

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070766.D
 Acq On : 20 Oct 2021 10:27
 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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 10/21/2021 6:54:40 PM

Quant Time: Oct 21 05:35:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	437015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	686416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	653734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	328163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	248460	48.00	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.00%		
35) Dibromofluoromethane	7.909	113	223888	50.94	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.88%		
50) Toluene-d8	10.332	98	861235	51.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.24%		
62) 4-Bromofluorobenzene	12.620	95	298336	51.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	243615	47.68	ug/l	97
3) Chloromethane	2.209	50	341127	44.99	ug/l	99
4) Vinyl Chloride	2.350	62	360494	46.40	ug/l	99
5) Bromomethane	2.762	94	206638	43.62	ug/l	99
6) Chloroethane	2.921	64	227579	46.52	ug/l	94
7) Trichlorofluoromethane	3.273	101	415801	47.34	ug/l	98
8) Diethyl Ether	3.715	74	105335	45.01	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.097	101	252685	48.10	ug/l	99
10) Methyl Iodide	4.297	142	229006	42.55	ug/l	96
11) Tert butyl alcohol	5.215	59	61572	212.49	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	220418	46.40	ug/l	90
13) Acrolein	3.920	56	76543	272.93	ug/l	98
14) Allyl chloride	4.715	41	418751	46.57	ug/l #	91
15) Acrylonitrile	5.415	53	288840	234.42	ug/l	99
16) Acetone	4.156	43	318007	254.72	ug/l	95
17) Carbon Disulfide	4.409	76	835184	48.25	ug/l	99
18) Methyl Acetate	4.715	43	193629	44.62	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	500110	48.70	ug/l	95
20) Methylene Chloride	4.962	84	301048	47.65	ug/l #	88
21) trans-1,2-Dichloroethene	5.467	96	265026	48.63	ug/l	94
22) Diisopropyl ether	6.362	45	880289	50.28	ug/l	93
23) Vinyl Acetate	6.303	43	2103694	228.29	ug/l #	92
24) 1,1-Dichloroethane	6.262	63	517895	47.49	ug/l	98
25) 2-Butanone	7.209	43	368991	239.24	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	421681	48.89	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	280894	48.07	ug/l	90
28) Bromochloromethane	7.544	49	203335	46.90	ug/l	86
29) Tetrahydrofuran	7.561	42	232534	246.29	ug/l #	84
30) Chloroform	7.703	83	505484	47.44	ug/l	96
31) Cyclohexane	7.985	56	495713	47.34	ug/l	89
32) 1,1,1-Trichloroethane	7.903	97	440948	48.78	ug/l	96
36) 1,1-Dichloropropene	8.108	75	393762	51.49	ug/l	97
37) Ethyl Acetate	7.291	43	171458	54.12	ug/l #	92
38) Carbon Tetrachloride	8.097	117	377642	51.56	ug/l	98
39) Methylcyclohexane	9.350	83	454699	52.73	ug/l #	89
40) Benzene	8.350	78	1116394	50.69	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	91430	45.93	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	317881	50.86	ug/l	96
43) Isopropyl Acetate	8.450	43	303627	50.24	ug/l #	91
44) Trichloroethene	9.108	130	259350	50.15	ug/l	96
45) 1,2-Dichloropropane	9.379	63	297818	51.18	ug/l	95
46) Dibromomethane	9.467	93	140689	50.49	ug/l	95
47) Bromodichloromethane	9.655	83	378016	51.14	ug/l	96
48) Methyl methacrylate	9.450	41	154447	52.17	ug/l #	85
49) 1,4-Dioxane	9.461	88	32234	1077.37	ug/l #	93
51) 4-Methyl-2-Pentanone	10.220	43	849200	266.60	ug/l	90
52) Toluene	10.397	92	700223	53.41	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	339640	51.44	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	406803	51.47	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	197619	51.64	ug/l	99
56) Ethyl methacrylate	10.655	69	239576	46.35	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	347130	51.13	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	519317	257.65	ug/l	94
59) 2-Hexanone	10.979	43	615742	274.64	ug/l	90
60) Dibromochloromethane	11.132	129	227974	51.83	ug/l	99
61) 1,2-Dibromoethane	11.238	107	179135	51.16	ug/l	99
64) Tetrachloroethene	10.873	164	222934	50.75	ug/l	91
65) Chlorobenzene	11.661	112	672914	50.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	253197	51.04	ug/l	100
67) Ethyl Benzene	11.738	91	1291458	52.68	ug/l	99
68) m/p-Xylenes	11.844	106	988894	106.48	ug/l	95
69) o-Xylene	12.173	106	437745	51.96	ug/l	94
70) Styrene	12.185	104	797480	54.46	ug/l	96
71) Bromoform	12.349	173	130724	50.75	ug/l #	99
73) Isopropylbenzene	12.473	105	1194987	51.11	ug/l	99
74) N-amyl acetate	12.279	43	303078	49.79	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	223270	48.27	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	144825m	51.08	ug/l	
77) Bromobenzene	12.749	156	264159	49.90	ug/l	98
78) n-propylbenzene	12.808	91	1586604	52.20	ug/l	98
79) 2-Chlorotoluene	12.896	91	880702	50.14	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1054192	53.33	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	65183	50.36	ug/l	88
82) 4-Chlorotoluene	12.996	91	935789	50.37	ug/l	98
83) tert-Butylbenzene	13.214	119	831907	50.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1027595	52.29	ug/l	100
85) sec-Butylbenzene	13.391	105	1330596	51.83	ug/l	99
86) p-Isopropyltoluene	13.502	119	1076511	52.16	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	542771	48.83	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	533333	48.59	ug/l	99
89) n-Butylbenzene	13.832	91	1072825	51.51	ug/l	99
90) Hexachloroethane	14.096	117	211910	47.58	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	467971	49.26	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33765	45.77	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	272554	50.15	ug/l	97
94) Hexachlorobutadiene	15.249	225	175456	49.23	ug/l	99
95) Naphthalene	15.385	128	460517	43.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	239281	49.55	ug/l	97

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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

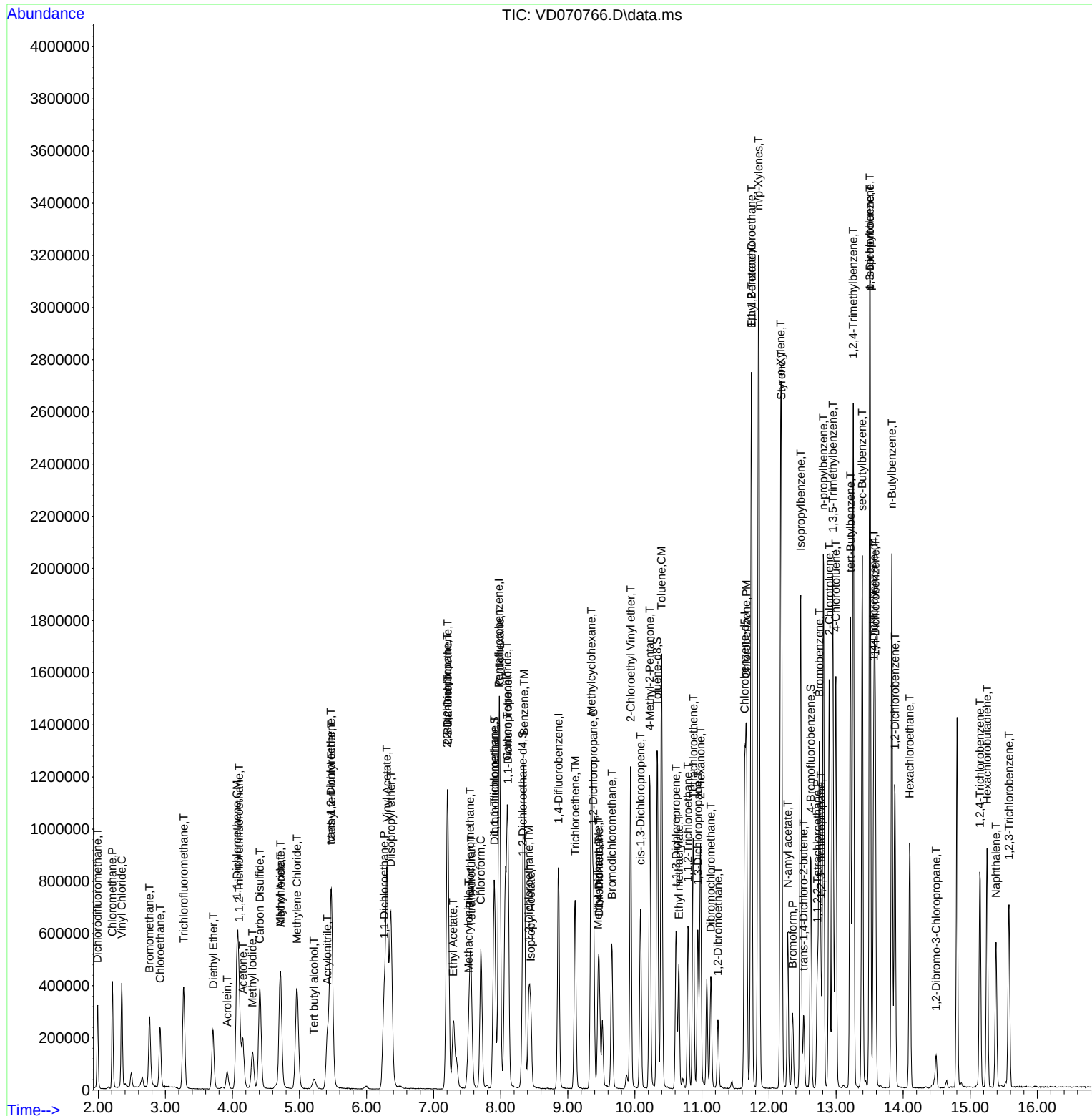
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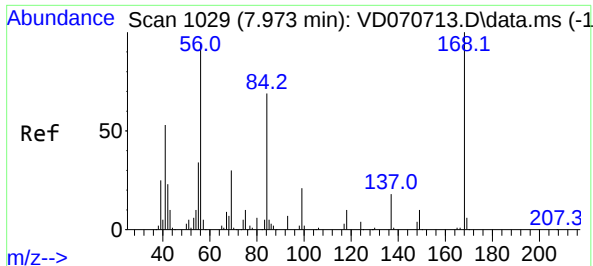
Instrument :
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Manual Integrations
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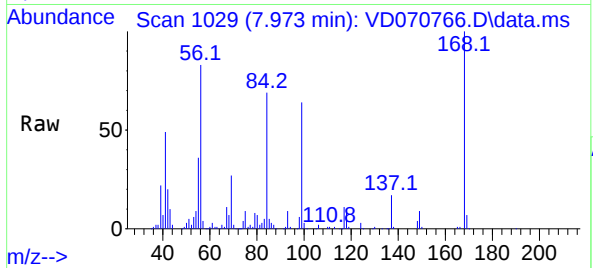
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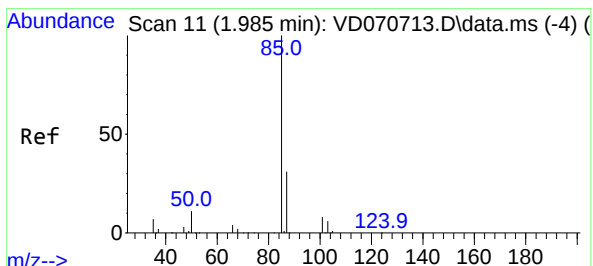
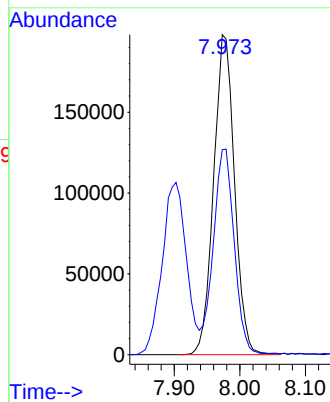
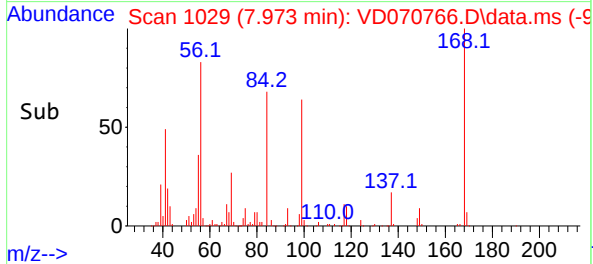




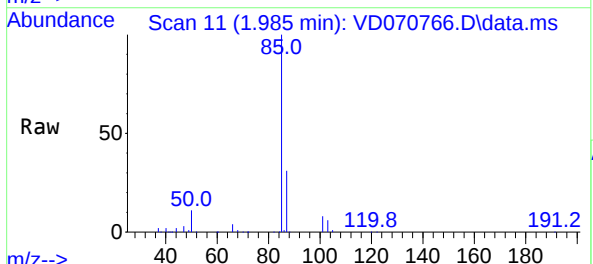
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070766.D
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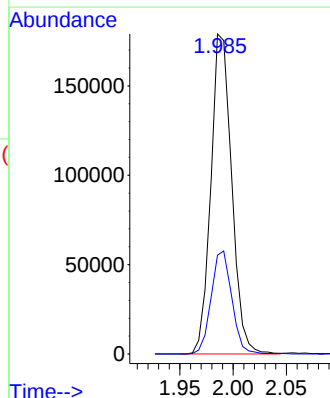
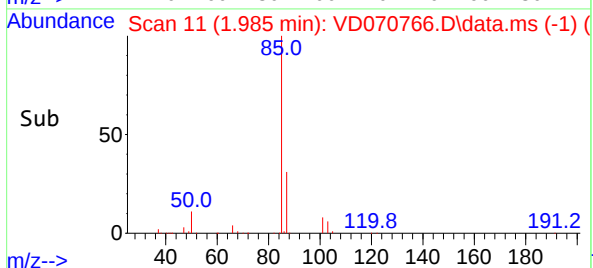
Tgt Ion: 168 Resp: 437015
Ion Ratio Lower Upper
168 100
99 63.8 51.4 77.0



Dichlorodifluoromethane
Concen: 47.68 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



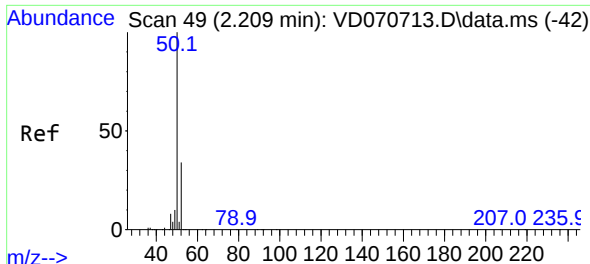
Tgt Ion: 85 Resp: 243615
Ion Ratio Lower Upper
85 100
87 30.8 16.4 49.2



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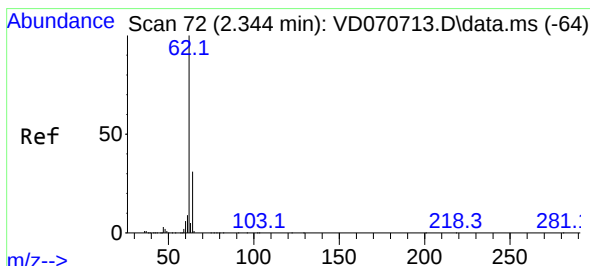
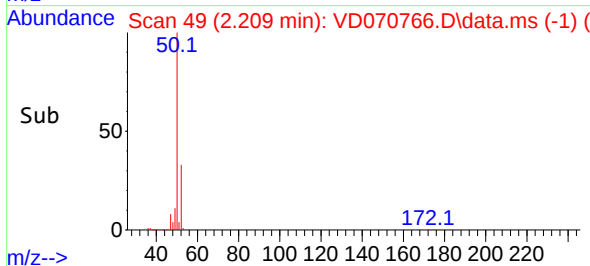
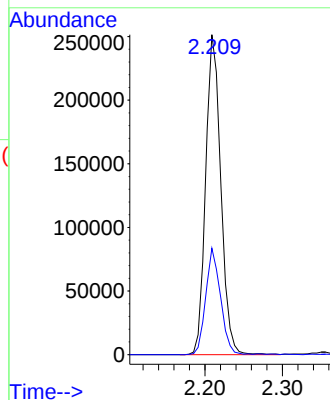
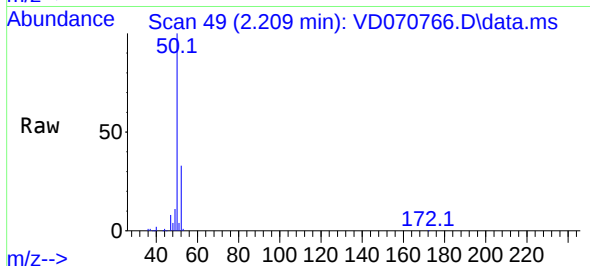
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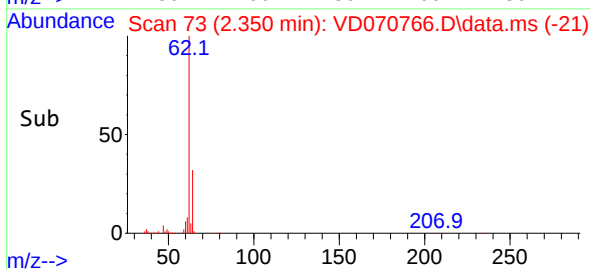
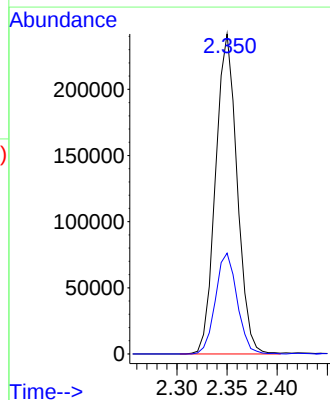
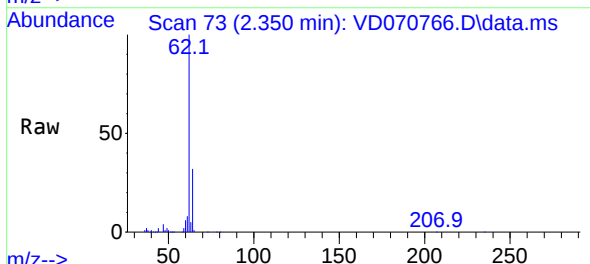
#3
Chloromethane
Concen: 44.99 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 50 Resp: 341127
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 46.40 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

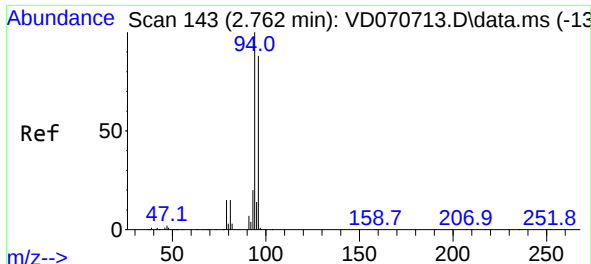
Tgt Ion: 62 Resp: 360494
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3



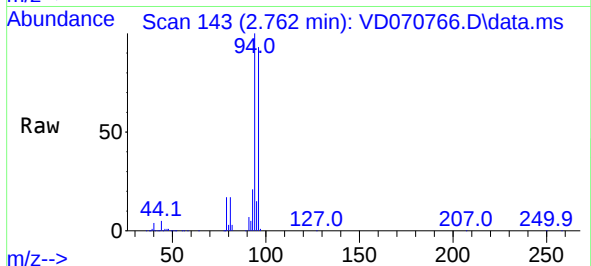
Instrument :
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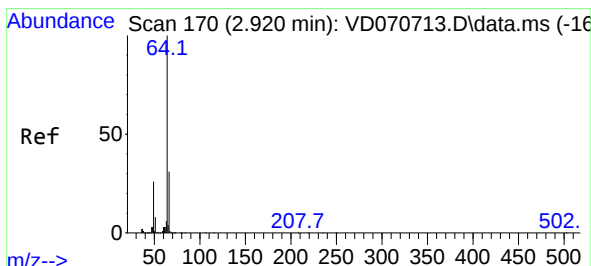
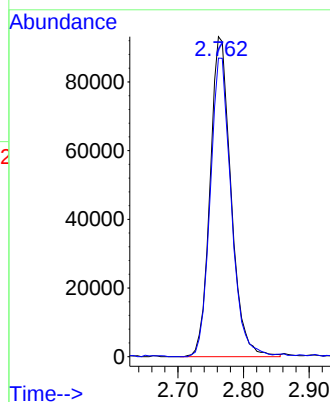
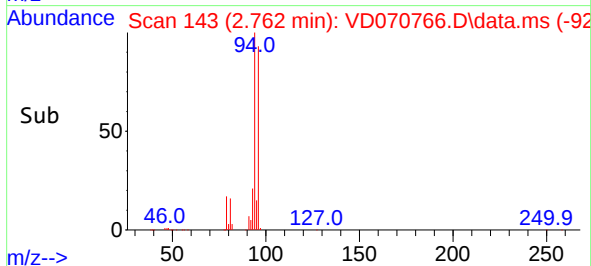
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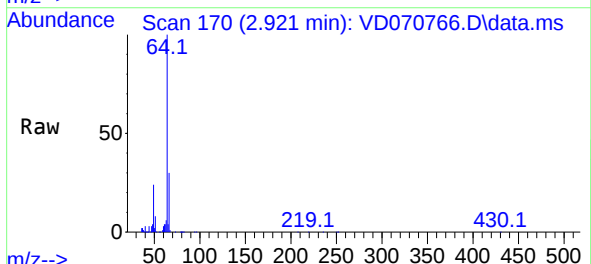
#5
Bromomethane
Concen: 43.62 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



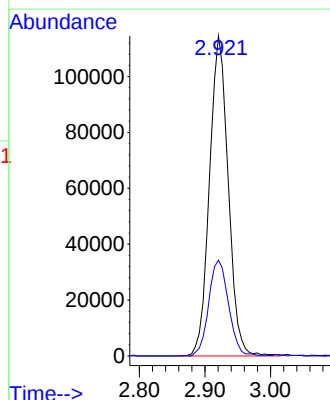
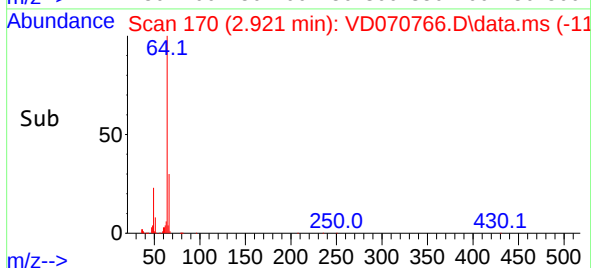
Tgt Ion: 94 Resp: 206638
Ion Ratio Lower Upper
94 100
96 93.3 75.5 113.3



#6
Chloroethane
Concen: 46.52 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD070766.D
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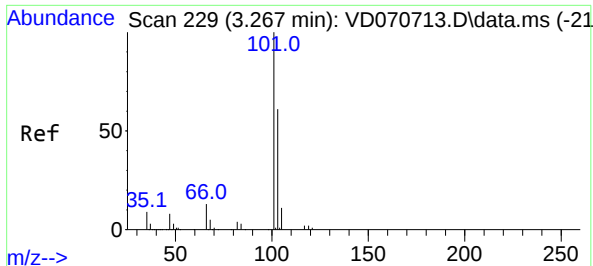
Tgt Ion: 64 Resp: 227579
Ion Ratio Lower Upper
64 100
66 29.9 26.6 40.0



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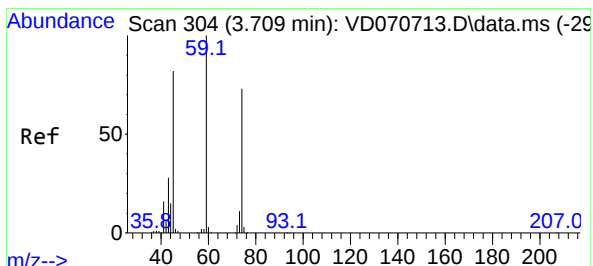
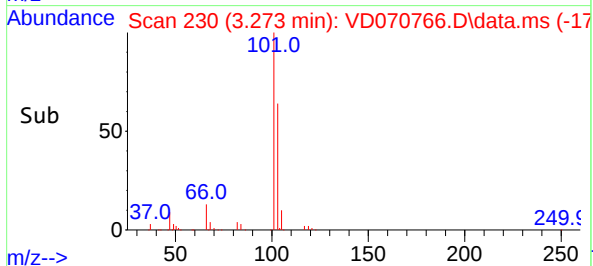
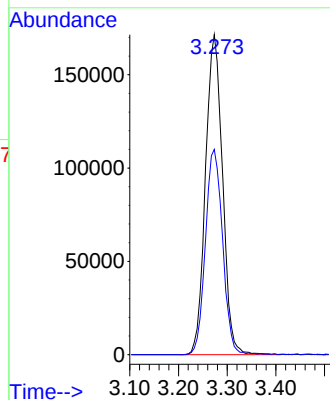
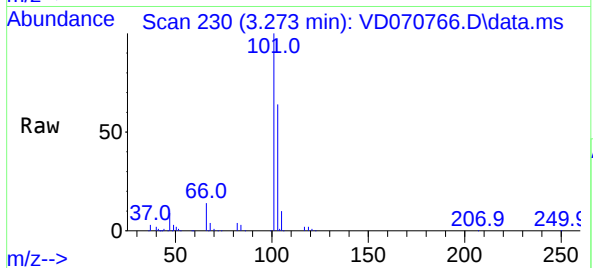
#7
Trichlorofluoromethane
Concen: 47.34 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD070766.D
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Tgt Ion:101 Resp: 415801
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

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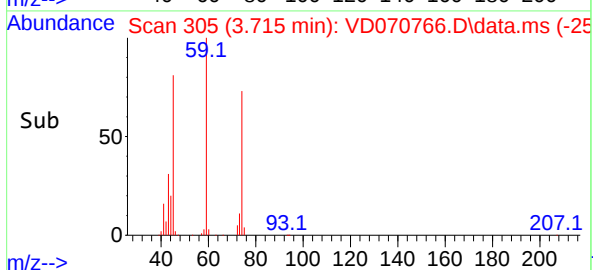
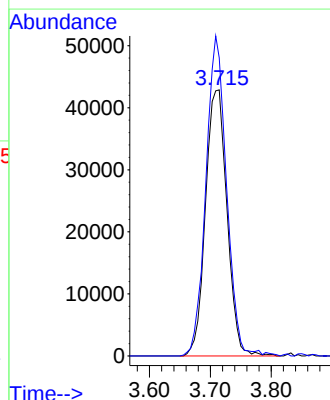
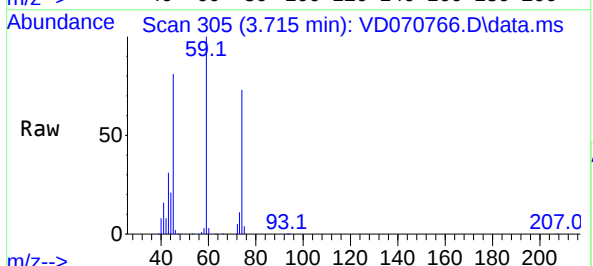
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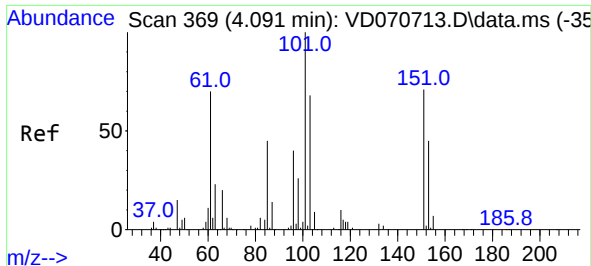
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#8
Diethyl Ether
Concen: 45.01 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 105335
Ion Ratio Lower Upper
74 100
45 115.3 45.1 135.5





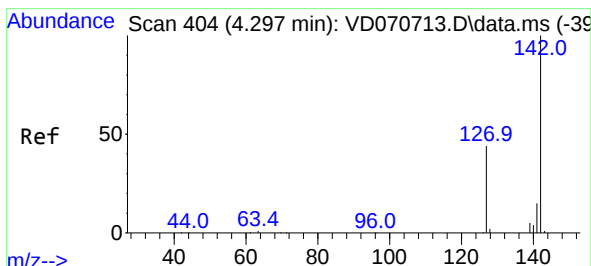
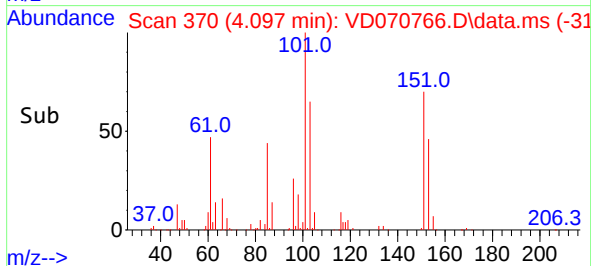
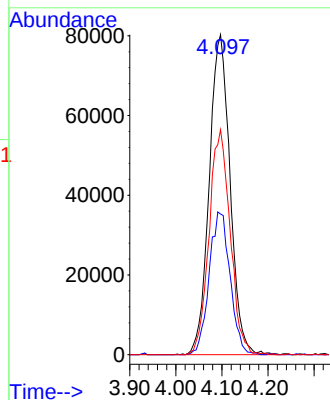
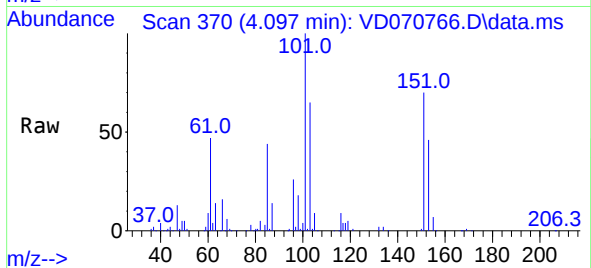
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.10 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:	101	Resp:	252685
Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.5	53.3
151	71.2	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

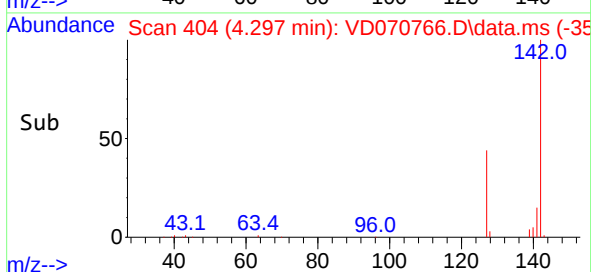
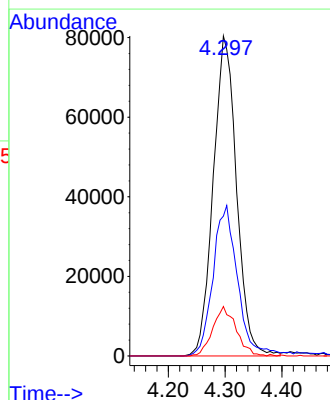
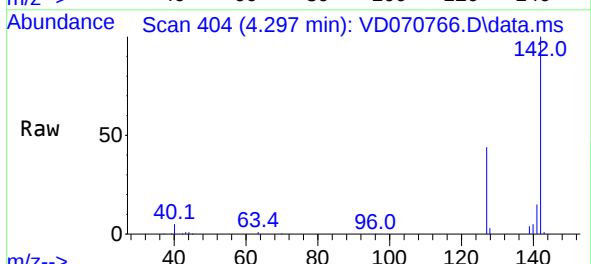
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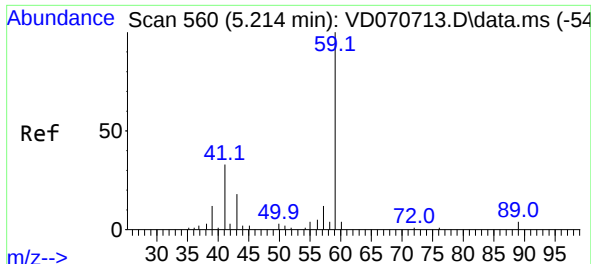
MMDadoda
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#10
Methyl Iodide
Concen: 42.55 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

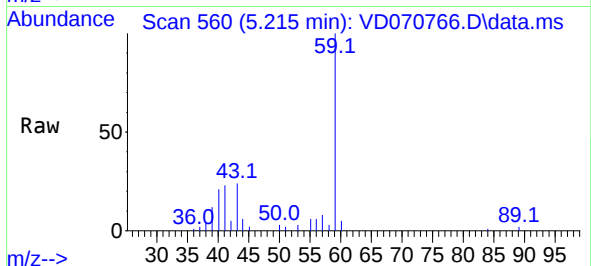
Tgt Ion:	142	Resp:	229006
Ion	Ratio	Lower	Upper
142	100		
127	49.8	37.5	56.3
141	15.4	12.1	18.1





#11
Tert butyl alcohol
Concen: 212.49 ug/l
RT: 5.215 min Scan# 560
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

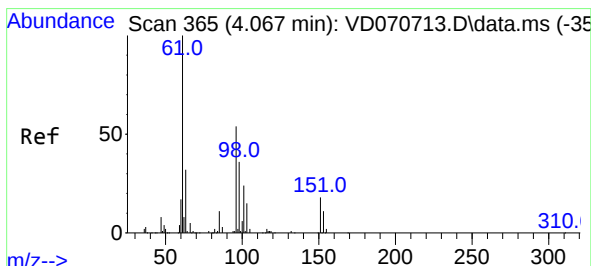
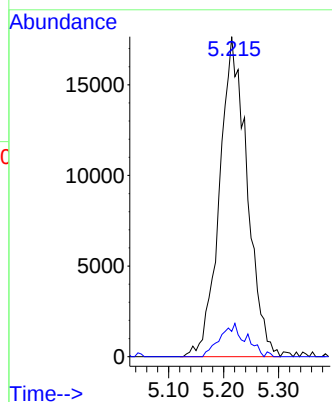
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



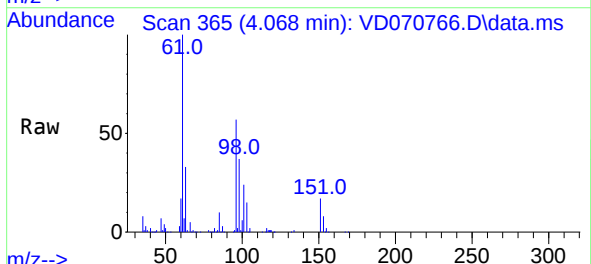
Tgt Ion: 59 Resp: 61572
Ion Ratio Lower Upper
59 100
57 7.6 4.5 6.7#

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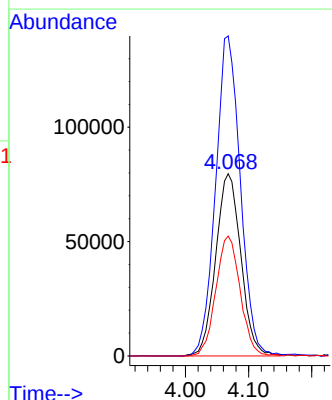
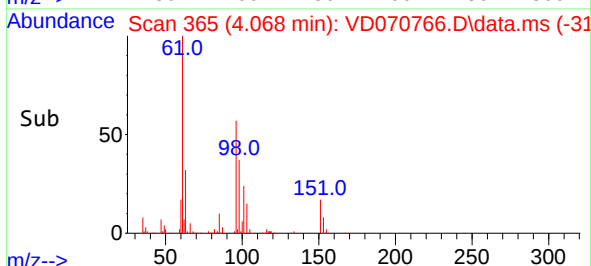
MMDadoda
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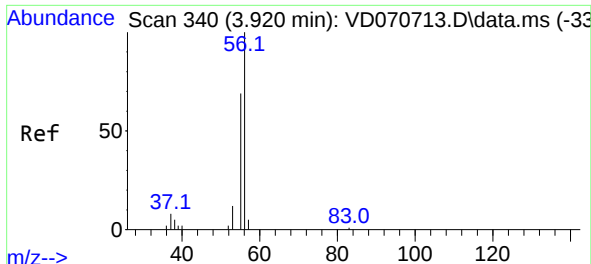


#12
1,1-Dichloroethene
Concen: 46.40 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 96 Resp: 220418
Ion Ratio Lower Upper
96 100
61 175.6 125.9 188.9
98 65.7 52.3 78.5





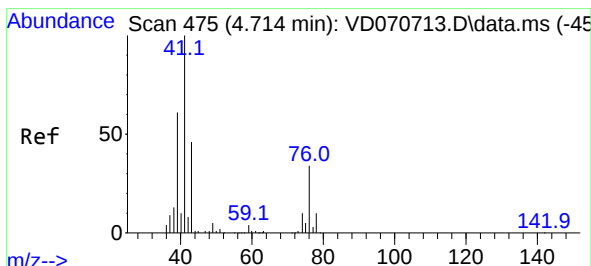
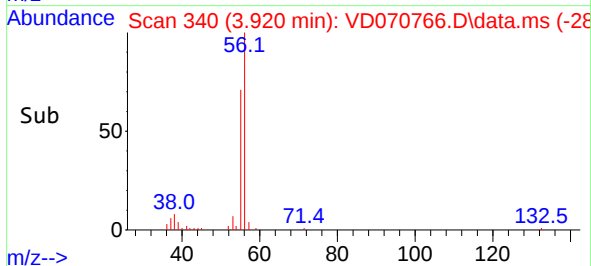
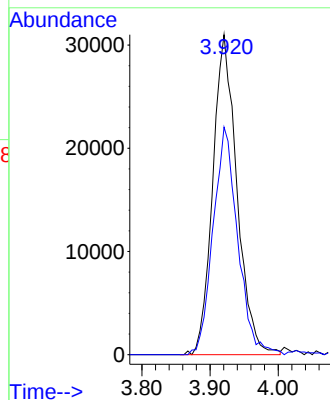
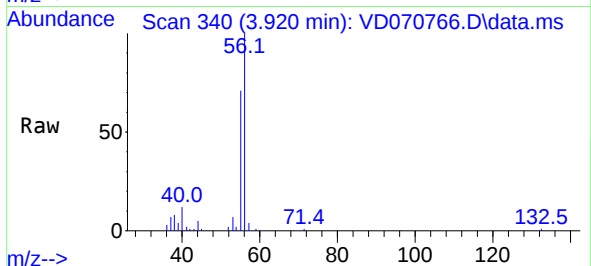
#13
Acrolein
Concen: 272.93 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 56 Resp: 76543
Ion Ratio Lower Upper
56 100
55 72.4 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

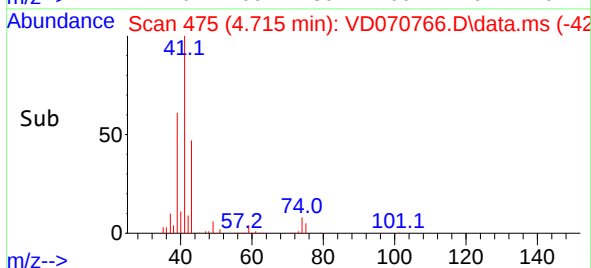
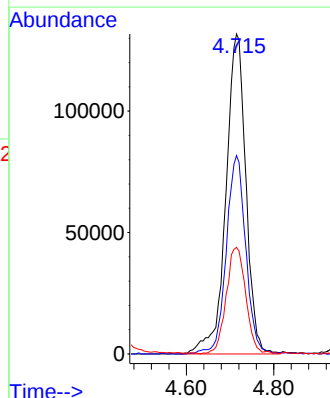
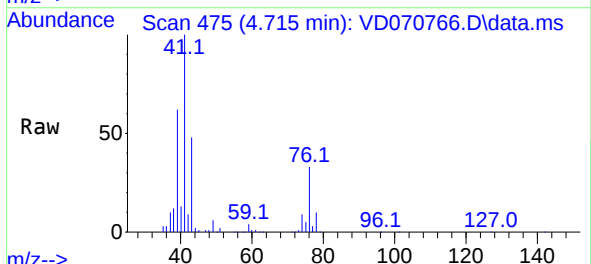
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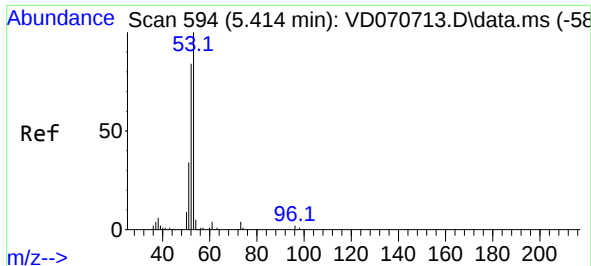
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#14
Allyl chloride
Concen: 46.57 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

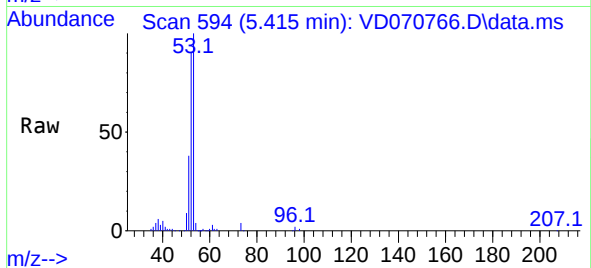
Tgt Ion: 41 Resp: 418751
Ion Ratio Lower Upper
41 100
39 60.3 46.4 69.6
76 32.7 34.6 51.8#





#15
Acrylonitrile
Concen: 234.42 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

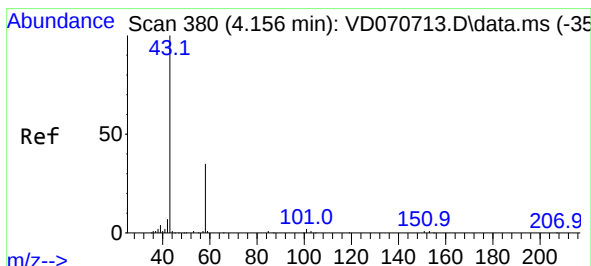
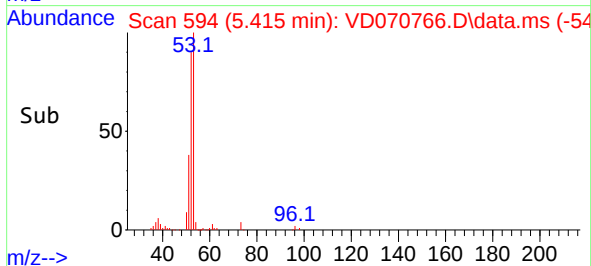
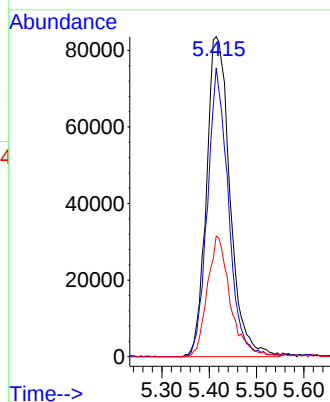
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 288840
Ion Ratio Lower Upper
53 100
52 80.3 64.6 97.0
51 36.7 28.7 43.1

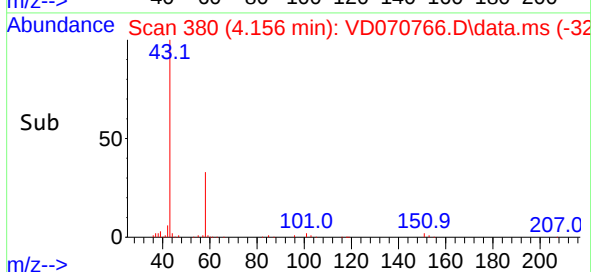
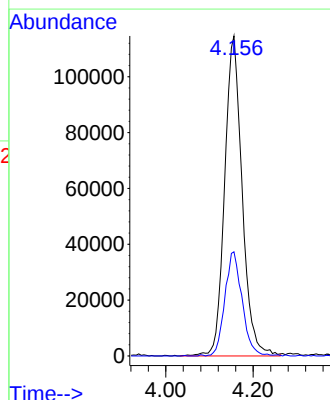
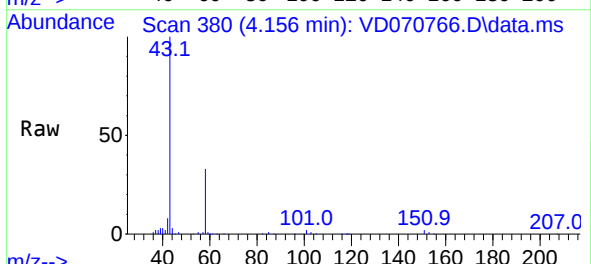
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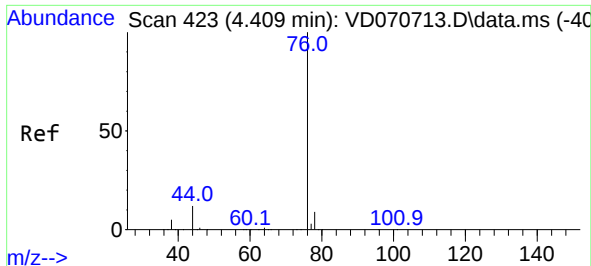
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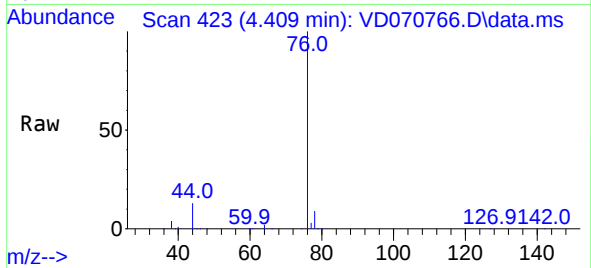
#16
Acetone
Concen: 254.72 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 43 Resp: 318007
Ion Ratio Lower Upper
43 100
58 32.6 28.2 42.2

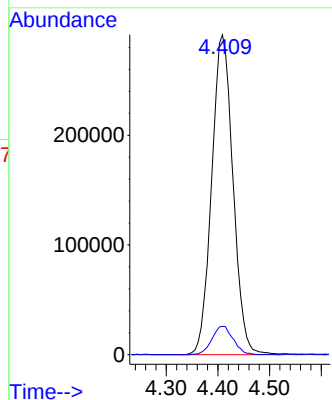
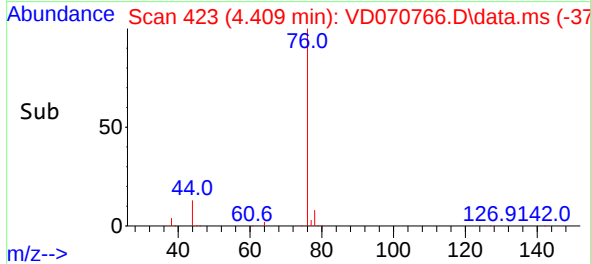




#17
Carbon Disulfide
Concen: 48.25 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



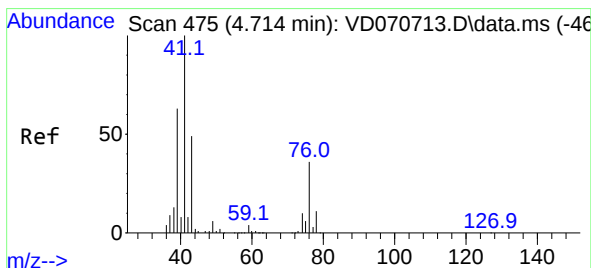
Tgt Ion: 76 Resp: 835184
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



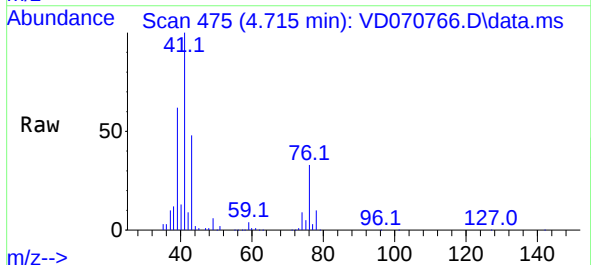
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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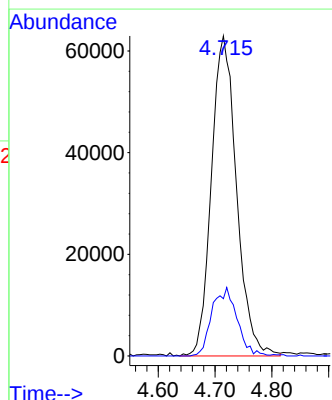
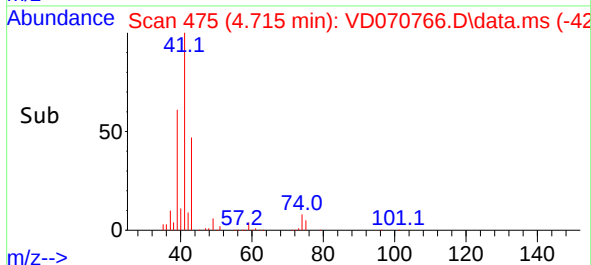
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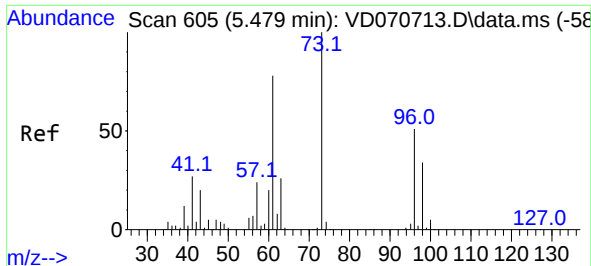


#18
Methyl Acetate
Concen: 44.62 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 43 Resp: 193629
Ion Ratio Lower Upper
43 100
74 21.3 22.6 33.8#





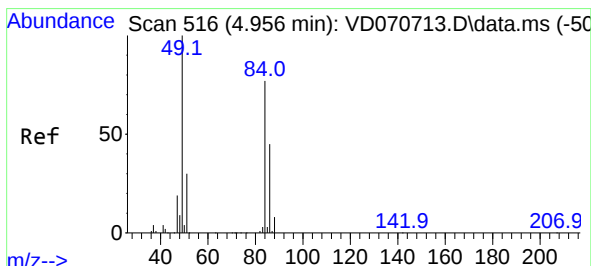
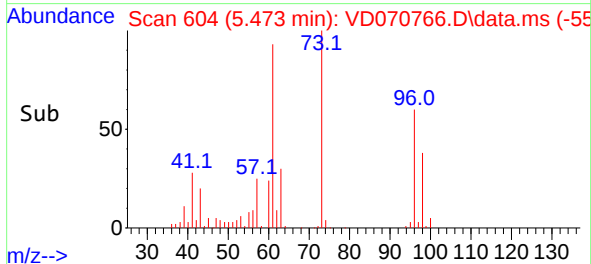
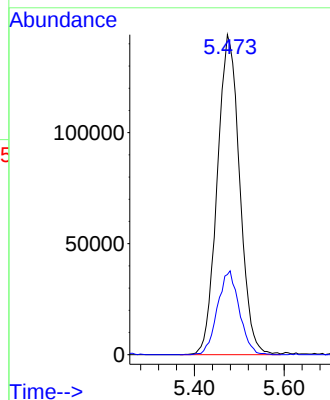
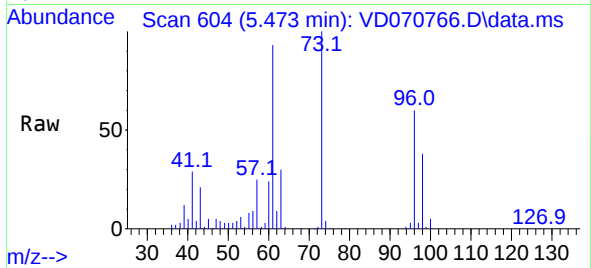
#19
Methyl tert-butyl Ether
Concen: 48.70 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 73 Resp: 500110
Ion Ratio Lower Upper
73 100
57 25.0 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

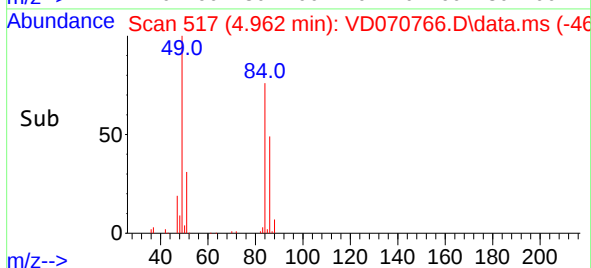
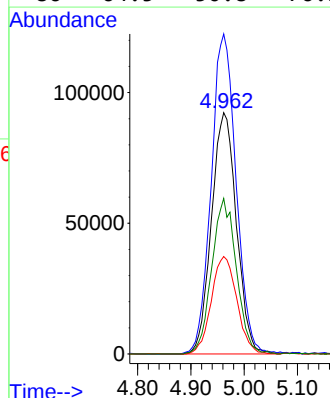
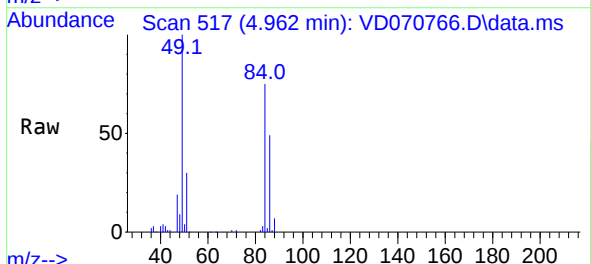
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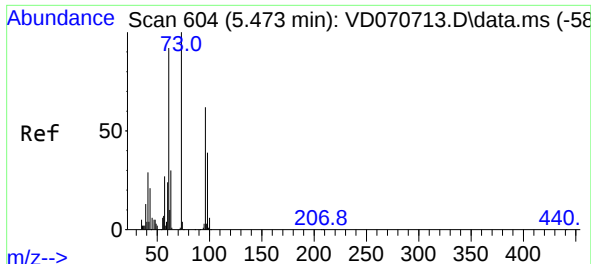
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#20
Methylene Chloride
Concen: 47.65 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

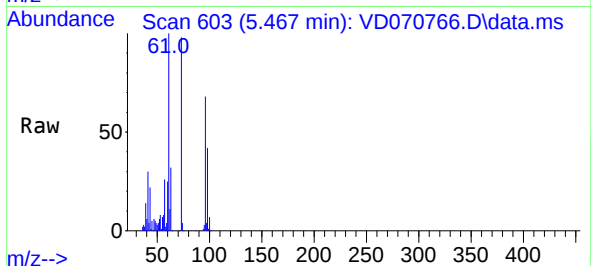
Tgt Ion: 84 Resp: 301048
Ion Ratio Lower Upper
84 100
49 132.7 91.4 137.2
51 40.4 26.7 40.1#
86 64.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.63 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

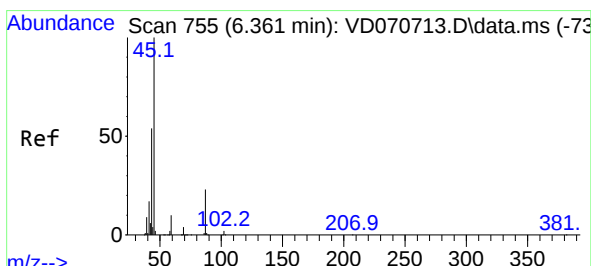
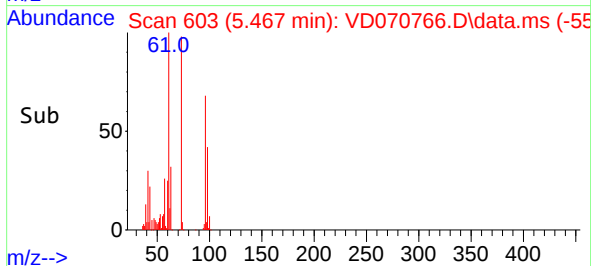
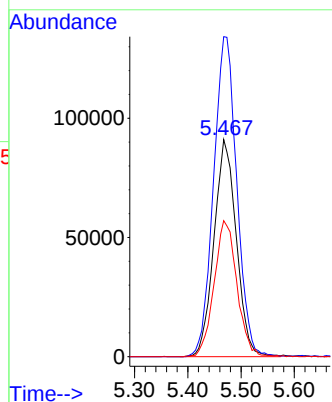
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



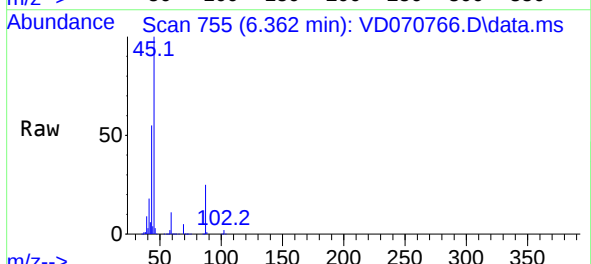
Tgt Ion: 96 Resp: 265026
Ion Ratio Lower Upper
96 100
61 147.4 111.1 166.7
98 62.6 51.9 77.9

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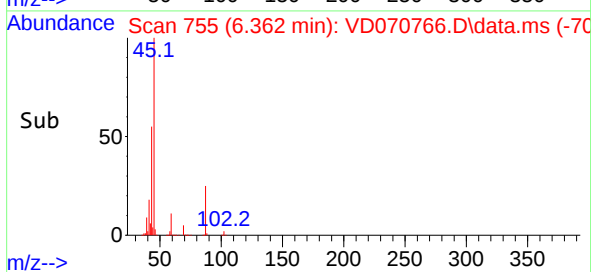
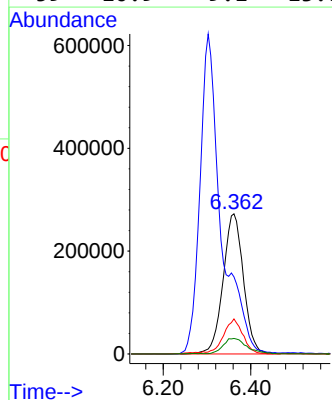
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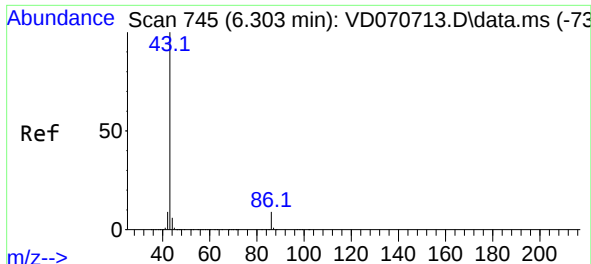


#22
Diisopropyl ether
Concen: 50.28 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



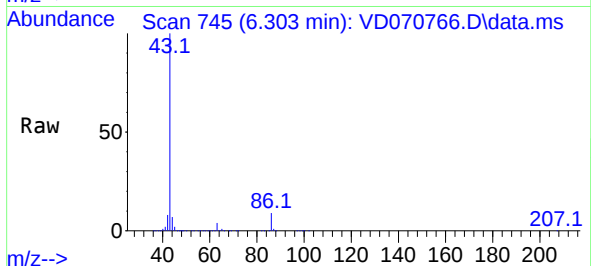
Tgt Ion: 45 Resp: 880289
Ion Ratio Lower Upper
45 100
43 54.7 40.6 61.0
87 24.9 24.6 37.0
59 10.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 228.29 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070766.D
 Acq: 20 Oct 2021 10:27

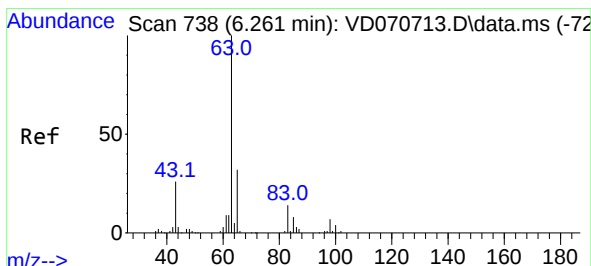
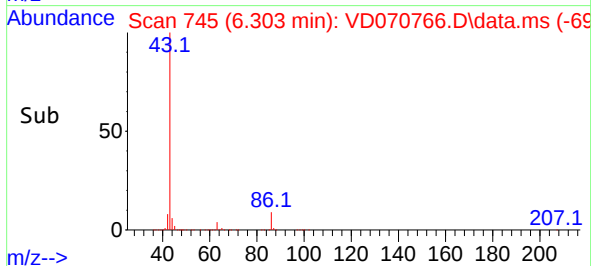
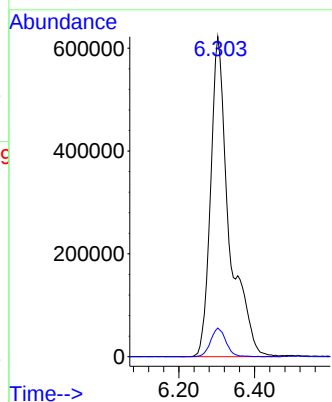
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



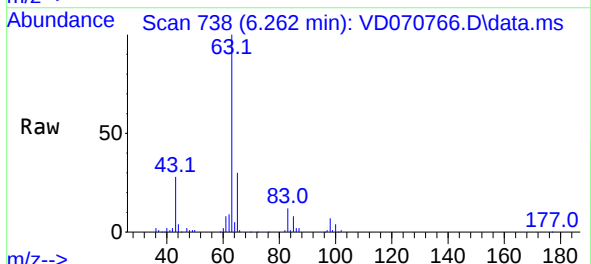
Tgt Ion: 43 Resp: 2103694
 Ion Ratio Lower Upper
 43 100
 86 9.0 9.8 14.6#

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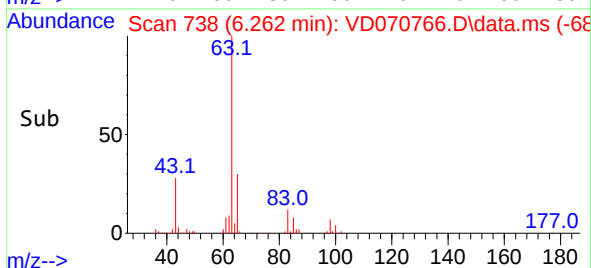
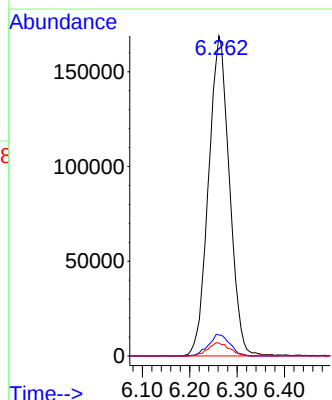
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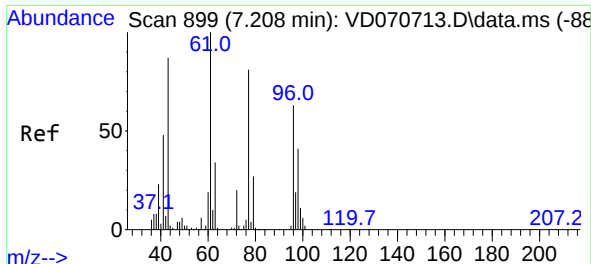


#24
 1,1-Dichloroethane
 Concen: 47.49 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070766.D
 Acq: 20 Oct 2021 10:27



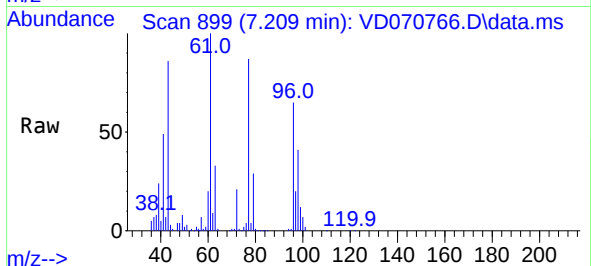
Tgt Ion: 63 Resp: 517895
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.0 2.4 7.2





#25
2-Butanone
Concen: 239.24 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

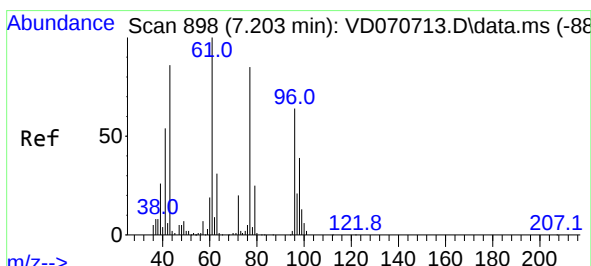
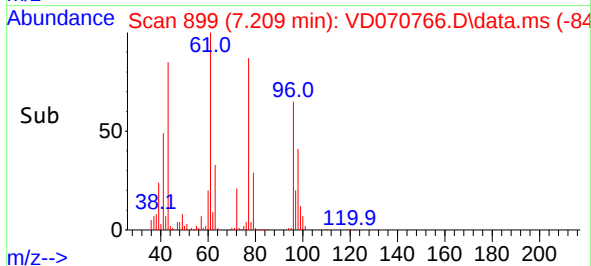
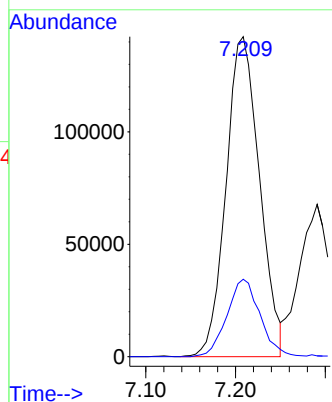
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



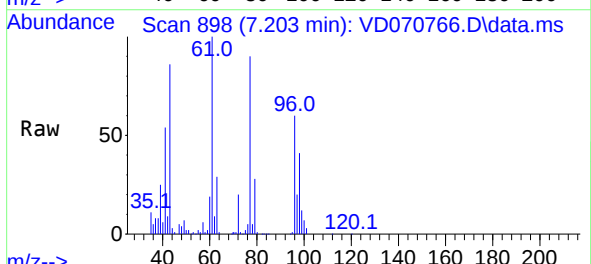
Tgt Ion: 43 Resp: 368991
Ion Ratio Lower Upper
43 100
72 24.2 25.2 37.8#

Manual Integrations
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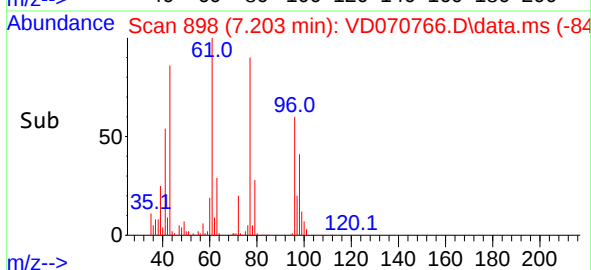
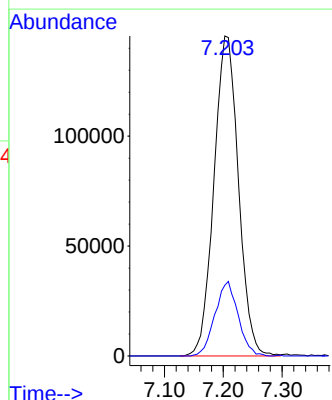
MMDadoda
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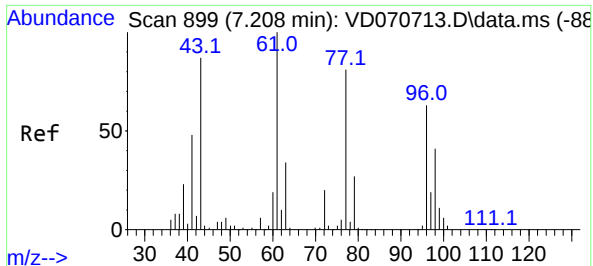


#26
2,2-Dichloropropane
Concen: 48.89 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 77 Resp: 421681
Ion Ratio Lower Upper
77 100
97 22.0 11.9 35.7





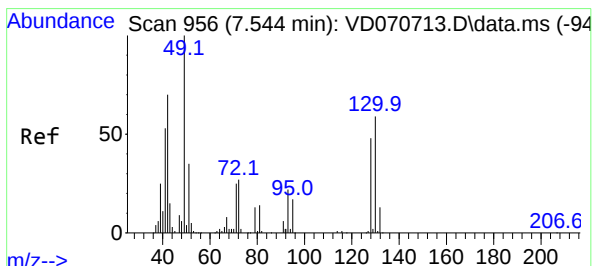
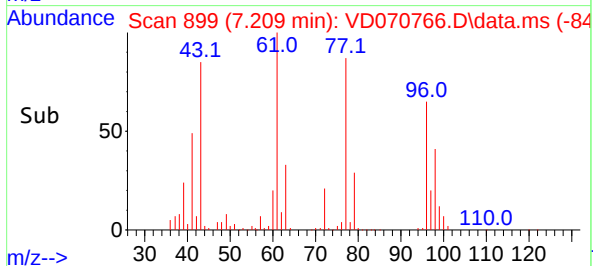
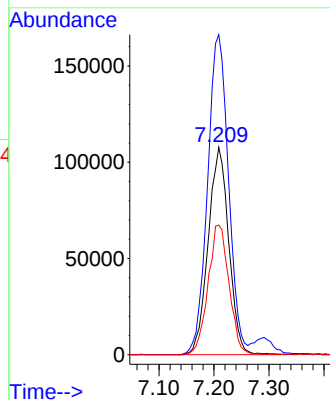
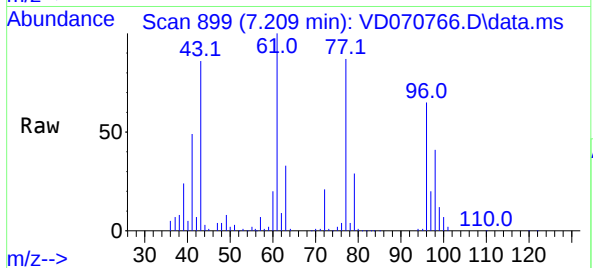
#27
cis-1,2-Dichloroethene
Concen: 48.07 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:	96	Resp:	280894
Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	278.2
98	63.6	0.0	128.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

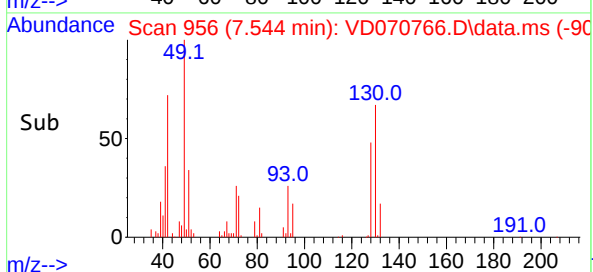
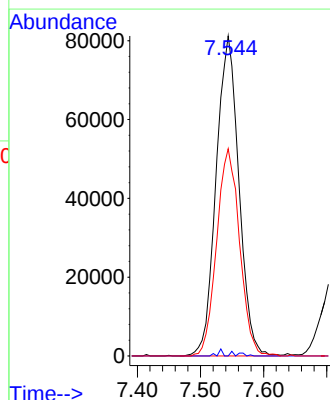
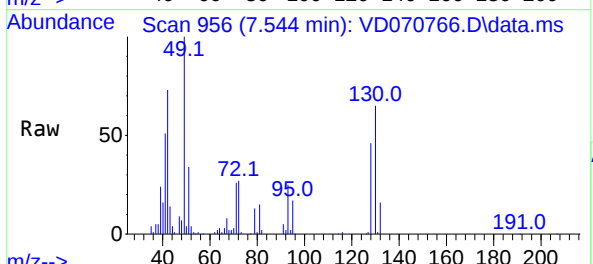
Manual Integrations
APPROVED

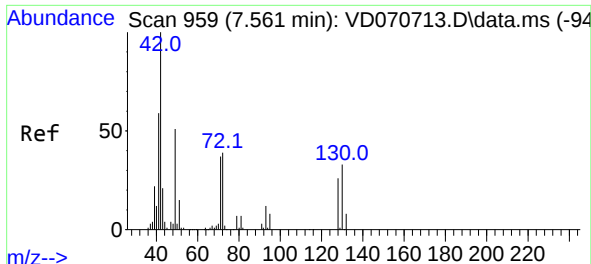
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#28
Bromochloromethane
Concen: 46.90 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:	49	Resp:	203335
Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	4.8
130	65.2	62.4	93.6





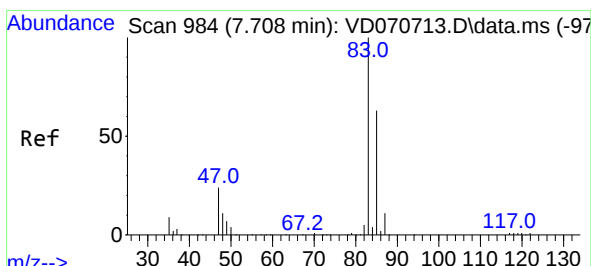
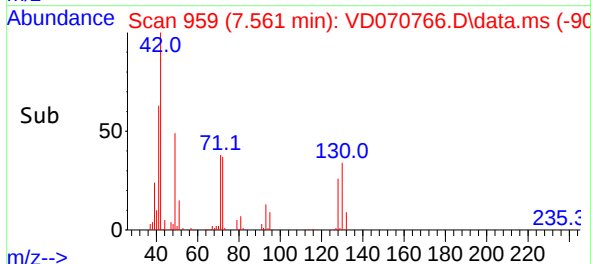
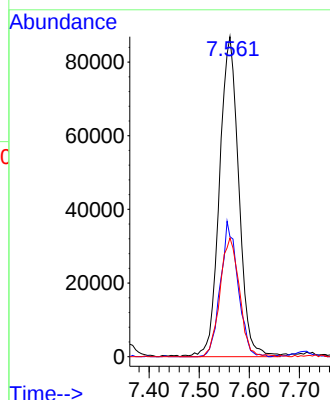
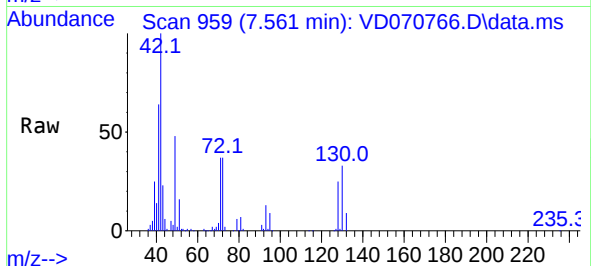
#29
Tetrahydrofuran
Concen: 246.29 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 42 Resp: 232534
Ion Ratio Lower Upper
42 100
72 38.4 40.2 60.4#
71 37.1 37.2 55.8#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

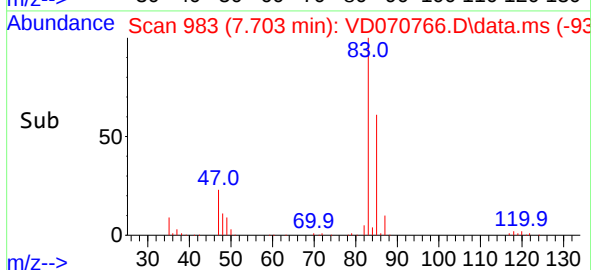
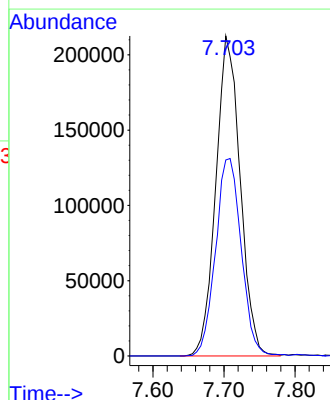
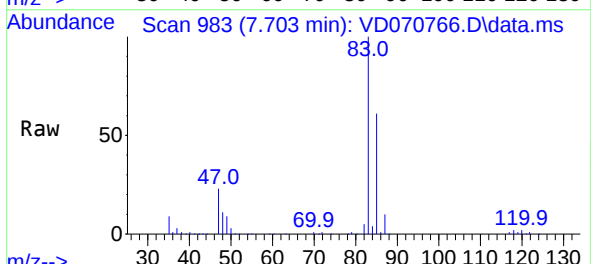
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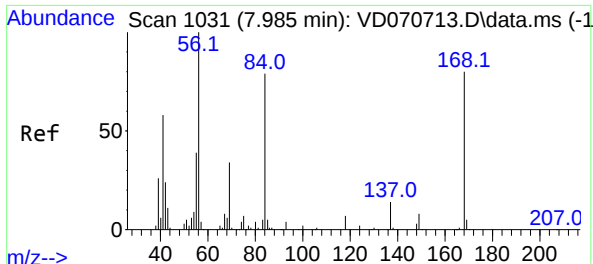
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#30
Chloroform
Concen: 47.44 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

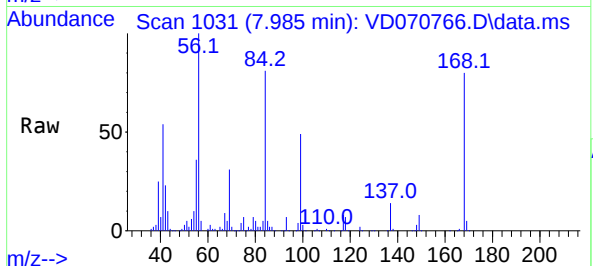
Tgt Ion: 83 Resp: 505484
Ion Ratio Lower Upper
83 100
85 61.3 51.2 76.8





#31
Cyclohexane
Concen: 47.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

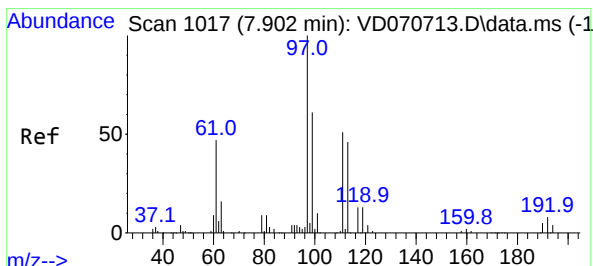
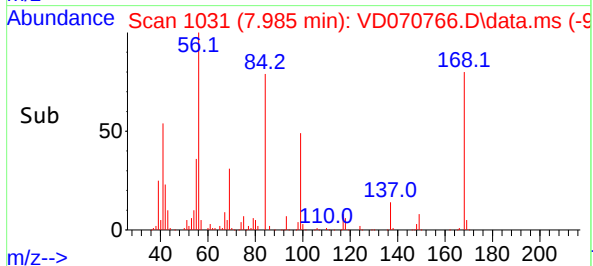
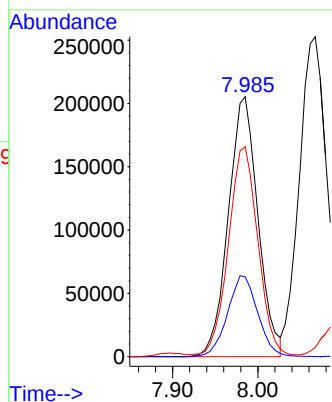
Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050



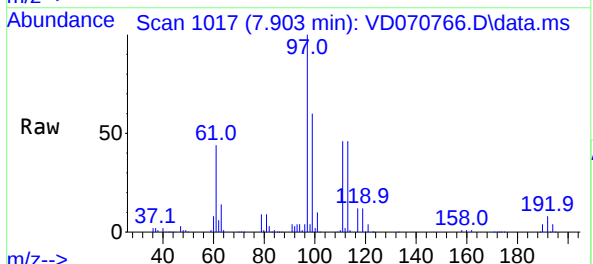
Tgt Ion: 56 Resp: 495713
Ion Ratio Lower Upper
56 100
69 30.7 27.4 41.2
84 79.5 73.6 110.4

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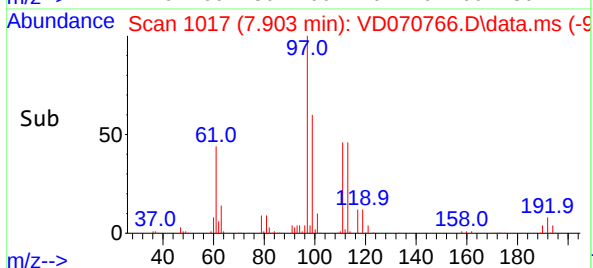
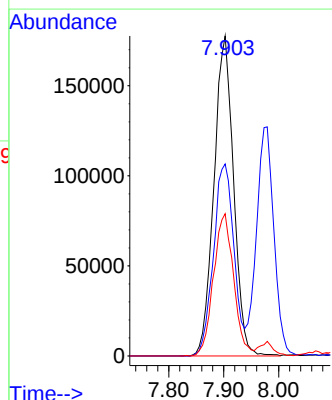
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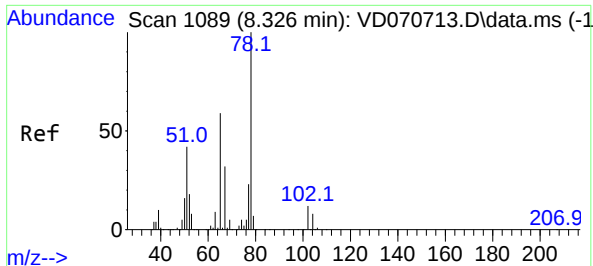


#32
1,1,1-Trichloroethane
Concen: 48.78 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



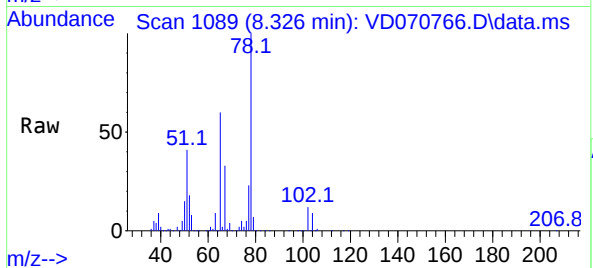
Tgt Ion: 97 Resp: 440948
Ion Ratio Lower Upper
97 100
99 62.7 50.7 76.1
61 45.8 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 48.00 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

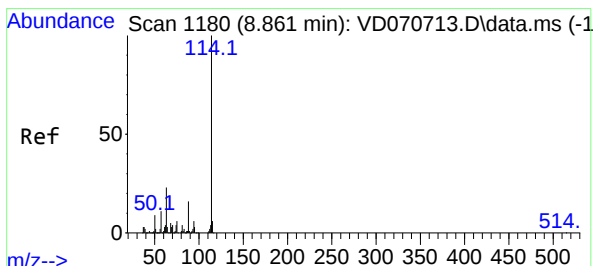
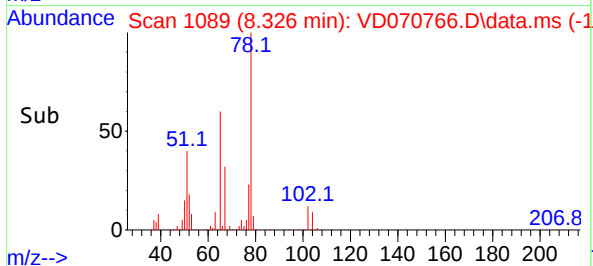
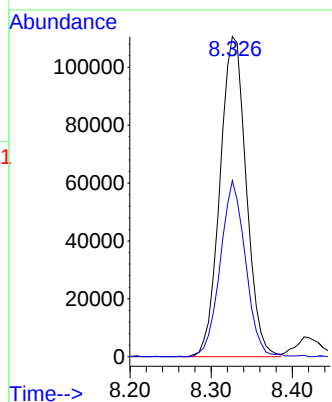
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



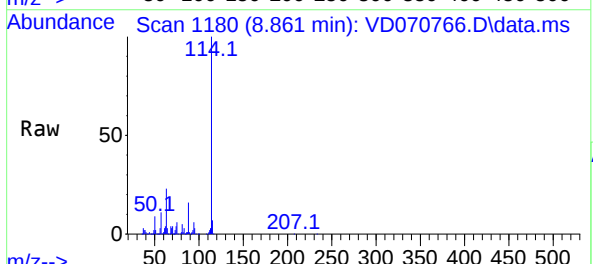
Tgt Ion: 65 Resp: 248460
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2

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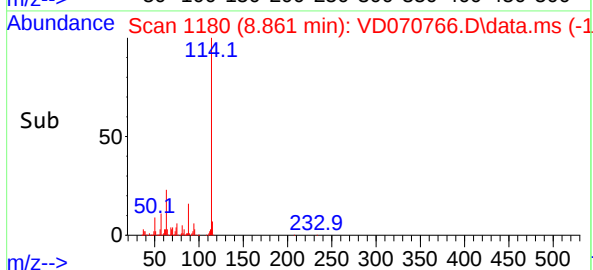
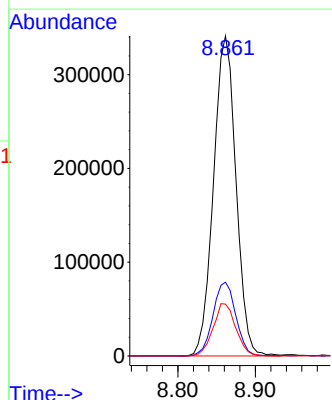
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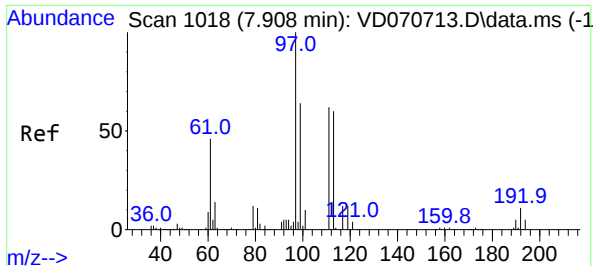


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 114 Resp: 686416
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.94 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD070766.D

Acq: 20 Oct 2021 10:27

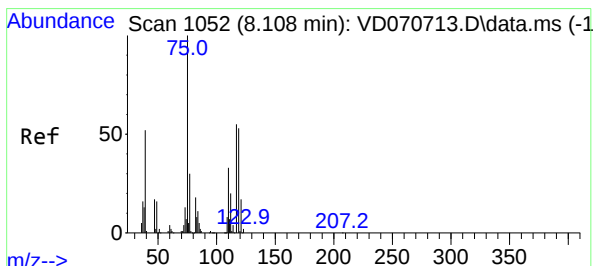
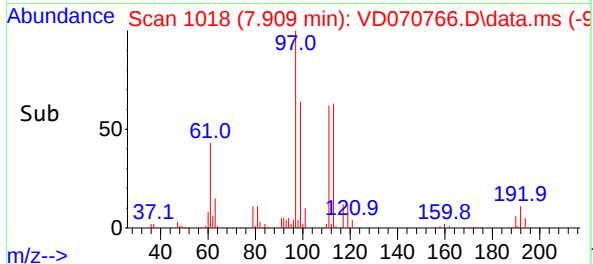
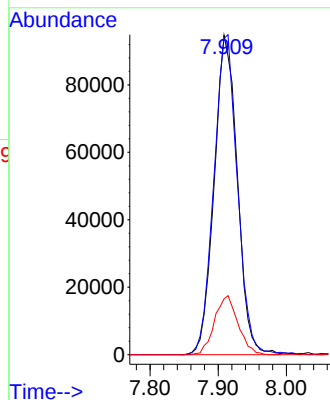
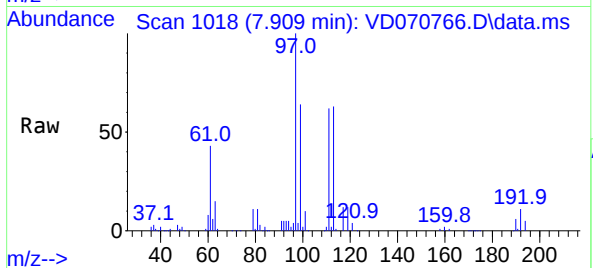
Tgt Ion:113 Resp: 223888

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

192 18.7 12.7 19.1



#36

1,1-Dichloropropene

Concen: 51.49 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070766.D

Acq: 20 Oct 2021 10:27

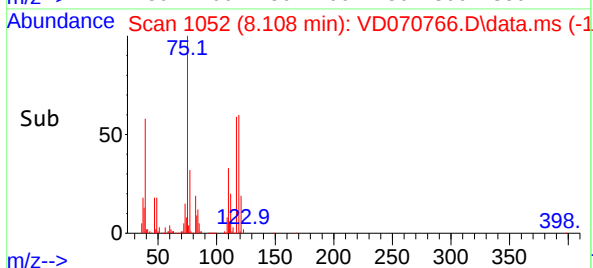
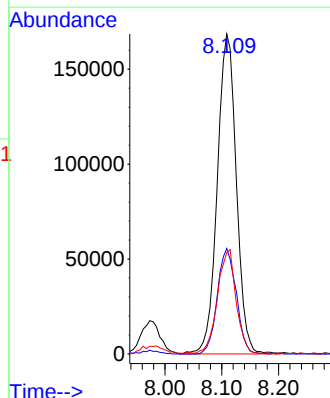
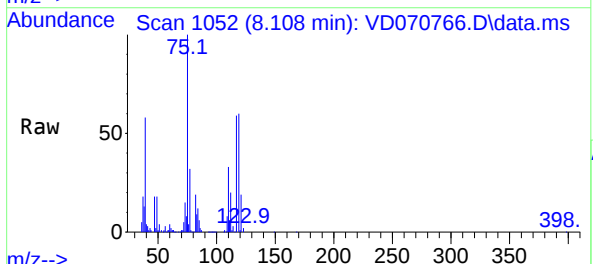
Tgt Ion: 75 Resp: 393762

Ion Ratio Lower Upper

75 100

110 32.7 17.2 51.6

77 31.7 24.2 36.4



Instrument :

MSVOA_D

ClientSampleId :

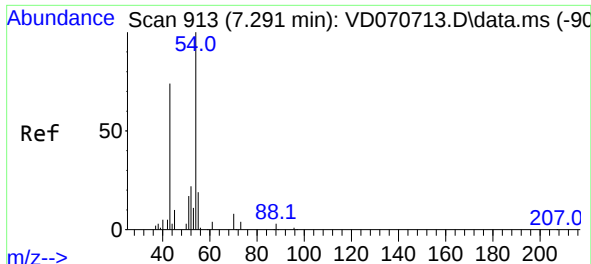
VSTDCCC050

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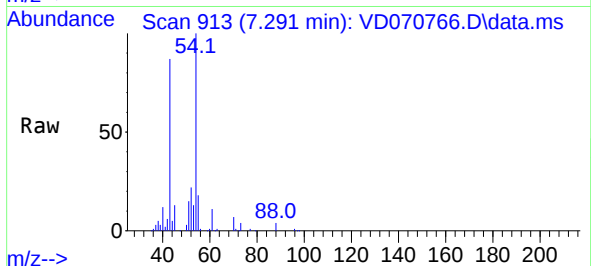
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#37
Ethyl Acetate
Concen: 54.12 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

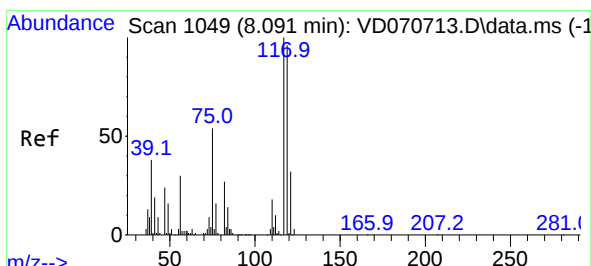
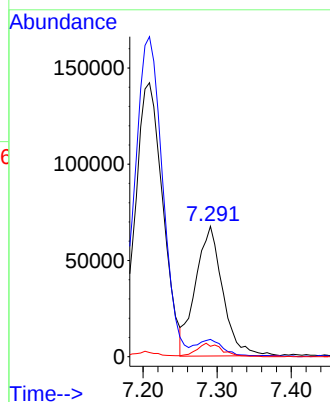
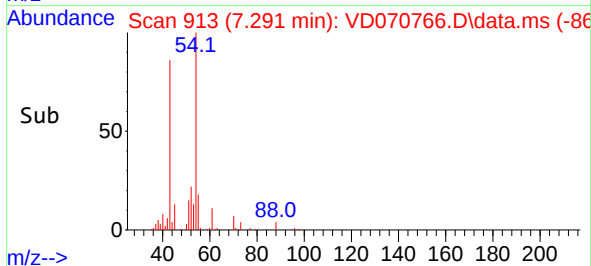
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



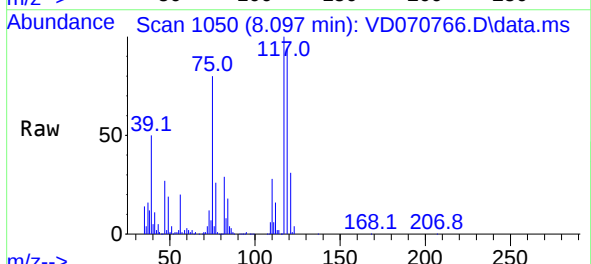
Tgt Ion: 43 Resp: 171458
Ion Ratio Lower Upper
43 100
61 12.4 12.9 19.3#
70 9.6 9.9 14.9#

Manual Integrations
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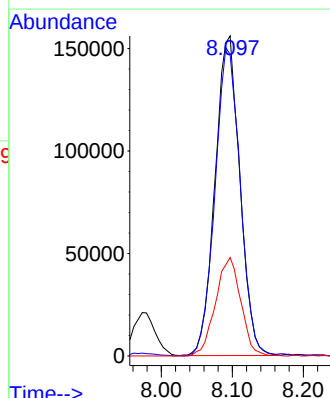
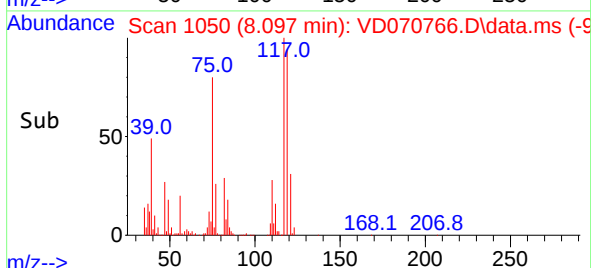
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10/21/2021 6:54:40 PM

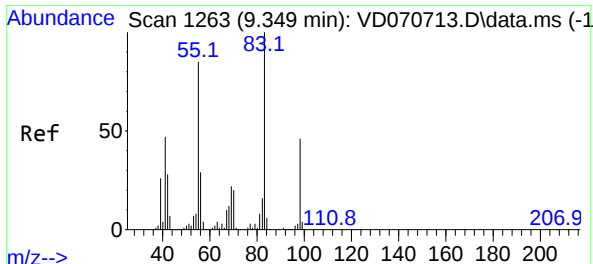


#38
Carbon Tetrachloride
Concen: 51.56 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 117 Resp: 377642
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 30.8 25.4 38.0





#39

Methylcyclohexane

Concen: 52.73 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.001 min

Lab File: VD070766.D

Acq: 20 Oct 2021 10:27

Tgt Ion: 83 Resp: 454699

Ion Ratio Lower Upper

83 100

55 87.7 58.2 87.4#

98 45.6 36.9 55.3

Instrument :

MSVOA_D

ClientSampleId :

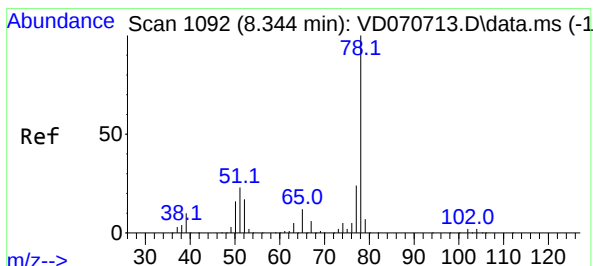
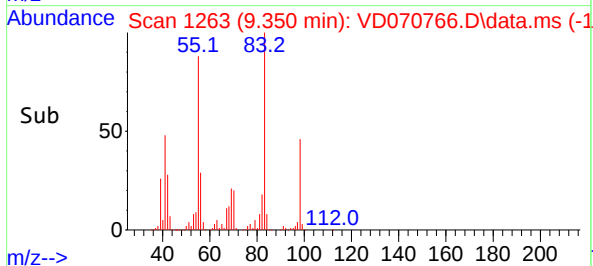
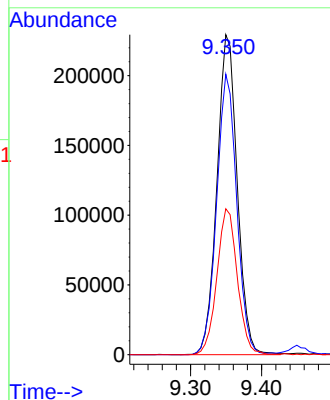
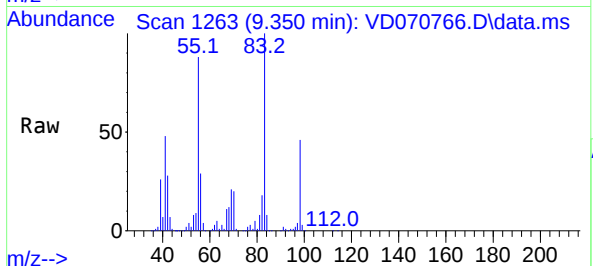
VSTDCCC050

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#40

Benzene

Concen: 50.69 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD070766.D

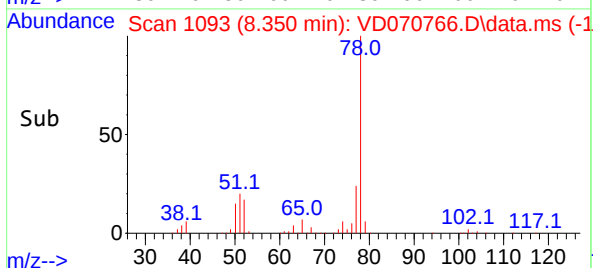
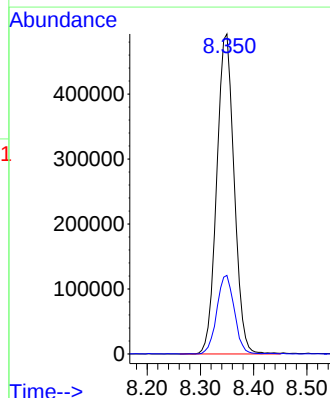
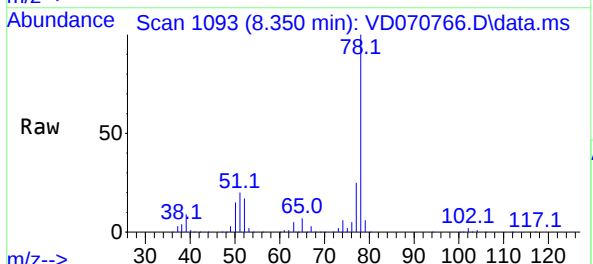
Acq: 20 Oct 2021 10:27

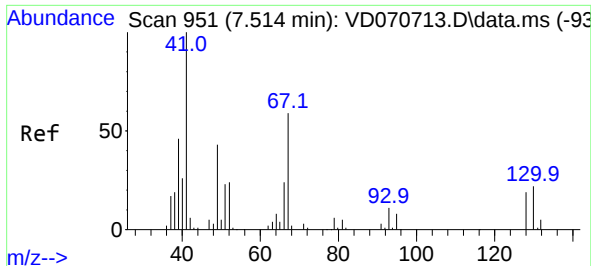
Tgt Ion: 78 Resp: 1116394

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3





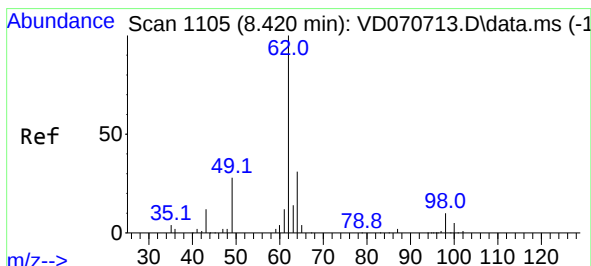
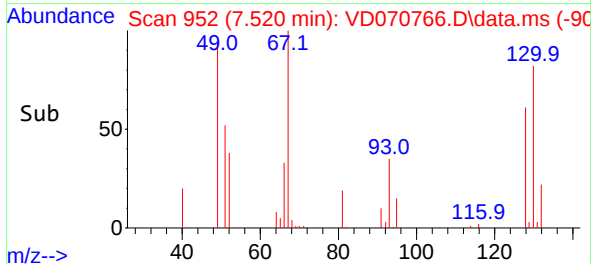
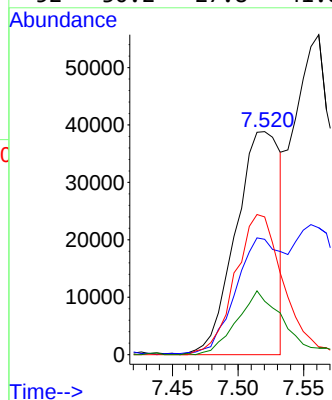
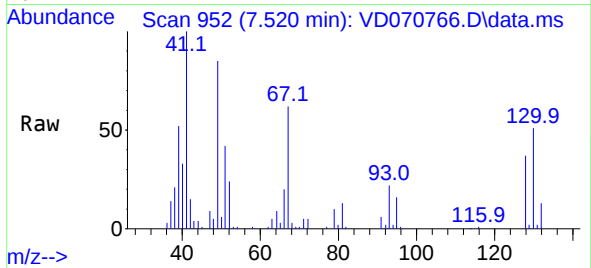
#41
Methacrylonitrile
Concen: 45.93 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 41 Resp: 91430
Ion Ratio Lower Upper
41 100
39 58.4 45.2 67.8
67 68.3 75.8 113.6#
52 30.2 27.8 41.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

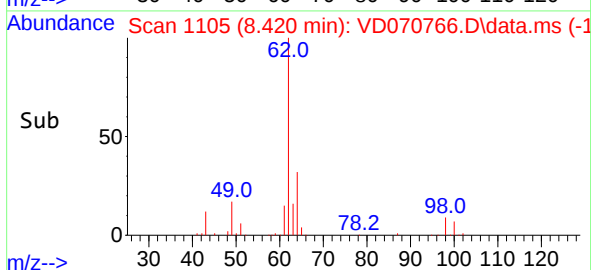
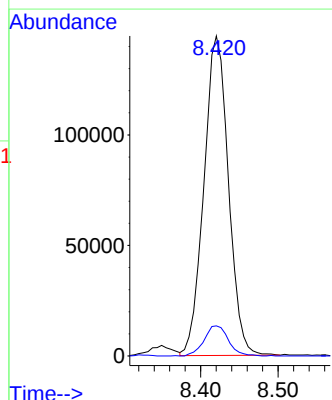
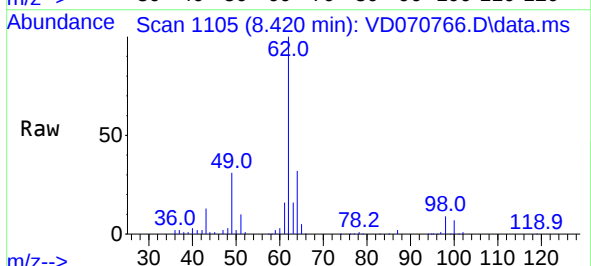
Manual Integrations
APPROVED

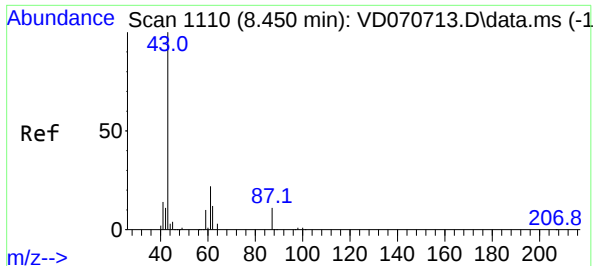
MMDadoda
10/21/2021 6:54:40 PM



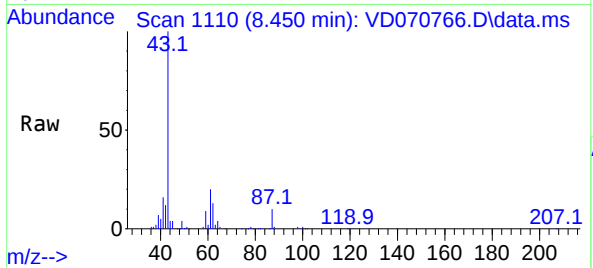
#42
1,2-Dichloroethane
Concen: 50.86 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 62 Resp: 317881
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

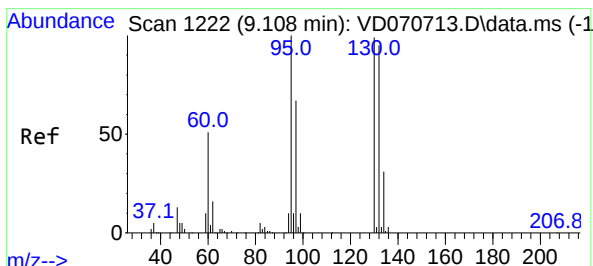
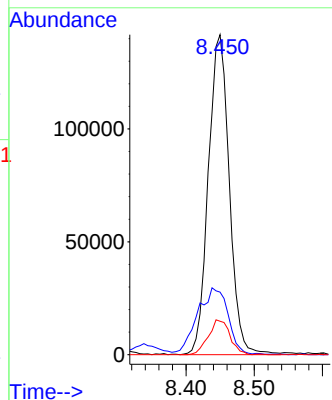
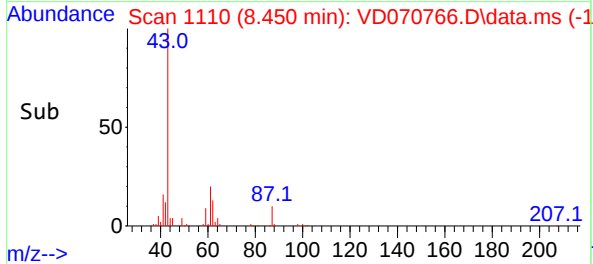




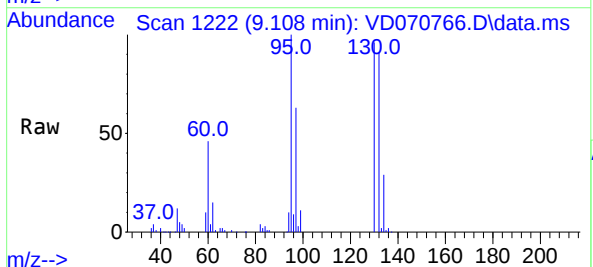
#43
Isopropyl Acetate
Concen: 50.24 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



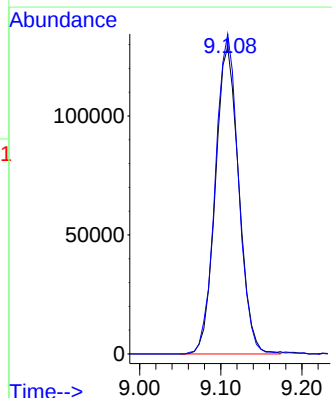
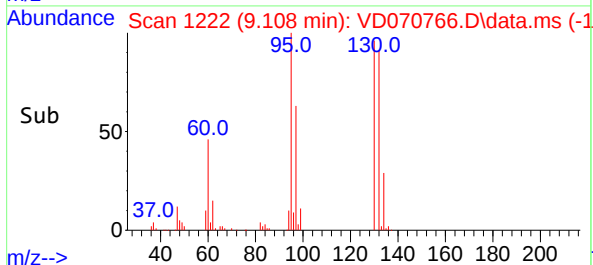
Tgt Ion: 43 Resp: 303627
Ion Ratio Lower Upper
43 100
61 30.7 29.0 43.4
87 11.2 11.8 17.6#



#44
Trichloroethene
Concen: 50.15 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



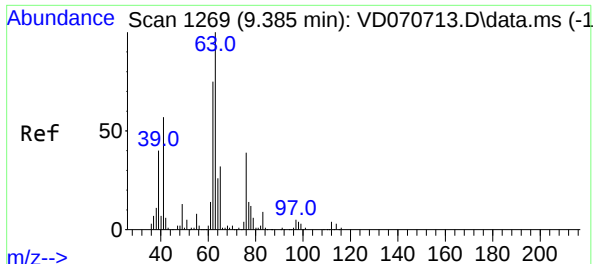
Tgt Ion: 130 Resp: 259350
Ion Ratio Lower Upper
130 100
95 104.3 0.0 200.8



Instrument :
MSVOA_D
ClientSampleId :
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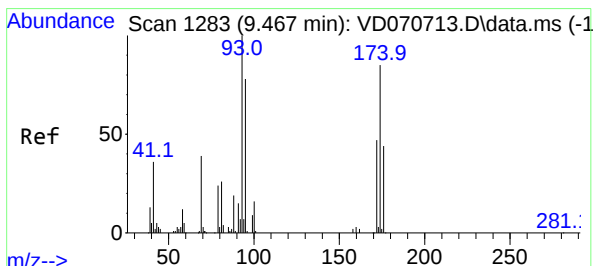
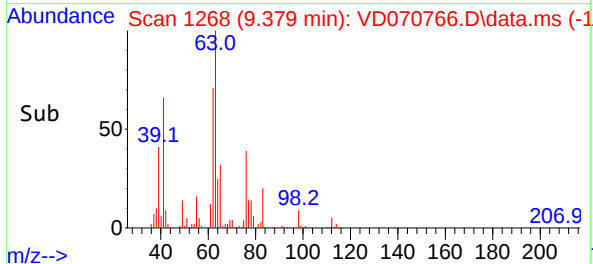
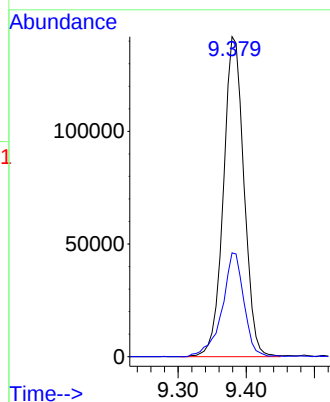
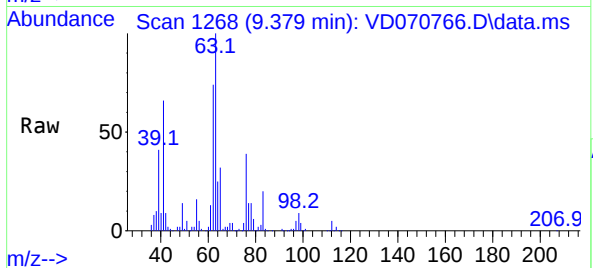
#45
1,2-Dichloropropane
Concen: 51.18 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 63 Resp: 297818
Ion Ratio Lower Upper
63 100
65 32.5 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
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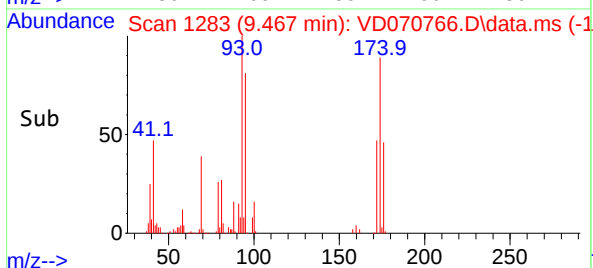
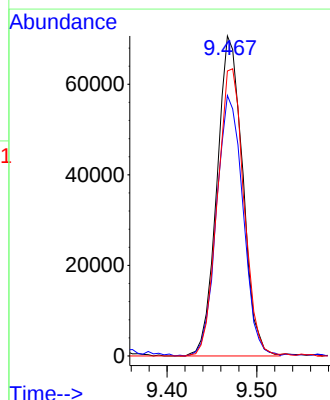
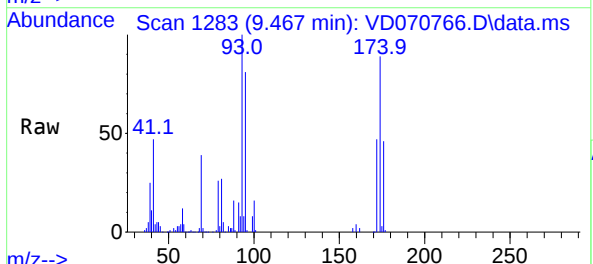
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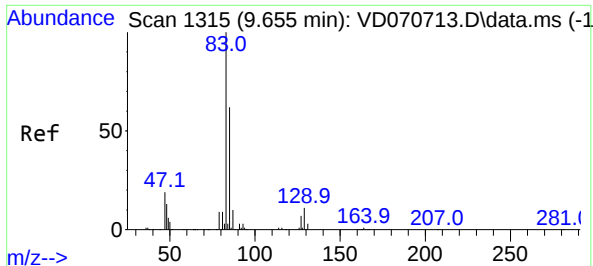
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#46
Dibromomethane
Concen: 50.49 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

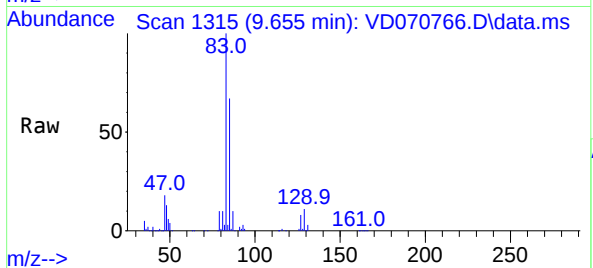
Tgt Ion: 93 Resp: 140689
Ion Ratio Lower Upper
93 100
95 84.0 66.5 99.7
174 92.3 66.7 100.1





#47
Bromodichloromethane
Concen: 51.14 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

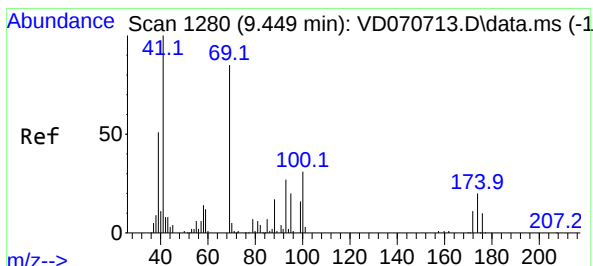
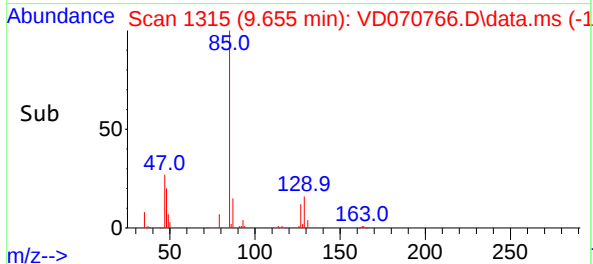
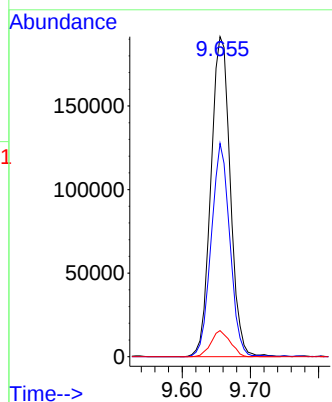
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



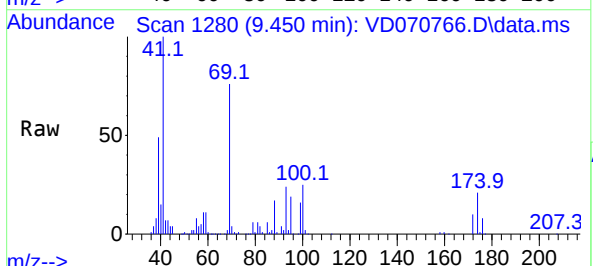
Tgt Ion: 83 Resp: 378016
Ion Ratio Lower Upper
83 100
85 66.7 50.7 76.1
127 8.2 6.5 9.7

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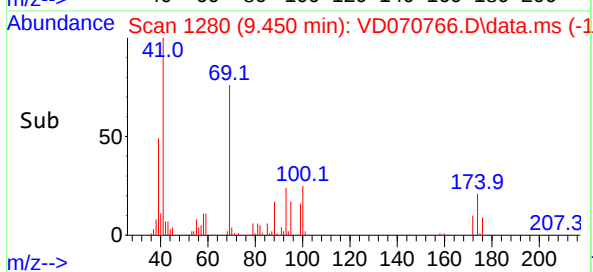
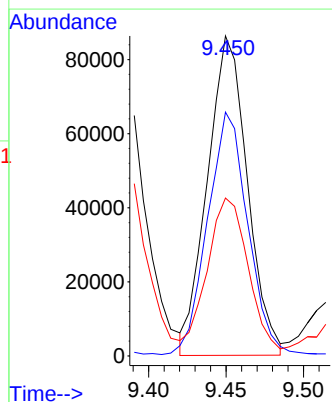
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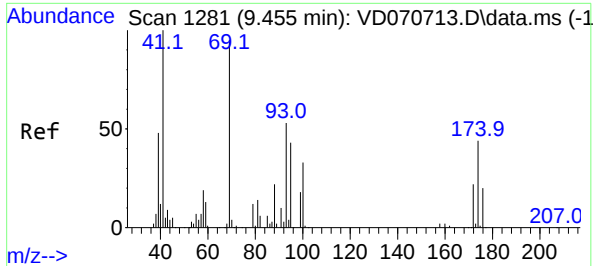


#48
Methyl methacrylate
Concen: 52.17 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



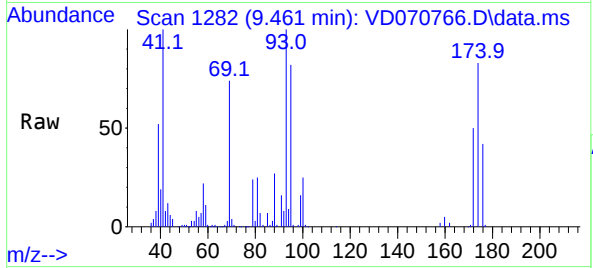
Tgt Ion: 41 Resp: 154447
Ion Ratio Lower Upper
41 100
69 78.4 78.5 117.7#
39 46.8 34.9 52.3





#49
1,4-Dioxane
Concen: 1077.37 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

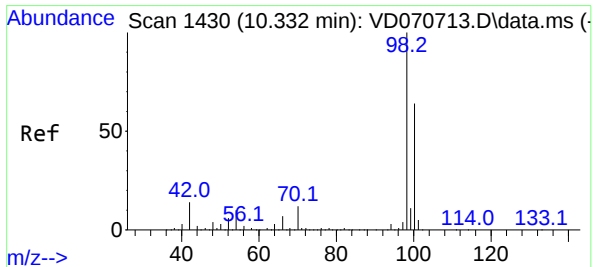
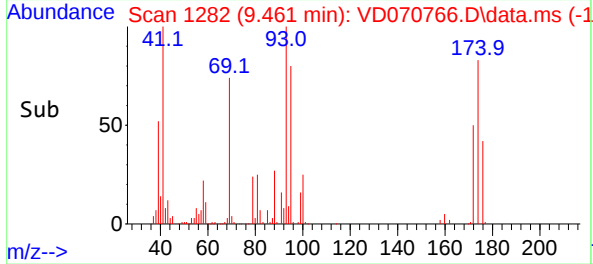
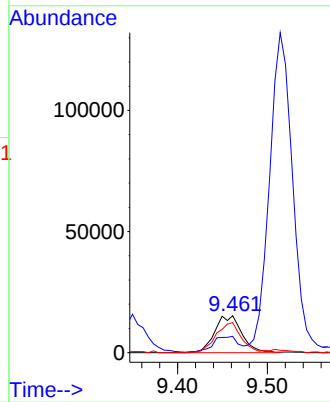
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 32234
Ion Ratio Lower Upper
88 100
43 38.9 25.1 37.7#
58 74.9 57.4 86.0

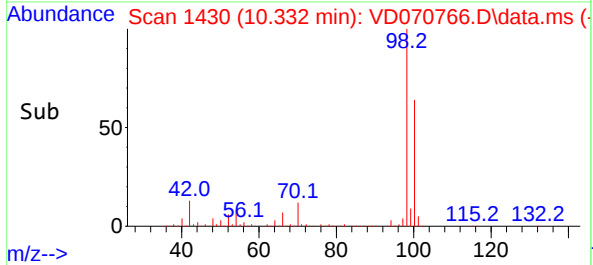
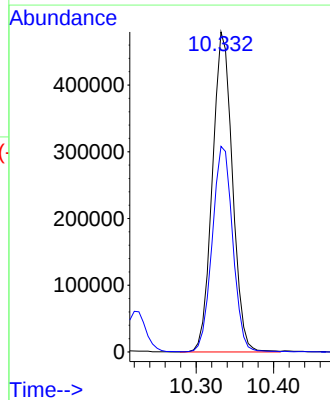
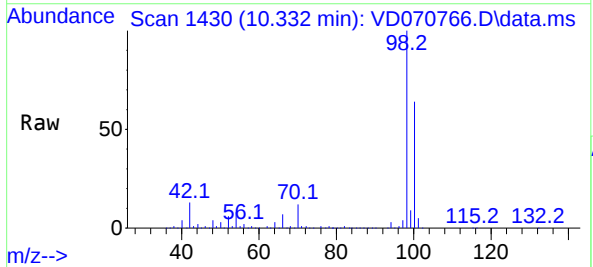
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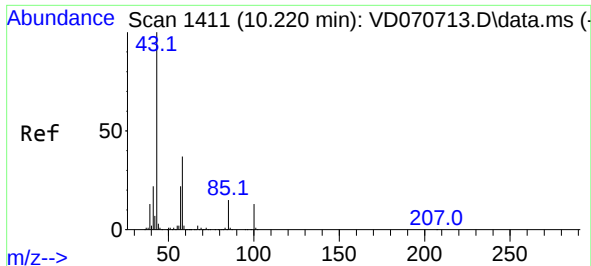
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#50
Toluene-d8
Concen: 51.12 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 98 Resp: 861235
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4





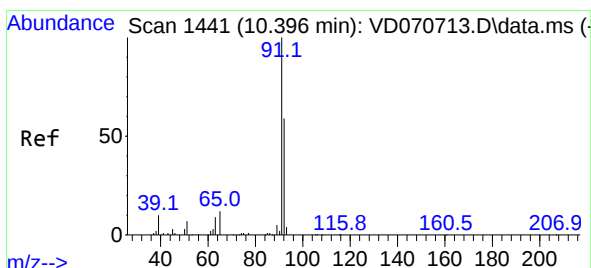
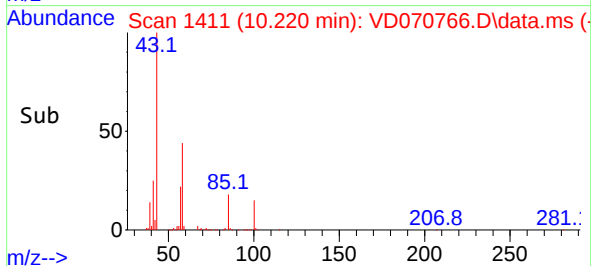
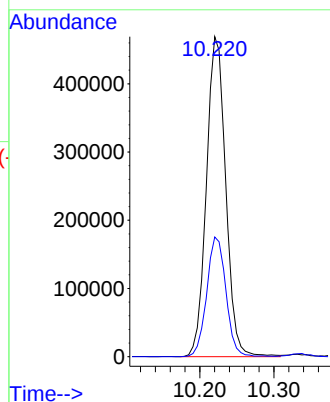
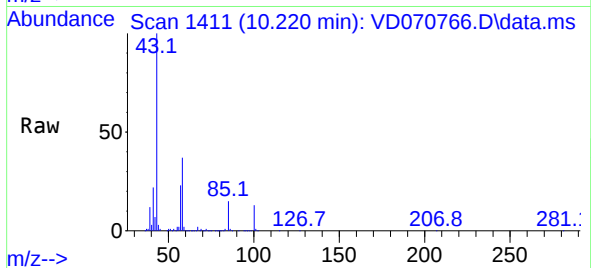
#51
4-Methyl-2-Pentanone
Concen: 266.60 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 43 Resp: 849200
Ion Ratio Lower Upper
43 100
58 37.2 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
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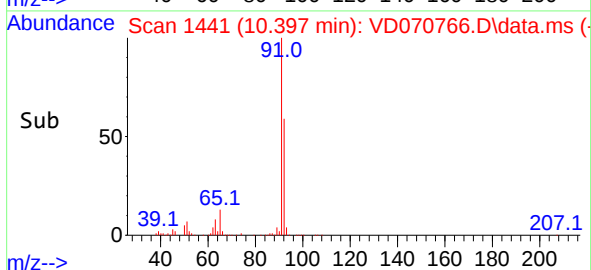
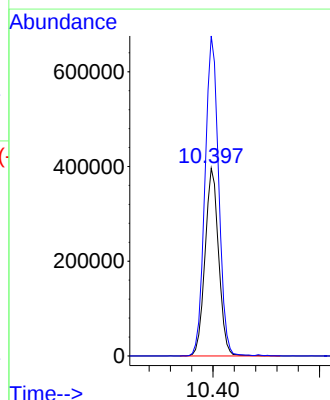
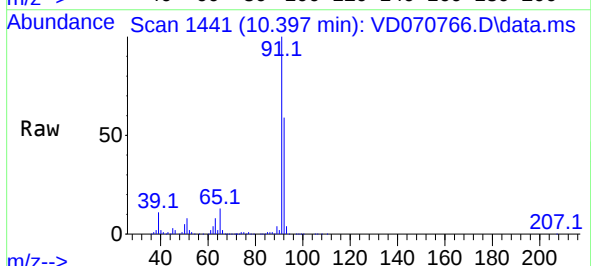
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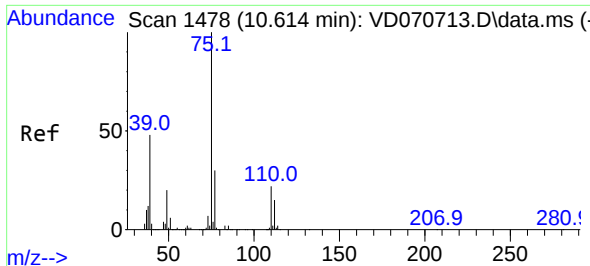
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#52
Toluene
Concen: 53.41 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 92 Resp: 700223
Ion Ratio Lower Upper
92 100
91 171.9 136.3 204.5





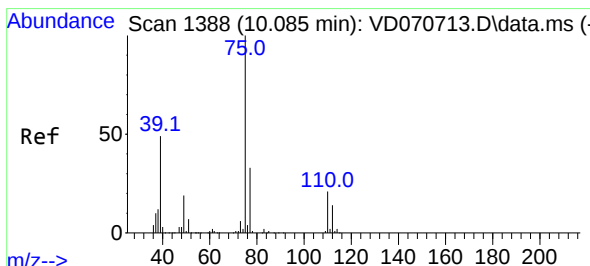
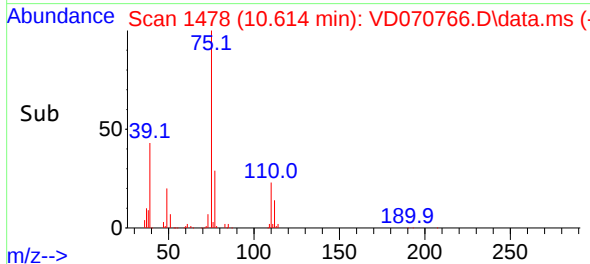
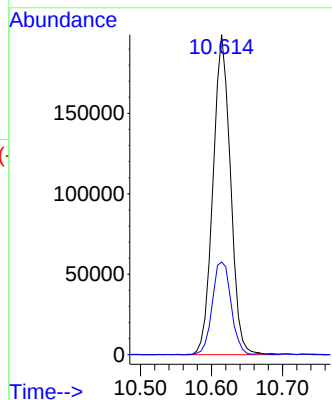
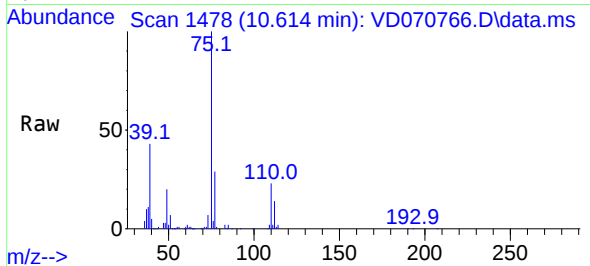
#53
t-1,3-Dichloropropene
Concen: 51.44 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 75 Resp: 339640
Ion Ratio Lower Upper
75 100
77 28.9 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

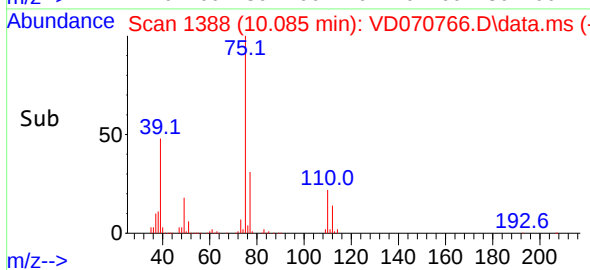
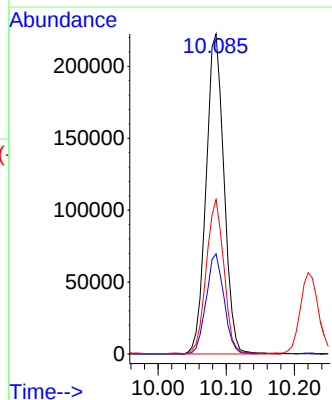
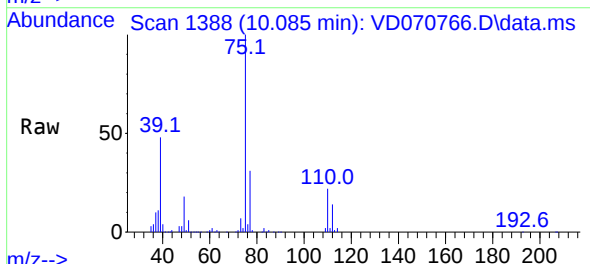
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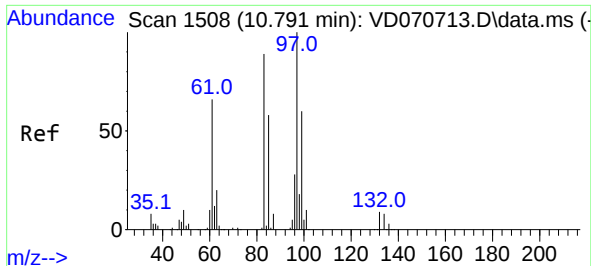
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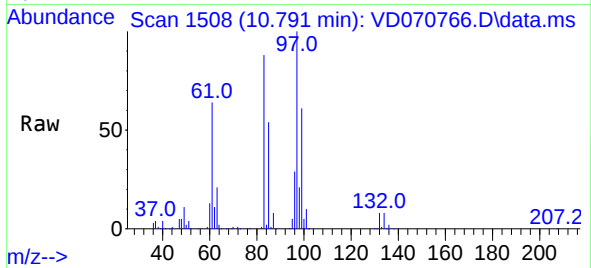
#54
cis-1,3-Dichloropropene
Concen: 51.47 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 75 Resp: 406803
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 48.1 27.8 41.6#

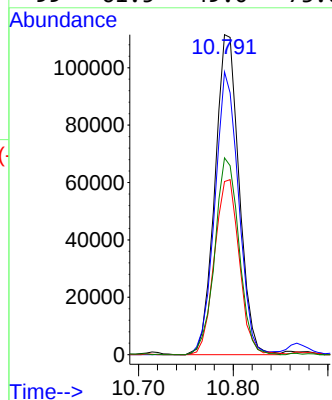




#55
1,1,2-Trichloroethane
Concen: 51.64 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



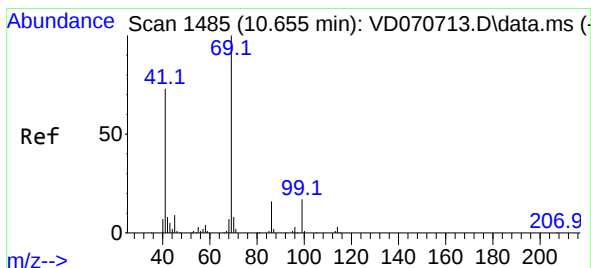
Tgt Ion:	97	Resp:	197619
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.1	103.7
85	54.1	43.0	64.6
99	61.5	49.0	73.6



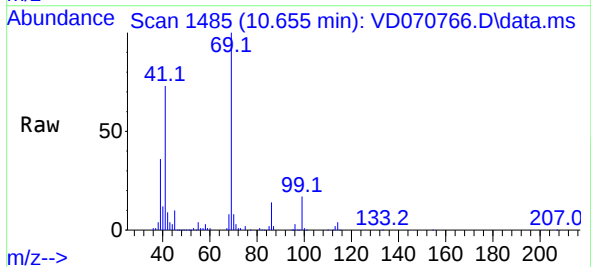
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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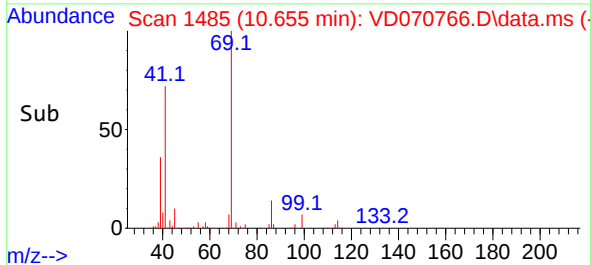
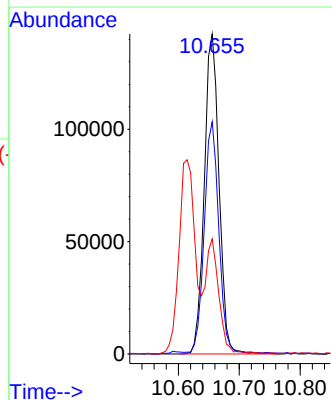
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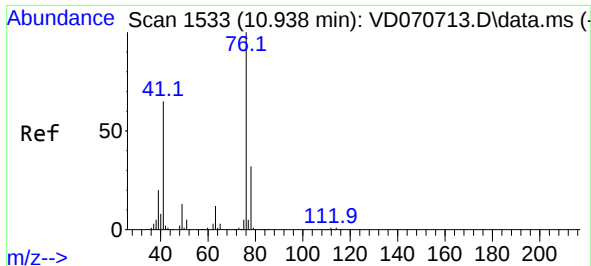


#56
Ethyl methacrylate
Concen: 46.35 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

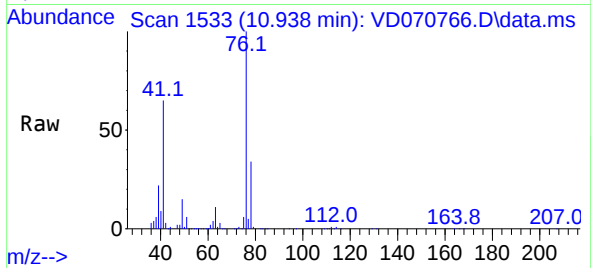


Tgt Ion:	69	Resp:	239576
Ion	Ratio	Lower	Upper
69	100		
41	70.5	44.7	67.1#
39	31.7	19.5	29.3#

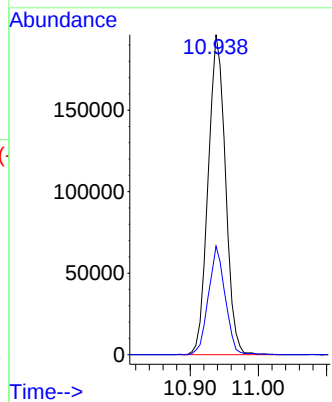
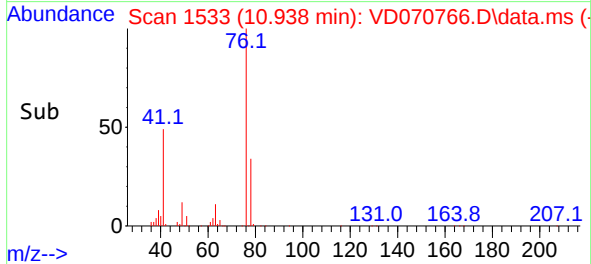




#57
1,3-Dichloropropane
Concen: 51.13 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



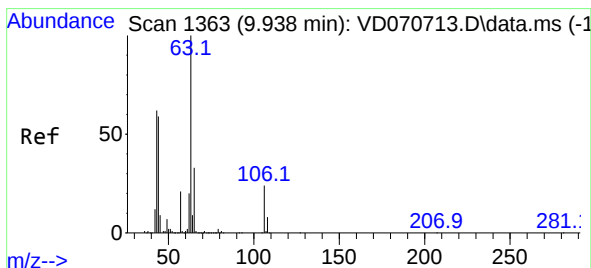
Tgt Ion: 76 Resp: 347130
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



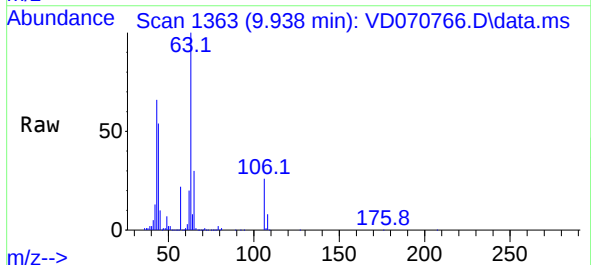
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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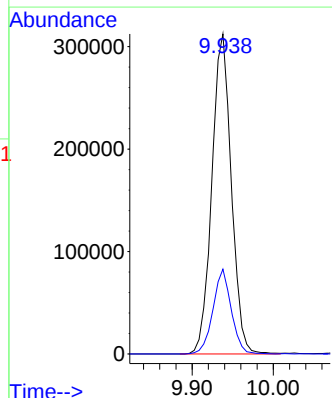
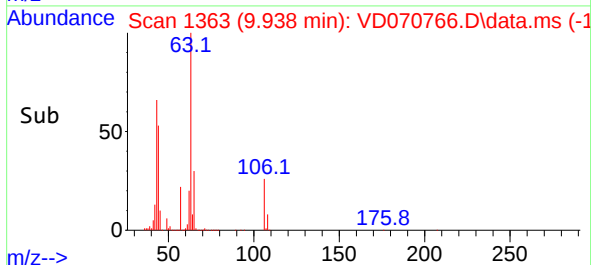
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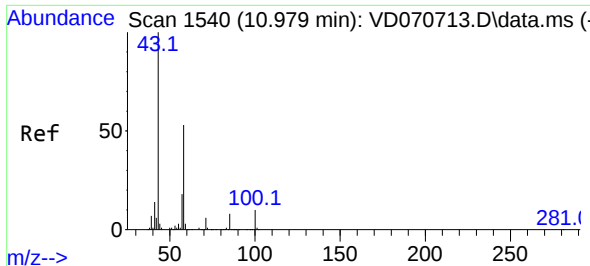


#58
2-Chloroethyl Vinyl ether
Concen: 257.65 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion: 63 Resp: 519317
Ion Ratio Lower Upper
63 100
106 24.9 22.3 33.5





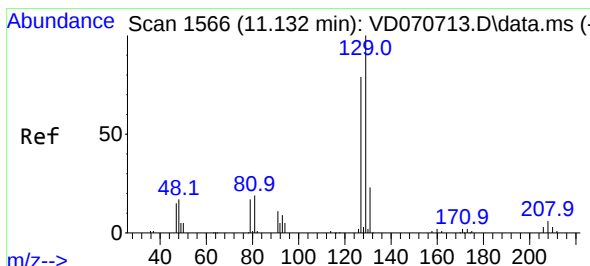
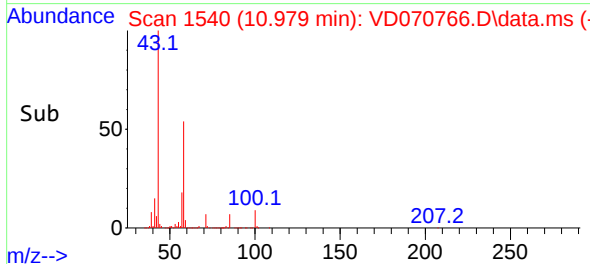
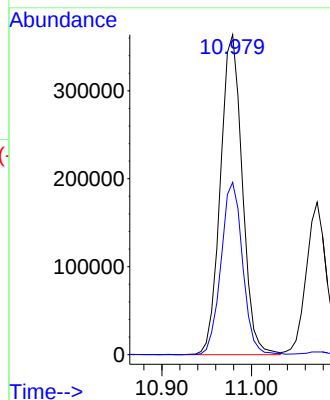
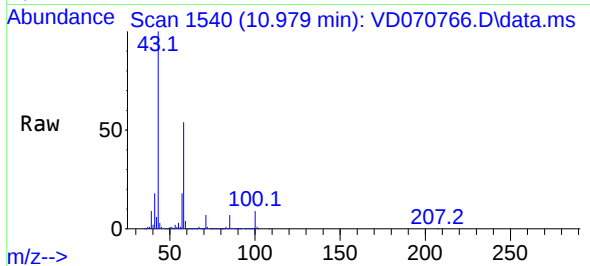
#59
2-Hexanone
Concen: 274.64 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 43 Resp: 615742
Ion Ratio Lower Upper
43 100
58 53.1 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

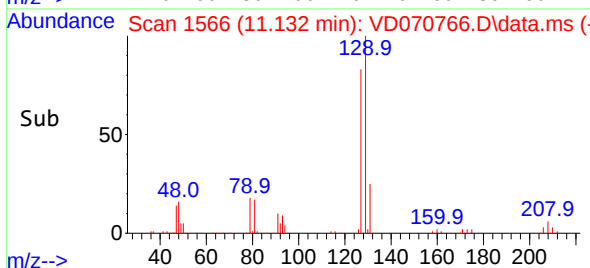
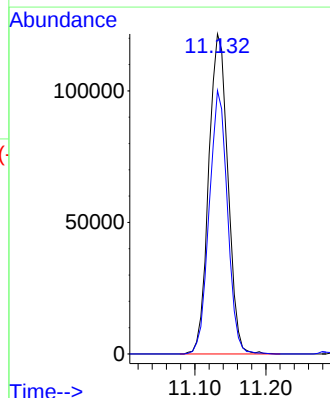
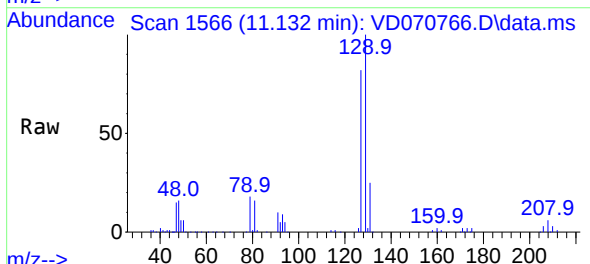
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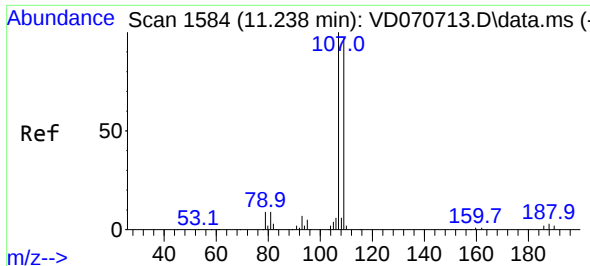
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#60
Dibromochloromethane
Concen: 51.83 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

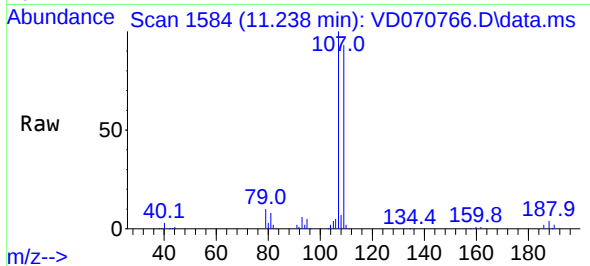
Tgt Ion:129 Resp: 227974
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.16 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

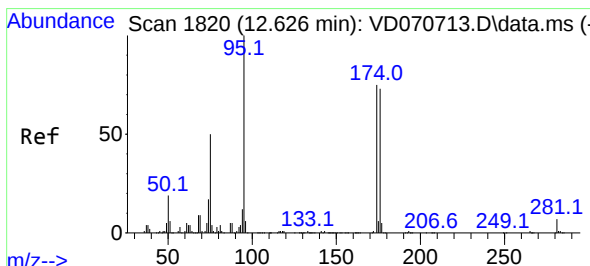
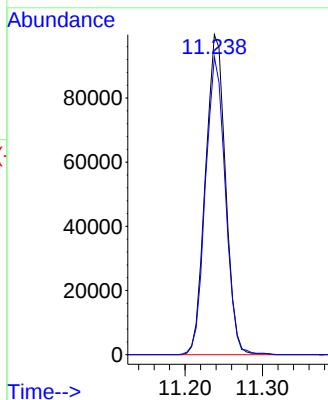
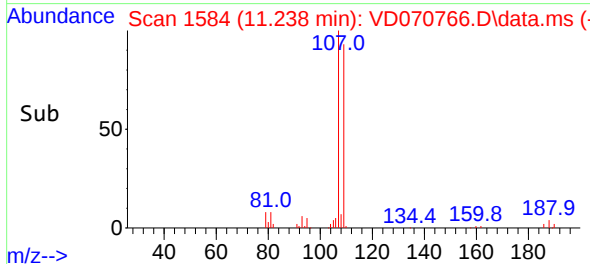
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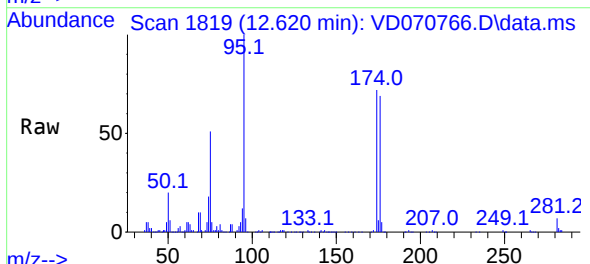
Tgt Ion:107 Resp: 179135
Ion Ratio Lower Upper
107 100
109 92.4 75.0 112.6

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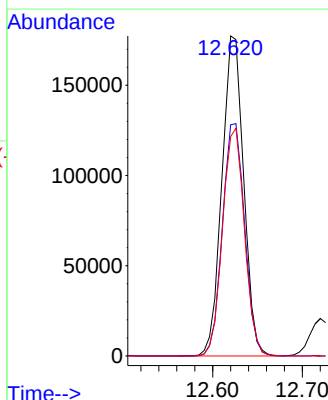
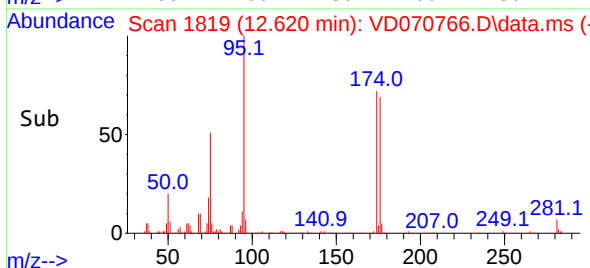
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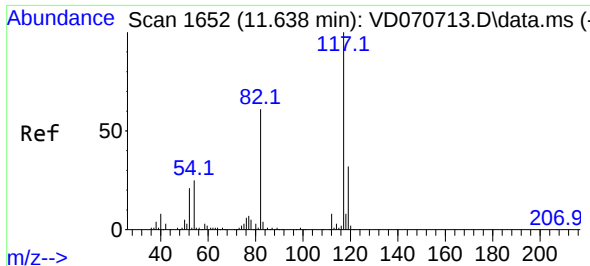


#62
4-Bromofluorobenzene
Concen: 51.43 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



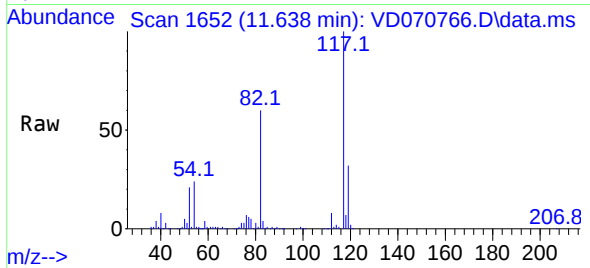
Tgt Ion: 95 Resp: 298336
Ion Ratio Lower Upper
95 100
174 74.2 0.0 138.0
176 71.6 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

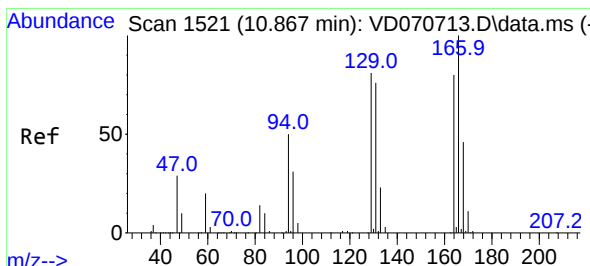
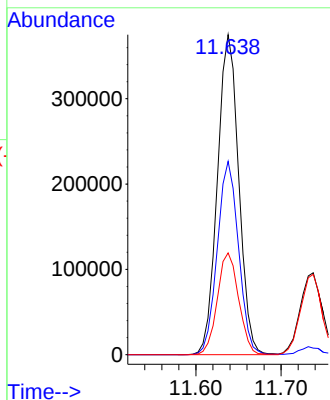
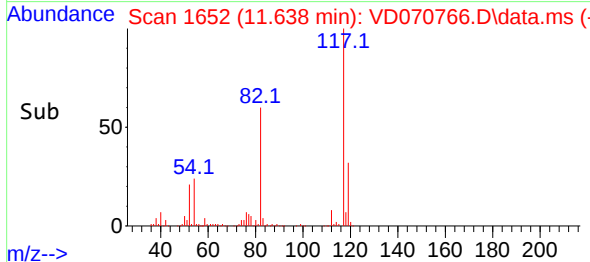
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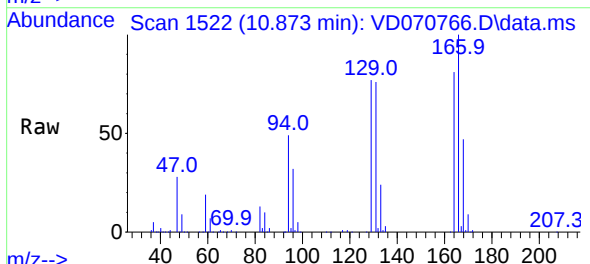
Tgt Ion:117 Resp: 653734
Ion Ratio Lower Upper
117 100
82 60.4 45.4 68.2
119 31.8 24.7 37.1

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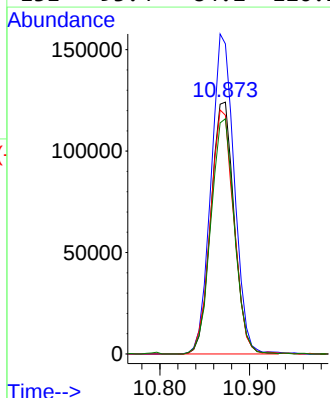
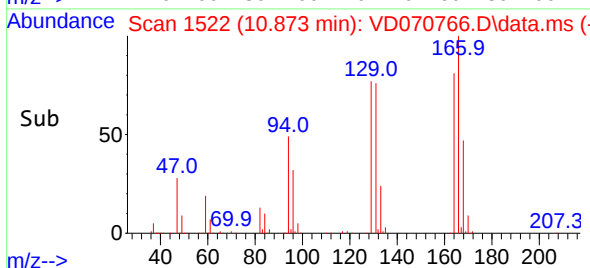
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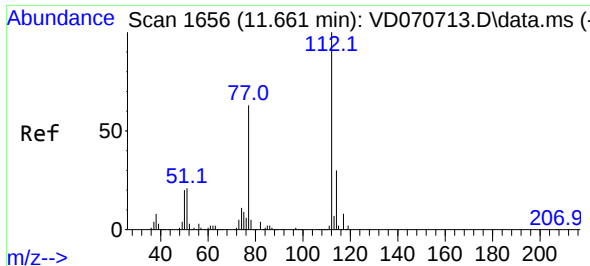


#64
Tetrachloroethene
Concen: 50.75 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion:164 Resp: 222934
Ion Ratio Lower Upper
164 100
166 123.1 105.8 158.6
129 94.8 83.8 125.6
131 93.4 84.2 126.2





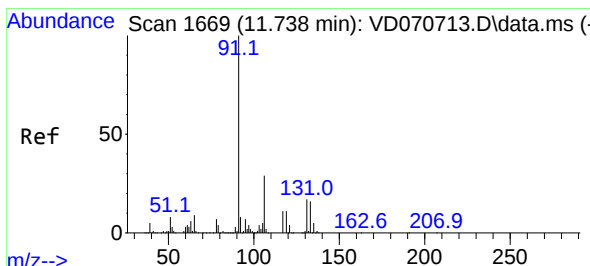
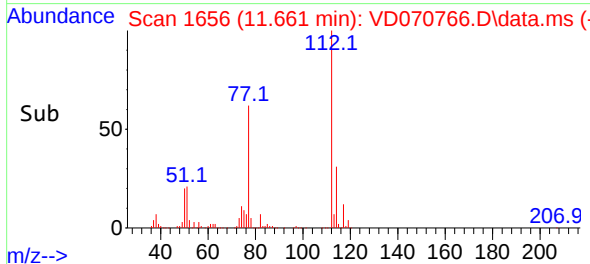
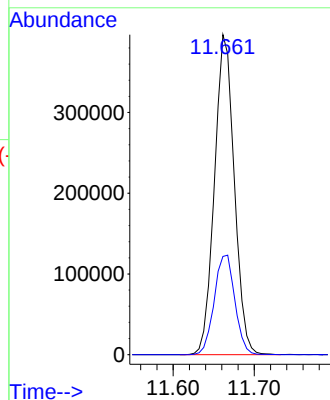
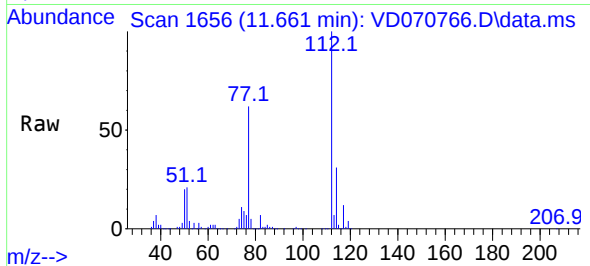
#65
Chlorobenzene
Concen: 50.19 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

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Tgt Ion:112 Resp: 672914
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9

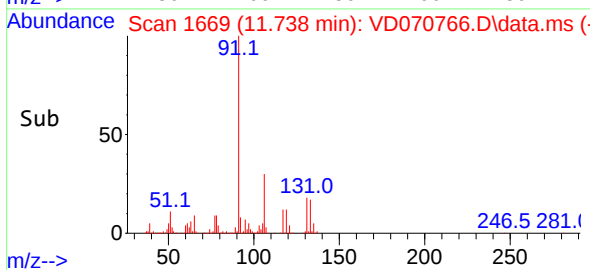
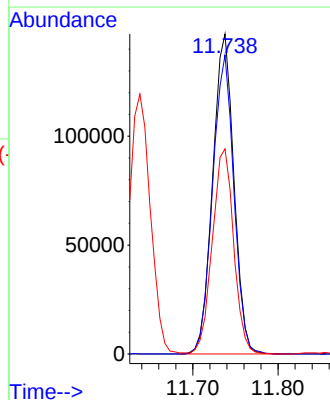
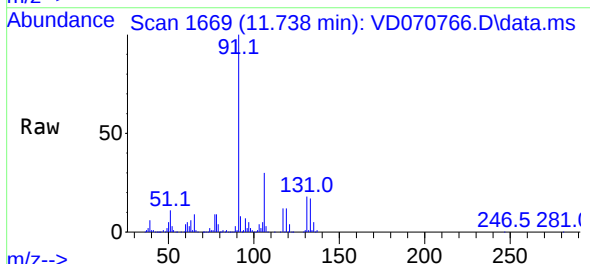
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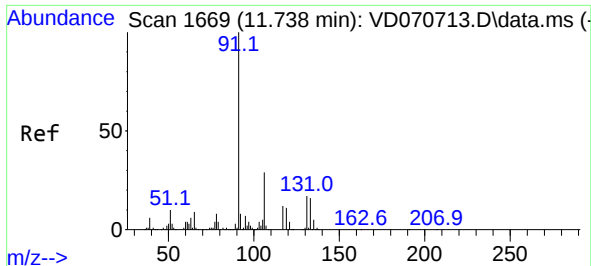
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.04 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:131 Resp: 253197
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 64.8 32.6 97.7





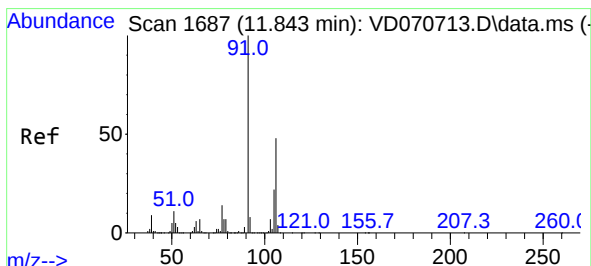
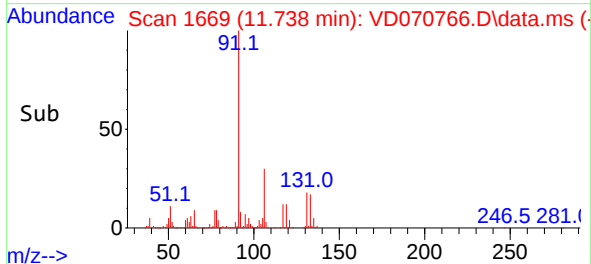
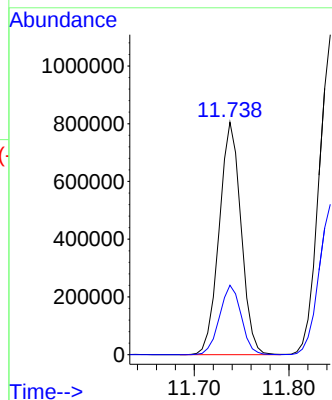
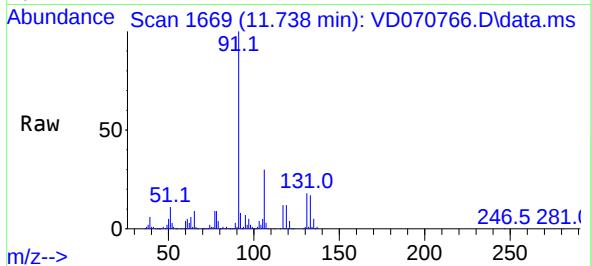
#67
Ethyl Benzene
Concen: 52.68 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 91 Resp: 1291458
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

Instrument :
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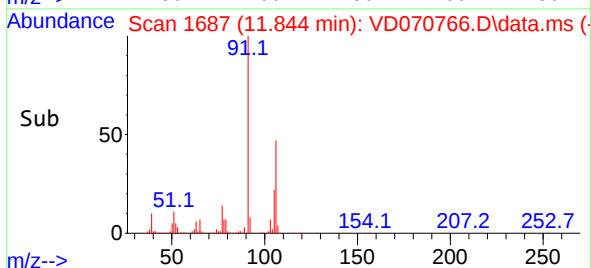
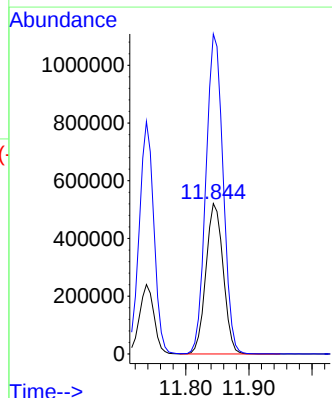
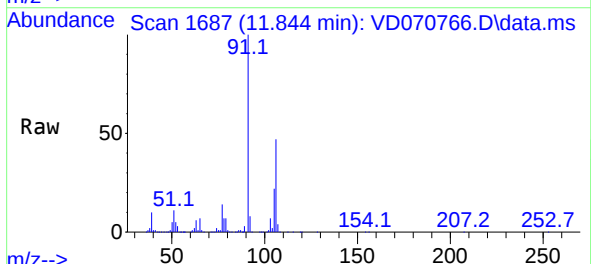
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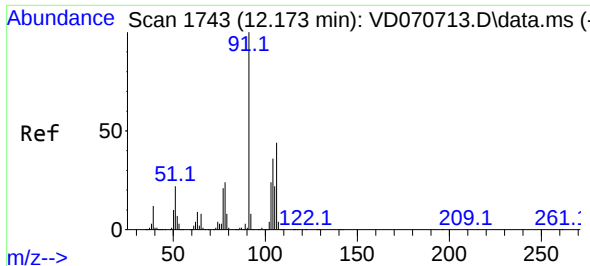
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#68
m/p-Xylenes
Concen: 106.48 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

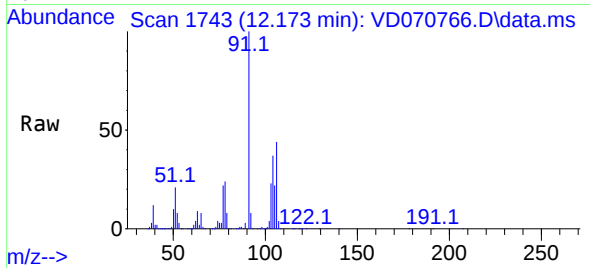
Tgt Ion:106 Resp: 988894
Ion Ratio Lower Upper
106 100
91 211.4 162.7 244.1





#69
o-Xylene
Concen: 51.96 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

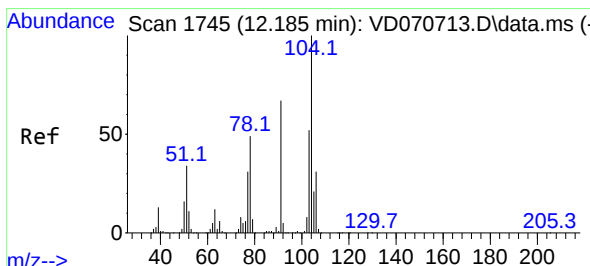
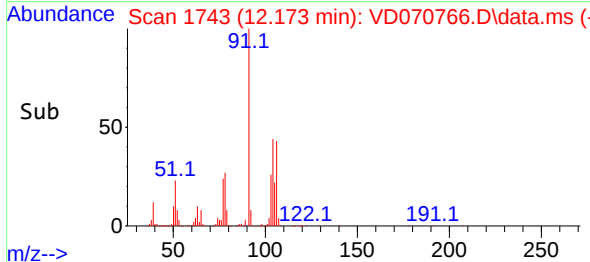
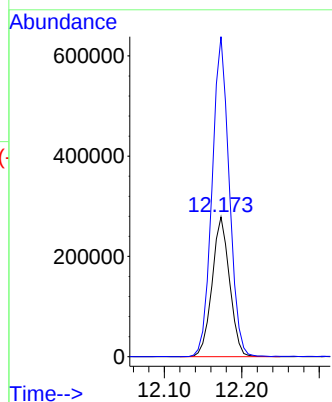
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



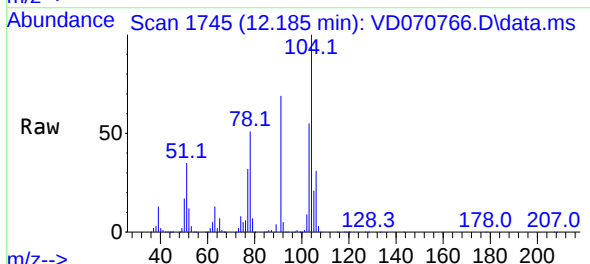
Tgt Ion:106 Resp: 437745
Ion Ratio Lower Upper
106 100
91 225.1 107.8 323.6

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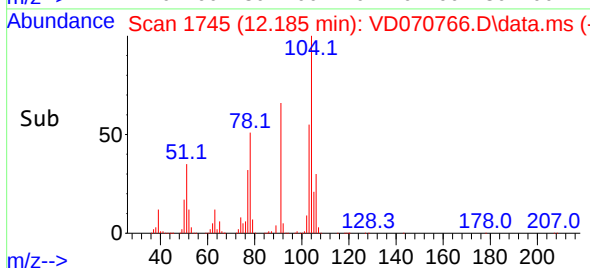
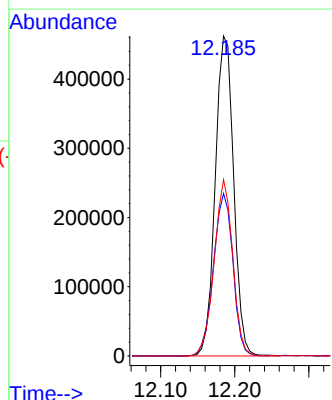
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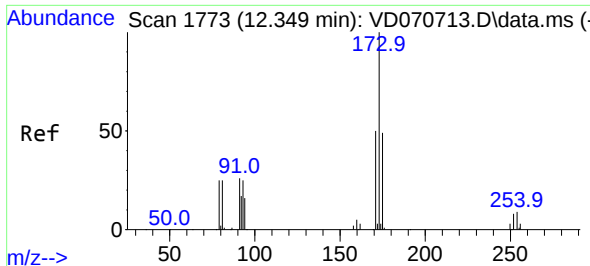


#70
Styrene
Concen: 54.46 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion:104 Resp: 797480
Ion Ratio Lower Upper
104 100
78 53.7 39.8 59.6
103 55.7 43.4 65.2





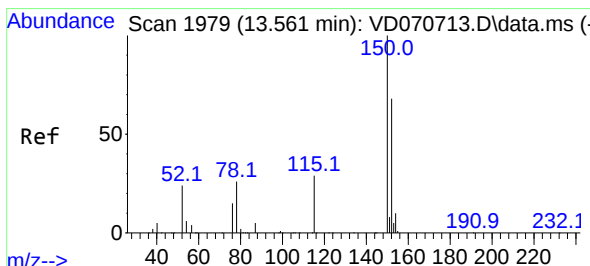
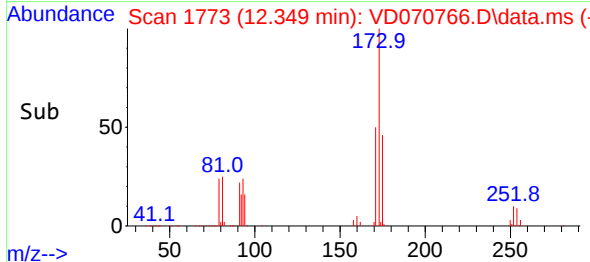
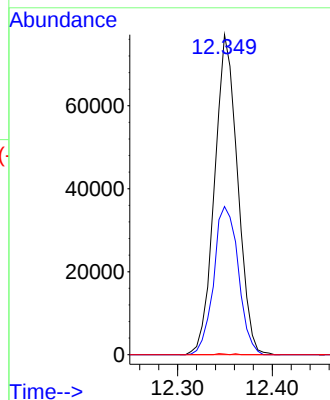
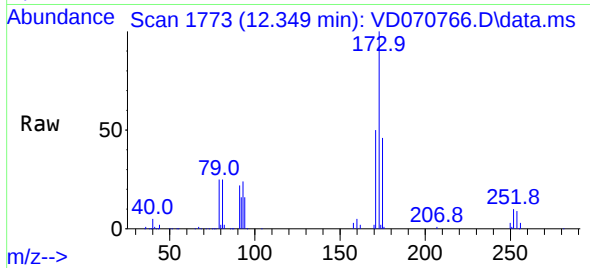
#71
Bromoform
Concen: 50.75 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:173 Resp: 130724
Ion Ratio Lower Upper
173 100
175 49.3 24.4 73.4
254 0.1 0.0 0.0#

Instrument :
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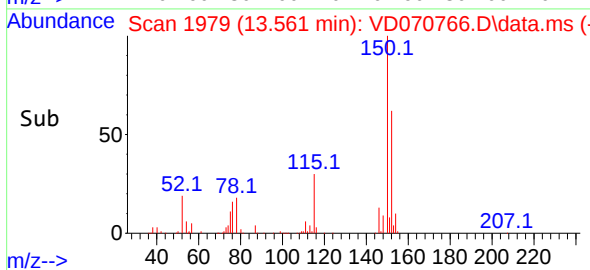
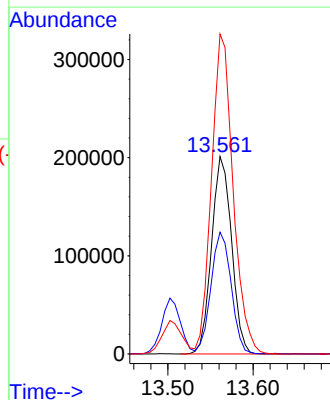
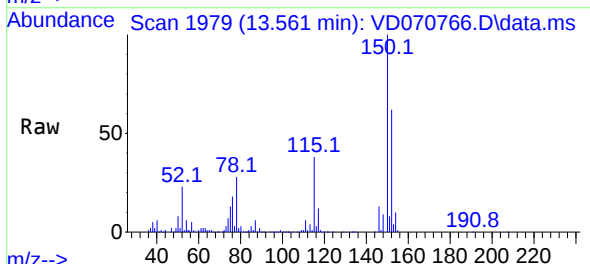
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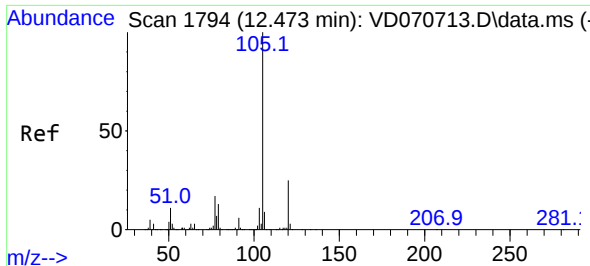
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:152 Resp: 328163
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.7
150 174.7 0.0 350.0





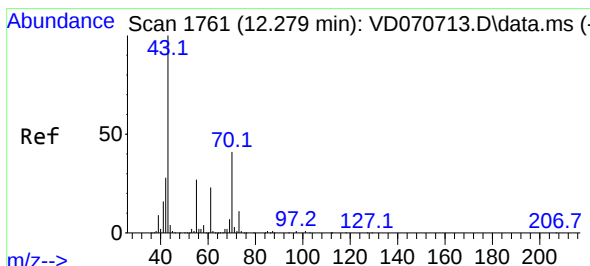
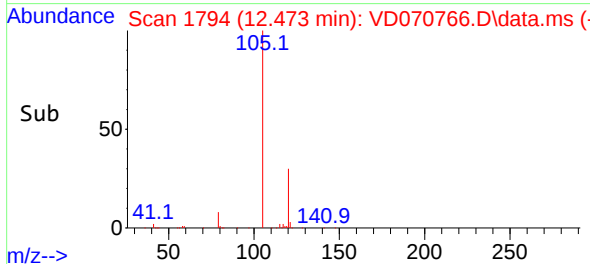
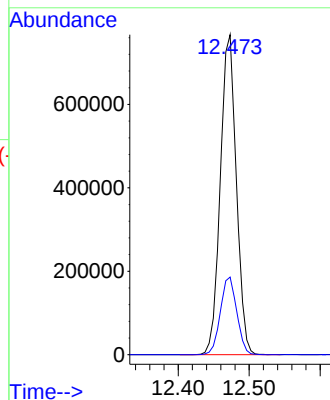
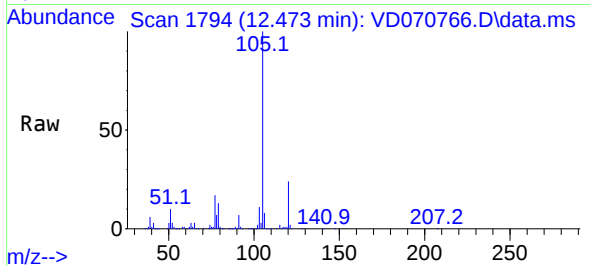
#73
Isopropylbenzene
Concen: 51.11 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:105 Resp: 1194987
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3

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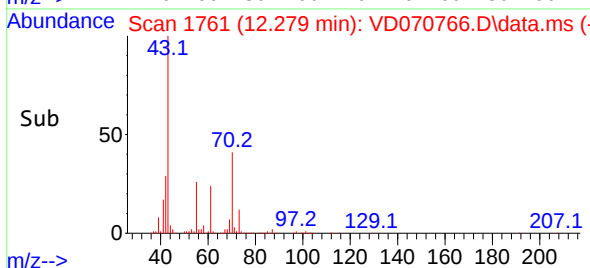
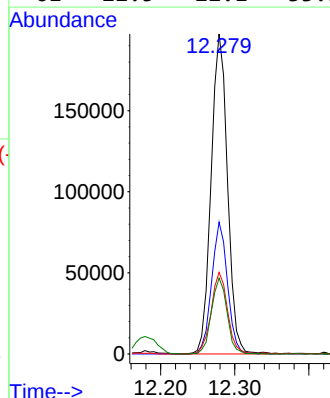
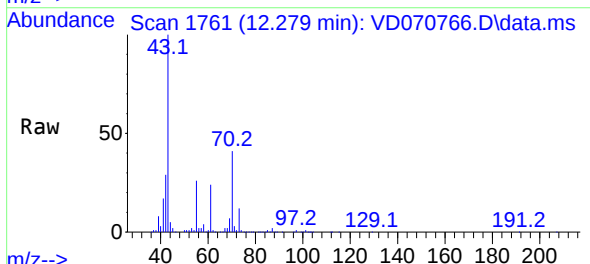
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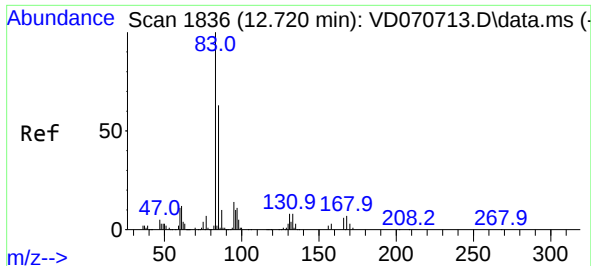
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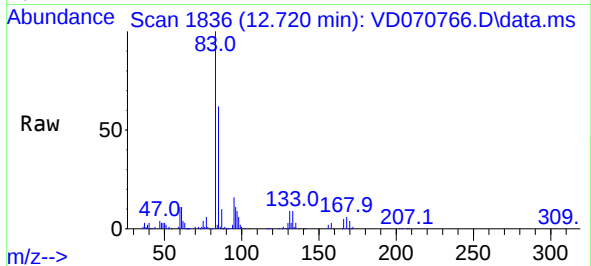
#74
N-ethyl acetate
Concen: 49.79 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 43 Resp: 303078
Ion Ratio Lower Upper
43 100
70 39.9 40.0 60.0#
55 25.6 23.8 35.6
61 22.5 22.1 33.1

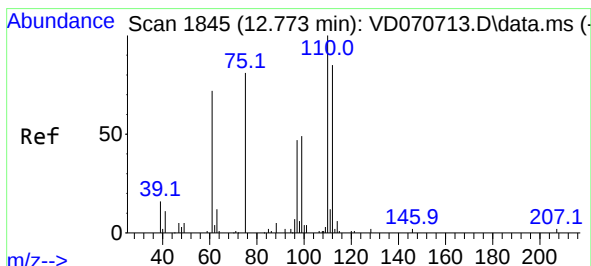
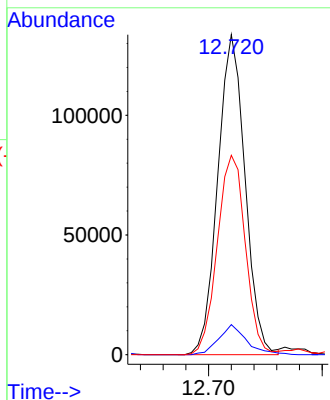
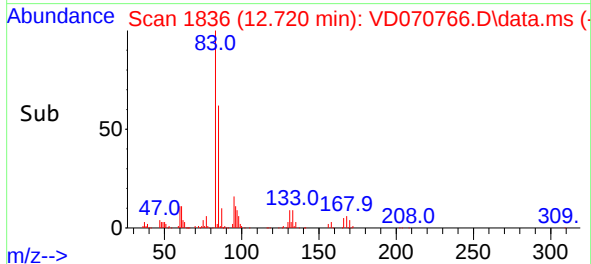




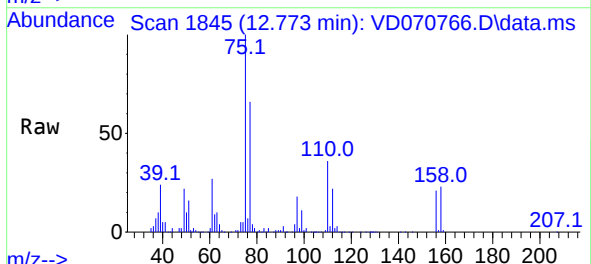
#75
1,1,2,2-Tetrachloroethane
Concen: 48.27 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



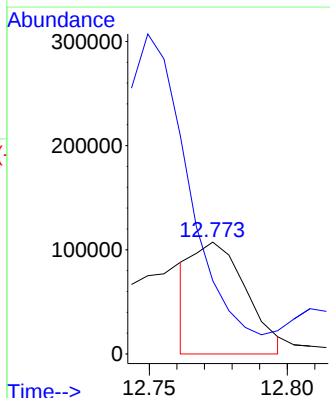
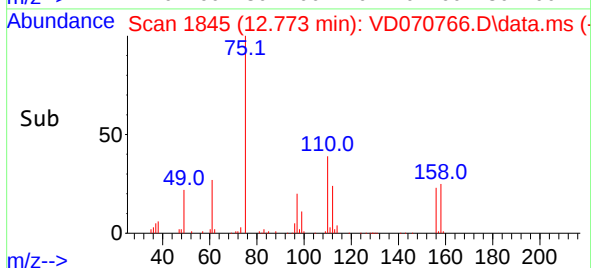
Tgt Ion: 83 Resp: 223270
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 51.08 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



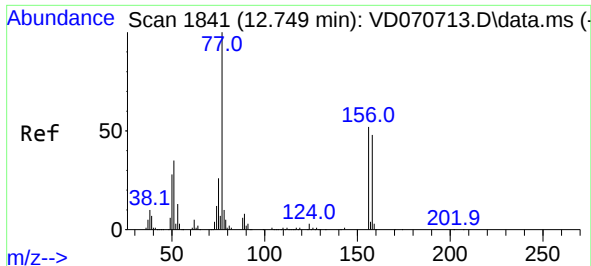
Tgt Ion: 75 Resp: 144825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
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ClientSampleId :
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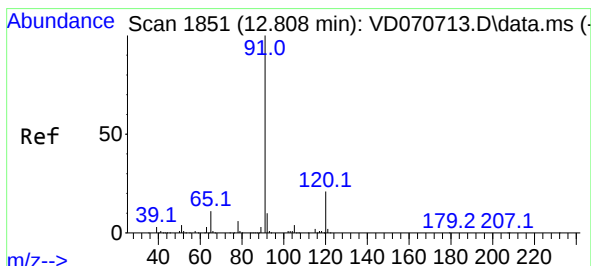
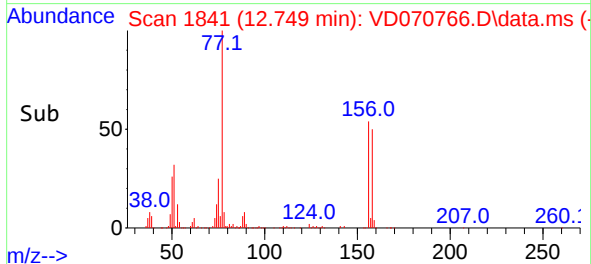
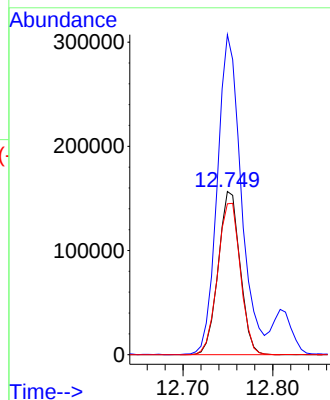
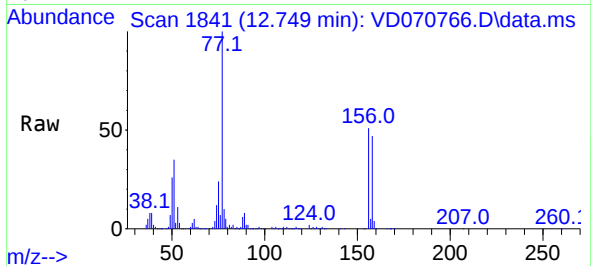
#77
Bromobenzene
Concen: 49.90 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 156 Resp: 264159
Ion Ratio Lower Upper
156 100
77 214.9 105.7 317.1
158 97.0 48.9 146.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

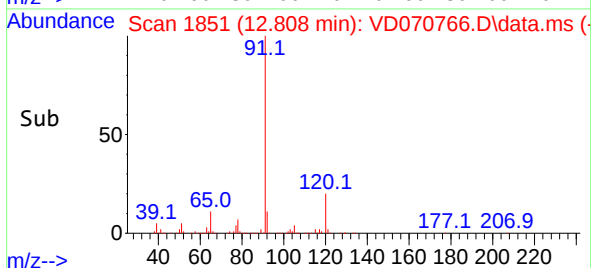
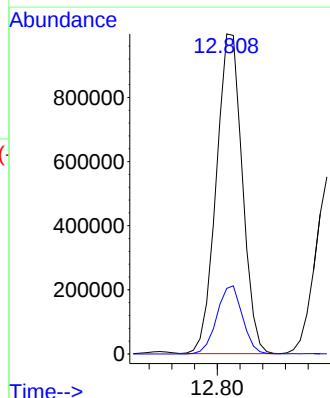
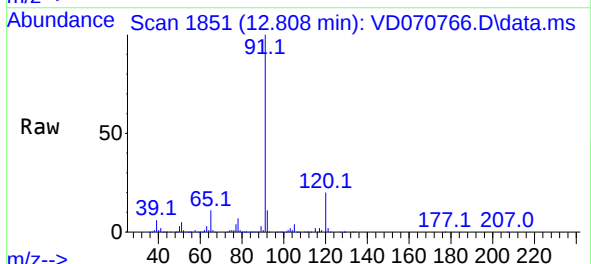
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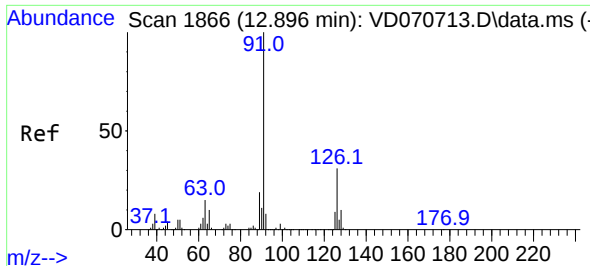
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#78
n-propylbenzene
Concen: 52.20 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 91 Resp: 1586604
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.6





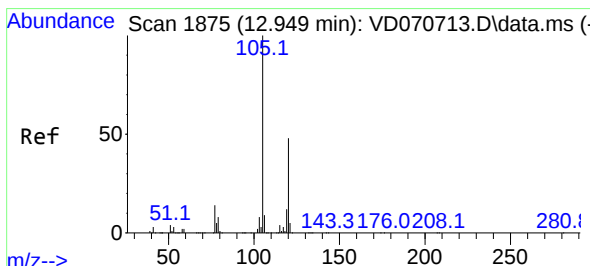
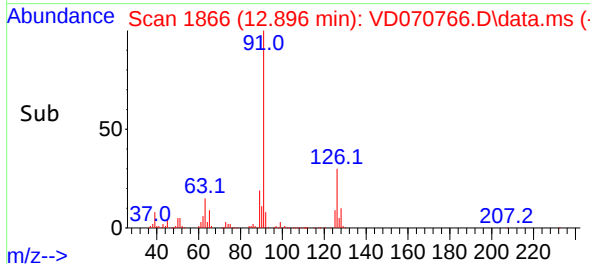
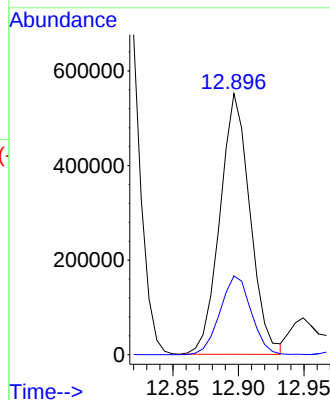
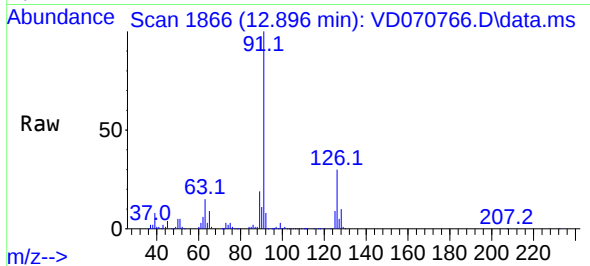
#79
2-Chlorotoluene
Concen: 50.14 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 91 Resp: 880702
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

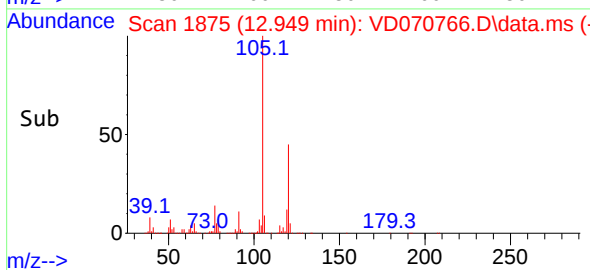
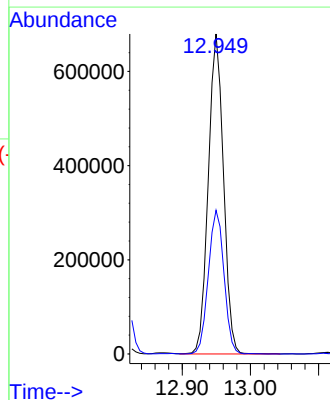
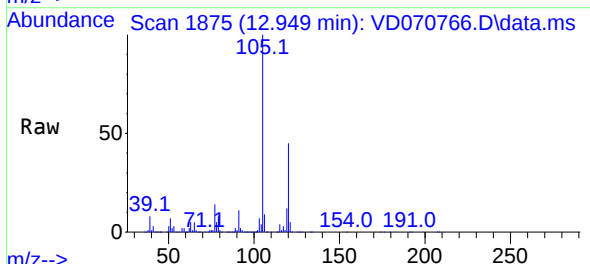
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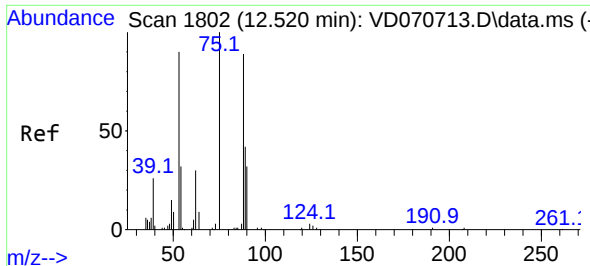
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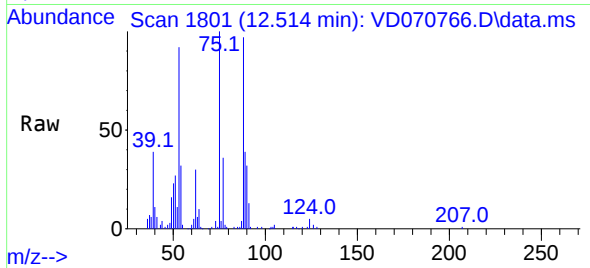
#80
1,3,5-Trimethylbenzene
Concen: 53.33 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:105 Resp: 1054192
Ion Ratio Lower Upper
105 100
120 46.2 24.4 73.2

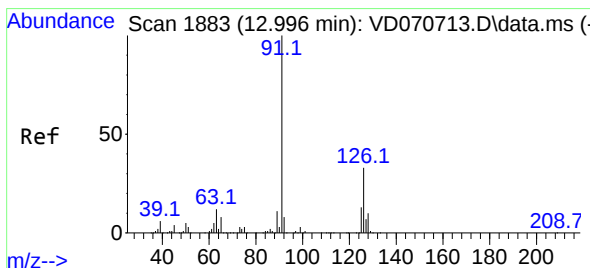
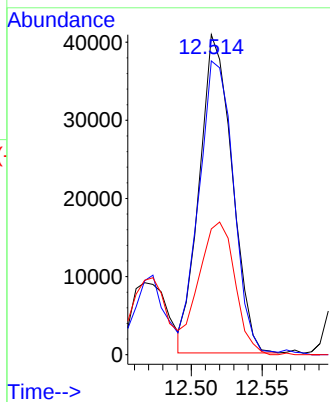
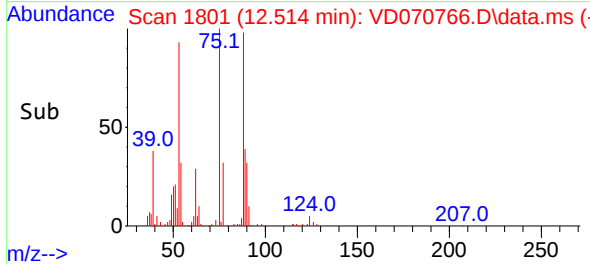




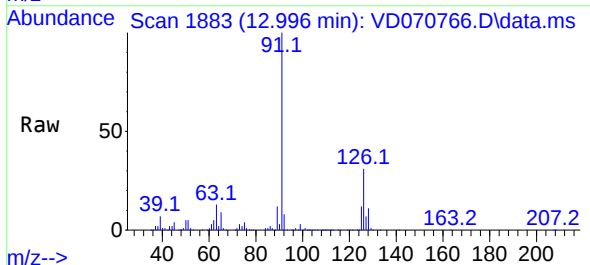
#81
trans-1,4-Dichloro-2-butene
Concen: 50.36 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



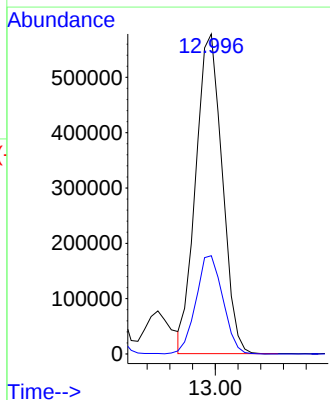
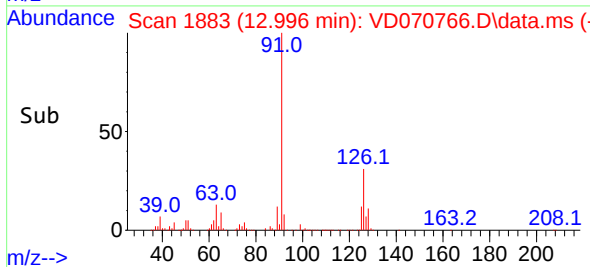
Tgt Ion: 75 Resp: 65183
Ion Ratio Lower Upper
75 100
53 96.1 64.5 96.7
89 46.1 35.3 52.9



#82
4-Chlorotoluene
Concen: 50.37 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



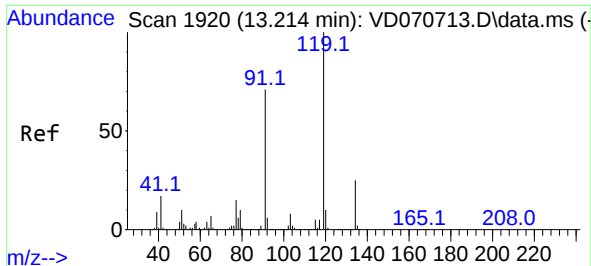
Tgt Ion: 91 Resp: 935789
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6



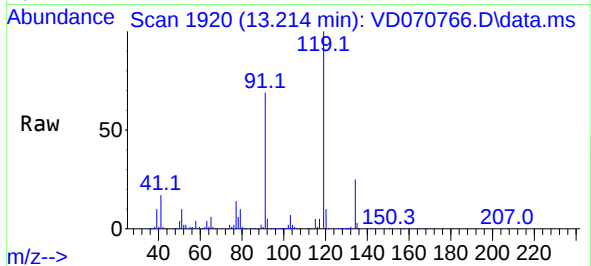
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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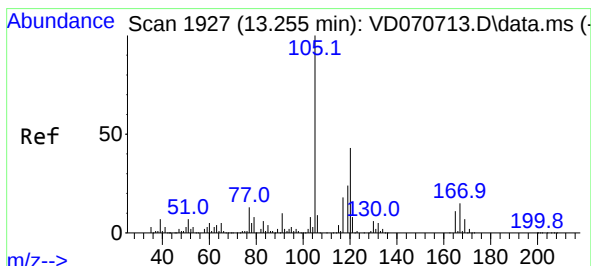
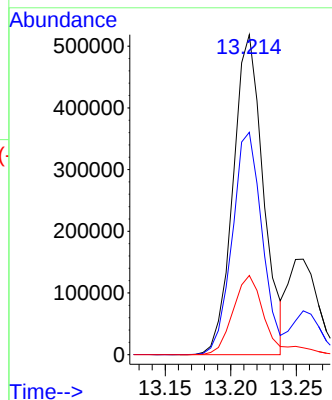
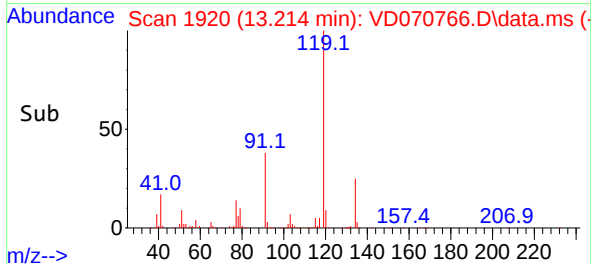
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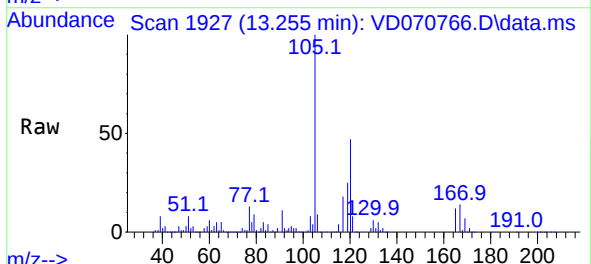
#83
tert-Butylbenzene
Concen: 50.93 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



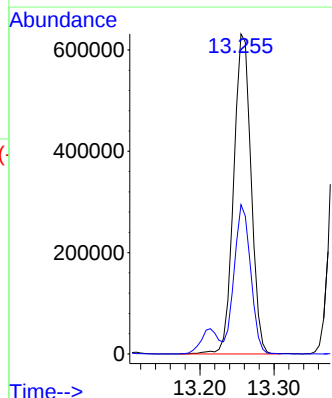
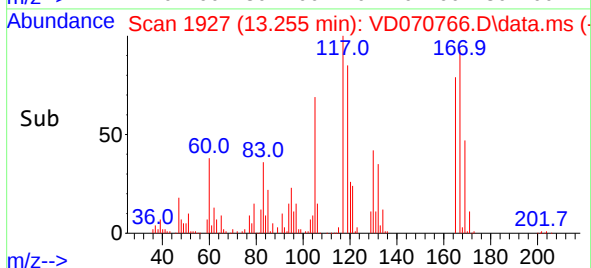
Tgt Ion:119 Resp: 831907
Ion Ratio Lower Upper
119 100
91 68.7 33.1 99.3
134 26.6 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 52.29 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



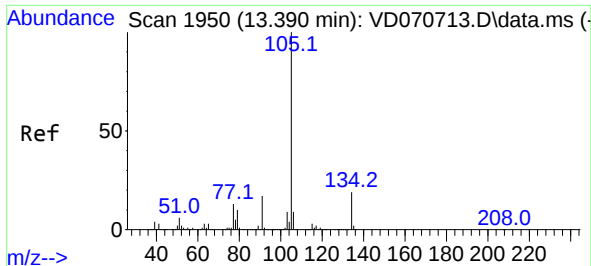
Tgt Ion:105 Resp: 1027595
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8



Instrument :
MSVOA_D
ClientSampled :
VSTDCCC050

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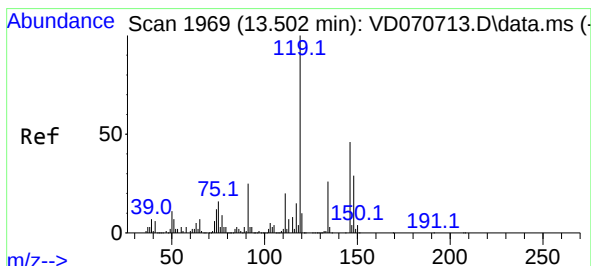
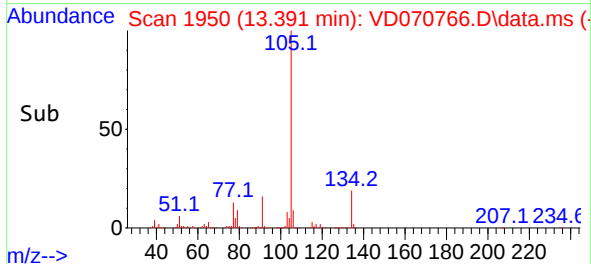
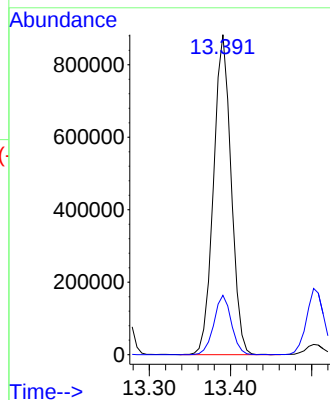
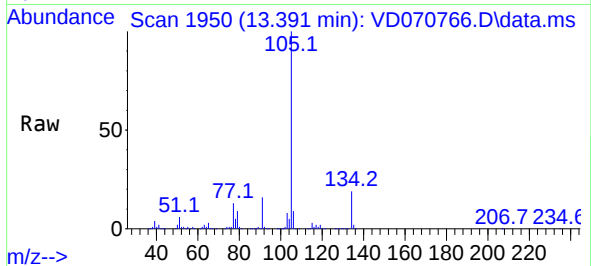
#85
 sec-Butylbenzene
 Concen: 51.83 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070766.D
 Acq: 20 Oct 2021 10:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1330596
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.3 28.0

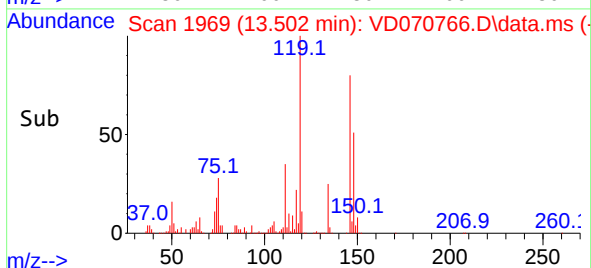
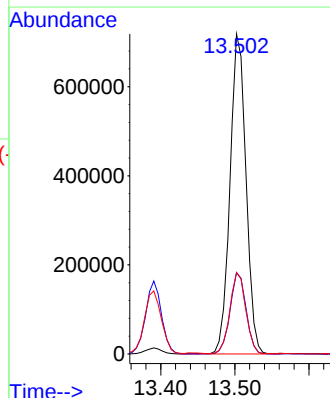
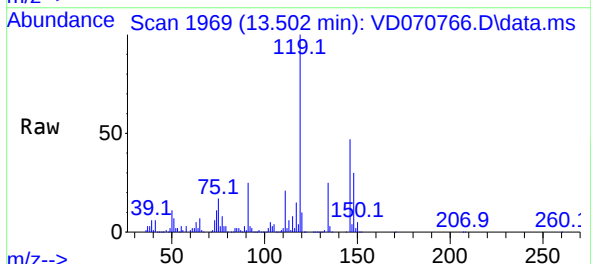
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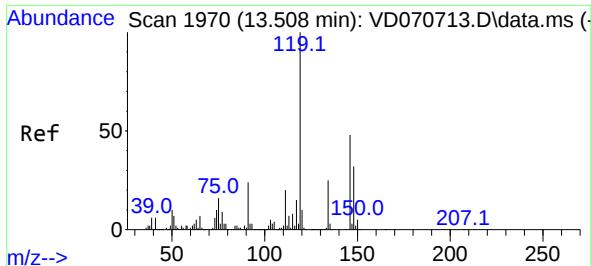
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#86
 p-Isopropyltoluene
 Concen: 52.16 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070766.D
 Acq: 20 Oct 2021 10:27

Tgt Ion:119 Resp: 1076511
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 25.2 11.9 35.5





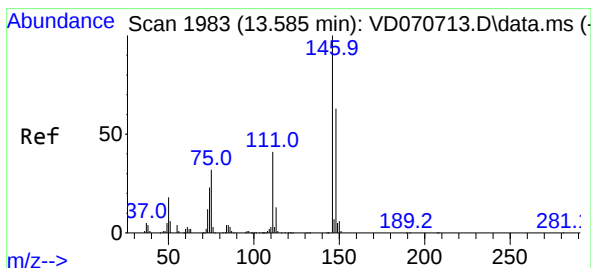
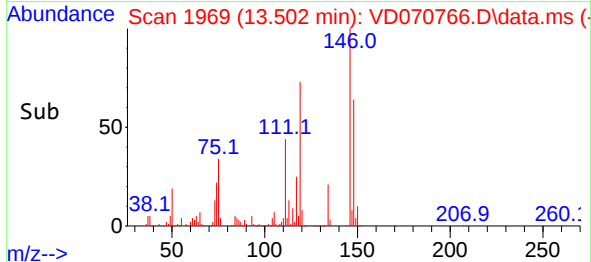
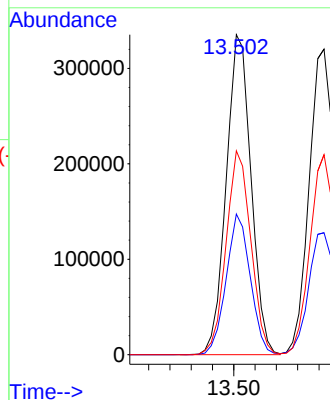
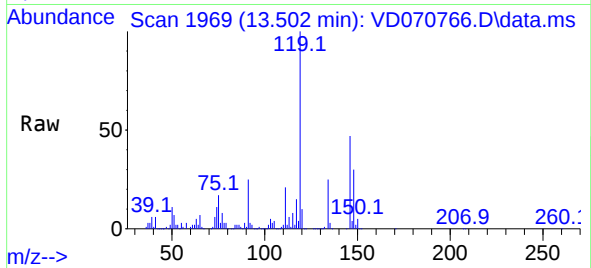
#87
1,3-Dichlorobenzene
Concen: 48.83 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion:146 Resp: 542771
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 63.6 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

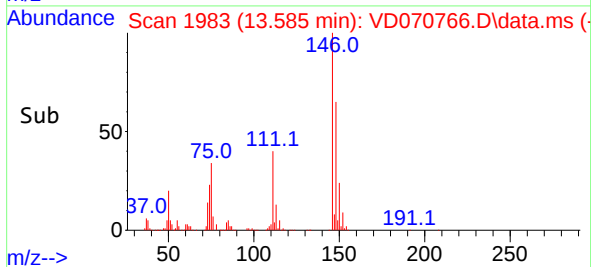
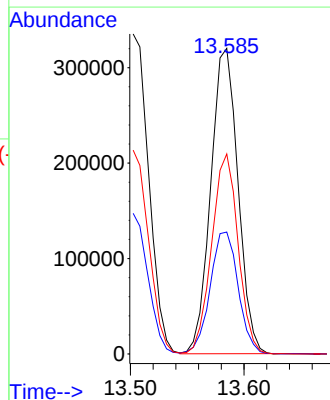
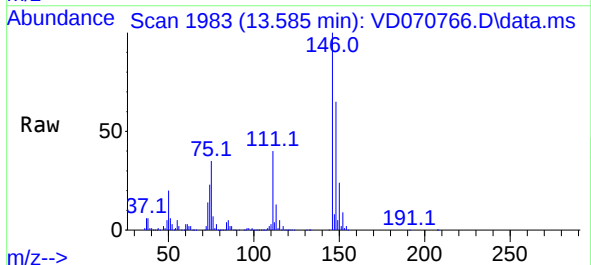
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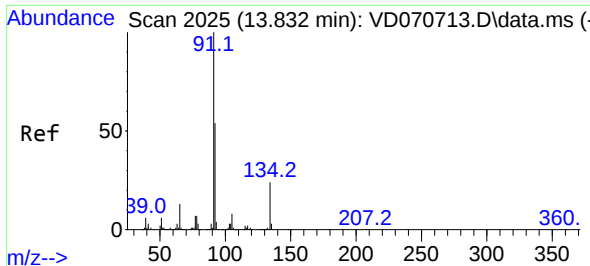
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#88
1,4-Dichlorobenzene
Concen: 48.59 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

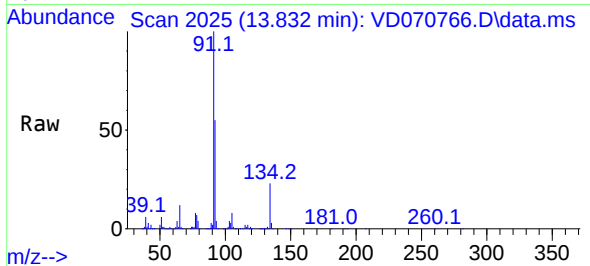
Tgt Ion:146 Resp: 533333
Ion Ratio Lower Upper
146 100
111 41.1 21.1 63.4
148 63.6 31.6 94.8





#89
n-Butylbenzene
Concen: 51.51 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

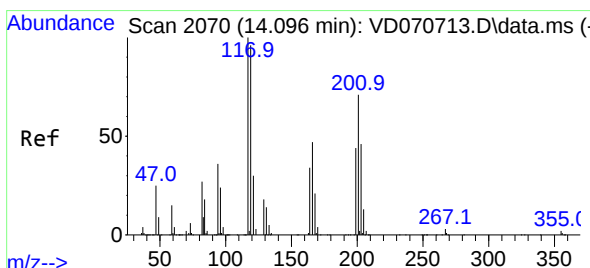
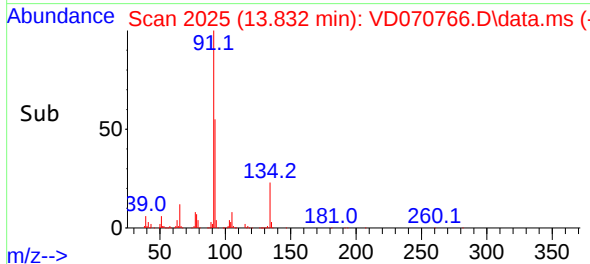
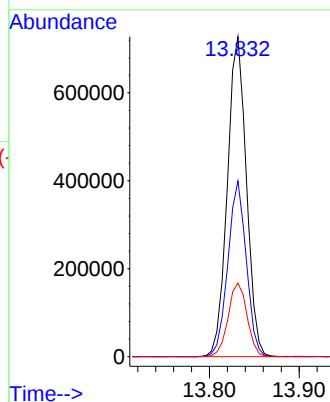
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1072825
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 23.0 12.2 36.4

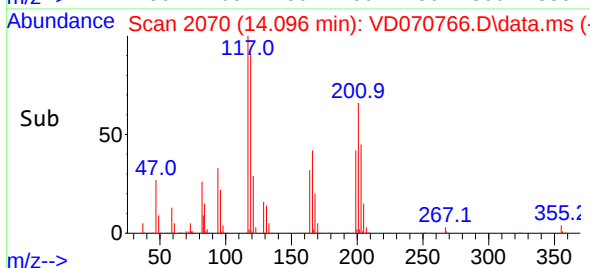
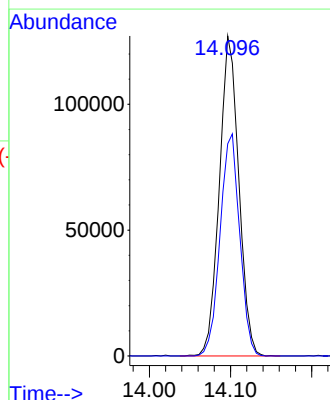
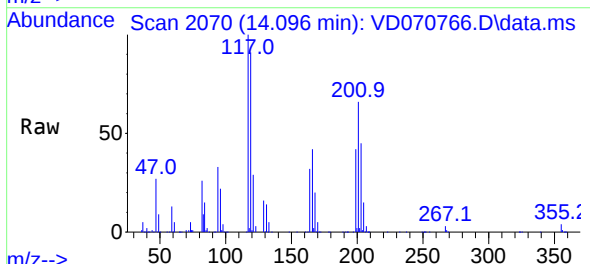
Manual Integrations
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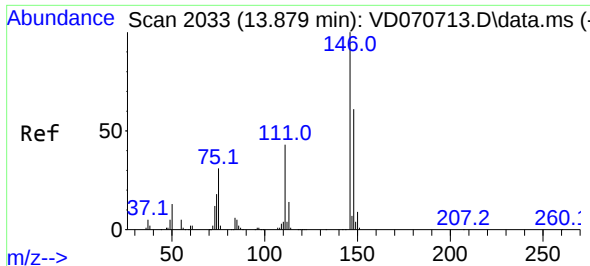
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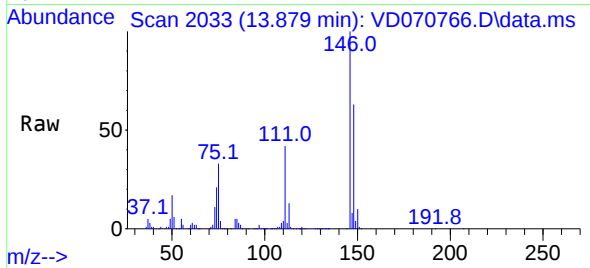
#90
Hexachloroethane
Concen: 47.58 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

Tgt Ion: 117 Resp: 211910
Ion Ratio Lower Upper
117 100
201 70.0 31.9 95.9

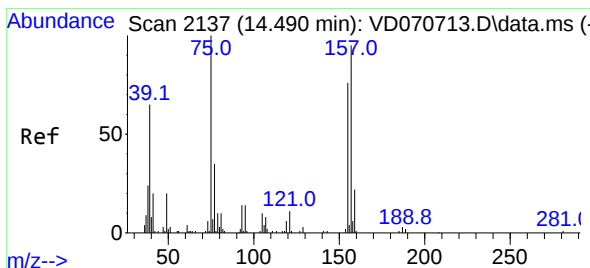
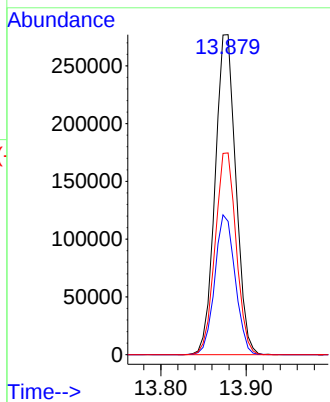
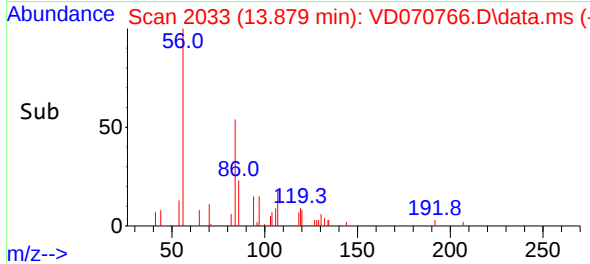




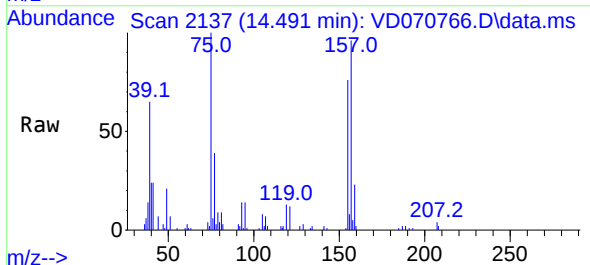
#91
1,2-Dichlorobenzene
Concen: 49.26 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



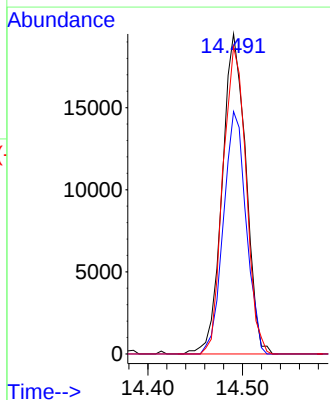
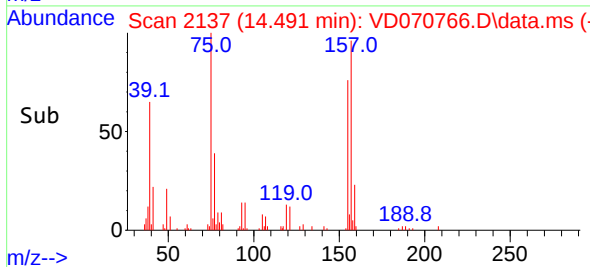
Tgt Ion:146 Resp: 467971
Ion Ratio Lower Upper
146 100
111 43.1 22.8 68.4
148 64.0 32.4 97.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.77 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



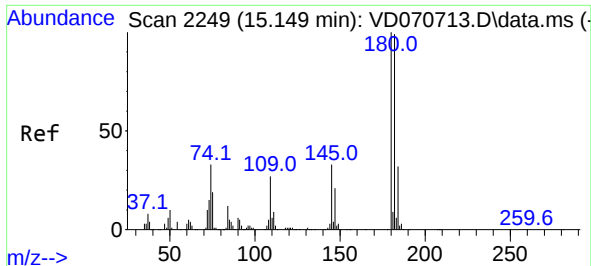
Tgt Ion: 75 Resp: 33765
Ion Ratio Lower Upper
75 100
155 73.0 38.1 114.5
157 93.5 47.6 142.9



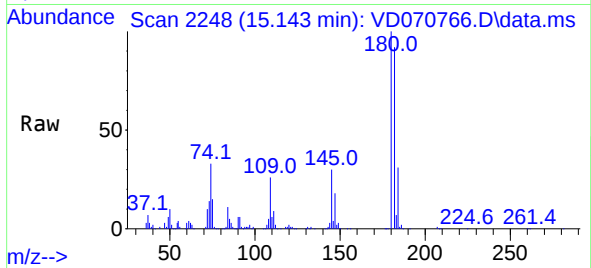
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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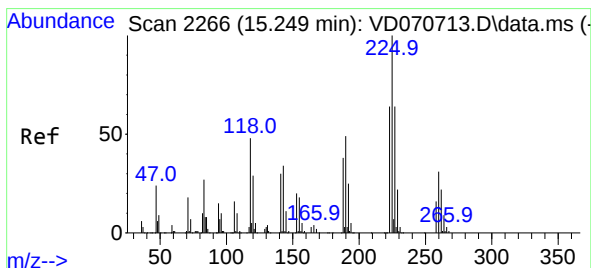
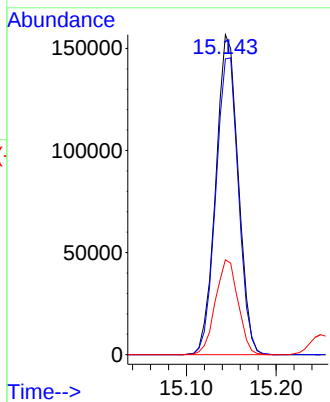
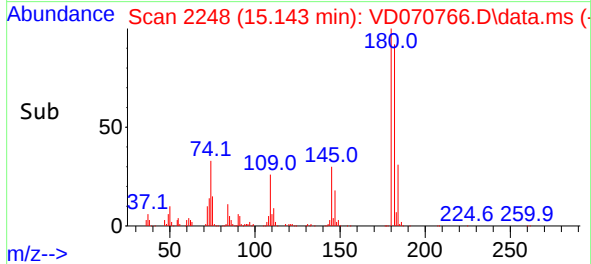
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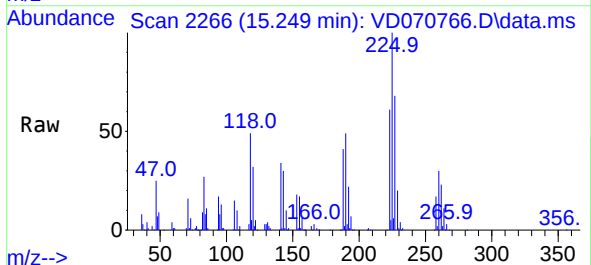
#93
1,2,4-Trichlorobenzene
Concen: 50.15 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



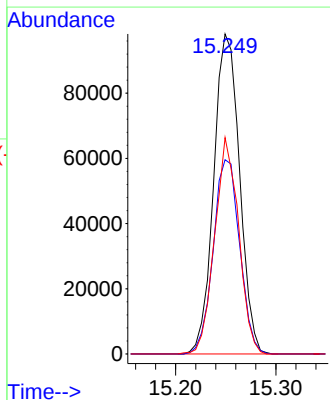
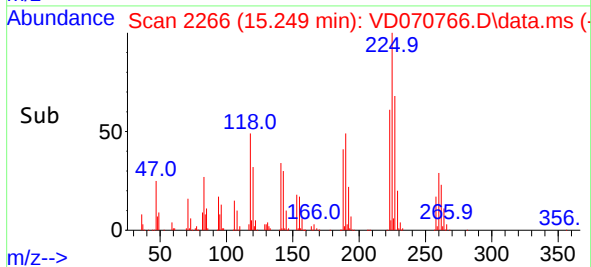
Tgt Ion:180 Resp: 272554
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 29.9 16.9 50.7



#94
Hexachlorobutadiene
Concen: 49.23 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



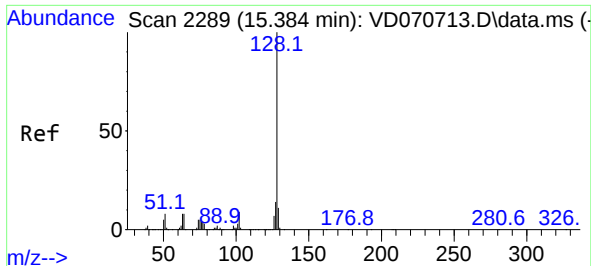
Tgt Ion:225 Resp: 175456
Ion Ratio Lower Upper
225 100
223 62.1 31.2 93.6
227 62.7 32.2 96.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

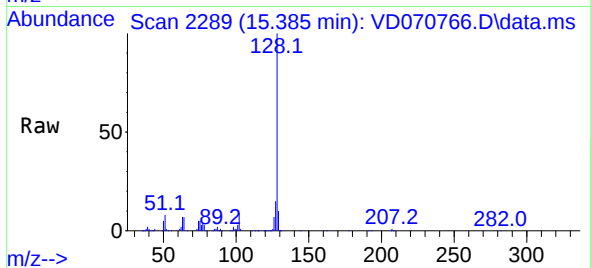
Manual Integrations
APPROVED

MMDadoda
10/21/2021 6:54:40 PM



#95
Naphthalene
Concen: 43.99 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27

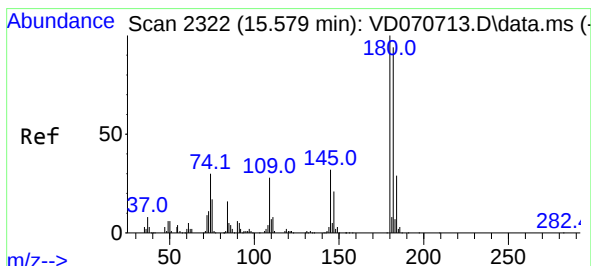
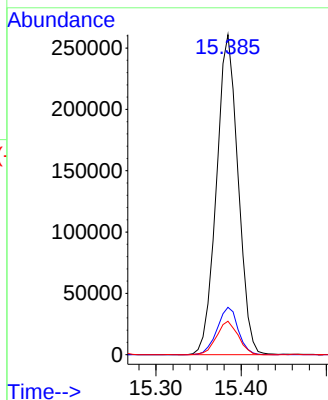
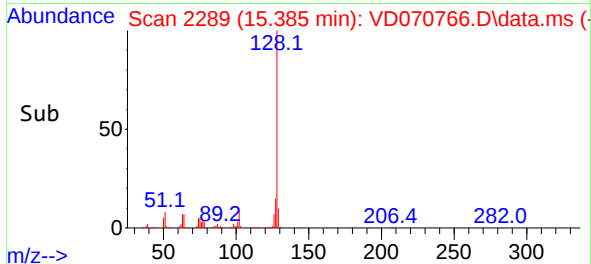
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



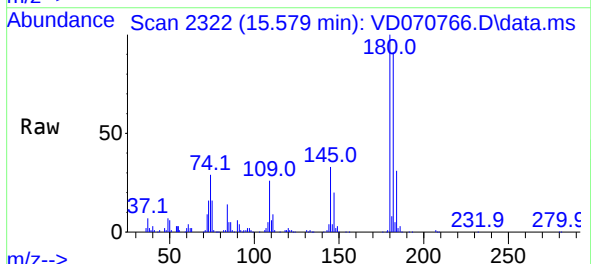
Tgt Ion:128 Resp: 460517
Ion Ratio Lower Upper
128 100
127 14.5 10.9 16.3
129 10.5 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
10/21/2021 6:54:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.55 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070766.D
Acq: 20 Oct 2021 10:27



Tgt Ion:180 Resp: 239281
Ion Ratio Lower Upper
180 100
182 95.2 46.2 138.5
145 33.1 17.1 51.3

