

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071441.D
 Acq On : 23 Dec 2021 14:25
 Operator : VA/SY
 Sample : M5044-02
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

Quant Time: Dec 24 03:30:51 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	1710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	2886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	3064	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	4481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.508	65	125202	5513.009	ug/l	0.18
Spiked Amount	50.000	Range	50 - 163	Recovery	= 11026.020%#	
35) Dibromofluoromethane	7.914	113	315	16.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 32.480%#	
50) Toluene-d8	10.243	98	421	5.744	ug/l	-0.09
Spiked Amount	50.000	Range	49 - 140	Recovery	= 11.480%#	
62) 4-Bromofluorobenzene	12.567	95	34138	1310.653	ug/l	-0.06
Spiked Amount	50.000	Range	25 - 144	Recovery	= 2621.300%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	484	27.012	ug/l	# 1
3) Chloromethane	2.220	50	1237	53.915	ug/l	# 88
4) Vinyl Chloride	2.350	62	606	22.041	ug/l	# 59
5) Bromomethane	2.785	94	807	41.956	ug/l	# 68
6) Chloroethane	2.932	64	660	36.171	ug/l	# 39
7) Trichlorofluoromethane	3.285	101	1018	30.244	ug/l	# 56
8) Diethyl Ether	3.703	74	68	7.057	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	138	7.047	ug/l	# 1
10) Methyl Iodide	4.326	142	204	10.712	ug/l	# 73
11) Tert butyl alcohol	5.214	59	8108	Below Cal	#	94
12) 1,1-Dichloroethene	4.079	96	401	22.509	ug/l	84
13) Acrolein	4.144	56	37129	33844.156	ug/l	# 76
14) Allyl chloride	4.955	41	103394	3068.363	ug/l	# 71
15) Acrylonitrile	5.403	53	160	33.717	ug/l	# 19
16) Acetone	4.138	43	103487	18141.807	ug/l	# 49
17) Carbon Disulfide	4.403	76	1345	23.171	ug/l	# 73
18) Methyl Acetate	4.955	43	247660	14066.329	ug/l	# 51
19) Methyl tert-butyl Ether	5.473	73	1097	23.853	ug/l	# 1
20) Methylene Chloride	4.973	84	10965	578.376	ug/l	# 71
21) trans-1,2-Dichloroethene	5.467	96	485	23.504	ug/l	# 20
22) Diisopropyl ether	6.367	45	1508	21.983	ug/l	# 40
23) Vinyl Acetate	6.314	43	349	9.869	ug/l	# 72
24) 1,1-Dichloroethane	6.273	63	389	9.892	ug/l	# 82
25) 2-Butanone	7.208	43	103509	15191.566	ug/l	# 45
26) 2,2-Dichloropropane	7.208	77	621	19.218	ug/l	# 52
27) cis-1,2-Dichloroethene	7.214	96	467	20.461	ug/l	# 1
28) Bromochloromethane	7.714	49	215	13.341	ug/l	# 14
29) Tetrahydrofuran	7.567	42	2108	515.284	ug/l	# 34
30) Chloroform	7.732	83	3715	93.623	ug/l	# 1
31) Cyclohexane	7.979	56	29243	758.002	ug/l	# 92
32) 1,1,1-Trichloroethane	7.891	97	854	24.267	ug/l	# 30
36) 1,1-Dichloropropene	8.091	75	98	3.163	ug/l	# 1
37) Ethyl Acetate	7.208	43	103509	7235.253	ug/l	# 71
38) Carbon Tetrachloride	8.102	117	405	13.247	ug/l	# 47
39) Methylcyclohexane	9.320	83	41184	1135.341	ug/l	# 5
40) Benzene	8.344	78	1633	19.603	ug/l	100

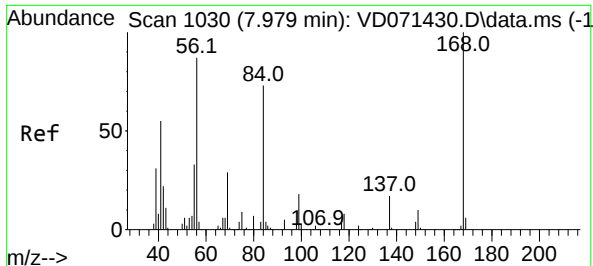
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.732	41	101451	11938.901	ug/l #	40
42) 1,2-Dichloroethane	8.444	62	506	18.627	ug/l #	71
43) Isopropyl Acetate	8.508	43	5978872	210591.889	ug/l #	47
44) Trichloroethene	9.108	130	221	10.180	ug/l	1
45) 1,2-Dichloropropane	9.379	63	502	23.223	ug/l #	44
46) Dibromomethane	9.485	93	869	72.766	ug/l #	1
47) Bromodichloromethane	9.626	83	5356	176.646	ug/l #	85
48) Methyl methacrylate	9.485	41	864949	61565.704	ug/l #	35
51) 4-Methyl-2-Pentanone	10.267	43	749653	50188.654	ug/l #	73
52) Toluene	10.390	92	1432	27.061	ug/l #	15
53) t-1,3-Dichloropropene	10.608	75	226	7.982	ug/l #	44
54) cis-1,3-Dichloropropene	10.085	75	206	6.296	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	138307	9123.923	ug/l #	23
56) Ethyl methacrylate	10.679	69	38607	1935.391	ug/l #	1
57) 1,3-Dichloropropane	10.938	76	376	13.542	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.908	63	63408	6635.848	ug/l #	49
59) 2-Hexanone	10.955	43	94906	8988.984	ug/l #	32
60) Dibromochloromethane	11.143	129	72	3.778	ug/l #	1
61) 1,2-Dibromoethane	11.214	107	6708	446.776	ug/l #	1
64) Tetrachloroethene	10.861	164	1168	54.856	ug/l #	46
65) Chlorobenzene	11.667	112	2035	32.379	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.732	131	57	2.483	ug/l #	37
67) Ethyl Benzene	11.749	91	12445	106.398	ug/l #	52
68) m/p-Xylenes	11.837	106	1021	22.976	ug/l #	1
69) o-Xylene	12.173	106	821	20.212	ug/l #	1
70) Styrene	12.190	104	1869	26.486	ug/l #	44
74) N-amyl acetate	12.249	43	162358	1751.698	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.702	83	21029	336.689	ug/l #	1
76) 1,2,3-Trichloropropane	12.773	75	304	5.710	ug/l #	1
77) Bromobenzene	12.743	156	720	9.366	ug/l #	1
78) n-propylbenzene	12.814	91	4481	10.348	ug/l	93
79) 2-Chlorotoluene	12.873	91	4399	18.178	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.949	105	3332	11.693	ug/l	81
81) trans-1,4-Dichloro-2-b...	12.549	75	80	4.246	ug/l #	1
82) 4-Chlorotoluene	13.202	91	8285	33.006	ug/l	89
83) tert-Butylbenzene	13.208	119	2125	8.727	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.261	105	2804	9.943	ug/l	98
85) sec-Butylbenzene	13.390	105	3357	9.044	ug/l	94
86) p-Isopropyltoluene	13.508	119	3028	9.831	ug/l #	73
87) 1,3-Dichlorobenzene	13.508	146	1805	11.659	ug/l #	1
88) 1,4-Dichlorobenzene	13.584	146	1693	11.153	ug/l #	1
89) n-Butylbenzene	13.832	91	4622	15.289	ug/l #	82
90) Hexachloroethane	14.108	117	204	3.496	ug/l #	14
91) 1,2-Dichlorobenzene	13.884	146	1215	9.247	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.496	75	599	55.302	ug/l #	38
93) 1,2,4-Trichlorobenzene	15.155	180	2833	35.382	ug/l #	1
94) Hexachlorobutadiene	15.249	225	192	4.476	ug/l #	56
95) Naphthalene	15.355	128	22020	144.483	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.614	180	3098	44.734	ug/l #	13

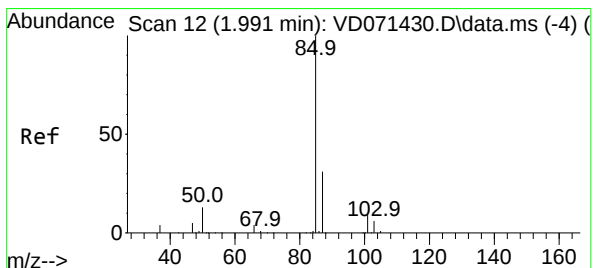
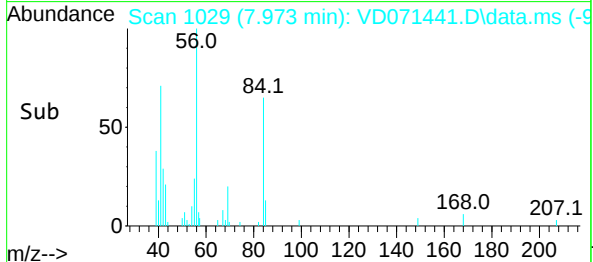
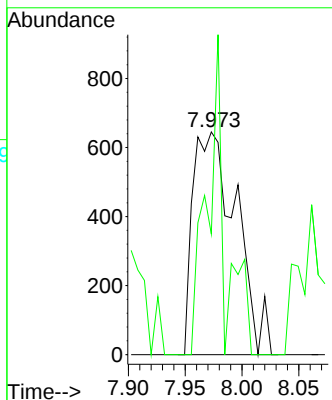
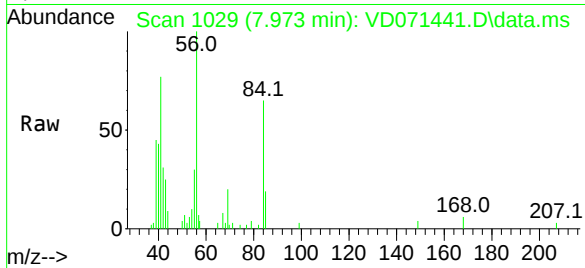
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

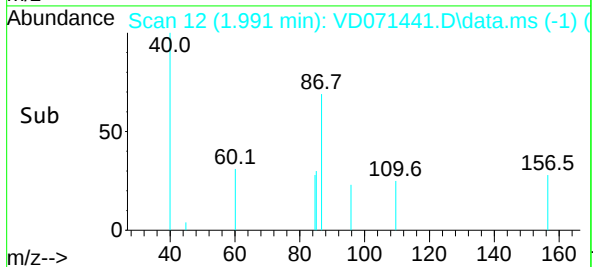
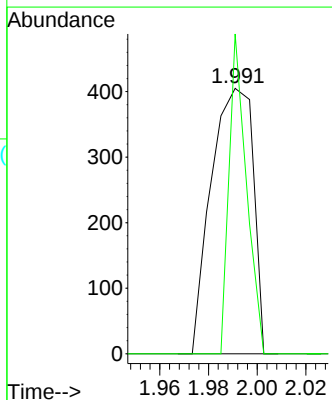
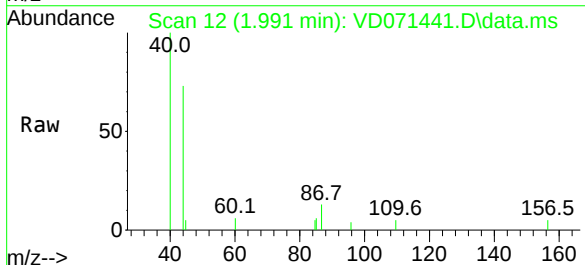
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

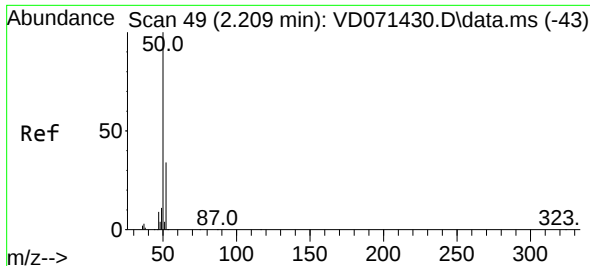
Tgt Ion:168 Resp: 1710
Ion Ratio Lower Upper
168 100
99 54.3 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 27.012 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 85 Resp: 484
Ion Ratio Lower Upper
85 100
87 120.5 15.2 45.6#

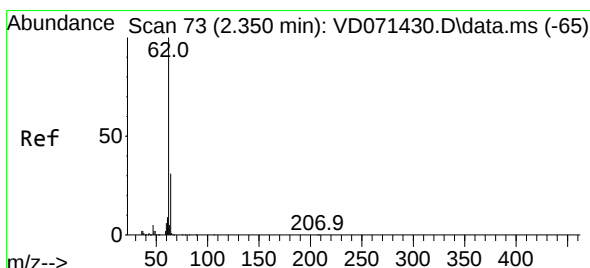
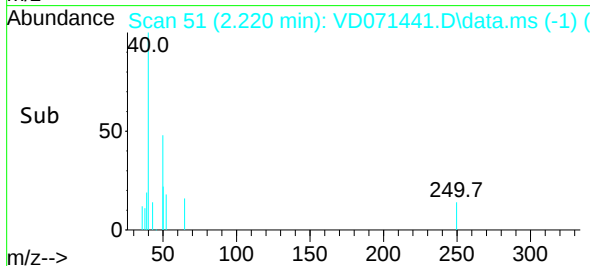
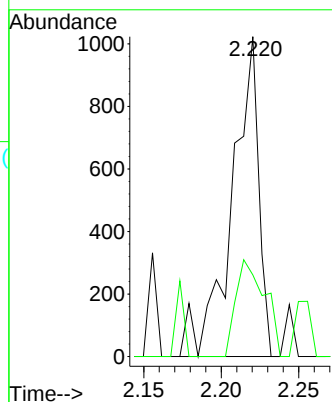
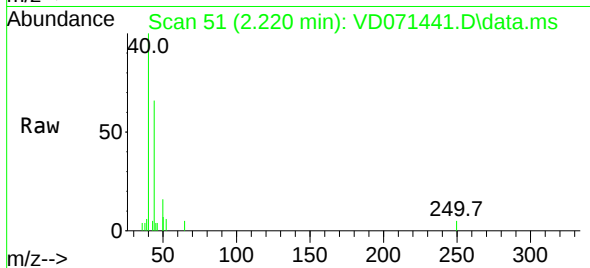




#3
Chloromethane
Concen: 53.915 ug/l
RT: 2.220 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

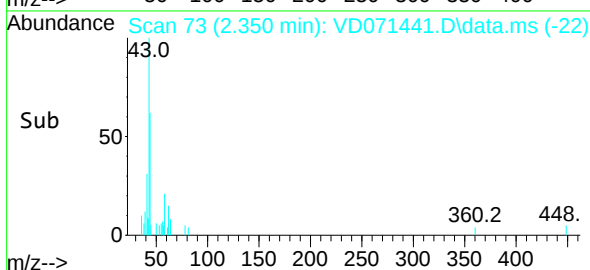
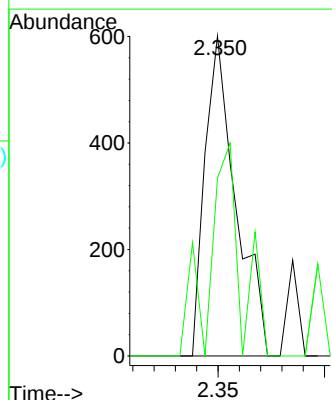
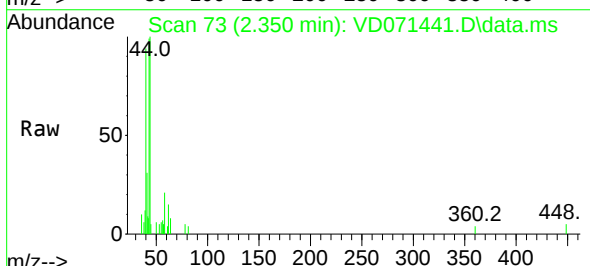
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ClientSampleId :
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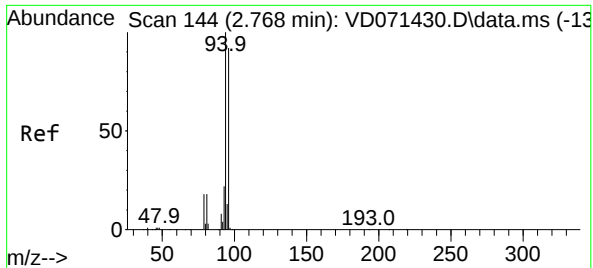
Tgt Ion: 50 Resp: 1237
Ion Ratio Lower Upper
50 100
52 25.5 25.8 38.8#



#4
Vinyl Chloride
Concen: 22.041 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 62 Resp: 606
Ion Ratio Lower Upper
62 100
64 55.6 26.0 39.0#

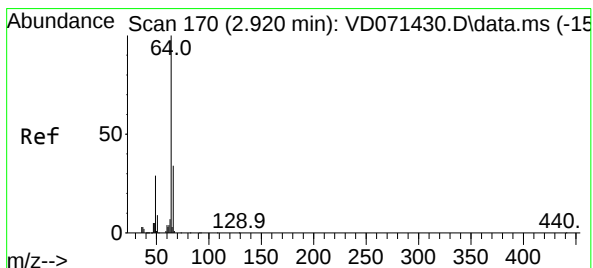
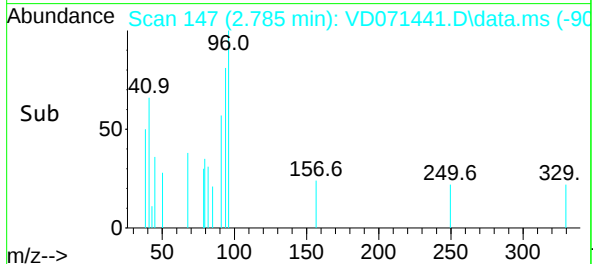
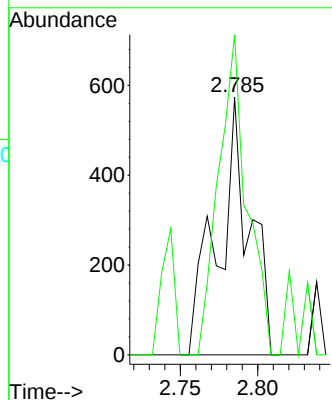
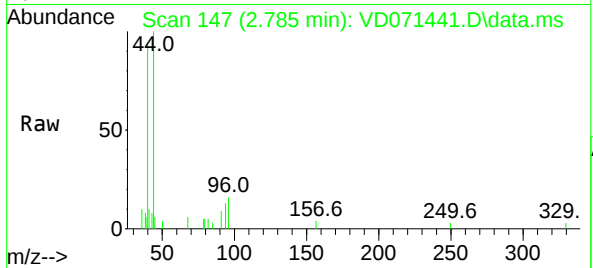




#5
Bromomethane
Concen: 41.956 ug/l
RT: 2.785 min Scan# 144
Delta R.T. 0.035 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

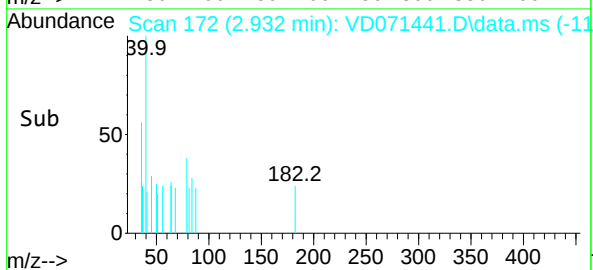
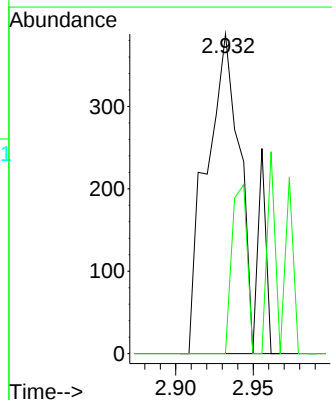
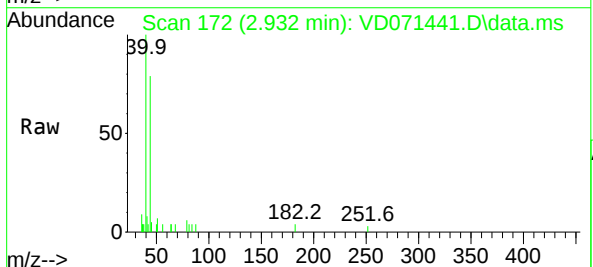
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ClientSampleId :
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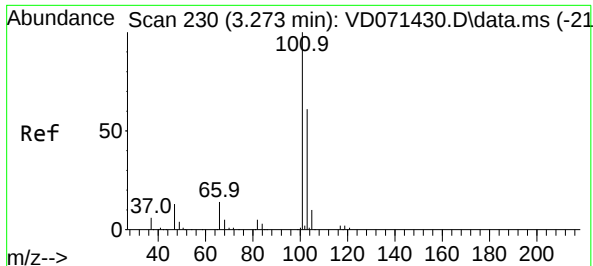
Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
96 124.2 74.8 112.2#



#6
Chloroethane
Concen: 36.171 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.017 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 64 Resp: 660
Ion Ratio Lower Upper
64 100
66 0.0 29.0 43.4#

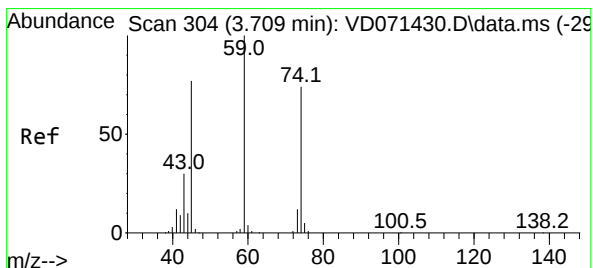
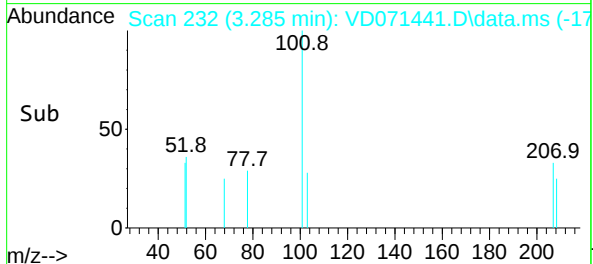
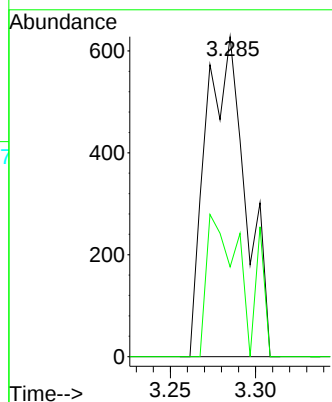
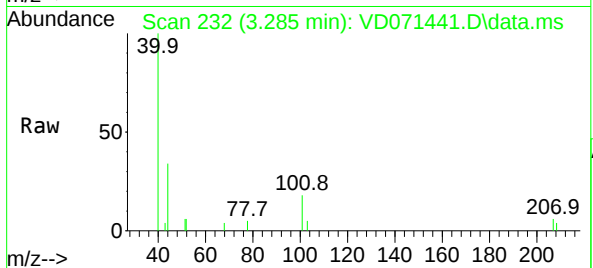




#7
 Trichlorofluoromethane
 Concen: 30.244 ug/l
 RT: 3.285 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

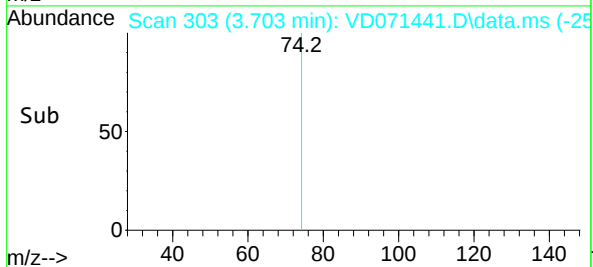
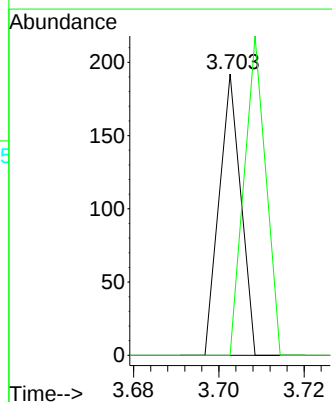
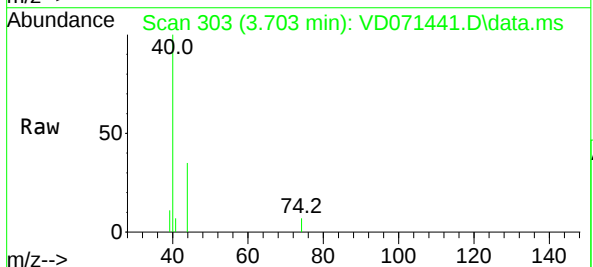
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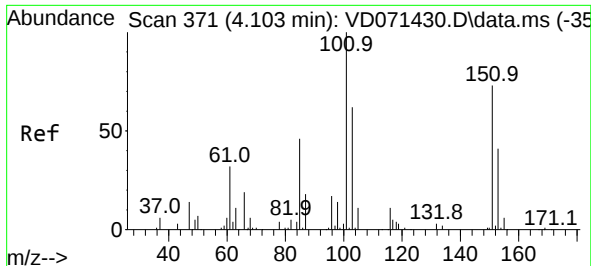
Tgt Ion:101 Resp: 1018
 Ion Ratio Lower Upper
 101 100
 103 28.0 49.7 74.5#



#8
 Diethyl Ether
 Concen: 7.057 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Tgt Ion: 74 Resp: 68
 Ion Ratio Lower Upper
 74 100
 45 113.2 49.6 149.0

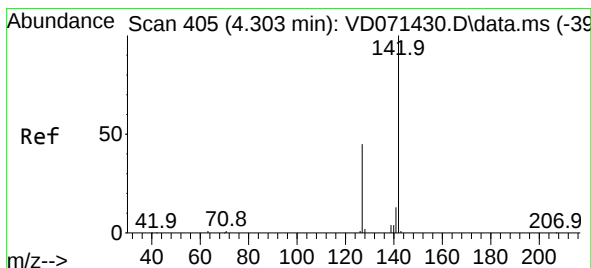
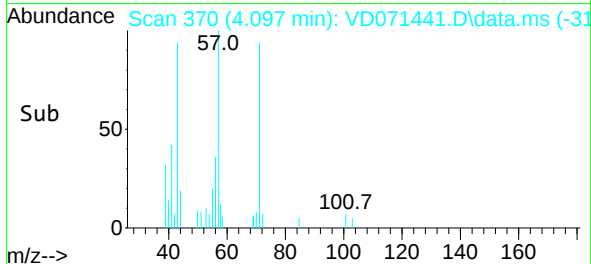
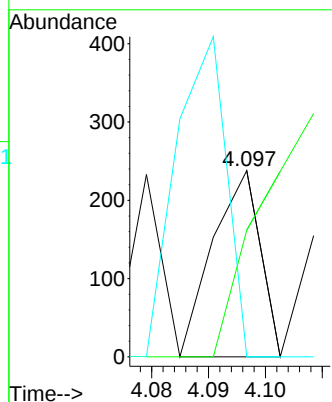
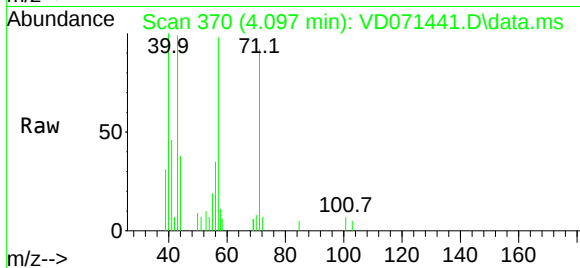




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.047 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

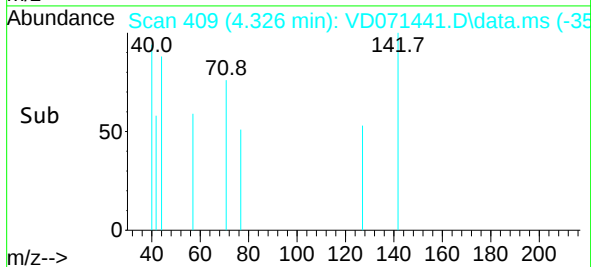
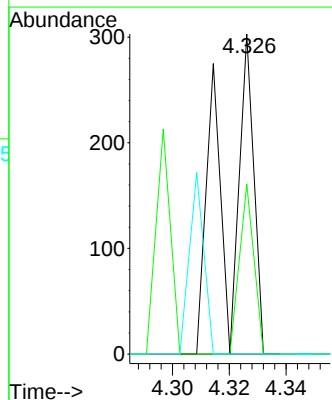
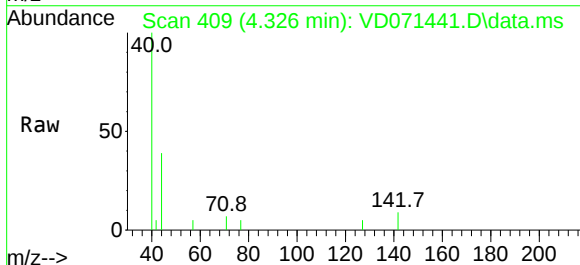
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ClientSampleId :
DA-2-4.5

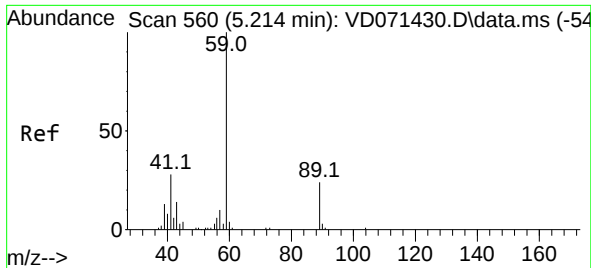
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Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 182.6 60.4 90.6#



#10
Methyl Iodide
Concen: 10.712 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.029 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:142 Resp: 204
Ion Ratio Lower Upper
142 100
127 27.9 35.0 52.4#
141 0.0 12.0 18.0#

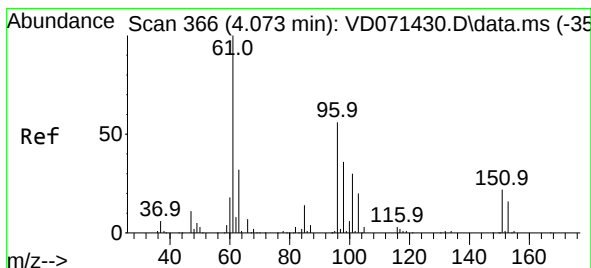
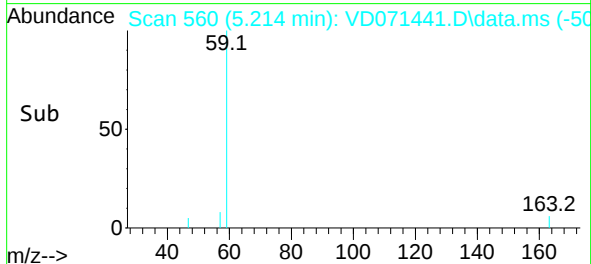
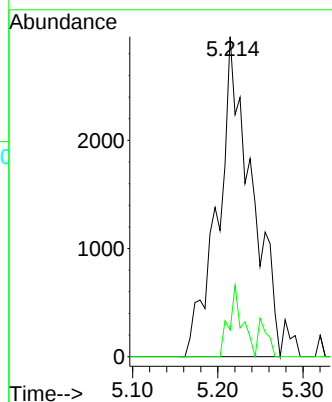
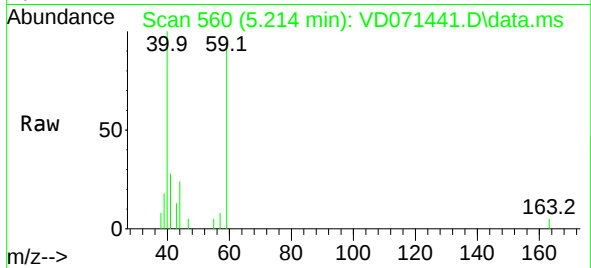




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

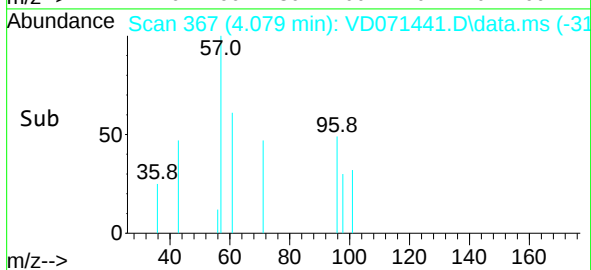
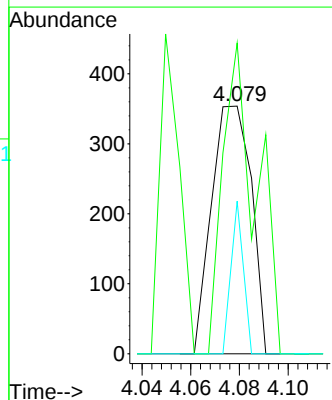
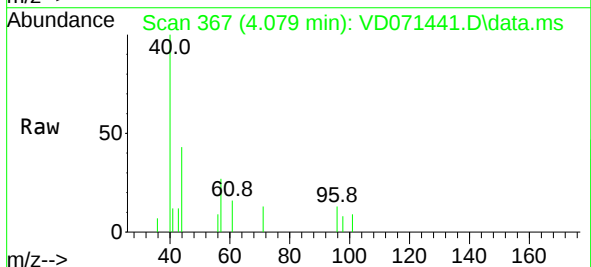
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

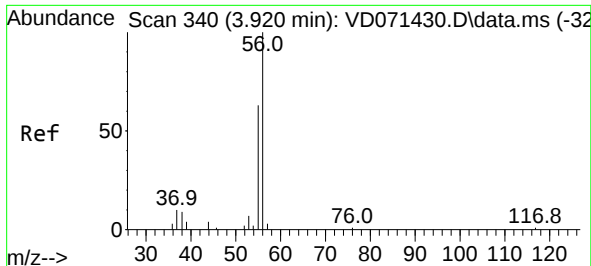
Tgt Ion: 59 Resp: 8108
Ion Ratio Lower Upper
59 100
57 8.7 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 22.509 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.017 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 96 Resp: 401
Ion Ratio Lower Upper
96 100
61 125.4 120.3 180.5
98 61.6 54.4 81.6

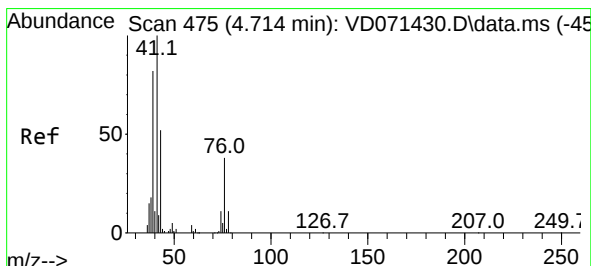
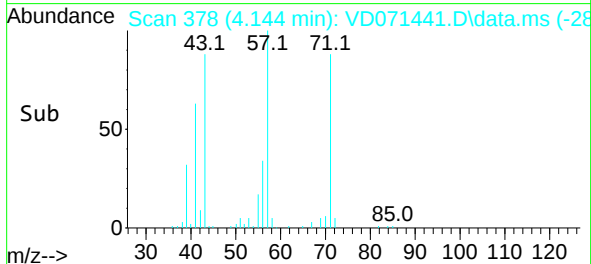
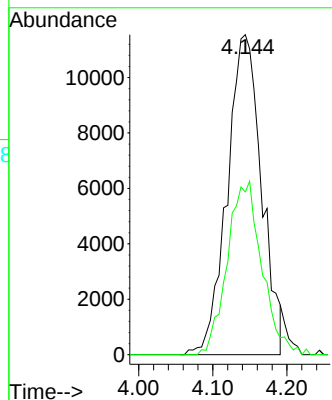
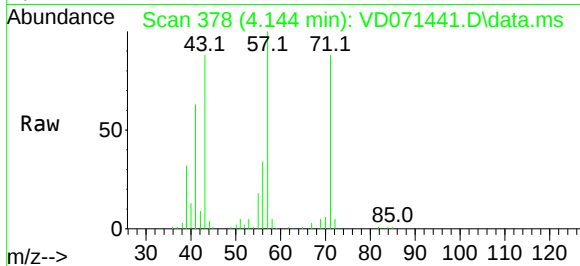




#13
Acrolein
Concen: 33844.156 ug/l
RT: 4.144 min Scan# 31
Delta R.T. 0.230 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

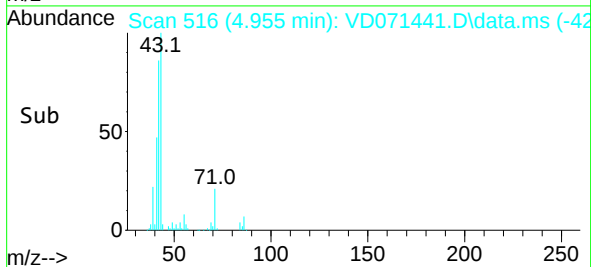
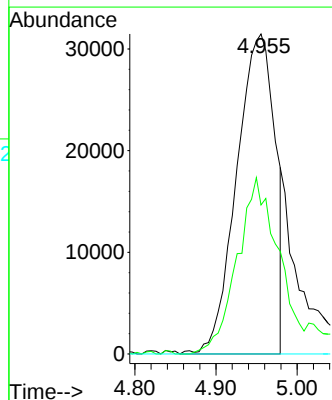
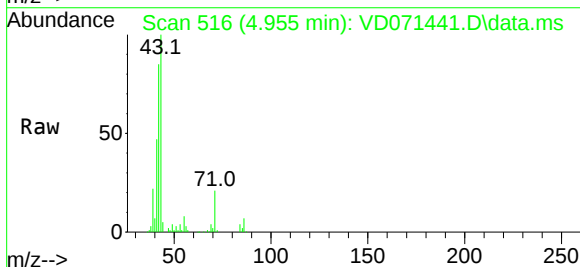
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

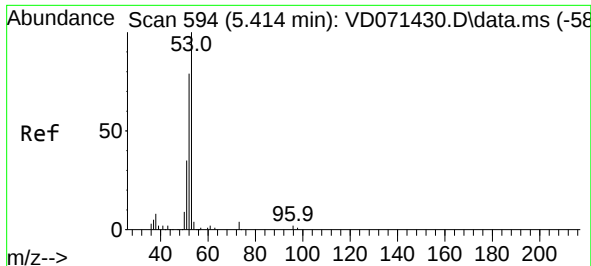
Tgt Ion: 56 Resp: 37129
Ion Ratio Lower Upper
56 100
55 53.0 58.6 87.8#



#14
Allyl chloride
Concen: 3068.363 ug/l
RT: 4.955 min Scan# 516
Delta R.T. 0.252 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 41 Resp: 103394
Ion Ratio Lower Upper
41 100
39 51.7 45.6 68.4
76 0.0 30.2 45.4#

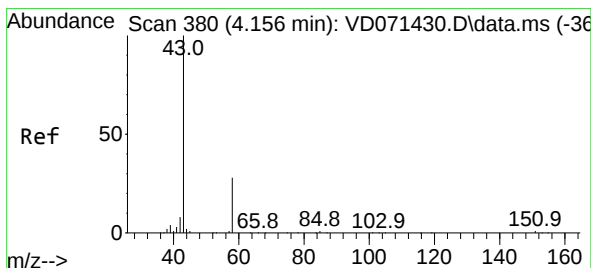
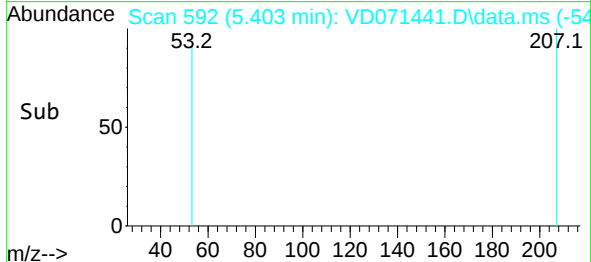
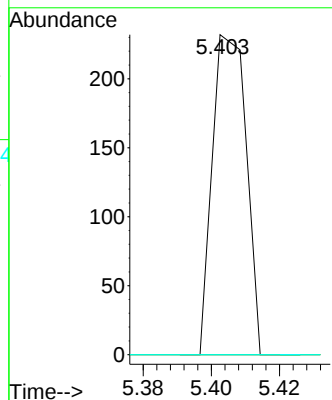
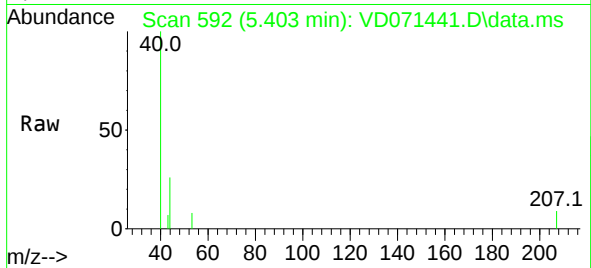




#15
Acrylonitrile
Concen: 33.717 ug/l
RT: 5.403 min Scan# 51
Delta R.T. -0.017 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

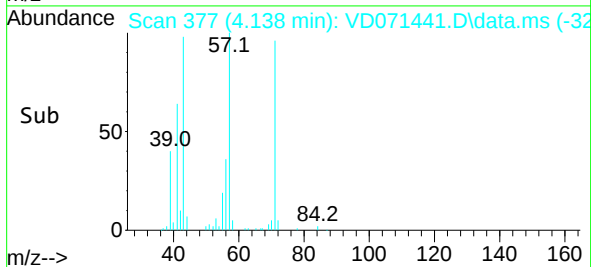
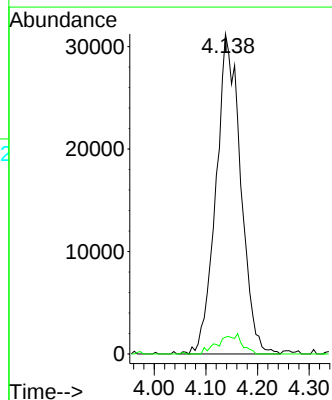
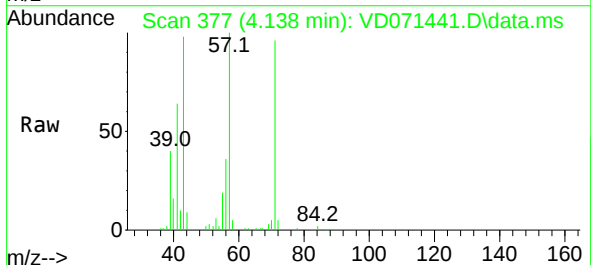
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

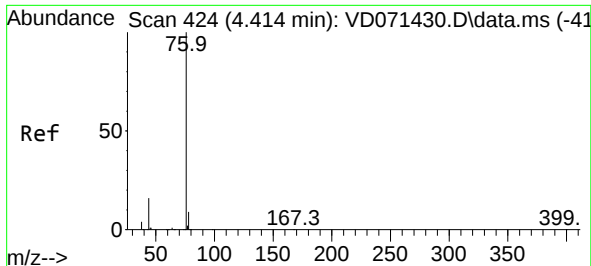
Tgt Ion: 53 Resp: 160
Ion Ratio Lower Upper
53 100
52 0.0 63.8 95.8#
51 0.0 28.5 42.7#



#16
Acetone
Concen: 18141.807 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 43 Resp: 103487
Ion Ratio Lower Upper
43 100
58 5.2 27.8 41.8#

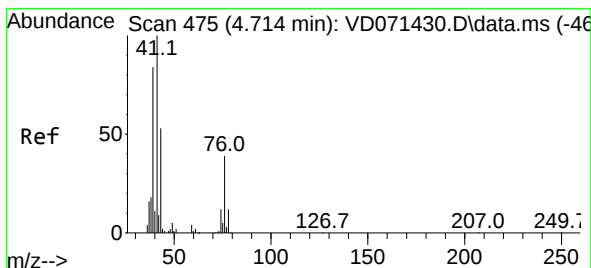
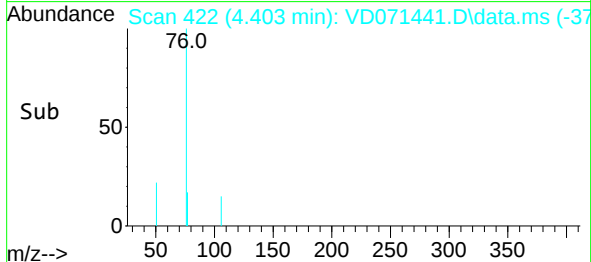
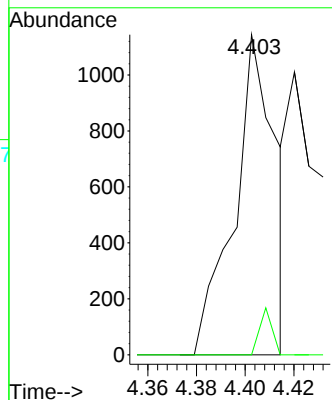
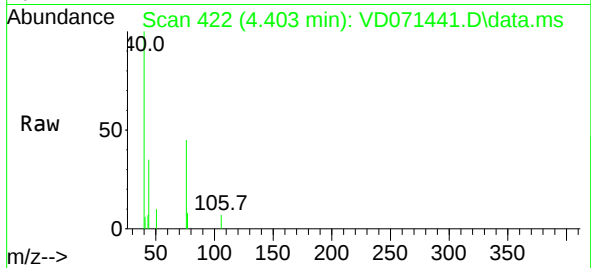




#17
Carbon Disulfide
Concen: 23.171 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

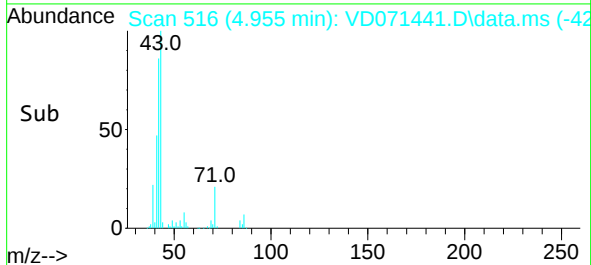
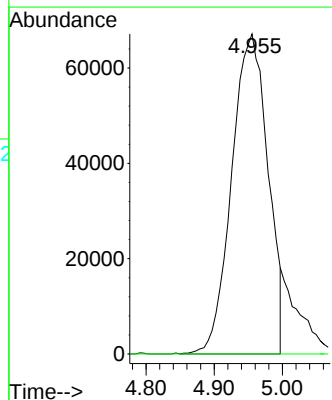
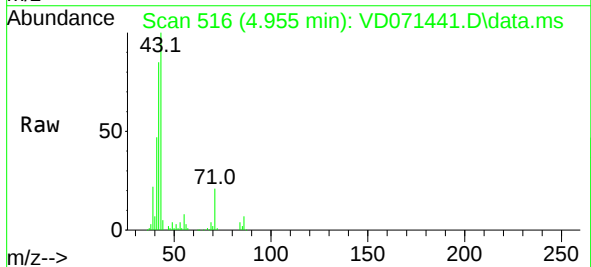
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

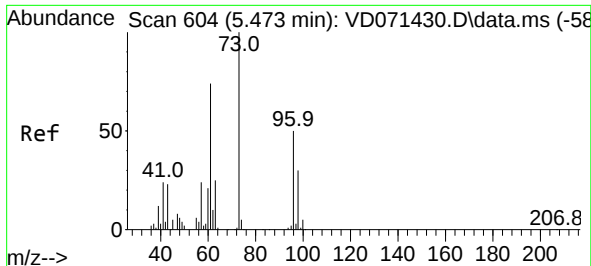
Tgt Ion: 76 Resp: 1345
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8#



#18
Methyl Acetate
Concen: 14066.329 ug/l
RT: 4.955 min Scan# 516
Delta R.T. 0.236 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 43 Resp: 247660
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#

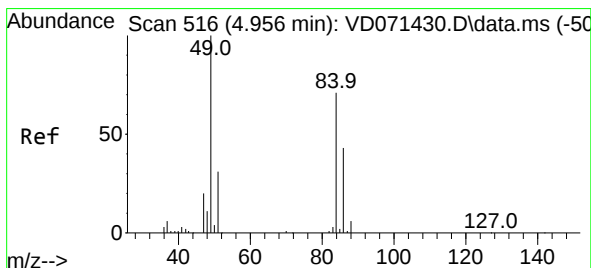
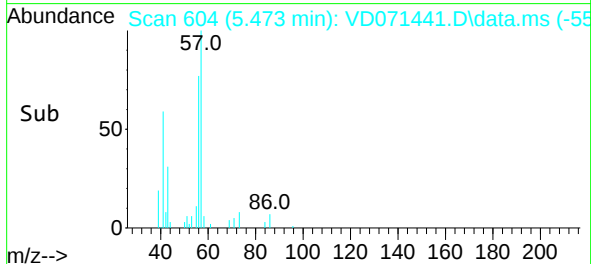
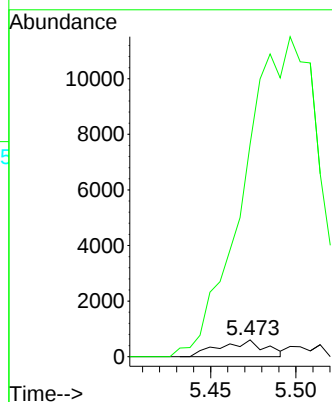
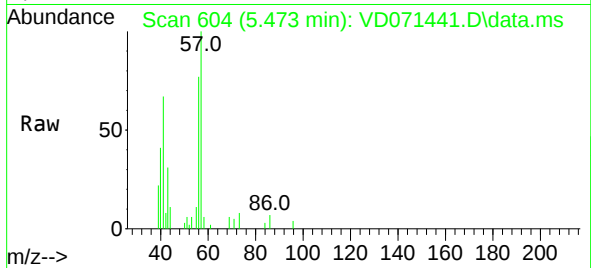




#19
Methyl tert-butyl Ether
Concen: 23.853 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

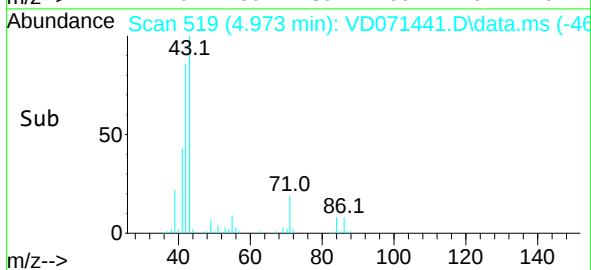
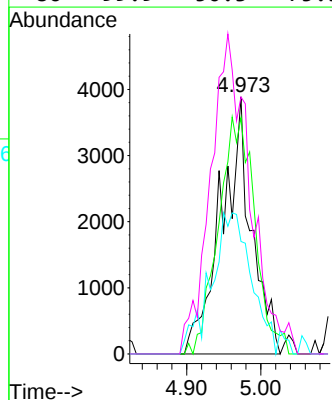
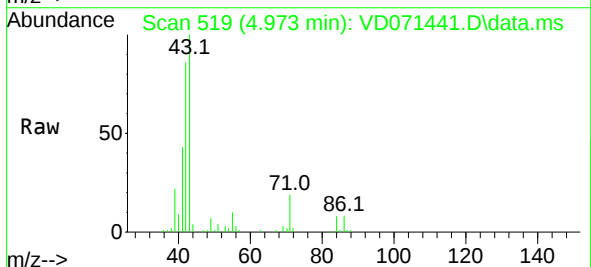
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

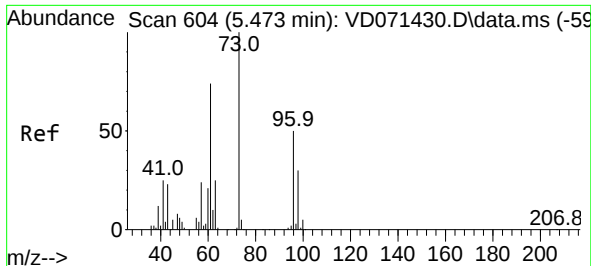
Tgt Ion: 73 Resp: 1097
Ion Ratio Lower Upper
73 100
57 1217.1 18.9 28.3#



#20
Methylene Chloride
Concen: 578.376 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.012 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 84 Resp: 10965
Ion Ratio Lower Upper
84 100
49 91.9 95.8 143.6#
51 43.8 30.9 46.3
86 99.9 50.3 75.5#

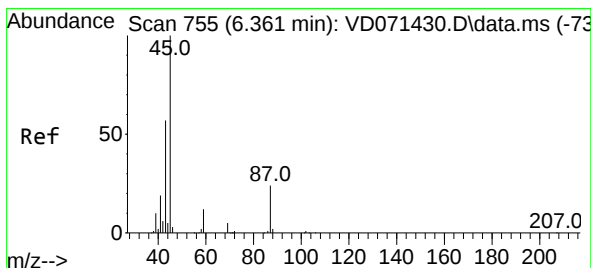
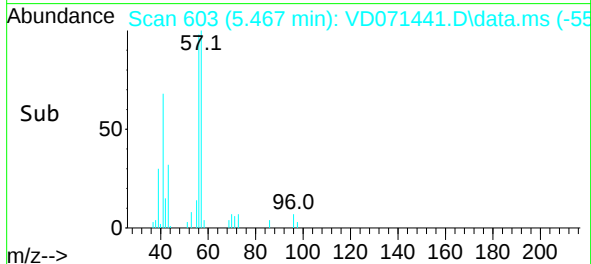
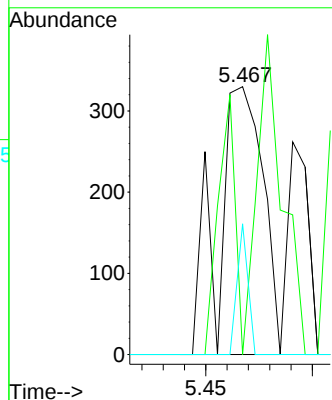
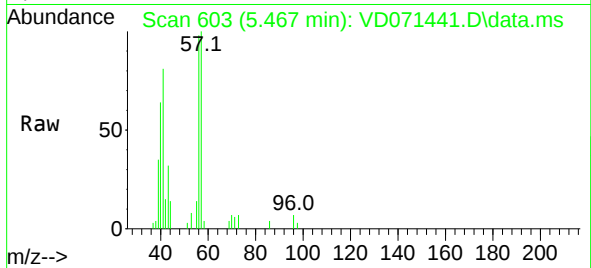




#21
trans-1,2-Dichloroethene
Concen: 23.504 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

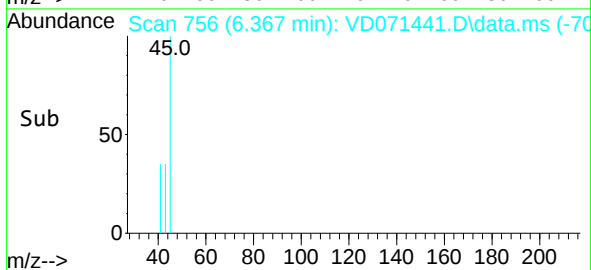
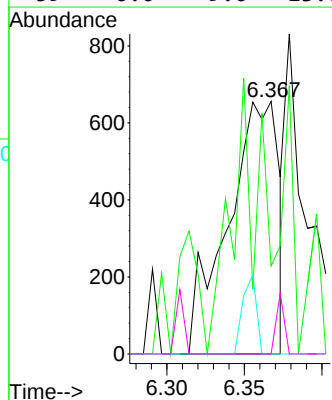
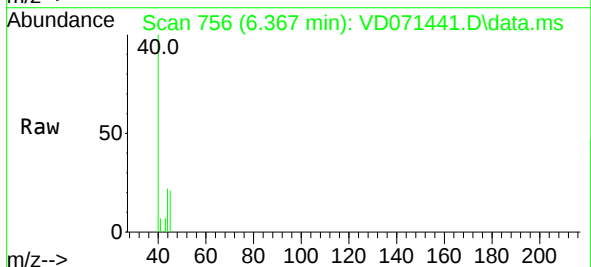
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

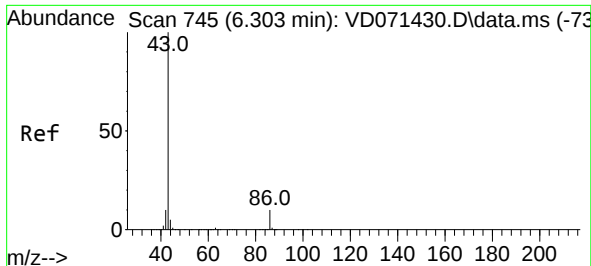
Tgt Ion: 96 Resp: 485
Ion Ratio Lower Upper
96 100
61 0.0 102.1 153.1#
98 48.8 50.1 75.1#



#22
Diisopropyl ether
Concen: 21.983 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 45 Resp: 1508
Ion Ratio Lower Upper
45 100
43 0.0 39.6 59.4#
87 0.0 21.2 31.8#
59 0.0 9.0 13.6#

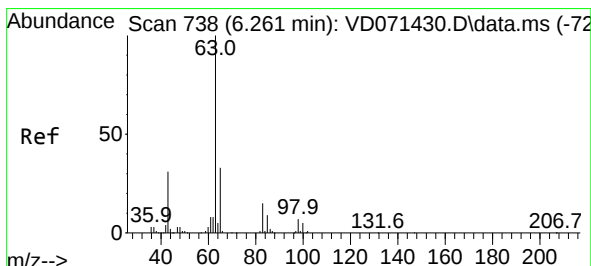
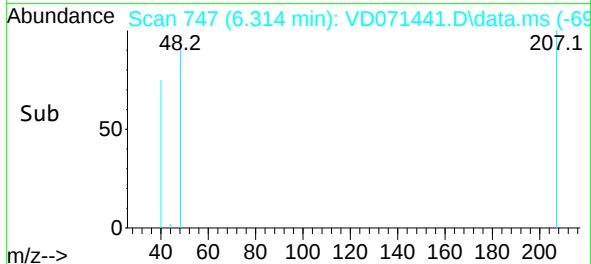
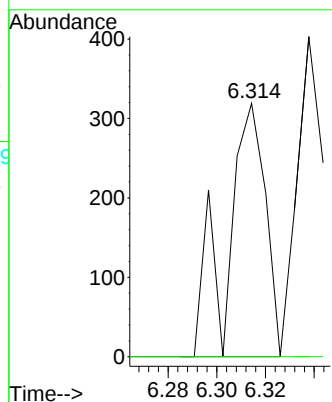
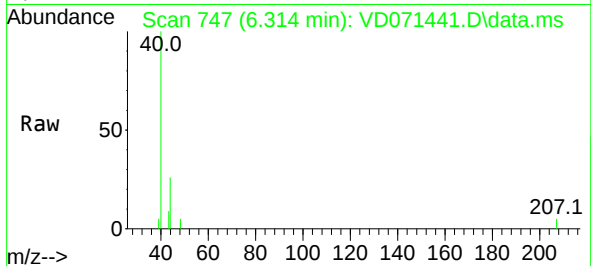




#23
 Vinyl Acetate
 Concen: 9.869 ug/l
 RT: 6.314 min Scan# 745
 Delta R.T. 0.011 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

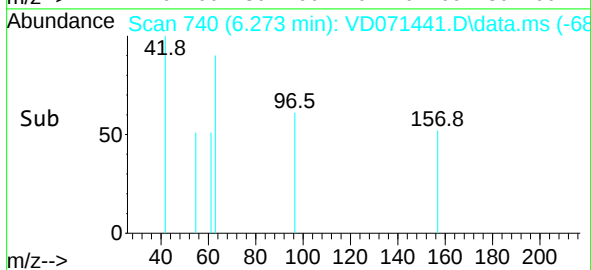
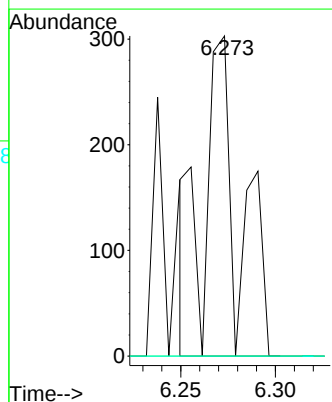
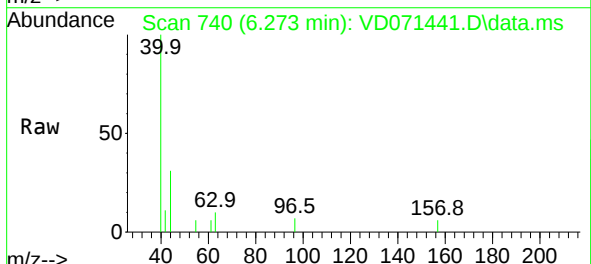
Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

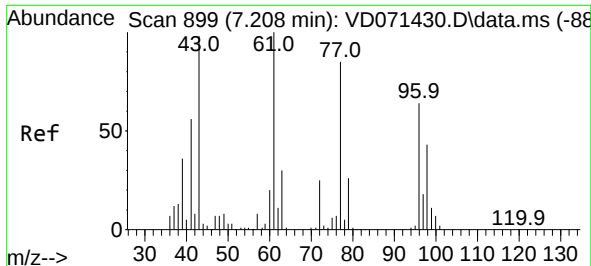
Tgt Ion: 43 Resp: 349
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 9.892 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.012 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Tgt Ion: 63 Resp: 389
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.6#
 100 0.0 2.1 6.3#

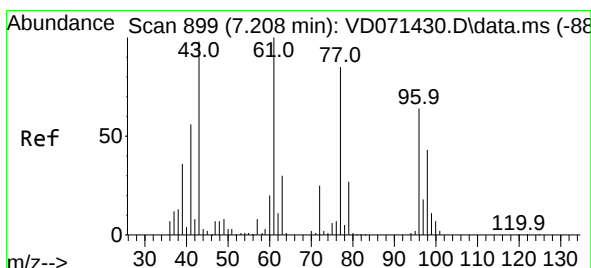
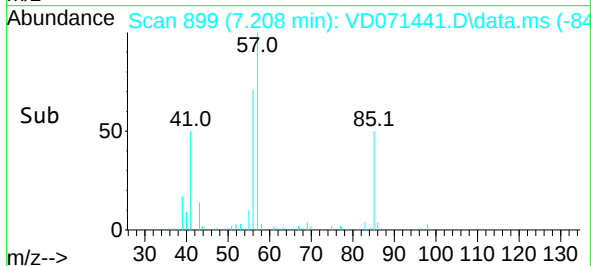
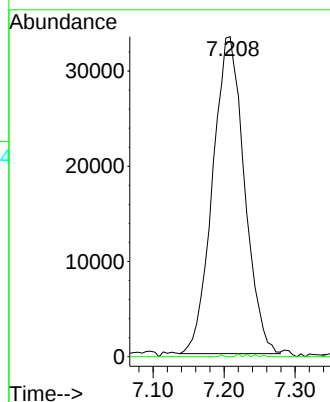
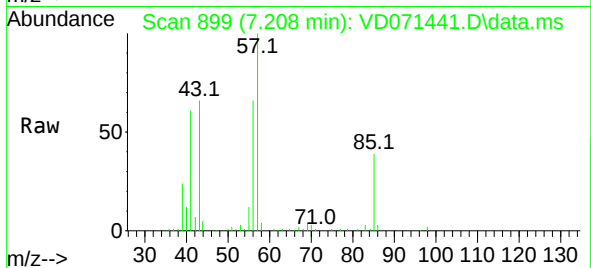




#25
2-Butanone
Concen: 15191.566 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

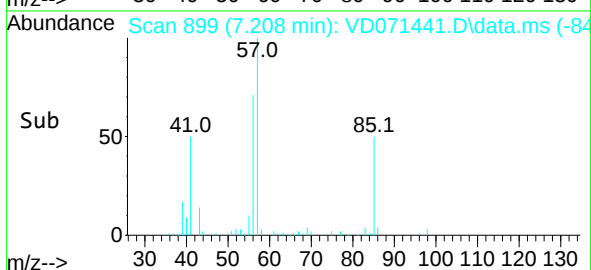
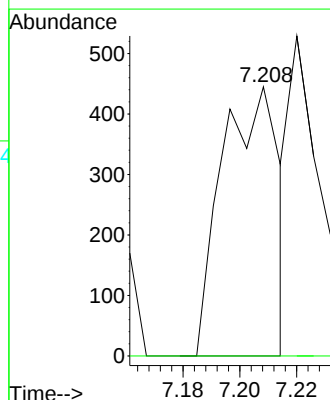
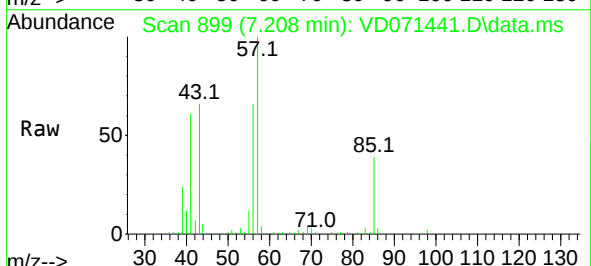
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

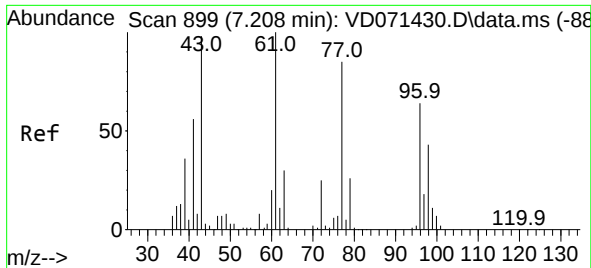
Tgt Ion: 43 Resp: 103509
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 19.218 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 77 Resp: 621
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#





#27

cis-1,2-Dichloroethene

Concen: 20.461 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

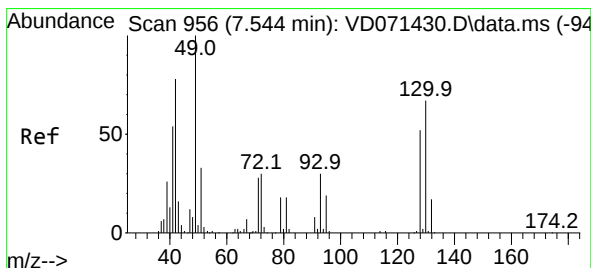
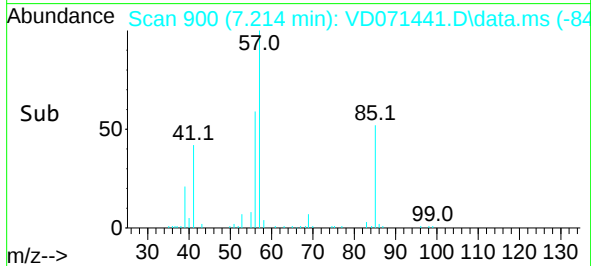
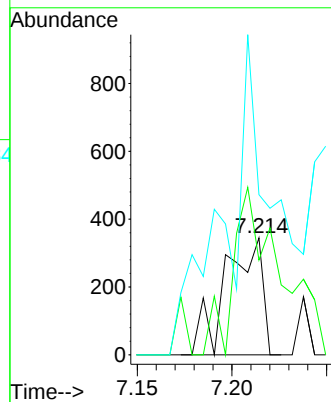
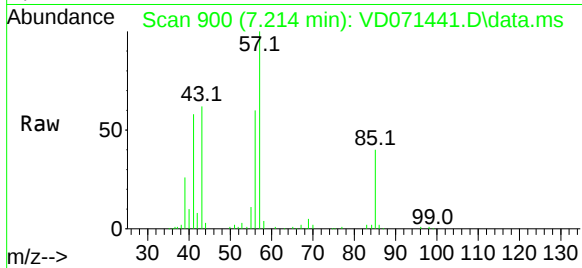
Tgt Ion: 96 Resp: 467

Ion Ratio Lower Upper

96 100

61 185.2 0.0 288.6

98 351.2 0.0 129.2#



#28

Bromochloromethane

Concen: 13.341 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.176 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

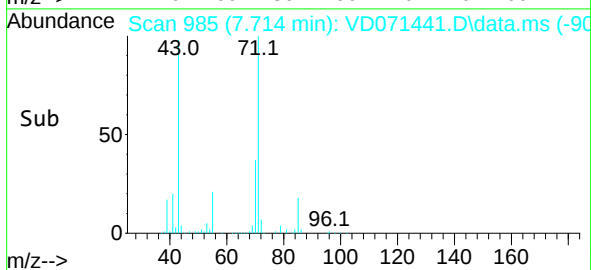
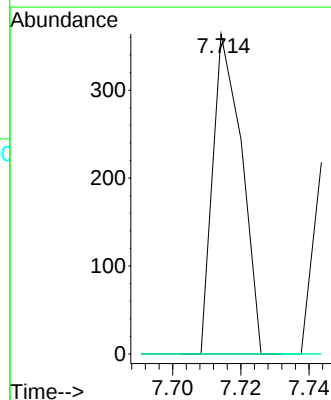
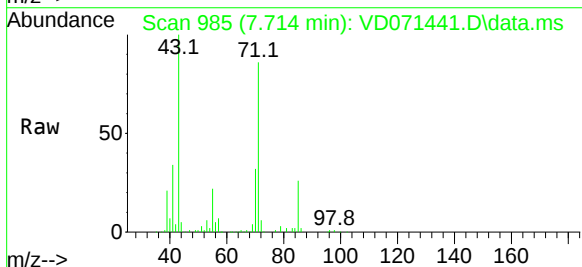
Tgt Ion: 49 Resp: 215

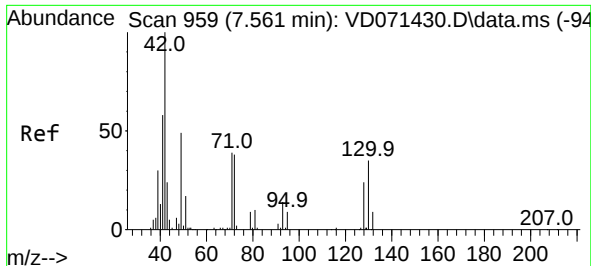
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 515.284 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

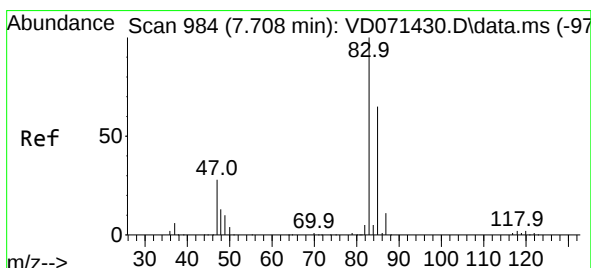
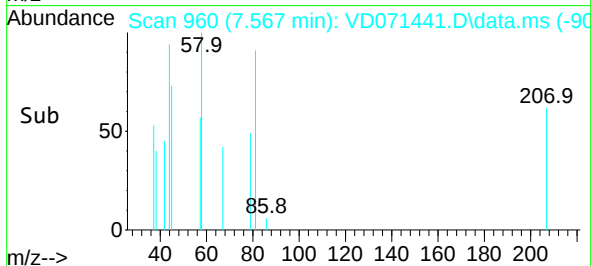
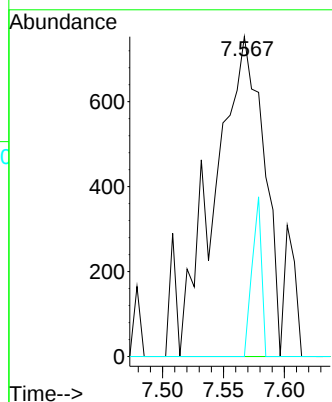
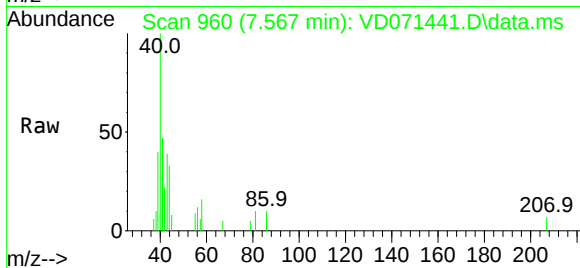
Tgt Ion: 42 Resp: 2108

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 32.7 49.1#



#30

Chloroform

Concen: 93.623 ug/l

RT: 7.732 min Scan# 988

Delta R.T. 0.030 min

Lab File: VD071441.D

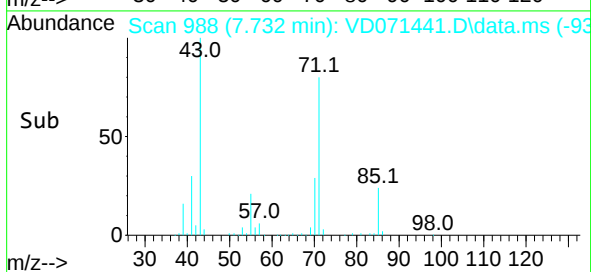
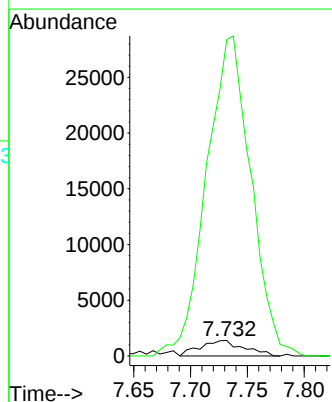
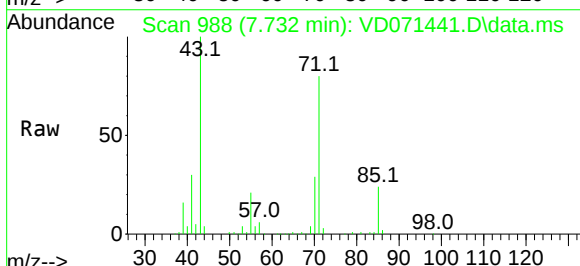
Acq: 23 Dec 2021 14:25

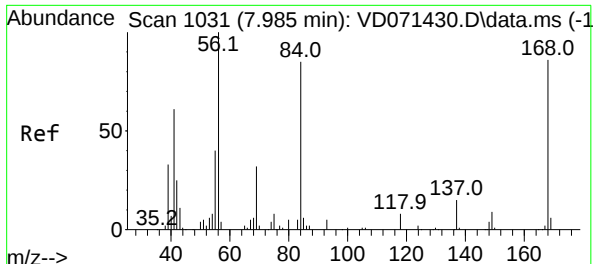
Tgt Ion: 83 Resp: 3715

Ion Ratio Lower Upper

83 100

85 1966.7 51.0 76.6#

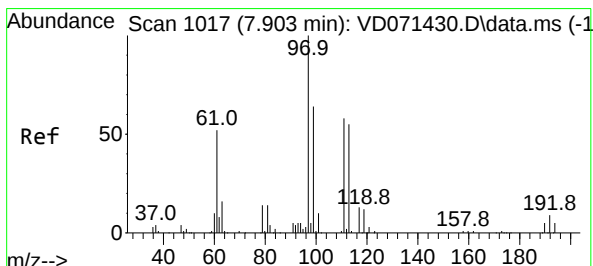
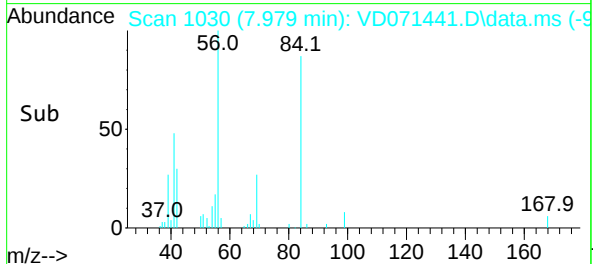
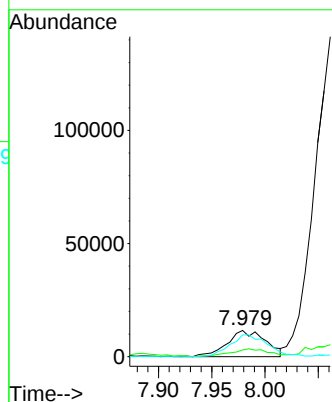
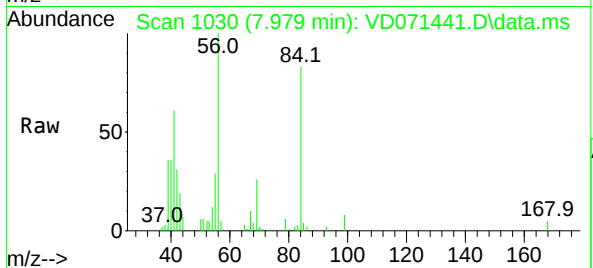




#31
Cyclohexane
Concen: 758.002 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

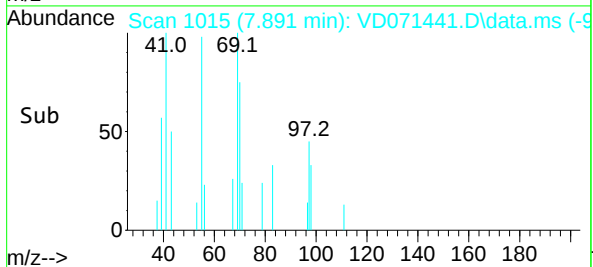
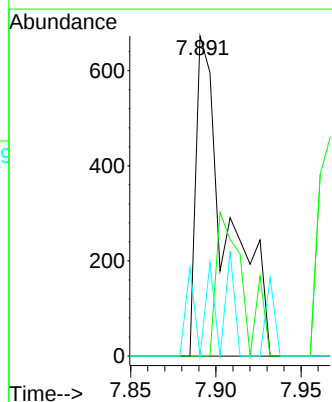
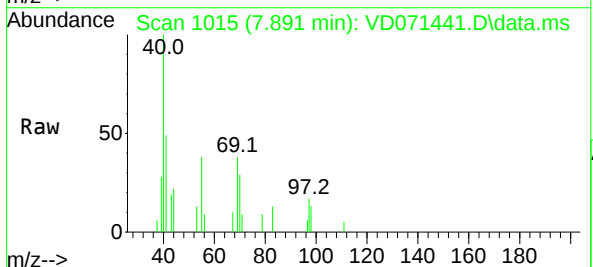
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

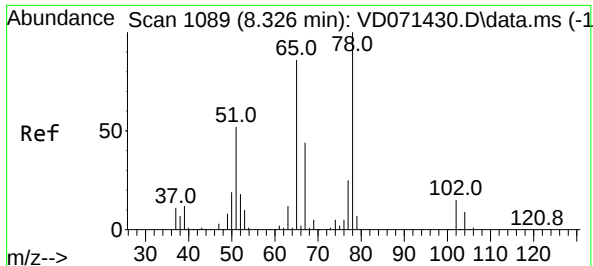
Tgt Ion: 56 Resp: 29243
Ion Ratio Lower Upper
56 100
69 21.5 25.9 38.9#
84 83.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 24.267 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.011 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 97 Resp: 854
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 7.7 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 5513.009 ug/l

RT: 8.508 min Scan# 1120

Delta R.T. 0.182 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

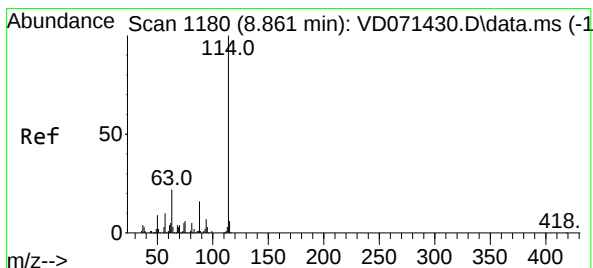
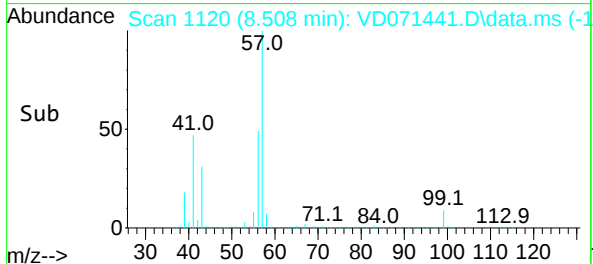
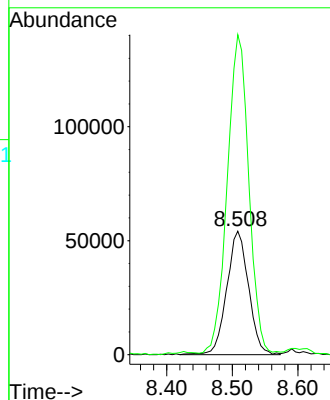
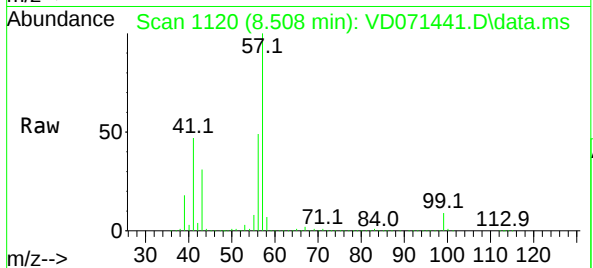
DA-2-4.5

Tgt Ion: 65 Resp: 125202

Ion Ratio Lower Upper

65 100

67 253.1 0.0 112.2#



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

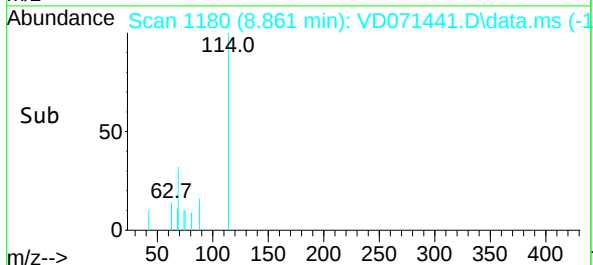
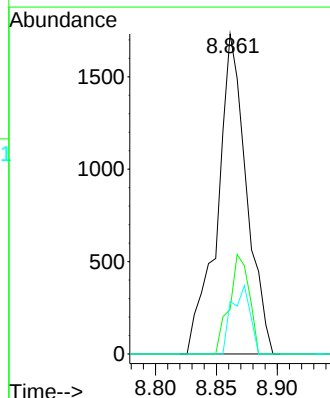
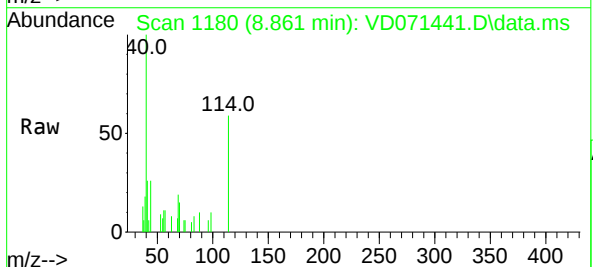
Tgt Ion: 114 Resp: 2886

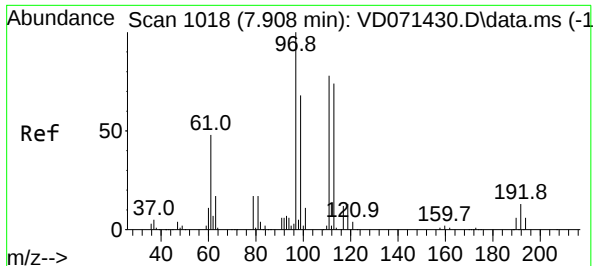
Ion Ratio Lower Upper

114 100

63 14.0 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 16.240 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

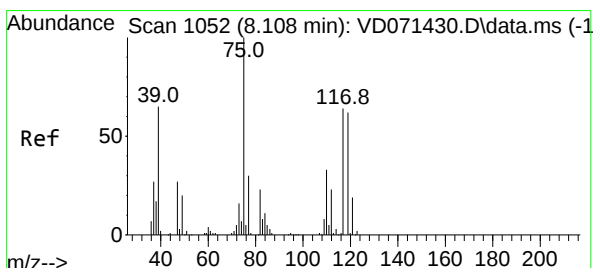
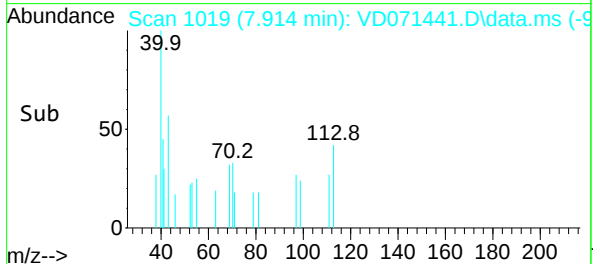
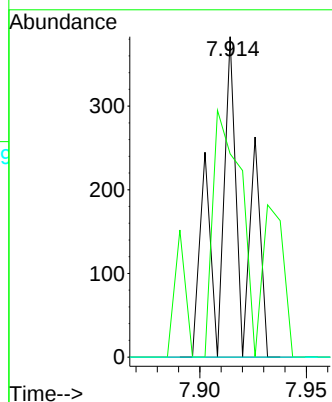
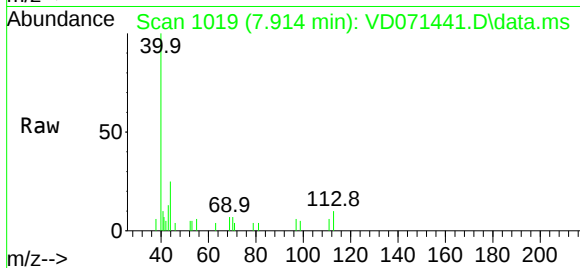
Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

Tgt Ion:113	Resp:	315
Ion Ratio	Lower	Upper
113	100	
111	85.4	82.0 123.0
192	0.0	15.2 22.8#



#36

1,1-Dichloropropene

Concen: 3.163 ug/l

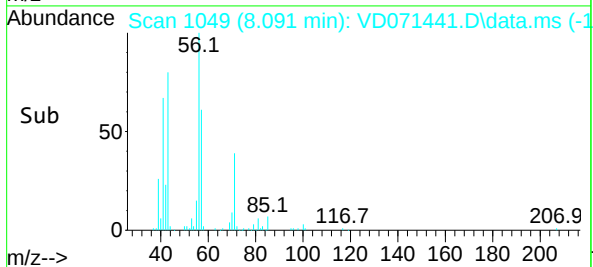
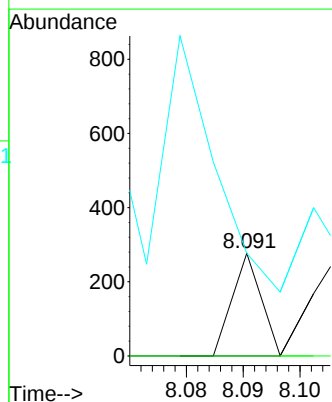
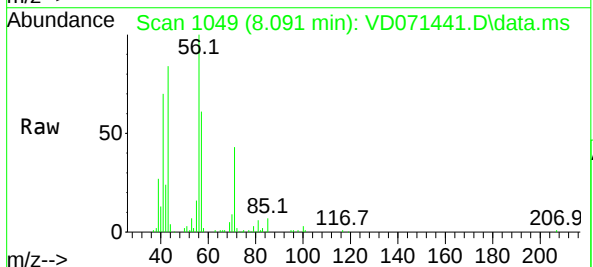
RT: 8.091 min Scan# 1049

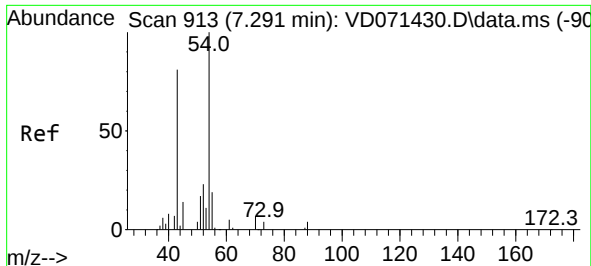
Delta R.T. -0.017 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Tgt Ion: 75	Resp:	98
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.8 53.4#
77	454.1	24.8 37.2#

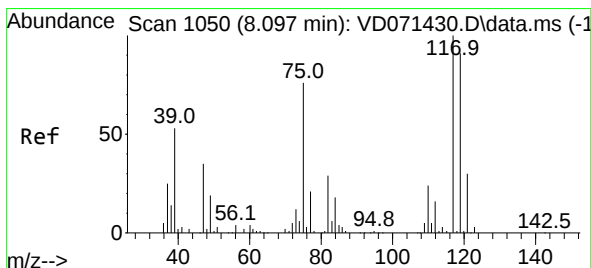
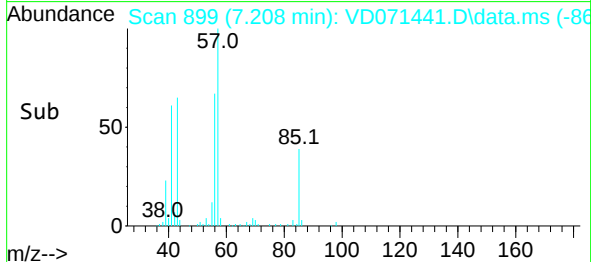
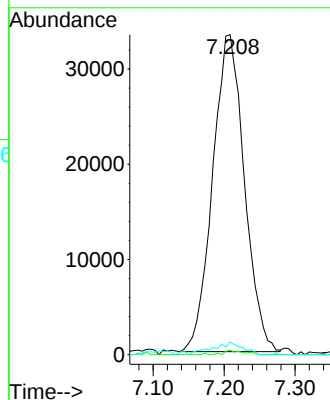
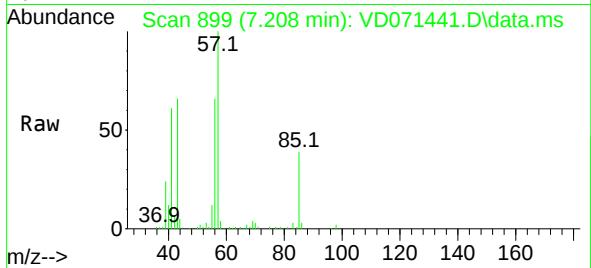




#37
Ethyl Acetate
Concen: 7235.253 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.077 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

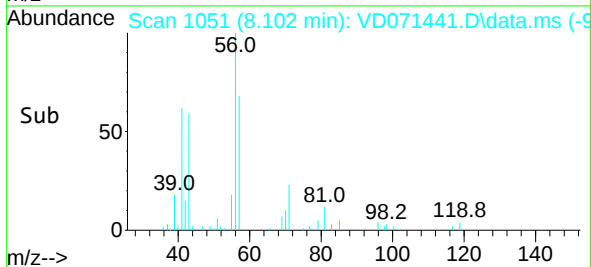
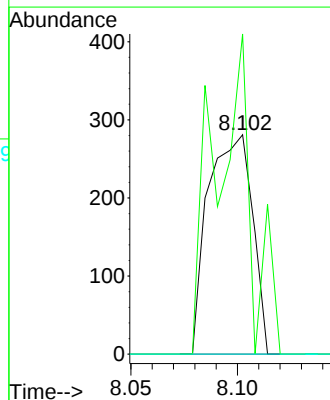
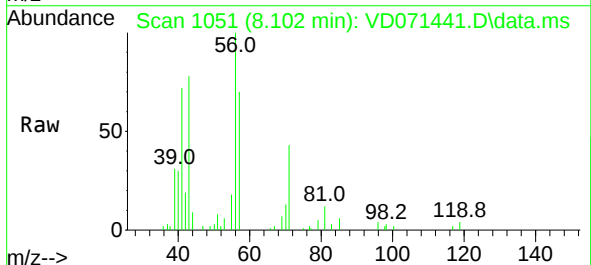
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

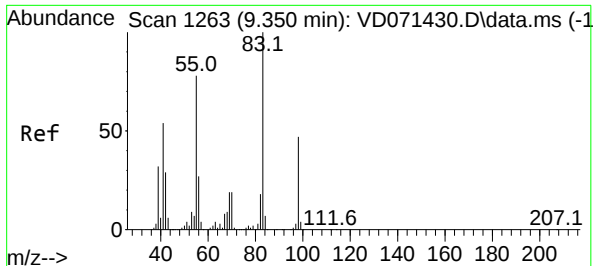
Tgt Ion: 43 Resp: 103509
Ion Ratio Lower Upper
43 100
61 0.8 13.0 19.6#
70 3.7 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 13.247 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 117 Resp: 405
Ion Ratio Lower Upper
117 100
119 145.9 75.8 113.6#
121 0.0 23.6 35.4#





#39

Methylcyclohexane

Concen: 1135.341 ug/l

RT: 9.320 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

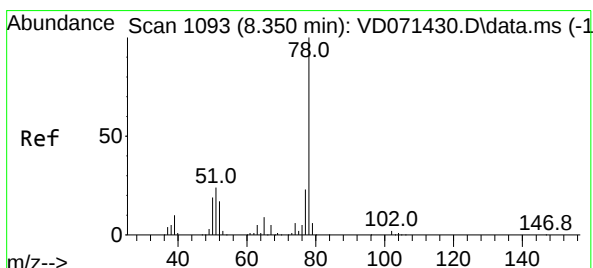
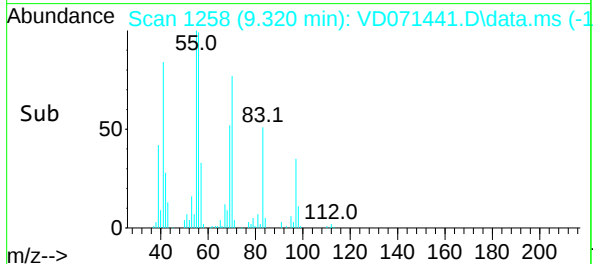
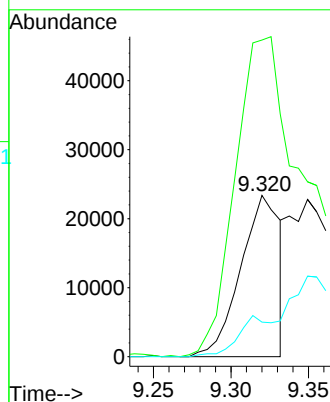
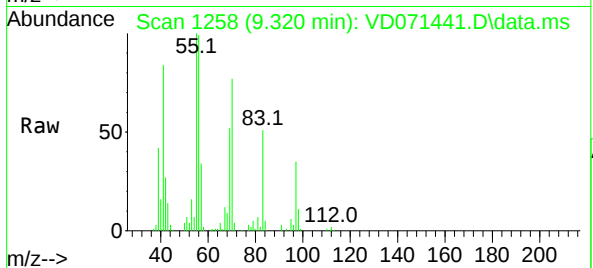
Tgt Ion: 83 Resp: 41184

Ion Ratio Lower Upper

83 100

55 196.4 65.8 98.8#

98 21.4 38.7 58.1#



#40

Benzene

Concen: 19.603 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD071441.D

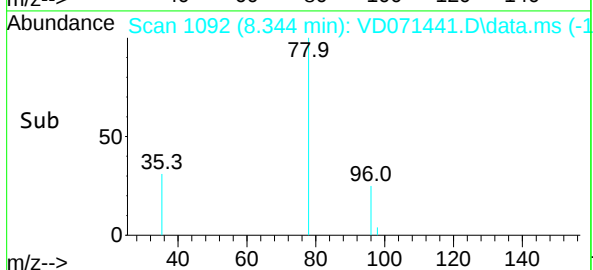
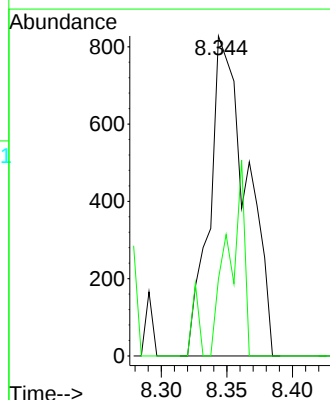
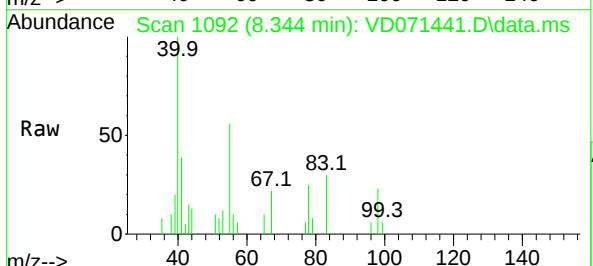
Acq: 23 Dec 2021 14:25

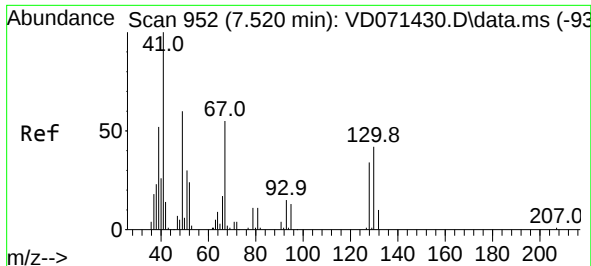
Tgt Ion: 78 Resp: 1633

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

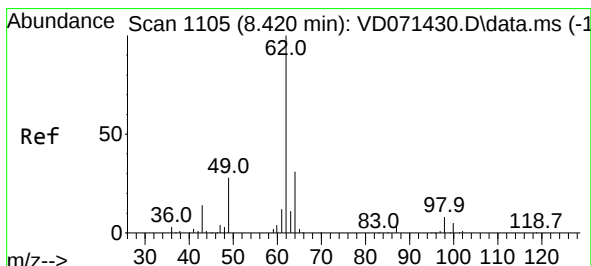
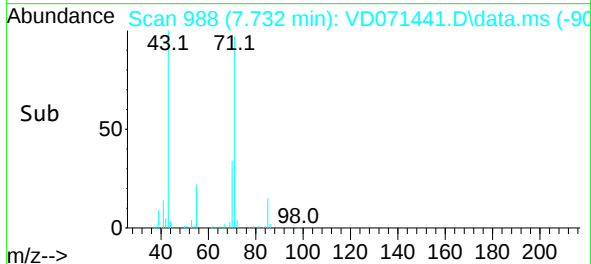
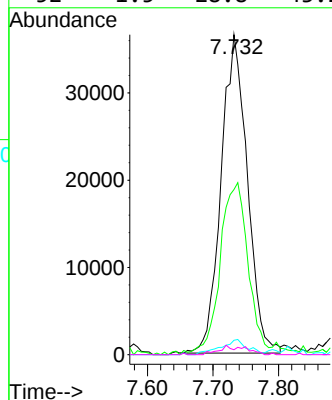
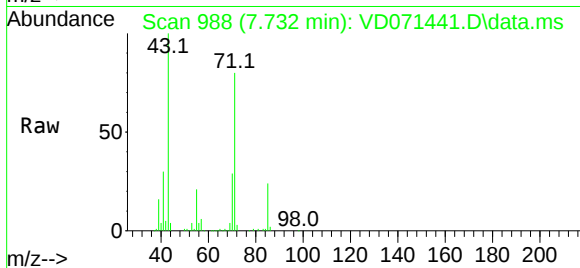




#41
Methacrylonitrile
Concen: 11938.901 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.206 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

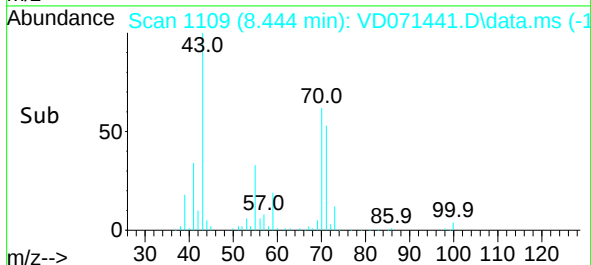
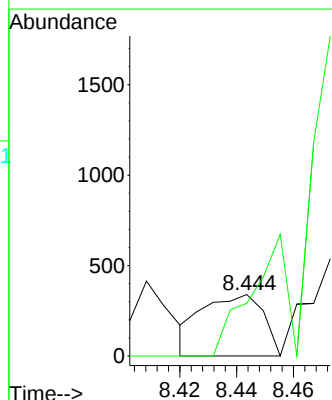
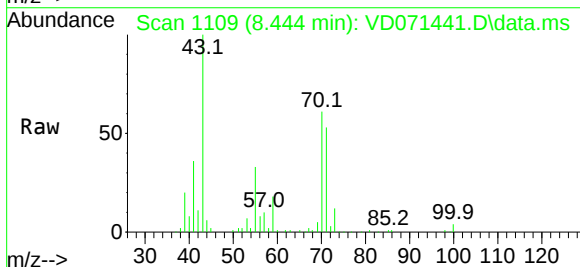
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

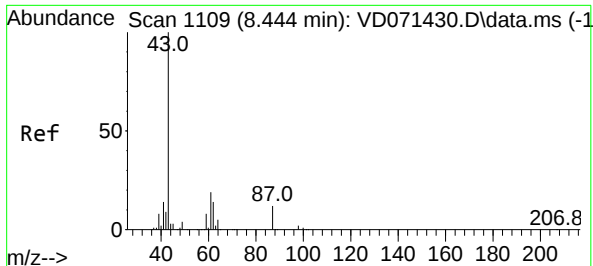
Tgt Ion: 41 Resp: 101451
Ion Ratio Lower Upper
41 100
39 57.4 60.2 90.4#
67 4.8 74.8 112.2#
52 1.5 28.8 43.2#



#42
1,2-Dichloroethane
Concen: 18.627 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.024 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 62 Resp: 506
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8

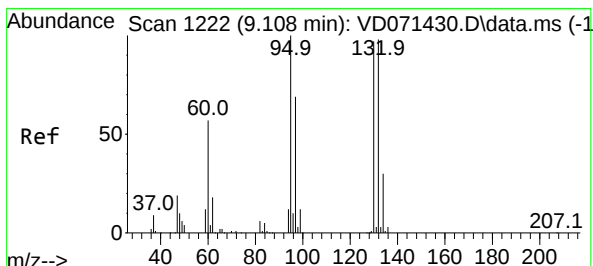
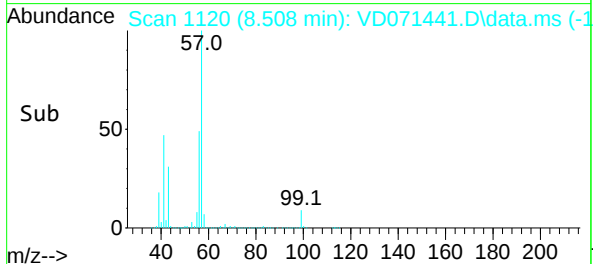
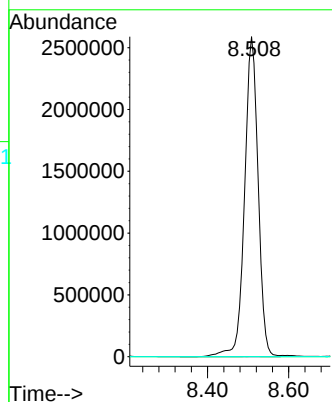
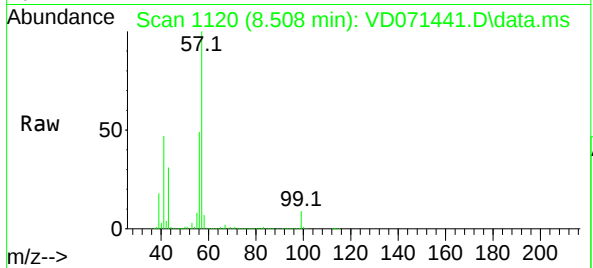




#43
Isopropyl Acetate
Concen: 210591.889 ug/l
RT: 8.508 min Scan# 1109
Delta R.T. 0.058 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

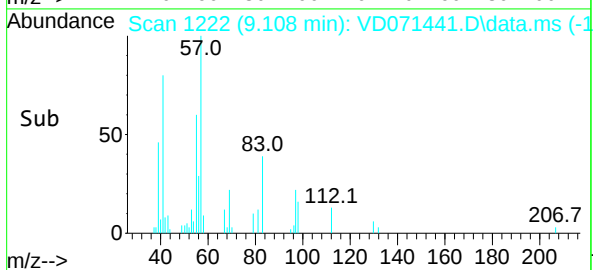
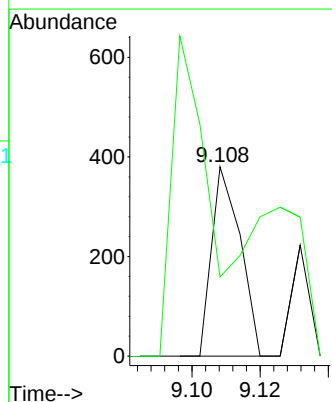
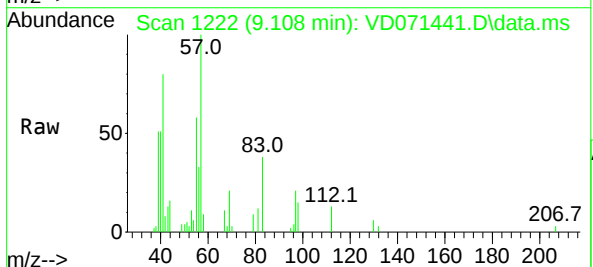
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

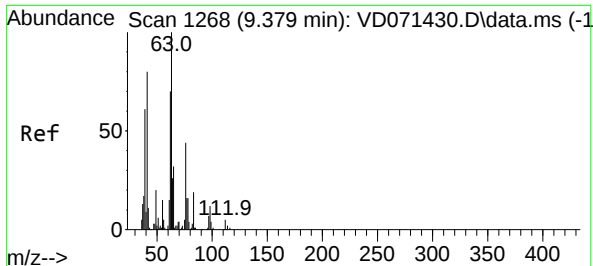
Tgt Ion: 43 Resp: 5978872
Ion Ratio Lower Upper
43 100
61 0.1 28.2 42.4#
87 0.0 10.7 16.1#



#44
Trichloroethene
Concen: 10.180 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 130 Resp: 221
Ion Ratio Lower Upper
130 100
95 0.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 23.223 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

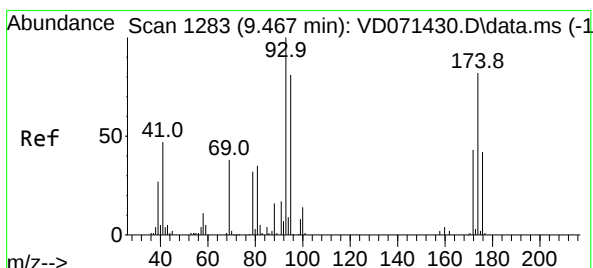
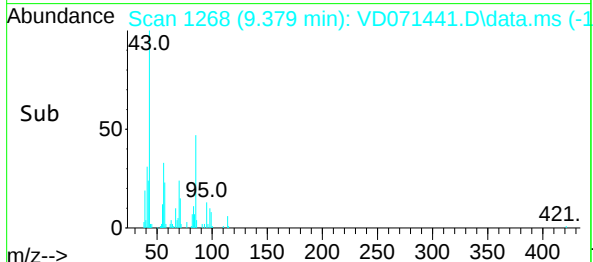
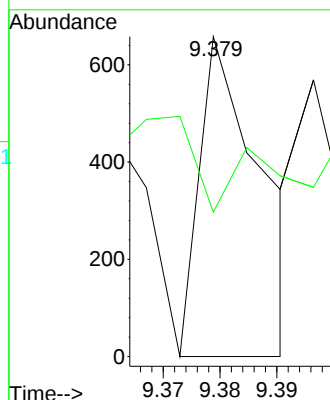
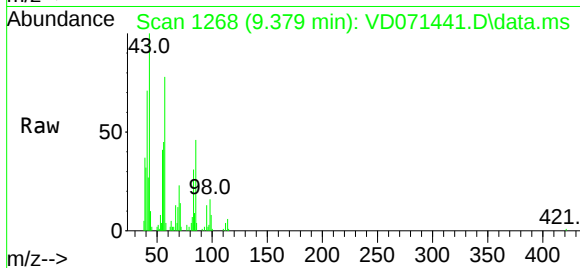
DA-2-4.5

Tgt Ion: 63 Resp: 502

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#46

Dibromomethane

Concen: 72.766 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.018 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

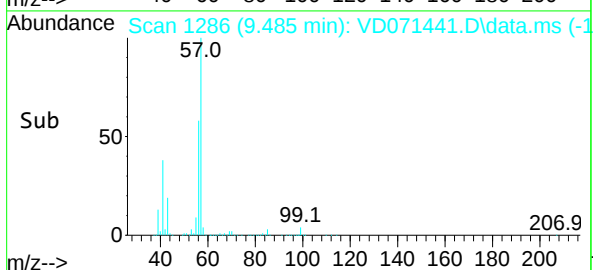
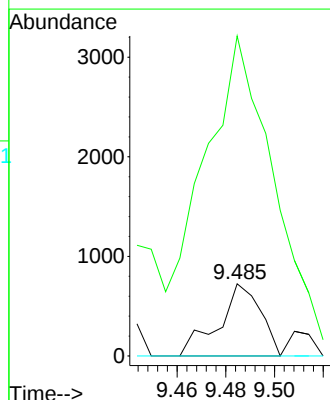
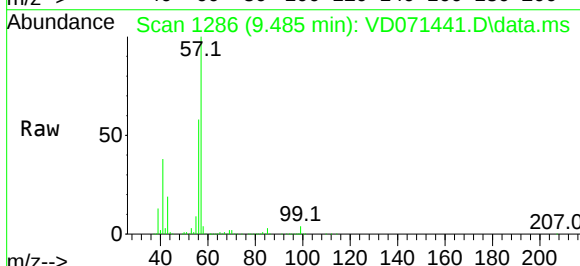
Tgt Ion: 93 Resp: 869

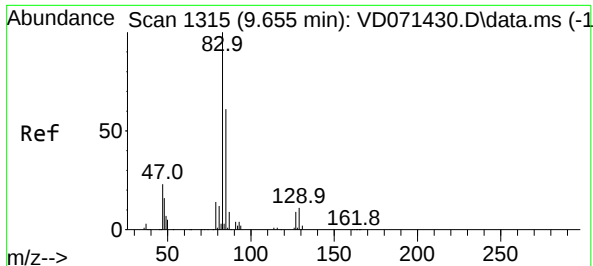
Ion Ratio Lower Upper

93 100

95 747.9 66.1 99.1#

174 0.0 78.6 117.8#





#47

Bromodichloromethane

Concen: 176.646 ug/l

RT: 9.626 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

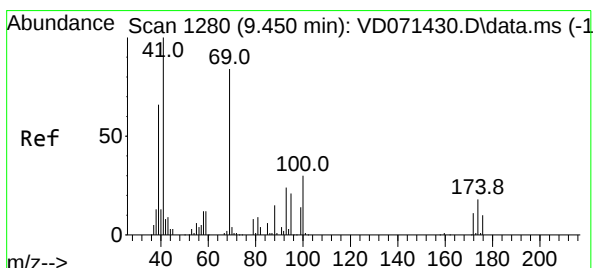
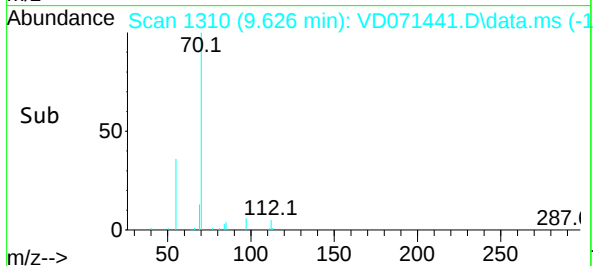
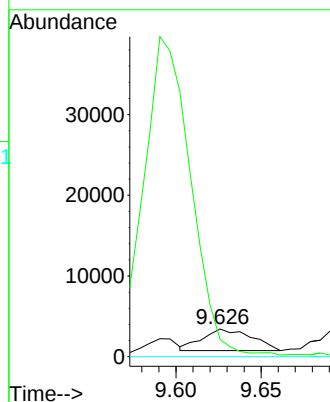
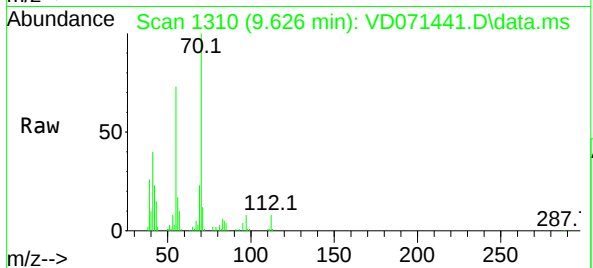
Tgt Ion: 83 Resp: 5356

Ion Ratio Lower Upper

83 100

85 72.6 50.0 75.0

127 0.0 7.3 10.9#



#48

Methyl methacrylate

Concen: 61565.704 ug/l

RT: 9.485 min Scan# 1286

Delta R.T. 0.036 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

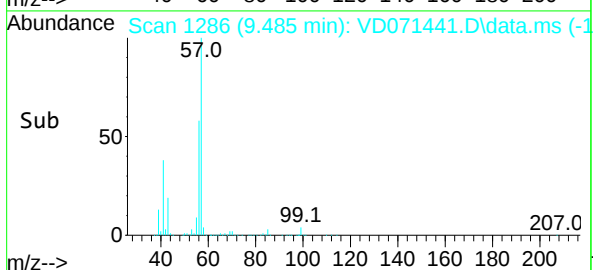
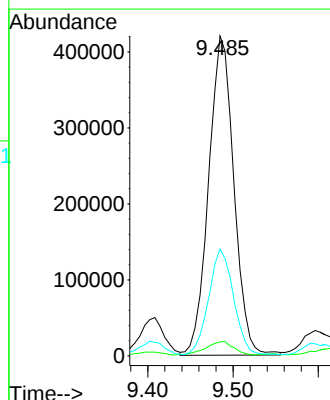
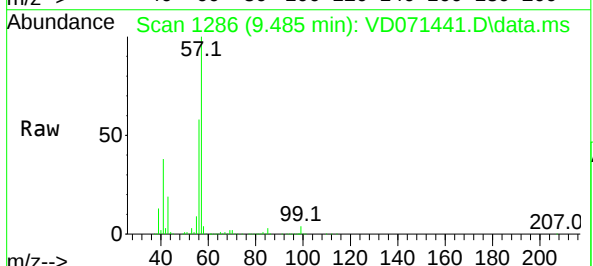
Tgt Ion: 41 Resp: 864949

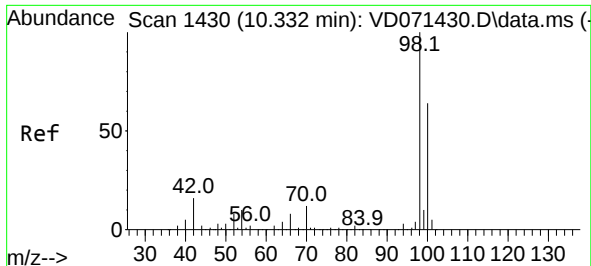
Ion Ratio Lower Upper

41 100

69 5.1 69.8 104.6#

39 32.4 35.6 53.4#

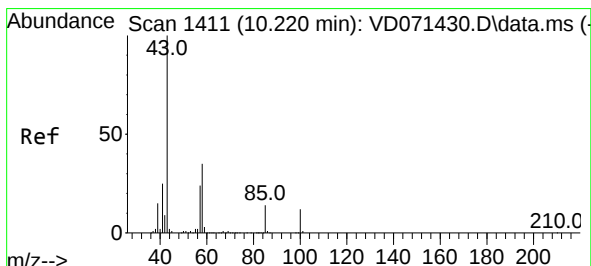
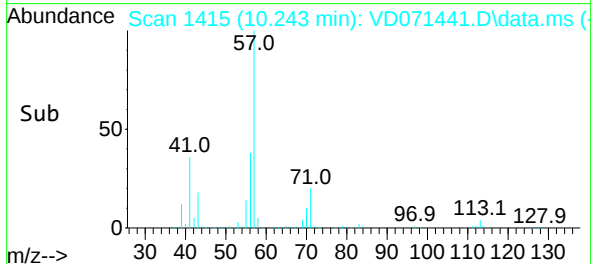
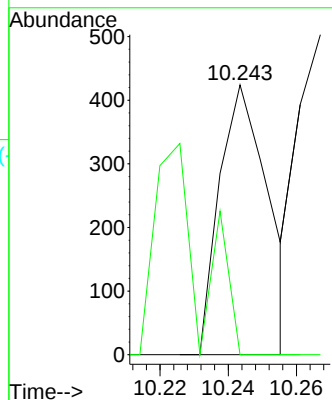
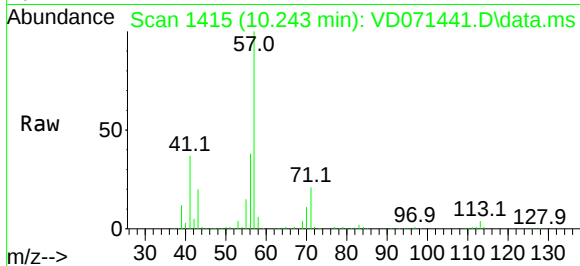




#50
Toluene-d8
Concen: 5.744 ug/l
RT: 10.243 min Scan# 1415
Delta R.T. -0.089 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

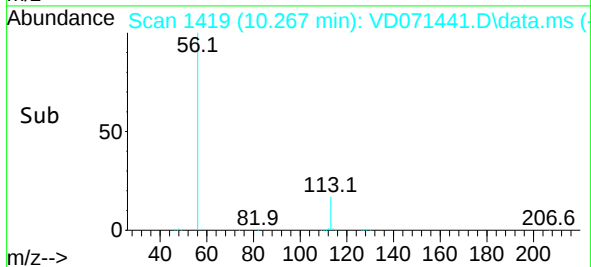
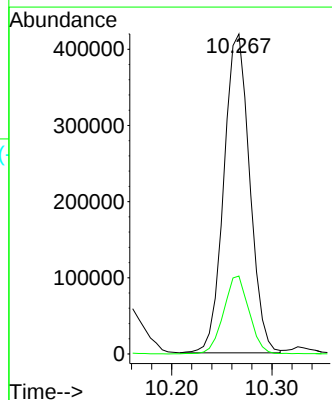
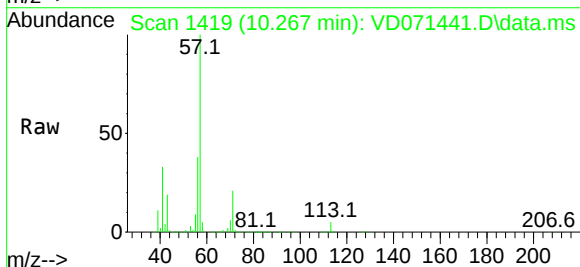
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

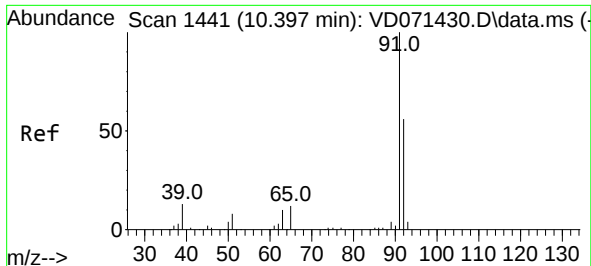
Tgt Ion: 98 Resp: 421
Ion Ratio Lower Upper
98 100
100 71.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 50188.654 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.047 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 43 Resp: 749653
Ion Ratio Lower Upper
43 100
58 24.3 33.1 49.7#

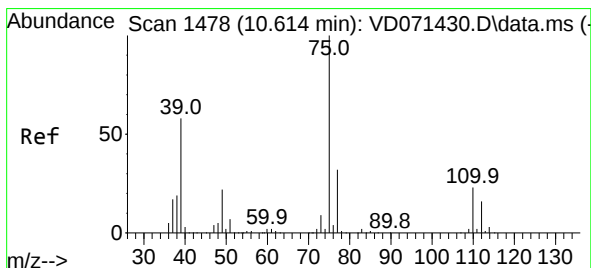
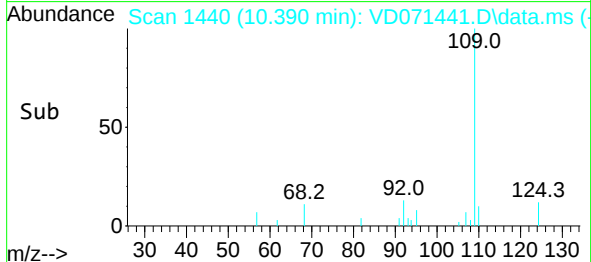
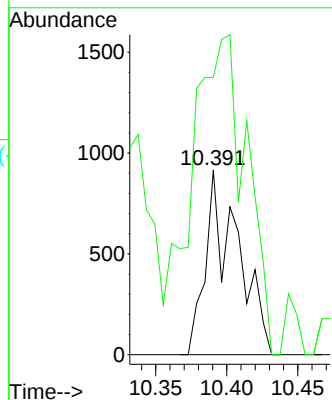
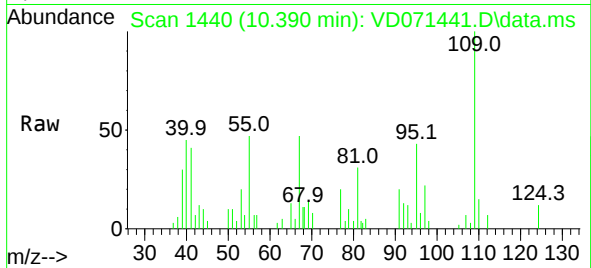




#52
Toluene
Concen: 27.061 ug/l
RT: 10.390 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

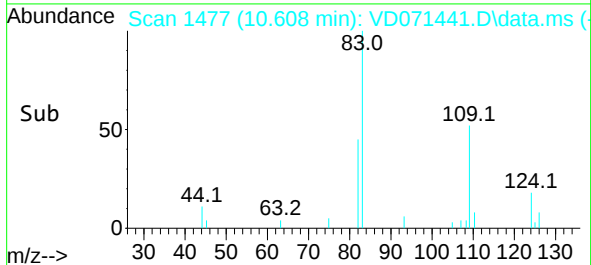
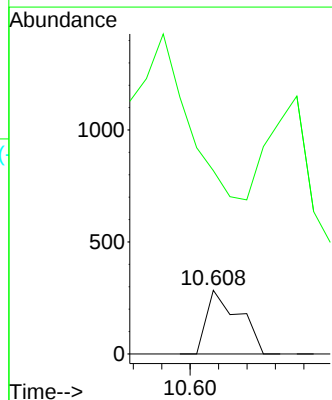
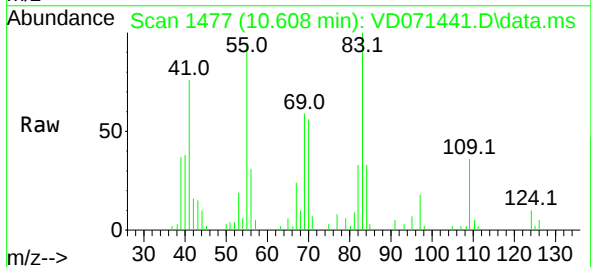
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

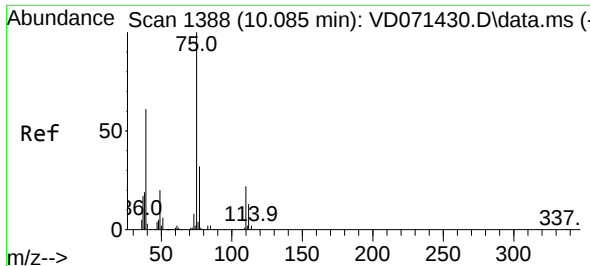
Tgt Ion: 92 Resp: 1432
Ion Ratio Lower Upper
92 100
91 295.3 140.7 211.1#



#53
t-1,3-Dichloropropene
Concen: 7.982 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 75 Resp: 226
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#

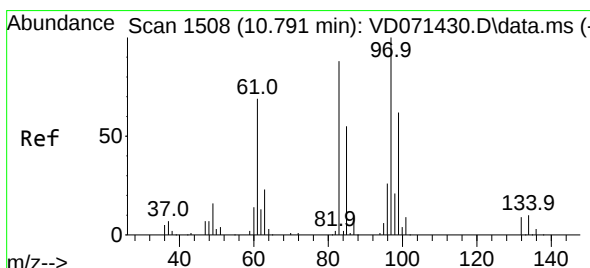
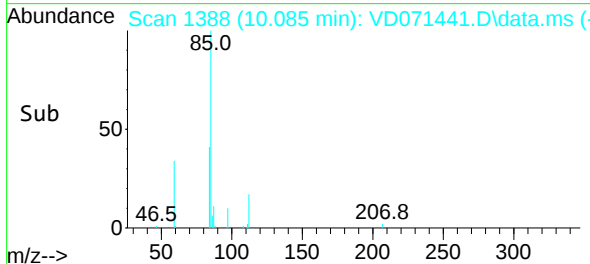
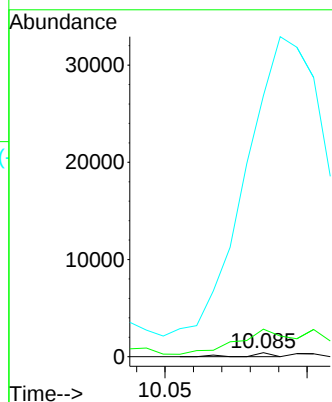
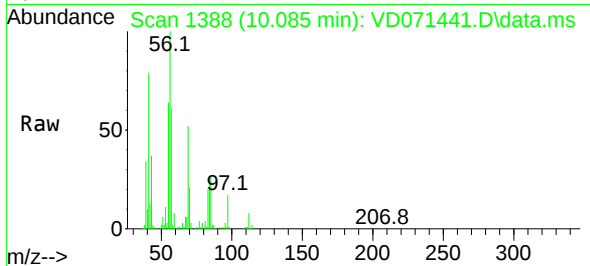




#54
cis-1,3-Dichloropropene
Concen: 6.296 ug/l
RT: 10.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

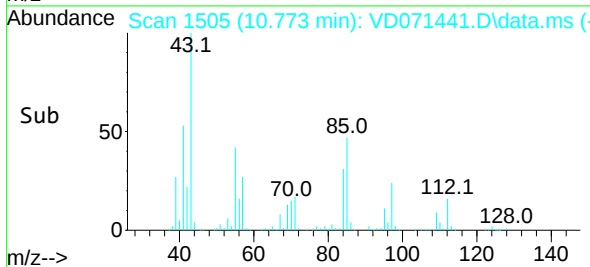
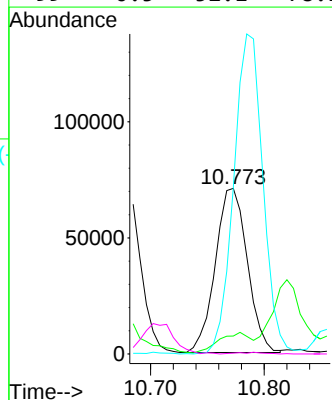
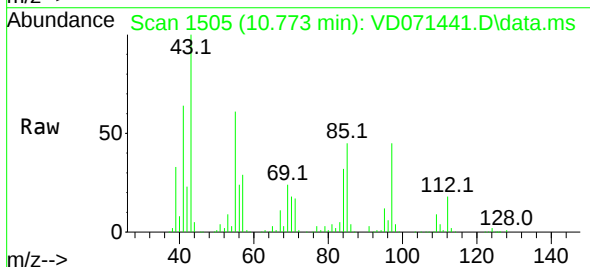
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

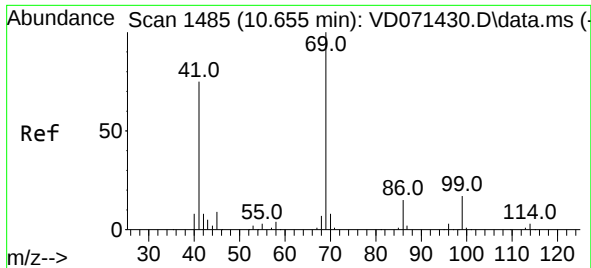
Tgt Ion: 75 Resp: 206
Ion Ratio Lower Upper
75 100
77 616.2 25.0 37.6#
39 5722.2 31.6 47.4#



#55
1,1,2-Trichloroethane
Concen: 9123.923 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 97 Resp: 138307
Ion Ratio Lower Upper
97 100
83 9.4 65.2 97.8#
85 101.5 43.4 65.0#
99 0.5 52.1 78.1#

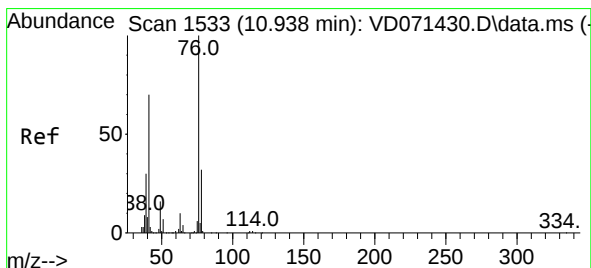
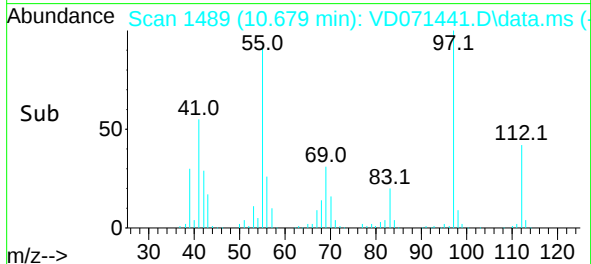
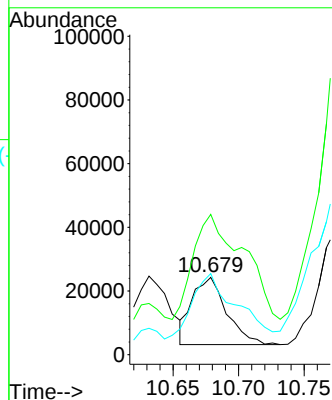
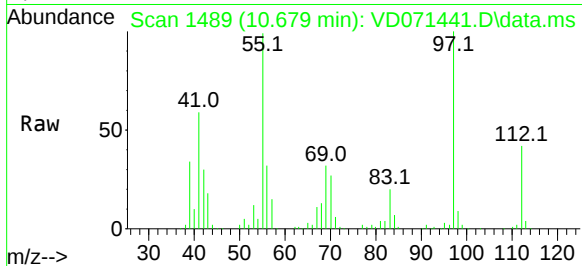




#56
Ethyl methacrylate
Concen: 1935.391 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

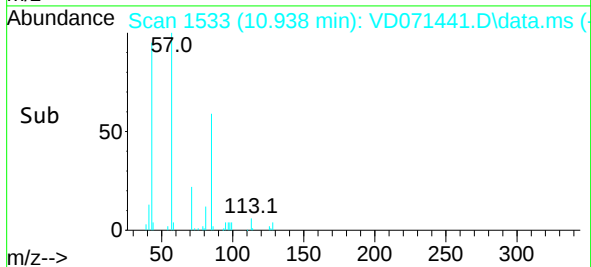
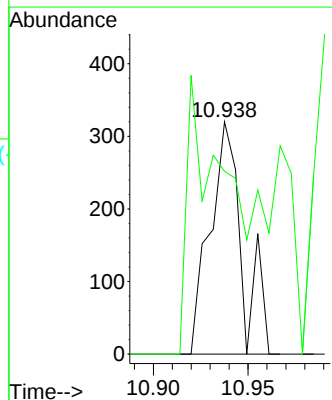
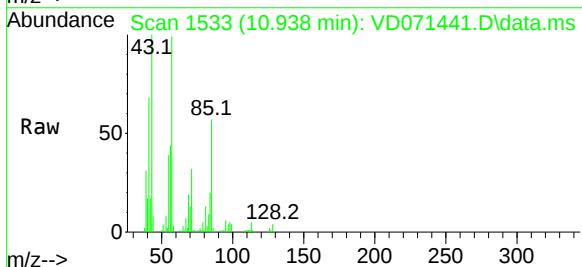
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

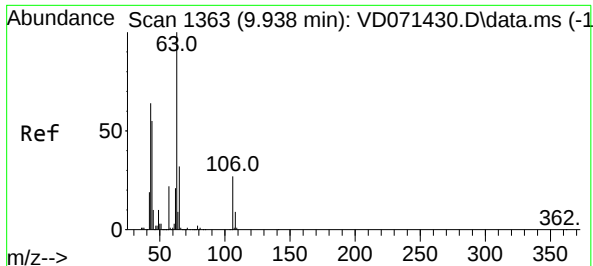
Tgt Ion: 69 Resp: 38607
Ion Ratio Lower Upper
69 100
41 335.5 50.2 75.2#
39 142.5 19.8 29.8#



#57
1,3-Dichloropropane
Concen: 13.542 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 76 Resp: 376
Ion Ratio Lower Upper
76 100
78 142.6 25.8 38.6#

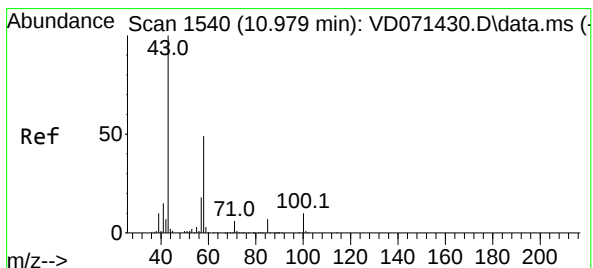
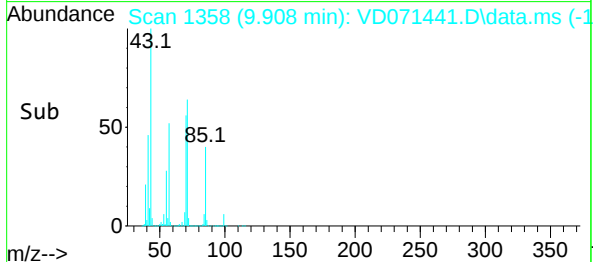
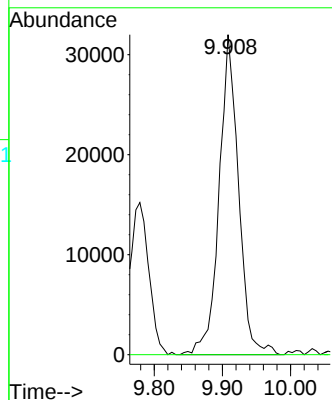
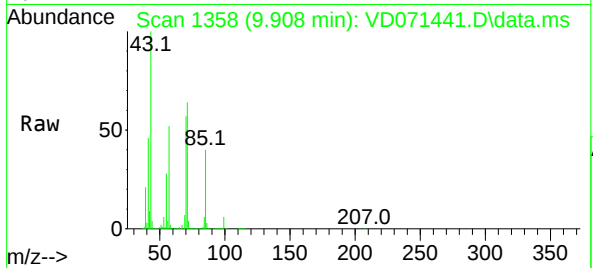




#58
2-Chloroethyl Vinyl ether
Concen: 6635.848 ug/l
RT: 9.908 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

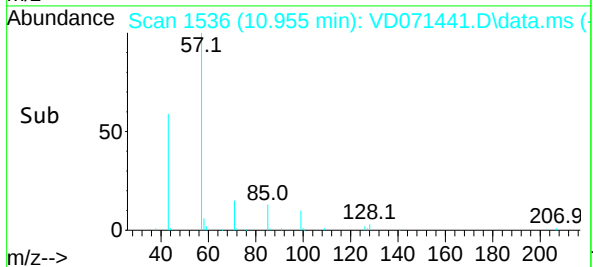
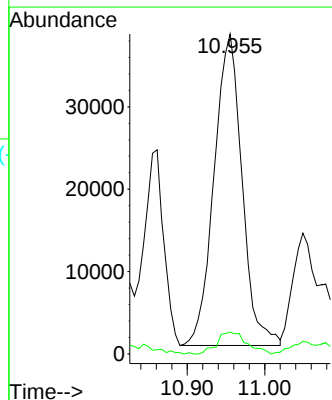
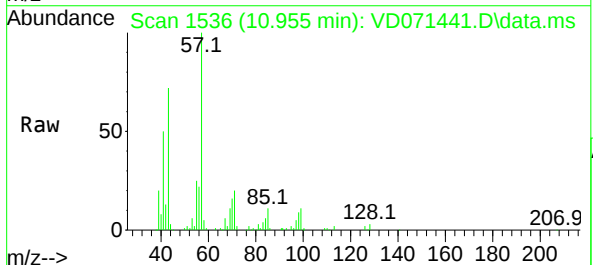
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

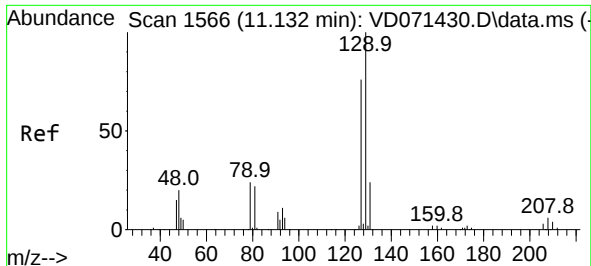
Tgt Ion: 63 Resp: 63408
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 8988.984 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.024 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 43 Resp: 94906
Ion Ratio Lower Upper
43 100
58 7.5 28.7 86.1#

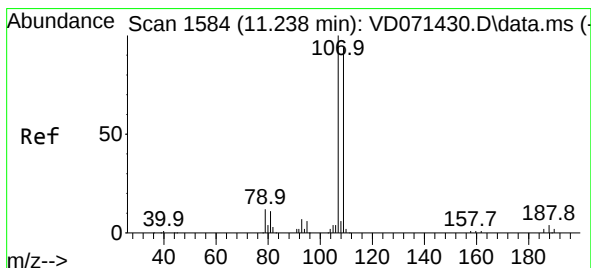
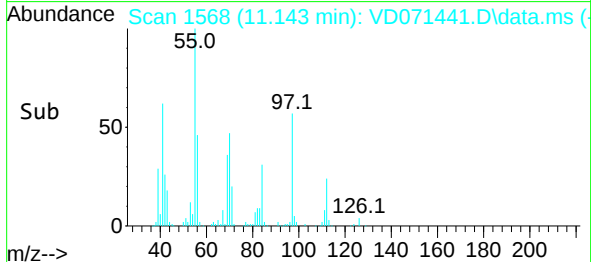
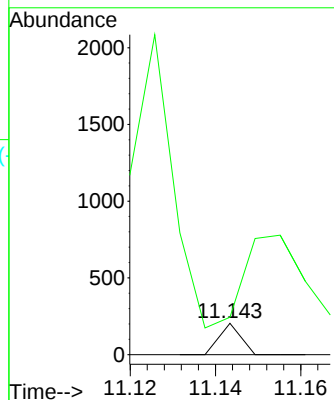
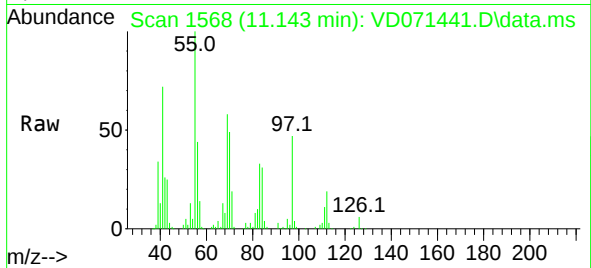




#60
Dibromochloromethane
Concen: 3.778 ug/l
RT: 11.143 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

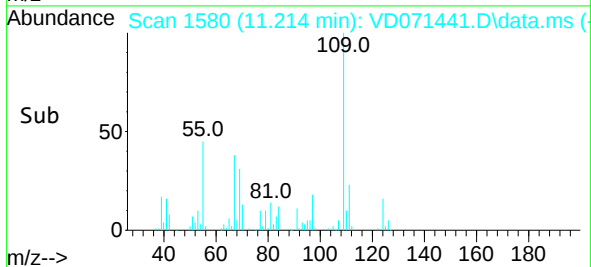
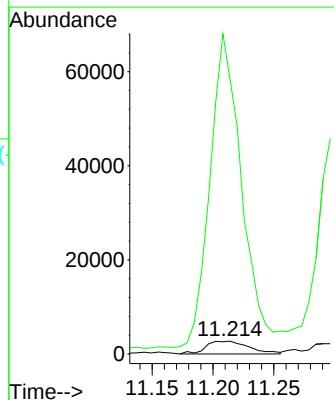
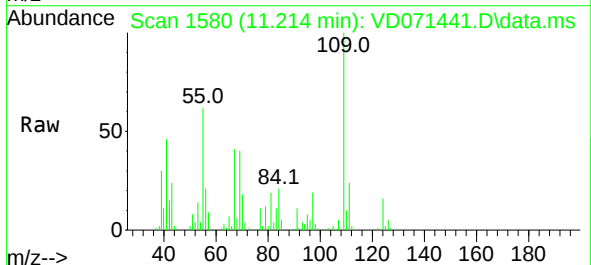
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

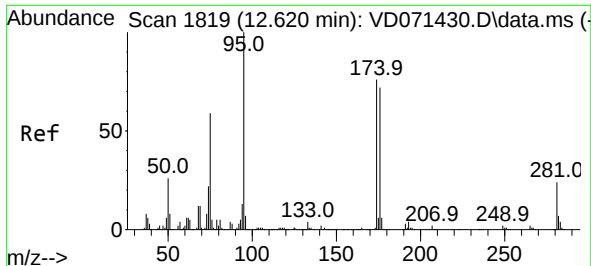
Tgt Ion:129 Resp: 72
Ion Ratio Lower Upper
129 100
127 1508.3 38.9 116.6#



#61
1,2-Dibromoethane
Concen: 446.776 ug/l
RT: 11.214 min Scan# 1580
Delta R.T. -0.024 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:107 Resp: 6708
Ion Ratio Lower Upper
107 100
109 1840.4 74.6 112.0#

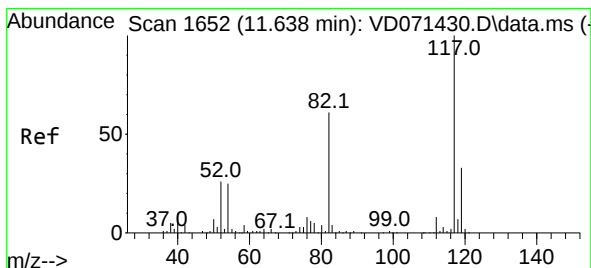
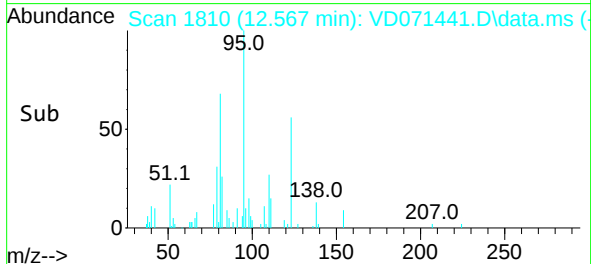
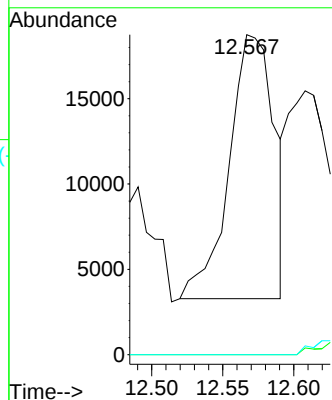
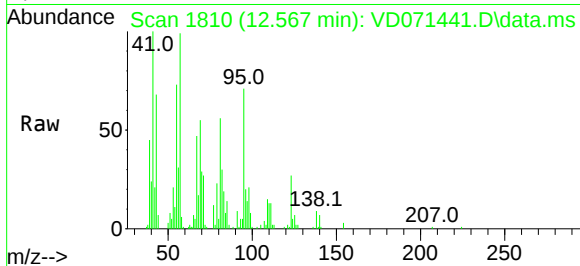




#62
4-Bromofluorobenzene
Concen: 1310.653 ug/l
RT: 12.567 min Scan# 1810
Delta R.T. -0.059 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

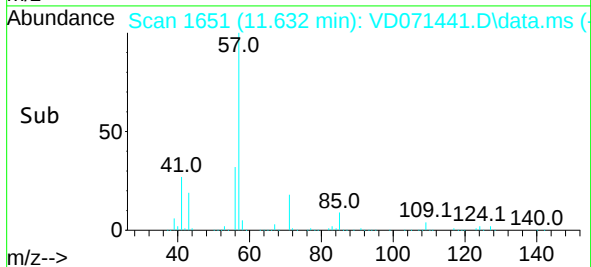
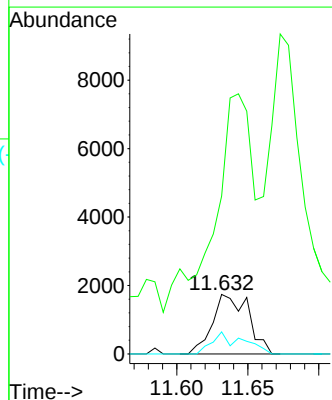
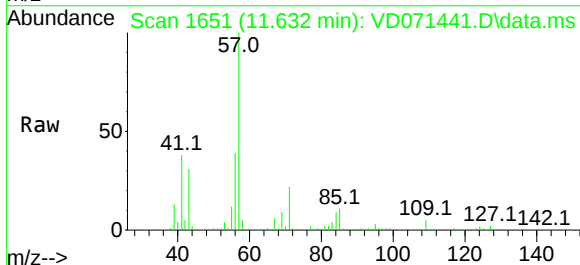
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

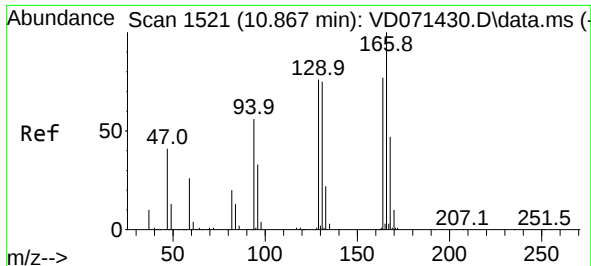
Tgt Ion: 95 Resp: 34138
Ion Ratio Lower Upper
95 100
174 0.0 0.0 159.4
176 0.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 117 Resp: 3064
Ion Ratio Lower Upper
117 100
82 122.6 44.7 67.1#
119 37.2 26.2 39.4

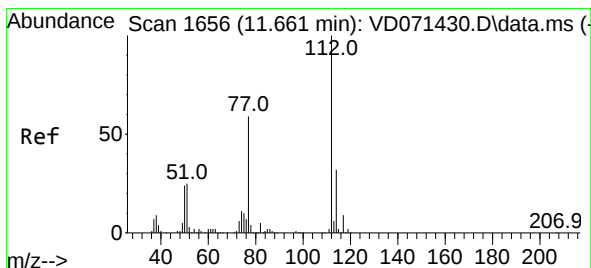
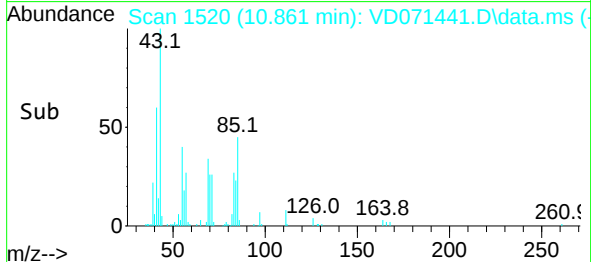
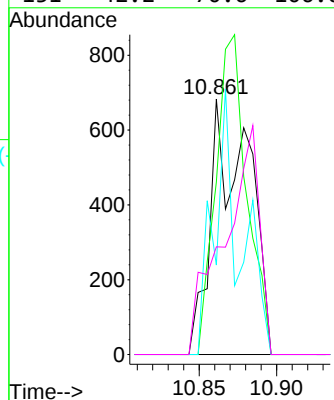
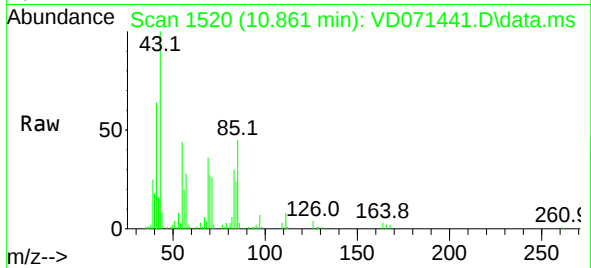




#64
Tetrachloroethene
Concen: 54.856 ug/l
RT: 10.861 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

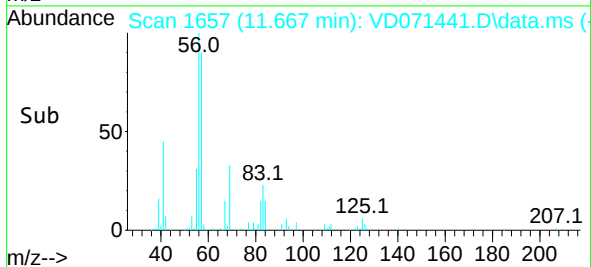
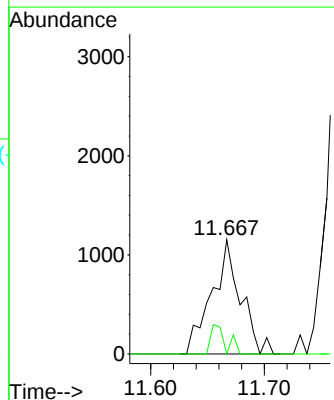
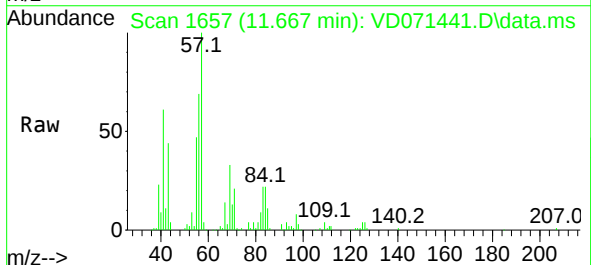
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

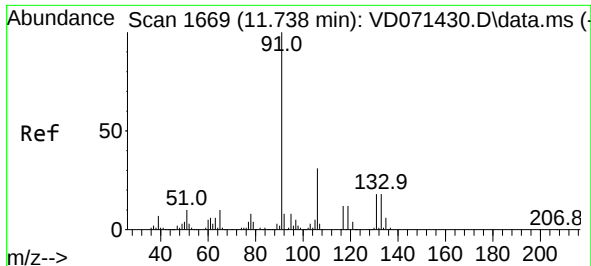
Tgt Ion:164	Resp:	1168
Ion Ratio	Lower	Upper
164	100	
166	67.5	102.6 153.8#
129	35.0	75.4 113.0#
131	42.2	70.6 106.0#



#65
Chlorobenzene
Concen: 32.379 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:112	Resp:	2035
Ion Ratio	Lower	Upper
112	100	
114	0.0	26.0 39.0#

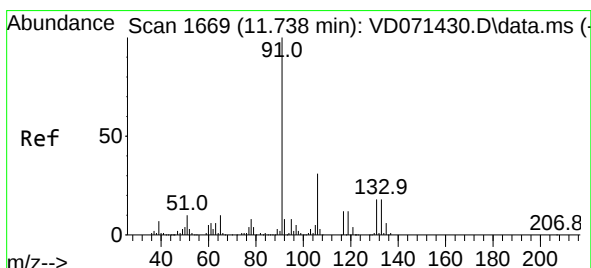
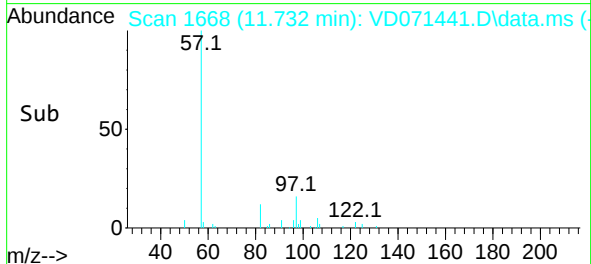
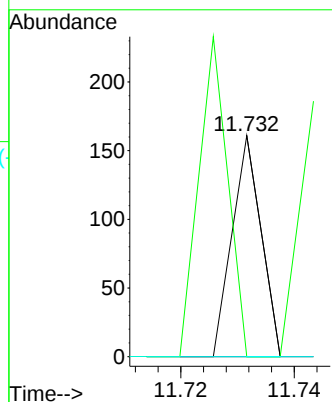
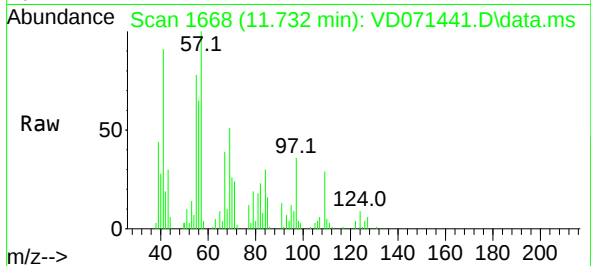




#66
1,1,1,2-Tetrachloroethane
Concen: 2.483 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

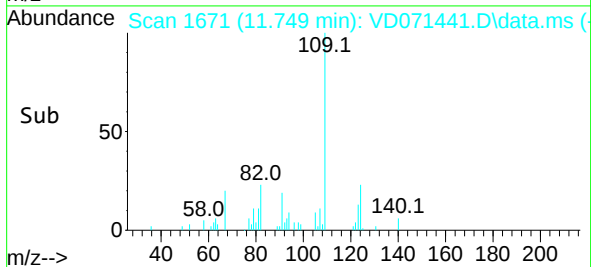
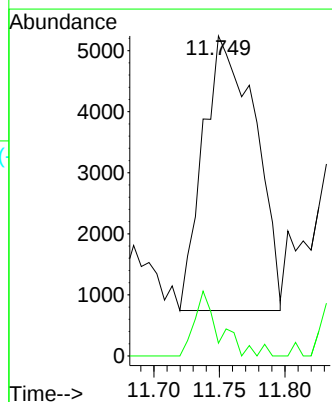
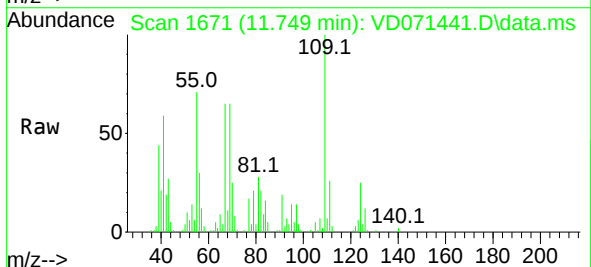
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

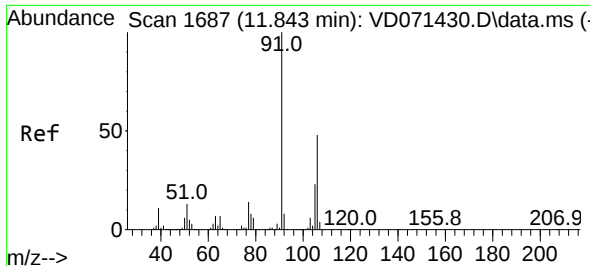
Tgt Ion:131 Resp: 57
Ion Ratio Lower Upper
131 100
133 143.9 48.0 144.0
119 0.0 33.5 100.4#



#67
Ethyl Benzene
Concen: 106.398 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.011 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 91 Resp: 12445
Ion Ratio Lower Upper
91 100
106 4.6 24.6 36.8#

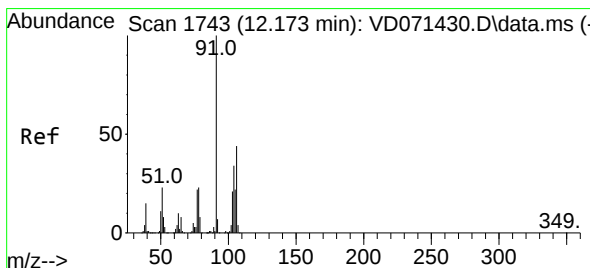
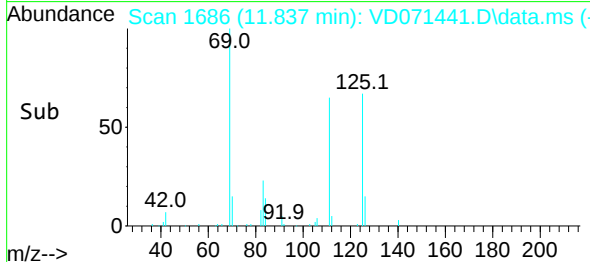
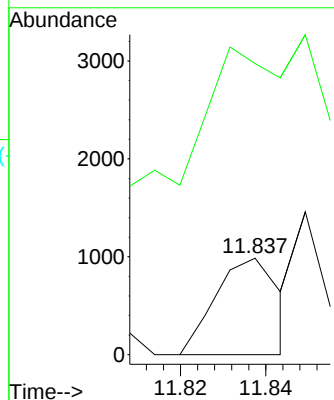
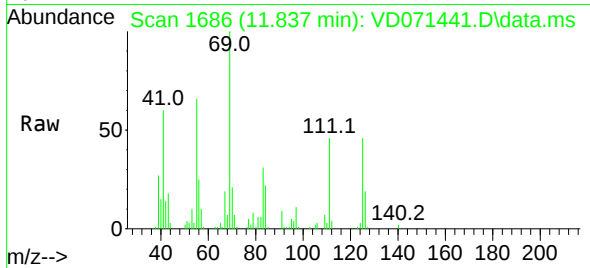




#68
m/p-Xylenes
Concen: 22.976 ug/l
RT: 11.837 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

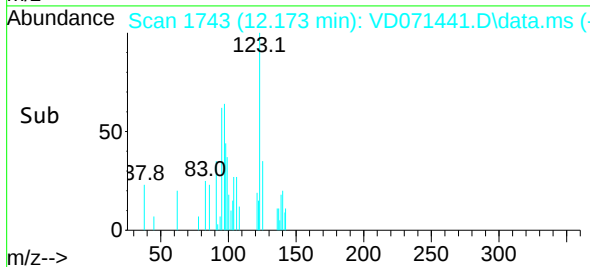
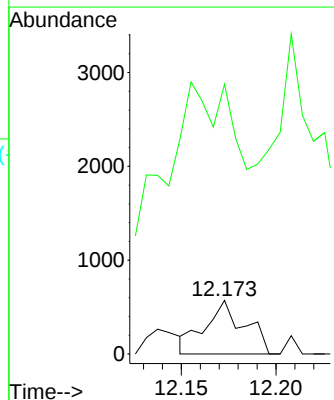
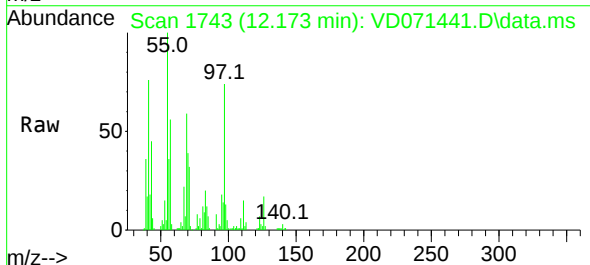
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

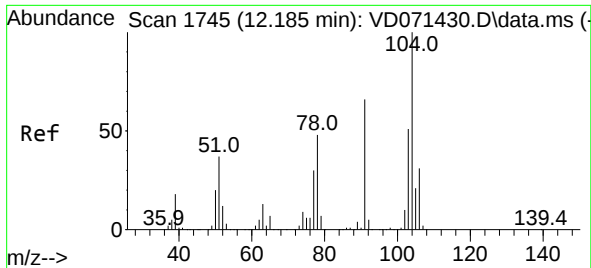
Tgt Ion:106 Resp: 1021
Ion Ratio Lower Upper
106 100
91 683.7 160.1 240.1#



#69
o-Xylene
Concen: 20.212 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:106 Resp: 821
Ion Ratio Lower Upper
106 100
91 470.0 106.3 319.0#

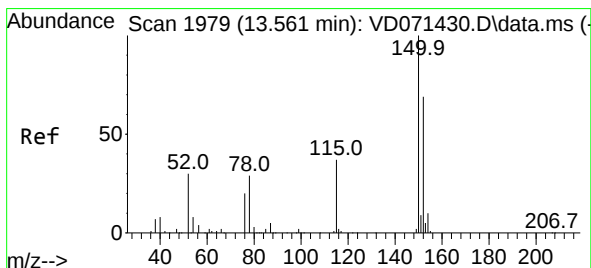
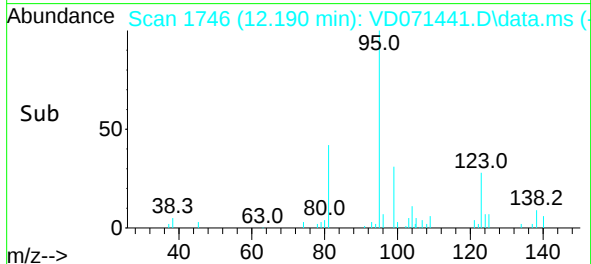
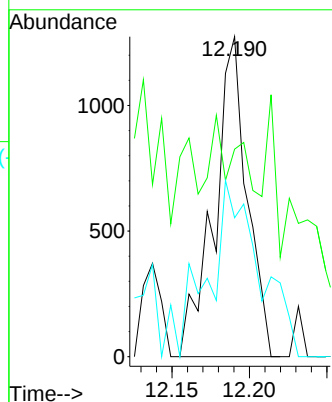
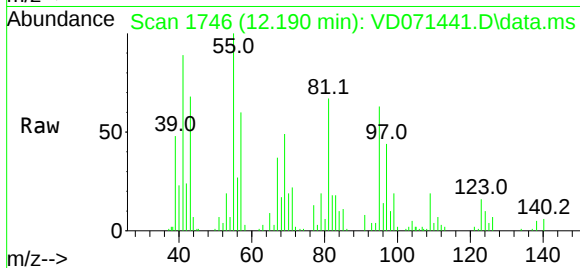




#70
Styrene
Concen: 26.486 ug/l
RT: 12.190 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

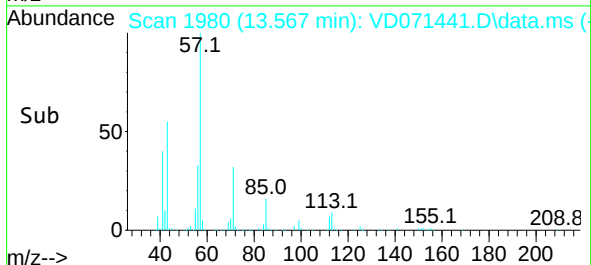
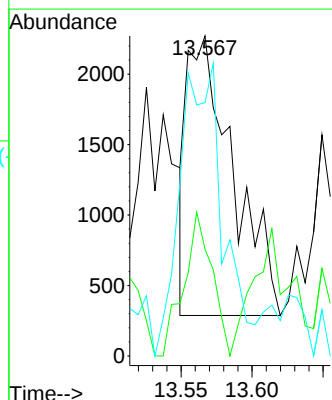
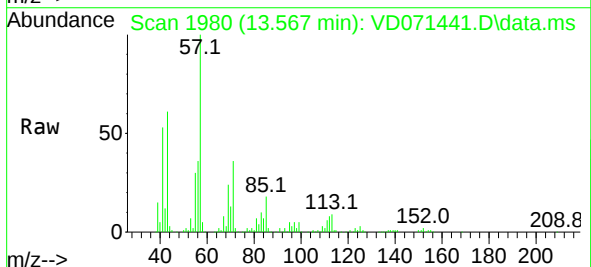
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

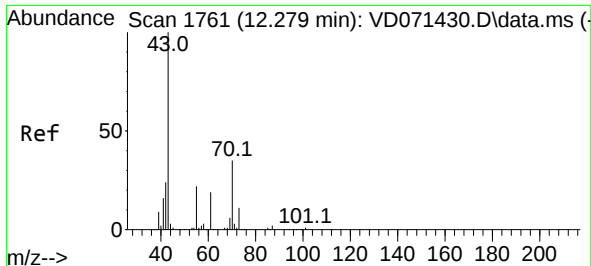
Tgt Ion:104 Resp: 1869
Ion Ratio Lower Upper
104 100
78 0.0 39.4 59.0#
103 84.1 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:152 Resp: 4481
Ion Ratio Lower Upper
152 100
115 31.4 29.8 89.3
150 96.3 0.0 349.2

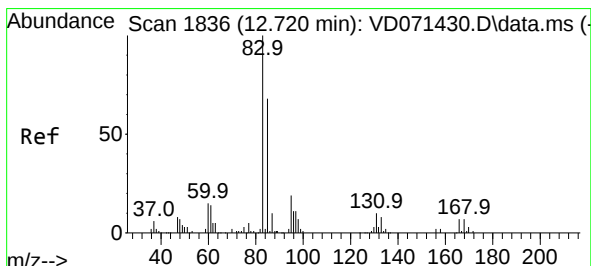
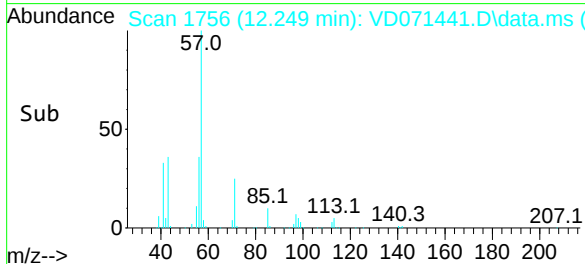
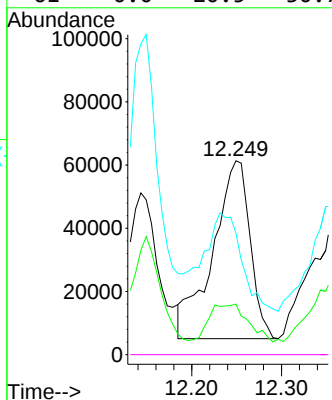
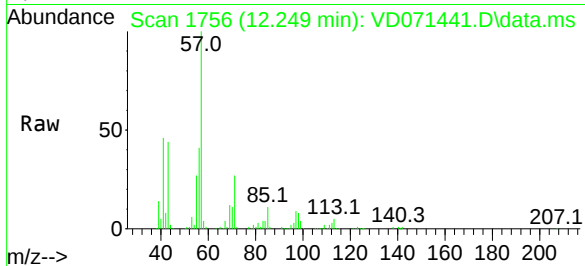




#74
N-amy1 acetate
Concen: 1751.698 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.030 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

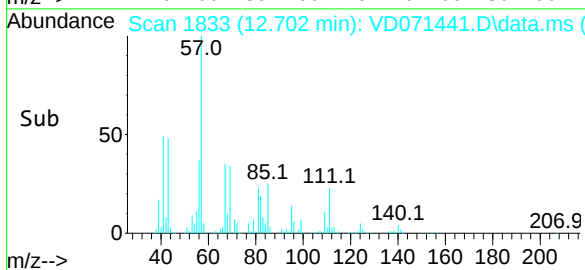
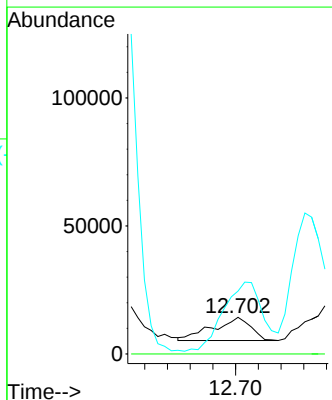
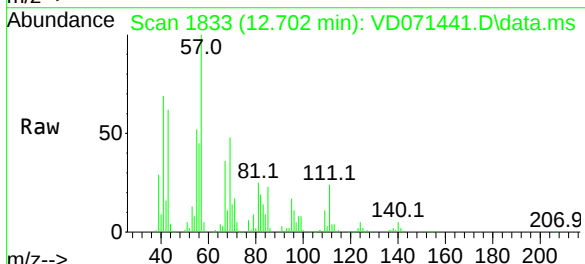
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

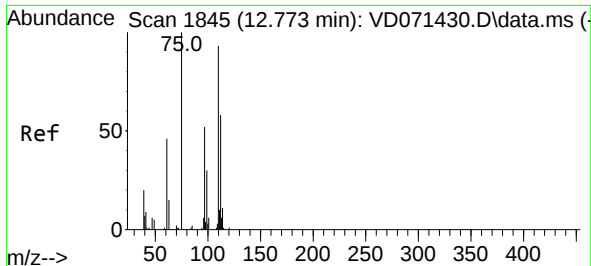
Tgt Ion: 43	Resp: 162358
Ion Ratio	Lower Upper
43 100	
70 22.0	36.6 55.0#
55 54.7	22.5 33.7#
61 0.0	20.5 30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 336.689 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 83	Resp: 21029
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 312.4	32.0 96.2#

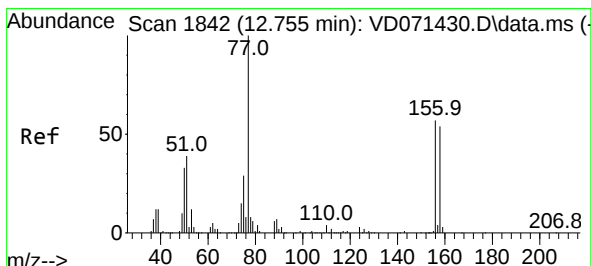
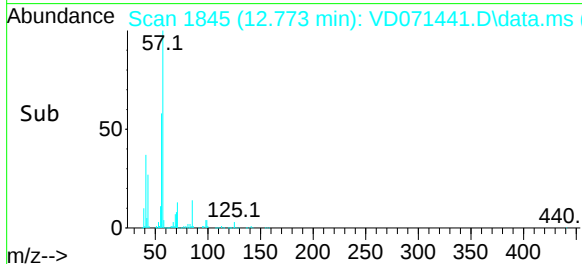
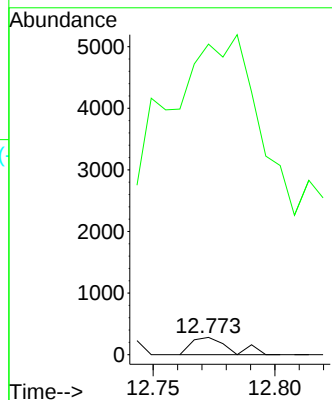
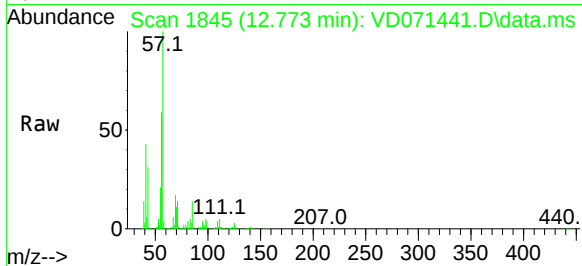




#76
1,2,3-Trichloropropane
Concen: 5.710 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

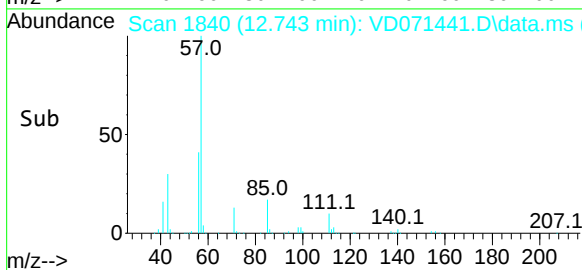
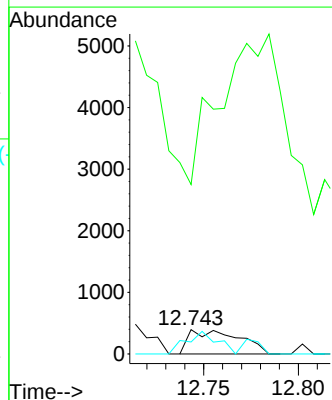
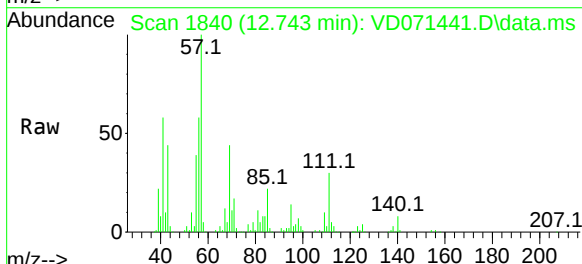
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

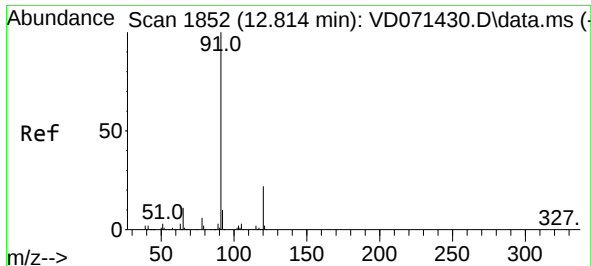
Tgt Ion: 75 Resp: 304
Ion Ratio Lower Upper
75 100
77 3712.8 158.4 475.3#



#77
Bromobenzene
Concen: 9.366 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 156 Resp: 720
Ion Ratio Lower Upper
156 100
77 0.0 96.6 289.8#
158 58.2 49.1 147.4

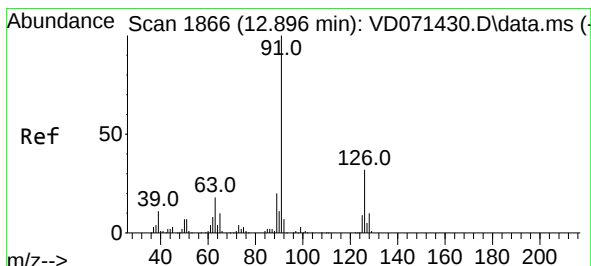
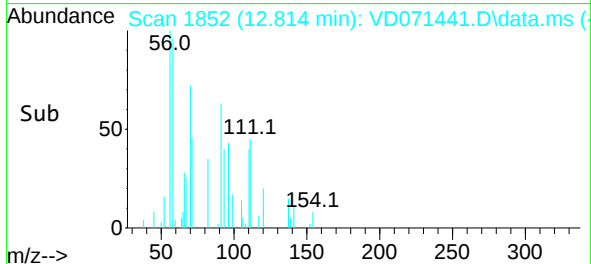
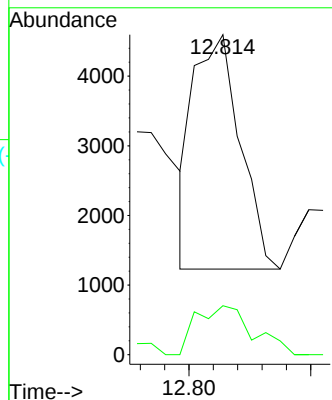
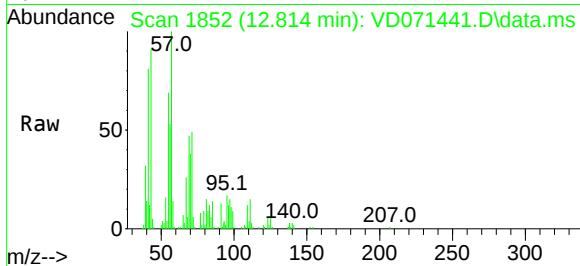




#78
n-propylbenzene
Concen: 10.348 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

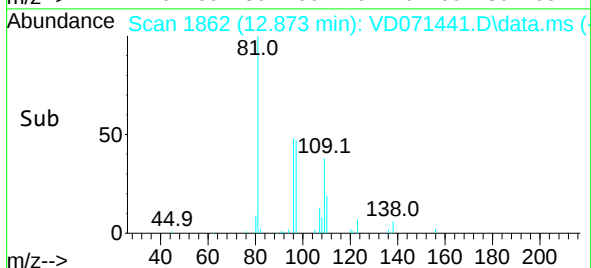
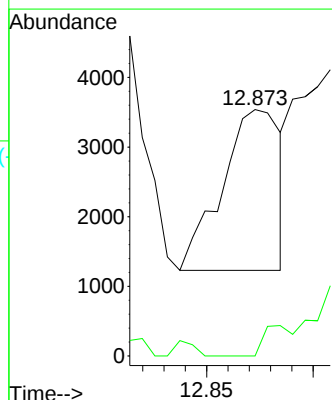
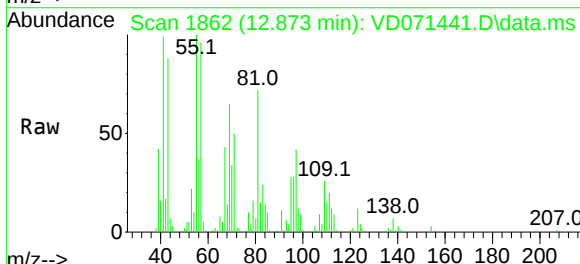
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

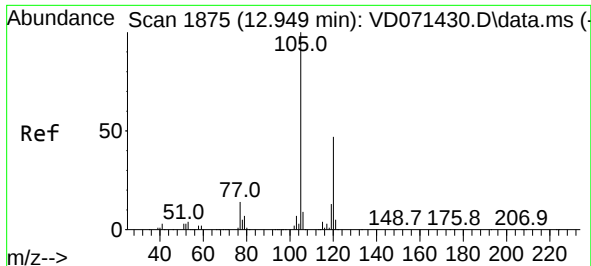
Tgt Ion: 91 Resp: 4481
Ion Ratio Lower Upper
91 100
120 25.2 10.9 32.9



#79
2-Chlorotoluene
Concen: 18.178 ug/l
RT: 12.873 min Scan# 1862
Delta R.T. -0.023 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 91 Resp: 4399
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#

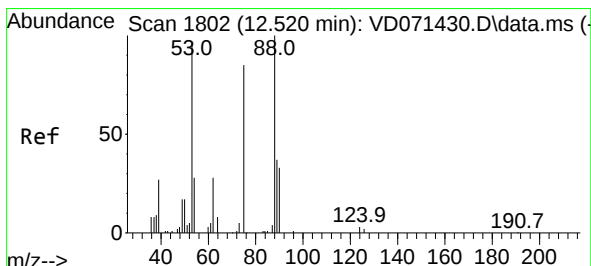
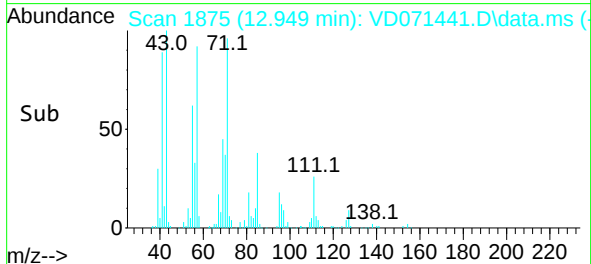
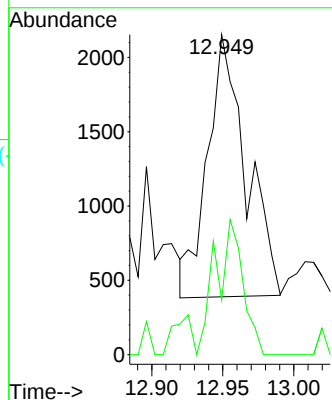
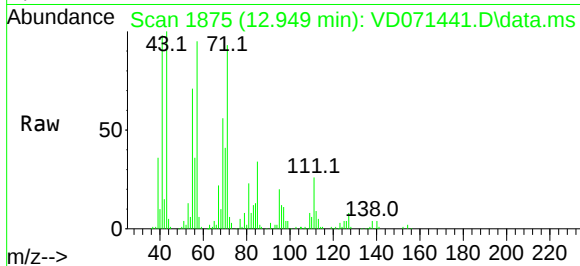




#80
 1,3,5-Trimethylbenzene
 Concen: 11.693 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

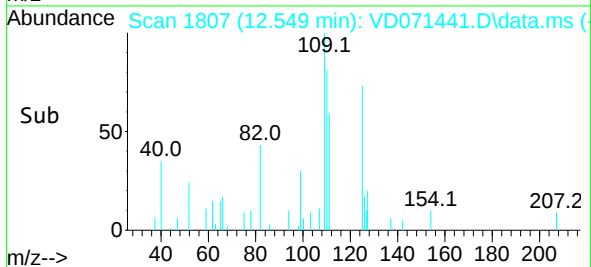
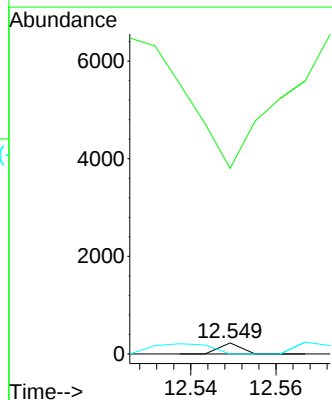
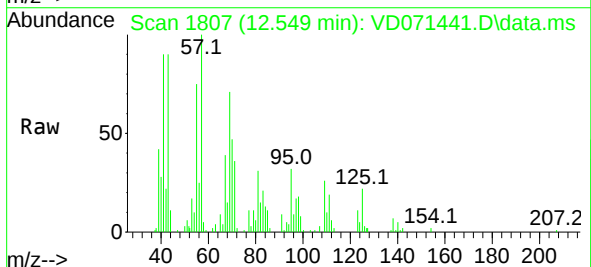
Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

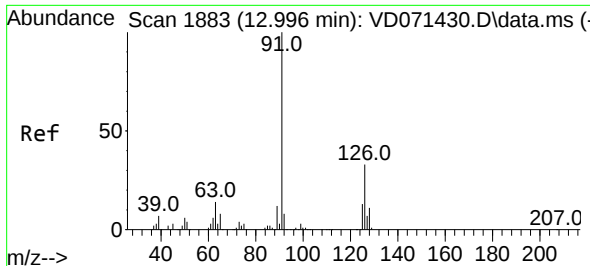
Tgt Ion:105 Resp: 3332
 Ion Ratio Lower Upper
 105 100
 120 36.5 24.6 73.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.246 ug/l
 RT: 12.549 min Scan# 1807
 Delta R.T. 0.029 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Tgt Ion: 75 Resp: 80
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 335.0 34.5 51.7#

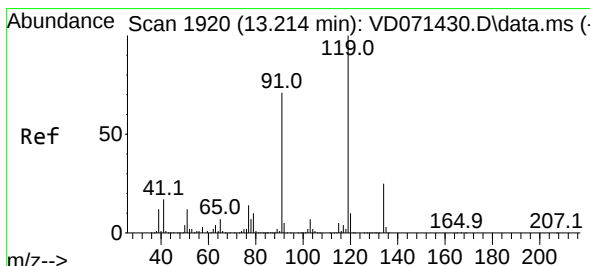
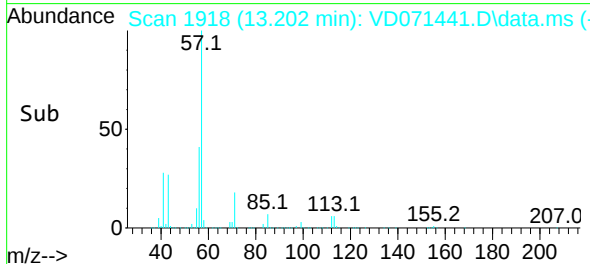
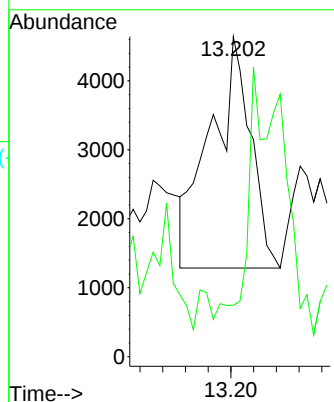
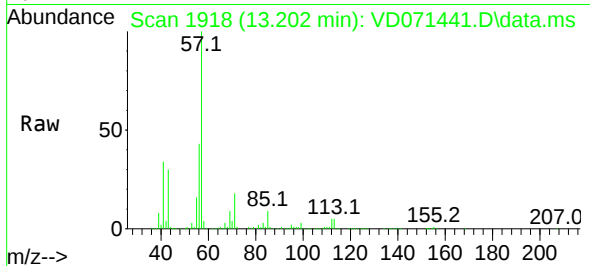




#82
4-Chlorotoluene
Concen: 33.006 ug/l
RT: 13.202 min Scan# 1918
Delta R.T. 0.206 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

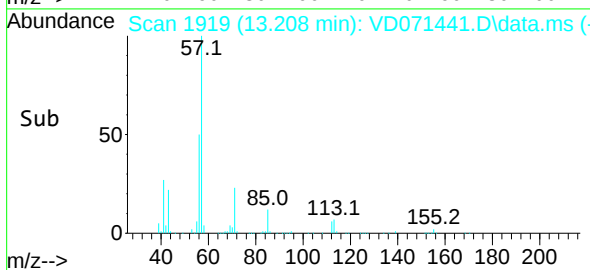
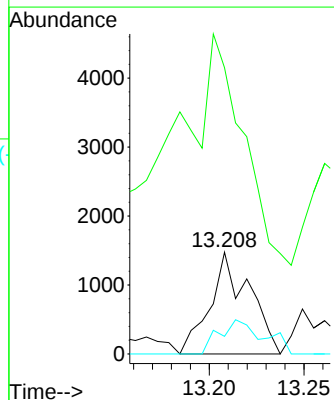
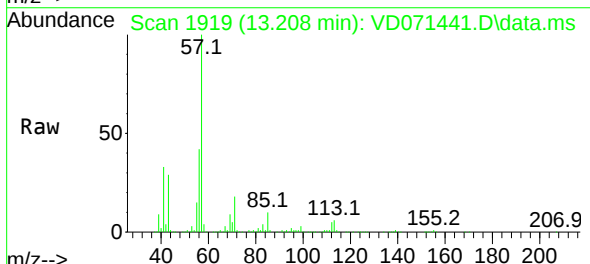
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

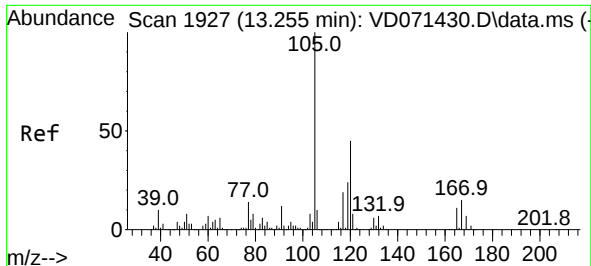
Tgt Ion: 91 Resp: 8285
Ion Ratio Lower Upper
91 100
126 38.7 16.4 49.1



#83
tert-Butylbenzene
Concen: 8.727 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 119 Resp: 2125
Ion Ratio Lower Upper
119 100
91 389.9 32.5 97.5#
134 37.6 13.2 39.6

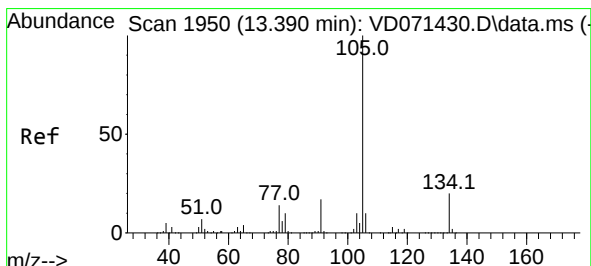
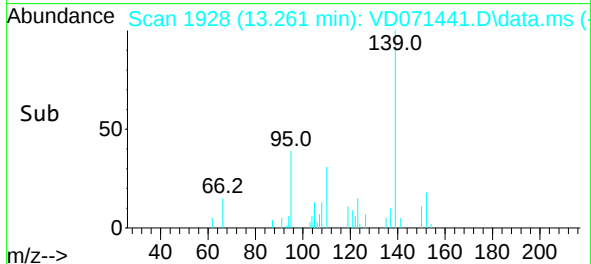
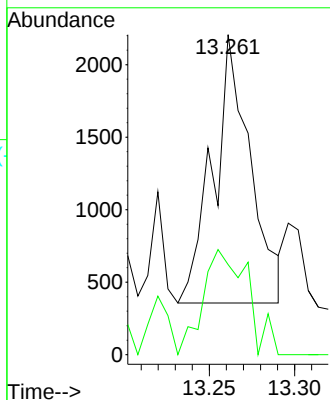
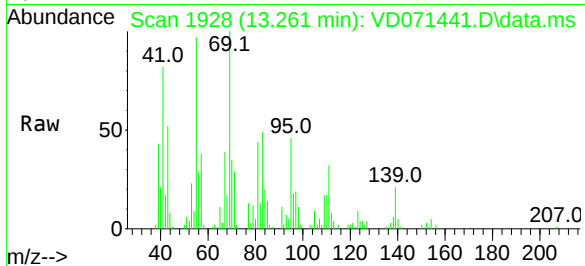




#84
1,2,4-Trimethylbenzene
Concen: 9.943 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

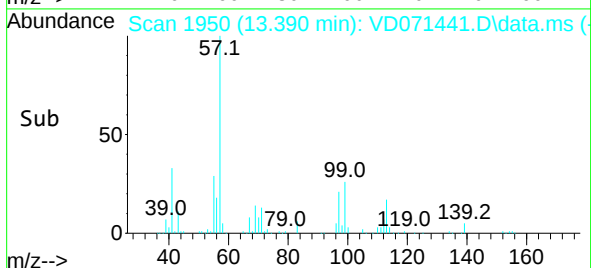
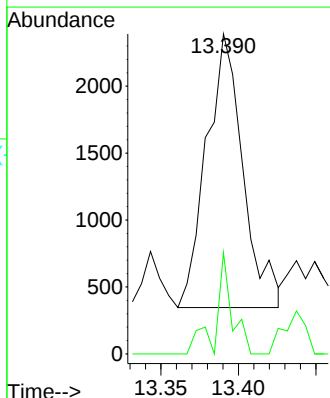
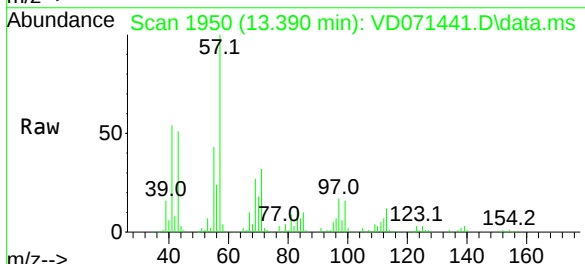
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

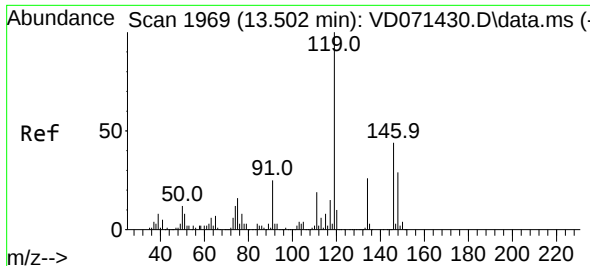
Tgt Ion:105 Resp: 2804
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.7



#85
sec-Butylbenzene
Concen: 9.044 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion:105 Resp: 3357
Ion Ratio Lower Upper
105 100
134 16.4 9.7 28.9

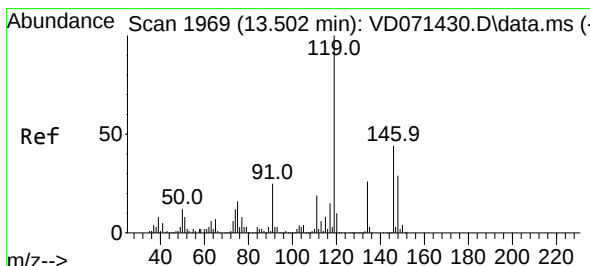
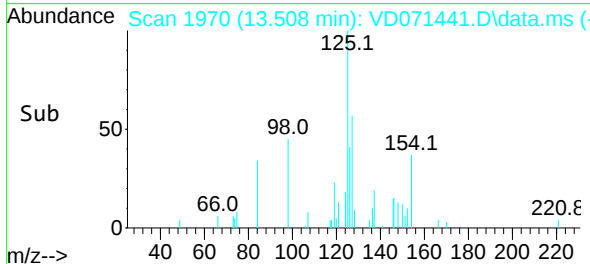
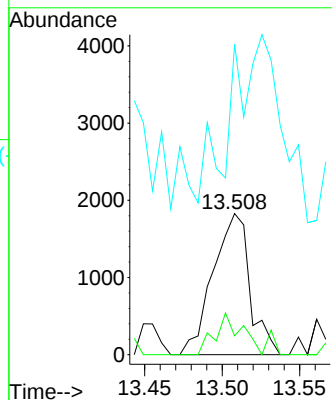
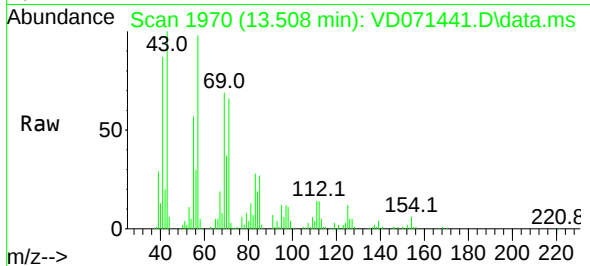




#86
 p-Isopropyltoluene
 Concen: 9.831 ug/l
 RT: 13.508 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

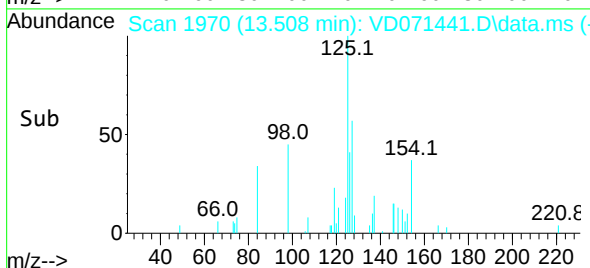
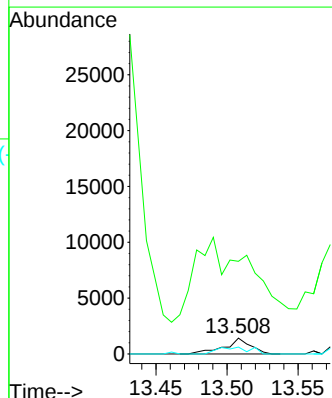
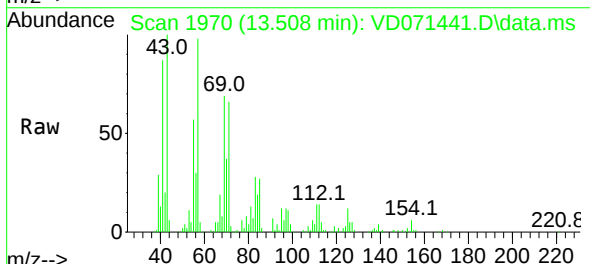
Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

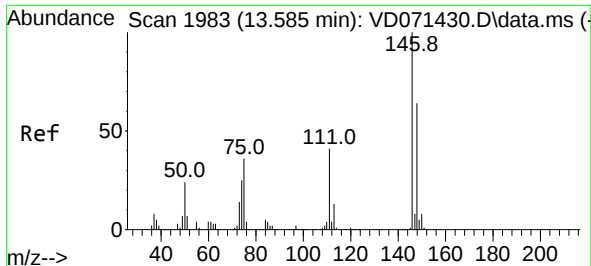
Tgt Ion:119 Resp: 3028
 Ion Ratio Lower Upper
 119 100
 134 21.3 13.0 38.9
 91 0.0 11.4 34.2#



#87
 1,3-Dichlorobenzene
 Concen: 11.659 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Tgt Ion:146 Resp: 1805
 Ion Ratio Lower Upper
 146 100
 111 760.6 19.8 59.4#
 148 52.9 32.1 96.3

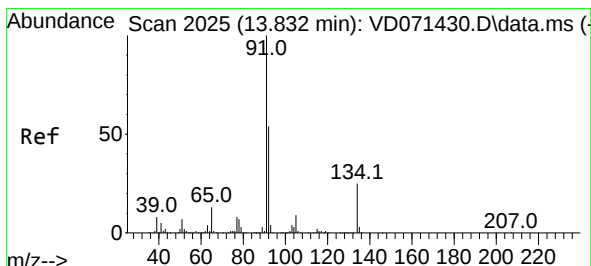
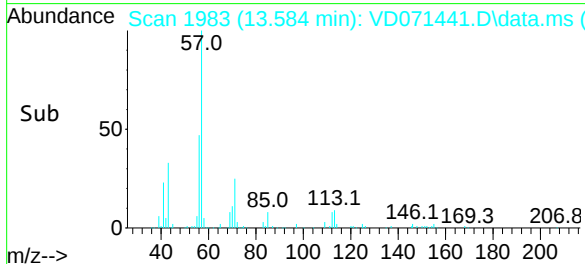
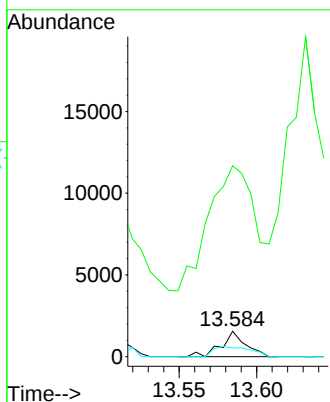
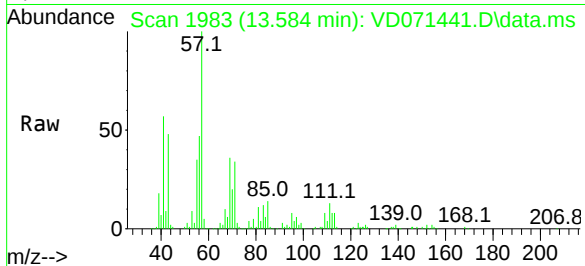




#88
1,4-Dichlorobenzene
Concen: 11.153 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.001 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

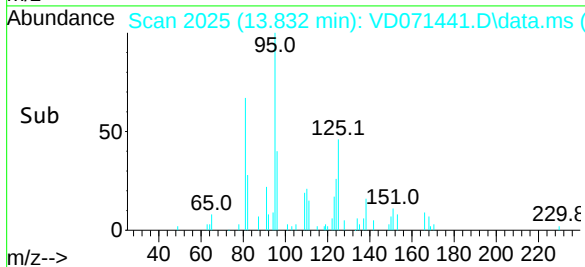
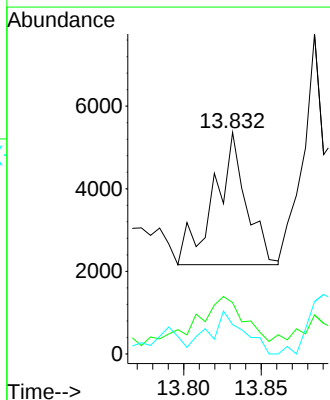
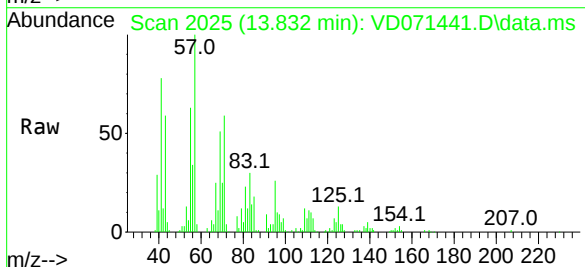
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

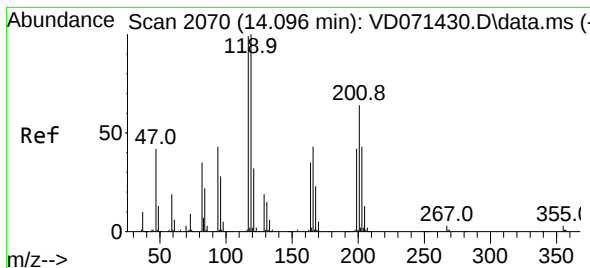
Tgt Ion:146 Resp: 1693
Ion Ratio Lower Upper
146 100
111 955.1 19.6 58.8#
148 60.2 31.5 94.5



#89
n-Butylbenzene
Concen: 15.289 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.001 min
Lab File: VD071441.D
Acq: 23 Dec 2021 14:25

Tgt Ion: 91 Resp: 4622
Ion Ratio Lower Upper
91 100
92 57.0 27.3 81.9
134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 3.496 ug/l

RT: 14.108 min Scan# 2070

Delta R.T. 0.012 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

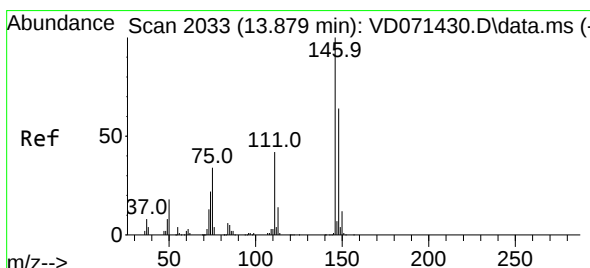
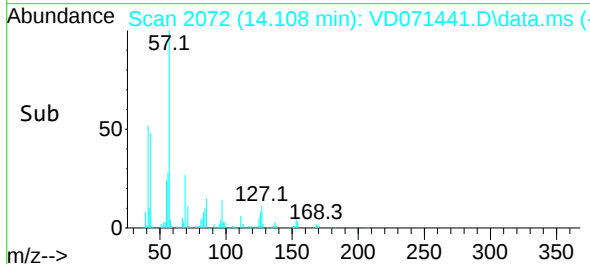
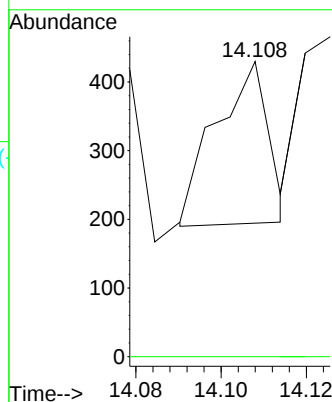
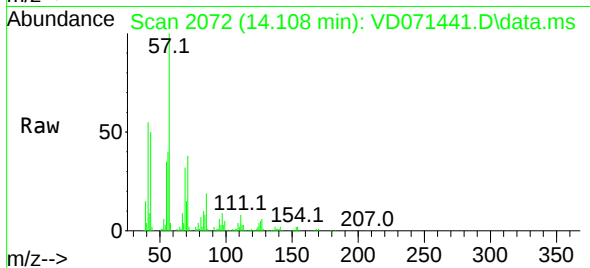
DA-2-4.5

Tgt Ion:117 Resp: 204

Ion Ratio Lower Upper

117 100

201 0.0 36.0 108.1#



#91

1,2-Dichlorobenzene

Concen: 9.247 ug/l

RT: 13.884 min Scan# 2034

Delta R.T. 0.011 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

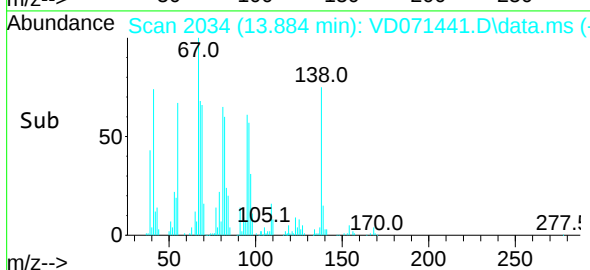
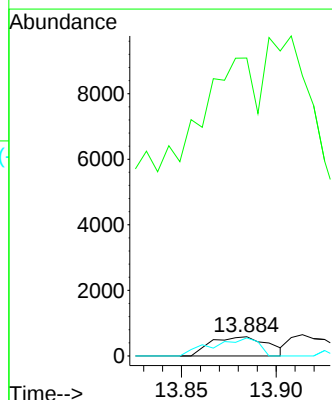
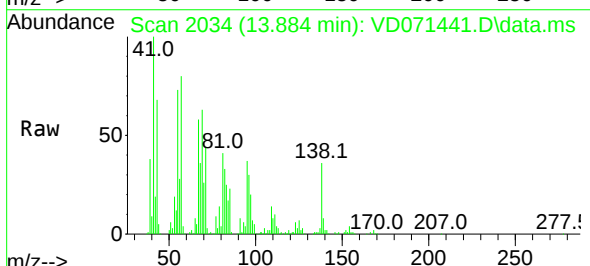
Tgt Ion:146 Resp: 1215

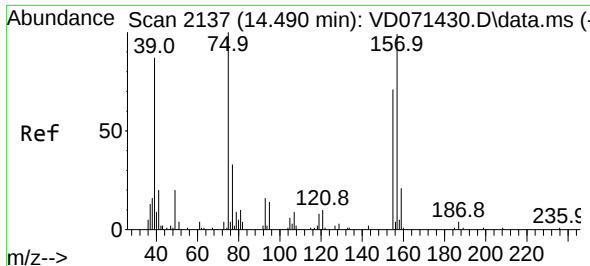
Ion Ratio Lower Upper

146 100

111 476.9 20.8 62.2#

148 75.9 31.7 95.1

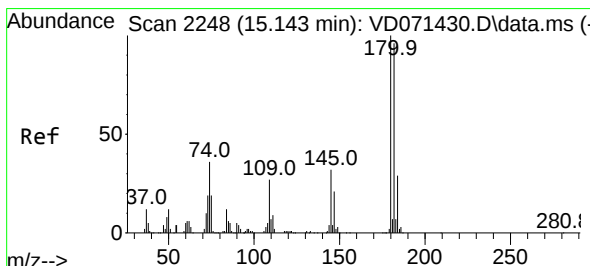
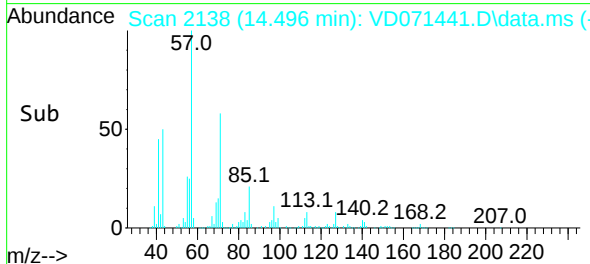
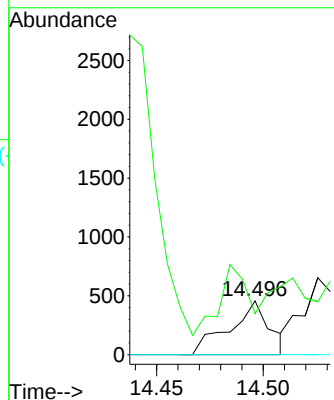
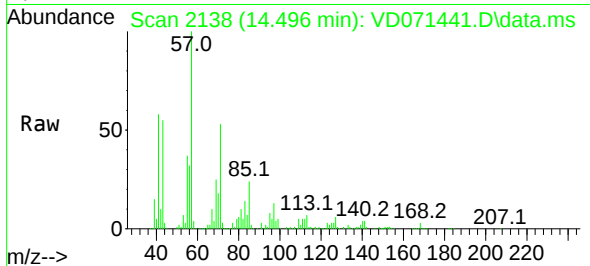




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.302 ug/l
 RT: 14.496 min Scan# 2137
 Delta R.T. 0.006 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

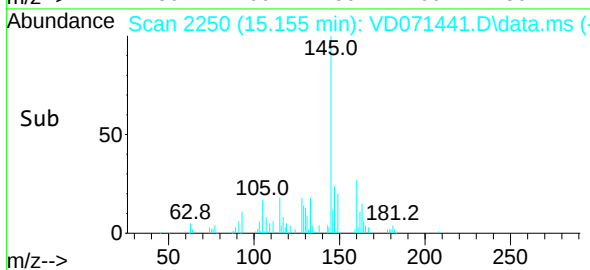
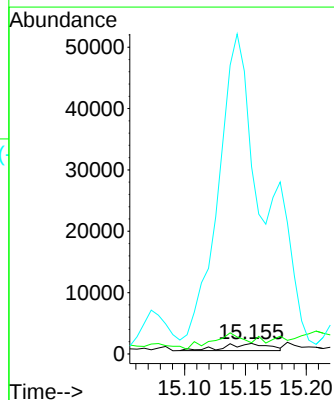
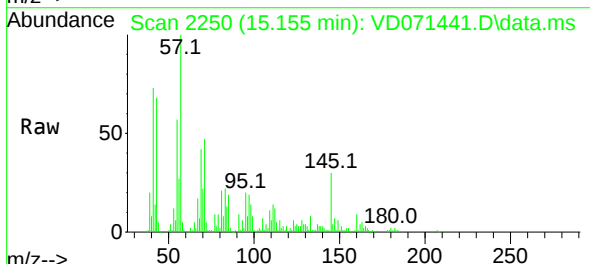
Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

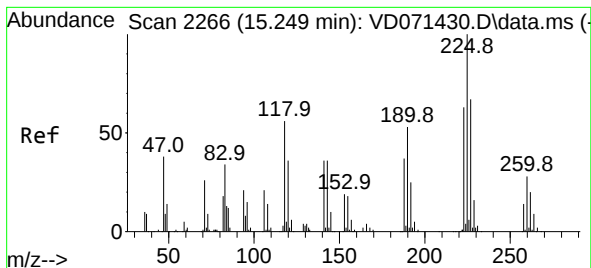
Tgt Ion: 75 Resp: 599
 Ion Ratio Lower Upper
 75 100
 155 93.2 40.0 120.0
 157 0.0 49.8 149.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 35.382 ug/l
 RT: 15.155 min Scan# 2250
 Delta R.T. 0.012 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Tgt Ion:180 Resp: 2833
 Ion Ratio Lower Upper
 180 100
 182 168.9 48.2 144.6#
 145 3552.3 15.4 46.2#





#94

Hexachlorobutadiene

Concen: 4.476 ug/l

RT: 15.249 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

Instrument :

MSVOA_D

ClientSampleId :

DA-2-4.5

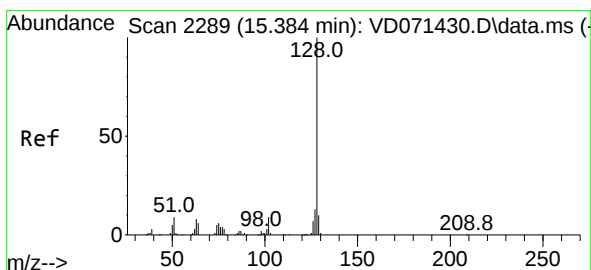
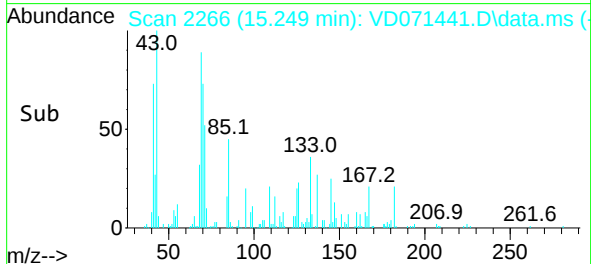
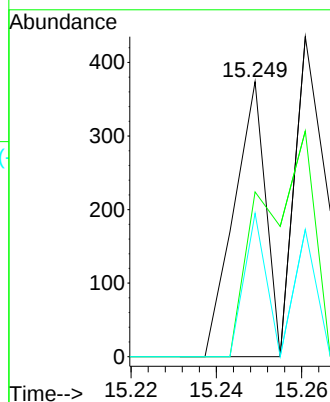
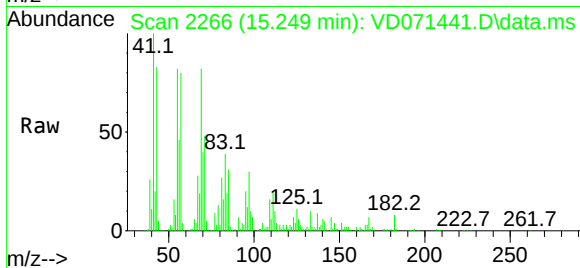
Tgt Ion:225 Resp: 192

Ion Ratio Lower Upper

225 100

223 0.0 31.8 95.3#

227 67.7 31.6 94.8



#95

Naphthalene

Concen: 144.483 ug/l

RT: 15.355 min Scan# 2284

Delta R.T. -0.024 min

Lab File: VD071441.D

Acq: 23 Dec 2021 14:25

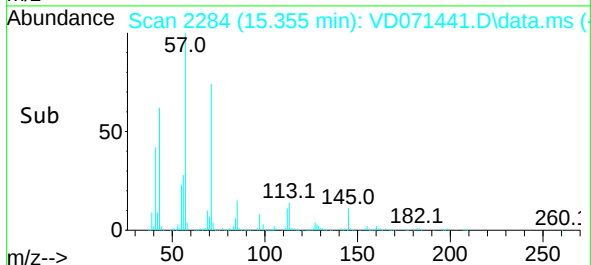
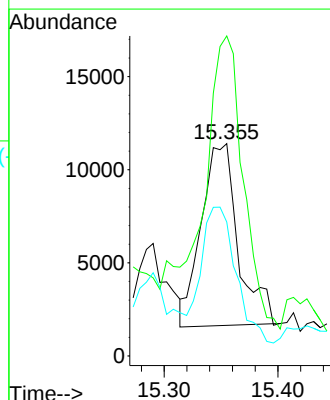
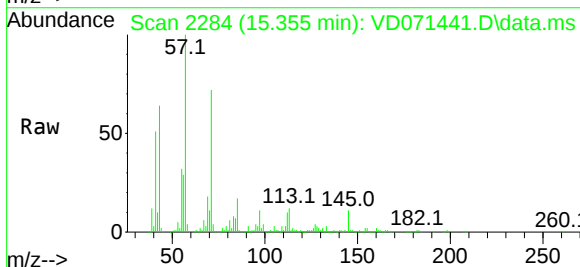
Tgt Ion:128 Resp: 22020

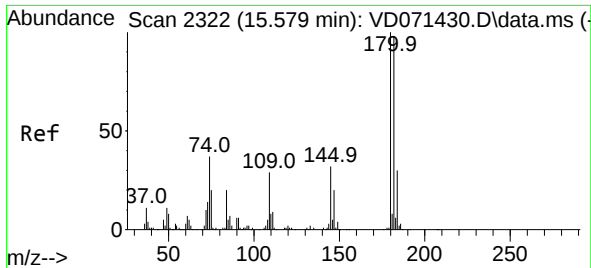
Ion Ratio Lower Upper

128 100

127 180.3 10.7 16.1#

129 70.4 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 44.734 ug/l
 RT: 15.614 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: VD071441.D
 Acq: 23 Dec 2021 14:25

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

Tgt Ion:180 Resp: 3098
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 0.0 15.9 47.6#

