

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071309.D
 Acq On : 14 Dec 2021 09:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 15 08:23:51 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	217046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	363785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	345732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145333	57.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.140%
35) Dibromofluoromethane	7.909	113	132340	57.128	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.332	98	459705	52.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.620	95	169757	55.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	77270	41.747	ug/l	99
3) Chloromethane	2.209	50	128945	52.659	ug/l	99
4) Vinyl Chloride	2.350	62	141879	51.934	ug/l	99
5) Bromomethane	2.768	94	100294	50.927	ug/l	99
6) Chloroethane	2.926	64	111341	59.257	ug/l	89
7) Trichlorofluoromethane	3.279	101	181600	49.070	ug/l	97
8) Diethyl Ether	3.715	74	51584	51.415	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	110189	50.467	ug/l	94
10) Methyl Iodide	4.303	142	90189	36.852	ug/l	93
11) Tert butyl alcohol	5.209	59	46561	293.201	ug/l	95
12) 1,1-Dichloroethene	4.068	96	93672	46.489	ug/l #	79
13) Acrolein	3.921	56	32538	186.958	ug/l	94
14) Allyl chloride	4.715	41	193541	50.570	ug/l #	80
15) Acrylonitrile	5.415	53	145958	299.139	ug/l	98
16) Acetone	4.156	43	191495	279.080	ug/l #	88
17) Carbon Disulfide	4.415	76	256893	43.546	ug/l	100
18) Methyl Acetate	4.715	43	109094	58.058	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	270456	54.770	ug/l	95
20) Methylene Chloride	4.962	84	133803	52.252	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	113226	49.920	ug/l	91
22) Diisopropyl ether	6.362	45	424796	55.399	ug/l	92
23) Vinyl Acetate	6.303	43	1043394	251.448	ug/l	96
24) 1,1-Dichloroethane	6.267	63	238615	54.103	ug/l	99
25) 2-Butanone	7.209	43	215834	273.347	ug/l #	85
26) 2,2-Dichloropropane	7.209	77	197834	49.329	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	138932	54.143	ug/l	94
28) Bromochloromethane	7.544	49	113545	59.273	ug/l	89
29) Tetrahydrofuran	7.556	42	119268	294.923	ug/l	94
30) Chloroform	7.709	83	249144	56.287	ug/l	95
31) Cyclohexane	7.985	56	194577	44.916	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	216387	54.451	ug/l	95
36) 1,1-Dichloropropene	8.114	75	176769	51.990	ug/l	96
37) Ethyl Acetate	7.291	43	83771	57.038	ug/l #	93
38) Carbon Tetrachloride	8.097	117	179043	53.420	ug/l	94
39) Methylcyclohexane	9.350	83	188946	46.203	ug/l	99
40) Benzene	8.350	78	491426	53.211	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	56549	71.697	ug/l #	72
42) 1,2-Dichloroethane	8.420	62	162138	57.514	ug/l	94
43) Isopropyl Acetate	8.450	43	169549	52.207	ug/l #	89
44) Trichloroethene	9.108	130	125868	51.116	ug/l	94
45) 1,2-Dichloropropane	9.385	63	139739	57.535	ug/l	99
46) Dibromomethane	9.467	93	71194	56.499	ug/l	96
47) Bromodichloromethane	9.656	83	193904	58.187	ug/l	99
48) Methyl methacrylate	9.450	41	75018	52.182	ug/l #	81
49) 1,4-Dioxane	9.461	88	15513	1275.351	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	445496	266.666	ug/l	90
52) Toluene	10.397	92	316211	53.963	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	172831	56.409	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	200561	55.108	ug/l #	81
55) 1,1,2-Trichloroethane	10.797	97	95962	58.052	ug/l	95
56) Ethyl methacrylate	10.655	69	118428	49.793	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	172220	59.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	324894	288.829	ug/l	98
59) 2-Hexanone	10.979	43	332851	264.414	ug/l	88
60) Dibromochloromethane	11.132	129	120971	58.881	ug/l	99
61) 1,2-Dibromoethane	11.238	107	90917	57.267	ug/l	98
64) Tetrachloroethene	10.867	164	102325	46.620	ug/l	97
65) Chlorobenzene	11.661	112	333084	51.924	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	127872	54.595	ug/l	97
67) Ethyl Benzene	11.738	91	621845	51.494	ug/l	100
68) m/p-Xylenes	11.844	106	468152	102.685	ug/l	95
69) o-Xylene	12.173	106	218616	51.019	ug/l	96
70) Styrene	12.185	104	385472	53.376	ug/l	98
71) Bromoform	12.355	173	68575	56.514	ug/l #	99
73) Isopropylbenzene	12.473	105	595665	47.233	ug/l	100
74) N-amyl acetate	12.279	43	157100	46.013	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	111018	53.456	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	145101	87.441	ug/l #	1
77) Bromobenzene	12.749	156	132373	48.460	ug/l	97
78) n-propylbenzene	12.808	91	747020	47.565	ug/l	100
79) 2-Chlorotoluene	12.897	91	421996	47.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	502741	48.343	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	32542	46.345	ug/l #	80
82) 4-Chlorotoluene	12.997	91	435744	47.617	ug/l	100
83) tert-Butylbenzene	13.214	119	422248	47.278	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	509131	50.145	ug/l	97
85) sec-Butylbenzene	13.391	105	657141	48.174	ug/l	100
86) p-Isopropyltoluene	13.502	119	543558	48.720	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	274231	50.432	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	272884	50.653	ug/l	99
89) n-Butylbenzene	13.832	91	522807	48.003	ug/l	99
90) Hexachloroethane	14.096	117	106473	50.343	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	236569	51.159	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18447	54.543	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	141824	49.169	ug/l	97
94) Hexachlorobutadiene	15.255	225	75091	46.011	ug/l	98
95) Naphthalene	15.385	128	265893	52.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	122436	49.976	ug/l	97

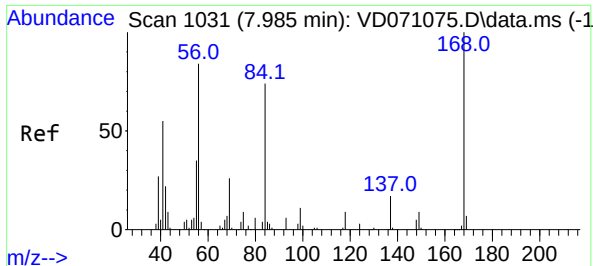
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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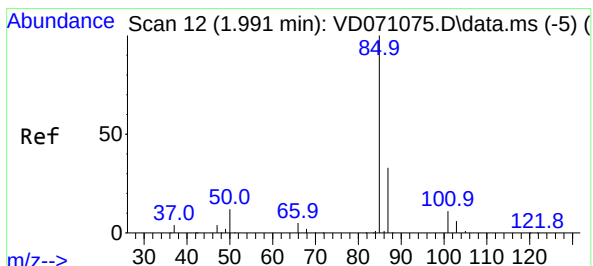
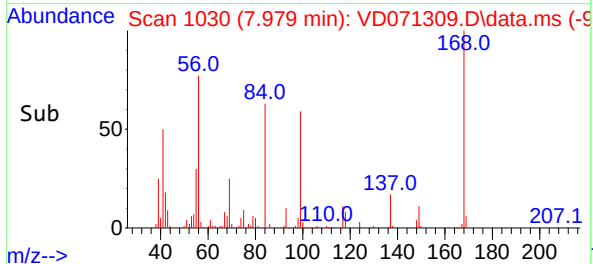
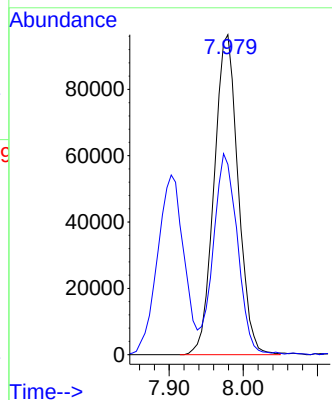
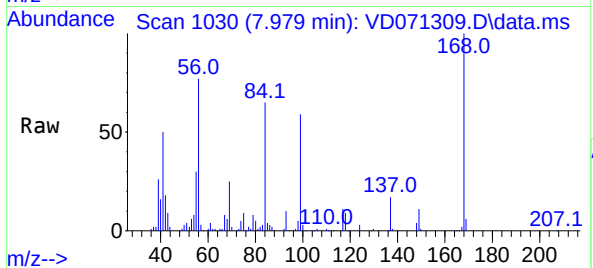
(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

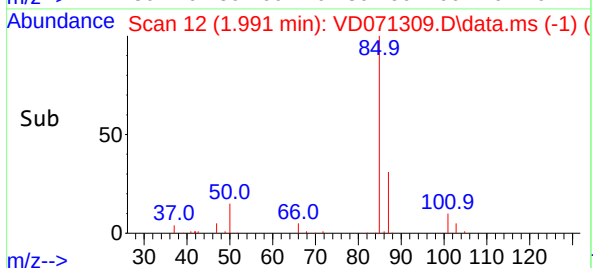
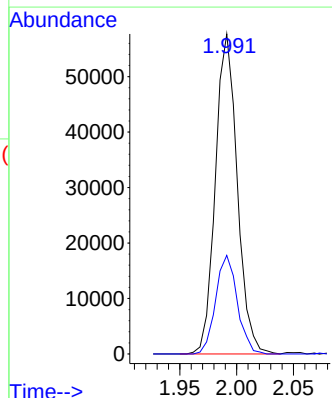
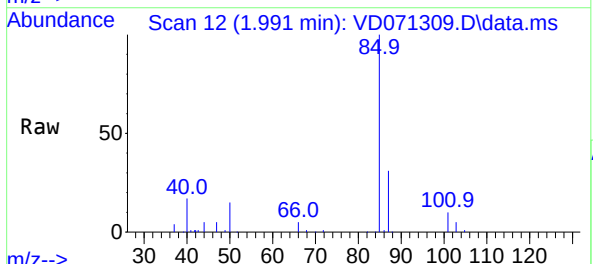
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 217046
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8

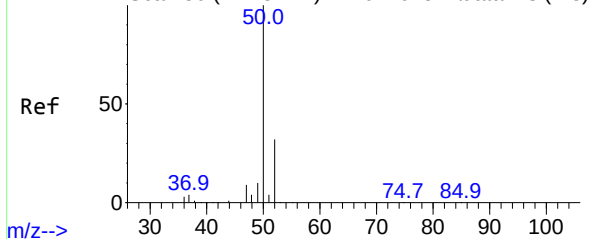


Dichlorodifluoromethane
Concen: 41.747 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 85 Resp: 77270
Ion Ratio Lower Upper
85 100
87 30.8 15.2 45.6



Abundance Scan 50 (2.215 min): VD071075.D\data.ms (-43)



#3

Chloromethane

Concen: 52.659 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

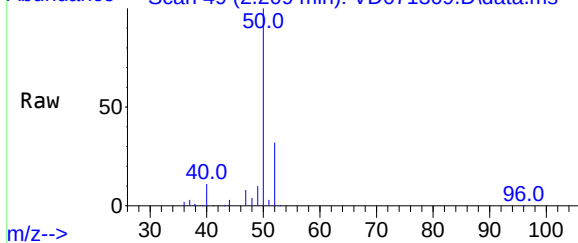
Tgt Ion: 50 Resp: 128945

Ion Ratio Lower Upper

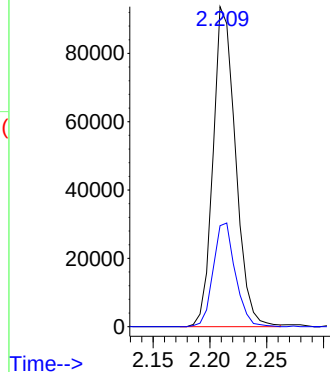
50 100

52 31.6 25.8 38.8

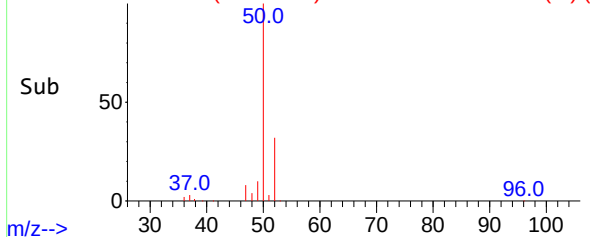
Abundance Scan 49 (2.209 min): VD071309.D\data.ms



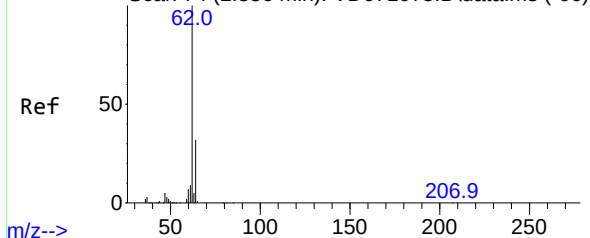
Abundance



Abundance Scan 49 (2.209 min): VD071309.D\data.ms (-1)



Abundance Scan 74 (2.356 min): VD071075.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 51.934 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

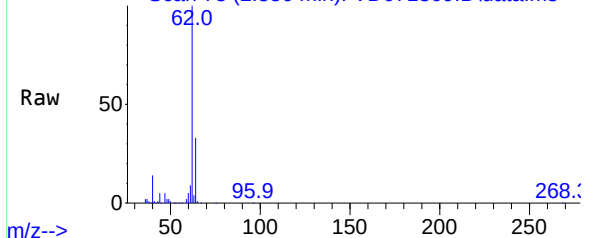
Tgt Ion: 62 Resp: 141879

Ion Ratio Lower Upper

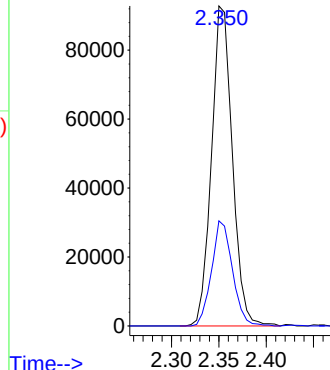
62 100

64 32.8 26.0 39.0

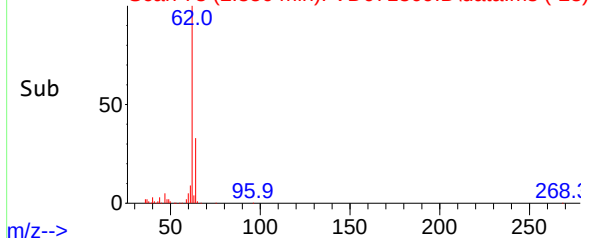
Abundance Scan 73 (2.350 min): VD071309.D\data.ms

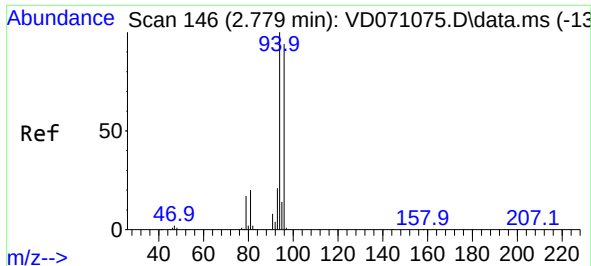


Abundance



Abundance Scan 73 (2.350 min): VD071309.D\data.ms (-23)

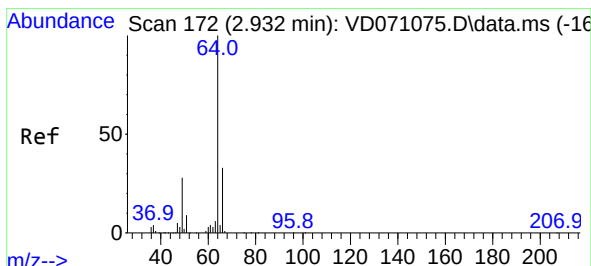
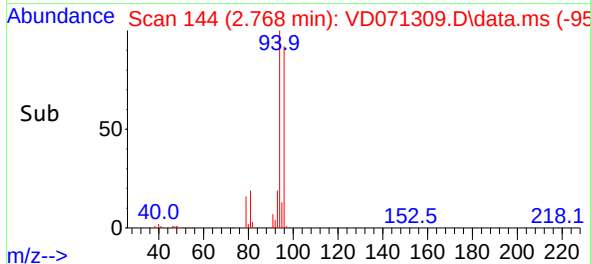
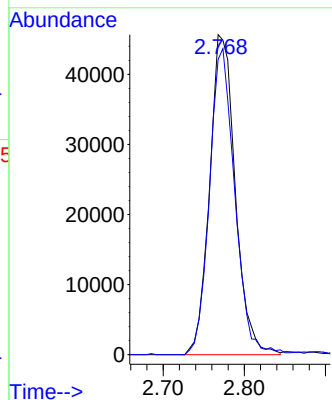
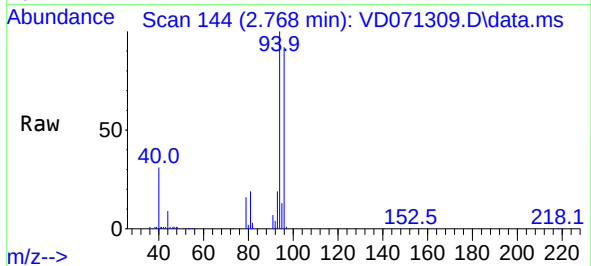




#5
Bromomethane
Concen: 50.927 ug/l
RT: 2.768 min Scan# 14
Delta R.T. -0.011 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

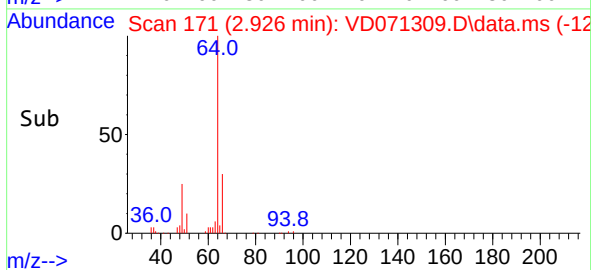
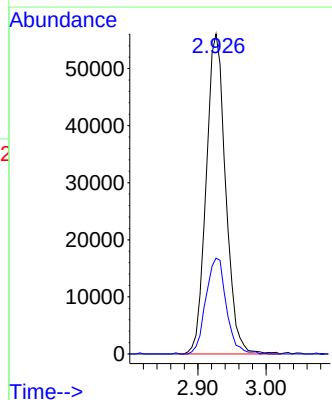
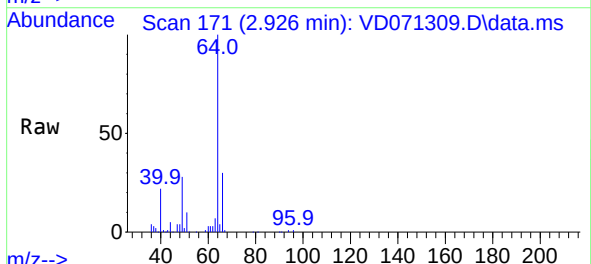
Instrument :
MSVOA_D
ClientSampleId :

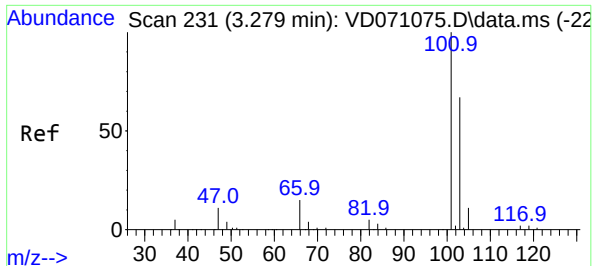
Tgt Ion: 94 Resp: 100294
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2



#6
Chloroethane
Concen: 59.257 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 64 Resp: 111341
Ion Ratio Lower Upper
64 100
66 29.9 29.0 43.4

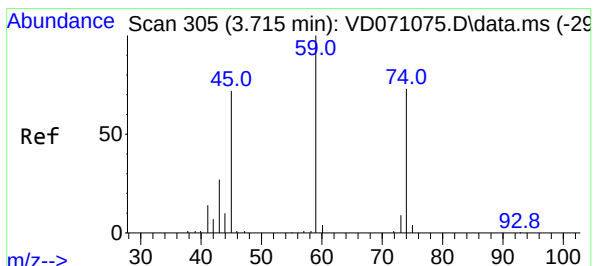
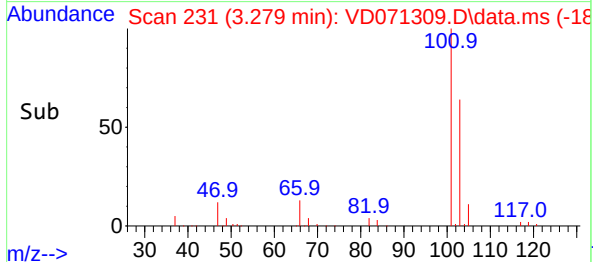
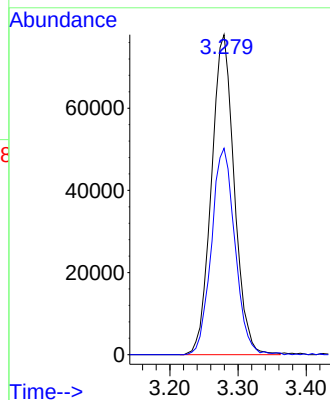
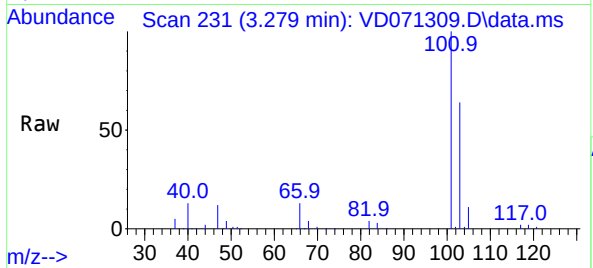




#7
Trichlorofluoromethane
Concen: 49.070 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

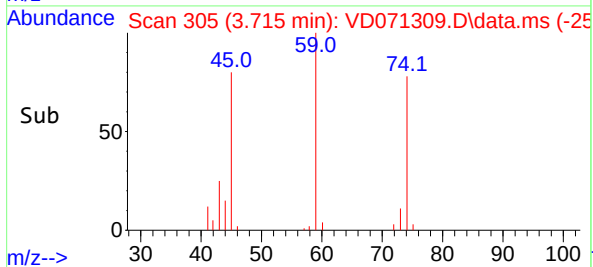
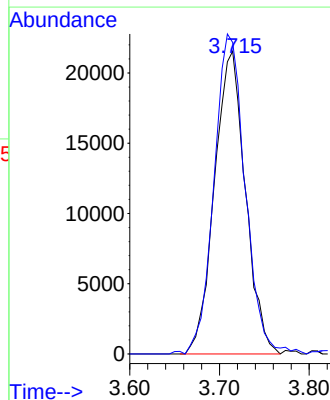
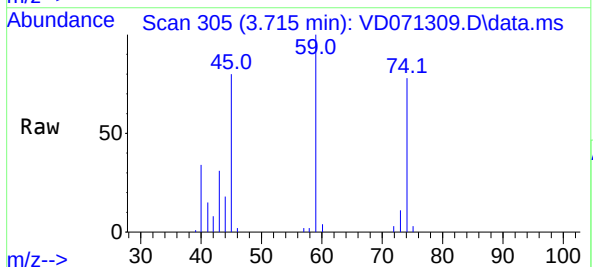
Instrument :
MSVOA_D
ClientSampleId :

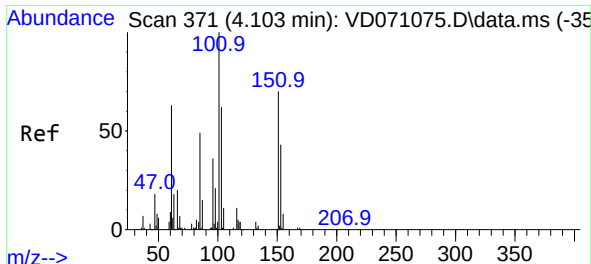
Tgt Ion:101 Resp: 181600
Ion Ratio Lower Upper
101 100
103 64.5 49.7 74.5



#8
Diethyl Ether
Concen: 51.415 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 74 Resp: 51584
Ion Ratio Lower Upper
74 100
45 106.4 49.6 149.0

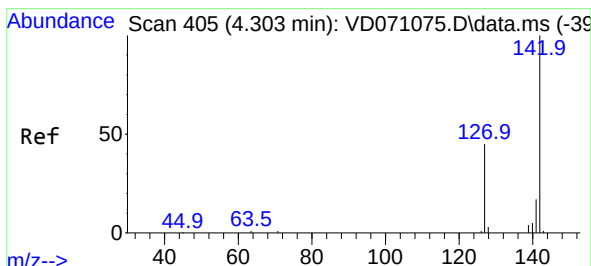
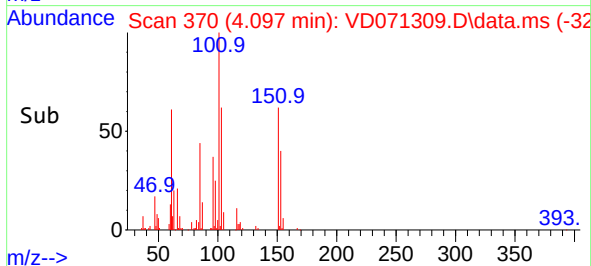
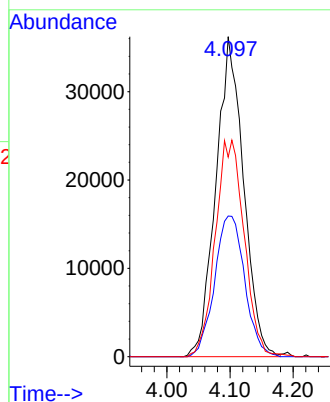
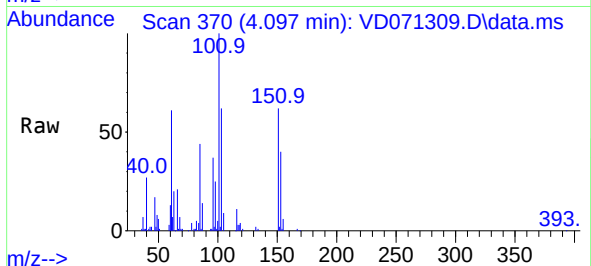




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.467 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

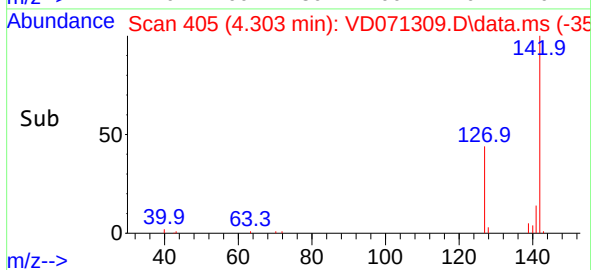
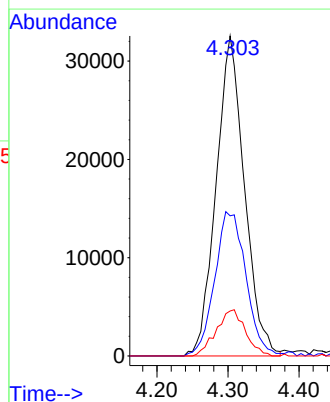
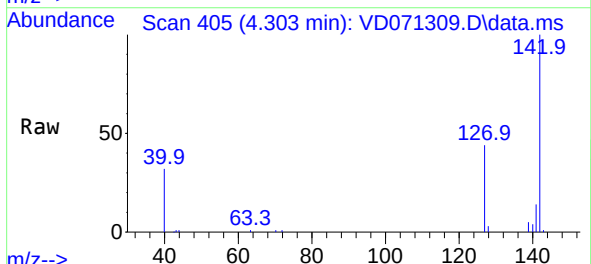
Instrument :
MSVOA_D
ClientSampleId :

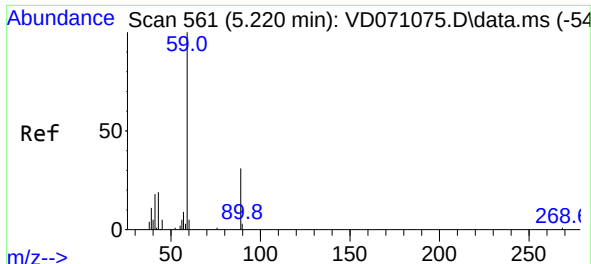
Tgt Ion:101 Resp: 110189
Ion Ratio Lower Upper
101 100
85 47.8 34.8 52.2
151 70.8 60.4 90.6



#10
Methyl Iodide
Concen: 36.852 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

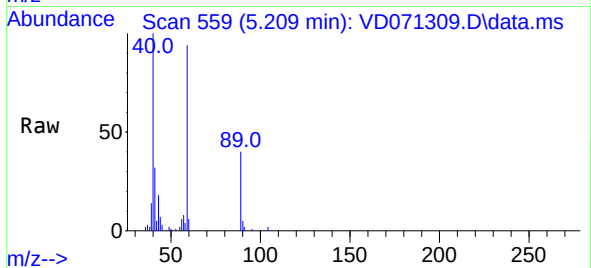
Tgt Ion:142 Resp: 90189
Ion Ratio Lower Upper
142 100
127 49.6 35.0 52.4
141 14.9 12.0 18.0



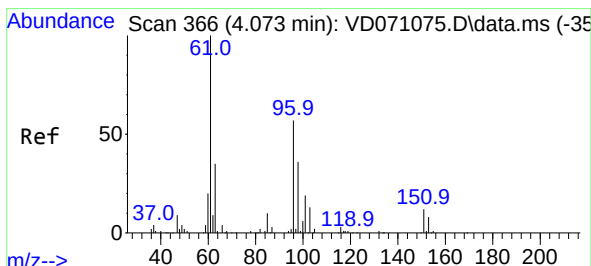
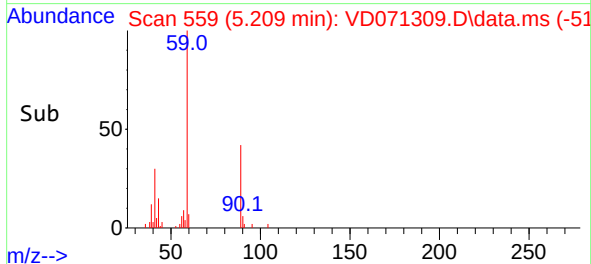
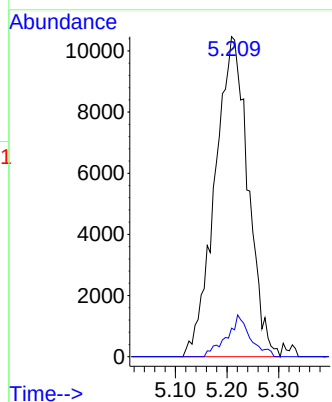


#11
Tert butyl alcohol
Concen: 293.201 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

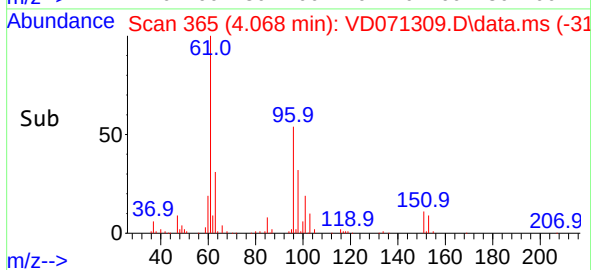
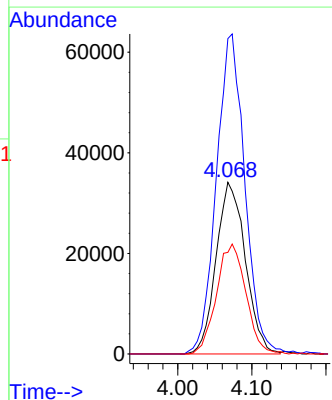
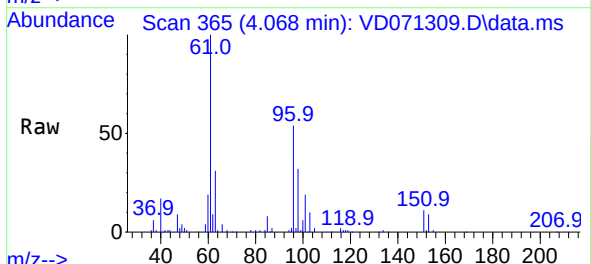


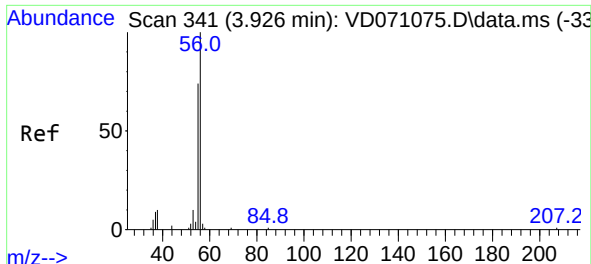
Tgt Ion: 59 Resp: 46561
Ion Ratio Lower Upper
59 100
57 9.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.489 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 96 Resp: 93672
Ion Ratio Lower Upper
96 100
61 183.8 120.3 180.5#
98 59.2 54.4 81.6

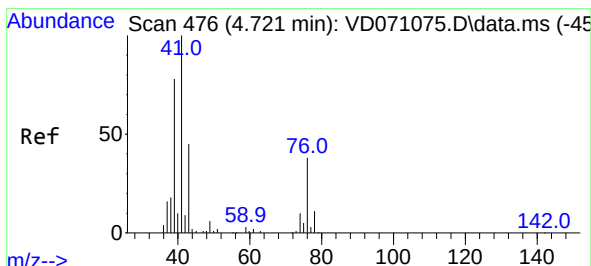
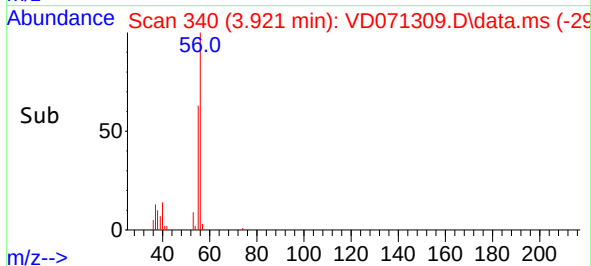
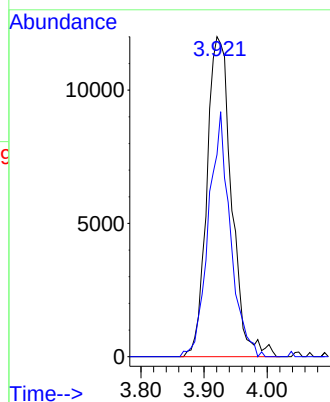
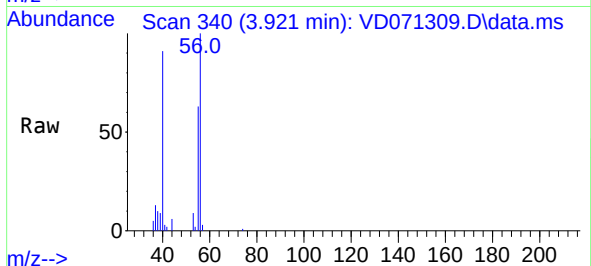




#13
Acrolein
Concen: 186.958 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

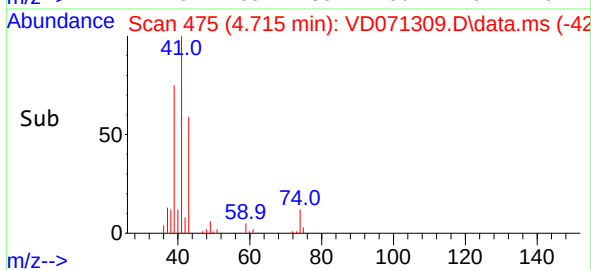
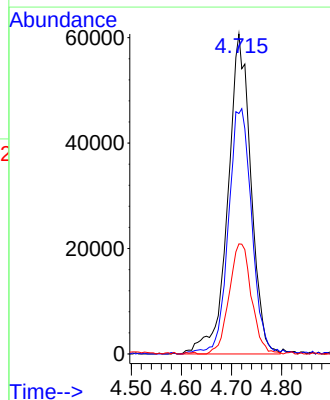
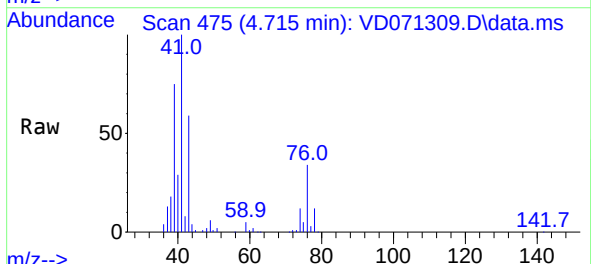
Instrument :
MSVOA_D
ClientSampleId :

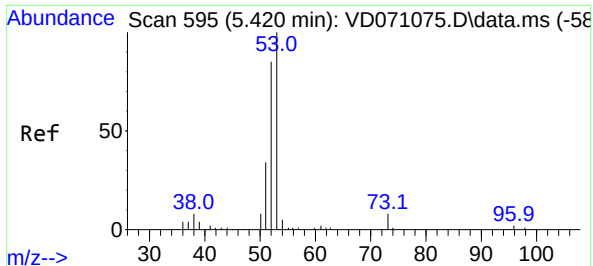
Tgt Ion: 56 Resp: 32538
Ion Ratio Lower Upper
56 100
55 68.0 58.6 87.8



#14
Allyl chloride
Concen: 50.570 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 41 Resp: 193541
Ion Ratio Lower Upper
41 100
39 78.2 45.6 68.4#
76 33.4 30.2 45.4

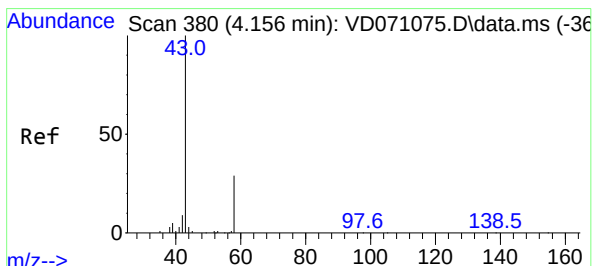
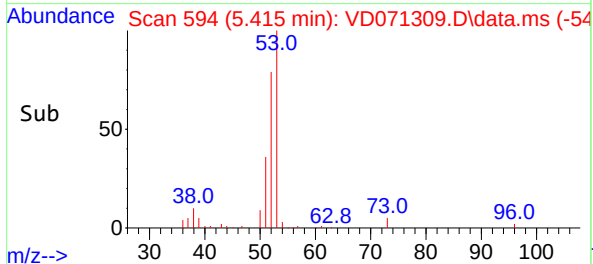
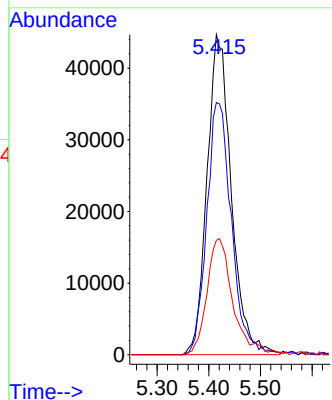
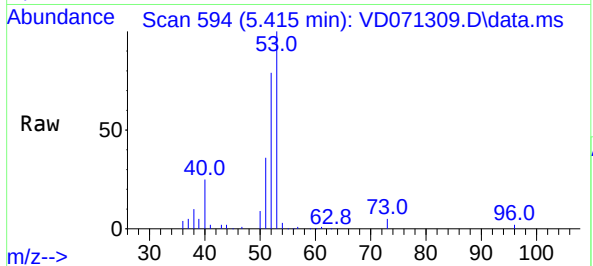




#15
Acrylonitrile
Concen: 299.139 ug/l
RT: 5.415 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

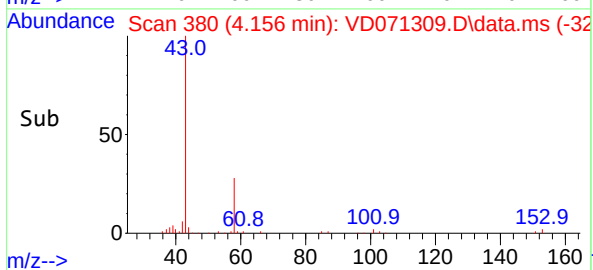
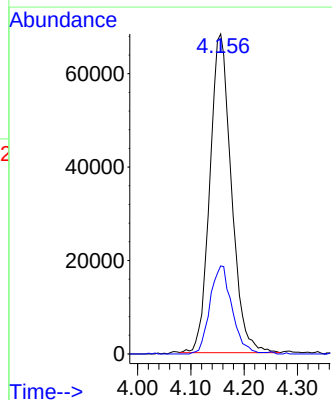
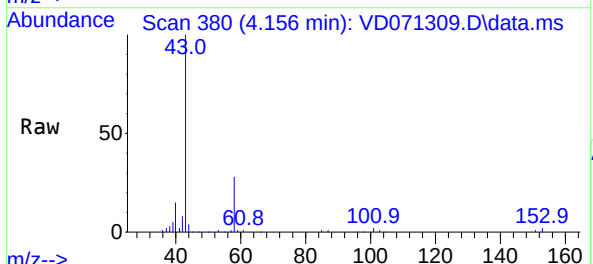
Instrument :
MSVOA_D
ClientSampleId :

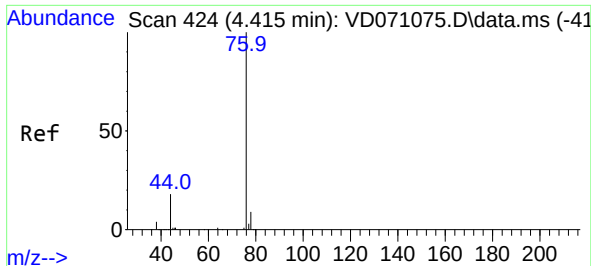
Tgt Ion: 53 Resp: 145958
Ion Ratio Lower Upper
53 100
52 80.1 63.8 95.8
51 38.1 28.5 42.7



#16
Acetone
Concen: 279.080 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 43 Resp: 191495
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#

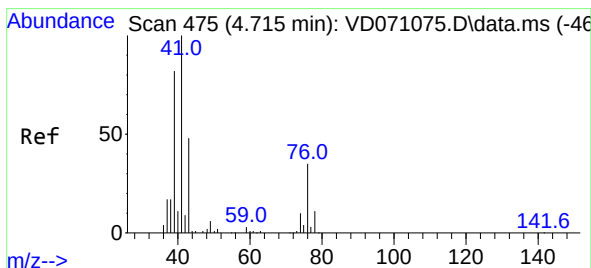
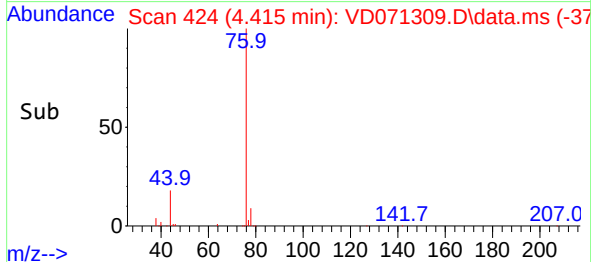
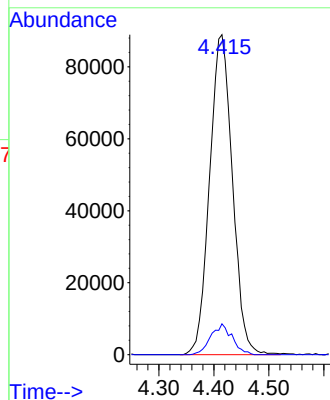
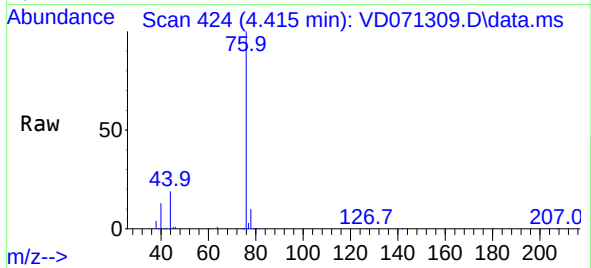




#17
Carbon Disulfide
Concen: 43.546 ug/l
RT: 4.415 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

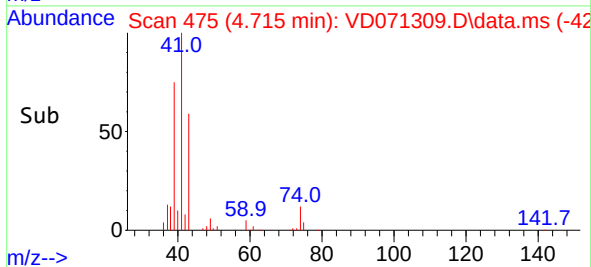
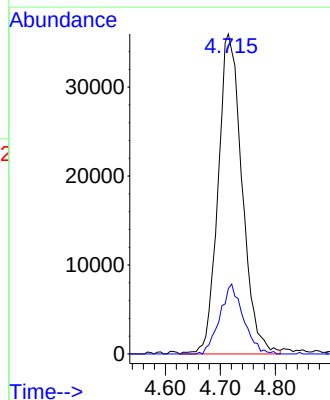
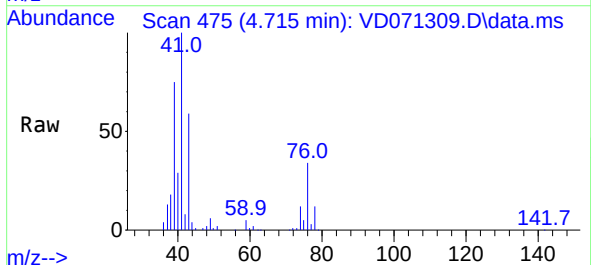
Instrument :
MSVOA_D
ClientSampleId :

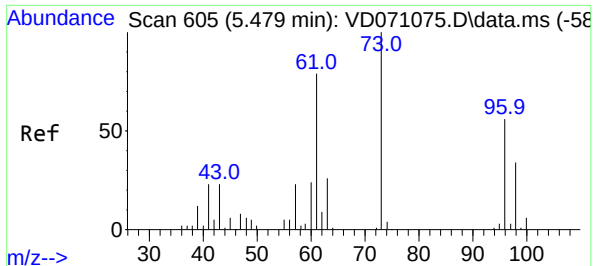
Tgt Ion: 76 Resp: 256893
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8



#18
Methyl Acetate
Concen: 58.058 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 43 Resp: 109094
Ion Ratio Lower Upper
43 100
74 21.4 19.3 28.9

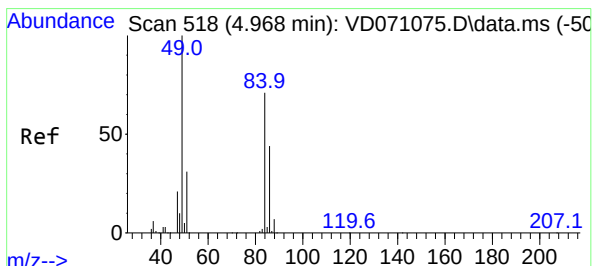
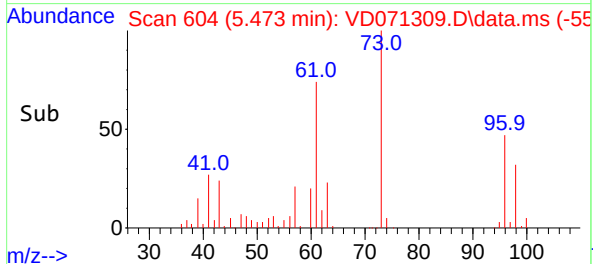
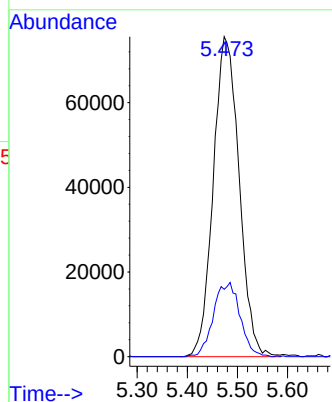
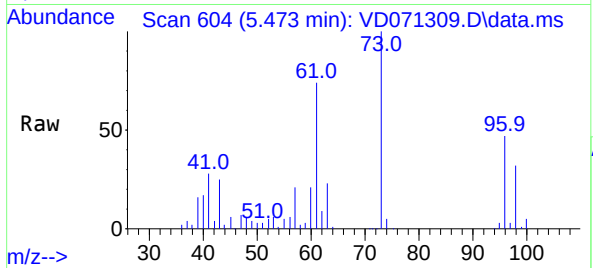




#19
Methyl tert-butyl Ether
Concen: 54.770 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

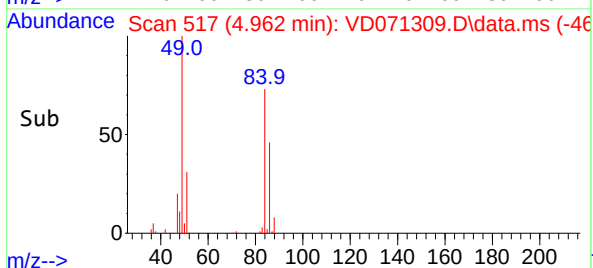
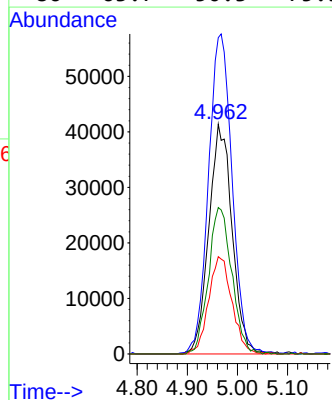
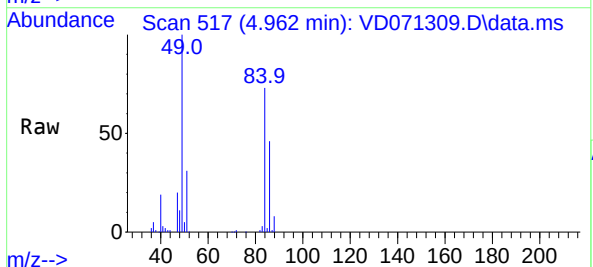
Instrument :
MSVOA_D
ClientSampleId :

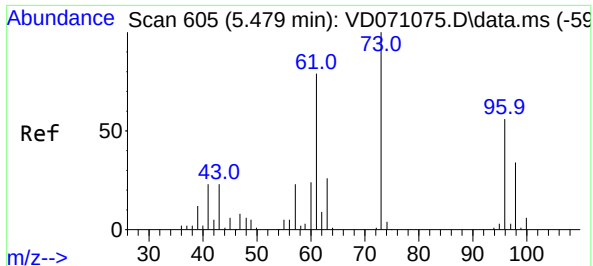
Tgt Ion: 73 Resp: 270456
Ion Ratio Lower Upper
73 100
57 21.1 18.9 28.3



#20
Methylene Chloride
Concen: 52.252 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

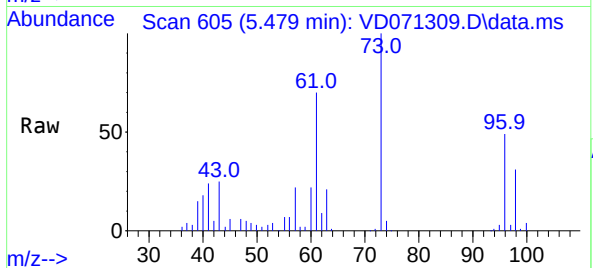
Tgt Ion: 84 Resp: 133803
Ion Ratio Lower Upper
84 100
49 137.3 95.8 143.6
51 42.3 30.9 46.3
86 63.7 50.3 75.5



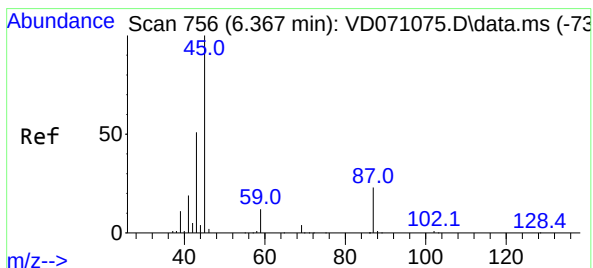
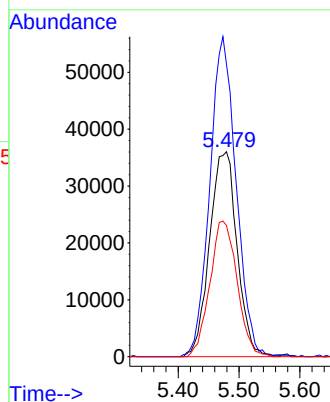
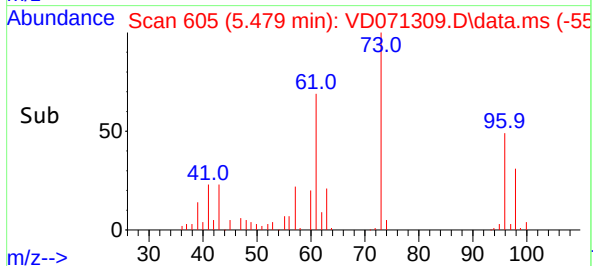


#21
trans-1,2-Dichloroethene
Concen: 49.920 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

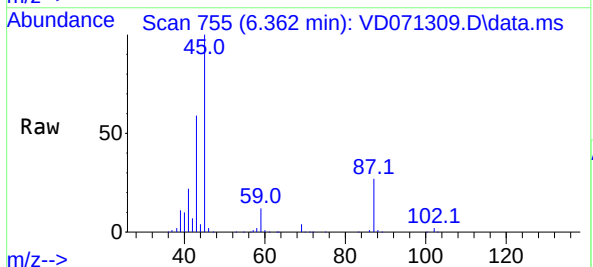
Instrument :
MSVOA_D
ClientSampleId :



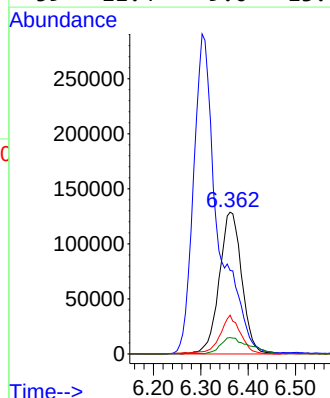
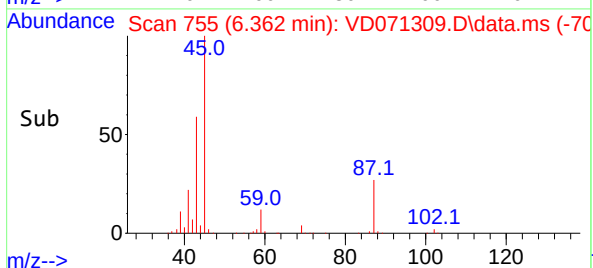
Tgt Ion: 96 Resp: 113226
Ion Ratio Lower Upper
96 100
61 142.9 102.1 153.1
98 64.0 50.1 75.1

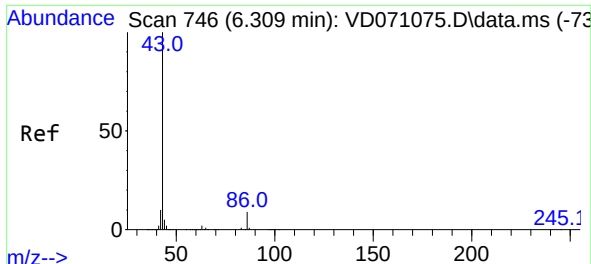


#22
Diisopropyl ether
Concen: 55.399 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08



Tgt Ion: 45 Resp: 424796
Ion Ratio Lower Upper
45 100
43 58.1 39.6 59.4
87 27.3 21.2 31.8
59 11.4 9.0 13.6

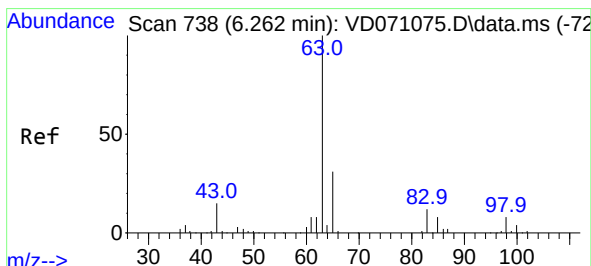
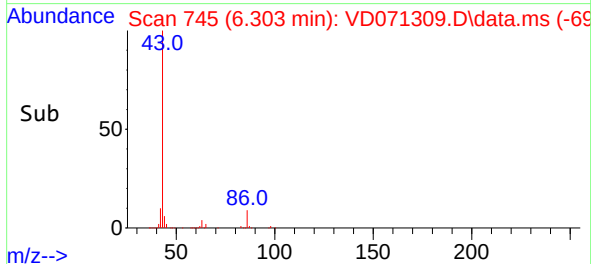
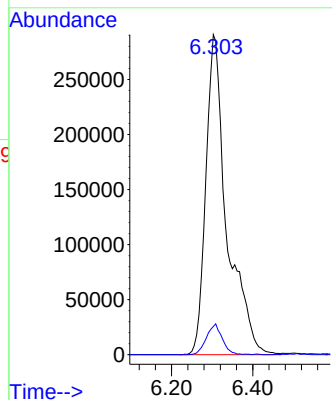
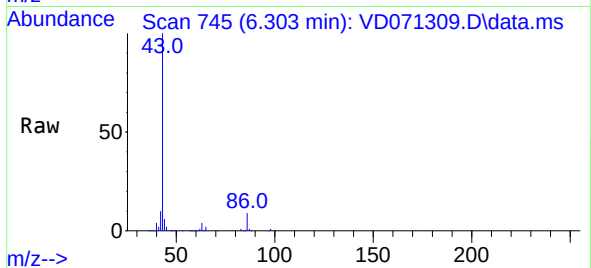




#23
 Vinyl Acetate
 Concen: 251.448 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

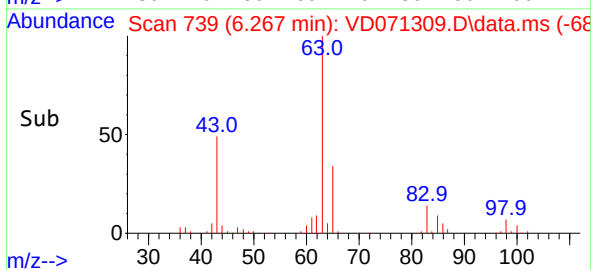
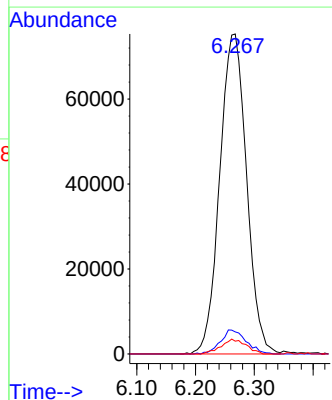
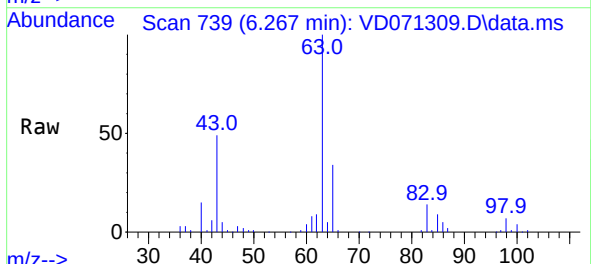
Instrument :
 MSVOA_D
 ClientSampleId :

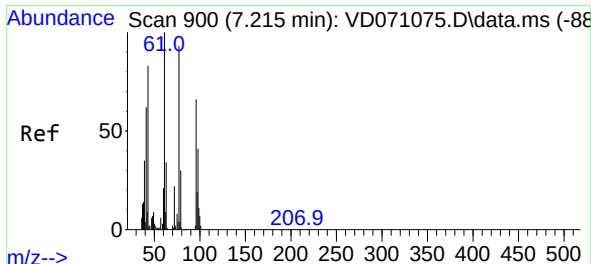
Tgt Ion: 43 Resp: 1043394
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 54.103 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

Tgt Ion: 63 Resp: 238615
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.0 2.1 6.3

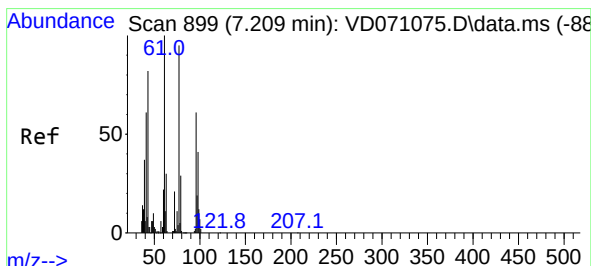
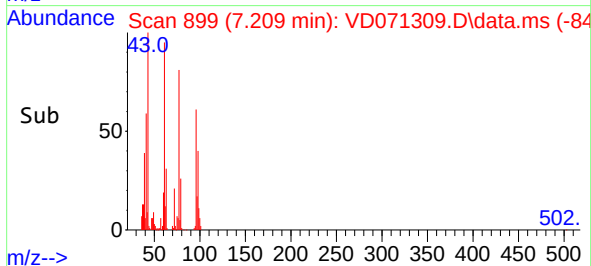
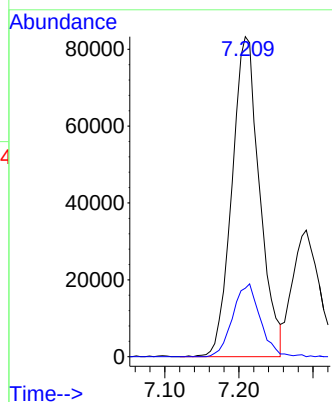
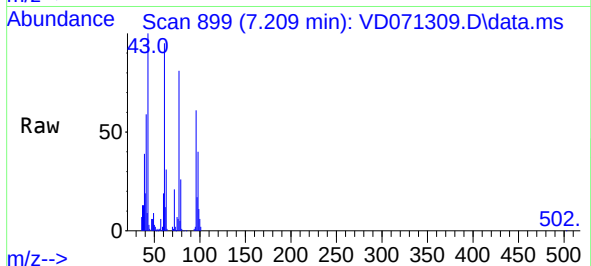




#25
2-Butanone
Concen: 273.347 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

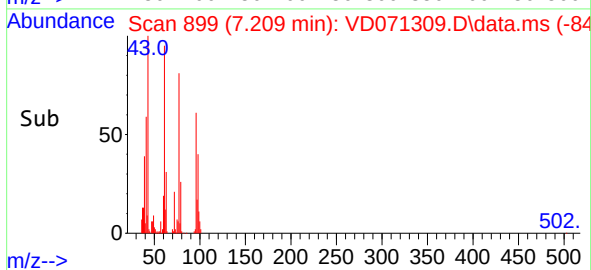
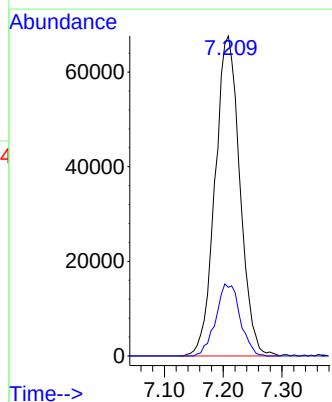
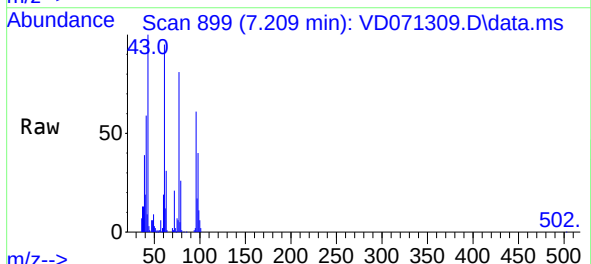
Instrument :
MSVOA_D
ClientSampleId :

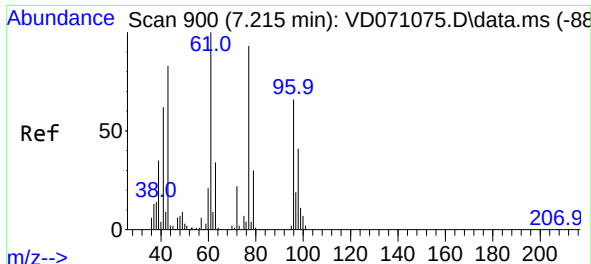
Tgt Ion: 43 Resp: 215834
Ion Ratio Lower Upper
43 100
72 21.4 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 49.329 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 77 Resp: 197834
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 54.143 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.001 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

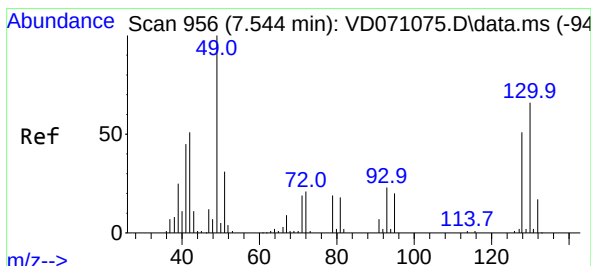
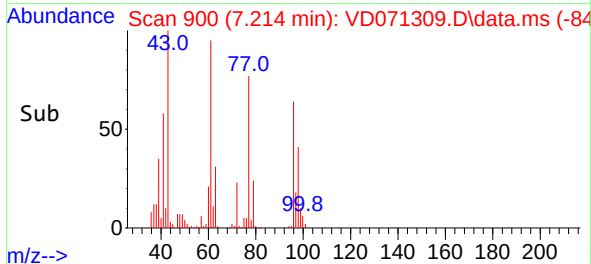
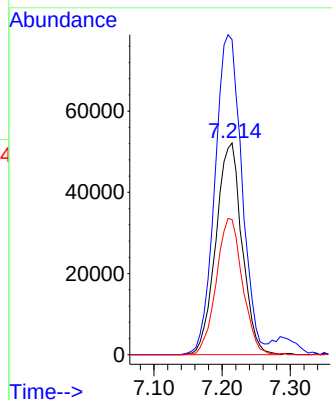
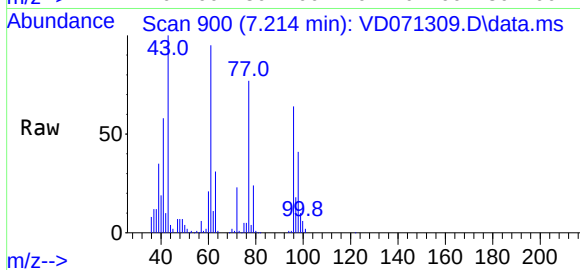
Tgt Ion: 96 Resp: 138932

Ion Ratio Lower Upper

96 100

61 155.7 0.0 288.6

98 64.8 0.0 129.2



#28

Bromochloromethane

Concen: 59.273 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

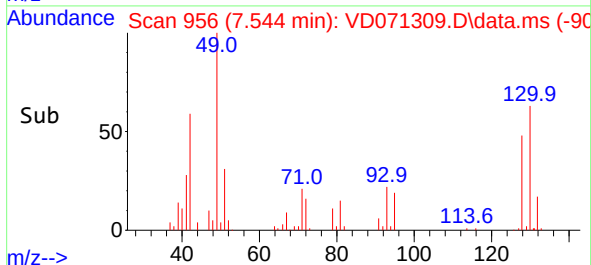
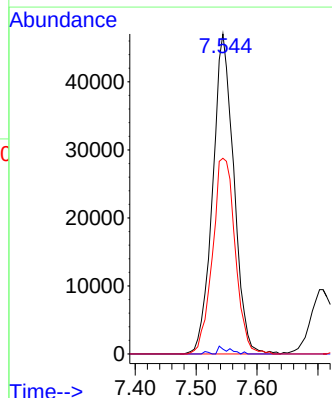
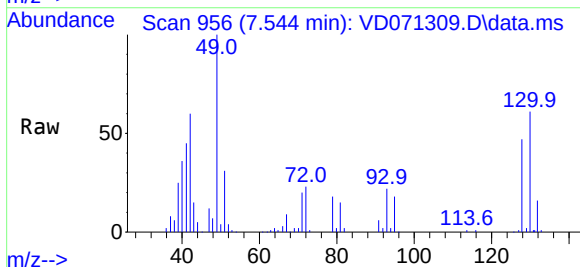
Tgt Ion: 49 Resp: 113545

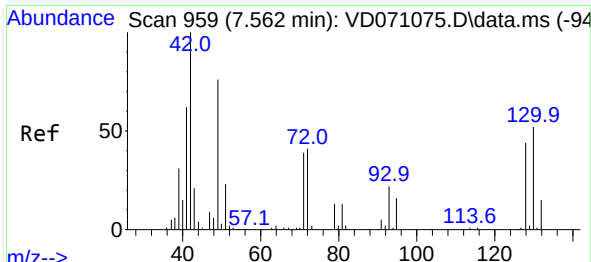
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.0

130 65.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 294.923 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

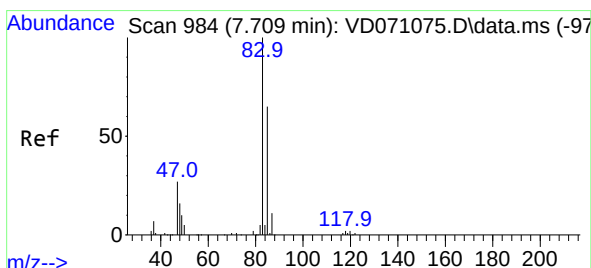
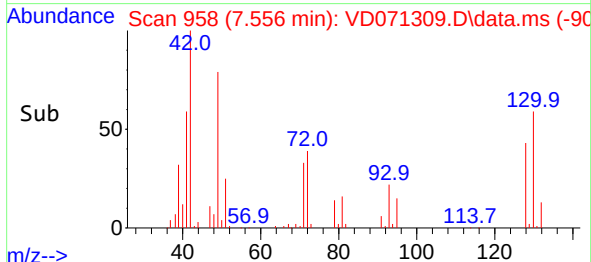
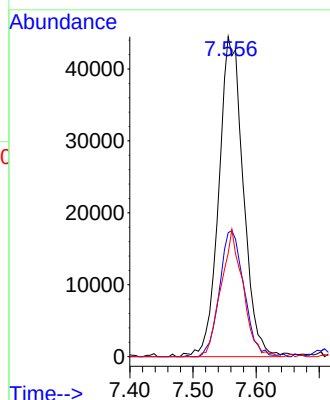
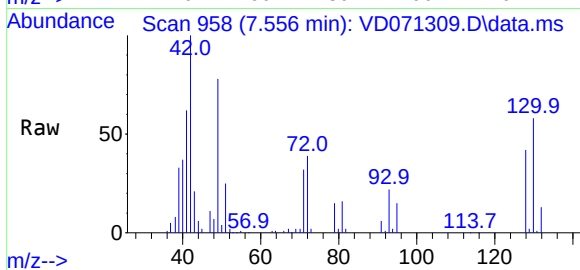
Tgt Ion: 42 Resp: 119268

Ion Ratio Lower Upper

42 100

72 39.4 33.7 50.5

71 36.0 32.7 49.1



#30

Chloroform

Concen: 56.287 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071309.D

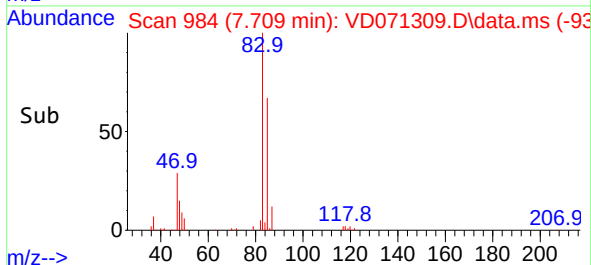
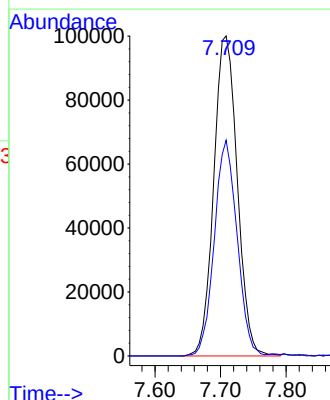
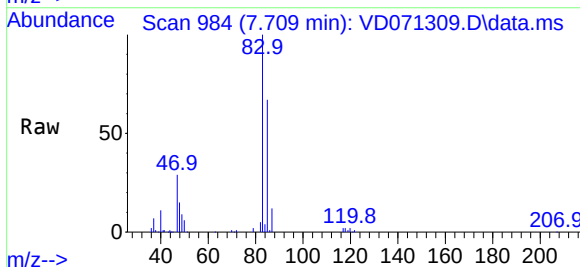
Acq: 14 Dec 2021 09:08

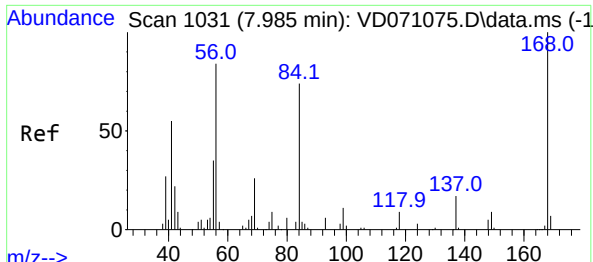
Tgt Ion: 83 Resp: 249144

Ion Ratio Lower Upper

83 100

85 67.4 51.0 76.6





#31

Cyclohexane

Concen: 44.916 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

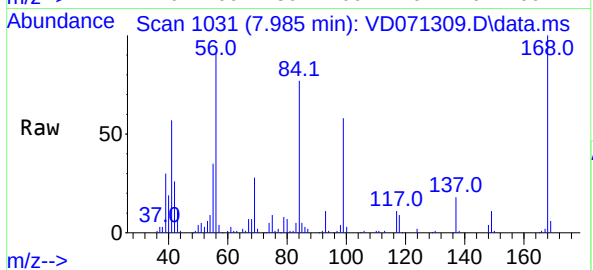
Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :



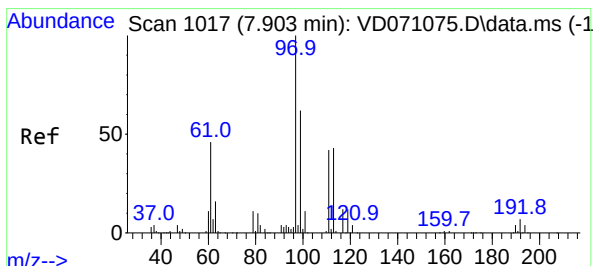
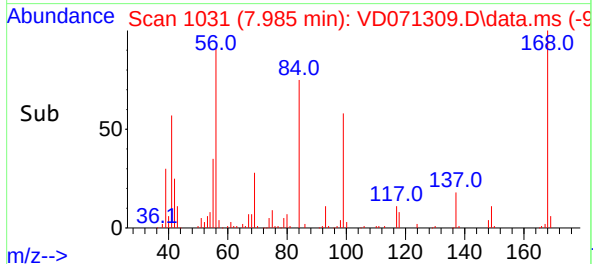
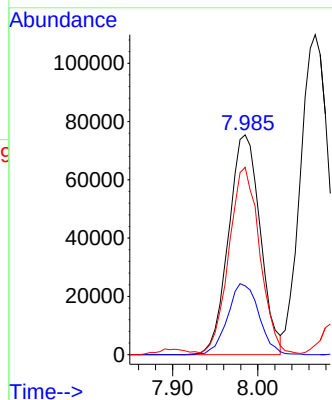
Tgt Ion: 56 Resp: 194577

Ion Ratio Lower Upper

56 100

69 31.3 25.9 38.9

84 83.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 54.451 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

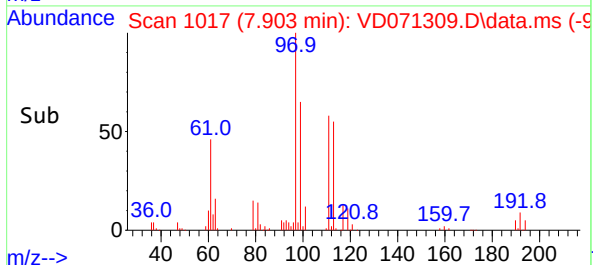
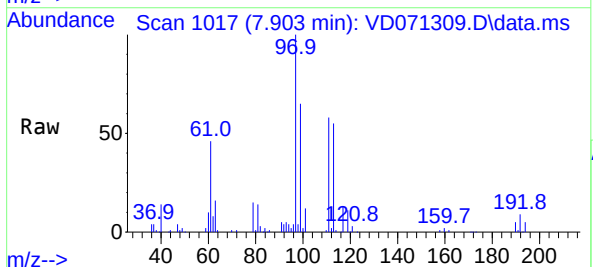
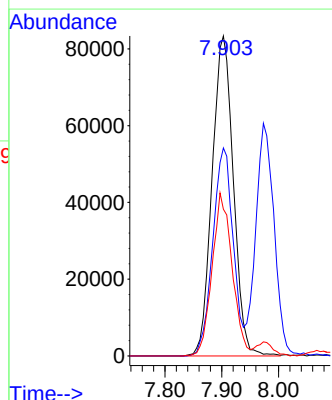
Tgt Ion: 97 Resp: 216387

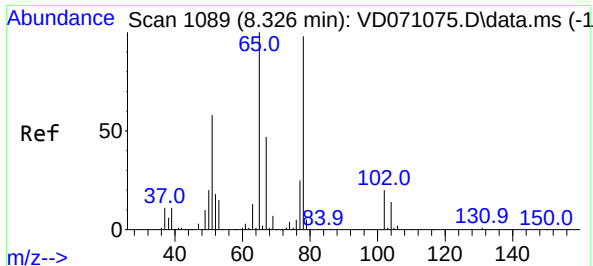
Ion Ratio Lower Upper

97 100

99 62.3 50.3 75.5

61 48.0 33.0 49.4

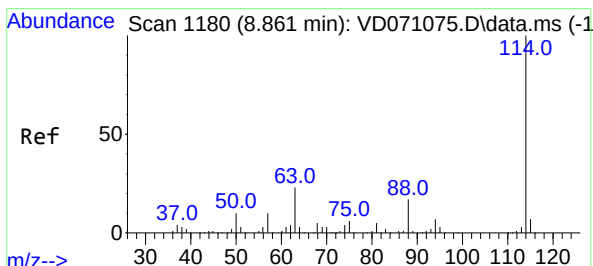
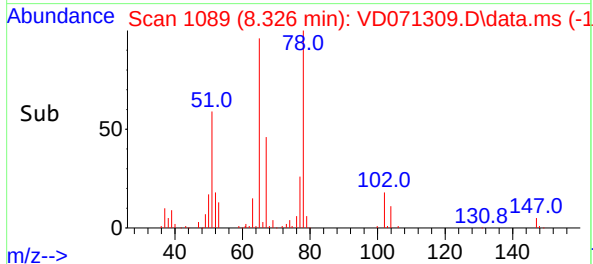
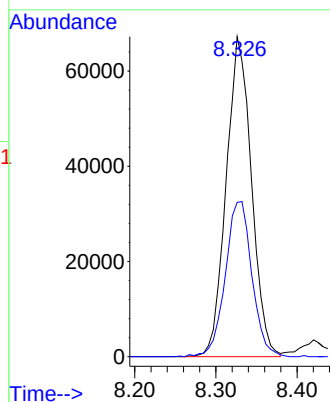
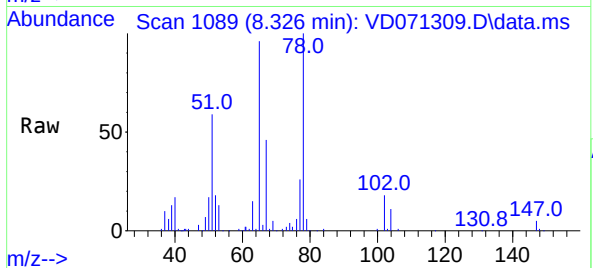




#33
1,2-Dichloroethane-d4
Concen: 57.065 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

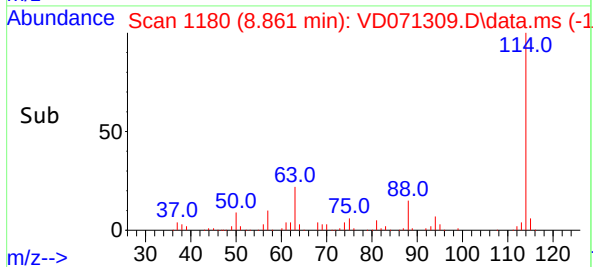
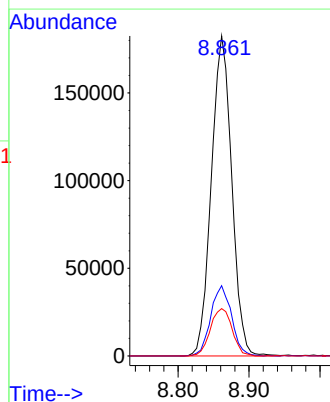
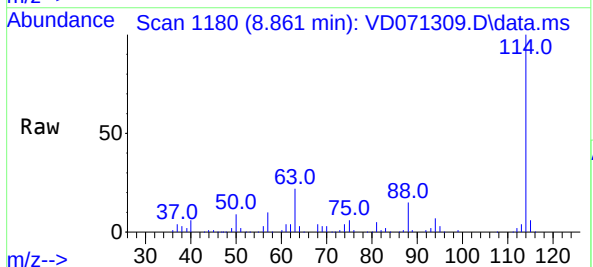
Instrument :
MSVOA_D
ClientSampleId :

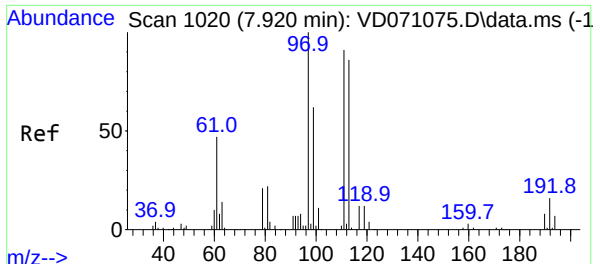
Tgt Ion: 65 Resp: 145333
Ion Ratio Lower Upper
65 100
67 51.1 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

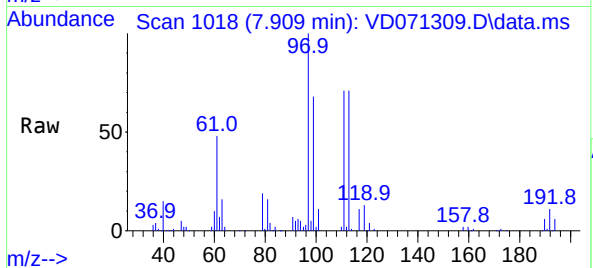
Tgt Ion: 114 Resp: 363785
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 14.8 0.0 32.8



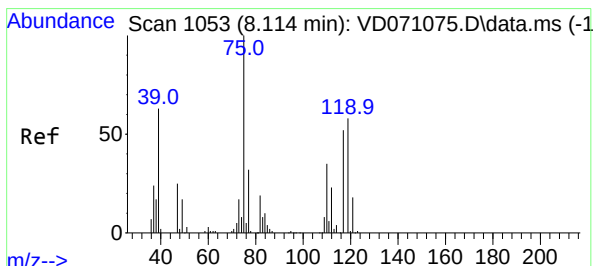
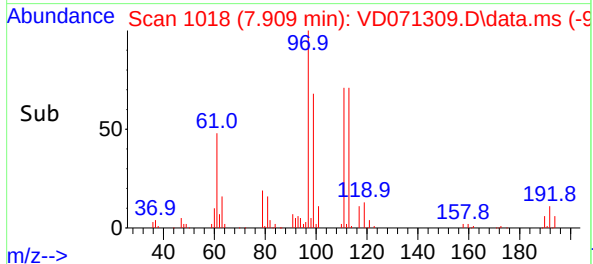
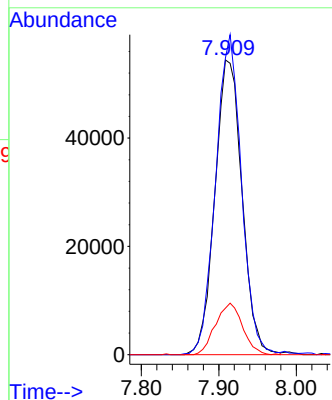


#35
Dibromofluoromethane
Concen: 57.128 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.011 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

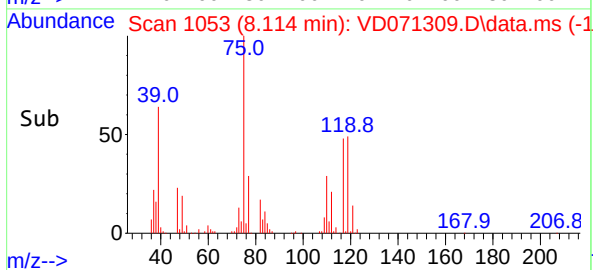
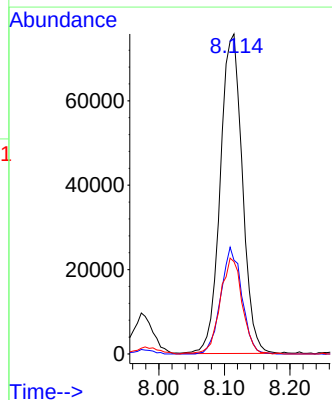
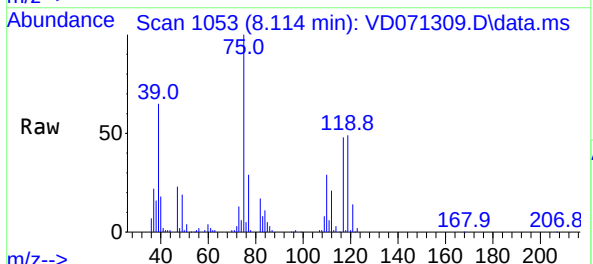


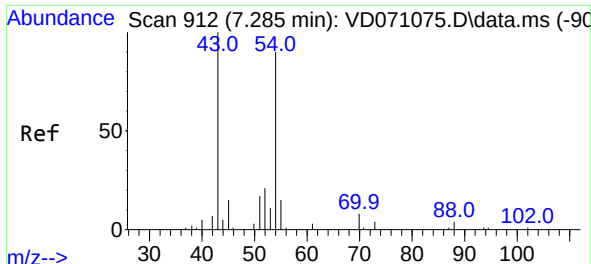
Tgt Ion:113 Resp: 132340
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 17.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 51.990 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 75 Resp: 176769
Ion Ratio Lower Upper
75 100
110 31.8 17.8 53.4
77 30.1 24.8 37.2





#37

Ethyl Acetate

Concen: 57.038 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

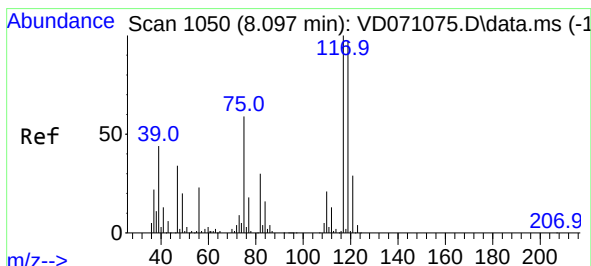
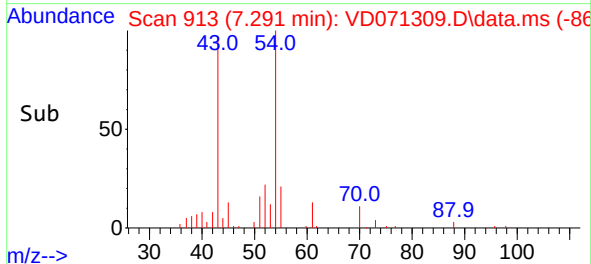
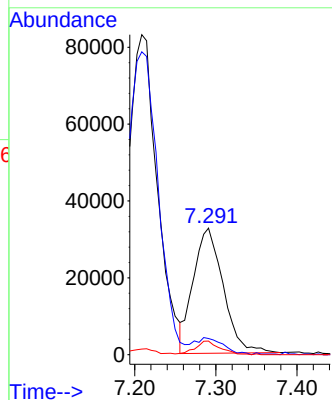
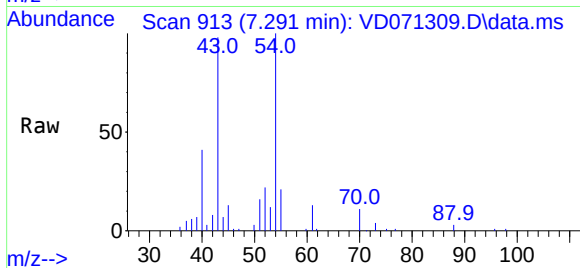
Tgt Ion: 43 Resp: 83771

Ion Ratio Lower Upper

43 100

61 12.5 13.0 19.6#

70 9.0 8.7 13.1



#38

Carbon Tetrachloride

Concen: 53.420 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

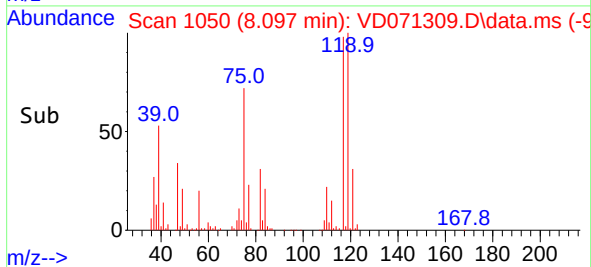
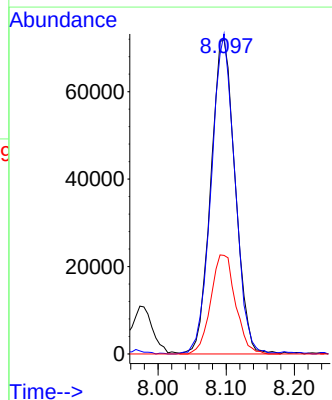
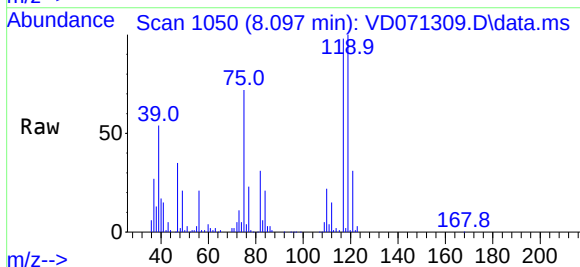
Tgt Ion: 117 Resp: 179043

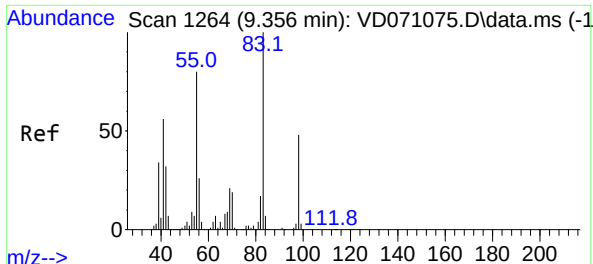
Ion Ratio Lower Upper

117 100

119 101.5 75.8 113.6

121 31.3 23.6 35.4





#39

Methylcyclohexane

Concen: 46.203 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

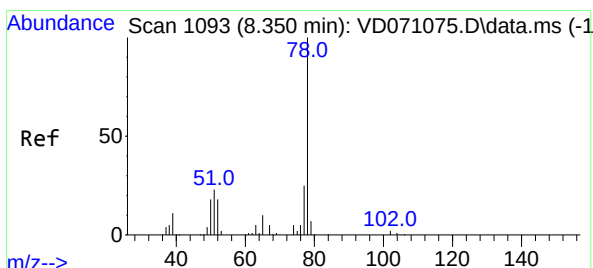
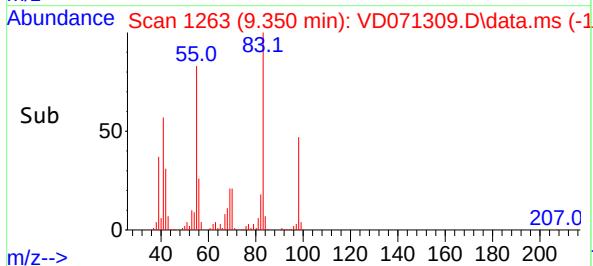
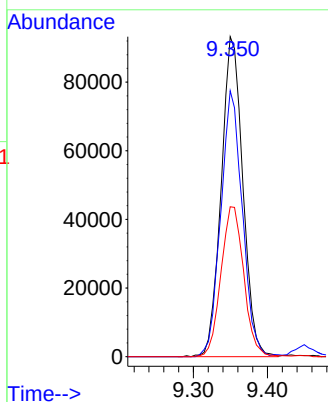
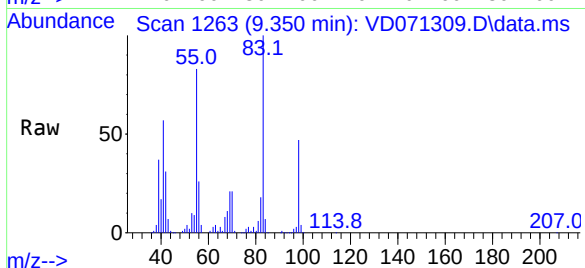
Tgt Ion: 83 Resp: 188946

Ion Ratio Lower Upper

83 100

55 83.1 65.8 98.8

98 46.9 38.7 58.1



#40

Benzene

Concen: 53.211 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071309.D

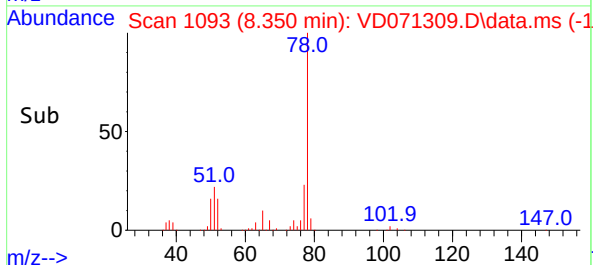
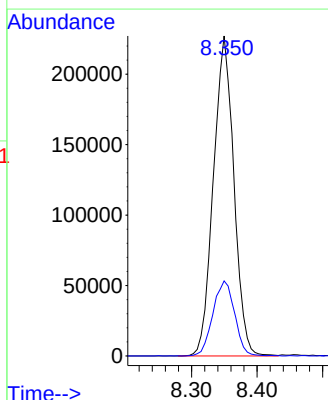
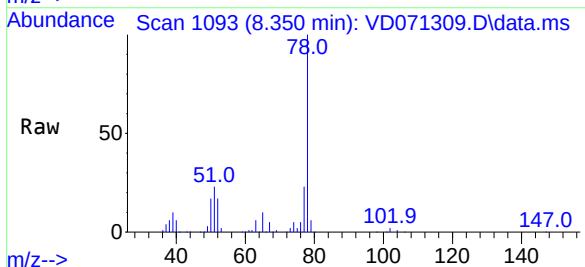
Acq: 14 Dec 2021 09:08

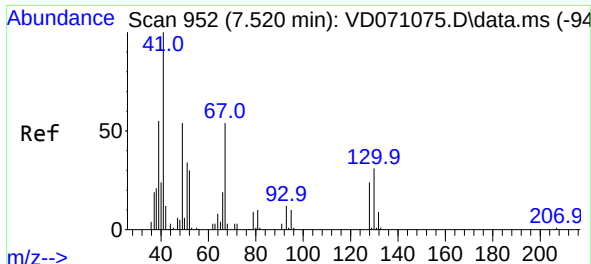
Tgt Ion: 78 Resp: 491426

Ion Ratio Lower Upper

78 100

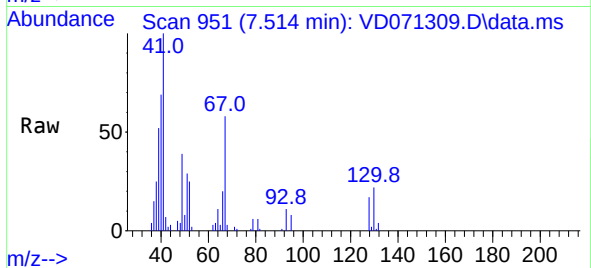
77 23.4 19.1 28.7



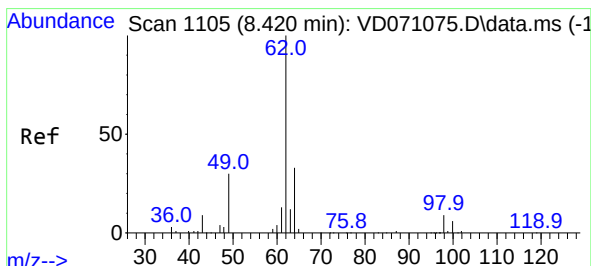
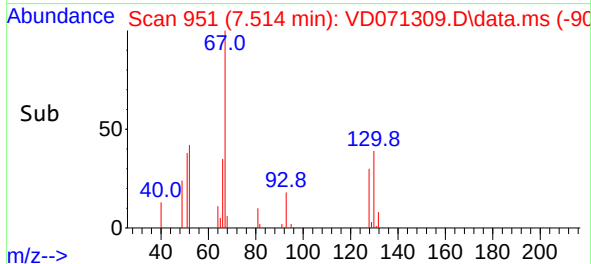
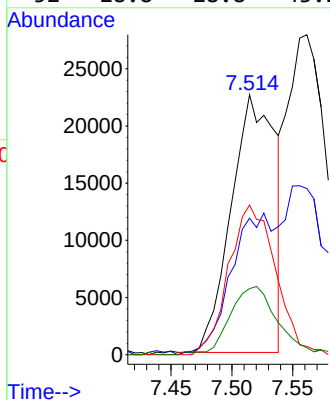


#41
Methacrylonitrile
Concen: 71.697 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

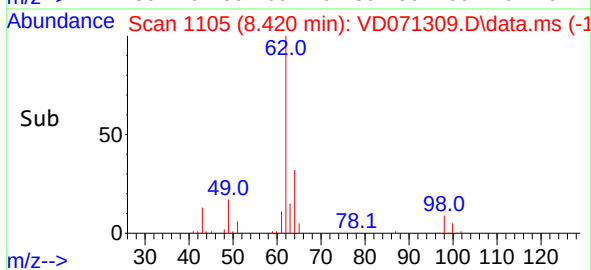
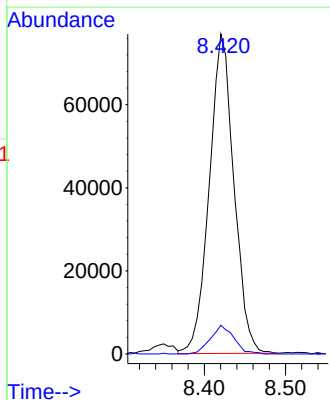
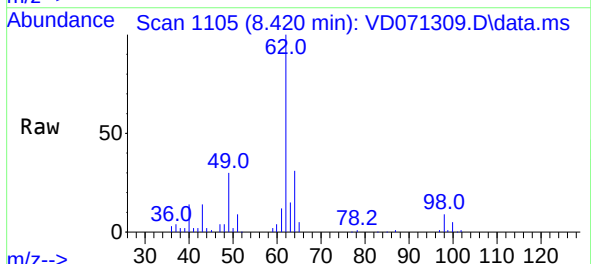


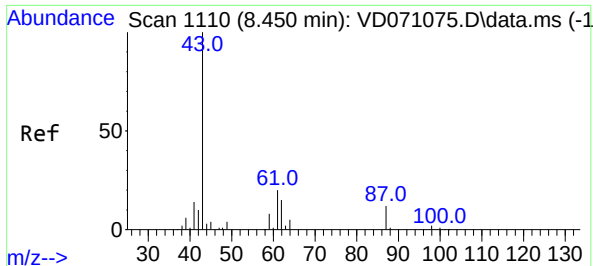
Tgt Ion: 41 Resp: 56549
Ion Ratio Lower Upper
41 100
39 49.9 60.2 90.4#
67 61.8 74.8 112.2#
52 28.8 28.8 43.2



#42
1,2-Dichloroethane
Concen: 57.514 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 62 Resp: 162138
Ion Ratio Lower Upper
62 100
98 8.5 0.0 21.8

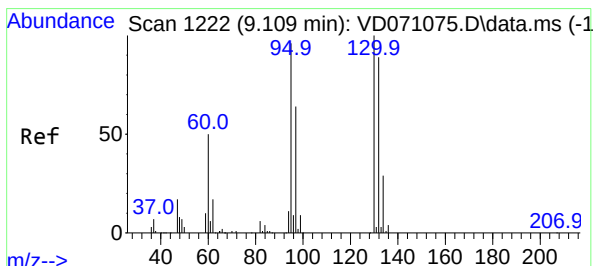
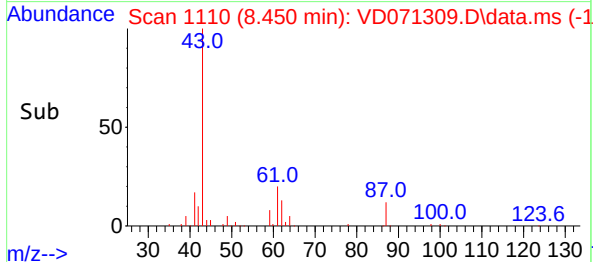
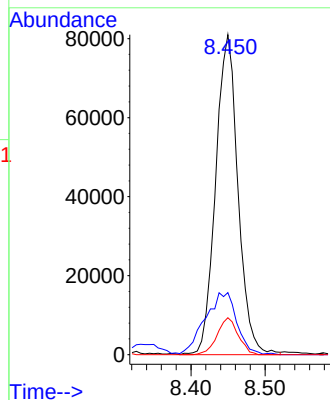
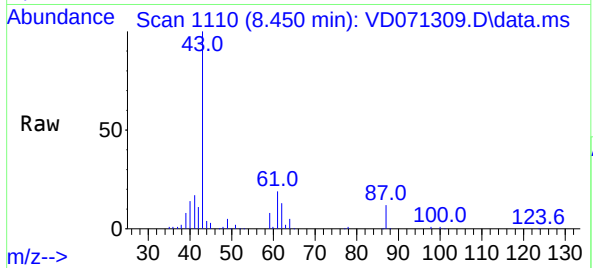




#43
Isopropyl Acetate
Concen: 52.207 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

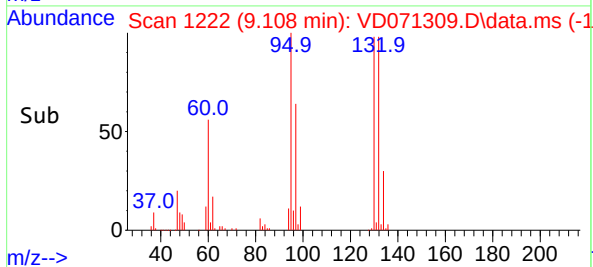
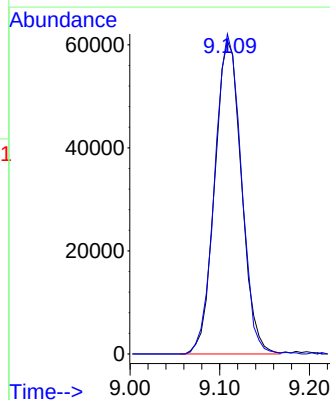
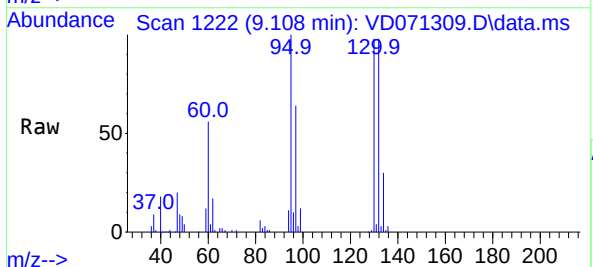
Instrument :
MSVOA_D
ClientSampleId :

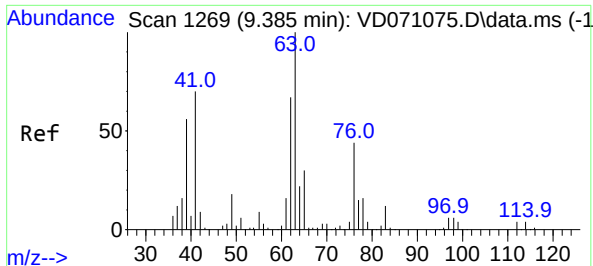
Tgt Ion: 43 Resp: 169549
Ion Ratio Lower Upper
43 100
61 27.6 28.2 42.4#
87 10.9 10.7 16.1



#44
Trichloroethene
Concen: 51.116 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:130 Resp: 125868
Ion Ratio Lower Upper
130 100
95 102.2 0.0 193.2





#45

1,2-Dichloropropane

Concen: 57.535 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

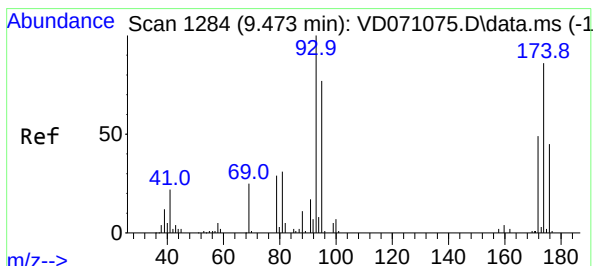
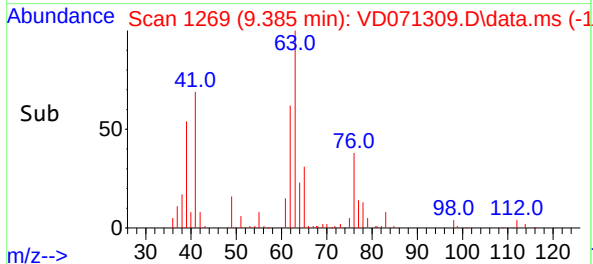
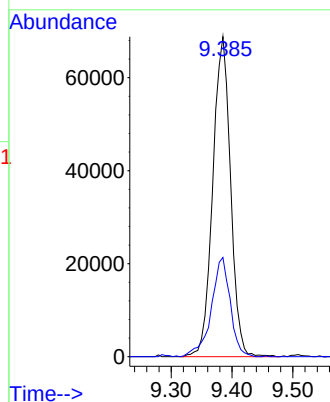
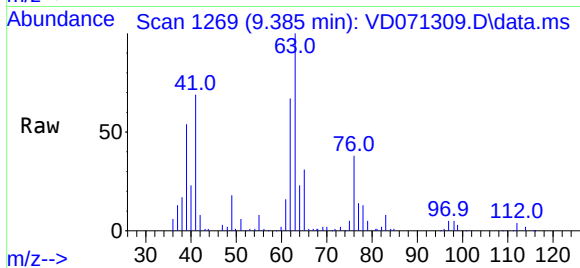
ClientSampleId :

Tgt Ion: 63 Resp: 139739

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 56.499 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

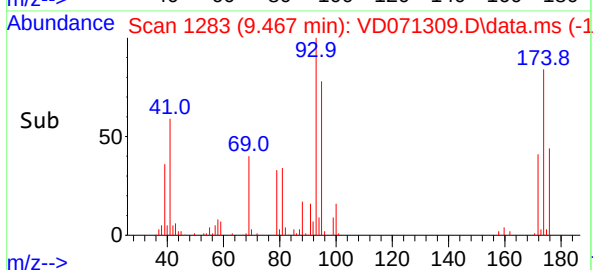
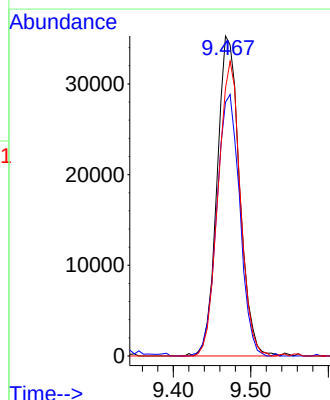
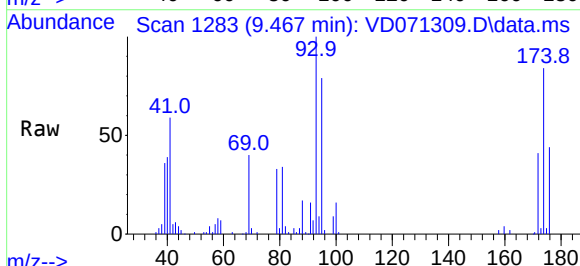
Tgt Ion: 93 Resp: 71194

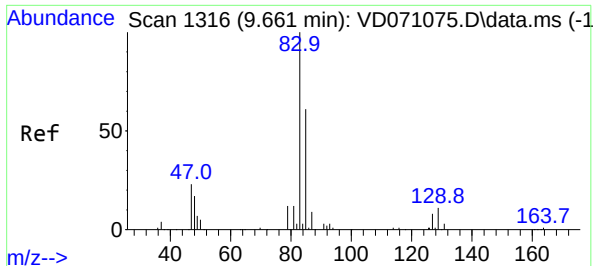
Ion Ratio Lower Upper

93 100

95 83.5 66.1 99.1

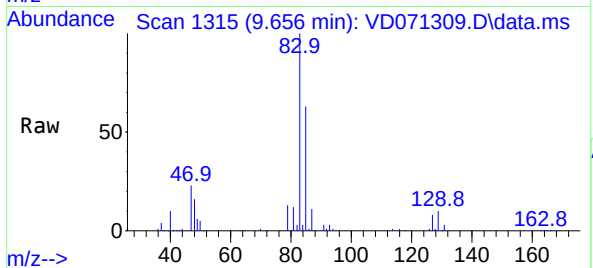
174 90.9 78.6 117.8



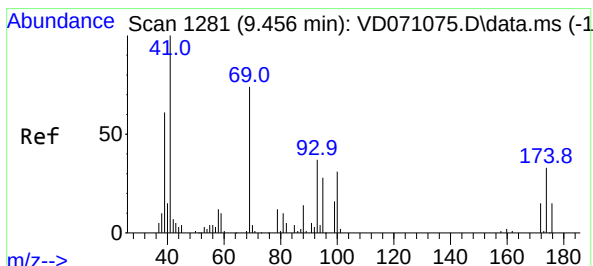
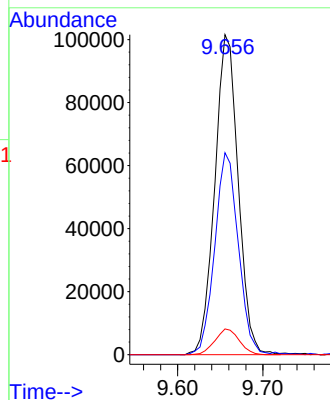
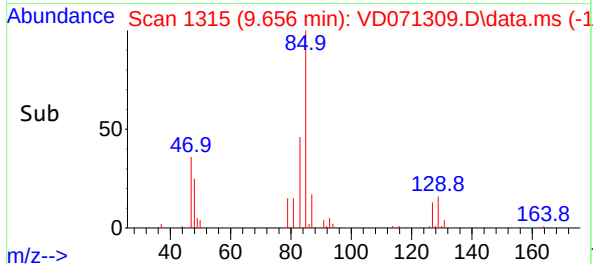


#47
Bromodichloromethane
Concen: 58.187 ug/l
RT: 9.656 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

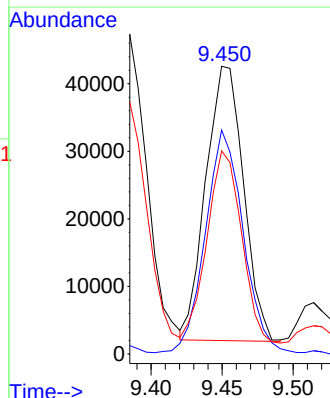
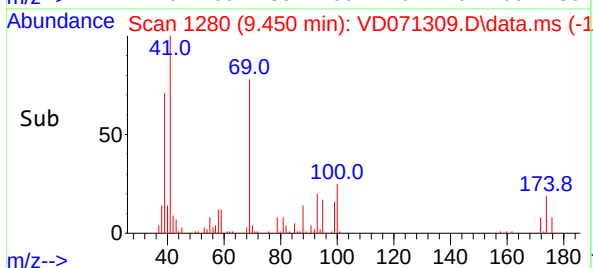
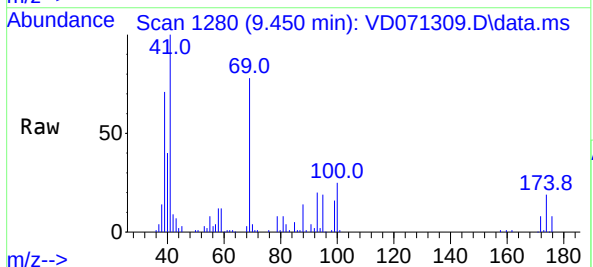


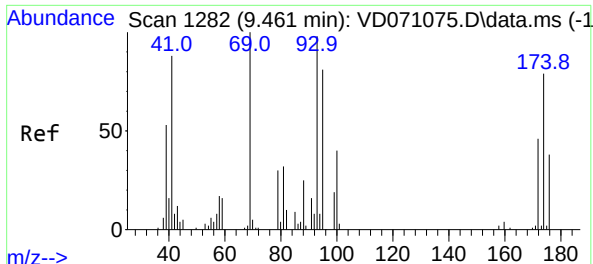
Tgt Ion: 83 Resp: 193904
Ion Ratio Lower Upper
83 100
85 63.1 50.0 75.0
127 8.0 7.3 10.9



#48
Methyl methacrylate
Concen: 52.182 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 41 Resp: 75018
Ion Ratio Lower Upper
41 100
69 81.3 69.8 104.6
39 73.3 35.6 53.4#





#49

1,4-Dioxane

Concen: 1275.351 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

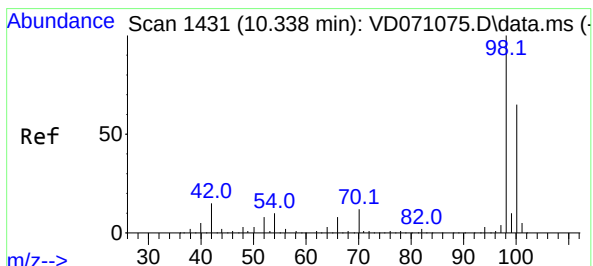
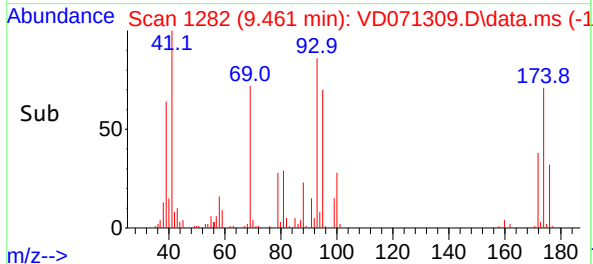
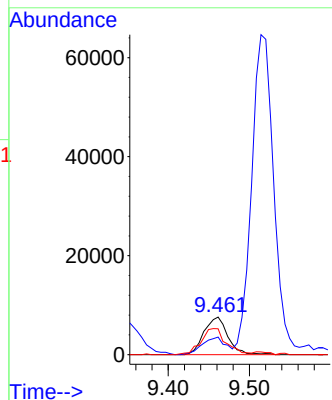
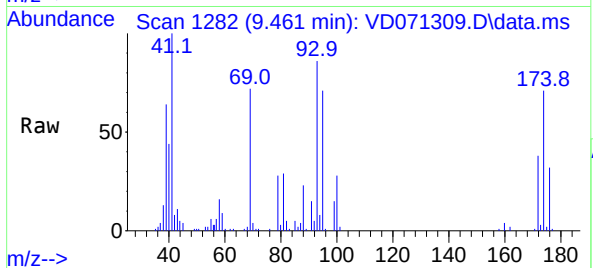
Tgt Ion: 88 Resp: 15513

Ion Ratio Lower Upper

88 100

43 45.9 28.9 43.3#

58 73.1 56.3 84.5



#50

Toluene-d8

Concen: 52.147 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071309.D

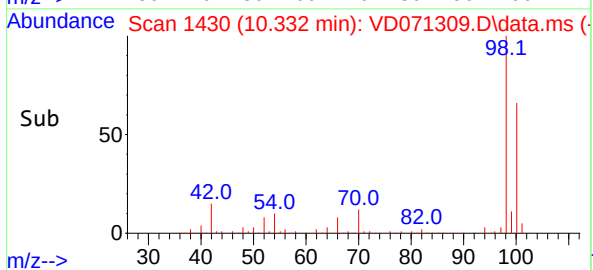
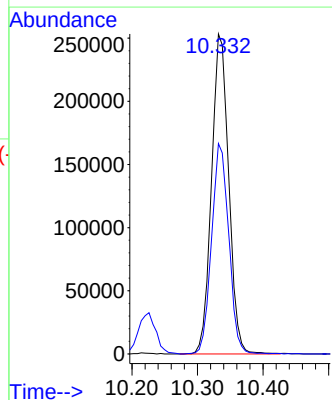
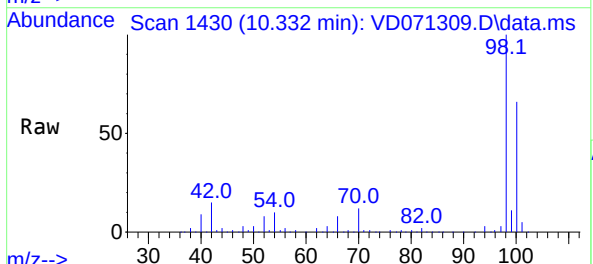
Acq: 14 Dec 2021 09:08

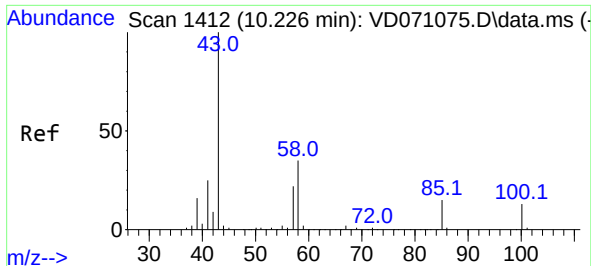
Tgt Ion: 98 Resp: 459705

Ion Ratio Lower Upper

98 100

100 65.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 266.666 ug/l

RT: 10.220 min Scan# 1412

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

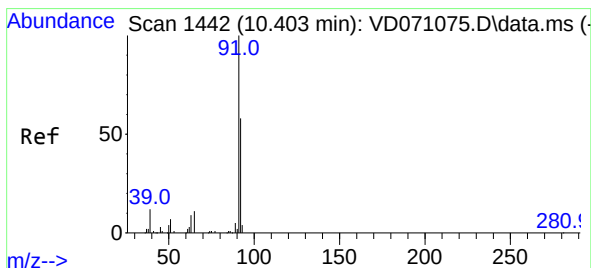
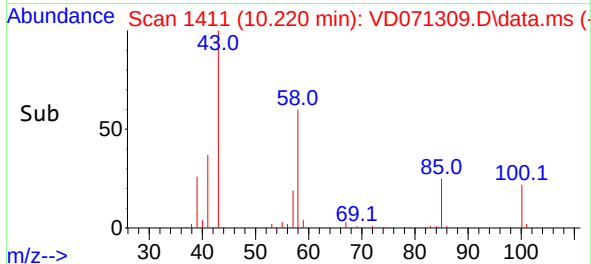
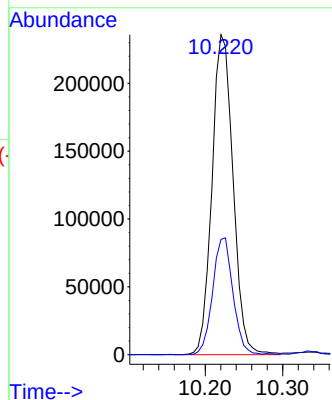
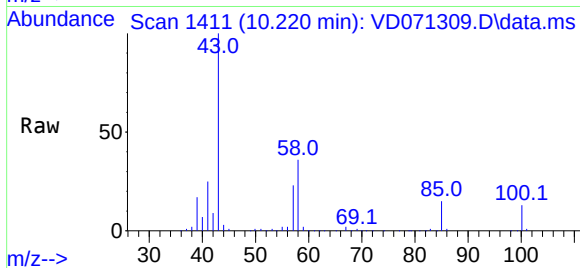
ClientSampleId :

Tgt Ion: 43 Resp: 445496

Ion Ratio Lower Upper

43 100

58 35.4 33.1 49.7



#52

Toluene

Concen: 53.963 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. -0.006 min

Lab File: VD071309.D

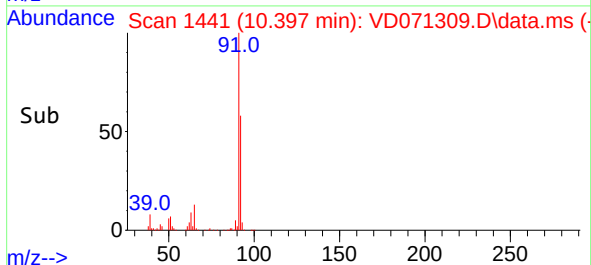
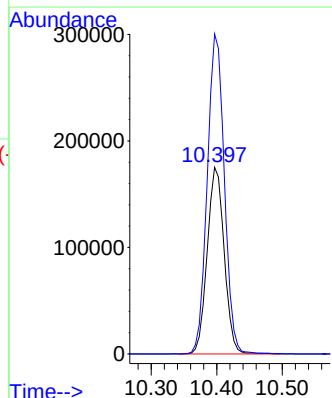
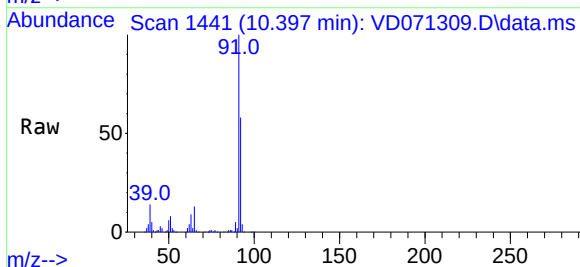
Acq: 14 Dec 2021 09:08

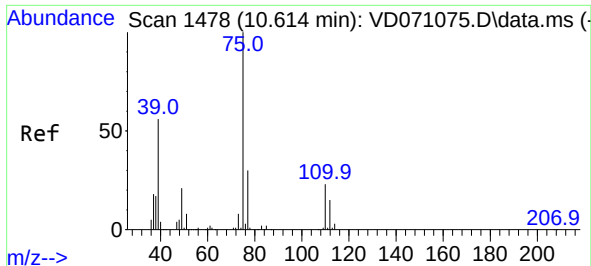
Tgt Ion: 92 Resp: 316211

Ion Ratio Lower Upper

92 100

91 172.5 140.7 211.1

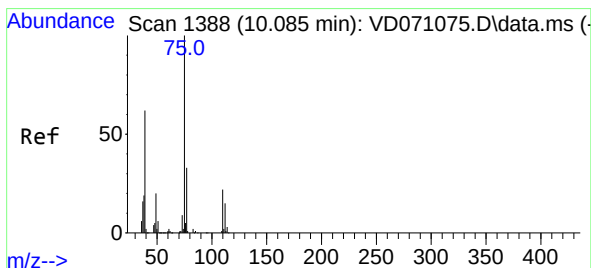
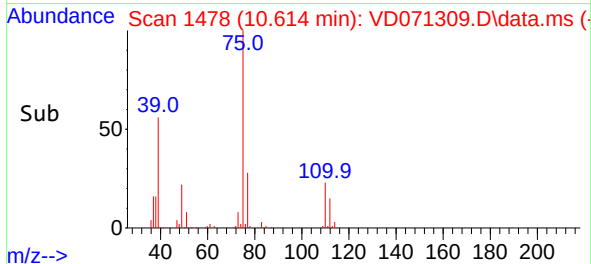
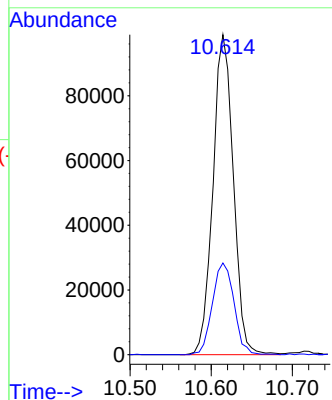
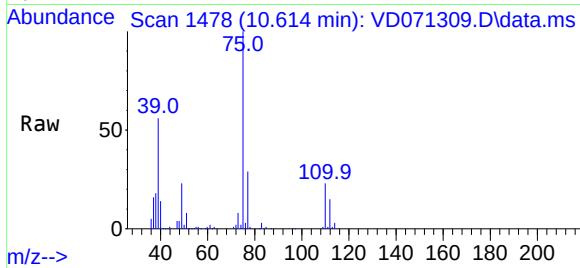




#53
 t-1,3-Dichloropropene
 Concen: 56.409 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

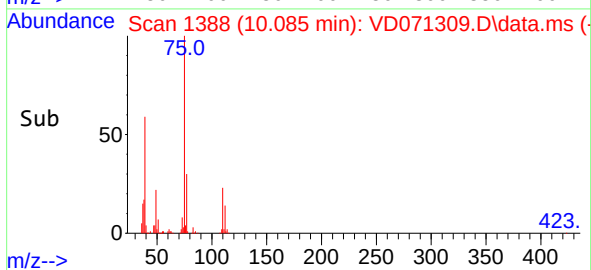
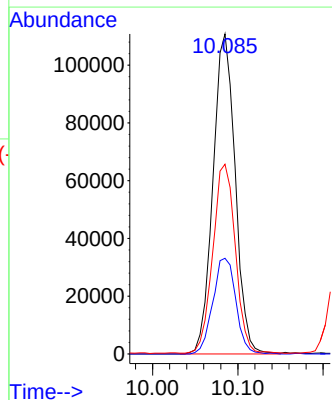
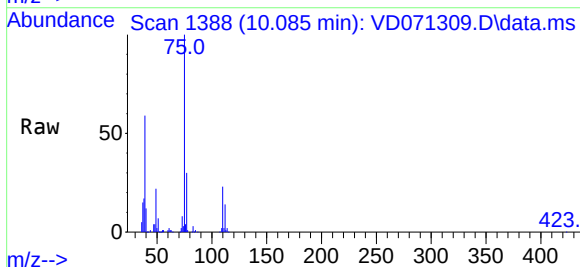
Instrument :
 MSVOA_D
 ClientSampleId :

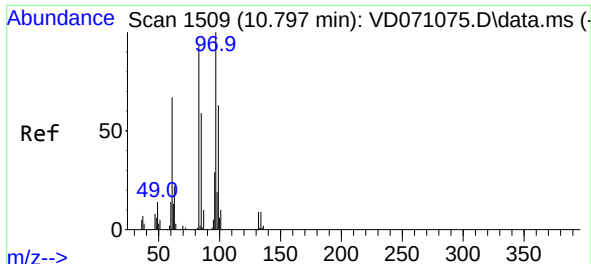
Tgt Ion: 75 Resp: 172831
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 55.108 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

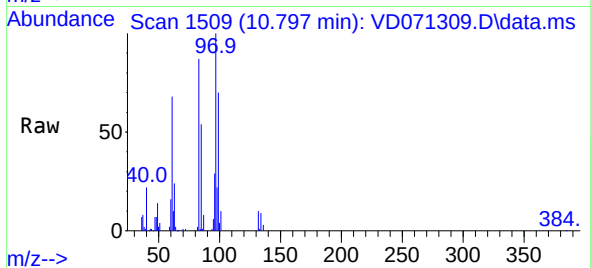
Tgt Ion: 75 Resp: 200561
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.6
 39 59.0 31.6 47.4#





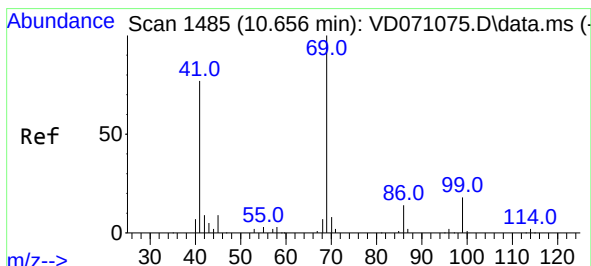
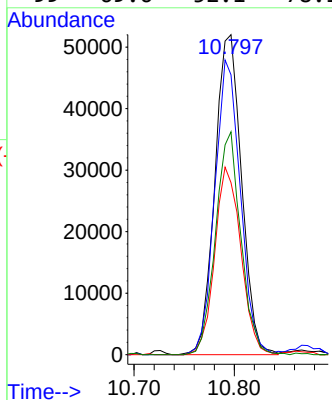
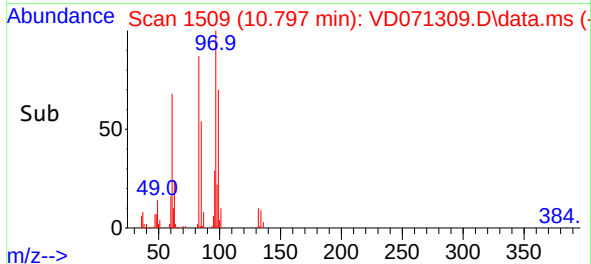
#55
1,1,2-Trichloroethane
Concen: 58.052 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

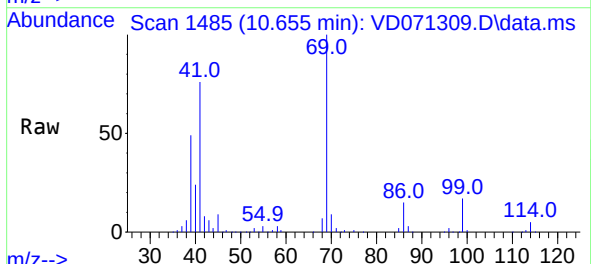


Tgt Ion: 97 Resp: 95962

Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.2	97.8
85	53.7	43.4	65.0
99	69.6	52.1	78.1

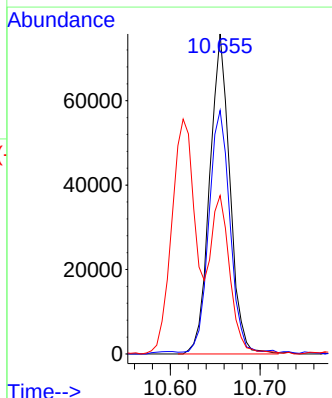
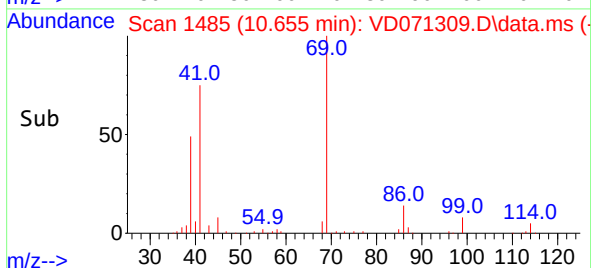


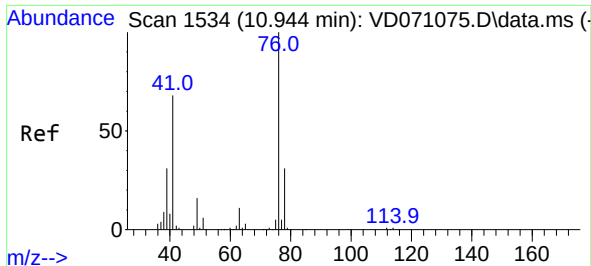
#56
Ethyl methacrylate
Concen: 49.793 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08



Tgt Ion: 69 Resp: 118428

Ion	Ratio	Lower	Upper
69	100		
41	78.1	50.2	75.2#
39	47.3	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 59.306 ug/l

RT: 10.938 min Scan# 1534

Delta R.T. -0.006 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

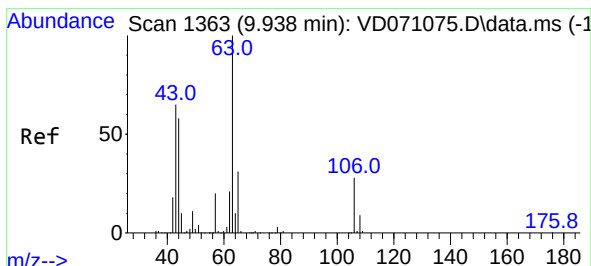
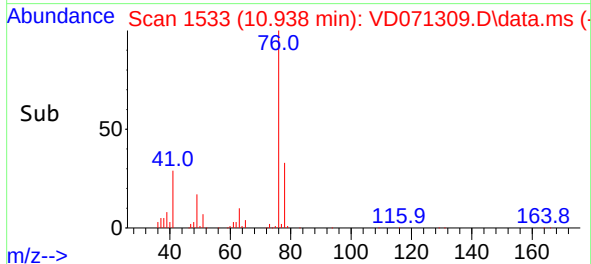
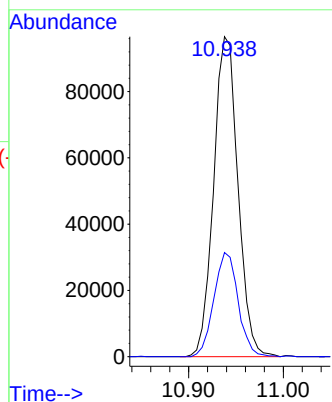
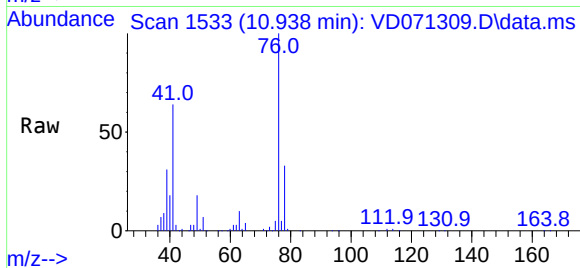
ClientSampleId :

Tgt Ion: 76 Resp: 172220

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 288.829 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071309.D

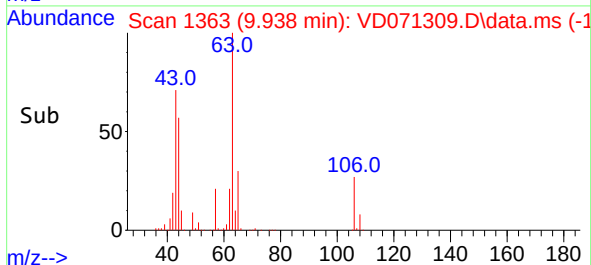
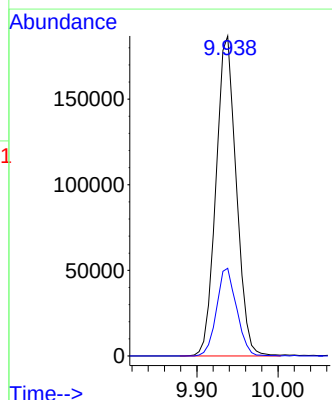
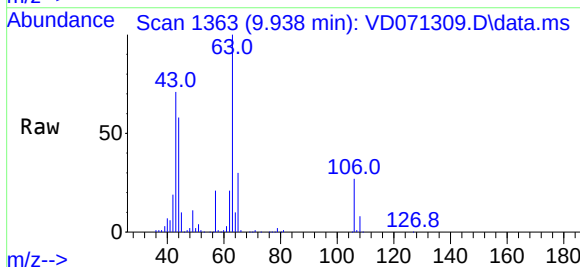
Acq: 14 Dec 2021 09:08

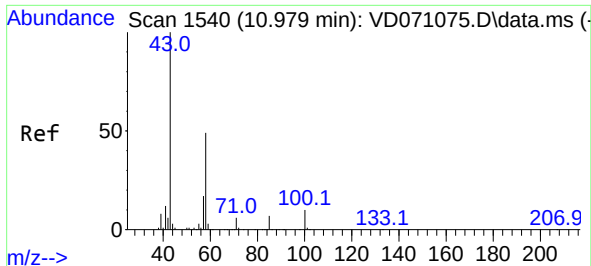
Tgt Ion: 63 Resp: 324894

Ion Ratio Lower Upper

63 100

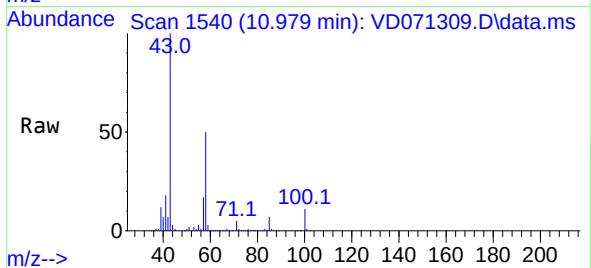
106 27.0 21.0 31.4



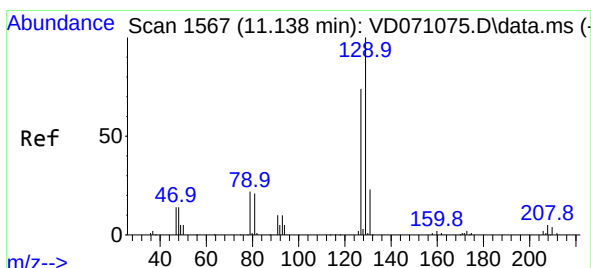
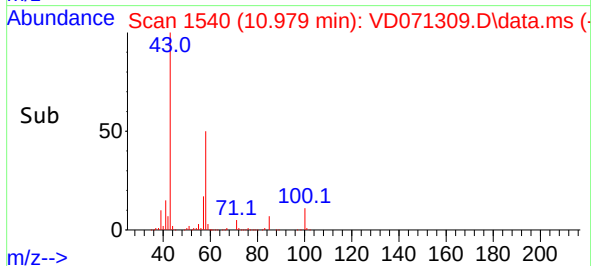
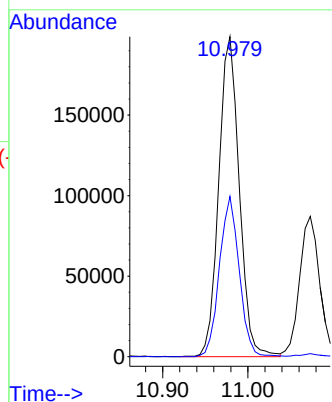


#59
2-Hexanone
Concen: 264.414 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

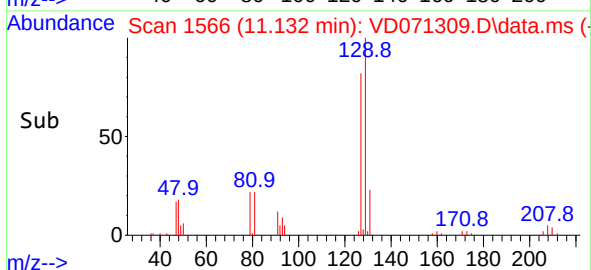
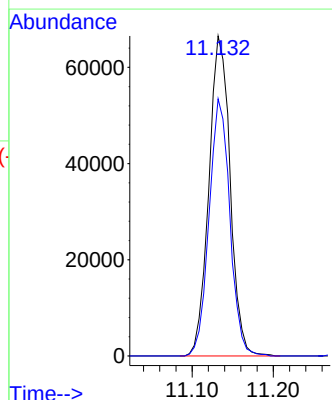
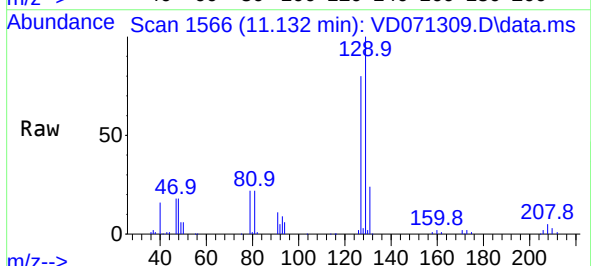


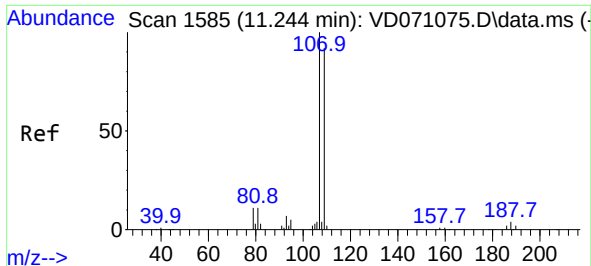
Tgt Ion: 43 Resp: 332851
Ion Ratio Lower Upper
43 100
58 48.3 28.7 86.1



#60
Dibromochloromethane
Concen: 58.881 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 129 Resp: 120971
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

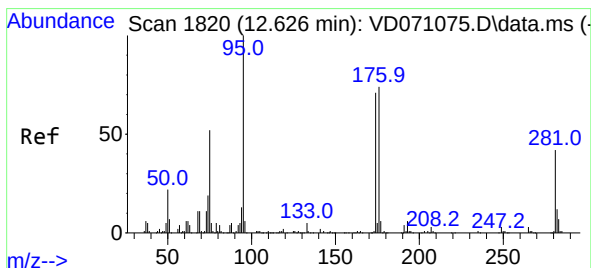
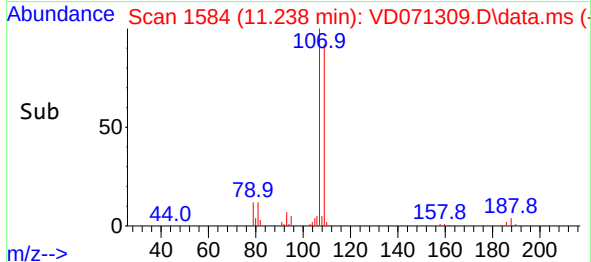
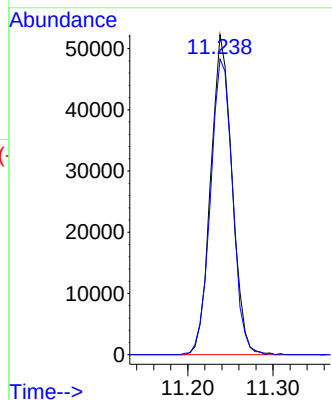
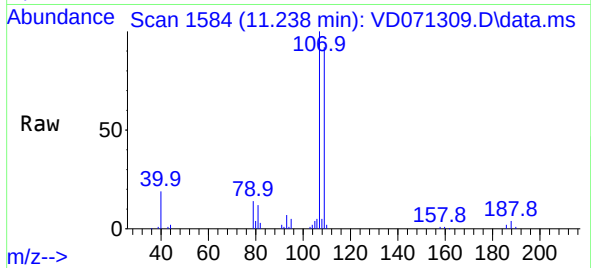




#61
1,2-Dibromoethane
Concen: 57.267 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

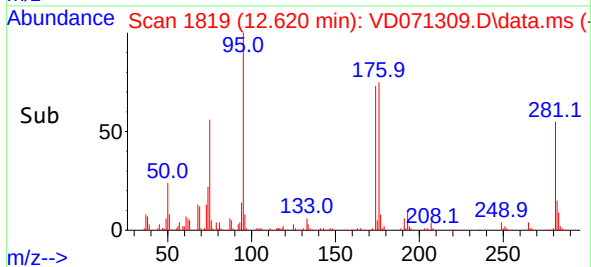
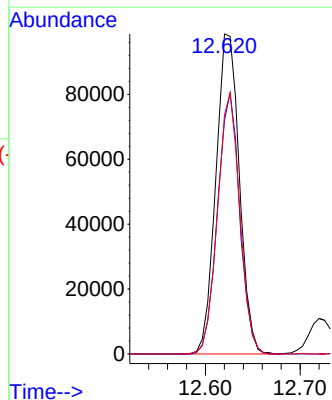
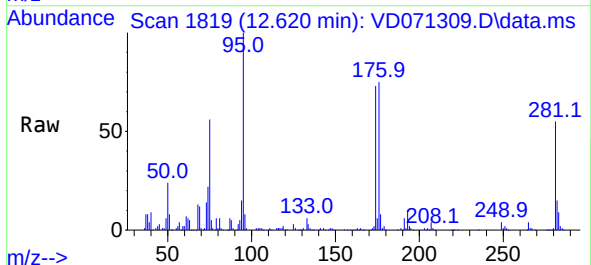
Instrument :
MSVOA_D
ClientSampleId :

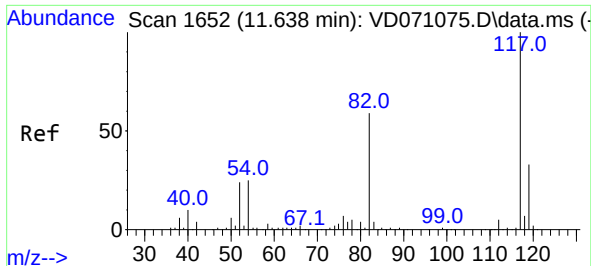
Tgt Ion:107 Resp: 90917
Ion Ratio Lower Upper
107 100
109 95.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.552 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 95 Resp: 169757
Ion Ratio Lower Upper
95 100
174 76.9 0.0 159.4
176 77.2 0.0 154.0

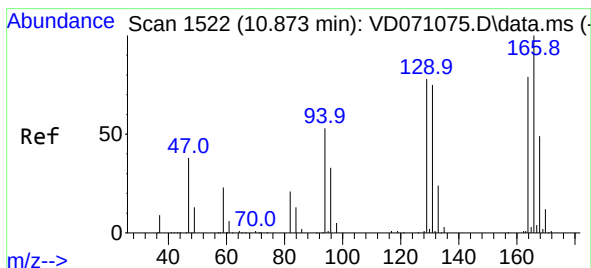
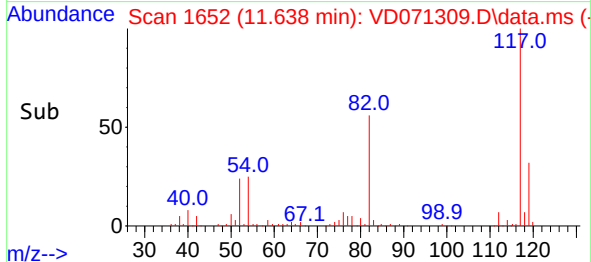
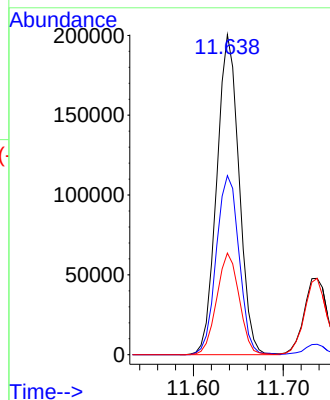
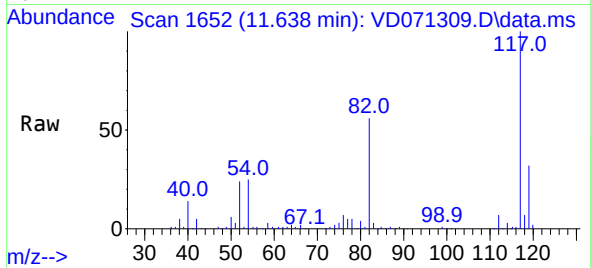




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

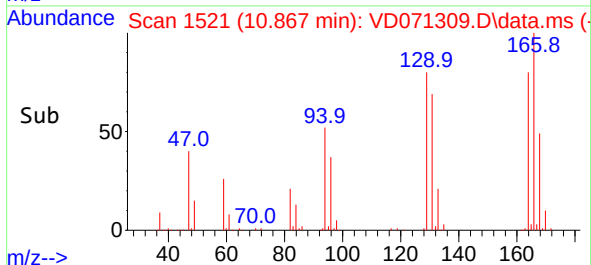
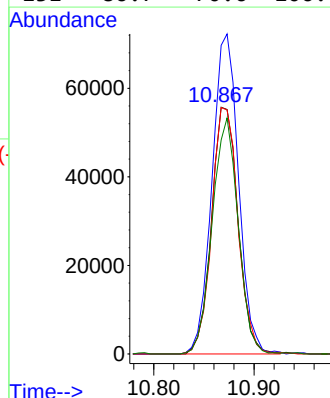
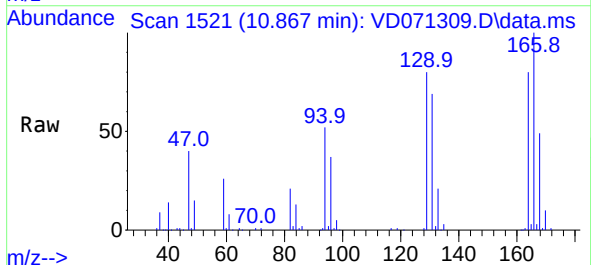
Instrument :
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ClientSampleId :

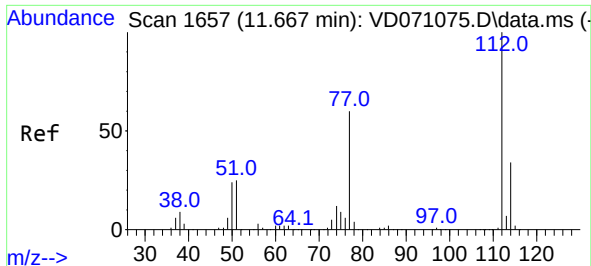
Tgt Ion:117 Resp: 345732
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.7 26.2 39.4



#64
Tetrachloroethene
Concen: 46.620 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

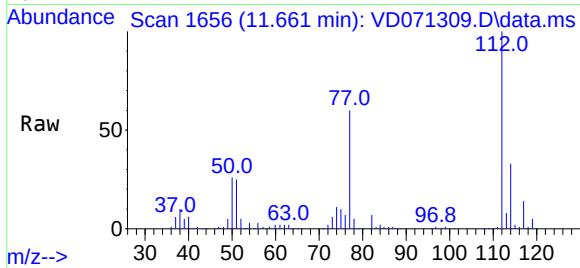
Tgt Ion:164 Resp: 102325
Ion Ratio Lower Upper
164 100
166 125.0 102.6 153.8
129 99.9 75.4 113.0
131 86.7 70.6 106.0



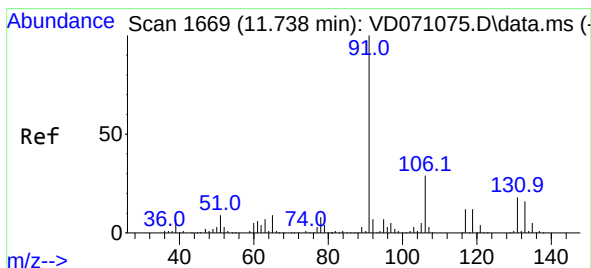
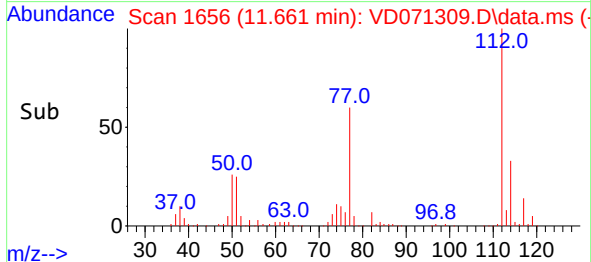
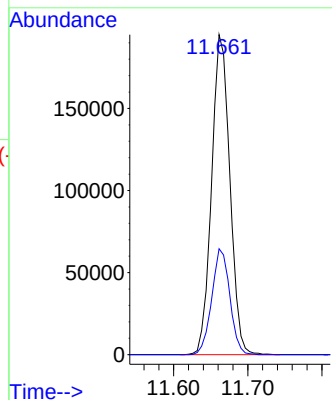


#65
Chlorobenzene
Concen: 51.924 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

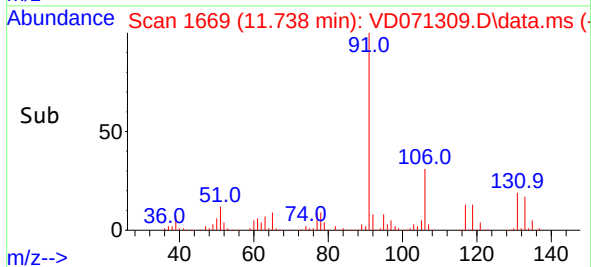
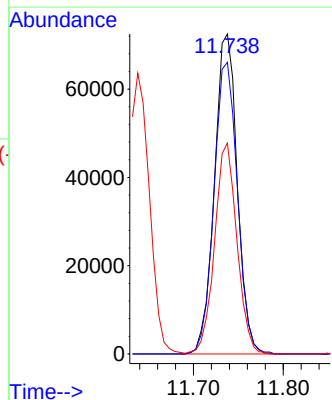
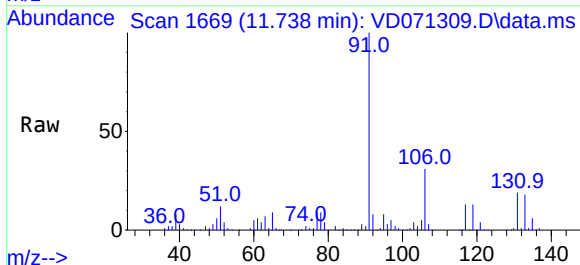


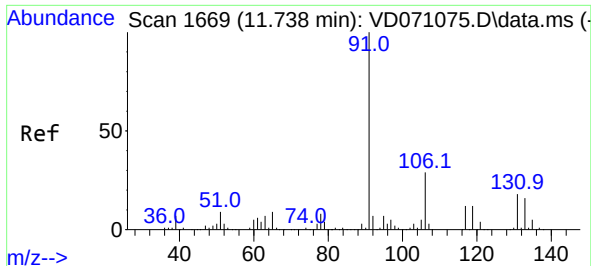
Tgt Ion:112 Resp: 333084
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.595 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:131 Resp: 127872
Ion Ratio Lower Upper
131 100
133 93.8 48.0 144.0
119 64.5 33.5 100.4

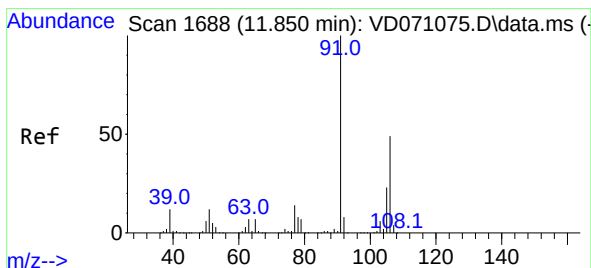
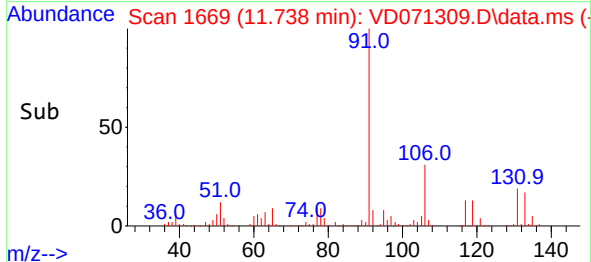
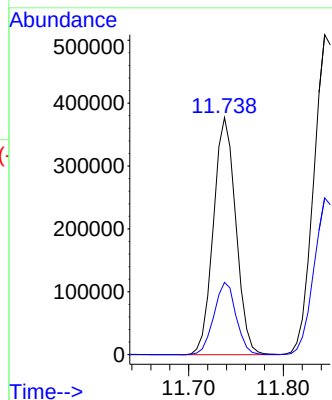
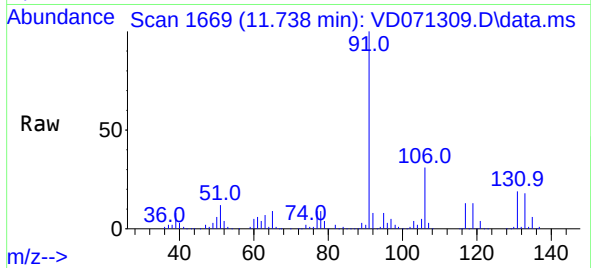




#67
Ethyl Benzene
Concen: 51.494 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

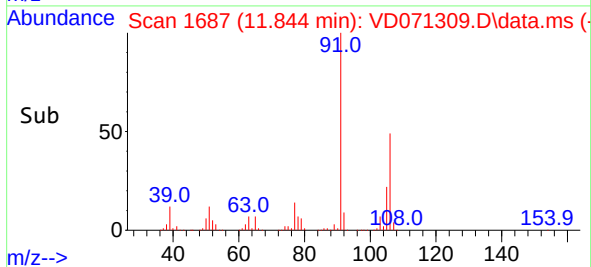
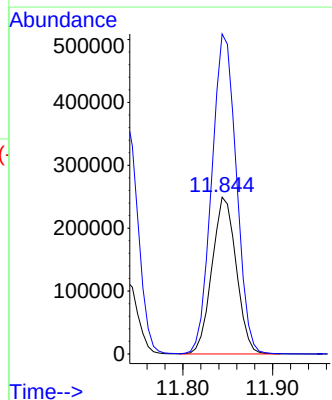
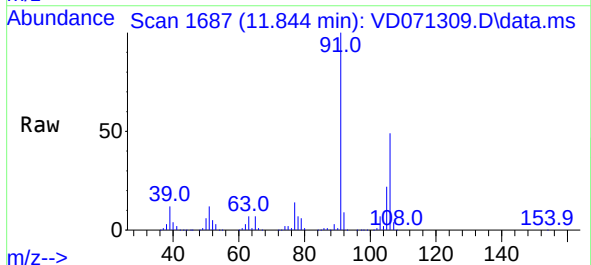
Instrument :
MSVOA_D
ClientSampleId :

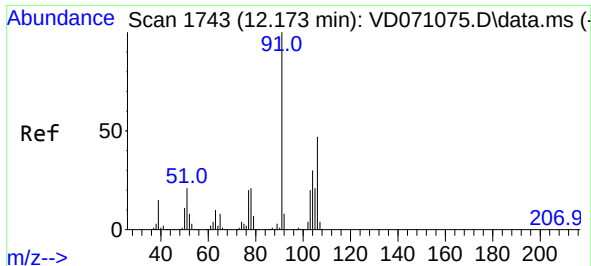
Tgt Ion: 91 Resp: 621845
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 102.685 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 106 Resp: 468152
Ion Ratio Lower Upper
106 100
91 207.1 160.1 240.1

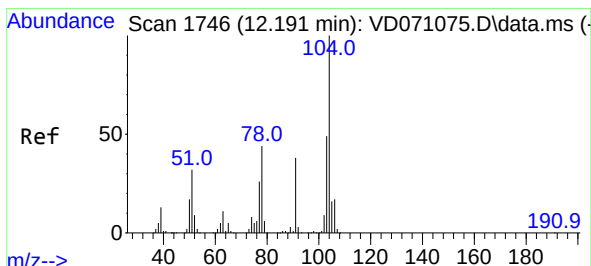
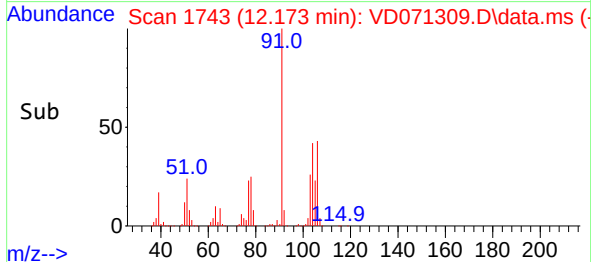
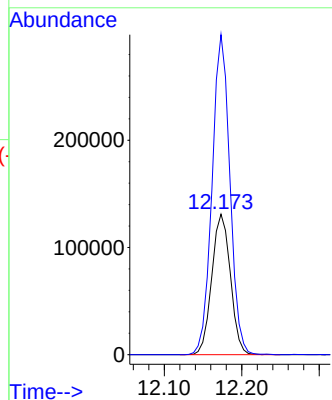
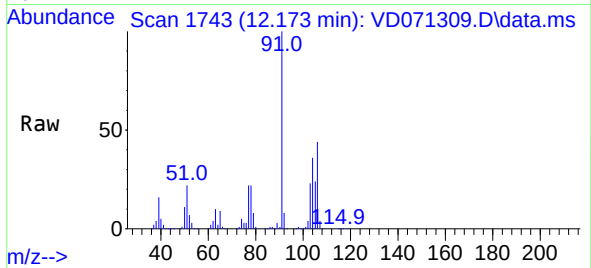




#69
o-Xylene
Concen: 51.019 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

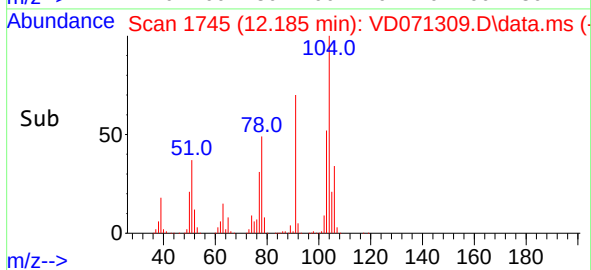
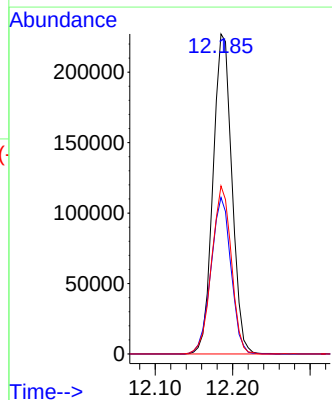
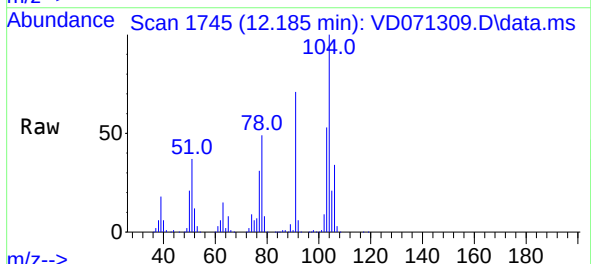
Instrument :
MSVOA_D
ClientSampleId :

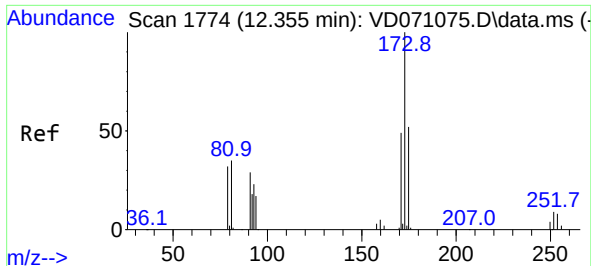
Tgt Ion:106 Resp: 218616
Ion Ratio Lower Upper
106 100
91 218.8 106.3 319.0



#70
Styrene
Concen: 53.376 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:104 Resp: 385472
Ion Ratio Lower Upper
104 100
78 51.8 39.4 59.0
103 54.6 43.4 65.0

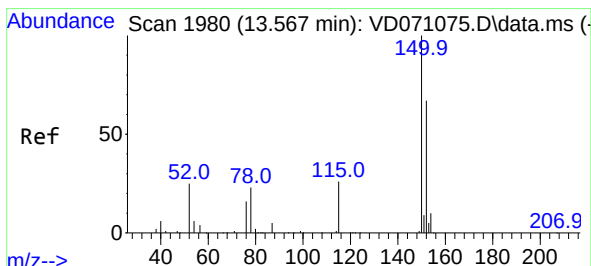
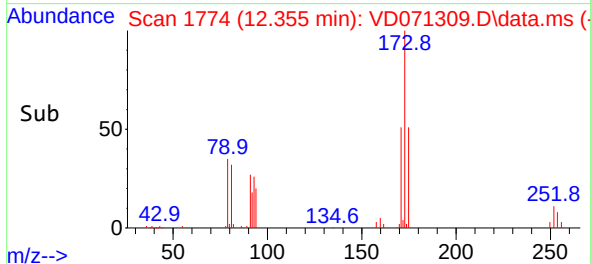
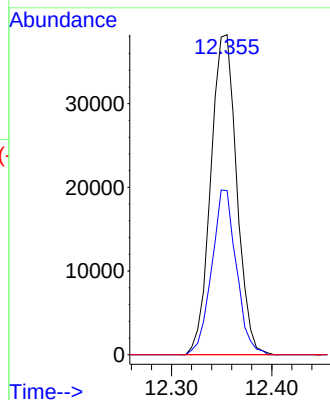
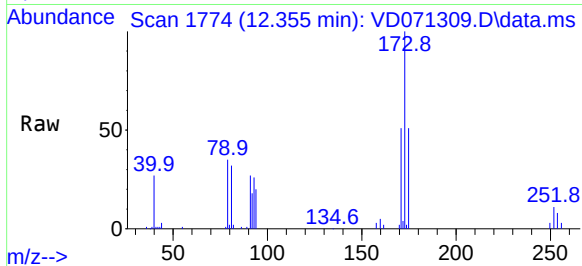




#71
Bromoform
Concen: 56.514 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

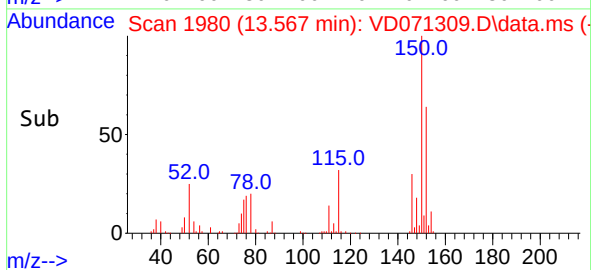
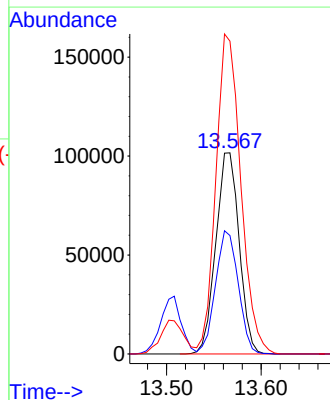
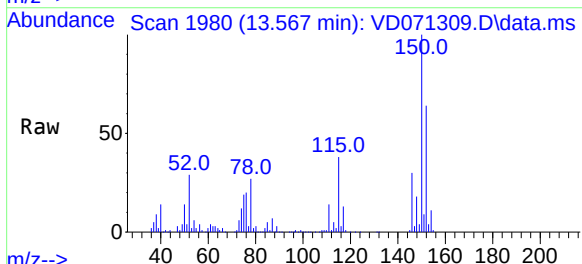
Instrument :
MSVOA_D
ClientSampleId :

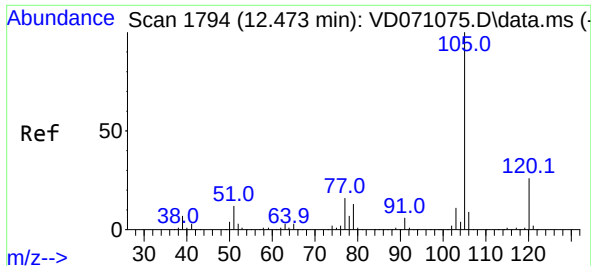
Tgt Ion:173 Resp: 68575
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:152 Resp: 174169
Ion Ratio Lower Upper
152 100
115 59.8 29.8 89.3
150 169.6 0.0 349.2

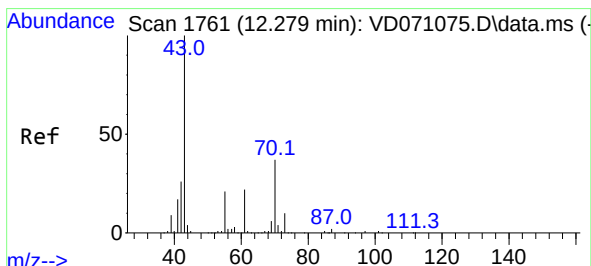
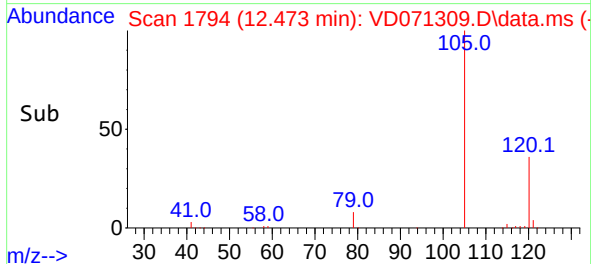
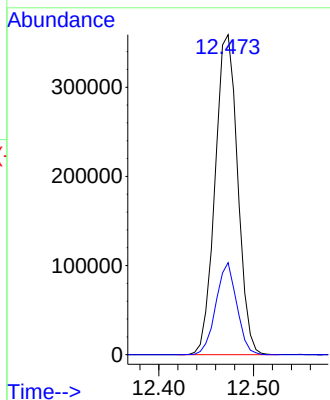
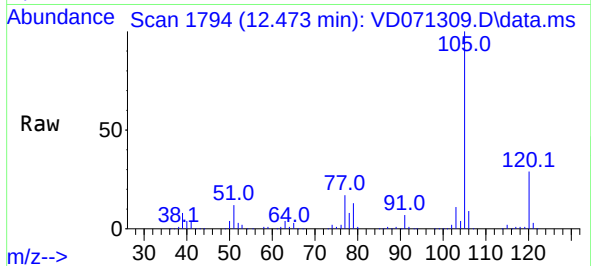




#73
Isopropylbenzene
Concen: 47.233 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

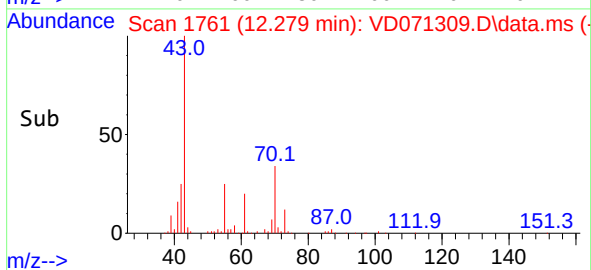
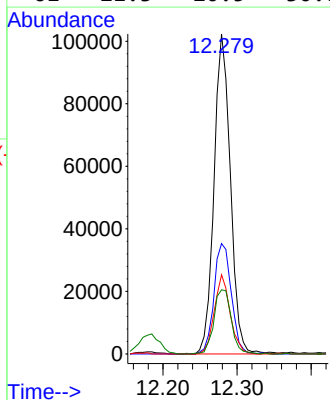
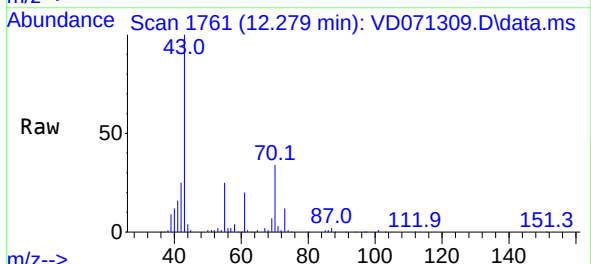
Instrument :
MSVOA_D
ClientSampleId :

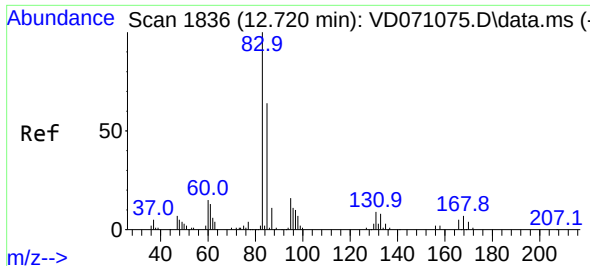
Tgt Ion:105 Resp: 595665
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#74
N-ethyl acetate
Concen: 46.013 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 43 Resp: 157100
Ion Ratio Lower Upper
43 100
70 36.5 36.6 55.0#
55 24.0 22.5 33.7
61 21.3 20.5 30.7

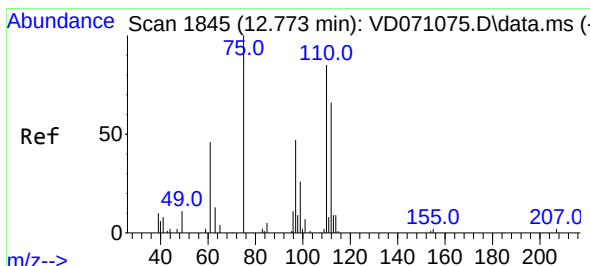
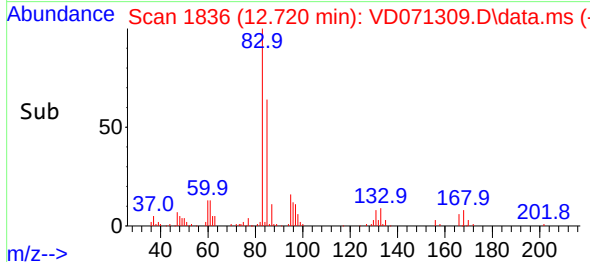
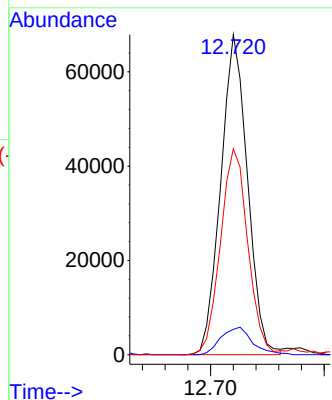
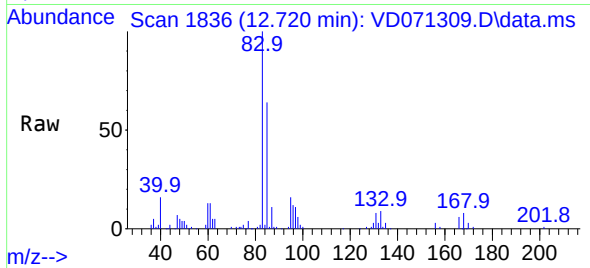




#75
1,1,2,2-Tetrachloroethane
Concen: 53.456 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

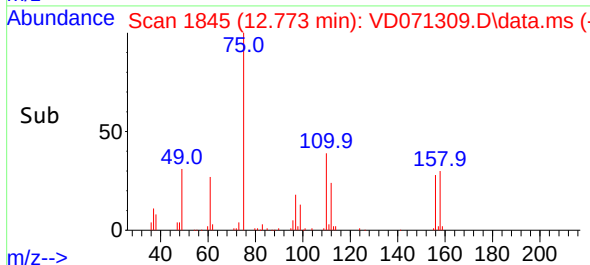
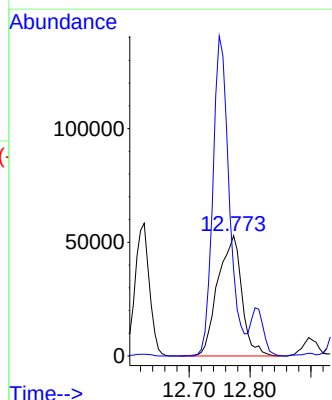
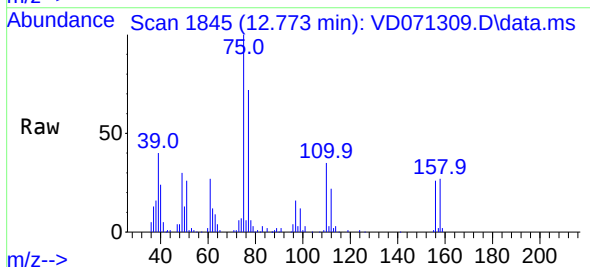
Instrument :
MSVOA_D
ClientSampleId :

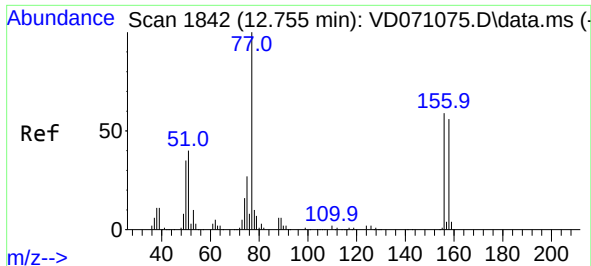
Tgt Ion: 83 Resp: 111018
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 66.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 87.441 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 75 Resp: 145101
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

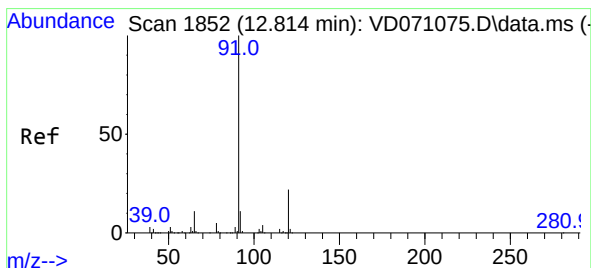
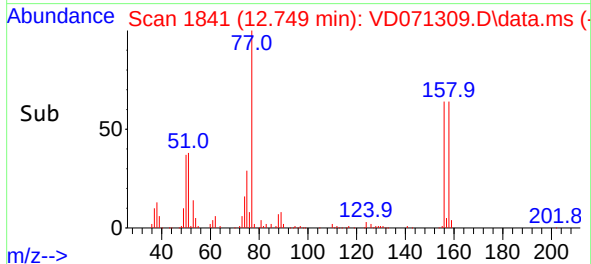
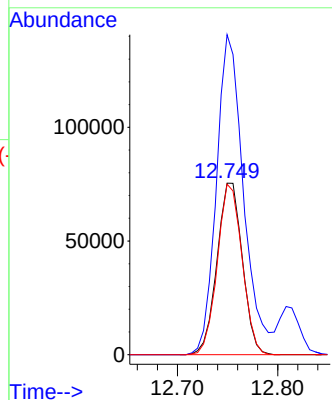
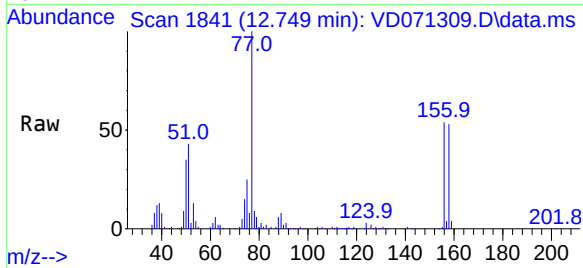




#77
Bromobenzene
Concen: 48.460 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

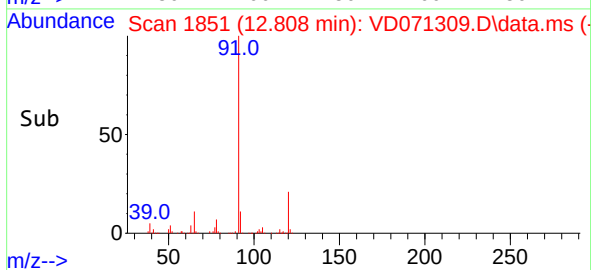
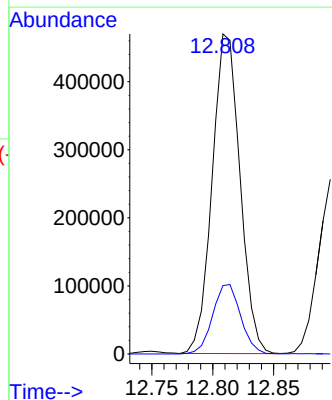
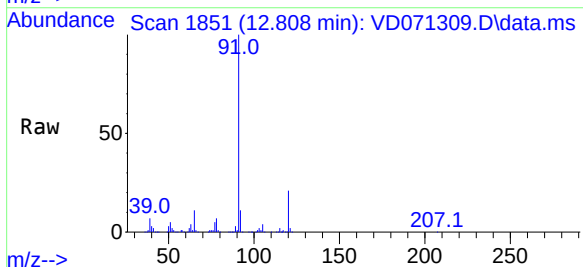
Instrument :
MSVOA_D
ClientSampleId :

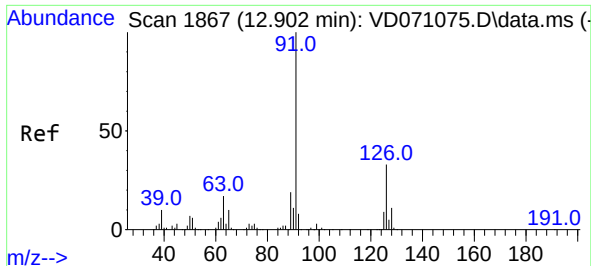
Tgt Ion:156 Resp: 132373
Ion Ratio Lower Upper
156 100
77 197.9 96.6 289.8
158 96.9 49.1 147.4



#78
n-propylbenzene
Concen: 47.565 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 91 Resp: 747020
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9

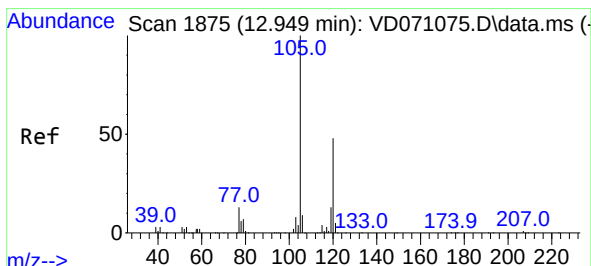
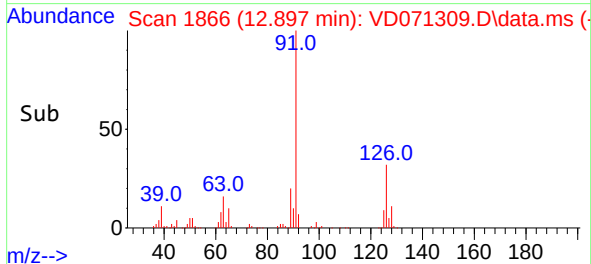
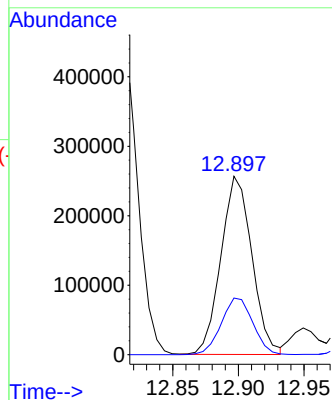
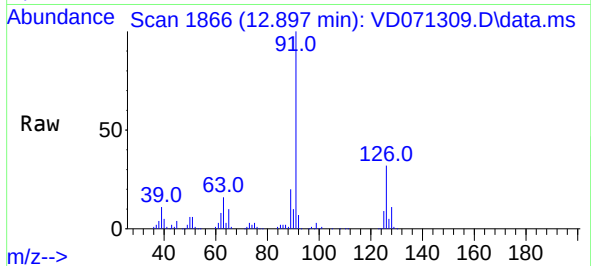




#79
2-Chlorotoluene
Concen: 47.874 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

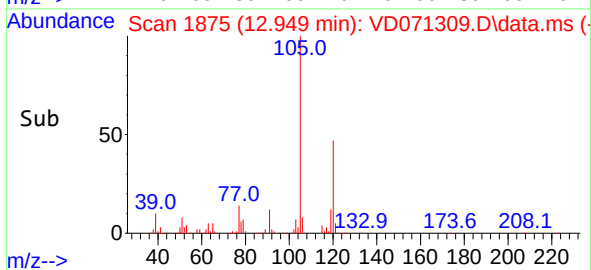
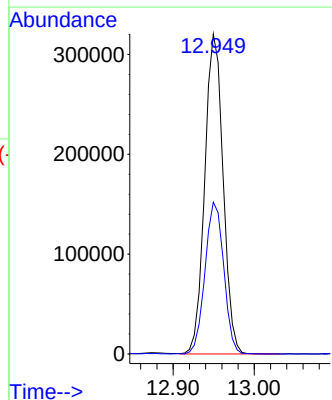
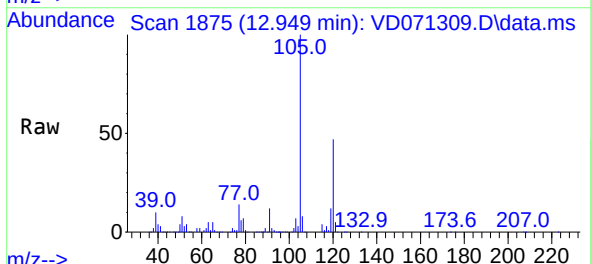
Instrument :
MSVOA_D
ClientSampleId :

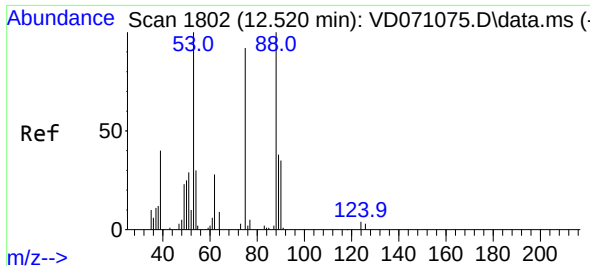
Tgt Ion: 91 Resp: 421996
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 48.343 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 105 Resp: 502741
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.8

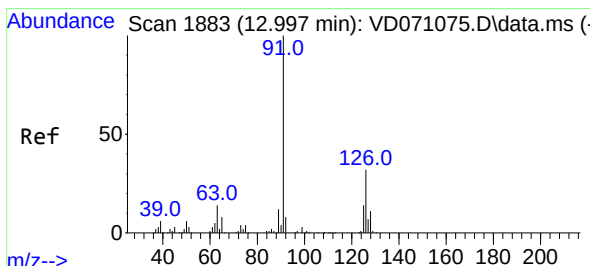
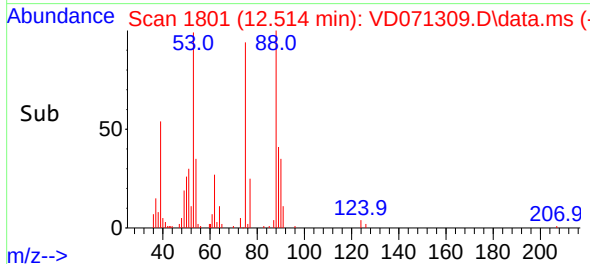
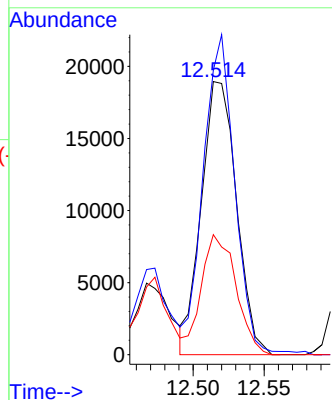
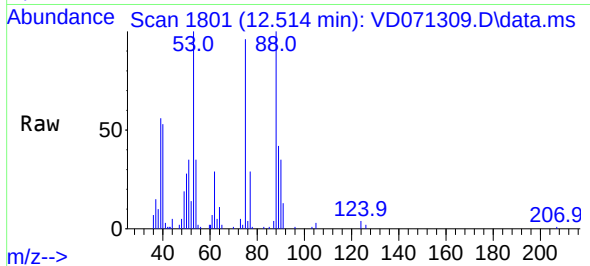




#81
trans-1,4-Dichloro-2-butene
Concen: 46.345 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

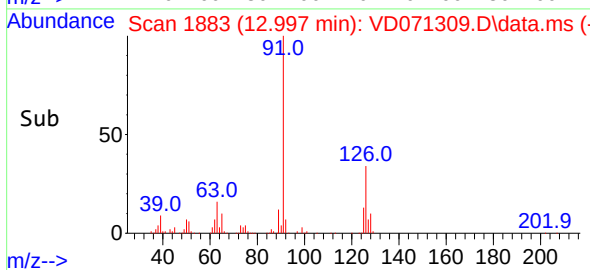
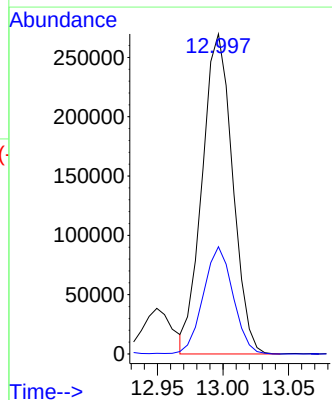
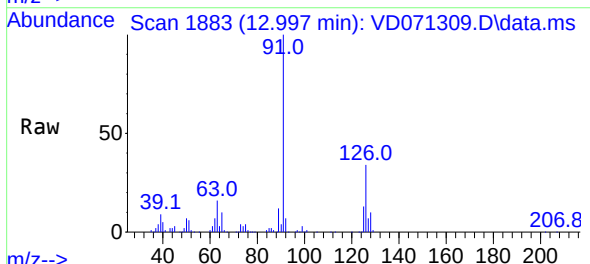
Instrument :
MSVOA_D
ClientSampleId :

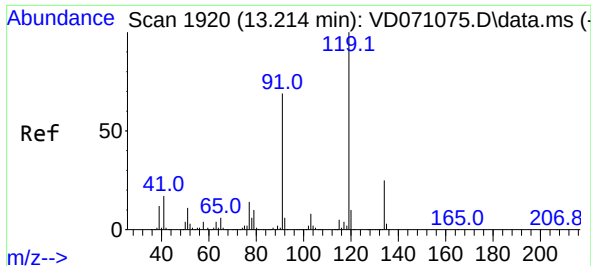
Tgt Ion: 75 Resp: 32542
Ion Ratio Lower Upper
75 100
53 105.3 62.6 94.0#
89 43.7 34.5 51.7



#82
4-Chlorotoluene
Concen: 47.617 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

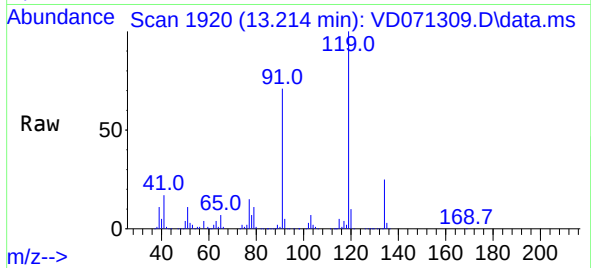
Tgt Ion: 91 Resp: 435744
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1



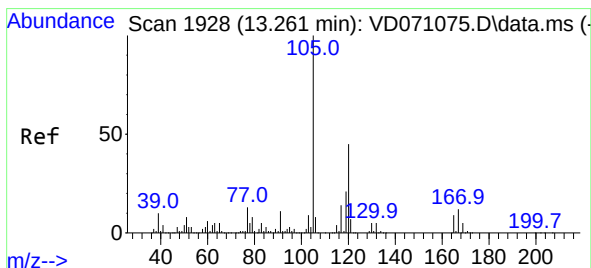
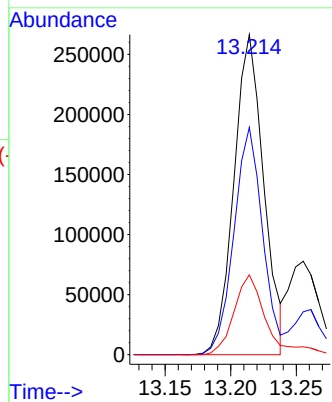
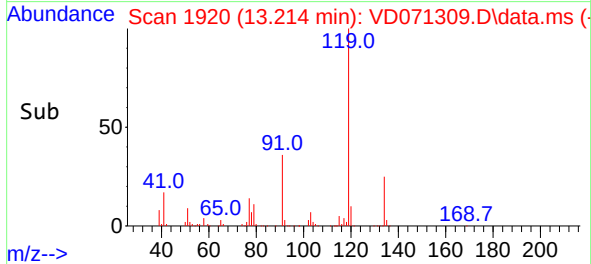


#83
tert-Butylbenzene
Concen: 47.278 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

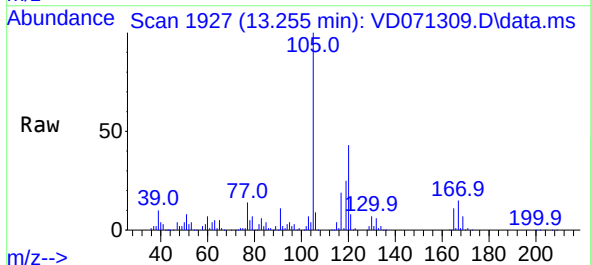
Instrument :
MSVOA_D
ClientSampleId :



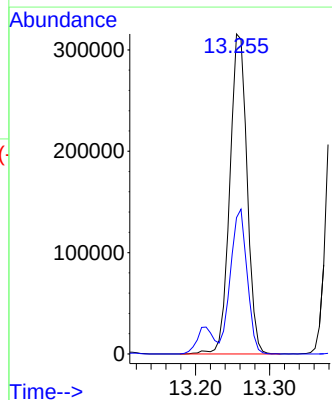
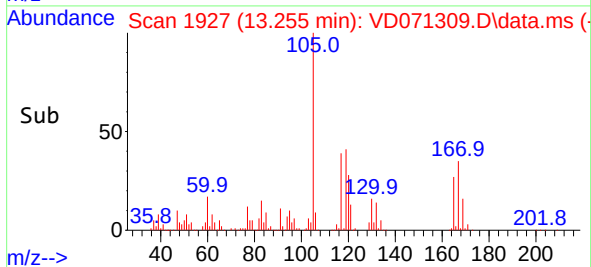
Tgt Ion:119 Resp: 422248
Ion Ratio Lower Upper
119 100
91 69.6 32.5 97.5
134 26.7 13.2 39.6

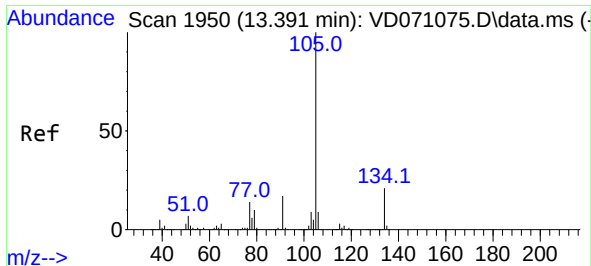


#84
1,2,4-Trimethylbenzene
Concen: 50.145 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08



Tgt Ion:105 Resp: 509131
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.7

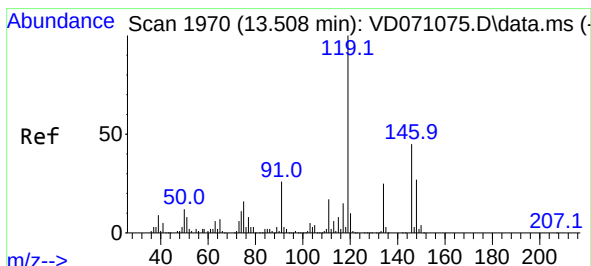
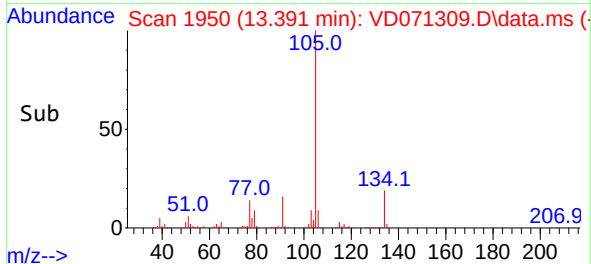
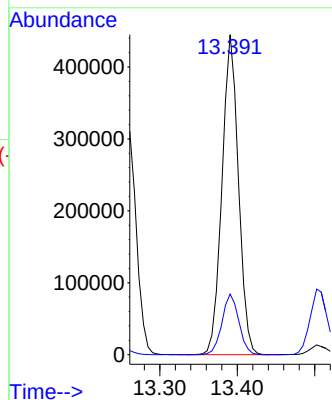
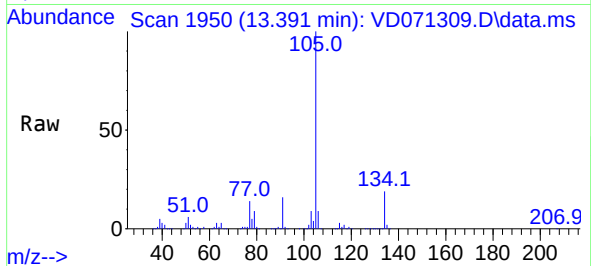




#85
 sec-Butylbenzene
 Concen: 48.174 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

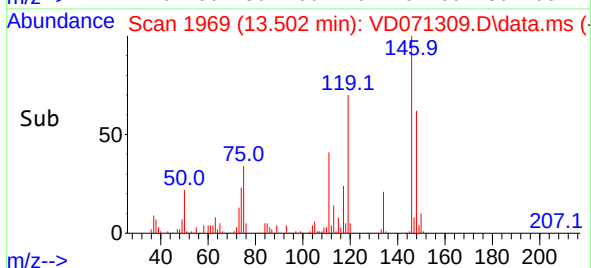
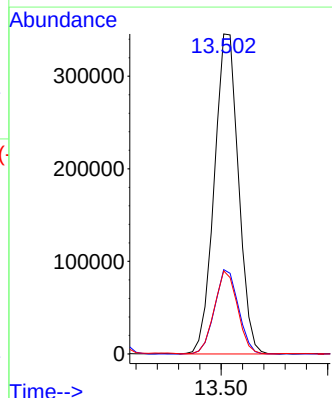
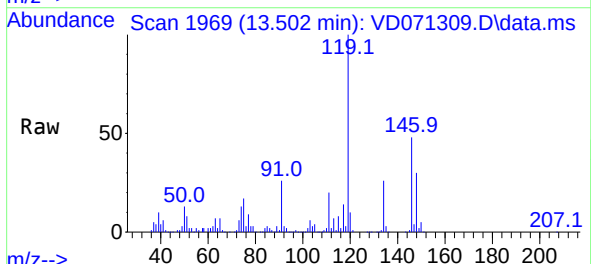
Instrument :
 MSVOA_D
 ClientSampleId :

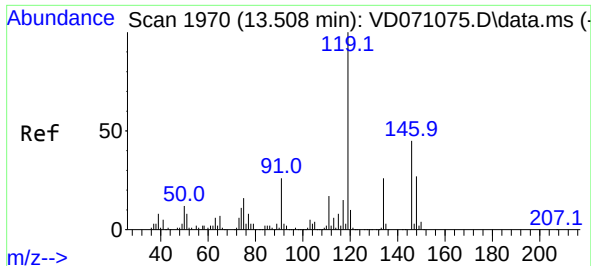
Tgt Ion:105 Resp: 657141
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 48.720 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071309.D
 Acq: 14 Dec 2021 09:08

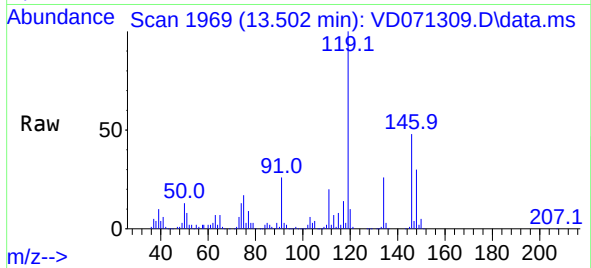
Tgt Ion:119 Resp: 543558
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.7 11.4 34.2



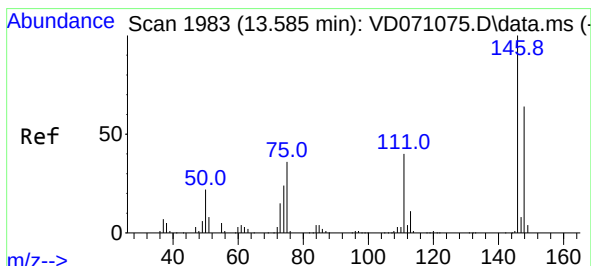
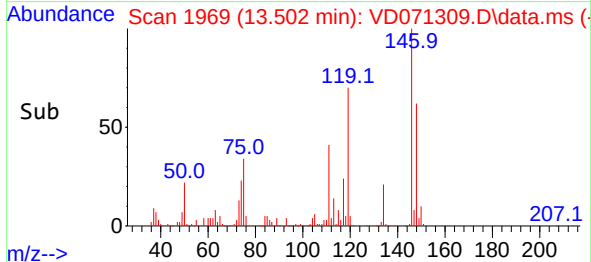
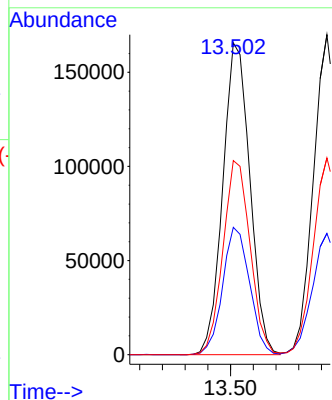


#87
1,3-Dichlorobenzene
Concen: 50.432 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

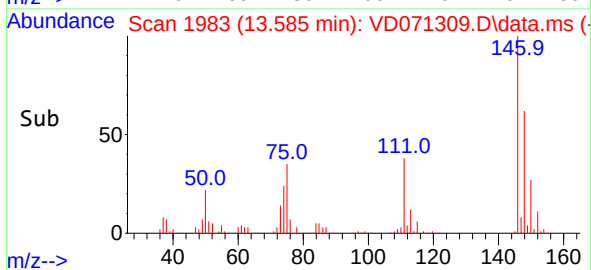
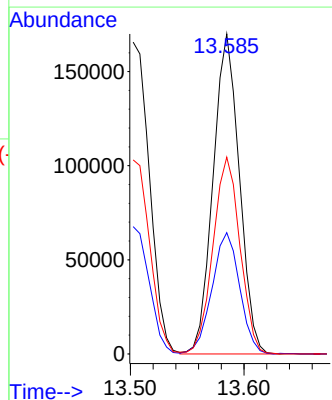
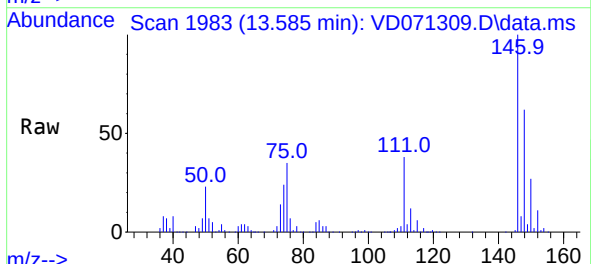


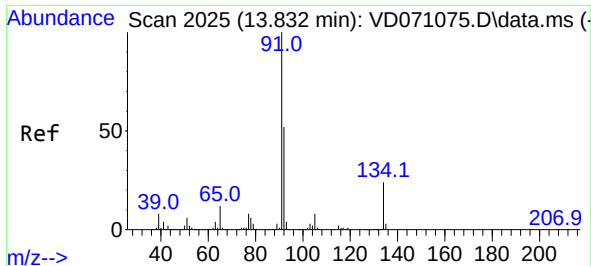
Tgt Ion:146 Resp: 274231
Ion Ratio Lower Upper
146 100
111 40.7 19.8 59.4
148 62.6 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 50.653 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:146 Resp: 272884
Ion Ratio Lower Upper
146 100
111 40.0 19.6 58.8
148 63.3 31.5 94.5

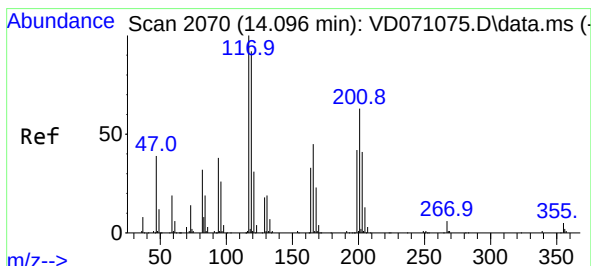
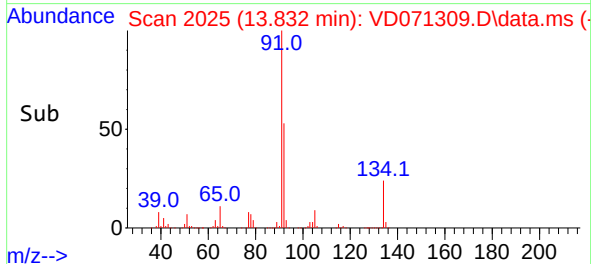
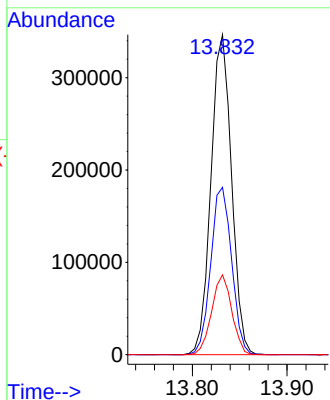
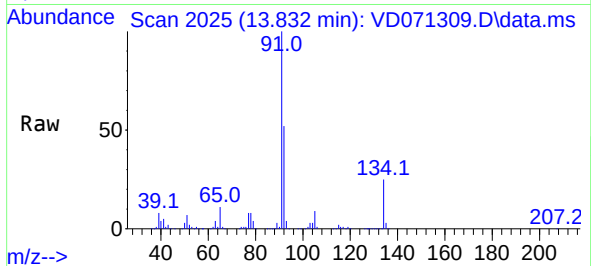




#89
n-Butylbenzene
Concen: 48.003 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

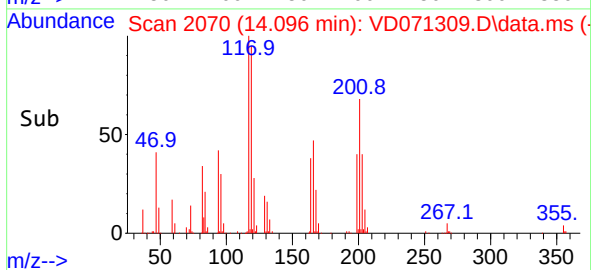
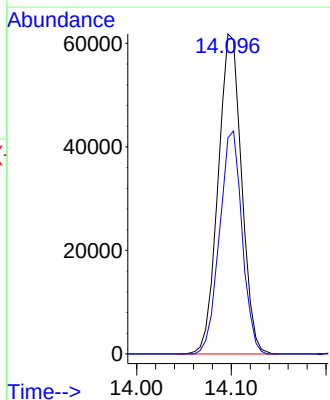
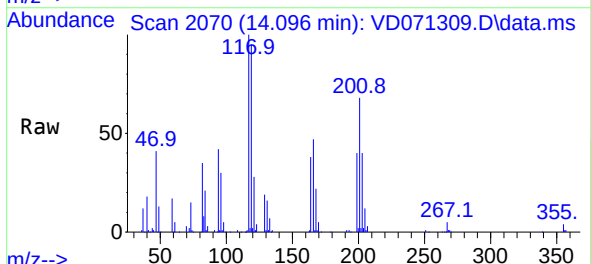
Instrument :
MSVOA_D
ClientSampleId :

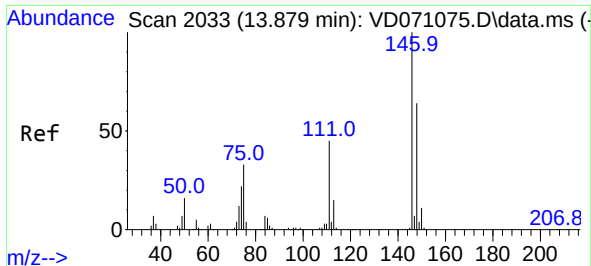
Tgt Ion: 91 Resp: 522807
Ion Ratio Lower Upper
91 100
92 53.2 27.3 81.9
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 50.343 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion: 117 Resp: 106473
Ion Ratio Lower Upper
117 100
201 66.9 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 51.159 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

Instrument :

MSVOA_D

ClientSampleId :

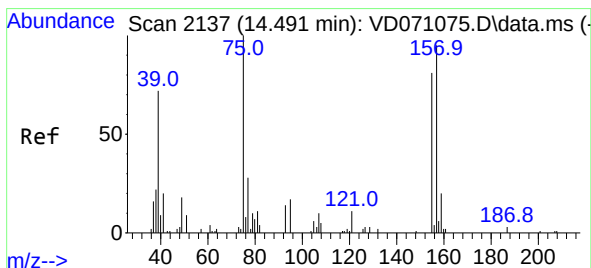
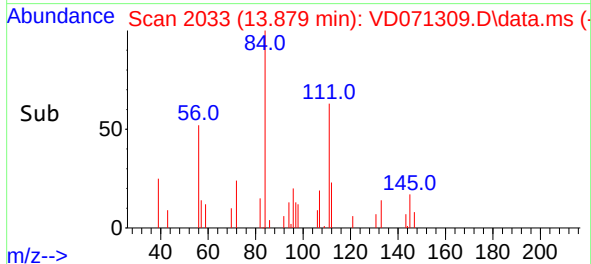
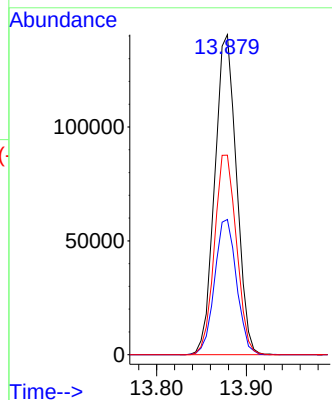
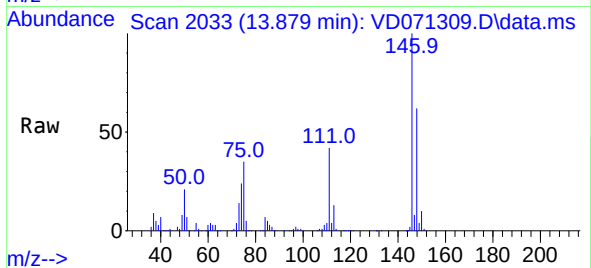
Tgt Ion:146 Resp: 236569

Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.2

148 63.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.543 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD071309.D

Acq: 14 Dec 2021 09:08

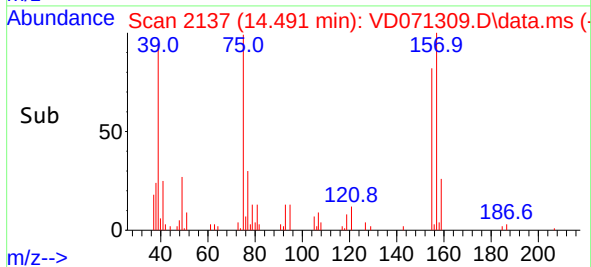
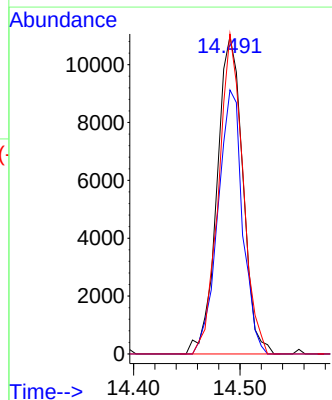
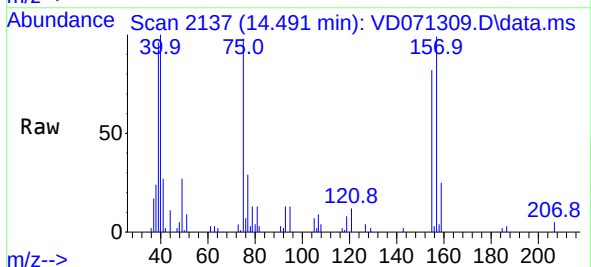
Tgt Ion: 75 Resp: 18447

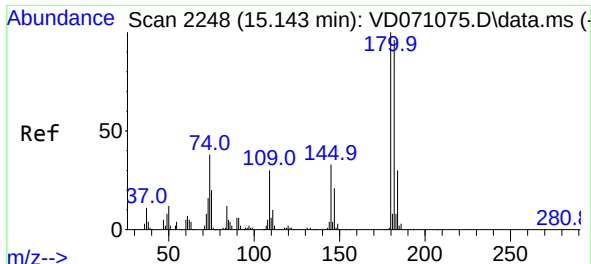
Ion Ratio Lower Upper

75 100

155 79.6 40.0 120.0

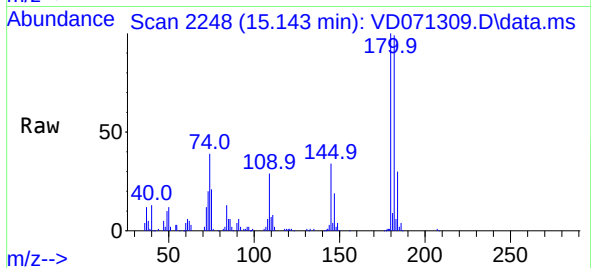
157 94.7 49.8 149.3



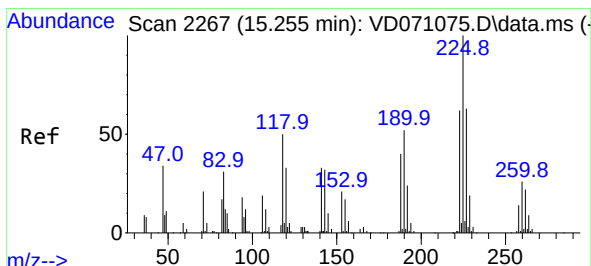
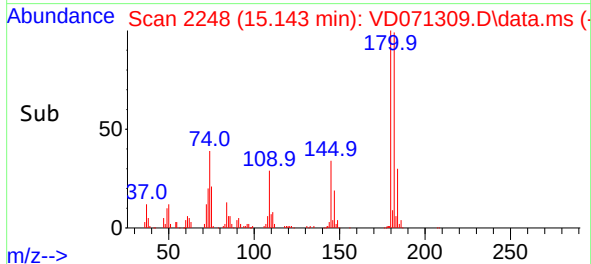
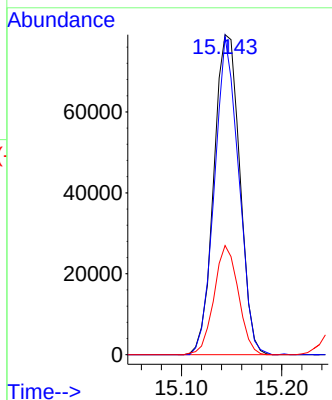


#93
1,2,4-Trichlorobenzene
Concen: 49.169 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

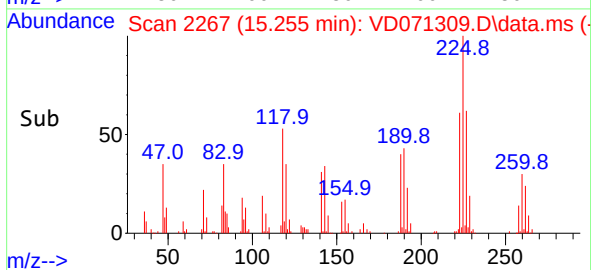
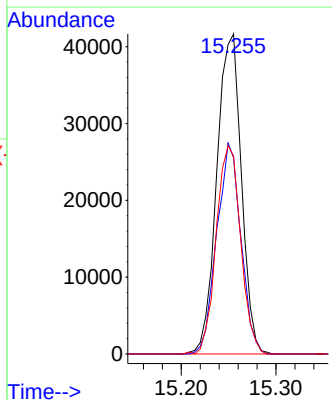
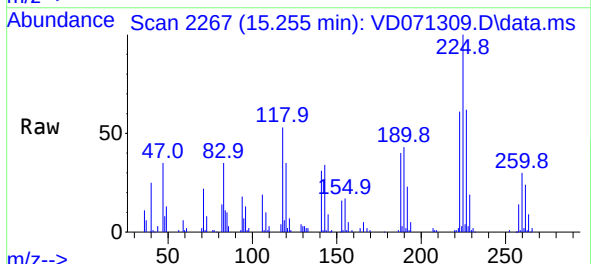


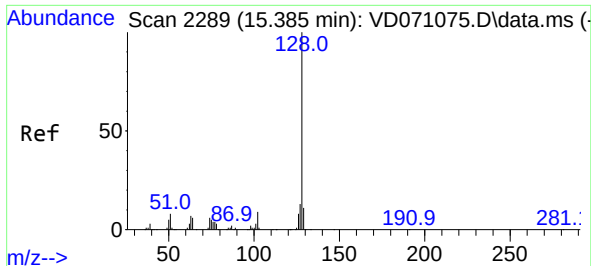
Tgt Ion:180 Resp: 141824
Ion Ratio Lower Upper
180 100
182 92.6 48.2 144.6
145 32.1 15.4 46.2



#94
Hexachlorobutadiene
Concen: 46.011 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:225 Resp: 75091
Ion Ratio Lower Upper
225 100
223 64.7 31.8 95.3
227 64.7 31.6 94.8

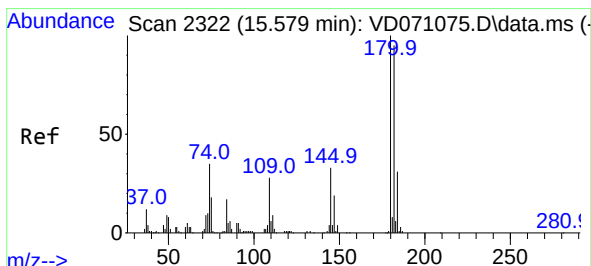
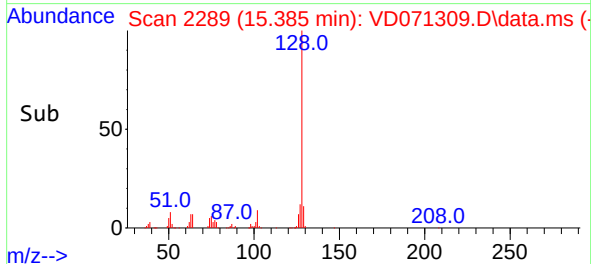
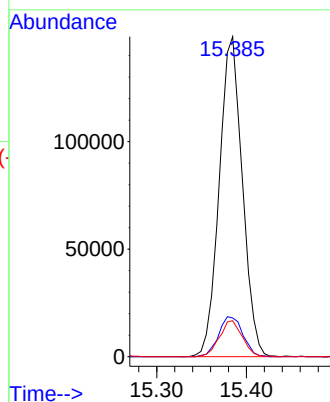
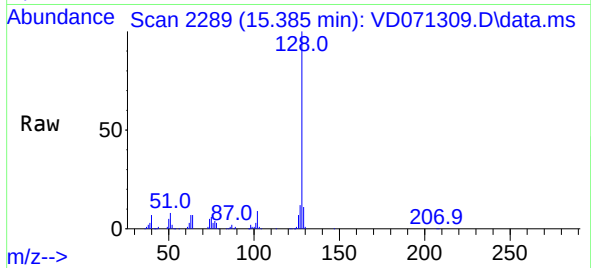




#95
Naphthalene
Concen: 52.292 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 265893
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.976 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071309.D
Acq: 14 Dec 2021 09:08

Tgt Ion:180 Resp: 122436
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.1
145 34.2 15.9 47.6

