

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071265.D
 Acq On : 11 Dec 2021 12:53
 Operator : VA/SY
 Sample : VD1211SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 12 17:50:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	216000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	361543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	335243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	162634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	130641	51.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.080%	
35) Dibromofluoromethane	7.914	113	121389	52.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.460%	
50) Toluene-d8	10.332	98	413574	47.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.626	95	154335	50.818	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	37146	20.166	ug/l	92
3) Chloromethane	2.209	50	55157	22.634	ug/l	91
4) Vinyl Chloride	2.350	62	62794	23.097	ug/l	100
5) Bromomethane	2.762	94	43255	22.070	ug/l	90
6) Chloroethane	2.920	64	43542	23.286	ug/l	93
7) Trichlorofluoromethane	3.267	101	73849	20.051	ug/l	99
8) Diethyl Ether	3.709	74	18866	18.895	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	41675	19.180	ug/l	96
10) Methyl Iodide	4.303	142	28008	14.637	ug/l	94
11) Tert butyl alcohol	5.185	59	30563	164.837	ug/l #	71
12) 1,1-Dichloroethene	4.061	96	36066	17.986	ug/l	91
13) Acrolein	3.926	56	16331	94.290	ug/l	98
14) Allyl chloride	4.720	41	68801	18.064	ug/l #	82
15) Acrylonitrile	5.420	53	50394	103.782	ug/l	94
16) Acetone	4.156	43	50190	96.185	ug/l	91
17) Carbon Disulfide	4.409	76	103535	17.635	ug/l	97
18) Methyl Acetate	4.720	43	41998	22.459	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	92641	18.852	ug/l	95
20) Methylene Chloride	4.967	84	61666	21.752	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	42084	18.644	ug/l	92
22) Diisopropyl ether	6.361	45	144069	18.879	ug/l	92
23) Vinyl Acetate	6.303	43	334248	99.397	ug/l	100
24) 1,1-Dichloroethane	6.261	63	86247	19.650	ug/l	96
25) 2-Butanone	7.214	43	68384	106.356	ug/l	90
26) 2,2-Dichloropropane	7.208	77	66718	16.716	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	48275	18.904	ug/l	91
28) Bromochloromethane	7.544	49	44440	23.311	ug/l	90
29) Tetrahydrofuran	7.561	42	42813	106.380	ug/l	94
30) Chloroform	7.708	83	87402	19.842	ug/l	96
31) Cyclohexane	7.979	56	75033	17.404	ug/l #	92
32) 1,1,1-Trichloroethane	7.897	97	76366	19.309	ug/l	94
36) 1,1-Dichloropropene	8.114	75	64618	19.123	ug/l	96
37) Ethyl Acetate	7.297	43	32371	22.177	ug/l #	92
38) Carbon Tetrachloride	8.097	117	64005	19.215	ug/l	98
39) Methylcyclohexane	9.349	83	68830	16.935	ug/l	92
40) Benzene	8.344	78	175841	19.158	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	15774	24.097	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	58635	20.928	ug/l	93
43) Isopropyl Acetate	8.449	43	57203	21.173	ug/l	94
44) Trichloroethene	9.108	130	45590	18.629	ug/l	98
45) 1,2-Dichloropropane	9.379	63	46283	19.174	ug/l	92
46) Dibromomethane	9.473	93	24995	19.959	ug/l	94
47) Bromodichloromethane	9.655	83	65118	19.662	ug/l #	99
48) Methyl methacrylate	9.449	41	30414	21.287	ug/l #	81
49) 1,4-Dioxane	9.461	88	5236	433.130	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	153914	112.698	ug/l	89
52) Toluene	10.396	92	112055	19.241	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	55382	18.188	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	66976	18.517	ug/l #	82
55) 1,1,2-Trichloroethane	10.796	97	33768	20.554	ug/l	95
56) Ethyl methacrylate	10.655	69	40059	20.886	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	57551	19.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	140150	125.365	ug/l	100
59) 2-Hexanone	10.979	43	105562	107.919	ug/l	87
60) Dibromochloromethane	11.132	129	41713	20.429	ug/l	99
61) 1,2-Dibromoethane	11.243	107	31389	19.894	ug/l	100
64) Tetrachloroethene	10.873	164	37456	17.599	ug/l	95
65) Chlorobenzene	11.661	112	117319	18.861	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	42852	18.868	ug/l	99
67) Ethyl Benzene	11.738	91	210295	17.959	ug/l	96
68) m/p-Xylenes	11.849	106	160483	36.302	ug/l	99
69) o-Xylene	12.179	106	73524	17.695	ug/l	99
70) Styrene	12.185	104	125643	17.942	ug/l	96
71) Bromoform	12.349	173	23371	19.863	ug/l #	100
73) Isopropylbenzene	12.473	105	201376	17.100	ug/l	99
74) N-amyl acetate	12.279	43	50500	19.578	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	38686	19.949	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	49965	32.246	ug/l #	1
77) Bromobenzene	12.749	156	44846	17.582	ug/l	96
78) n-propylbenzene	12.808	91	251145	17.125	ug/l	98
79) 2-Chlorotoluene	12.902	91	142402	17.301	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	163050	16.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	10115	19.278	ug/l #	69
82) 4-Chlorotoluene	12.996	91	148770	17.410	ug/l	97
83) tert-Butylbenzene	13.214	119	140636	16.864	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	162153	17.104	ug/l	99
85) sec-Butylbenzene	13.390	105	218848	17.181	ug/l	99
86) p-Isopropyltoluene	13.508	119	174669	16.766	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	91486	18.018	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	90497	17.990	ug/l	95
89) n-Butylbenzene	13.832	91	170959	16.810	ug/l	99
90) Hexachloroethane	14.096	117	36139	18.299	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	81560	18.889	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.484	75	6728	21.304	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	45080	16.737	ug/l	98
94) Hexachlorobutadiene	15.249	225	26509	17.395	ug/l	98
95) Naphthalene	15.384	128	82985	17.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	39668	17.340	ug/l	100

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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

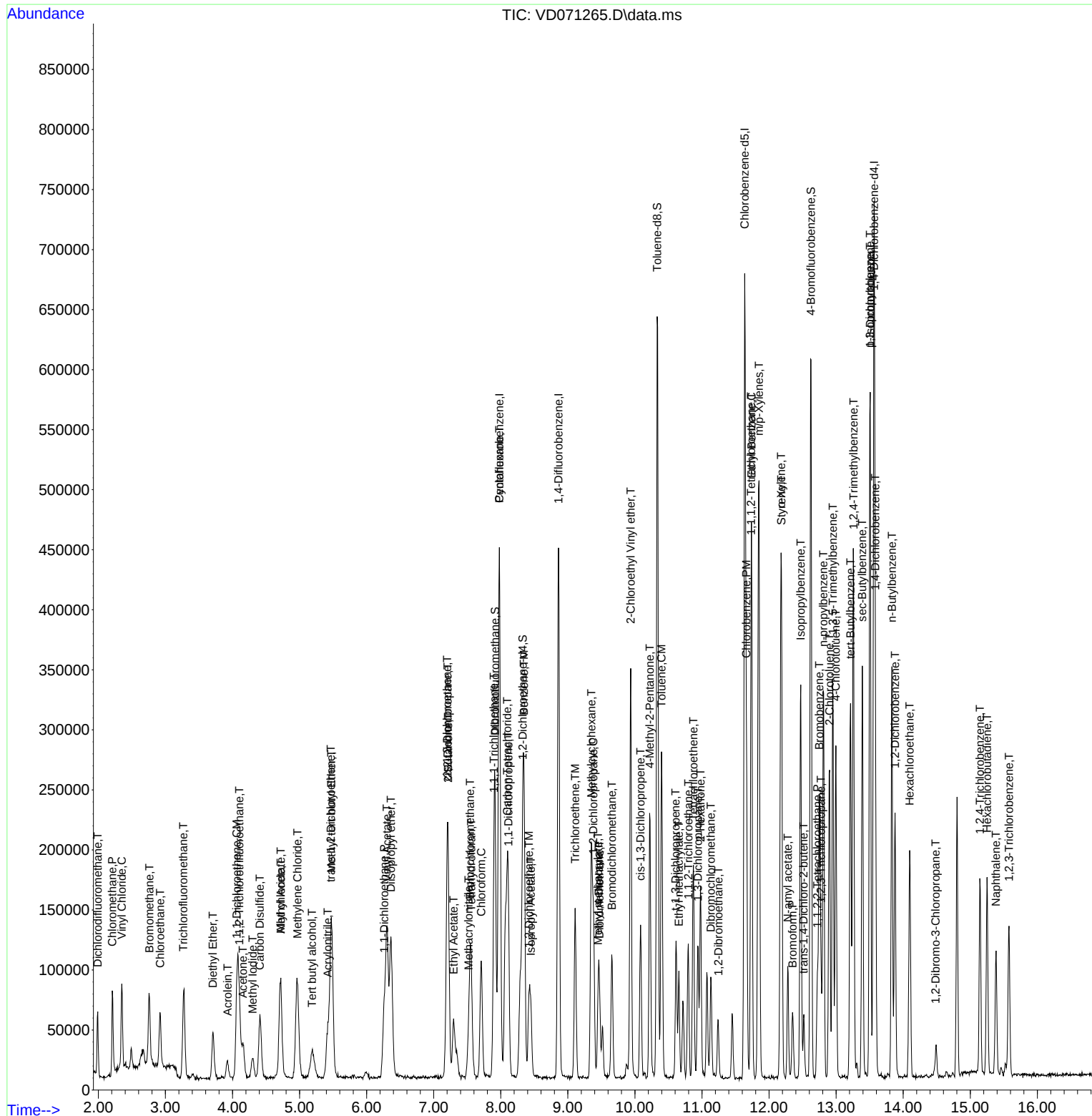
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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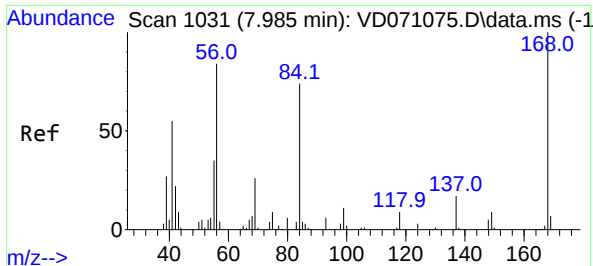
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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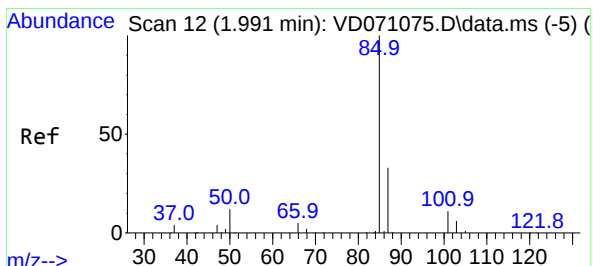
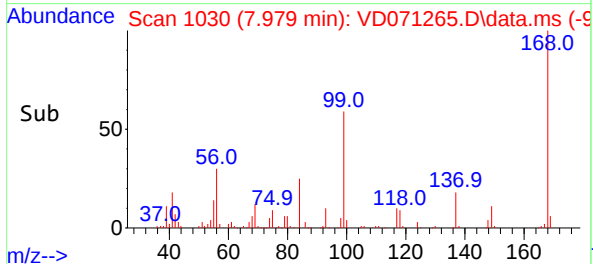
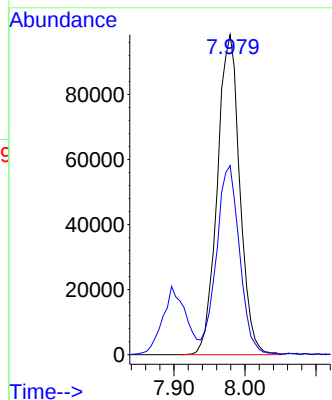
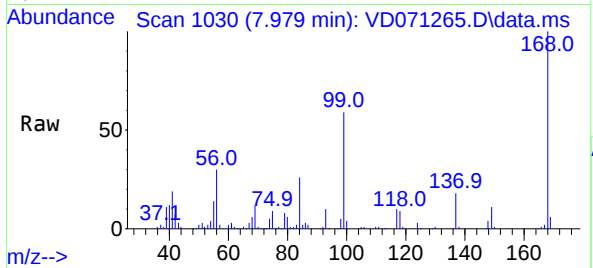




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071265.D
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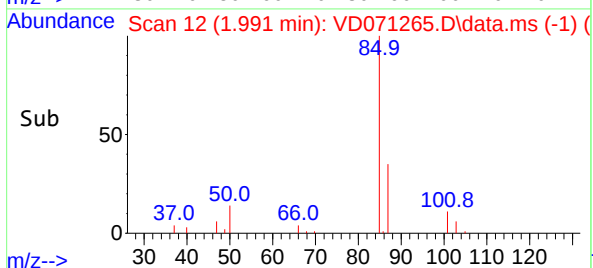
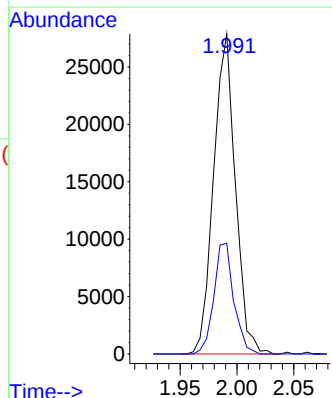
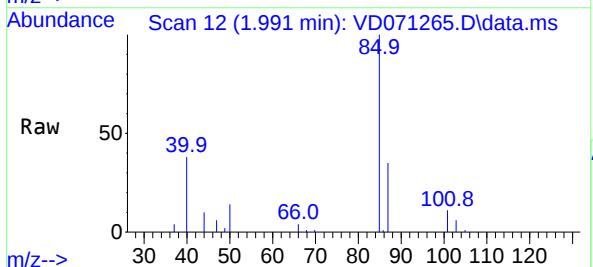
Instrument :
MSVOA_D
ClientSampleId :

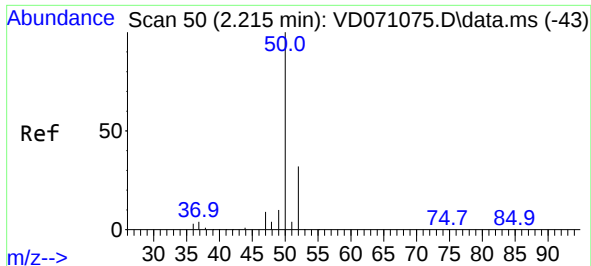
Tgt Ion:168 Resp: 216000
Ion Ratio Lower Upper
168 100
99 58.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 20.166 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 85 Resp: 37146
Ion Ratio Lower Upper
85 100
87 34.6 15.2 45.6

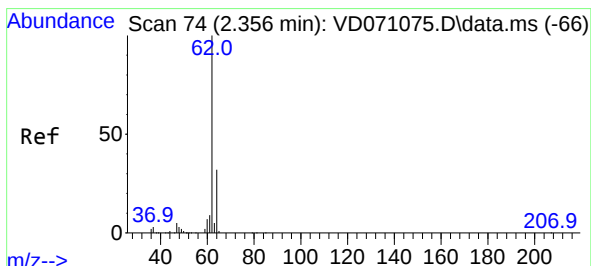
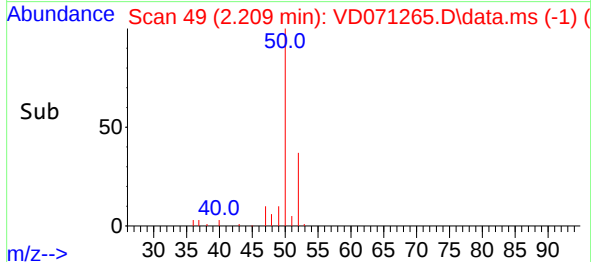
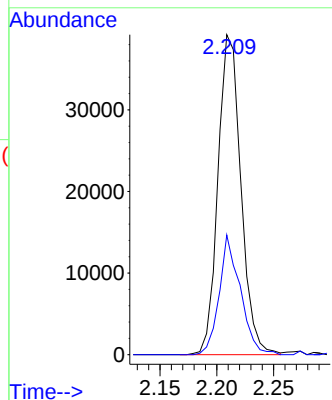
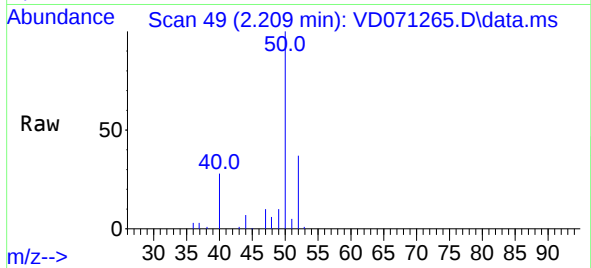




#3
Chloromethane
Concen: 22.634 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

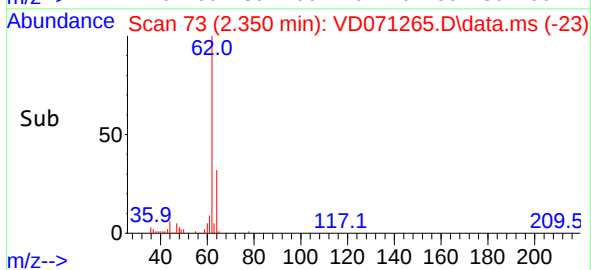
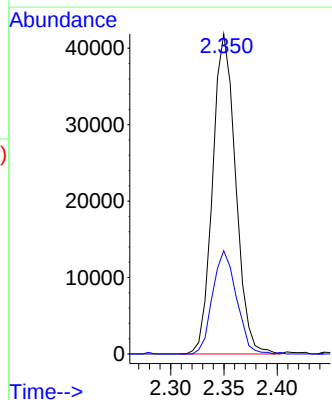
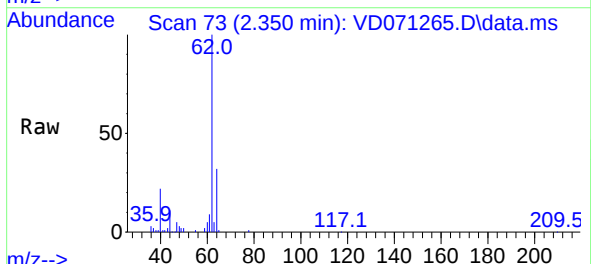
Instrument :
MSVOA_D
ClientSampleId :

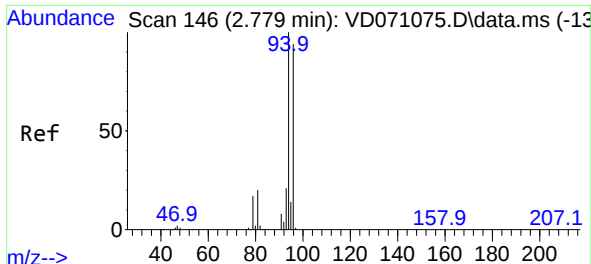
Tgt Ion: 50 Resp: 55157
Ion Ratio Lower Upper
50 100
52 37.4 25.8 38.8



#4
Vinyl Chloride
Concen: 23.097 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

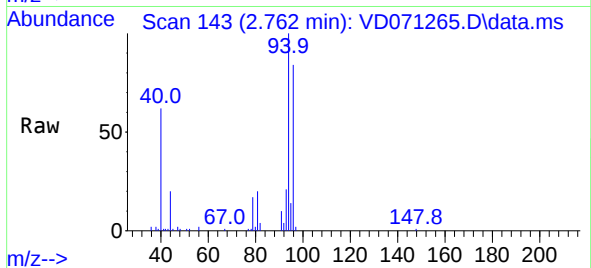
Tgt Ion: 62 Resp: 62794
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0



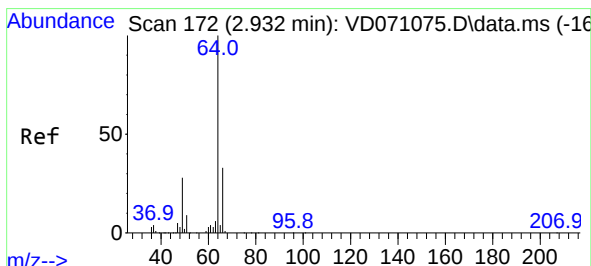
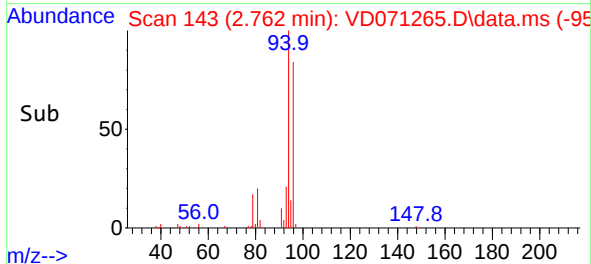
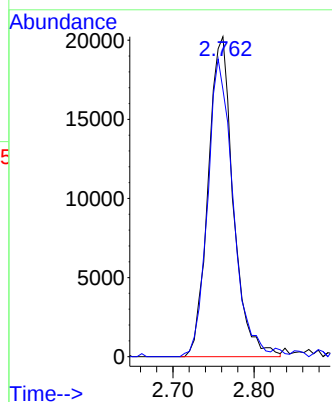


#5
Bromomethane
Concen: 22.070 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.017 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

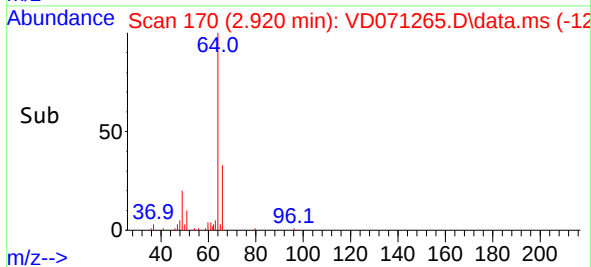
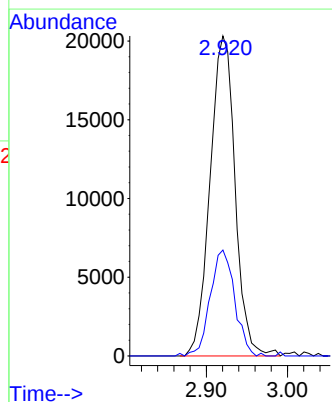
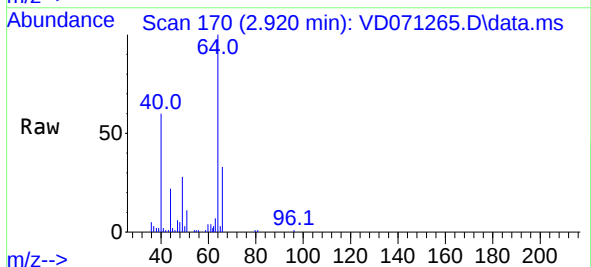


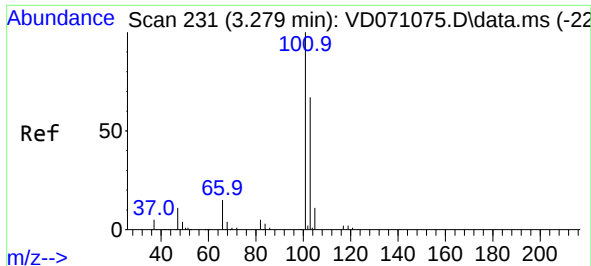
Tgt Ion: 94 Resp: 43255
Ion Ratio Lower Upper
94 100
96 83.5 74.8 112.2



#6
Chloroethane
Concen: 23.286 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 64 Resp: 43542
Ion Ratio Lower Upper
64 100
66 32.3 29.0 43.4

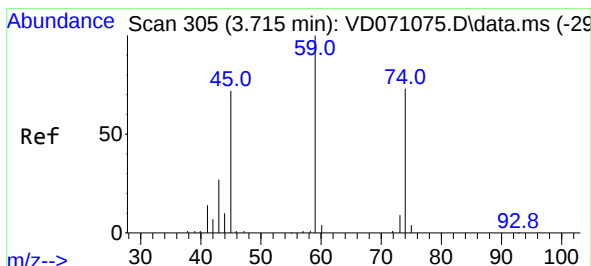
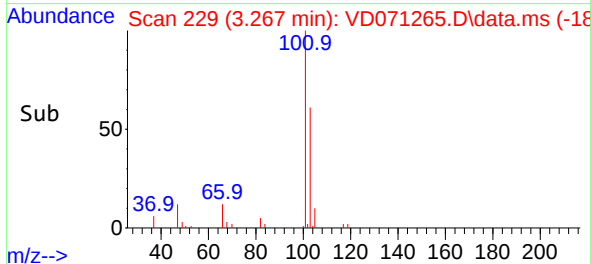
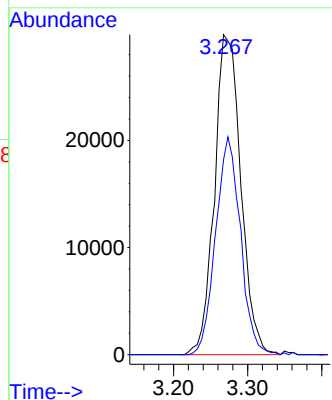
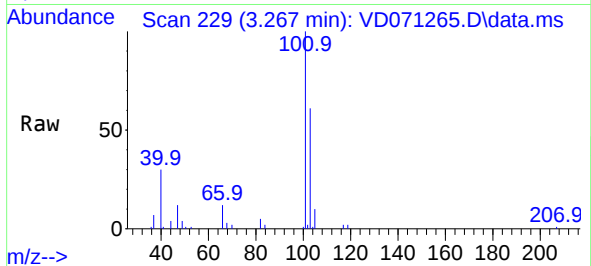




#7
Trichlorofluoromethane
Concen: 20.051 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

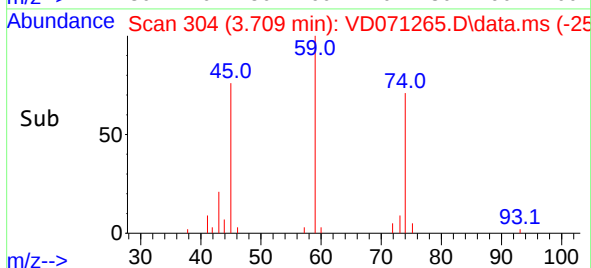
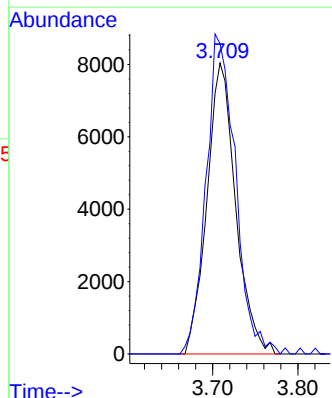
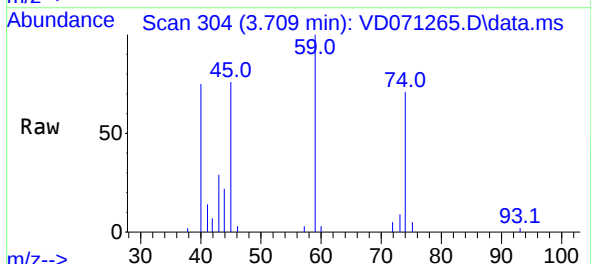
Instrument :
MSVOA_D
ClientSampleId :

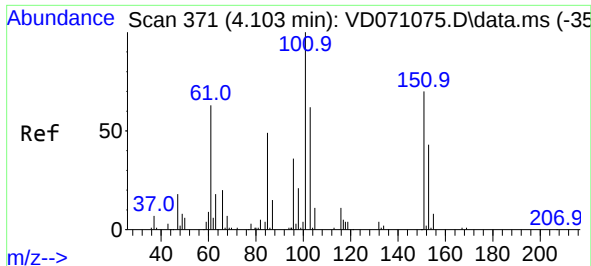
Tgt Ion:101 Resp: 73849
Ion Ratio Lower Upper
101 100
103 61.0 49.7 74.5



#8
Diethyl Ether
Concen: 18.895 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 74 Resp: 18866
Ion Ratio Lower Upper
74 100
45 112.5 49.6 149.0

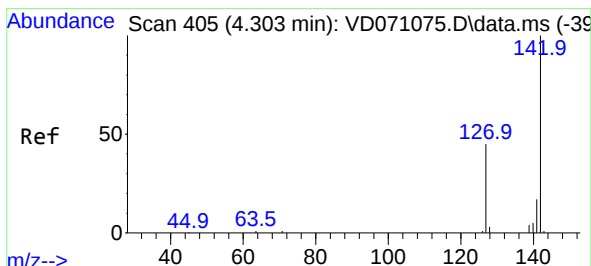
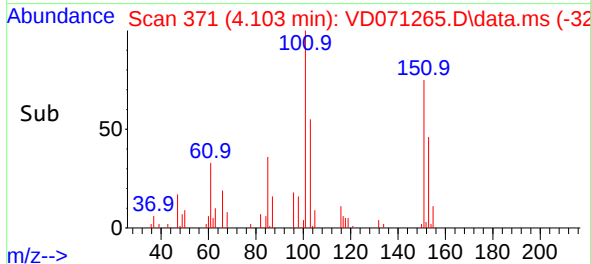
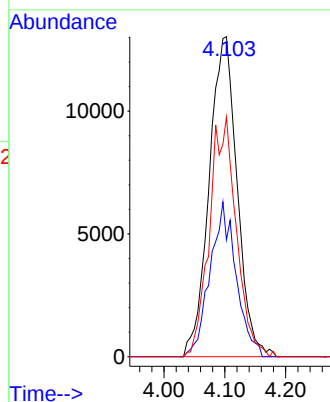
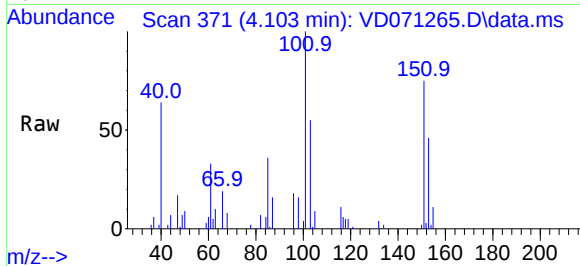




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.180 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

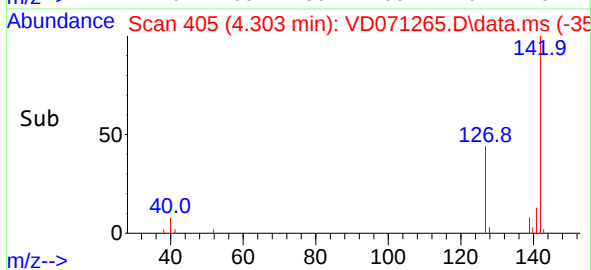
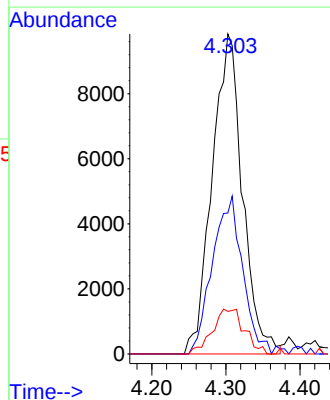
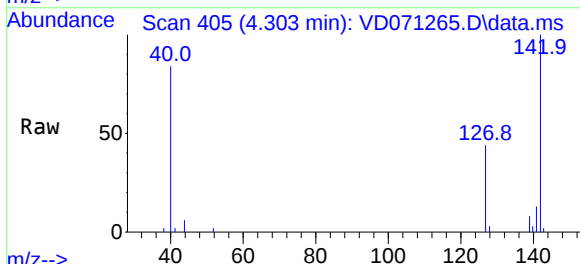
Instrument :
MSVOA_D
ClientSampleId :

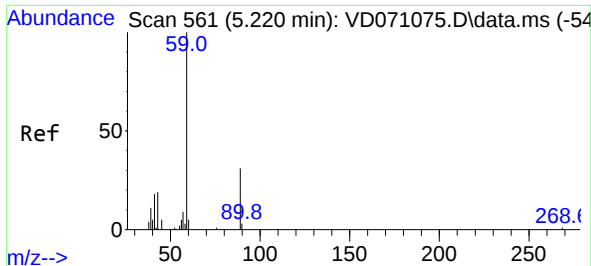
Tgt Ion:	101	Resp:	41675
Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.8	52.2
151	71.8	60.4	90.6



#10
Methyl Iodide
Concen: 14.637 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:	142	Resp:	28008
Ion	Ratio	Lower	Upper
142	100		
127	49.0	35.0	52.4
141	14.8	12.0	18.0

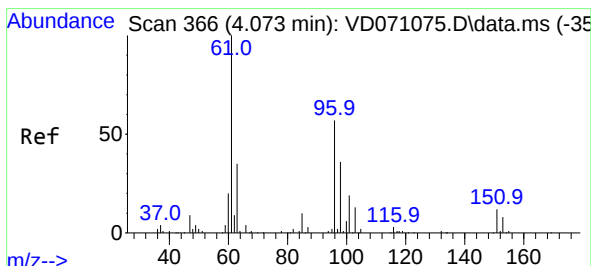
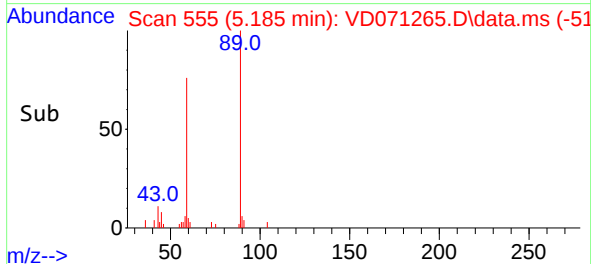
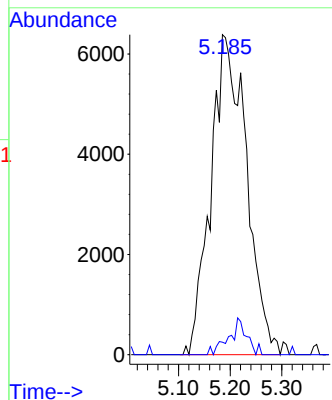
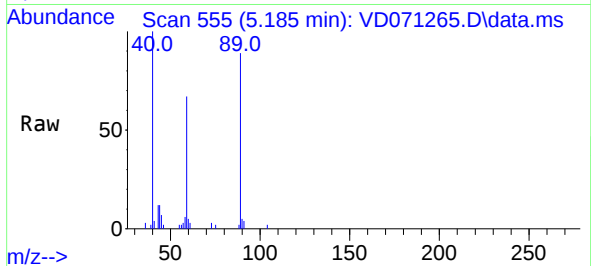




#11
Tert butyl alcohol
Concen: 164.837 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

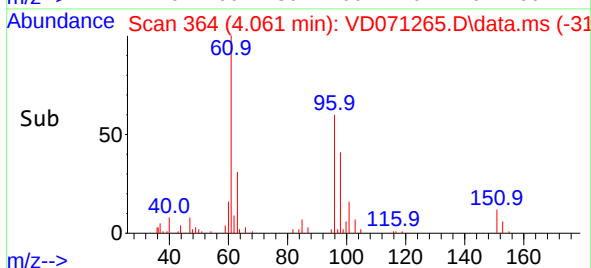
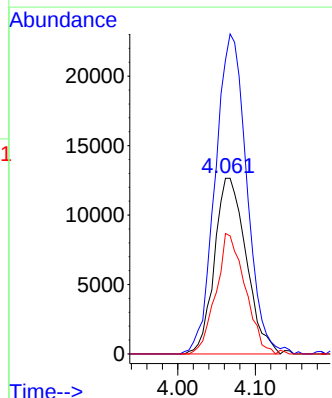
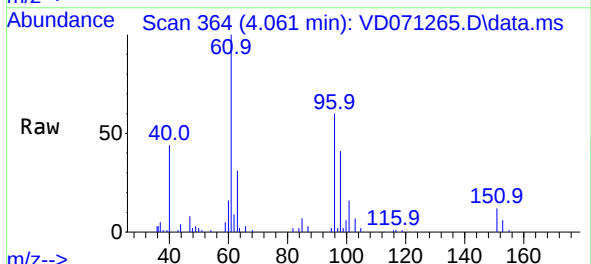
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 30563
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.986 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 96 Resp: 36066
Ion Ratio Lower Upper
96 100
61 167.3 120.3 180.5
98 68.6 54.4 81.6

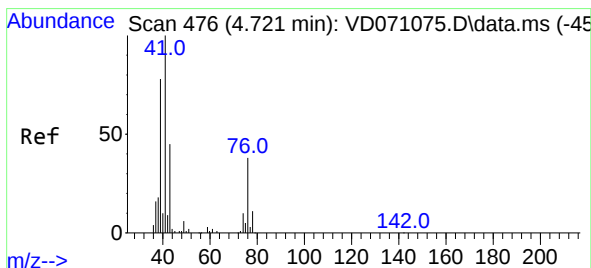
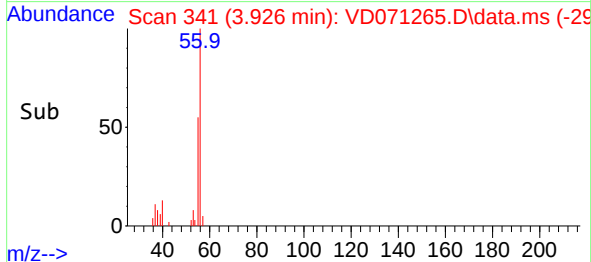
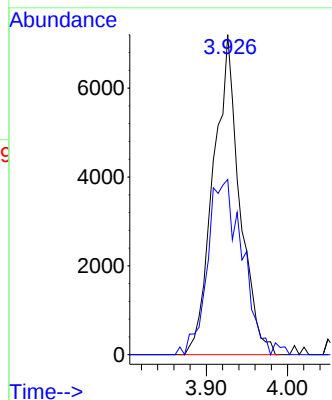
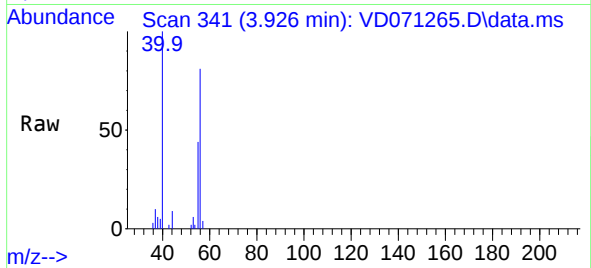




#13
Acrolein
Concen: 94.290 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

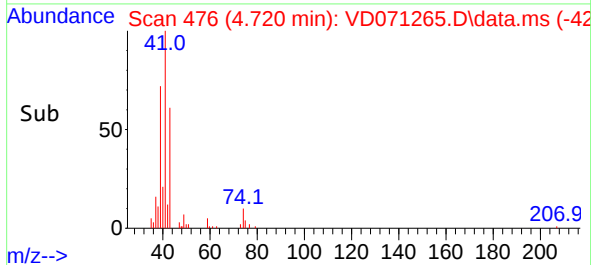
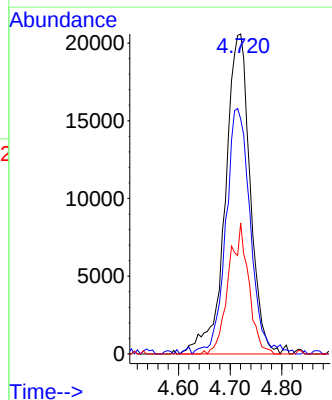
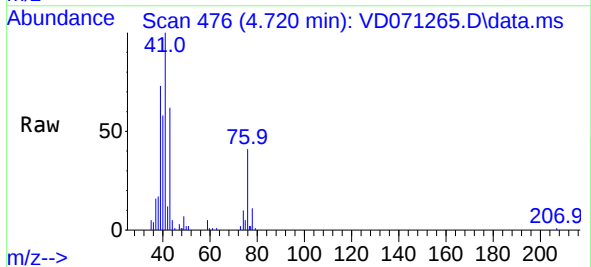
Instrument :
MSVOA_D
ClientSampleId :

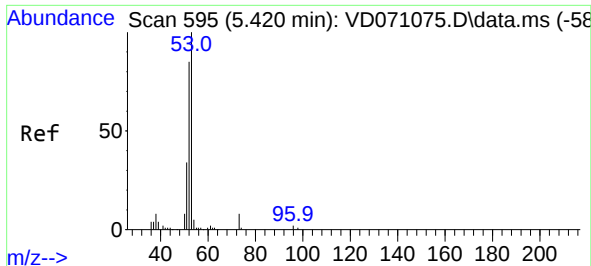
Tgt Ion: 56 Resp: 16331
Ion Ratio Lower Upper
56 100
55 71.7 58.6 87.8



#14
Allyl chloride
Concen: 18.064 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

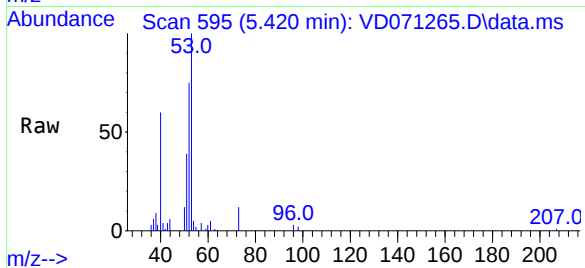
Tgt Ion: 41 Resp: 68801
Ion Ratio Lower Upper
41 100
39 75.5 45.6 68.4#
76 33.1 30.2 45.4



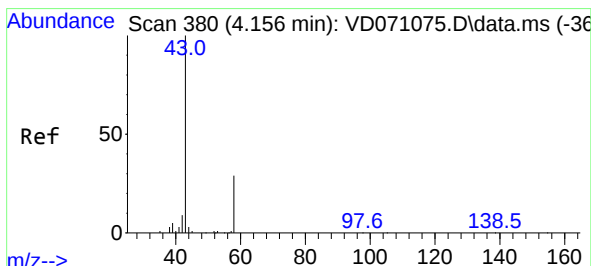
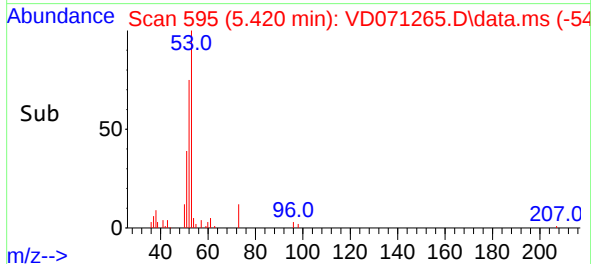
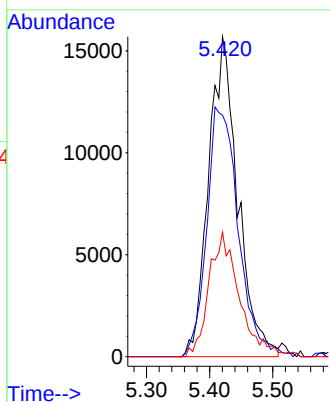


#15
Acrylonitrile
Concen: 103.782 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

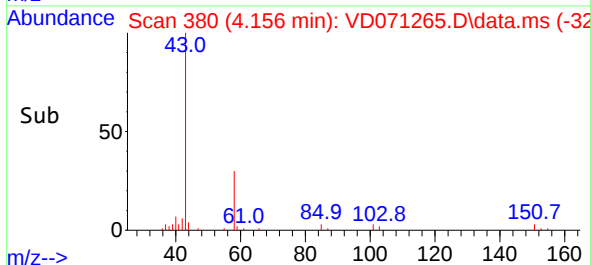
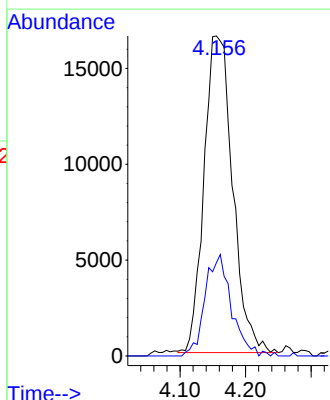
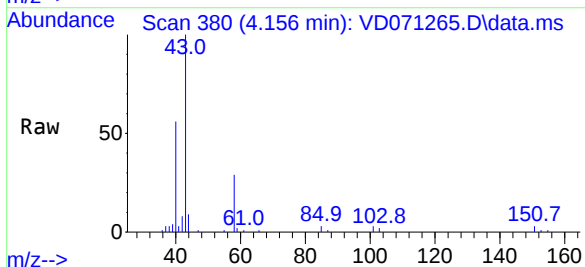


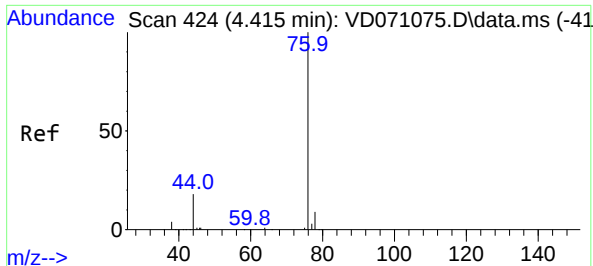
Tgt Ion: 53 Resp: 50394
Ion Ratio Lower Upper
53 100
52 84.3 63.8 95.8
51 40.3 28.5 42.7



#16
Acetone
Concen: 96.185 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 43 Resp: 50190
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

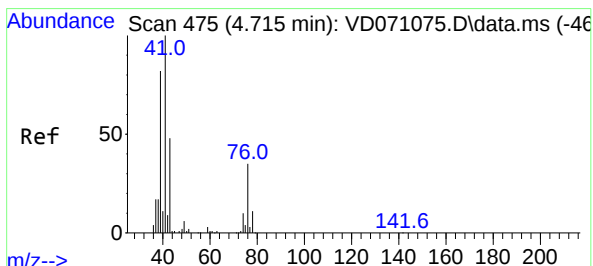
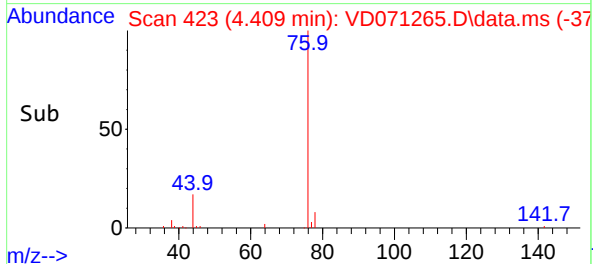
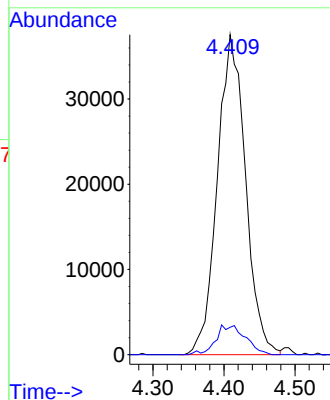
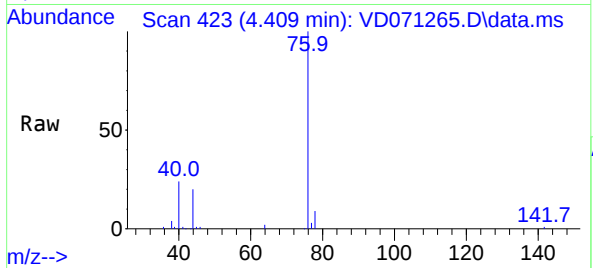




#17
Carbon Disulfide
Concen: 17.635 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

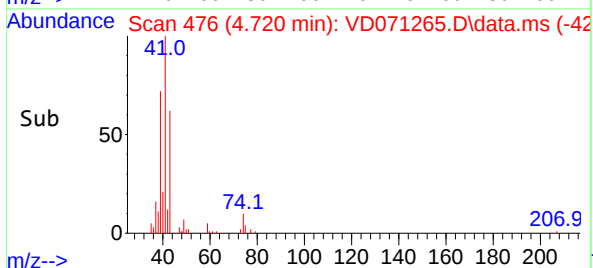
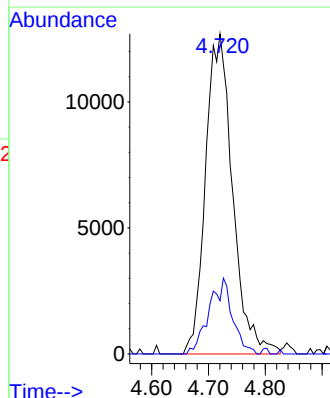
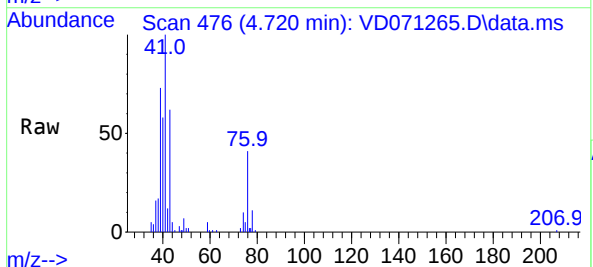
Instrument :
MSVOA_D
ClientSampleId :

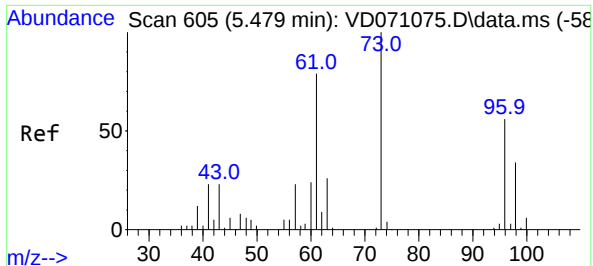
Tgt Ion: 76 Resp: 103535
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8



#18
Methyl Acetate
Concen: 22.459 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 43 Resp: 41998
Ion Ratio Lower Upper
43 100
74 20.5 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 18.852 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

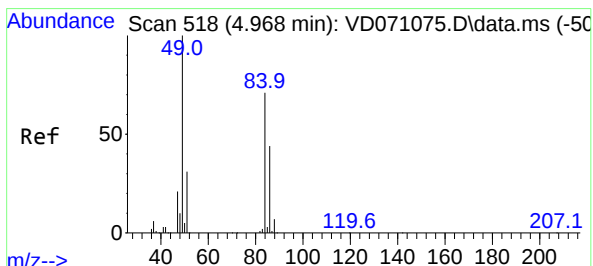
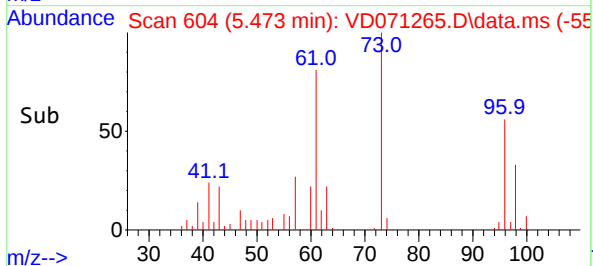
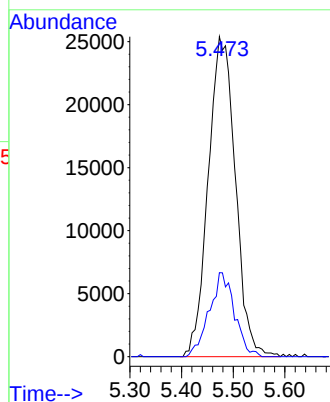
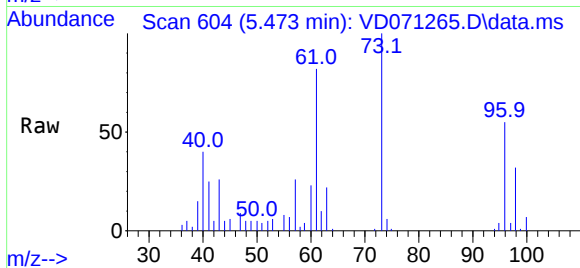
ClientSampleId :

Tgt Ion: 73 Resp: 92641

Ion Ratio Lower Upper

73 100

57 26.3 18.9 28.3



#20

Methylene Chloride

Concen: 21.752 ug/l

RT: 4.967 min Scan# 518

Delta R.T. -0.001 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Tgt Ion: 84 Resp: 61666

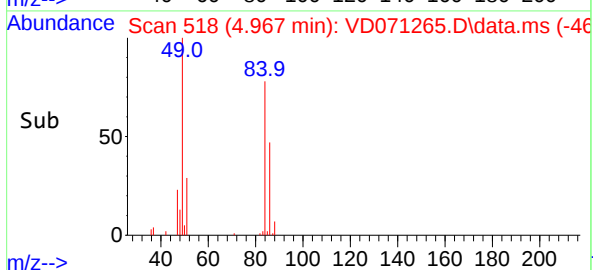
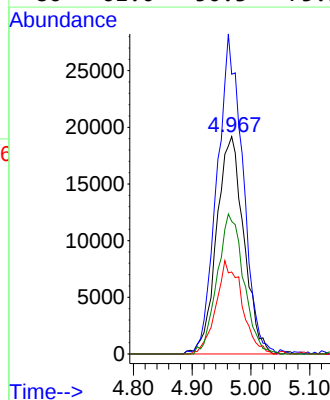
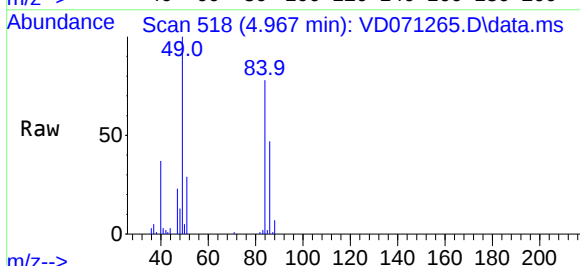
Ion Ratio Lower Upper

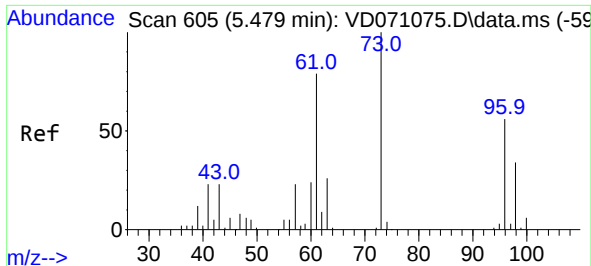
84 100

49 128.7 95.8 143.6

51 37.7 30.9 46.3

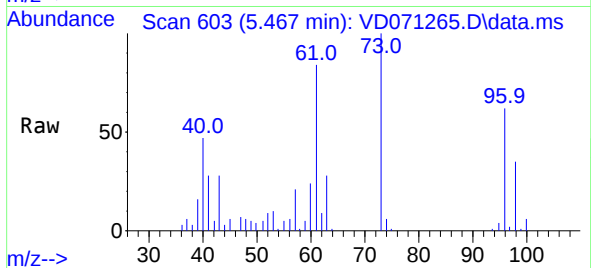
86 61.0 50.3 75.5





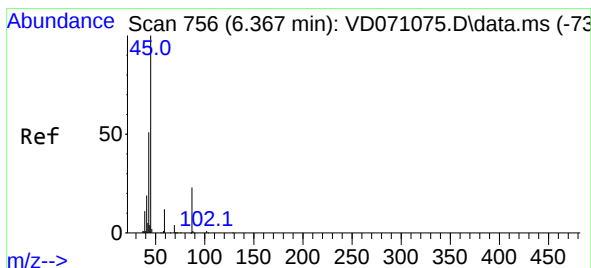
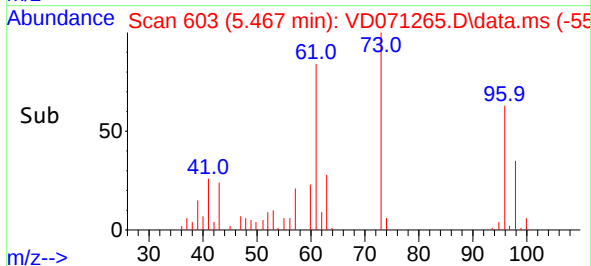
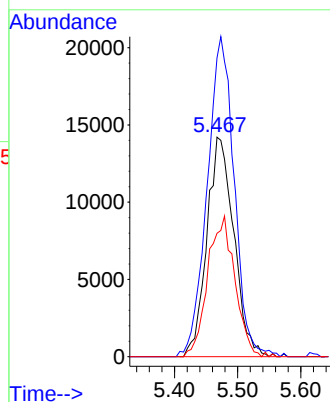
#21
trans-1,2-Dichloroethene
Concen: 18.644 ug/l
RT: 5.467 min Scan# 605
Delta R.T. -0.012 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 42084

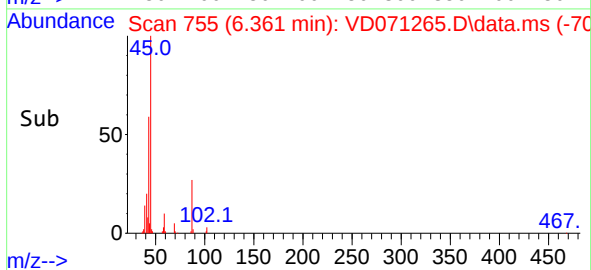
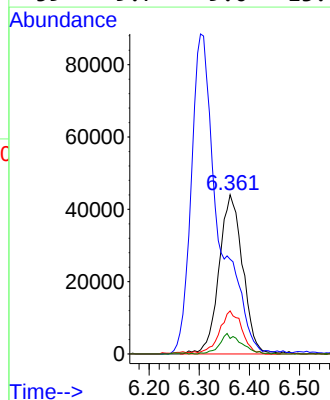
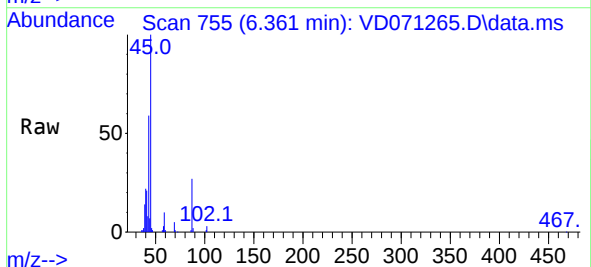
Ion	Ratio	Lower	Upper
96	100		
61	136.0	102.1	153.1
98	56.2	50.1	75.1



#22
Diisopropyl ether
Concen: 18.879 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 45 Resp: 144069

Ion	Ratio	Lower	Upper
45	100		
43	58.2	39.6	59.4
87	27.0	21.2	31.8
59	9.7	9.0	13.6

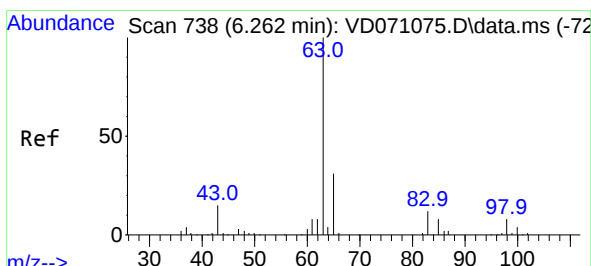
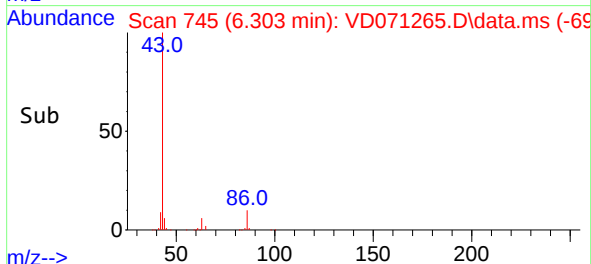
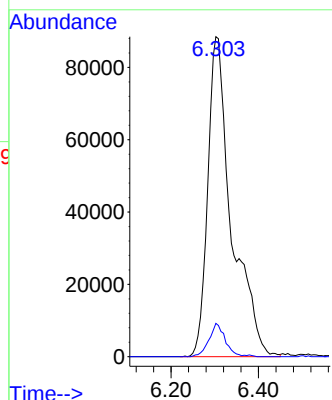
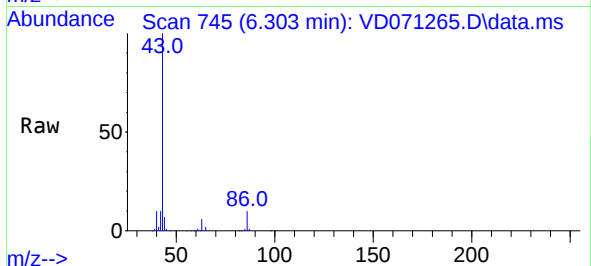




#23
 Vinyl Acetate
 Concen: 99.397 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

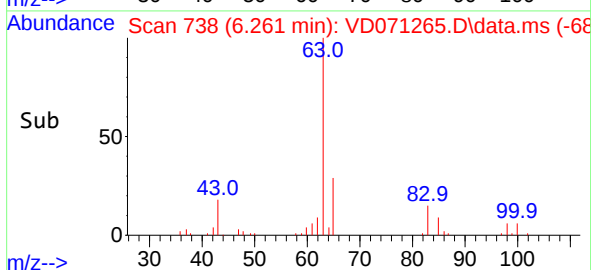
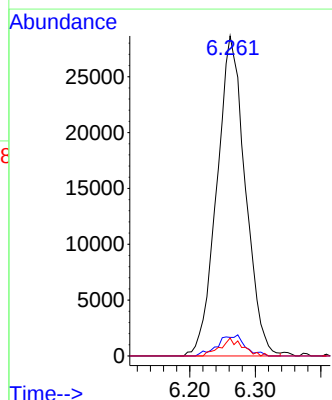
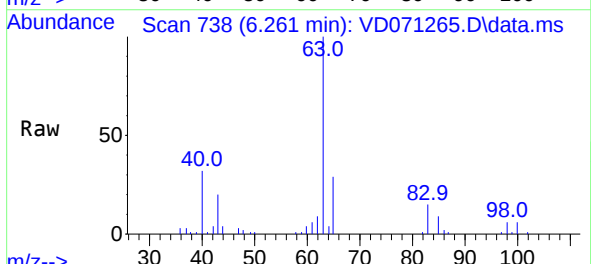
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 334248
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.650 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

Tgt Ion: 63 Resp: 86247
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.6
 100 5.6 2.1 6.3





#25

2-Butanone

Concen: 106.356 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.001 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

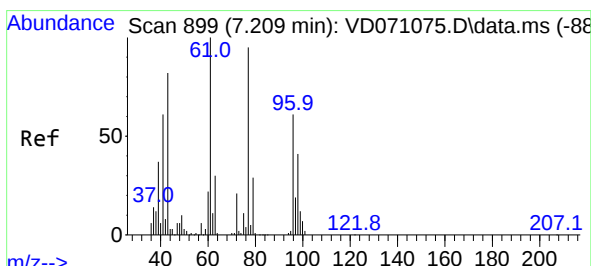
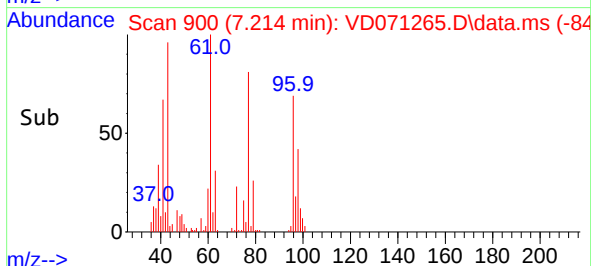
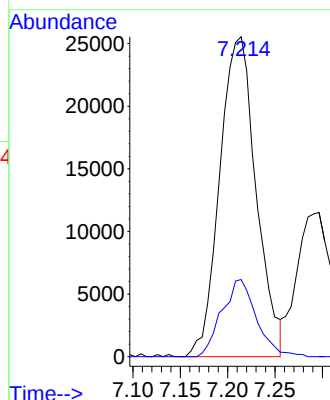
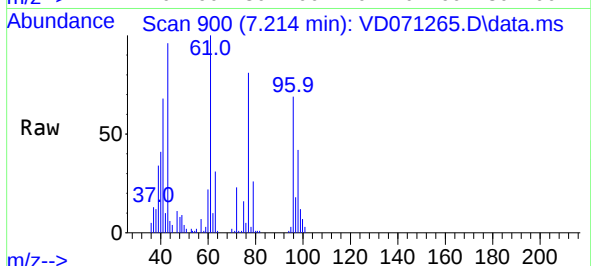
ClientSampleId :

Tgt Ion: 43 Resp: 68384

Ion Ratio Lower Upper

43 100

72 24.1 23.8 35.6



#26

2,2-Dichloropropane

Concen: 16.716 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071265.D

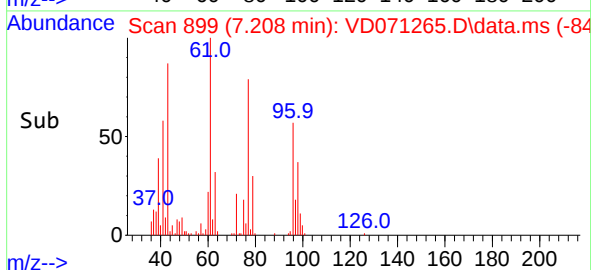
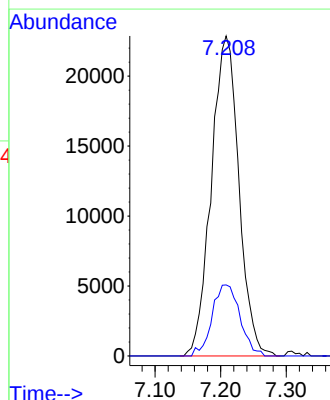
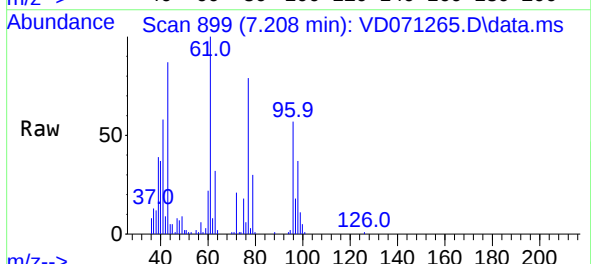
Acq: 11 Dec 2021 12:53

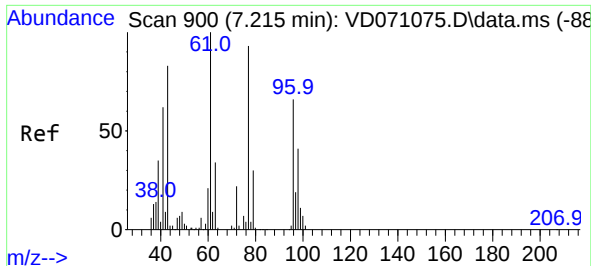
Tgt Ion: 77 Resp: 66718

Ion Ratio Lower Upper

77 100

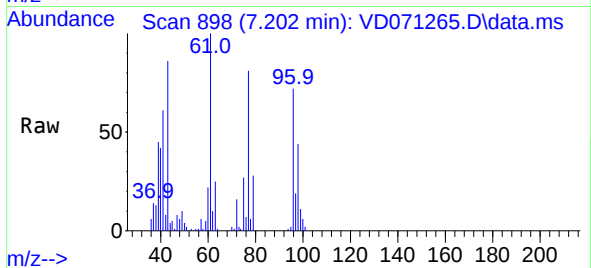
97 22.5 11.9 35.5



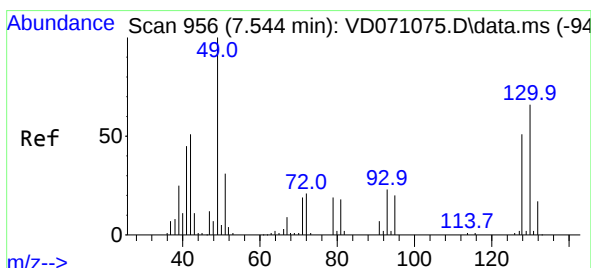
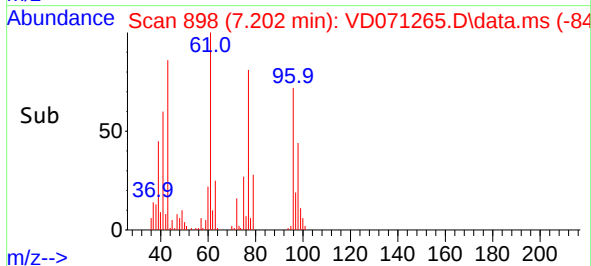
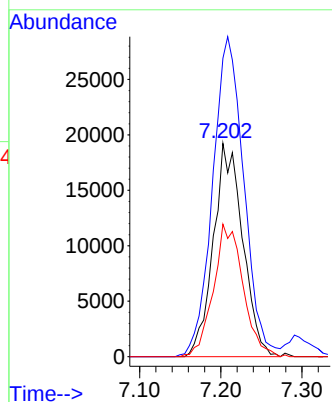


#27
cis-1,2-Dichloroethene
Concen: 18.904 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.013 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

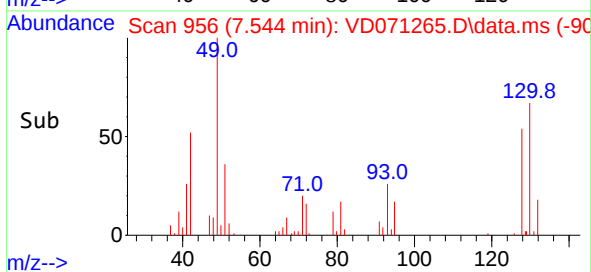
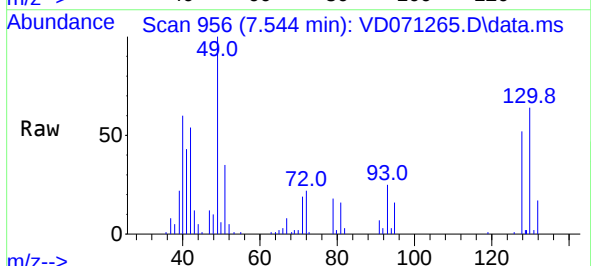
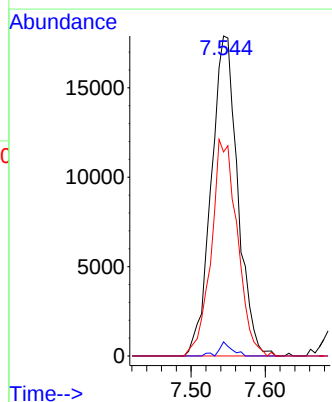


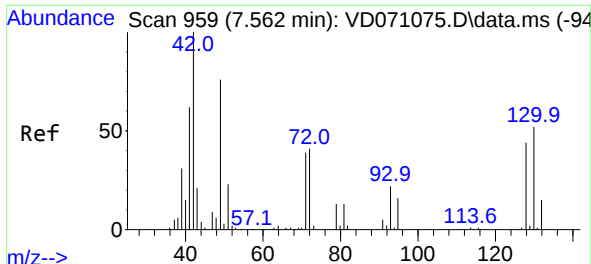
Tgt Ion: 96 Resp: 48275
Ion Ratio Lower Upper
96 100
61 159.4 0.0 288.6
98 62.8 0.0 129.2



#28
Bromochloromethane
Concen: 23.311 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 49 Resp: 44440
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 66.5 60.2 90.2

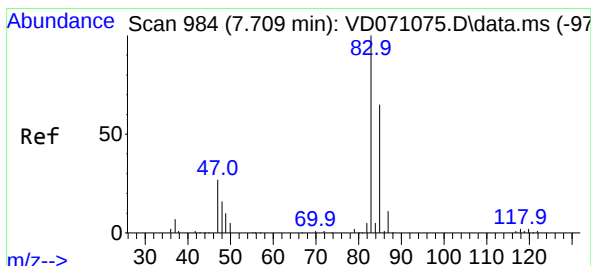
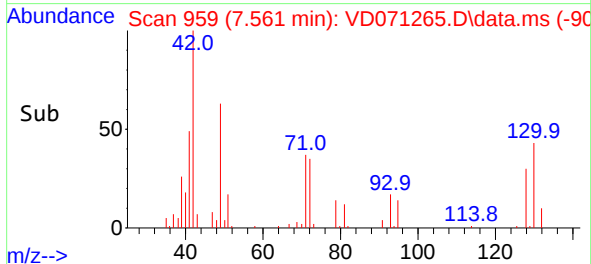
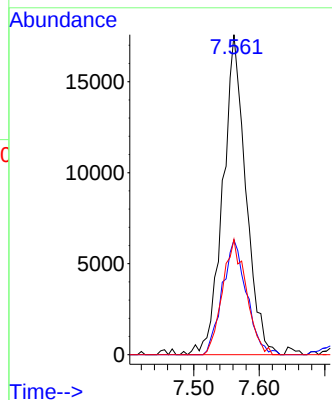
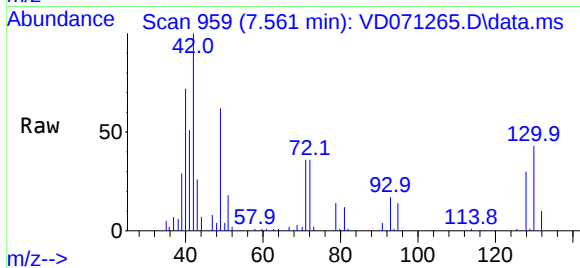




#29
Tetrahydrofuran
Concen: 106.380 ug/l
RT: 7.561 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

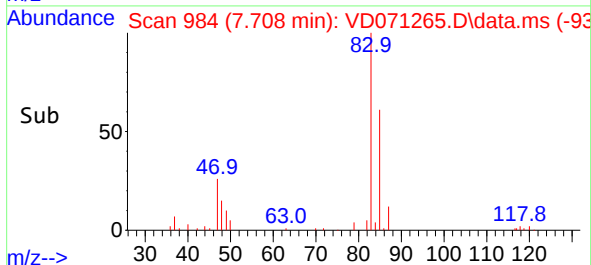
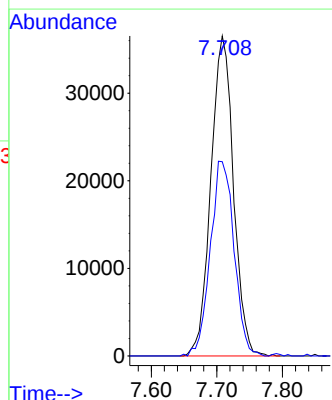
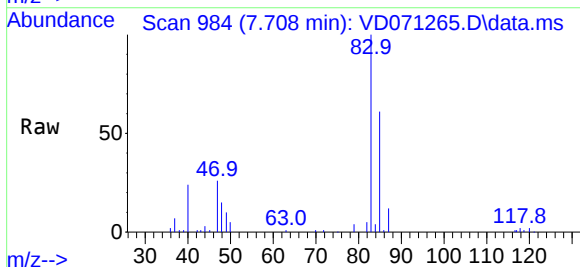
Instrument :
MSVOA_D
ClientSampleId :

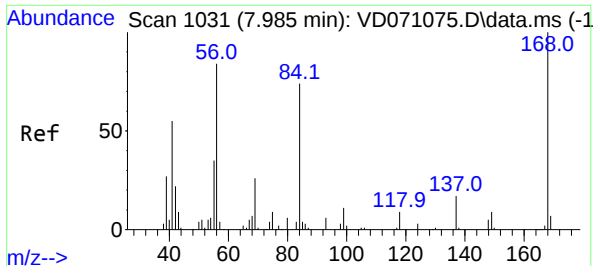
Tgt Ion: 42 Resp: 42813
Ion Ratio Lower Upper
42 100
72 37.9 33.7 50.5
71 37.3 32.7 49.1



#30
Chloroform
Concen: 19.842 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 83 Resp: 87402
Ion Ratio Lower Upper
83 100
85 60.7 51.0 76.6





#31

Cyclohexane

Concen: 17.404 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

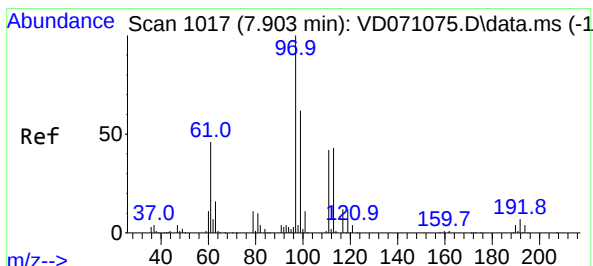
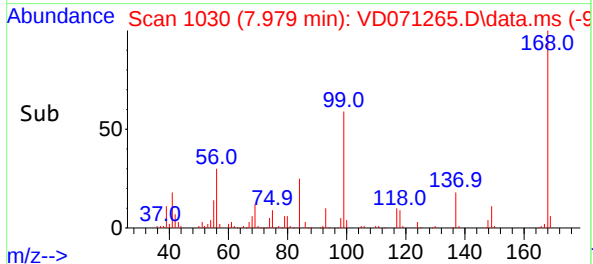
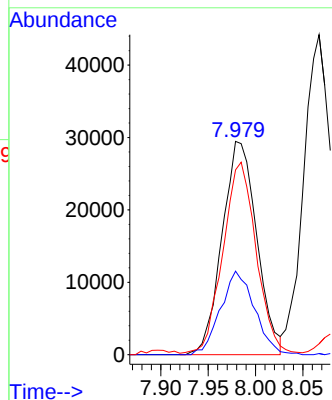
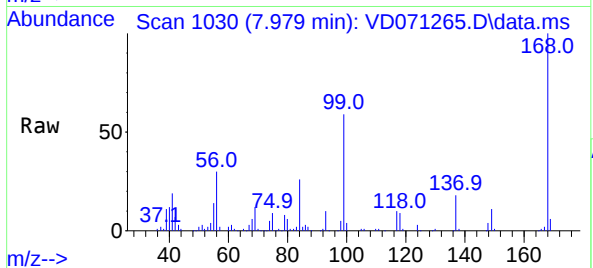
Tgt Ion: 56 Resp: 75033

Ion Ratio Lower Upper

56 100

69 39.1 25.9 38.9#

84 86.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 19.309 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

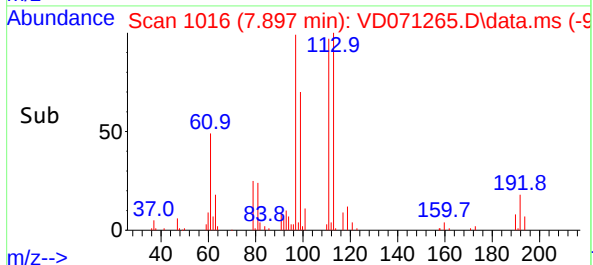
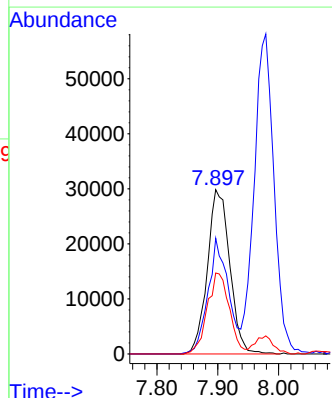
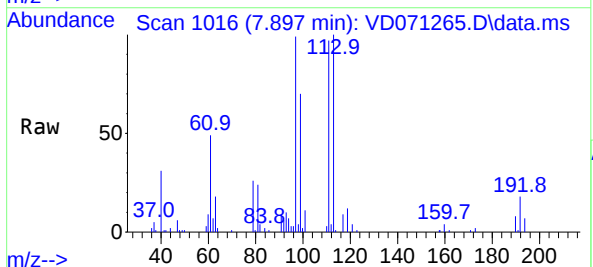
Tgt Ion: 97 Resp: 76366

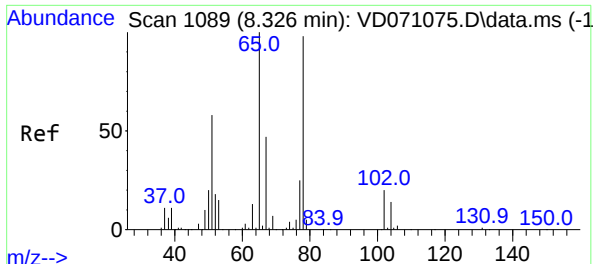
Ion Ratio Lower Upper

97 100

99 64.7 50.3 75.5

61 48.7 33.0 49.4

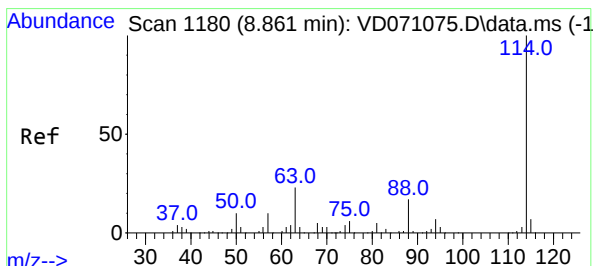
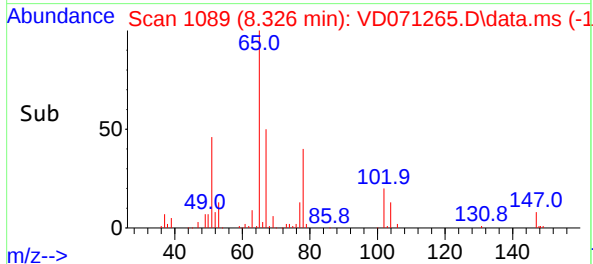
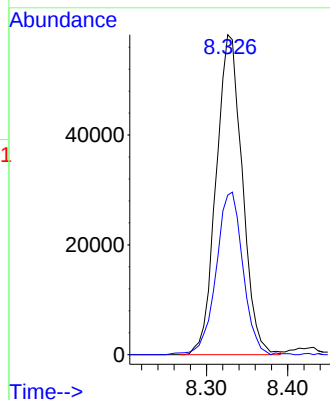
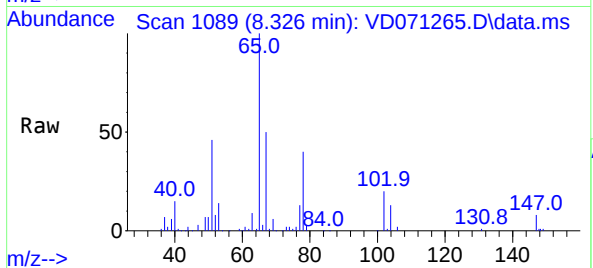




#33
1,2-Dichloroethane-d4
Concen: 51.545 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

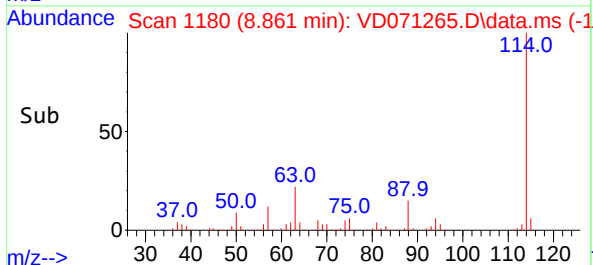
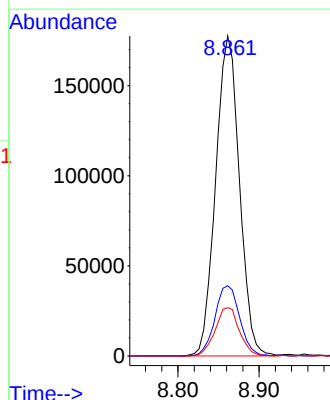
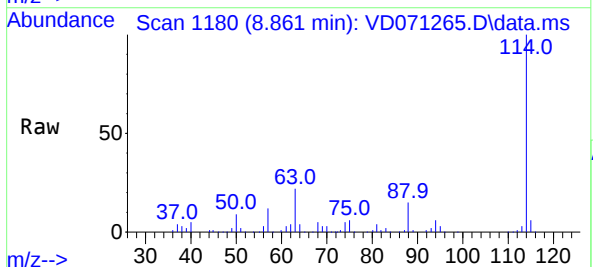
Instrument :
MSVOA_D
ClientSampleId :

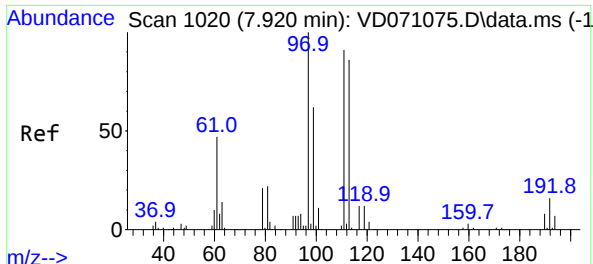
Tgt Ion: 65 Resp: 130641
Ion Ratio Lower Upper
65 100
67 52.1 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

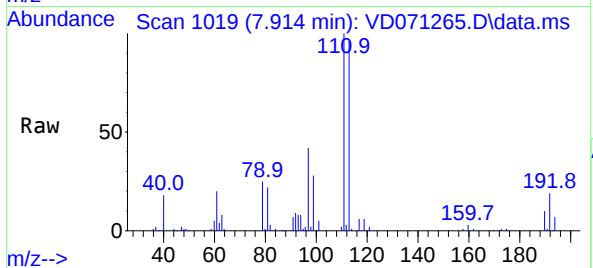
Tgt Ion: 114 Resp: 361543
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 15.1 0.0 32.8



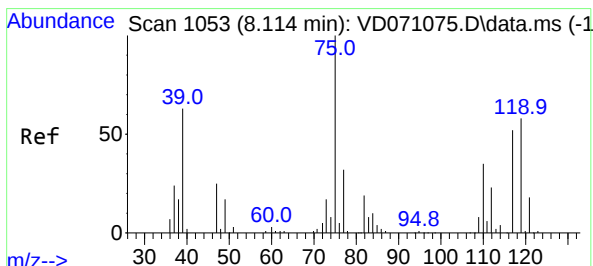
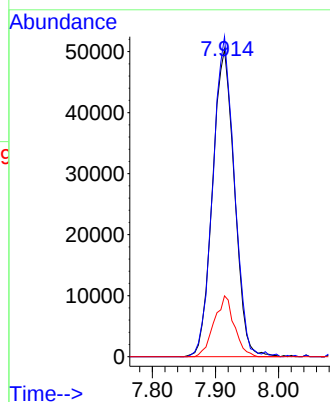
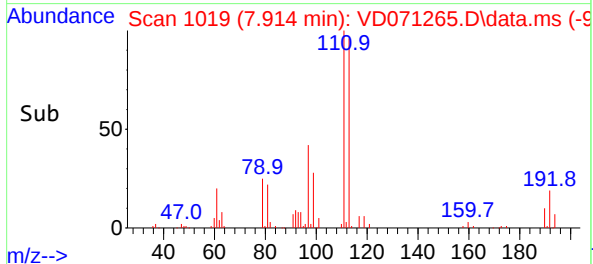


#35
Dibromofluoromethane
Concen: 52.726 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

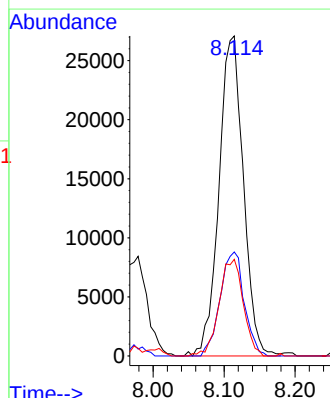
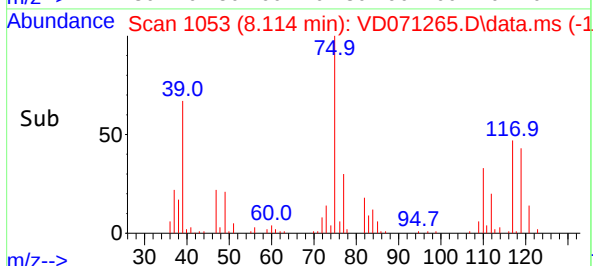
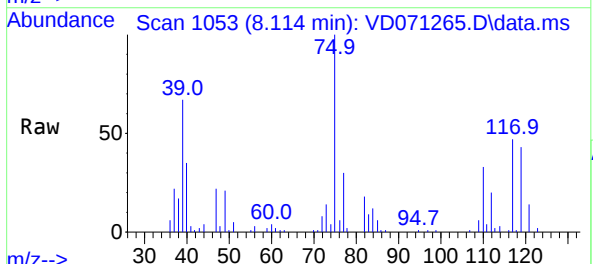


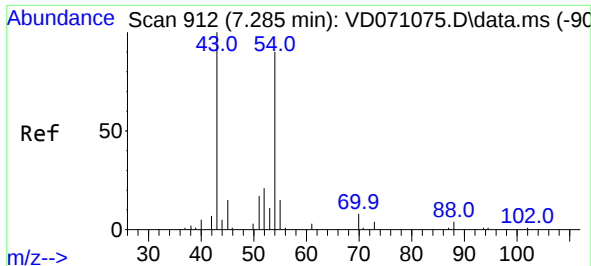
Tgt Ion:113 Resp: 121389
Ion Ratio Lower Upper
113 100
111 102.4 82.0 123.0
192 18.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.123 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 75 Resp: 64618
Ion Ratio Lower Upper
75 100
110 32.1 17.8 53.4
77 29.9 24.8 37.2





#37

Ethyl Acetate

Concen: 22.177 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

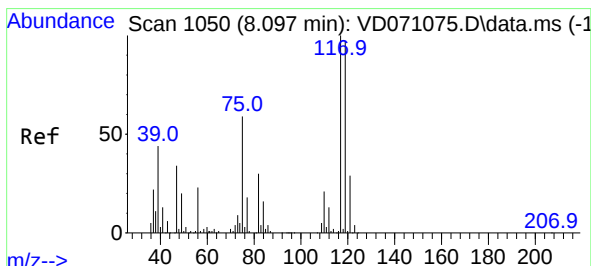
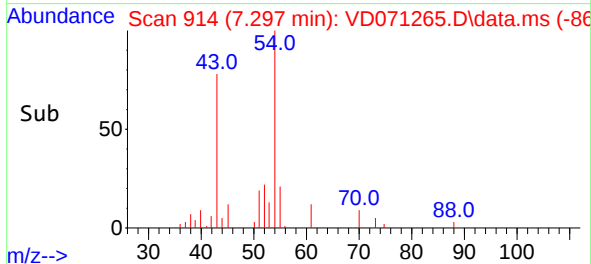
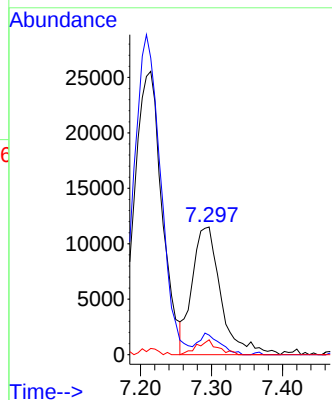
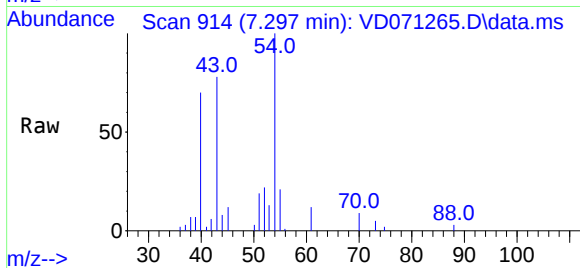
Tgt Ion: 43 Resp: 32371

Ion Ratio Lower Upper

43 100

61 12.1 13.0 19.6#

70 8.4 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 19.215 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

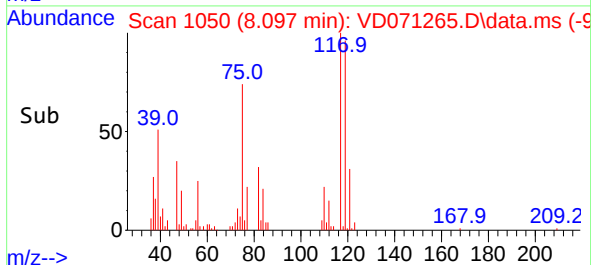
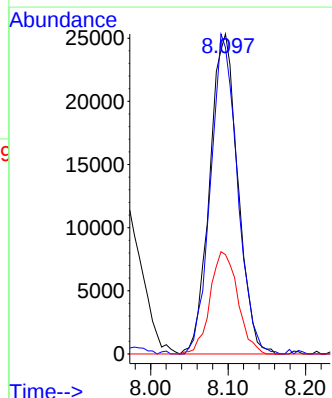
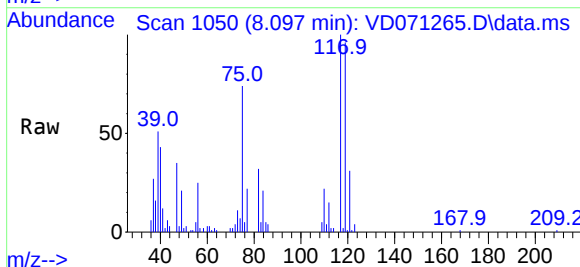
Tgt Ion: 117 Resp: 64005

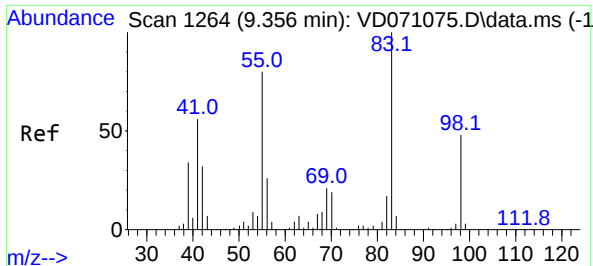
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 31.0 23.6 35.4





#39

Methylcyclohexane

Concen: 16.935 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

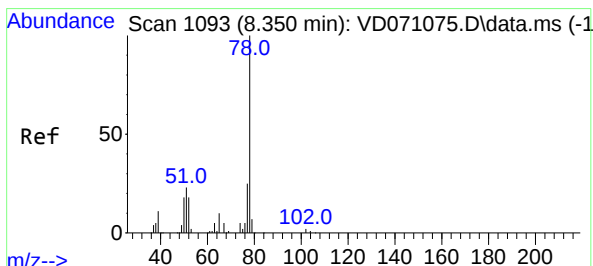
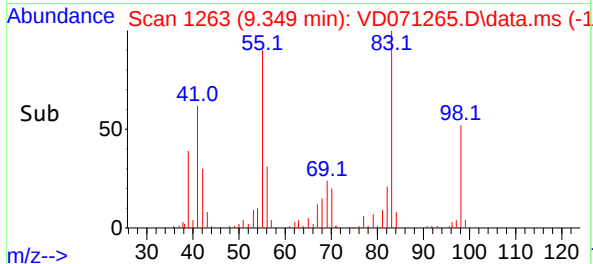
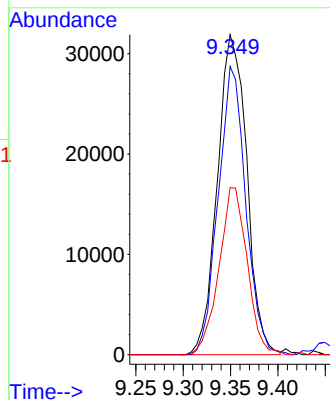
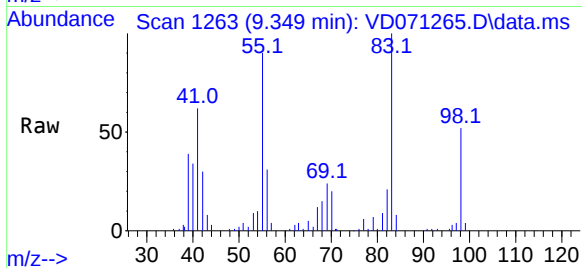
Tgt Ion: 83 Resp: 68830

Ion Ratio Lower Upper

83 100

55 90.1 65.8 98.8

98 52.2 38.7 58.1



#40

Benzene

Concen: 19.158 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD071265.D

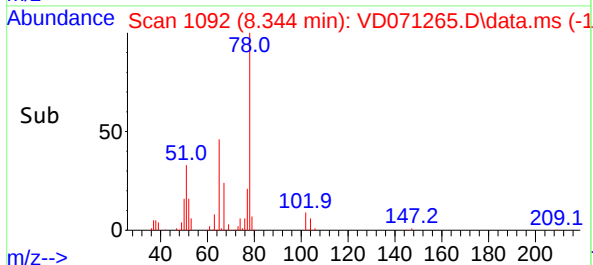
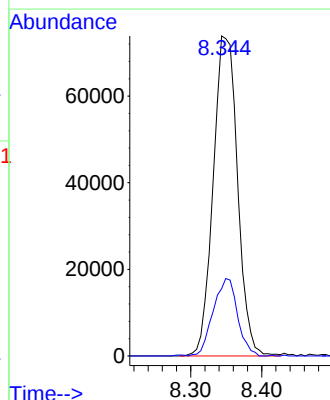
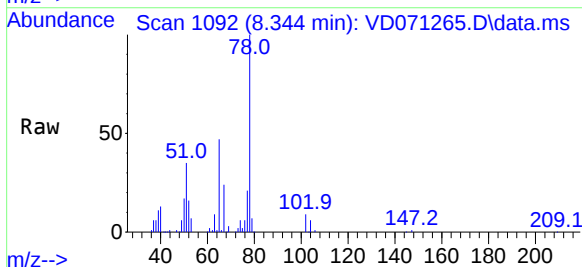
Acq: 11 Dec 2021 12:53

Tgt Ion: 78 Resp: 175841

Ion Ratio Lower Upper

78 100

77 21.0 19.1 28.7



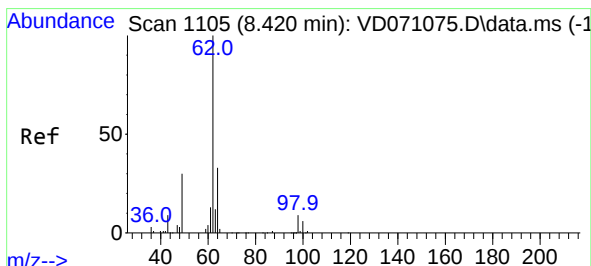
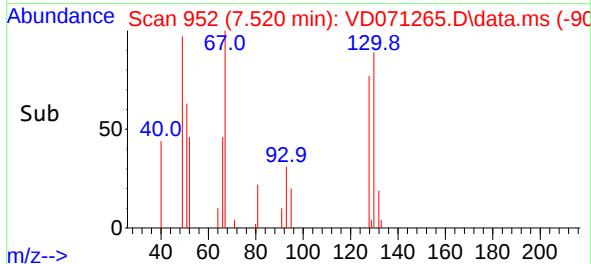
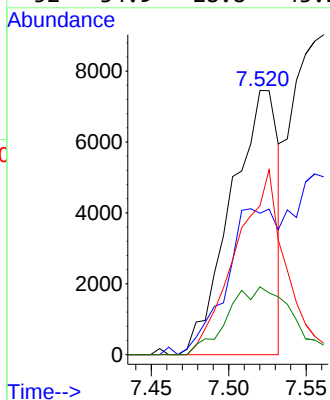
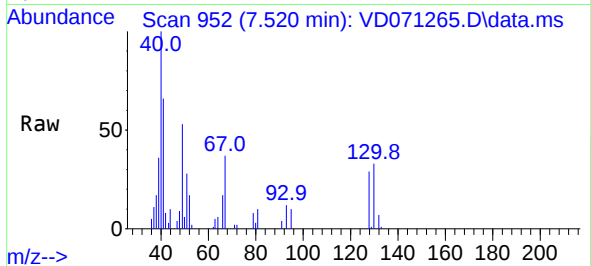


#41
Methacrylonitrile
Concen: 24.097 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 15774

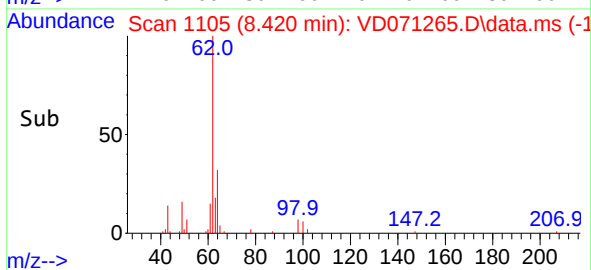
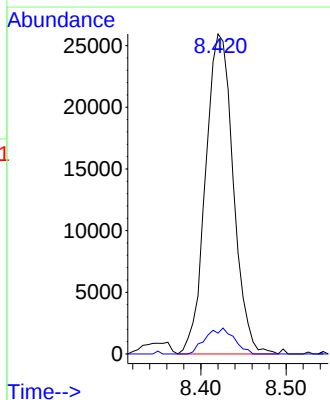
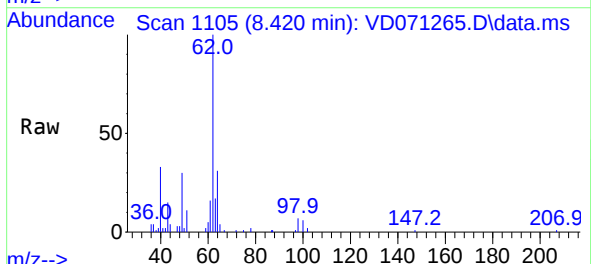
Ion	Ratio	Lower	Upper
41	100		
39	60.5	60.2	90.4
67	73.1	74.8	112.2#
52	34.9	28.8	43.2

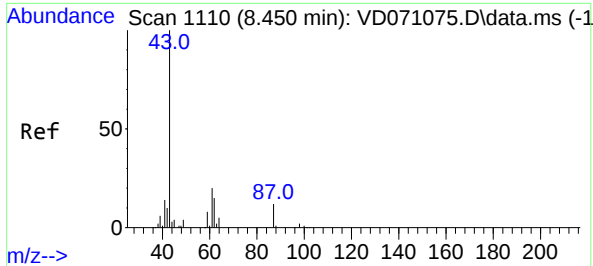


#42
1,2-Dichloroethane
Concen: 20.928 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 62 Resp: 58635

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	21.8

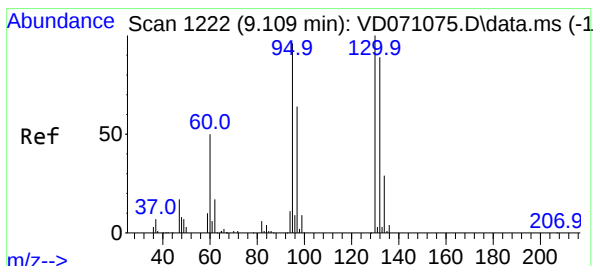
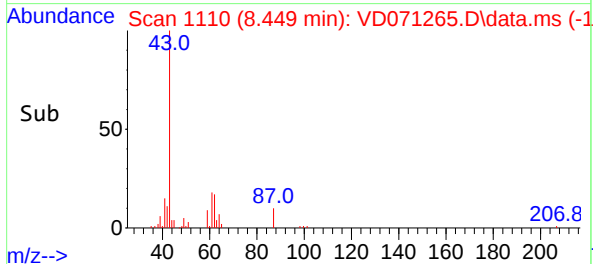
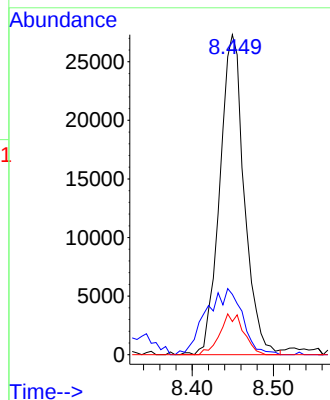
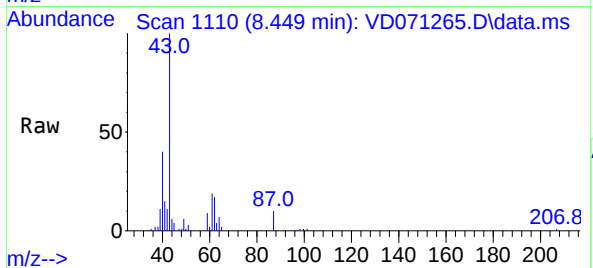




#43
Isopropyl Acetate
Concen: 21.173 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

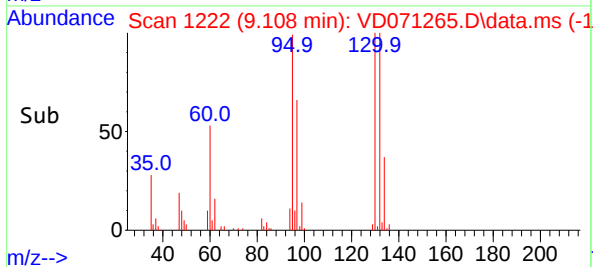
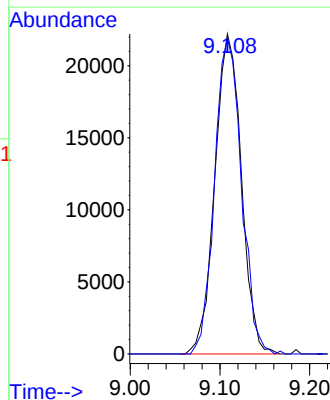
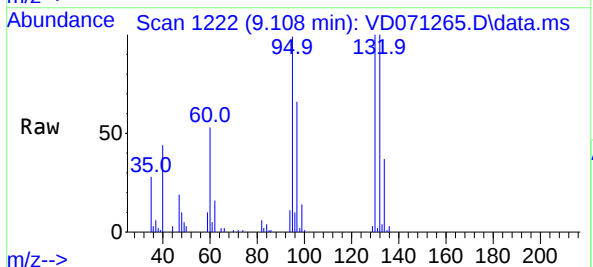
Instrument :
MSVOA_D
ClientSampleId :

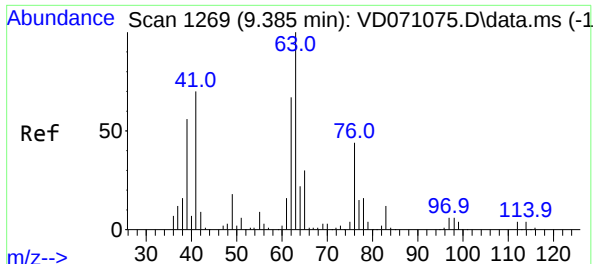
Tgt Ion: 43 Resp: 57203
Ion Ratio Lower Upper
43 100
61 30.8 28.2 42.4
87 12.4 10.7 16.1



#44
Trichloroethene
Concen: 18.629 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:130 Resp: 45590
Ion Ratio Lower Upper
130 100
95 98.7 0.0 193.2





#45

1,2-Dichloropropane

Concen: 19.174 ug/l

RT: 9.379 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

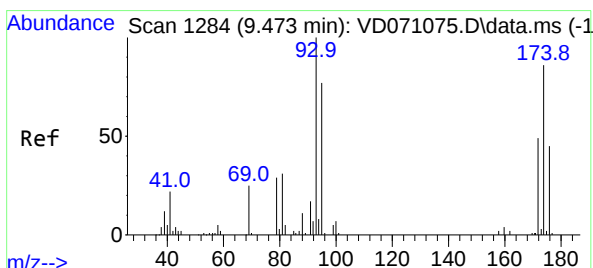
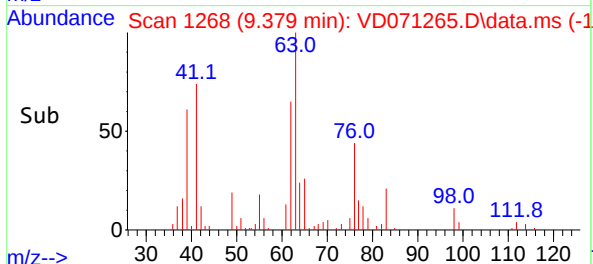
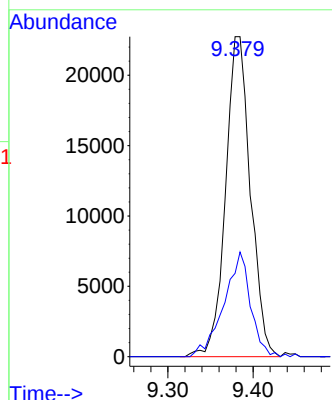
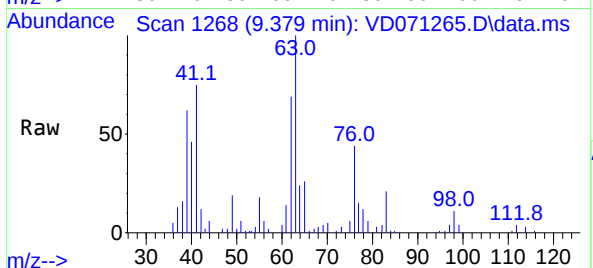
ClientSampleId :

Tgt Ion: 63 Resp: 46283

Ion Ratio Lower Upper

63 100

65 26.1 24.2 36.2



#46

Dibromomethane

Concen: 19.959 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

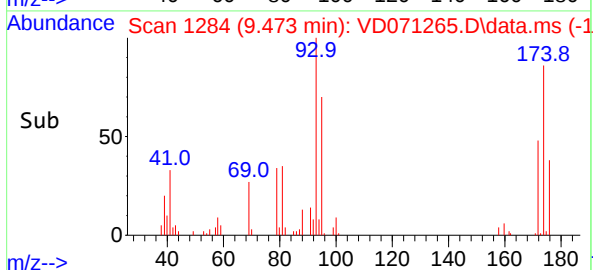
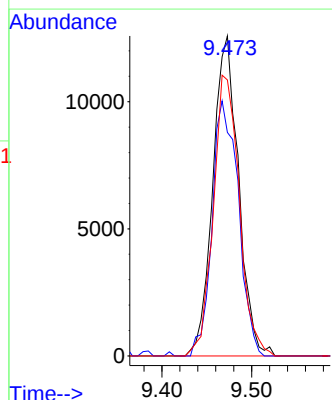
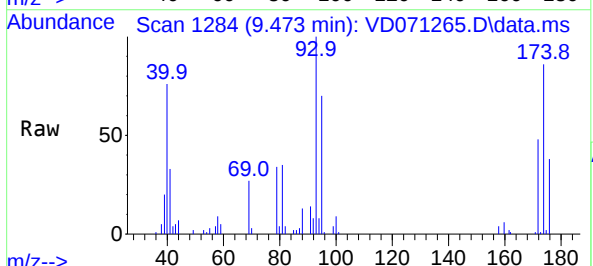
Tgt Ion: 93 Resp: 24995

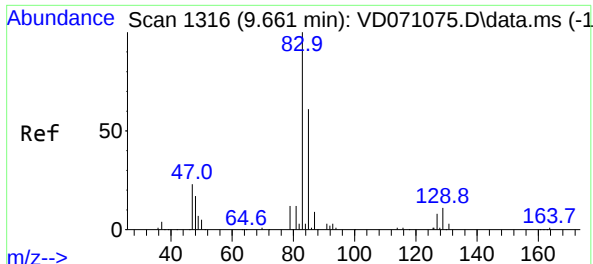
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

174 89.0 78.6 117.8

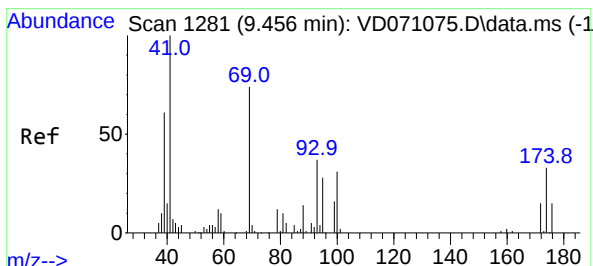
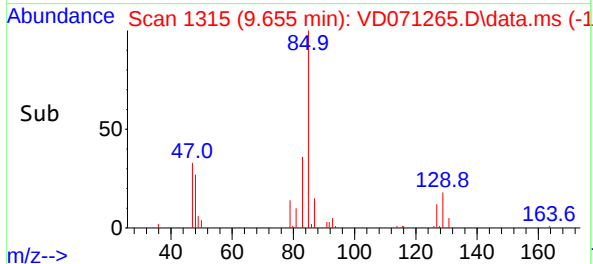
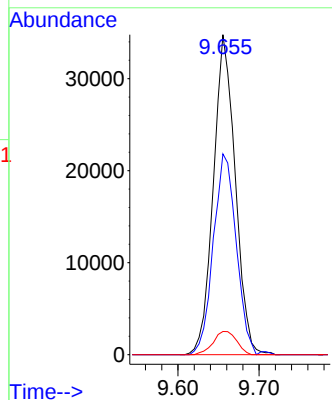
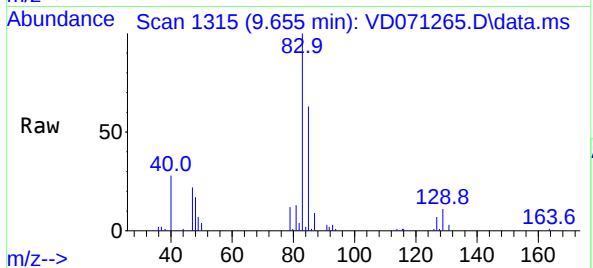




#47
Bromodichloromethane
Concen: 19.662 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

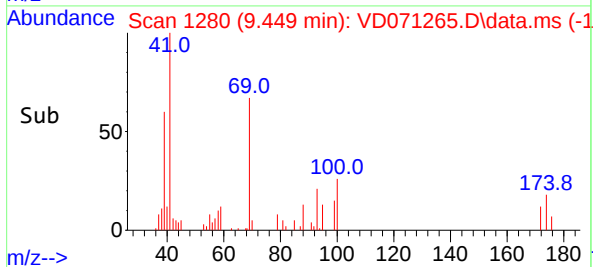
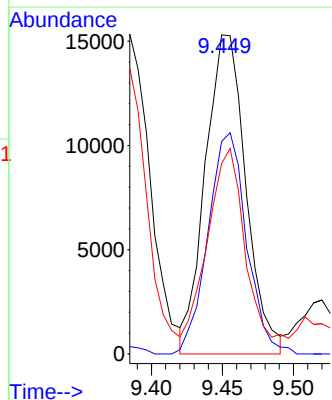
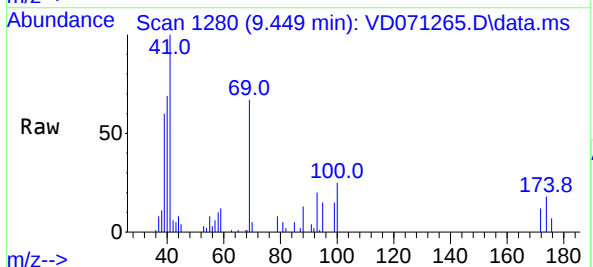
Instrument :
MSVOA_D
ClientSampleId :

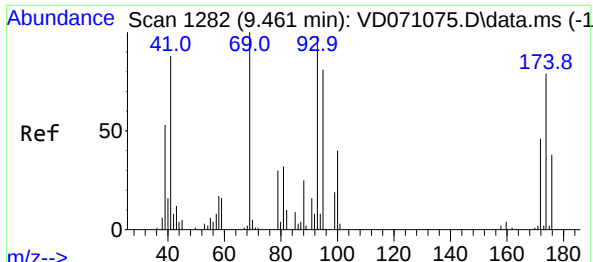
Tgt Ion: 83 Resp: 65118
Ion Ratio Lower Upper
83 100
85 62.7 50.0 75.0
127 7.3 7.3 10.9#



#48
Methyl methacrylate
Concen: 21.287 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 41 Resp: 30414
Ion Ratio Lower Upper
41 100
69 66.1 69.8 104.6#
39 52.5 35.6 53.4





#49

1,4-Dioxane

Concen: 433.130 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

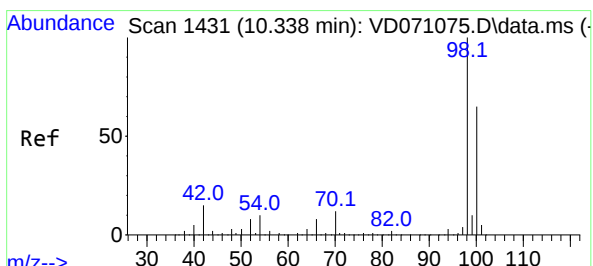
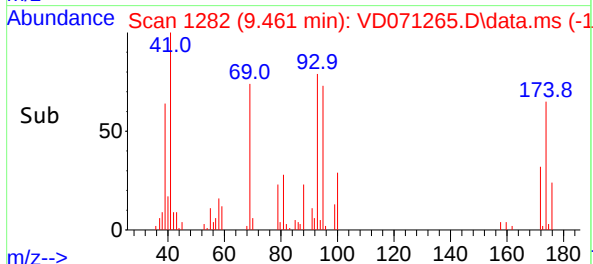
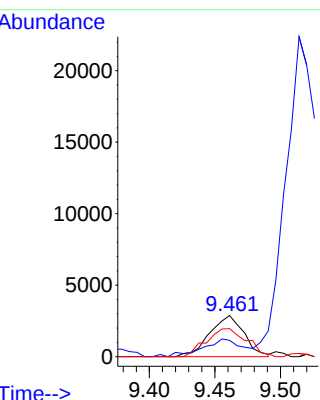
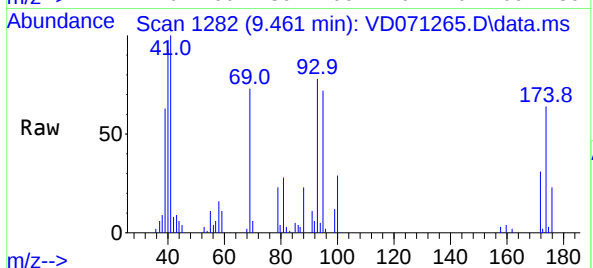
Tgt Ion: 88 Resp: 5236

Ion Ratio Lower Upper

88 100

43 49.9 28.9 43.3#

58 80.1 56.3 84.5



#50

Toluene-d8

Concen: 47.205 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071265.D

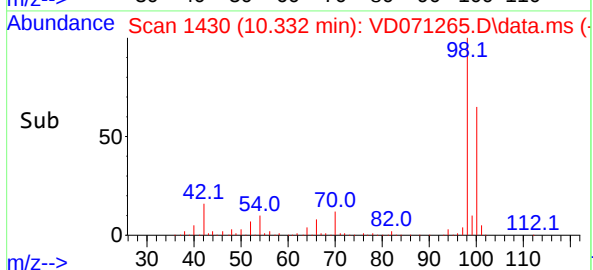
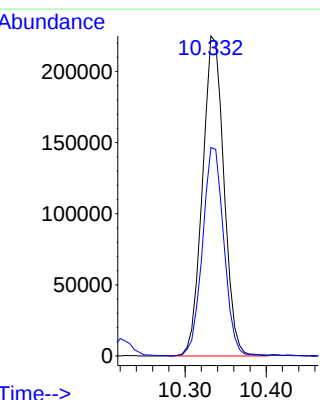
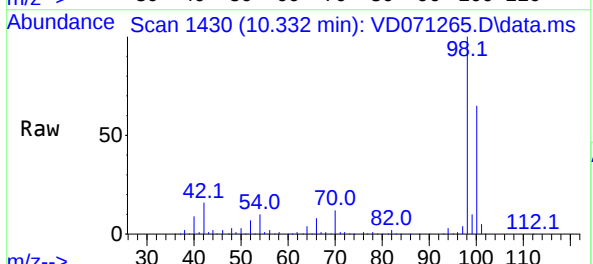
Acq: 11 Dec 2021 12:53

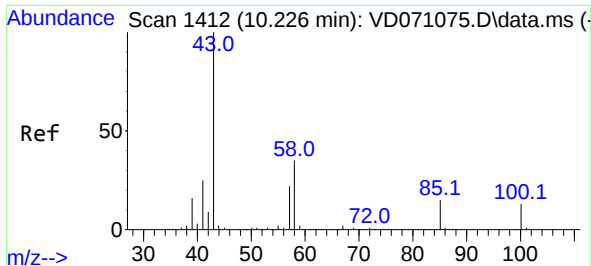
Tgt Ion: 98 Resp: 413574

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6

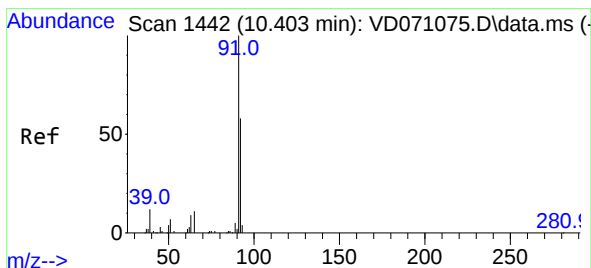
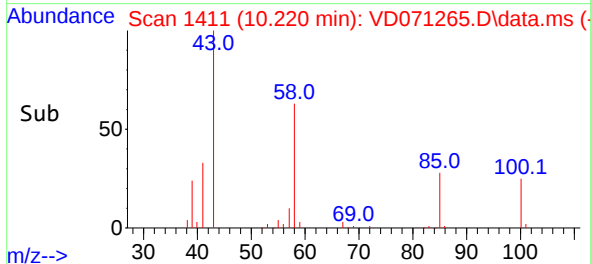
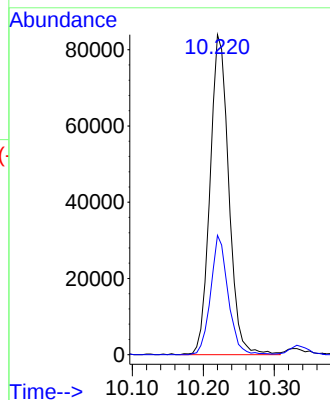
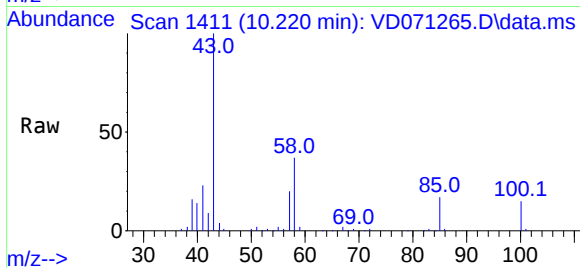




#51
4-Methyl-2-Pentanone
Concen: 112.698 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

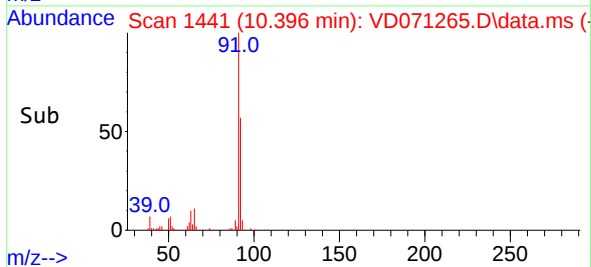
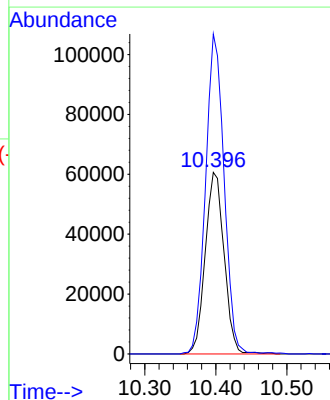
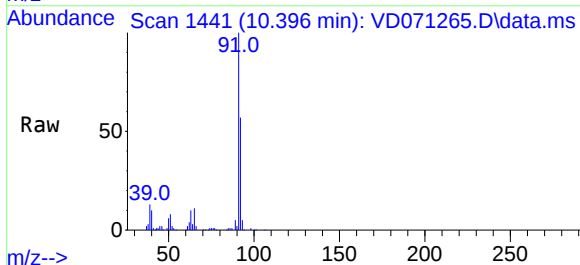
Instrument :
MSVOA_D
ClientSampleId :

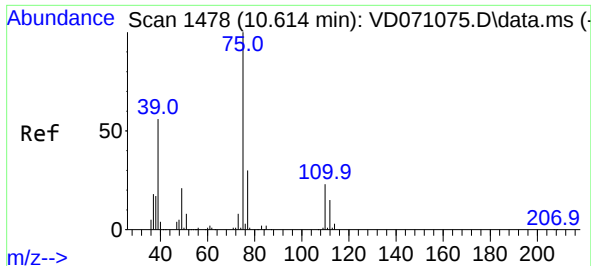
Tgt Ion: 43 Resp: 153914
Ion Ratio Lower Upper
43 100
58 34.8 33.1 49.7



#52
Toluene
Concen: 19.241 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 92 Resp: 112055
Ion Ratio Lower Upper
92 100
91 172.6 140.7 211.1

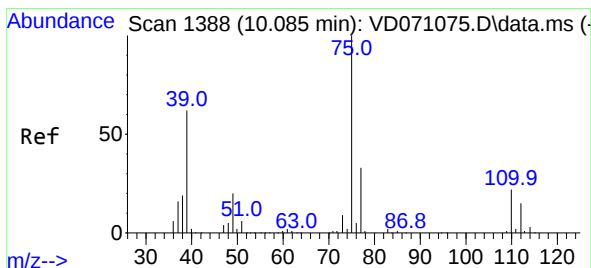
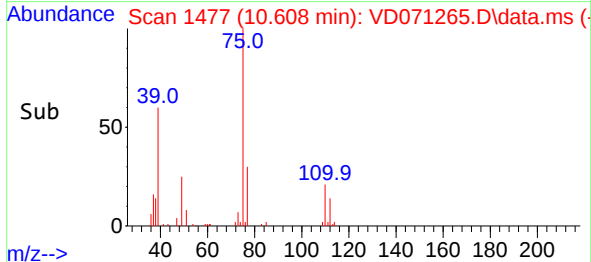
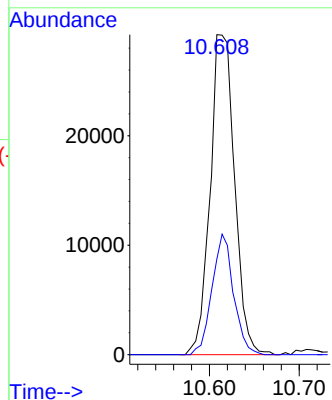
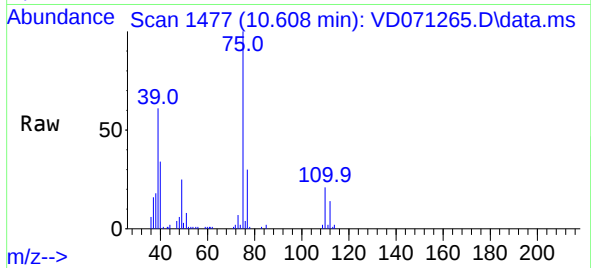




#53
 t-1,3-Dichloropropene
 Concen: 18.188 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

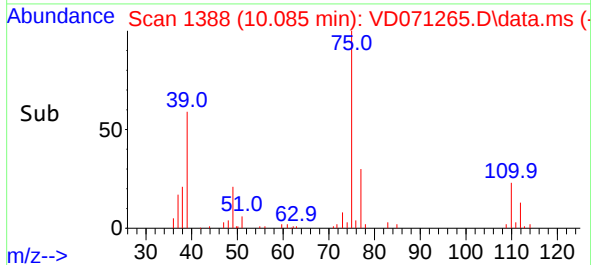
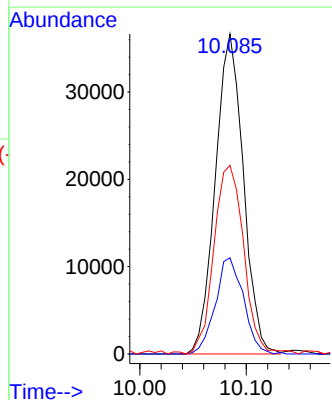
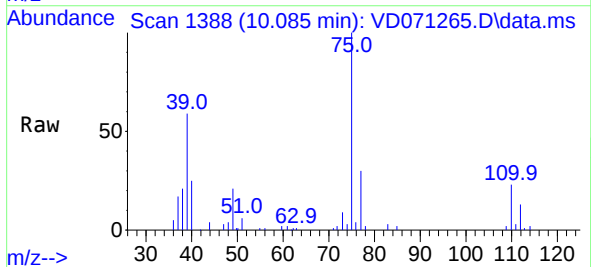
Instrument :
 MSVOA_D
 ClientSampleId :

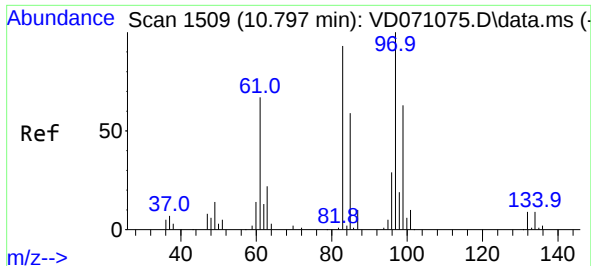
Tgt Ion: 75 Resp: 55382
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.517 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

Tgt Ion: 75 Resp: 66976
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.6
 39 58.4 31.6 47.4#



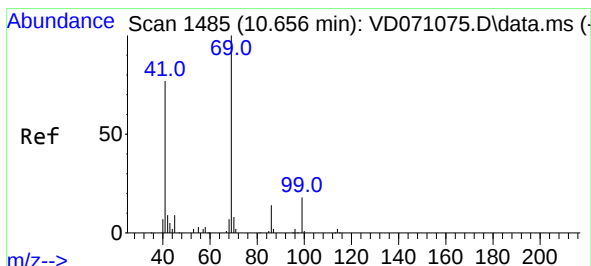
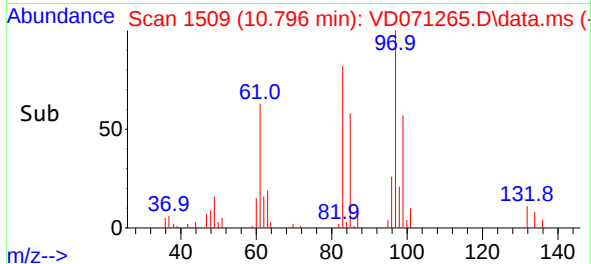
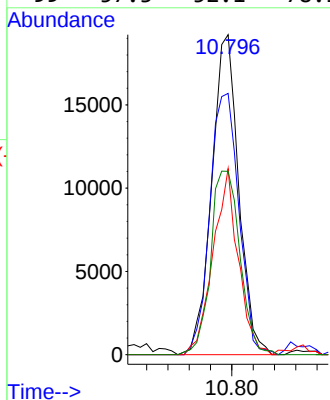
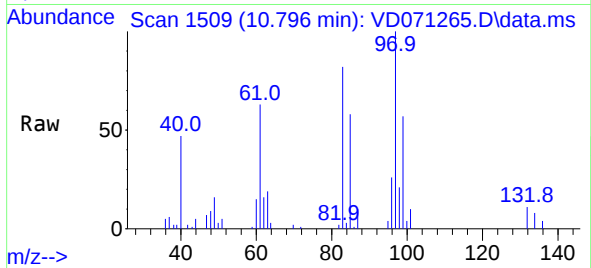


#55
1,1,2-Trichloroethane
Concen: 20.554 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 97 Resp: 33768

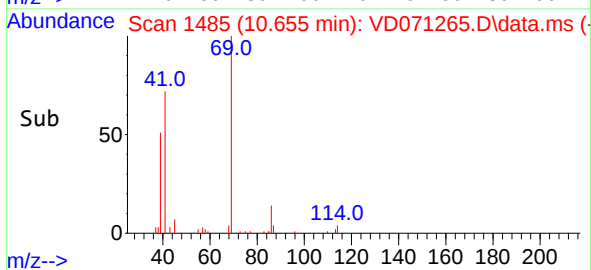
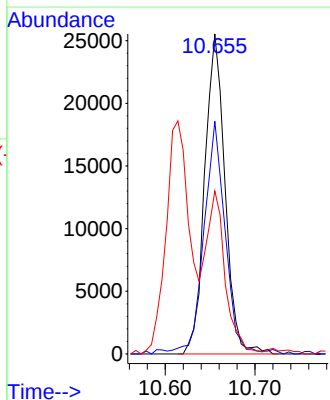
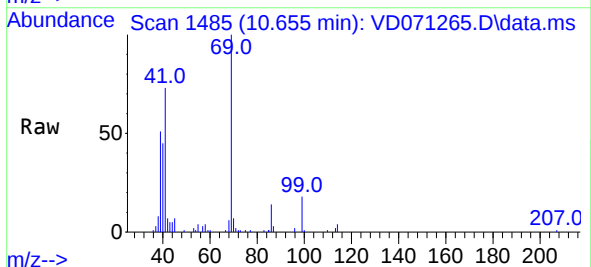
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.2	97.8
85	58.1	43.4	65.0
99	57.3	52.1	78.1

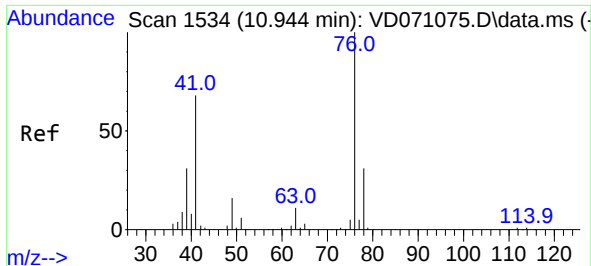


#56
Ethyl methacrylate
Concen: 20.886 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 69 Resp: 40059

Ion	Ratio	Lower	Upper
69	100		
41	72.2	50.2	75.2
39	48.5	19.8	29.8





#57

1,3-Dichloropropane

Concen: 19.941 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

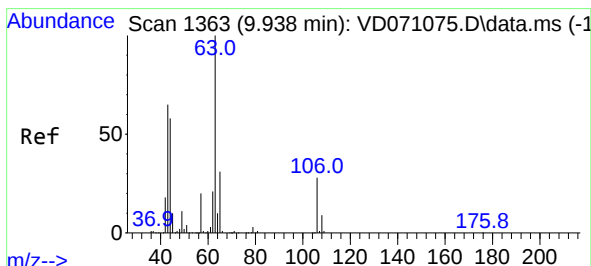
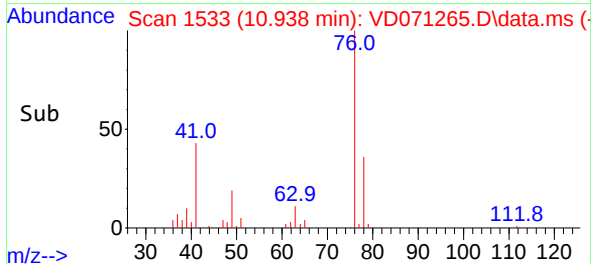
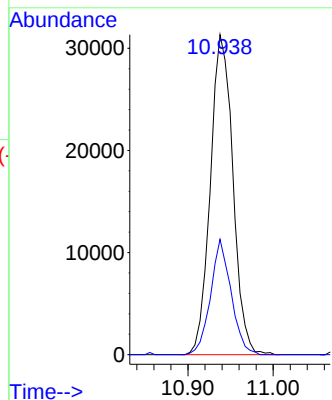
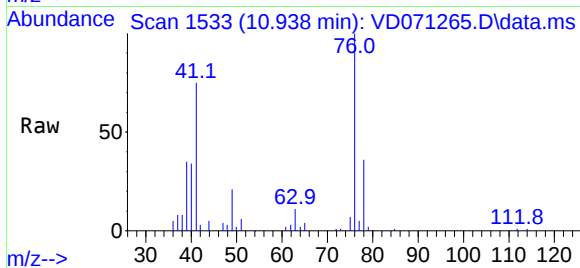
ClientSampleId :

Tgt Ion: 76 Resp: 57551

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 125.365 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071265.D

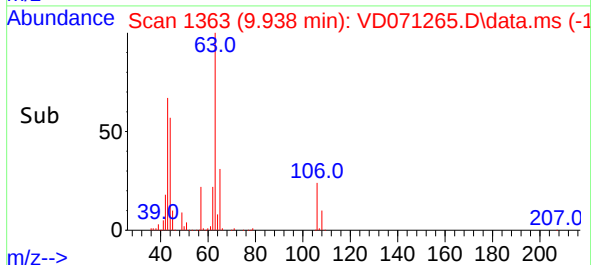
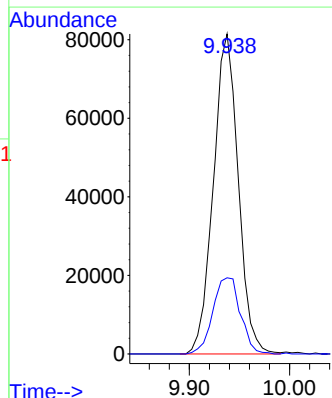
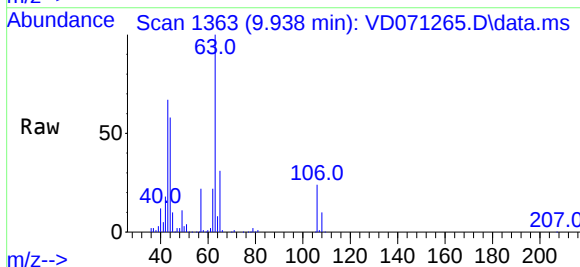
Acq: 11 Dec 2021 12:53

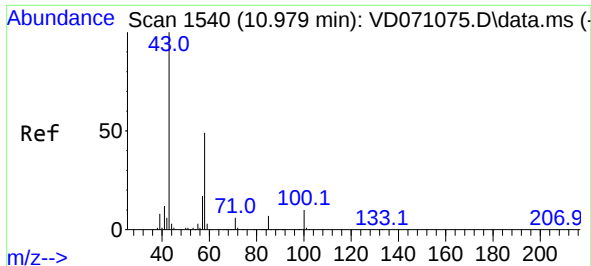
Tgt Ion: 63 Resp: 140150

Ion Ratio Lower Upper

63 100

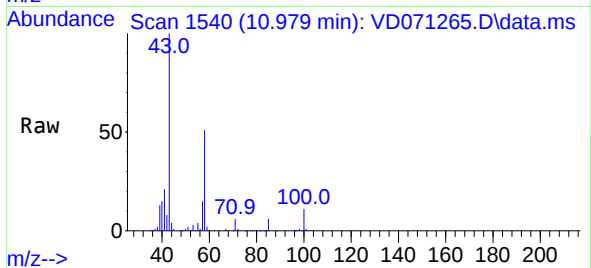
106 26.4 21.0 31.4



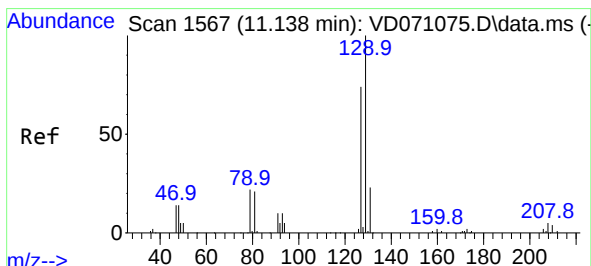
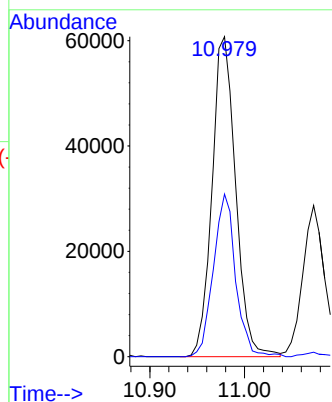
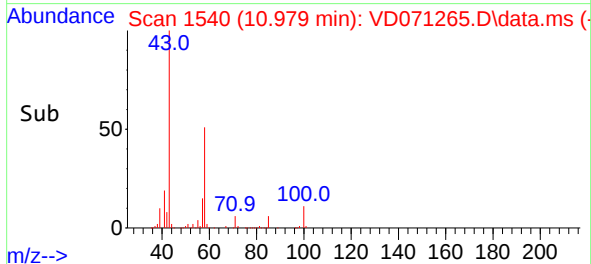


#59
2-Hexanone
Concen: 107.919 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

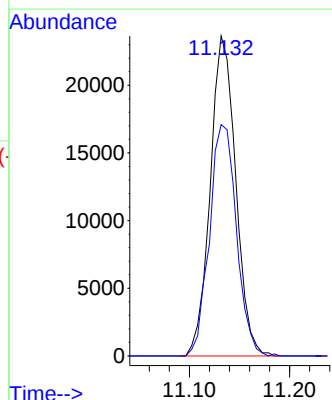
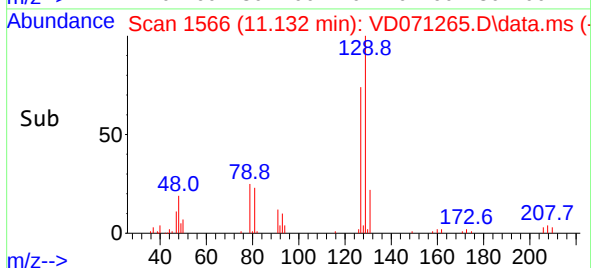
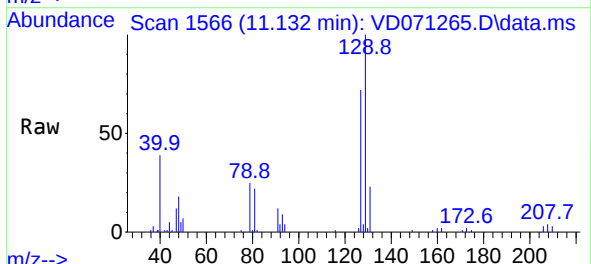


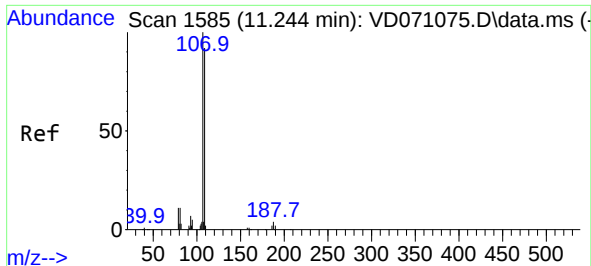
Tgt Ion: 43 Resp: 105562
Ion Ratio Lower Upper
43 100
58 48.0 28.7 86.1



#60
Dibromochloromethane
Concen: 20.429 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 129 Resp: 41713
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6

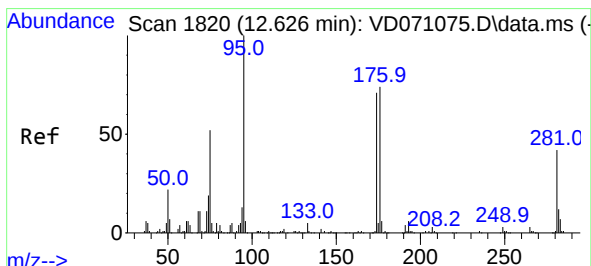
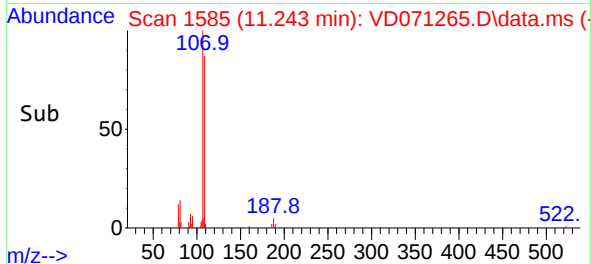
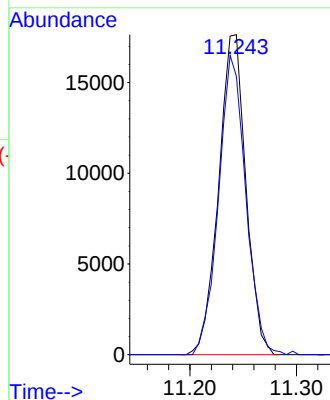
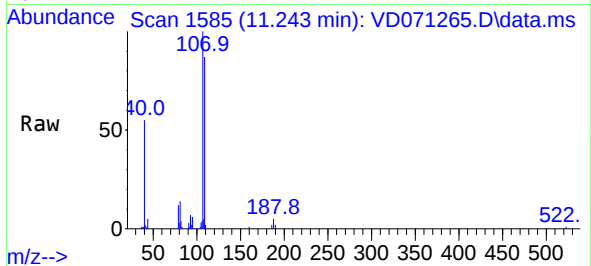




#61
1,2-Dibromoethane
Concen: 19.894 ug/l
RT: 11.243 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

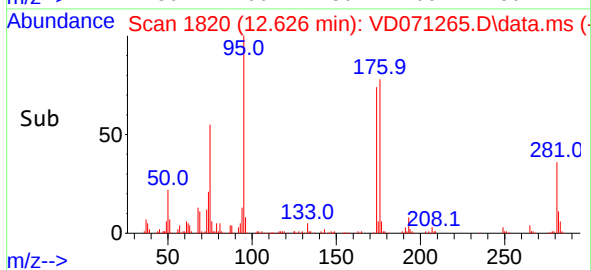
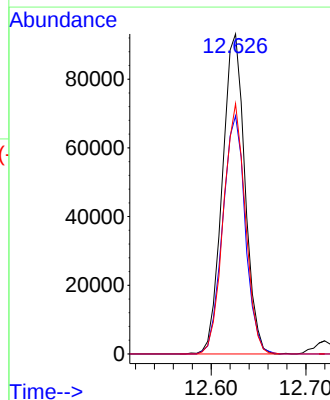
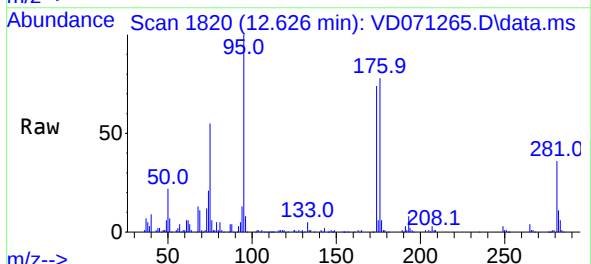
Instrument :
MSVOA_D
ClientSampleId :

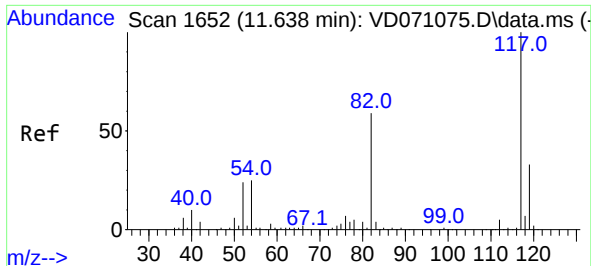
Tgt Ion:107 Resp: 31389
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 50.818 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 95 Resp: 154335
Ion Ratio Lower Upper
95 100
174 74.4 0.0 159.4
176 75.8 0.0 154.0

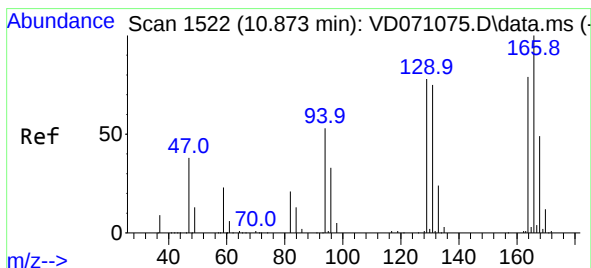
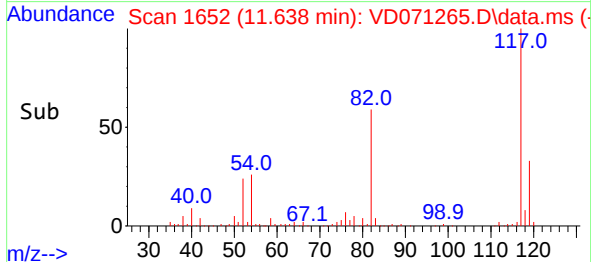
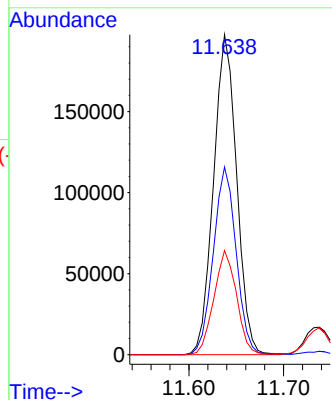
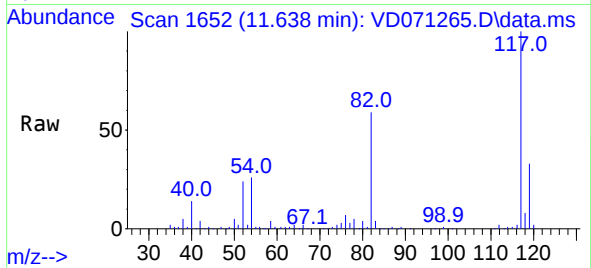




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

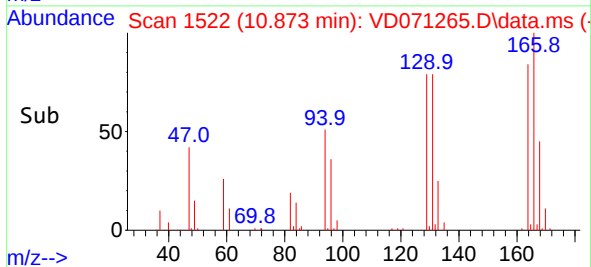
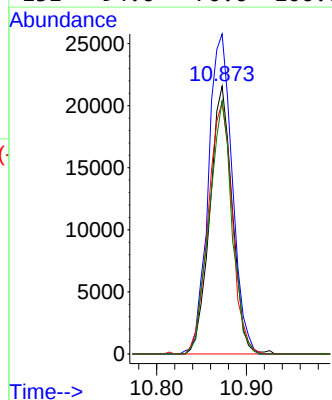
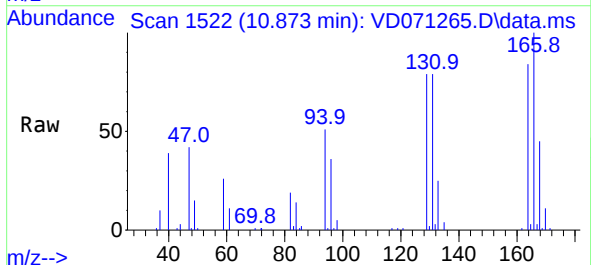
Instrument :
MSVOA_D
ClientSampleId :

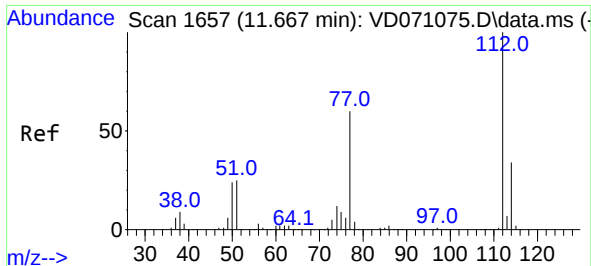
Tgt Ion:117 Resp: 335243
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 32.5 26.2 39.4



#64
Tetrachloroethene
Concen: 17.599 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:164 Resp: 37456
Ion Ratio Lower Upper
164 100
166 119.6 102.6 153.8
129 94.2 75.4 113.0
131 94.6 70.6 106.0

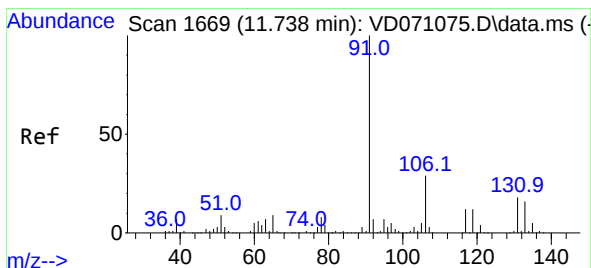
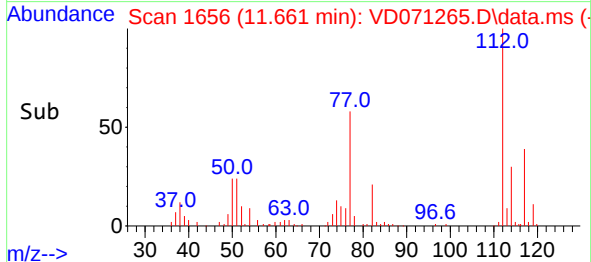
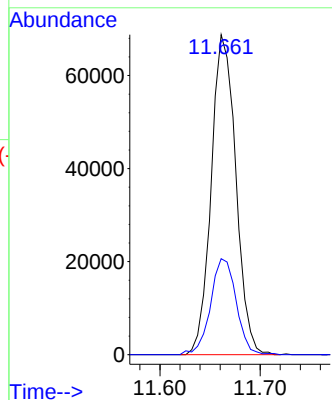
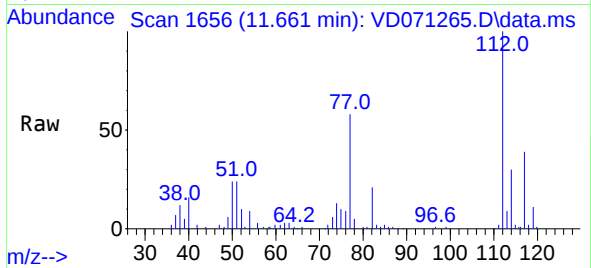




#65
Chlorobenzene
Concen: 18.861 ug/l
RT: 11.661 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

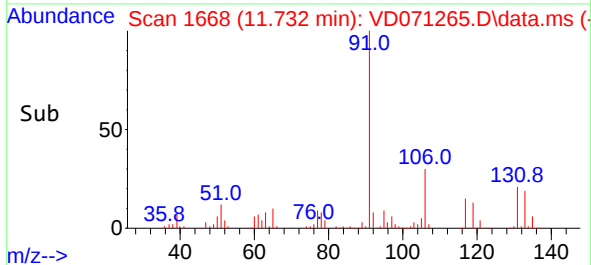
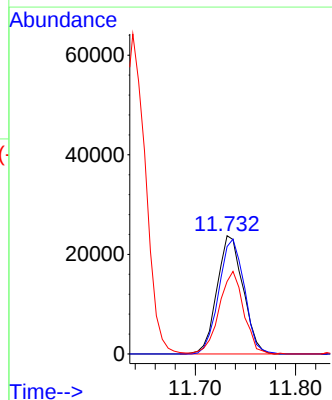
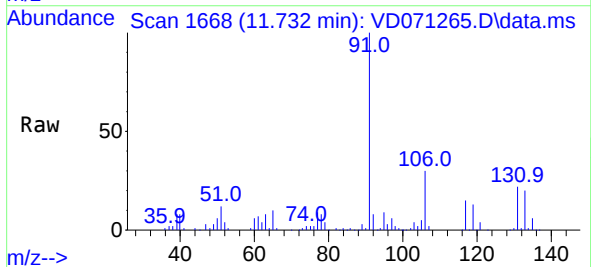
Instrument :
MSVOA_D
ClientSampleId :

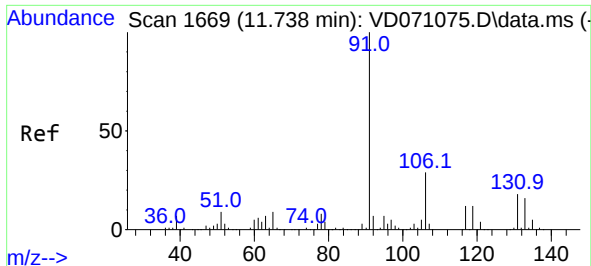
Tgt Ion:112 Resp: 117319
Ion Ratio Lower Upper
112 100
114 30.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.868 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:131 Resp: 42852
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 65.9 33.5 100.4

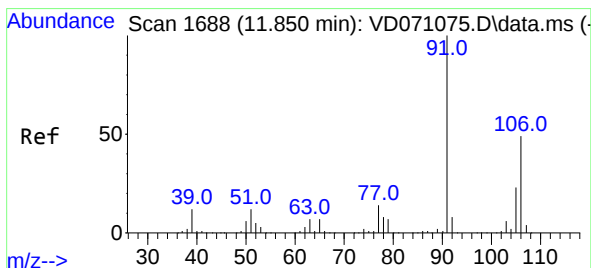
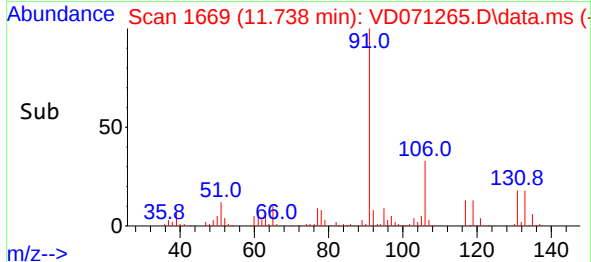
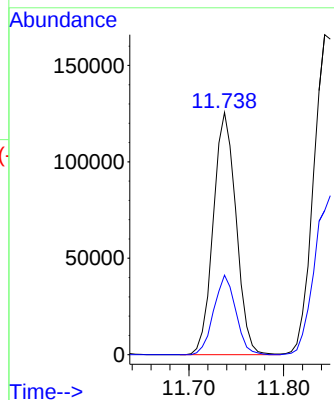
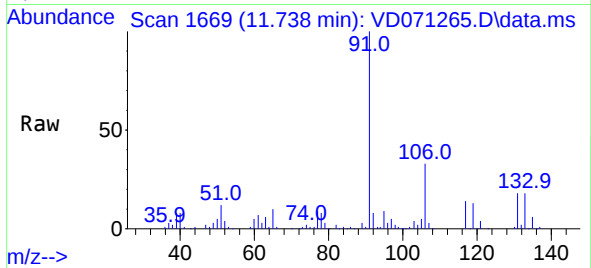




#67
Ethyl Benzene
Concen: 17.959 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

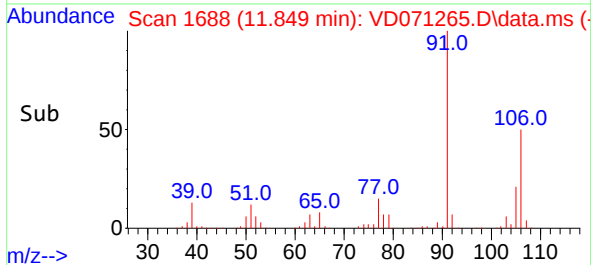
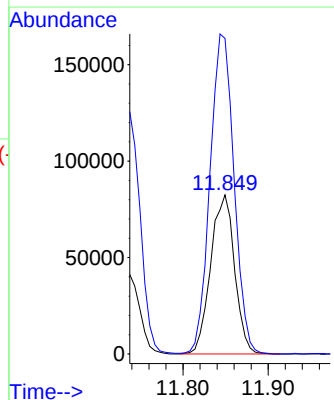
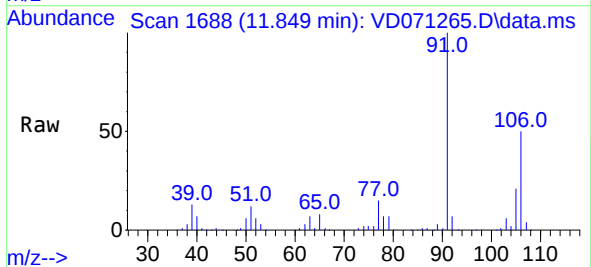
Instrument :
MSVOA_D
ClientSampleId :

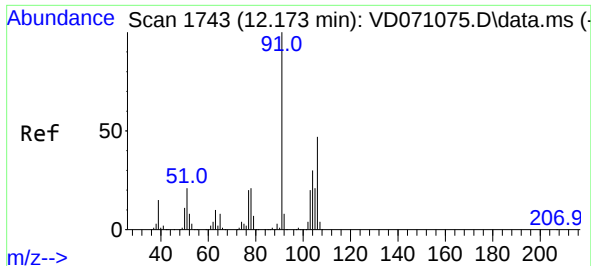
Tgt Ion: 91 Resp: 210295
Ion Ratio Lower Upper
91 100
106 32.8 24.6 36.8



#68
m/p-Xylenes
Concen: 36.302 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 106 Resp: 160483
Ion Ratio Lower Upper
106 100
91 202.3 160.1 240.1

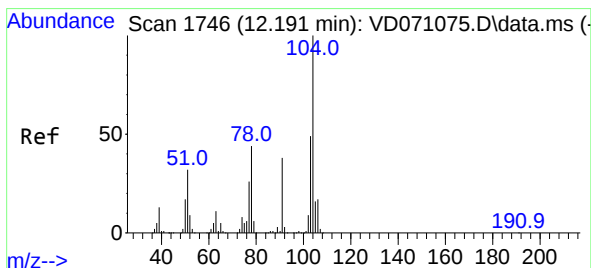
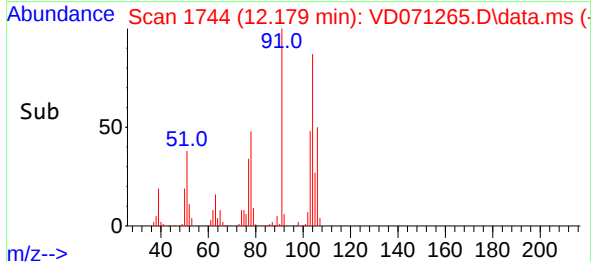
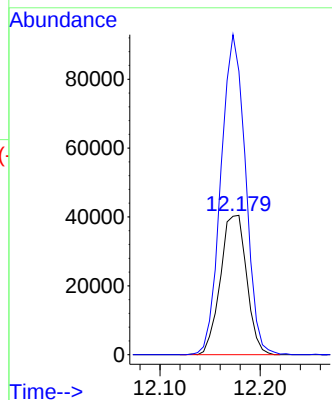
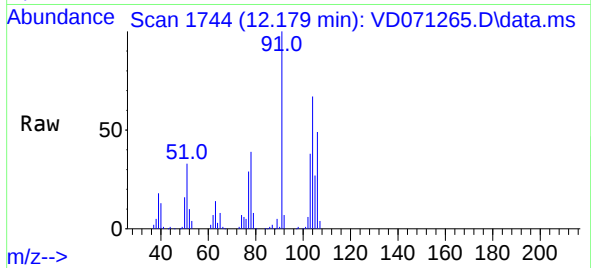




#69
o-Xylene
Concen: 17.695 ug/l
RT: 12.179 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

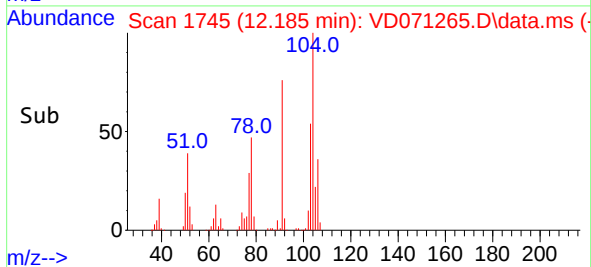
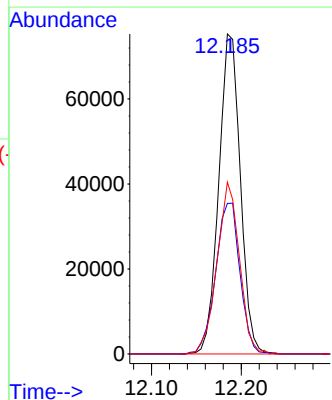
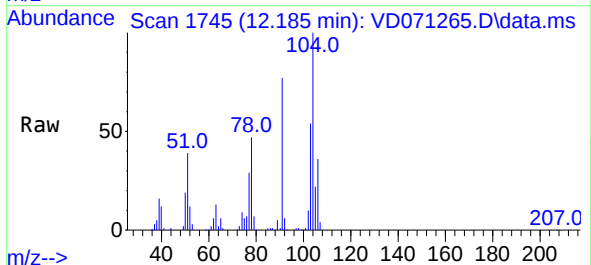
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:106 Resp: 73524
Ion Ratio Lower Upper
106 100
91 215.0 106.3 319.0



#70
Styrene
Concen: 17.942 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:104 Resp: 125643
Ion Ratio Lower Upper
104 100
78 53.3 39.4 59.0
103 55.9 43.4 65.0

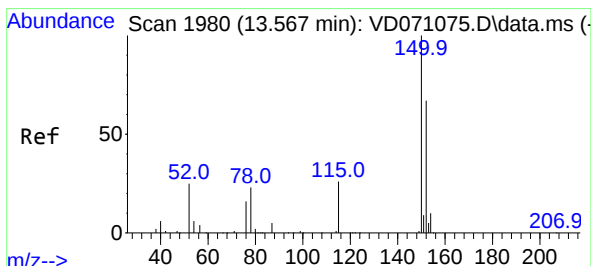
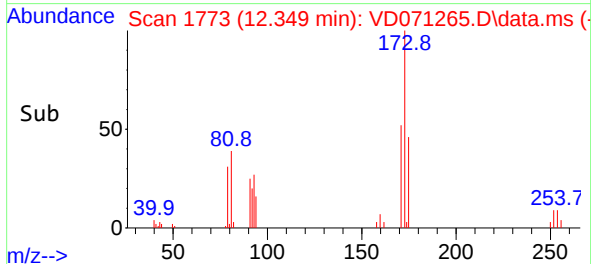
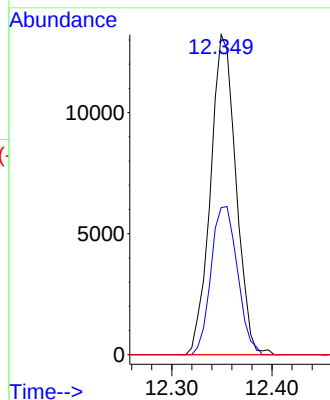
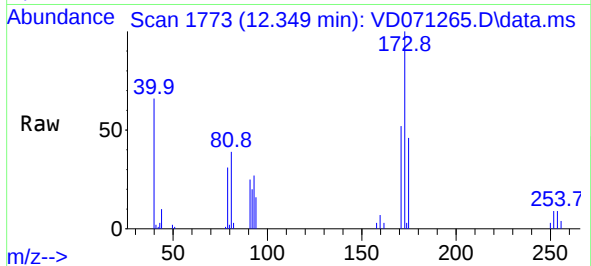




#71
Bromoform
Concen: 19.863 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

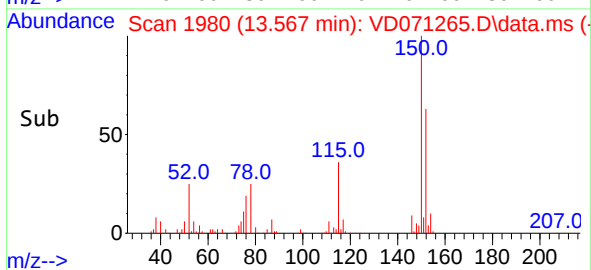
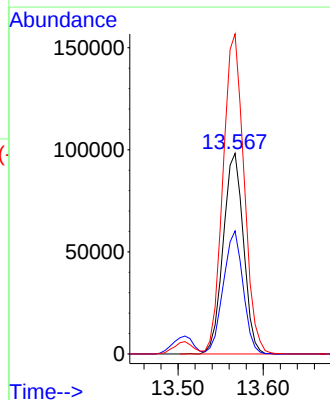
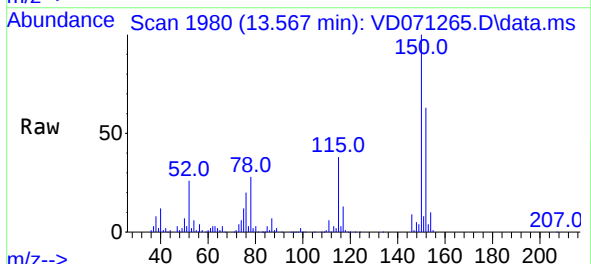
Instrument :
MSVOA_D
ClientSampleId :

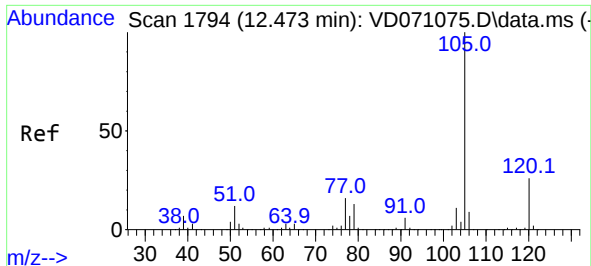
Tgt Ion:173 Resp: 23371
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:152 Resp: 162634
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 165.9 0.0 349.2

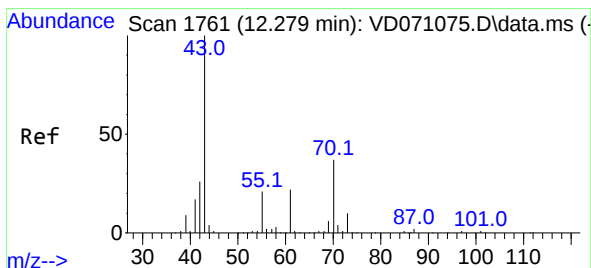
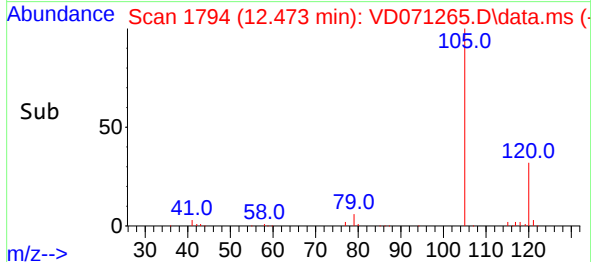
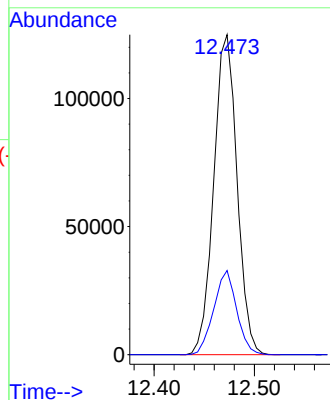
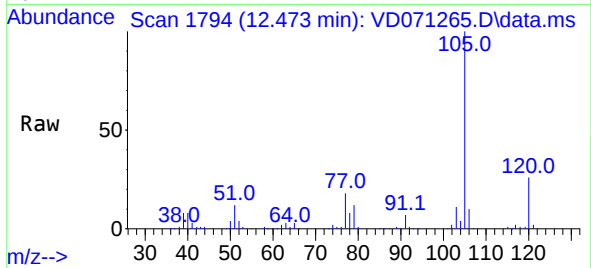




#73
Isopropylbenzene
Concen: 17.100 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

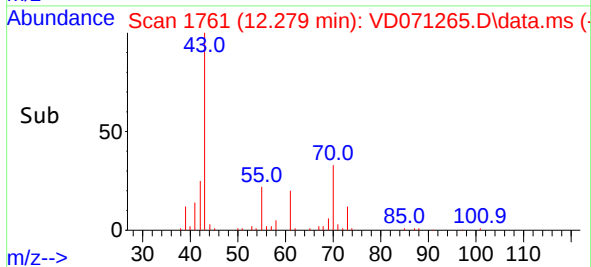
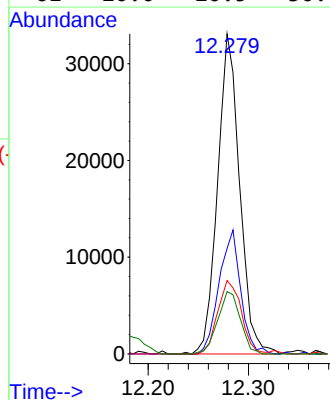
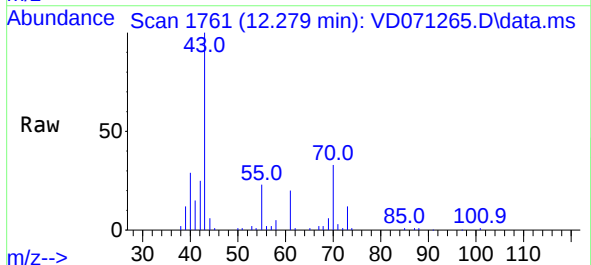
Instrument :
MSVOA_D
ClientSampleId :

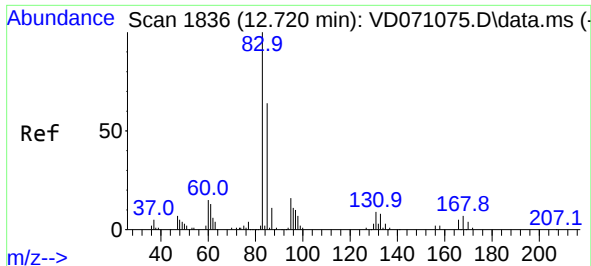
Tgt Ion:105 Resp: 201376
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5



#74
N-ethyl acetate
Concen: 19.578 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 43 Resp: 50500
Ion Ratio Lower Upper
43 100
70 38.0 36.6 55.0
55 24.5 22.5 33.7
61 20.0 20.5 30.7#

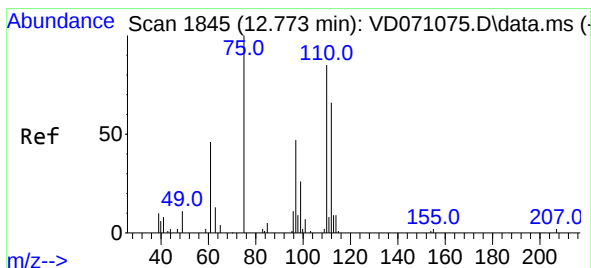
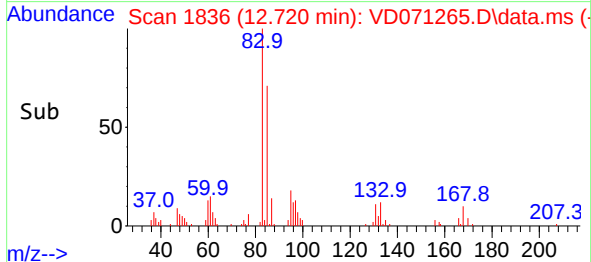
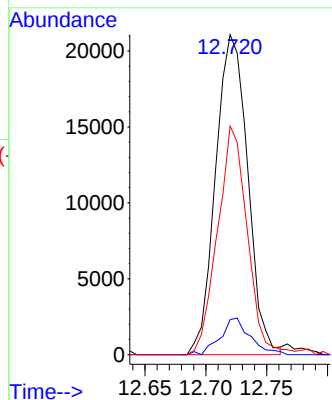
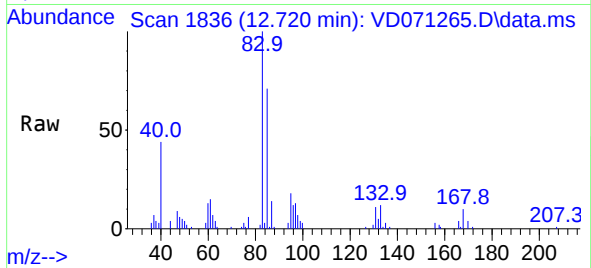




#75
1,1,2-Tetrachloroethane
Concen: 19.949 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

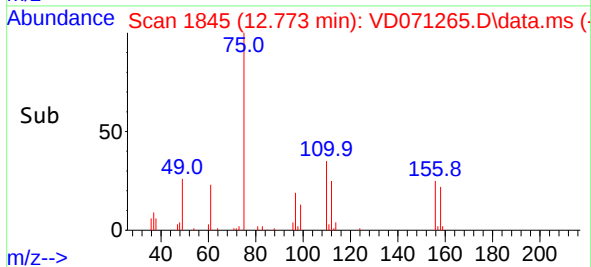
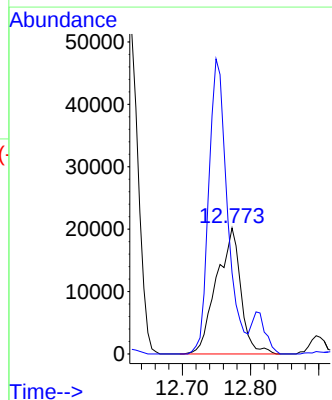
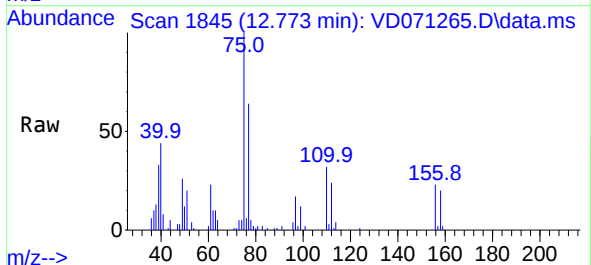
Instrument :
MSVOA_D
ClientSampleId :

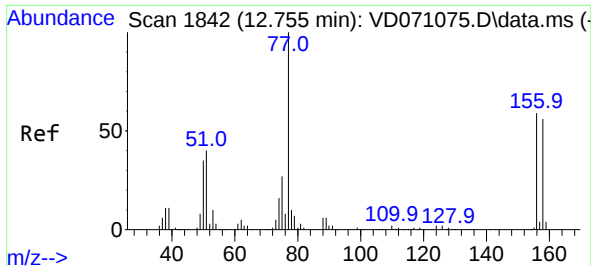
Tgt Ion: 83 Resp: 38686
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.7
85 67.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 32.246 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 75 Resp: 49965
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

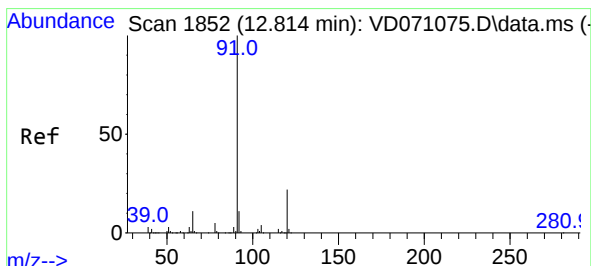
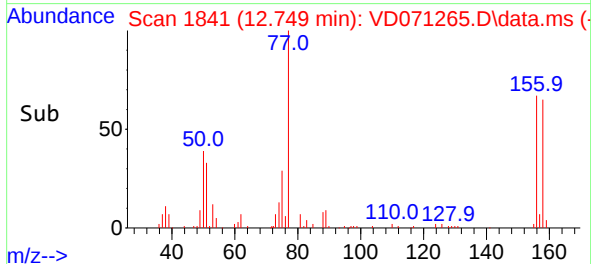
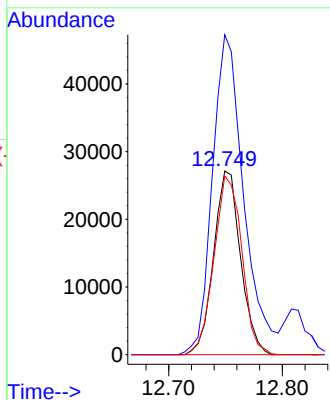
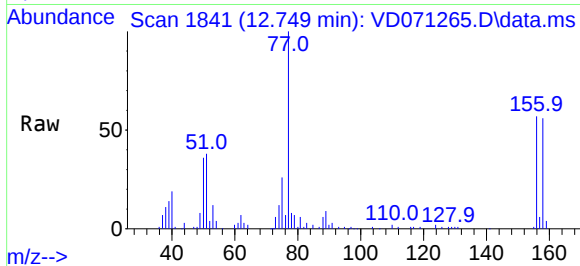




#77
Bromobenzene
Concen: 17.582 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

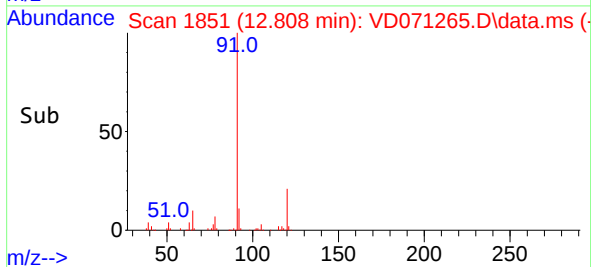
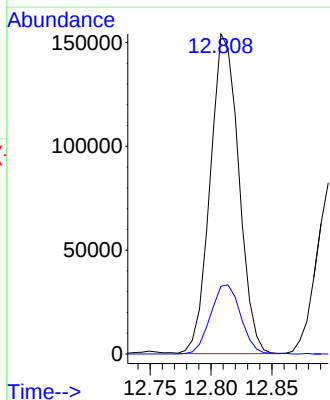
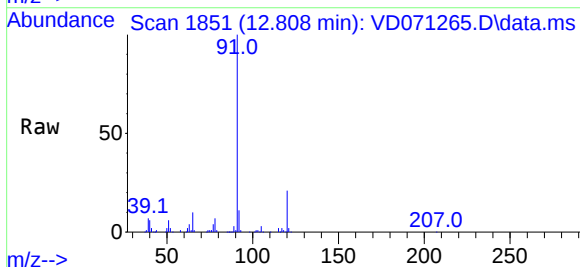
Instrument :
MSVOA_D
ClientSampleId :

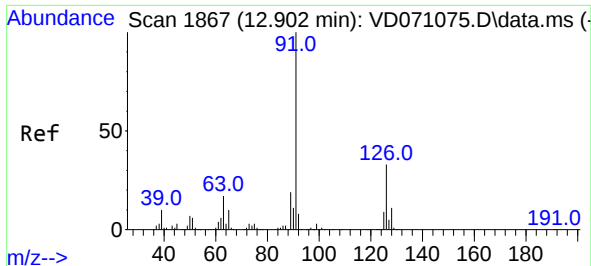
Tgt Ion:156 Resp: 44846
Ion Ratio Lower Upper
156 100
77 201.5 96.6 289.8
158 100.5 49.1 147.4



#78
n-propylbenzene
Concen: 17.125 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 91 Resp: 251145
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 17.301 ug/l

RT: 12.902 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

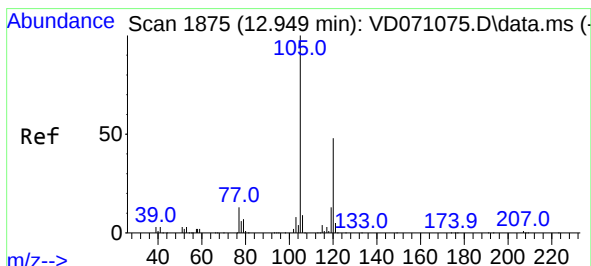
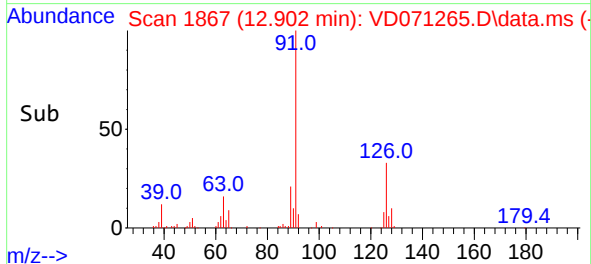
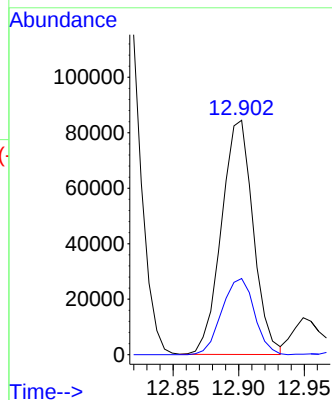
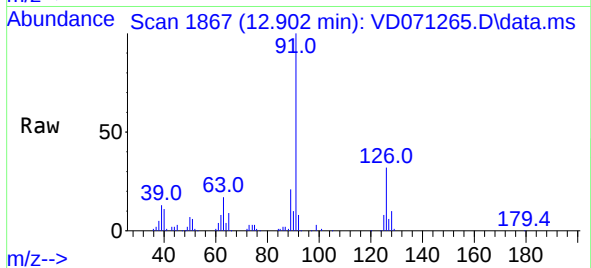
ClientSampleId :

Tgt Ion: 91 Resp: 142402

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 16.791 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071265.D

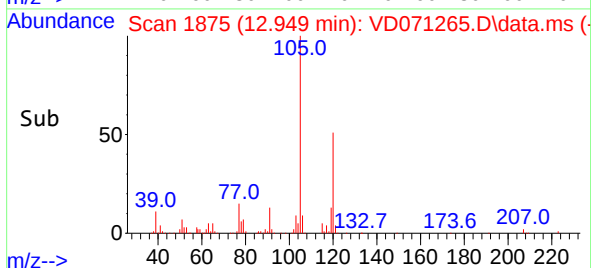
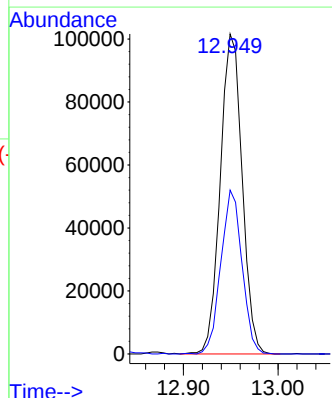
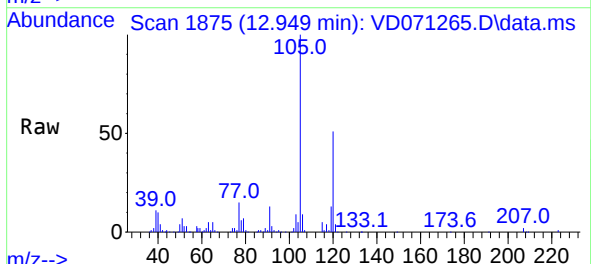
Acq: 11 Dec 2021 12:53

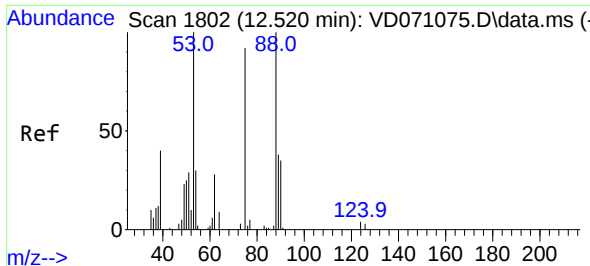
Tgt Ion:105 Resp: 163050

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8

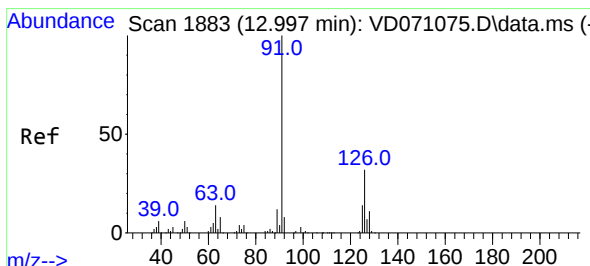
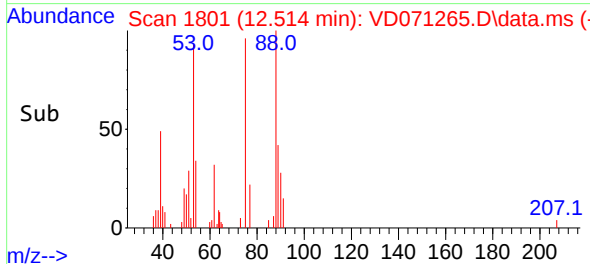
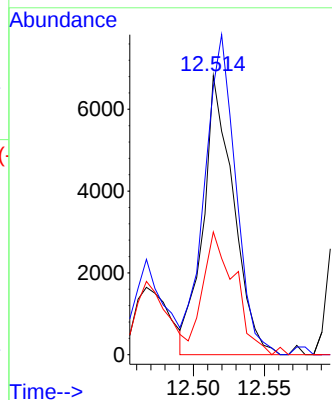
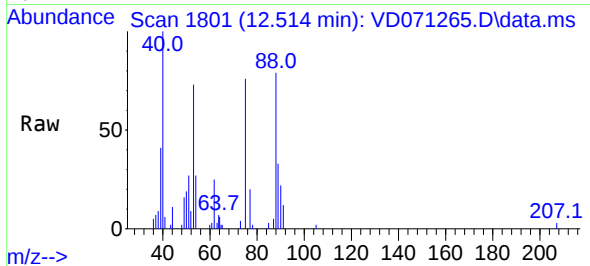




#81
trans-1,4-Dichloro-2-butene
Concen: 19.278 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

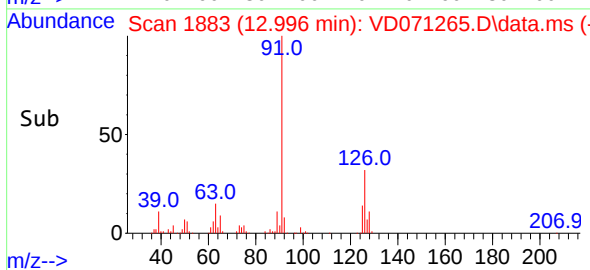
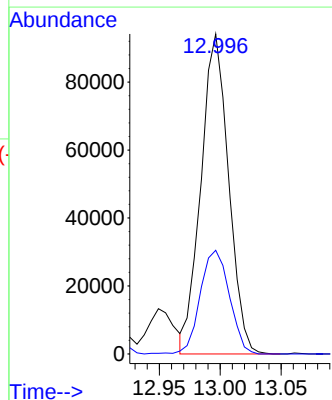
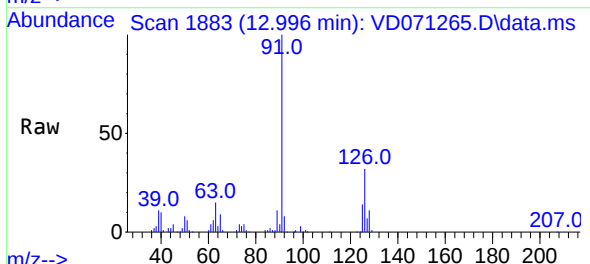
Instrument :
MSVOA_D
ClientSampleId :

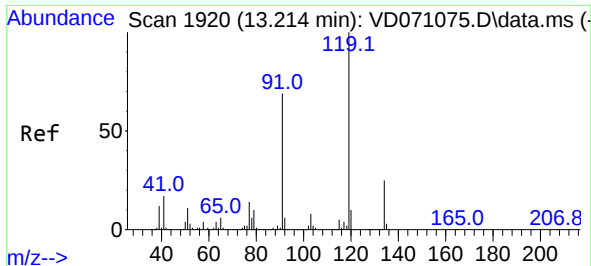
Tgt Ion: 75 Resp: 10115
Ion Ratio Lower Upper
75 100
53 117.8 62.6 94.0#
89 46.6 34.5 51.7



#82
4-Chlorotoluene
Concen: 17.410 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

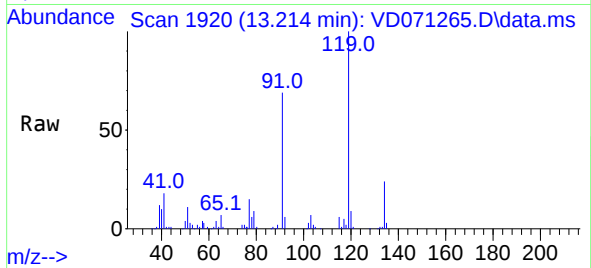
Tgt Ion: 91 Resp: 148770
Ion Ratio Lower Upper
91 100
126 34.2 16.4 49.1



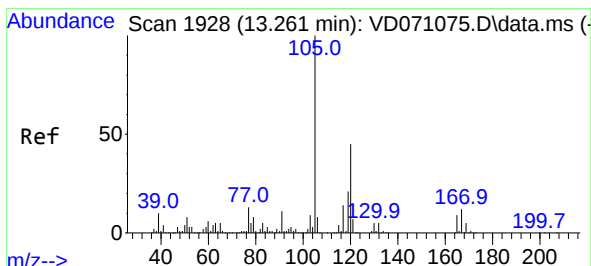
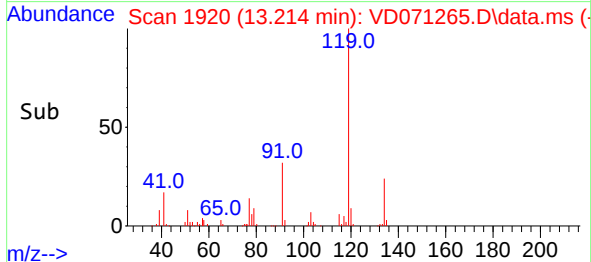
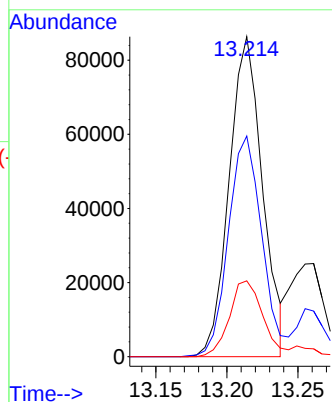


#83
tert-Butylbenzene
Concen: 16.864 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

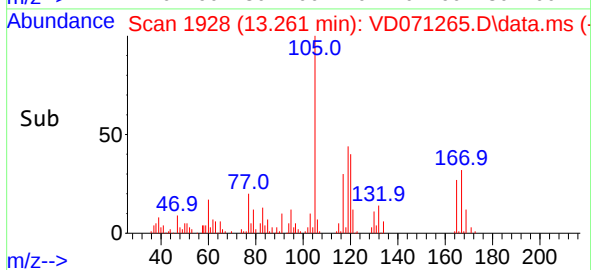
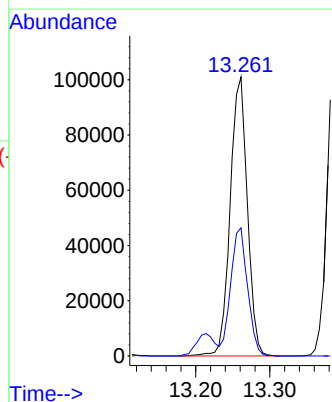
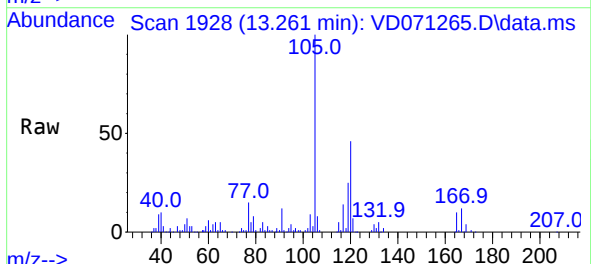


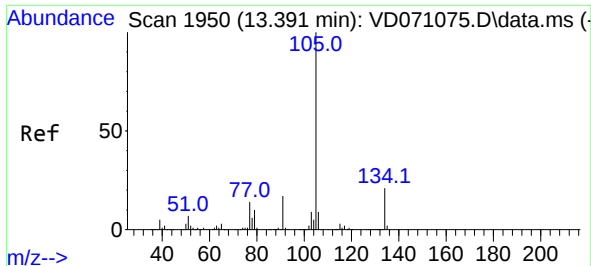
Tgt Ion:119 Resp: 140636
Ion Ratio Lower Upper
119 100
91 69.9 32.5 97.5
134 23.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 17.104 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:105 Resp: 162153
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.7

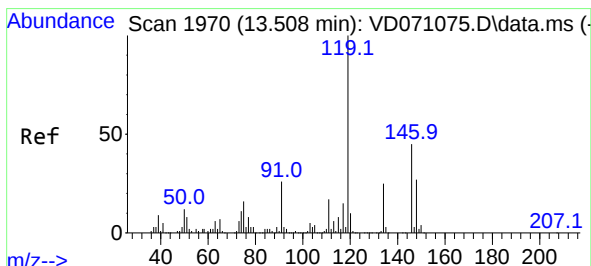
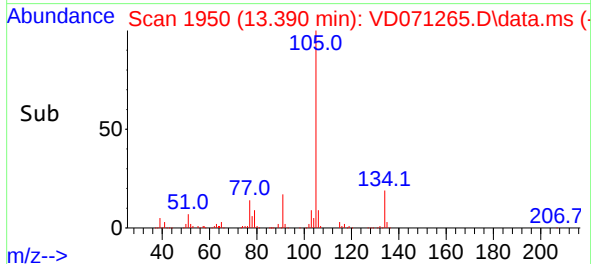
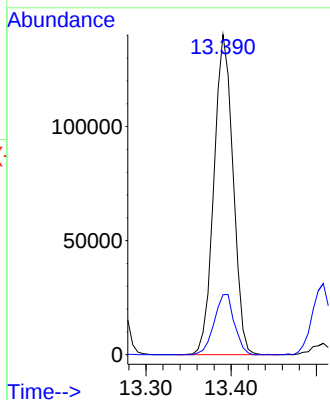
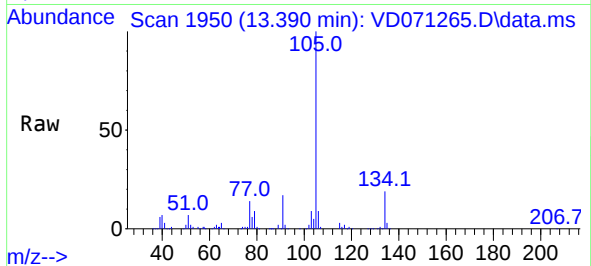




#85
 sec-Butylbenzene
 Concen: 17.181 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

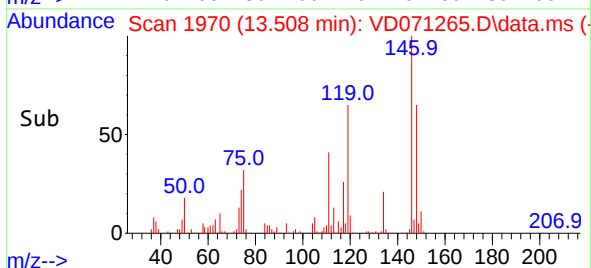
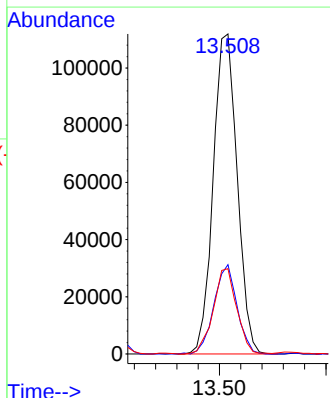
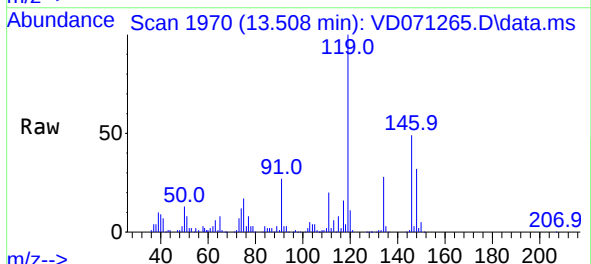
Instrument :
 MSVOA_D
 ClientSampleId :

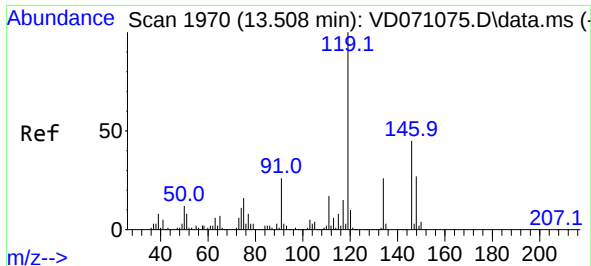
Tgt Ion:105 Resp: 218848
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 16.766 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071265.D
 Acq: 11 Dec 2021 12:53

Tgt Ion:119 Resp: 174669
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 38.9
 91 26.2 11.4 34.2

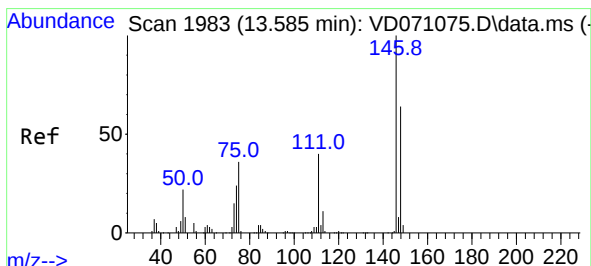
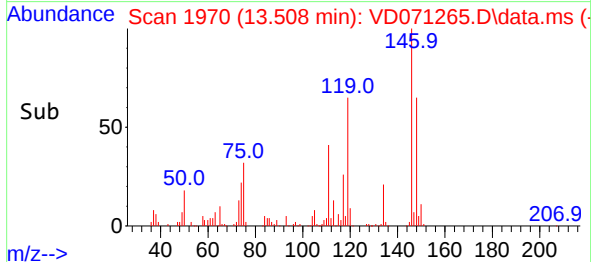
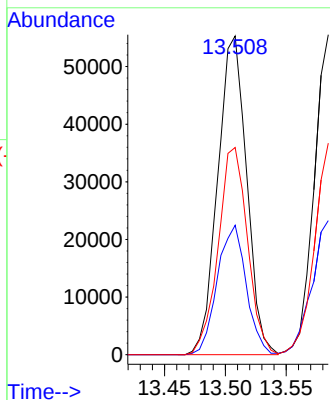
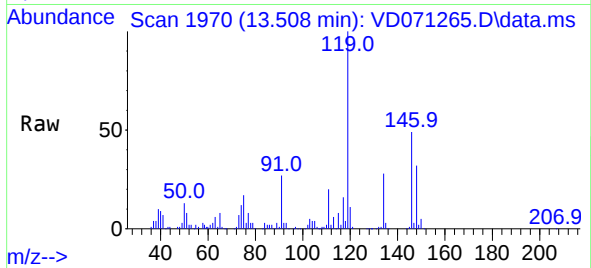




#87
1,3-Dichlorobenzene
Concen: 18.018 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

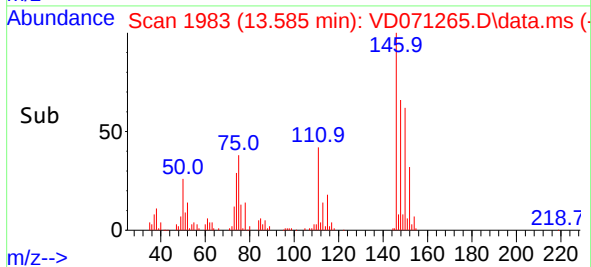
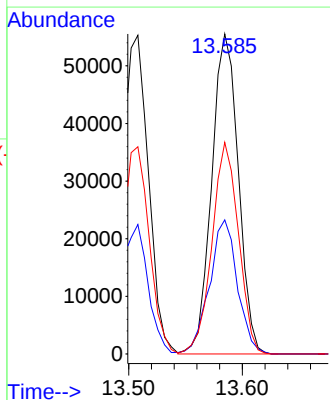
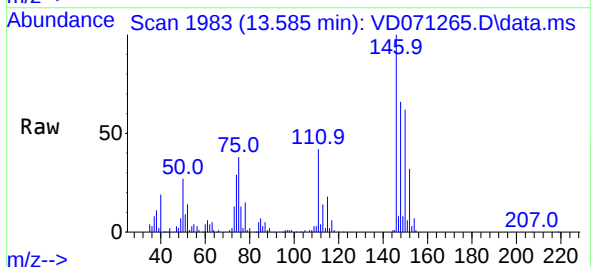
Instrument :
MSVOA_D
ClientSampleId :

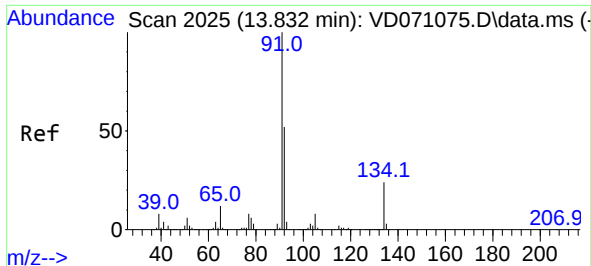
Tgt Ion:146 Resp: 91486
Ion Ratio Lower Upper
146 100
111 40.7 19.8 59.4
148 65.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 17.990 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

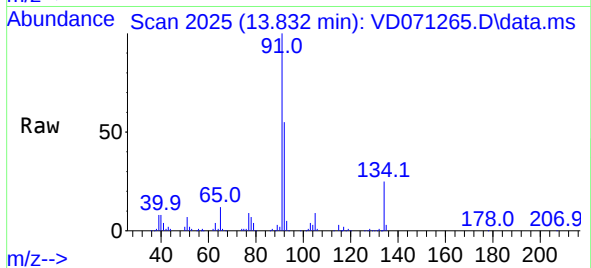
Tgt Ion:146 Resp: 90497
Ion Ratio Lower Upper
146 100
111 44.0 19.6 58.8
148 65.7 31.5 94.5



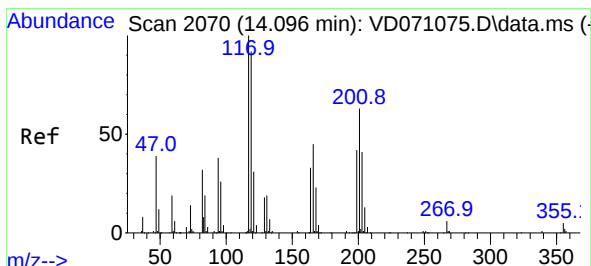
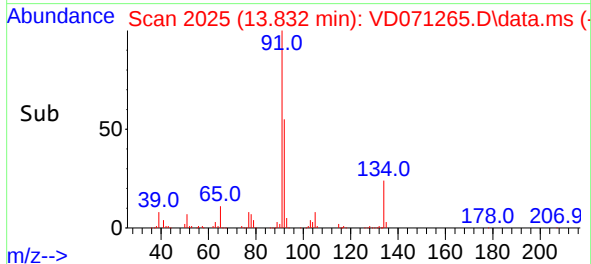
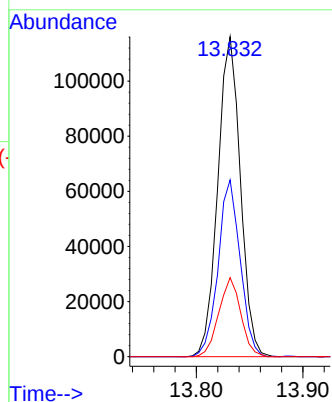


#89
n-Butylbenzene
Concen: 16.810 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

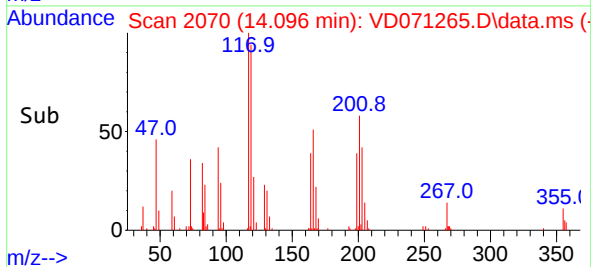
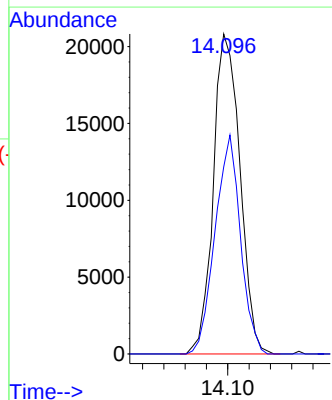
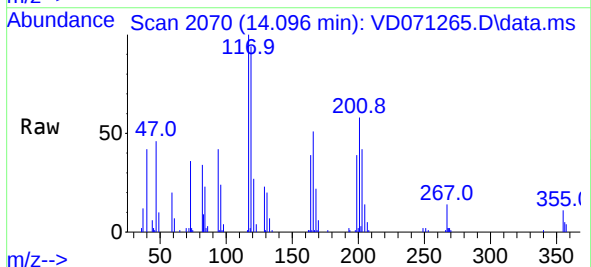


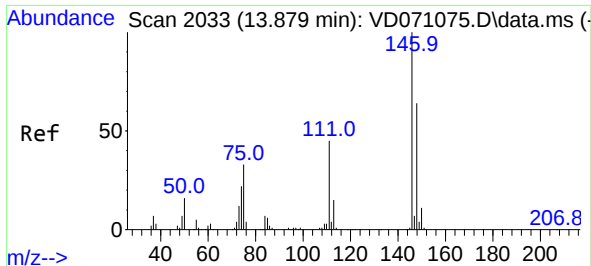
Tgt Ion: 91 Resp: 170959
Ion Ratio Lower Upper
91 100
92 53.9 27.3 81.9
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 18.299 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion: 117 Resp: 36139
Ion Ratio Lower Upper
117 100
201 65.2 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 18.889 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

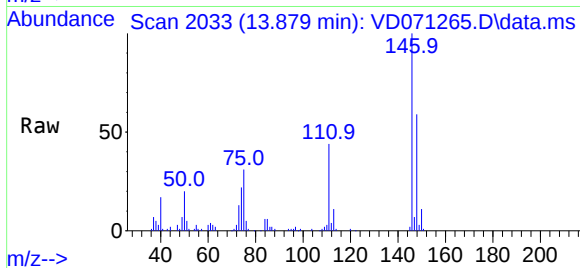
Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :



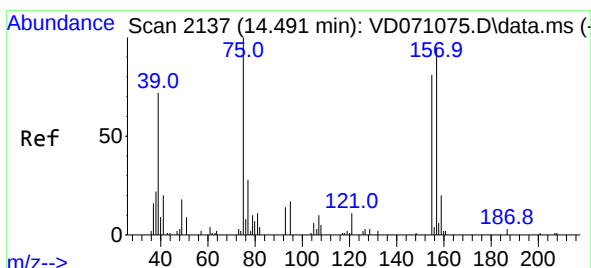
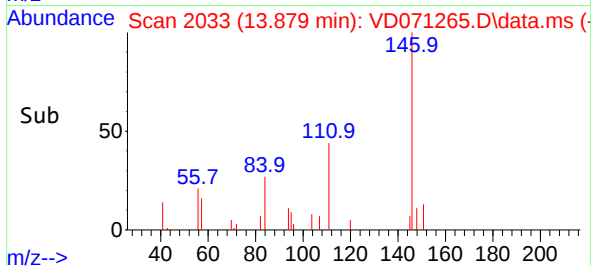
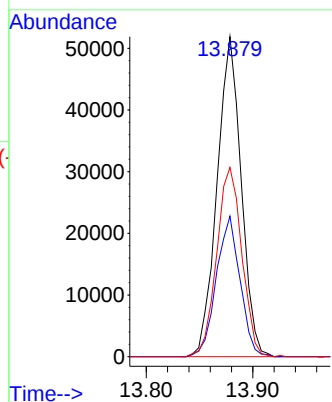
Tgt Ion:146 Resp: 81560

Ion Ratio Lower Upper

146 100

111 43.2 20.8 62.2

148 61.5 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.304 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.007 min

Lab File: VD071265.D

Acq: 11 Dec 2021 12:53

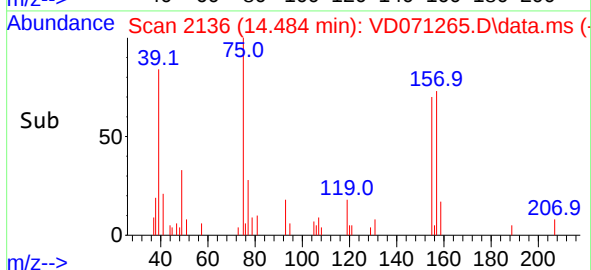
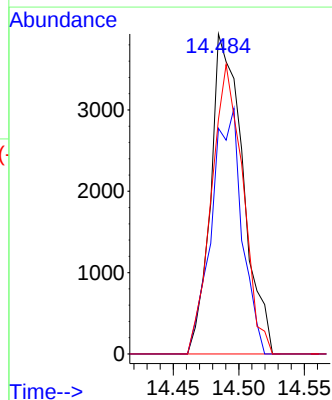
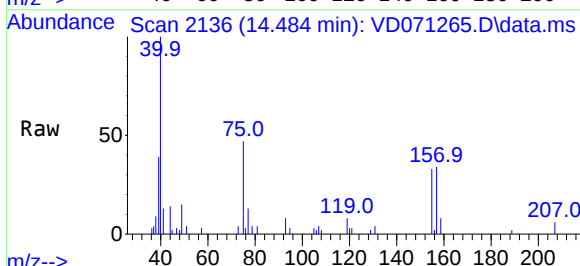
Tgt Ion: 75 Resp: 6728

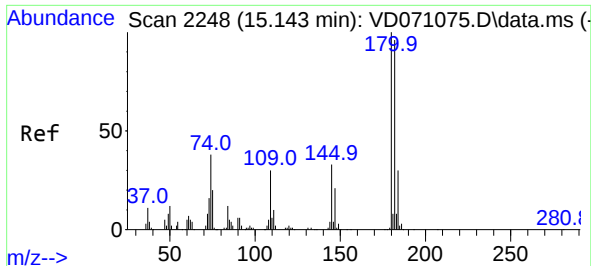
Ion Ratio Lower Upper

75 100

155 72.4 40.0 120.0

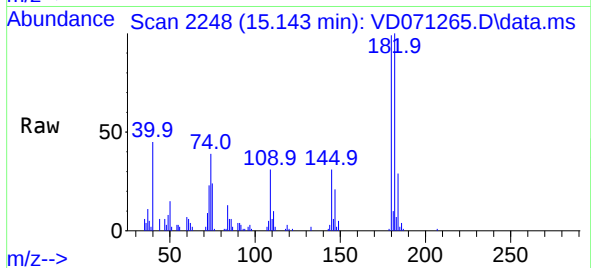
157 88.3 49.8 149.3



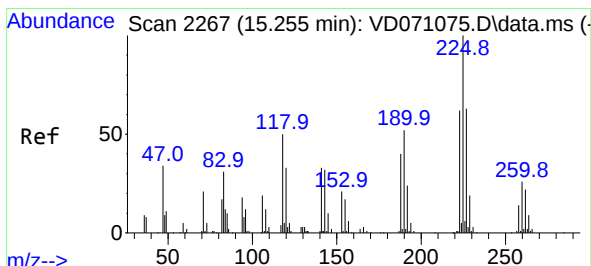
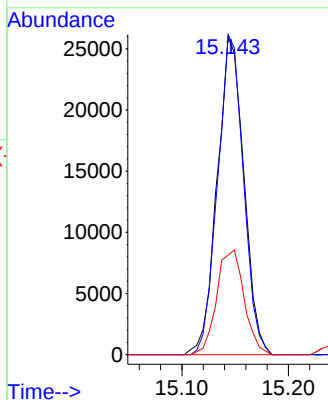
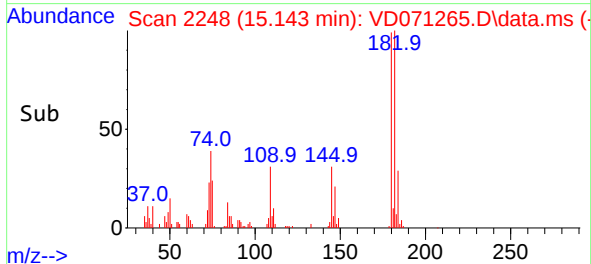


#93
1,2,4-Trichlorobenzene
Concen: 16.737 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

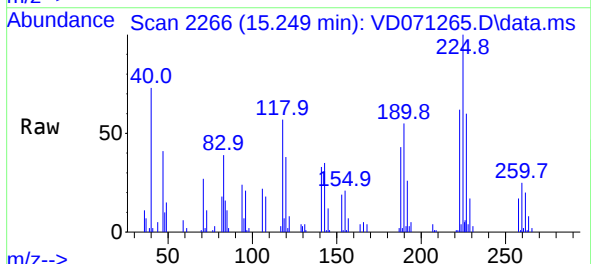
Instrument :
MSVOA_D
ClientSampleId :



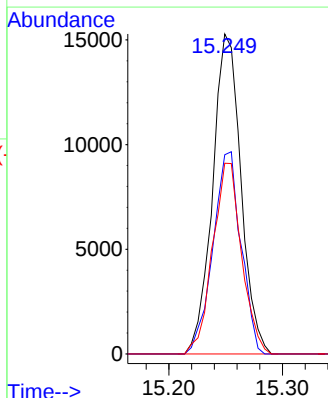
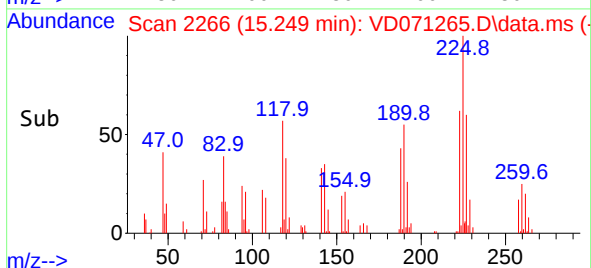
Tgt Ion:180 Resp: 45080
Ion Ratio Lower Upper
180 100
182 97.3 48.2 144.6
145 34.0 15.4 46.2

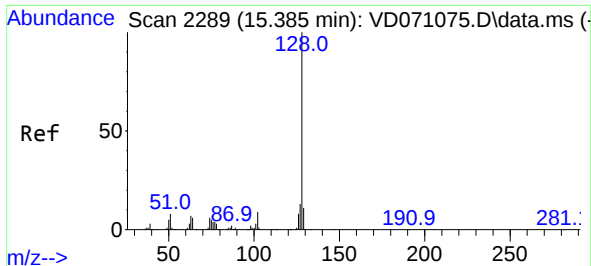


#94
Hexachlorobutadiene
Concen: 17.395 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53



Tgt Ion:225 Resp: 26509
Ion Ratio Lower Upper
225 100
223 62.5 31.8 95.3
227 60.8 31.6 94.8

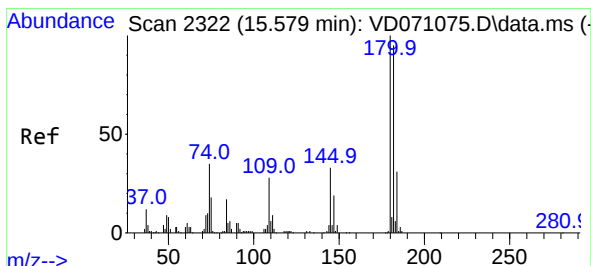
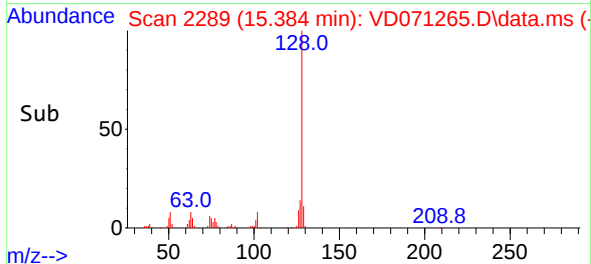
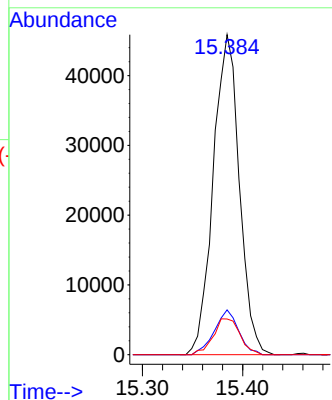
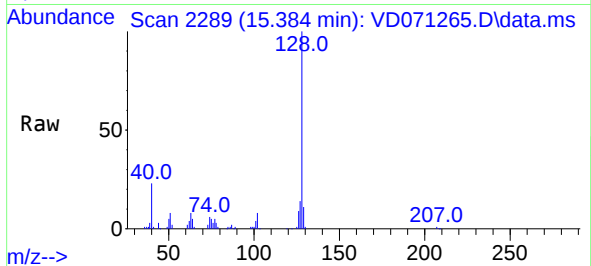




#95
Naphthalene
Concen: 17.478 ug/l
RT: 15.384 min Scan# 211
Delta R.T. -0.001 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 82985
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.340 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071265.D
Acq: 11 Dec 2021 12:53

Tgt Ion:180 Resp: 39668
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 31.8 15.9 47.6

