

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069759.D
 Acq On : 20 Jul 2021 09:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 7/21/2021 5:52:10 PM

Quant Time: Jul 21 03:21:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	619343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1002162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	472137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	363312	46.980	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.960%		
35) Dibromofluoromethane	7.914	113	359043	50.759	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.520%		
50) Toluene-d8	10.338	98	1417330	51.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.160%		
62) 4-Bromofluorobenzene	12.626	95	478385	52.197	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	342363	53.576	ug/l	98
3) Chloromethane	2.209	50	441897	50.562	ug/l	98
4) Vinyl Chloride	2.344	62	494287	52.466	ug/l	99
5) Bromomethane	2.756	94	302853	52.097	ug/l	96
6) Chloroethane	2.915	64	307120	50.949	ug/l	97
7) Trichlorofluoromethane	3.267	101	617046	51.936	ug/l	98
8) Diethyl Ether	3.709	74	173944	50.181	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	390371	52.984	ug/l	99
10) Methyl Iodide	4.297	142	373334	48.526	ug/l	99
11) Tert butyl alcohol	5.226	59	91983	89.025	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	358314	53.049	ug/l	98
13) Acrolein	3.920	56	148757	279.016	ug/l	100
14) Allyl chloride	4.714	41	539495	51.694	ug/l	99
15) Acrylonitrile	5.414	53	417896	265.864	ug/l	100
16) Acetone	4.156	43	433343	291.892	ug/l	98
17) Carbon Disulfide	4.403	76	1237071	51.885	ug/l	98
18) Methyl Acetate	4.709	43	176497	46.556	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	769518	53.818	ug/l	97
20) Methylene Chloride	4.961	84	464933	42.386	ug/l	99
21) trans-1,2-Dichloroethene	5.467	96	416104	51.587	ug/l	99
22) Diisopropyl ether	6.356	45	1175941	54.368	ug/l	99
23) Vinyl Acetate	6.303	43	3020078	248.410	ug/l	100
24) 1,1-Dichloroethane	6.261	63	745767	49.410	ug/l	99
25) 2-Butanone	7.208	43	485975	265.888	ug/l	96
26) 2,2-Dichloropropane	7.203	77	624181	51.833	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	442566	50.863	ug/l	99
28) Bromochloromethane	7.544	49	311400	53.460	ug/l	100
29) Tetrahydrofuran	7.561	42	310125	273.863	ug/l	99
30) Chloroform	7.708	83	745140	49.630	ug/l	100
31) Cyclohexane	7.985	56	701146	53.281	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	645432	50.699	ug/l	99
36) 1,1-Dichloropropene	8.108	75	596359	54.826	ug/l	98
37) Ethyl Acetate	7.291	43	224676	54.605	ug/l	98
38) Carbon Tetrachloride	8.097	117	552954	55.515	ug/l	96
39) Methylcyclohexane	9.355	83	711823	54.596	ug/l	97
40) Benzene	8.350	78	1682613	53.632	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	114852m	53.861	ug/l	
42) 1,2-Dichloroethane	8.420	62	434798	51.059	ug/l	99
43) Isopropyl Acetate	8.450	43	391450	51.952	ug/l	99
44) Trichloroethene	9.108	130	403524	53.042	ug/l	97
45) 1,2-Dichloropropane	9.385	63	442763	53.694	ug/l	97
46) Dibromomethane	9.473	93	212498	52.800	ug/l	99
47) Bromodichloromethane	9.655	83	553320	51.876	ug/l	98
48) Methyl methacrylate	9.455	41	200601	51.260	ug/l	98
49) 1,4-Dioxane	9.461	88	50355	969.783	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	1102989	282.678	ug/l	100
52) Toluene	10.397	92	1055985	55.960	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	489884	54.635	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	575689	52.285	ug/l	99
55) 1,1,2-Trichloroethane	10.796	97	299484	53.197	ug/l	97
56) Ethyl methacrylate	10.655	69	367018	50.992	ug/l	99
57) 1,3-Dichloropropane	10.944	76	521722	52.492	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	979897	303.609	ug/l	100
59) 2-Hexanone	10.979	43	798656	307.086	ug/l	100
60) Dibromochloromethane	11.138	129	351369	53.500	ug/l	98
61) 1,2-Dibromoethane	11.244	107	277536	53.135	ug/l	98
64) Tetrachloroethene	10.873	164	319113	52.144	ug/l	97
65) Chlorobenzene	11.667	112	1046177	52.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	372776	52.126	ug/l	99
67) Ethyl Benzene	11.738	91	1970210	55.574	ug/l	98
68) m/p-Xylenes	11.849	106	1524628	113.728	ug/l	100
69) o-Xylene	12.173	106	687541	56.322	ug/l	99
70) Styrene	12.191	104	1221480	57.339	ug/l	99
71) Bromoform	12.355	173	189354	54.612	ug/l #	99
73) Isopropylbenzene	12.473	105	1853226	55.126	ug/l	99
74) N-amyl acetate	12.279	43	388140	53.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	337067	50.337	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	241854m	52.730	ug/l	
77) Bromobenzene	12.755	156	388227	52.051	ug/l	99
78) n-propylbenzene	12.814	91	2379401	55.819	ug/l	99
79) 2-Chlorotoluene	12.902	91	1330078	53.076	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	1576099	55.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	93100	54.550	ug/l	99
82) 4-Chlorotoluene	12.996	91	1387905	52.778	ug/l	100
83) tert-Butylbenzene	13.214	119	1278386	54.993	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1556830	55.030	ug/l	98
85) sec-Butylbenzene	13.390	105	2044110	55.951	ug/l	99
86) p-Isopropyltoluene	13.508	119	1681262	56.501	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	812570	52.459	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	796844	51.512	ug/l	99
89) n-Butylbenzene	13.832	91	1649219	55.943	ug/l	99
90) Hexachloroethane	14.102	117	321821	53.148	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	692614	51.858	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	48206	48.333	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	403385	54.326	ug/l	99
94) Hexachlorobutadiene	15.255	225	239803	53.566	ug/l	99
95) Naphthalene	15.384	128	739185	49.513	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	347678	54.511	ug/l	100

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

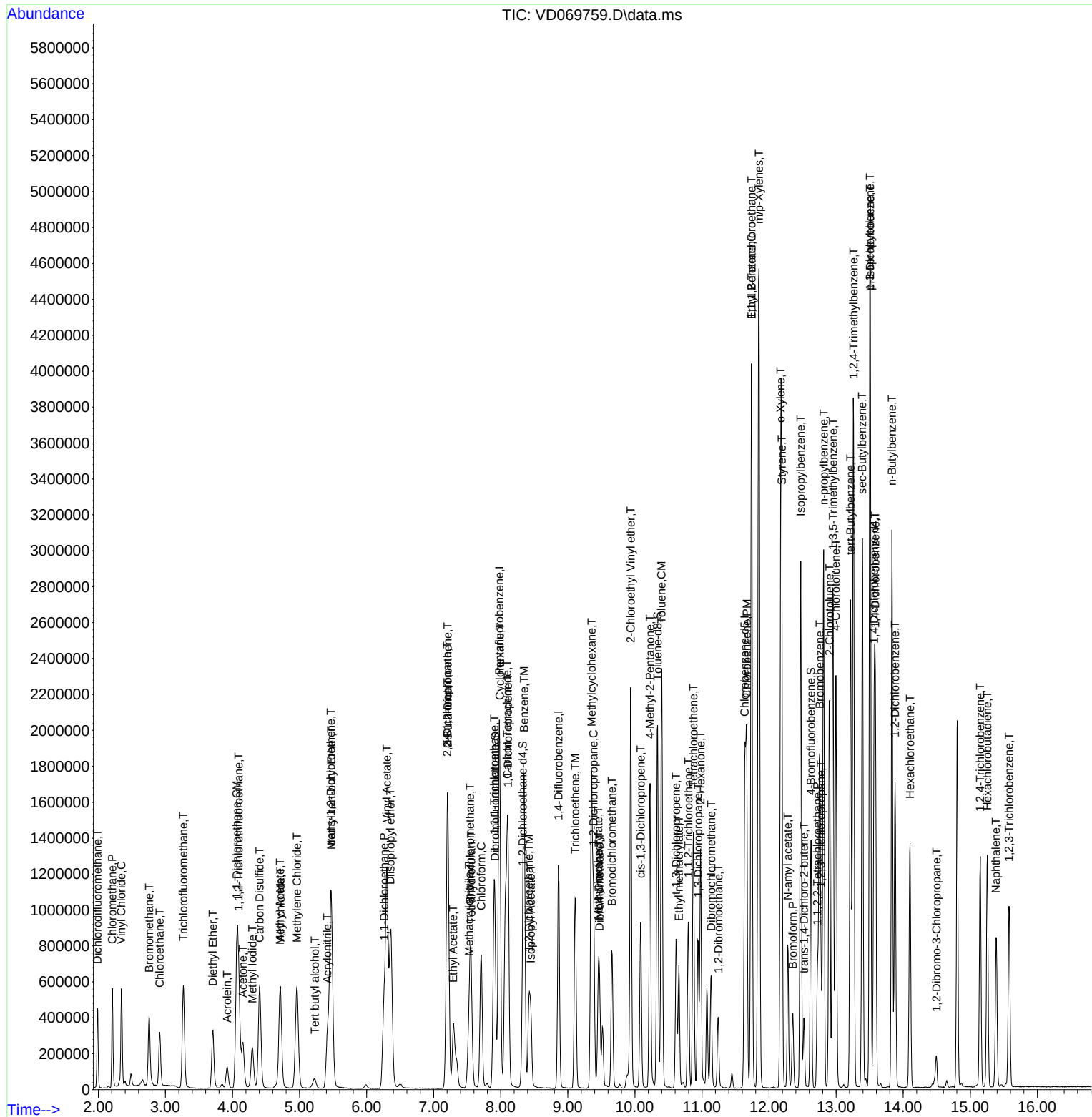
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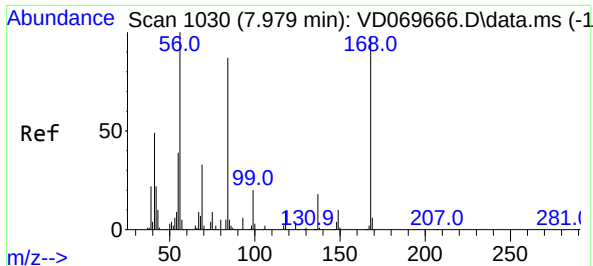
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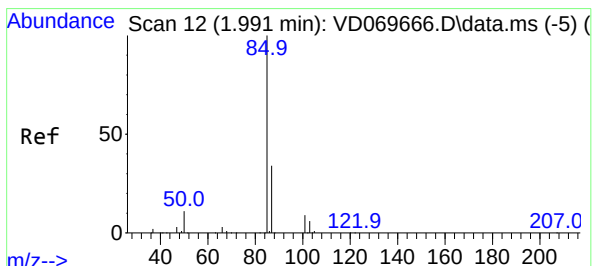
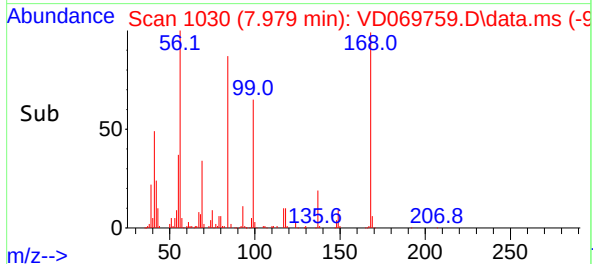
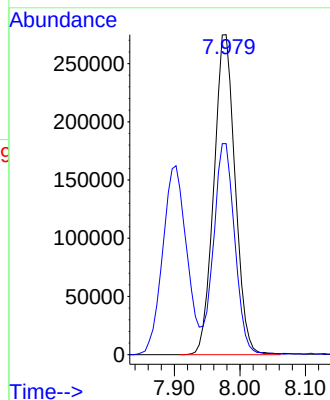
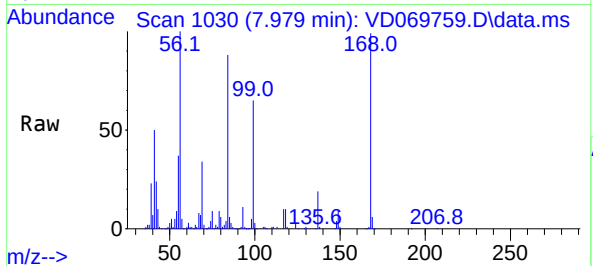
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 168 Resp: 619343
Ion Ratio Lower Upper
168 100
99 65.7 51.8 77.6

Instrument :
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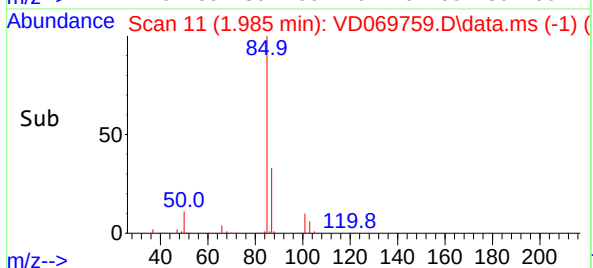
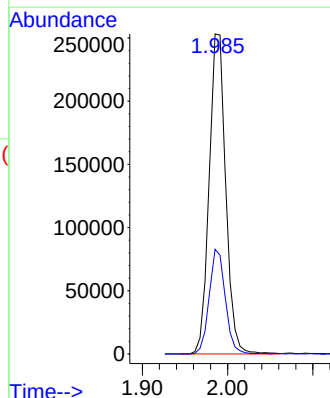
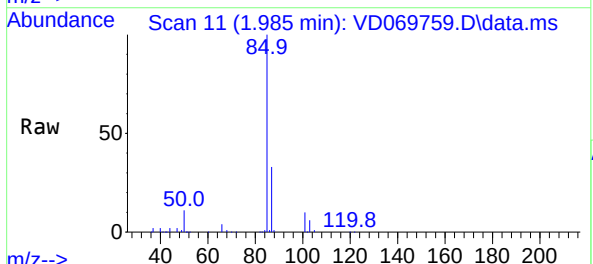
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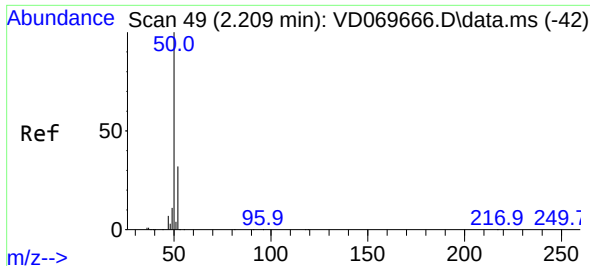
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#2
Dichlorodifluoromethane
Concen: 53.576 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

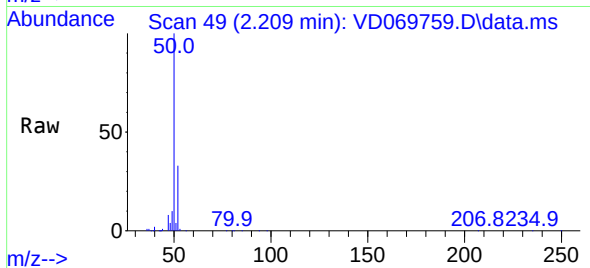
Tgt Ion: 85 Resp: 342363
Ion Ratio Lower Upper
85 100
87 32.7 17.0 51.0





#3
Chloromethane
Concen: 50.562 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

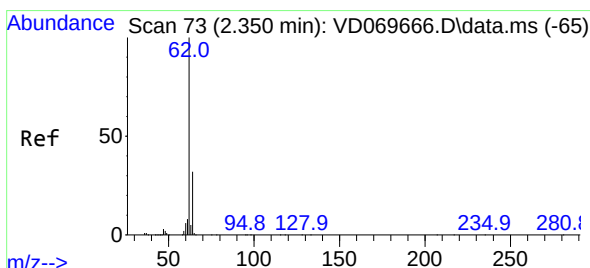
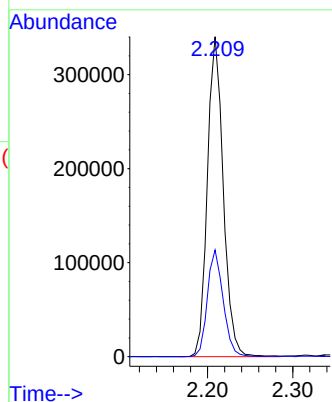
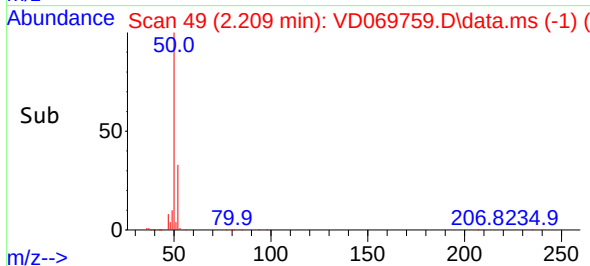
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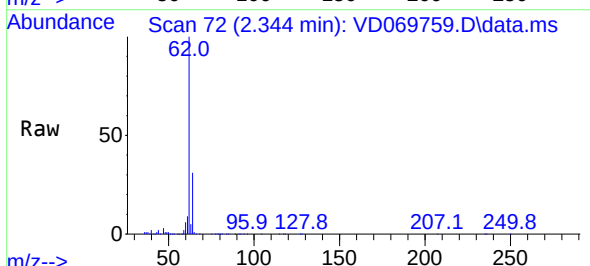
Tgt Ion: 50 Resp: 441897
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

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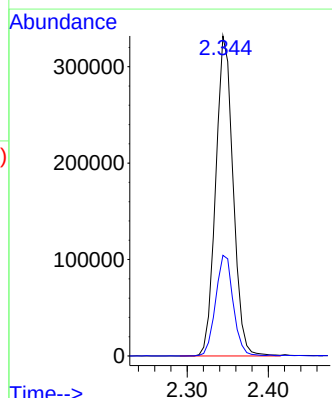
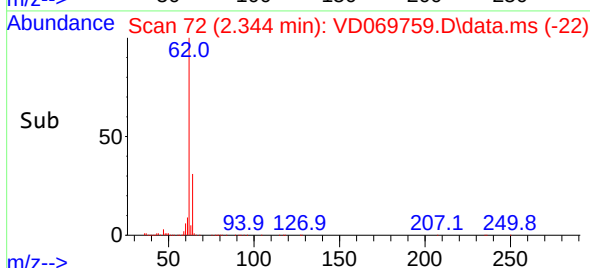
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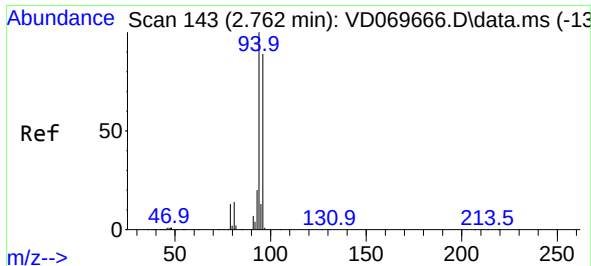


#4
Vinyl Chloride
Concen: 52.466 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 62 Resp: 494287
Ion Ratio Lower Upper
62 100
64 31.5 25.6 38.4





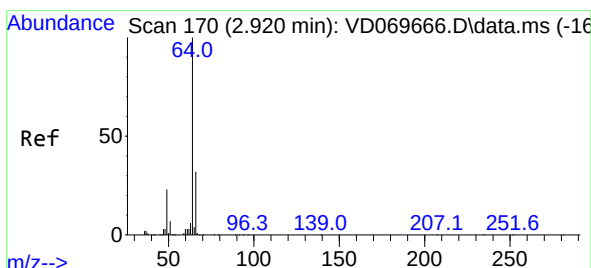
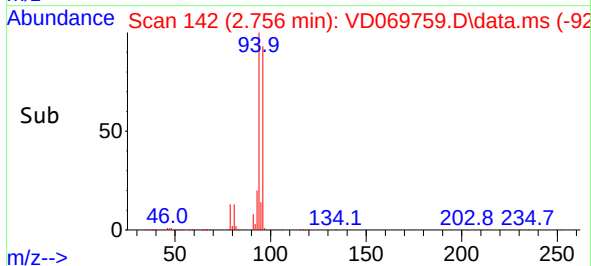
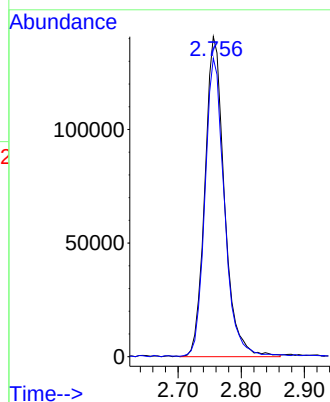
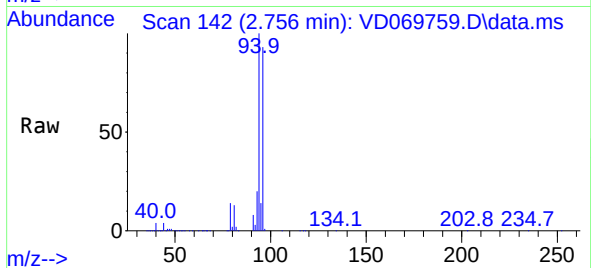
#5
Bromomethane
Concen: 52.097 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.006 min
Lab File: VD069759.D
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Tgt Ion: 94 Resp: 302853
Ion Ratio Lower Upper
94 100
96 93.1 71.2 106.8

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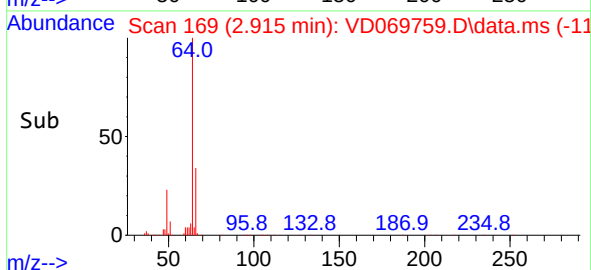
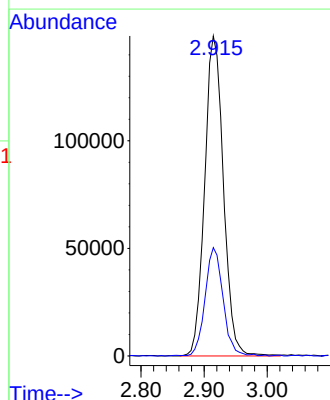
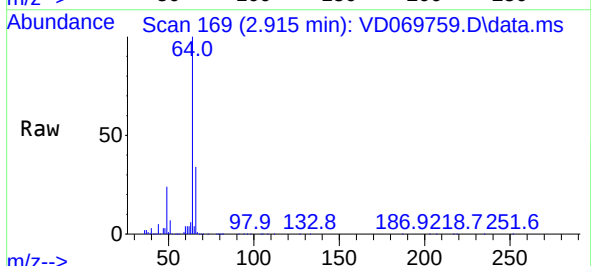
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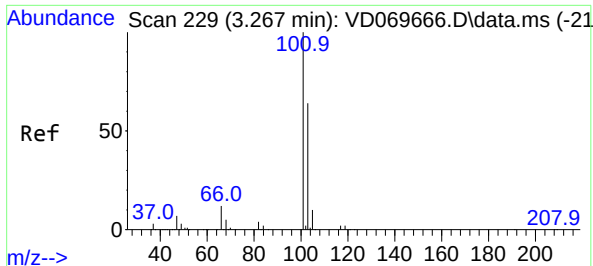
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#6
Chloroethane
Concen: 50.949 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.005 min
Lab File: VD069759.D
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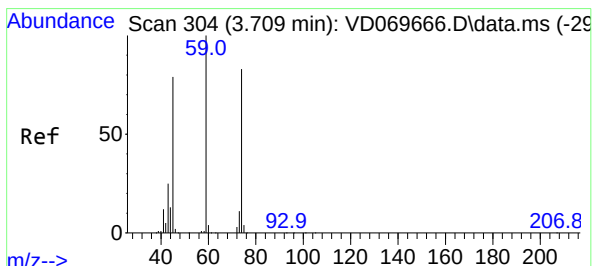
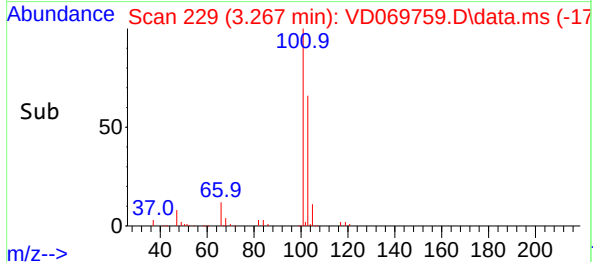
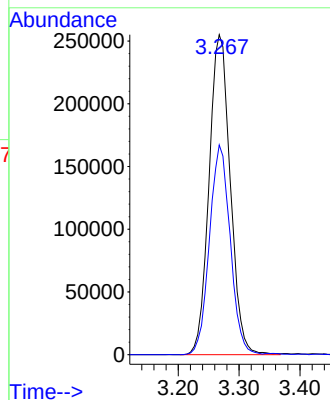
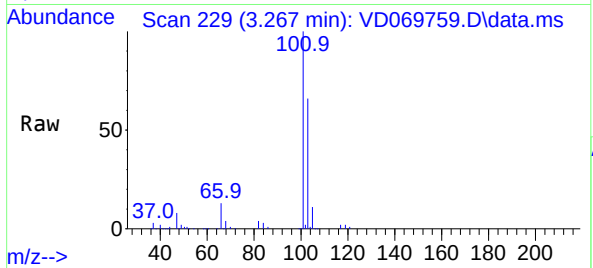
Tgt Ion: 64 Resp: 307120
Ion Ratio Lower Upper
64 100
66 33.7 25.4 38.2





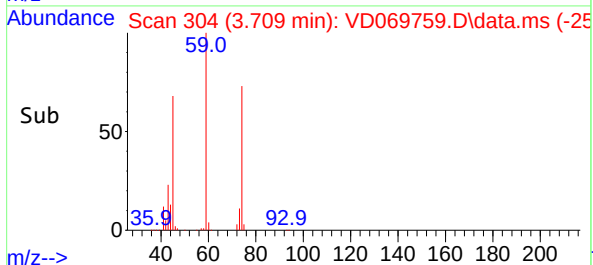
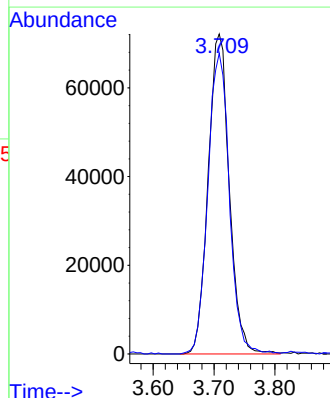
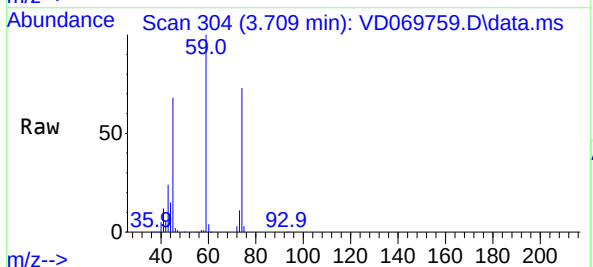
#7
Trichlorofluoromethane
Concen: 51.936 ug/l
RT: 3.267 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD069759.D
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Tgt Ion:101 Resp: 617046
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 50.181 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD069759.D
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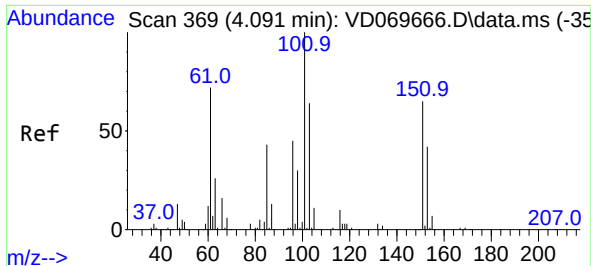
Tgt Ion: 74 Resp: 173944
Ion Ratio Lower Upper
74 100
45 95.9 48.4 145.0



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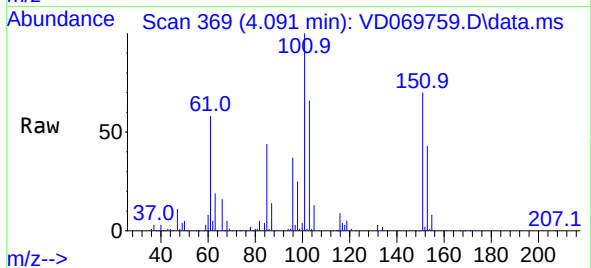
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.984 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

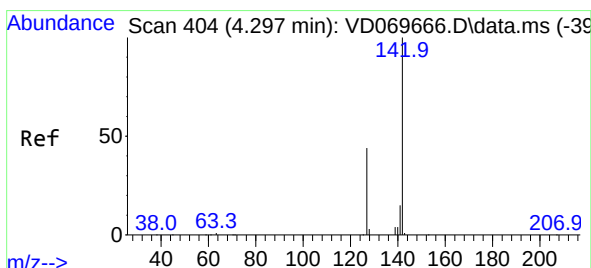
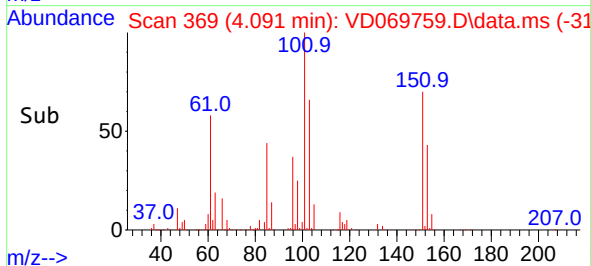
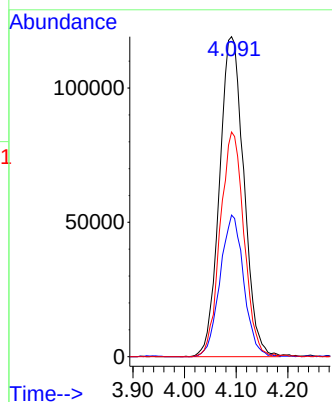
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



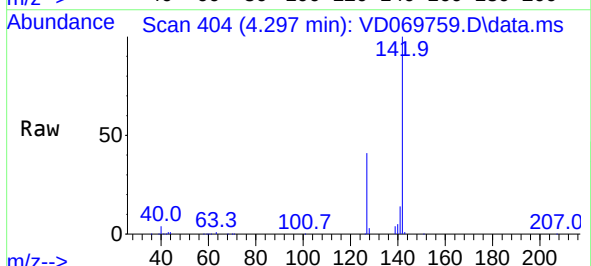
Tgt Ion:101 Resp: 390371
Ion Ratio Lower Upper
101 100
85 43.1 34.6 52.0
151 68.6 54.4 81.6

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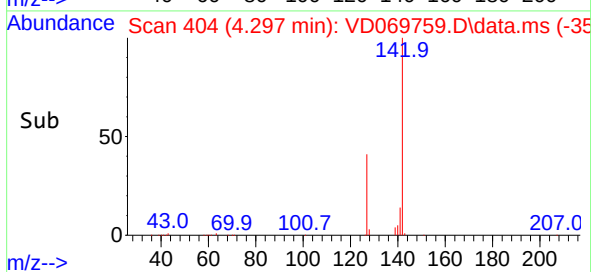
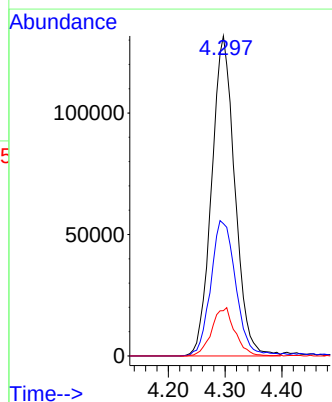
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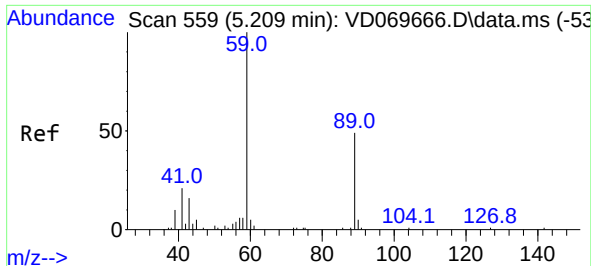


#10
Methyl Iodide
Concen: 48.526 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion:142 Resp: 373334
Ion Ratio Lower Upper
142 100
127 45.9 36.1 54.1
141 15.1 11.6 17.4





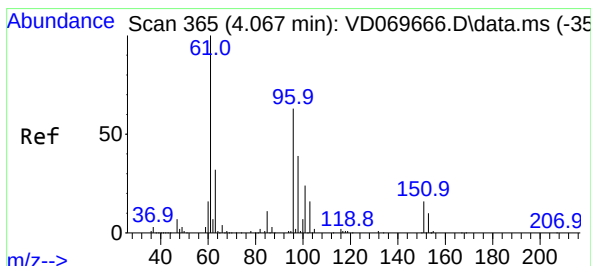
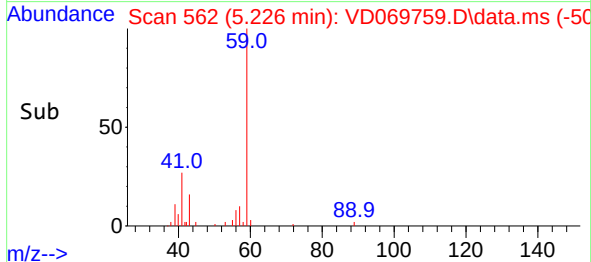
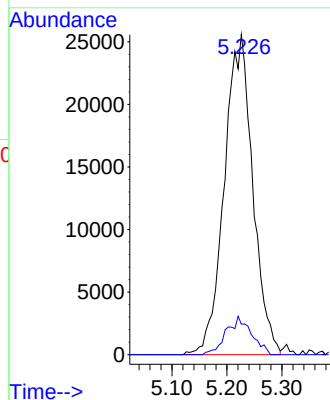
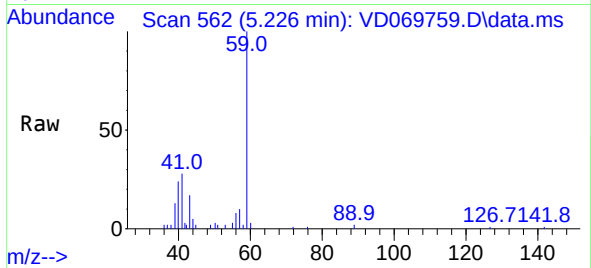
#11
Tert butyl alcohol
Concen: 89.025 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.017 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 59 Resp: 91983
Ion Ratio Lower Upper
59 100
57 10.6 5.7 8.5#

Instrument :
MSVOA_D
ClientSampleId :
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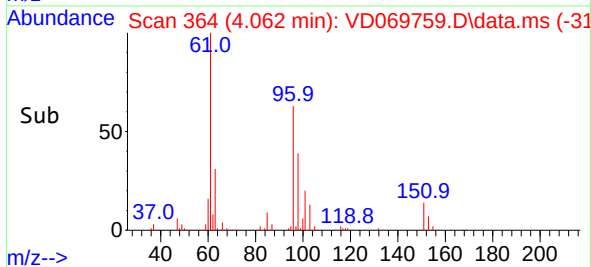
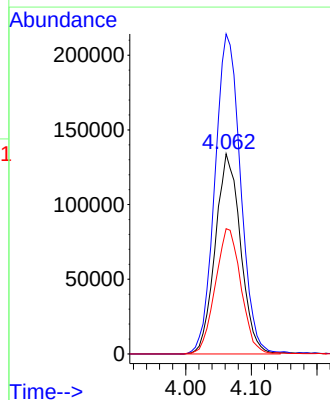
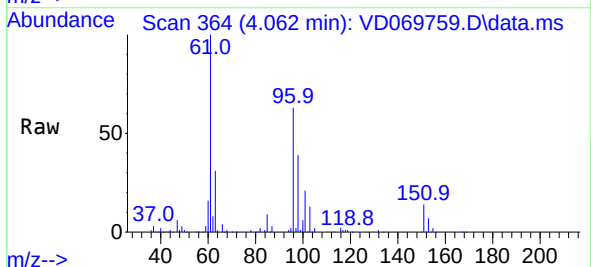
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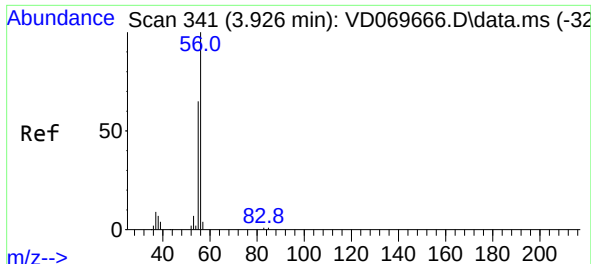
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#12
1,1-Dichloroethene
Concen: 53.049 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.005 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 96 Resp: 358314
Ion Ratio Lower Upper
96 100
61 159.8 126.4 189.6
98 62.6 48.9 73.3





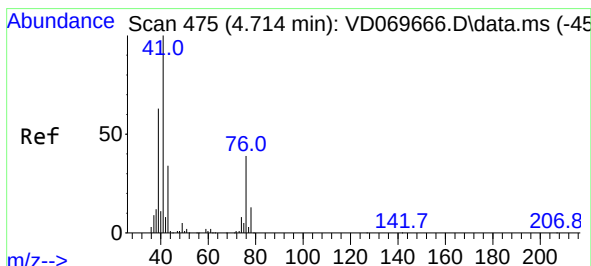
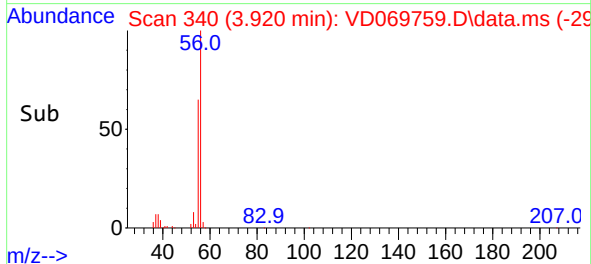
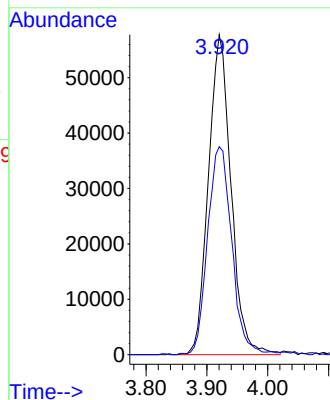
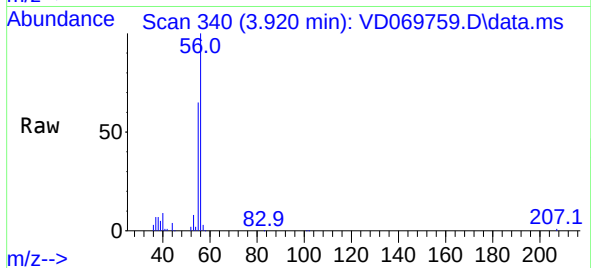
#13
Acrolein
Concen: 279.016 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 56 Resp: 148757
Ion Ratio Lower Upper
56 100
55 69.1 55.3 82.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

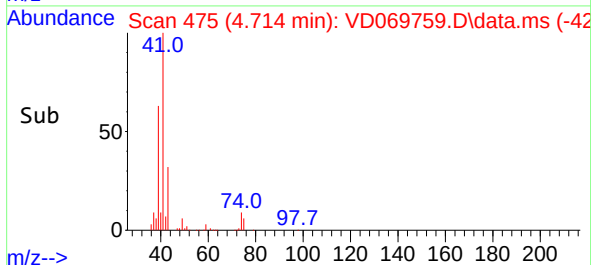
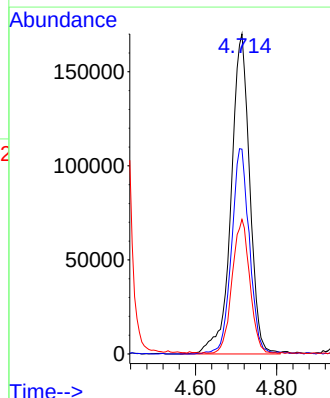
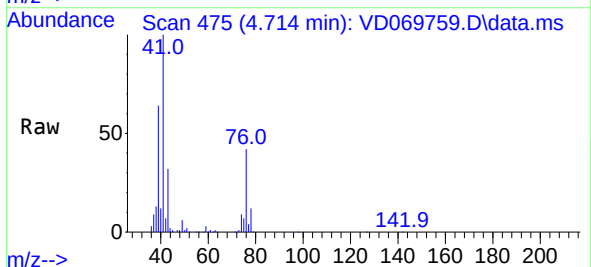
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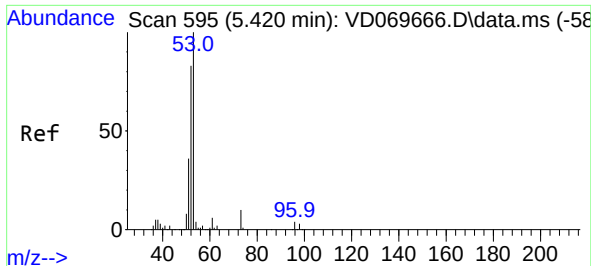
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#14
Allyl chloride
Concen: 51.694 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

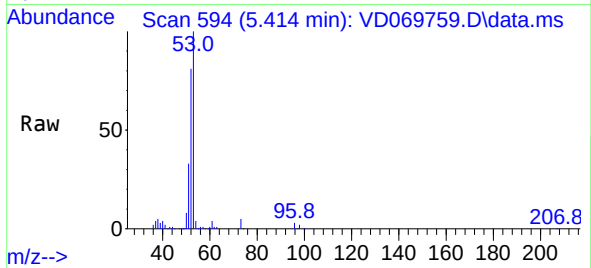
Tgt Ion: 41 Resp: 539495
Ion Ratio Lower Upper
41 100
39 61.6 49.4 74.2
76 39.6 30.7 46.1





#15
Acrylonitrile
Concen: 265.864 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

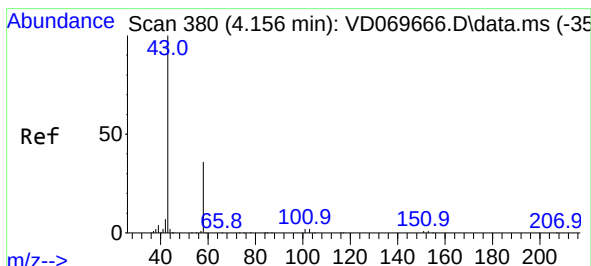
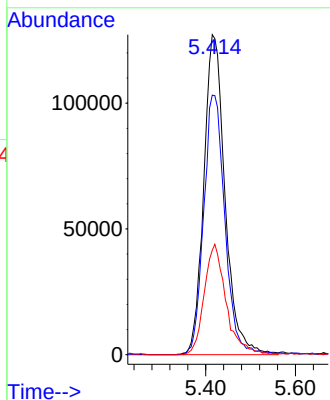
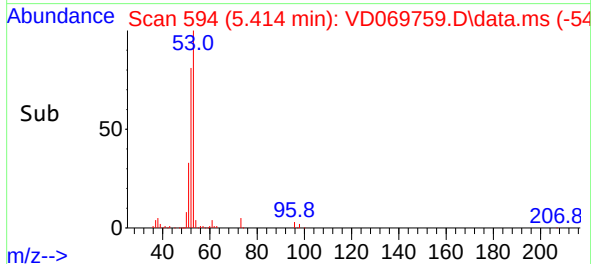
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



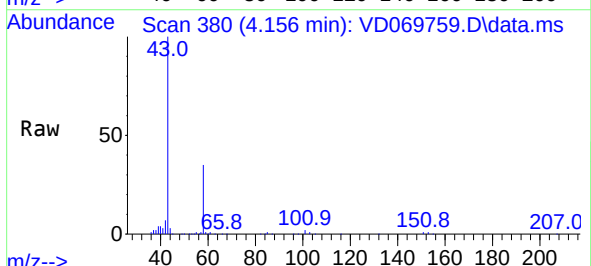
Tgt Ion: 53 Resp: 417896
Ion Ratio Lower Upper
53 100
52 80.8 64.8 97.2
51 35.6 28.2 42.2

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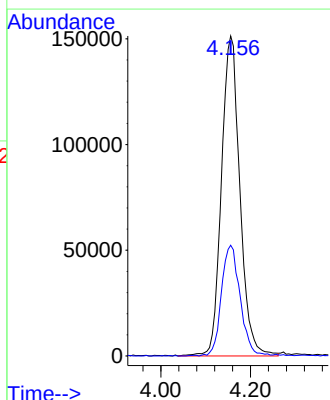
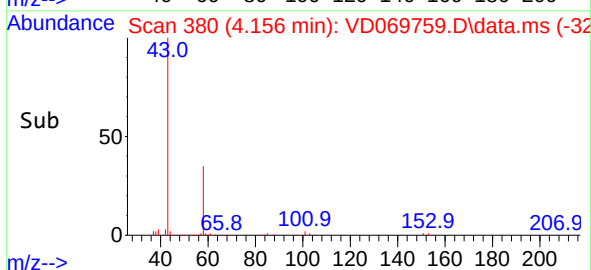
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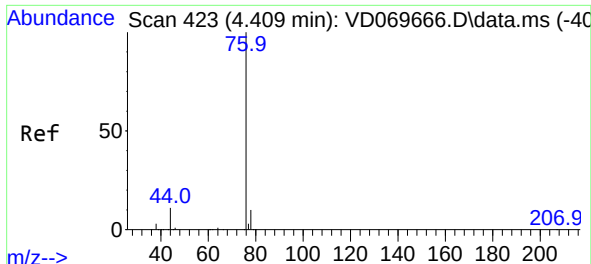


#16
Acetone
Concen: 291.892 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



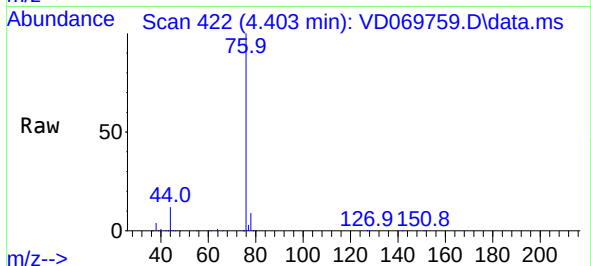
Tgt Ion: 43 Resp: 433343
Ion Ratio Lower Upper
43 100
58 34.6 28.6 42.8





#17
Carbon Disulfide
Concen: 51.885 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

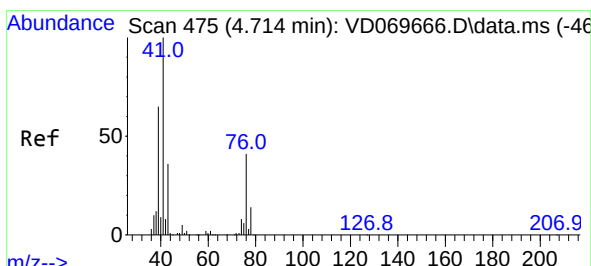
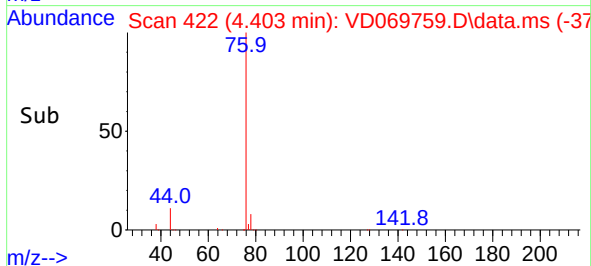
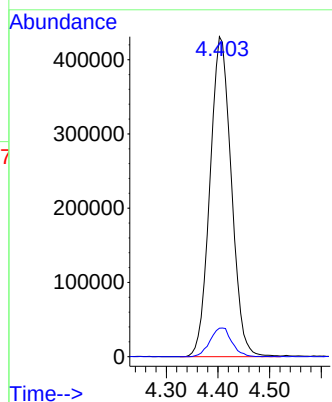
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 1237071
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

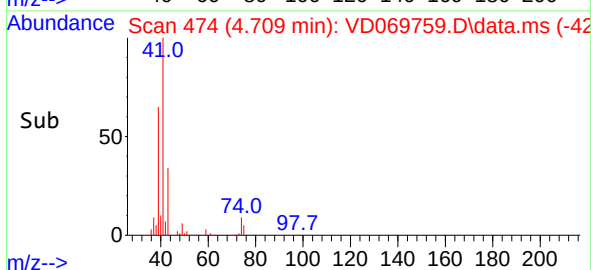
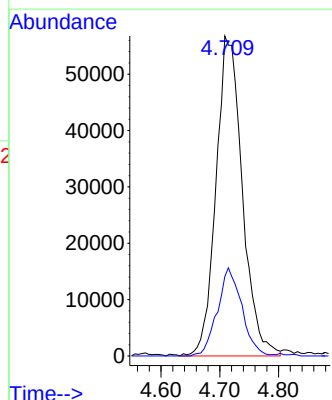
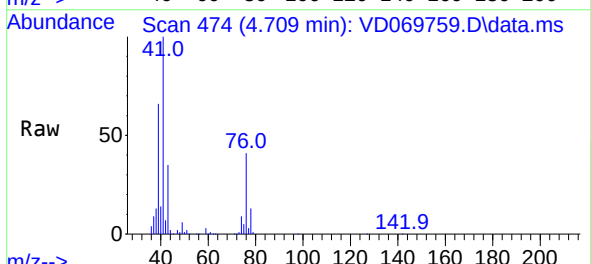
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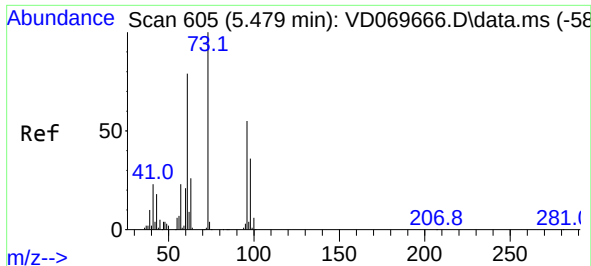
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#18
Methyl Acetate
Concen: 46.556 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 43 Resp: 176497
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8





#19

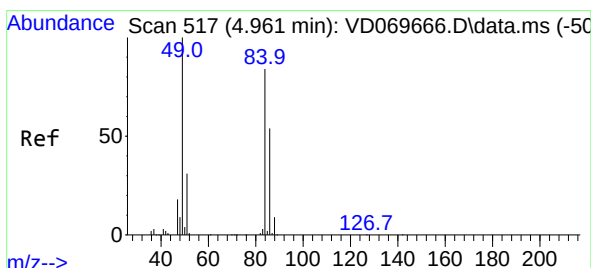
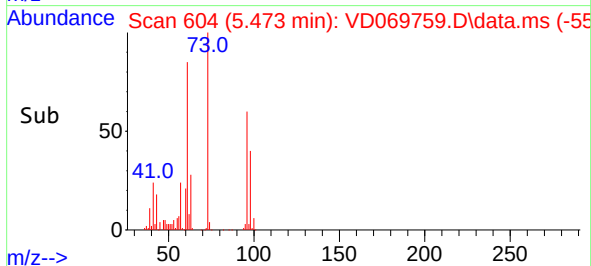
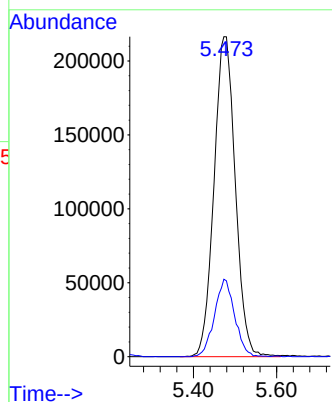
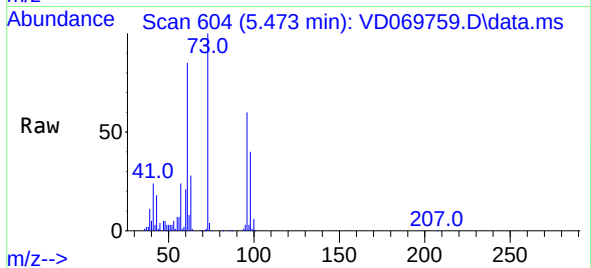
Methyl tert-butyl Ether
Concen: 53.818 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 73 Resp: 769518
Ion Ratio Lower Upper
73 100
57 24.2 18.2 27.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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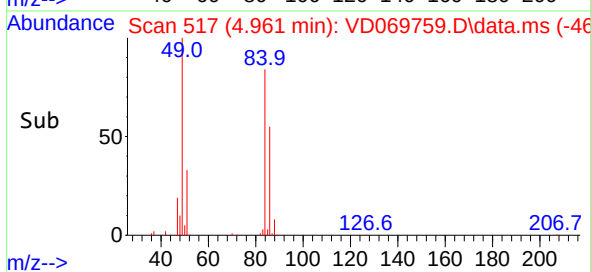
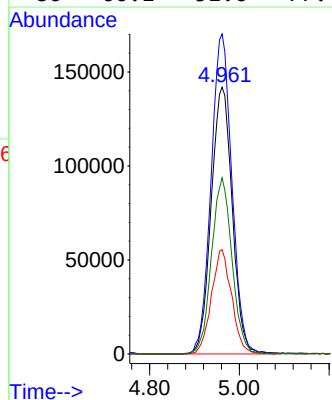
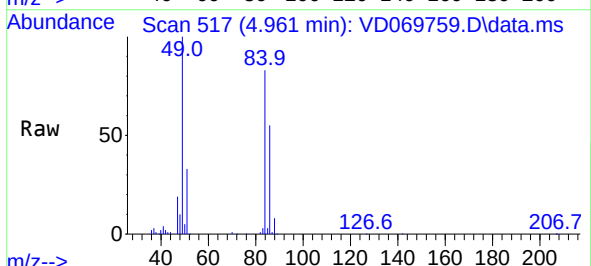
MMDadoda
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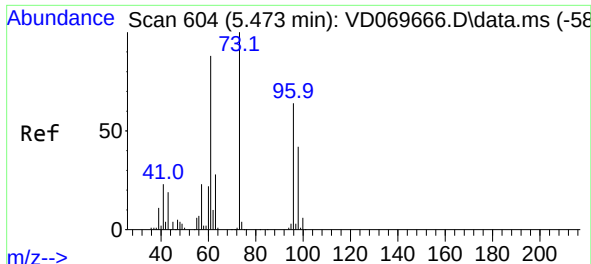


#20

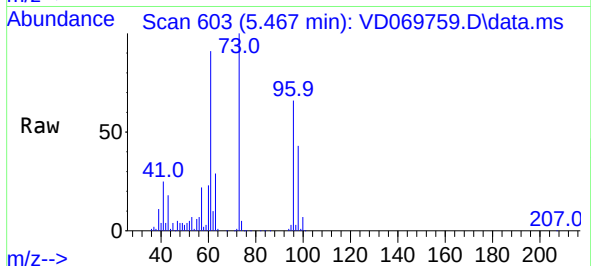
Methylene Chloride
Concen: 42.386 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 84 Resp: 464933
Ion Ratio Lower Upper
84 100
49 120.0 95.5 143.3
51 39.0 29.7 44.5
86 66.1 51.6 77.4



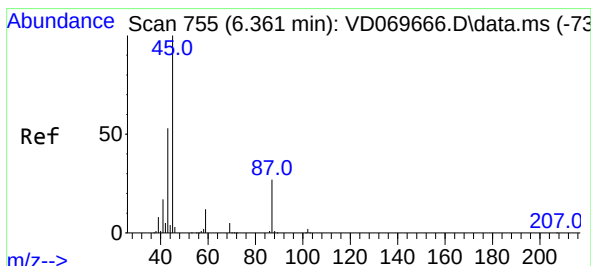
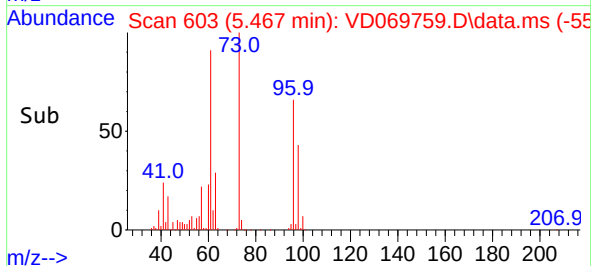
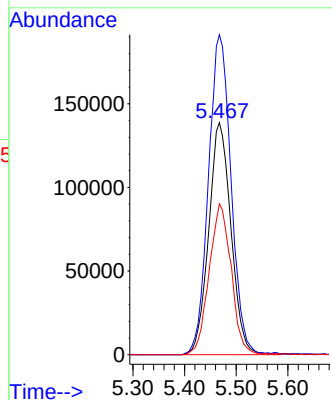


#21
trans-1,2-Dichloroethene
Concen: 51.587 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

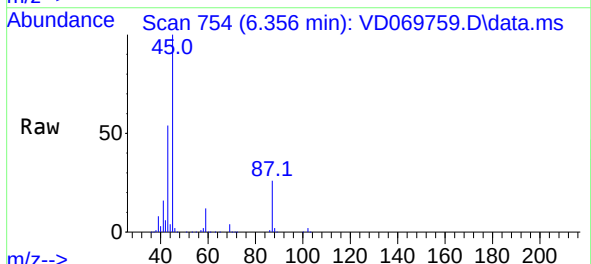


Tgt Ion: 96 Resp: 416104

Ion	Ratio	Lower	Upper
96	100		
61	137.9	110.9	166.3
98	65.0	52.2	78.2

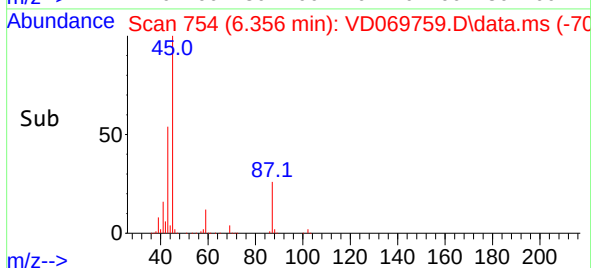
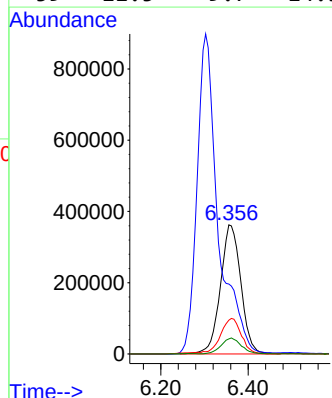


#22
Diisopropyl ether
Concen: 54.368 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.005 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 45 Resp: 1175941

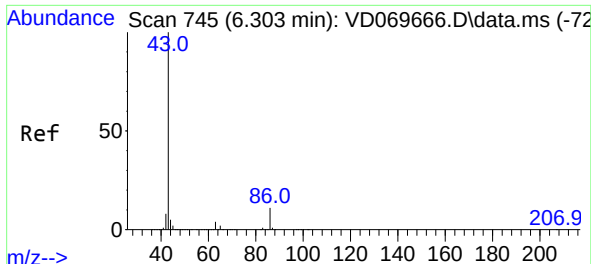
Ion	Ratio	Lower	Upper
45	100		
43	53.3	42.3	63.5
87	25.9	21.8	32.8
59	11.5	9.7	14.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

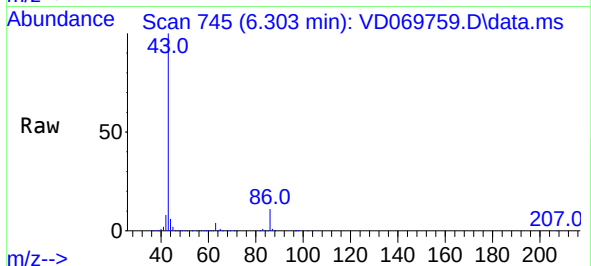
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#23
 Vinyl Acetate
 Concen: 248.410 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD069759.D
 Acq: 20 Jul 2021 09:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

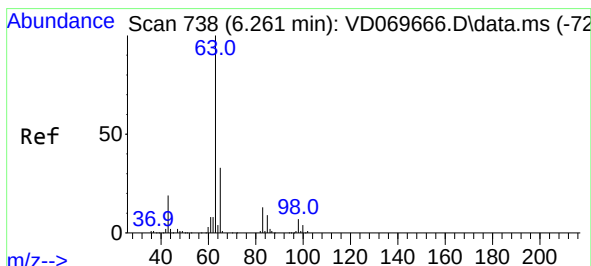
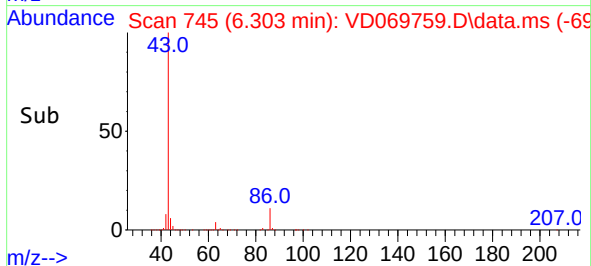
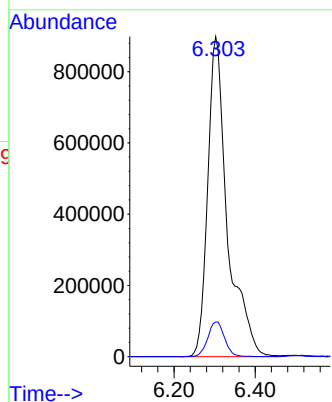


Tgt Ion: 43 Resp: 3020078

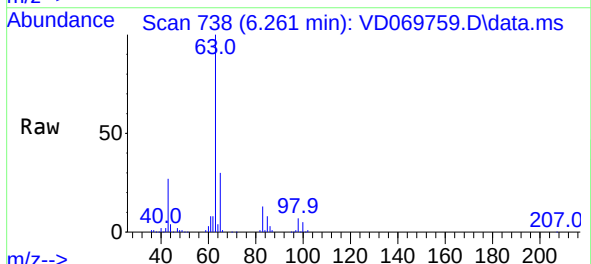
Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	12.8

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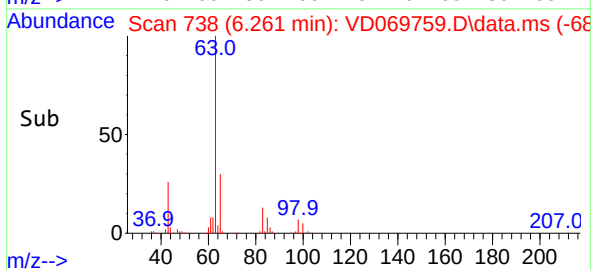
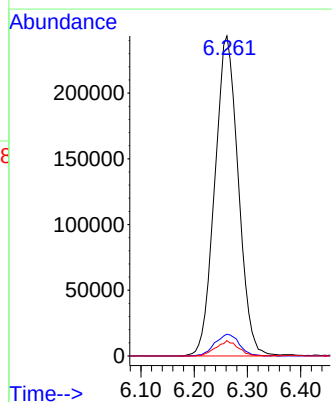


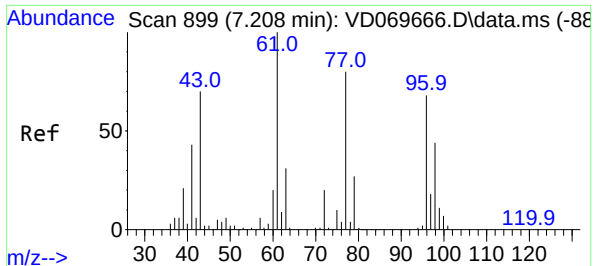
#24
 1,1-Dichloroethane
 Concen: 49.410 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069759.D
 Acq: 20 Jul 2021 09:45



Tgt Ion: 63 Resp: 745767

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.8
100	4.8	2.1	6.5





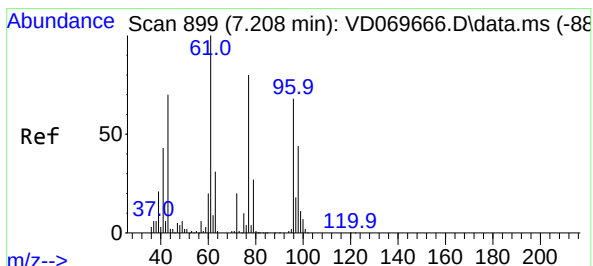
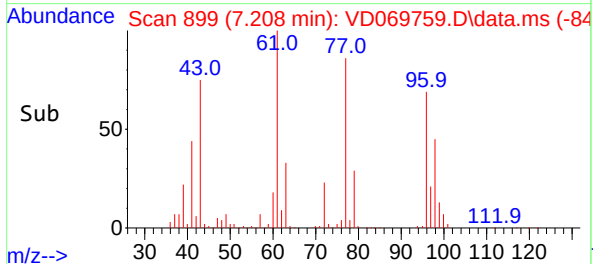
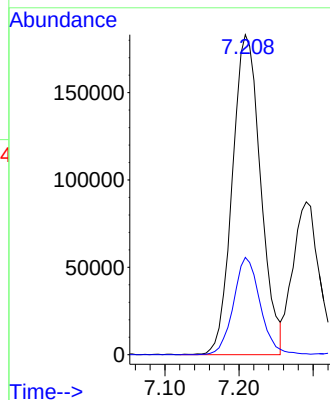
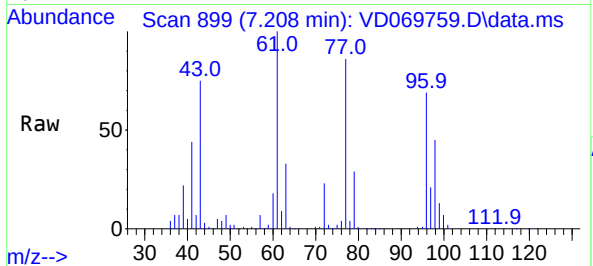
#25
2-Butanone
Concen: 265.888 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 43 Resp: 485975
Ion Ratio Lower Upper
43 100
72 30.4 22.6 33.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

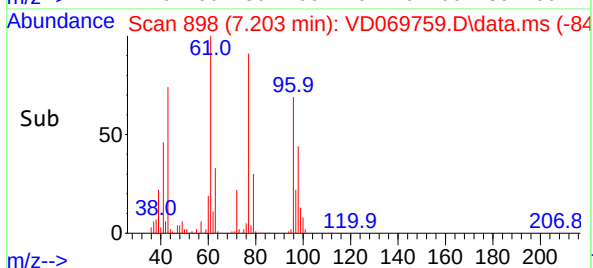
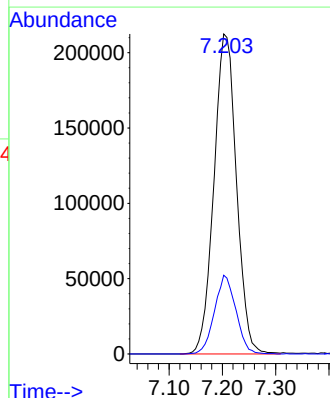
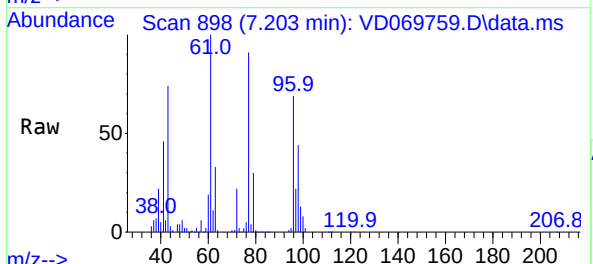
Manual Integrations
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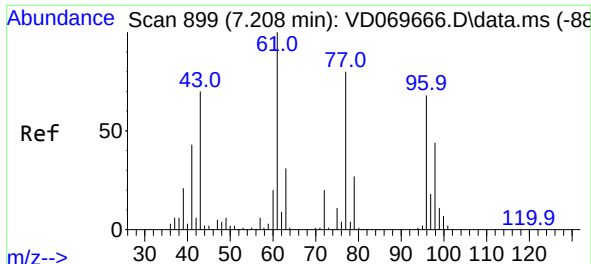
MMDadoda
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#26
2,2-Dichloropropane
Concen: 51.833 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 77 Resp: 624181
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





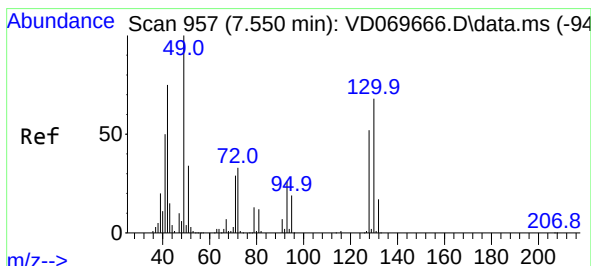
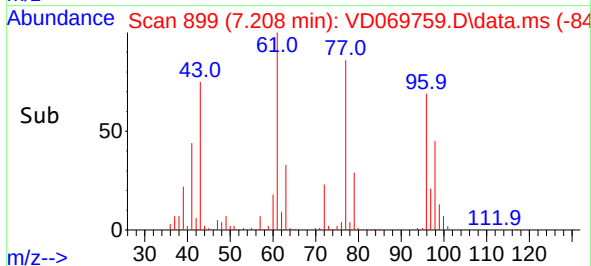
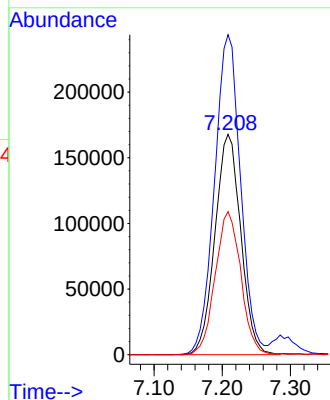
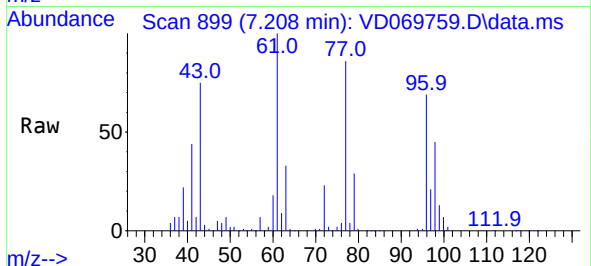
#27
cis-1,2-Dichloroethene
Concen: 50.863 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:	96	Resp:	442566
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	295.8
98	64.6	0.0	127.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

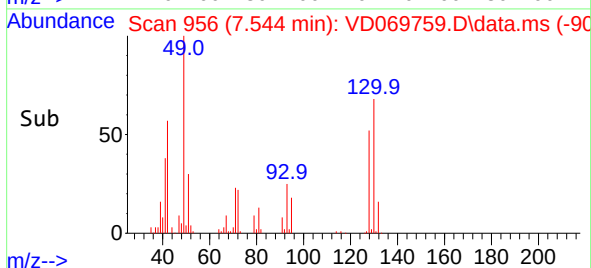
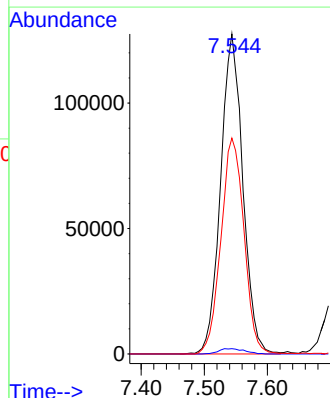
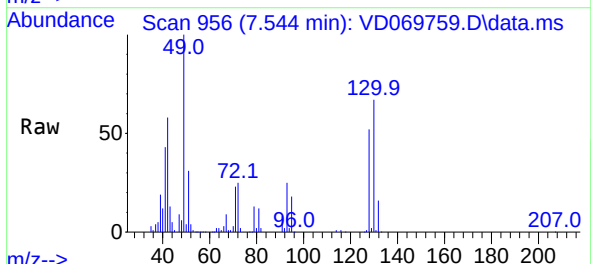
Manual Integrations
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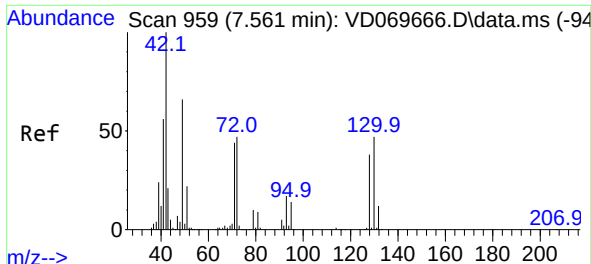
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#28
Bromochloromethane
Concen: 53.460 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:	49	Resp:	311400
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	70.0	55.8	83.8





#29

Tetrahydrofuran

Concen: 273.863 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD069759.D

Acq: 20 Jul 2021 09:45

Tgt Ion:	42	Resp:	310125
Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.5	54.7
71	42.6	33.4	50.0

Instrument :

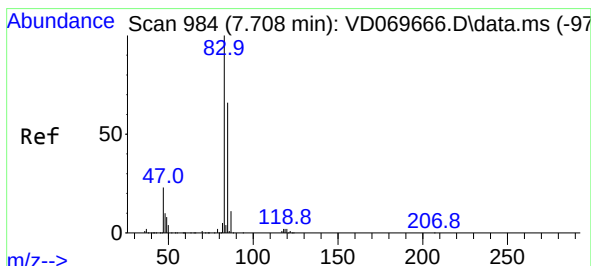
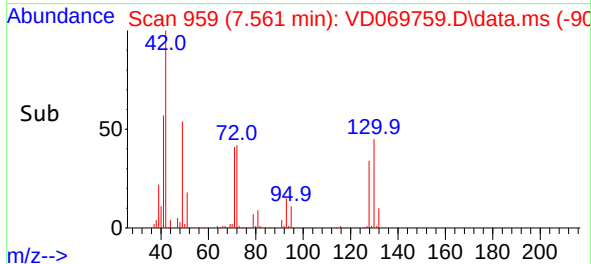
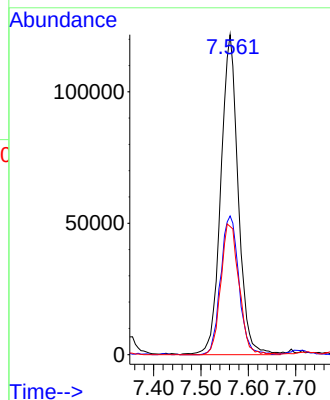
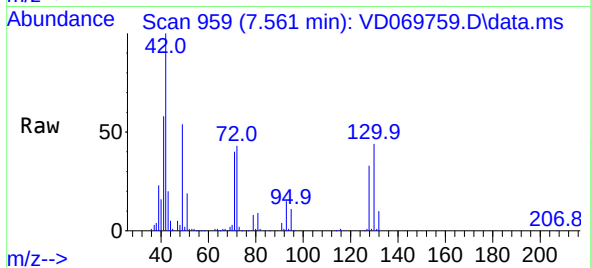
MSVOA_D

ClientSampleId :

VSTDCCC050

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#30

Chloroform

Concen: 49.630 ug/l

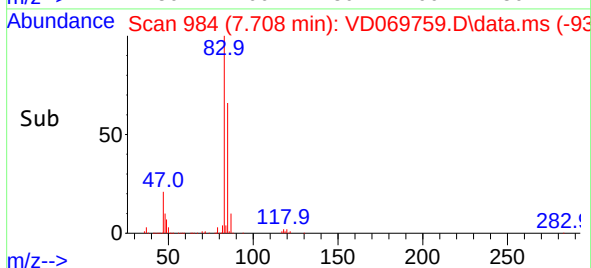
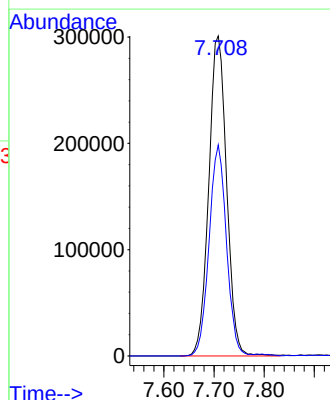
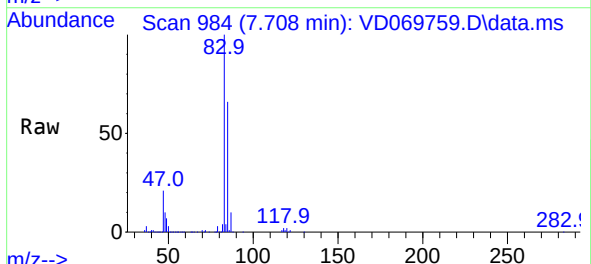
RT: 7.708 min Scan# 984

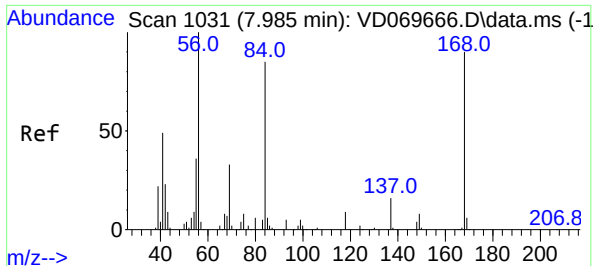
Delta R.T. 0.000 min

Lab File: VD069759.D

Acq: 20 Jul 2021 09:45

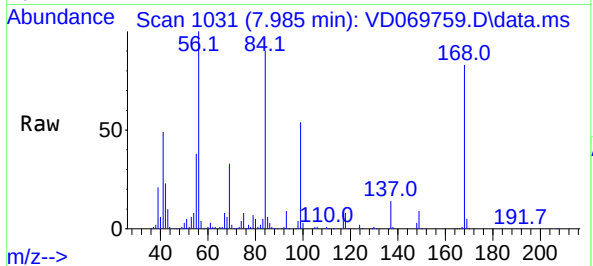
Tgt Ion:	83	Resp:	745140
Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.0	79.4





#31
Cyclohexane
Concen: 53.281 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

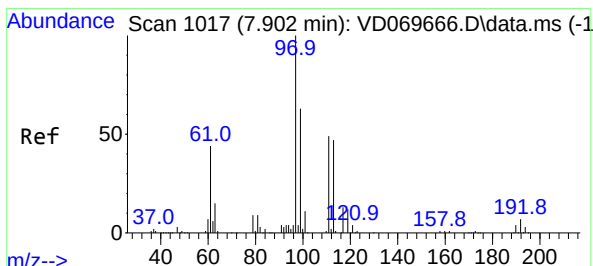
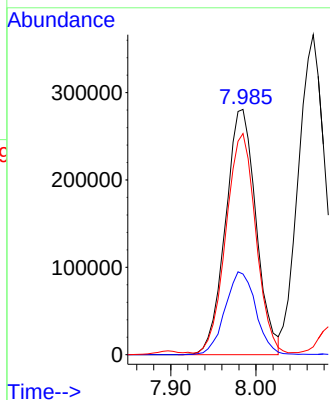
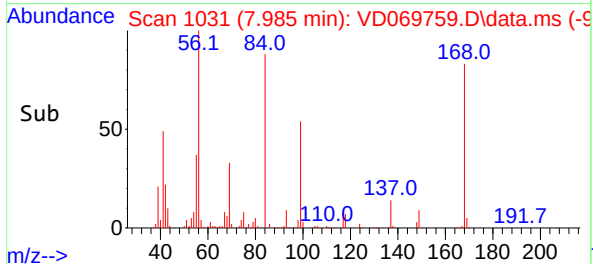
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



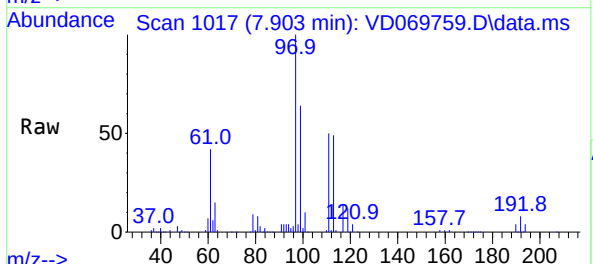
Tgt Ion: 56 Resp: 701146
Ion Ratio Lower Upper
56 100
69 32.9 26.6 39.8
84 89.2 68.2 102.2

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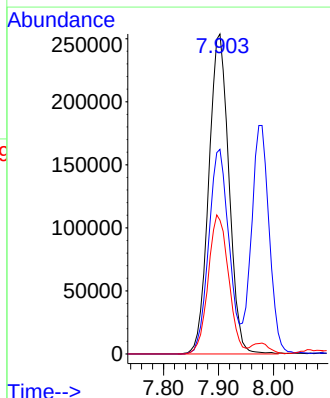
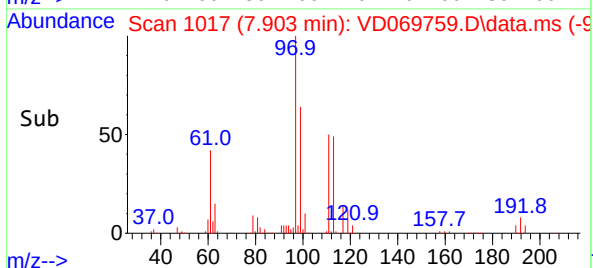
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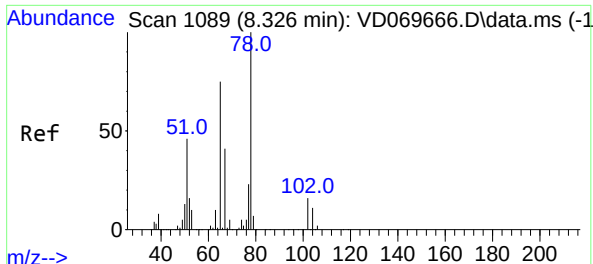


#32
1,1,1-Trichloroethane
Concen: 50.699 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.001 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

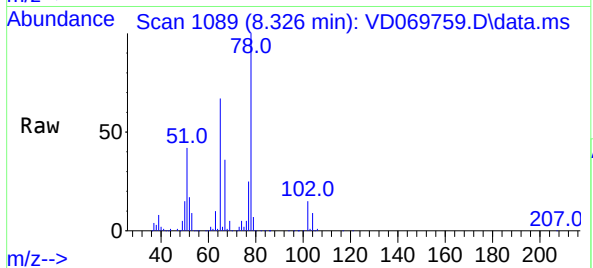


Tgt Ion: 97 Resp: 645432
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 44.0 35.6 53.4

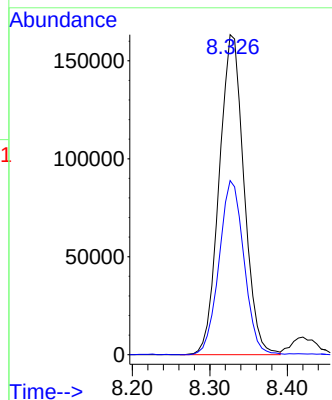




#33
1,2-Dichloroethane-d4
Concen: 46.980 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



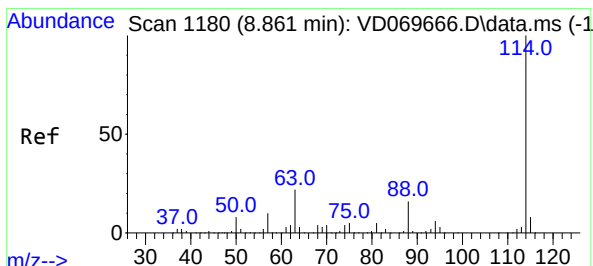
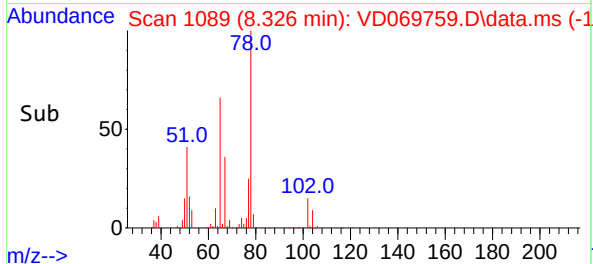
Tgt Ion: 65 Resp: 363312
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2



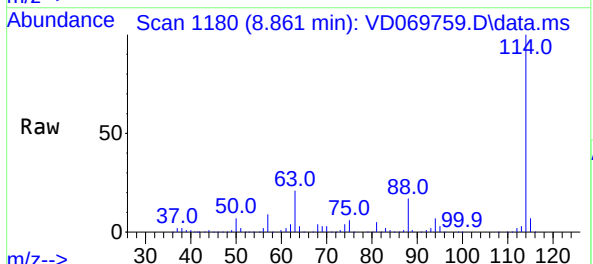
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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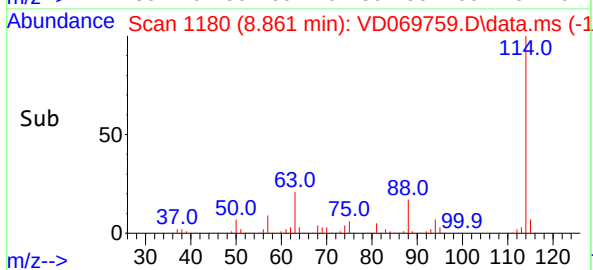
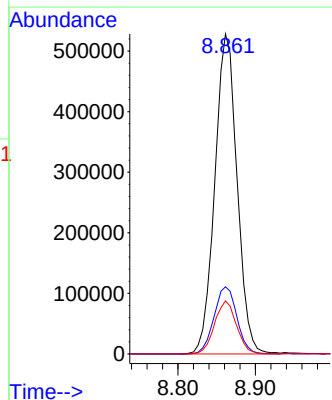
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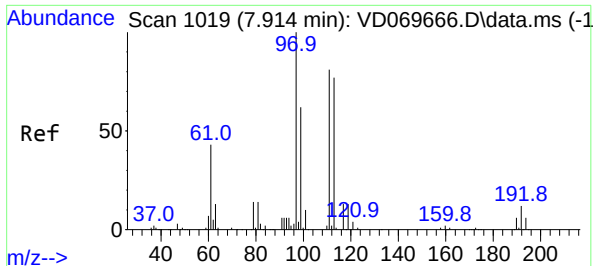


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 114 Resp: 1054356
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.4
88 16.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.759 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069759.D

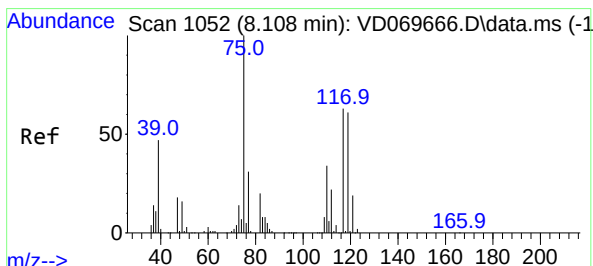
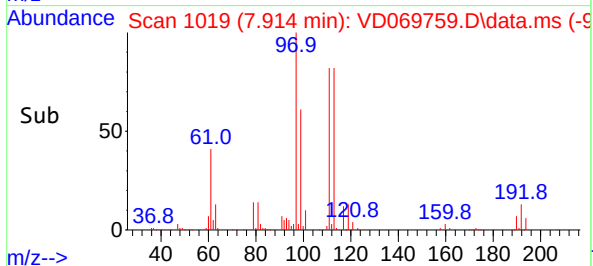
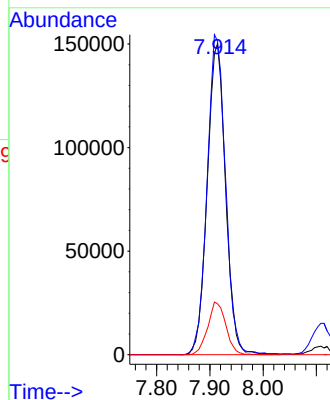
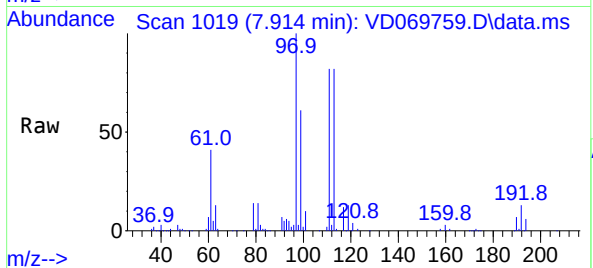
Acq: 20 Jul 2021 09:45

Tgt Ion:	113	Resp:	359043
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	16.7	12.7	19.1

Instrument :
MSVOA_D
ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 54.826 ug/l

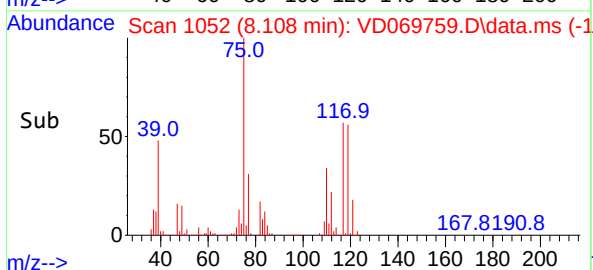
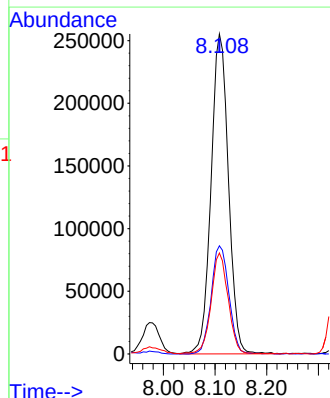
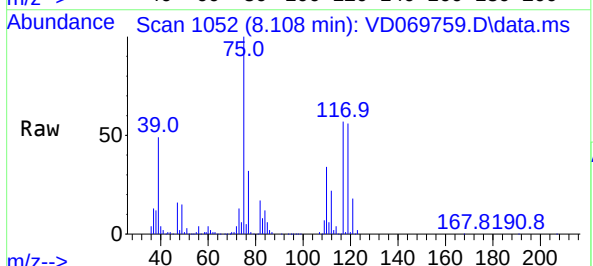
RT: 8.108 min Scan# 1052

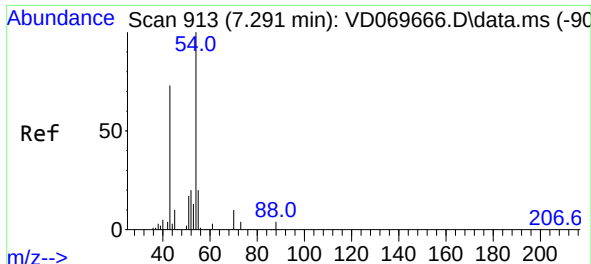
Delta R.T. 0.000 min

Lab File: VD069759.D

Acq: 20 Jul 2021 09:45

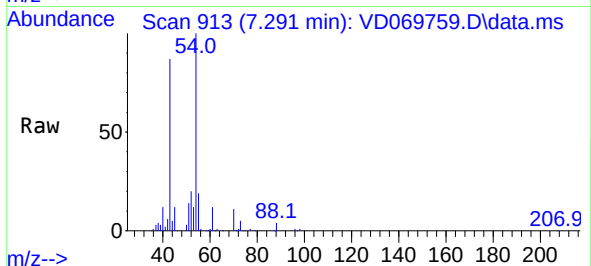
Tgt Ion:	75	Resp:	596359
Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.7	50.0
77	30.7	25.3	37.9





#37
Ethyl Acetate
Concen: 54.605 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

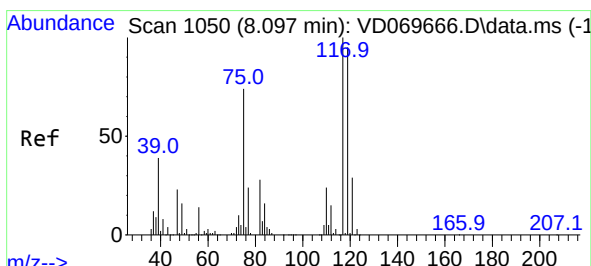
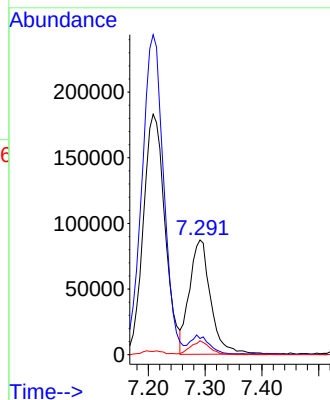
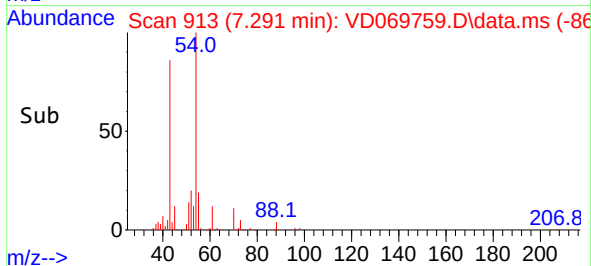
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



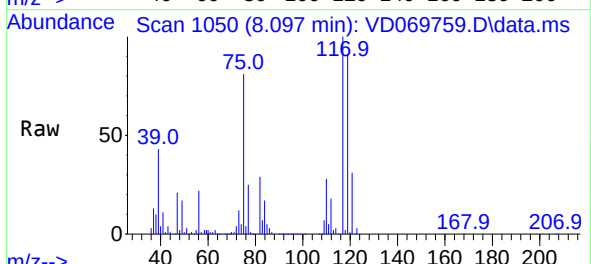
Tgt Ion: 43 Resp: 224676
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 11.0 8.4 12.6

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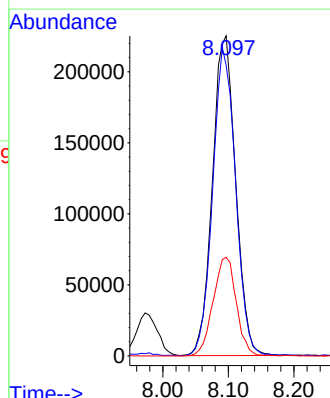
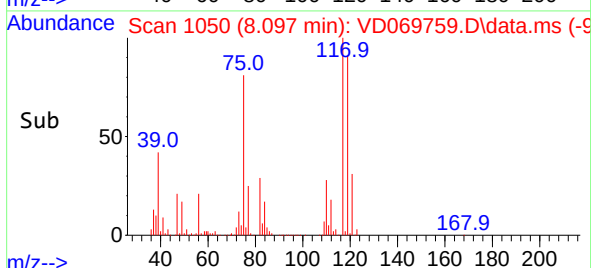
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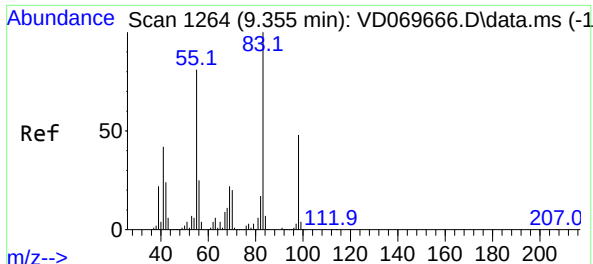


#38
Carbon Tetrachloride
Concen: 55.515 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

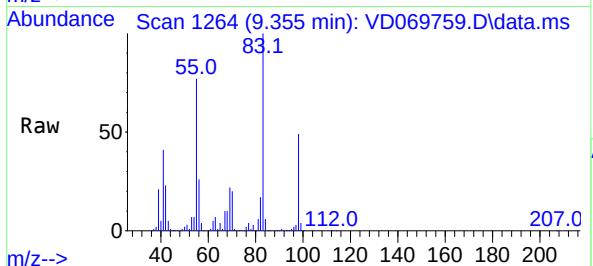


Tgt Ion: 117 Resp: 552954
Ion Ratio Lower Upper
117 100
119 90.9 75.7 113.5
121 30.9 23.0 34.6

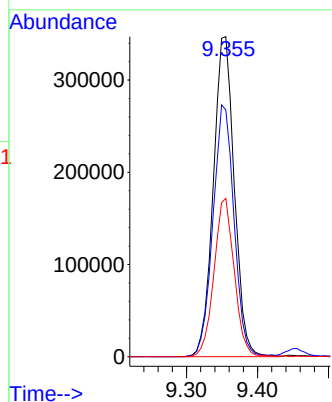




#39
Methylcyclohexane
Concen: 54.596 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



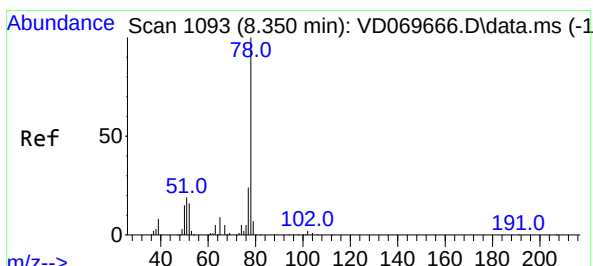
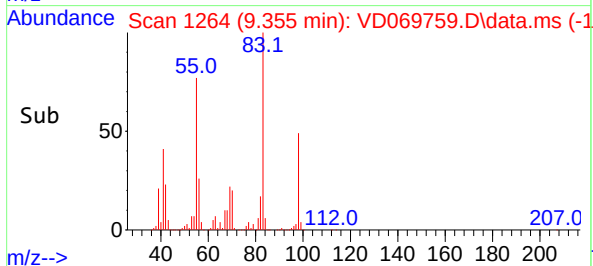
Tgt Ion: 83 Resp: 711823
Ion Ratio Lower Upper
83 100
55 77.1 64.6 97.0
98 49.5 38.4 57.6



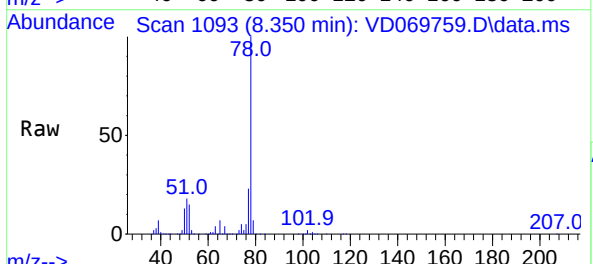
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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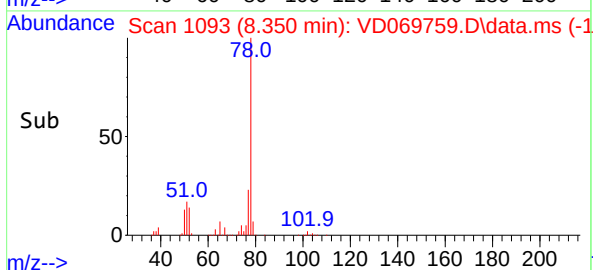
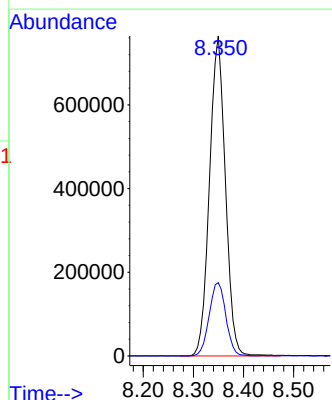
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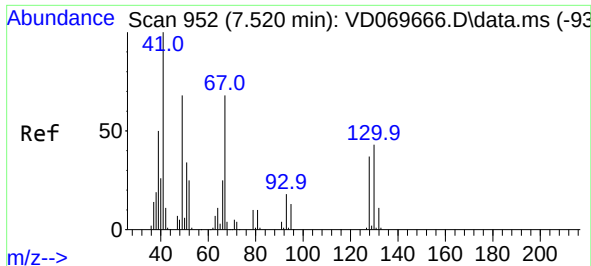


#40
Benzene
Concen: 53.632 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

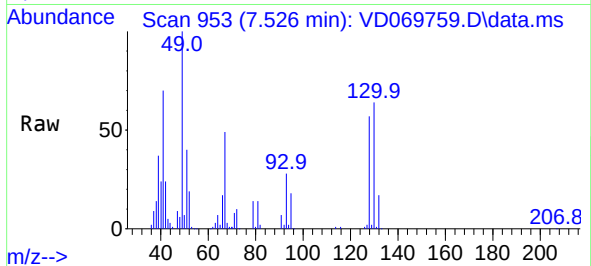


Tgt Ion: 78 Resp: 1682613
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0

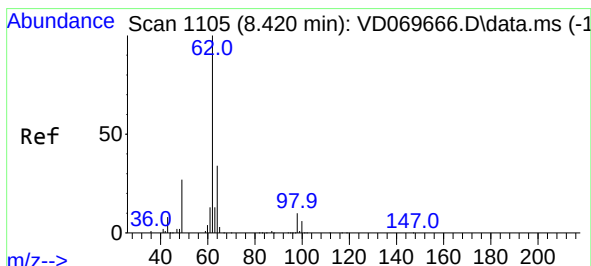
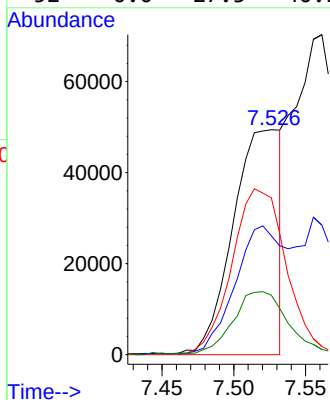
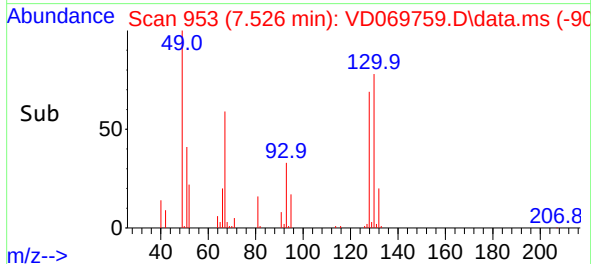




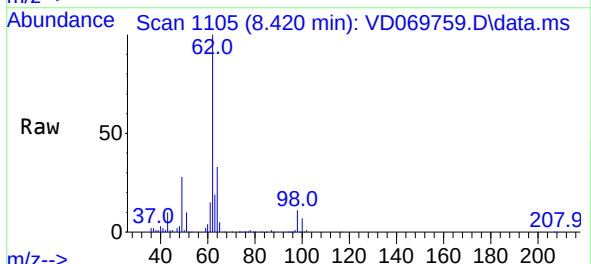
#41
Methacrylonitrile
Concen: 53.861 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



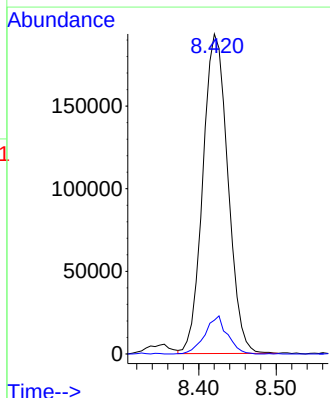
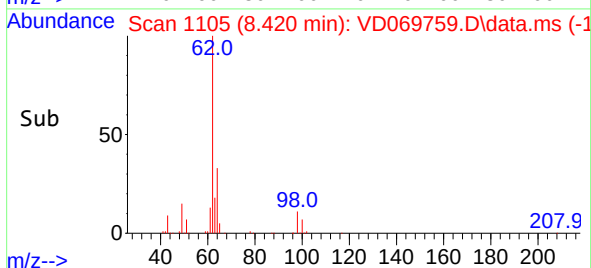
Tgt Ion: 41 Resp: 114852
Ion Ratio Lower Upper
41 100
39 0.0 47.4 71.0#
67 0.0 67.0 100.6#
52 0.0 27.3 40.9#



#42
1,2-Dichloroethane
Concen: 51.059 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



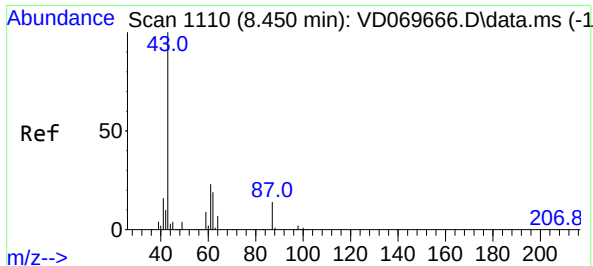
Tgt Ion: 62 Resp: 434798
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

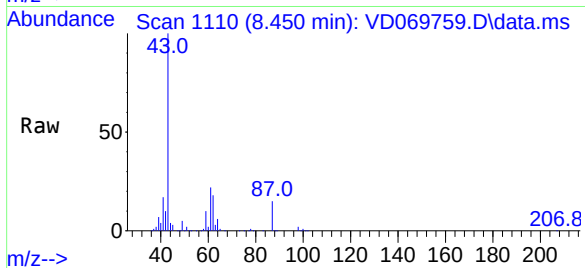
Manual Integrations
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7/21/2021 5:52:10 PM



#43
Isopropyl Acetate
Concen: 51.952 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

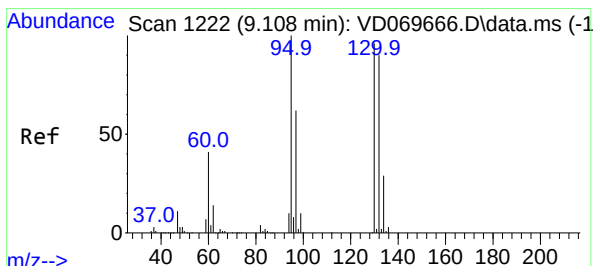
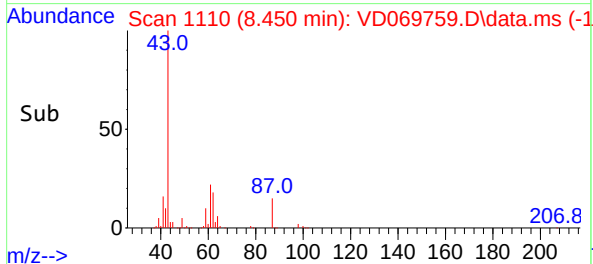
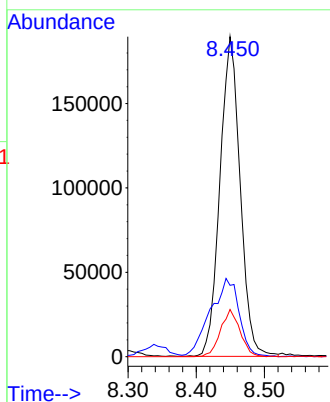
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 391450
Ion Ratio Lower Upper
43 100
61 34.9 27.8 41.6
87 14.2 11.0 16.6

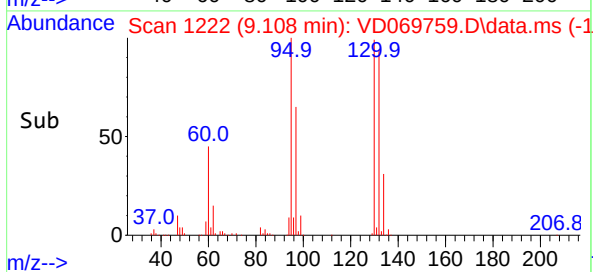
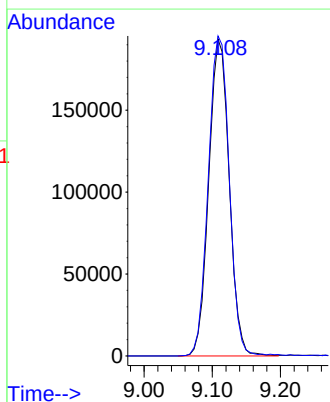
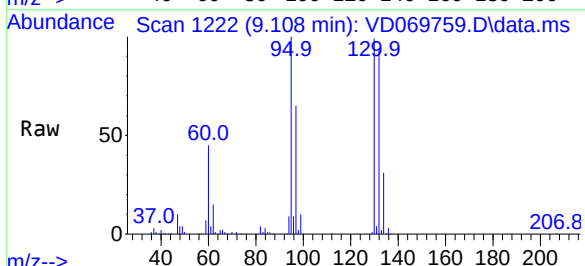
Manual Integrations
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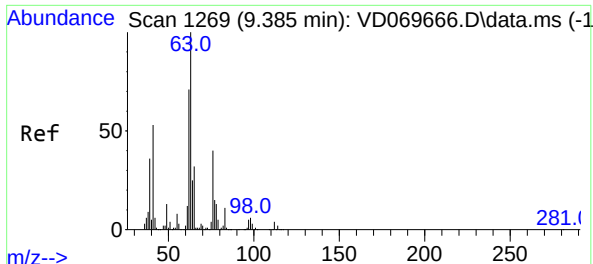
MMDadoda
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#44
Trichloroethene
Concen: 53.042 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:130 Resp: 403524
Ion Ratio Lower Upper
130 100
95 101.0 0.0 208.2





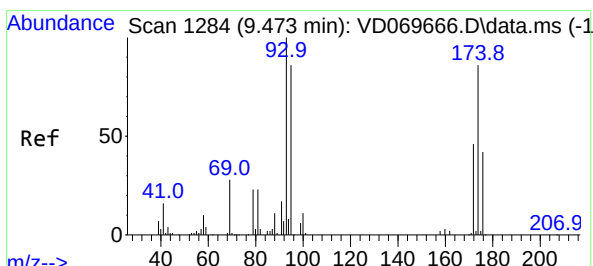
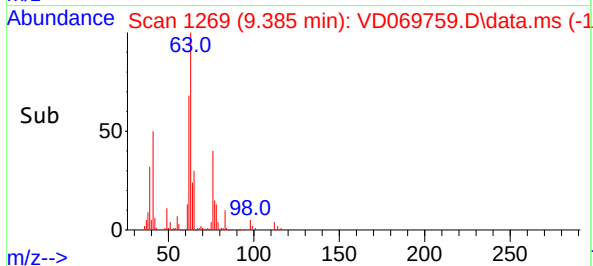
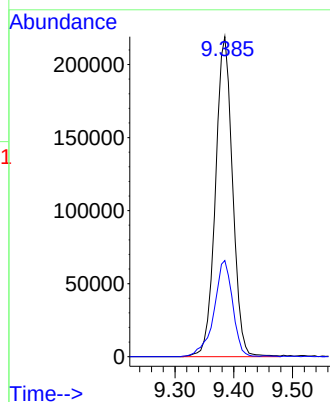
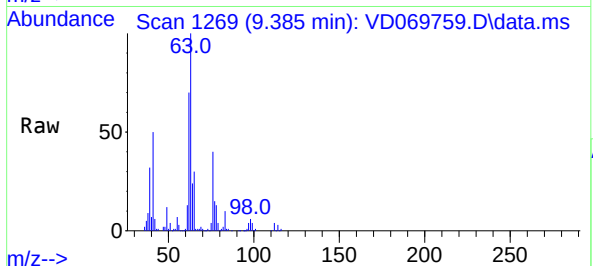
#45
1,2-Dichloropropane
Concen: 53.694 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 63 Resp: 442763
Ion Ratio Lower Upper
63 100
65 30.1 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

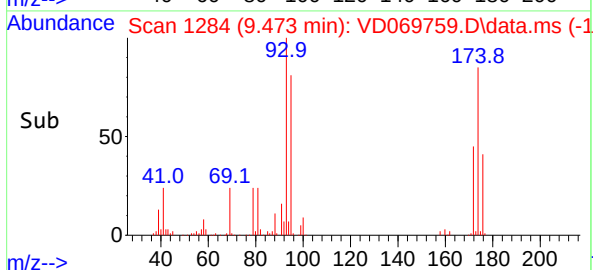
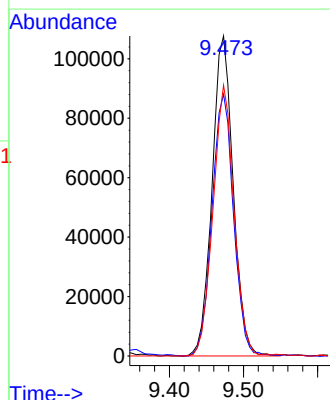
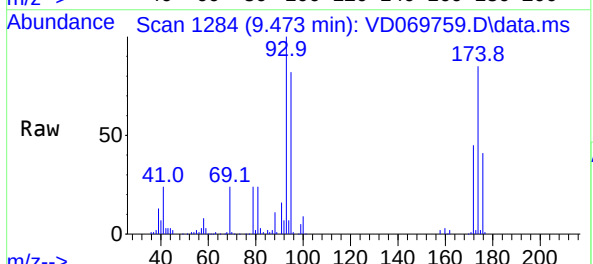
Manual Integrations
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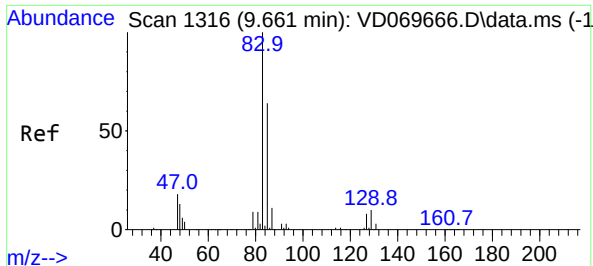
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#46
Dibromomethane
Concen: 52.800 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 93 Resp: 212498
Ion Ratio Lower Upper
93 100
95 83.8 66.3 99.5
174 84.5 67.0 100.6





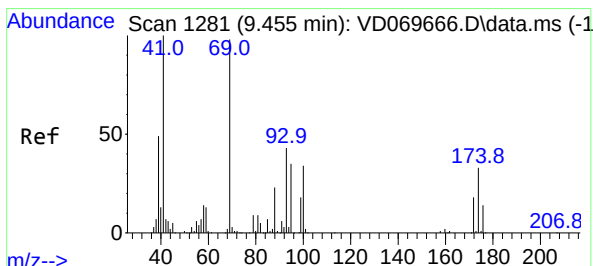
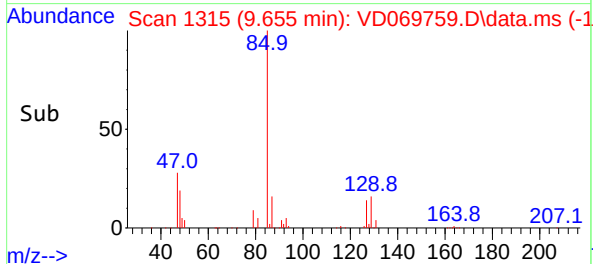
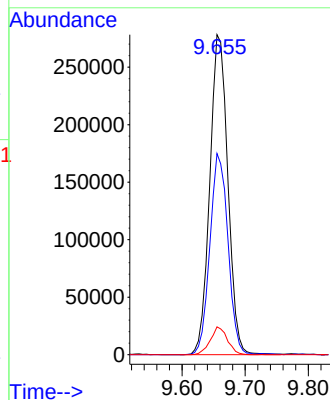
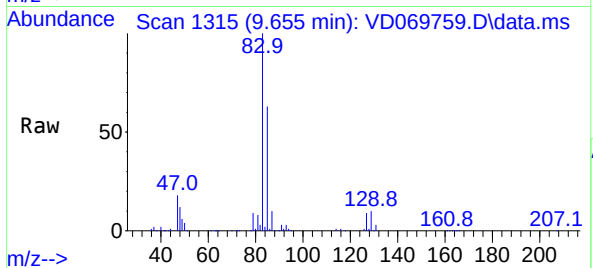
#47
Bromodichloromethane
Concen: 51.876 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 83 Resp: 553320
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0
127 8.7 6.7 10.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

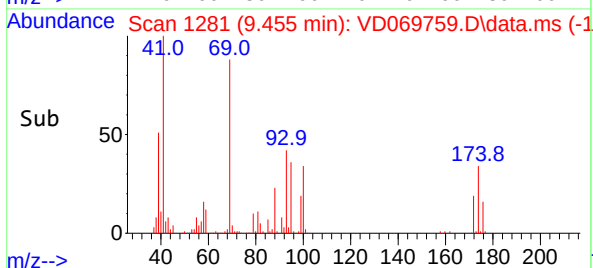
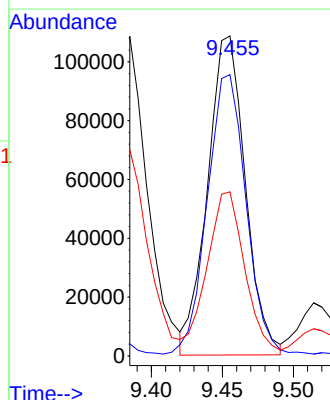
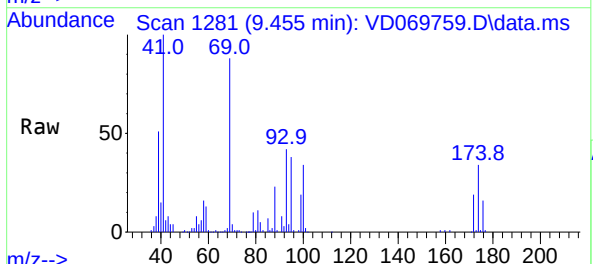
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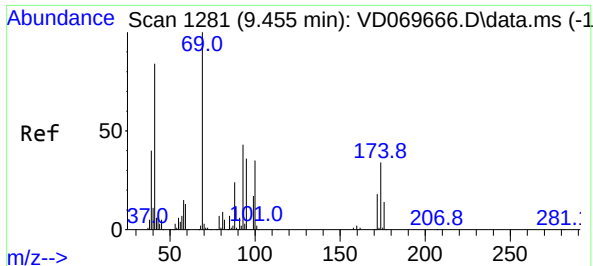
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#48
Methyl methacrylate
Concen: 51.260 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 41 Resp: 200601
Ion Ratio Lower Upper
41 100
69 90.1 71.6 107.4
39 48.1 36.7 55.1





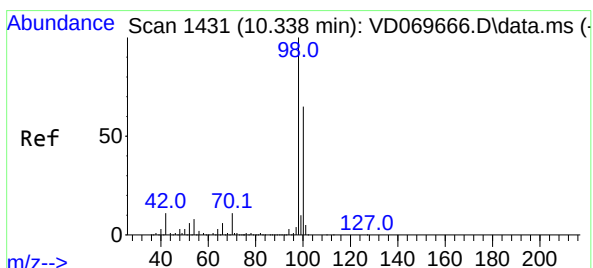
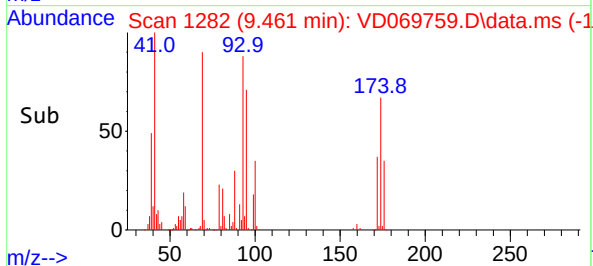
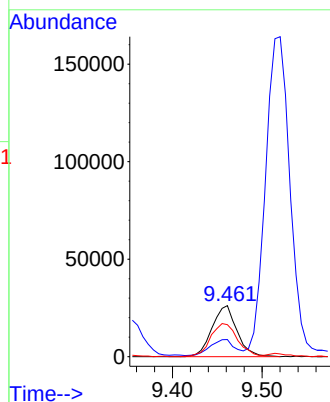
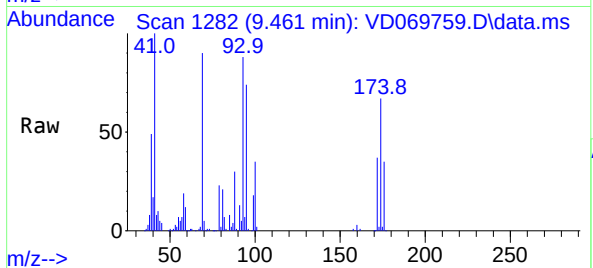
#49
1,4-Dioxane
Concen: 969.783 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 88 Resp: 50355
Ion Ratio Lower Upper
88 100
43 32.1 25.3 37.9
58 70.5 62.6 94.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

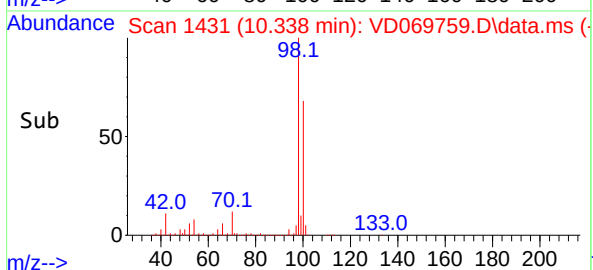
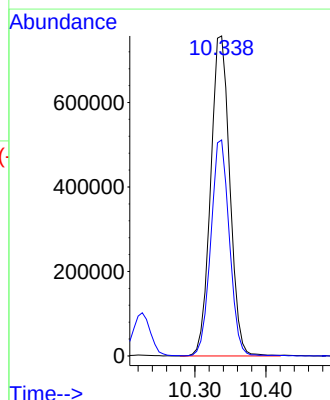
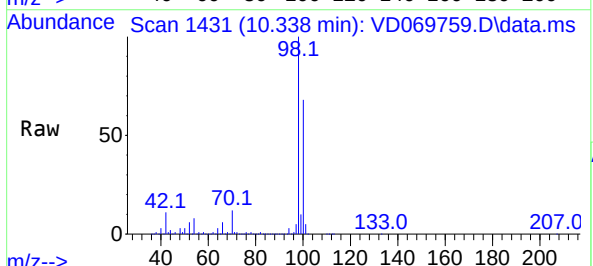
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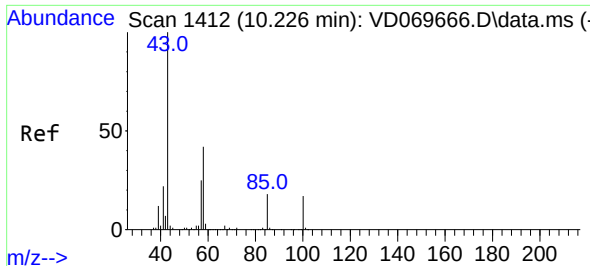
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#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 98 Resp: 1417330
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





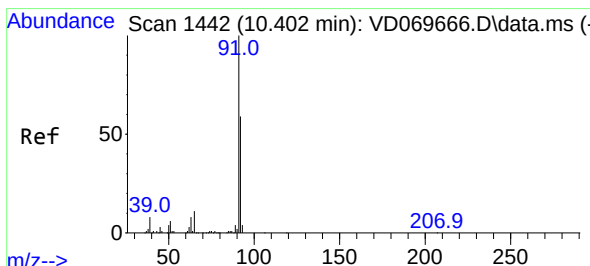
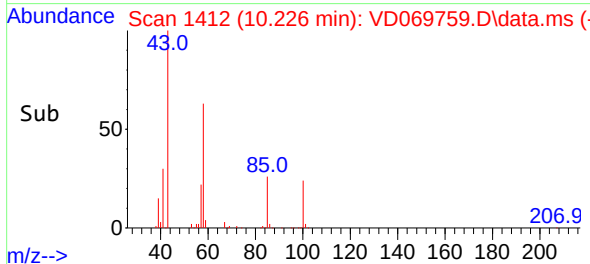
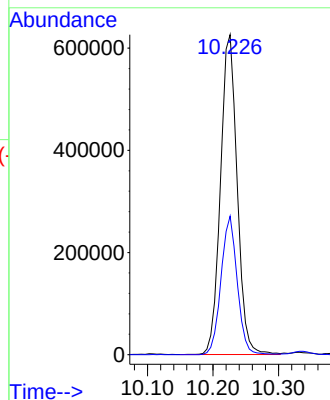
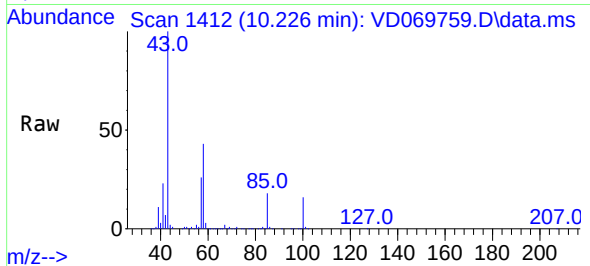
#51
4-Methyl-2-Pentanone
Concen: 282.678 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 43 Resp: 1102989
Ion Ratio Lower Upper
43 100
58 42.1 33.5 50.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

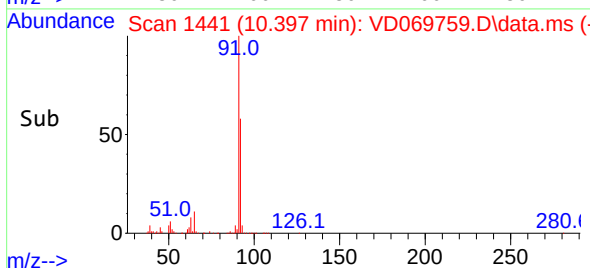
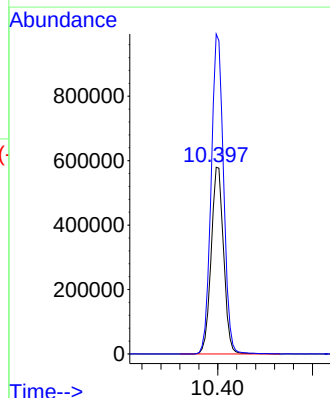
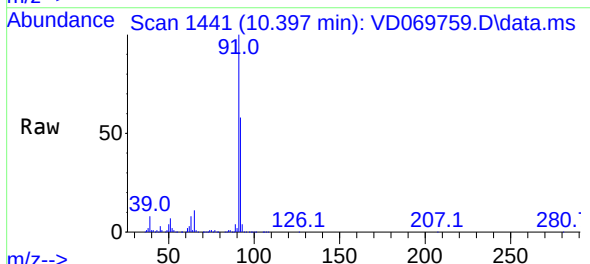
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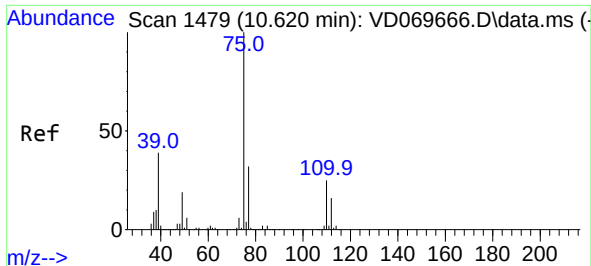
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#52
Toluene
Concen: 55.960 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.005 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 92 Resp: 1055985
Ion Ratio Lower Upper
92 100
91 171.2 137.6 206.4





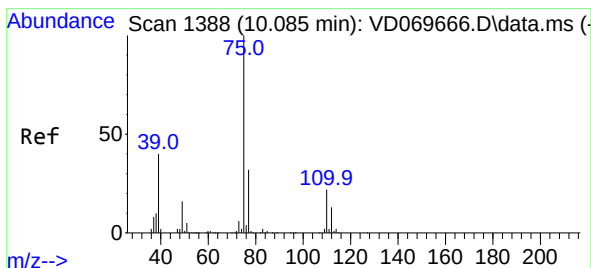
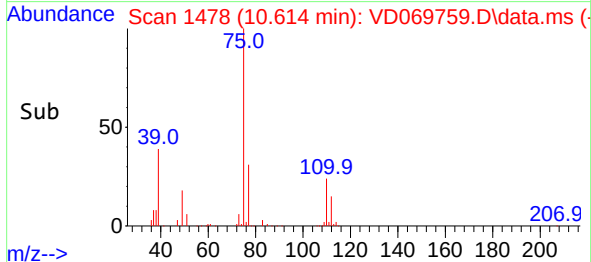
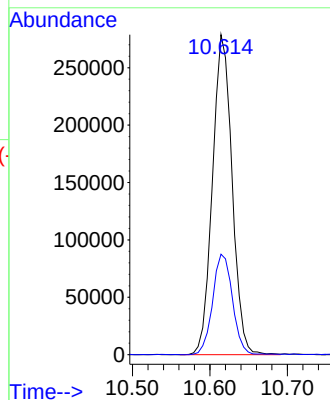
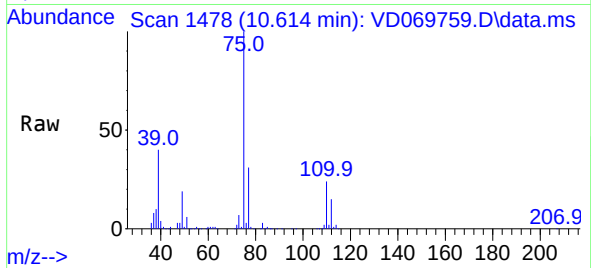
#53
t-1,3-Dichloropropene
Concen: 54.635 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 75 Resp: 489884
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

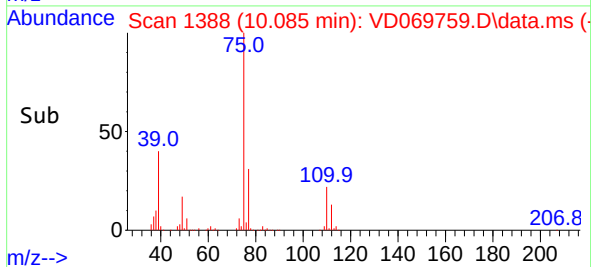
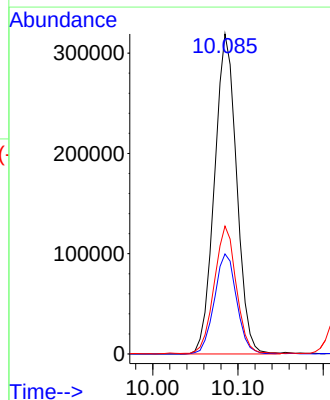
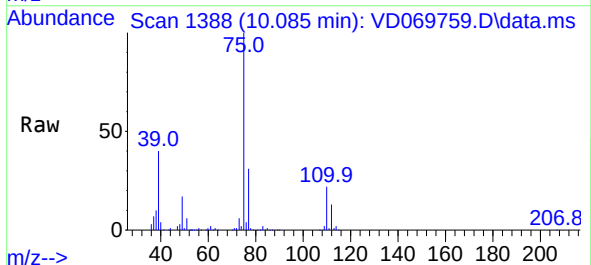
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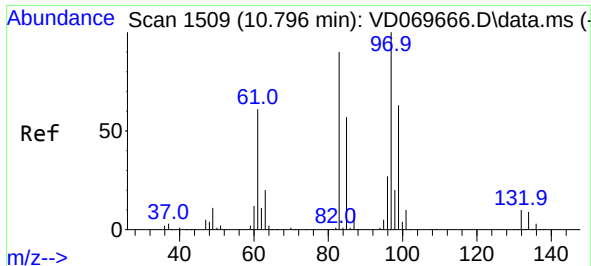
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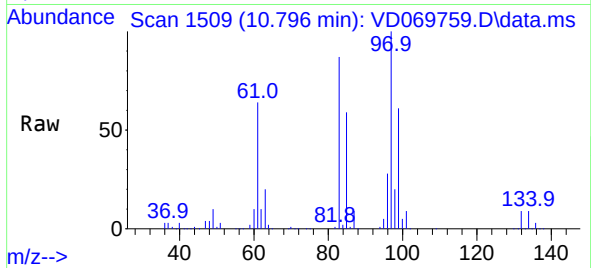
#54
cis-1,3-Dichloropropene
Concen: 52.285 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 75 Resp: 575689
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 39.8 32.0 48.0



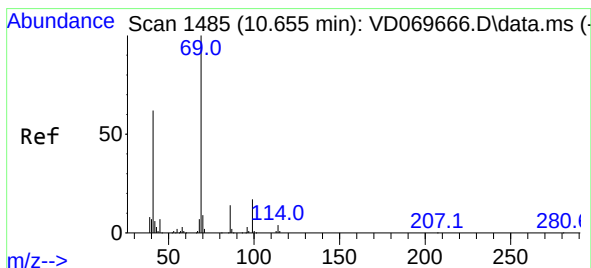
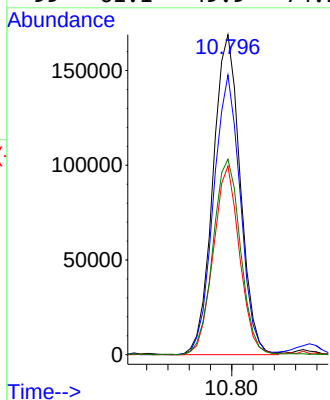
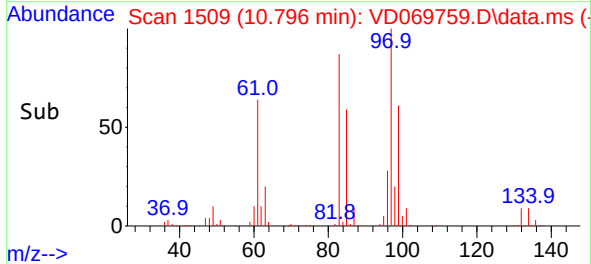


#55
1,1,2-Trichloroethane
Concen: 53.197 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

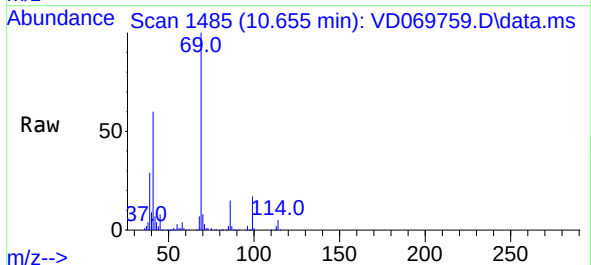


Tgt Ion: 97 Resp: 299484

Ion	Ratio	Lower	Upper
97	100		
83	87.3	72.3	108.5
85	58.9	45.5	68.3
99	61.1	49.9	74.9

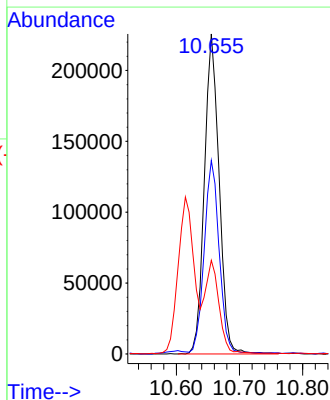
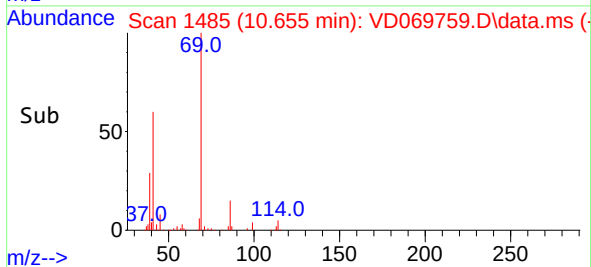


#56
Ethyl methacrylate
Concen: 50.992 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 69 Resp: 367018

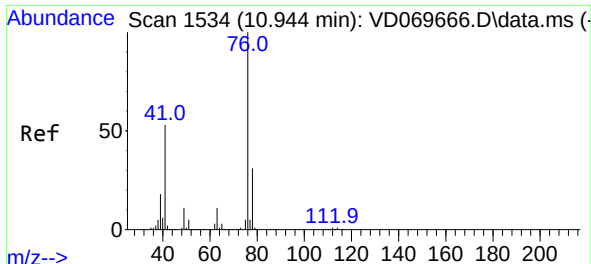
Ion	Ratio	Lower	Upper
69	100		
41	61.1	49.5	74.3
39	27.5	22.5	33.7



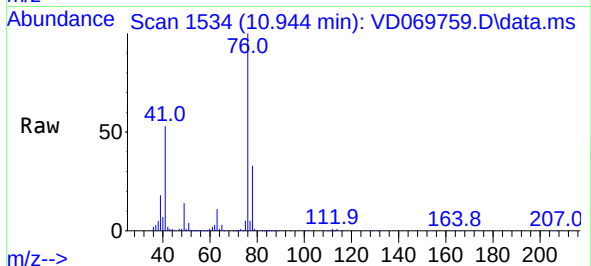
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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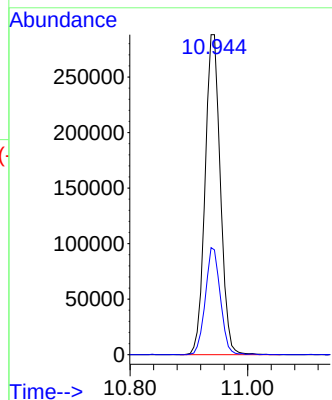
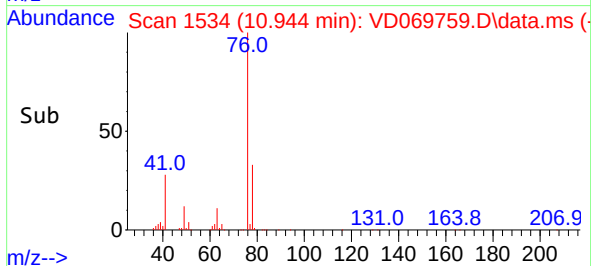
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#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



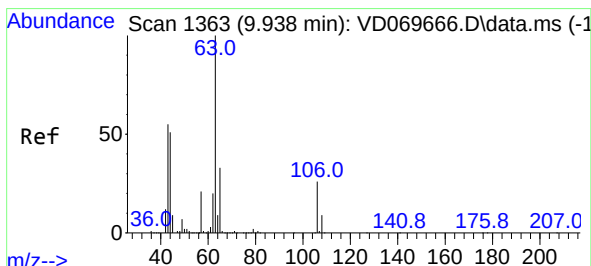
Tgt Ion: 76 Resp: 521722
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



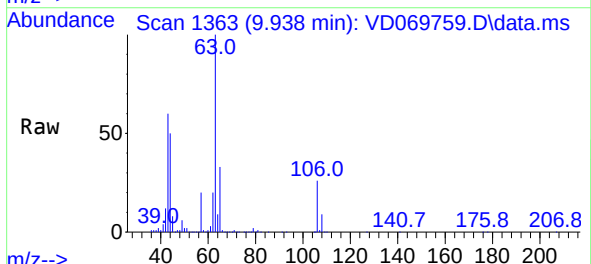
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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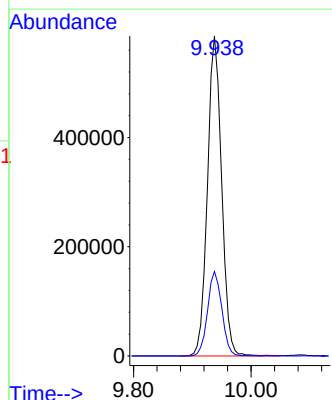
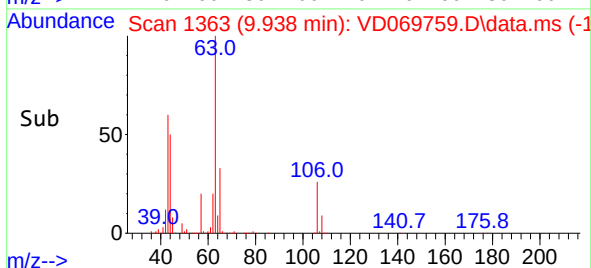
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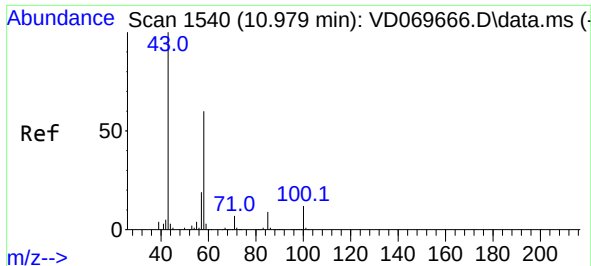


#58
2-Chloroethyl Vinyl ether
Concen: 303.609 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

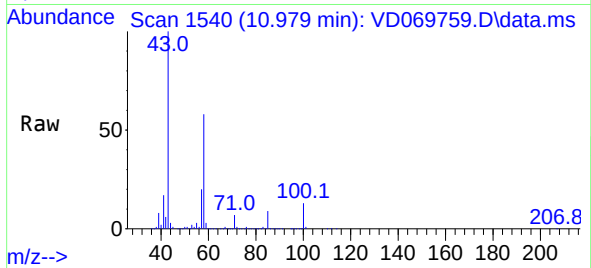


Tgt Ion: 63 Resp: 979897
Ion Ratio Lower Upper
63 100
106 26.6 21.1 31.7

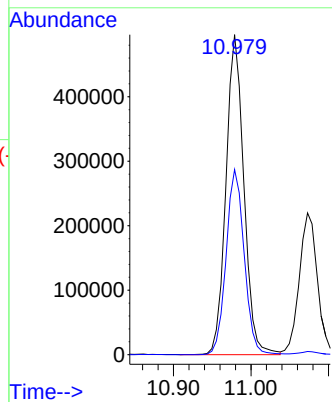
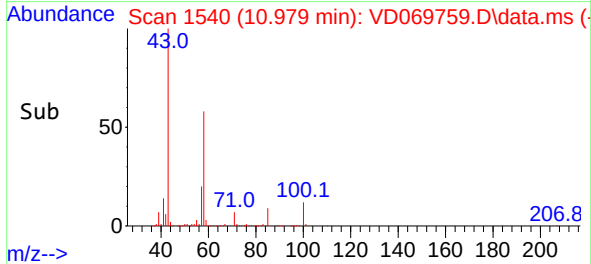




#59
2-Hexanone
Concen: 307.086 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



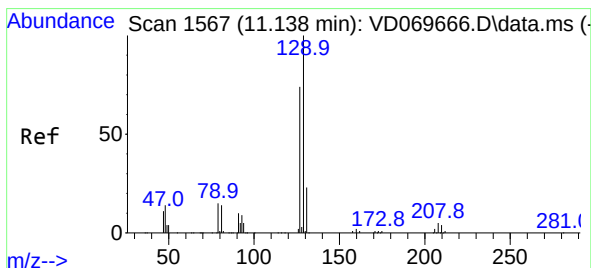
Tgt Ion: 43 Resp: 798656
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.4



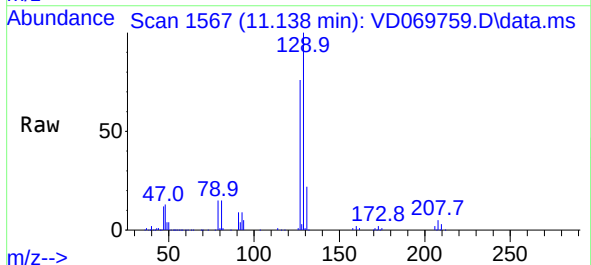
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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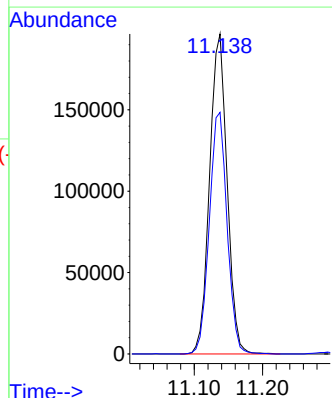
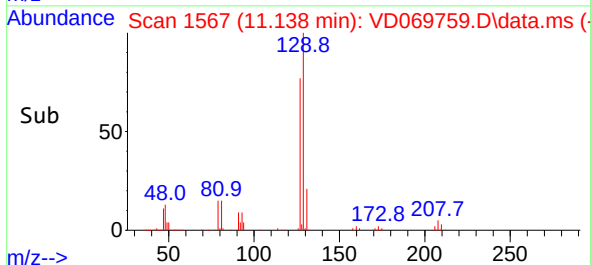
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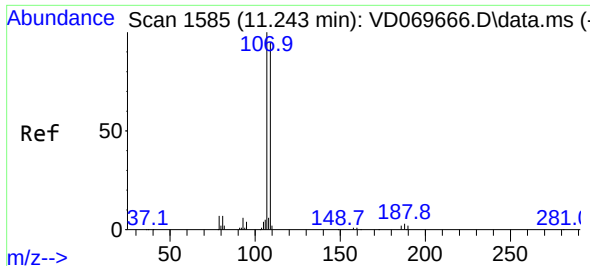


#60
Dibromochloromethane
Concen: 53.500 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 129 Resp: 351369
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





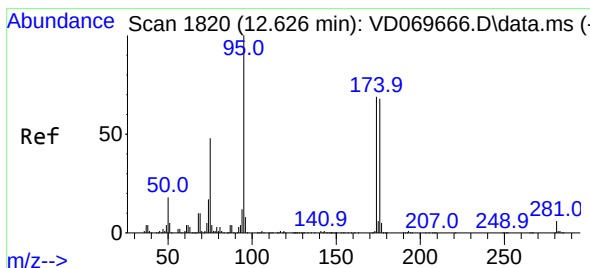
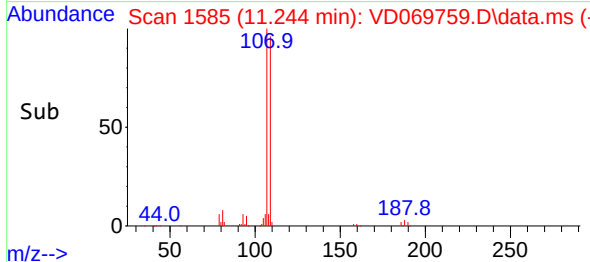
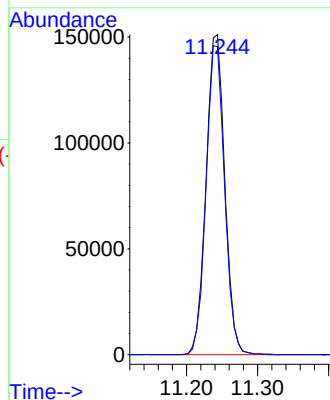
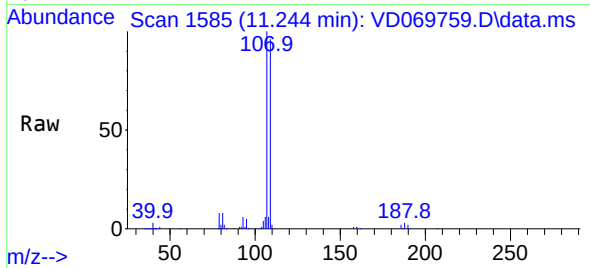
#61
1,2-Dibromoethane
Concen: 53.135 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.001 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:107 Resp: 277536
Ion Ratio Lower Upper
107 100
109 95.1 74.7 112.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

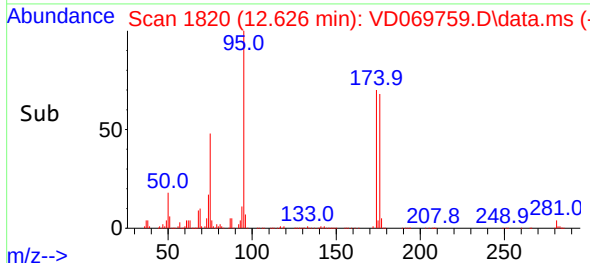
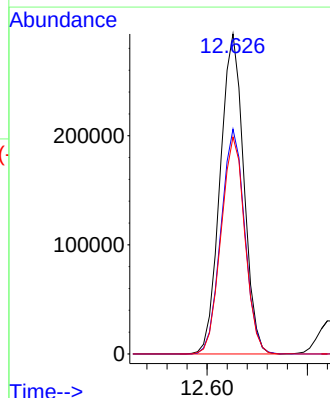
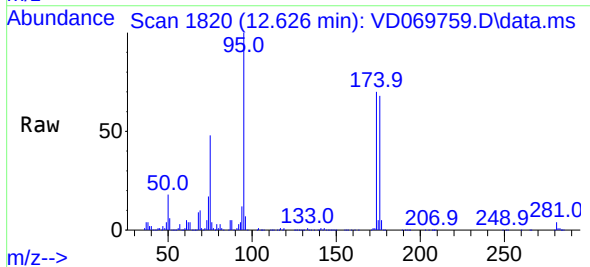
Manual Integrations
APPROVED

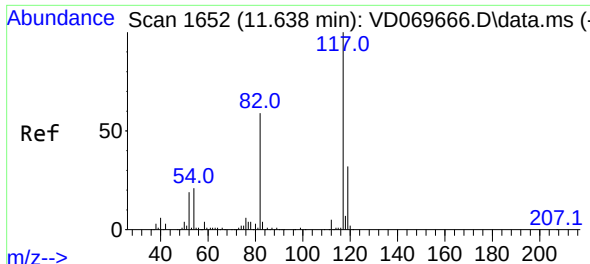
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#62
4-Bromofluorobenzene
Concen: 52.197 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

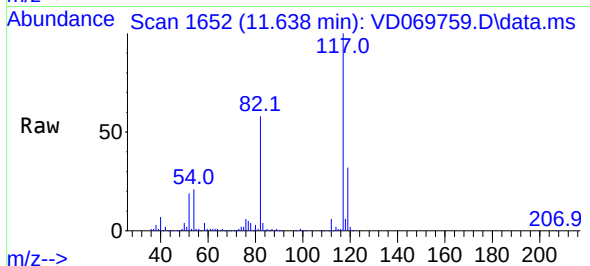
Tgt Ion: 95 Resp: 478385
Ion Ratio Lower Upper
95 100
174 70.7 0.0 140.0
176 68.2 0.0 136.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

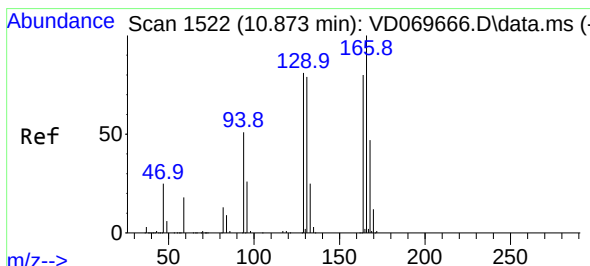
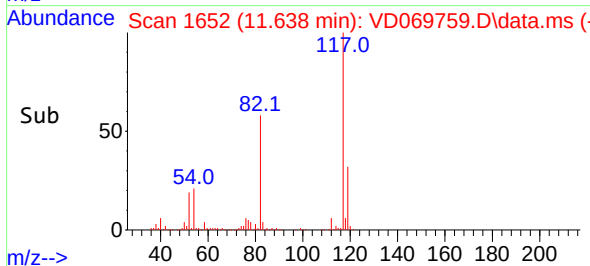
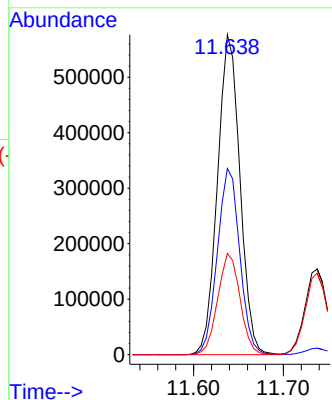


Tgt Ion:117 Resp: 1002162

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	31.6	25.5	38.3

Manual Integrations
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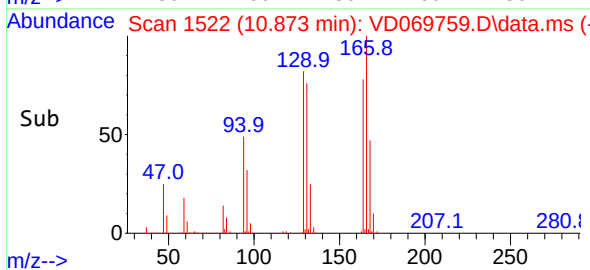
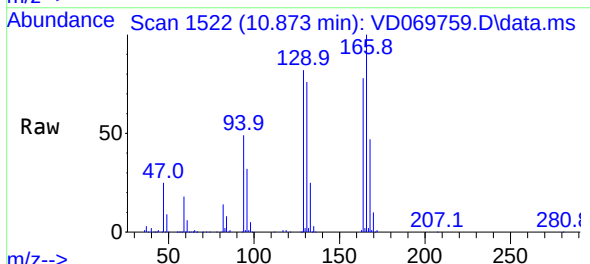
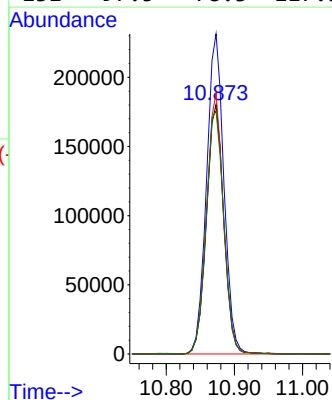
MMDadoda
7/21/2021 5:52:10 PM

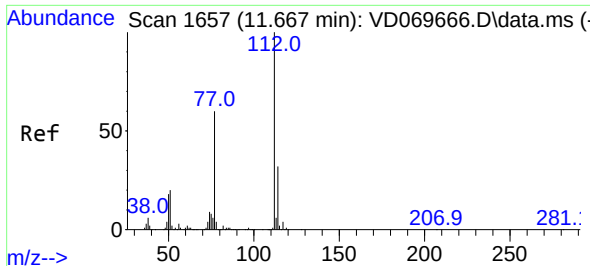


#64
Tetrachloroethene
Concen: 52.144 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:164 Resp: 319113

Ion	Ratio	Lower	Upper
164	100		
166	128.4	99.6	149.4
129	104.7	80.8	121.2
131	97.5	78.3	117.5





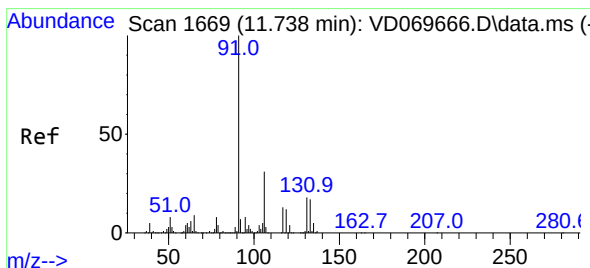
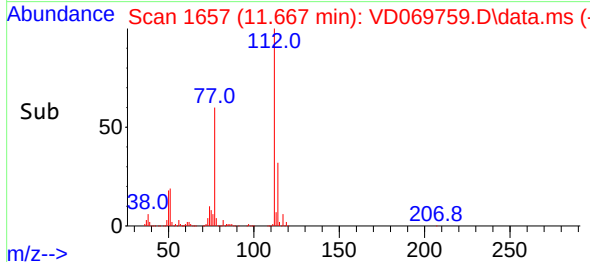
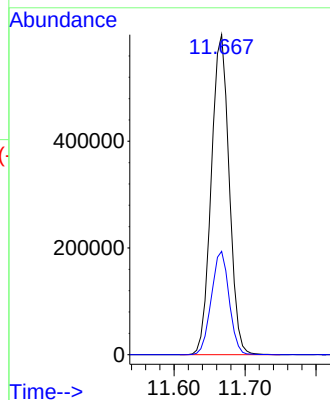
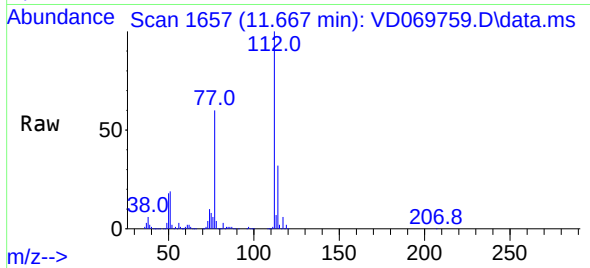
#65
Chlorobenzene
Concen: 52.257 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:112 Resp: 1046177
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

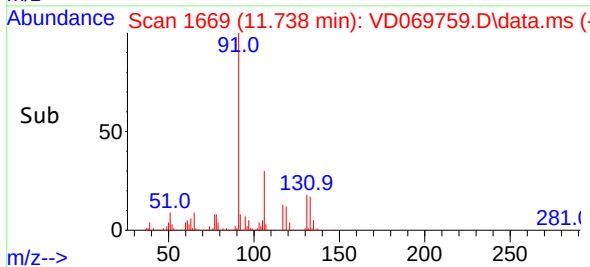
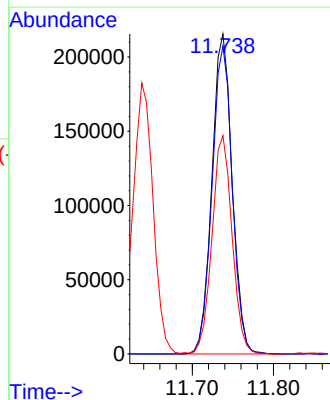
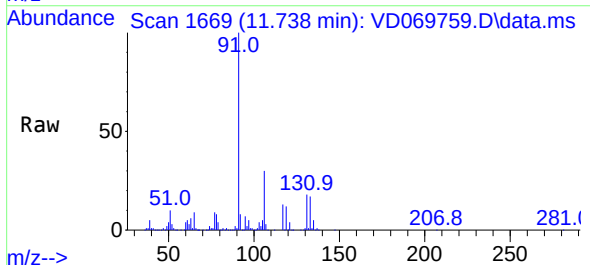
Manual Integrations
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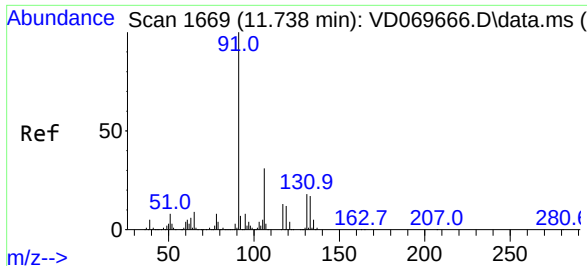
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.126 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:131 Resp: 372776
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 67.9 33.9 101.6





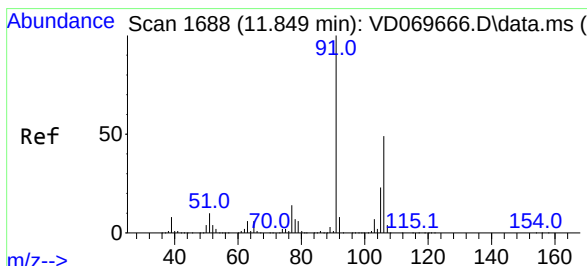
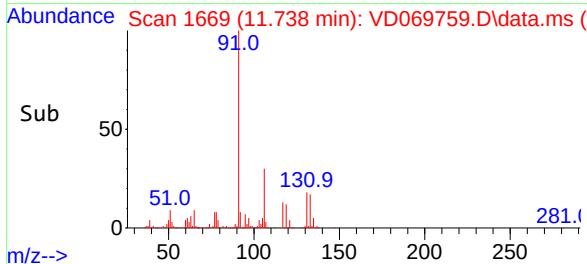
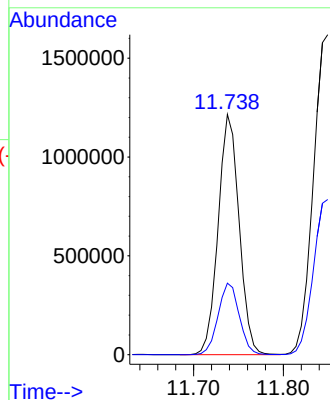
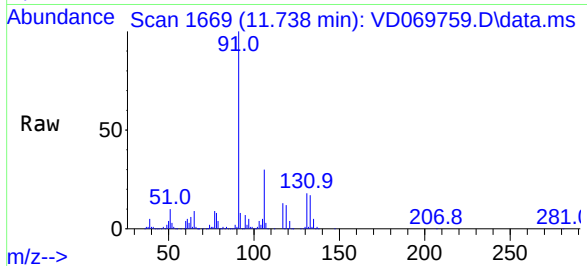
#67
Ethyl Benzene
Concen: 55.574 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 91 Resp: 1970210
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

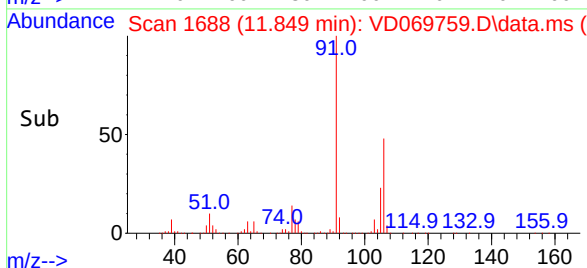
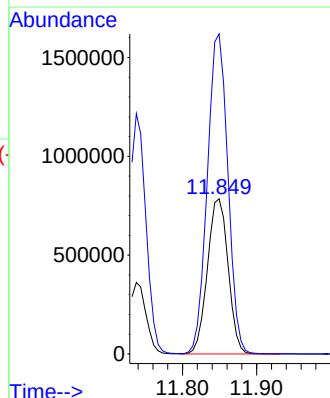
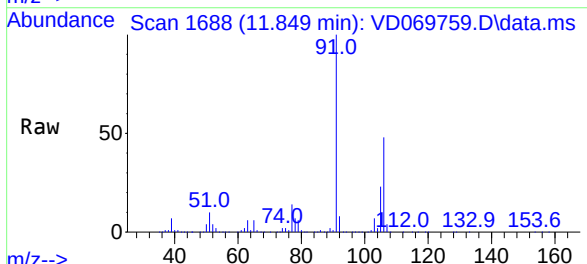
Manual Integrations
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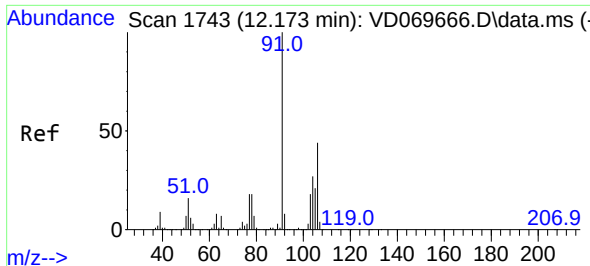
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#68
m/p-Xylenes
Concen: 113.728 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

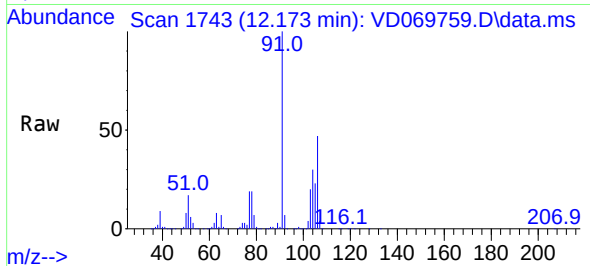
Tgt Ion:106 Resp: 1524628
Ion Ratio Lower Upper
106 100
91 204.9 164.5 246.7





#69
o-Xylene
Concen: 56.322 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

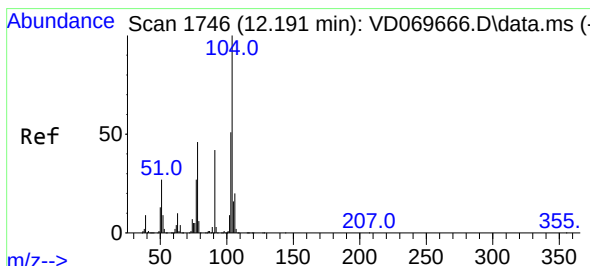
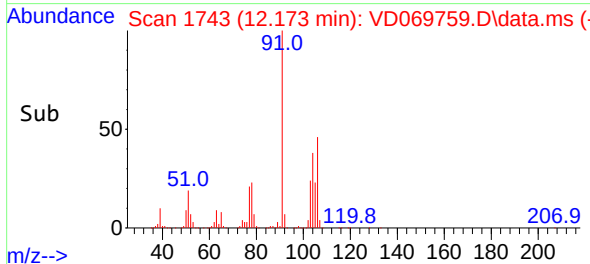
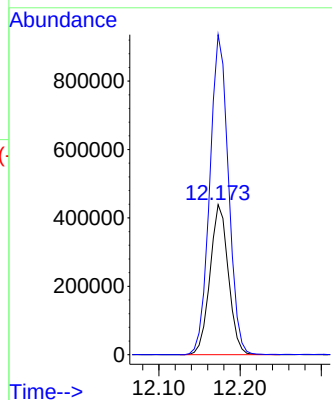
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



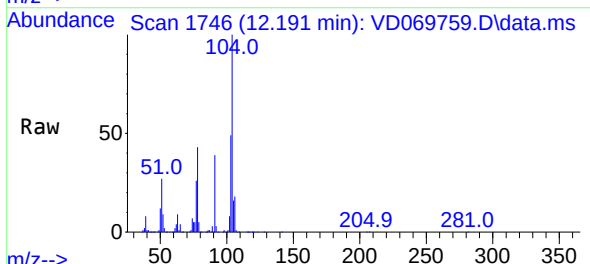
Tgt Ion:106 Resp: 687541
Ion Ratio Lower Upper
106 100
91 217.3 109.3 327.9

Manual Integrations
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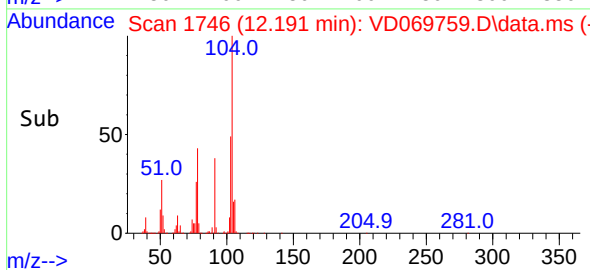
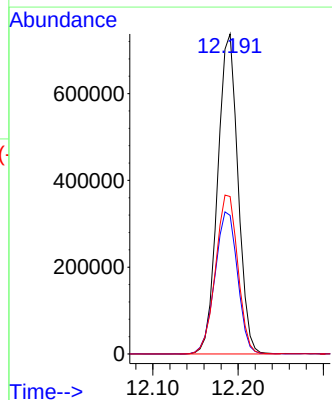
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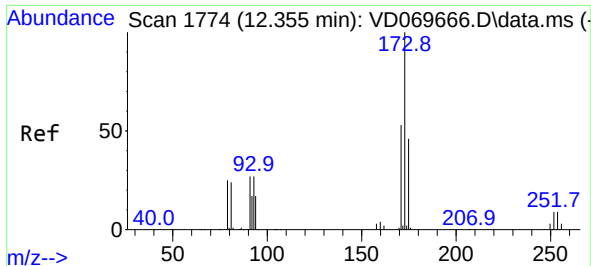


#70
Styrene
Concen: 57.339 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion:104 Resp: 1221480
Ion Ratio Lower Upper
104 100
78 49.5 40.4 60.6
103 54.6 43.9 65.9





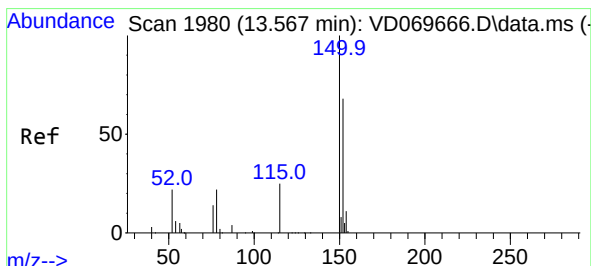
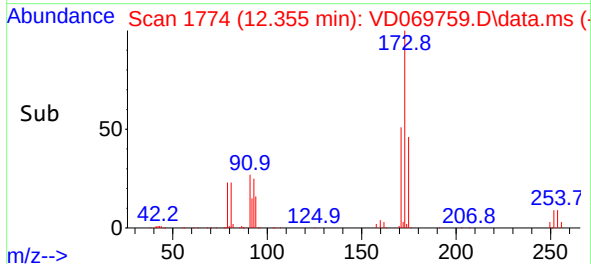
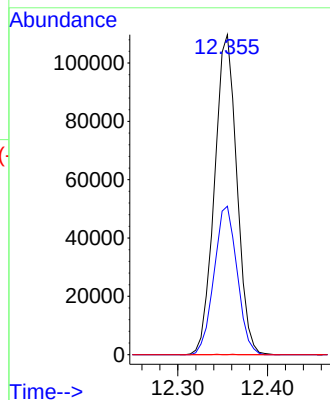
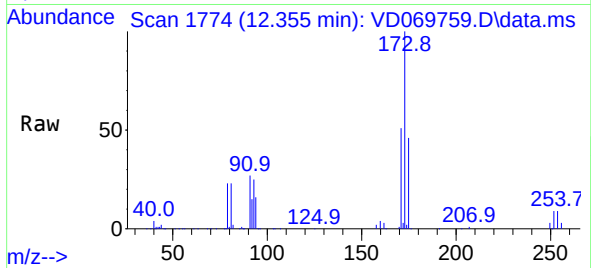
#71
Bromoform
Concen: 54.612 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:173 Resp: 189354
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.1 0.1#

Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

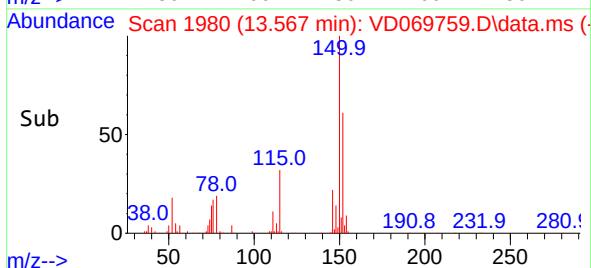
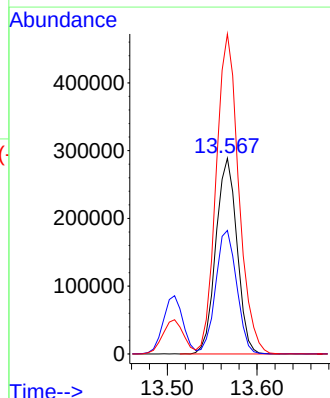
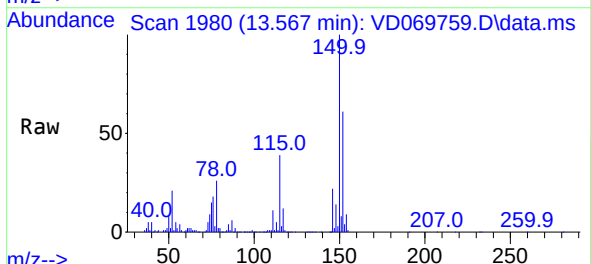
Manual Integrations
APPROVED

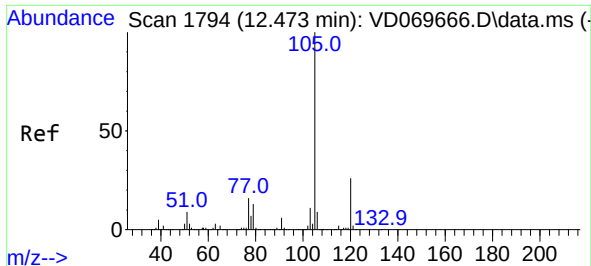
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

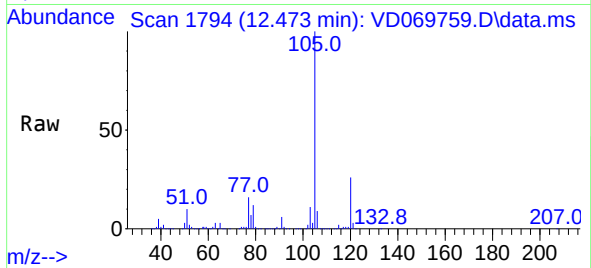
Tgt Ion:152 Resp: 472137
Ion Ratio Lower Upper
152 100
115 63.1 31.7 95.1
150 174.7 0.0 350.4





#73
Isopropylbenzene
Concen: 55.126 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

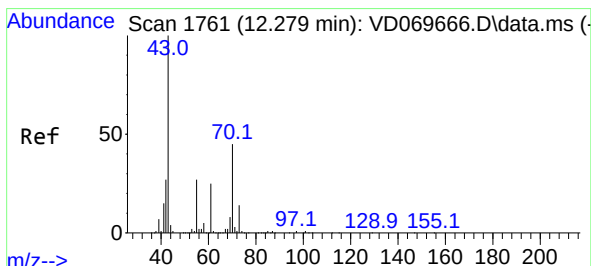
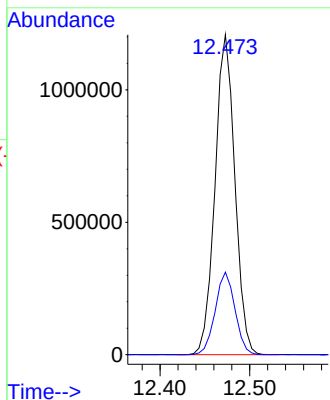
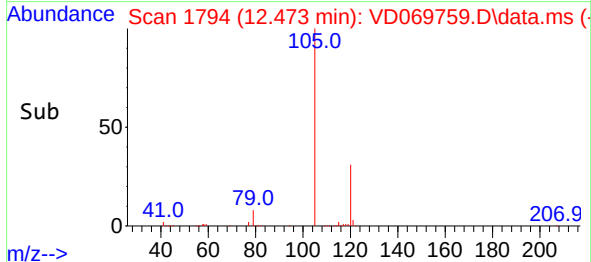
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



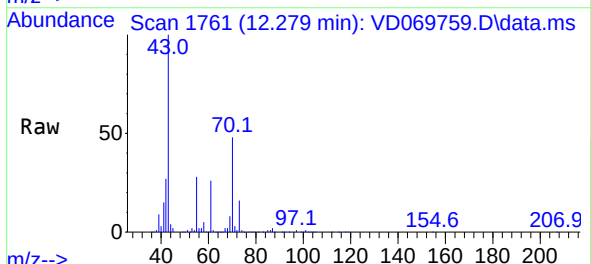
Tgt Ion:105 Resp: 1853226
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0

Manual Integrations
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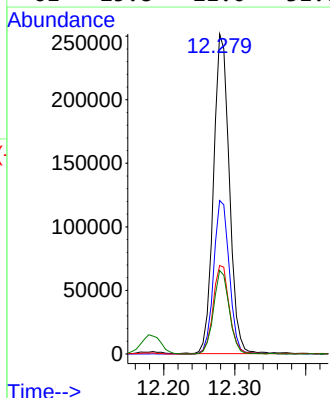
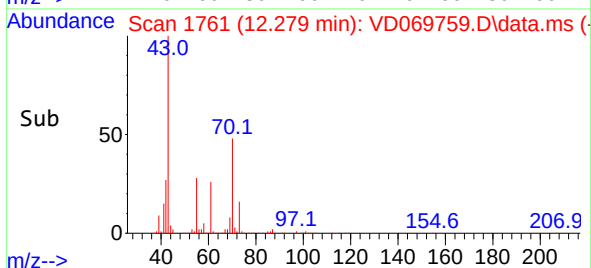
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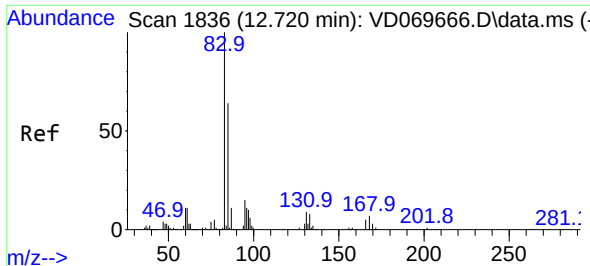


#74
N-ethyl acetate
Concen: 53.132 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



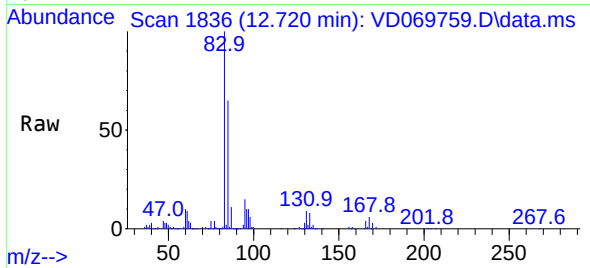
Tgt Ion: 43 Resp: 388140
Ion Ratio Lower Upper
43 100
70 47.5 36.9 55.3
55 28.4 22.4 33.6
61 25.8 21.0 31.6





#75
1,1,2,2-Tetrachloroethane
Concen: 50.337 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

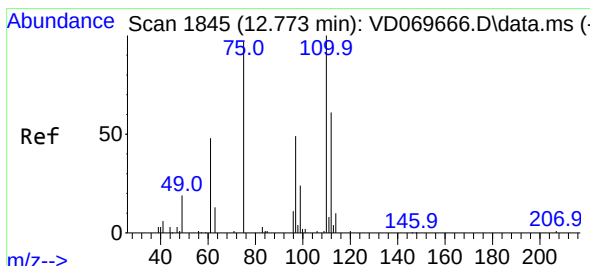
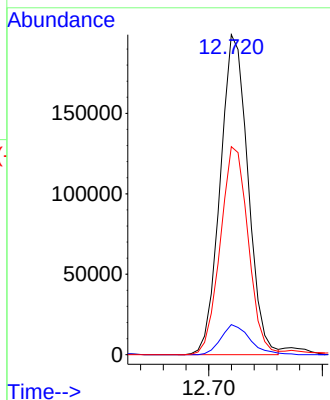
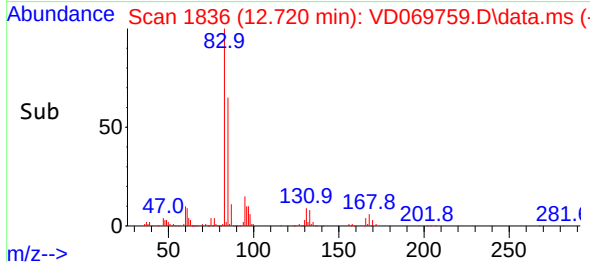
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



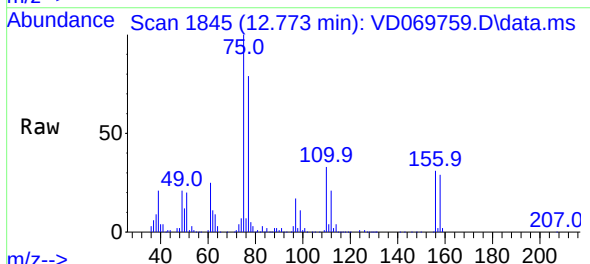
Tgt Ion: 83 Resp: 337067
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 65.7 32.6 97.7

Manual Integrations
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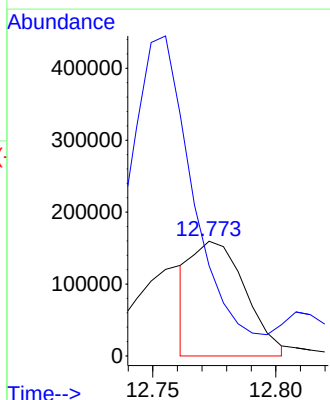
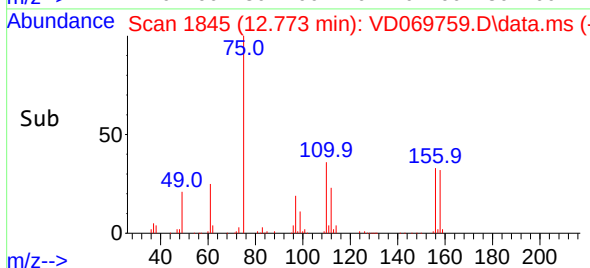
MMDadoda
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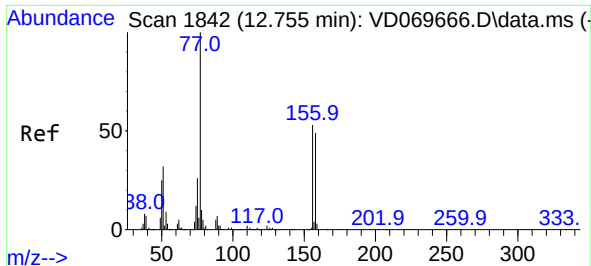


#76
1,2,3-Trichloropropane
Concen: 52.730 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

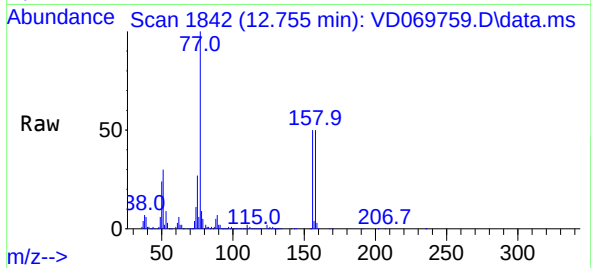


Tgt Ion: 75 Resp: 241854
Ion Ratio Lower Upper
75 100
77 343.8 0.0 0.0#

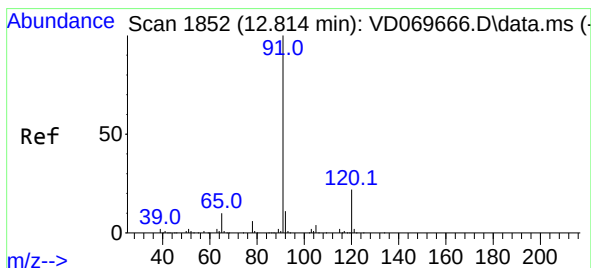
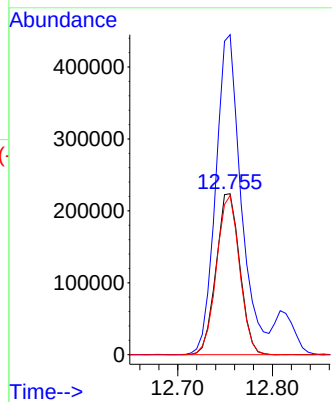
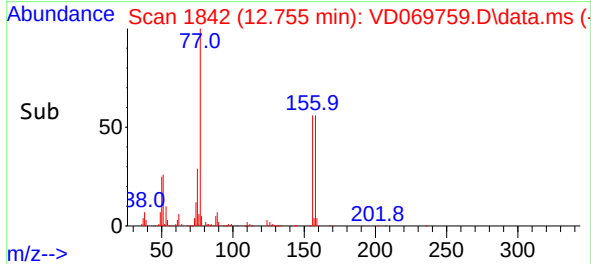




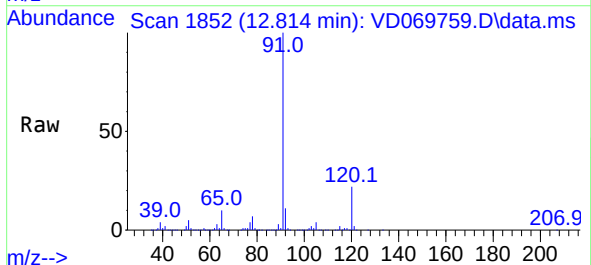
#77
Bromobenzene
Concen: 52.051 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



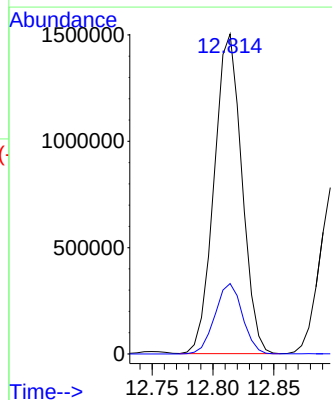
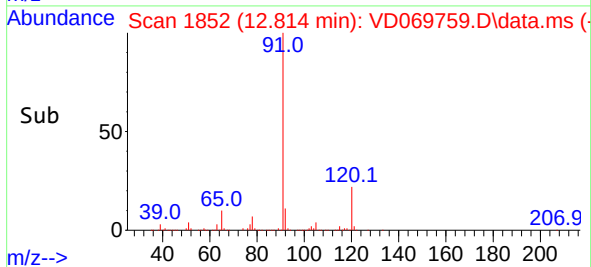
Tgt Ion:156 Resp: 388227
Ion Ratio Lower Upper
156 100
77 214.2 106.5 319.4
158 96.7 48.0 144.2



#78
n-propylbenzene
Concen: 55.819 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



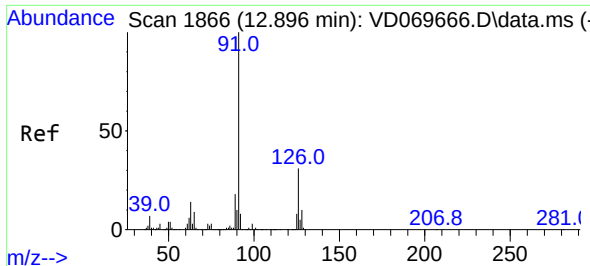
Tgt Ion: 91 Resp: 2379401
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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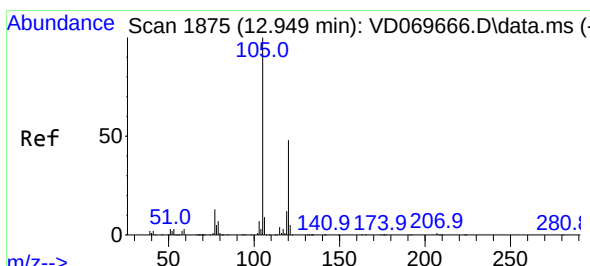
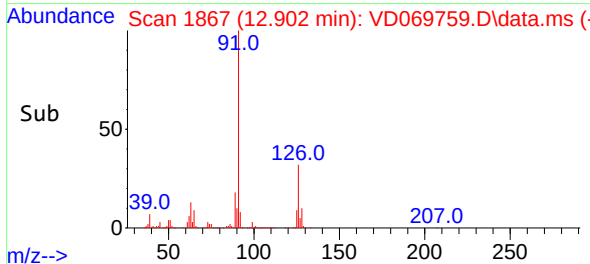
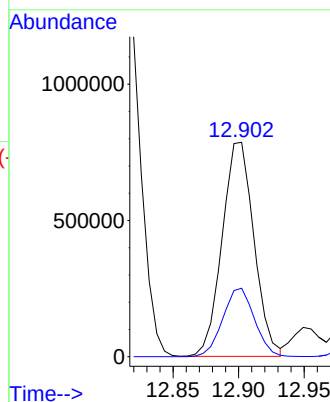
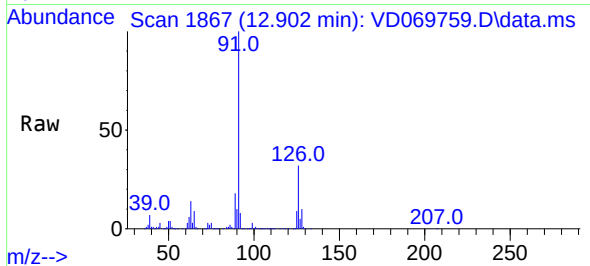
#79
2-Chlorotoluene
Concen: 53.076 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1330078
Ion Ratio Lower Upper
91 100
126 31.8 16.0 48.0

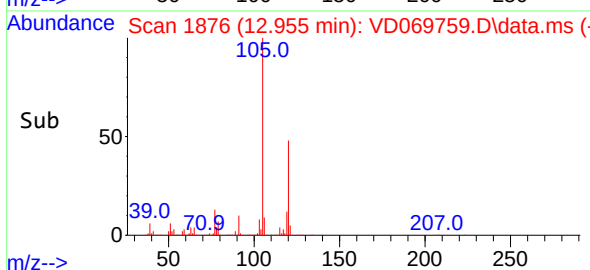
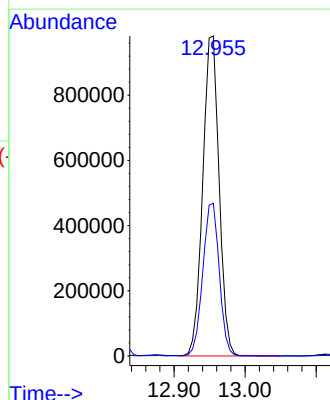
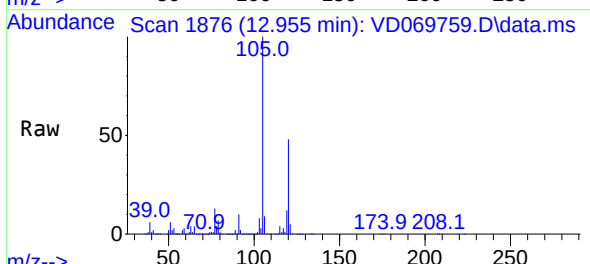
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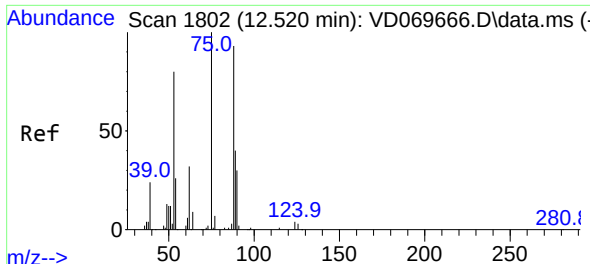
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#80
1,3,5-Trimethylbenzene
Concen: 55.275 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

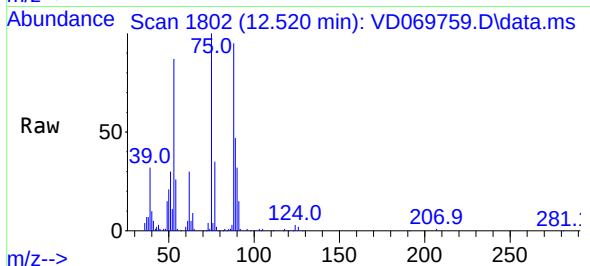
Tgt Ion: 105 Resp: 1576099
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.550 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

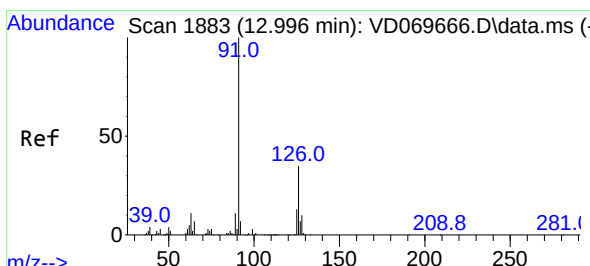
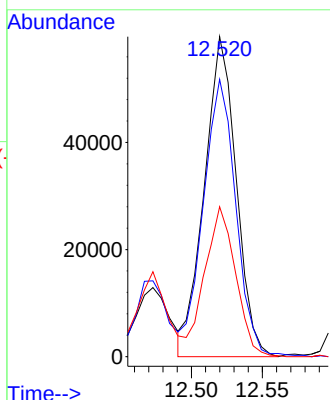
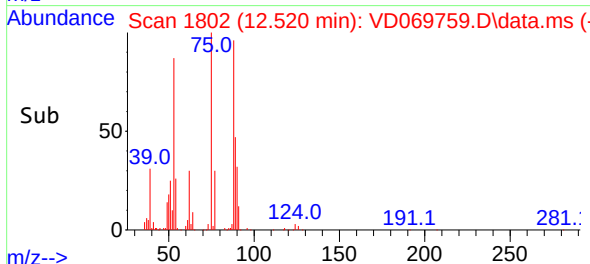
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



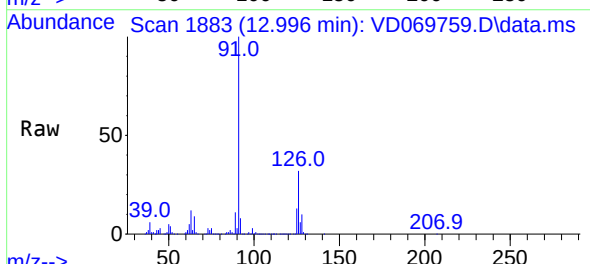
Tgt Ion: 75 Resp: 93100
Ion Ratio Lower Upper
75 100
53 88.8 70.6 106.0
89 44.9 35.1 52.7

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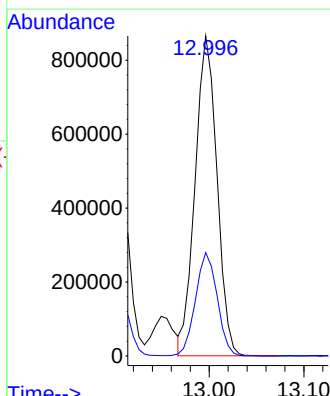
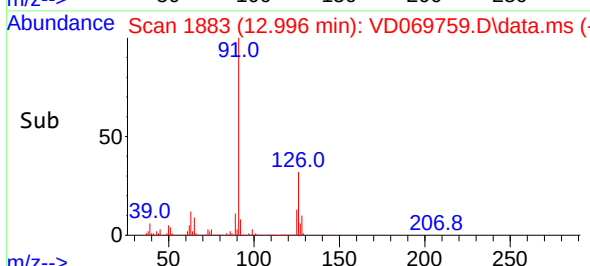
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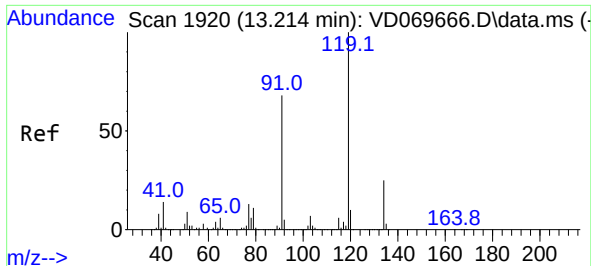


#82
4-Chlorotoluene
Concen: 52.778 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



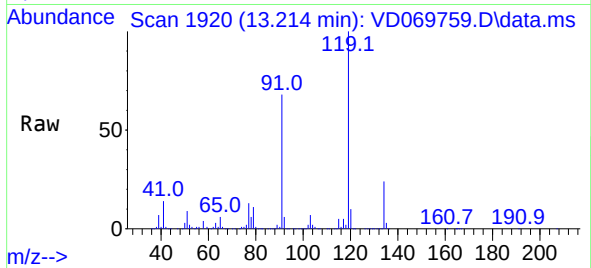
Tgt Ion: 91 Resp: 1387905
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5





#83
tert-Butylbenzene
Concen: 54.993 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

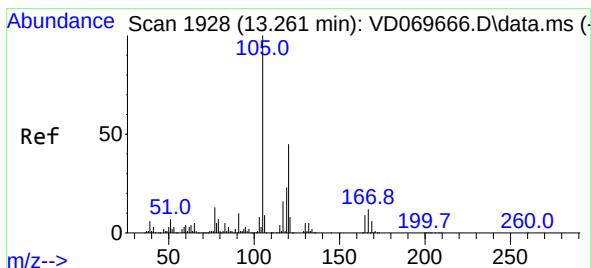
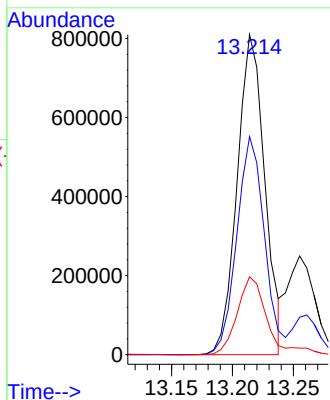
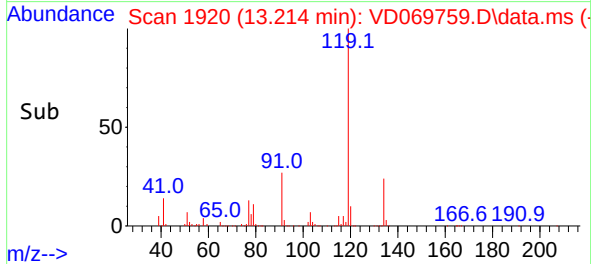
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



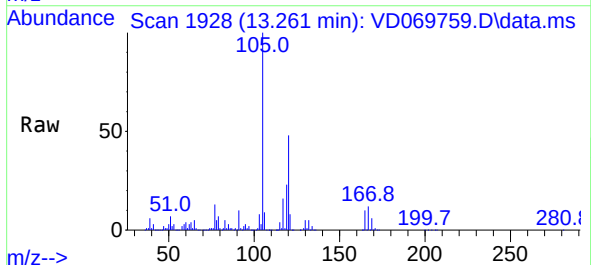
Tgt Ion:119 Resp: 1278386
Ion Ratio Lower Upper
119 100
91 68.4 34.3 102.9
134 26.3 13.2 39.5

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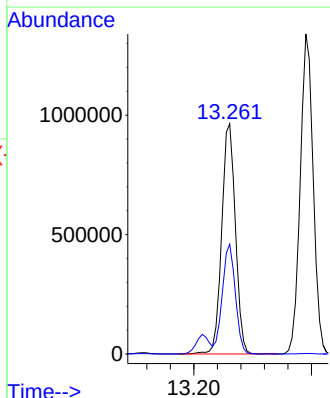
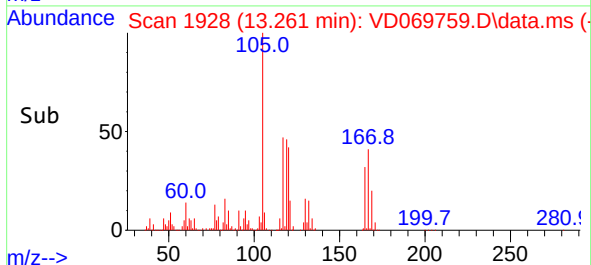
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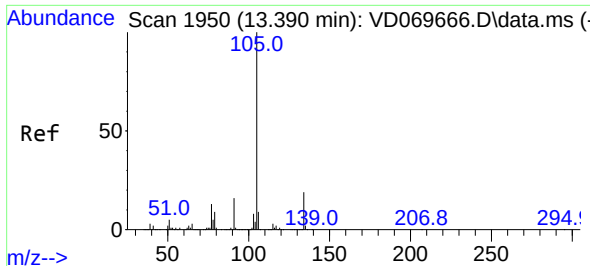


#84
1,2,4-Trimethylbenzene
Concen: 55.030 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



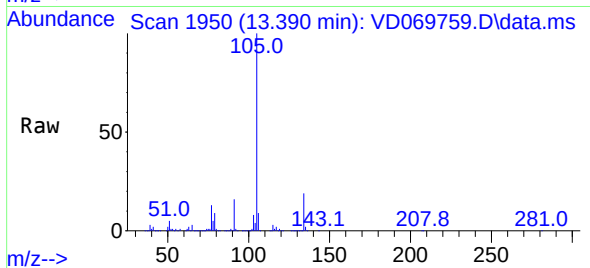
Tgt Ion:105 Resp: 1556830
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 55.951 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD069759.D
 Acq: 20 Jul 2021 09:45

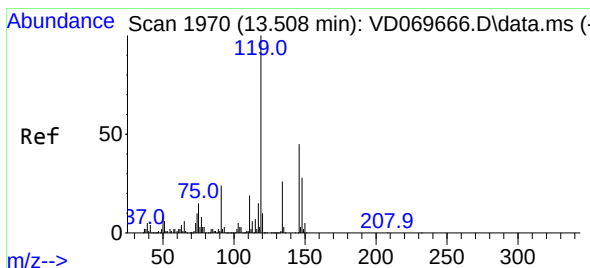
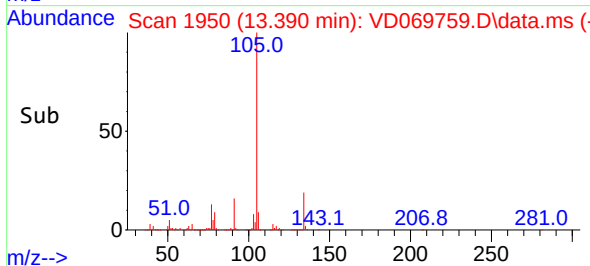
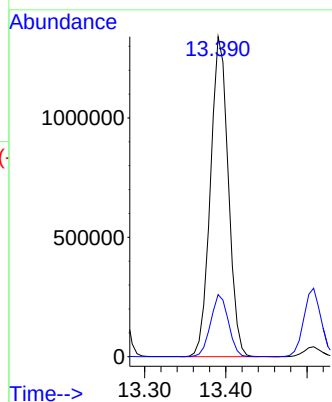
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 2044110
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.4 28.3

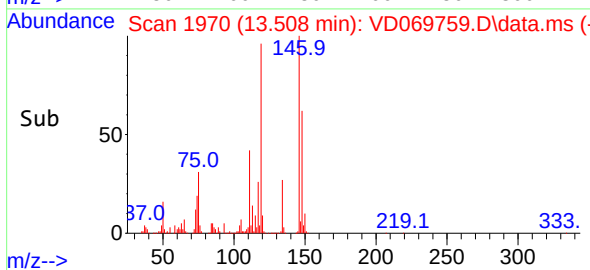
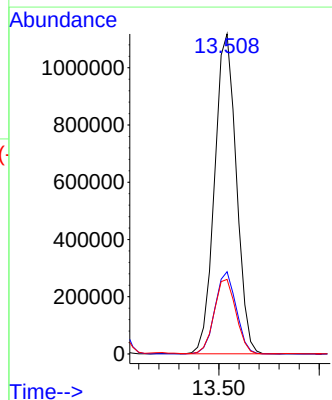
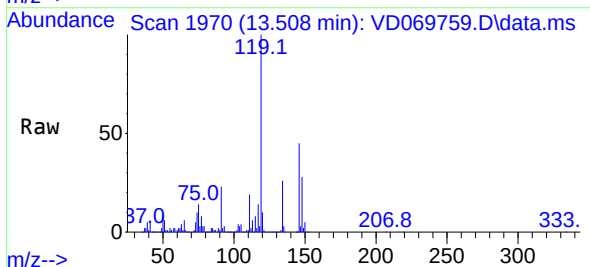
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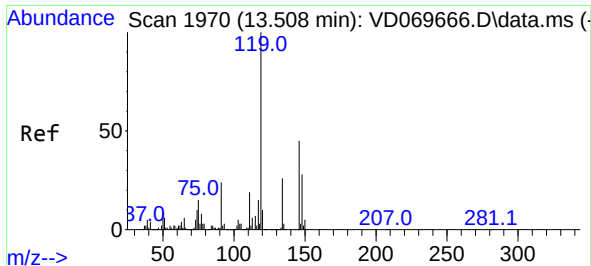
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#86
 p-Isopropyltoluene
 Concen: 56.501 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069759.D
 Acq: 20 Jul 2021 09:45

Tgt Ion:119 Resp: 1681262
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 23.4 12.0 36.0





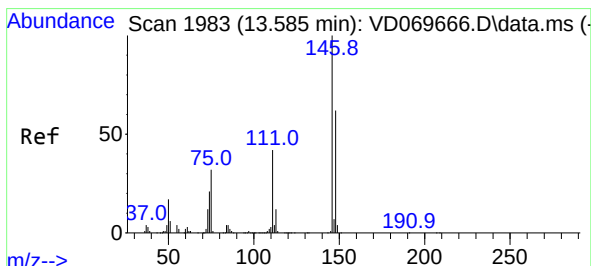
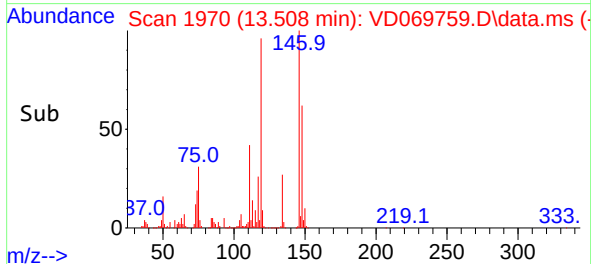
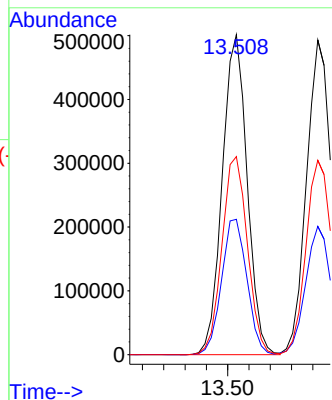
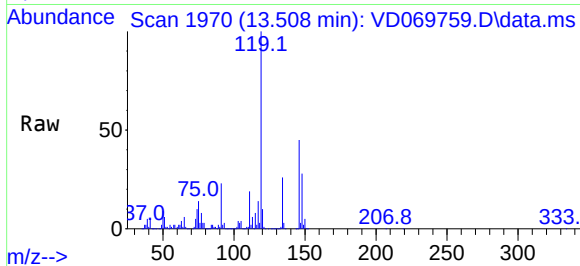
#87
1,3-Dichlorobenzene
Concen: 52.459 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:146 Resp: 812570
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 63.5 31.4 94.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

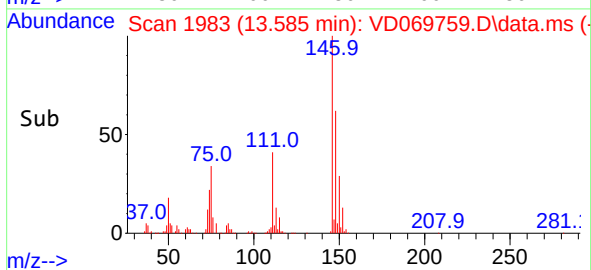
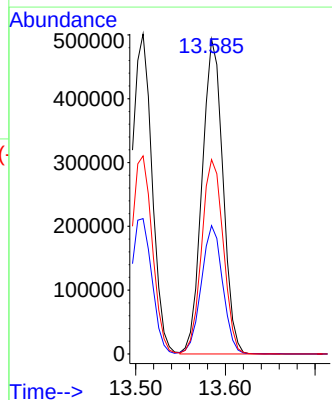
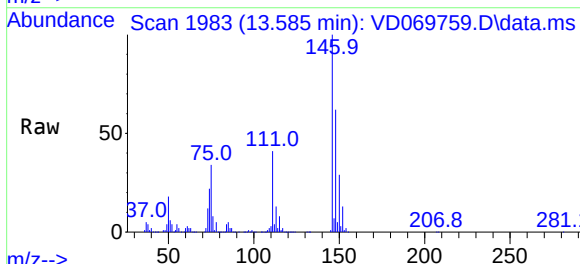
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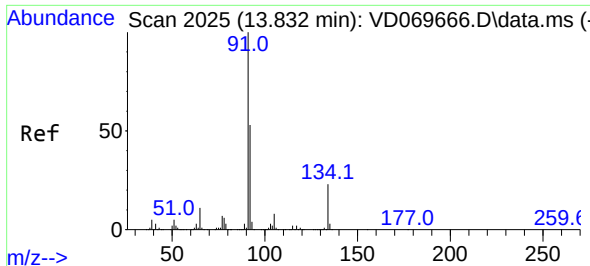
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#88
1,4-Dichlorobenzene
Concen: 51.512 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

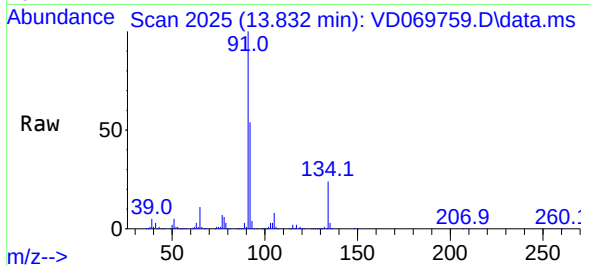
Tgt Ion:146 Resp: 796844
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.5
148 64.0 31.4 94.3





#89
n-Butylbenzene
Concen: 55.943 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

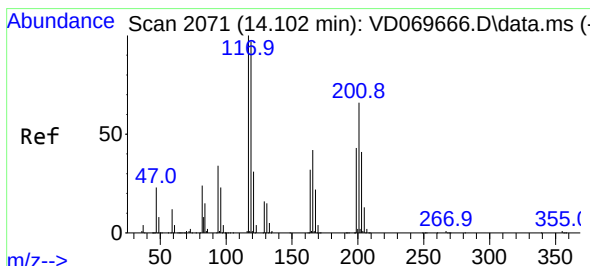
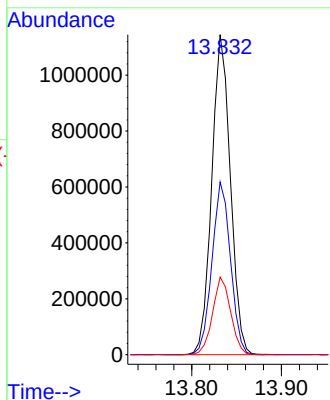
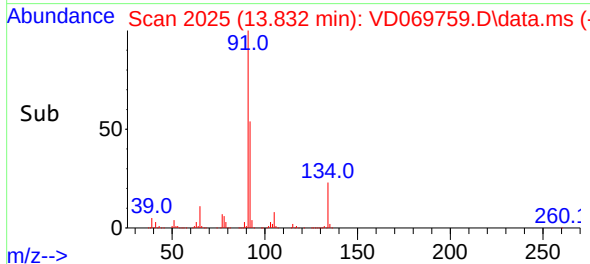


Tgt Ion: 91 Resp: 1649219

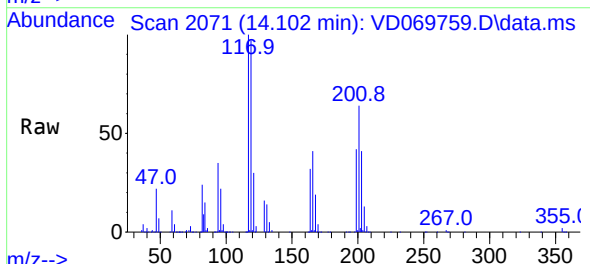
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.6	79.8
134	23.6	11.7	35.1

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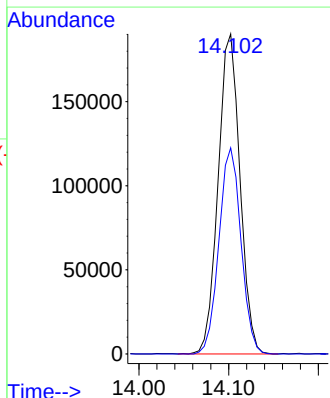
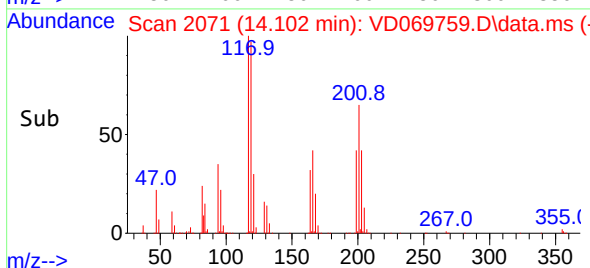


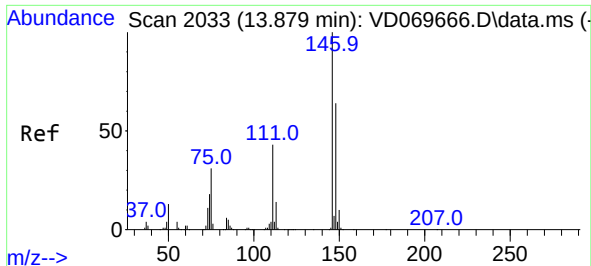
#90
Hexachloroethane
Concen: 53.148 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



Tgt Ion: 117 Resp: 321821

Ion	Ratio	Lower	Upper
117	100		
201	64.8	31.9	95.5





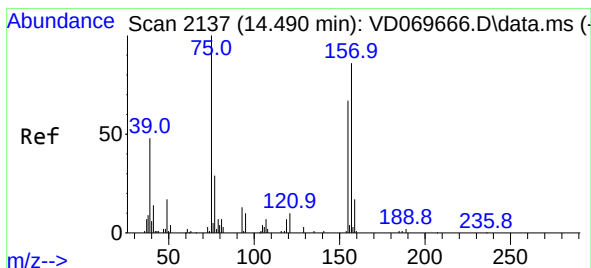
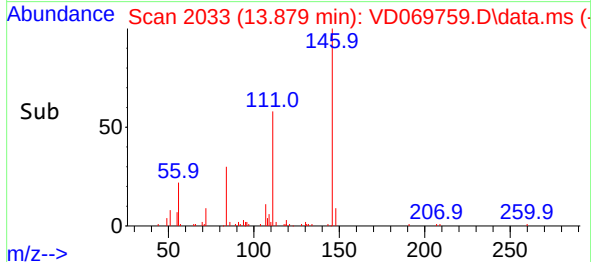
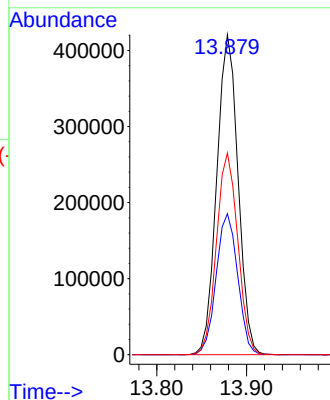
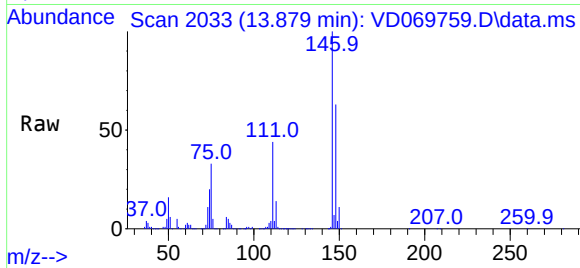
#91
1,2-Dichlorobenzene
Concen: 51.858 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:146 Resp: 692614
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 63.3 32.2 96.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

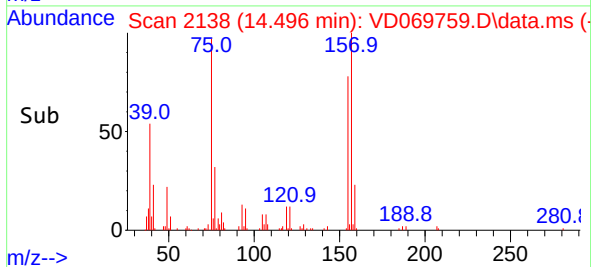
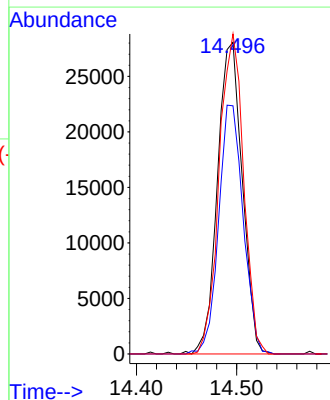
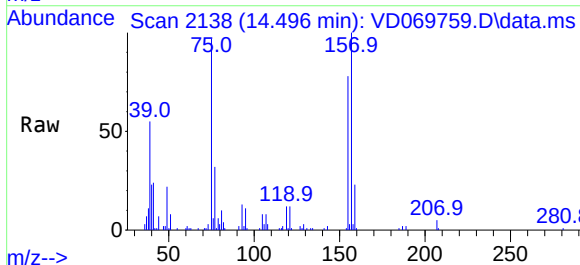
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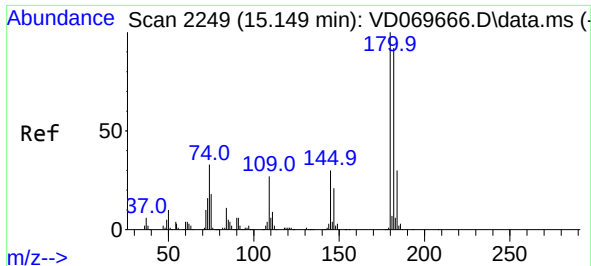
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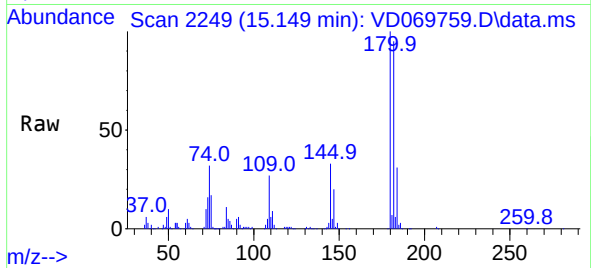
#92
1,2-Dibromo-3-Chloropropane
Concen: 48.333 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion: 75 Resp: 48206
Ion Ratio Lower Upper
75 100
155 78.7 35.9 107.7
157 100.8 45.6 136.9

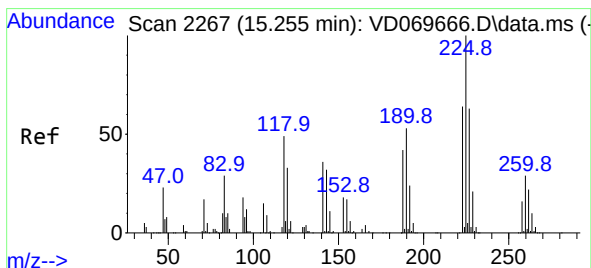
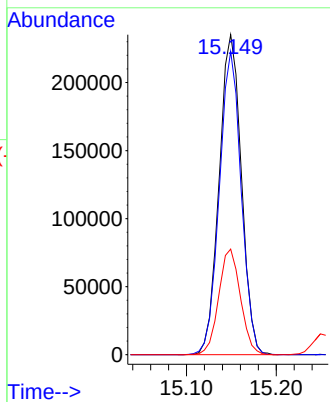
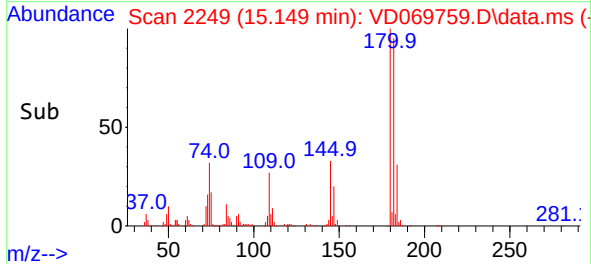




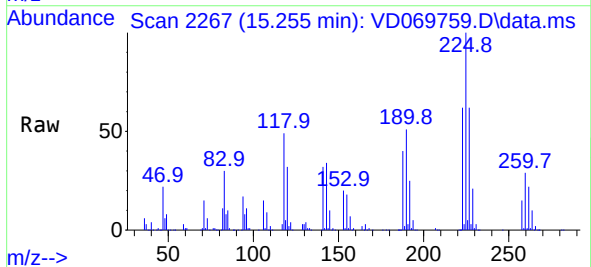
#93
1,2,4-Trichlorobenzene
Concen: 54.326 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



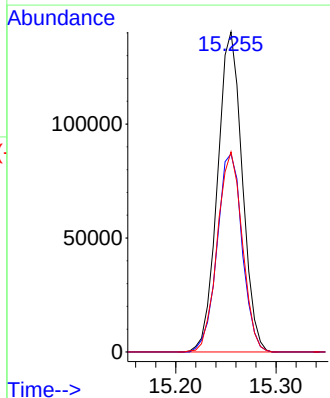
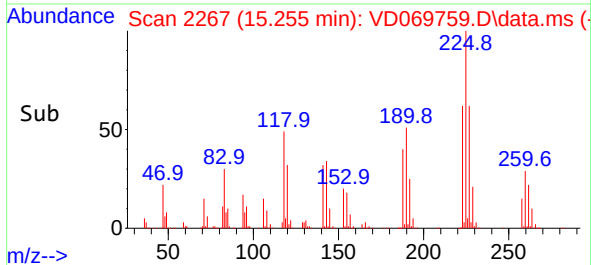
Tgt Ion:180 Resp: 403385
Ion Ratio Lower Upper
180 100
182 93.2 46.4 139.2
145 32.4 15.5 46.5



#94
Hexachlorobutadiene
Concen: 53.566 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45



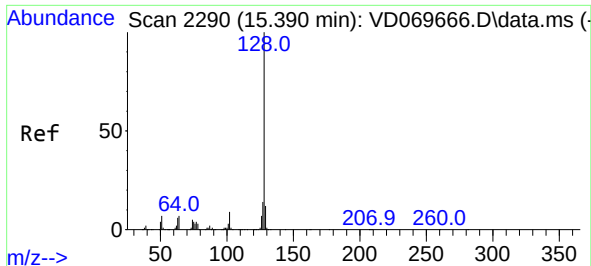
Tgt Ion:225 Resp: 239803
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.7
227 63.1 32.2 96.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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7/21/2021 5:52:10 PM



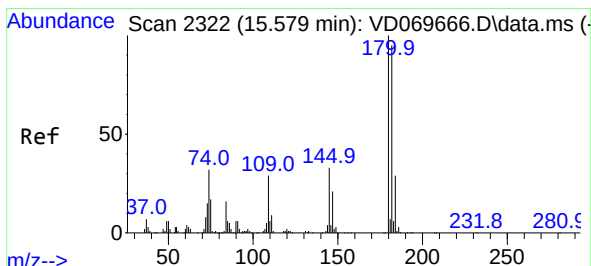
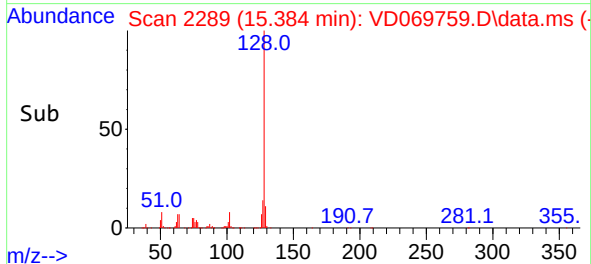
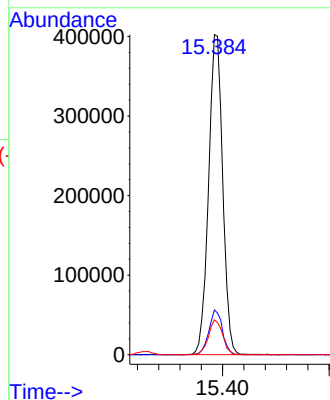
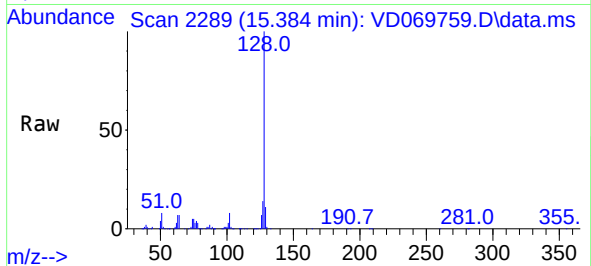
#95
Naphthalene
Concen: 49.513 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:	128	Resp:	739185
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.9	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 54.511 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD069759.D
Acq: 20 Jul 2021 09:45

Tgt Ion:	180	Resp:	347678
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.2
145	34.5	17.2	51.5

