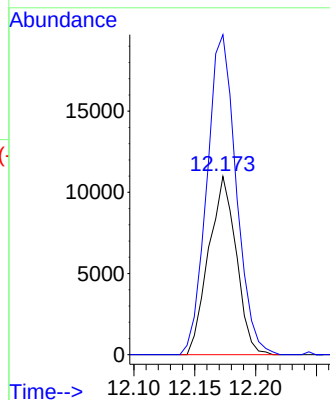
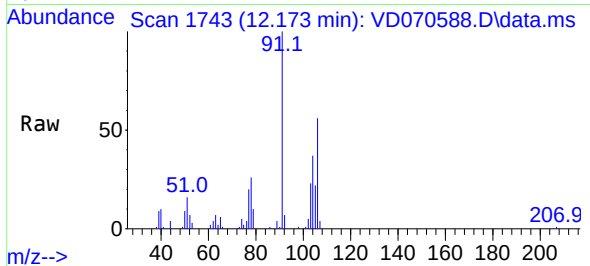
#69
o-Xylene
Concen: 2.431 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:106 Resp: 17327
Ion Ratio Lower Upper
106 100
91 190.5 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

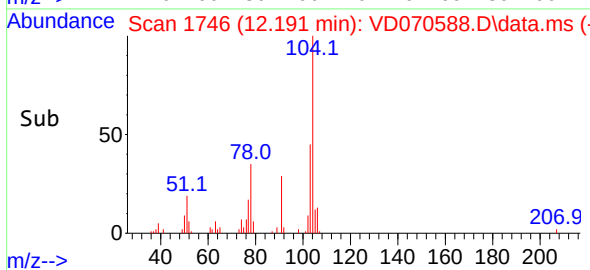
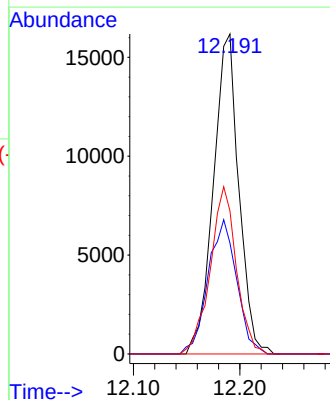
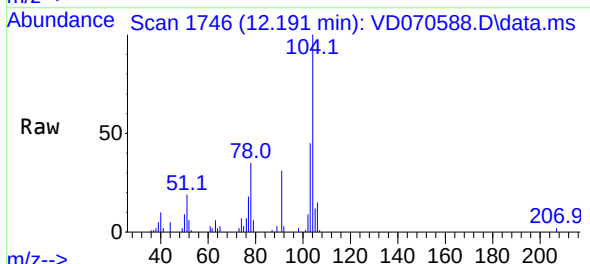
Manual Integrations
APPROVED

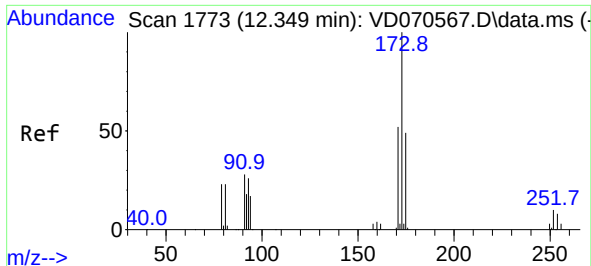
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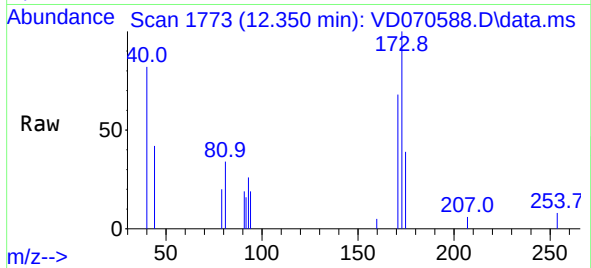
#70
Styrene
Concen: 2.136 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:104 Resp: 26825
Ion Ratio Lower Upper
104 100
78 47.3 39.8 59.6
103 53.8 43.4 65.2

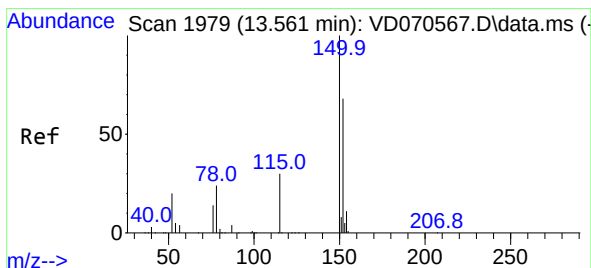
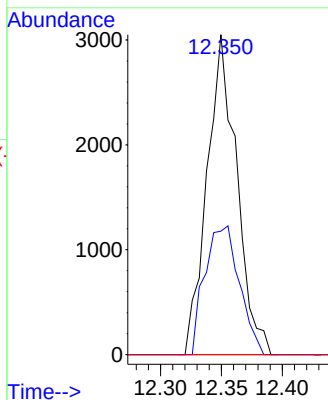
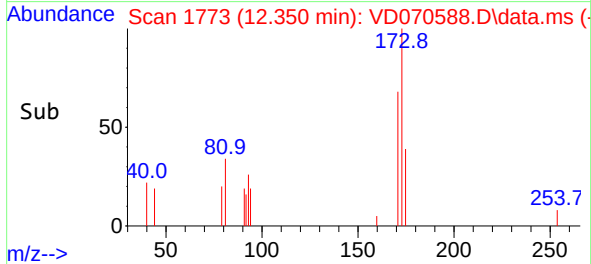




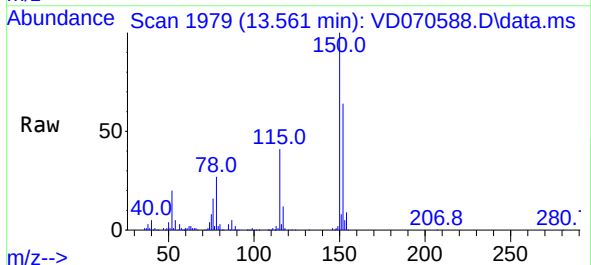
#71
Bromoform
Concen: 2.512 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



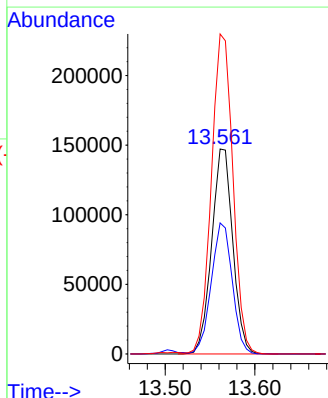
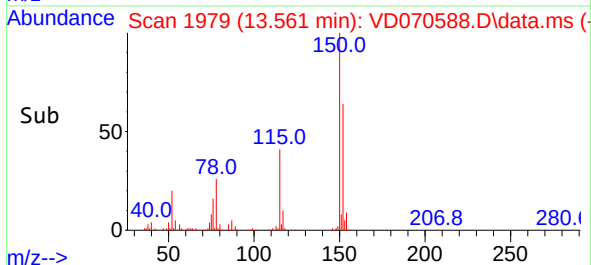
Tgt Ion:173 Resp: 5174
Ion Ratio Lower Upper
173 100
175 46.8 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



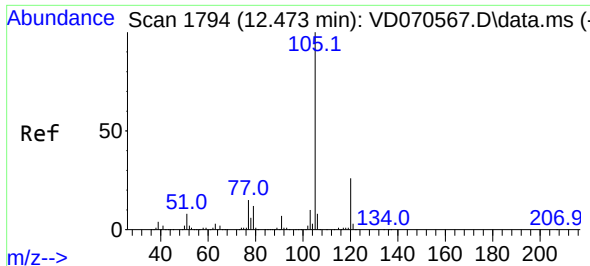
Tgt Ion:152 Resp: 240767
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.7
150 159.0 0.0 350.0



Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

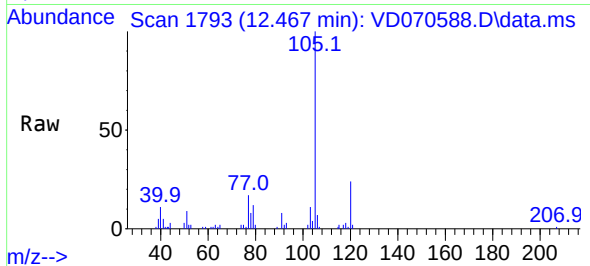
Manual Integrations
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#73
Isopropylbenzene
Concen: 2.451 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

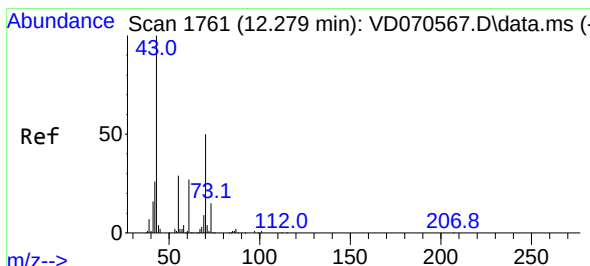
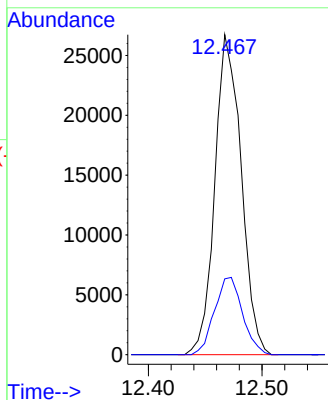
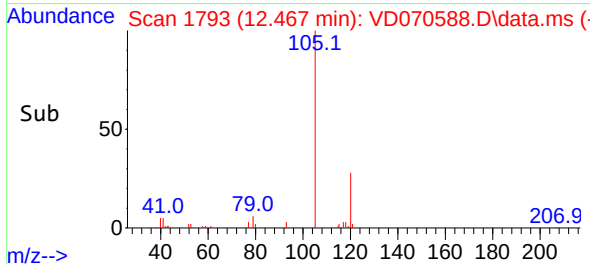
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



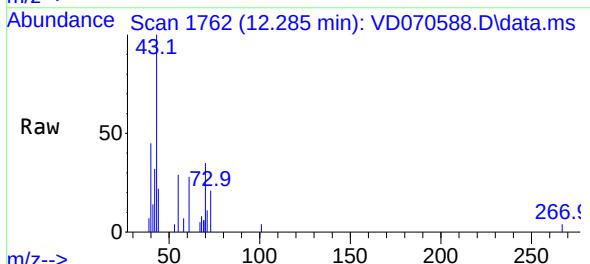
Tgt Ion:105 Resp: 43028
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

Manual Integrations
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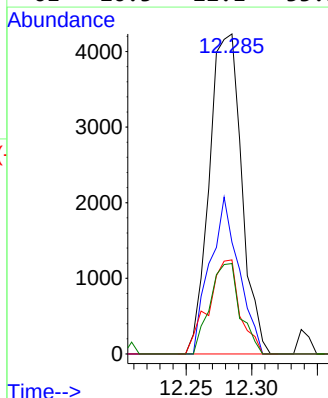
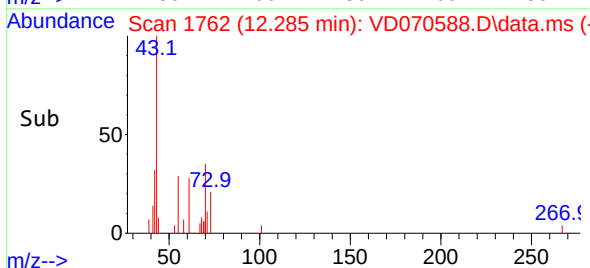
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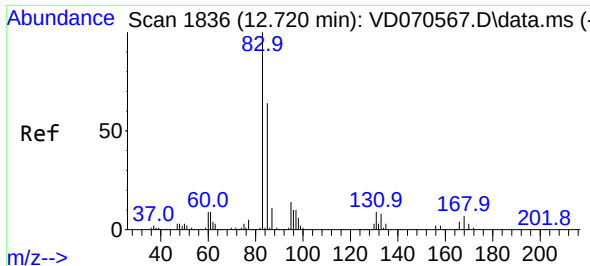


#74
N-ethyl acetate
Concen: 2.196 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion: 43 Resp: 7264
Ion Ratio Lower Upper
43 100
70 43.7 40.0 60.0
55 28.5 23.8 35.6
61 26.3 22.1 33.1





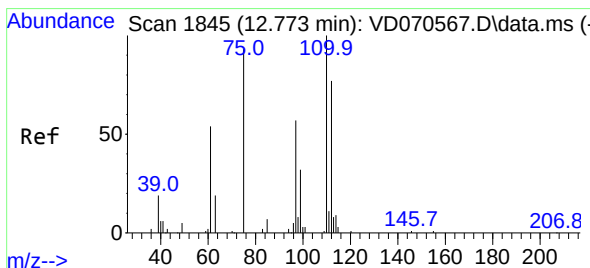
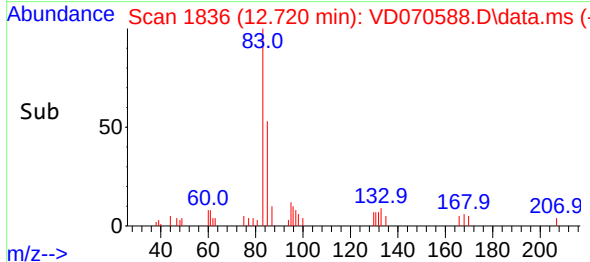
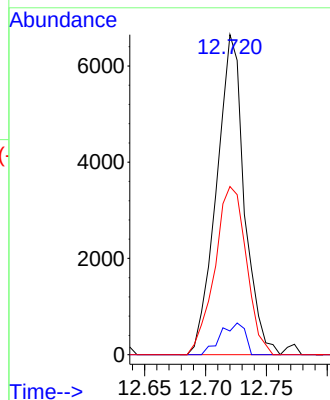
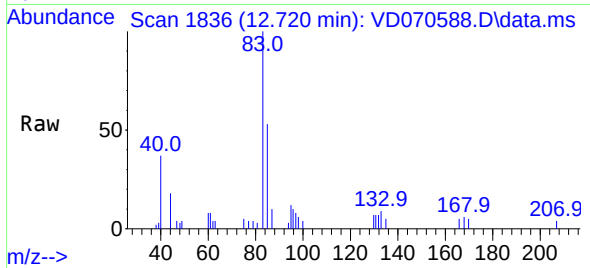
#75
1,1,2,2-Tetrachloroethane
Concen: 3.083 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 83 Resp: 10580
Ion Ratio Lower Upper
83 100
131 8.7 4.9 14.7
85 59.6 31.9 95.7

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

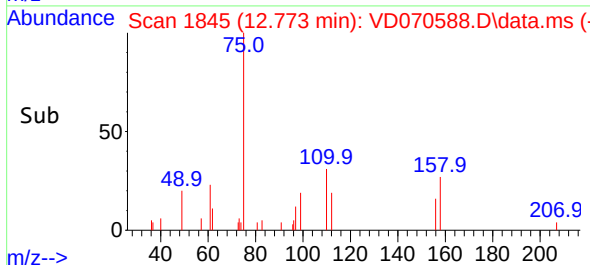
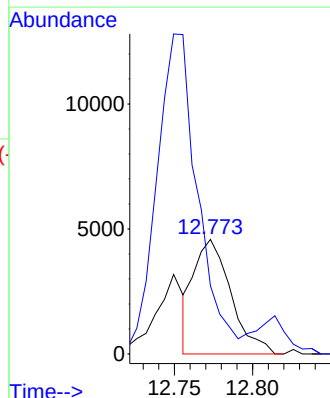
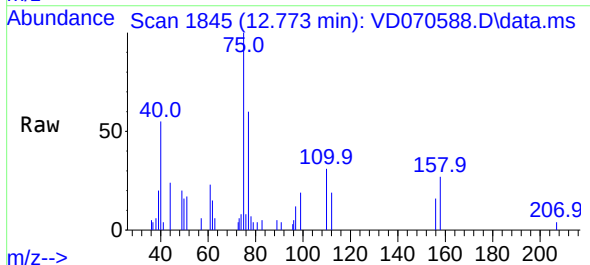
Manual Integrations
APPROVED

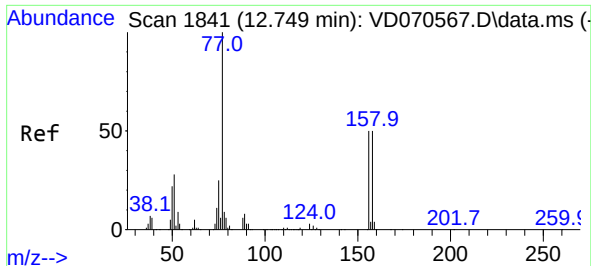
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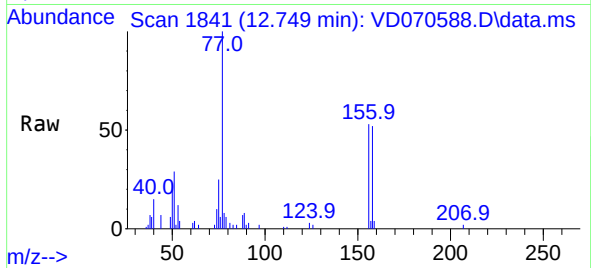
#76
1,2,3-Trichloropropane
Concen: 3.475 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 75 Resp: 7573
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

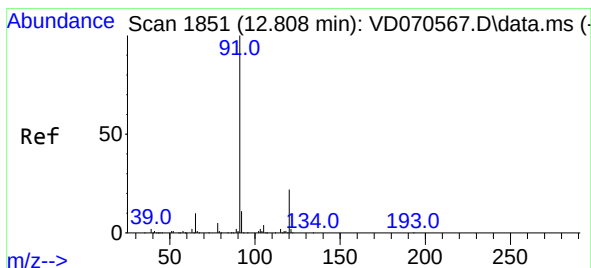
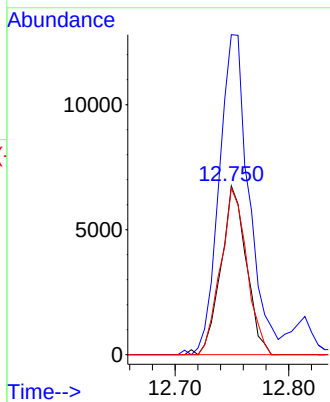
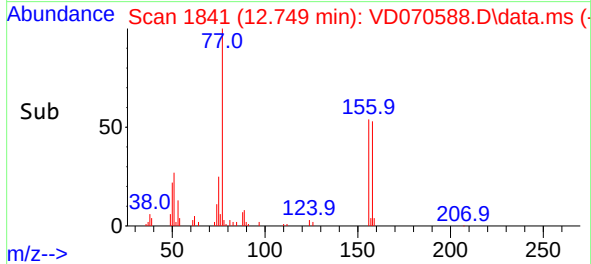




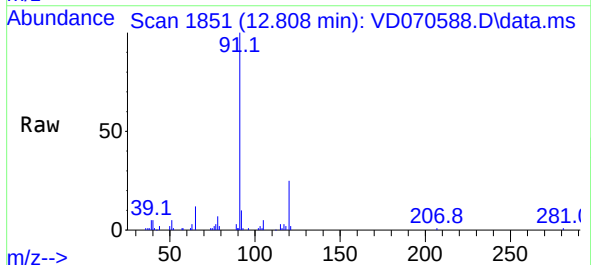
#77
Bromobenzene
Concen: 2.669 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



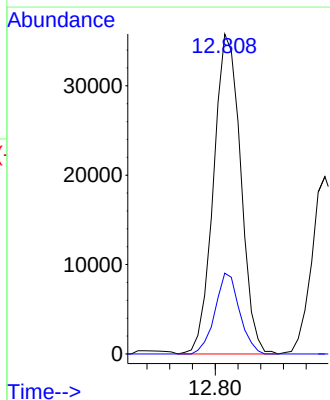
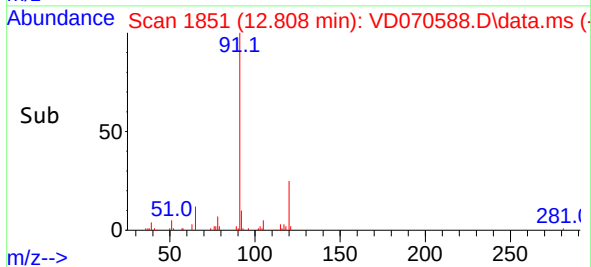
Tgt Ion:156 Resp: 10475
Ion Ratio Lower Upper
156 100
77 222.5 105.7 317.1
158 101.4 48.9 146.6



#78
n-propylbenzene
Concen: 2.673 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



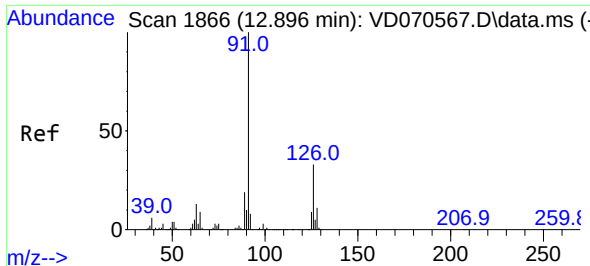
Tgt Ion: 91 Resp: 59366
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

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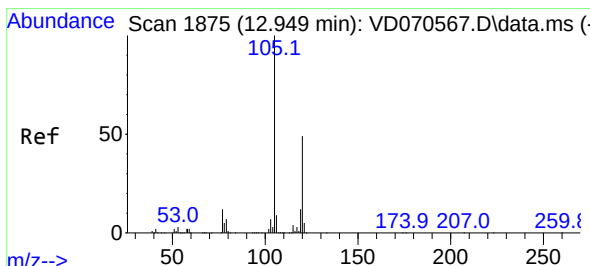
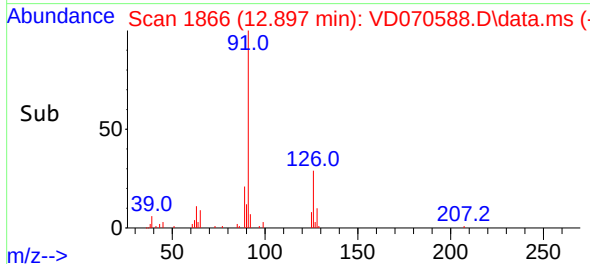
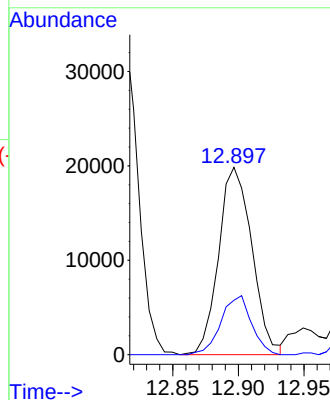
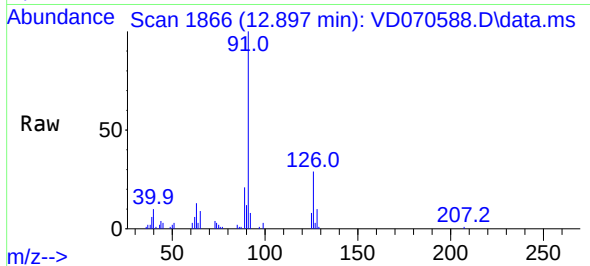
#79
2-Chlorotoluene
Concen: 2.688 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 91 Resp: 35030
Ion Ratio Lower Upper
91 100
126 28.9 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

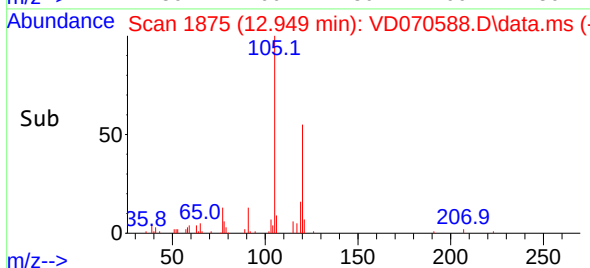
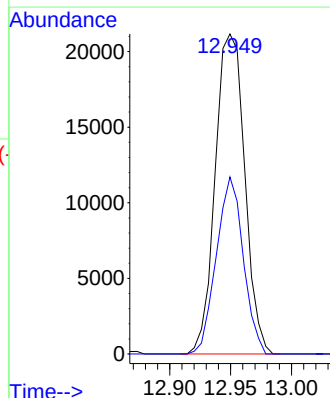
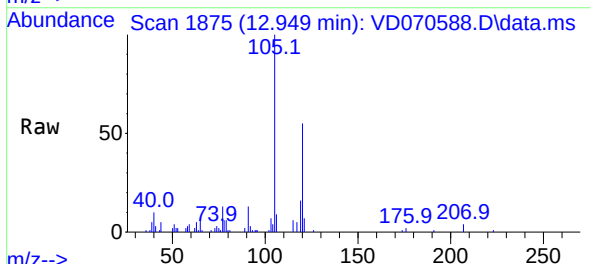
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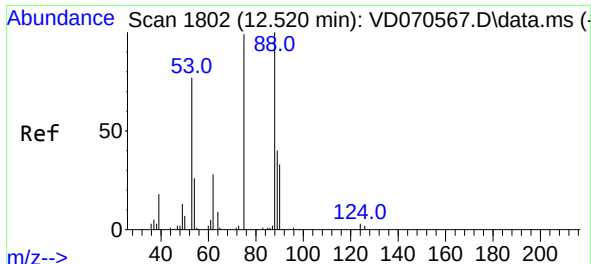
MMDadoda
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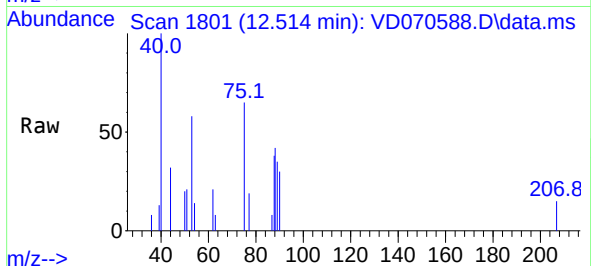
#80
1,3,5-Trimethylbenzene
Concen: 2.384 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion: 105 Resp: 35683
Ion Ratio Lower Upper
105 100
120 50.4 24.4 73.2

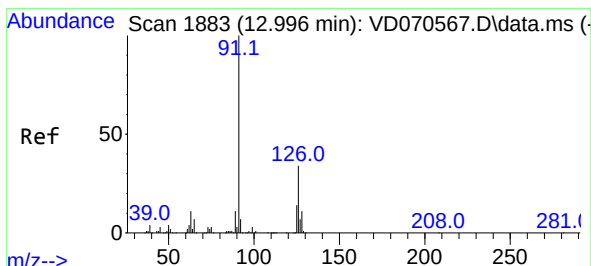
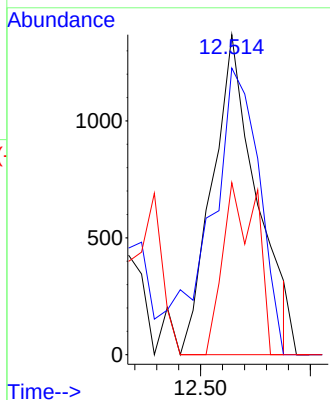
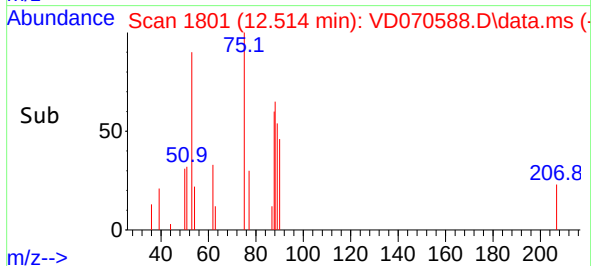




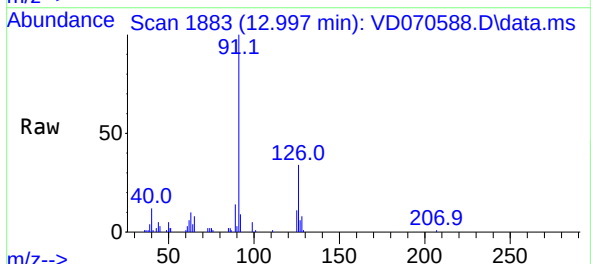
#81
trans-1,4-Dichloro-2-butene
Concen: 1.947 ug/l m
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



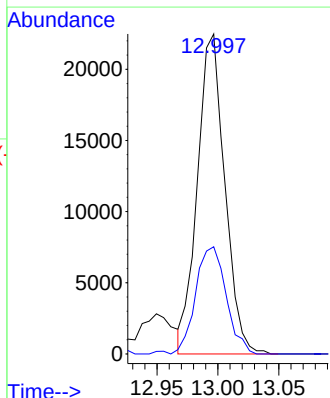
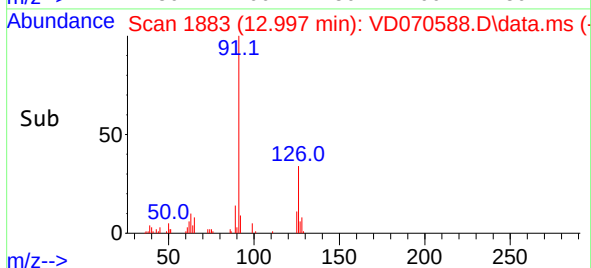
Tgt Ion: 75 Resp: 1911
Ion Ratio Lower Upper
75 100
53 10.9 64.5 96.7#
89 3.6 35.3 52.9#



#82
4-Chlorotoluene
Concen: 2.588 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



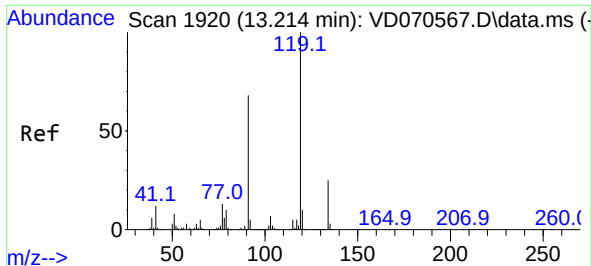
Tgt Ion: 91 Resp: 35253
Ion Ratio Lower Upper
91 100
126 37.6 16.2 48.6



Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

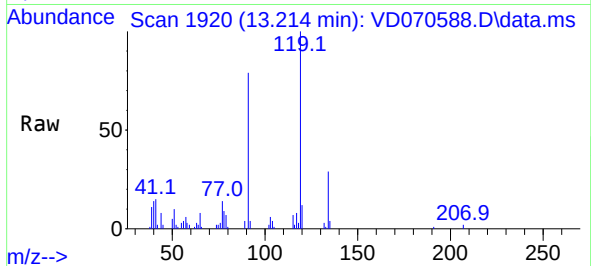
Manual Integrations
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#83
tert-Butylbenzene
Concen: 2.516 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

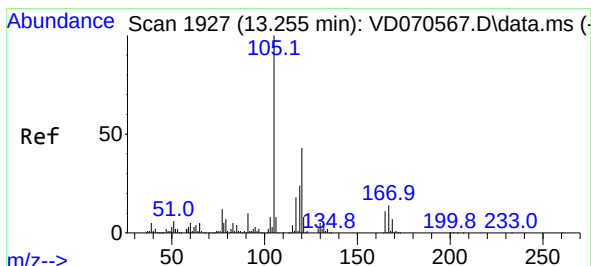
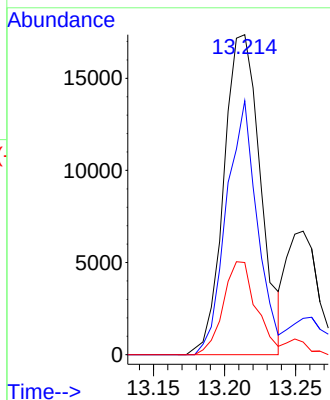
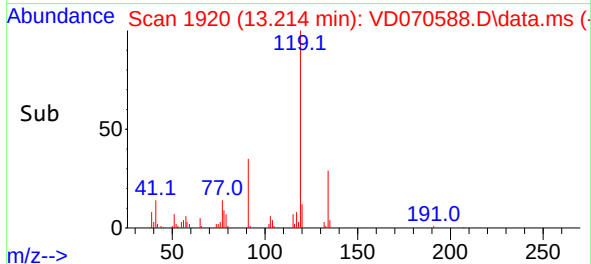
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



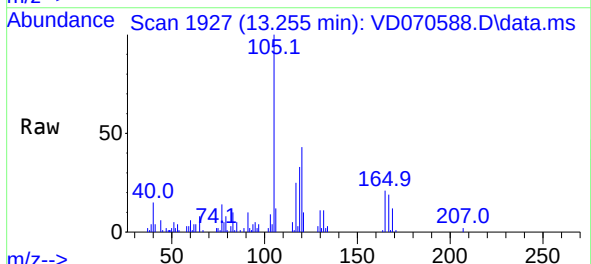
Tgt Ion:119 Resp: 31135
Ion Ratio Lower Upper
119 100
91 68.6 33.1 99.3
134 26.3 13.2 39.5

Manual Integrations
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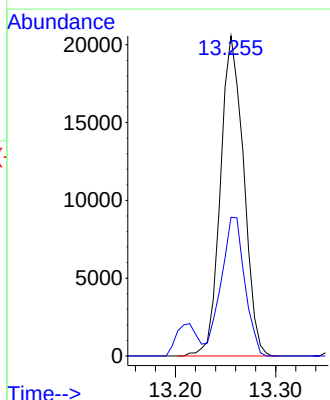
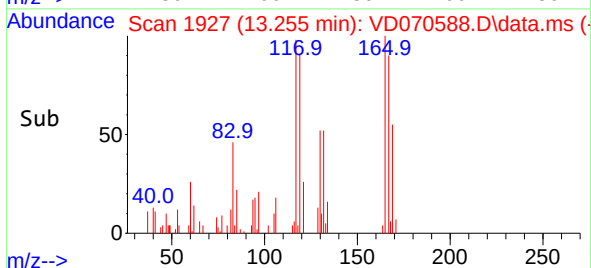
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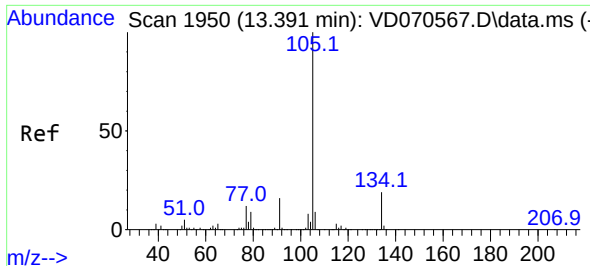


#84
1,2,4-Trimethylbenzene
Concen: 2.217 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



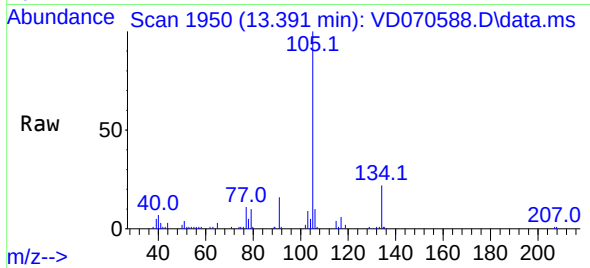
Tgt Ion:105 Resp: 33018
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 2.437 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070588.D
 Acq: 06 Oct 2021 12:42

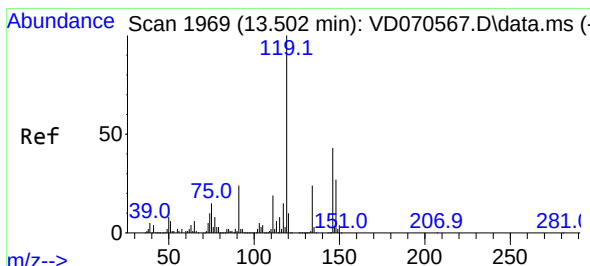
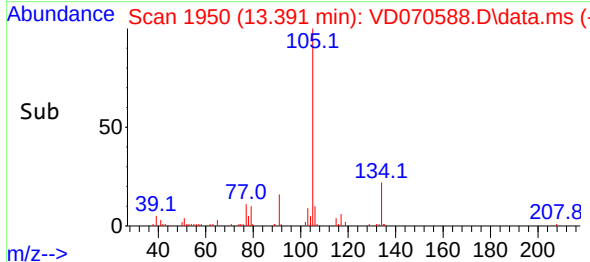
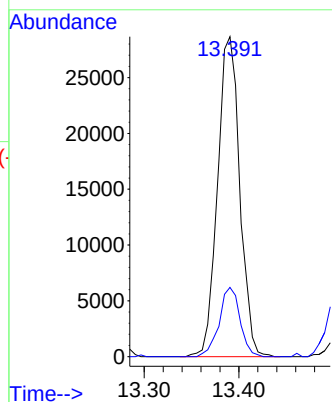
Instrument :
 MSVOA_D
 ClientSampleId :
 M4068-01 2.5PPBLOD



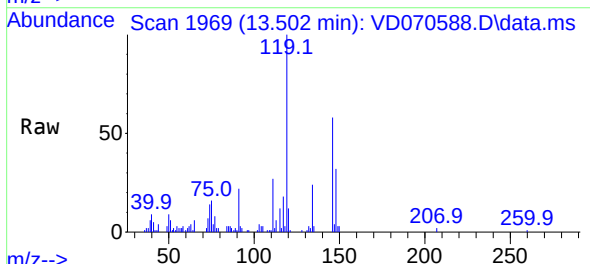
Tgt Ion:105 Resp: 46745
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.3 28.0

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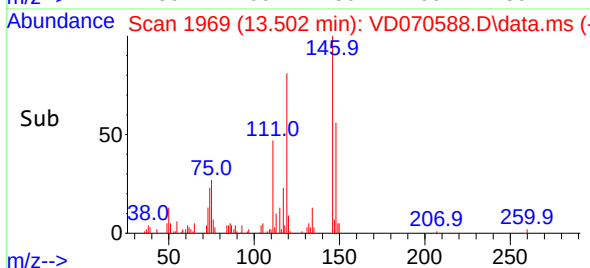
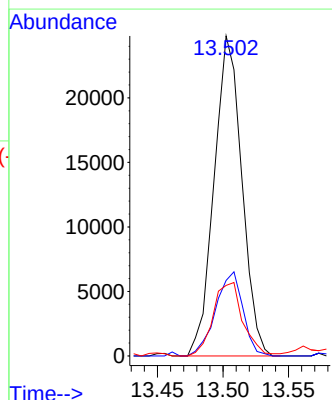
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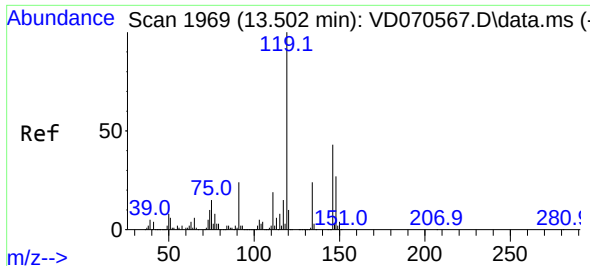


#86
 p-Isopropyltoluene
 Concen: 2.328 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070588.D
 Acq: 06 Oct 2021 12:42



Tgt Ion:119 Resp: 36464
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.5 37.5
 91 24.8 11.9 35.5





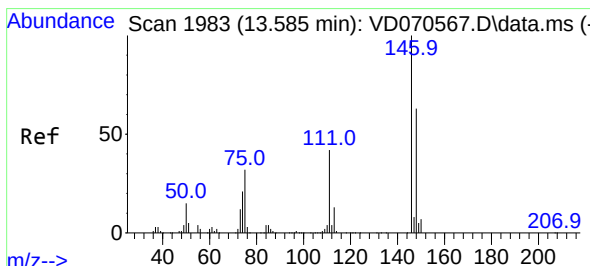
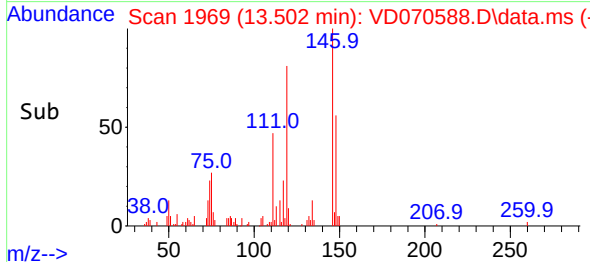
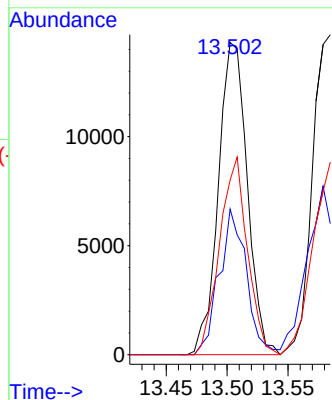
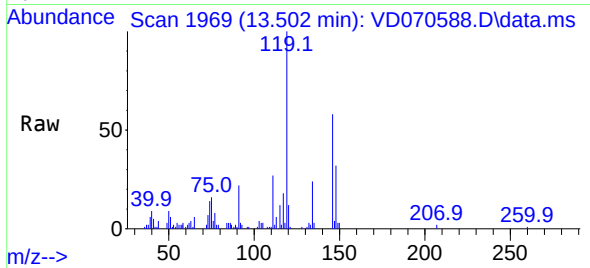
#87
1,3-Dichlorobenzene
Concen: 2.874 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:146 Resp: 23680
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 60.9 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

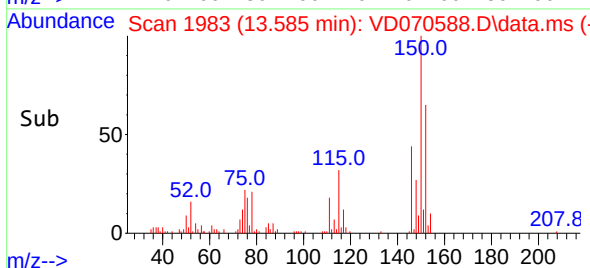
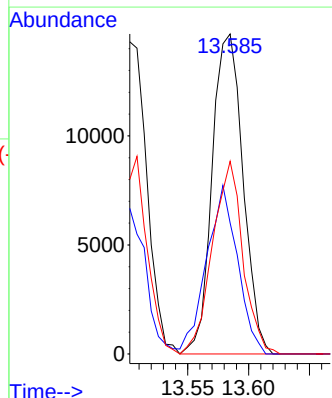
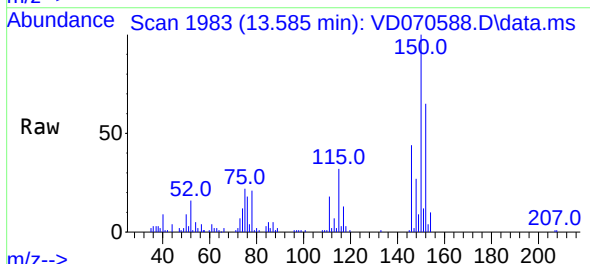
Manual Integrations
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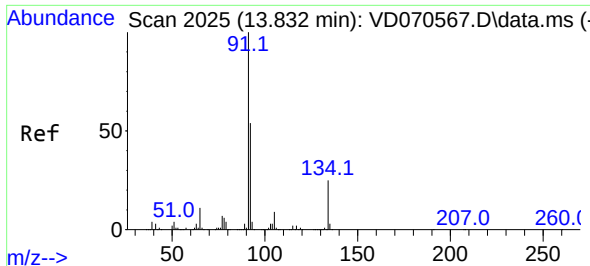
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#88
1,4-Dichlorobenzene
Concen: 3.167 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

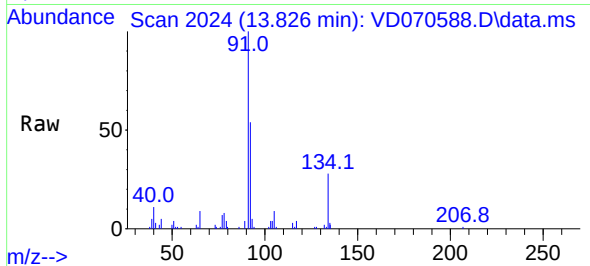
Tgt Ion:146 Resp: 25872
Ion Ratio Lower Upper
146 100
111 52.7 21.1 63.4
148 59.4 31.6 94.8





#89
n-Butylbenzene
Concen: 2.502 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

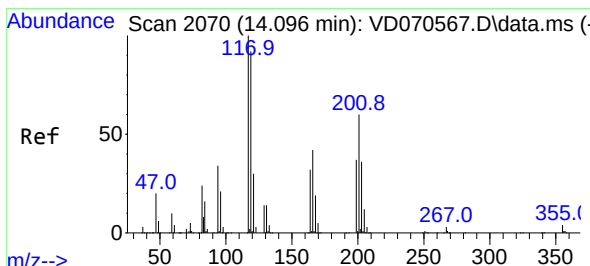
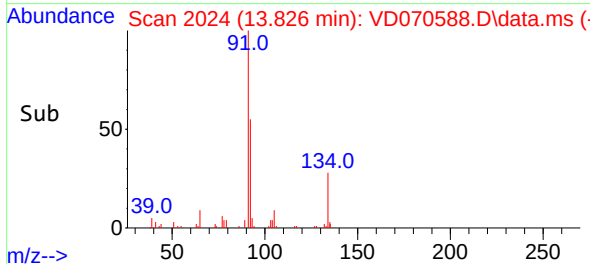
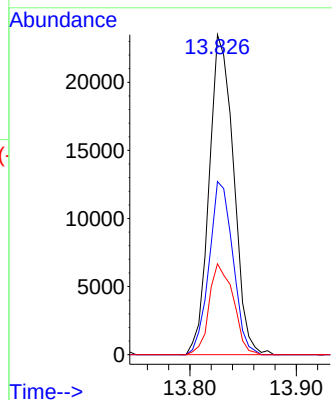
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



Tgt Ion:	91	Resp:	37411
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.4
134	28.1	12.2	36.4

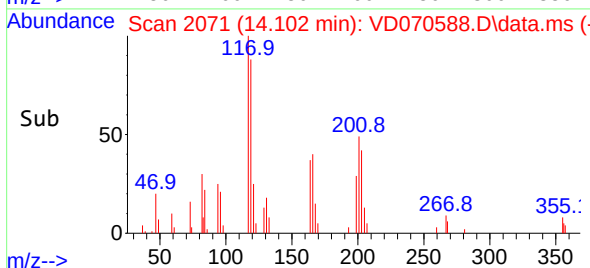
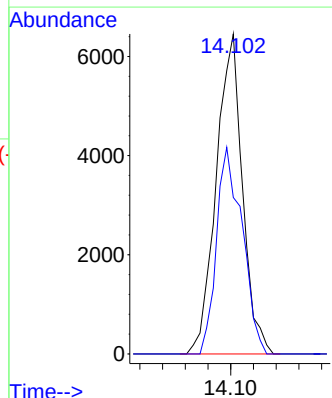
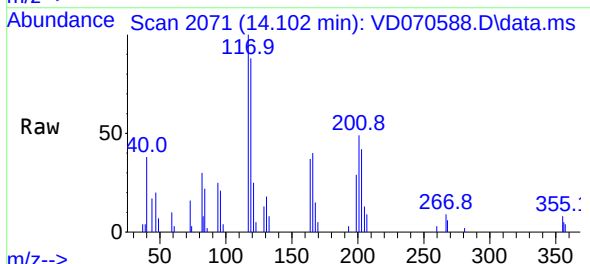
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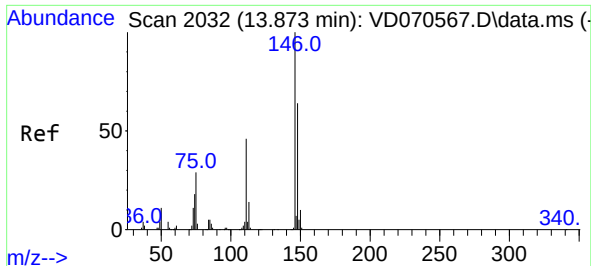
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#90
Hexachloroethane
Concen: 3.054 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:	117	Resp:	10344
Ion	Ratio	Lower	Upper
117	100		
201	63.1	31.9	95.9





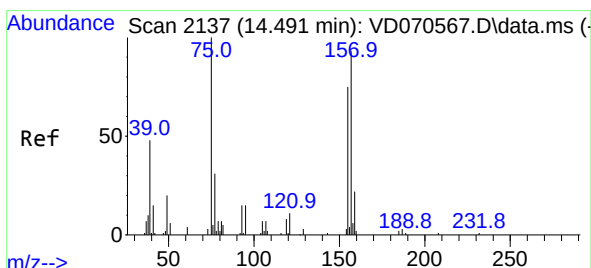
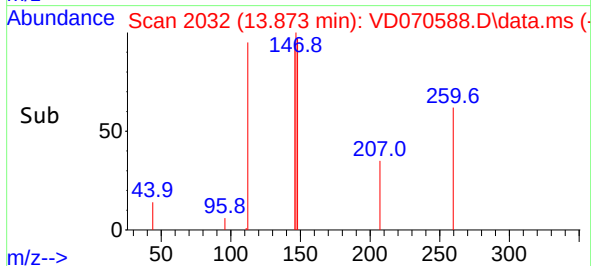
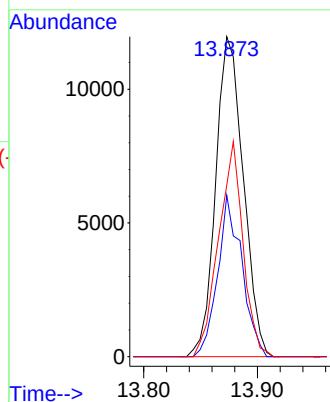
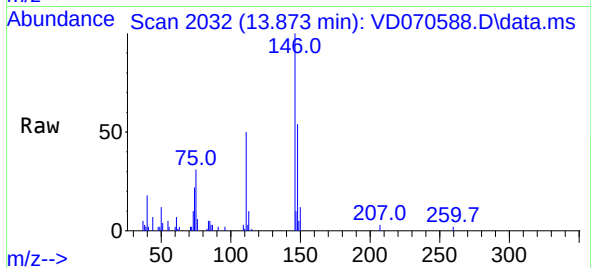
#91
1,2-Dichlorobenzene
Concen: 2.877 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:146 Resp: 20219
Ion Ratio Lower Upper
146 100
111 44.0 22.8 68.4
148 59.6 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

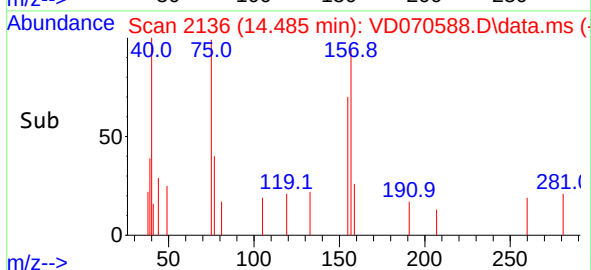
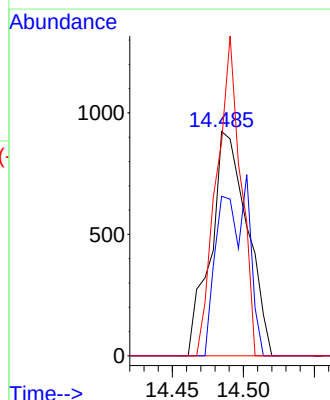
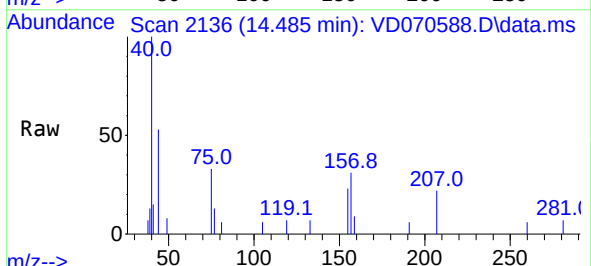
Manual Integrations
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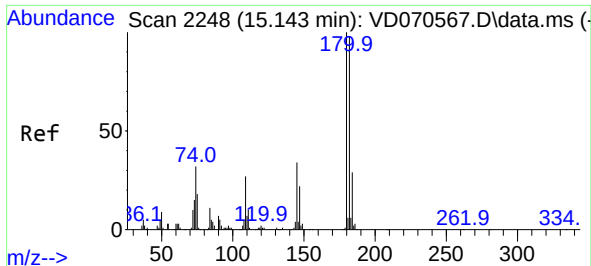
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.334 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

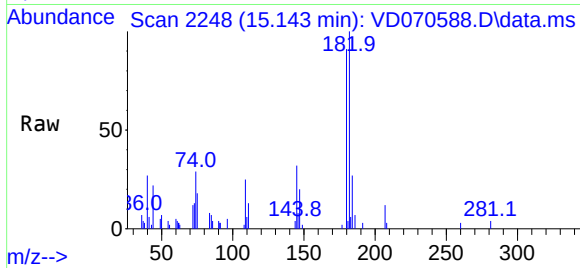
Tgt Ion: 75 Resp: 1652
Ion Ratio Lower Upper
75 100
155 65.4 38.1 114.5
157 94.2 47.6 142.9





#93
1,2,4-Trichlorobenzene
Concen: 2.917 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

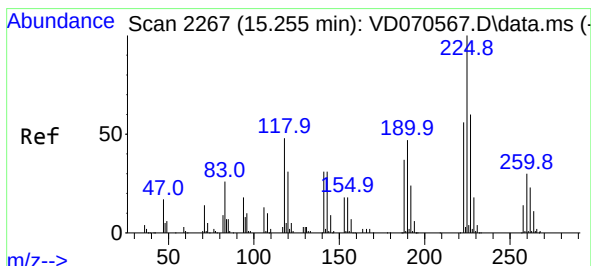
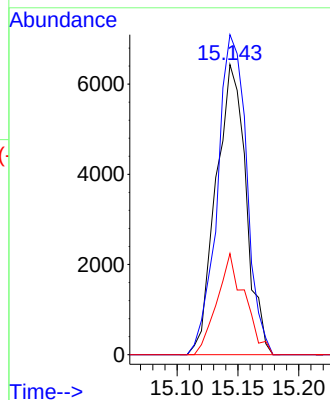
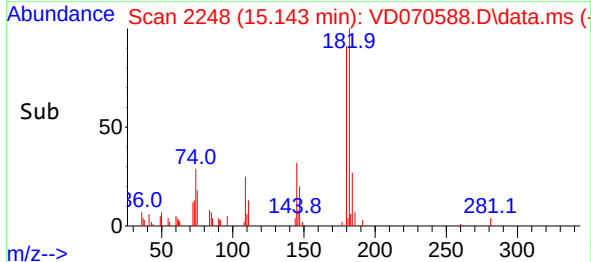
Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD



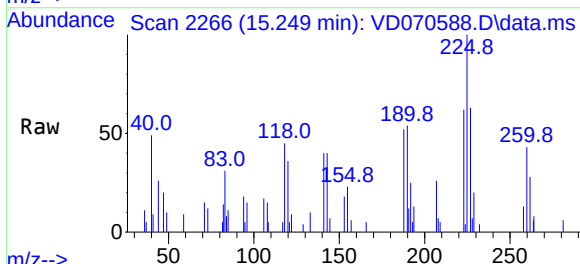
Tgt Ion:180 Resp: 11035
Ion Ratio Lower Upper
180 100
182 107.8 47.5 142.5
145 32.4 16.9 50.7

Manual Integrations
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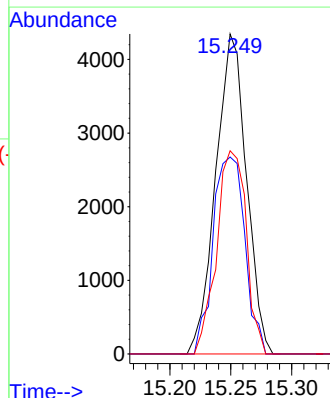
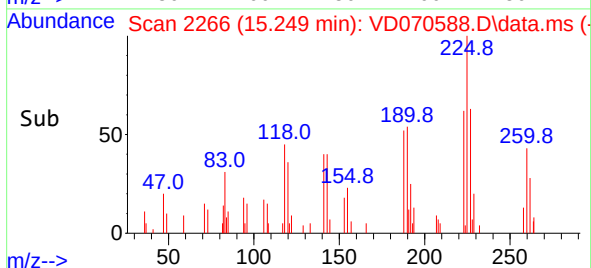
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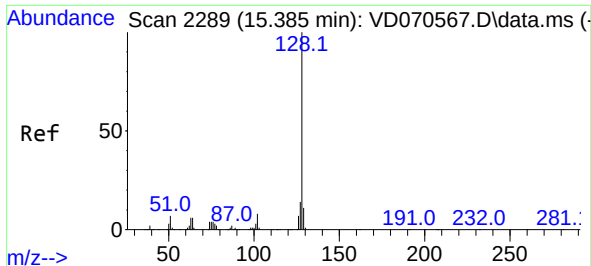


#94
Hexachlorobutadiene
Concen: 3.187 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42



Tgt Ion:225 Resp: 7618
Ion Ratio Lower Upper
225 100
223 63.8 31.2 93.6
227 61.2 32.2 96.6





#95
Naphthalene
Concen: 2.772 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

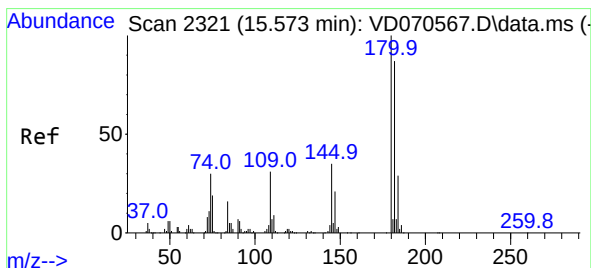
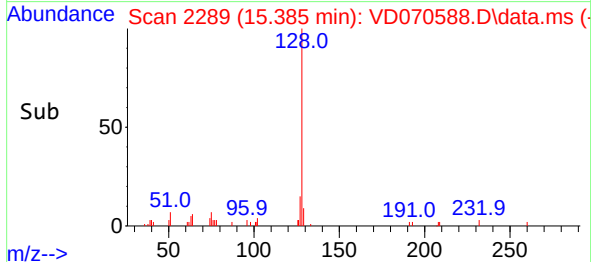
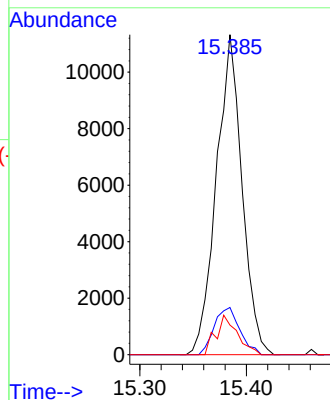
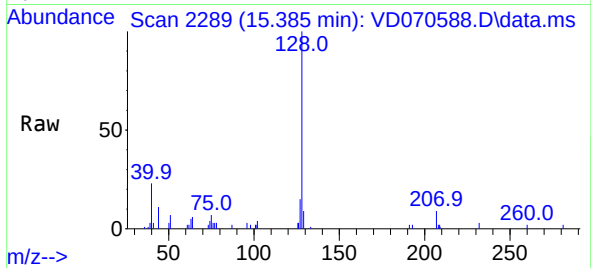
Tgt Ion:128 Resp: 18933

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.9	16.3
129	10.3	8.6	12.8

Instrument :
MSVOA_D
ClientSampleId :
M4068-01 2.5PPBLOD

Manual Integrations
APPROVED

MMDadoda
10/7/2021 5:32:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.806 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD070588.D
Acq: 06 Oct 2021 12:42

Tgt Ion:180 Resp: 9349

Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.2	138.5
145	35.9	17.1	51.3

