

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071378.D
 Acq On : 17 Dec 2021 11:43
 Operator : VA/SY
 Sample : VD1217SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 19 01:51:10 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	7.973	168	238122	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	402728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	386727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	200823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162780	58.259	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.520%	
35) Dibromofluoromethane	7.909	113	149740	58.389	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.780%	
50) Toluene-d8	10.332	98	497041	50.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	12.620	95	191809	56.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	43918	21.628	ug/l	98
3) Chloromethane	2.209	50	63889	23.782	ug/l	99
4) Vinyl Chloride	2.350	62	75571	25.214	ug/l	98
5) Bromomethane	2.750	94	55965	25.903	ug/l	91
6) Chloroethane	2.909	64	55200	26.778	ug/l #	85
7) Trichlorofluoromethane	3.268	101	88499	21.797	ug/l	94
8) Diethyl Ether	3.703	74	24550	22.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	53939	22.518	ug/l	93
10) Methyl Iodide	4.297	142	39377	17.411	ug/l	95
11) Tert butyl alcohol	5.209	59	35976	183.011	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	45165	20.431	ug/l	97
13) Acrolein	3.921	56	19453	101.881	ug/l	100
14) Allyl chloride	4.715	41	82977	19.762	ug/l #	78
15) Acrylonitrile	5.426	53	70831	132.319	ug/l	97
16) Acetone	4.156	43	77000	121.795	ug/l #	77
17) Carbon Disulfide	4.409	76	116524	18.004	ug/l	96
18) Methyl Acetate	4.715	43	55410	26.878	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	119712	22.097	ug/l	98
20) Methylene Chloride	4.968	84	77560	25.458	ug/l	94
21) trans-1,2-Dichloroethene	5.468	96	51150	20.555	ug/l	95
22) Diisopropyl ether	6.362	45	186292	22.144	ug/l	90
23) Vinyl Acetate	6.303	43	360576	97.849	ug/l	96
24) 1,1-Dichloroethane	6.262	63	107133	22.141	ug/l	98
25) 2-Butanone	7.209	43	97566	129.302	ug/l #	86
26) 2,2-Dichloropropane	7.209	77	83976	19.086	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	58178	20.666	ug/l	89
28) Bromochloromethane	7.544	49	53484	25.449	ug/l	87
29) Tetrahydrofuran	7.561	42	58091	130.932	ug/l	94
30) Chloroform	7.709	83	109295	22.507	ug/l	99
31) Cyclohexane	7.991	56	89763	18.887	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	95768	21.966	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	79035	20.998	ug/l	97
37) Ethyl Acetate	7.291	43	43323	26.645	ug/l #	77
38) Carbon Tetrachloride	8.097	117	82946	22.355	ug/l	96
39) Methylcyclohexane	9.350	83	87184	19.257	ug/l	94
40) Benzene	8.350	78	215176	21.046	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	24864	34.194	ug/l #	52
42) 1,2-Dichloroethane	8.420	62	74360	23.827	ug/l	96
43) Isopropyl Acetate	8.444	43	78650	24.910	ug/l #	89
44) Trichloroethene	9.103	130	57994	21.274	ug/l	99
45) 1,2-Dichloropropane	9.385	63	58932	21.918	ug/l #	88
46) Dibromomethane	9.467	93	32504	23.301	ug/l	94
47) Bromodichloromethane	9.656	83	84826	22.993	ug/l	93
48) Methyl methacrylate	9.450	41	36784	23.112	ug/l #	84
49) 1,4-Dioxane	9.450	88	7266	539.588	ug/l #	81
51) 4-Methyl-2-Pentanone	10.220	43	212092	132.149	ug/l	89
52) Toluene	10.397	92	135122	20.829	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	75107	22.143	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	87052	21.606	ug/l #	84
55) 1,1,2-Trichloroethane	10.791	97	44456	24.293	ug/l	92
56) Ethyl methacrylate	10.655	69	51927	23.327	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	77288	24.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	174797	140.367	ug/l	97
59) 2-Hexanone	10.973	43	152424	129.648	ug/l	88
60) Dibromochloromethane	11.132	129	55169	24.256	ug/l	96
61) 1,2-Dibromoethane	11.238	107	42980	24.455	ug/l	97
64) Tetrachloroethene	10.867	164	45913	18.701	ug/l	96
65) Chlorobenzene	11.661	112	147012	20.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	56318	21.496	ug/l	99
67) Ethyl Benzene	11.738	91	261554	19.363	ug/l	99
68) m/p-Xylenes	11.844	106	197100	38.649	ug/l	96
69) o-Xylene	12.173	106	92480	19.294	ug/l	97
70) Styrene	12.185	104	159762	19.777	ug/l	96
71) Bromoform	12.355	173	32454	23.911	ug/l #	100
73) Isopropylbenzene	12.473	105	252796	17.385	ug/l	97
74) N-amyl acetate	12.279	43	68360	20.914	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.714	83	54164	22.619	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	65820	34.400	ug/l #	1
77) Bromobenzene	12.749	156	57816	18.357	ug/l	95
78) n-propylbenzene	12.814	91	324031	17.894	ug/l	100
79) 2-Chlorotoluene	12.897	91	183380	18.043	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	210537	17.558	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	13591	20.469	ug/l #	70
82) 4-Chlorotoluene	12.997	91	189943	18.001	ug/l	97
83) tert-Butylbenzene	13.214	119	181976	17.671	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	216141	18.463	ug/l	99
85) sec-Butylbenzene	13.391	105	280519	17.835	ug/l	98
86) p-Isopropyltoluene	13.502	119	227461	17.682	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	120035	19.145	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	117809	18.966	ug/l	95
89) n-Butylbenzene	13.832	91	228600	18.204	ug/l	97
90) Hexachloroethane	14.096	117	47656	19.542	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	105997	19.880	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	9070	23.258	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	63048	18.957	ug/l	97
94) Hexachlorobutadiene	15.249	225	34487	18.327	ug/l	99
95) Naphthalene	15.385	128	117418	20.027	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	54198	19.187	ug/l	96

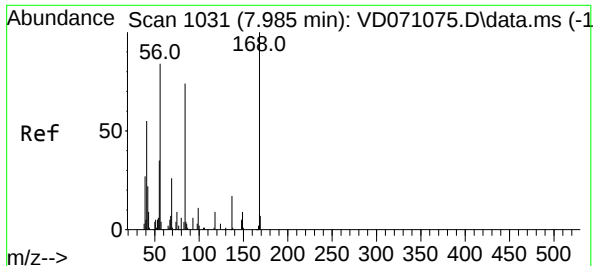
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Response via : Initial Calibration

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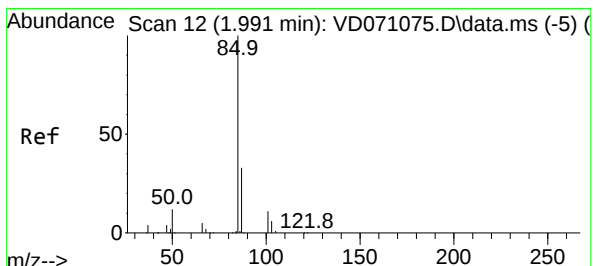
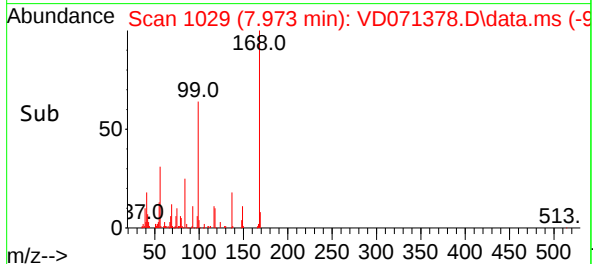
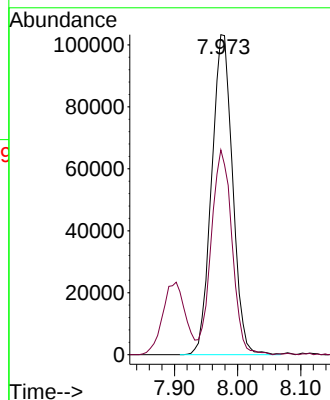
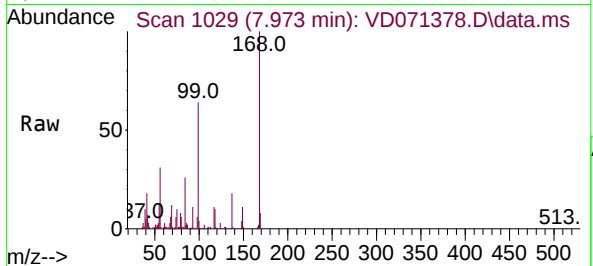
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

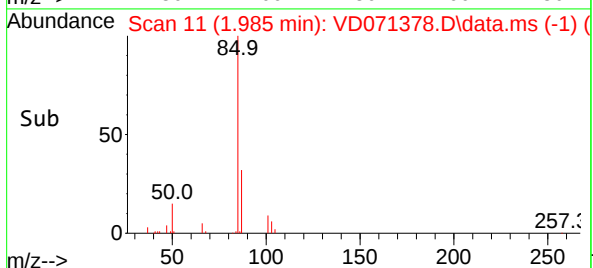
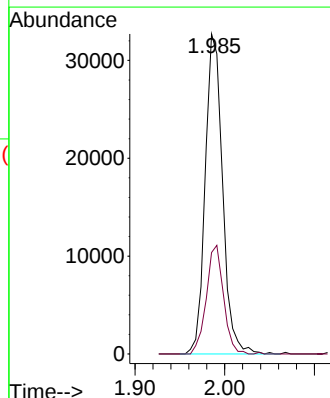
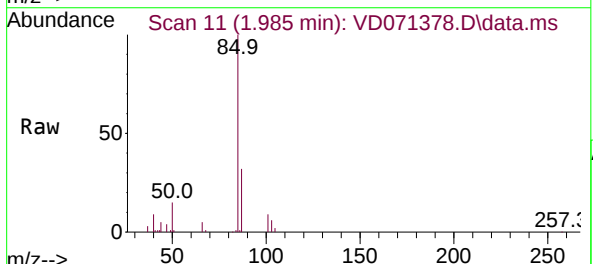
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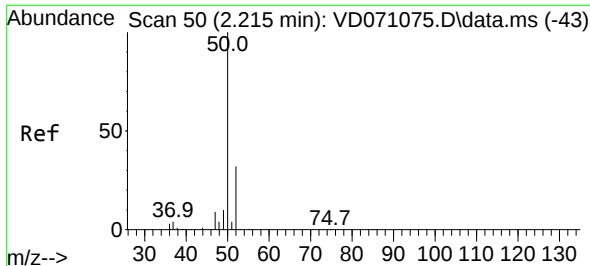
Tgt Ion:168 Resp: 238122
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 21.628 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 85 Resp: 43918
Ion Ratio Lower Upper
85 100
87 31.7 15.2 45.6

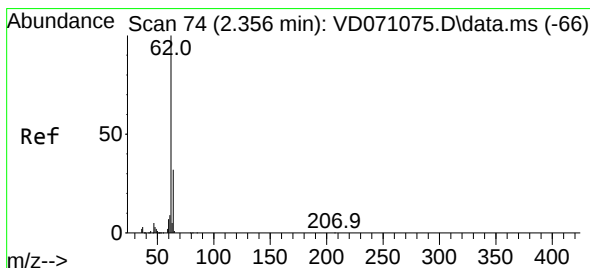
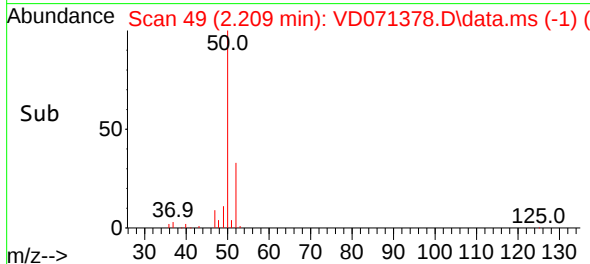
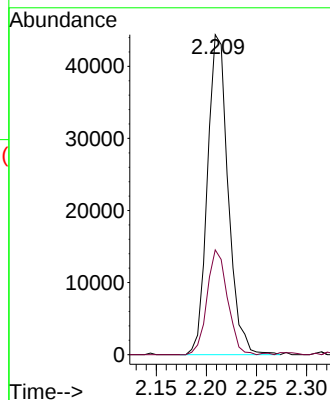
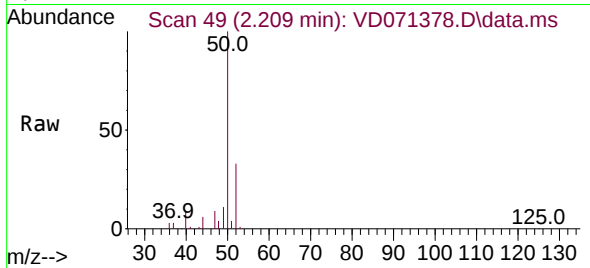




#3
Chloromethane
Concen: 23.782 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

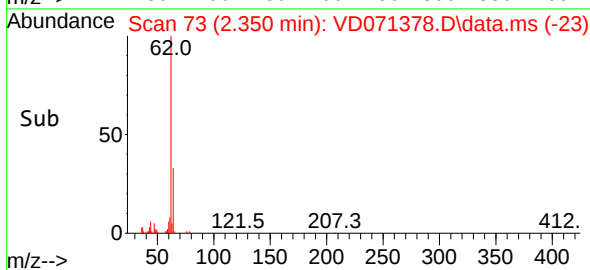
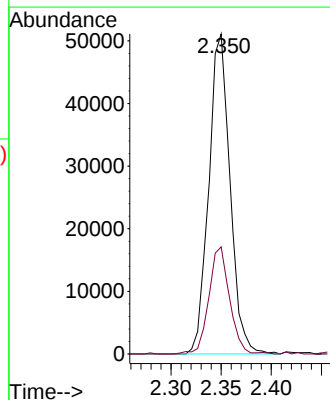
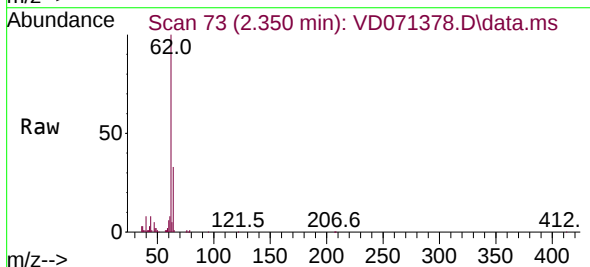
Instrument :
MSVOA_D
ClientSampleId :

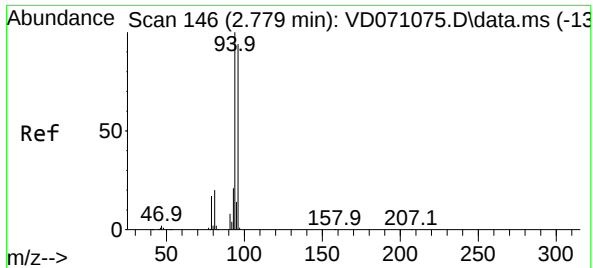
Tgt Ion: 50 Resp: 63889
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 25.214 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 62 Resp: 75571
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0

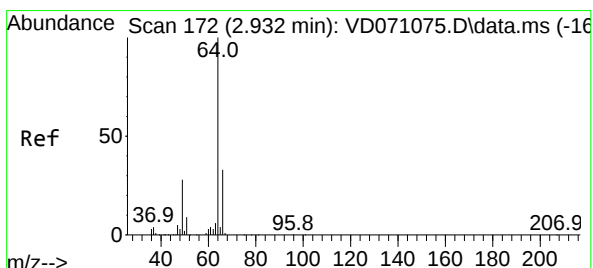
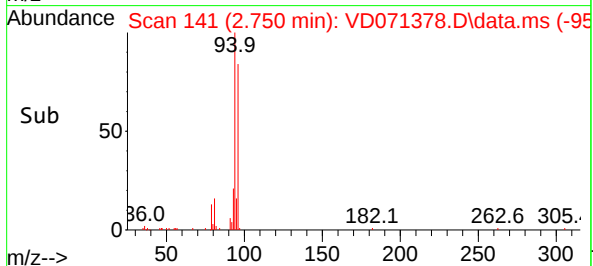
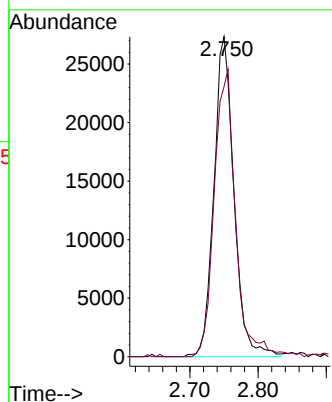
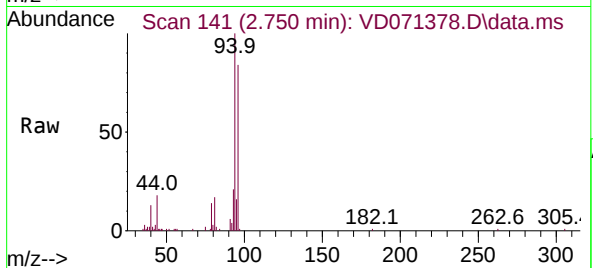




#5
Bromomethane
Concen: 25.903 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.029 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

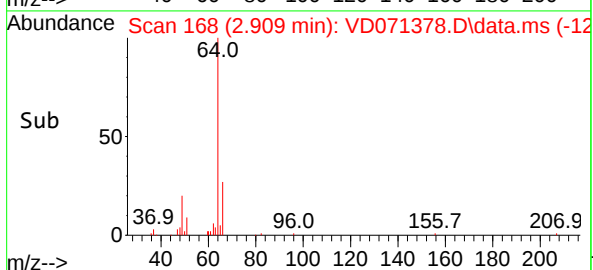
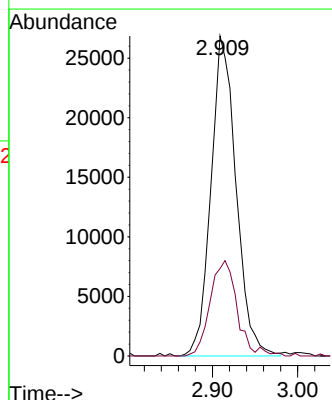
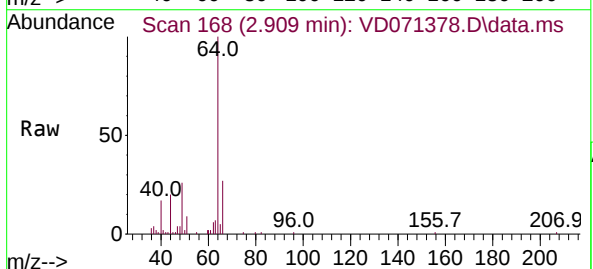
Instrument :
MSVOA_D
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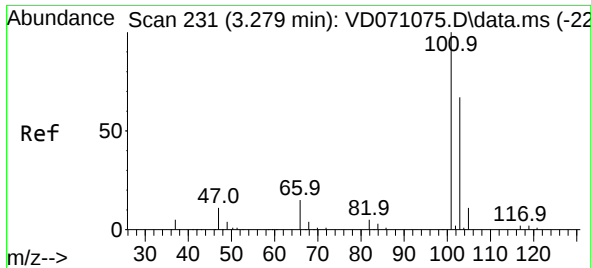
Tgt Ion: 94 Resp: 55965
Ion Ratio Lower Upper
94 100
96 84.4 74.8 112.2



#6
Chloroethane
Concen: 26.778 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.023 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

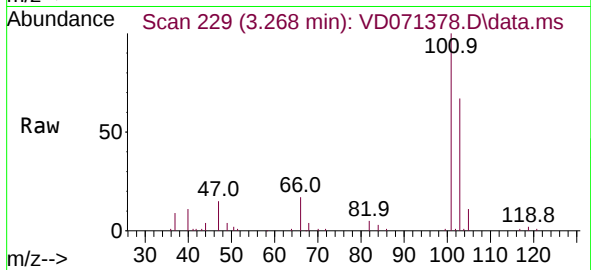
Tgt Ion: 64 Resp: 55200
Ion Ratio Lower Upper
64 100
66 27.3 29.0 43.4#



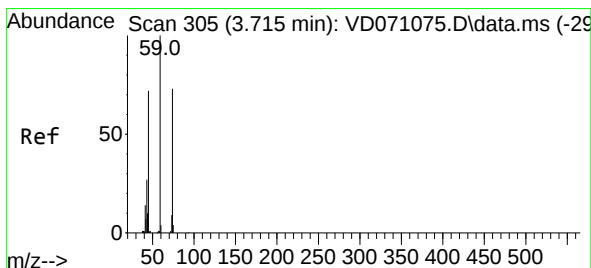
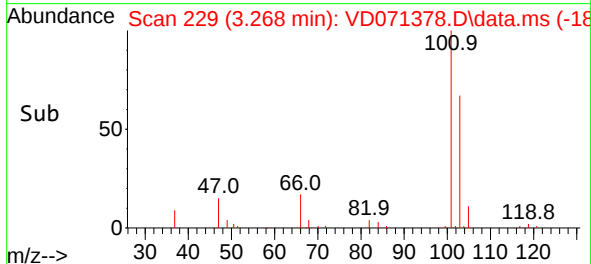
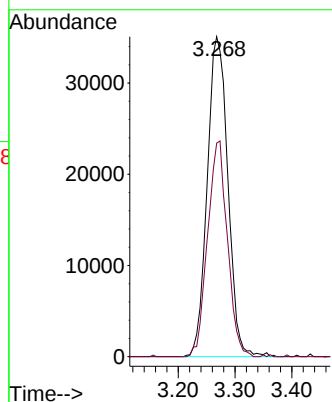


#7
Trichlorofluoromethane
Concen: 21.797 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

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ClientSampleId :

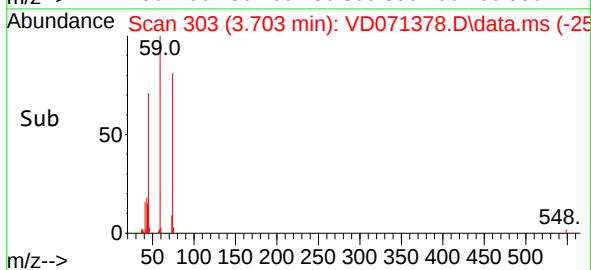
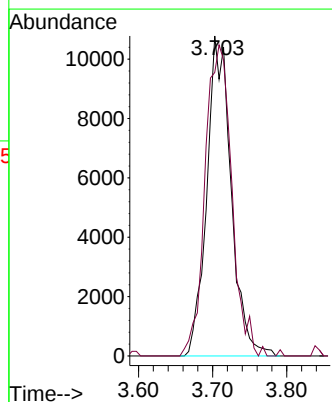
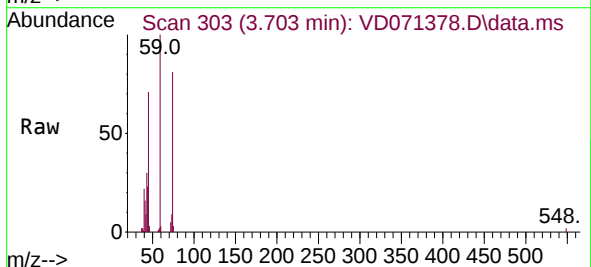


Tgt Ion:101 Resp: 88499
Ion Ratio Lower Upper
101 100
103 66.8 49.7 74.5



#8
Diethyl Ether
Concen: 22.304 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.012 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 74 Resp: 24550
Ion Ratio Lower Upper
74 100
45 106.0 49.6 149.0

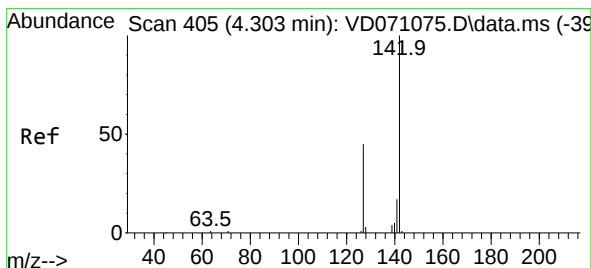
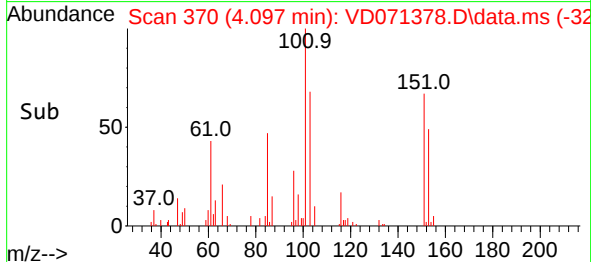
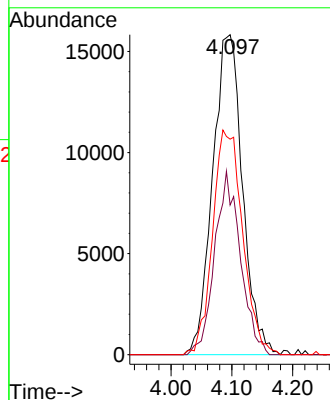
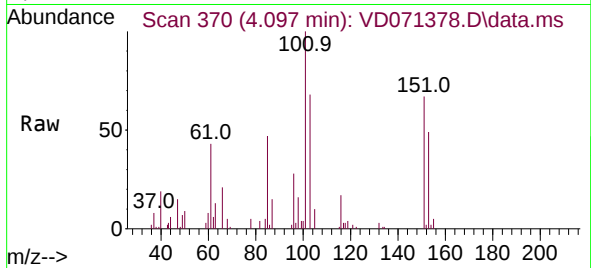




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.518 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071378.D
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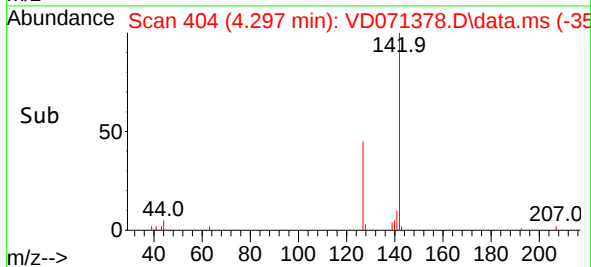
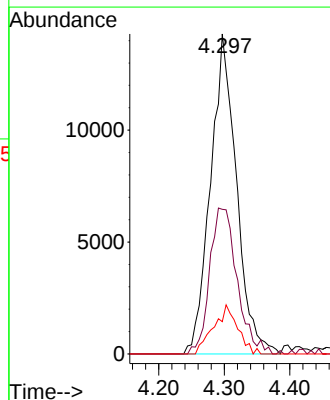
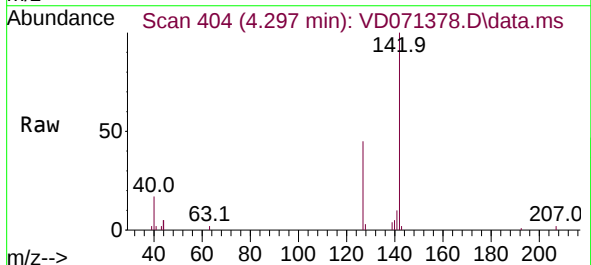
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ClientSampleId :

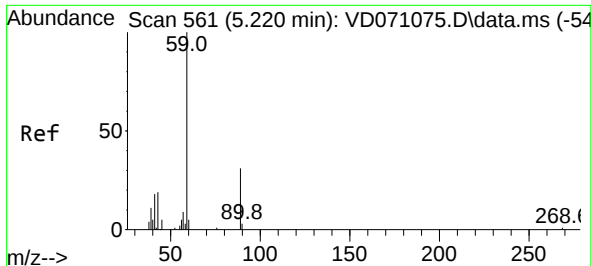
Tgt Ion:101 Resp: 53939
Ion Ratio Lower Upper
101 100
85 49.4 34.8 52.2
151 70.6 60.4 90.6



#10
Methyl Iodide
Concen: 17.411 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:142 Resp: 39377
Ion Ratio Lower Upper
142 100
127 48.0 35.0 52.4
141 14.2 12.0 18.0





#11

Tert butyl alcohol

Concen: 183.011 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.011 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

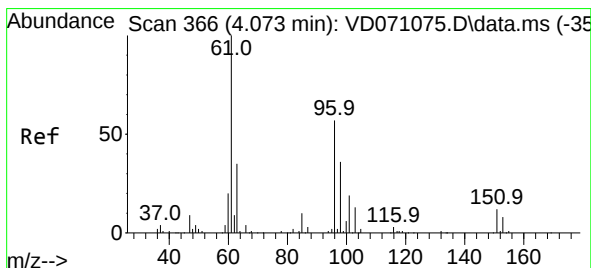
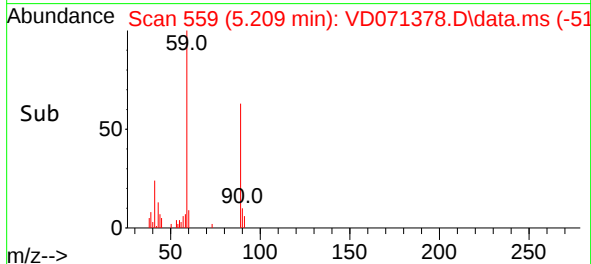
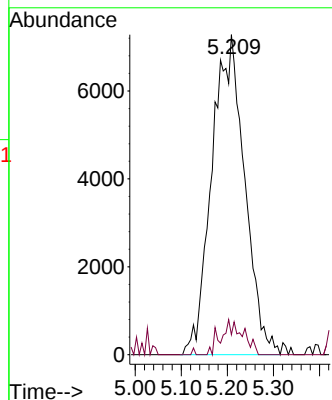
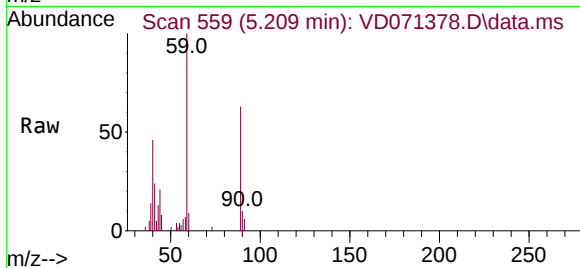
ClientSampleId :

Tgt Ion: 59 Resp: 35976

Ion Ratio Lower Upper

59 100

57 5.8 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 20.431 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.011 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

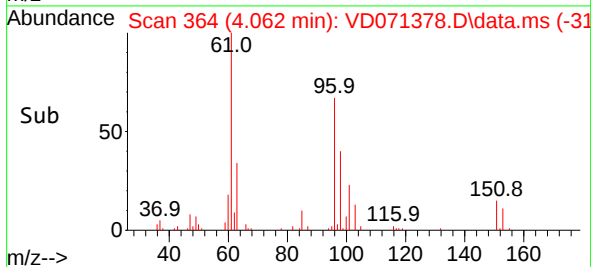
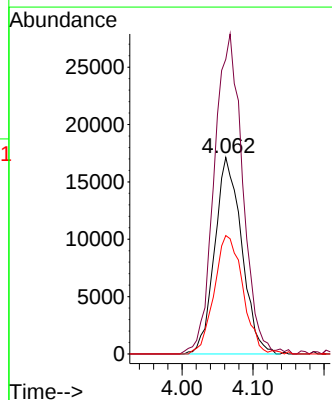
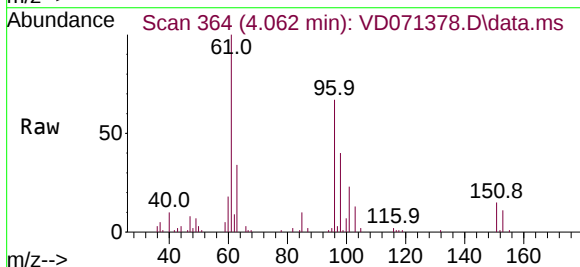
Tgt Ion: 96 Resp: 45165

Ion Ratio Lower Upper

96 100

61 150.0 120.3 180.5

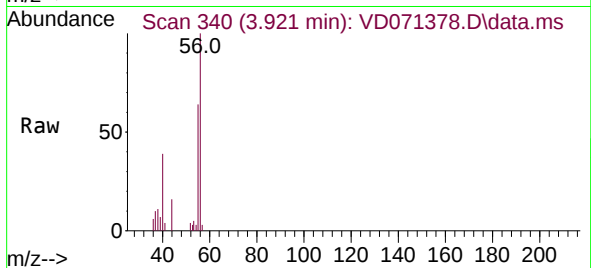
98 60.3 54.4 81.6



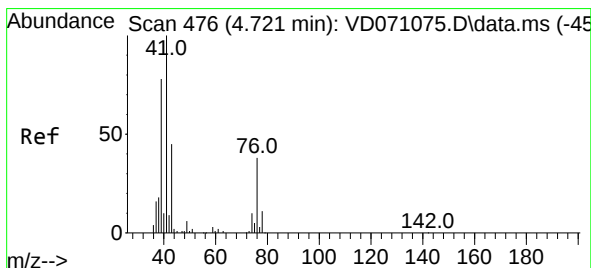
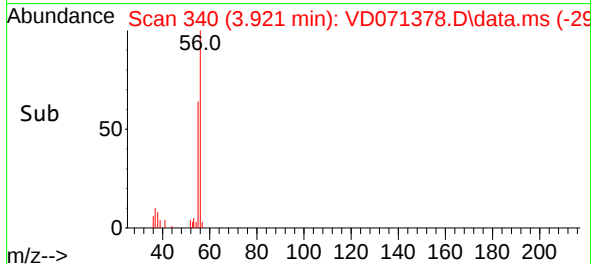
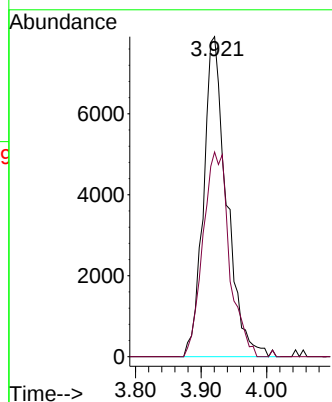


#13
Acrolein
Concen: 101.881 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.005 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

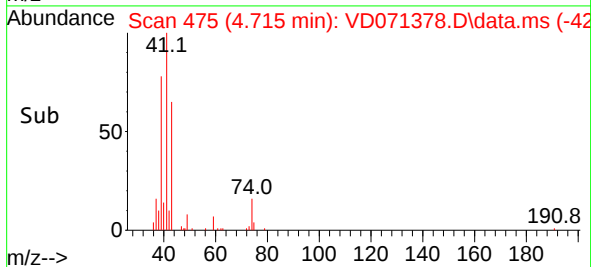
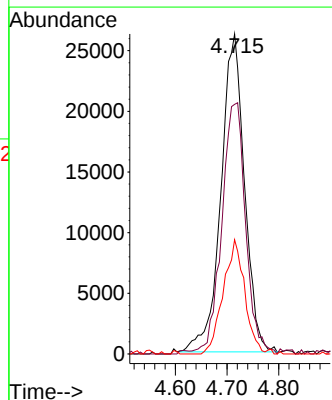
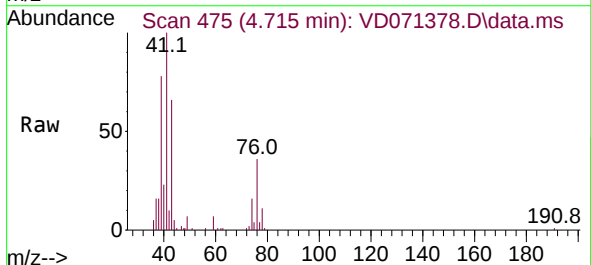


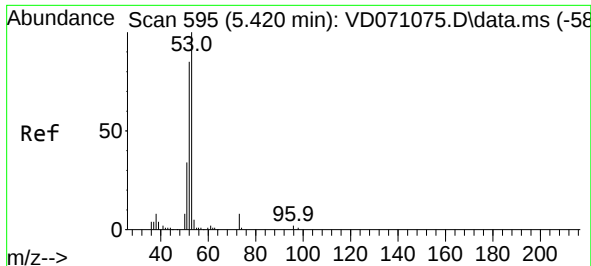
Tgt Ion: 56 Resp: 19453
Ion Ratio Lower Upper
56 100
55 72.8 58.6 87.8



#14
Allyl chloride
Concen: 19.762 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 41 Resp: 82977
Ion Ratio Lower Upper
41 100
39 79.8 45.6 68.4#
76 32.7 30.2 45.4

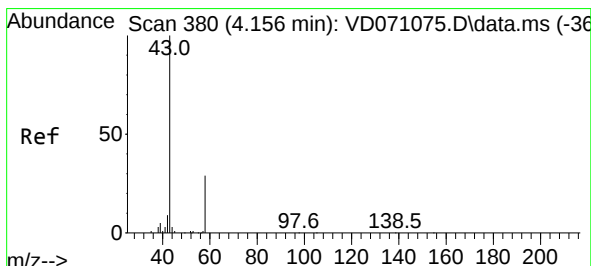
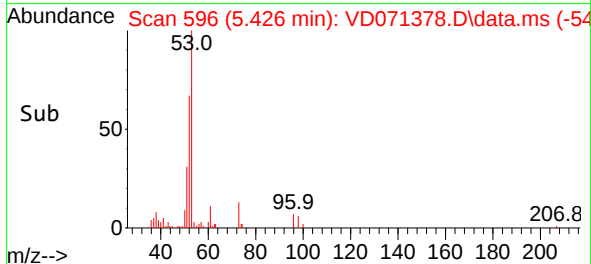
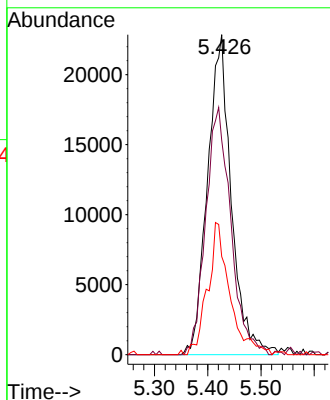
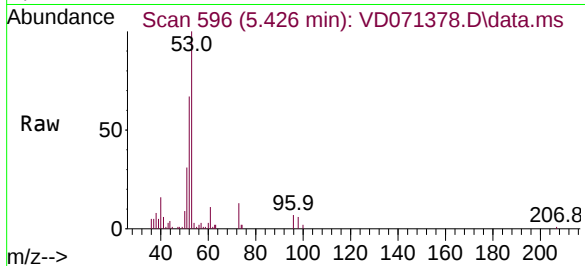




#15
Acrylonitrile
Concen: 132.319 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

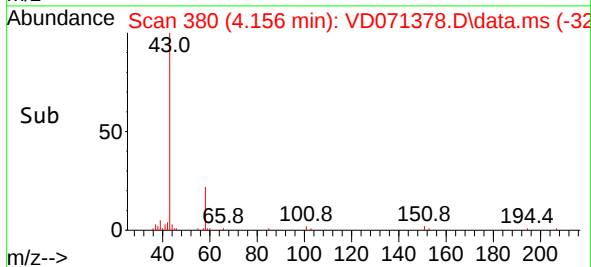
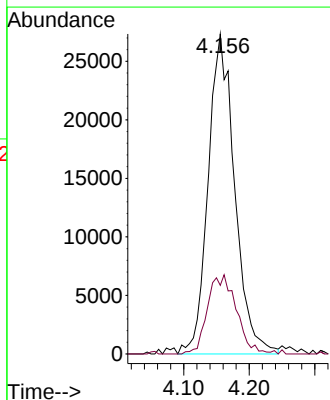
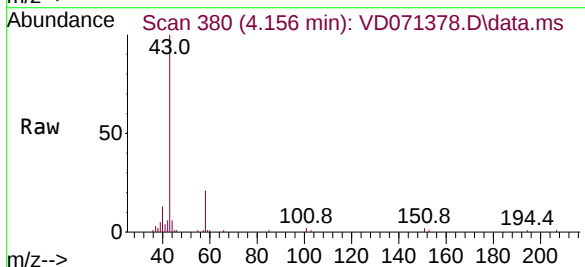
Instrument :
MSVOA_D
ClientSampleId :

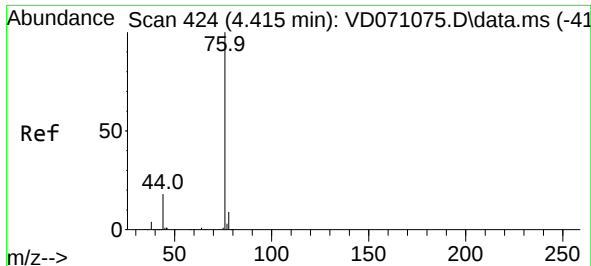
Tgt Ion: 53 Resp: 70831
Ion Ratio Lower Upper
53 100
52 81.6 63.8 95.8
51 38.4 28.5 42.7



#16
Acetone
Concen: 121.795 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 43 Resp: 77000
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#

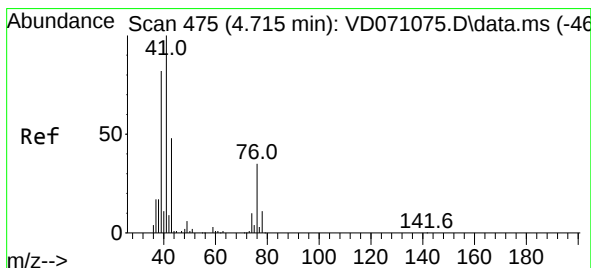
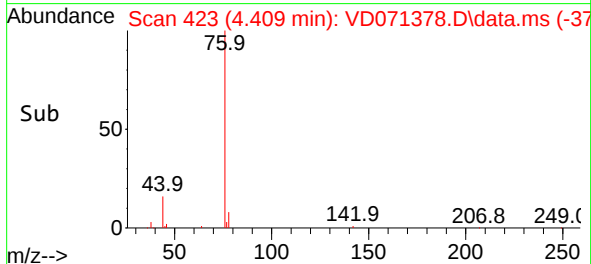
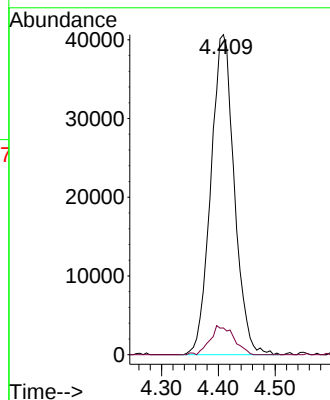
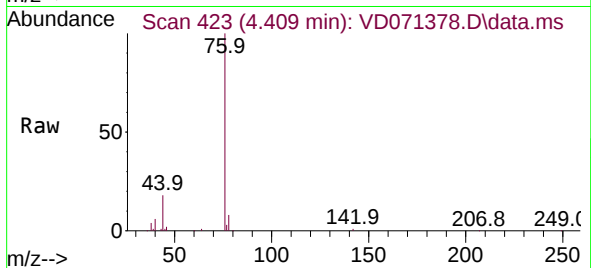




#17
Carbon Disulfide
Concen: 18.004 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

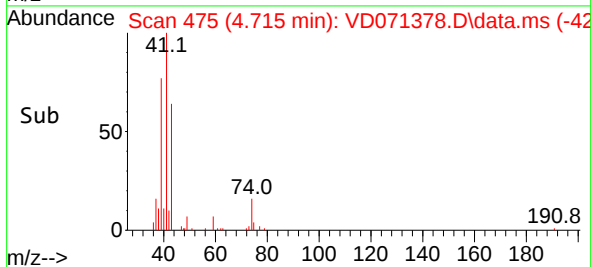
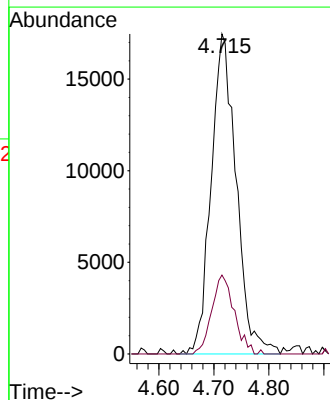
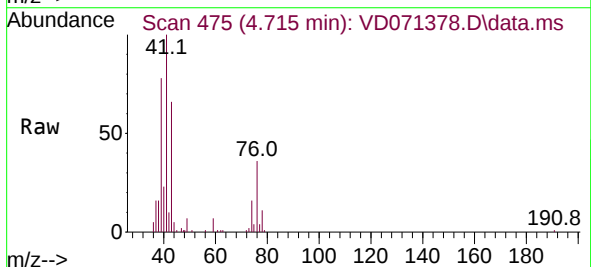
Instrument :
MSVOA_D
ClientSampleId :

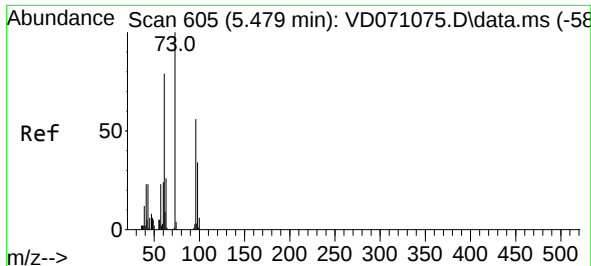
Tgt Ion: 76 Resp: 116524
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8



#18
Methyl Acetate
Concen: 26.878 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

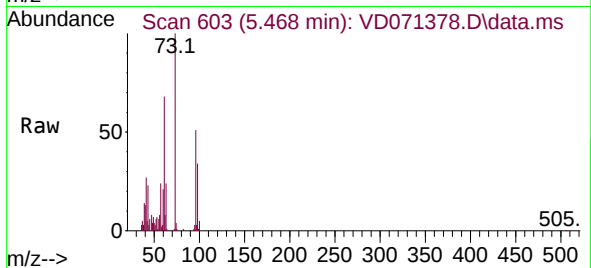
Tgt Ion: 43 Resp: 55410
Ion Ratio Lower Upper
43 100
74 22.0 19.3 28.9



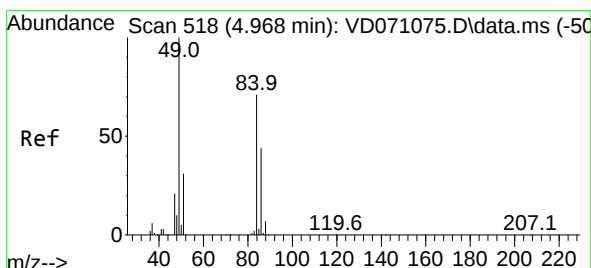
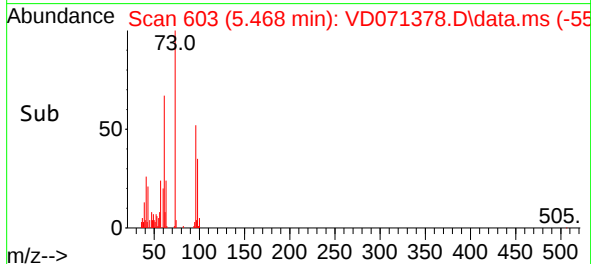
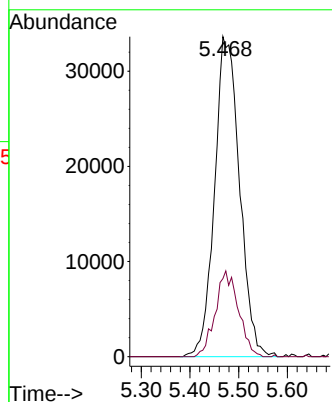


#19
Methyl tert-butyl Ether
Concen: 22.097 ug/l
RT: 5.468 min Scan# 605
Delta R.T. -0.011 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

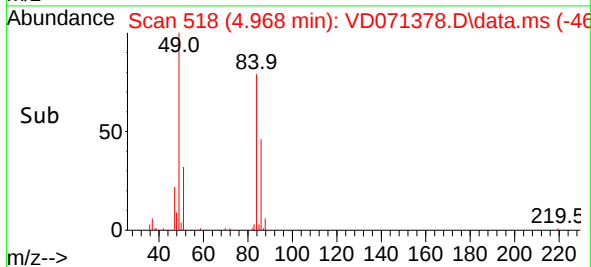
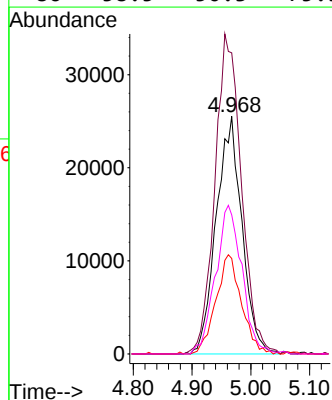
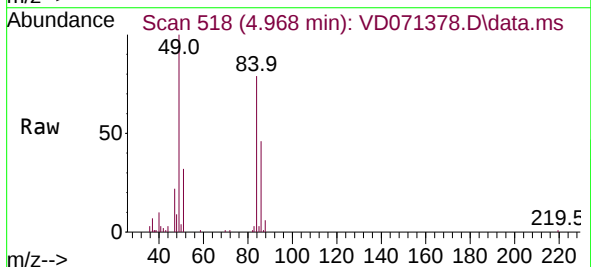


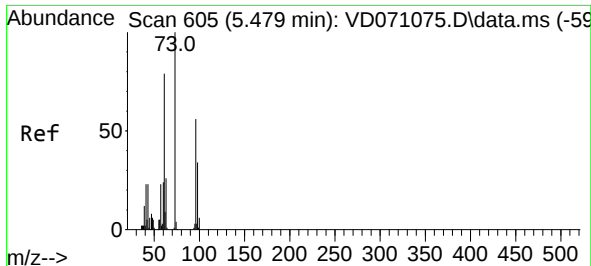
Tgt Ion: 73 Resp: 119712
Ion Ratio Lower Upper
73 100
57 24.4 18.9 28.3



#20
Methylene Chloride
Concen: 25.458 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

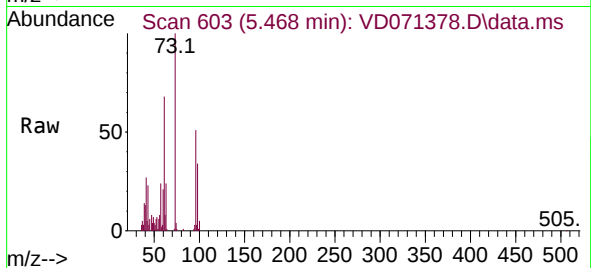
Tgt Ion: 84 Resp: 77560
Ion Ratio Lower Upper
84 100
49 126.8 95.8 143.6
51 40.2 30.9 46.3
86 58.5 50.3 75.5



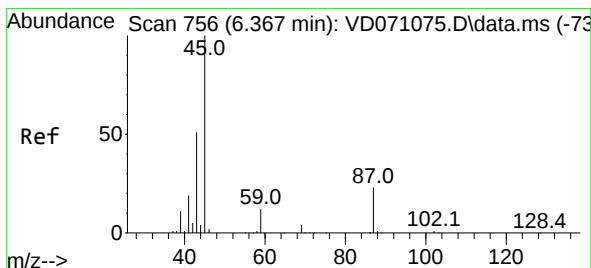
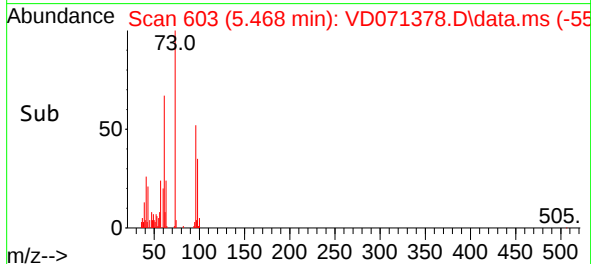
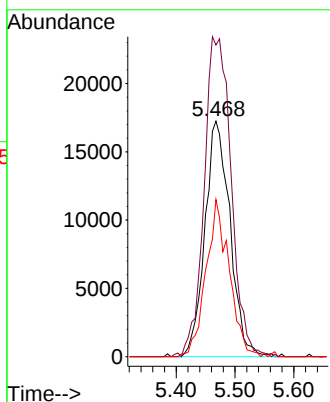


#21
trans-1,2-Dichloroethene
Concen: 20.555 ug/l
RT: 5.468 min Scan# 605
Delta R.T. -0.011 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

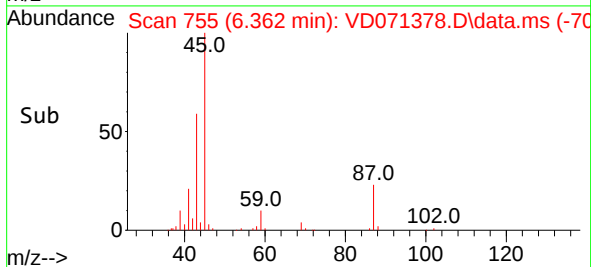
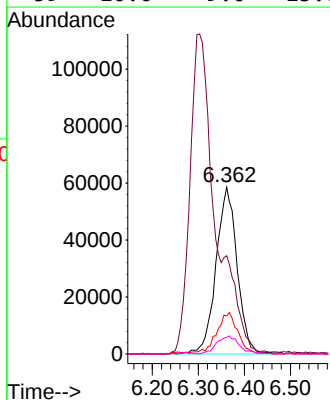
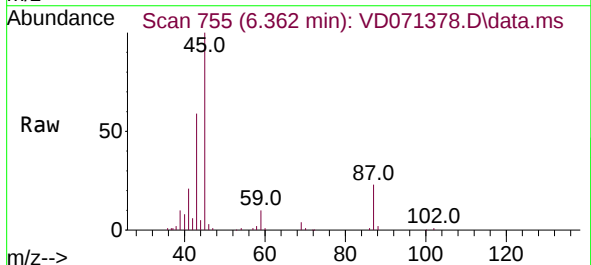


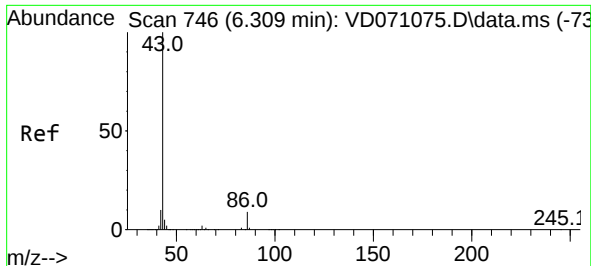
Tgt Ion: 96 Resp: 51150
Ion Ratio Lower Upper
96 100
61 132.3 102.1 153.1
98 66.7 50.1 75.1



#22
Diisopropyl ether
Concen: 22.144 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 45 Resp: 186292
Ion Ratio Lower Upper
45 100
43 58.0 39.6 59.4
87 22.7 21.2 31.8
59 10.0 9.0 13.6

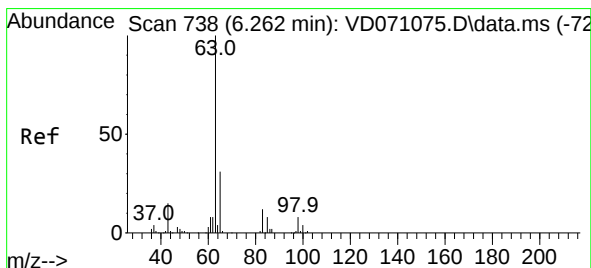
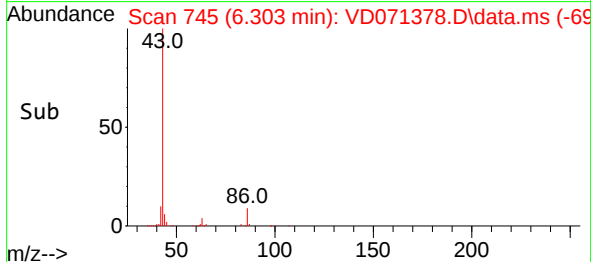
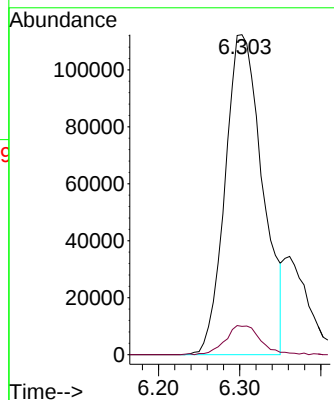
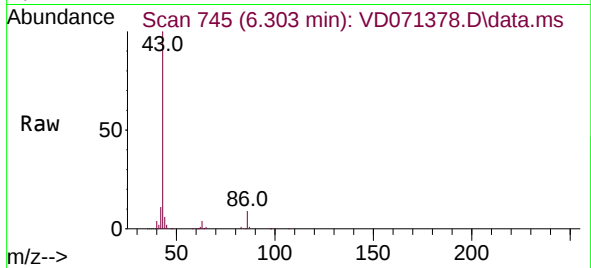




#23
 Vinyl Acetate
 Concen: 97.849 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071378.D
 Acq: 17 Dec 2021 11:43

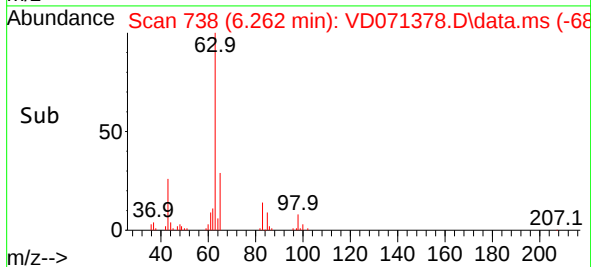
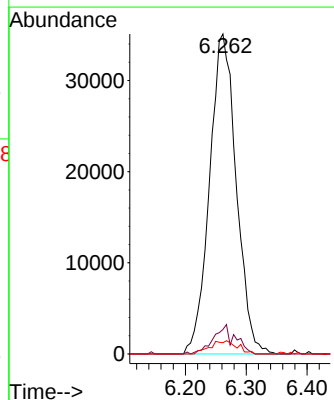
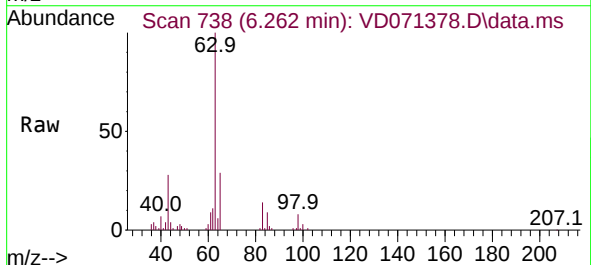
Instrument :
 MSVOA_D
 ClientSampleId :

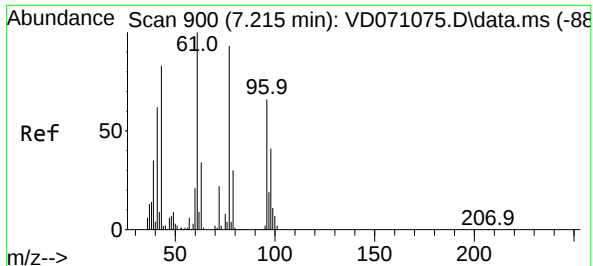
Tgt Ion: 43 Resp: 360576
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 22.141 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD071378.D
 Acq: 17 Dec 2021 11:43

Tgt Ion: 63 Resp: 107133
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 3.5 2.1 6.3





#25

2-Butanone

Concen: 129.302 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

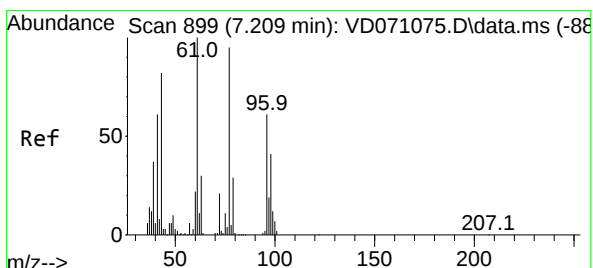
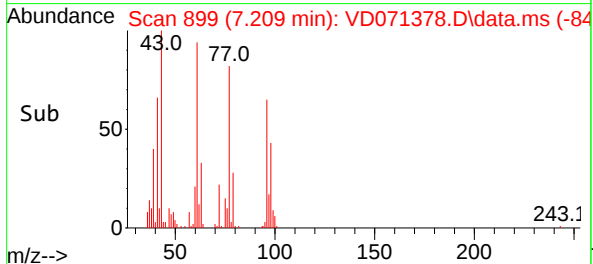
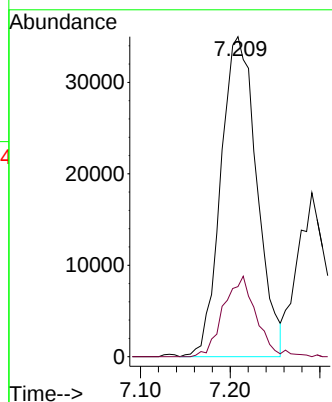
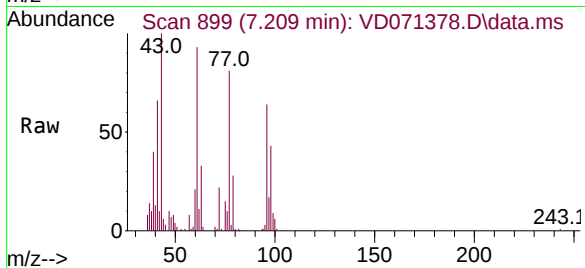
ClientSampleId :

Tgt Ion: 43 Resp: 97566

Ion Ratio Lower Upper

43 100

72 21.9 23.8 35.6#



#26

2,2-Dichloropropane

Concen: 19.086 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD071378.D

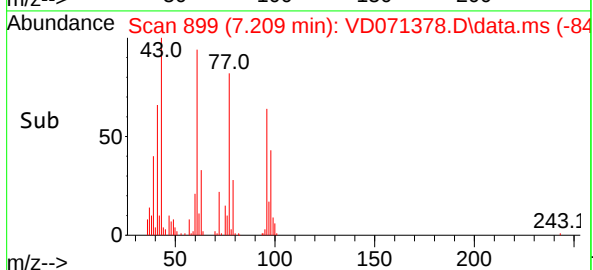
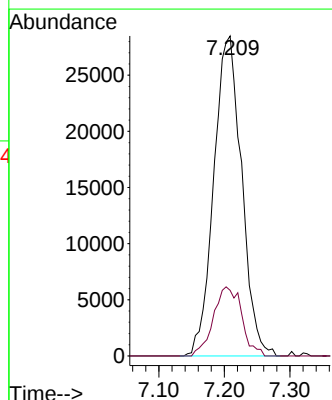
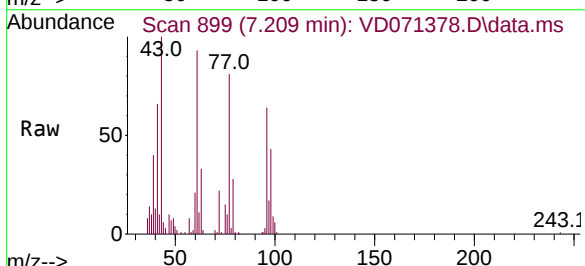
Acq: 17 Dec 2021 11:43

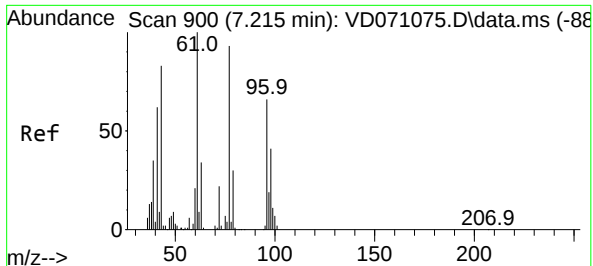
Tgt Ion: 77 Resp: 83976

Ion Ratio Lower Upper

77 100

97 22.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.666 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.006 min

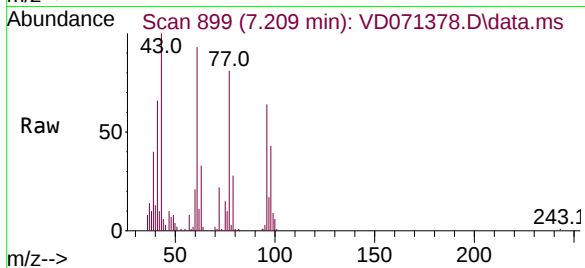
Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :



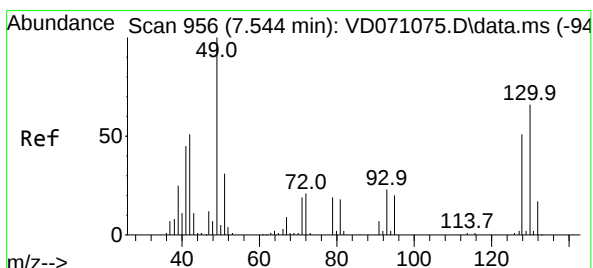
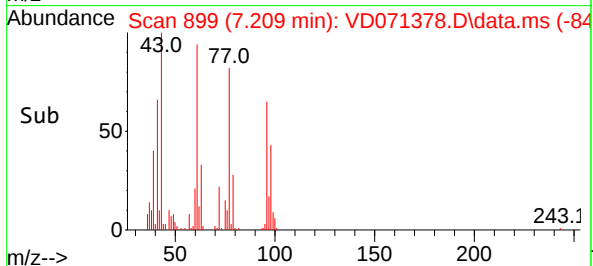
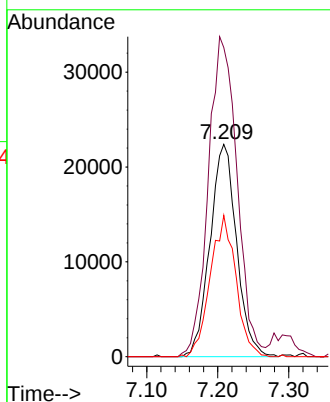
Tgt Ion: 96 Resp: 58178

Ion Ratio Lower Upper

96 100

61 162.9 0.0 288.6

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 25.449 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

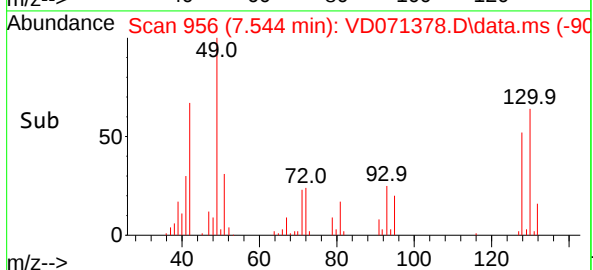
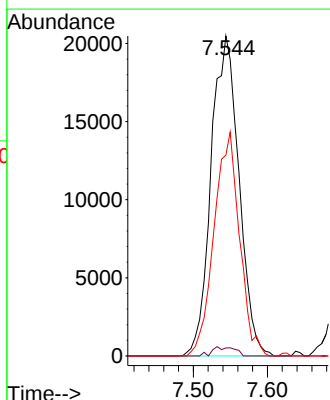
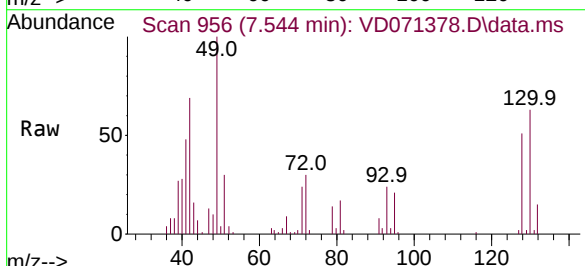
Tgt Ion: 49 Resp: 53484

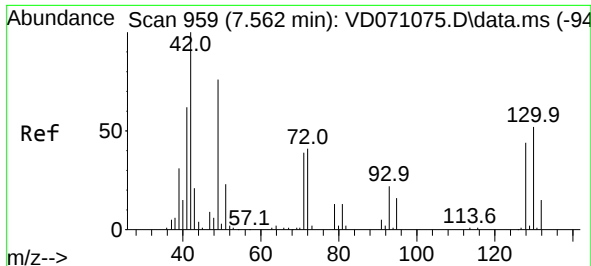
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

130 64.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 130.932 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

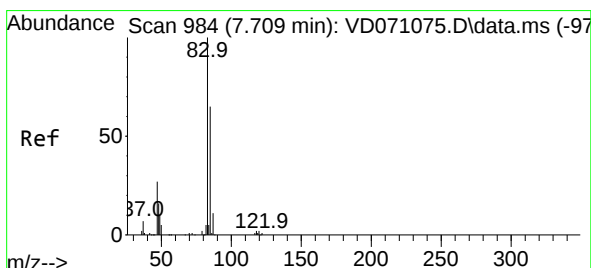
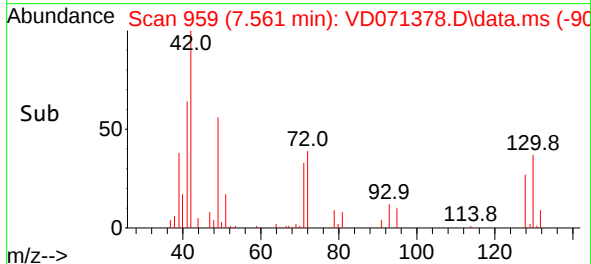
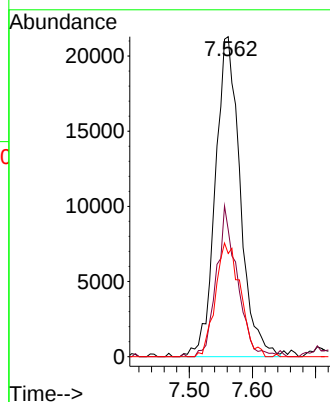
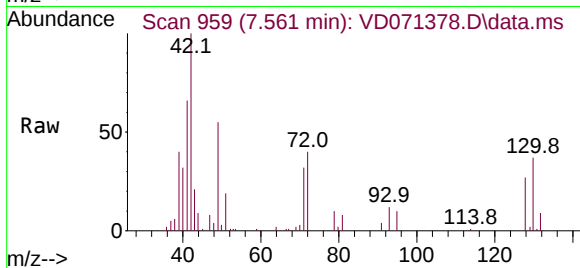
Tgt Ion: 42 Resp: 58091

Ion Ratio Lower Upper

42 100

72 39.3 33.7 50.5

71 35.6 32.7 49.1



#30

Chloroform

Concen: 22.507 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.000 min

Lab File: VD071378.D

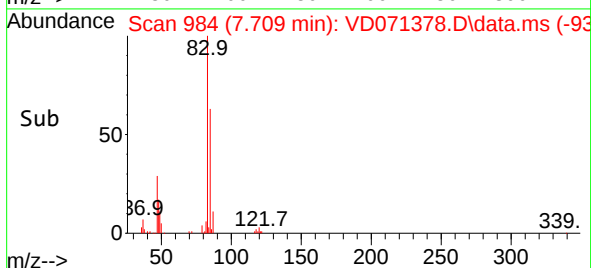
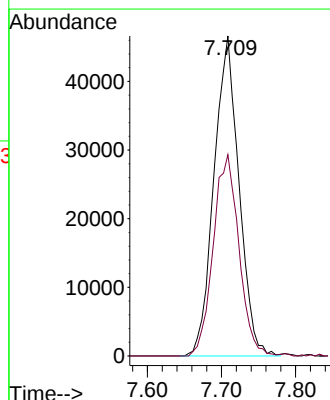
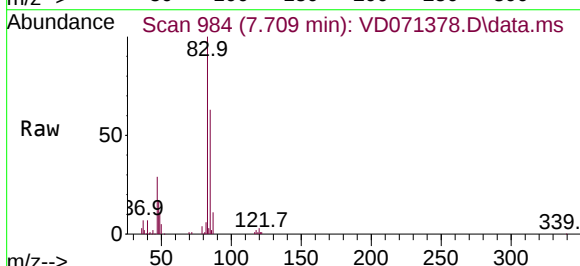
Acq: 17 Dec 2021 11:43

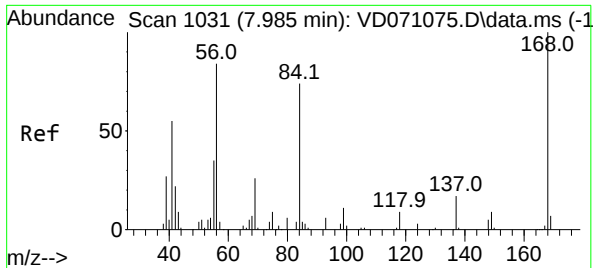
Tgt Ion: 83 Resp: 109295

Ion Ratio Lower Upper

83 100

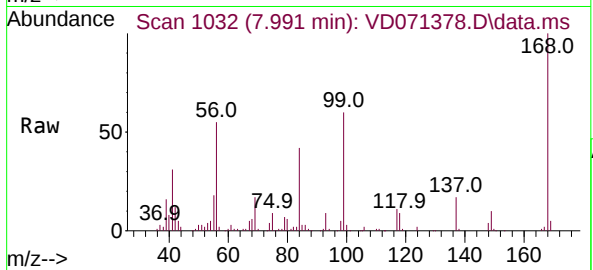
85 62.9 51.0 76.6



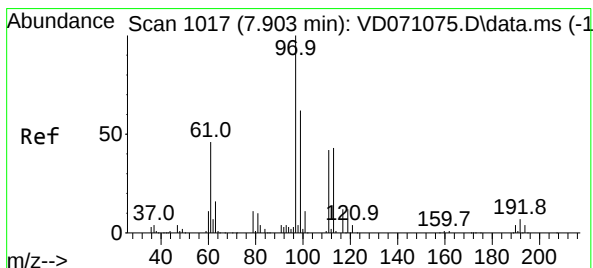
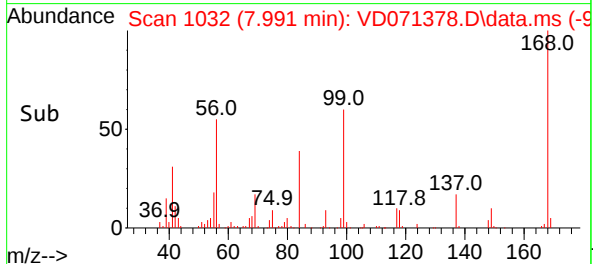
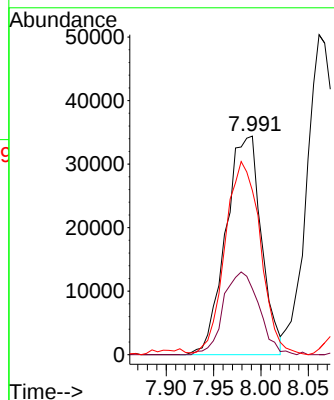


#31
Cyclohexane
Concen: 18.887 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

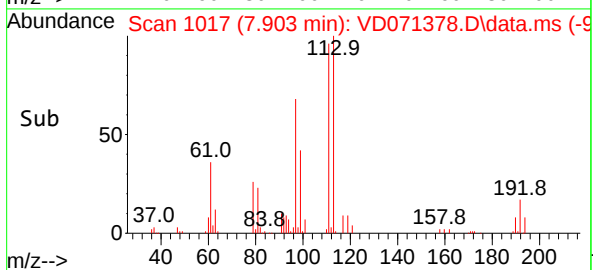
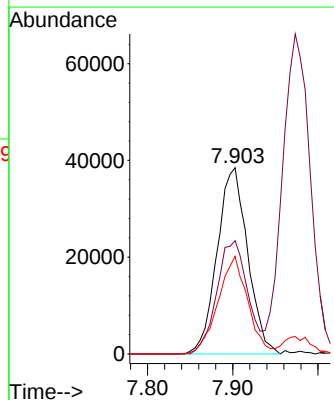
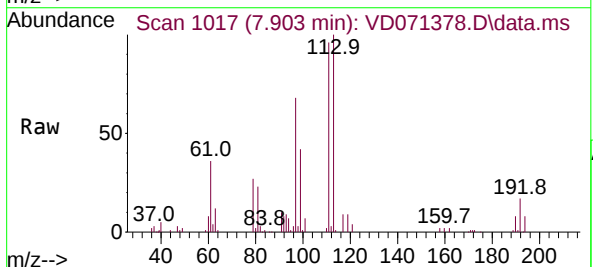


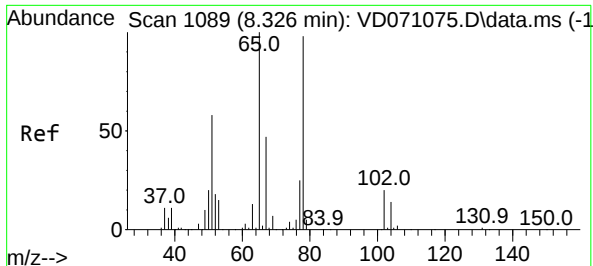
Tgt Ion: 56 Resp: 89763
Ion Ratio Lower Upper
56 100
69 30.2 25.9 38.9
84 72.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 21.966 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 97 Resp: 95768
Ion Ratio Lower Upper
97 100
99 61.1 50.3 75.5
61 51.1 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 58.259 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

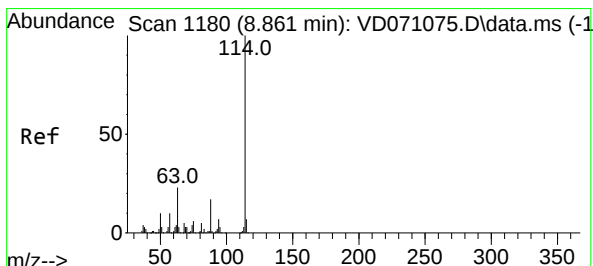
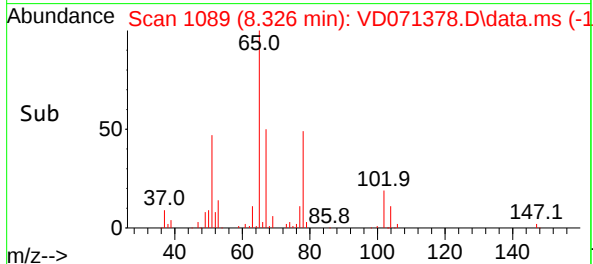
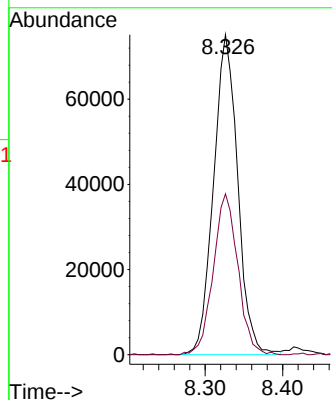
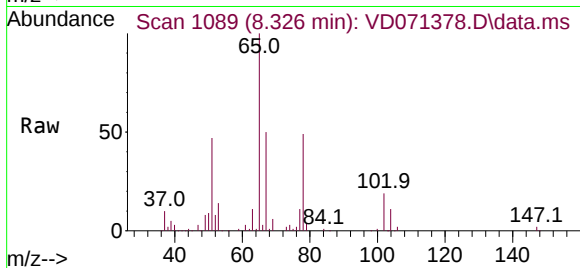
ClientSampleId :

Tgt Ion: 65 Resp: 162780

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071378.D

Acq: 17 Dec 2021 11:43

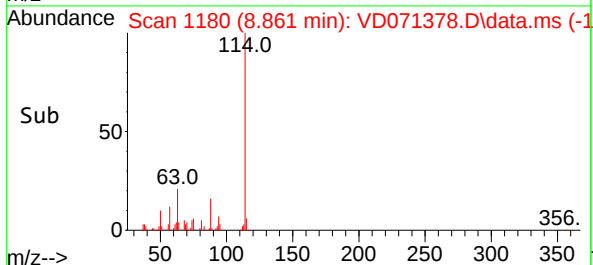
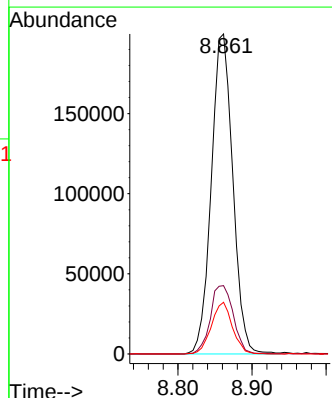
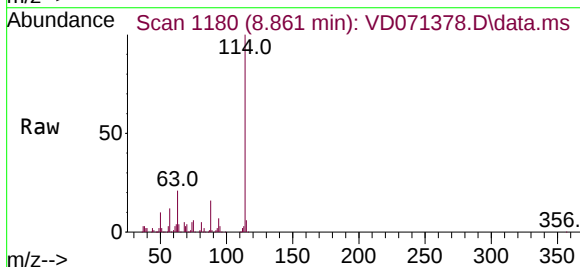
Tgt Ion: 114 Resp: 402728

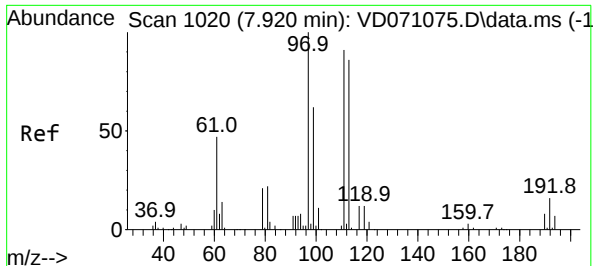
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 58.389 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

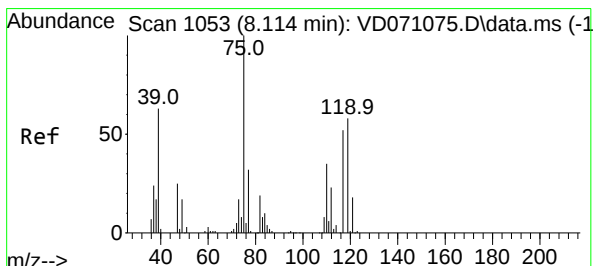
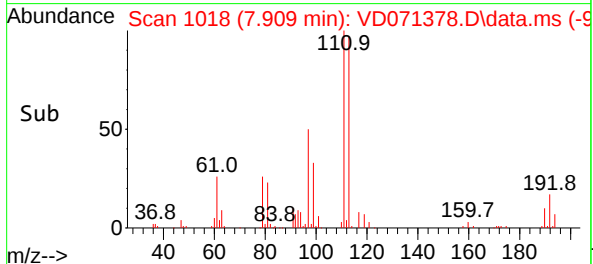
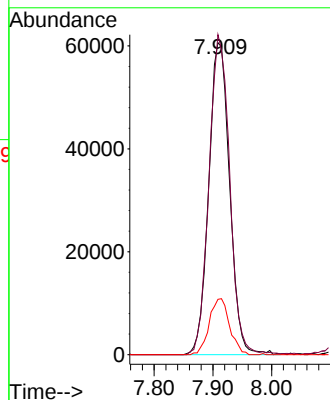
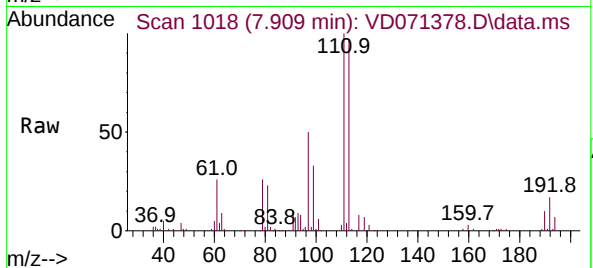
Tgt Ion:113 Resp: 149740

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 17.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.998 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. -0.005 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

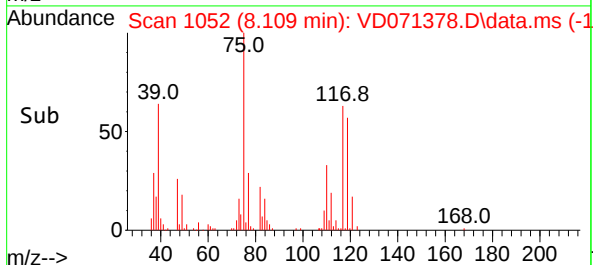
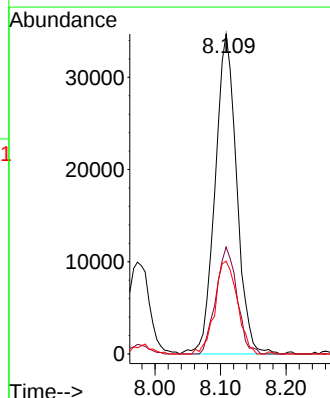
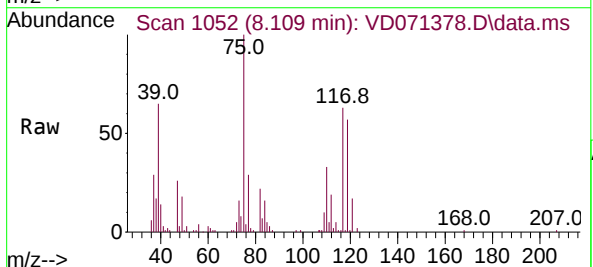
Tgt Ion: 75 Resp: 79035

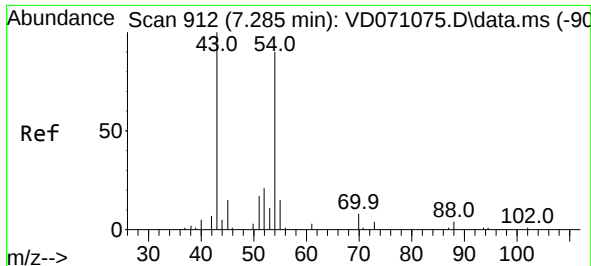
Ion Ratio Lower Upper

75 100

110 32.6 17.8 53.4

77 30.2 24.8 37.2

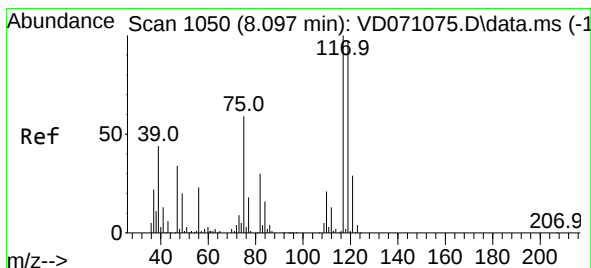
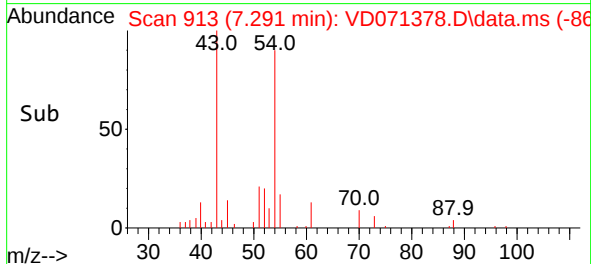
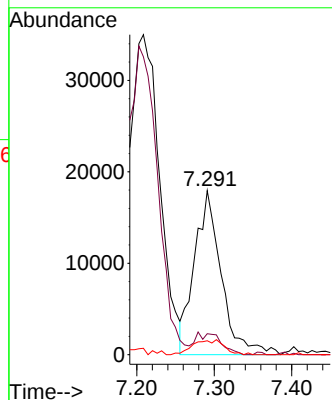
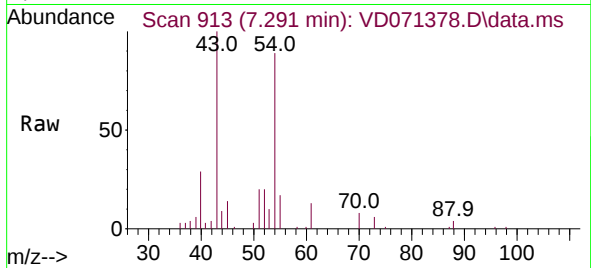




#37
Ethyl Acetate
Concen: 26.645 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

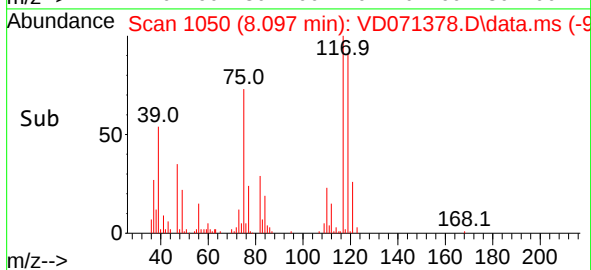
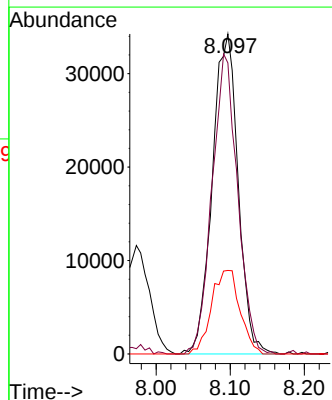
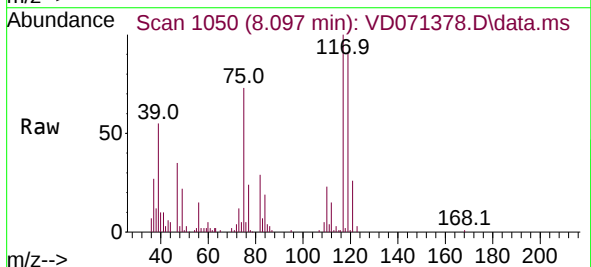
Instrument :
MSVOA_D
ClientSampleId :

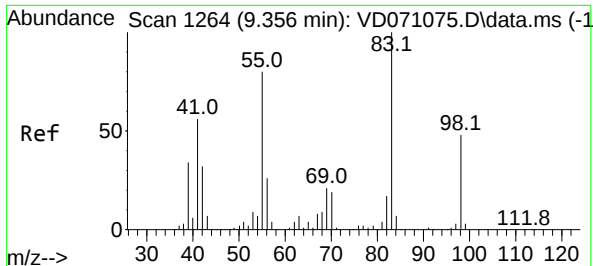
Tgt Ion: 43 Resp: 43323
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 22.355 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 117 Resp: 82946
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.6
121 26.1 23.6 35.4





#39

Methylcyclohexane

Concen: 19.257 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

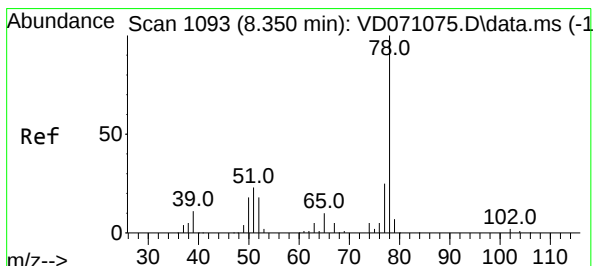
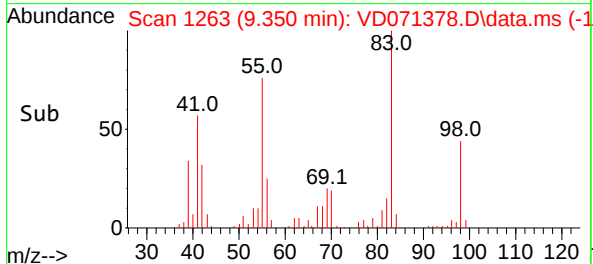
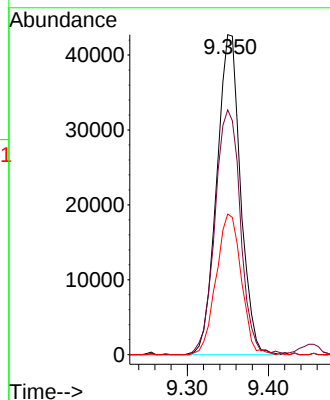
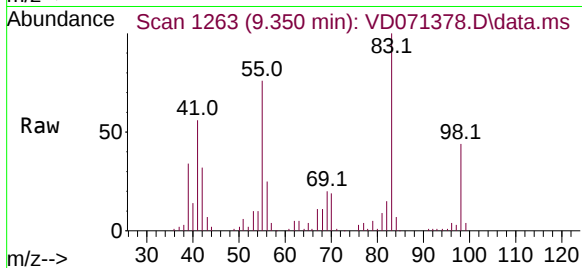
Tgt Ion: 83 Resp: 87184

Ion Ratio Lower Upper

83 100

55 76.5 65.8 98.8

98 44.0 38.7 58.1



#40

Benzene

Concen: 21.046 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071378.D

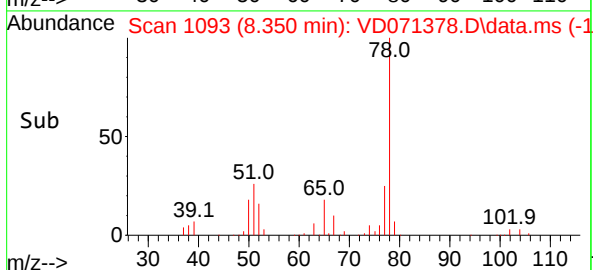
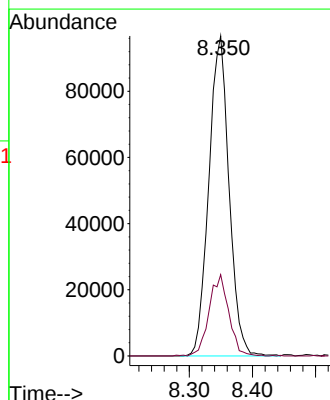
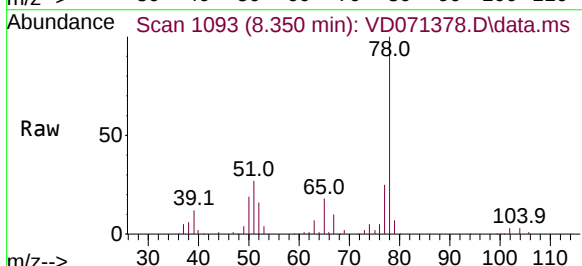
Acq: 17 Dec 2021 11:43

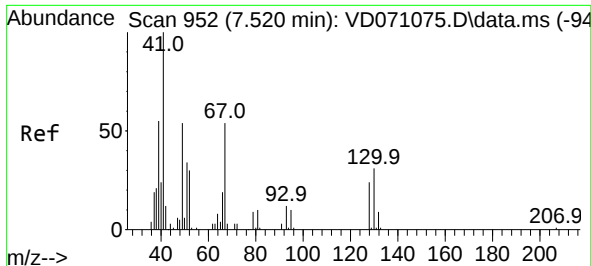
Tgt Ion: 78 Resp: 215176

Ion Ratio Lower Upper

78 100

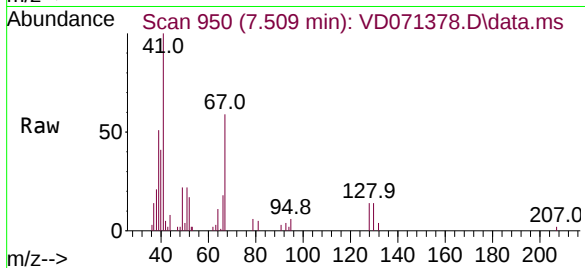
77 25.2 19.1 28.7



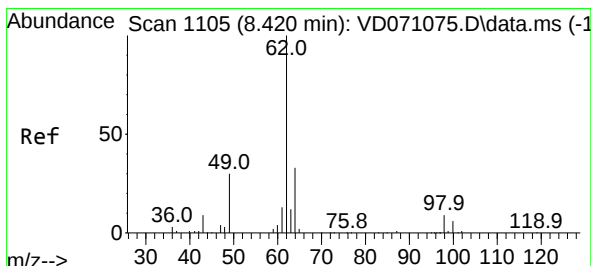
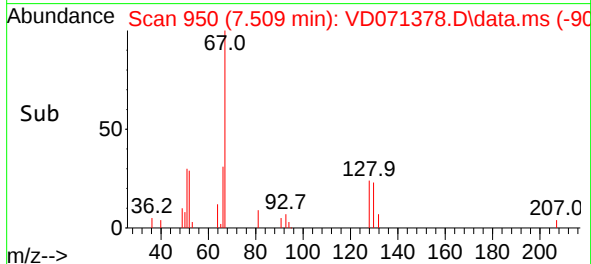
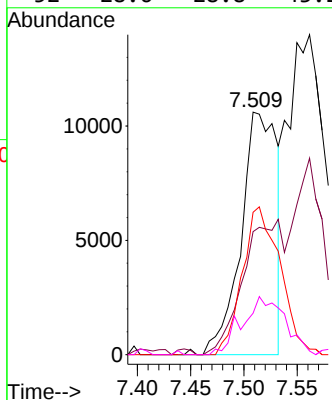


#41
Methacrylonitrile
Concen: 34.194 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

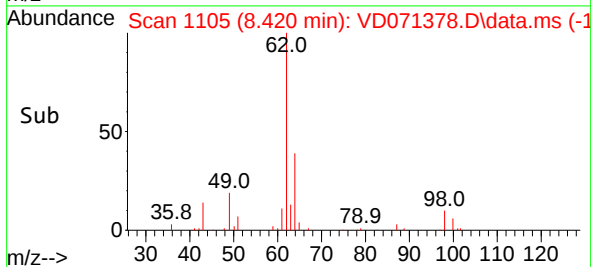
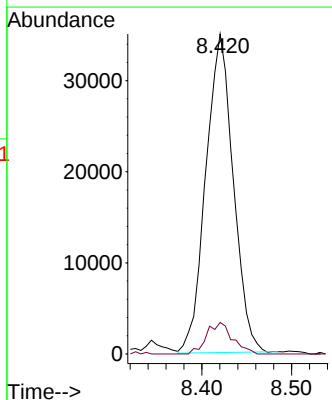
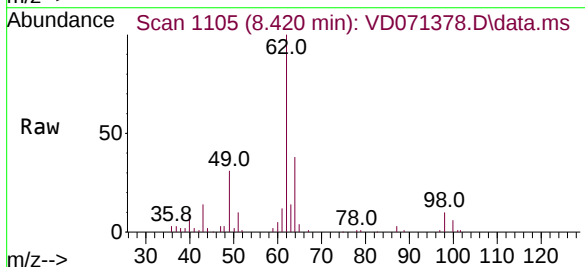


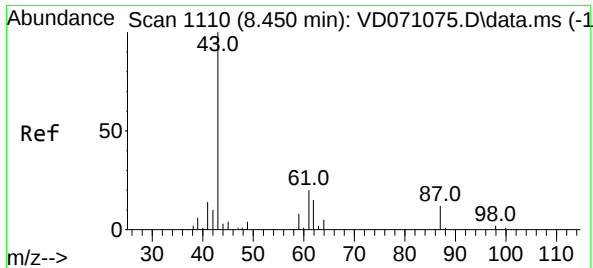
Tgt Ion: 41 Resp: 24864
Ion Ratio Lower Upper
41 100
39 0.0 60.2 90.4#
67 64.3 74.8 112.2#
52 28.6 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 23.827 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 62 Resp: 74360
Ion Ratio Lower Upper
62 100
98 9.3 0.0 21.8

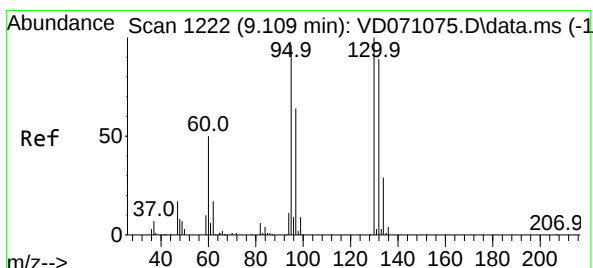
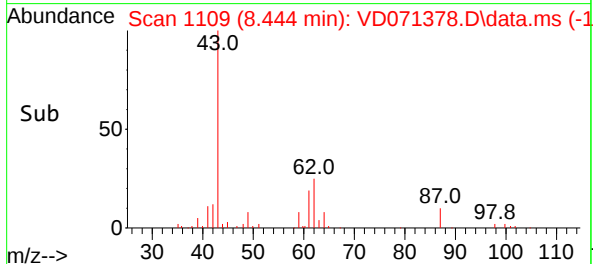
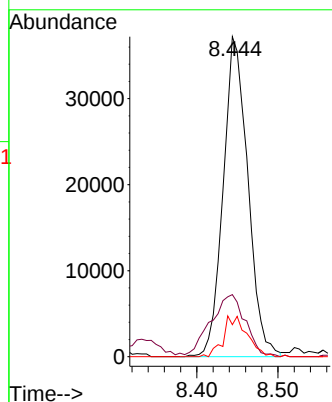
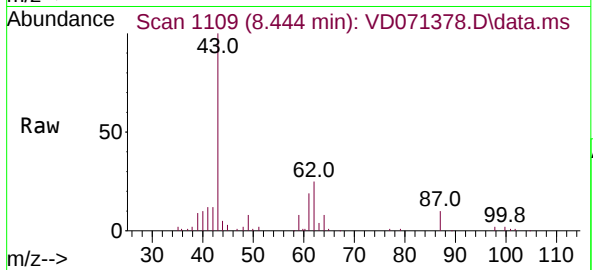




#43
Isopropyl Acetate
Concen: 24.910 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

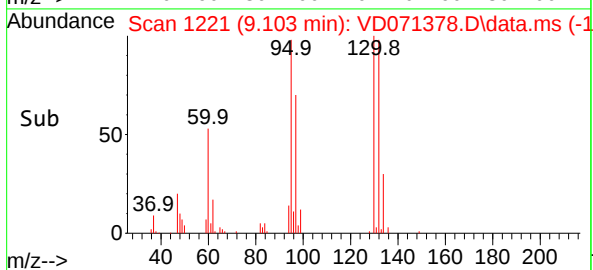
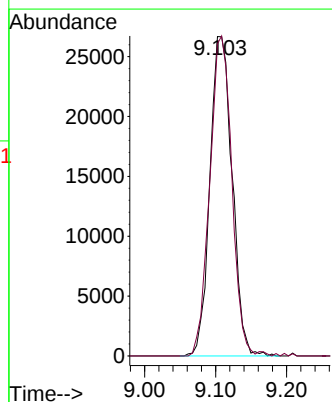
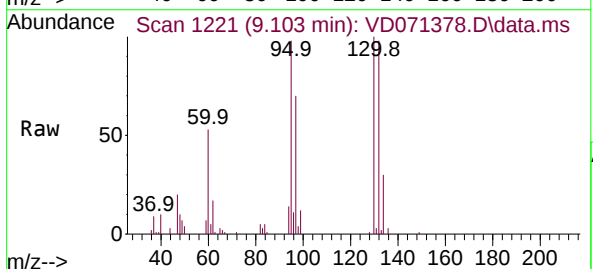
Instrument :
MSVOA_D
ClientSampleId :

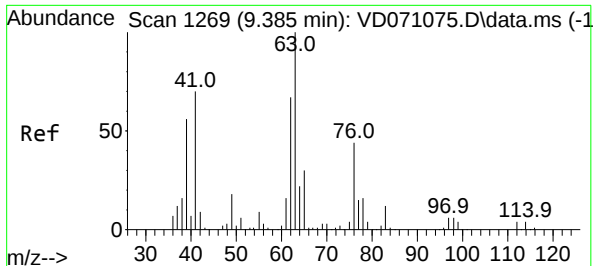
Tgt Ion: 43 Resp: 78650
Ion Ratio Lower Upper
43 100
61 27.3 28.2 42.4#
87 12.1 10.7 16.1



#44
Trichloroethene
Concen: 21.274 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:130 Resp: 57994
Ion Ratio Lower Upper
130 100
95 97.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 21.918 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

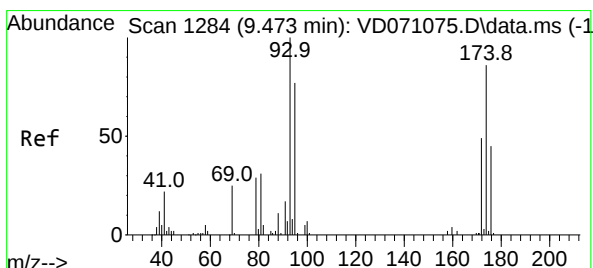
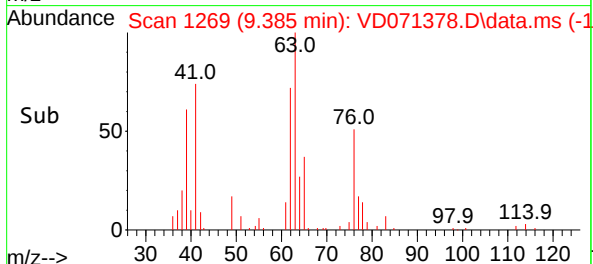
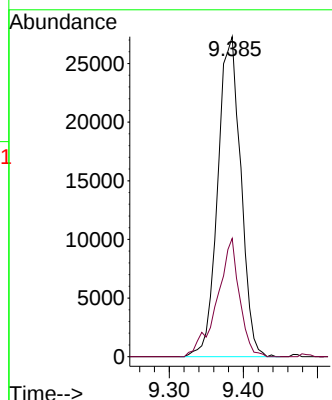
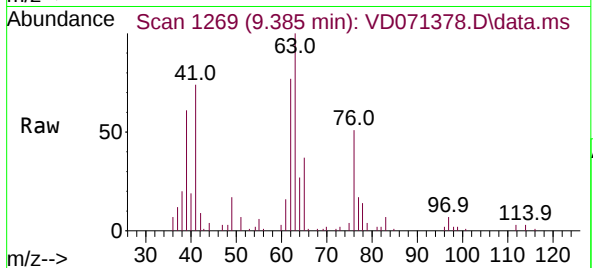
ClientSampleId :

Tgt Ion: 63 Resp: 58932

Ion Ratio Lower Upper

63 100

65 37.0 24.2 36.2#



#46

Dibromomethane

Concen: 23.301 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

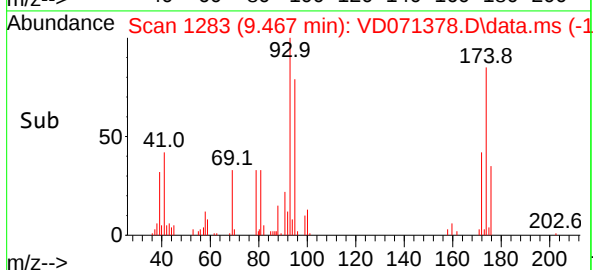
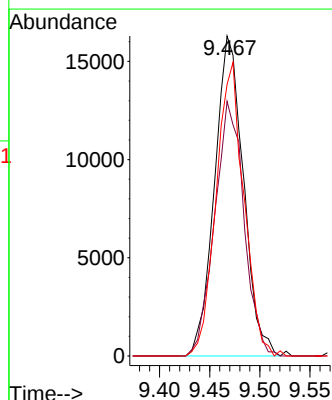
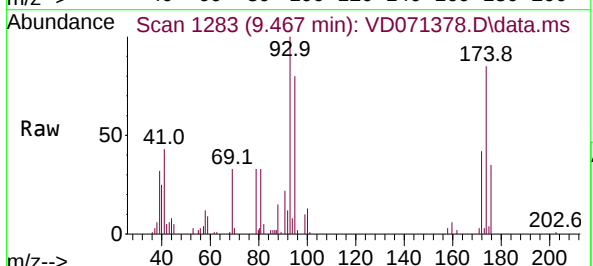
Tgt Ion: 93 Resp: 32504

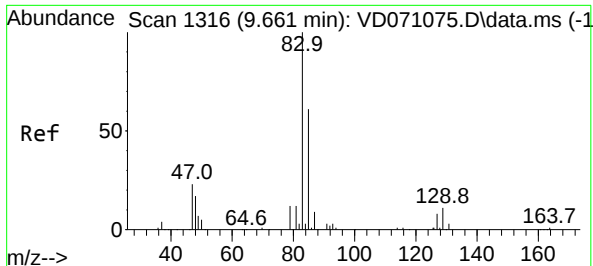
Ion Ratio Lower Upper

93 100

95 80.8 66.1 99.1

174 88.4 78.6 117.8

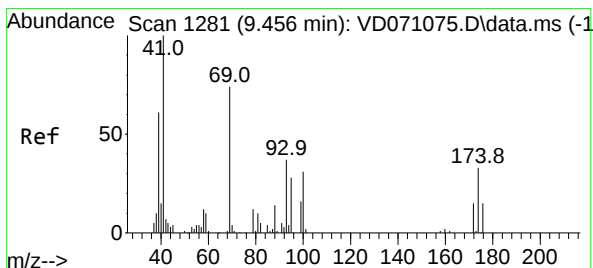
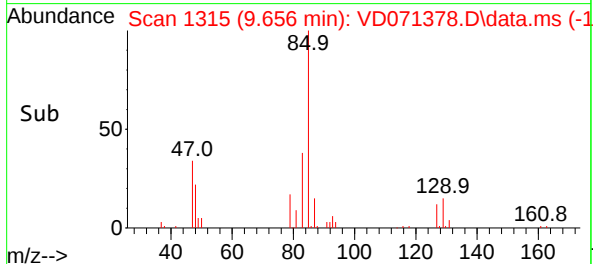
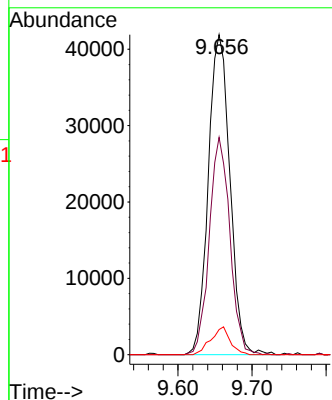
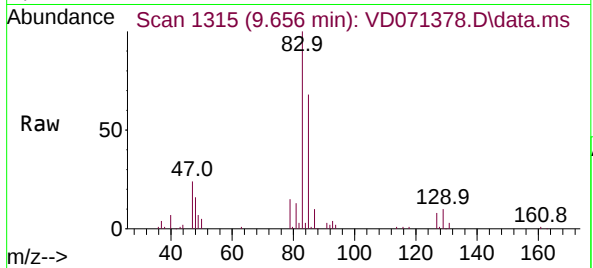




#47
Bromodichloromethane
Concen: 22.993 ug/l
RT: 9.656 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

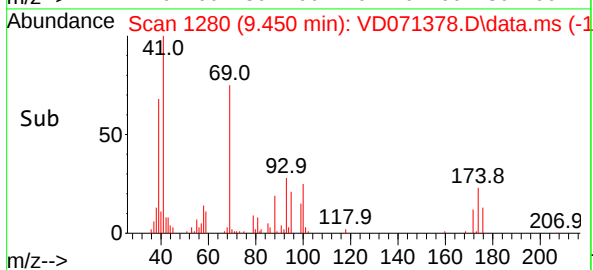
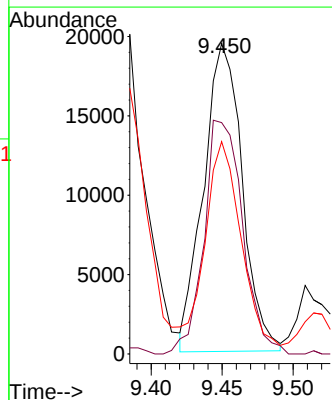
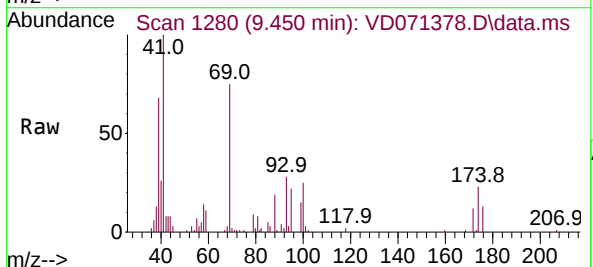
Instrument :
MSVOA_D
ClientSampleId :

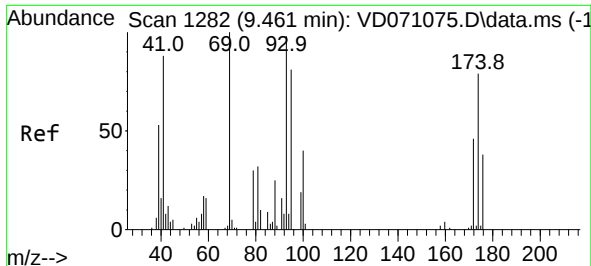
Tgt Ion: 83 Resp: 84826
Ion Ratio Lower Upper
83 100
85 67.9 50.0 75.0
127 7.8 7.3 10.9



#48
Methyl methacrylate
Concen: 23.112 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 41 Resp: 36784
Ion Ratio Lower Upper
41 100
69 75.8 69.8 104.6
39 60.5 35.6 53.4#





#49

1,4-Dioxane

Concen: 539.588 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.011 min

Lab File: VD071378.D

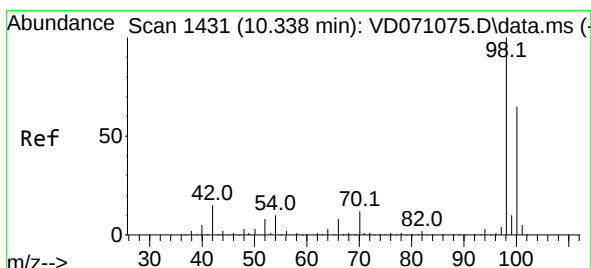
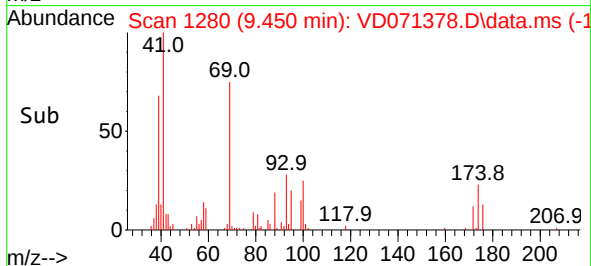
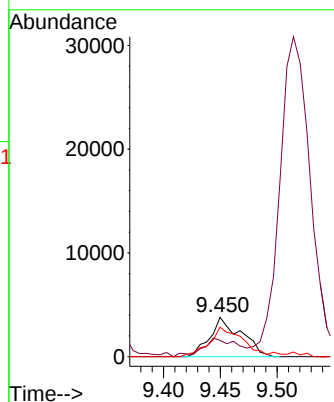
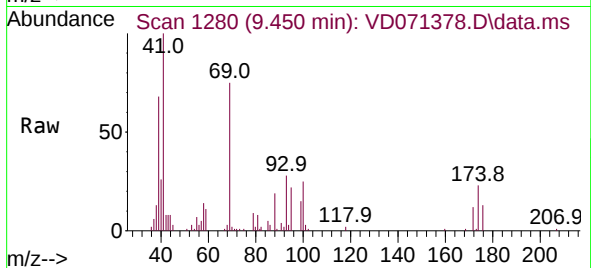
Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	88	Resp:	7266
Ion	Ratio	Lower	Upper
88	100		
43	51.4	28.9	43.3#
58	83.6	56.3	84.5



#50

Toluene-d8

Concen: 50.930 ug/l

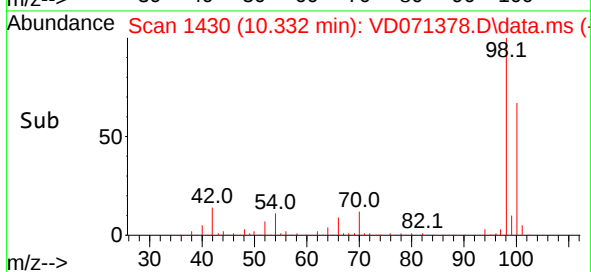
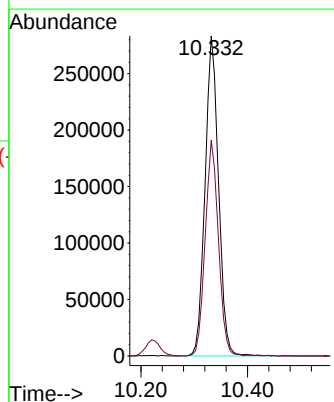
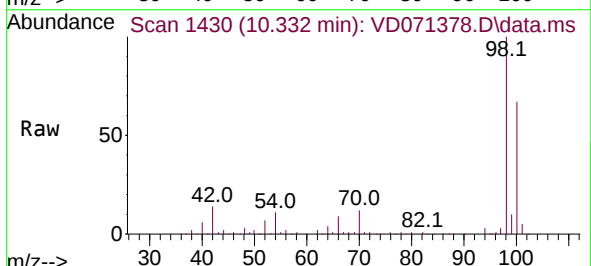
RT: 10.332 min Scan# 1430

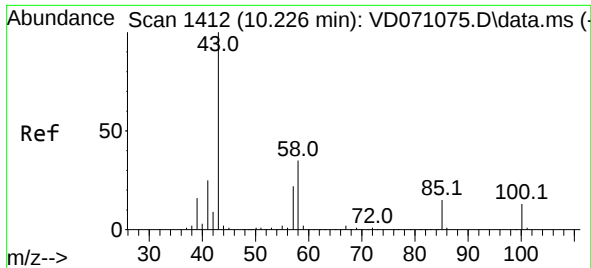
Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Tgt Ion:	98	Resp:	497041
Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.8	77.6

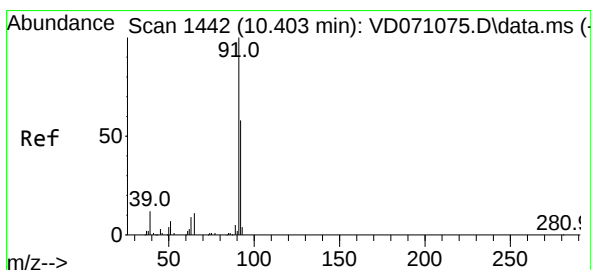
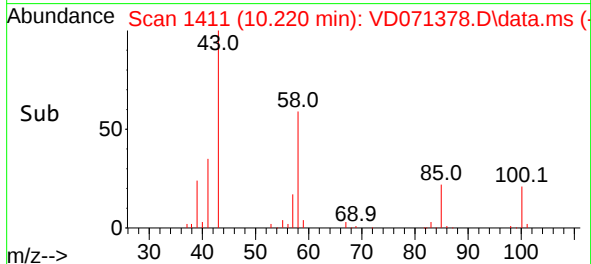
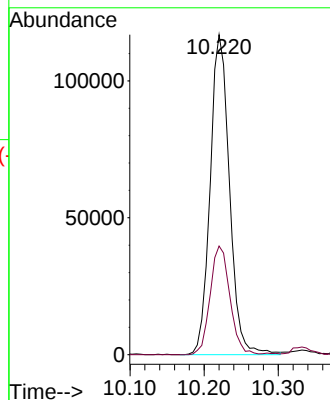
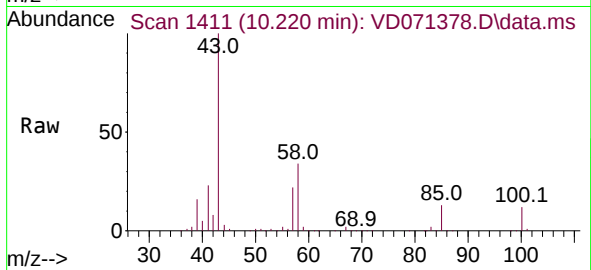




#51
4-Methyl-2-Pentanone
Concen: 132.149 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

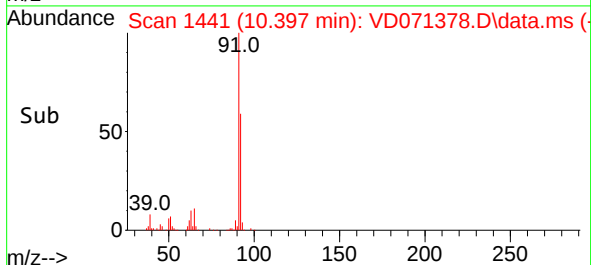
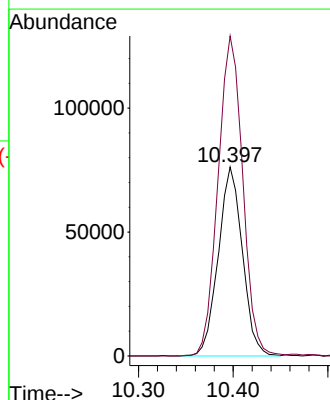
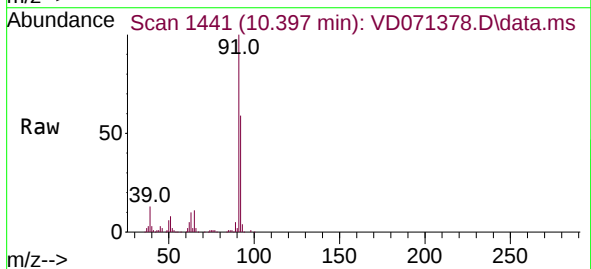
Instrument :
MSVOA_D
ClientSampleId :

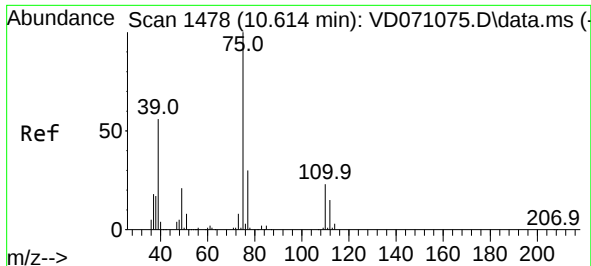
Tgt Ion: 43 Resp: 212092
Ion Ratio Lower Upper
43 100
58 34.6 33.1 49.7



#52
Toluene
Concen: 20.829 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 92 Resp: 135122
Ion Ratio Lower Upper
92 100
91 173.3 140.7 211.1

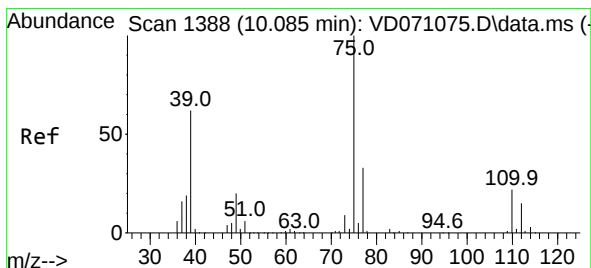
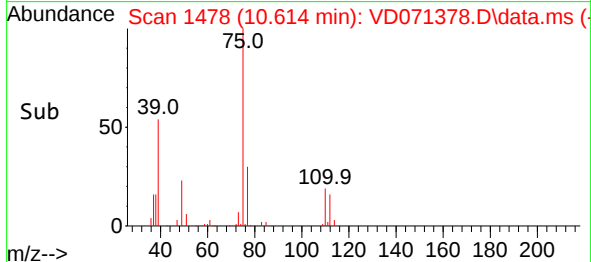
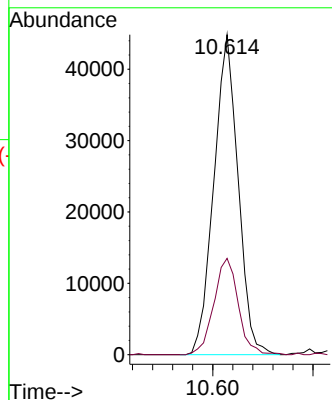
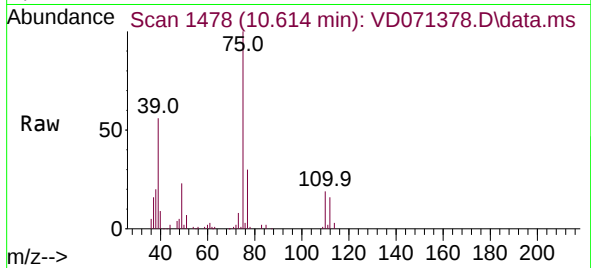




#53
t-1,3-Dichloropropene
Concen: 22.143 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

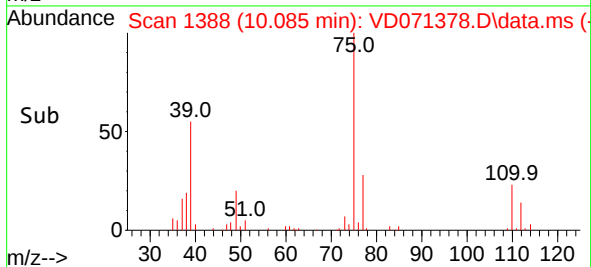
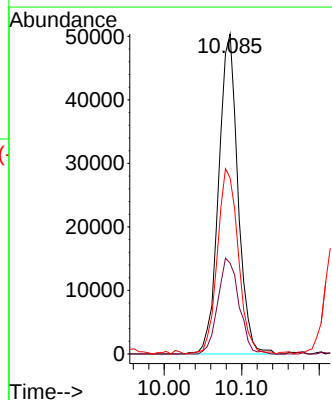
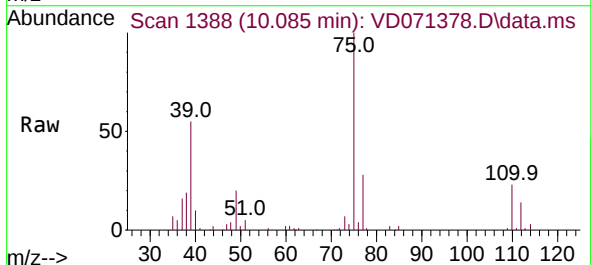
Instrument :
MSVOA_D
ClientSampleId :

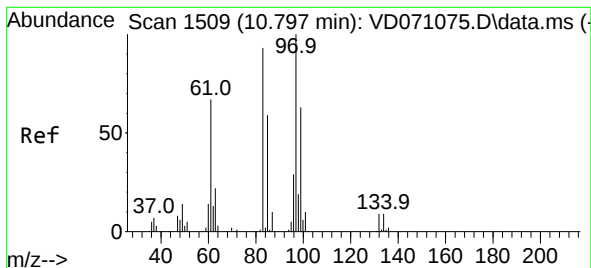
Tgt Ion: 75 Resp: 75107
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 21.606 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 75 Resp: 87052
Ion Ratio Lower Upper
75 100
77 28.3 25.0 37.6
39 54.5 31.6 47.4#

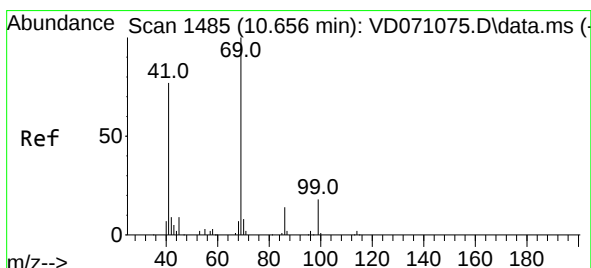
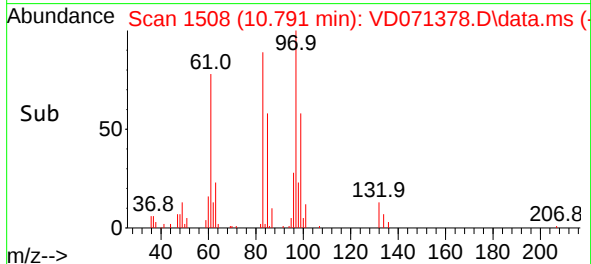
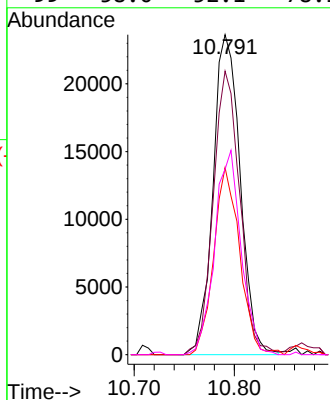
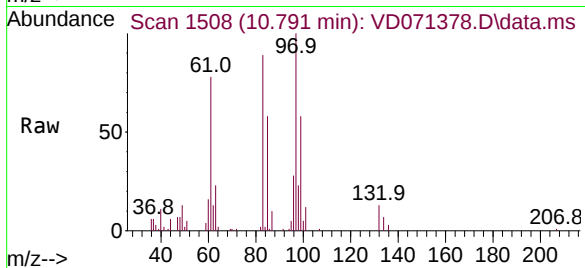




#55
1,1,2-Trichloroethane
Concen: 24.293 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

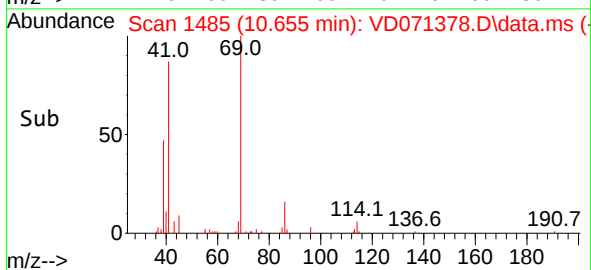
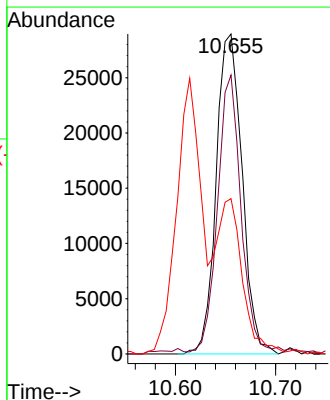
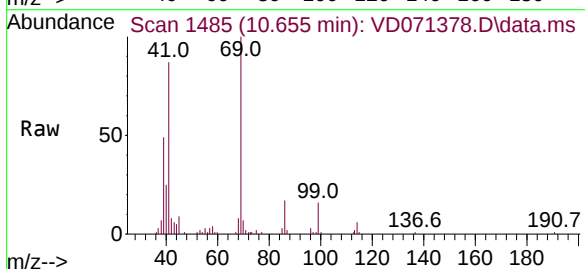
Instrument :
MSVOA_D
ClientSampleId :

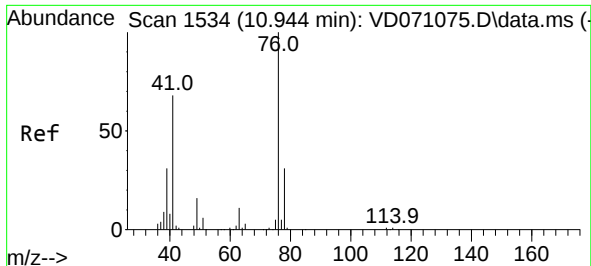
Tgt Ion: 97	Resp: 44456
Ion Ratio	Lower Upper
97 100	
83 88.6	65.2 97.8
85 58.4	43.4 65.0
99 58.0	52.1 78.1



#56
Ethyl methacrylate
Concen: 23.327 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 69	Resp: 51927
Ion Ratio	Lower Upper
69 100	
41 81.2	50.2 75.2#
39 43.2	19.8 29.8#





#57

1,3-Dichloropropane

Concen: 24.041 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

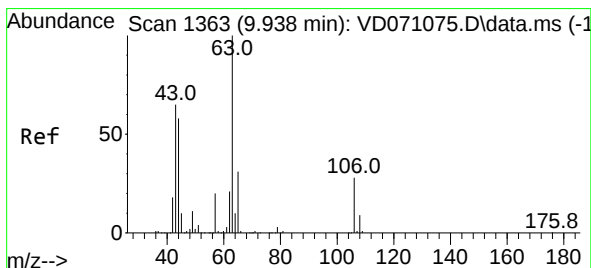
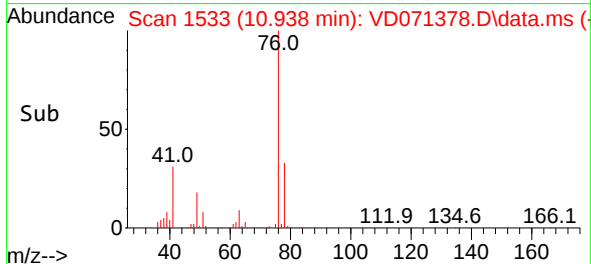
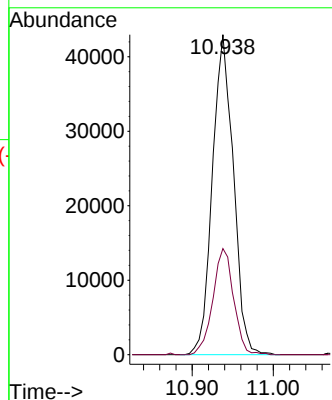
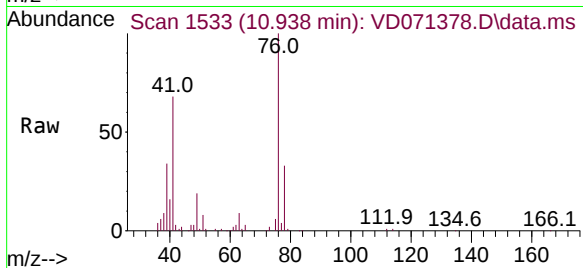
ClientSampleId :

Tgt Ion: 76 Resp: 77288

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 140.367 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071378.D

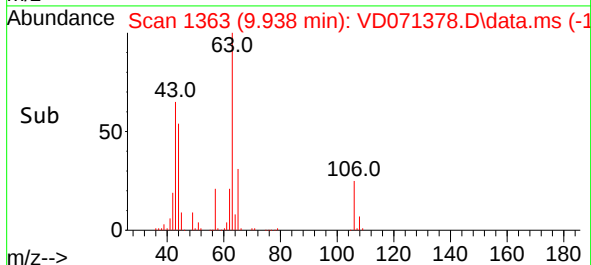
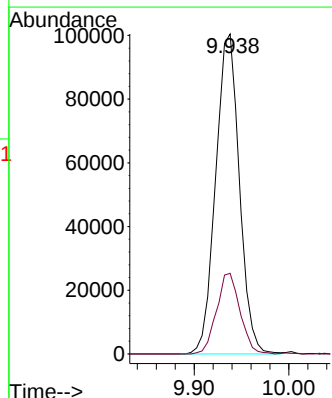
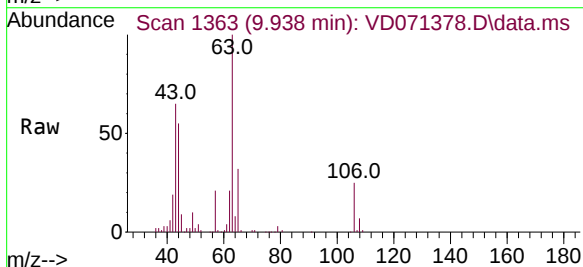
Acq: 17 Dec 2021 11:43

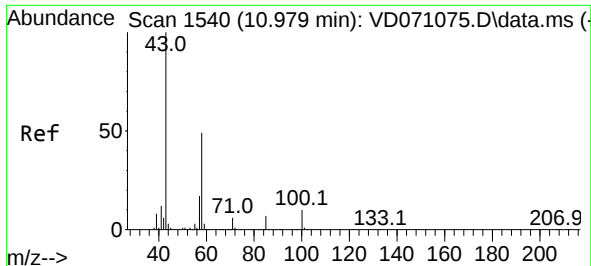
Tgt Ion: 63 Resp: 174797

Ion Ratio Lower Upper

63 100

106 24.9 21.0 31.4

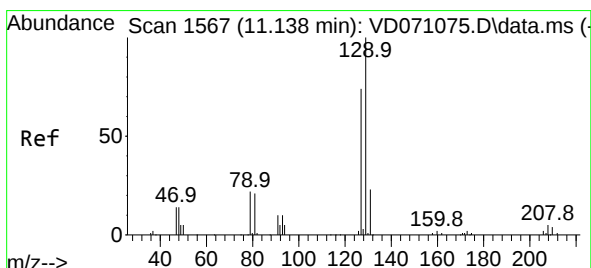
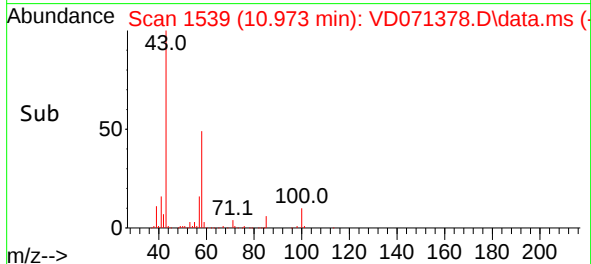
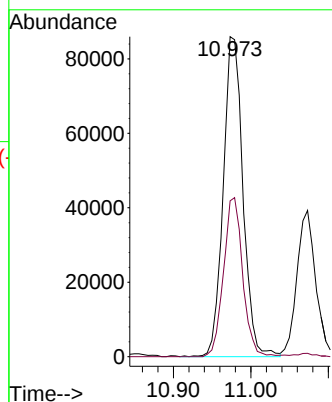
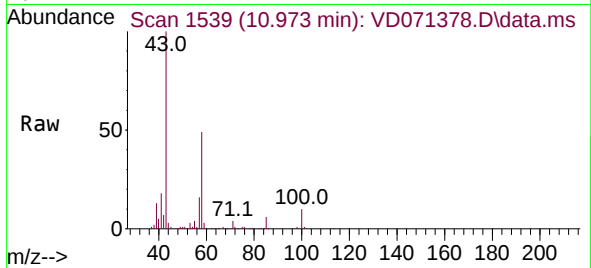




#59
2-Hexanone
Concen: 129.648 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

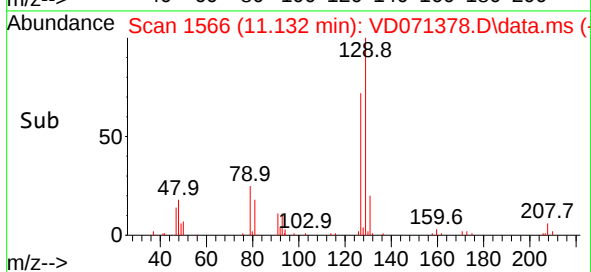
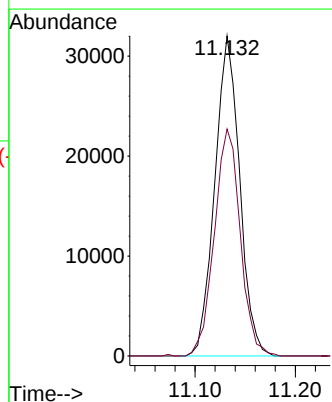
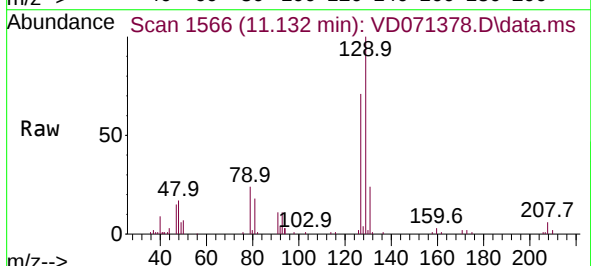
Instrument :
MSVOA_D
ClientSampleId :

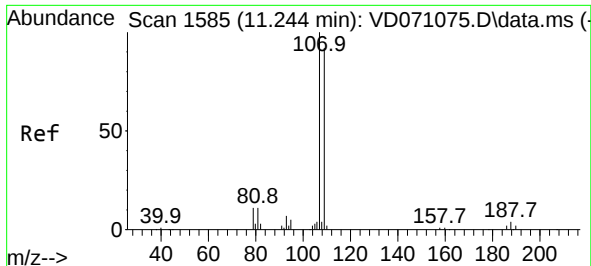
Tgt Ion: 43 Resp: 152424
Ion Ratio Lower Upper
43 100
58 48.2 28.7 86.1



#60
Dibromochloromethane
Concen: 24.256 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:129 Resp: 55169
Ion Ratio Lower Upper
129 100
127 73.9 38.9 116.6

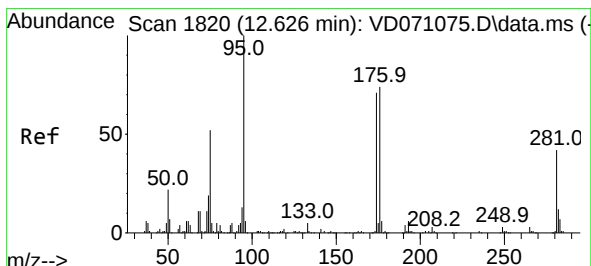
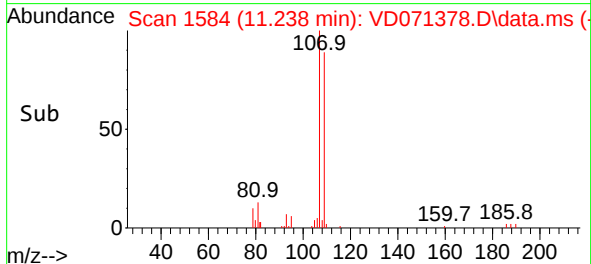
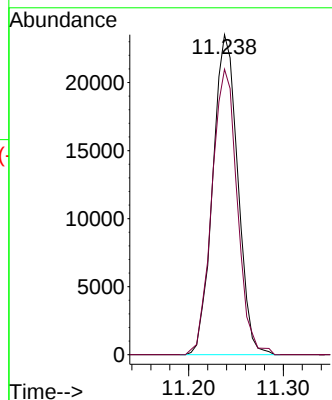
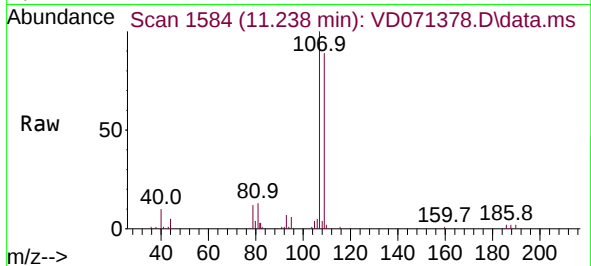




#61
1,2-Dibromoethane
Concen: 24.455 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

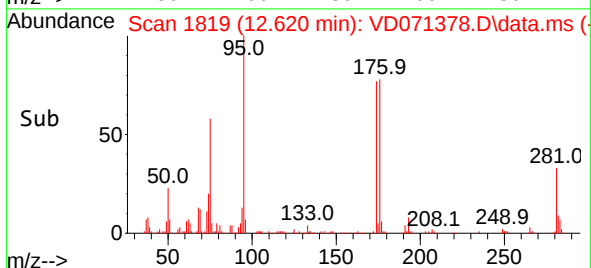
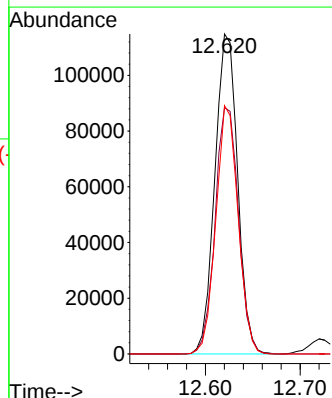
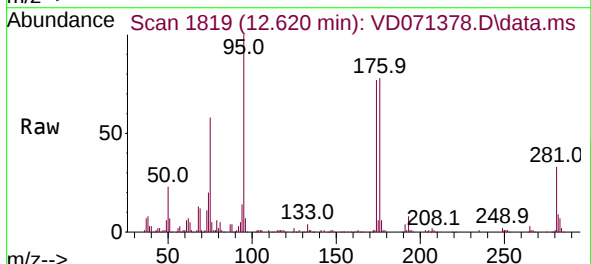
Instrument :
MSVOA_D
ClientSampleId :

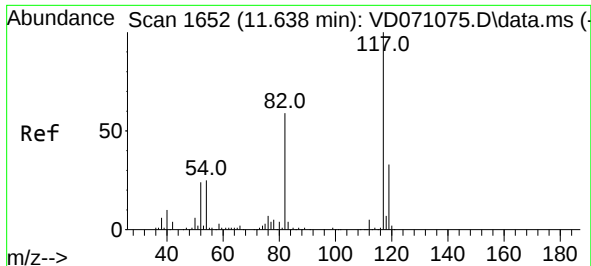
Tgt Ion:107 Resp: 42980
Ion Ratio Lower Upper
107 100
109 90.9 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 56.699 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

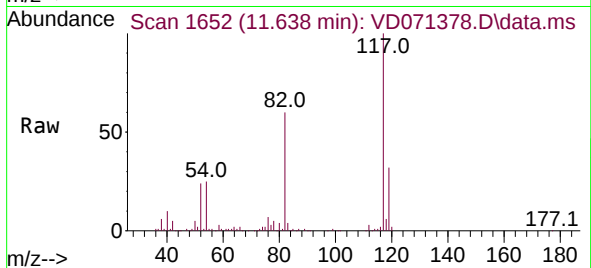
Tgt Ion: 95 Resp: 191809
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.4
176 75.9 0.0 154.0



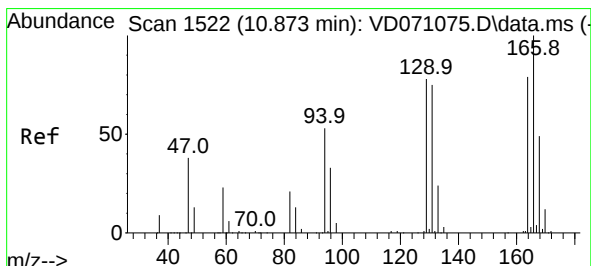
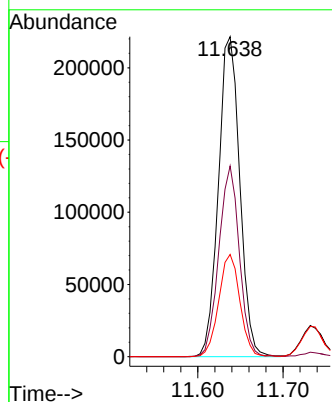
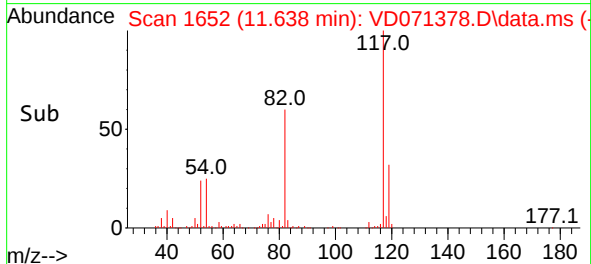


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

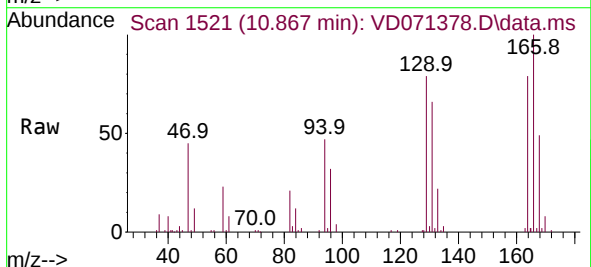
Instrument :
MSVOA_D
ClientSampleId :



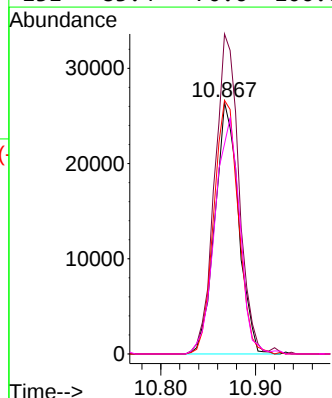
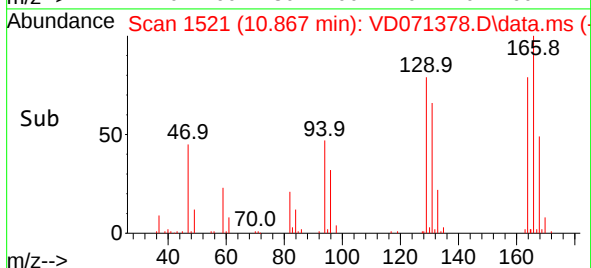
Tgt Ion:117 Resp: 386727
Ion Ratio Lower Upper
117 100
82 59.6 44.7 67.1
119 31.9 26.2 39.4

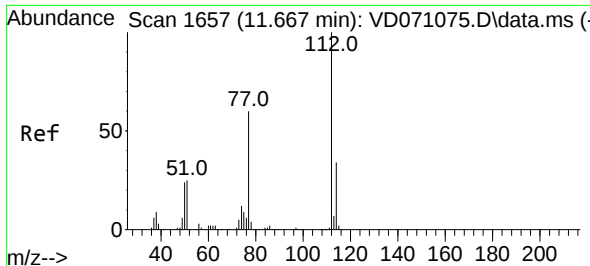


#64
Tetrachloroethene
Concen: 18.701 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43



Tgt Ion:164 Resp: 45913
Ion Ratio Lower Upper
164 100
166 127.1 102.6 153.8
129 100.7 75.4 113.0
131 83.4 70.6 106.0

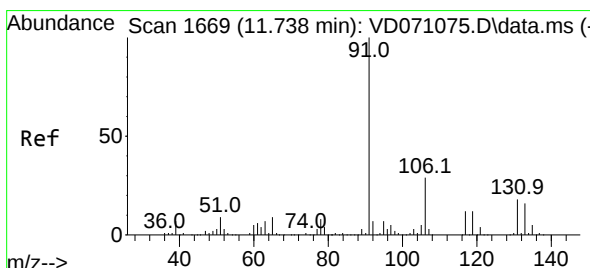
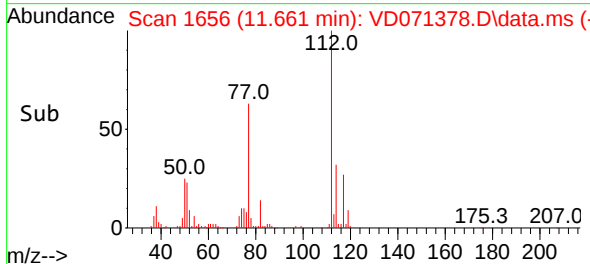
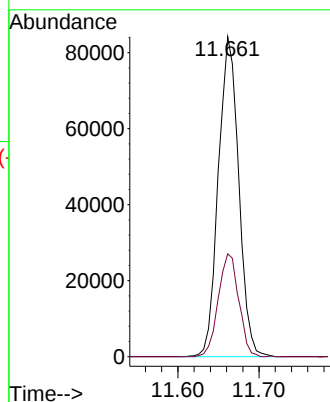
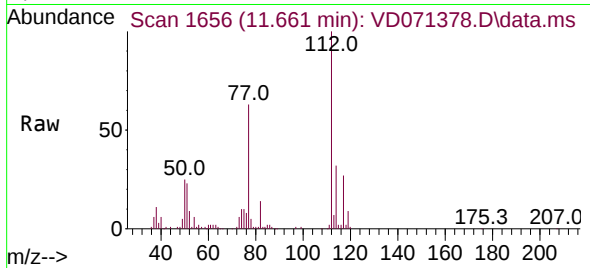




#65
Chlorobenzene
Concen: 20.488 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

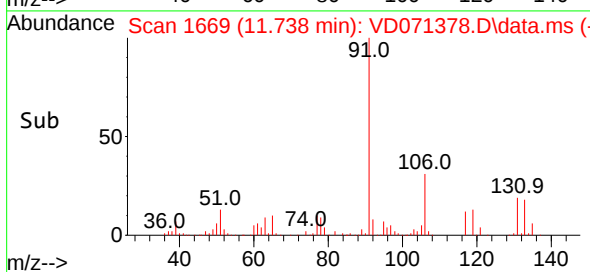
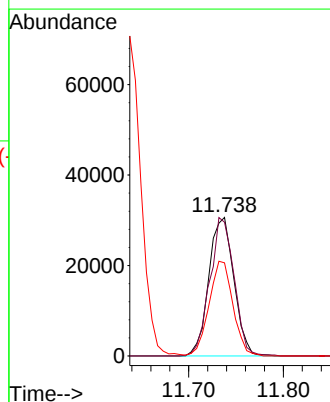
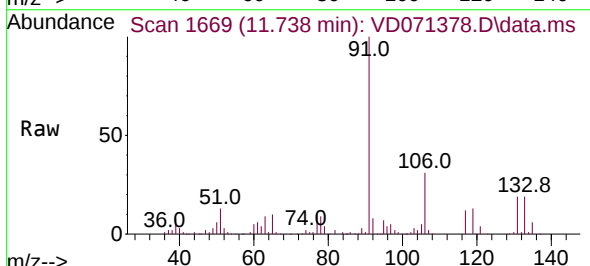
Instrument :
MSVOA_D
ClientSampleId :

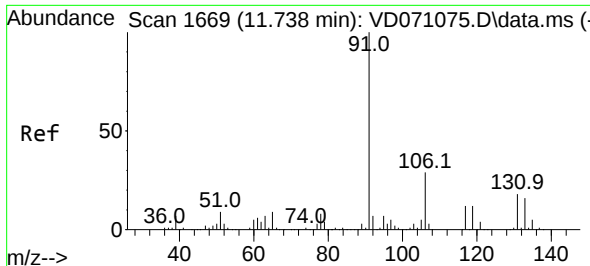
Tgt Ion:112 Resp: 147012
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.496 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:131 Resp: 56318
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 65.1 33.5 100.4





#67

Ethyl Benzene

Concen: 19.363 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

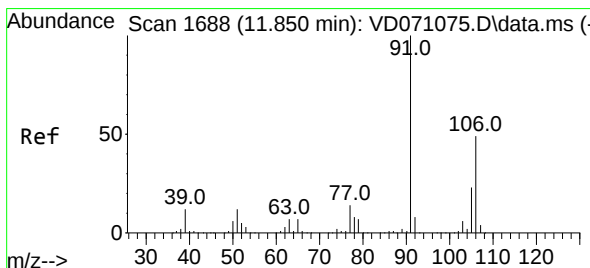
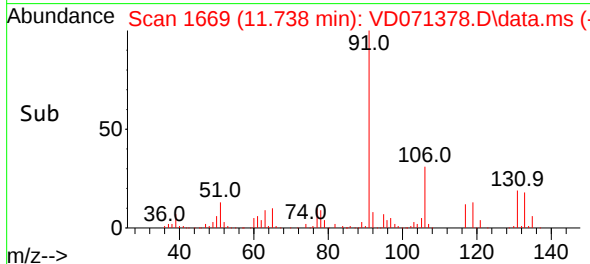
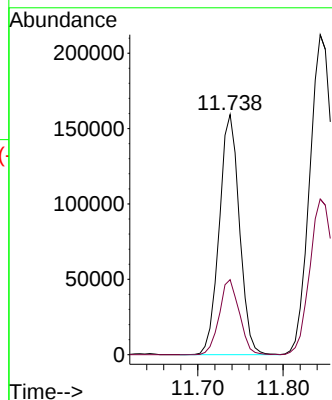
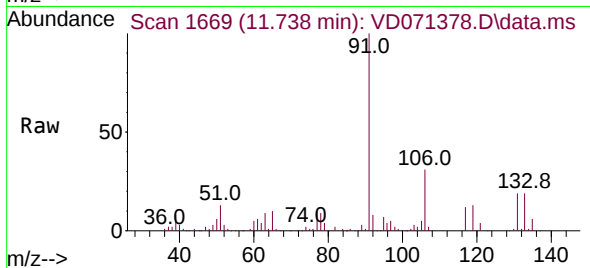
ClientSampleId :

Tgt Ion: 91 Resp: 261554

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 38.649 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD071378.D

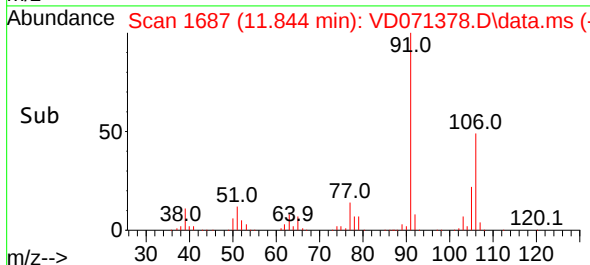
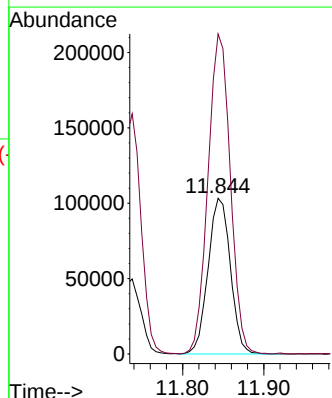
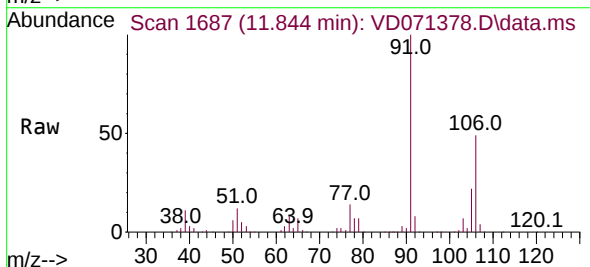
Acq: 17 Dec 2021 11:43

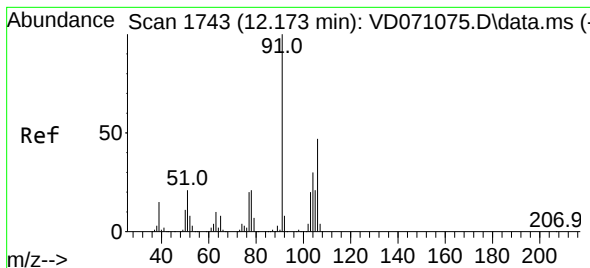
Tgt Ion:106 Resp: 197100

Ion Ratio Lower Upper

106 100

91 205.8 160.1 240.1





#69

o-Xylene

Concen: 19.294 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

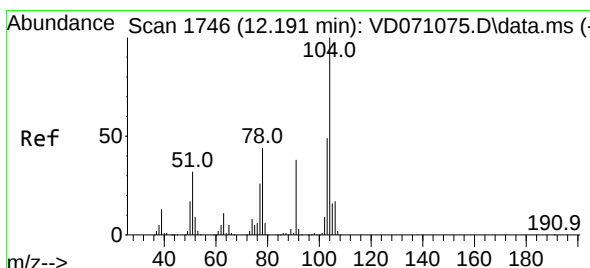
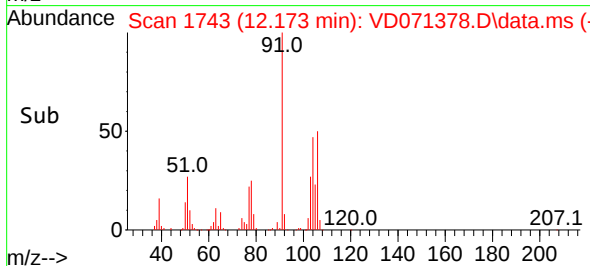
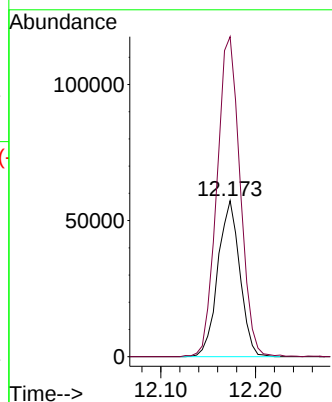
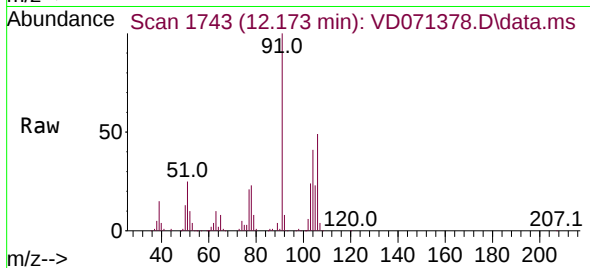
ClientSampleId :

Tgt Ion:106 Resp: 92480

Ion Ratio Lower Upper

106 100

91 216.7 106.3 319.0



#70

Styrene

Concen: 19.777 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.006 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

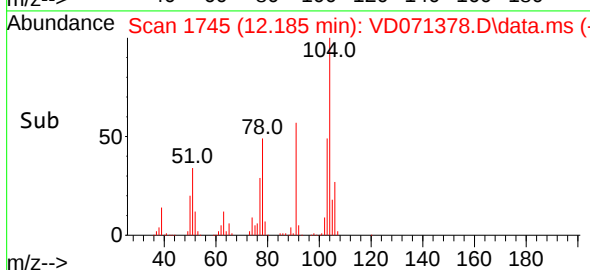
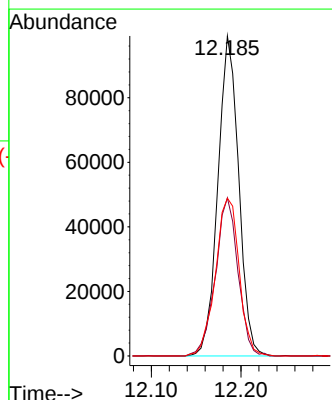
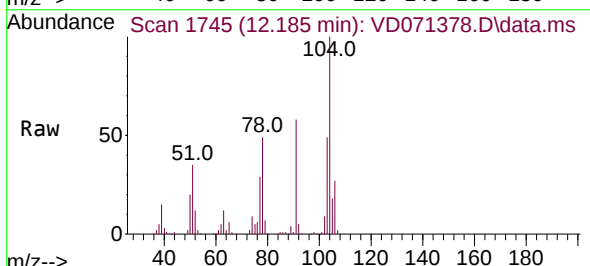
Tgt Ion:104 Resp: 159762

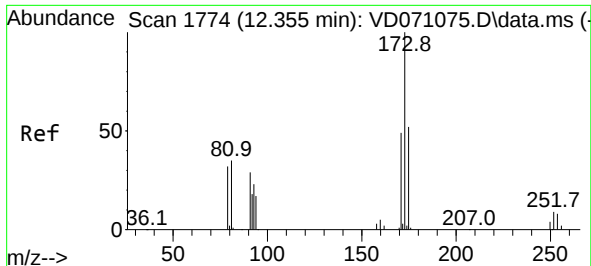
Ion Ratio Lower Upper

104 100

78 53.4 39.4 59.0

103 56.2 43.4 65.0

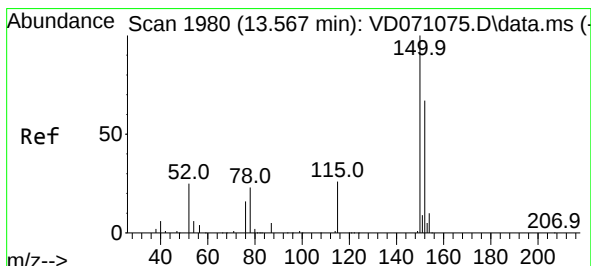
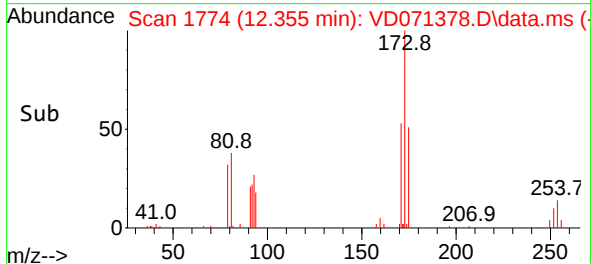
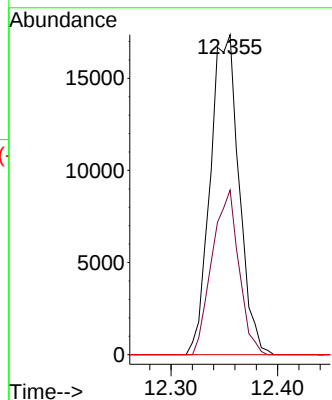
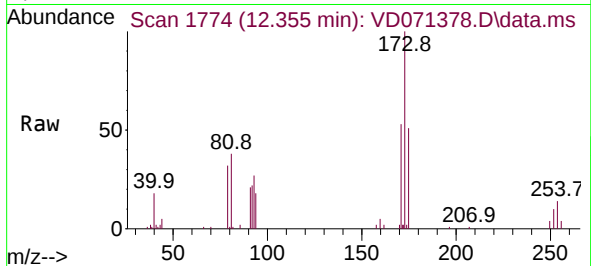




#71
Bromoform
Concen: 23.911 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

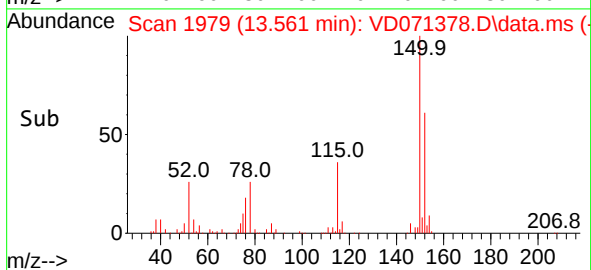
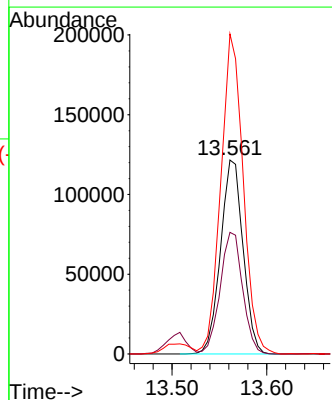
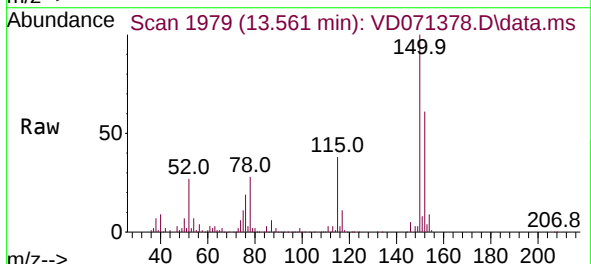
Instrument :
MSVOA_D
ClientSampleId :

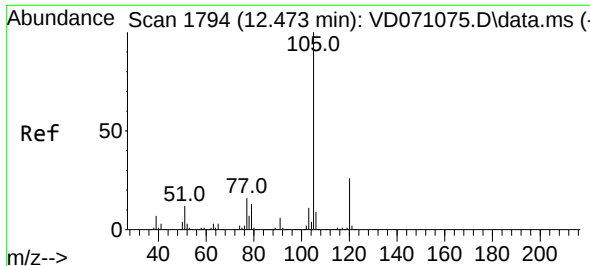
Tgt Ion:173 Resp: 32454
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:152 Resp: 200823
Ion Ratio Lower Upper
152 100
115 62.8 29.8 89.3
150 163.7 0.0 349.2

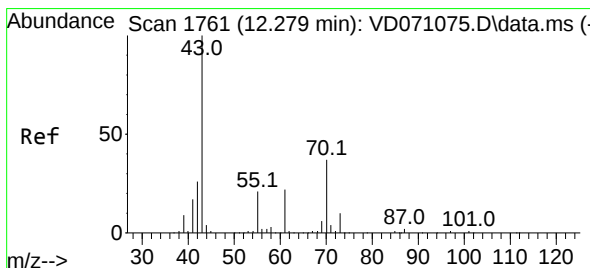
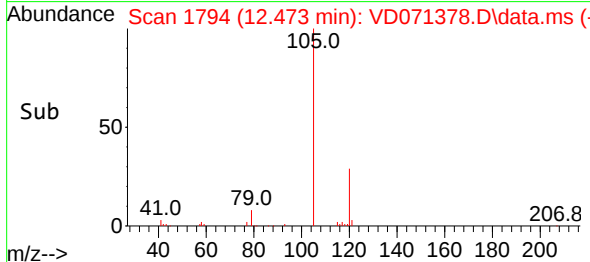
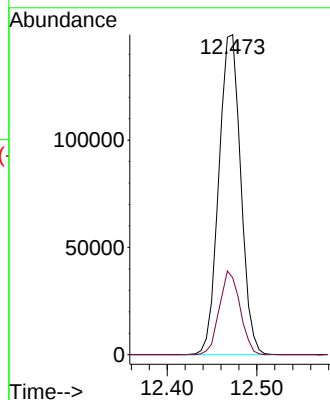
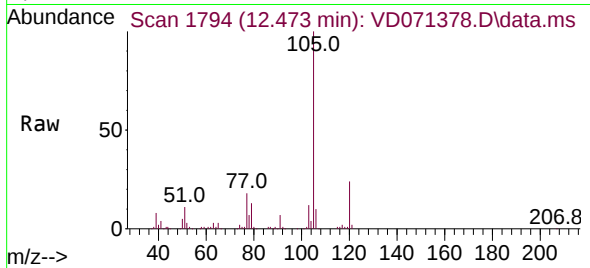




#73
Isopropylbenzene
Concen: 17.385 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

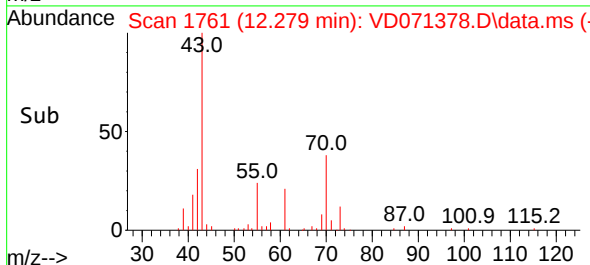
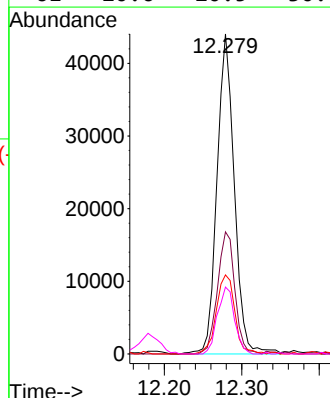
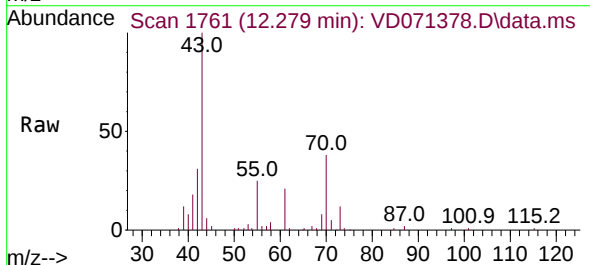
Instrument :
MSVOA_D
ClientSampleId :

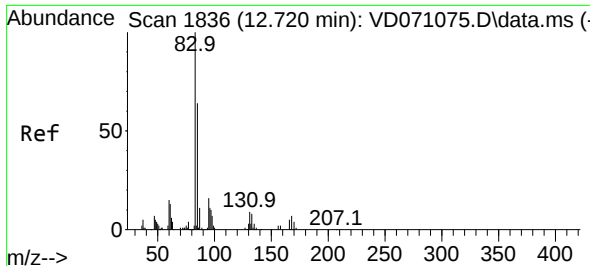
Tgt Ion:105 Resp: 252796
Ion Ratio Lower Upper
105 100
120 24.7 13.2 39.5



#74
N-ethyl acetate
Concen: 20.914 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 43 Resp: 68360
Ion Ratio Lower Upper
43 100
70 38.1 36.6 55.0
55 26.4 22.5 33.7
61 20.6 20.5 30.7

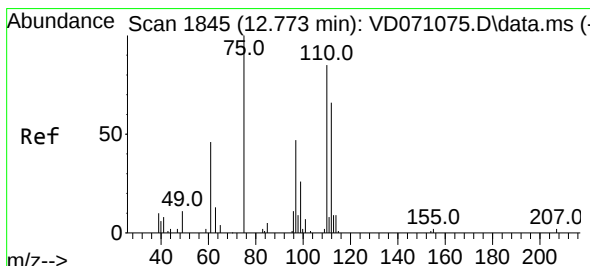
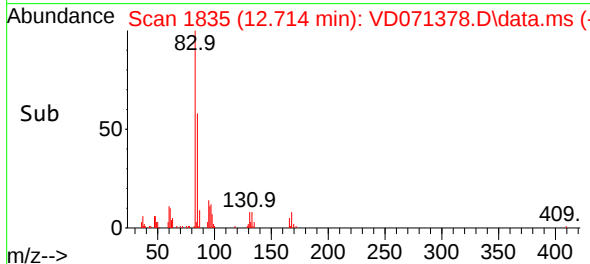
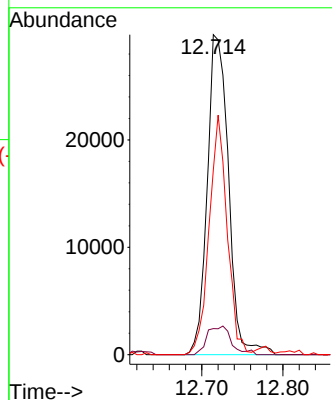
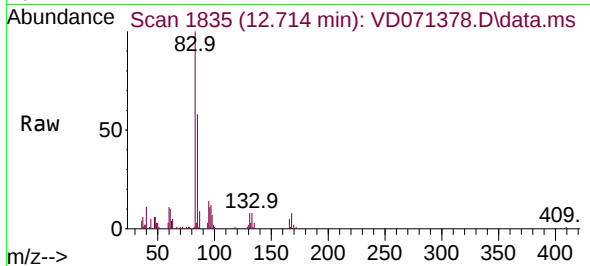




#75
1,1,2,2-Tetrachloroethane
Concen: 22.619 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

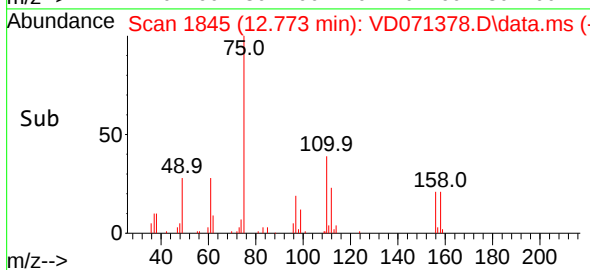
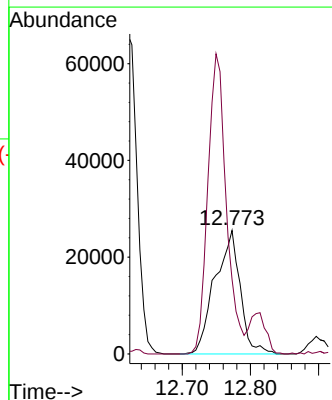
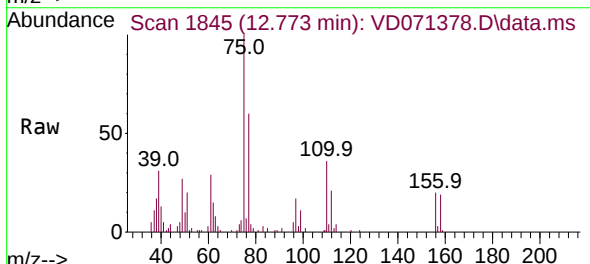
Instrument :
MSVOA_D
ClientSampleId :

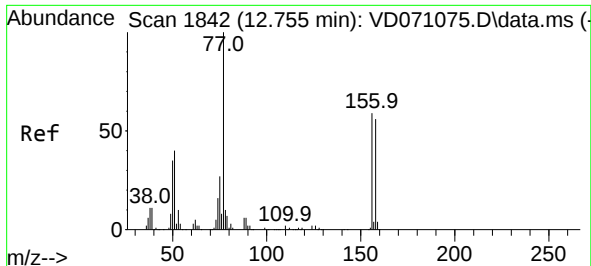
Tgt Ion: 83 Resp: 54164
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 63.5 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 34.400 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 75 Resp: 65820
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

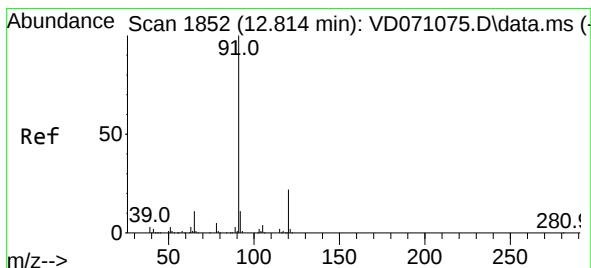
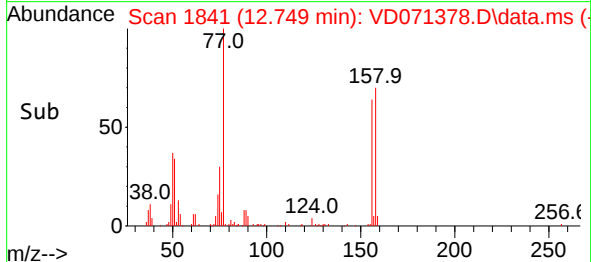
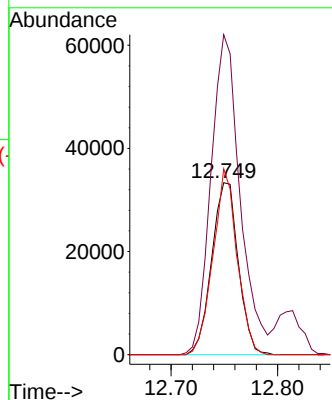
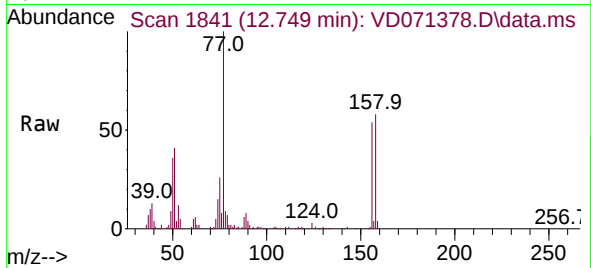




#77
Bromobenzene
Concen: 18.357 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

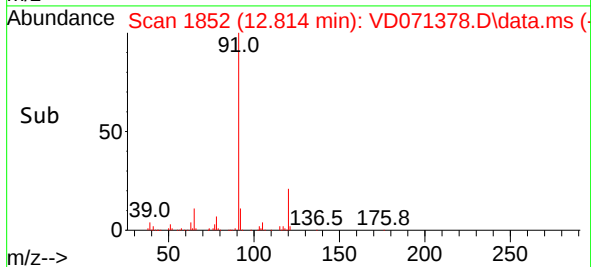
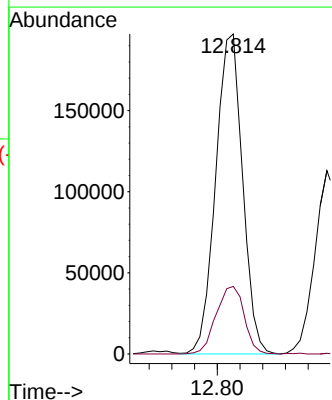
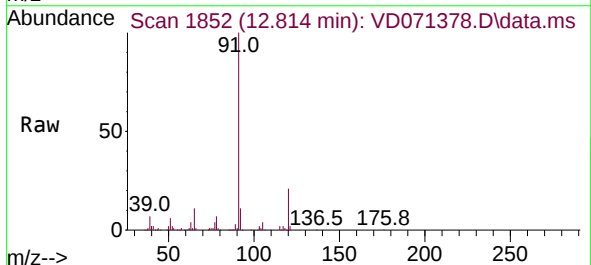
Instrument :
MSVOA_D
ClientSampleId :

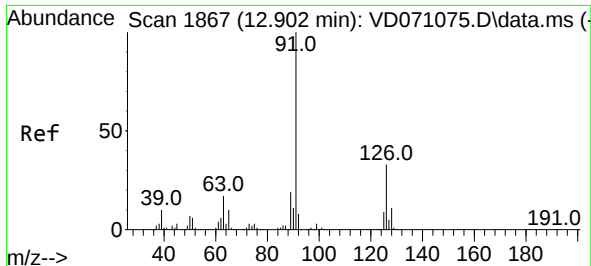
Tgt Ion	Ratio	Lower	Upper
156	100		
77	203.3	96.6	289.8
158	97.9	49.1	147.4



#78
n-propylbenzene
Concen: 17.894 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9





#79

2-Chlorotoluene

Concen: 18.043 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. -0.005 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

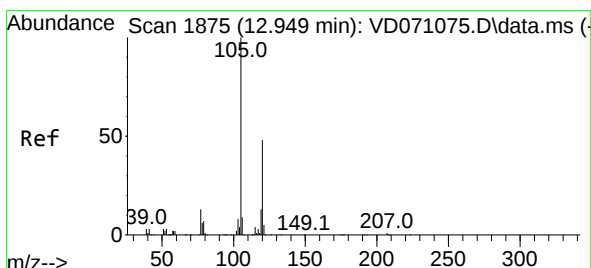
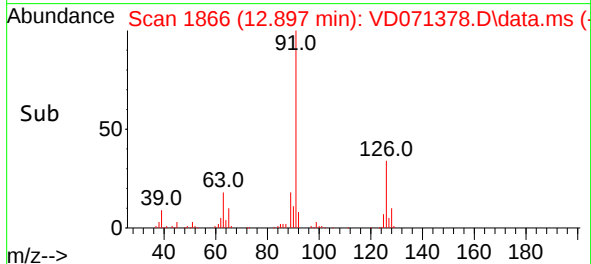
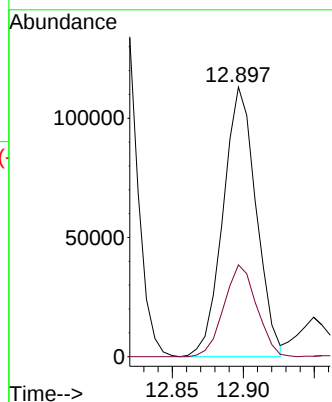
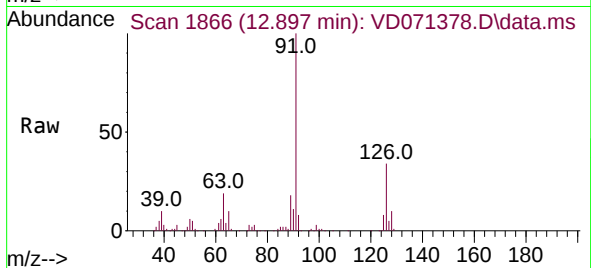
ClientSampleId :

Tgt Ion: 91 Resp: 183380

Ion Ratio Lower Upper

91 100

126 33.7 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 17.558 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071378.D

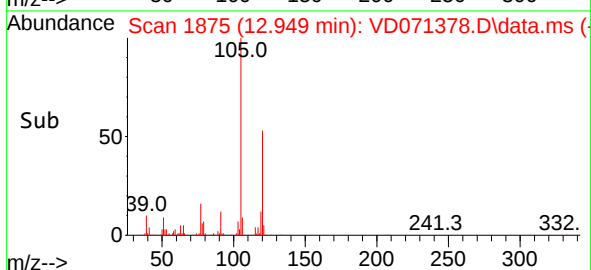
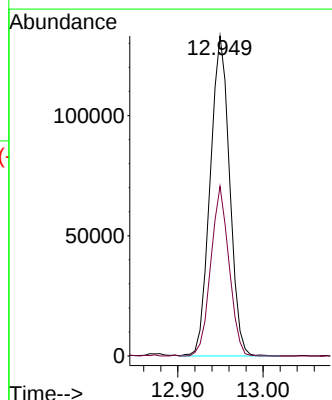
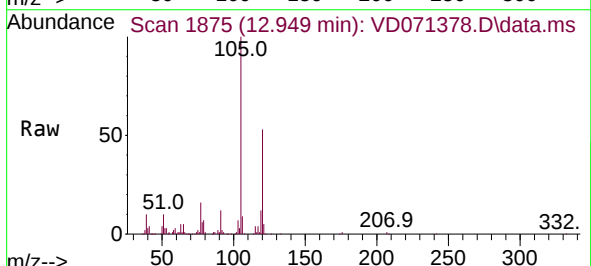
Acq: 17 Dec 2021 11:43

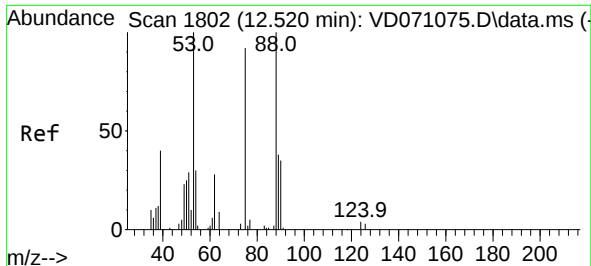
Tgt Ion: 105 Resp: 210537

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8

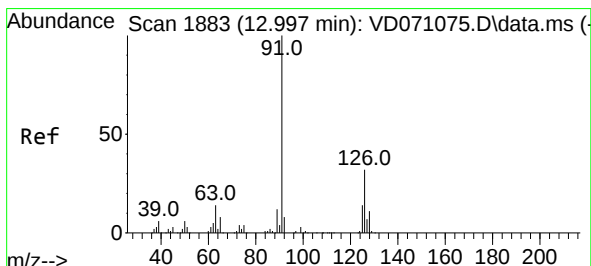
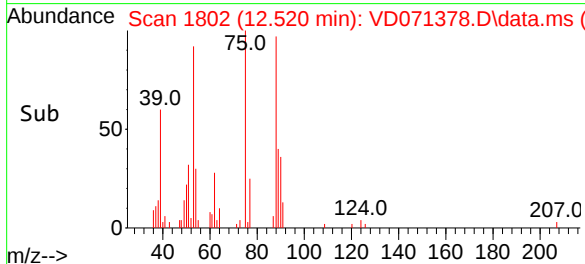
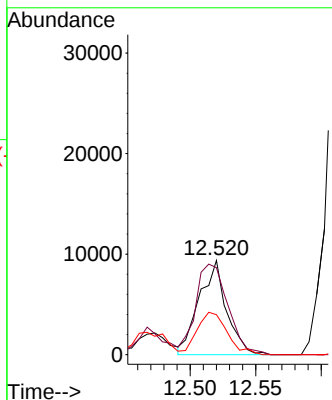
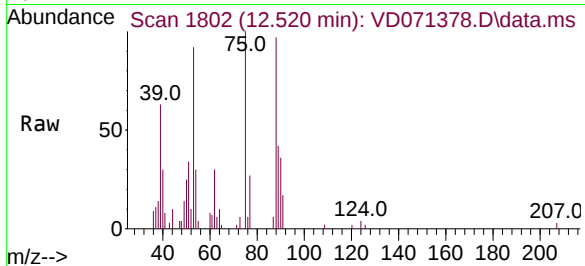




#81
trans-1,4-Dichloro-2-butene
Concen: 20.469 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

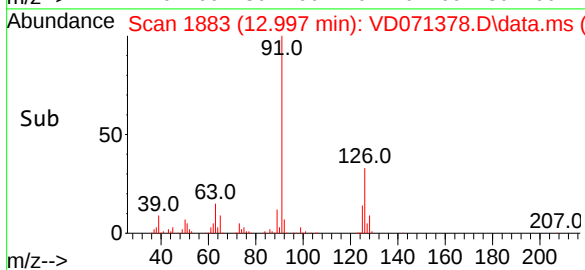
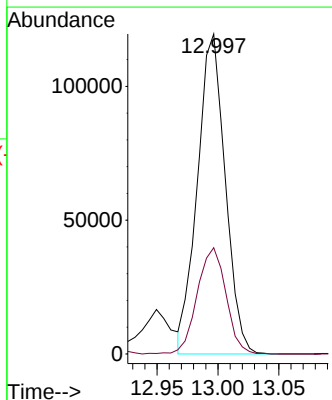
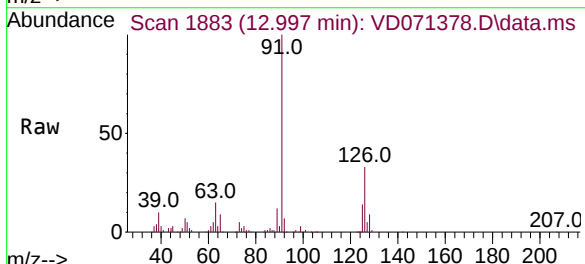
Instrument :
MSVOA_D
ClientSampleId :

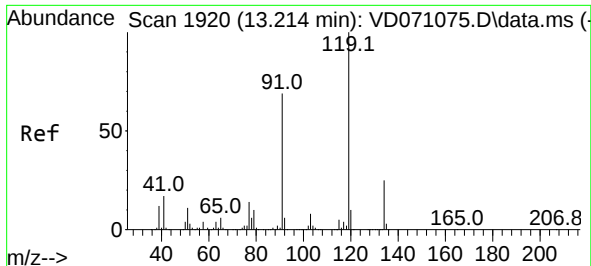
Tgt Ion: 75 Resp: 13591
Ion Ratio Lower Upper
75 100
53 113.7 62.6 94.0#
89 49.6 34.5 51.7



#82
4-Chlorotoluene
Concen: 18.001 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion: 91 Resp: 189943
Ion Ratio Lower Upper
91 100
126 34.3 16.4 49.1

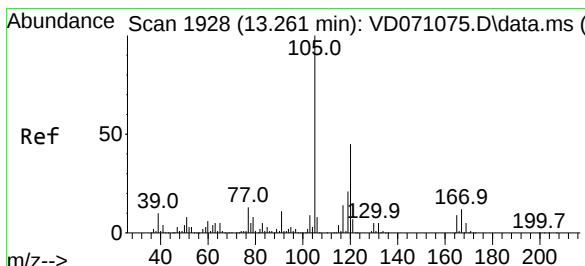
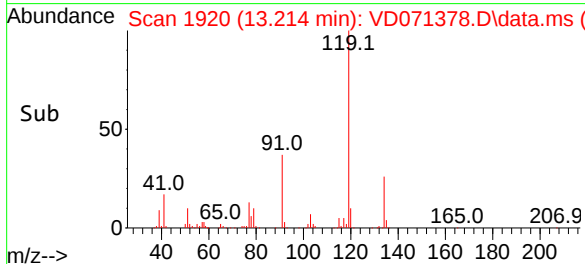
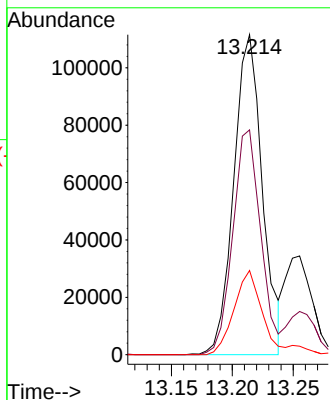
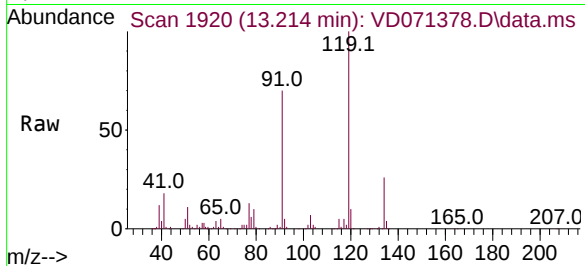




#83
tert-Butylbenzene
Concen: 17.671 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

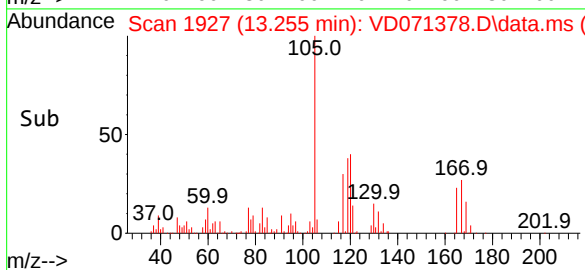
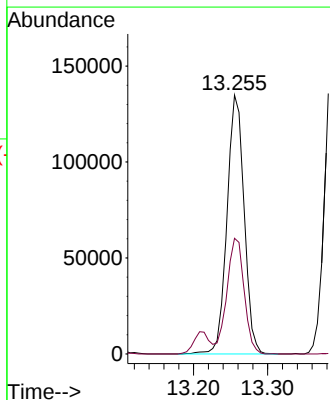
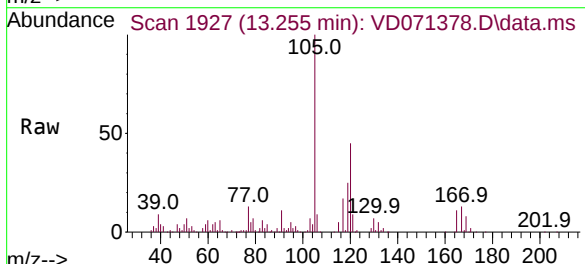
Instrument :
MSVOA_D
ClientSampleId :

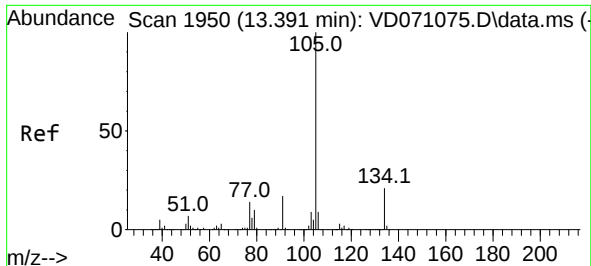
Tgt Ion:119 Resp: 181976
Ion Ratio Lower Upper
119 100
91 68.6 32.5 97.5
134 25.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 18.463 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:105 Resp: 216141
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.7

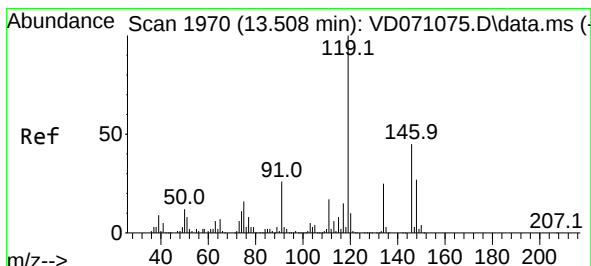
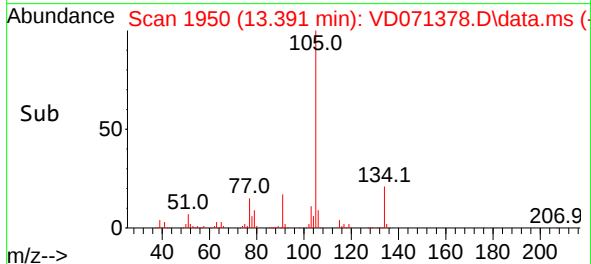
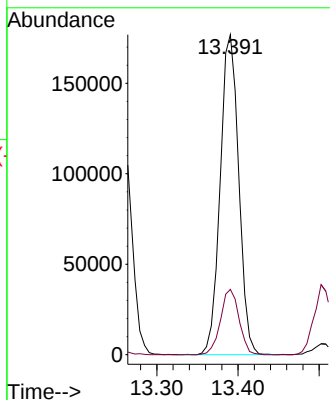
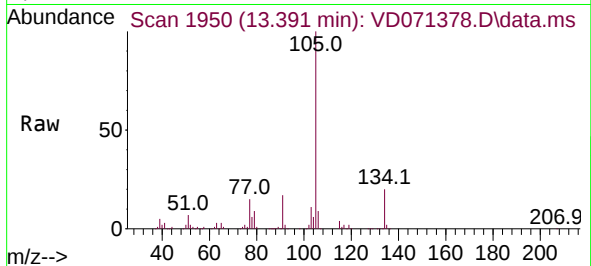




#85
 sec-Butylbenzene
 Concen: 17.835 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071378.D
 Acq: 17 Dec 2021 11:43

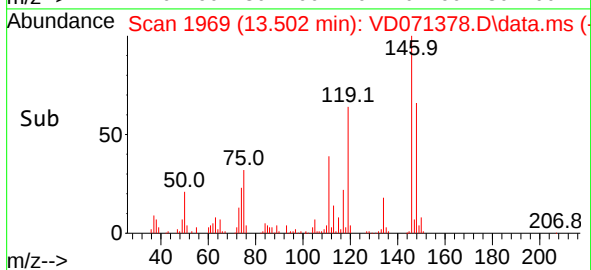
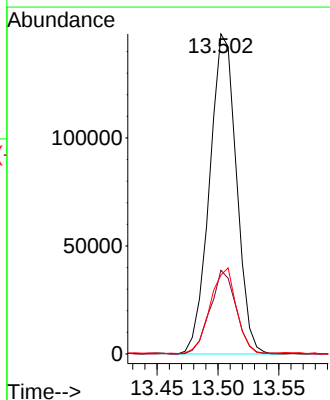
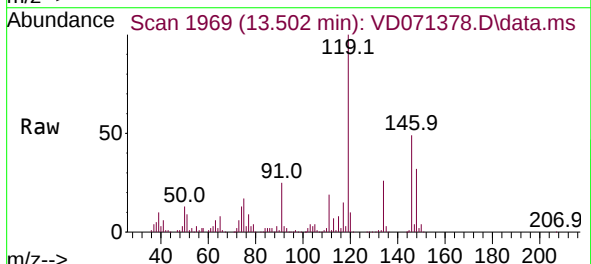
Instrument :
 MSVOA_D
 ClientSampleId :

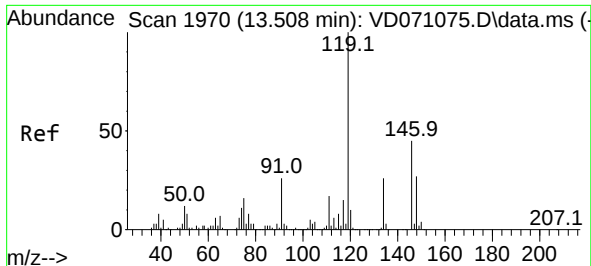
Tgt Ion:105 Resp: 280519
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 17.682 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071378.D
 Acq: 17 Dec 2021 11:43

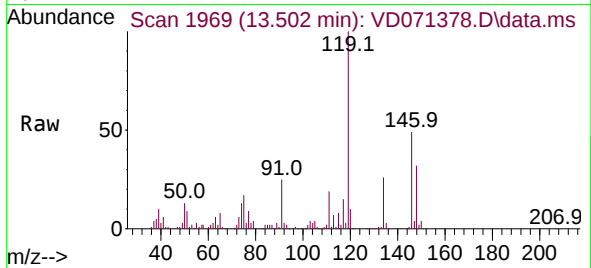
Tgt Ion:119 Resp: 227461
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 26.0 11.4 34.2



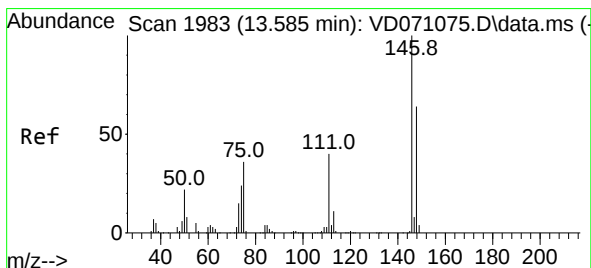
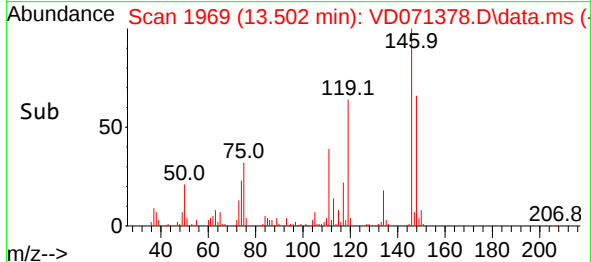
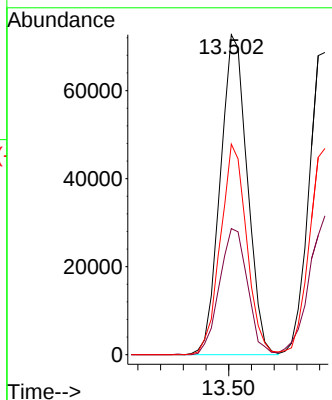


#87
1,3-Dichlorobenzene
Concen: 19.145 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

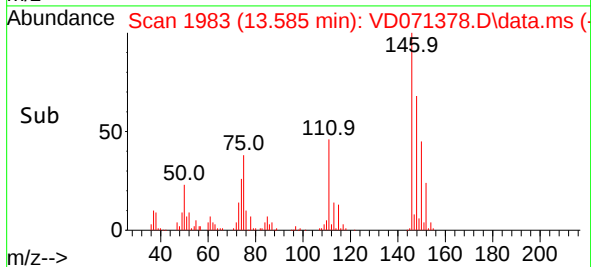
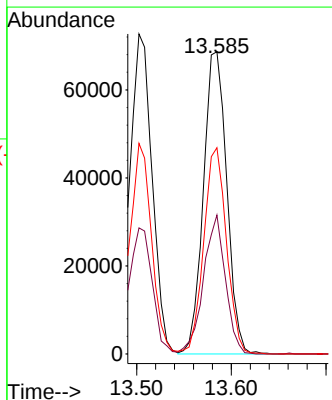
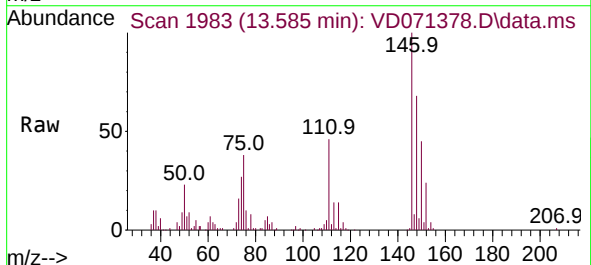


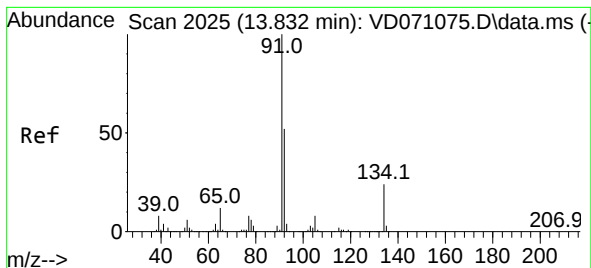
Tgt Ion:146 Resp: 120035
Ion Ratio Lower Upper
146 100
111 40.9 19.8 59.4
148 64.1 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 18.966 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:146 Resp: 117809
Ion Ratio Lower Upper
146 100
111 43.1 19.6 58.8
148 66.5 31.5 94.5





#89

n-Butylbenzene

Concen: 18.204 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. -0.000 min

Lab File: VD071378.D

Acq: 17 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

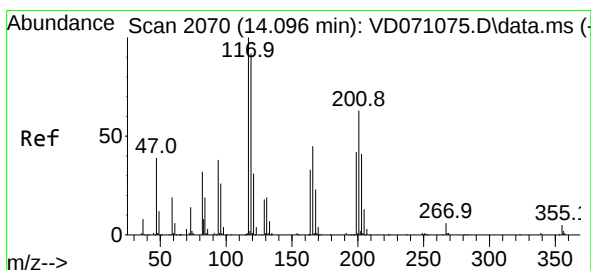
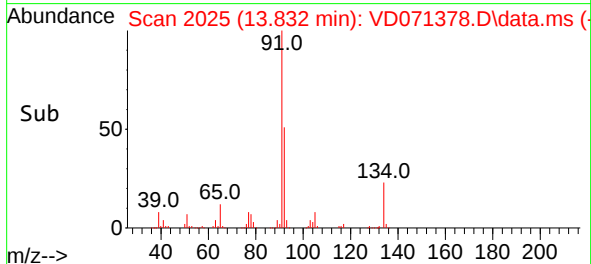
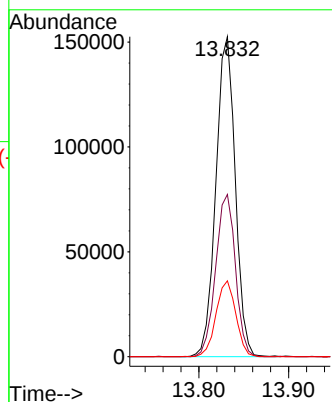
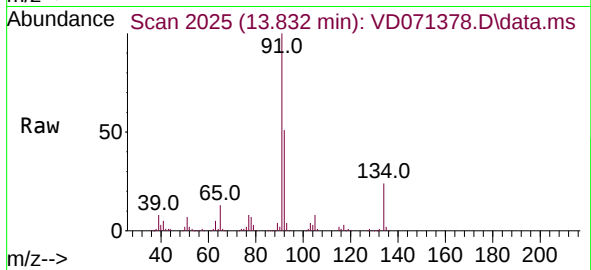
Tgt Ion: 91 Resp: 228600

Ion Ratio Lower Upper

91 100

92 51.8 27.3 81.9

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 19.542 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD071378.D

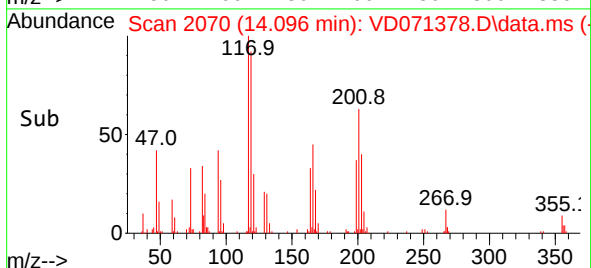
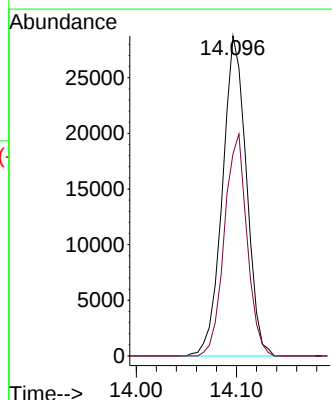
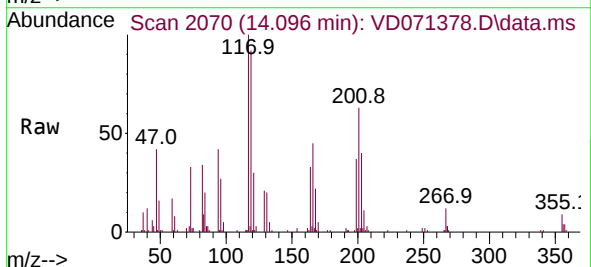
Acq: 17 Dec 2021 11:43

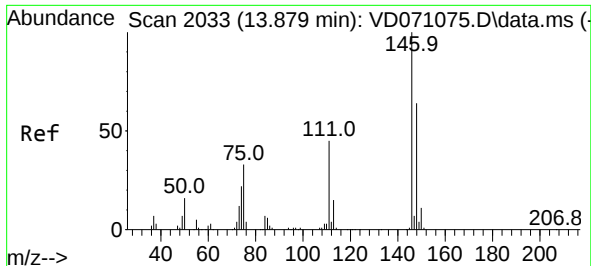
Tgt Ion: 117 Resp: 47656

Ion Ratio Lower Upper

117 100

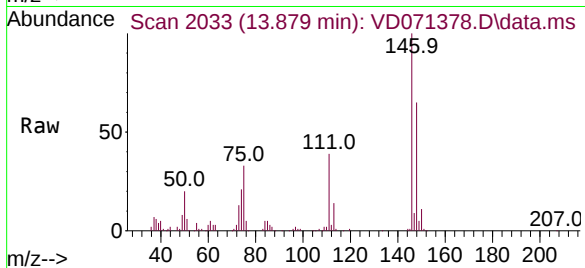
201 65.5 36.0 108.1



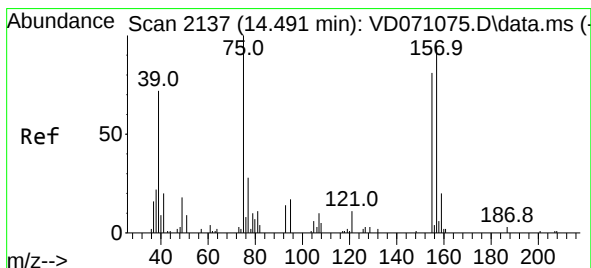
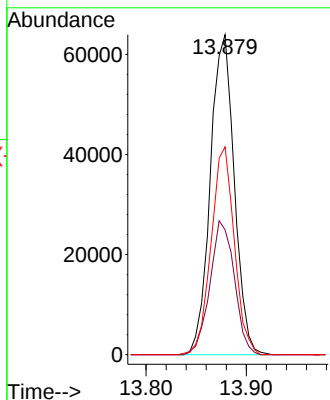
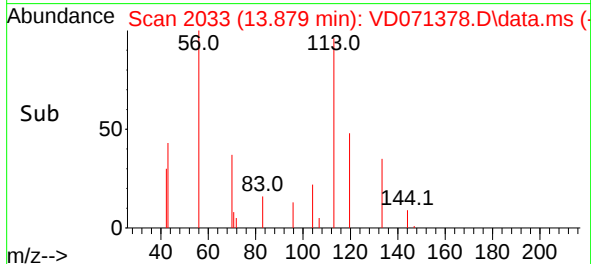


#91
1,2-Dichlorobenzene
Concen: 19.880 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

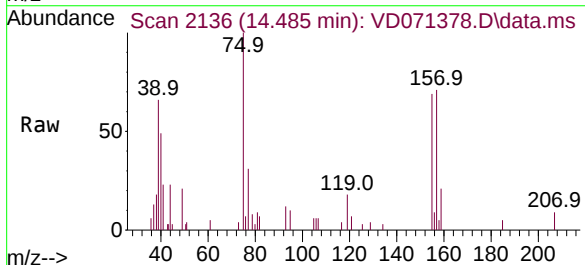
Instrument :
MSVOA_D
ClientSampleId :



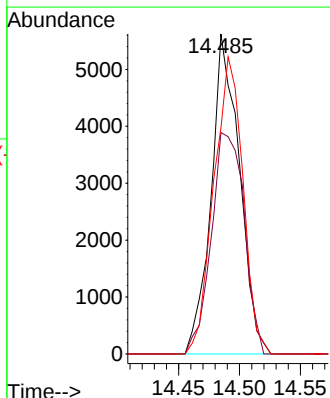
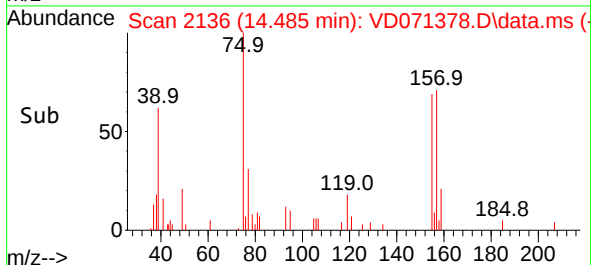
Tgt Ion:146 Resp: 105997
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.2
148 63.0 31.7 95.1

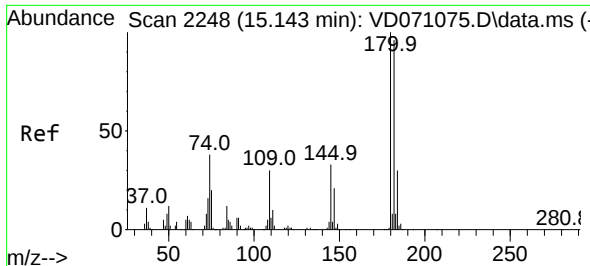


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.258 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43



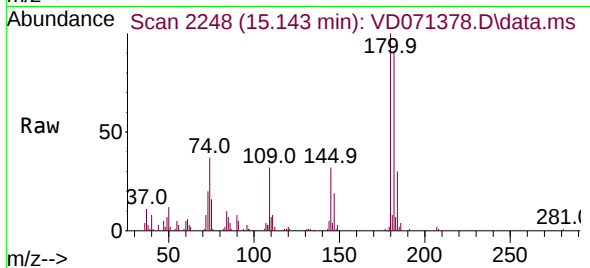
Tgt Ion: 75 Resp: 9070
Ion Ratio Lower Upper
75 100
155 80.0 40.0 120.0
157 95.4 49.8 149.3



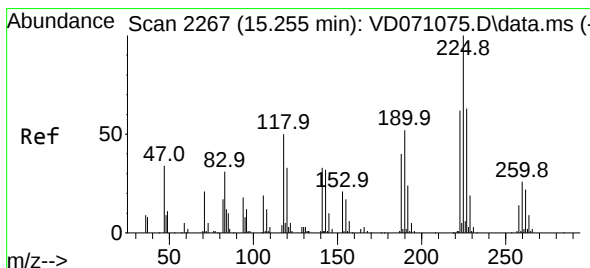
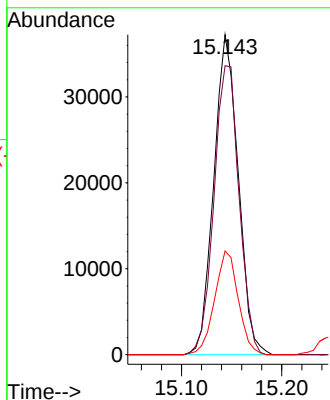
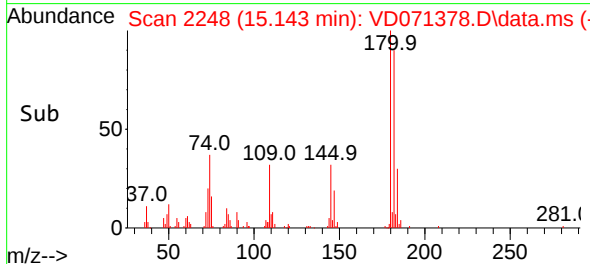


#93
1,2,4-Trichlorobenzene
Concen: 18.957 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

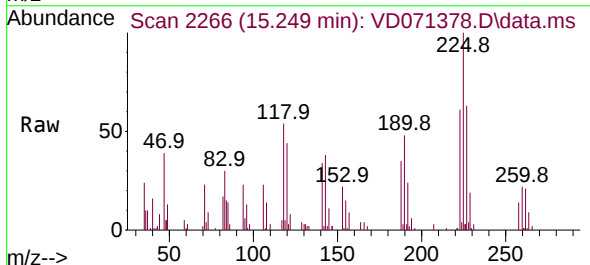
Instrument :
MSVOA_D
ClientSampleId :



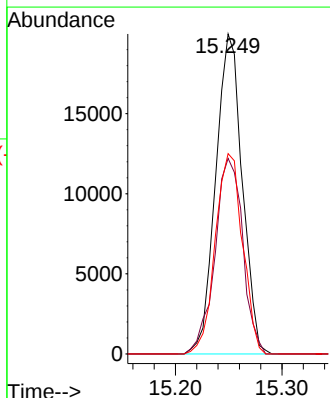
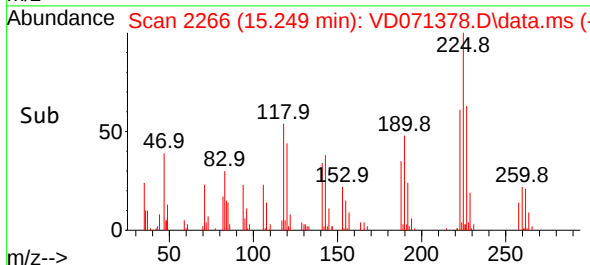
Tgt Ion:180 Resp: 63048
Ion Ratio Lower Upper
180 100
182 93.0 48.2 144.6
145 31.3 15.4 46.2

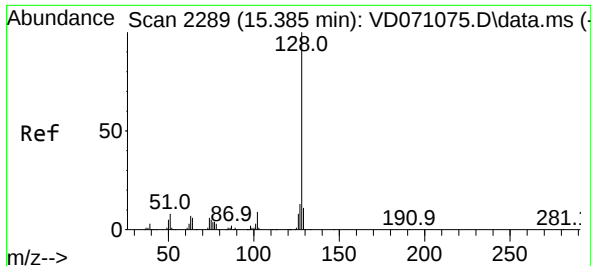


#94
Hexachlorobutadiene
Concen: 18.327 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43



Tgt Ion:225 Resp: 34487
Ion Ratio Lower Upper
225 100
223 64.2 31.8 95.3
227 64.4 31.6 94.8

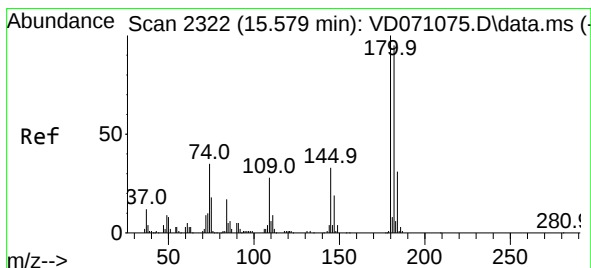
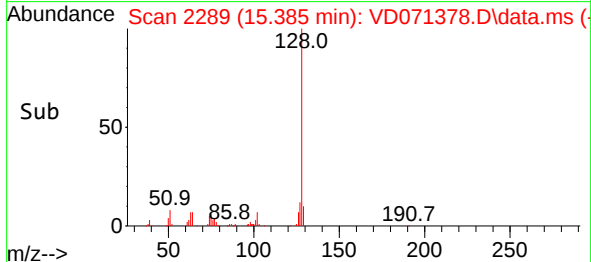
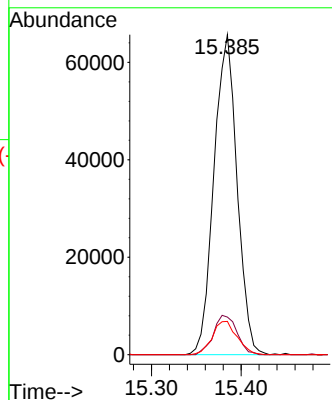
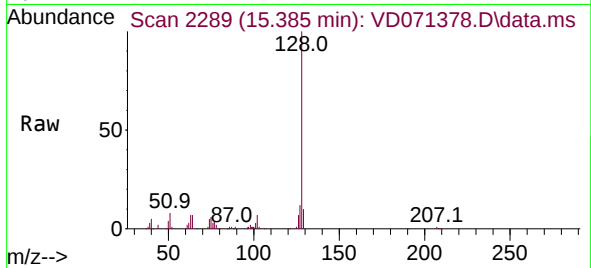




#95
Naphthalene
Concen: 20.027 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 117418
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.187 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071378.D
Acq: 17 Dec 2021 11:43

Tgt Ion:180 Resp: 54198
Ion Ratio Lower Upper
180 100
182 96.1 46.7 140.1
145 35.6 15.9 47.6

