

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071475.D
 Acq On : 25 Dec 2021 23:15
 Operator : VA/SY
 Sample : M5181-03MSD
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

Quant Time: Dec 27 00:53:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	419248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	733861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590213	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	1440460	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	341080	61.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.520%	
35) Dibromofluoromethane	7.914	113	293115	59.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.860%	
50) Toluene-d8	10.338	98	976491	52.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.626	95	5333318	805.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 1610.500%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	215821	49.128	ug/l	98
3) Chloromethane	2.209	50	294952	52.435	ug/l	99
4) Vinyl Chloride	2.350	62	306871	45.523	ug/l	98
5) Bromomethane	2.773	94	201615	42.753	ug/l	99
6) Chloroethane	2.926	64	208874	46.690	ug/l	95
7) Trichlorofluoromethane	3.279	101	426493	51.681	ug/l	96
8) Diethyl Ether	3.709	74	138530	58.637	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	205916	42.890	ug/l	95
10) Methyl Iodide	4.303	142	281530	60.298	ug/l	95
11) Tert butyl alcohol	5.226	59	73140	155.689	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	231176	52.926	ug/l #	79
13) Acrolein	3.926	56	22892	85.110	ug/l #	58
14) Allyl chloride	4.714	41	469528	56.833	ug/l #	81
15) Acrylonitrile	5.420	53	331608	285.020	ug/l	96
16) Acetone	4.156	43	340134	243.204	ug/l #	88
17) Carbon Disulfide	4.414	76	608250	42.739	ug/l	99
18) Methyl Acetate	4.720	43	263333	61.004	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	666738	59.132	ug/l	96
20) Methylene Chloride	4.961	84	303256	58.369	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	267272	52.830	ug/l	92
22) Diisopropyl ether	6.361	45	962389	57.222	ug/l	93
23) Vinyl Acetate	6.303	43	1323190	152.615	ug/l	96
24) 1,1-Dichloroethane	6.261	63	545879	56.616	ug/l	98
25) 2-Butanone	7.208	43	438166	262.294	ug/l	89
26) 2,2-Dichloropropane	7.208	77	424069	53.529	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	314539	56.210	ug/l	92
28) Bromochloromethane	7.538	49	201551	51.011	ug/l	92
29) Tetrahydrofuran	7.561	42	272727	271.913	ug/l	92
30) Chloroform	7.708	83	553658	56.910	ug/l	92
31) Cyclohexane	7.985	56	310334	32.810	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	469631	54.430	ug/l	96
36) 1,1-Dichloropropene	8.108	75	370494	47.019	ug/l	96
37) Ethyl Acetate	7.291	43	181366	49.856	ug/l #	92
38) Carbon Tetrachloride	8.097	117	374412	48.162	ug/l	96
39) Methylcyclohexane	9.320	83	860103	93.246	ug/l #	32
40) Benzene	8.350	78	1067156	50.378	ug/l	98

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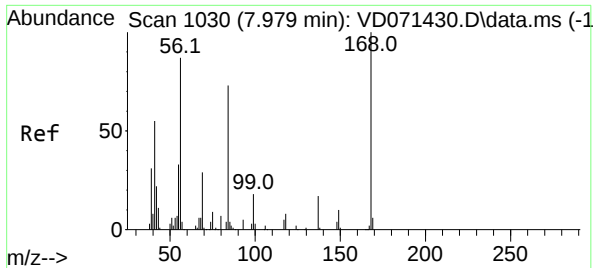
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	132528	61.334	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	381505	55.231	ug/l	94
43) Isopropyl Acetate	8.444	43	591532	81.938	ug/l #	74
44) Trichloroethene	9.108	130	268721	48.680	ug/l	87
45) 1,2-Dichloropropane	9.379	63	293695	53.431	ug/l	97
46) Dibromomethane	9.473	93	153197	50.448	ug/l	95
47) Bromodichloromethane	9.655	83	604529	78.408	ug/l	96
48) Methyl methacrylate	9.449	41	301305	84.341	ug/l #	65
49) 1,4-Dioxane	9.455	88	32275	940.509	ug/l #	38
51) 4-Methyl-2-Pentanone	10.220	43	995085	261.992	ug/l	89
52) Toluene	10.396	92	616067	45.783	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	377647	52.454	ug/l #	87
54) cis-1,3-Dichloropropene	10.085	75	443565	53.316	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	1675815	434.756	ug/l #	41
56) Ethyl methacrylate	10.638	69	3922814	773.362	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	405283	57.401	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.938	63	586962	241.571	ug/l	100
59) 2-Hexanone	10.943	43	22457358	8364.849	ug/l #	31
60) Dibromochloromethane	11.055	129	61351	12.661	ug/l	58
61) 1,2-Dibromoethane	11.238	107	212603	55.686	ug/l #	73
64) Tetrachloroethene	10.867	164	164510	40.110	ug/l	96
65) Chlorobenzene	11.661	112	663271	54.786	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	231151	52.263	ug/l	97
67) Ethyl Benzene	11.738	91	894481	39.700	ug/l	96
68) m/p-Xylenes	11.849	106	662511	77.396	ug/l #	70
69) o-Xylene	12.173	106	339701	43.415	ug/l #	1
70) Styrene	12.185	104	577986	42.522	ug/l #	48
71) Bromoform	12.349	173	120114	50.187	ug/l #	99
73) Isopropylbenzene	12.479	105	597841	5.383	ug/l	93
74) N-amyl acetate	12.261	43	1323363	44.416	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.708	83	5013518	249.704	ug/l #	58
76) 1,2,3-Trichloropropane	12.626	75	146510	8.560	ug/l	42
77) Bromobenzene	12.755	156	270782	10.958	ug/l #	2
78) n-propylbenzene	12.949	91	991774	7.125	ug/l	84
79) 2-Chlorotoluene	12.902	91	1663979	21.390	ug/l #	52
80) 1,3,5-Trimethylbenzene	12.955	105	379232	4.140	ug/l	83
81) trans-1,4-Dichloro-2-b...	12.520	75	44406	7.331	ug/l #	1
82) 4-Chlorotoluene	12.996	91	847925	10.508	ug/l #	1
83) tert-Butylbenzene	13.220	119	1267556	16.194	ug/l #	62
84) 1,2,4-Trimethylbenzene	13.267	105	274239	3.025	ug/l	94
85) sec-Butylbenzene	13.396	105	4224419	35.402	ug/l #	59
86) p-Isopropyltoluene	13.514	119	172488	1.742	ug/l #	51
87) 1,3-Dichlorobenzene	13.508	146	165455	3.325	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	159029	3.259	ug/l #	1
89) n-Butylbenzene	13.837	91	513738	5.286	ug/l	82
90) Hexachloroethane	14.108	117	356627	19.014	ug/l #	18
91) 1,2-Dichlorobenzene	13.879	146	138734	3.285	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	46713	13.416	ug/l #	46
96) 1,2,3-Trichlorobenzene	15.596	180	23482	1.055	ug/l #	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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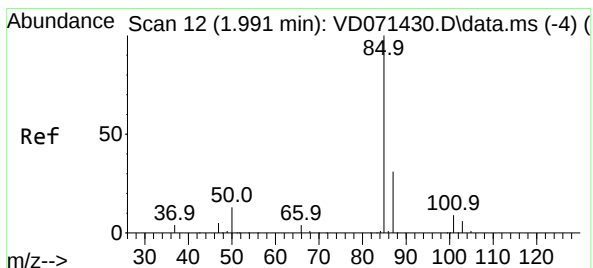
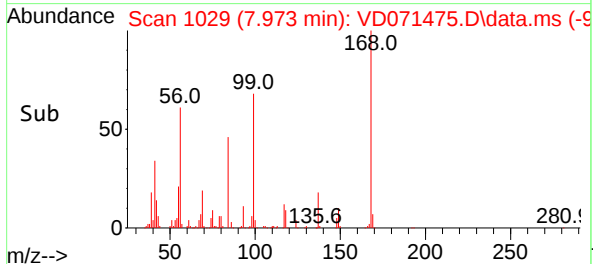
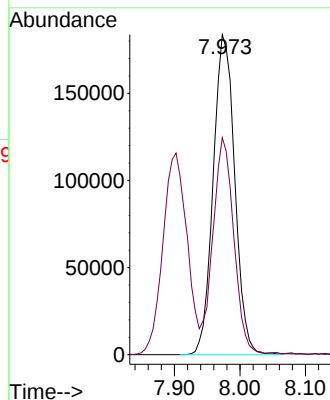
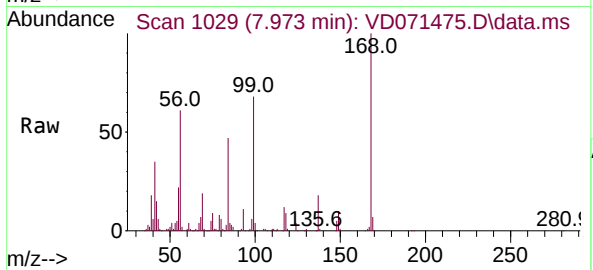




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071475.D
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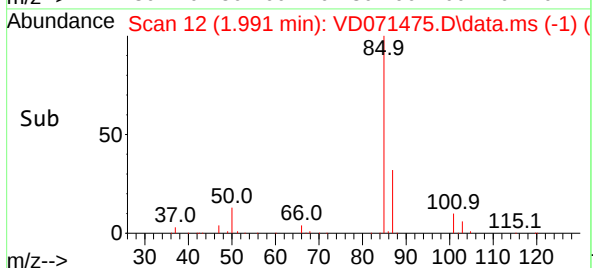
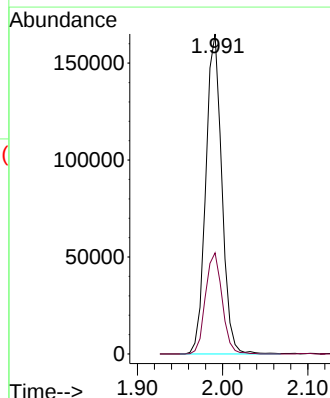
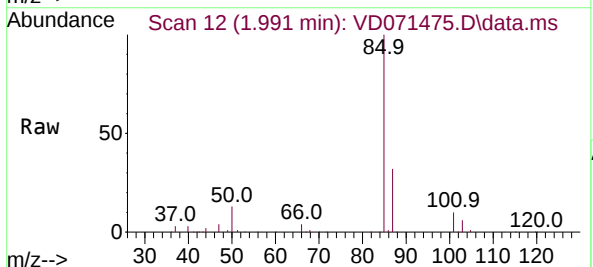
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DB-4-(7.5-8)-12-8-21MSD

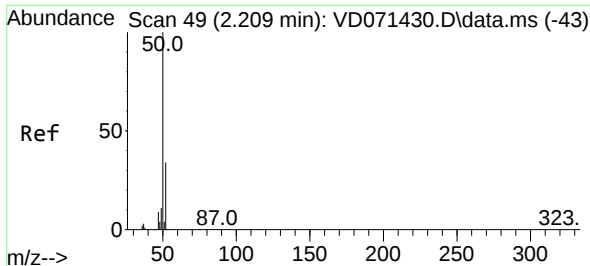
Tgt Ion:168 Resp: 419248
Ion Ratio Lower Upper
168 100
99 67.4 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 49.128 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 85 Resp: 215821
Ion Ratio Lower Upper
85 100
87 31.6 15.2 45.6

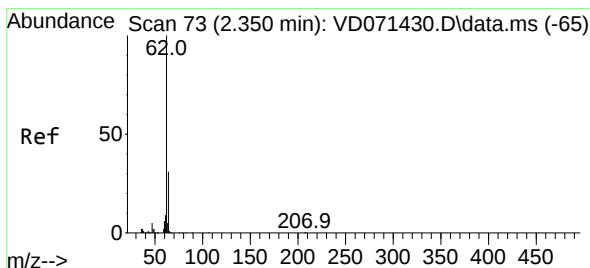
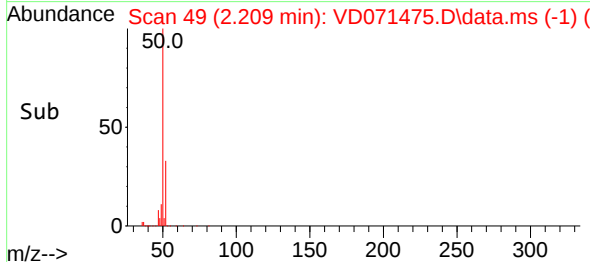
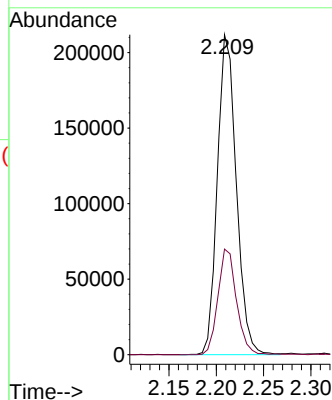
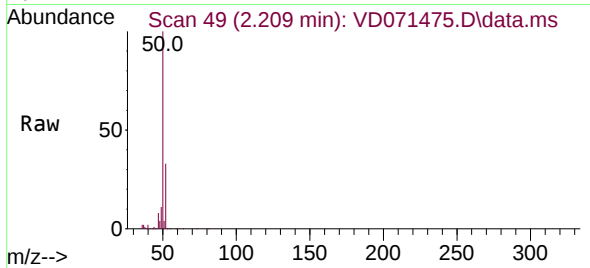




#3
Chloromethane
Concen: 52.435 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

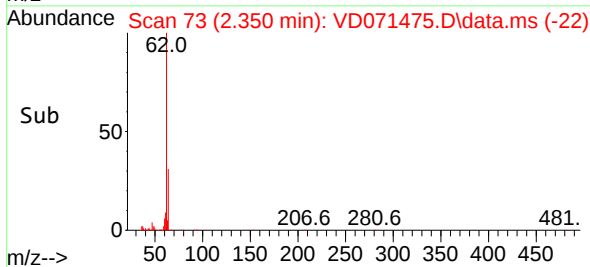
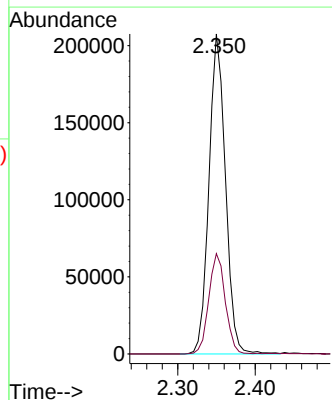
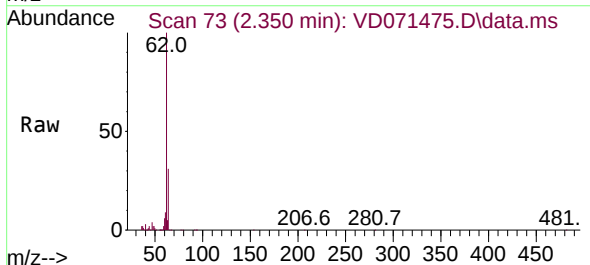
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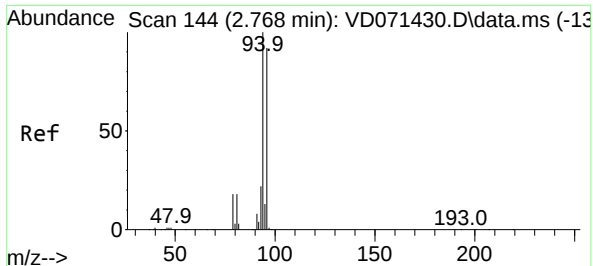
Tgt Ion: 50 Resp: 294952
Ion Ratio Lower Upper
50 100
52 33.0 25.8 38.8



#4
Vinyl Chloride
Concen: 45.523 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 62 Resp: 306871
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

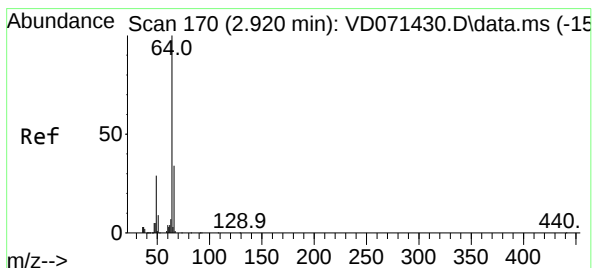
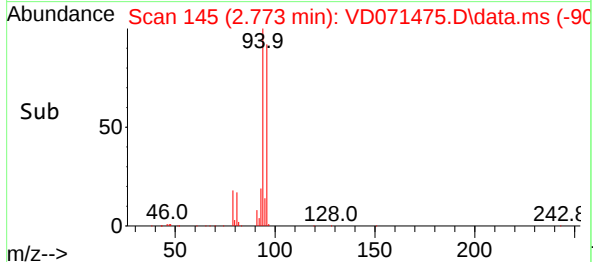
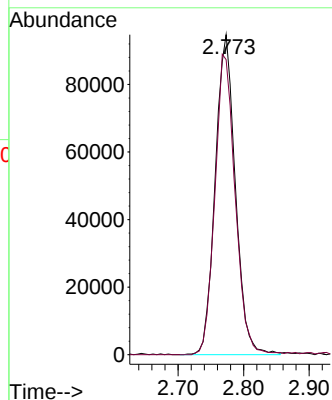
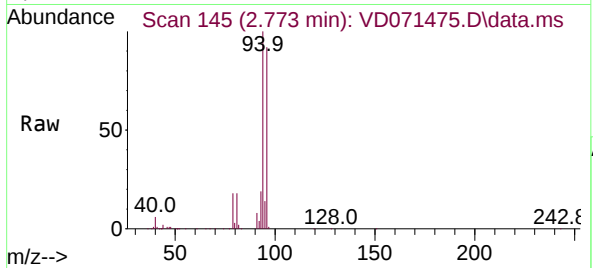




#5
Bromomethane
Concen: 42.753 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

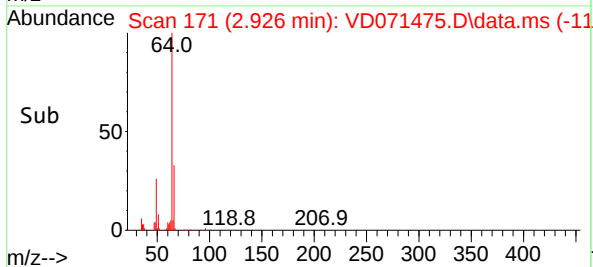
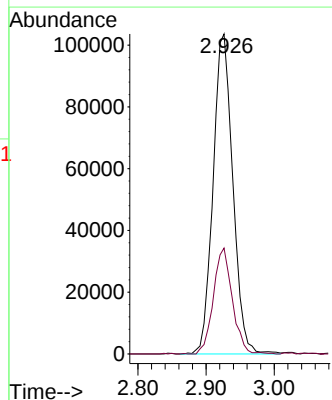
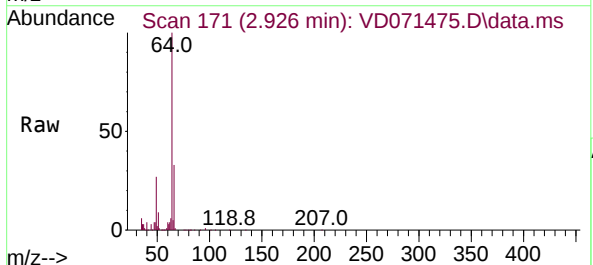
Instrument :
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ClientSampleId :
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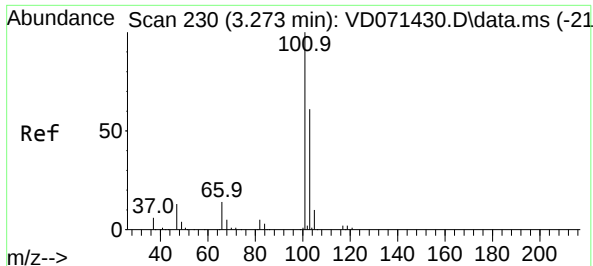
Tgt Ion: 94 Resp: 201615
Ion Ratio Lower Upper
94 100
96 92.2 74.8 112.2



#6
Chloroethane
Concen: 46.690 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 64 Resp: 208874
Ion Ratio Lower Upper
64 100
66 33.1 29.0 43.4

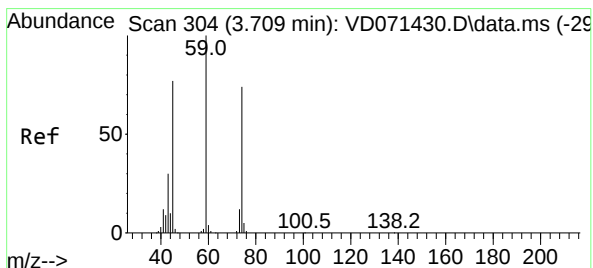
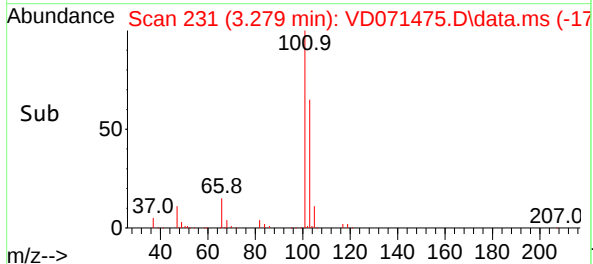
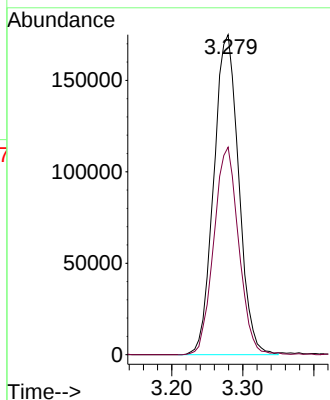
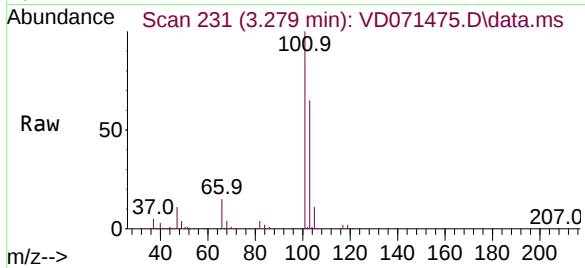




#7
Trichlorofluoromethane
Concen: 51.681 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

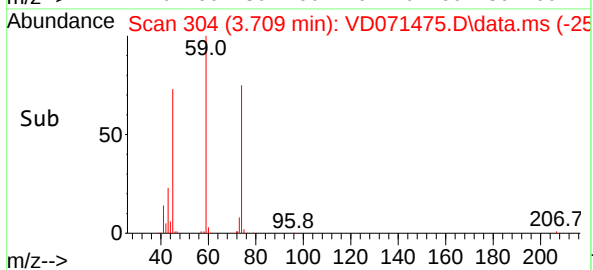
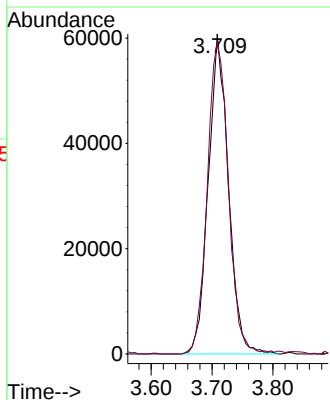
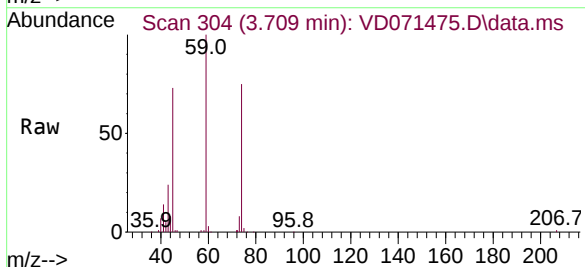
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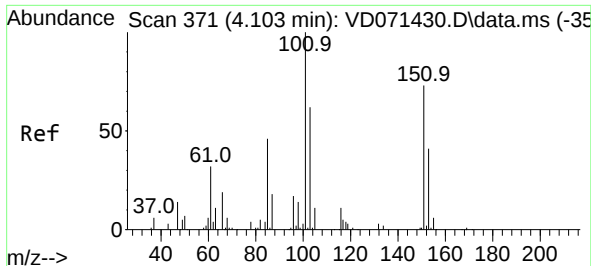
Tgt Ion:101 Resp: 426493
Ion Ratio Lower Upper
101 100
103 64.9 49.7 74.5



#8
Diethyl Ether
Concen: 58.637 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 74 Resp: 138530
Ion Ratio Lower Upper
74 100
45 103.1 49.6 149.0

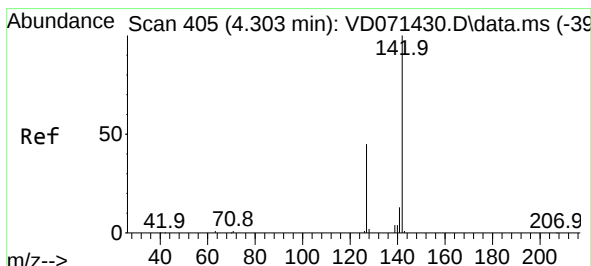
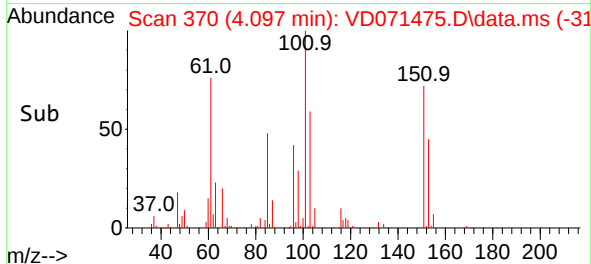
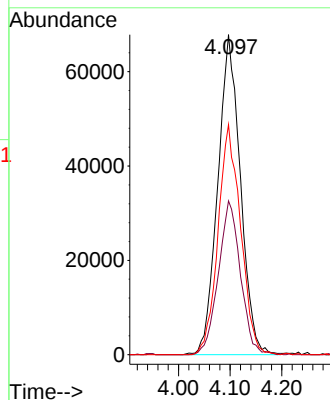
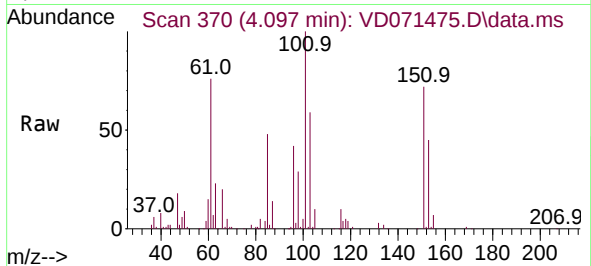




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.890 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

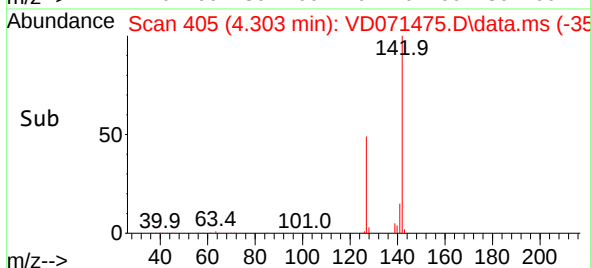
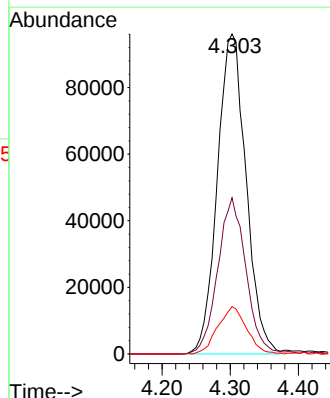
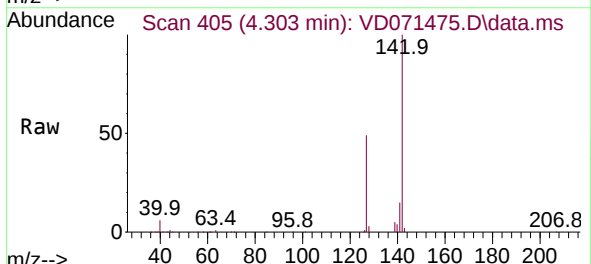
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ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

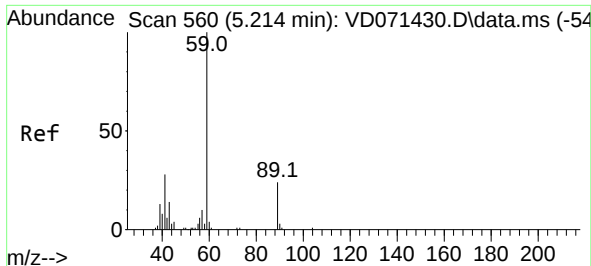
Tgt Ion:101 Resp: 205916
Ion Ratio Lower Upper
101 100
85 47.0 34.8 52.2
151 71.7 60.4 90.6



#10
Methyl Iodide
Concen: 60.298 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:142 Resp: 281530
Ion Ratio Lower Upper
142 100
127 48.0 35.0 52.4
141 14.8 12.0 18.0

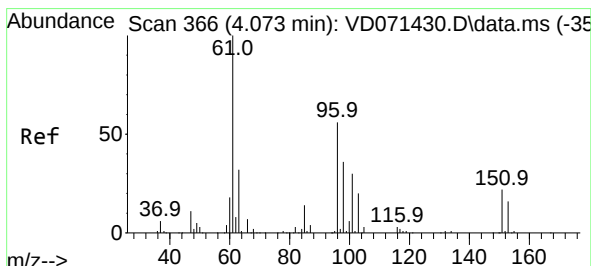
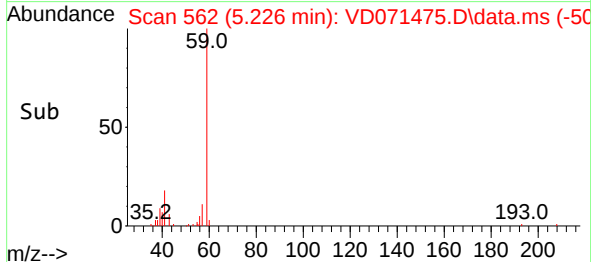
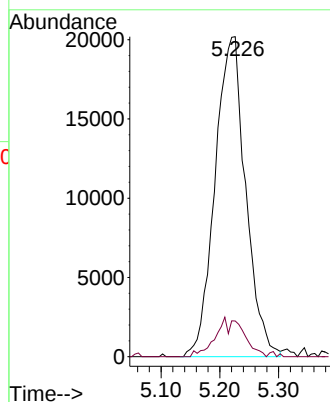
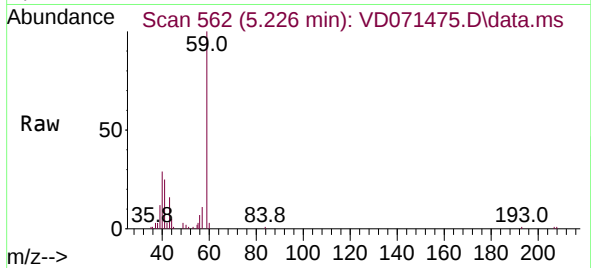




#11
Tert butyl alcohol
Concen: 155.689 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

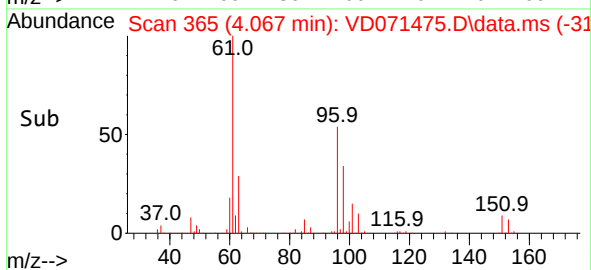
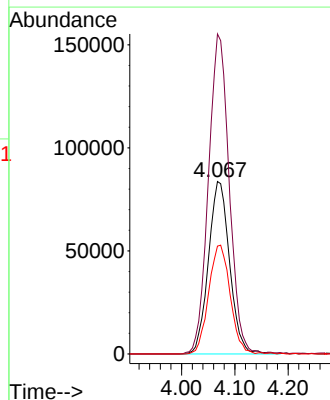
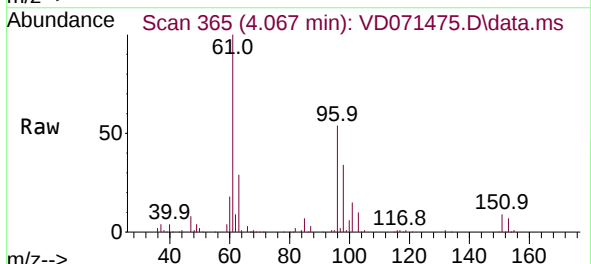
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

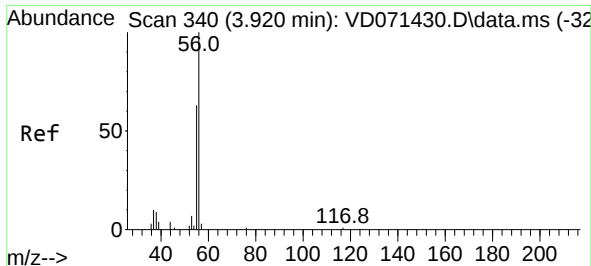
Tgt Ion: 59 Resp: 73140
Ion Ratio Lower Upper
59 100
57 5.5 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 52.926 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 96 Resp: 231176
Ion Ratio Lower Upper
96 100
61 185.5 120.3 180.5#
98 62.5 54.4 81.6





#13

Acrolein

Concen: 85.110 ug/l

RT: 3.926 min Scan# 340

Delta R.T. 0.012 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

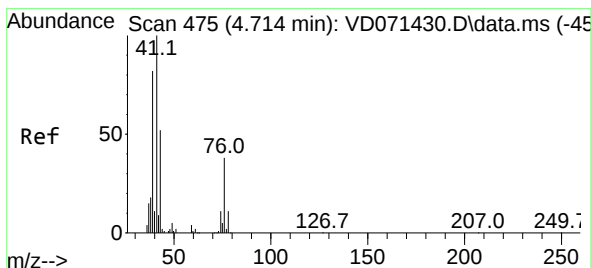
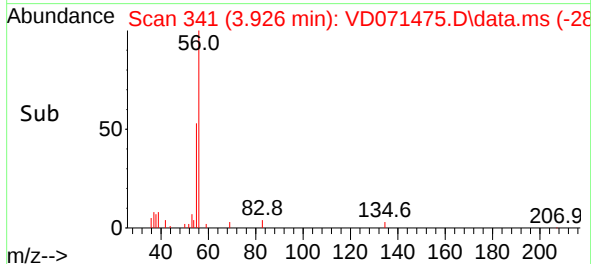
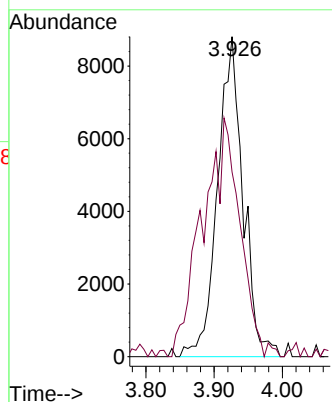
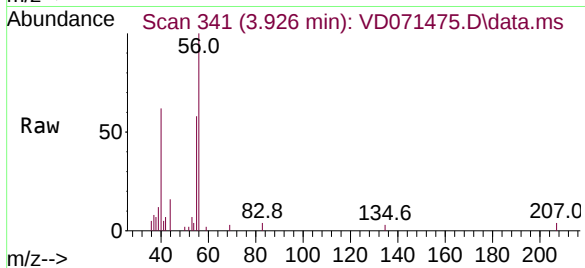
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion: 56 Resp: 22892

Ion Ratio Lower Upper

56 100

55 108.5 58.6 87.8#



#14

Allyl chloride

Concen: 56.833 ug/l

RT: 4.714 min Scan# 475

Delta R.T. 0.011 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

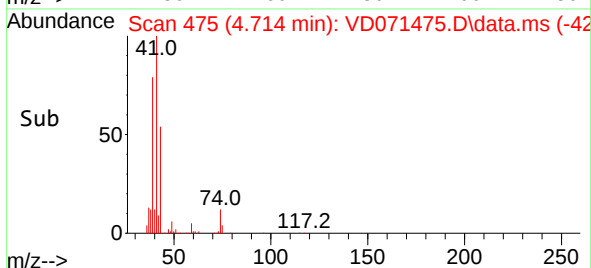
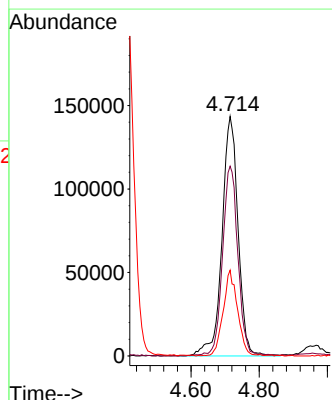
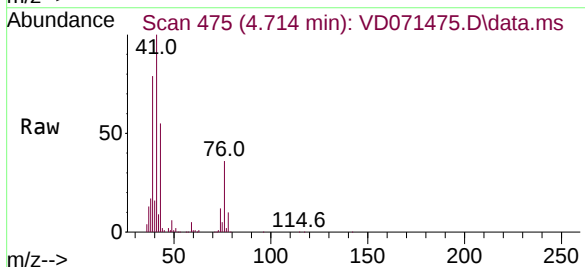
Tgt Ion: 41 Resp: 469528

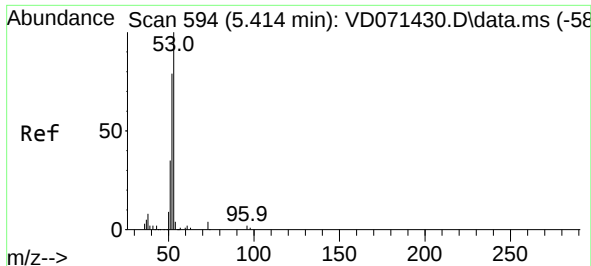
Ion Ratio Lower Upper

41 100

39 75.4 45.6 68.4#

76 32.1 30.2 45.4

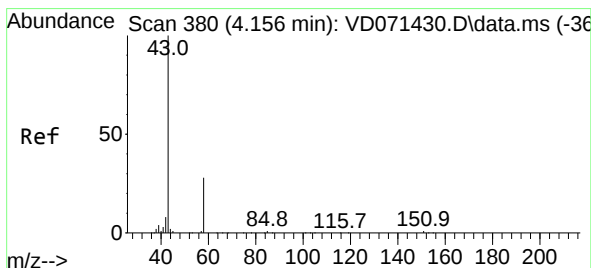
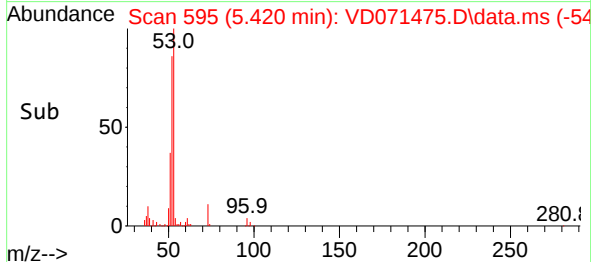
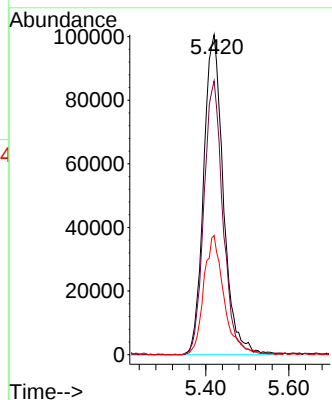
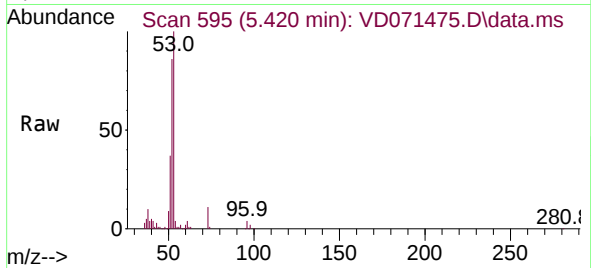




#15
Acrylonitrile
Concen: 285.020 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

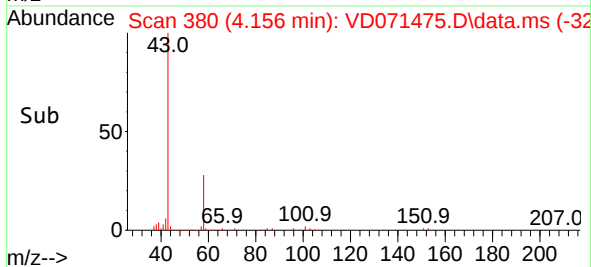
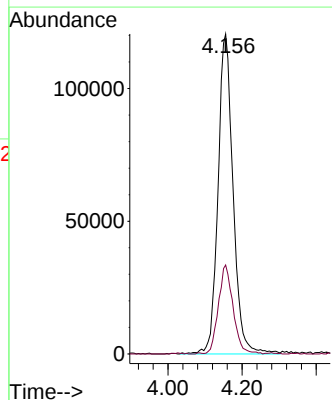
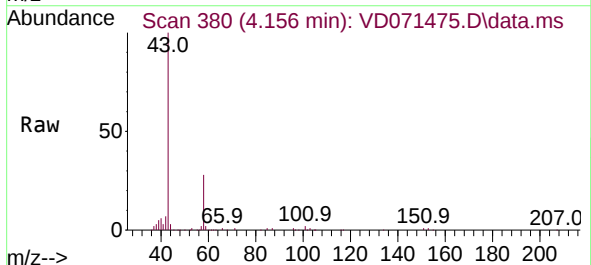
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

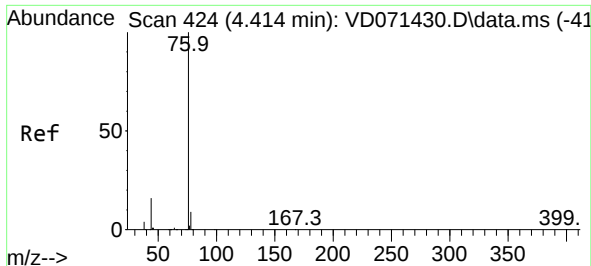
Tgt Ion: 53 Resp: 331608
Ion Ratio Lower Upper
53 100
52 82.6 63.8 95.8
51 38.4 28.5 42.7



#16
Acetone
Concen: 243.204 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 43 Resp: 340134
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#

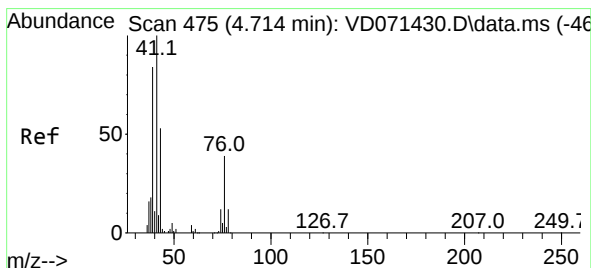
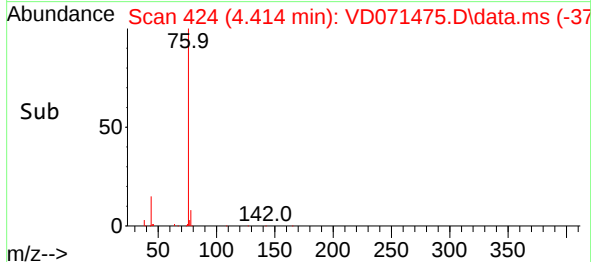
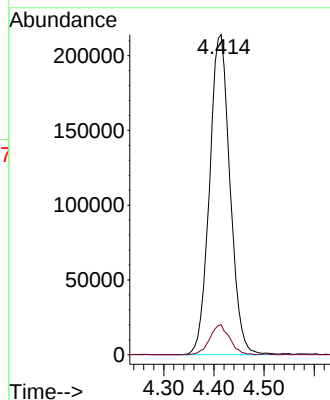
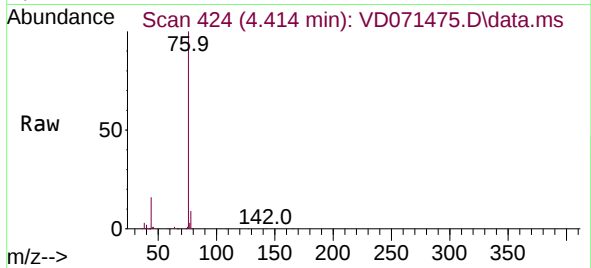




#17
Carbon Disulfide
Concen: 42.739 ug/l
RT: 4.414 min Scan# 417
Delta R.T. 0.005 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

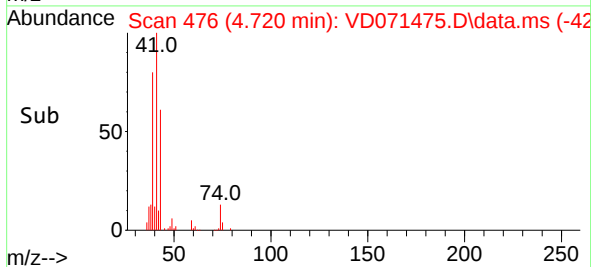
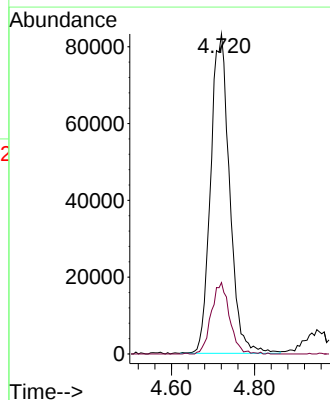
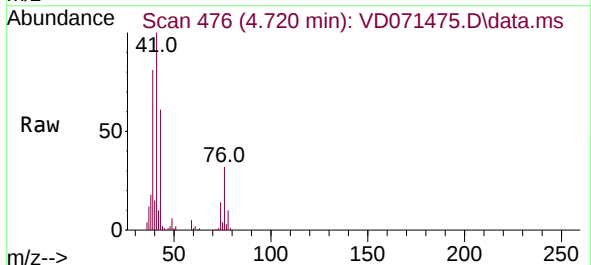
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

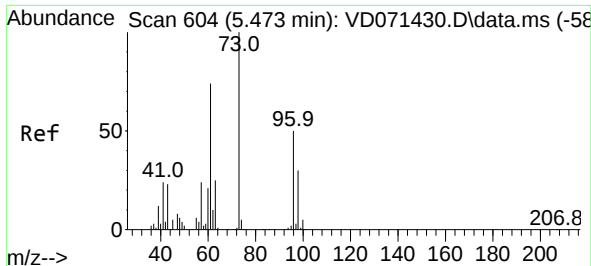
Tgt Ion: 76 Resp: 608250
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 61.004 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 43 Resp: 263333
Ion Ratio Lower Upper
43 100
74 21.5 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 59.132 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

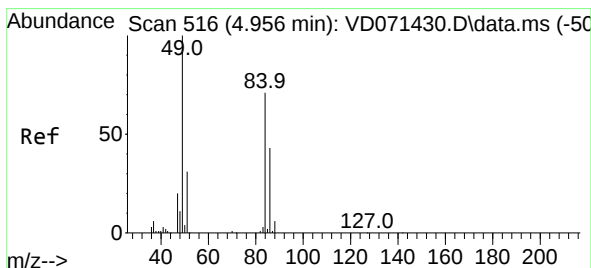
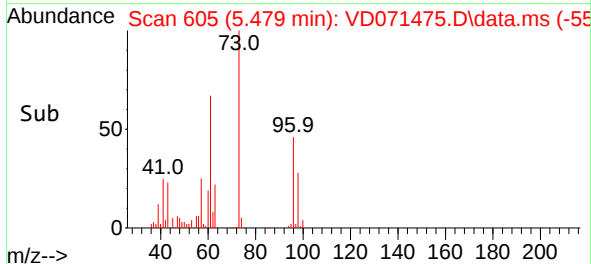
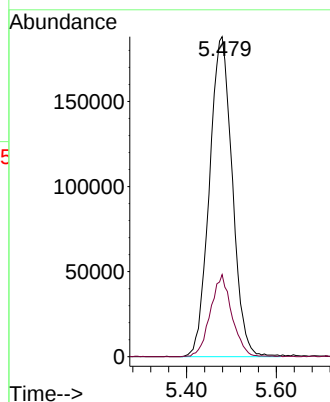
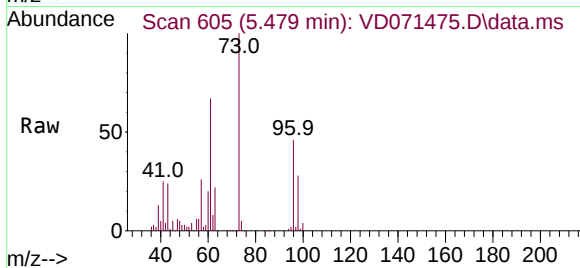
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion: 73 Resp: 666738

Ion Ratio Lower Upper

73 100

57 25.6 18.9 28.3



#20

Methylene Chloride

Concen: 58.369 ug/l

RT: 4.961 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Tgt Ion: 84 Resp: 303256

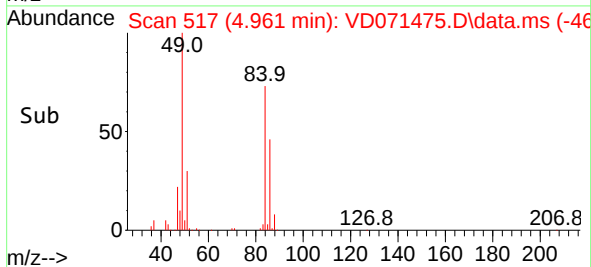
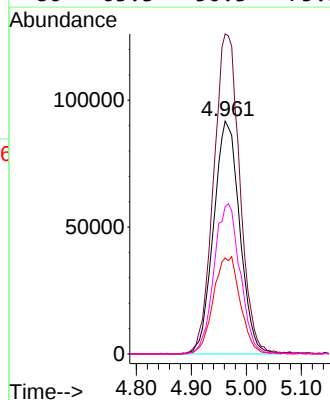
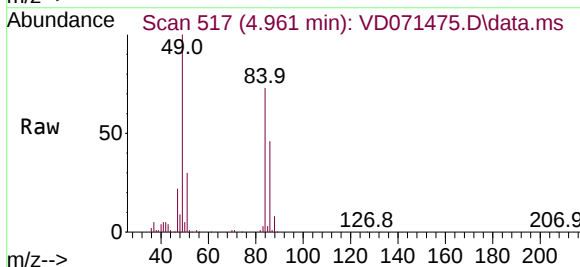
Ion Ratio Lower Upper

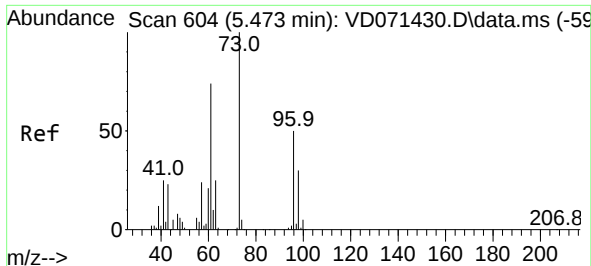
84 100

49 137.4 95.8 143.6

51 41.2 30.9 46.3

86 63.3 50.3 75.5

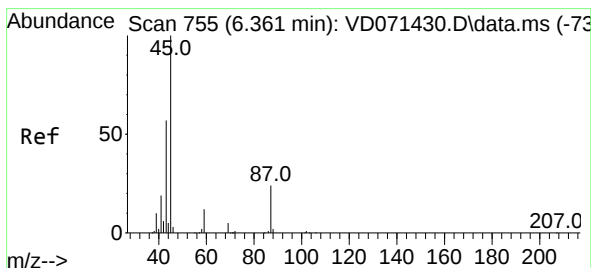
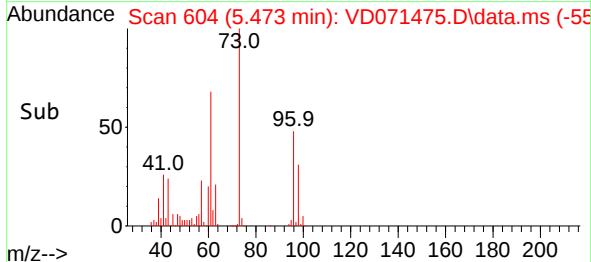
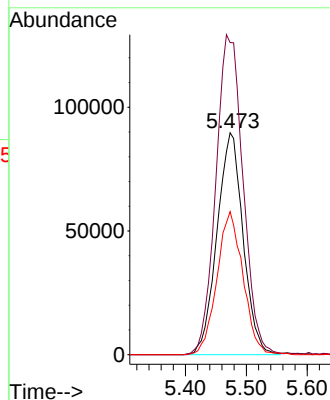
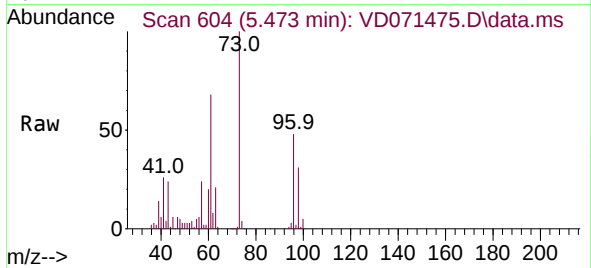




#21
trans-1,2-Dichloroethene
Concen: 52.830 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

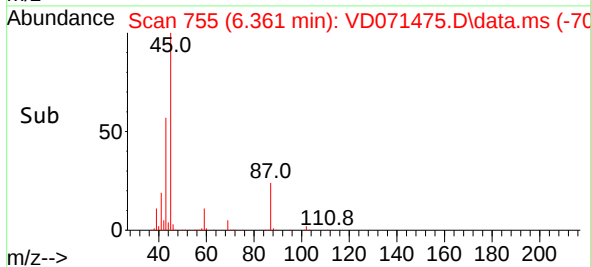
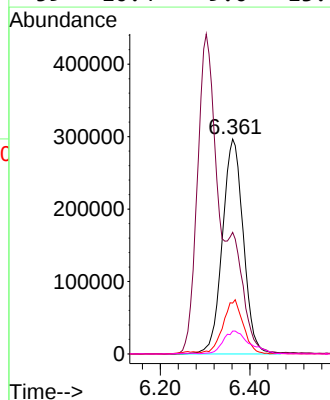
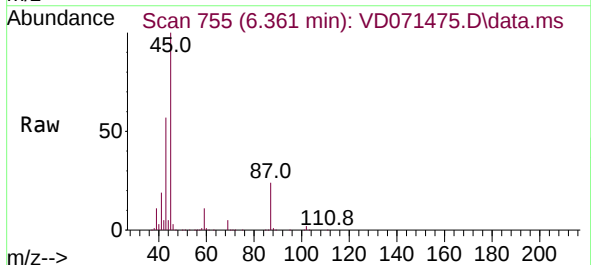
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

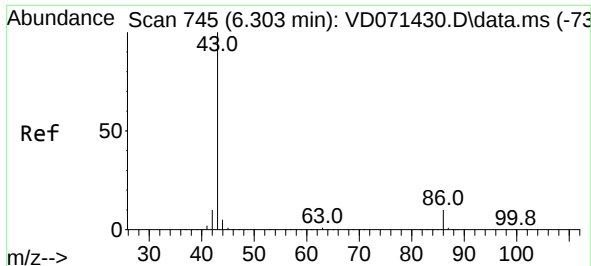
Tgt Ion: 96 Resp: 267272
Ion Ratio Lower Upper
96 100
61 140.7 102.1 153.1
98 64.5 50.1 75.1



#22
Diisopropyl ether
Concen: 57.222 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 45 Resp: 962389
Ion Ratio Lower Upper
45 100
43 56.0 39.6 59.4
87 23.5 21.2 31.8
59 10.4 9.0 13.6

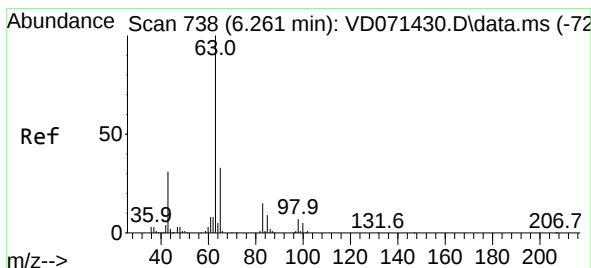
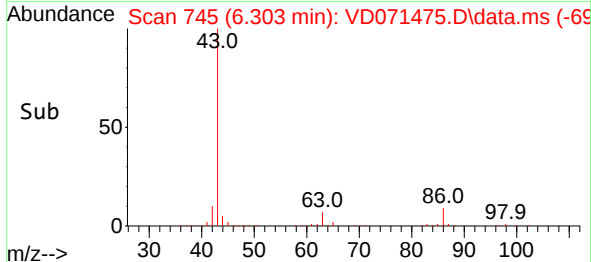
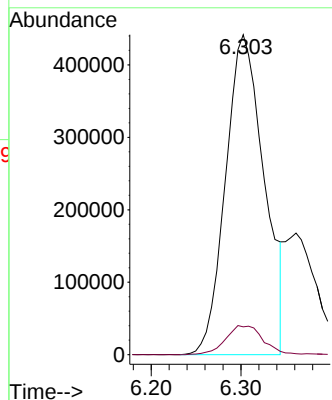
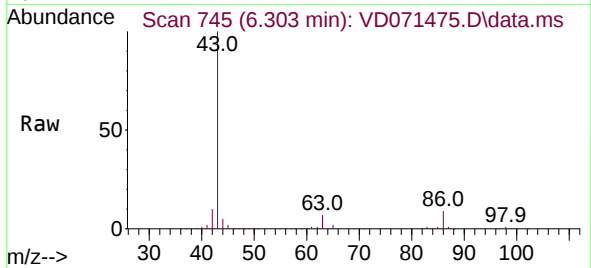




#23
 Vinyl Acetate
 Concen: 152.615 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

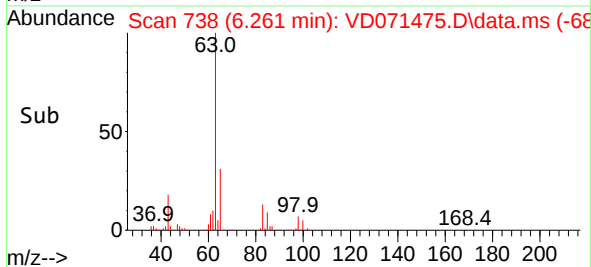
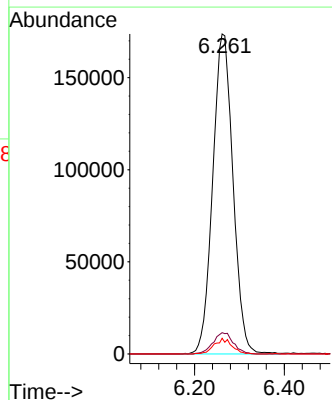
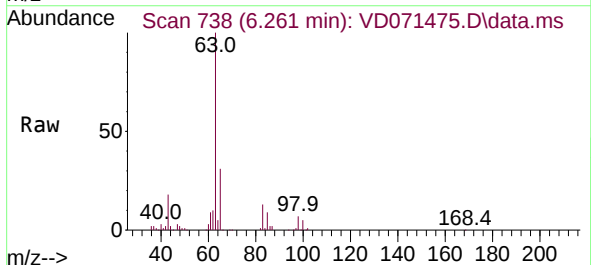
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

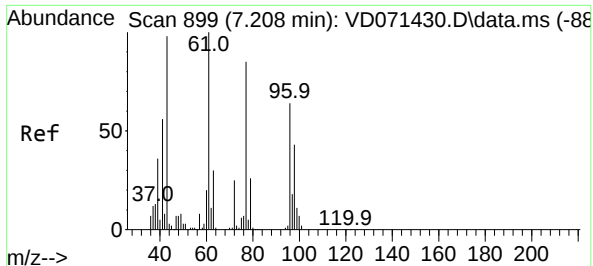
Tgt Ion: 43 Resp: 1323190
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 56.616 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

Tgt Ion: 63 Resp: 545879
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.9 2.1 6.3

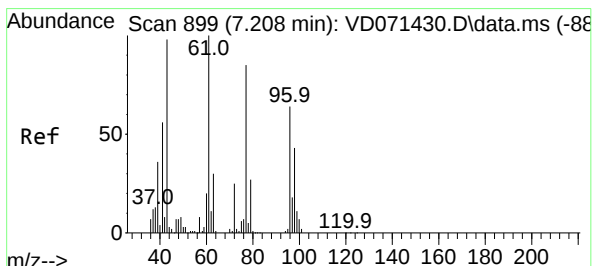
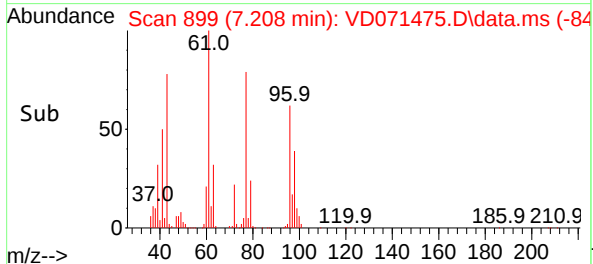
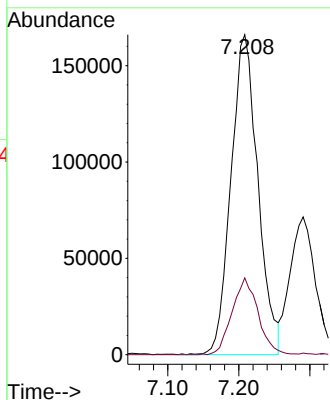
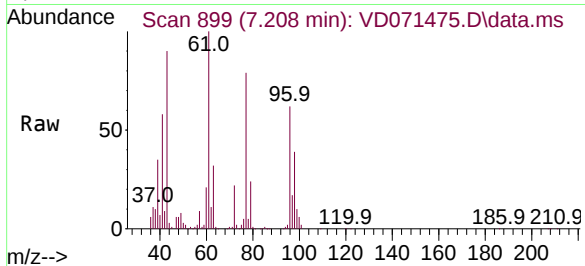




#25
2-Butanone
Concen: 262.294 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

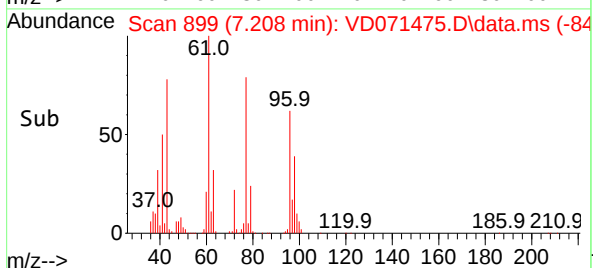
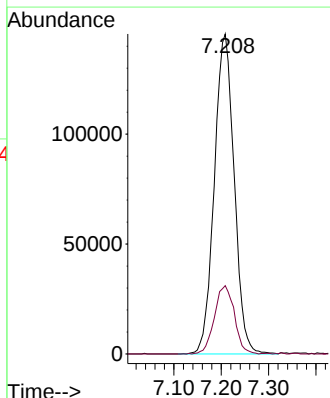
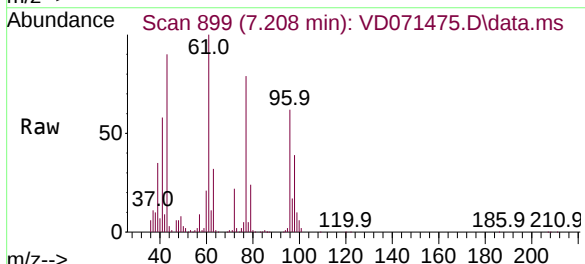
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

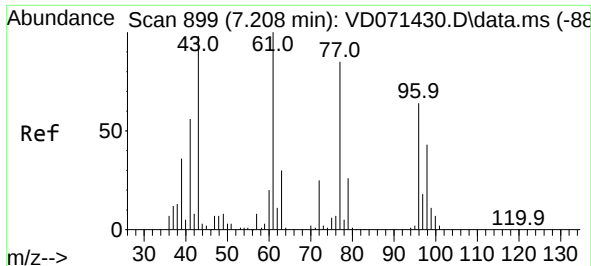
Tgt Ion: 43 Resp: 438166
Ion Ratio Lower Upper
43 100
72 24.0 23.8 35.6



#26
2,2-Dichloropropane
Concen: 53.529 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 77 Resp: 424069
Ion Ratio Lower Upper
77 100
97 21.4 11.9 35.5

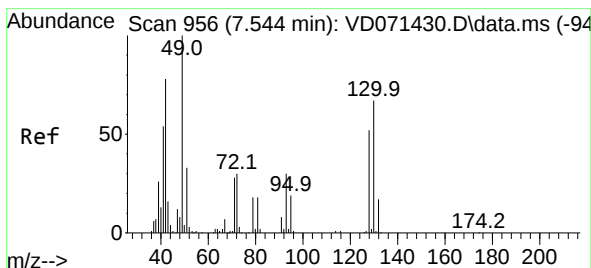
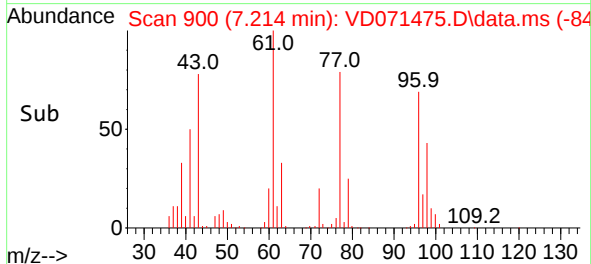
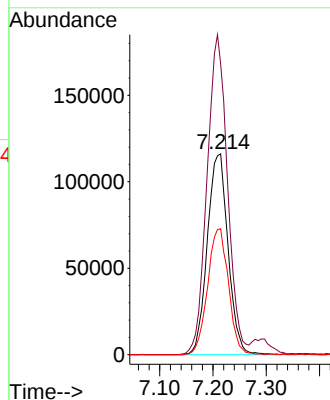
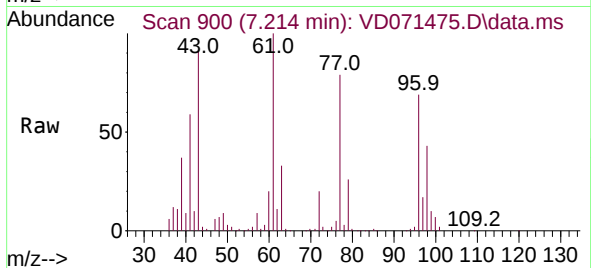




#27
 cis-1,2-Dichloroethene
 Concen: 56.210 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.006 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

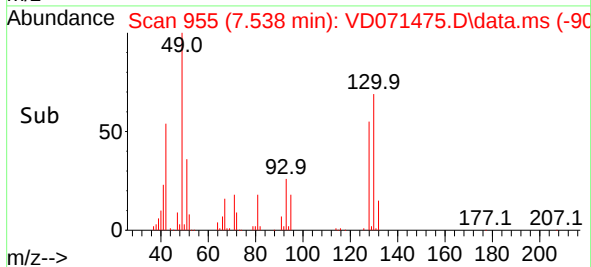
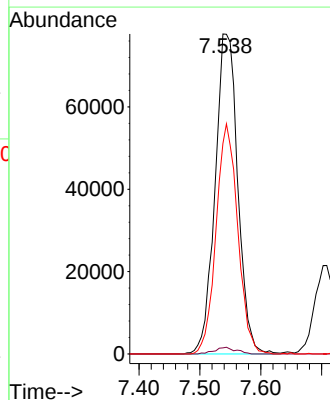
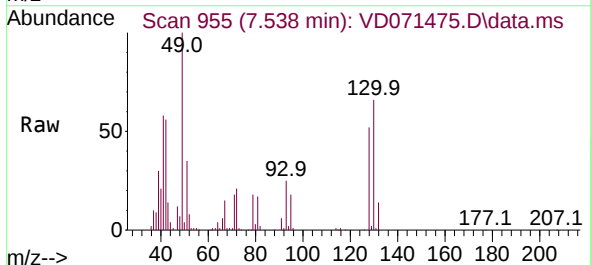
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

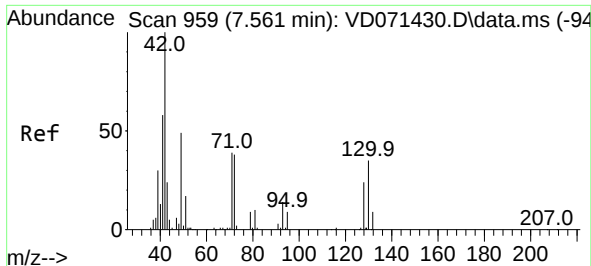
Tgt Ion: 96 Resp: 314539
 Ion Ratio Lower Upper
 96 100
 61 156.9 0.0 288.6
 98 63.0 0.0 129.2



#28
 Bromochloromethane
 Concen: 51.011 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

Tgt Ion: 49 Resp: 201551
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 68.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 271.913 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

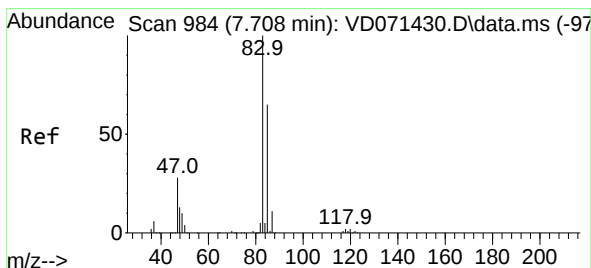
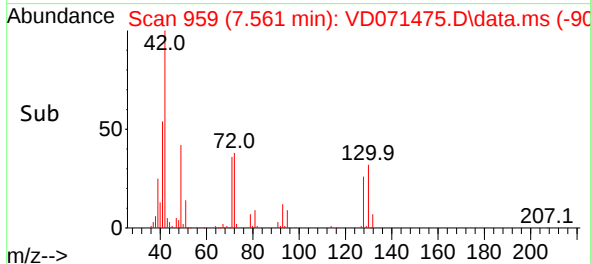
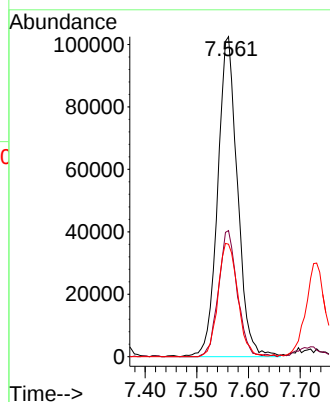
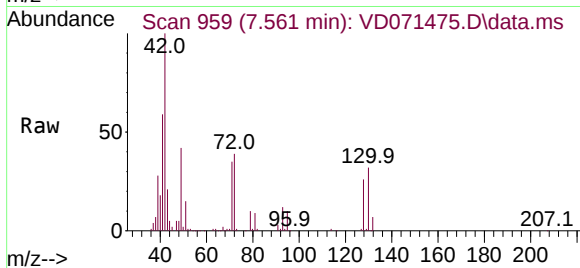
Tgt Ion: 42 Resp: 272727

Ion Ratio Lower Upper

42 100

72 37.2 33.7 50.5

71 35.4 32.7 49.1



#30

Chloroform

Concen: 56.910 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD071475.D

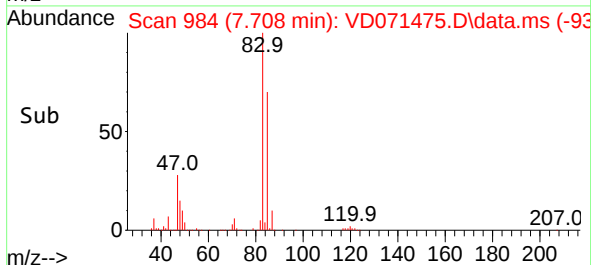
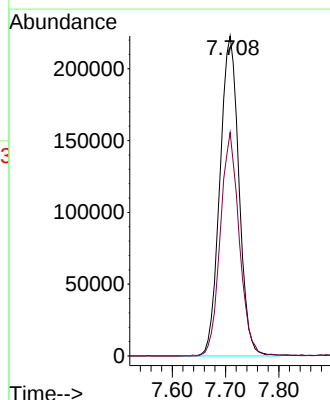
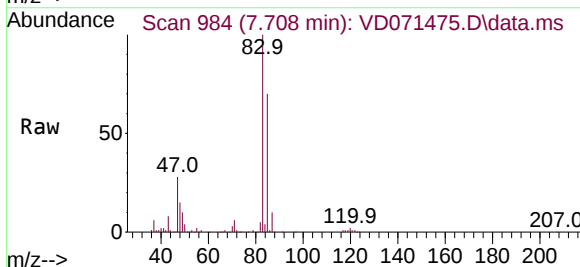
Acq: 25 Dec 2021 23:15

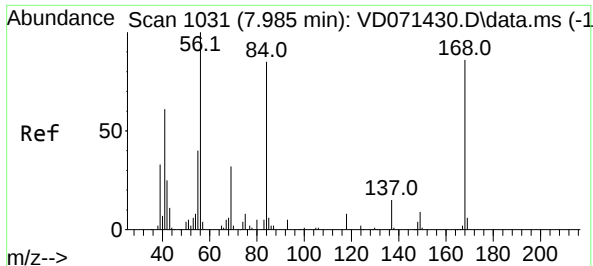
Tgt Ion: 83 Resp: 553658

Ion Ratio Lower Upper

83 100

85 69.9 51.0 76.6





#31

Cyclohexane

Concen: 32.810 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

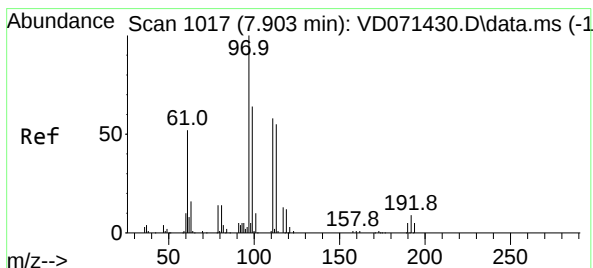
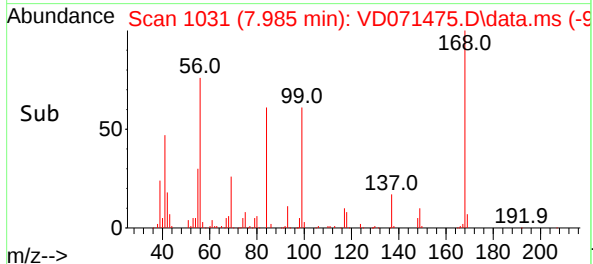
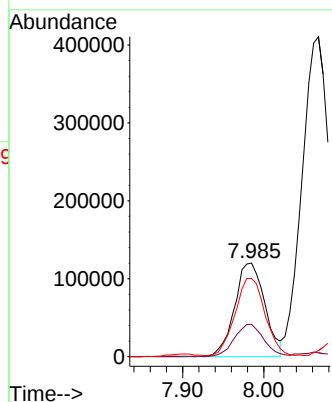
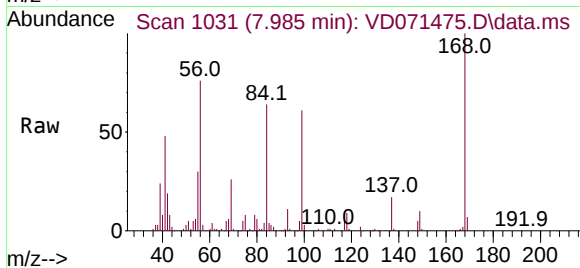
Tgt Ion: 56 Resp: 310334

Ion Ratio Lower Upper

56 100

69 34.1 25.9 38.9

84 80.9 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 54.430 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

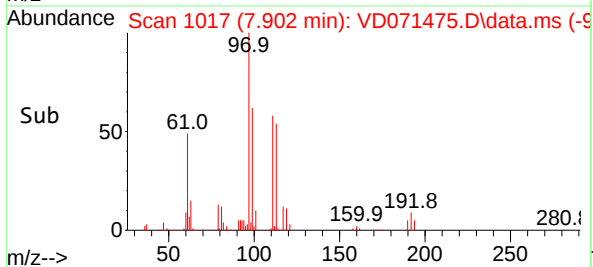
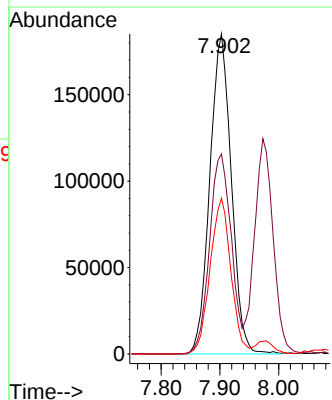
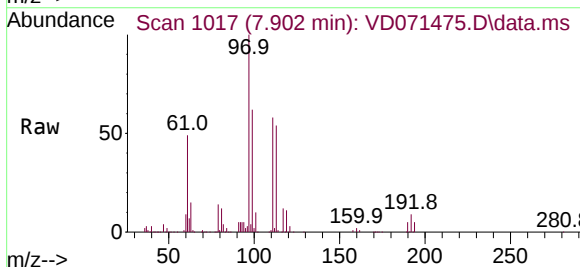
Tgt Ion: 97 Resp: 469631

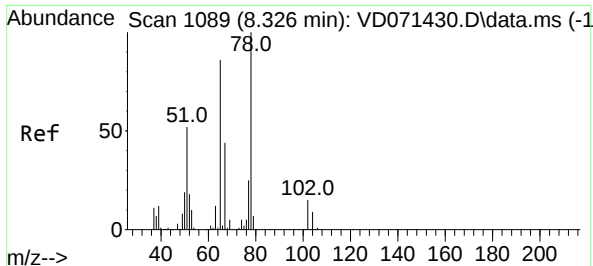
Ion Ratio Lower Upper

97 100

99 63.2 50.3 75.5

61 47.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 61.257 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

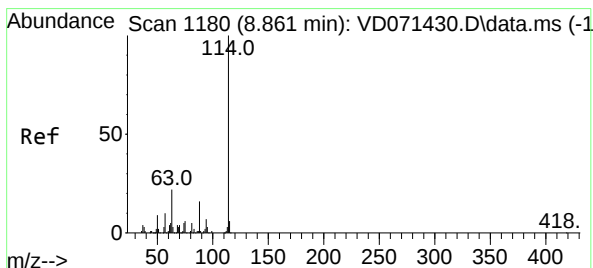
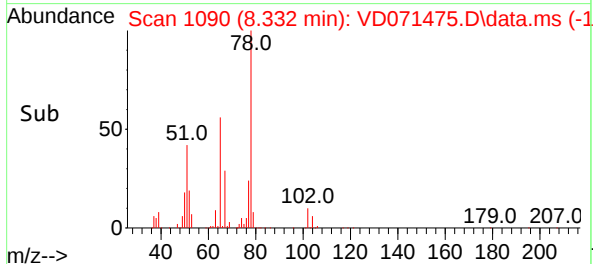
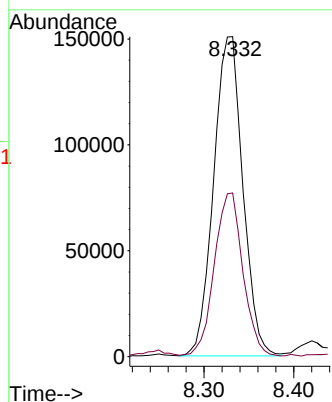
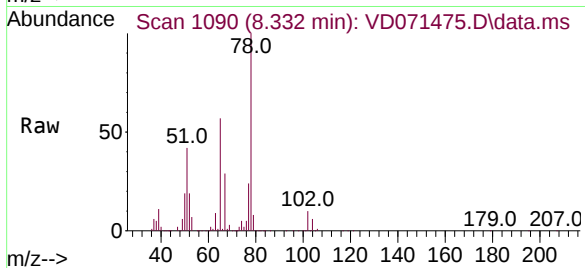
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion: 65 Resp: 341080

Ion Ratio Lower Upper

65 100

67 50.0 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: VD071475.D

Acq: 25 Dec 2021 23:15

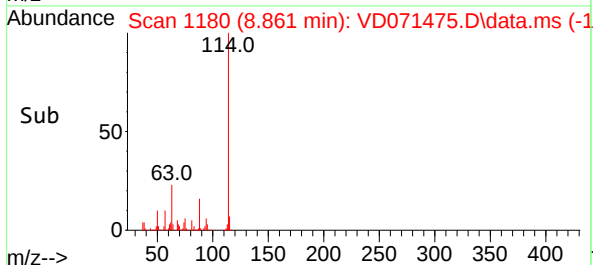
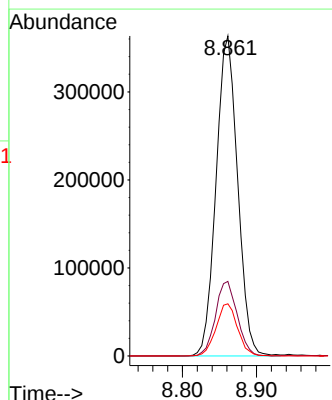
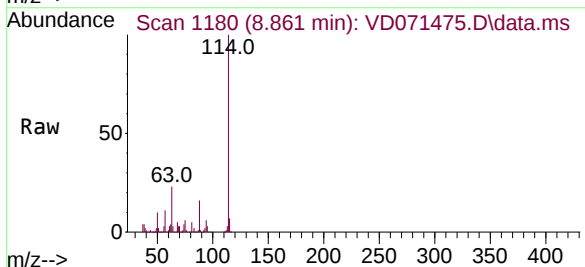
Tgt Ion: 114 Resp: 733861

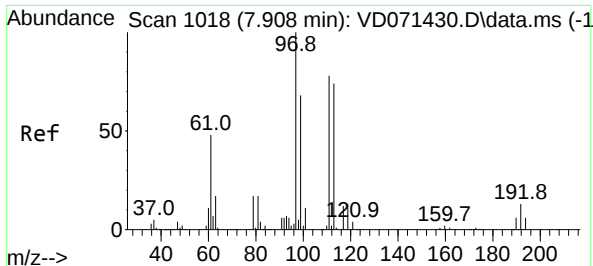
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 59.430 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

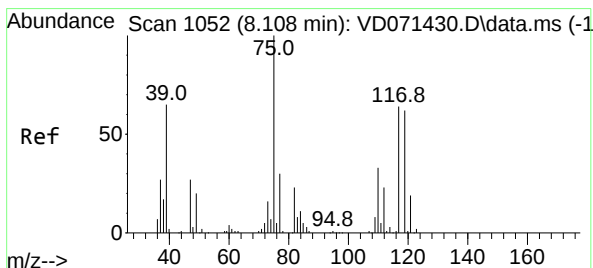
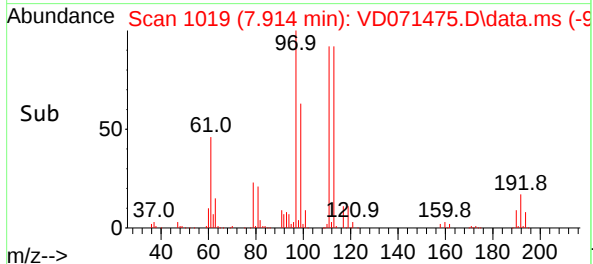
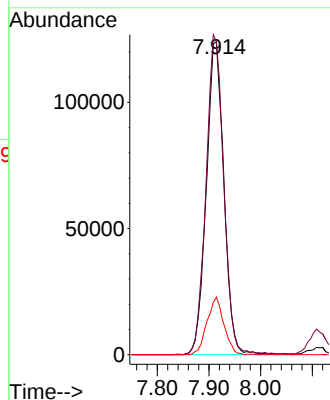
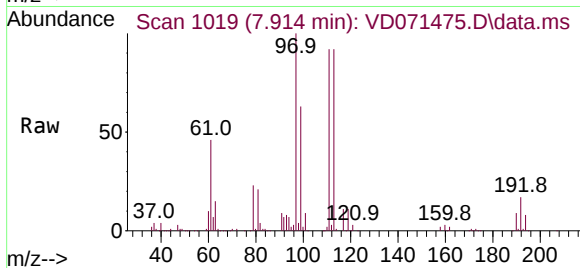
Tgt Ion:113 Resp: 293115

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 47.019 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

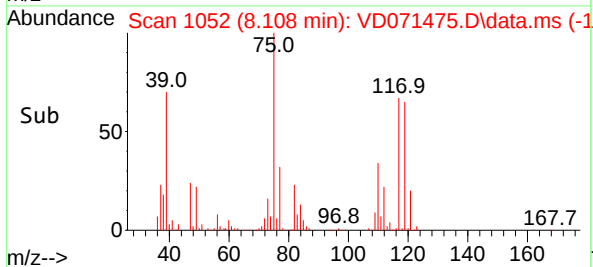
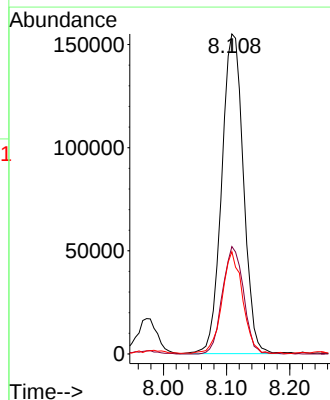
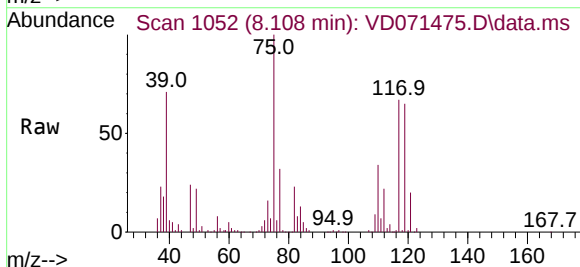
Tgt Ion: 75 Resp: 370494

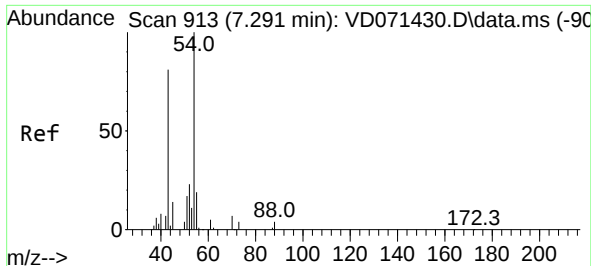
Ion Ratio Lower Upper

75 100

110 32.6 17.8 53.4

77 30.0 24.8 37.2

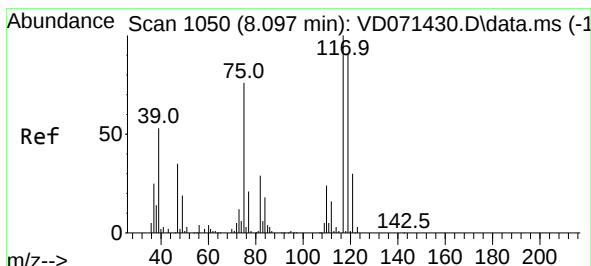
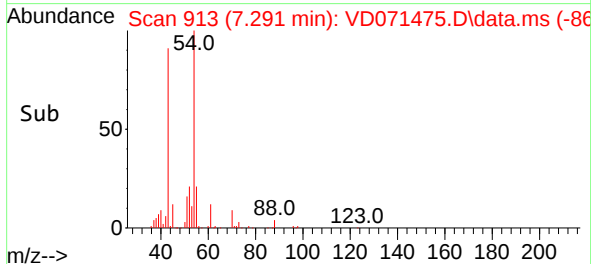
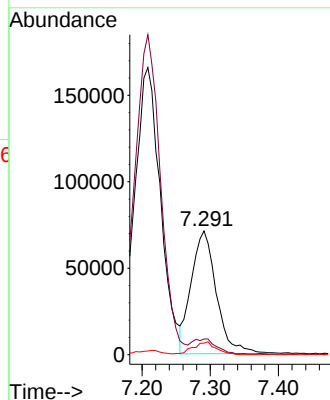
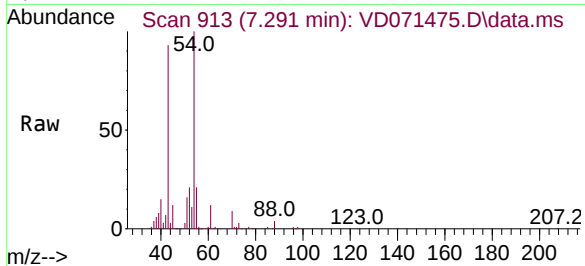




#37
Ethyl Acetate
Concen: 49.856 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

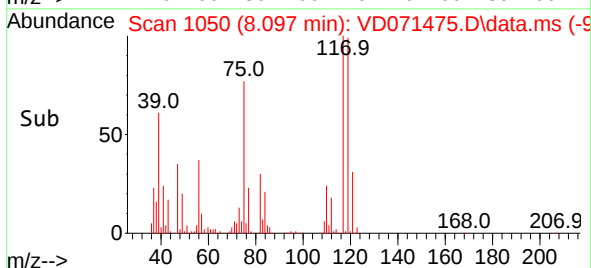
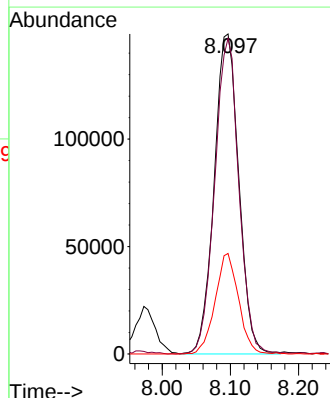
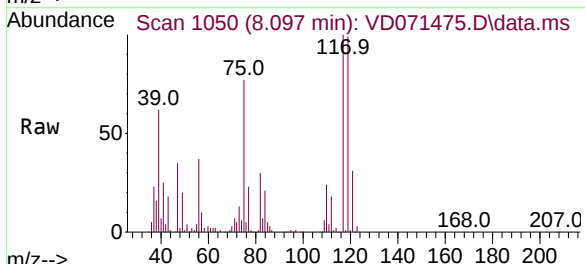
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

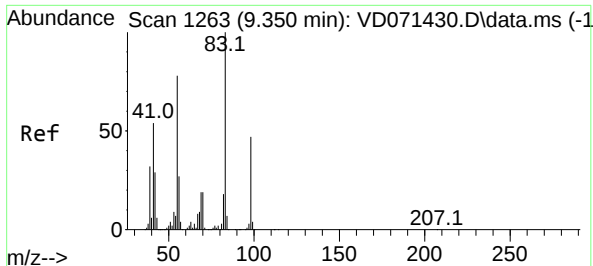
Tgt Ion: 43 Resp: 181366
Ion Ratio Lower Upper
43 100
61 11.9 13.0 19.6#
70 9.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.162 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 117 Resp: 374412
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 31.4 23.6 35.4





#39

Methylcyclohexane

Concen: 93.246 ug/l

RT: 9.320 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD

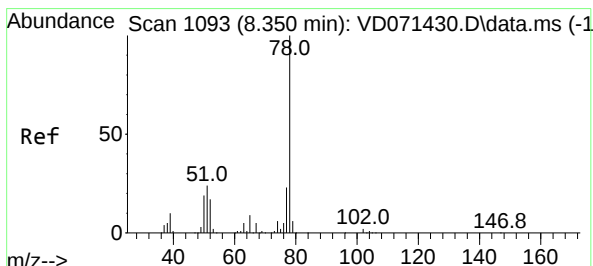
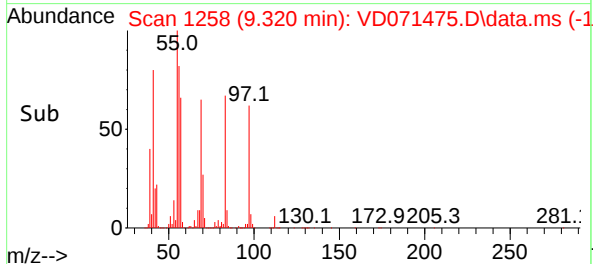
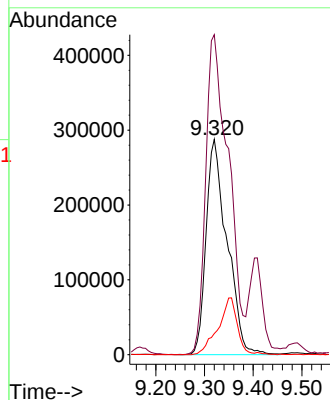
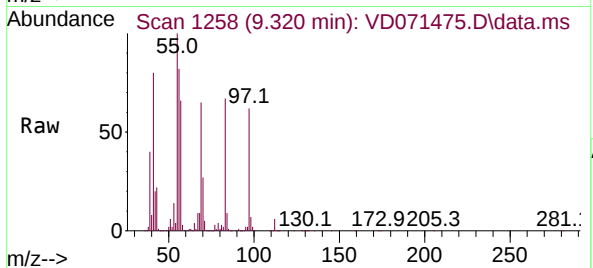
Tgt Ion: 83 Resp: 860103

Ion Ratio Lower Upper

83 100

55 148.5 65.8 98.8#

98 9.8 38.7 58.1#



#40

Benzene

Concen: 50.378 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071475.D

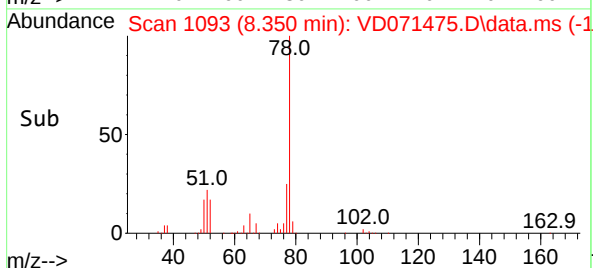
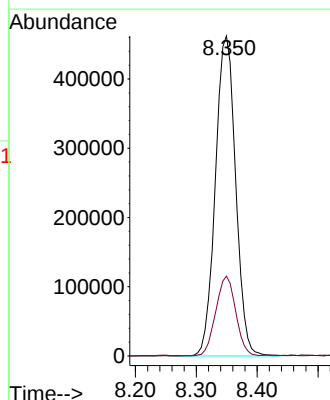
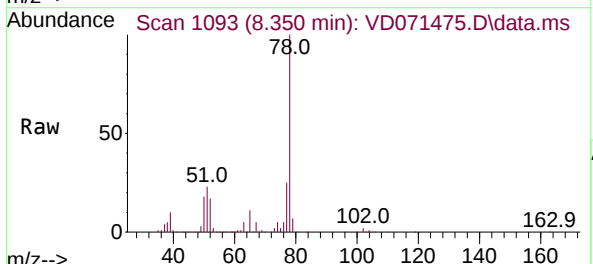
Acq: 25 Dec 2021 23:15

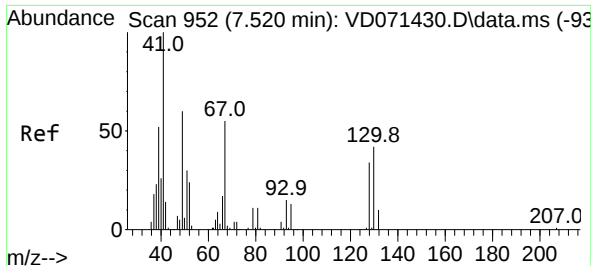
Tgt Ion: 78 Resp: 1067156

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7

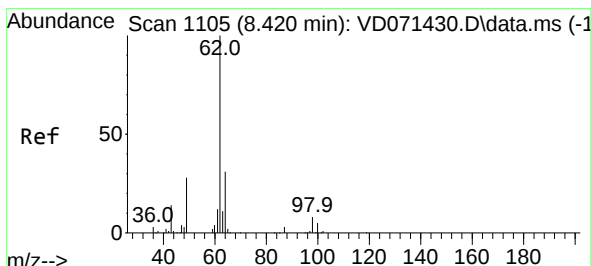
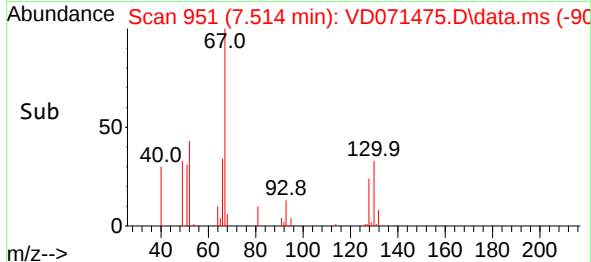
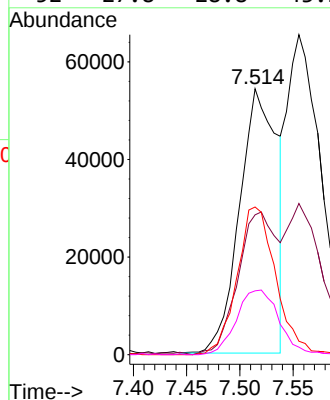
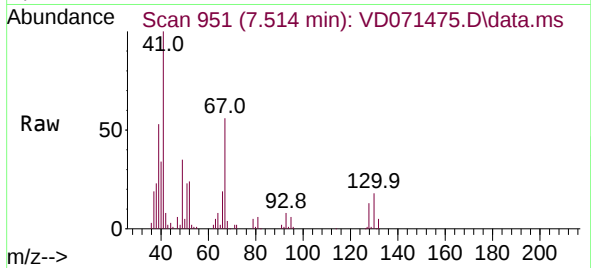




#41
Methacrylonitrile
Concen: 61.334 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

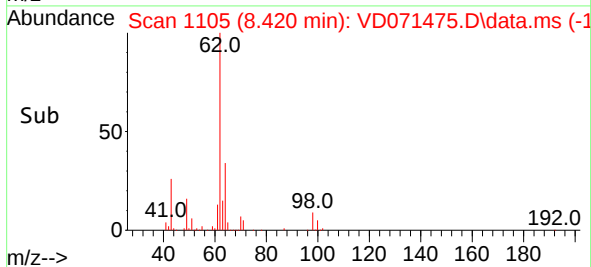
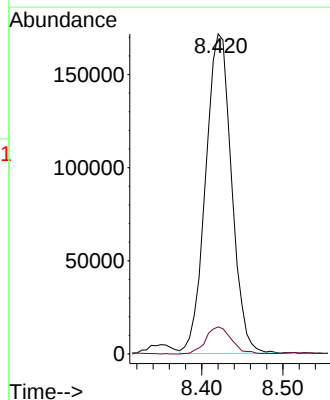
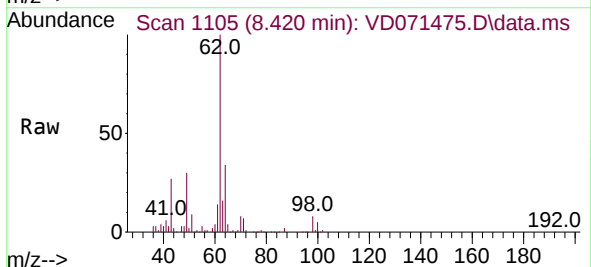
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

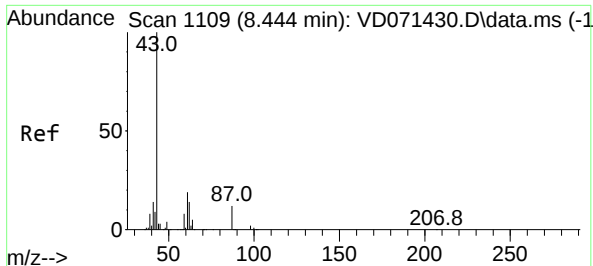
Tgt Ion: 41 Resp: 132528
Ion Ratio Lower Upper
41 100
39 56.5 60.2 90.4#
67 58.1 74.8 112.2#
52 27.8 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 55.231 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 62 Resp: 381505
Ion Ratio Lower Upper
62 100
98 8.5 0.0 21.8

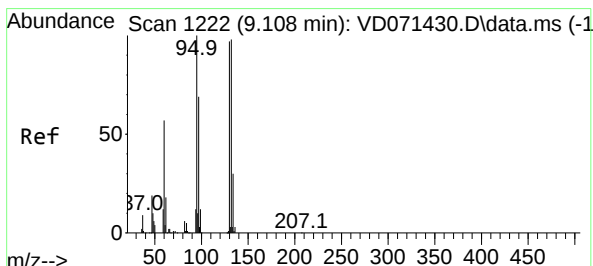
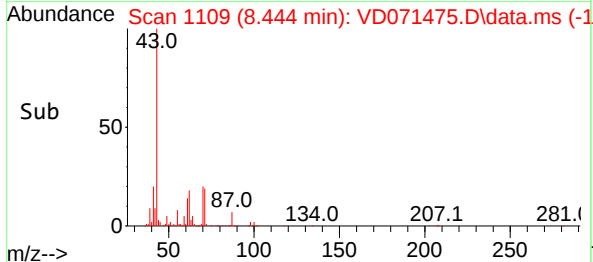
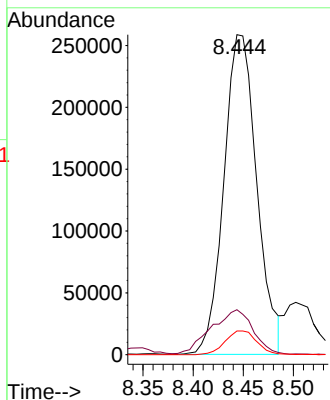
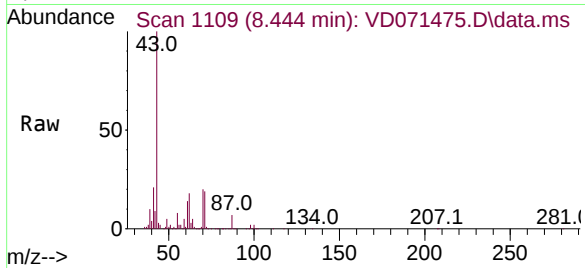




#43
Isopropyl Acetate
Concen: 81.938 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

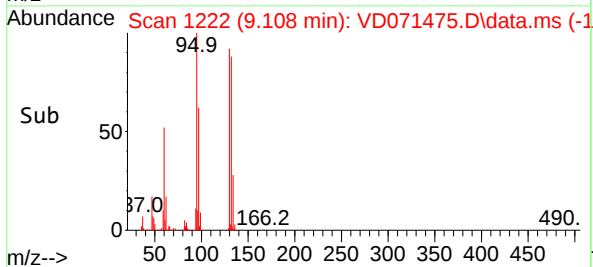
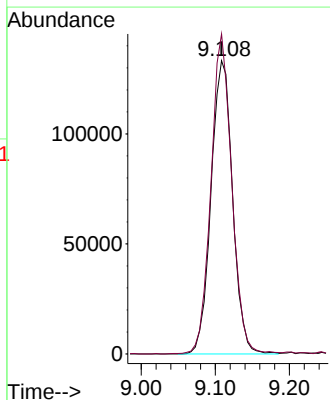
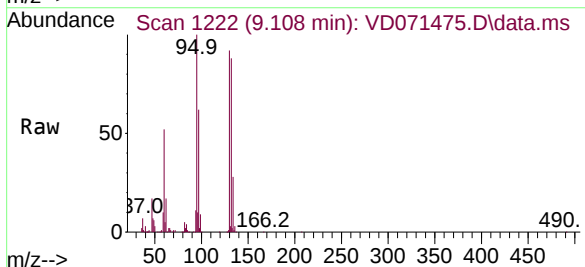
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

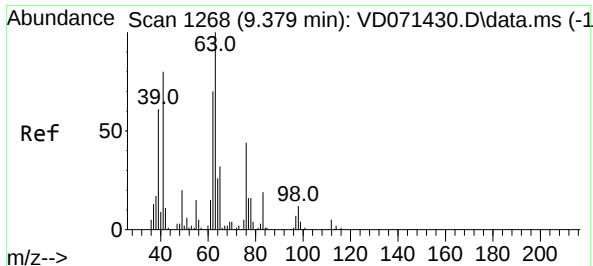
Tgt Ion: 43 Resp: 591532
Ion Ratio Lower Upper
43 100
61 18.0 28.2 42.4#
87 7.2 10.7 16.1#



#44
Trichloroethene
Concen: 48.680 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:130 Resp: 268721
Ion Ratio Lower Upper
130 100
95 109.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 53.431 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

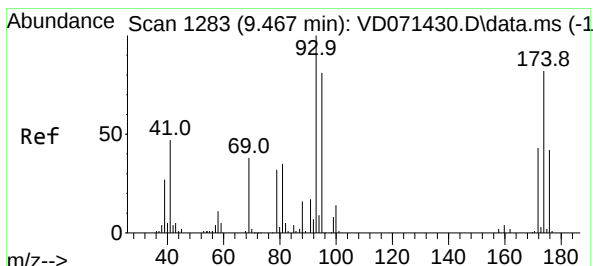
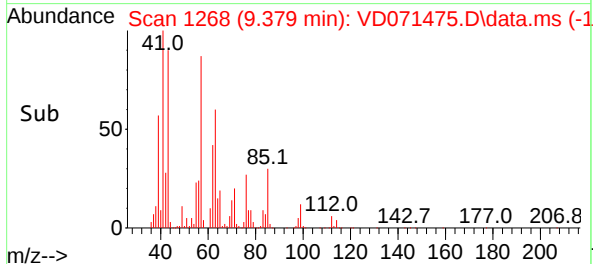
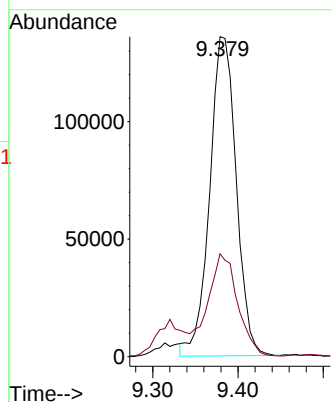
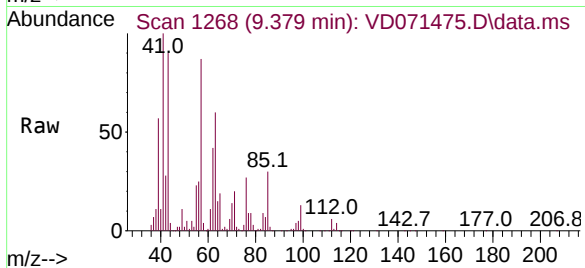
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion: 63 Resp: 293695

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.2



#46

Dibromomethane

Concen: 50.448 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

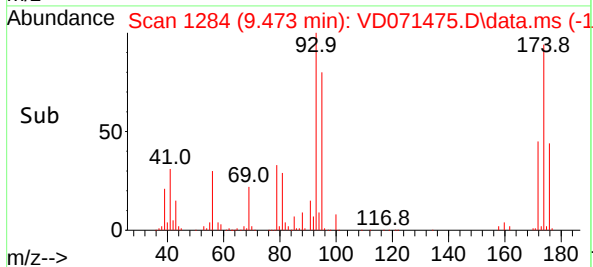
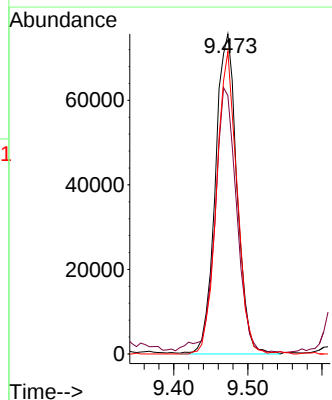
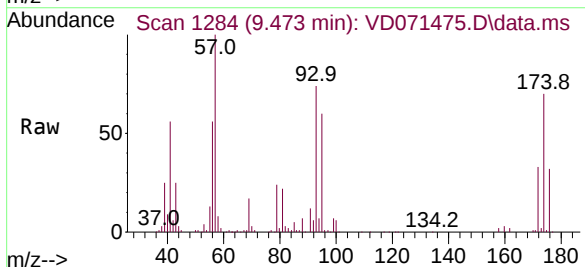
Tgt Ion: 93 Resp: 153197

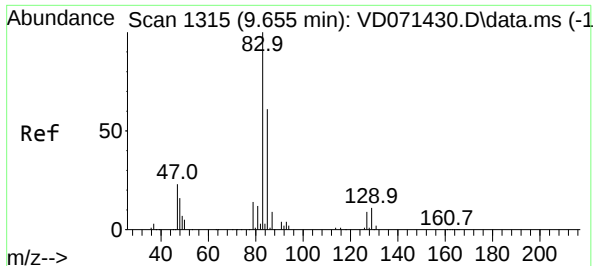
Ion Ratio Lower Upper

93 100

95 83.7 66.1 99.1

174 89.7 78.6 117.8

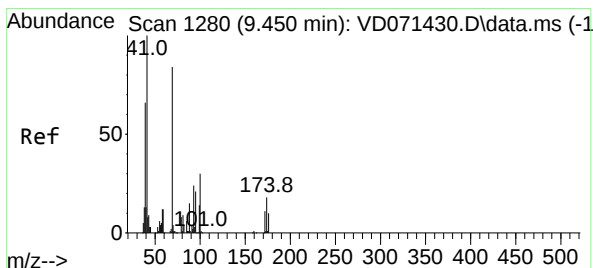
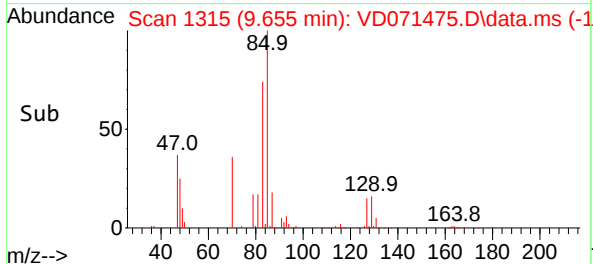
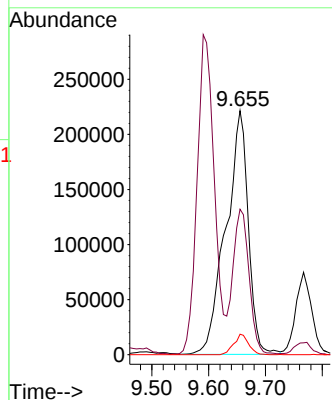
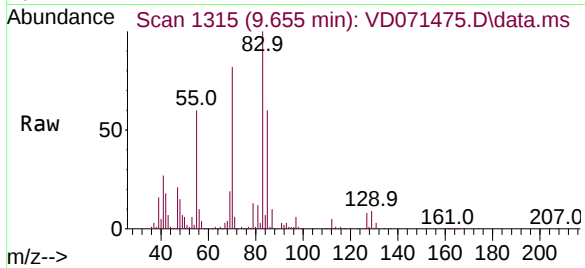




#47
Bromodichloromethane
Concen: 78.408 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

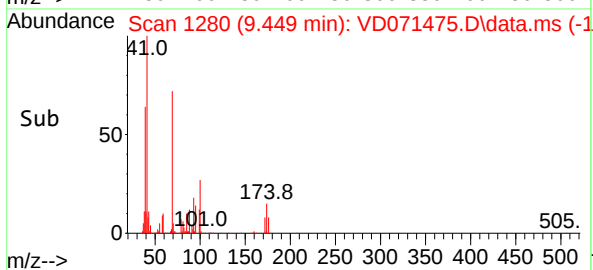
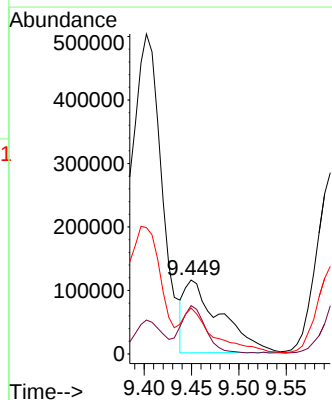
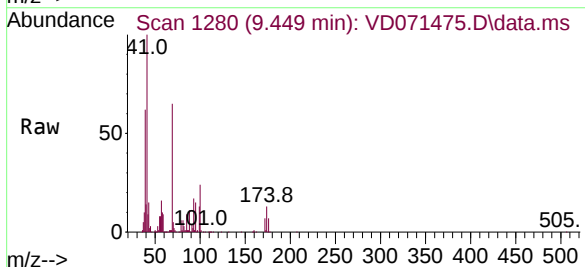
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

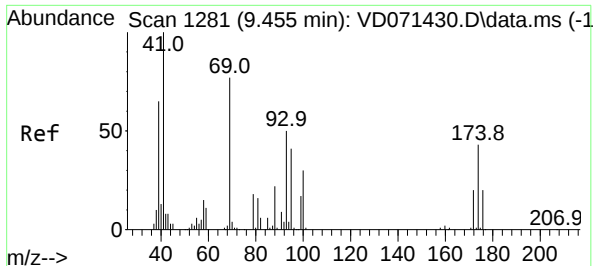
Tgt Ion: 83 Resp: 604529
Ion Ratio Lower Upper
83 100
85 59.2 50.0 75.0
127 8.4 7.3 10.9



#48
Methyl methacrylate
Concen: 84.341 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 41 Resp: 301305
Ion Ratio Lower Upper
41 100
69 45.9 69.8 104.6#
39 55.4 35.6 53.4#





#49

1,4-Dioxane

Concen: 940.509 ug/l

RT: 9.455 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071475.D

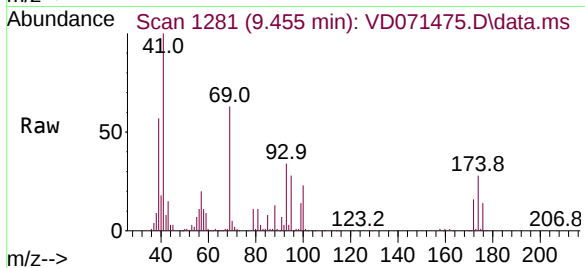
Acq: 25 Dec 2021 23:15

Instrument :

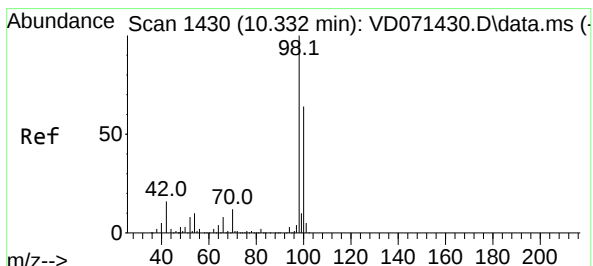
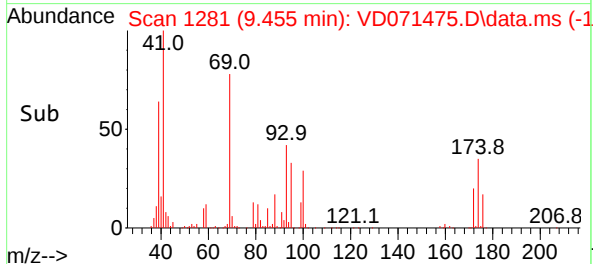
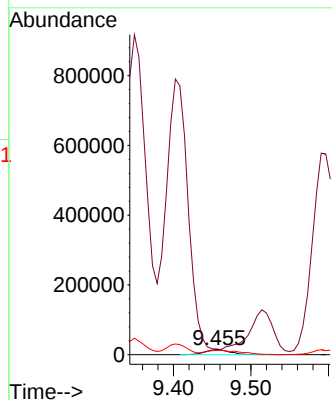
MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:	88	Resp:	32275
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.9	43.3#
58	121.2	56.3	84.5#



#50

Toluene-d8

Concen: 52.391 ug/l

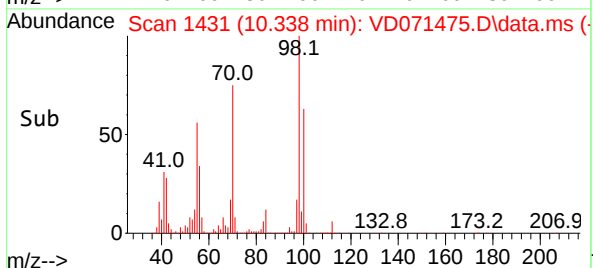
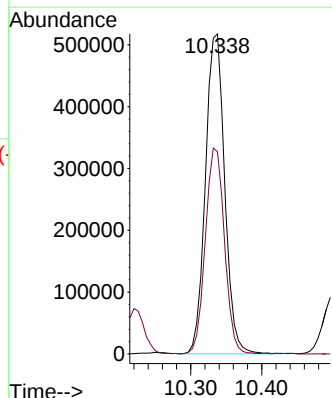
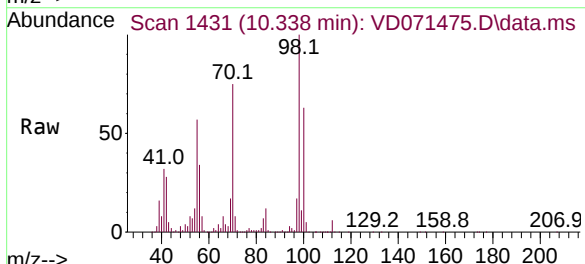
RT: 10.338 min Scan# 1431

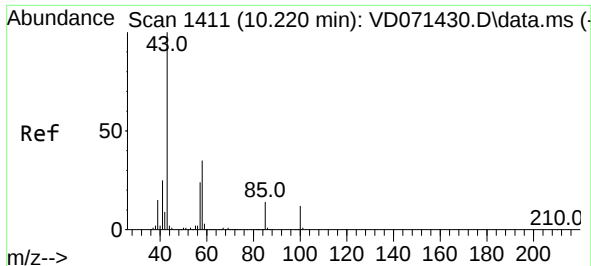
Delta R.T. 0.006 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Tgt Ion:	98	Resp:	976491
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.6

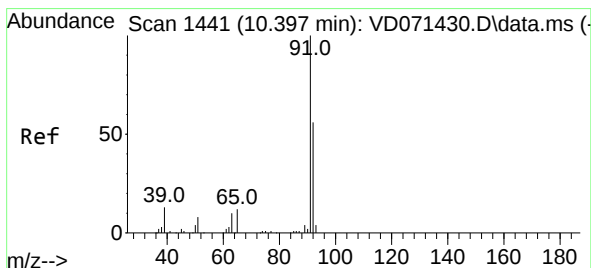
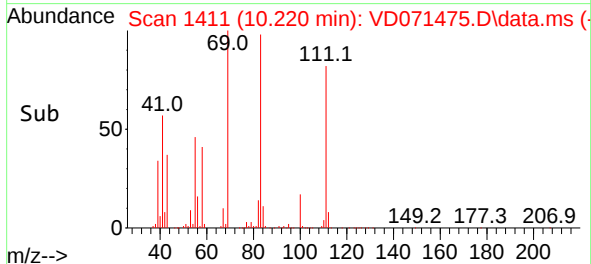
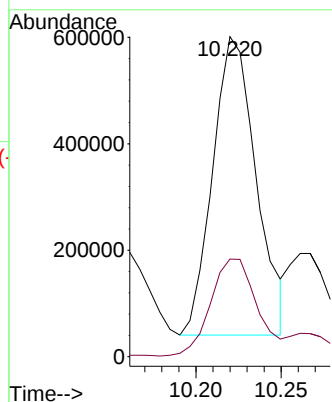
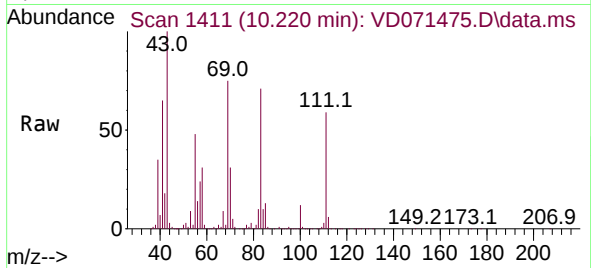




#51
4-Methyl-2-Pentanone
Concen: 261.992 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

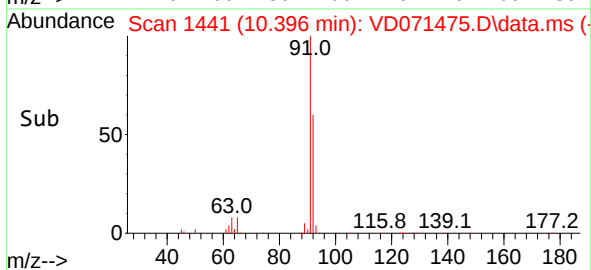
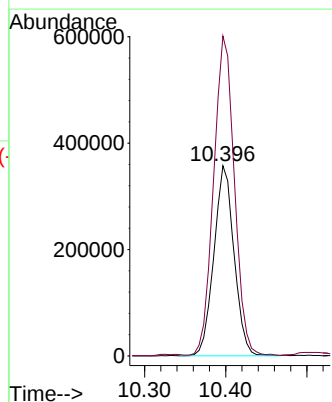
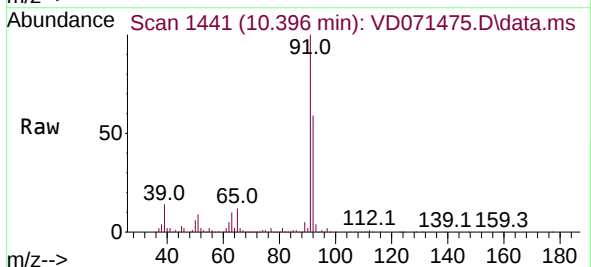
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

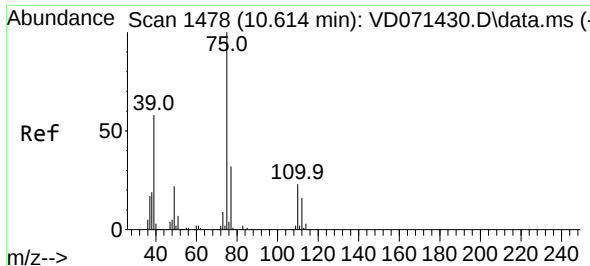
Tgt Ion: 43 Resp: 995085
Ion Ratio Lower Upper
43 100
58 34.5 33.1 49.7



#52
Toluene
Concen: 45.783 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 92 Resp: 616067
Ion Ratio Lower Upper
92 100
91 173.0 140.7 211.1

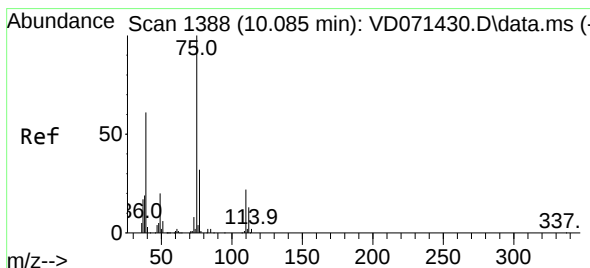
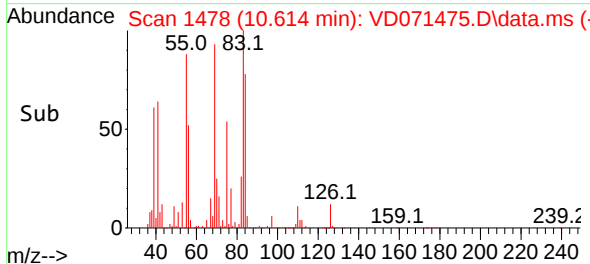
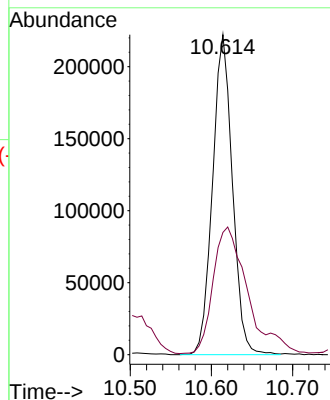
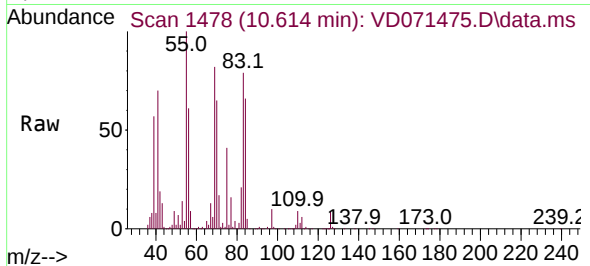




#53
t-1,3-Dichloropropene
Concen: 52.454 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

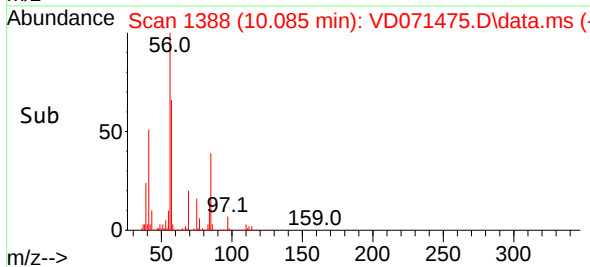
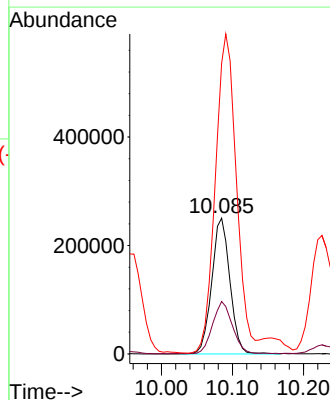
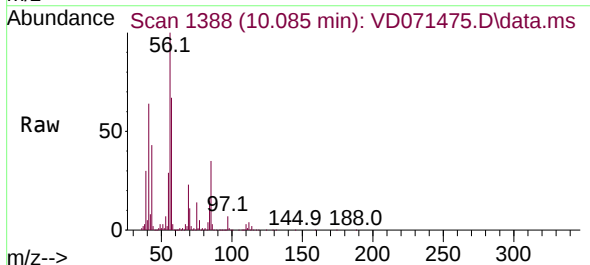
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

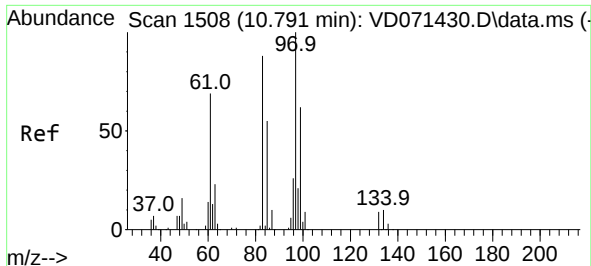
Tgt Ion: 75 Resp: 377647
Ion Ratio Lower Upper
75 100
77 37.9 24.5 36.7#



#54
cis-1,3-Dichloropropene
Concen: 53.316 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 75 Resp: 443565
Ion Ratio Lower Upper
75 100
77 38.4 25.0 37.6#
39 213.1 31.6 47.4#

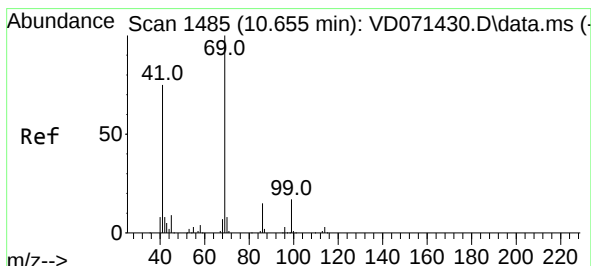
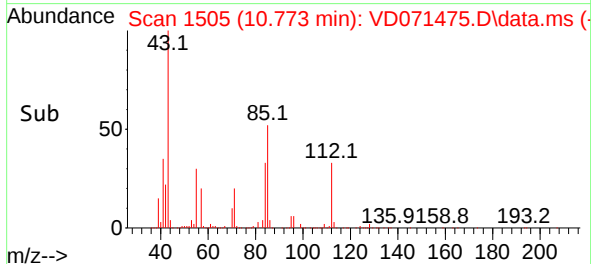
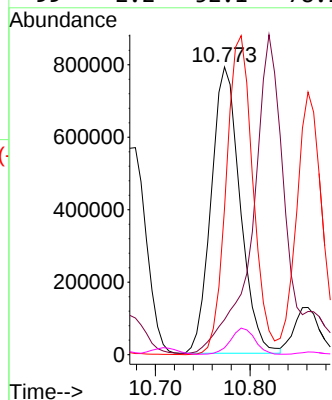
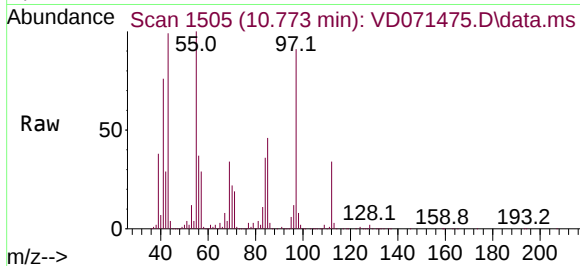




#55
1,1,2-Trichloroethane
Concen: 434.756 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

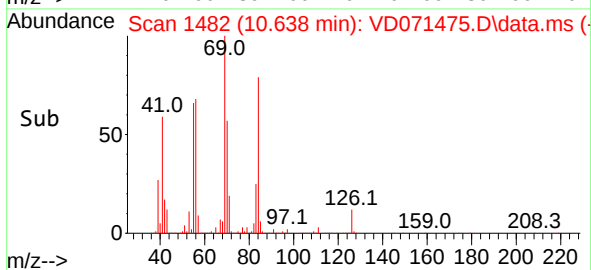
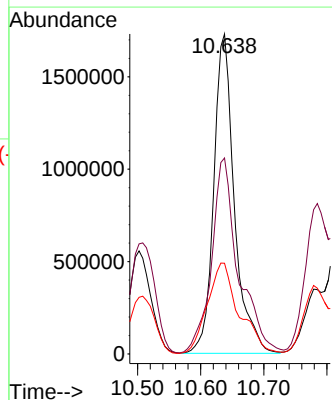
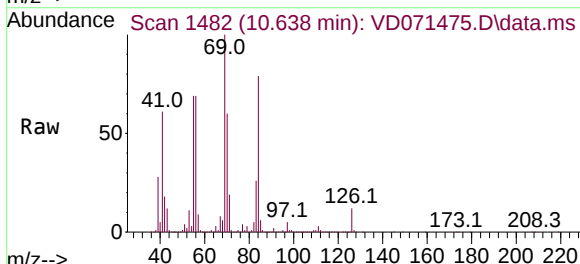
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

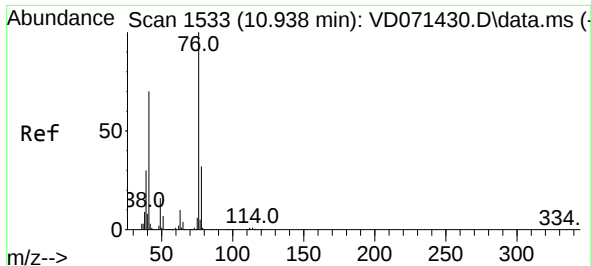
Tgt Ion: 97 Resp: 1675815
Ion Ratio Lower Upper
97 100
83 11.8 65.2 97.8#
85 51.0 43.4 65.0
99 2.2 52.1 78.1#



#56
Ethyl methacrylate
Concen: 773.362 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.017 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 69 Resp: 3922814
Ion Ratio Lower Upper
69 100
41 79.3 50.2 75.2#
39 43.4 19.8 29.8#





#57

1,3-Dichloropropane

Concen: 57.401 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071475.D

Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

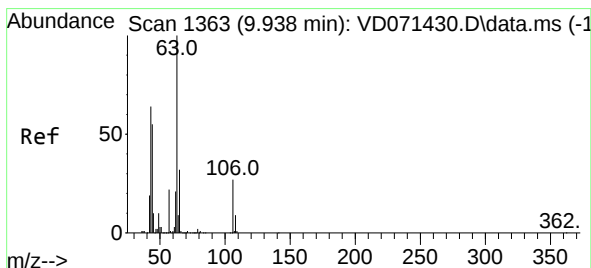
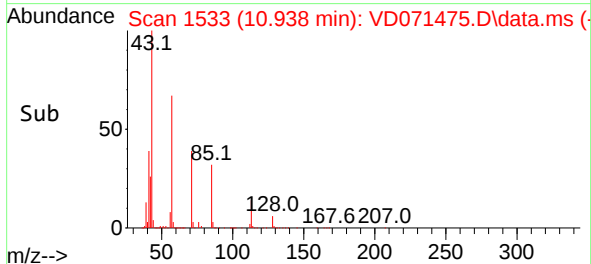
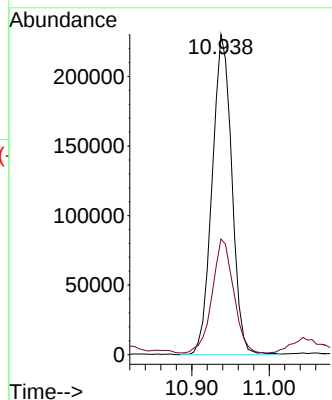
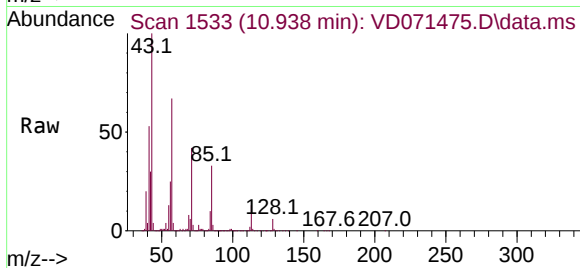
DB-4-(7.5-8)-12-8-21MSD

Tgt Ion: 76 Resp: 405283

Ion Ratio Lower Upper

76 100

78 38.9 25.8 38.6#



#58

2-Chloroethyl Vinyl ether

Concen: 241.571 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071475.D

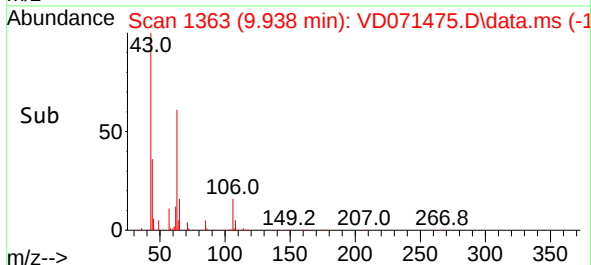
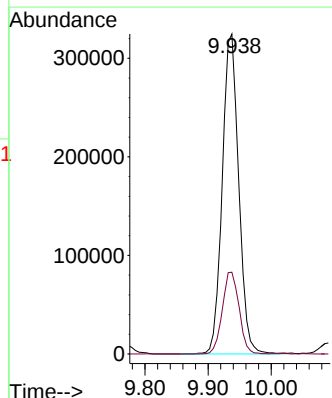
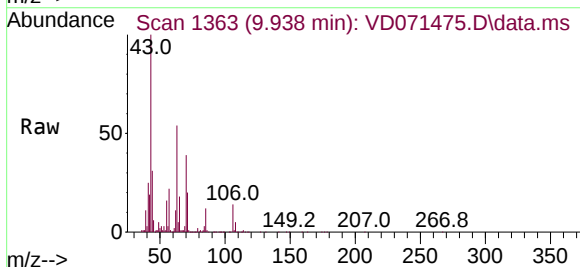
Acq: 25 Dec 2021 23:15

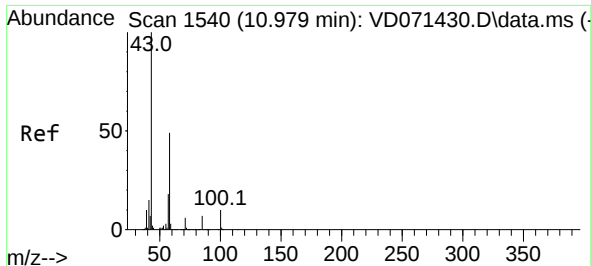
Tgt Ion: 63 Resp: 586962

Ion Ratio Lower Upper

63 100

106 26.0 21.0 31.4

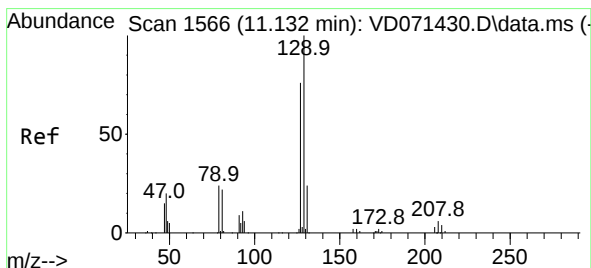
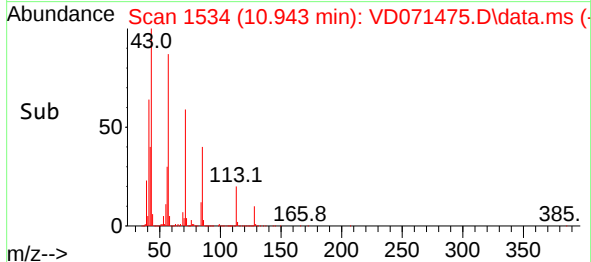
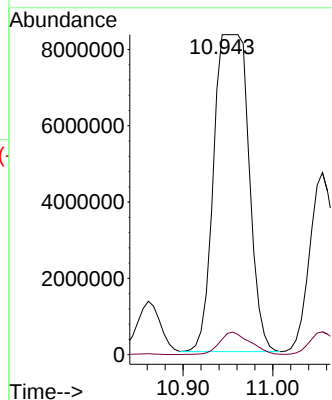
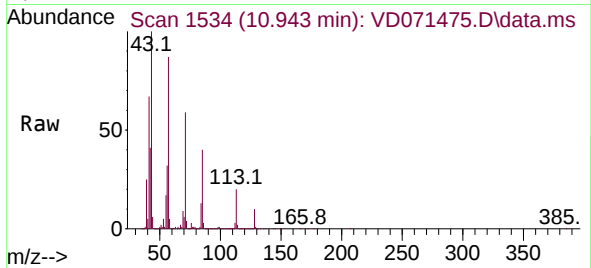




#59
2-Hexanone
Concen: 8364.849 ug/l
RT: 10.943 min Scan# 11
Delta R.T. -0.036 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

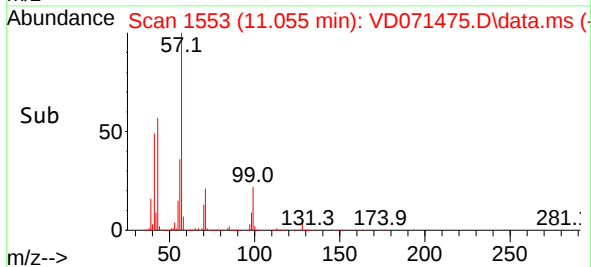
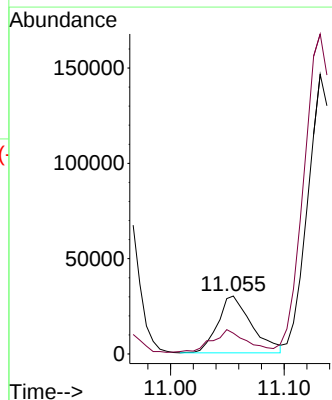
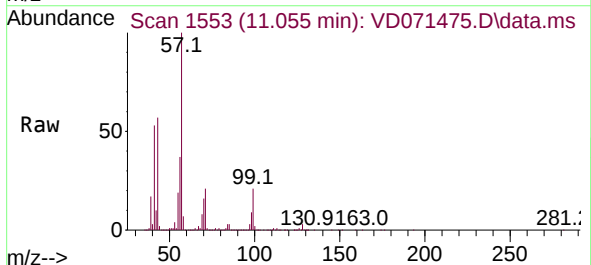
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

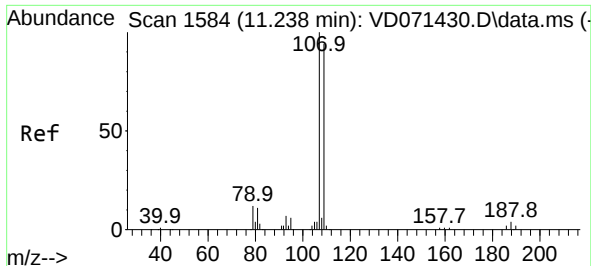
Tgt Ion: 43 Resp:22457358
Ion Ratio Lower Upper
43 100
58 6.2 28.7 86.1#



#60
Dibromochloromethane
Concen: 12.661 ug/l
RT: 11.055 min Scan# 1553
Delta R.T. -0.077 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:129 Resp: 61351
Ion Ratio Lower Upper
129 100
127 41.6 38.9 116.6

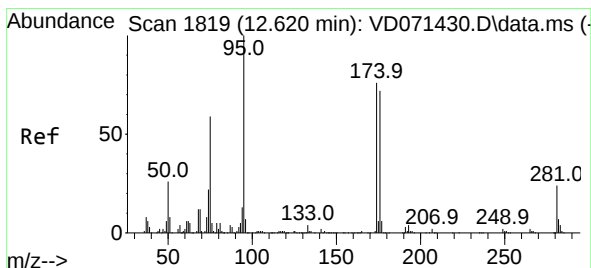
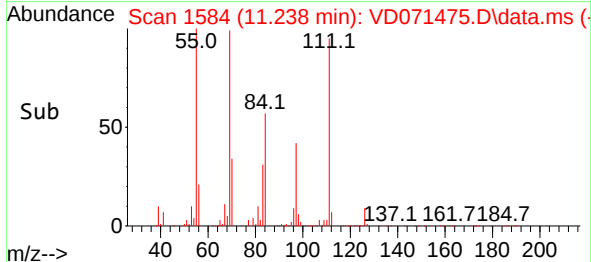
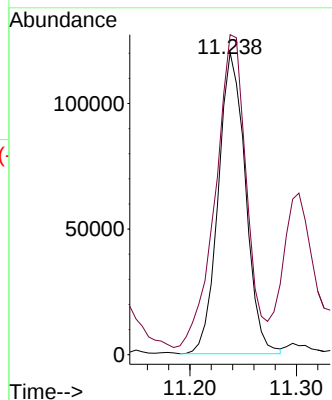
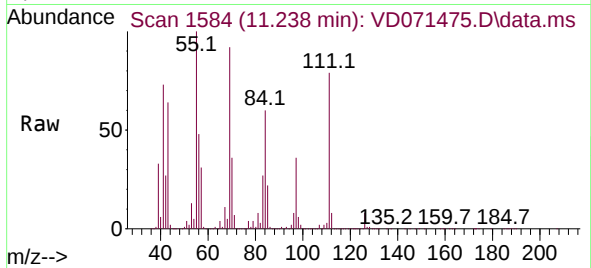




#61
1,2-Dibromoethane
Concen: 55.686 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

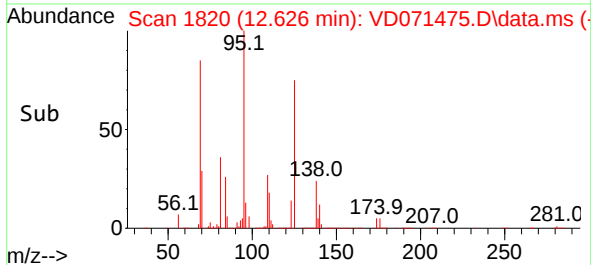
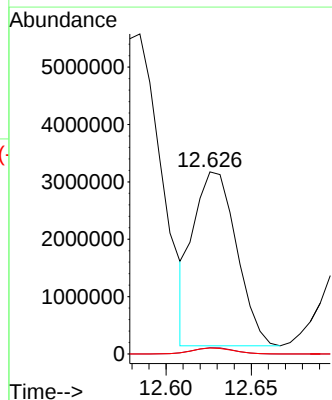
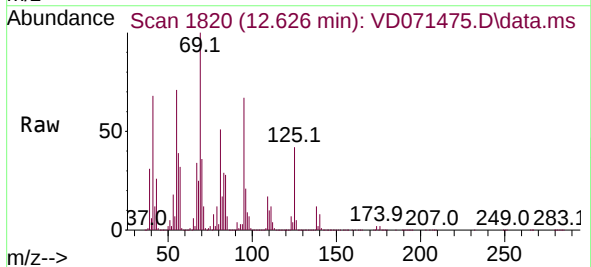
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

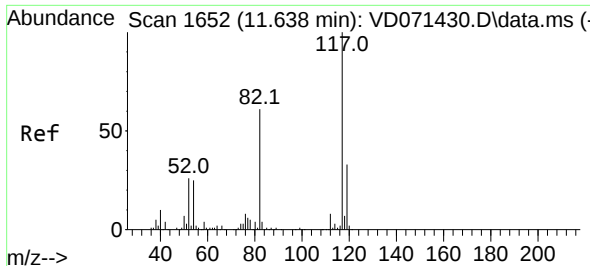
Tgt Ion:107 Resp: 212603
Ion Ratio Lower Upper
107 100
109 119.4 74.6 112.0#



#62
4-Bromofluorobenzene
Concen: 805.248 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 95 Resp: 5333318
Ion Ratio Lower Upper
95 100
174 3.5 0.0 159.4
176 3.3 0.0 154.0

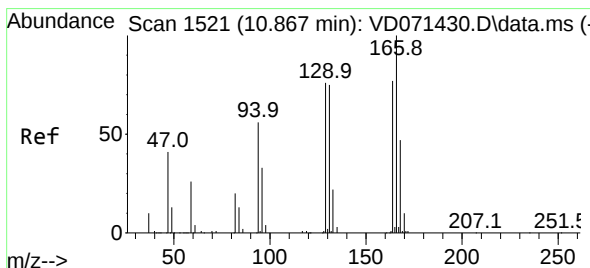
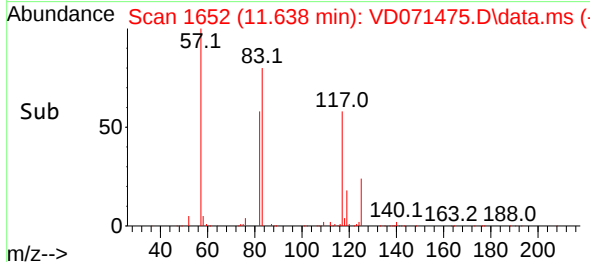
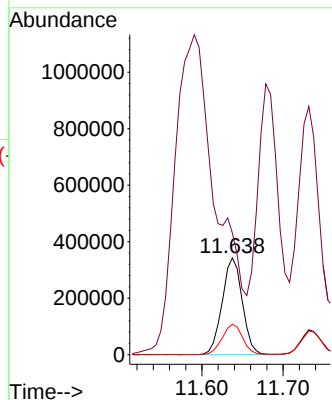
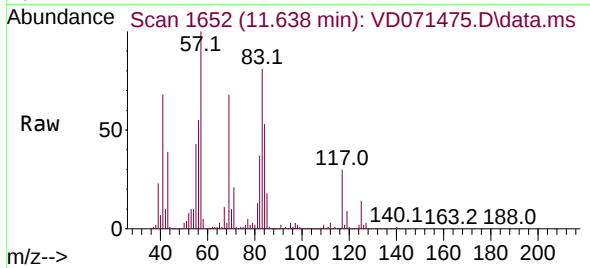




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

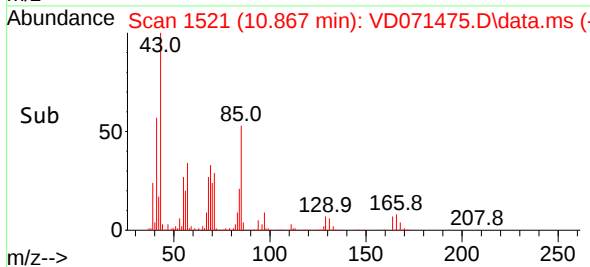
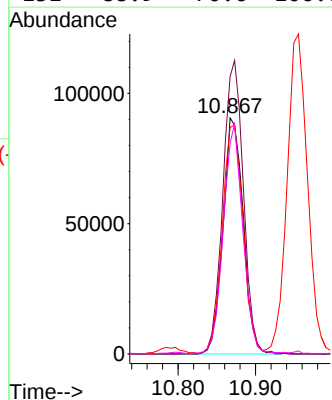
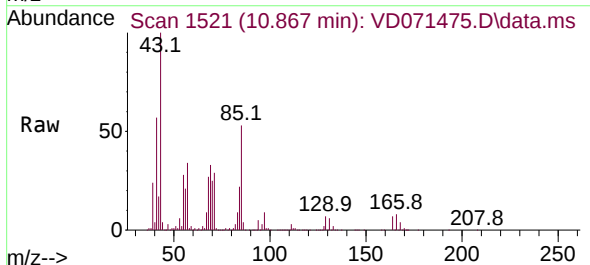
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

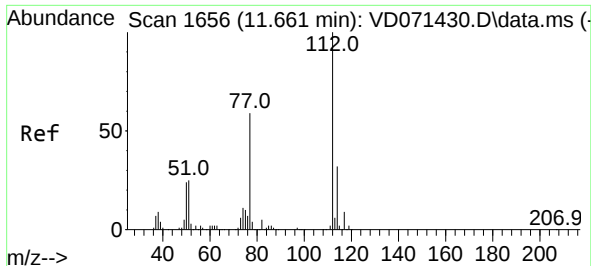
Tgt Ion:117 Resp: 590213
Ion Ratio Lower Upper
117 100
82 0.0 44.7 67.1#
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 40.110 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:164 Resp: 164510
Ion Ratio Lower Upper
164 100
166 117.6 102.6 153.8
129 94.5 75.4 113.0
131 88.9 70.6 106.0

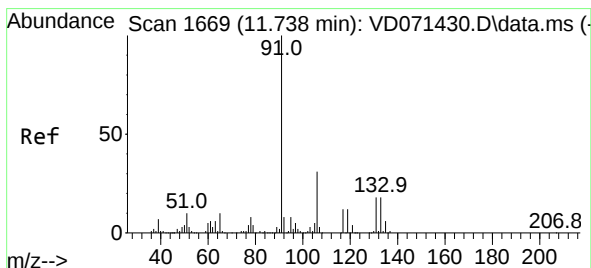
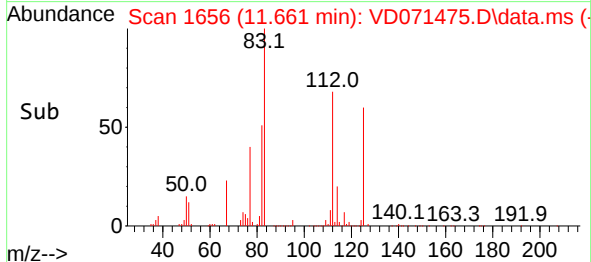
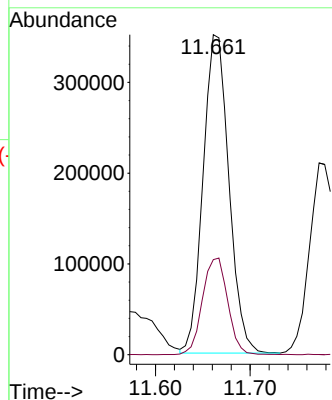
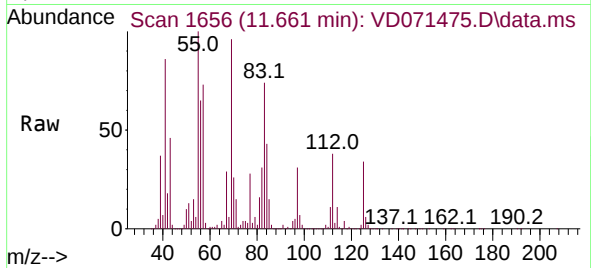




#65
Chlorobenzene
Concen: 54.786 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

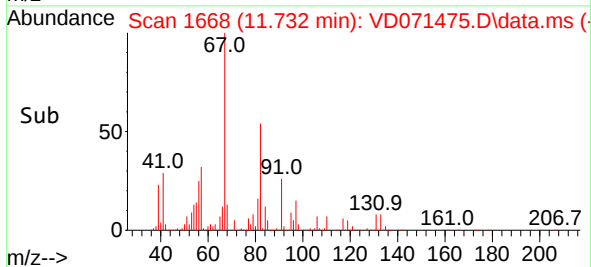
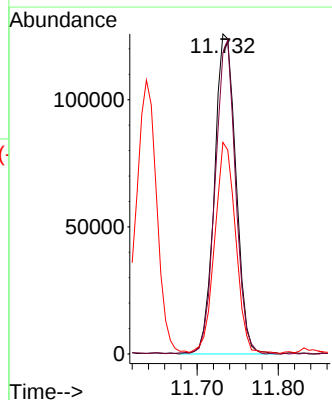
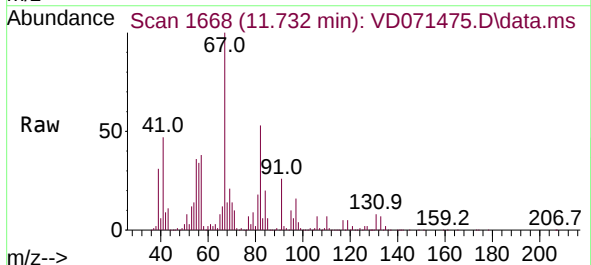
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

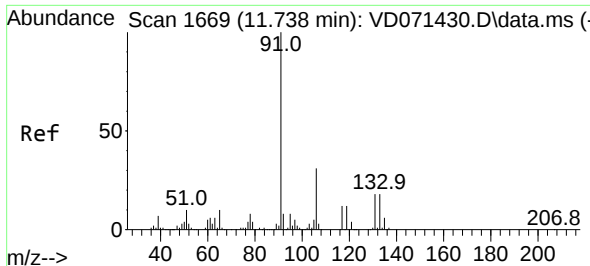
Tgt Ion:112 Resp: 663271
Ion Ratio Lower Upper
112 100
114 29.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.263 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:131 Resp: 231151
Ion Ratio Lower Upper
131 100
133 93.5 48.0 144.0
119 64.2 33.5 100.4

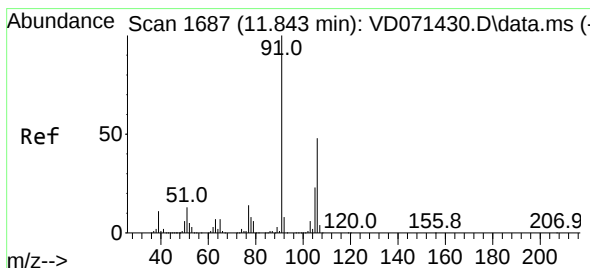
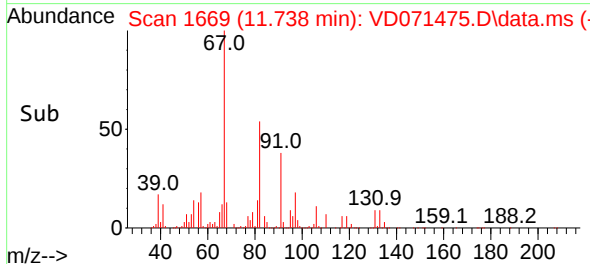
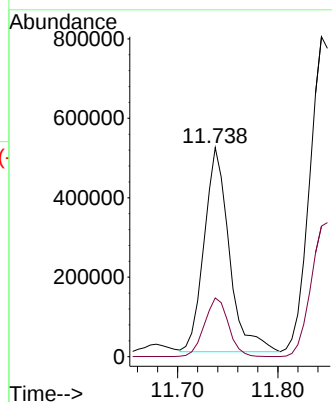
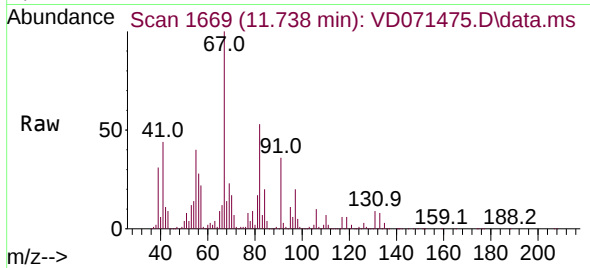




#67
Ethyl Benzene
Concen: 39.700 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

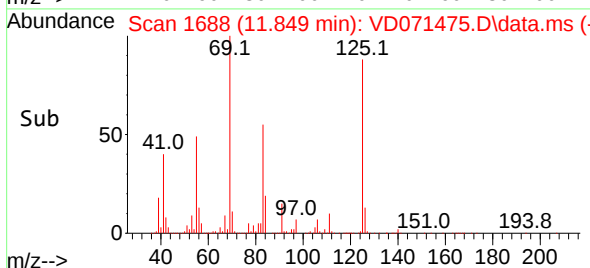
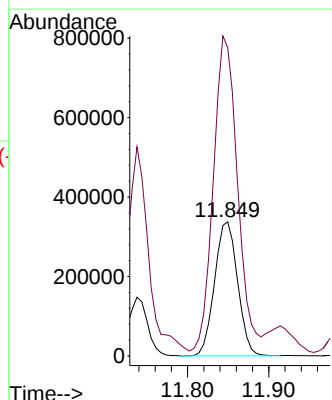
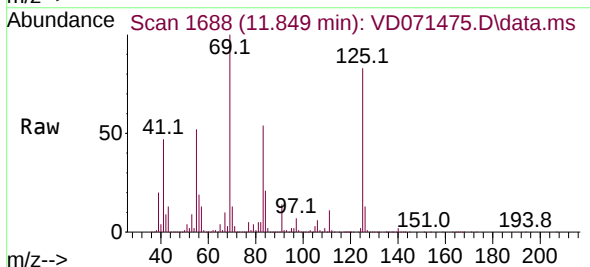
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

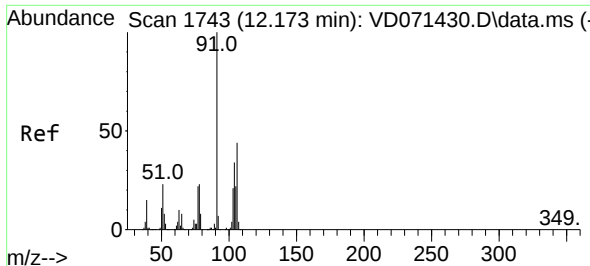
Tgt Ion: 91 Resp: 894481
Ion Ratio Lower Upper
91 100
106 28.7 24.6 36.8



#68
m/p-Xylenes
Concen: 77.396 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:106 Resp: 662511
Ion Ratio Lower Upper
106 100
91 246.1 160.1 240.1#

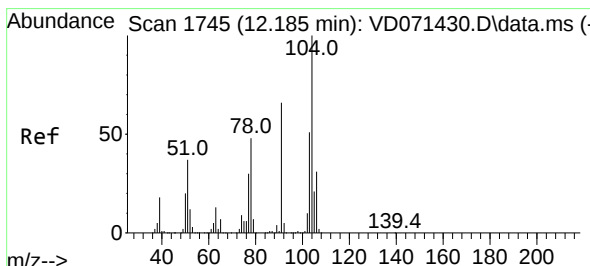
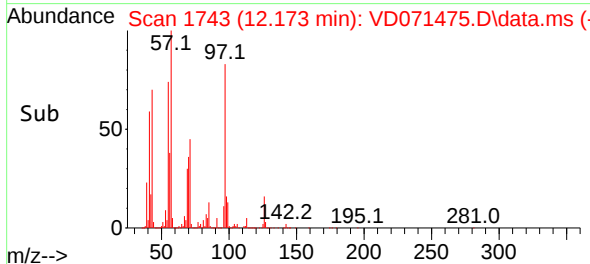
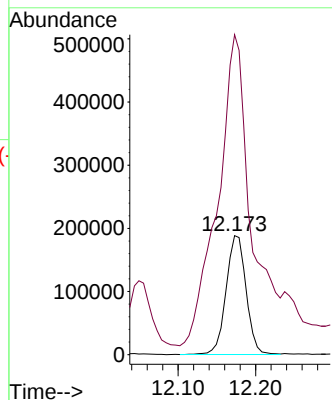
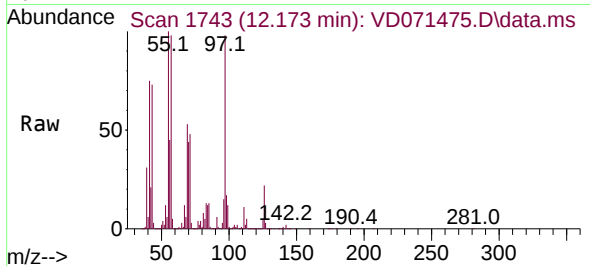




#69
o-Xylene
Concen: 43.415 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

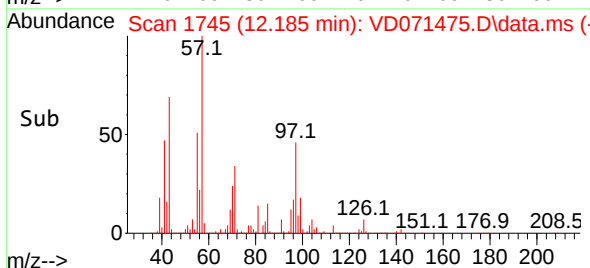
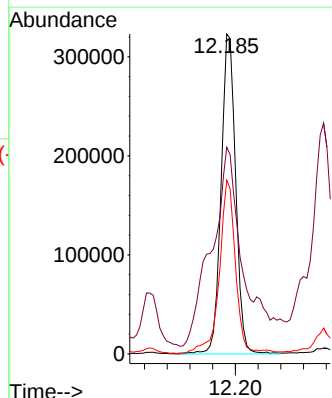
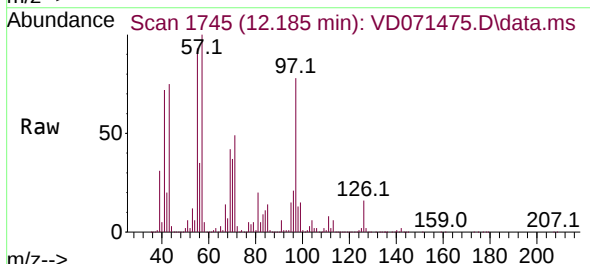
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

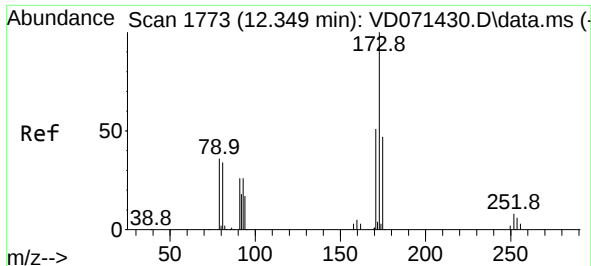
Tgt Ion:106 Resp: 339701
Ion Ratio Lower Upper
106 100
91 431.3 106.3 319.0#



#70
Styrene
Concen: 42.522 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:104 Resp: 577986
Ion Ratio Lower Upper
104 100
78 118.1 39.4 59.0#
103 59.2 43.4 65.0

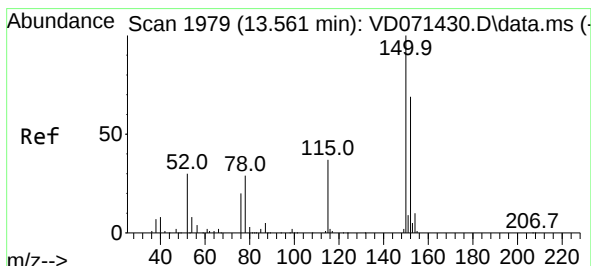
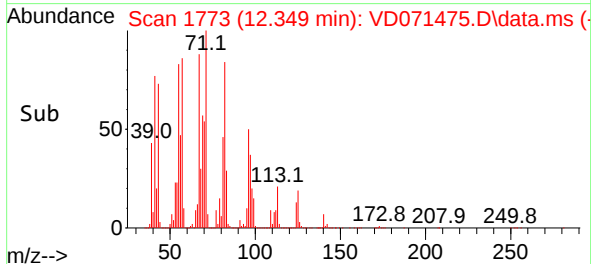
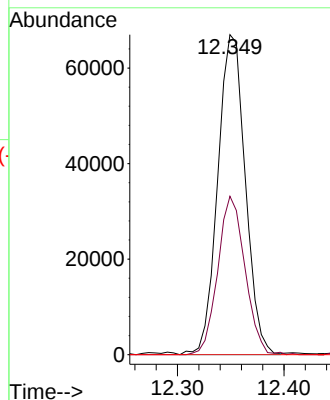
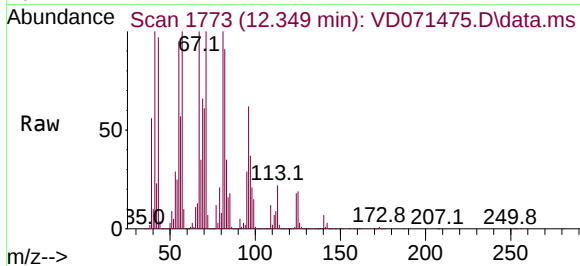




#71
Bromoform
Concen: 50.187 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

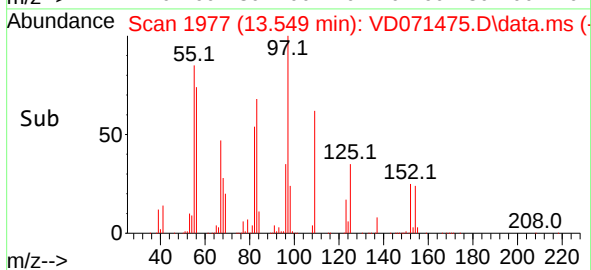
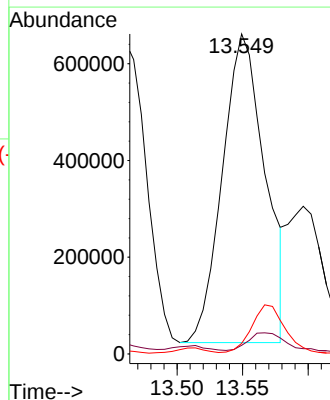
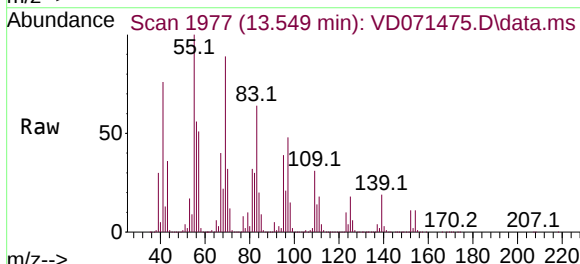
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

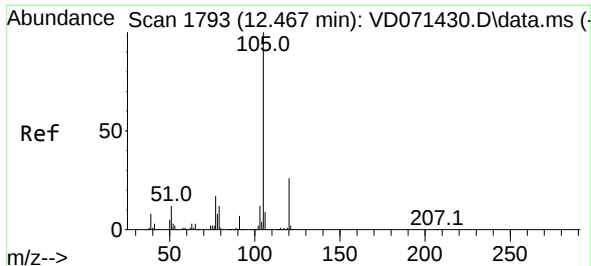
Tgt Ion:173 Resp: 120114
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.012 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:152 Resp: 1440460
Ion Ratio Lower Upper
152 100
115 5.6 29.8 89.3#
150 12.1 0.0 349.2

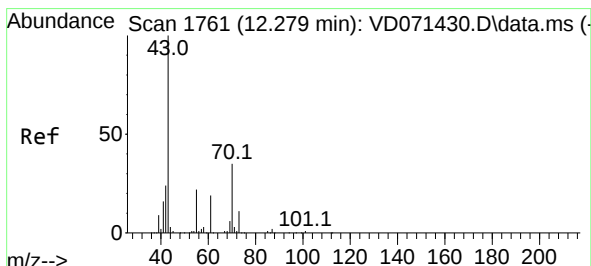
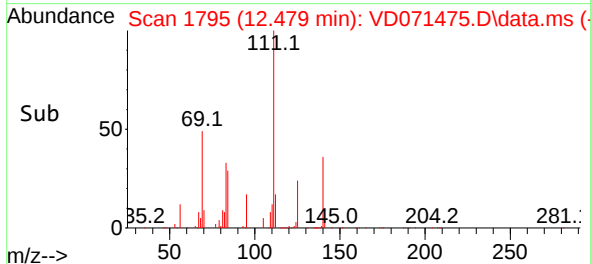
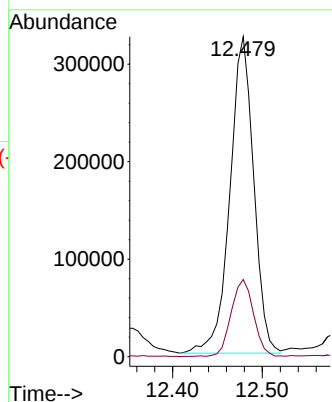
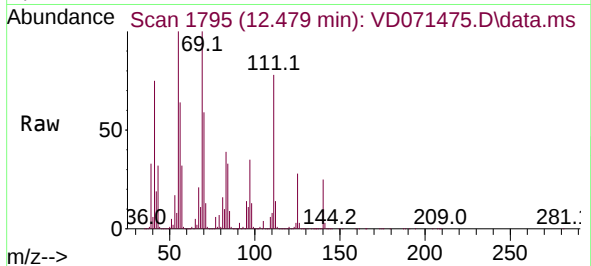




#73
Isopropylbenzene
Concen: 5.383 ug/l
RT: 12.479 min Scan# 1758
Delta R.T. 0.012 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

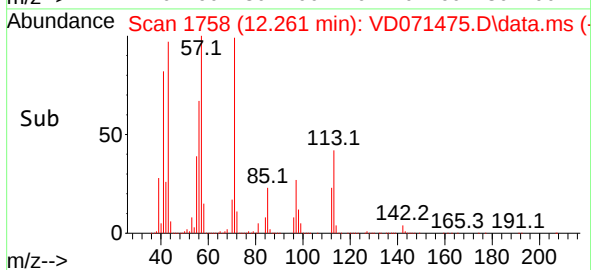
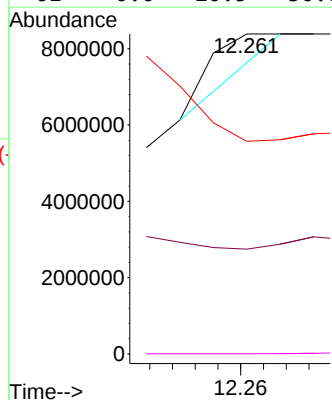
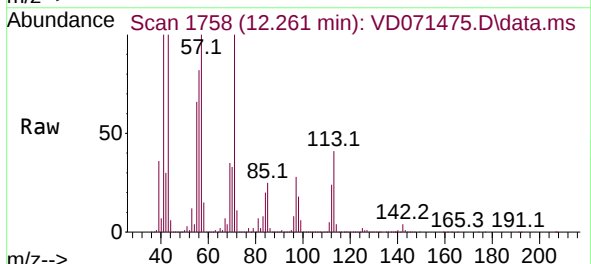
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

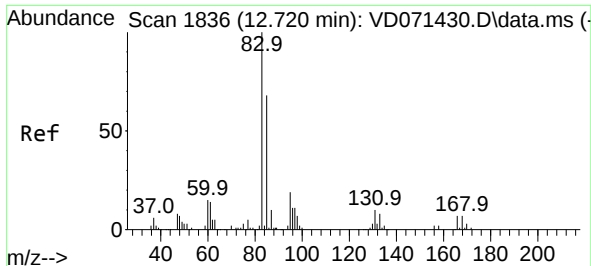
Tgt Ion:105 Resp: 597841
Ion Ratio Lower Upper
105 100
120 22.9 13.2 39.5



#74
N-ethyl acetate
Concen: 44.416 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 43 Resp: 1323363
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

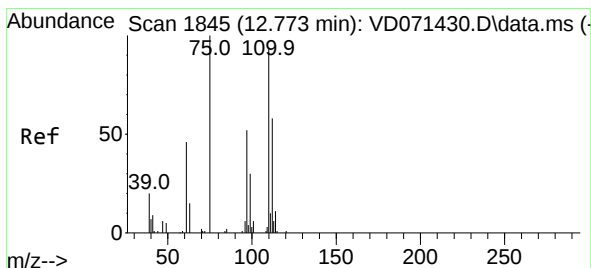
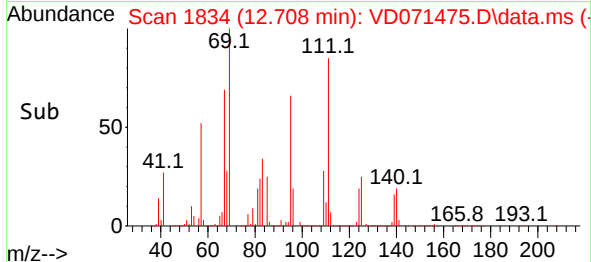
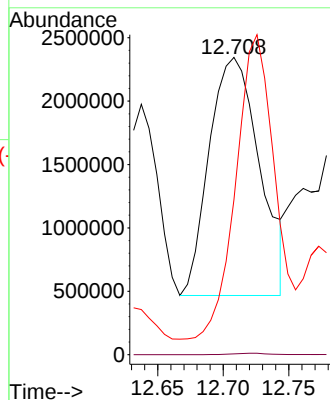
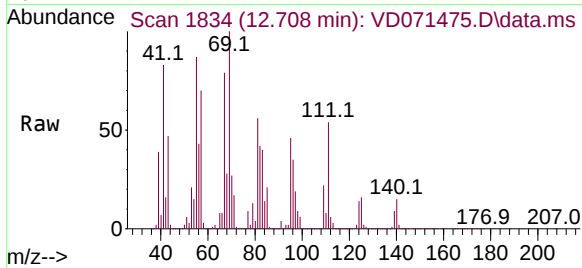




#75
 1,1,2,2-Tetrachloroethane
 Concen: 249.704 ug/l
 RT: 12.708 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

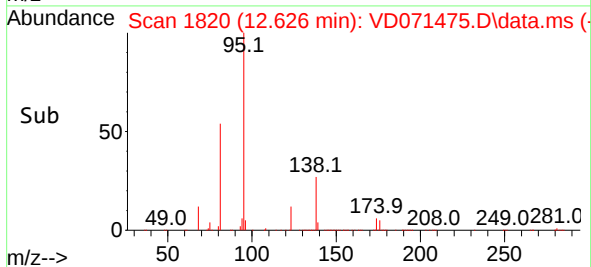
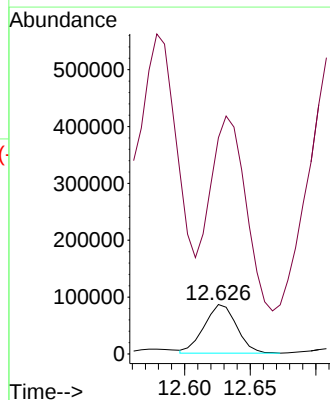
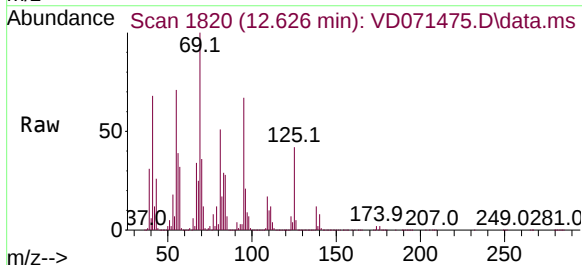
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

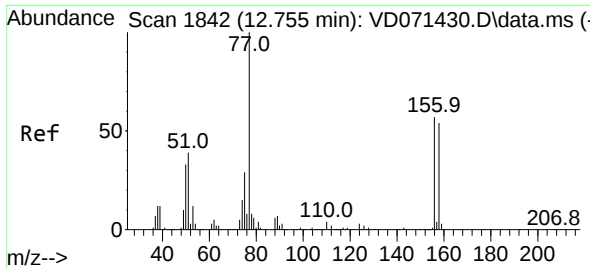
Tgt Ion: 83 Resp: 5013518
 Ion Ratio Lower Upper
 83 100
 131 0.4 4.9 14.7#
 85 98.6 32.0 96.2#



#76
 1,2,3-Trichloropropane
 Concen: 8.560 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

Tgt Ion: 75 Resp: 146510
 Ion Ratio Lower Upper
 75 100
 77 435.6 158.4 475.3

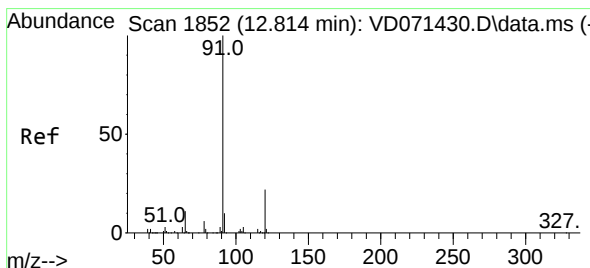
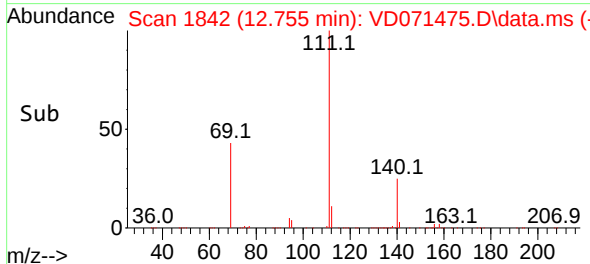
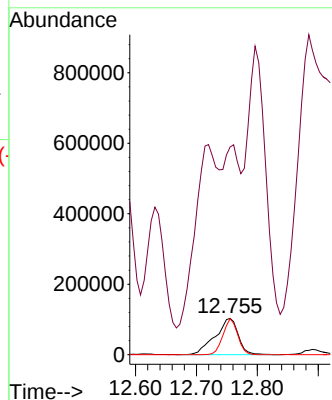
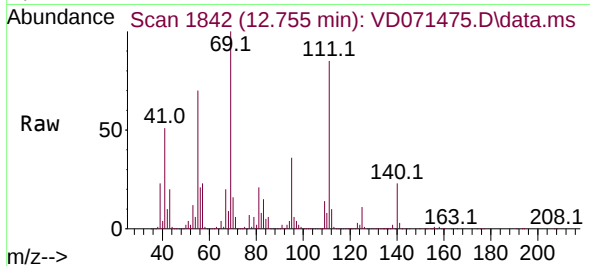




#77
Bromobenzene
Concen: 10.958 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

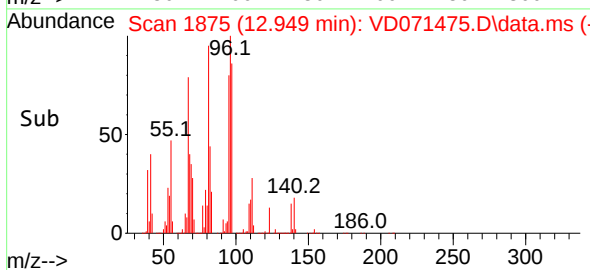
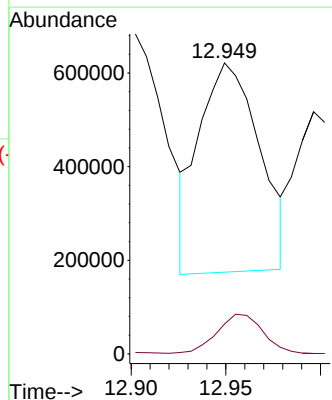
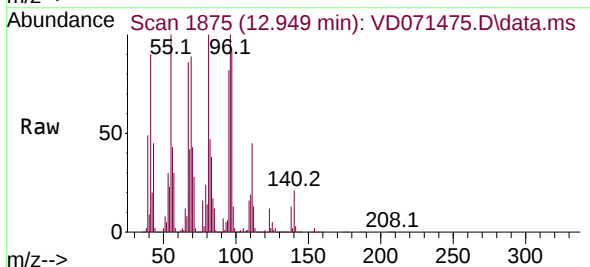
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

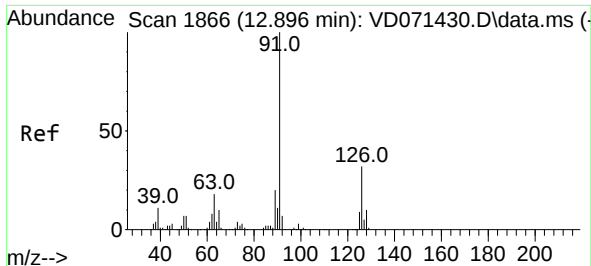
Tgt Ion:156 Resp: 270782
Ion Ratio Lower Upper
156 100
77 0.0 96.6 289.8#
158 63.0 49.1 147.4



#78
n-propylbenzene
Concen: 7.125 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.141 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 91 Resp: 991774
Ion Ratio Lower Upper
91 100
120 14.5 10.9 32.9

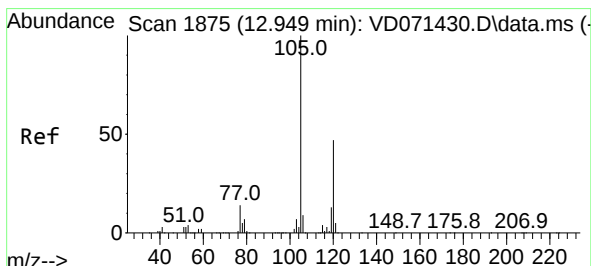
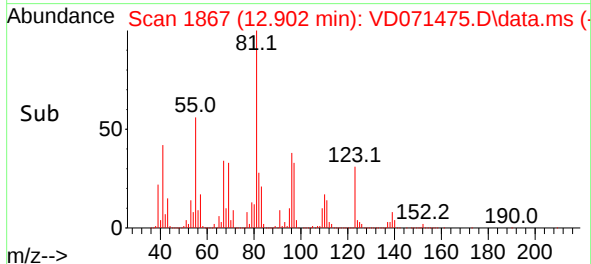
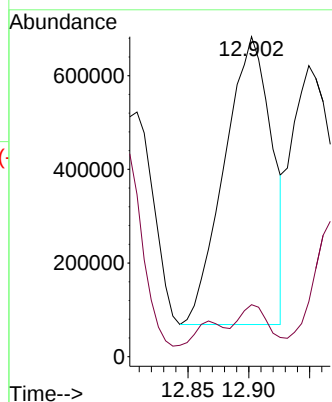
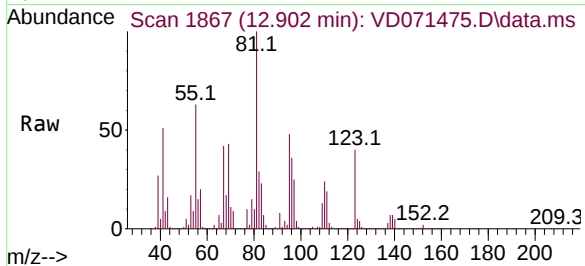




#79
2-Chlorotoluene
Concen: 21.390 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

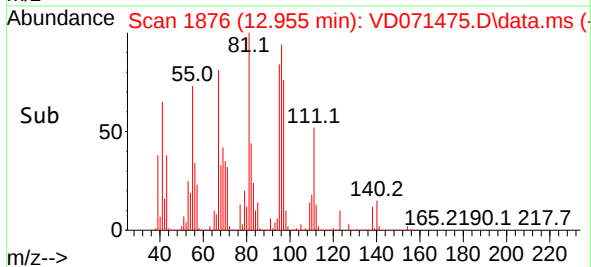
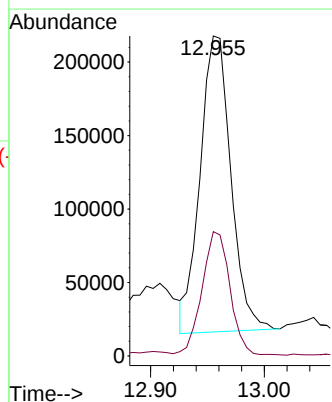
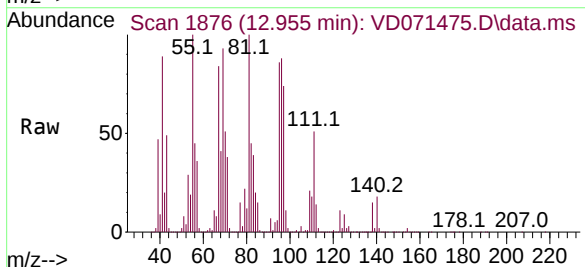
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

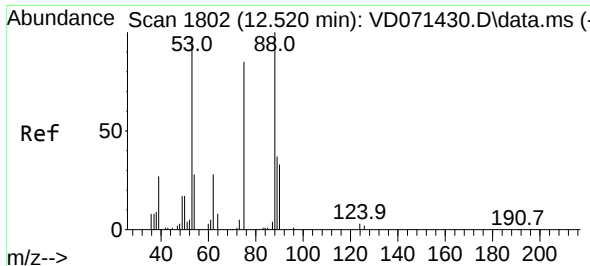
Tgt Ion: 91 Resp: 1663979
Ion Ratio Lower Upper
91 100
126 6.1 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 4.140 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 105 Resp: 379232
Ion Ratio Lower Upper
105 100
120 37.8 24.6 73.8

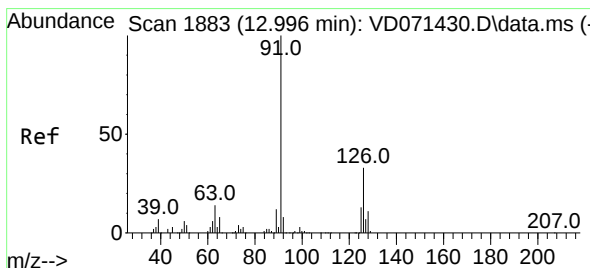
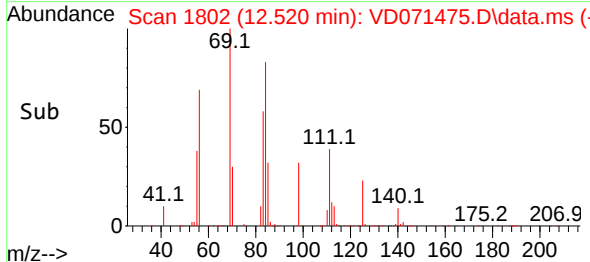
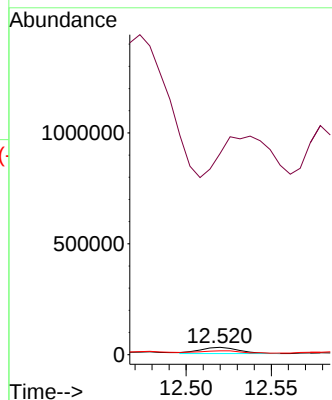
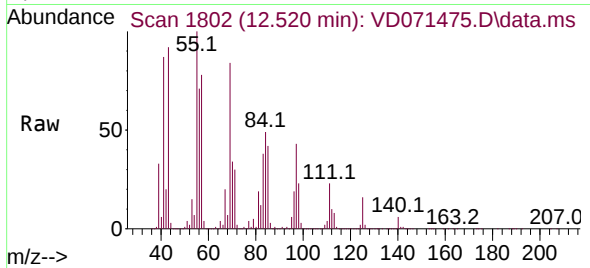




#81
trans-1,4-Dichloro-2-butene
Concen: 7.331 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

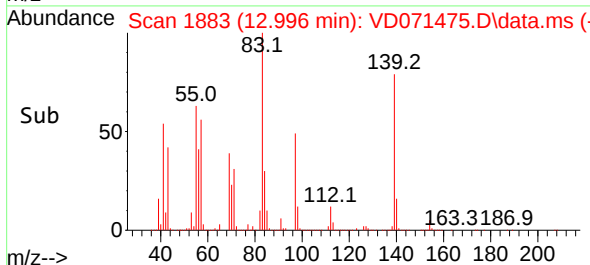
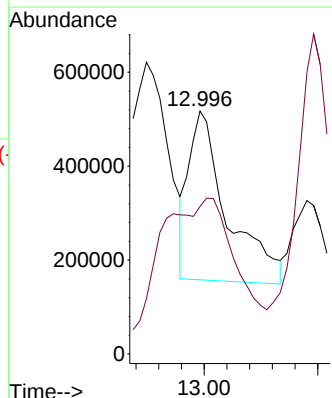
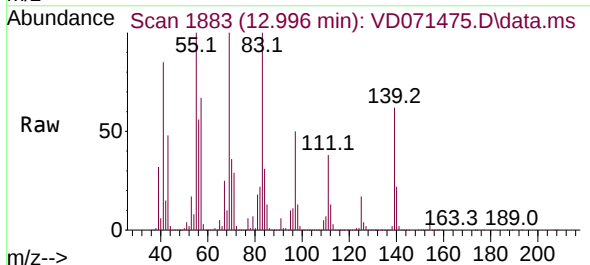
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

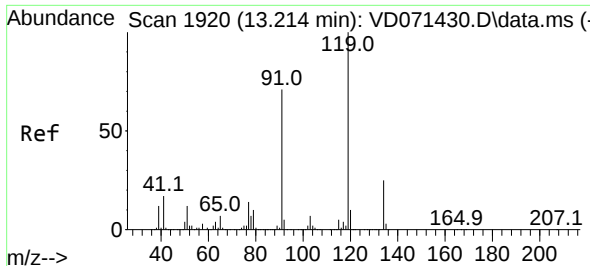
Tgt Ion: 75 Resp: 44406
Ion Ratio Lower Upper
75 100
53 712.6 62.6 94.0#
89 42.4 34.5 51.7



#82
4-Chlorotoluene
Concen: 10.508 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 91 Resp: 847925
Ion Ratio Lower Upper
91 100
126 154.0 16.4 49.1#

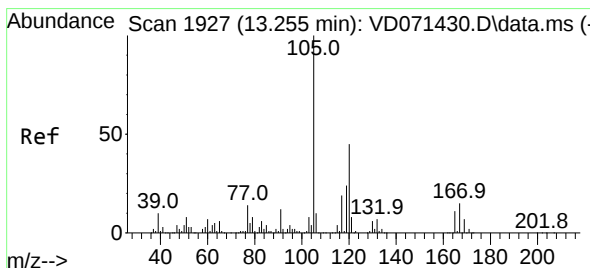
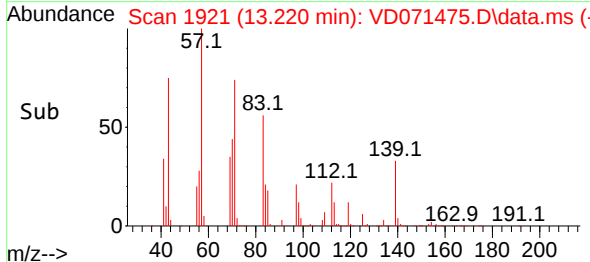
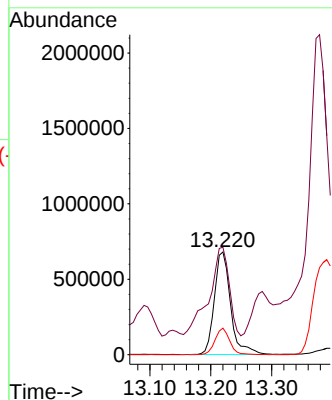
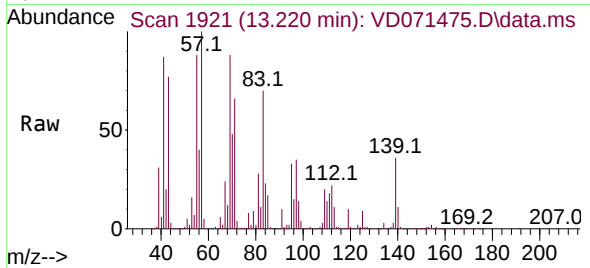




#83
tert-Butylbenzene
Concen: 16.194 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

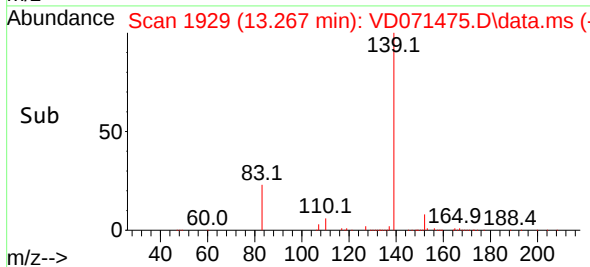
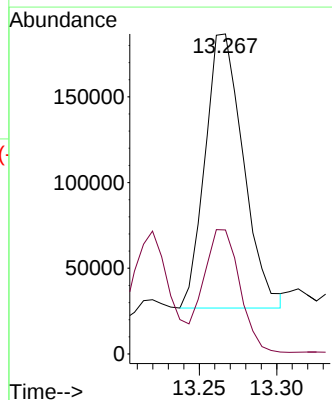
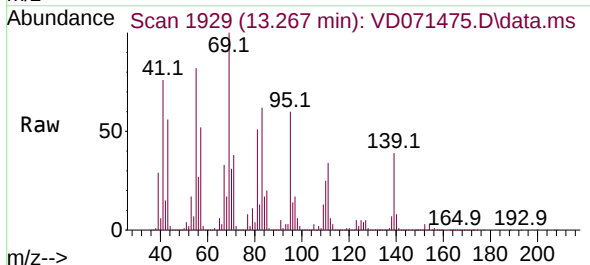
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

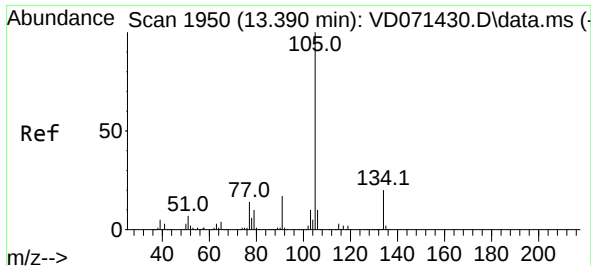
Tgt Ion:119 Resp: 1267556
Ion Ratio Lower Upper
119 100
91 105.5 32.5 97.5#
134 23.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 3.025 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:105 Resp: 274239
Ion Ratio Lower Upper
105 100
120 41.9 22.9 68.7

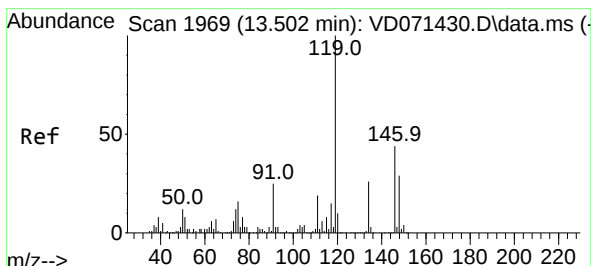
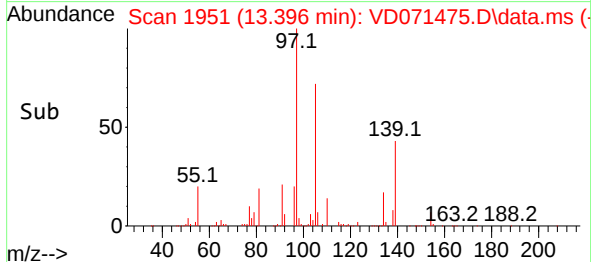
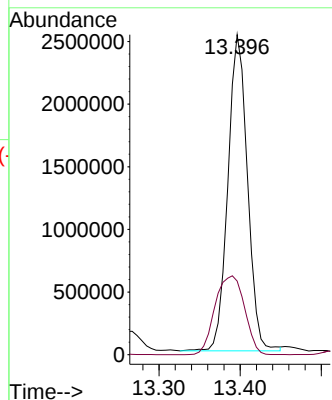
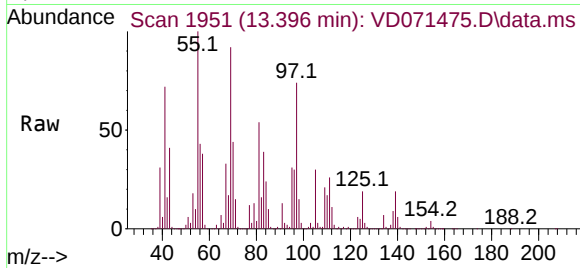




#85
 sec-Butylbenzene
 Concen: 35.402 ug/l
 RT: 13.396 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

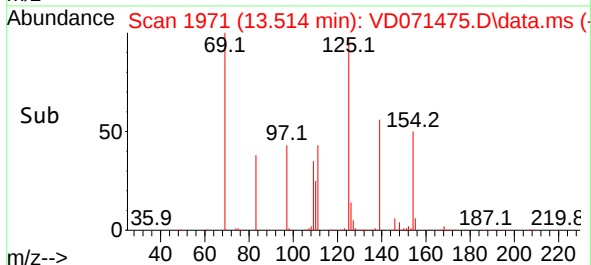
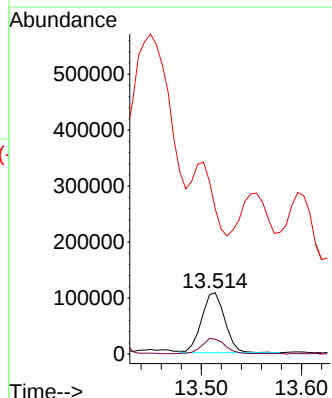
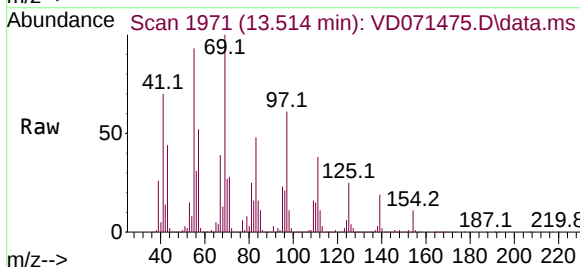
Instrument :
 MSVOA_D
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MSD

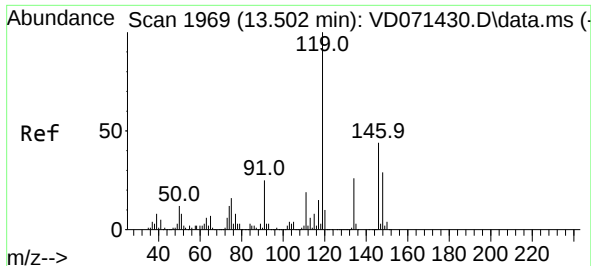
Tgt Ion:105 Resp: 4224419
 Ion Ratio Lower Upper
 105 100
 134 37.7 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 1.742 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.012 min
 Lab File: VD071475.D
 Acq: 25 Dec 2021 23:15

Tgt Ion:119 Resp: 172488
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 38.9#
 91 0.0 11.4 34.2#

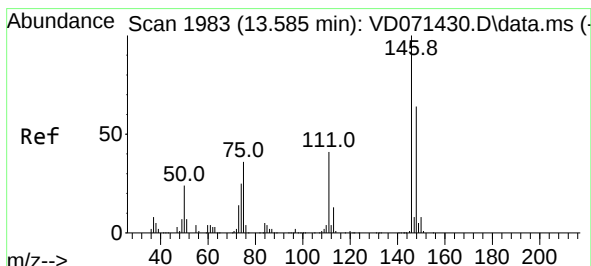
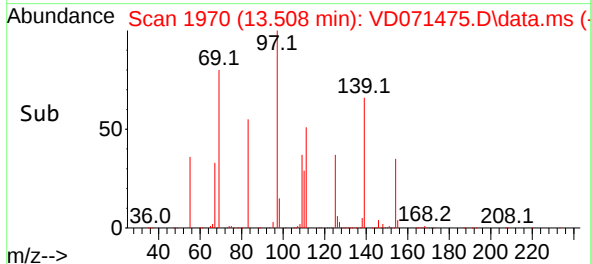
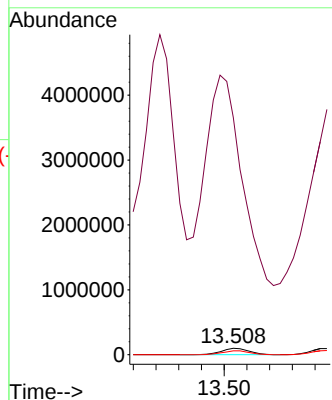
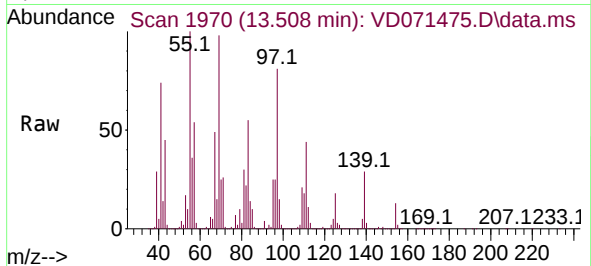




#87
1,3-Dichlorobenzene
Concen: 3.325 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

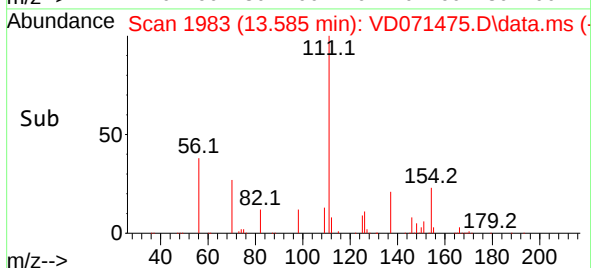
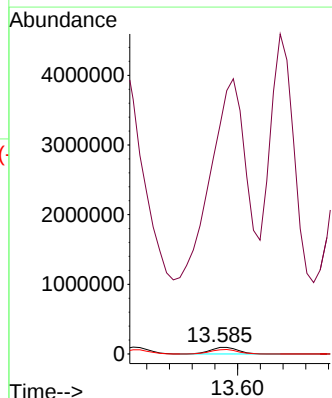
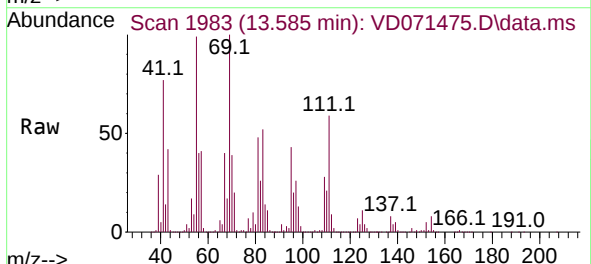
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

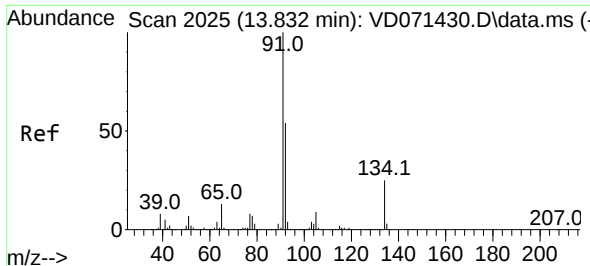
Tgt Ion:146 Resp: 165455
Ion Ratio Lower Upper
146 100
111 4331.5 19.8 59.4#
148 60.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 3.259 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion:146 Resp: 159029
Ion Ratio Lower Upper
146 100
111 3874.0 19.6 58.8#
148 65.8 31.5 94.5

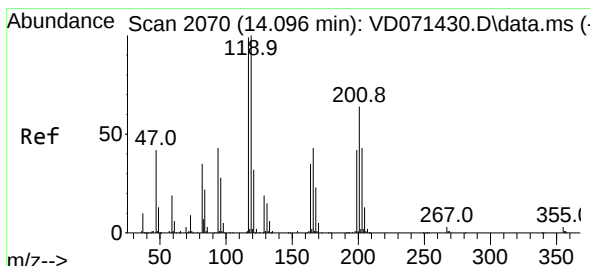
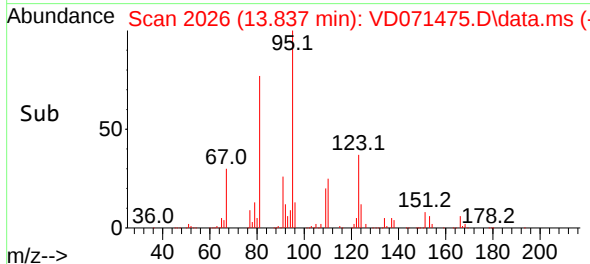
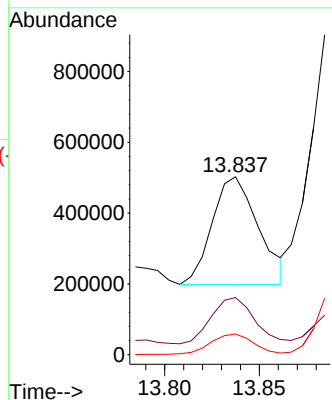
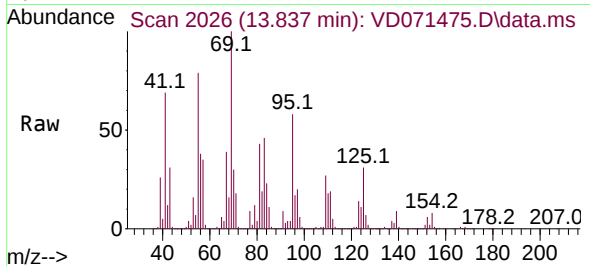




#89
n-Butylbenzene
Concen: 5.286 ug/l
RT: 13.837 min Scan# 2025
Delta R.T. 0.005 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

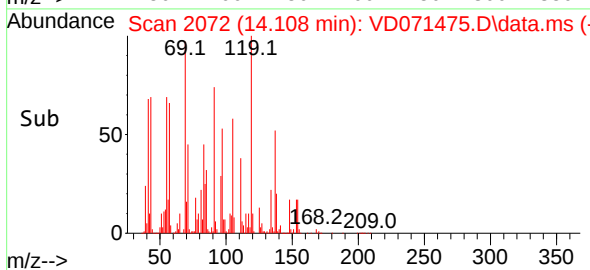
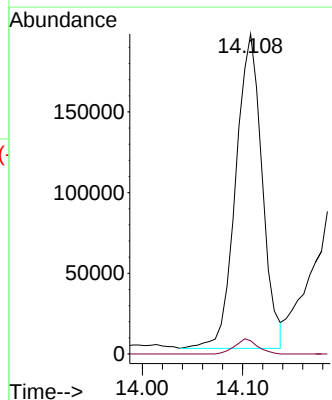
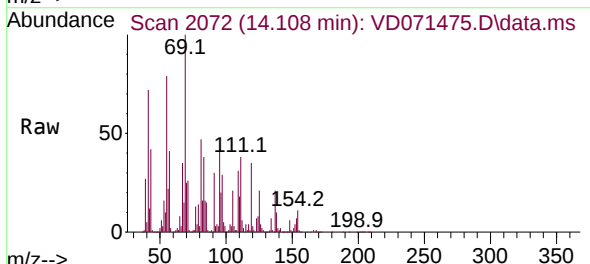
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

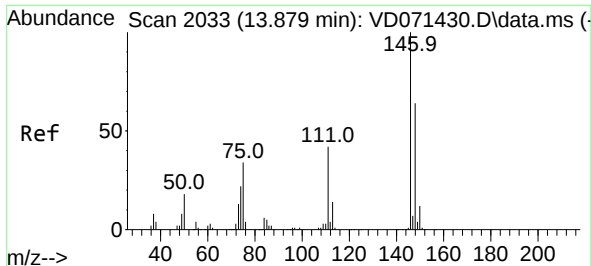
Tgt Ion: 91 Resp: 513738
Ion Ratio Lower Upper
91 100
92 40.5 27.3 81.9
134 18.1 12.3 36.9



#90
Hexachloroethane
Concen: 19.014 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 117 Resp: 356627
Ion Ratio Lower Upper
117 100
201 4.1 36.0 108.1#

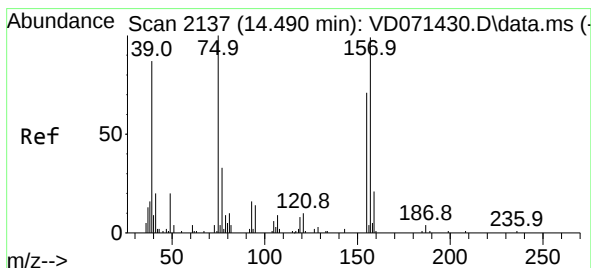
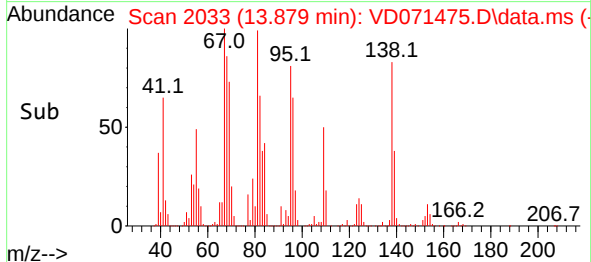
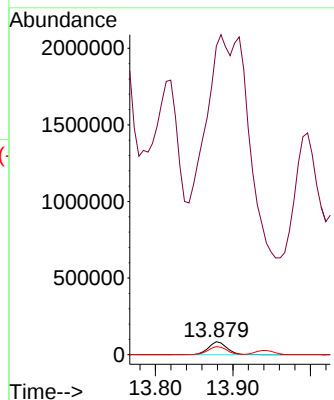
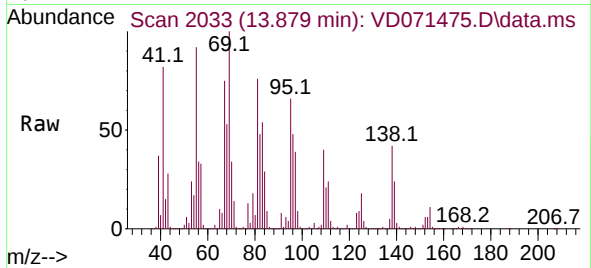




#91
1,2-Dichlorobenzene
Concen: 3.285 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

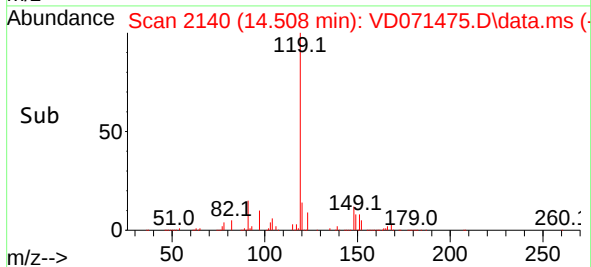
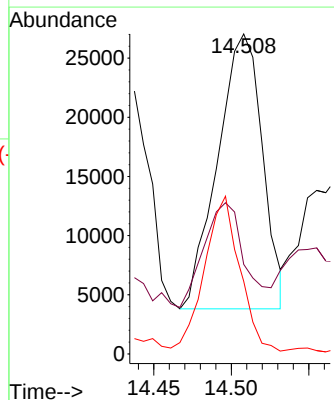
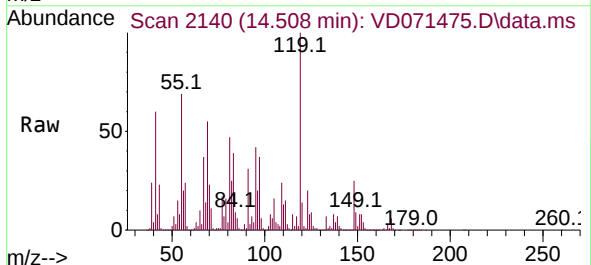
Instrument :
MSVOA_D
ClientSampleId :
DB-4-(7.5-8)-12-8-21MSD

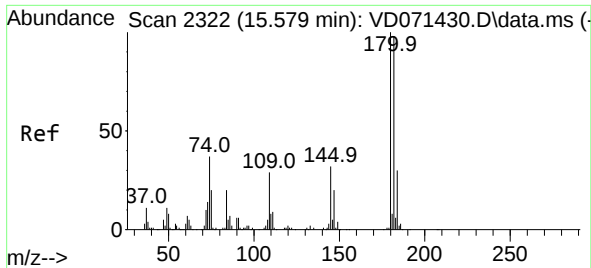
Tgt Ion:146 Resp: 138734
Ion Ratio Lower Upper
146 100
111 1591.4 20.8 62.2#
148 64.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 13.416 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD071475.D
Acq: 25 Dec 2021 23:15

Tgt Ion: 75 Resp: 46713
Ion Ratio Lower Upper
75 100
155 34.6 40.0 120.0#
157 43.9 49.8 149.3#





#96

1,2,3-Trichlorobenzene

Concen: 1.055 ug/l

RT: 15.596 min Scan# 21

Delta R.T. 0.017 min

Lab File: VD071475.D

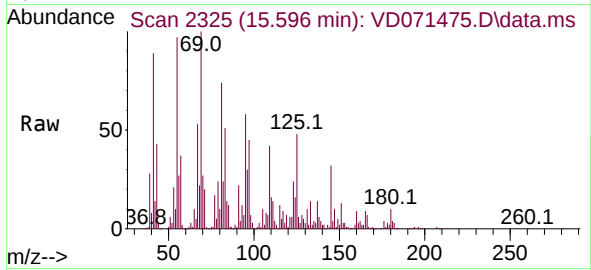
Acq: 25 Dec 2021 23:15

Instrument :

MSVOA_D

ClientSampleId :

DB-4-(7.5-8)-12-8-21MSD



Tgt Ion:180 Resp: 23482

Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 15.9 47.6#

