

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073052.D
 Acq On : 17 May 2022 10:19
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: May 17 12:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 11:58:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	283985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	490230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17805	4.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.680%#
35) Dibromofluoromethane	7.908	113	16891	4.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.740%#
50) Toluene-d8	10.332	98	57063	4.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.140%#
62) 4-Bromofluorobenzene	12.626	95	20422	4.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.840%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	19301	5.123	ug/l	98
3) Chloromethane	2.209	50	18017	4.541	ug/l	99
4) Vinyl Chloride	2.350	62	15892	4.476	ug/l	95
5) Bromomethane	2.768	94	13169	4.945	ug/l	97
6) Chloroethane	2.921	64	10363	4.651	ug/l	97
7) Trichlorofluoromethane	3.268	101	31079	4.952	ug/l	96
8) Diethyl Ether	3.703	74	6678	3.688	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	18755	5.035	ug/l	96
10) Methyl Iodide	4.297	142	13624	3.622	ug/l	99
11) Tert butyl alcohol	5.185	59	22780	69.372	ug/l #	77
12) 1,1-Dichloroethene	4.067	96	15242	4.533	ug/l	91
13) Acrolein	3.920	56	3016	Below Cal		99
14) Allyl chloride	4.709	41	22167	4.090	ug/l	95
15) Acrylonitrile	5.420	53	17847	20.667	ug/l	97
16) Acetone	4.150	43	15859	22.932	ug/l	90
17) Carbon Disulfide	4.409	76	52382	4.906	ug/l	96
18) Methyl Acetate	4.715	43	14208	8.099	ug/l #	90
19) Methyl tert-butyl Ether	5.467	73	31266	3.873	ug/l	93
20) Methylene Chloride	4.956	84	27403	1.033	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	17843	4.593	ug/l #	72
22) Diisopropyl ether	6.362	45	44479	3.729	ug/l #	93
23) Vinyl Acetate	6.297	43	101489	15.406	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	32469	4.507	ug/l	96
25) 2-Butanone	7.209	43	21836	20.878	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	28206	4.662	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	19130	4.302	ug/l	96
28) Bromochloromethane	7.538	49	12146	4.611	ug/l #	83
29) Tetrahydrofuran	7.561	42	11876	17.574	ug/l #	90
30) Chloroform	7.708	83	36093	4.723	ug/l	90
31) Cyclohexane	7.979	56	30881	4.888	ug/l #	62
32) 1,1,1-Trichloroethane	7.897	97	30566	4.708	ug/l	97
36) 1,1-Dichloropropene	8.103	75	25462	4.613	ug/l	99
37) Ethyl Acetate	7.285	43	9528	3.773	ug/l #	91
38) Carbon Tetrachloride	8.091	117	25284	4.402	ug/l	96
39) Methylcyclohexane	9.350	83	26092	4.057	ug/l	95
40) Benzene	8.344	78	70987	4.420	ug/l	95

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Tue May 17 11:58:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	6243	4.213	ug/l	95
42) 1,2-Dichloroethane	8.426	62	21915	4.540	ug/l	93
43) Isopropyl Acetate	8.444	43	17669	3.790	ug/l #	92
44) Trichloroethene	9.103	130	20400	4.765	ug/l	96
45) 1,2-Dichloropropane	9.379	63	19252	4.580	ug/l	97
46) Dibromomethane	9.467	93	10412	4.479	ug/l	96
47) Bromodichloromethane	9.655	83	28607	4.799	ug/l	93
48) Methyl methacrylate	9.444	41	7524	3.283	ug/l #	74
49) 1,4-Dioxane	9.461	88	1903	72.574	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	45285	18.623	ug/l	96
52) Toluene	10.397	92	43935	4.389	ug/l	94
53) t-1,3-Dichloropropene	10.614	75	22322	4.081	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	26065	4.085	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	15068	4.791	ug/l #	82
56) Ethyl methacrylate	10.655	69	13062	3.554	ug/l	91
57) 1,3-Dichloropropane	10.938	76	24026	4.444	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	29698	16.786	ug/l	96
59) 2-Hexanone	10.973	43	28924	17.889	ug/l	97
60) Dibromochloromethane	11.132	129	18225	4.601	ug/l	95
61) 1,2-Dibromoethane	11.232	107	14220	4.666	ug/l	91
64) Tetrachloroethene	10.867	164	16295	4.585	ug/l	93
65) Chlorobenzene	11.661	112	49110	4.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	20299	4.826	ug/l	96
67) Ethyl Benzene	11.732	91	78107	4.022	ug/l	95
68) m/p-Xylenes	11.849	106	58105	7.787	ug/l	98
69) o-Xylene	12.167	106	25662	3.682	ug/l	99
70) Styrene	12.185	104	45529	3.756	ug/l	94
71) Bromoform	12.349	173	9892	4.318	ug/l #	97
73) Isopropylbenzene	12.467	105	67300	3.712	ug/l	99
74) N-amyl acetate	12.273	43	16055	3.570	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	15792	4.287	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	18942	7.294	ug/l #	100
77) Bromobenzene	12.749	156	18449	4.262	ug/l	94
78) n-propylbenzene	12.808	91	85580	3.747	ug/l	98
79) 2-Chlorotoluene	12.891	91	53920	4.028	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	56629	3.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	4664	4.116	ug/l	88
82) 4-Chlorotoluene	12.991	91	57278	4.098	ug/l	100
83) tert-Butylbenzene	13.208	119	47612	3.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	57117	3.711	ug/l	96
85) sec-Butylbenzene	13.385	105	74910	3.807	ug/l	98
86) p-Isopropyltoluene	13.502	119	58508	3.622	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	38830	4.435	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	39535	4.545	ug/l	93
89) n-Butylbenzene	13.826	91	59318	3.795	ug/l	98
90) Hexachloroethane	14.096	117	14778	4.455	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	33968	4.468	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.485	75	2230	3.844	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	17632	3.943	ug/l	99
94) Hexachlorobutadiene	15.243	225	10689	4.366	ug/l	99
95) Naphthalene	15.385	128	26258	3.198	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	15578	3.933	ug/l	99

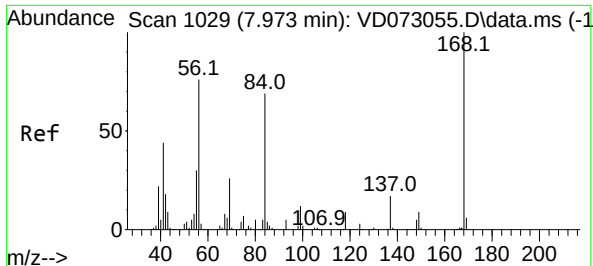
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
Data File : VD073052.D
Acq On : 17 May 2022 10:19
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Sample : VSTDICC005
Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Tue May 17 11:58:55 2022
Response via : Initial Calibration

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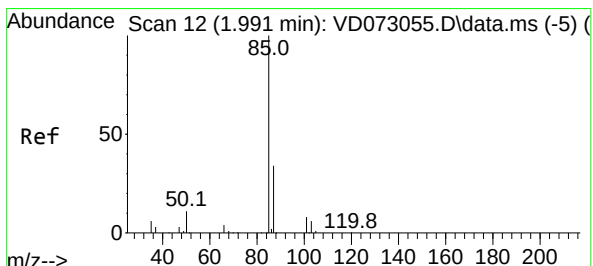
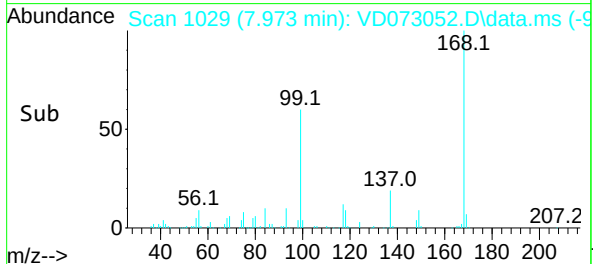
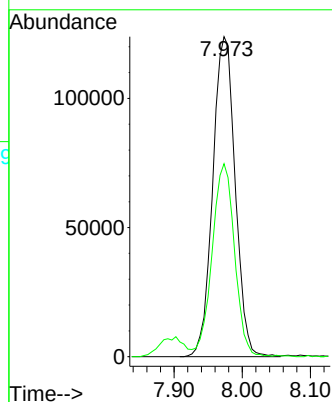
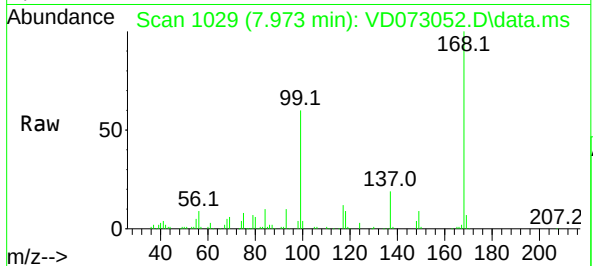
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073052.D
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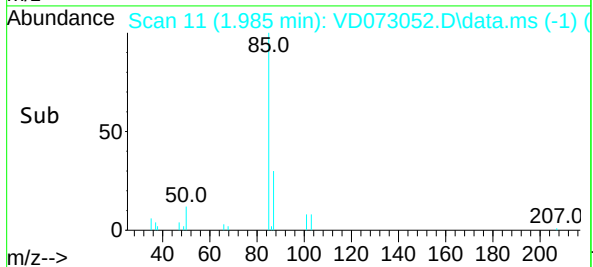
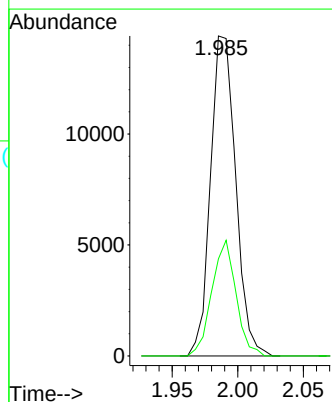
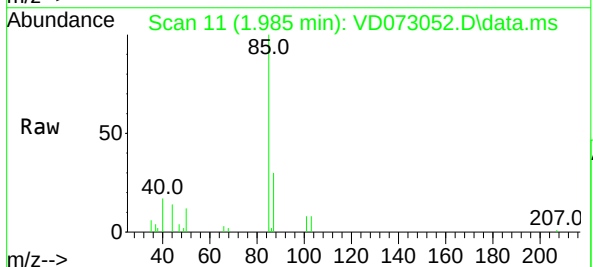
Instrument :
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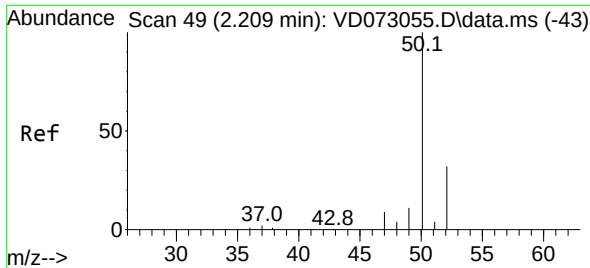
Tgt Ion:168 Resp: 283985
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 5.123 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 85 Resp: 19301
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.0

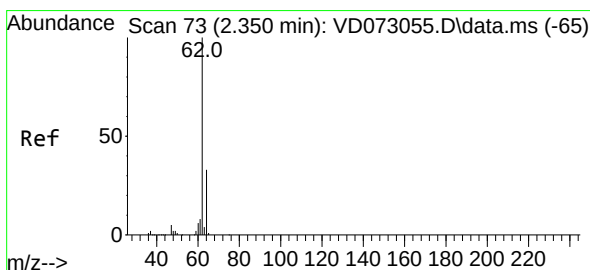
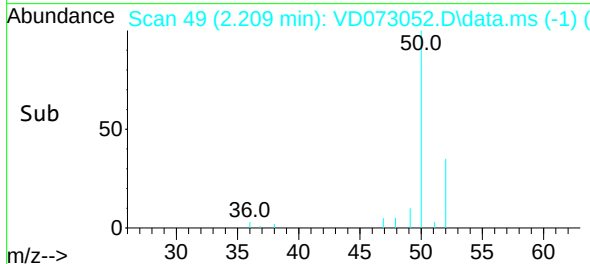
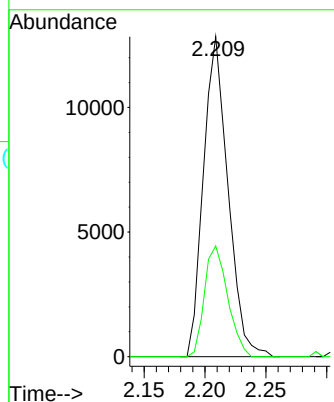
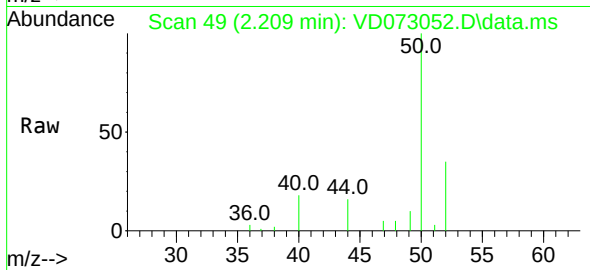




#3
Chloromethane
Concen: 4.541 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

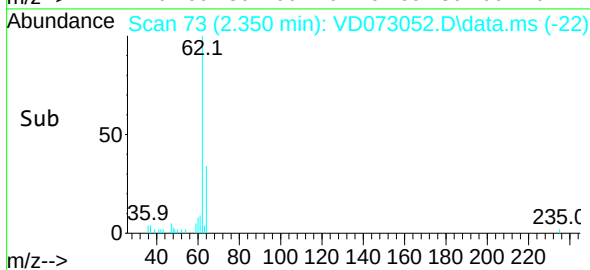
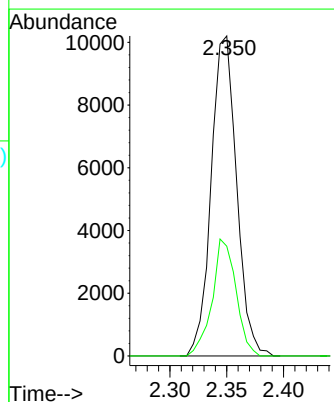
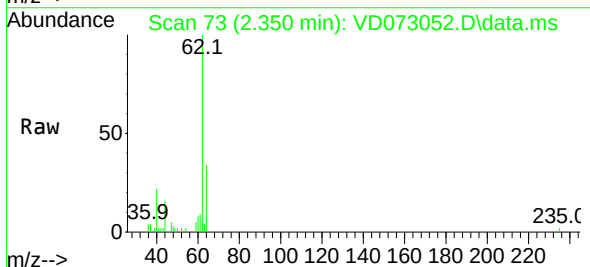
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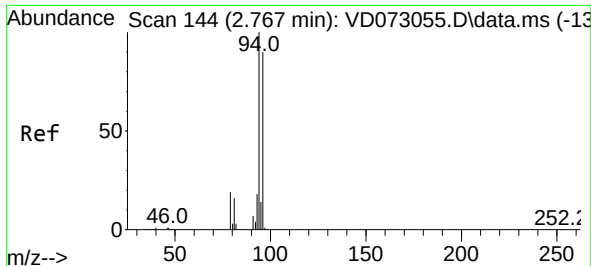
Tgt Ion: 50 Resp: 18017
Ion Ratio Lower Upper
50 100
52 34.6 27.4 41.0



#4
Vinyl Chloride
Concen: 4.476 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 62 Resp: 15892
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0

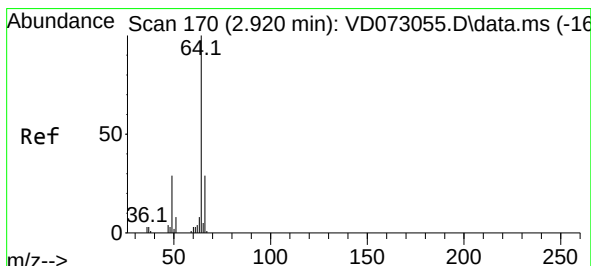
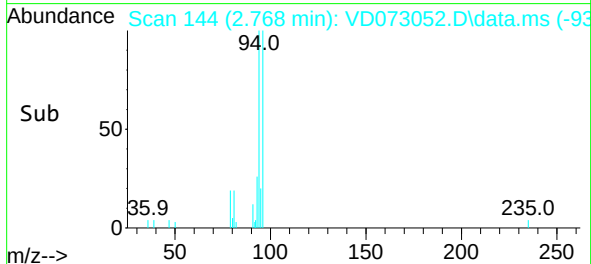
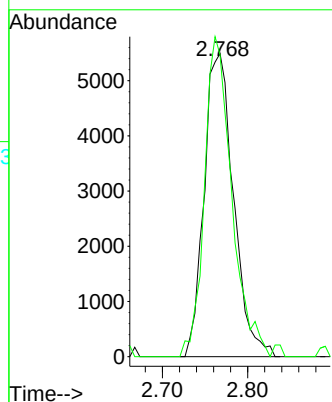
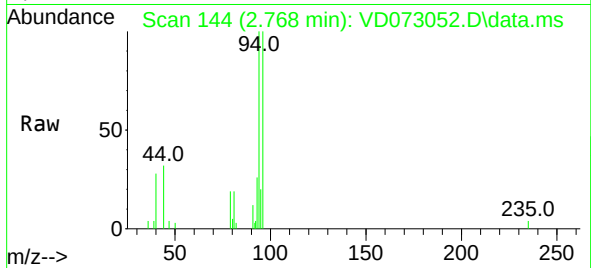




#5
Bromomethane
Concen: 4.945 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

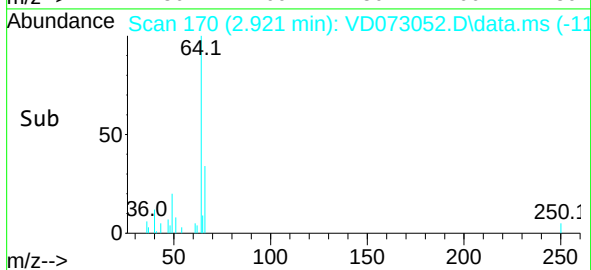
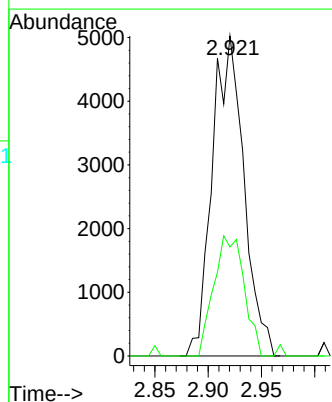
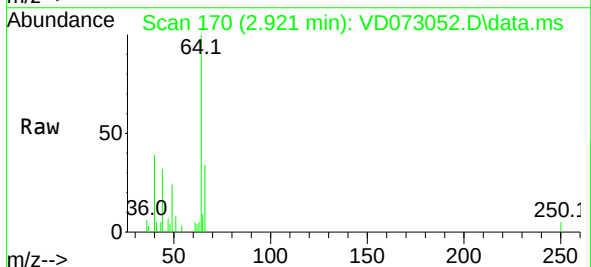
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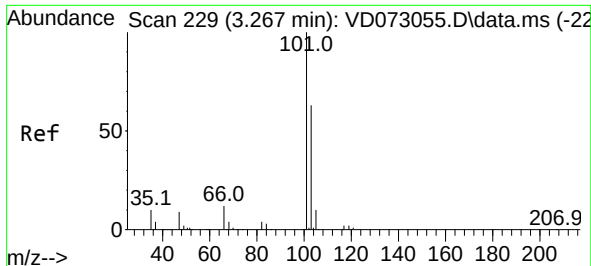
Tgt Ion: 94 Resp: 13169
Ion Ratio Lower Upper
94 100
96 99.5 77.6 116.4



#6
Chloroethane
Concen: 4.651 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 64 Resp: 10363
Ion Ratio Lower Upper
64 100
66 34.1 25.9 38.9

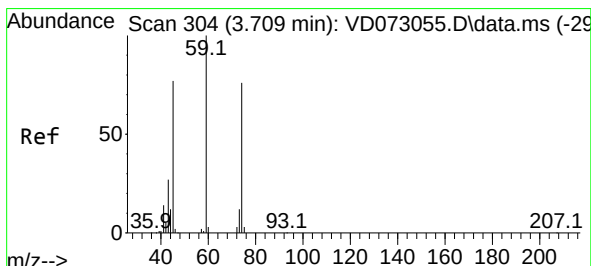
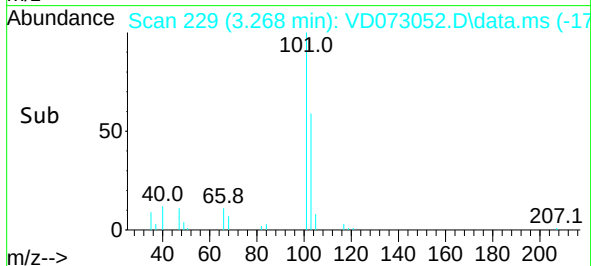
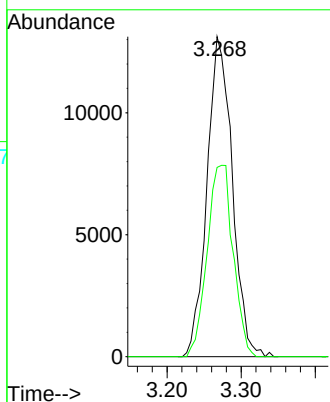
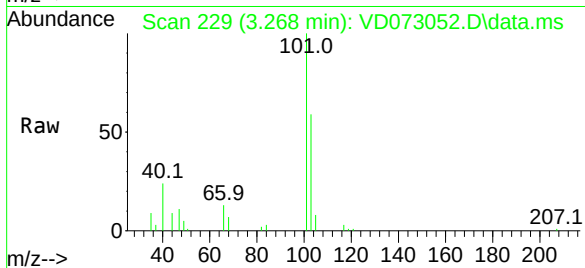




#7
 Trichlorofluoromethane
 Concen: 4.952 ug/l
 RT: 3.268 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

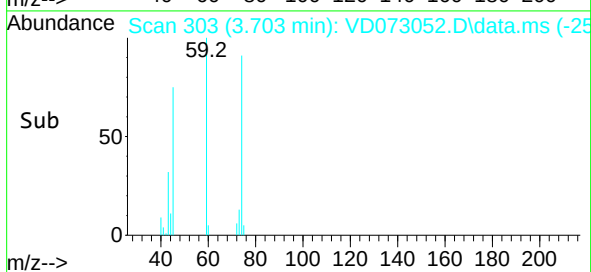
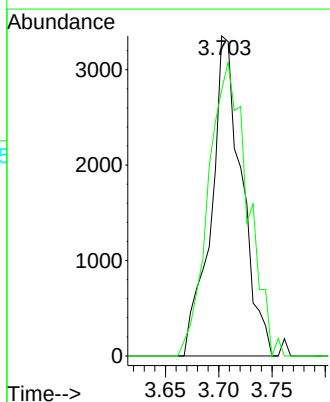
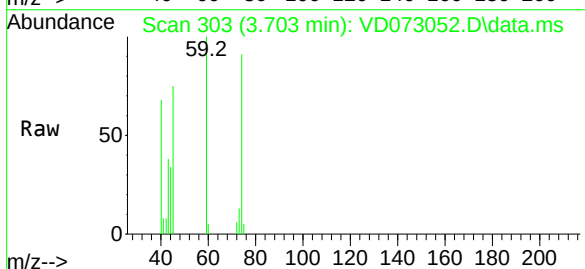
Instrument :
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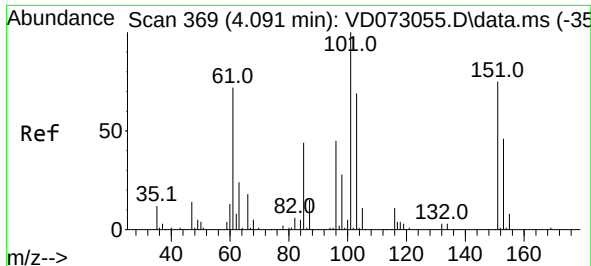
Tgt Ion:101 Resp: 31079
 Ion Ratio Lower Upper
 101 100
 103 59.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 3.688 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

Tgt Ion: 74 Resp: 6678
 Ion Ratio Lower Upper
 74 100
 45 117.6 52.6 157.8

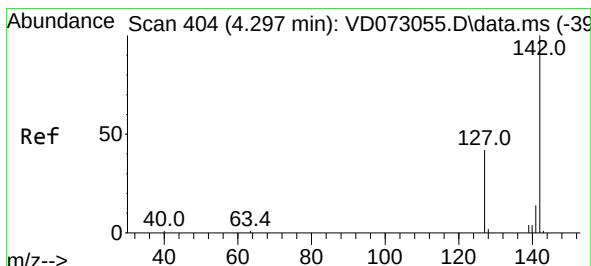
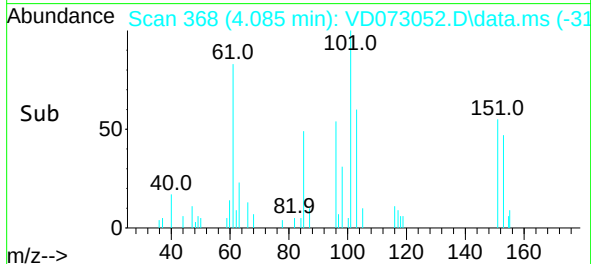
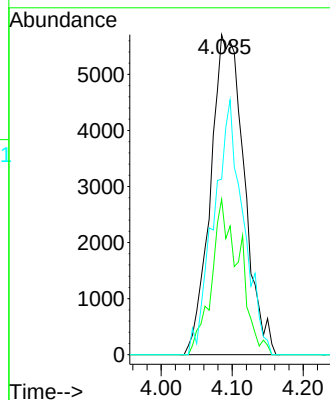
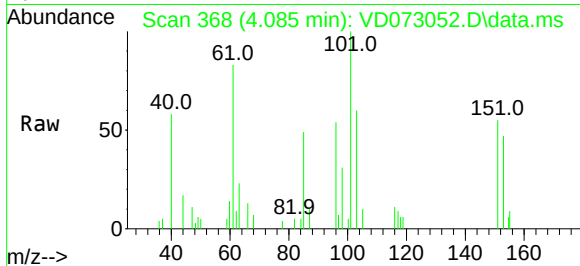




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.035 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

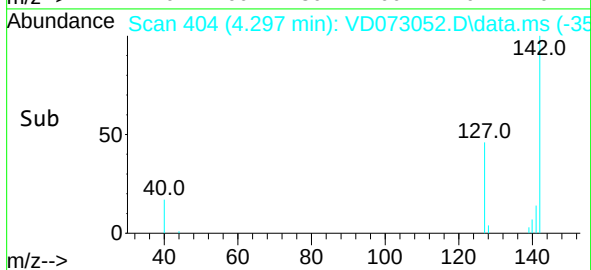
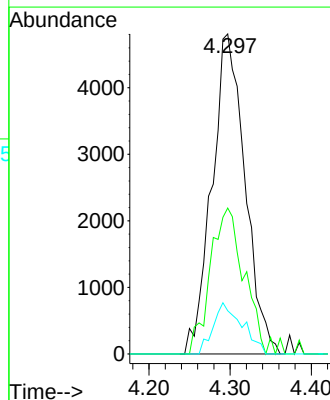
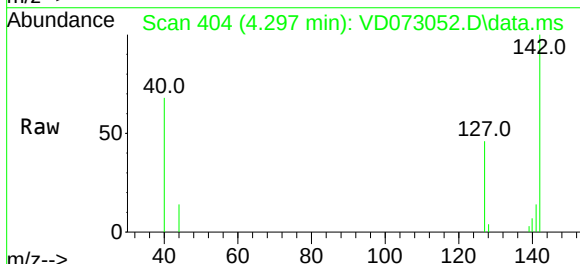
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

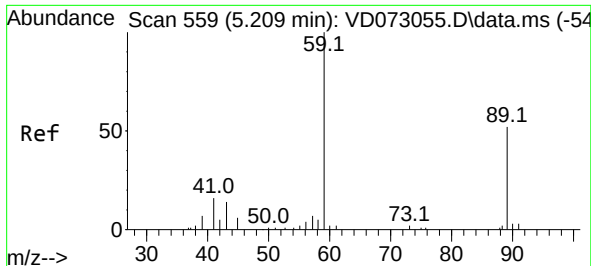
Tgt Ion:101 Resp: 18755
Ion Ratio Lower Upper
101 100
85 40.7 36.4 54.6
151 69.9 57.3 85.9



#10
Methyl Iodide
Concen: 3.622 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion:142 Resp: 13624
Ion Ratio Lower Upper
142 100
127 46.2 37.3 55.9
141 14.0 11.7 17.5





#11

Tert butyl alcohol

Concen: 69.372 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.023 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

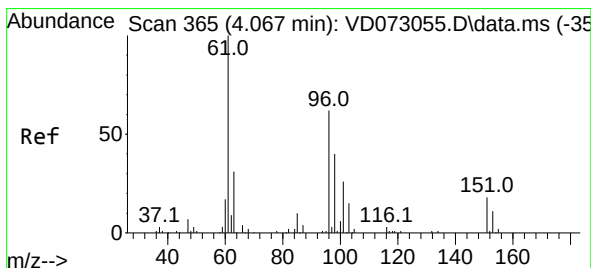
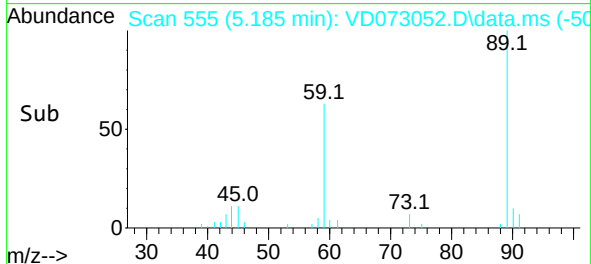
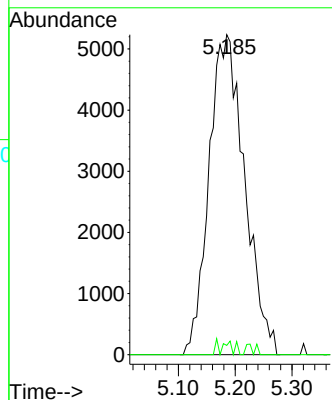
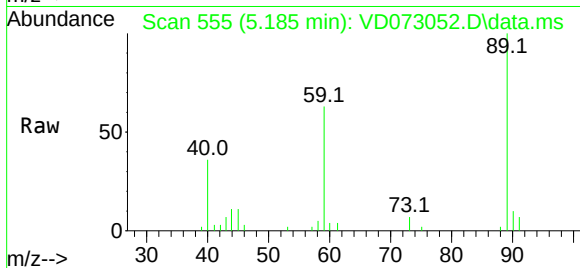
VSTDIC005

Tgt Ion: 59 Resp: 22780

Ion Ratio Lower Upper

59 100

57 1.2 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 4.533 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

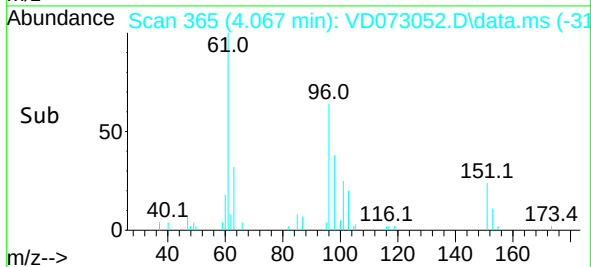
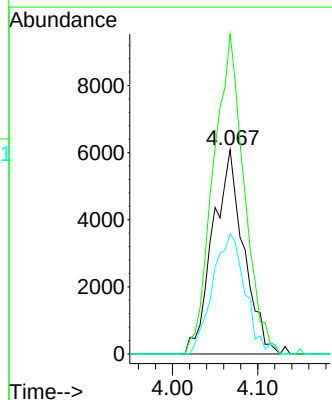
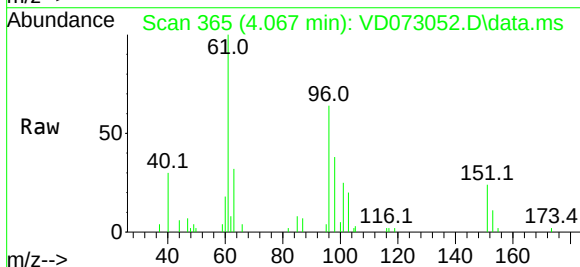
Tgt Ion: 96 Resp: 15242

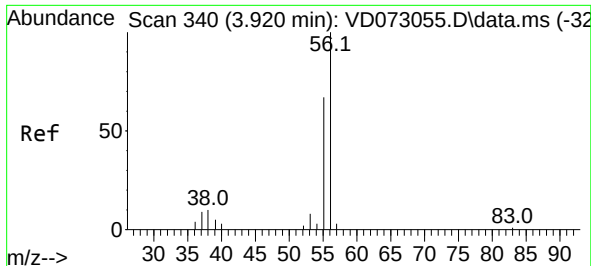
Ion Ratio Lower Upper

96 100

61 156.6 138.5 207.7

98 58.8 48.6 73.0

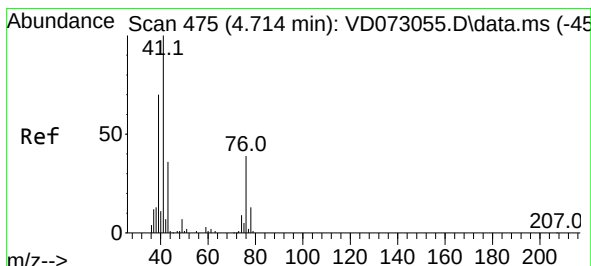
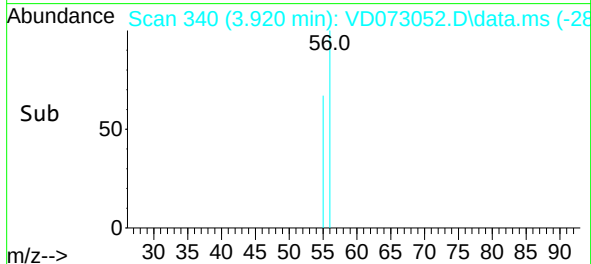
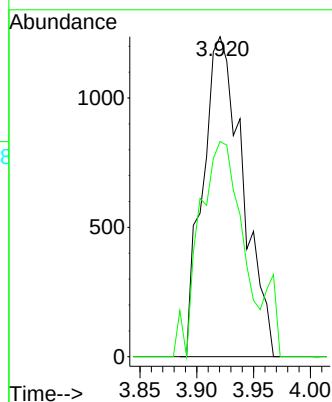
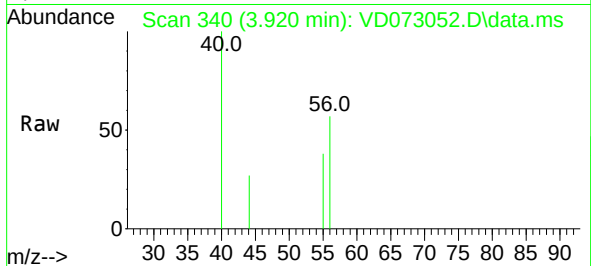




#13
Acrolein
Concen: Below Cal
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

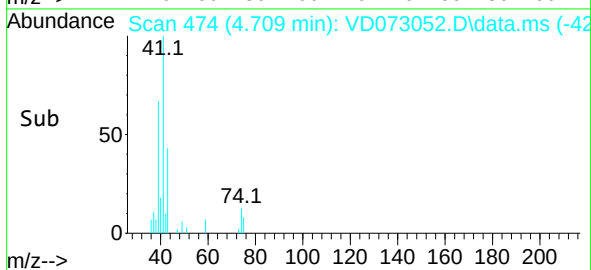
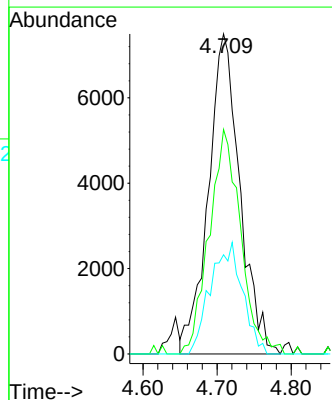
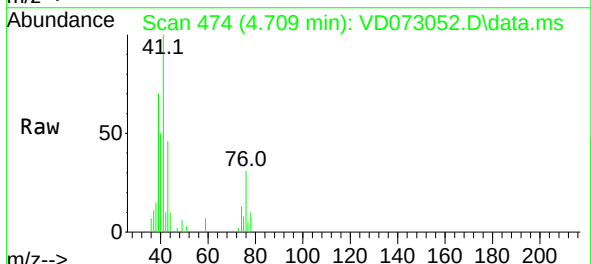
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

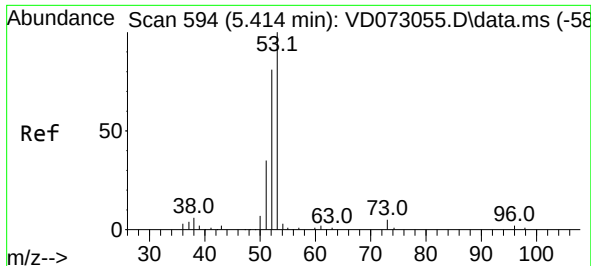
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
55 71.9 57.1 85.7



#14
Allyl chloride
Concen: 4.090 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 41 Resp: 22167
Ion Ratio Lower Upper
41 100
39 70.1 59.3 88.9
76 35.3 25.7 38.5

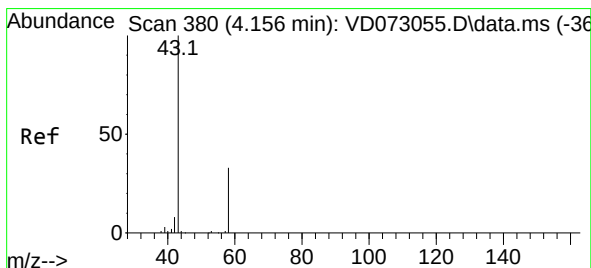
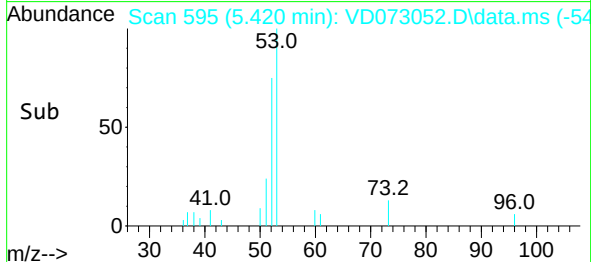
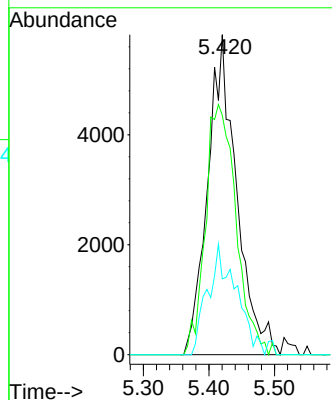
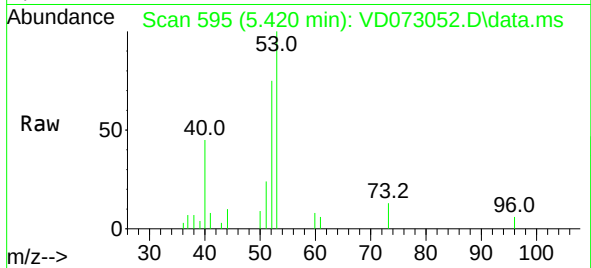




#15
Acrylonitrile
Concen: 20.667 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

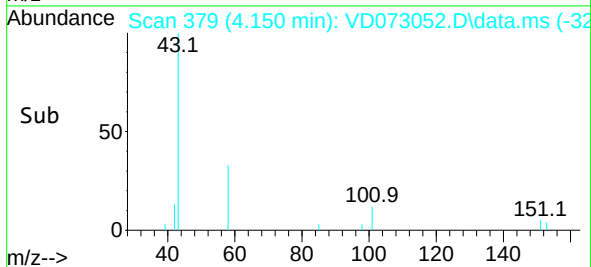
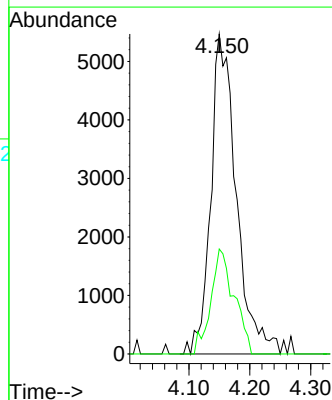
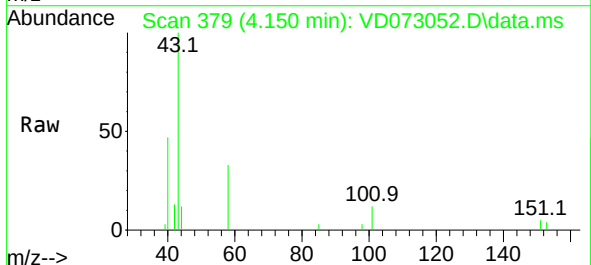
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

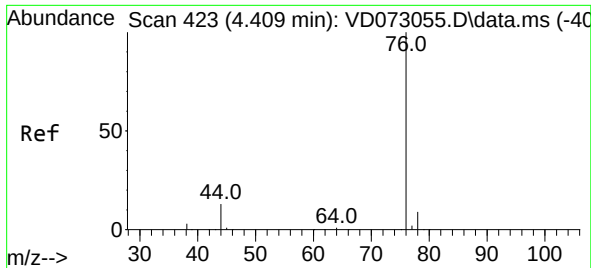
Tgt Ion: 53	Resp: 17847
Ion Ratio	Lower Upper
53 100	
52 82.7	67.2 100.8
51 34.2	30.3 45.5



#16
Acetone
Concen: 22.932 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 43	Resp: 15859
Ion Ratio	Lower Upper
43 100	
58 32.8	22.1 33.1

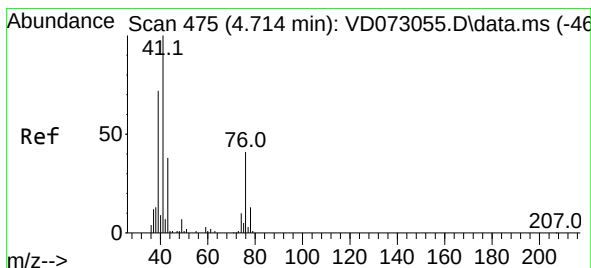
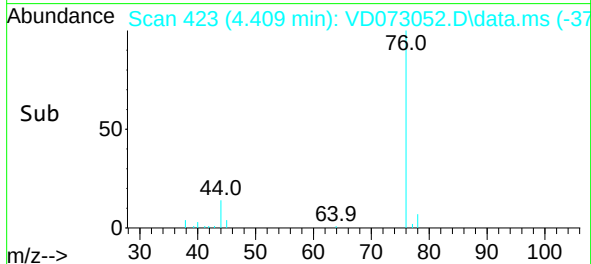
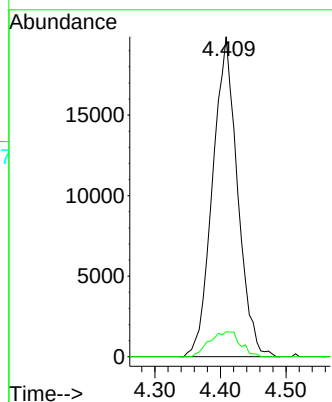
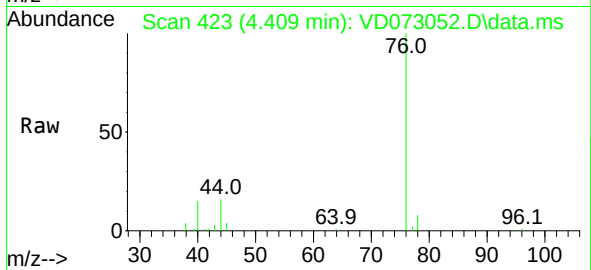




#17
Carbon Disulfide
Concen: 4.906 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

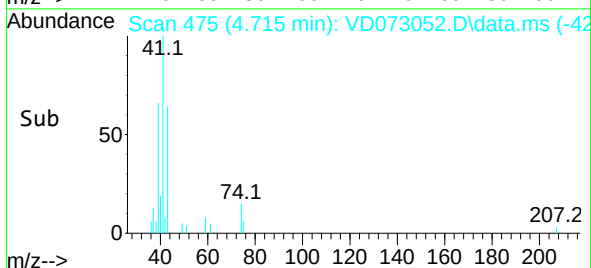
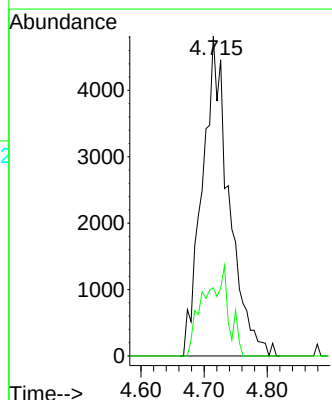
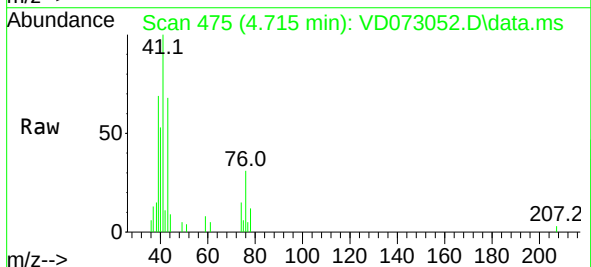
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

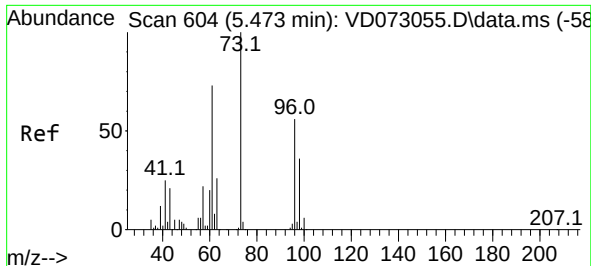
Tgt Ion: 76 Resp: 52382
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#18
Methyl Acetate
Concen: 8.099 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 43 Resp: 14208
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 3.873 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

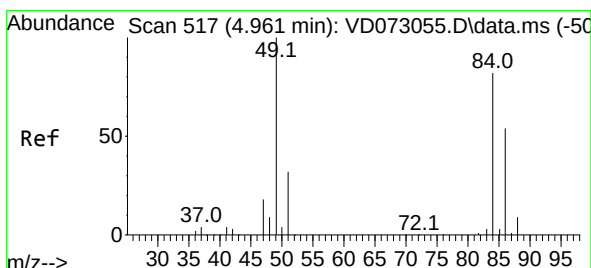
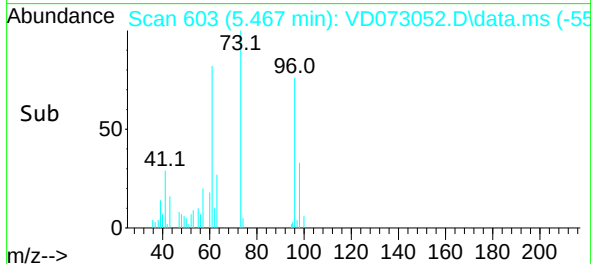
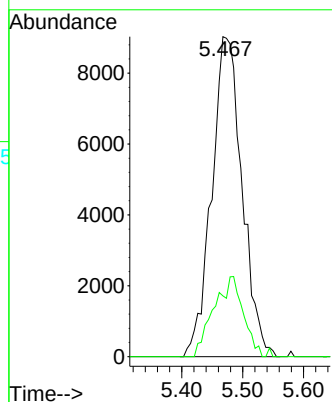
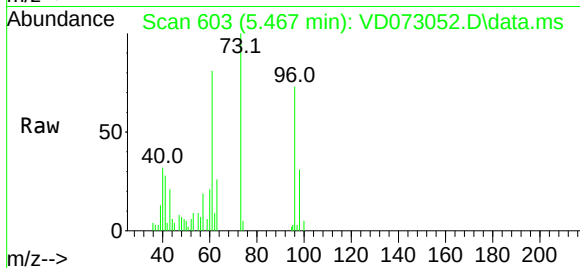
VSTDIC005

Tgt Ion: 73 Resp: 31266

Ion Ratio Lower Upper

73 100

57 19.0 18.0 27.0



#20

Methylene Chloride

Concen: 1.033 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Tgt Ion: 84 Resp: 27403

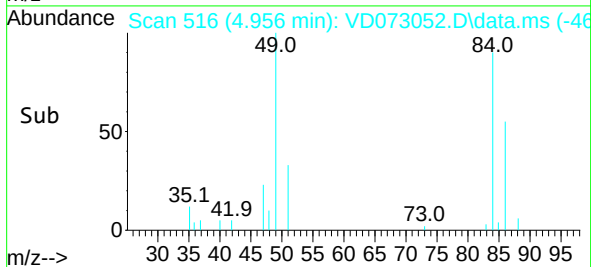
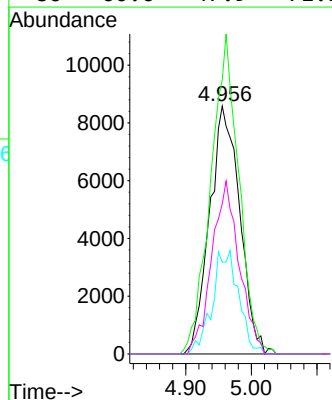
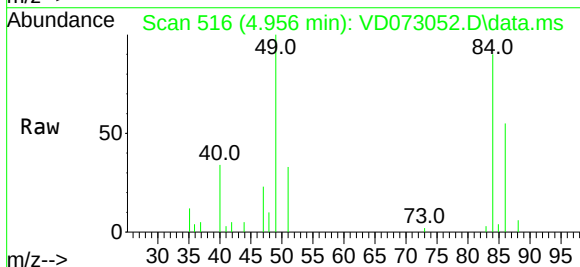
Ion Ratio Lower Upper

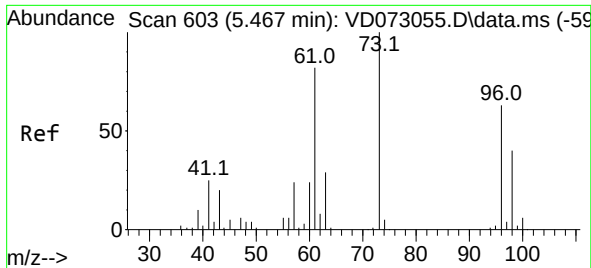
84 100

49 110.6 112.8 169.2#

51 37.0 32.6 48.8

86 60.6 47.9 71.9

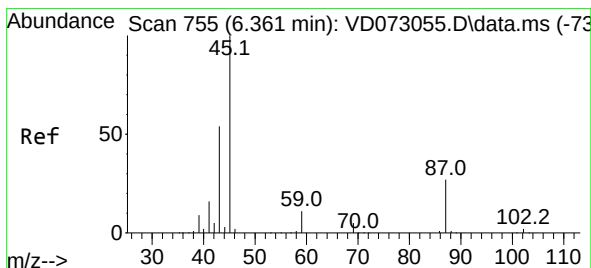
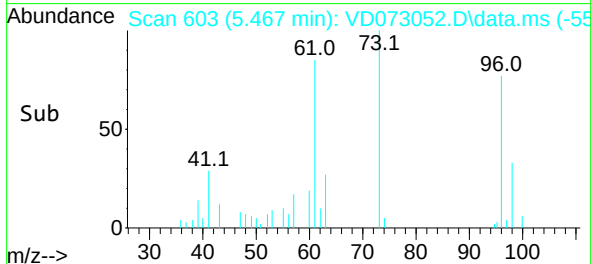
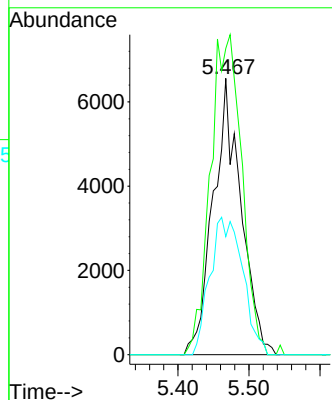
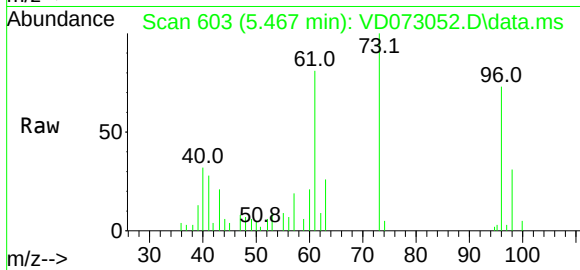




#21
trans-1,2-Dichloroethene
Concen: 4.593 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

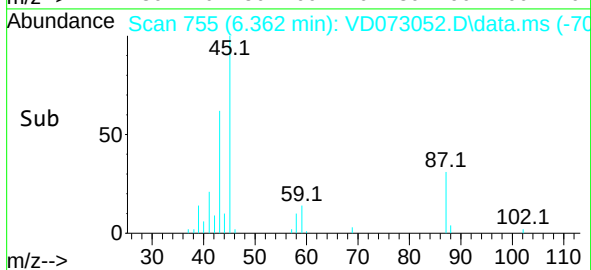
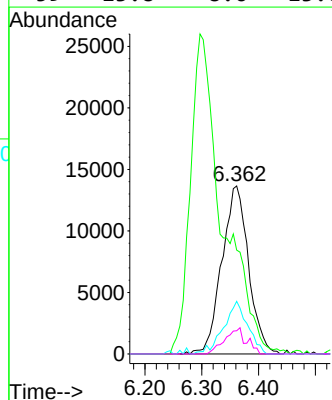
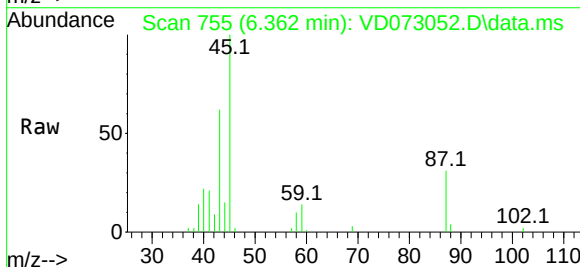
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

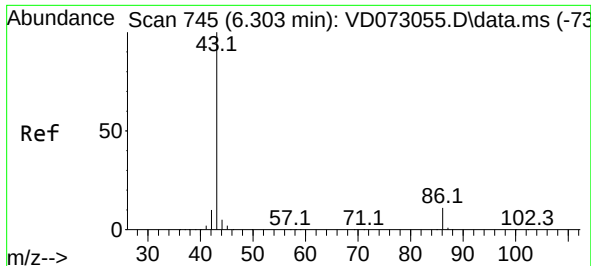
Tgt Ion: 96 Resp: 17843
Ion Ratio Lower Upper
96 100
61 110.8 117.9 176.9#
98 42.7 49.4 74.2#



#22
Diisopropyl ether
Concen: 3.729 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 45 Resp: 44479
Ion Ratio Lower Upper
45 100
43 59.9 46.6 70.0
87 31.3 18.4 27.6#
59 13.8 8.6 13.0#

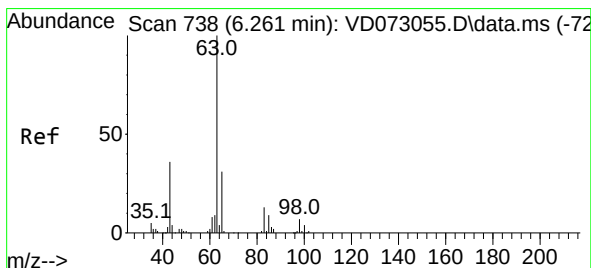
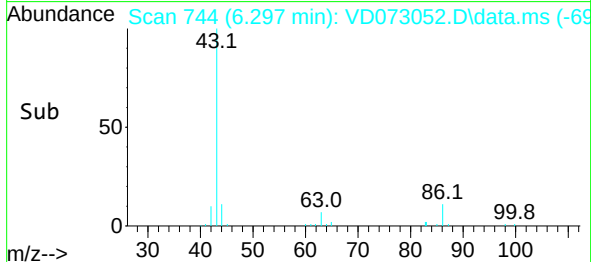
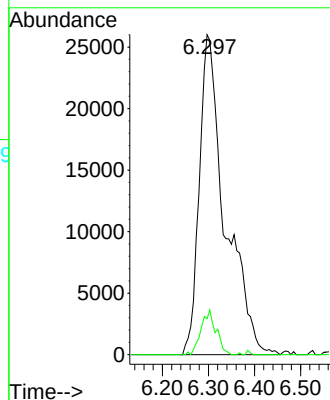
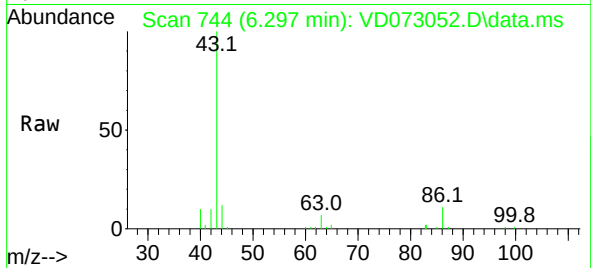




#23
 Vinyl Acetate
 Concen: 15.406 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

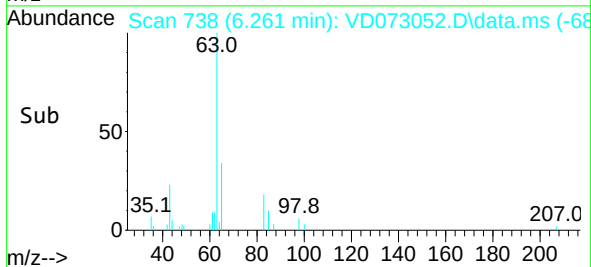
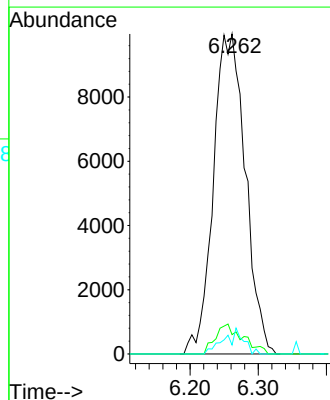
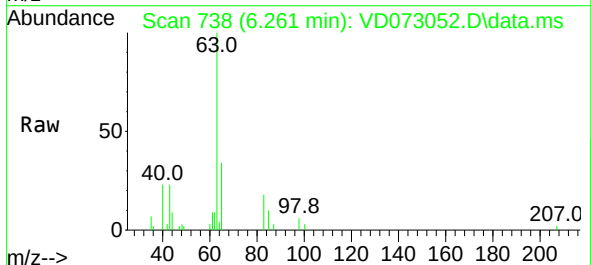
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

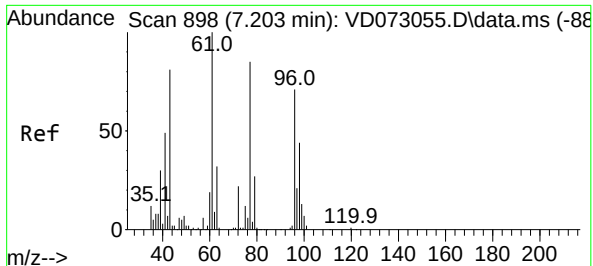
Tgt Ion: 43 Resp: 101489
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.507 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

Tgt Ion: 63 Resp: 32469
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 2.8 2.1 6.5

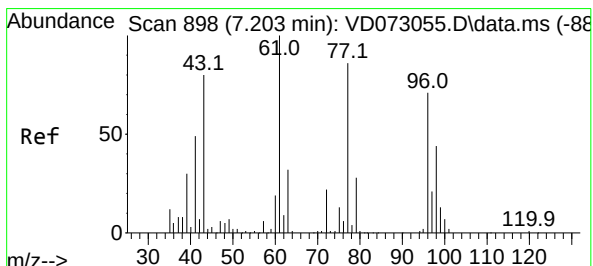
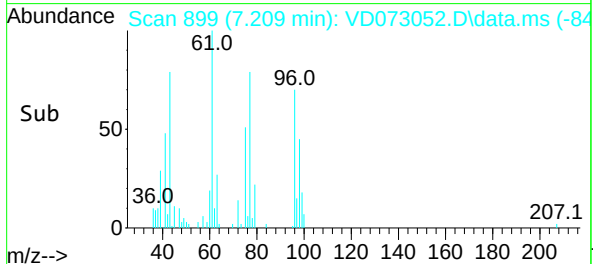
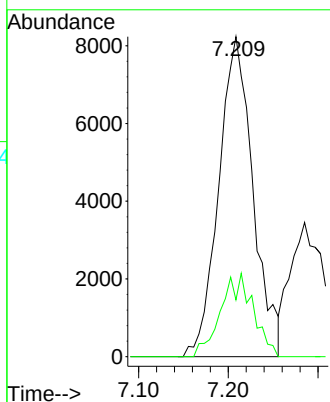
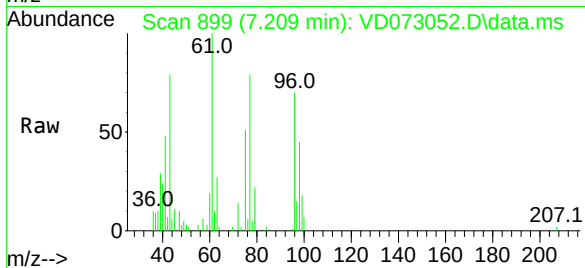




#25
2-Butanone
Concen: 20.878 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

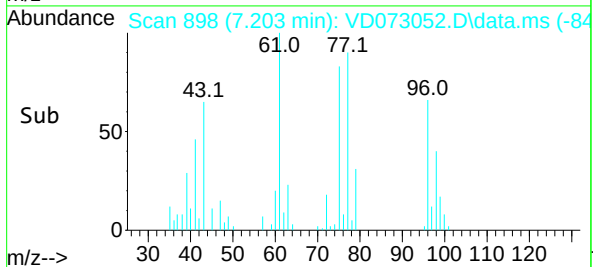
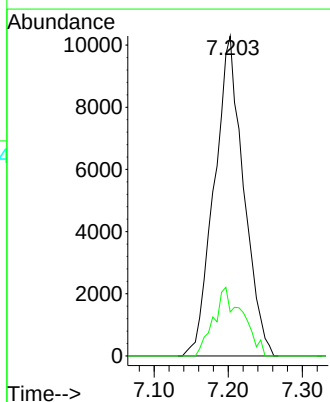
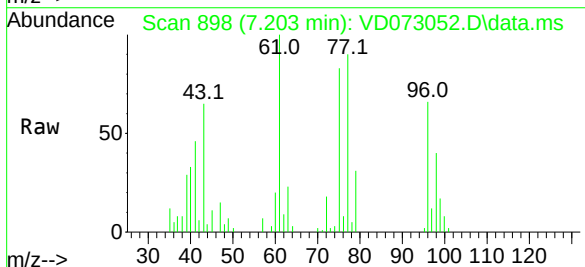
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

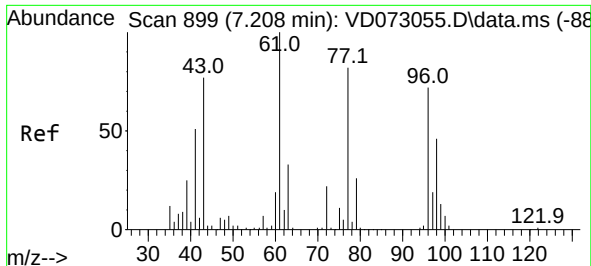
Tgt Ion: 43 Resp: 21836
Ion Ratio Lower Upper
43 100
72 17.8 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 4.662 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 77 Resp: 28206
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.4

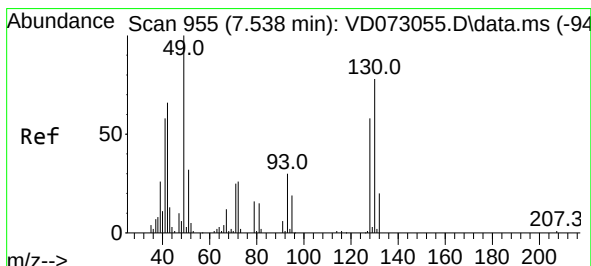
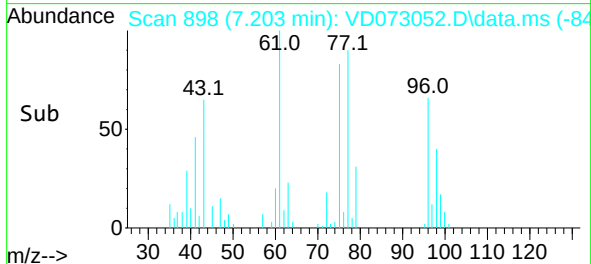
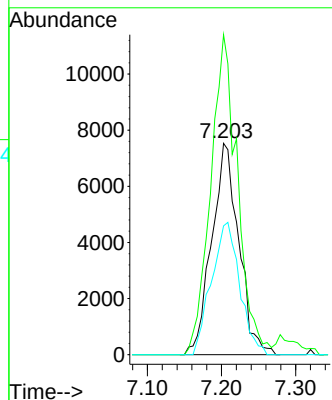
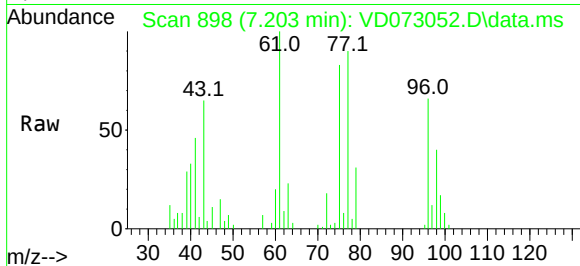




#27
 cis-1,2-Dichloroethene
 Concen: 4.302 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

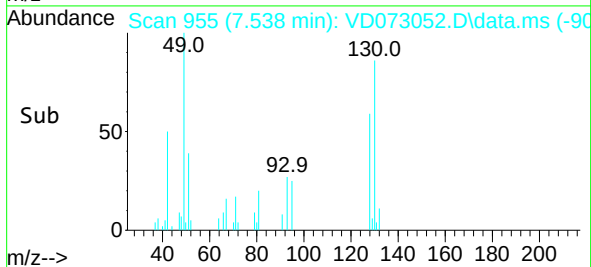
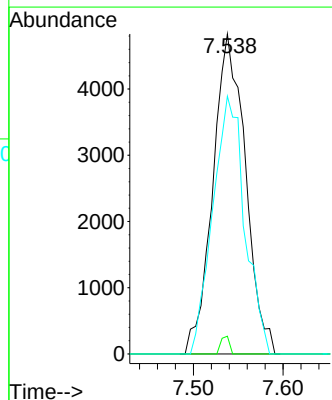
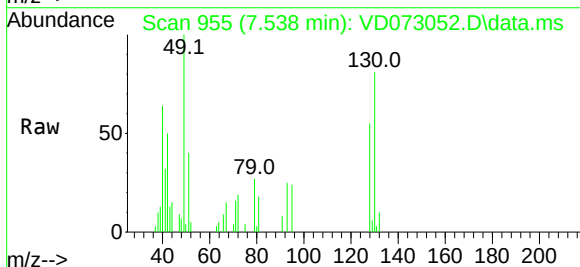
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

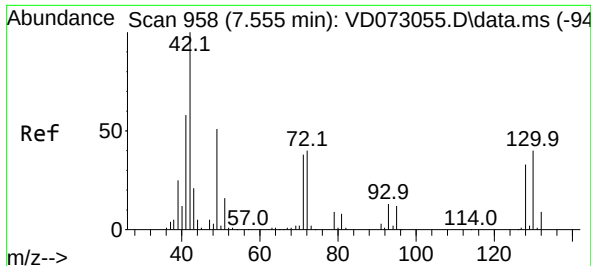
Tgt Ion: 96 Resp: 19130
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 313.8
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 4.611 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

Tgt Ion: 49 Resp: 12146
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 79.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 17.574 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

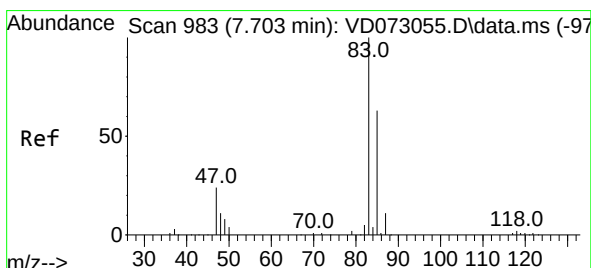
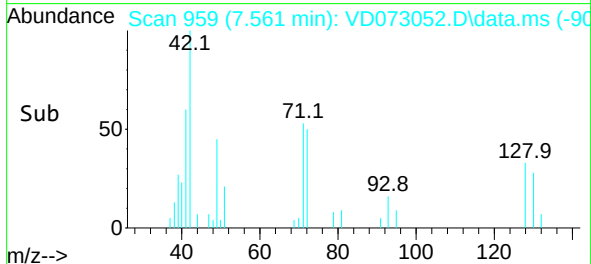
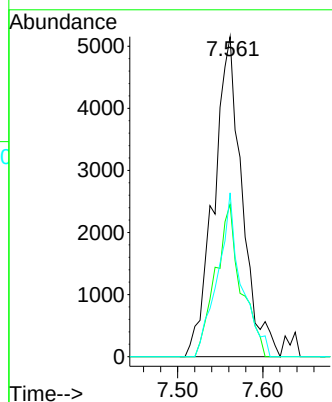
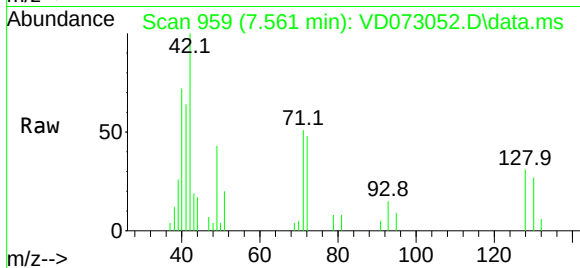
Tgt Ion: 42 Resp: 11876

Ion Ratio Lower Upper

42 100

72 42.8 30.7 46.1

71 43.0 28.6 43.0#



#30

Chloroform

Concen: 4.723 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD073052.D

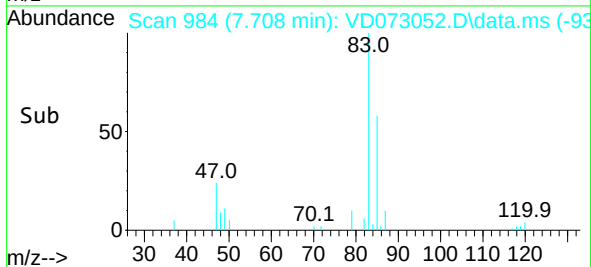
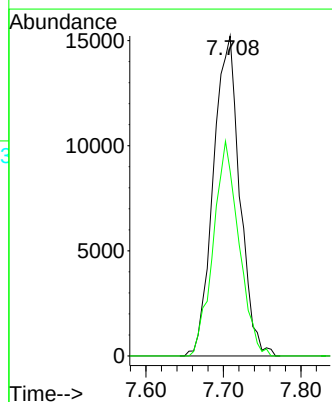
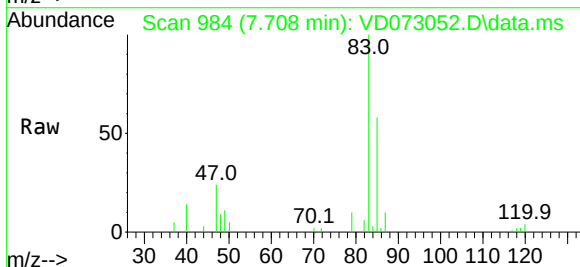
Acq: 17 May 2022 10:19

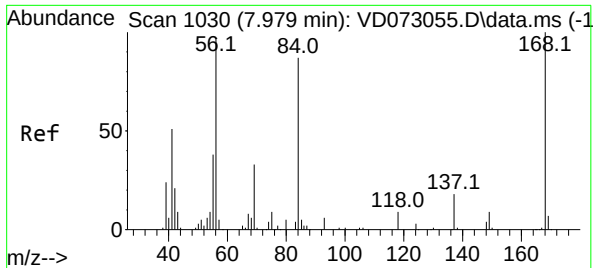
Tgt Ion: 83 Resp: 36093

Ion Ratio Lower Upper

83 100

85 57.8 52.7 79.1

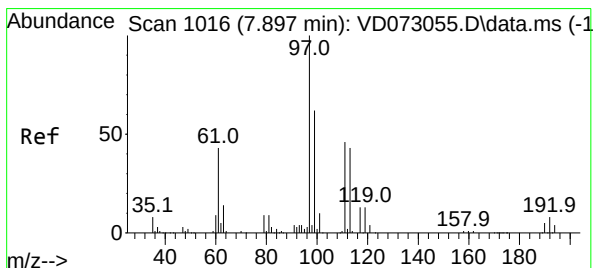
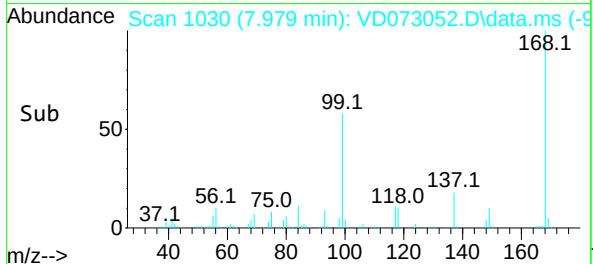
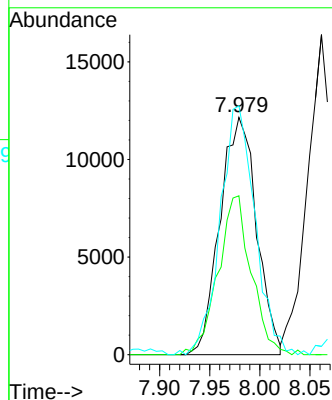
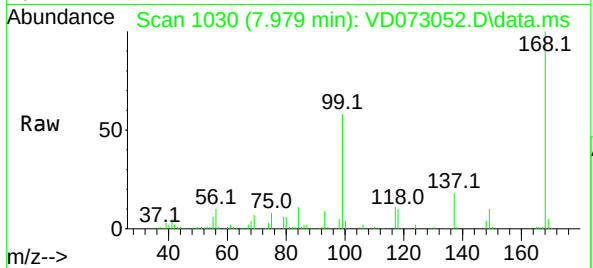




#31
Cyclohexane
Concen: 4.888 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

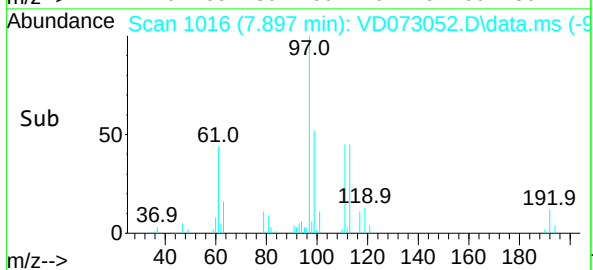
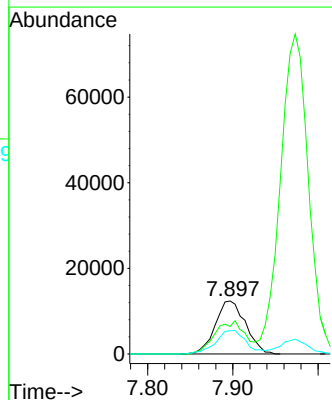
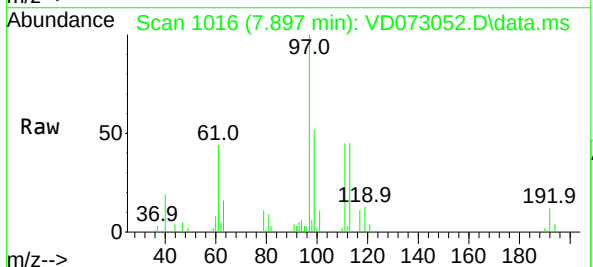
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

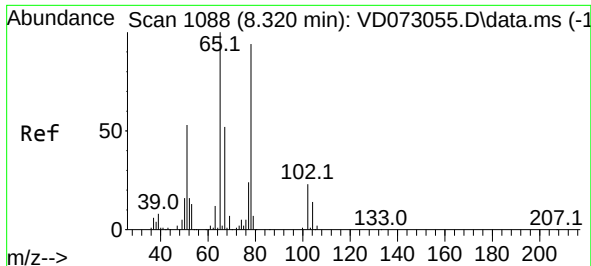
Tgt Ion: 56 Resp: 30881
Ion Ratio Lower Upper
56 100
69 67.0 25.4 38.2#
84 103.1 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 4.708 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 97 Resp: 30566
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 44.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 4.836 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

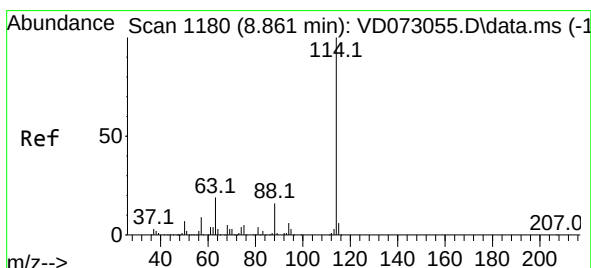
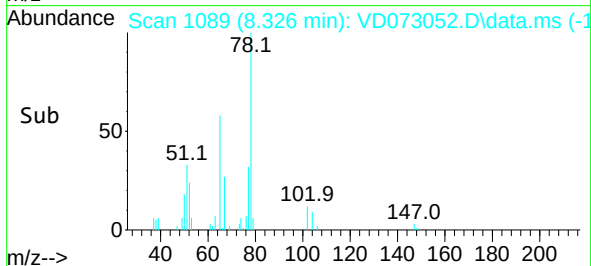
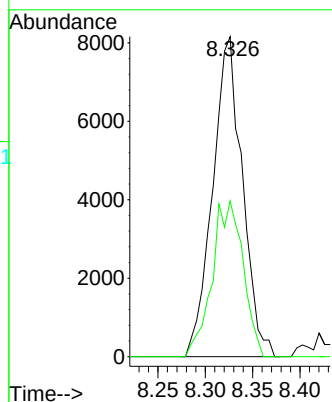
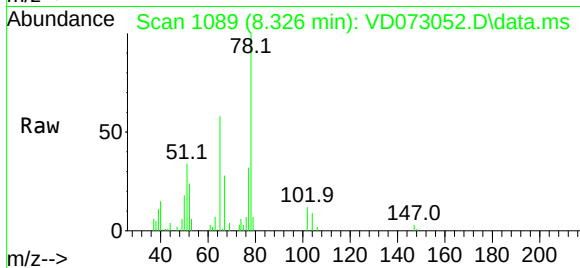
VSTDIC005

Tgt Ion: 65 Resp: 17805

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

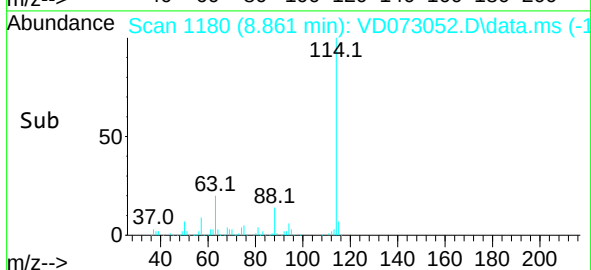
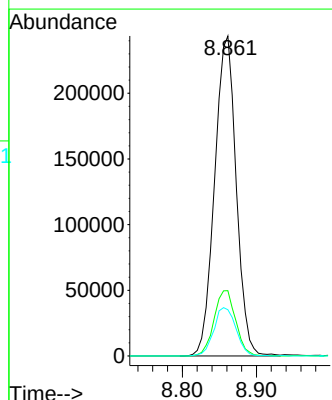
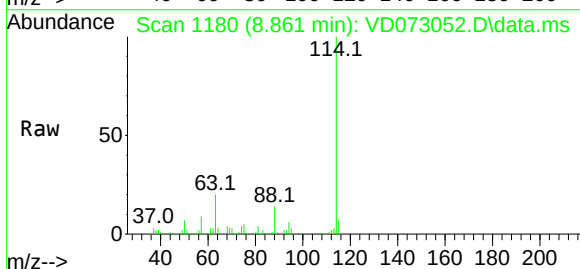
Tgt Ion: 114 Resp: 492946

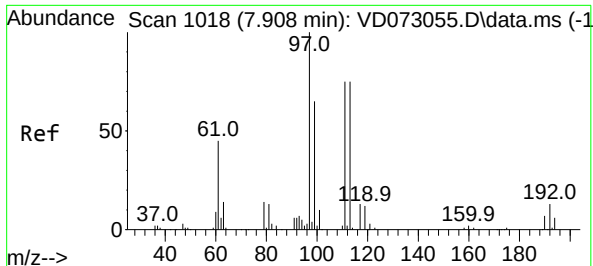
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 14.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 4.868 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

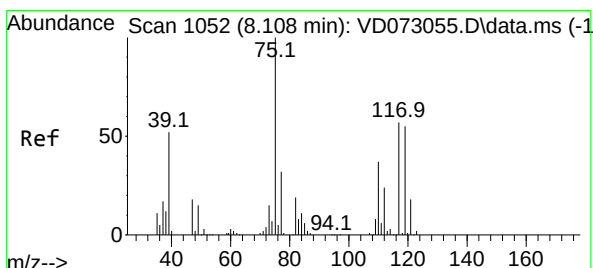
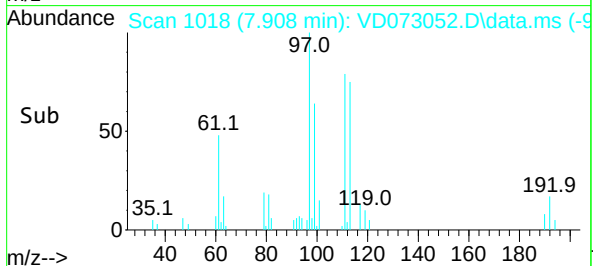
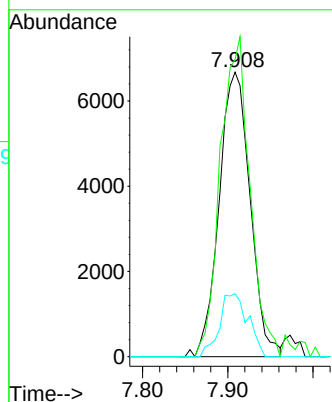
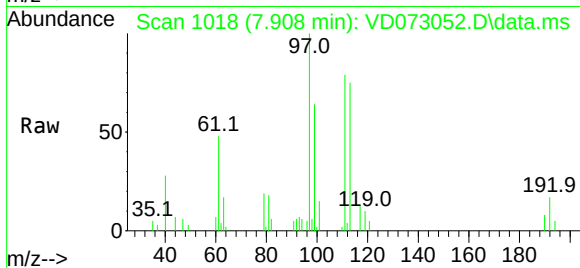
Tgt Ion:113 Resp: 16891

Ion Ratio Lower Upper

113 100

111 107.0 83.8 125.6

192 20.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.613 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

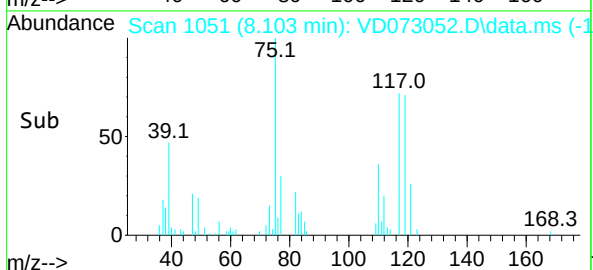
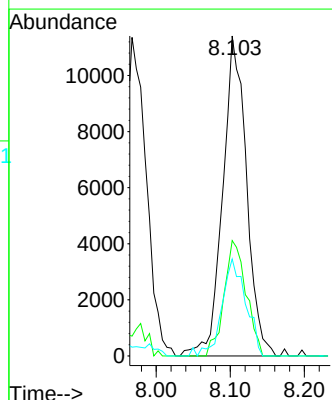
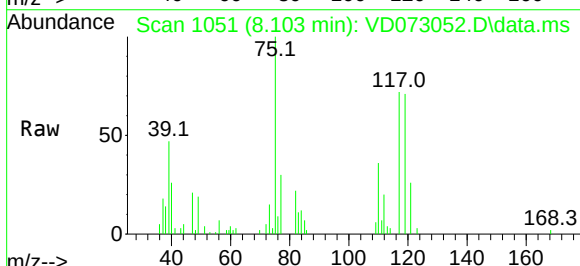
Tgt Ion: 75 Resp: 25462

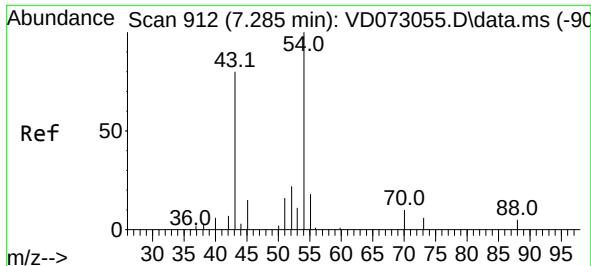
Ion Ratio Lower Upper

75 100

110 33.6 16.4 49.1

77 29.9 24.2 36.2





#37

Ethyl Acetate

Concen: 3.773 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

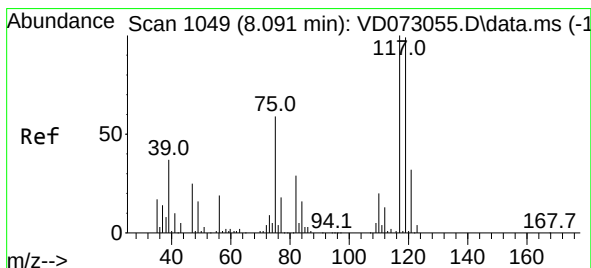
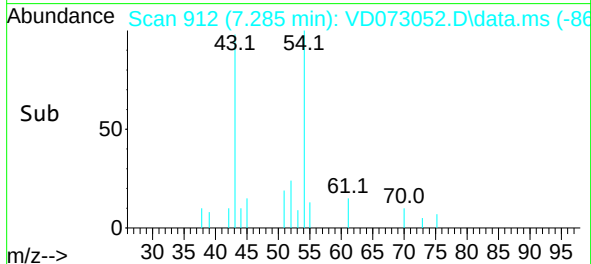
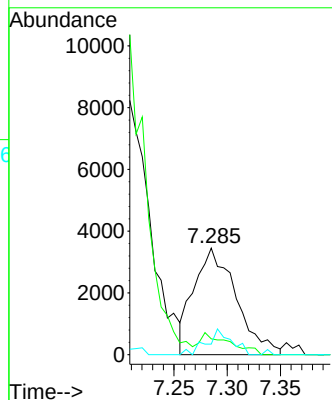
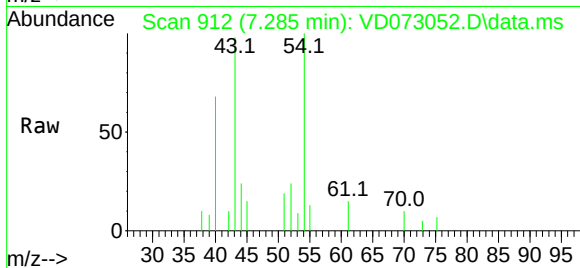
Tgt Ion: 43 Resp: 9528

Ion Ratio Lower Upper

43 100

61 14.4 9.8 14.8

70 14.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 4.402 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

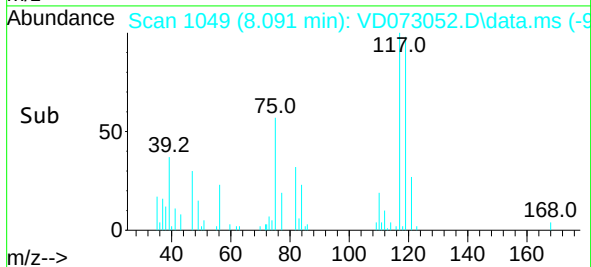
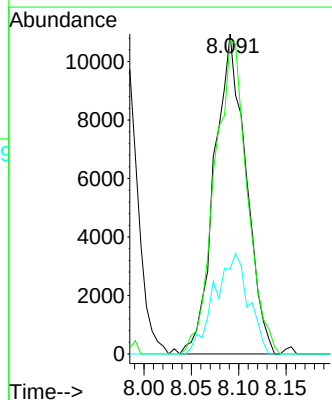
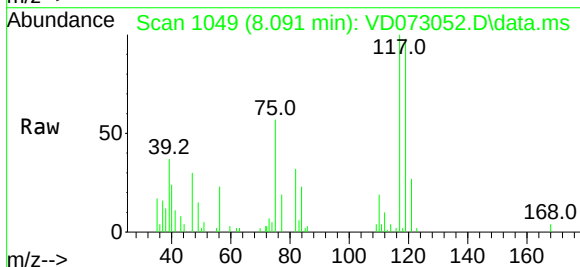
Tgt Ion: 117 Resp: 25284

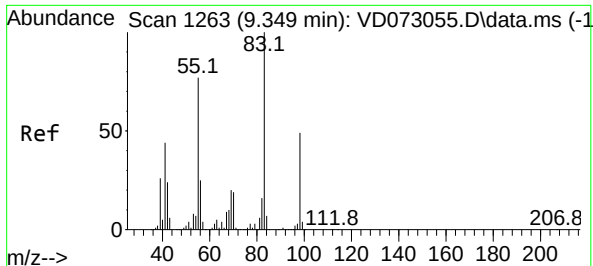
Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.6

121 26.5 24.5 36.7





#39

Methylcyclohexane

Concen: 4.057 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

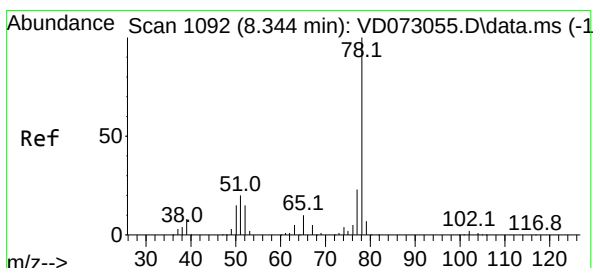
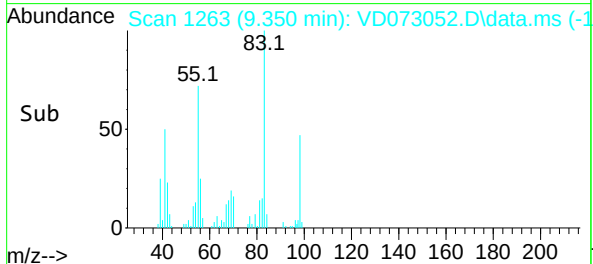
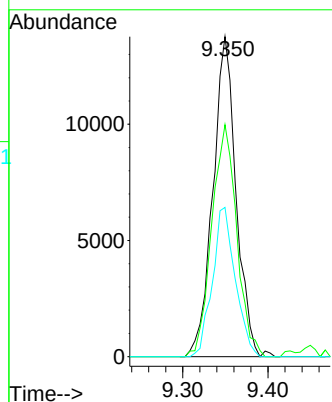
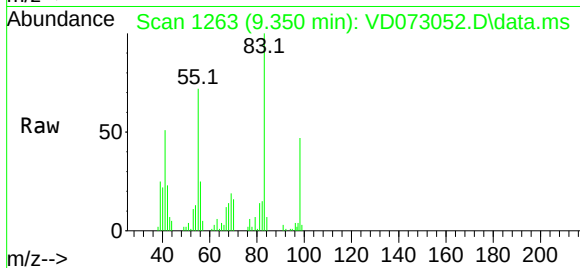
Tgt Ion: 83 Resp: 26092

Ion Ratio Lower Upper

83 100

55 72.5 63.2 94.8

98 46.6 38.2 57.4



#40

Benzene

Concen: 4.420 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073052.D

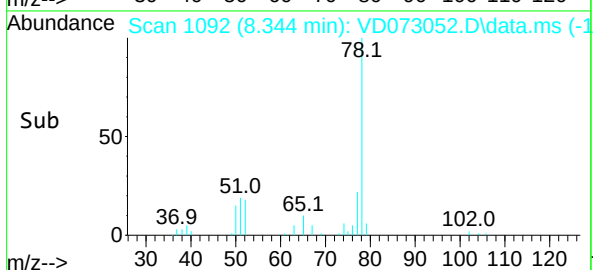
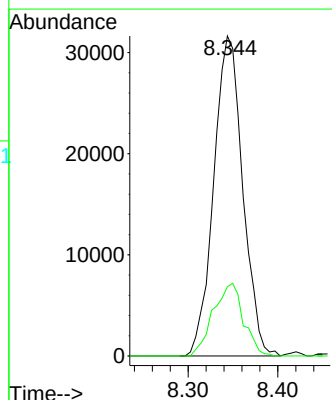
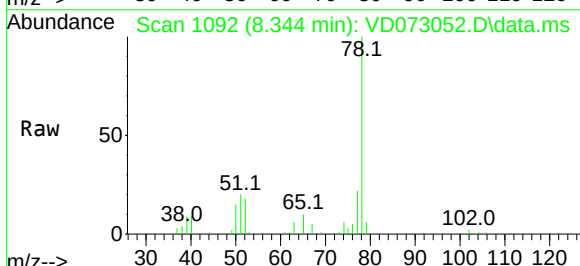
Acq: 17 May 2022 10:19

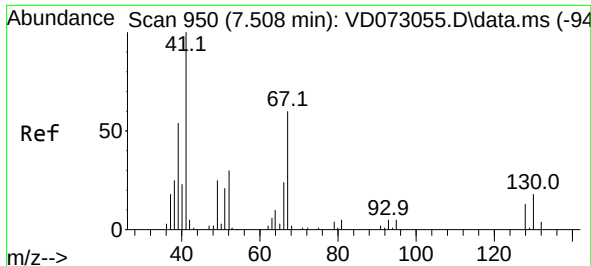
Tgt Ion: 78 Resp: 70987

Ion Ratio Lower Upper

78 100

77 21.6 19.1 28.7



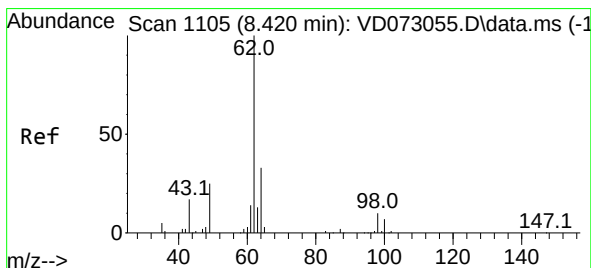
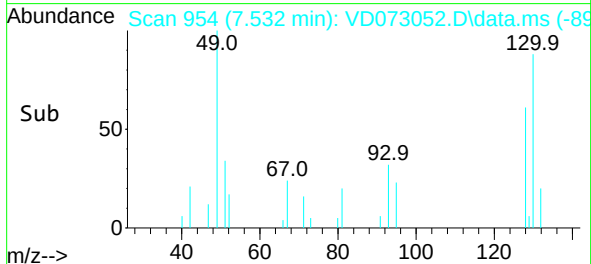
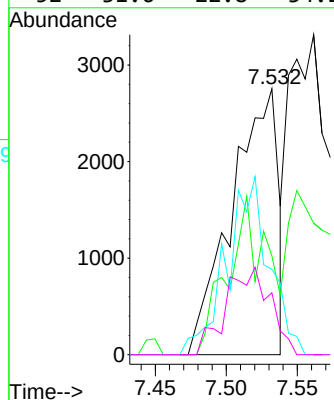
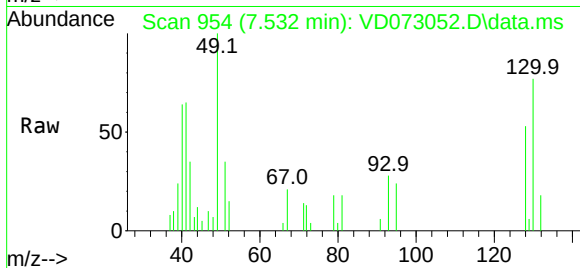


#41
Methacrylonitrile
Concen: 4.213 ug/l
RT: 7.532 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 6243

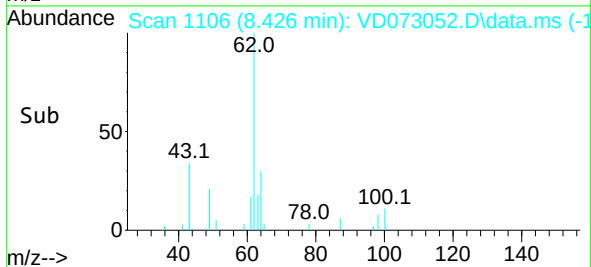
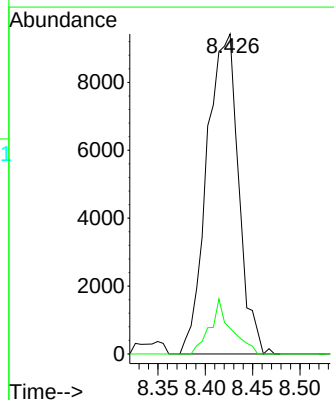
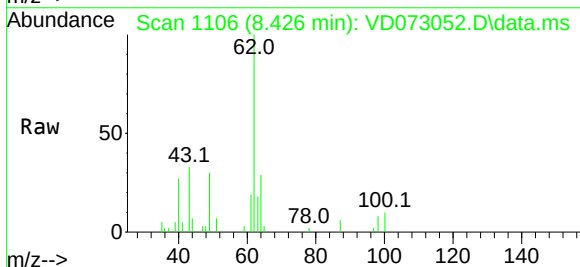
Ion	Ratio	Lower	Upper
41	100		
39	50.3	44.6	67.0
67	61.2	48.2	72.4
52	31.6	22.8	34.2

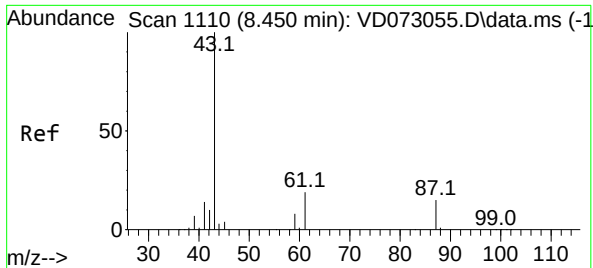


#42
1,2-Dichloroethane
Concen: 4.540 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 62 Resp: 21915

Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	17.6





#43

Isopropyl Acetate

Concen: 3.790 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

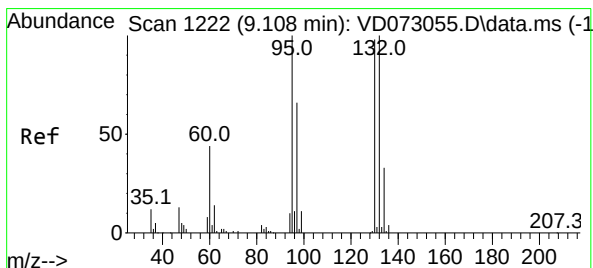
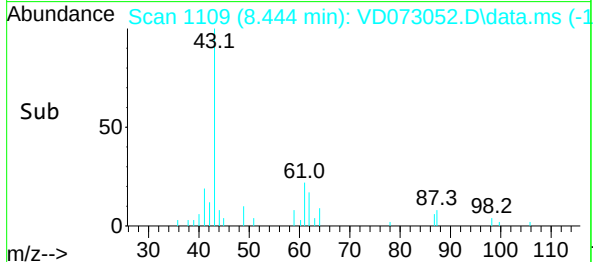
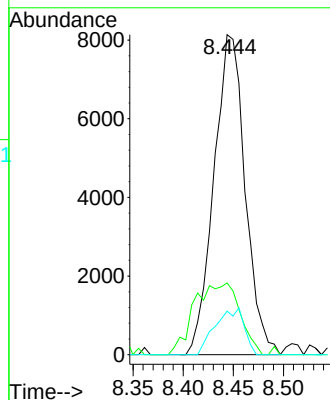
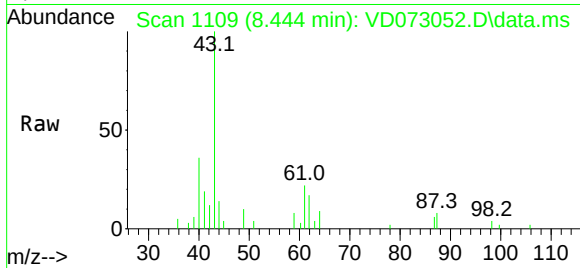
Tgt Ion: 43 Resp: 17669

Ion Ratio Lower Upper

43 100

61 32.6 22.4 33.6

87 13.4 8.7 13.1#



#44

Trichloroethene

Concen: 4.765 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073052.D

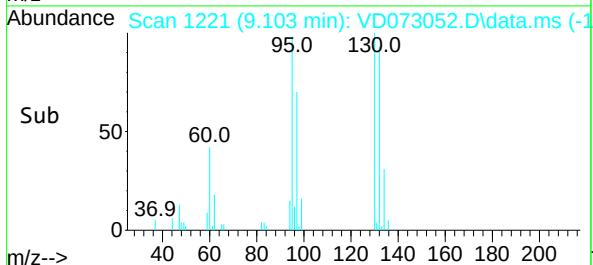
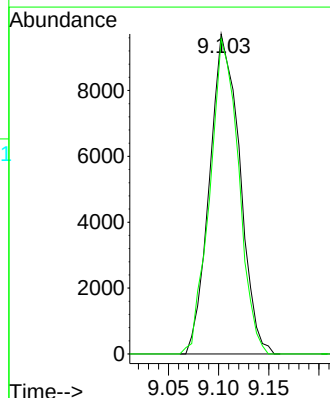
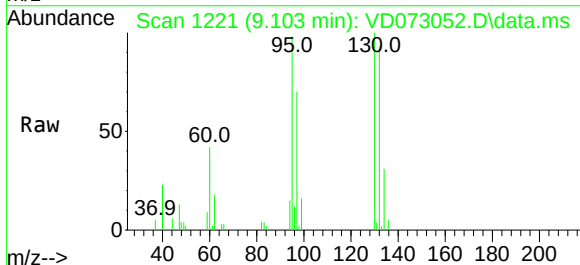
Acq: 17 May 2022 10:19

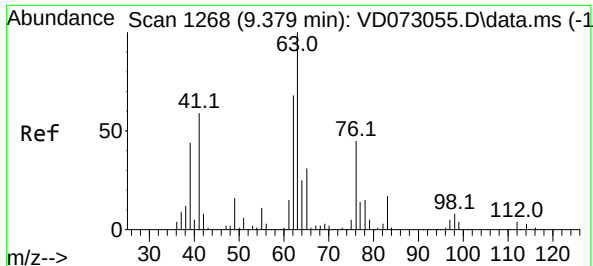
Tgt Ion:130 Resp: 20400

Ion Ratio Lower Upper

130 100

95 98.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.580 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

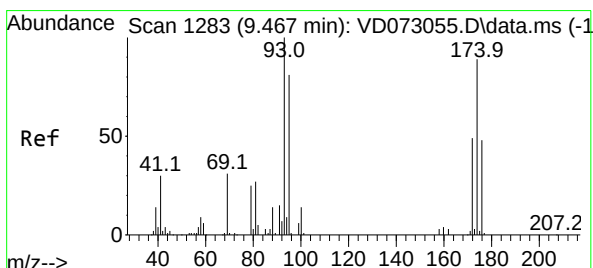
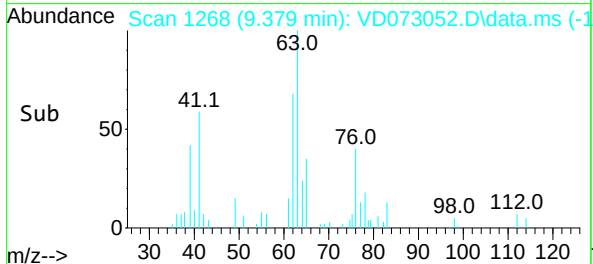
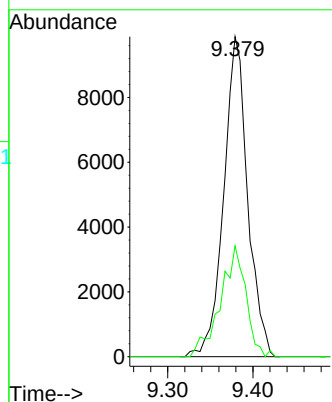
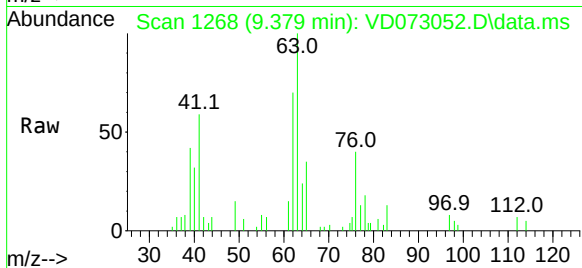
VSTDIC005

Tgt Ion: 63 Resp: 19252

Ion Ratio Lower Upper

63 100

65 34.6 26.2 39.4



#46

Dibromomethane

Concen: 4.479 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

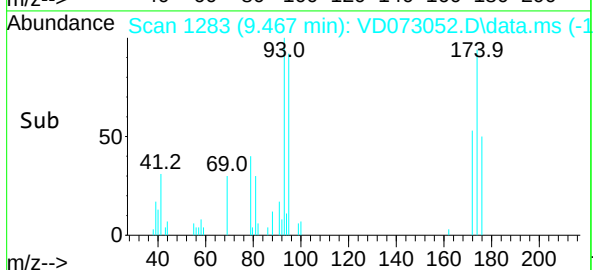
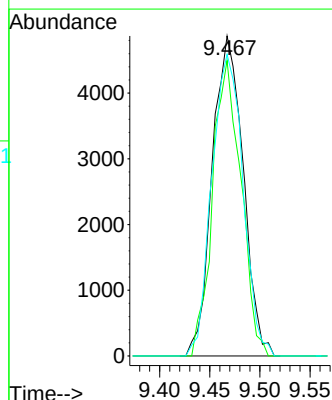
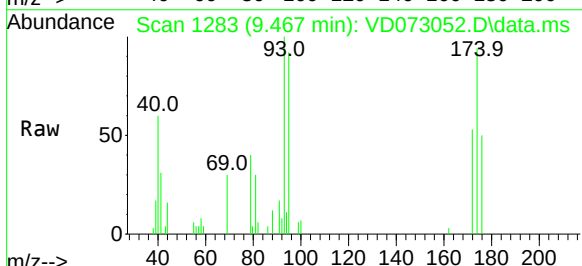
Tgt Ion: 93 Resp: 10412

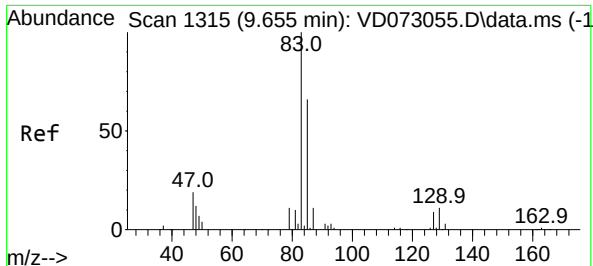
Ion Ratio Lower Upper

93 100

95 84.9 66.7 100.1

174 95.1 71.6 107.4

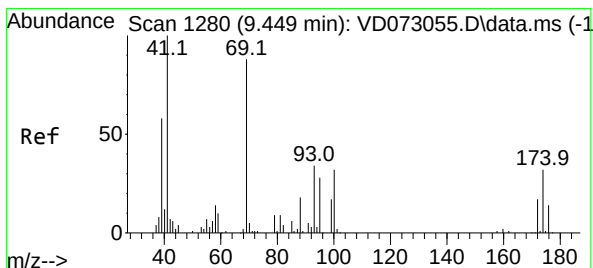
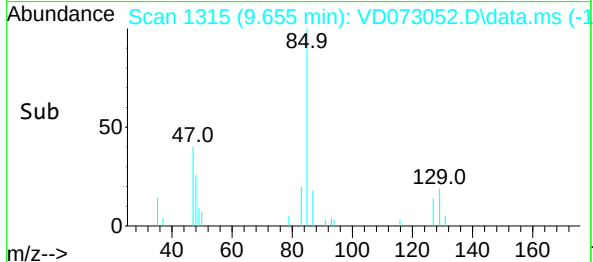
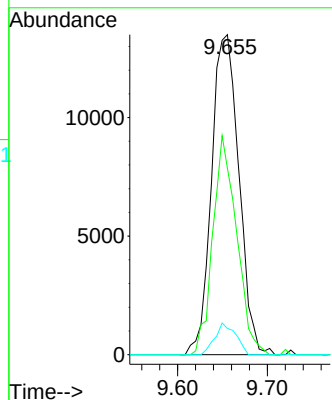
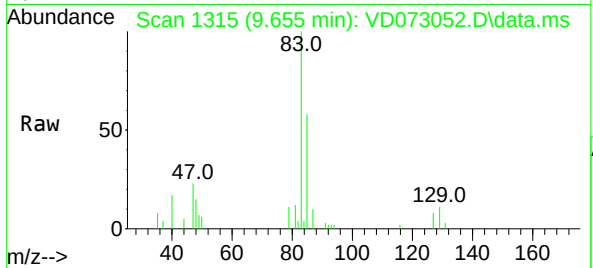




#47
Bromodichloromethane
Concen: 4.799 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

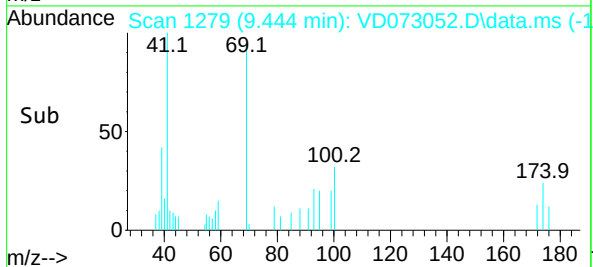
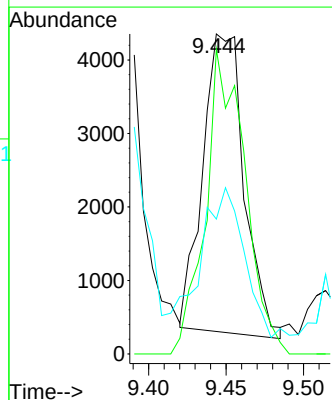
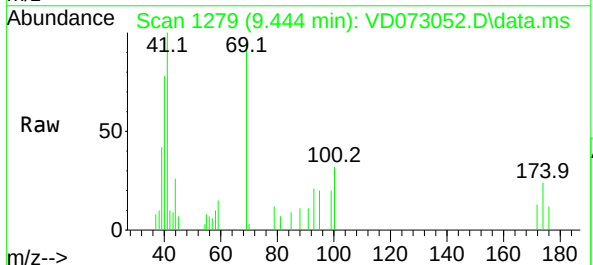
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

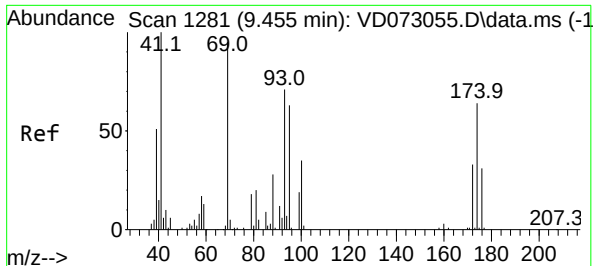
Tgt Ion: 83 Resp: 28607
Ion Ratio Lower Upper
83 100
85 58.3 51.4 77.0
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 3.283 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 41 Resp: 7524
Ion Ratio Lower Upper
41 100
69 97.5 56.7 85.1#
39 66.5 42.7 64.1#





#49

1,4-Dioxane

Concen: 72.574 ug/l

RT: 9.461 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

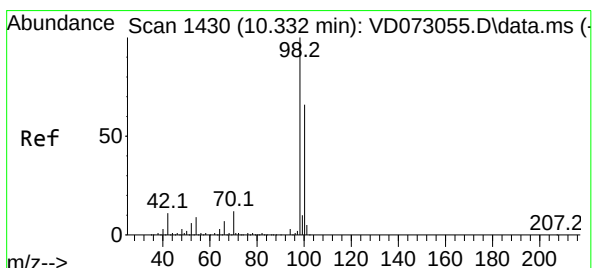
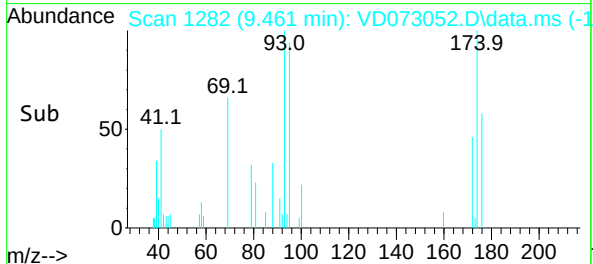
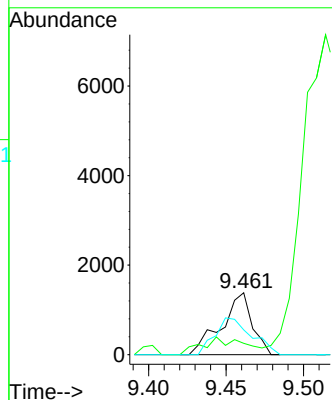
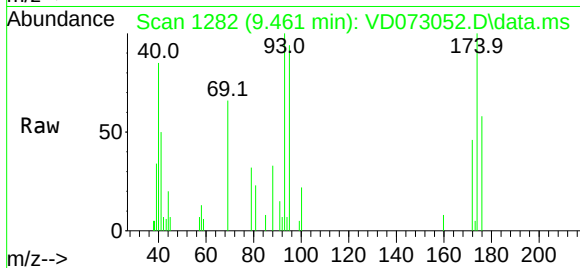
Tgt Ion: 88 Resp: 1903

Ion Ratio Lower Upper

88 100

43 39.0 31.0 46.4

58 70.8 58.1 87.1



#50

Toluene-d8

Concen: 4.567 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073052.D

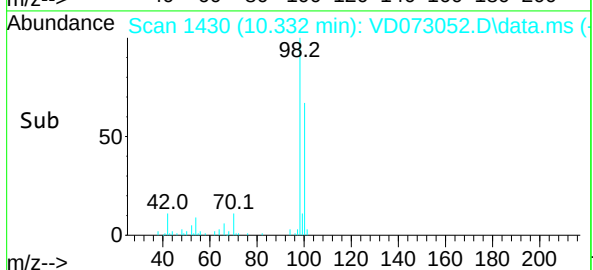
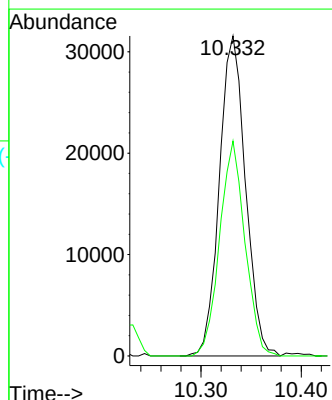
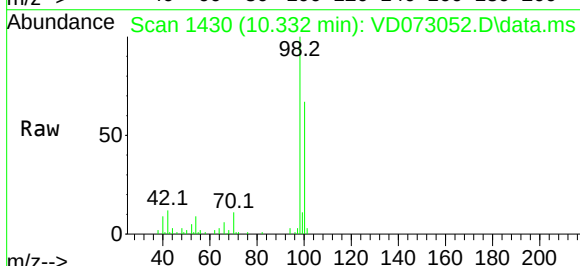
Acq: 17 May 2022 10:19

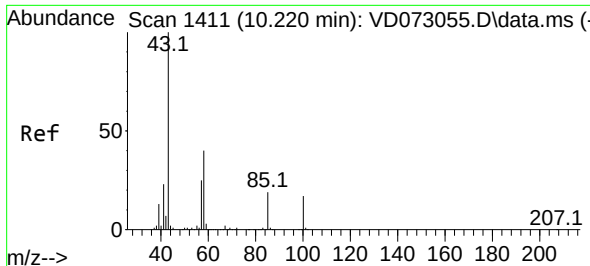
Tgt Ion: 98 Resp: 57063

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6

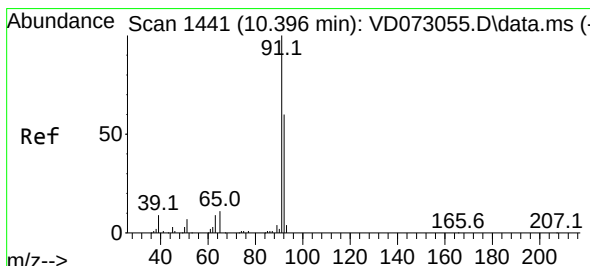
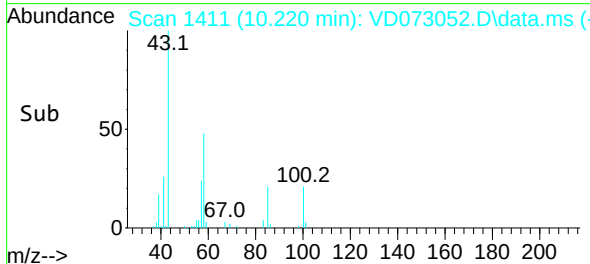
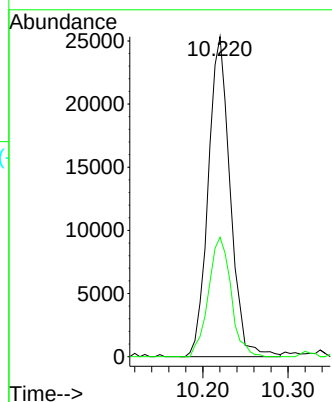
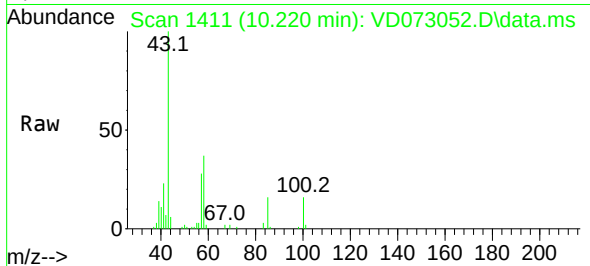




#51
4-Methyl-2-Pentanone
Concen: 18.623 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

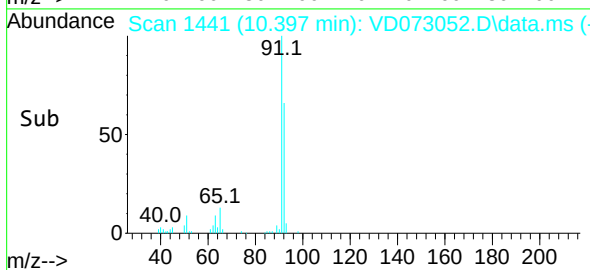
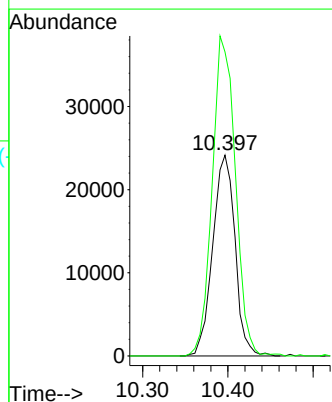
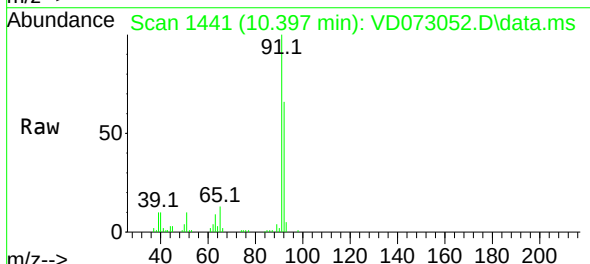
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

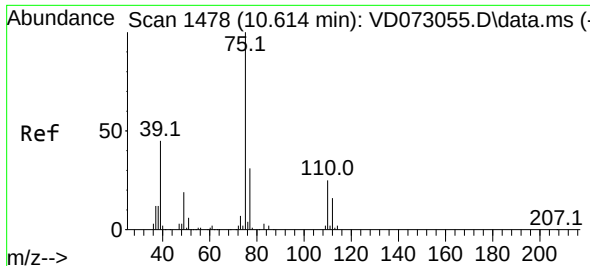
Tgt Ion: 43 Resp: 45285
Ion Ratio Lower Upper
43 100
58 38.4 28.6 43.0



#52
Toluene
Concen: 4.389 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 92 Resp: 43935
Ion Ratio Lower Upper
92 100
91 165.6 139.6 209.4

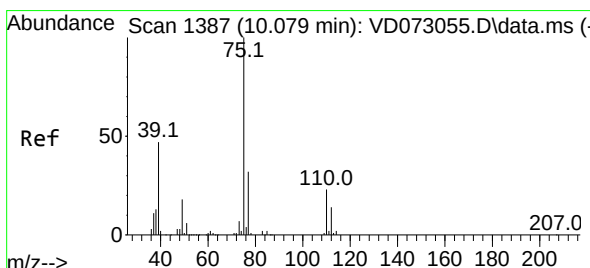
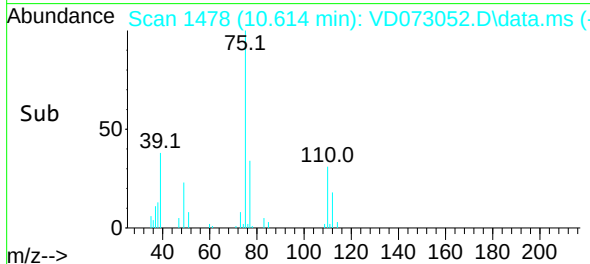
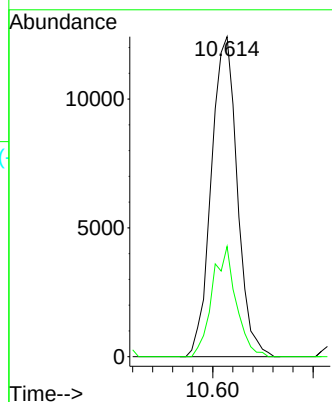
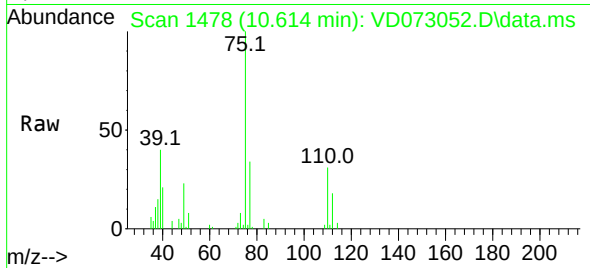




#53
t-1,3-Dichloropropene
Concen: 4.081 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

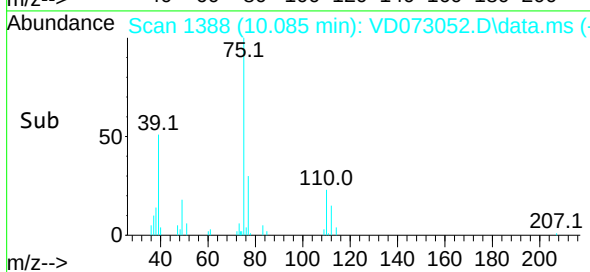
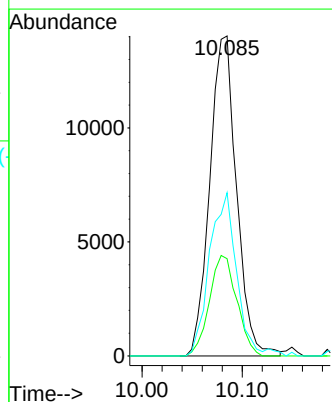
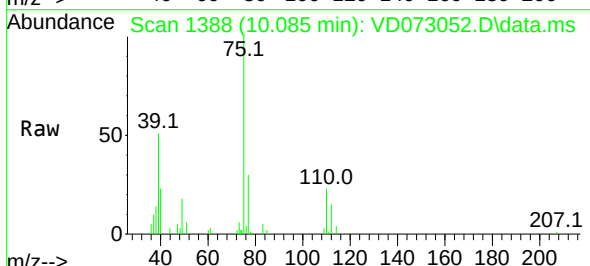
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

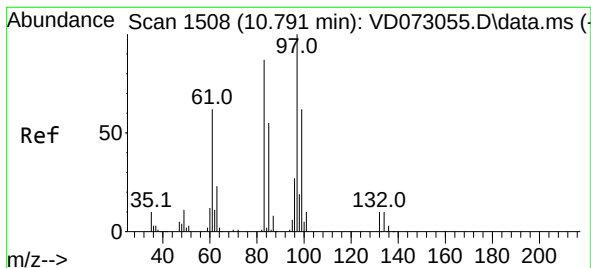
Tgt Ion: 75 Resp: 22322
Ion Ratio Lower Upper
75 100
77 34.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 4.085 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 75 Resp: 26065
Ion Ratio Lower Upper
75 100
77 30.4 24.8 37.2
39 51.0 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 4.791 ug/l

RT: 10.797 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 15068

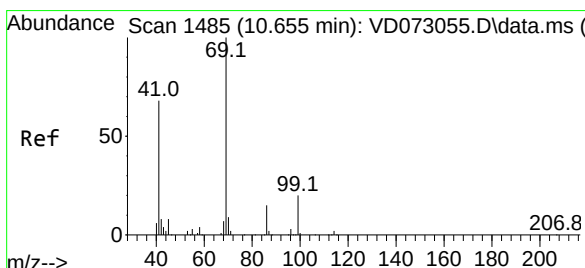
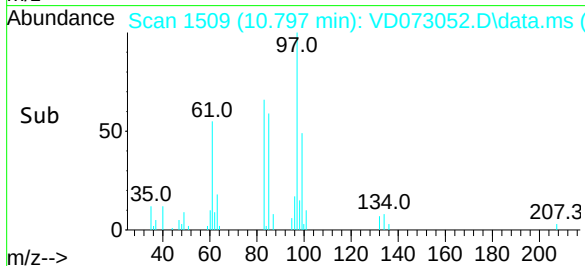
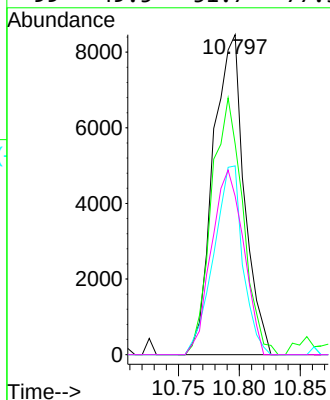
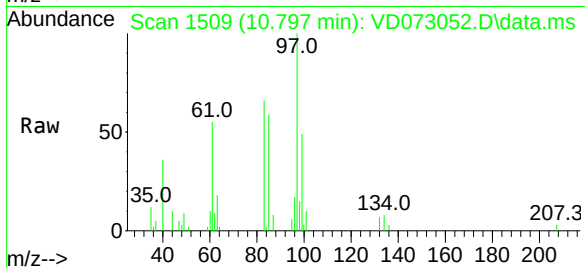
Ion Ratio Lower Upper

97 100

83 65.9 69.0 103.4#

85 59.0 42.6 63.8

99 49.5 51.7 77.5#



#56

Ethyl methacrylate

Concen: 3.554 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

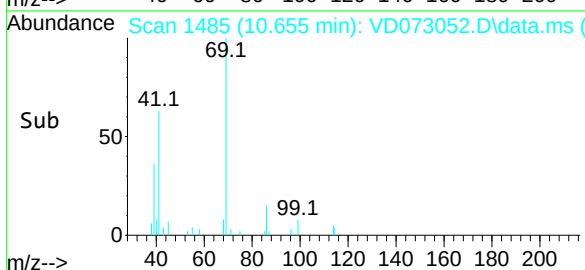
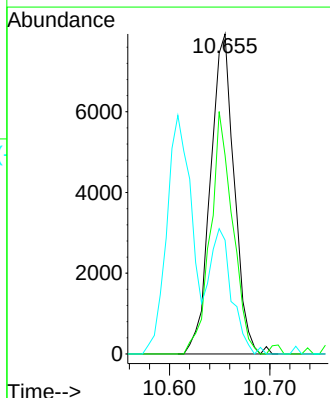
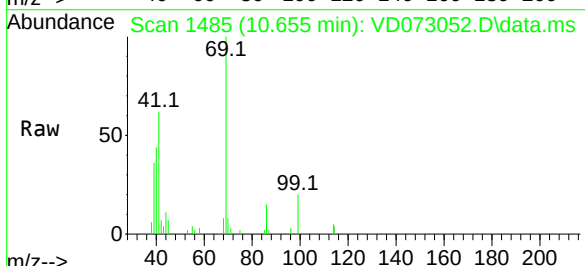
Tgt Ion: 69 Resp: 13062

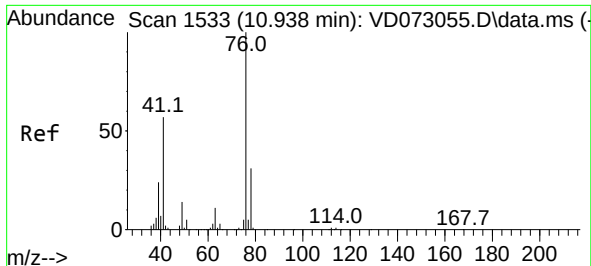
Ion Ratio Lower Upper

69 100

41 71.1 63.0 94.6

39 36.8 33.8 50.8





#57

1,3-Dichloropropane

Concen: 4.444 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

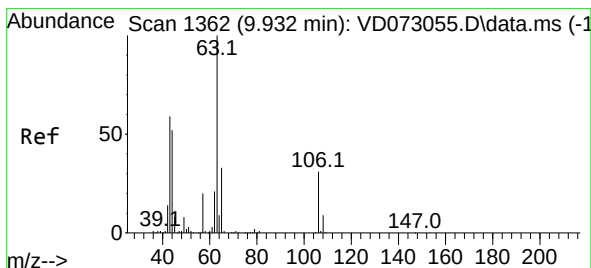
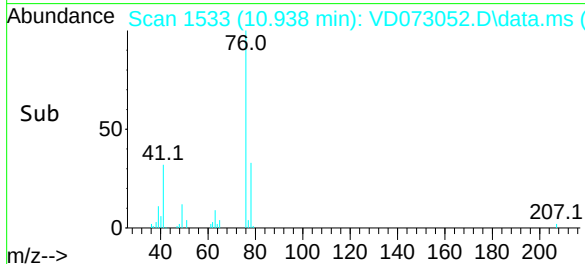
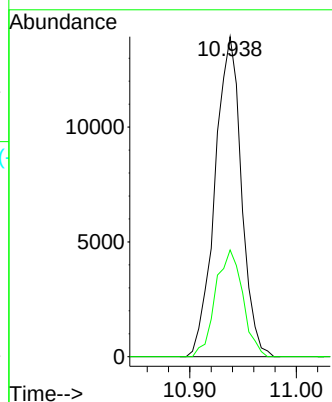
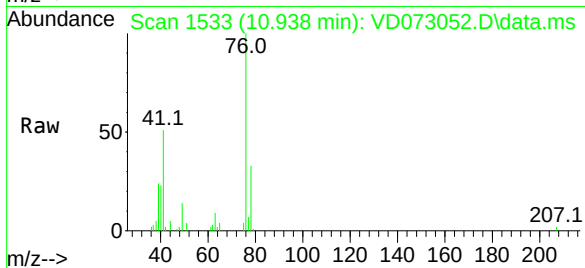
VSTDIC005

Tgt Ion: 76 Resp: 24026

Ion Ratio Lower Upper

76 100

78 34.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 16.786 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073052.D

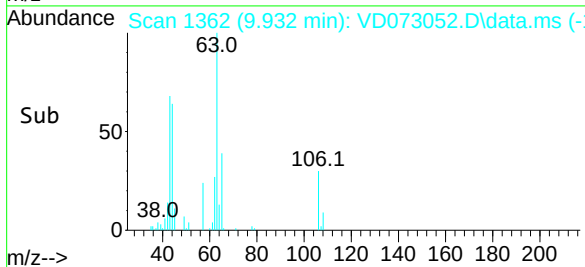
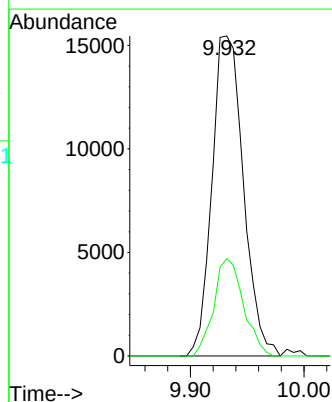
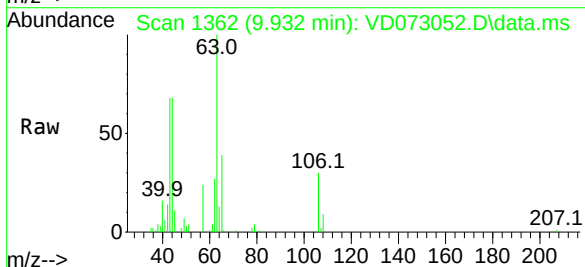
Acq: 17 May 2022 10:19

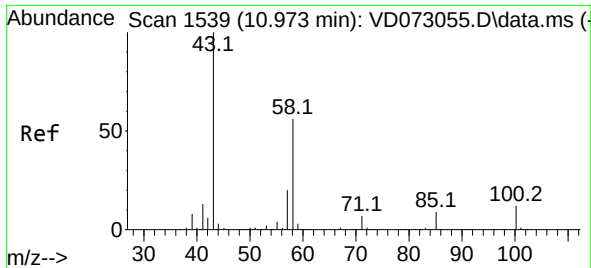
Tgt Ion: 63 Resp: 29698

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

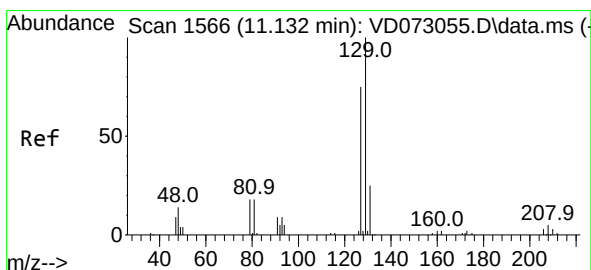
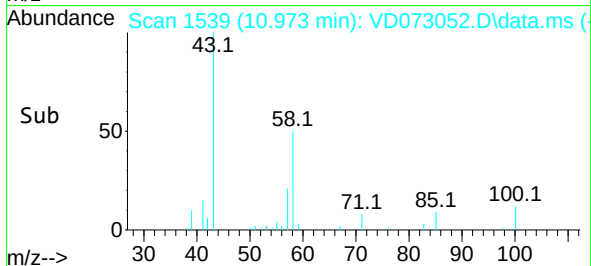
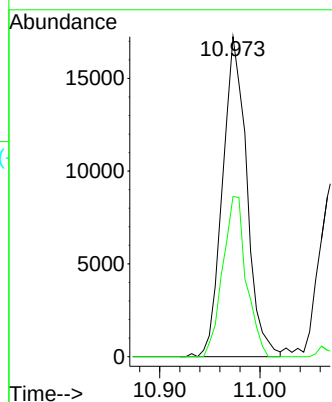
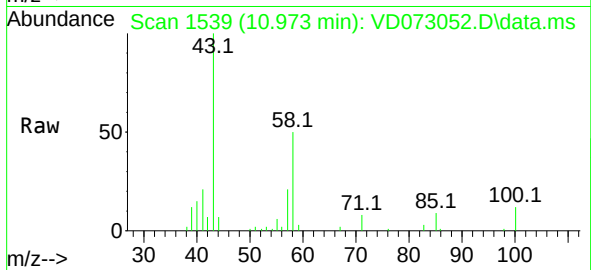




#59
2-Hexanone
Concen: 17.889 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

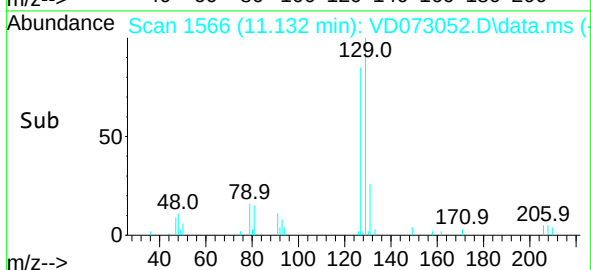
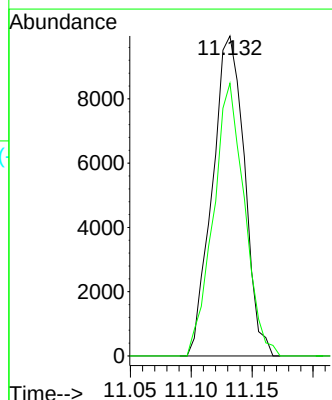
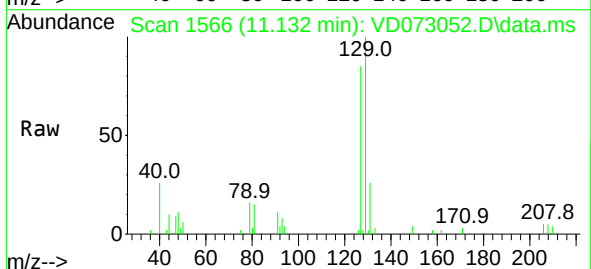
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

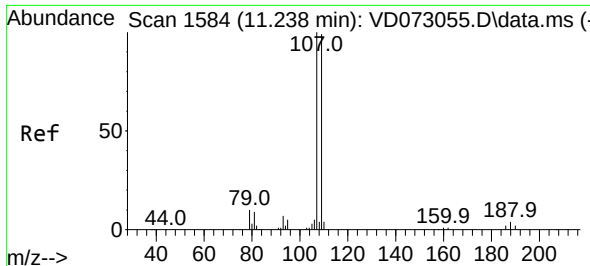
Tgt Ion: 43 Resp: 28924
Ion Ratio Lower Upper
43 100
58 48.6 25.3 75.9



#60
Dibromochloromethane
Concen: 4.601 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 129 Resp: 18225
Ion Ratio Lower Upper
129 100
127 82.8 39.2 117.6

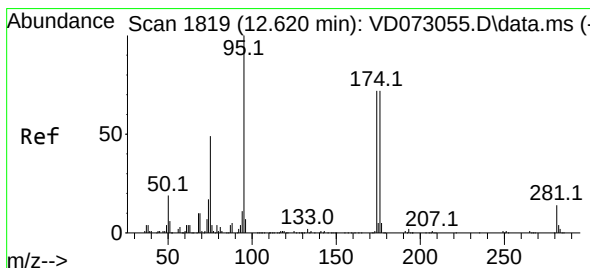
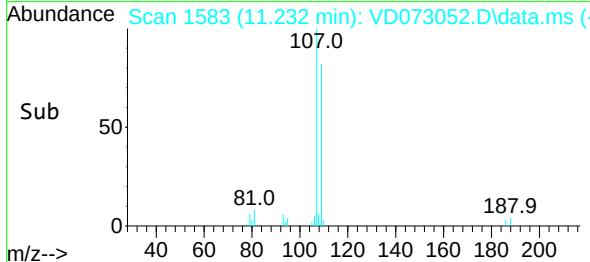
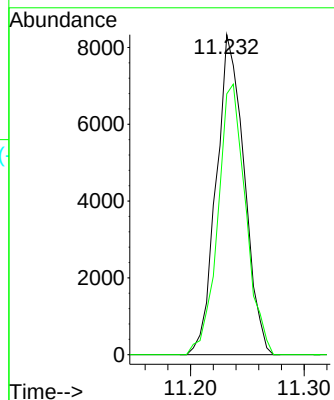
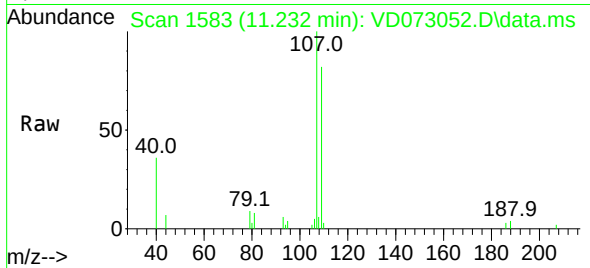




#61
1,2-Dibromoethane
Concen: 4.666 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

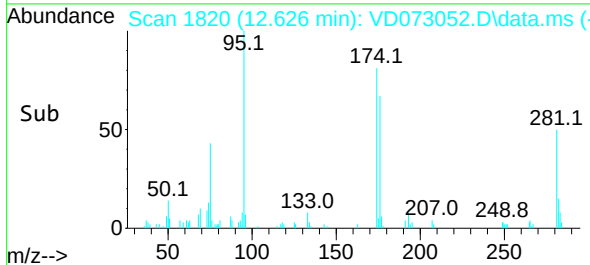
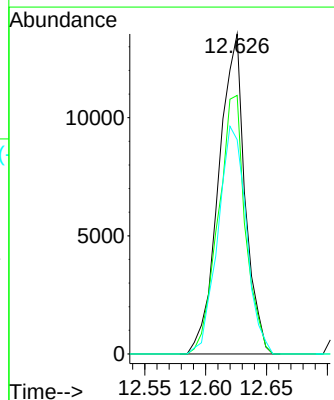
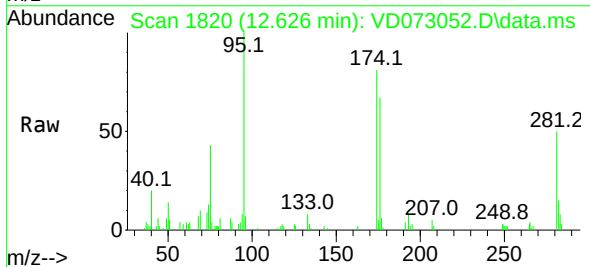
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

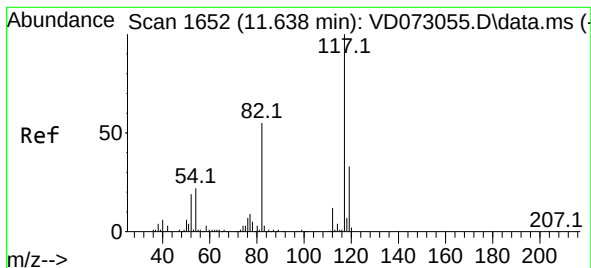
Tgt Ion:107 Resp: 14220
Ion Ratio Lower Upper
107 100
109 84.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 4.417 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 95 Resp: 20422
Ion Ratio Lower Upper
95 100
174 83.0 0.0 152.8
176 76.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

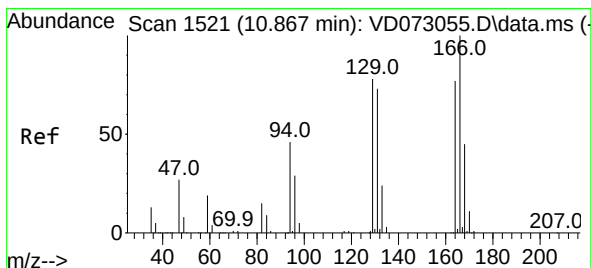
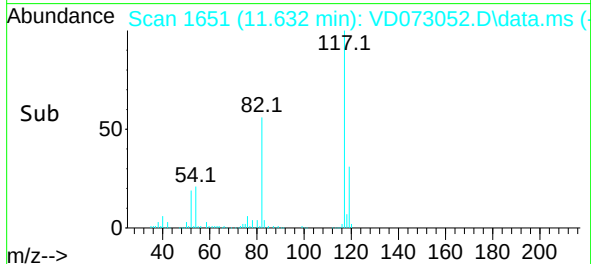
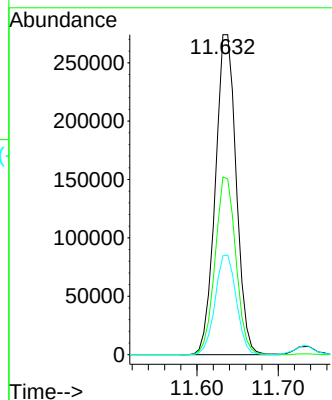
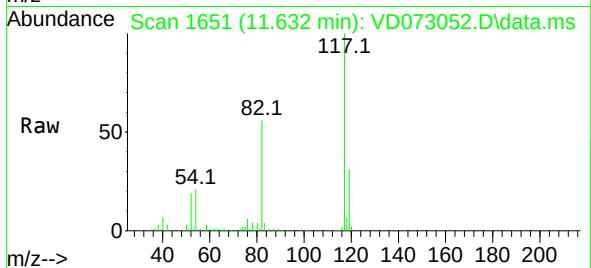
Tgt Ion:117 Resp: 490230

Ion Ratio Lower Upper

117 100

82 55.5 45.3 67.9

119 30.9 26.6 40.0



#64

Tetrachloroethene

Concen: 4.585 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Tgt Ion:164 Resp: 16295

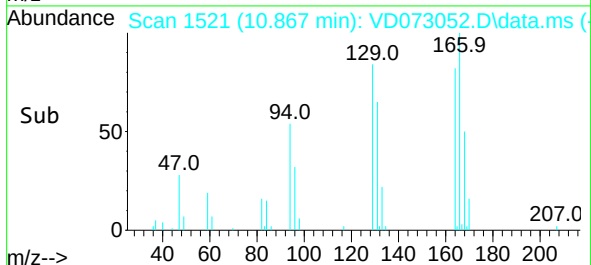
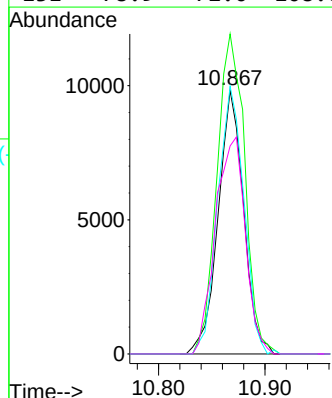
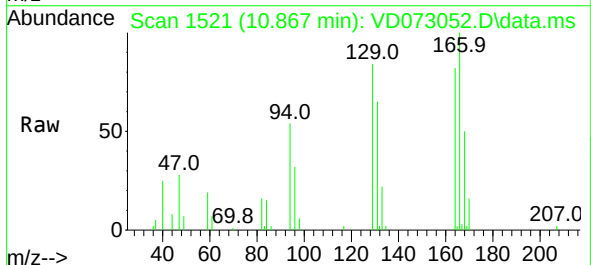
Ion Ratio Lower Upper

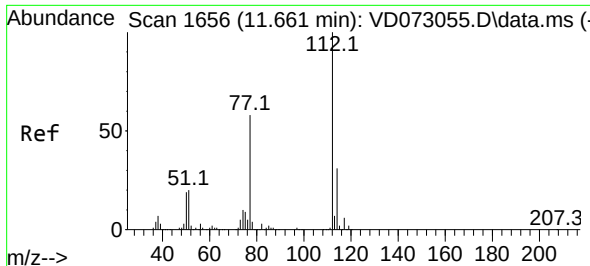
164 100

166 121.4 98.5 147.7

129 101.6 74.6 111.8

131 78.9 72.0 108.0

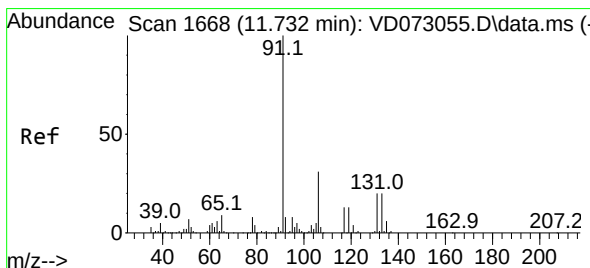
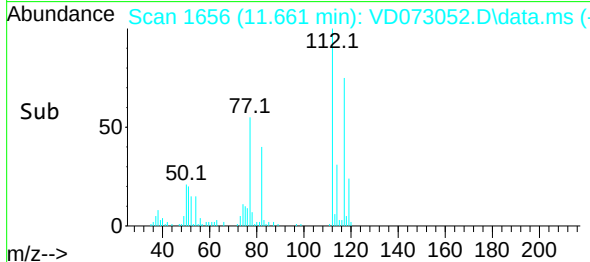
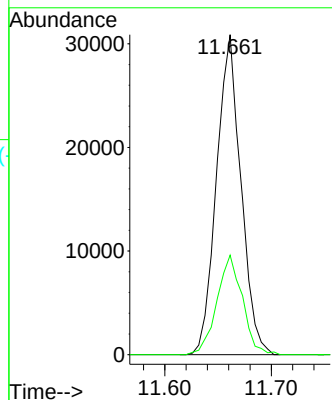
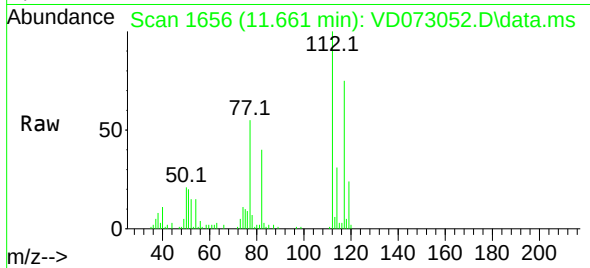




#65
Chlorobenzene
Concen: 4.381 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

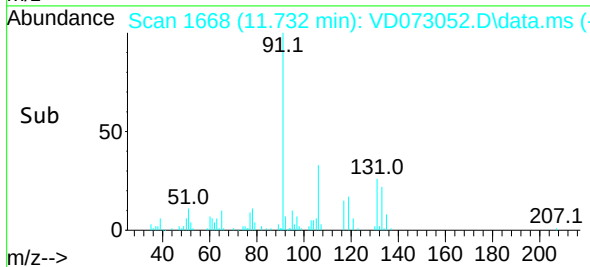
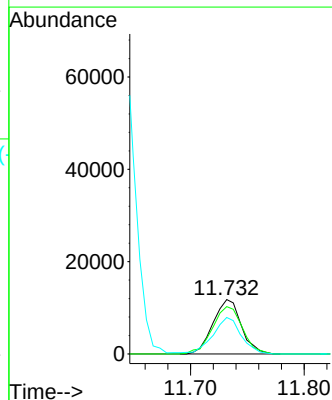
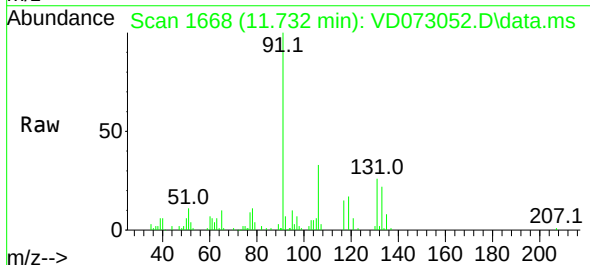
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

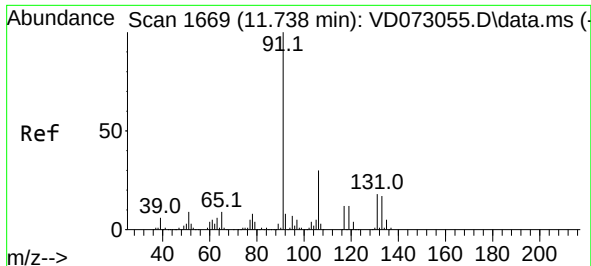
Tgt Ion:112 Resp: 49110
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.826 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion:131 Resp: 20299
Ion Ratio Lower Upper
131 100
133 92.4 48.1 144.3
119 67.4 31.9 95.9





#67

Ethyl Benzene

Concen: 4.022 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

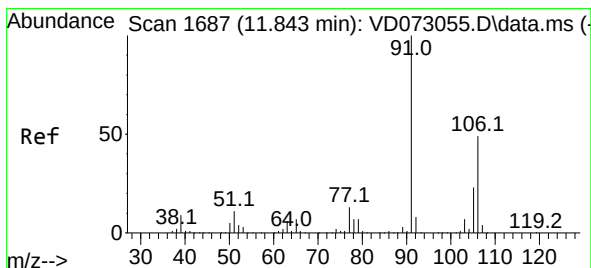
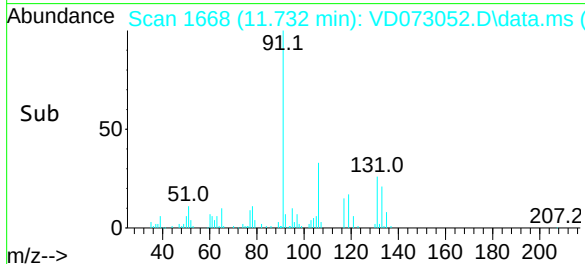
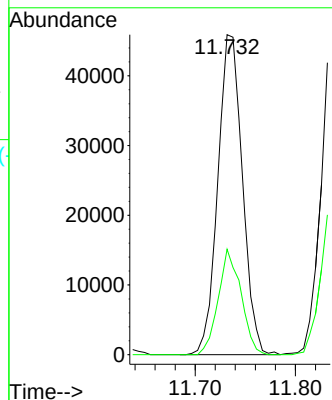
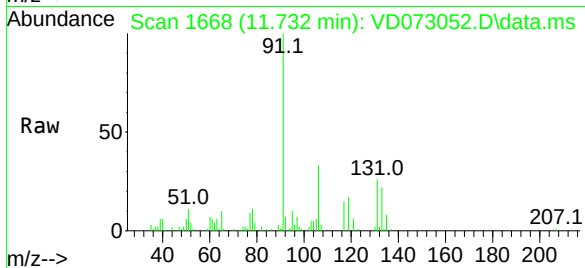
VSTDIC005

Tgt Ion: 91 Resp: 78107

Ion Ratio Lower Upper

91 100

106 33.0 24.2 36.4



#68

m/p-Xylenes

Concen: 7.787 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.006 min

Lab File: VD073052.D

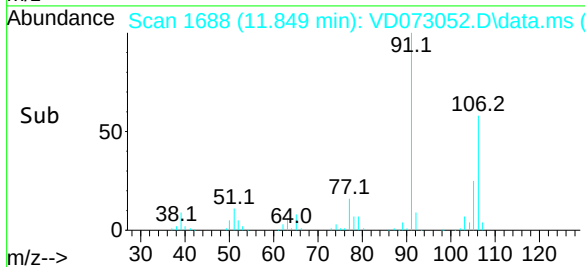
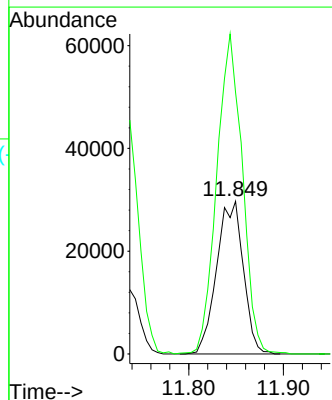
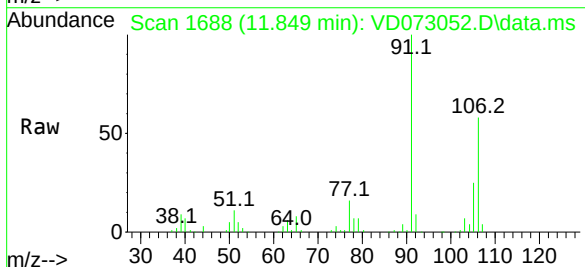
Acq: 17 May 2022 10:19

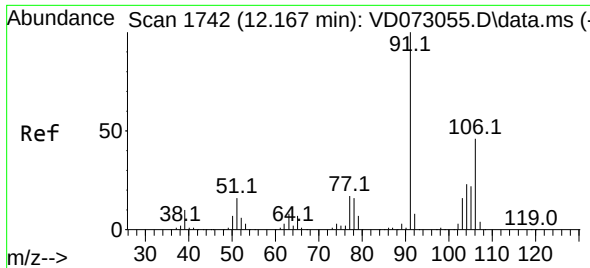
Tgt Ion: 106 Resp: 58105

Ion Ratio Lower Upper

106 100

91 201.4 163.7 245.5

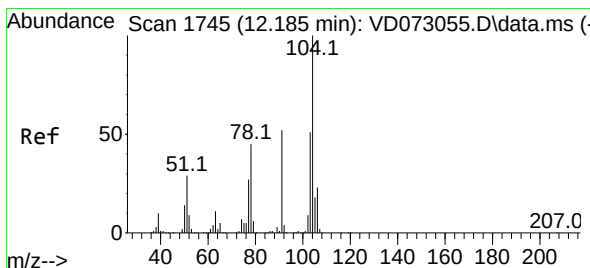
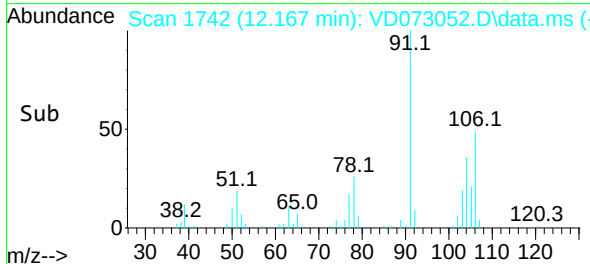
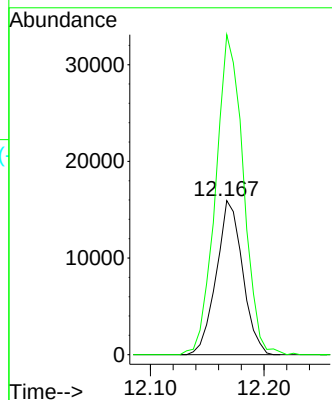
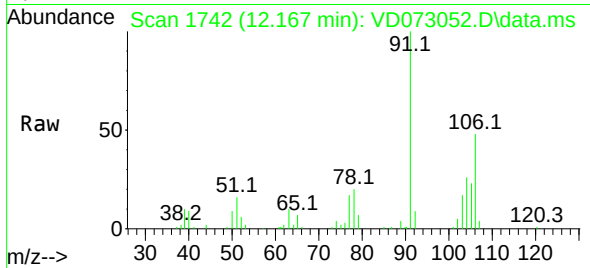




#69
o-Xylene
Concen: 3.682 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

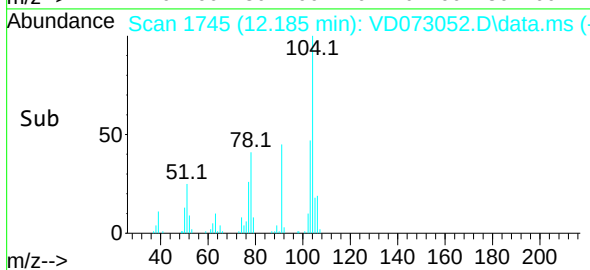
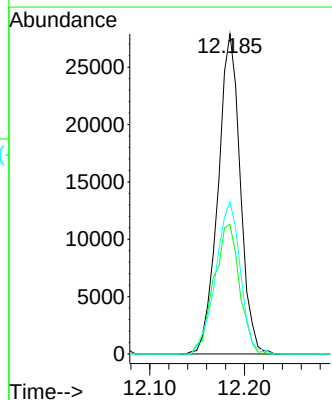
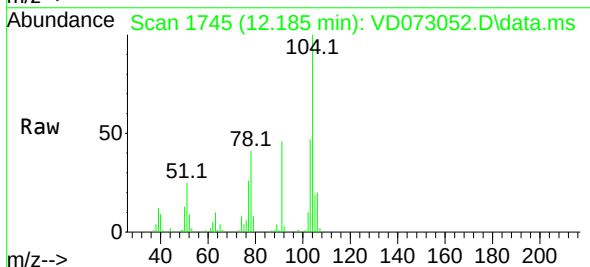
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

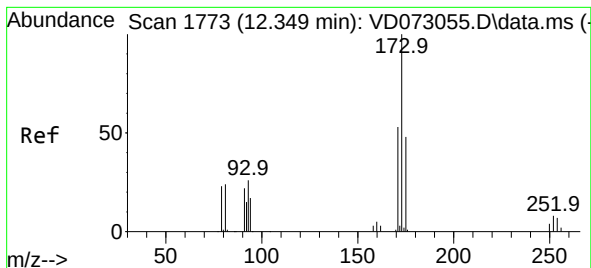
Tgt Ion:106 Resp: 25662
Ion Ratio Lower Upper
106 100
91 218.9 110.4 331.2



#70
Styrene
Concen: 3.756 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion:104 Resp: 45529
Ion Ratio Lower Upper
104 100
78 46.5 41.8 62.8
103 52.7 44.2 66.4





#71

Bromoform

Concen: 4.318 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

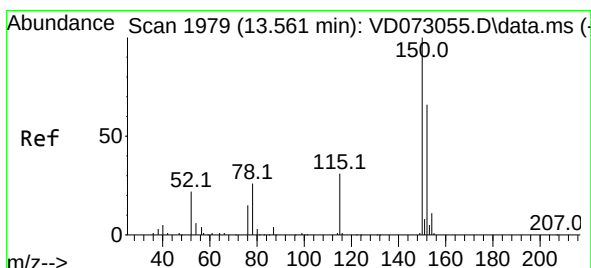
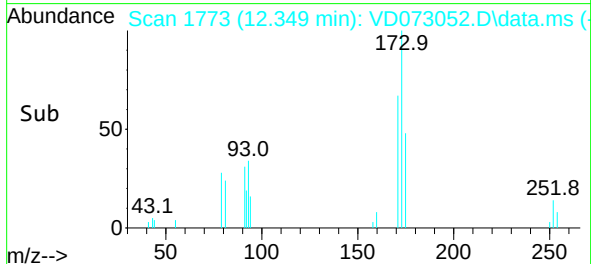
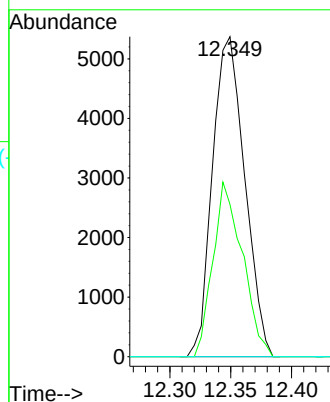
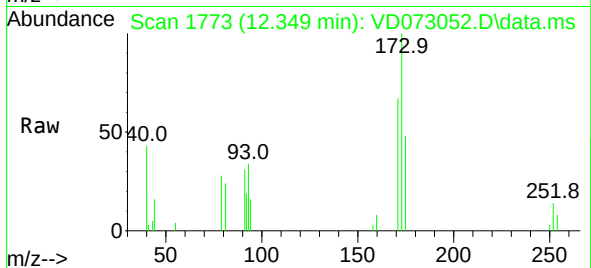
Tgt Ion:173 Resp: 9892

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

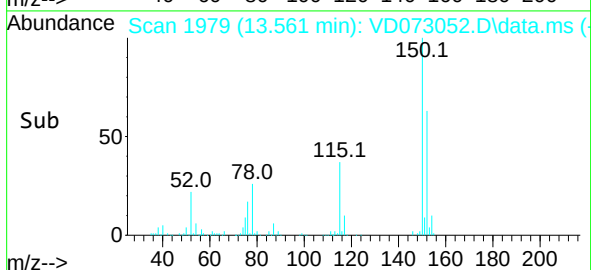
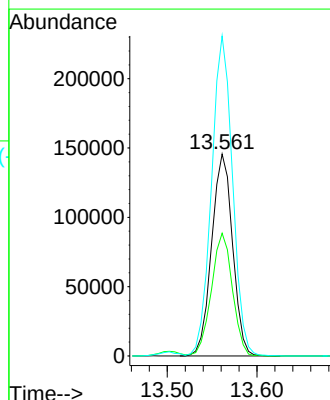
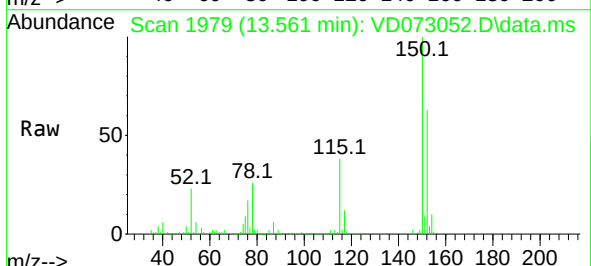
Tgt Ion:152 Resp: 235683

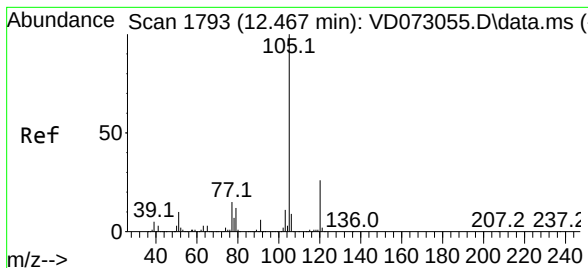
Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 159.1 0.0 348.6





#73

Isopropylbenzene

Concen: 3.712 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

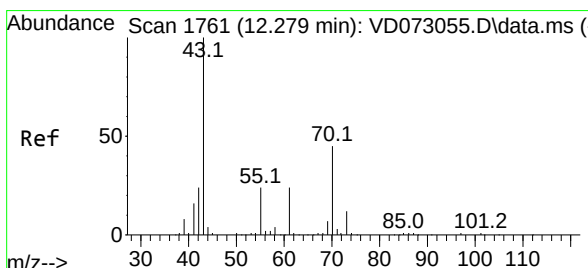
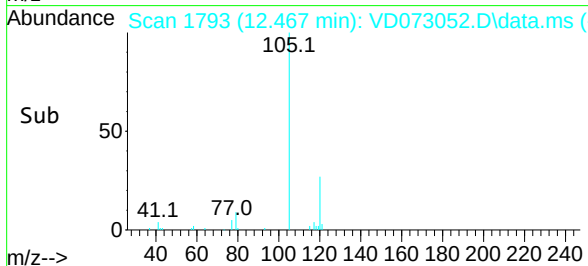
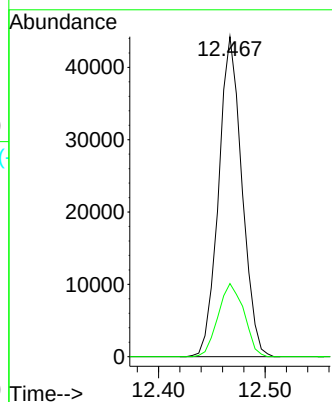
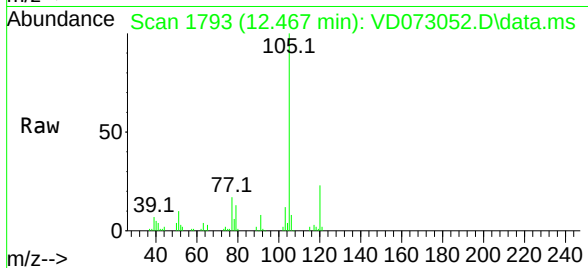
VSTDIC005

Tgt Ion:105 Resp: 67300

Ion Ratio Lower Upper

105 100

120 25.3 13.0 38.9



#74

N-ethyl acetate

Concen: 3.570 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Tgt Ion: 43 Resp: 16055

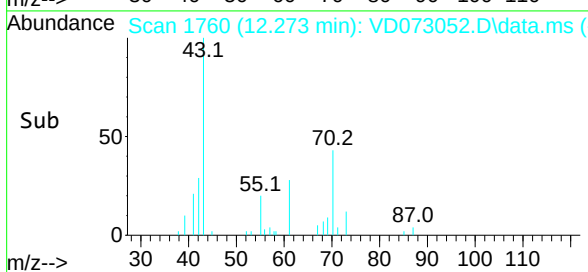
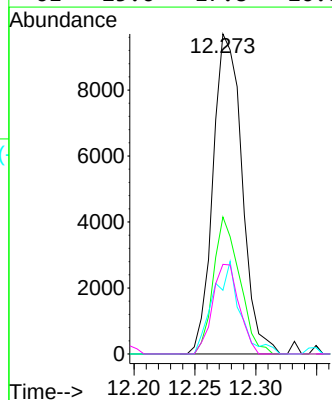
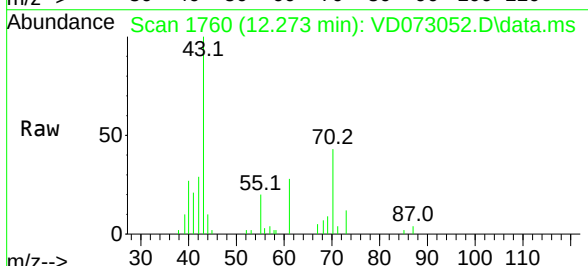
Ion Ratio Lower Upper

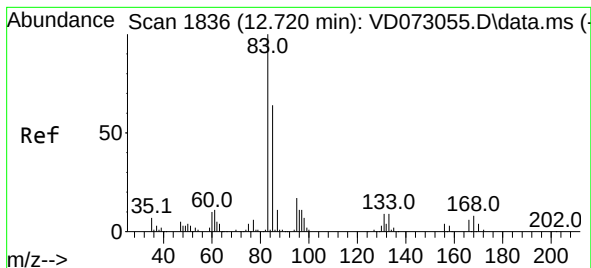
43 100

70 38.5 31.3 46.9

55 26.7 20.0 30.0

61 25.6 17.8 26.8

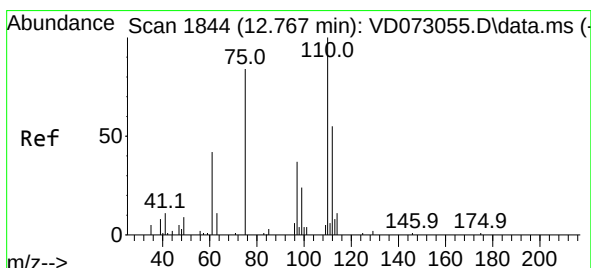
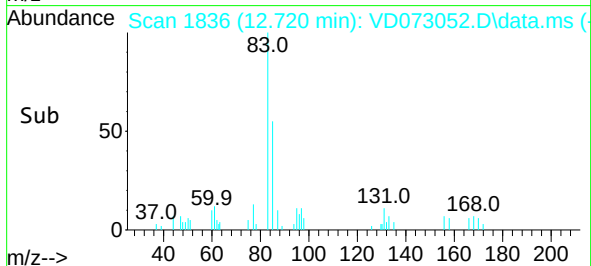
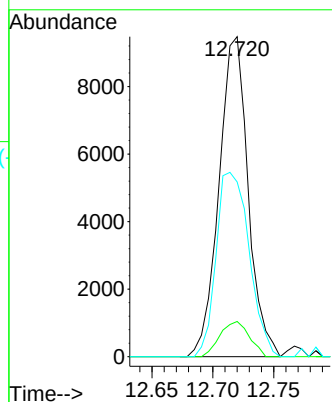
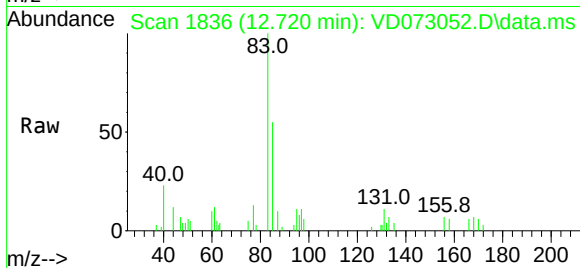




#75
1,1,2,2-Tetrachloroethane
Concen: 4.287 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

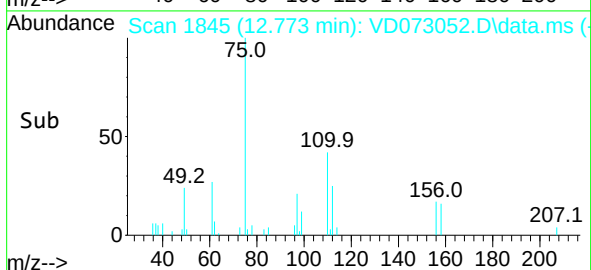
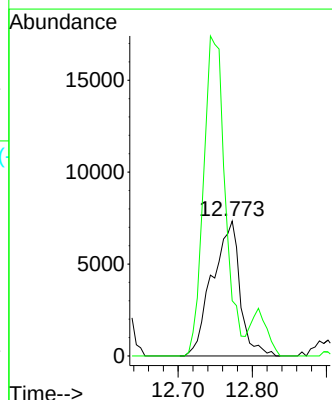
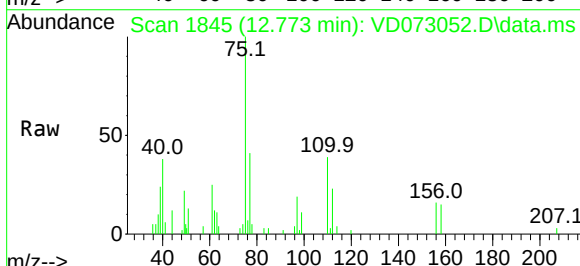
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

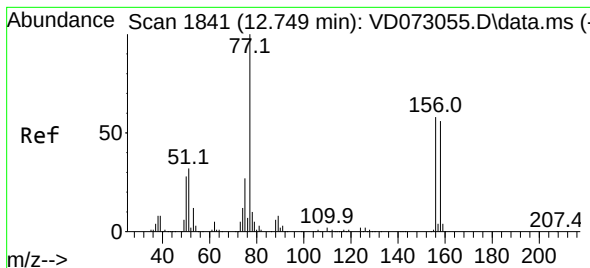
Tgt Ion: 83 Resp: 15792
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 65.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 7.294 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 75 Resp: 18942
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.262 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

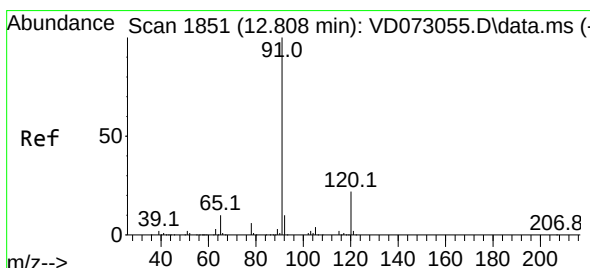
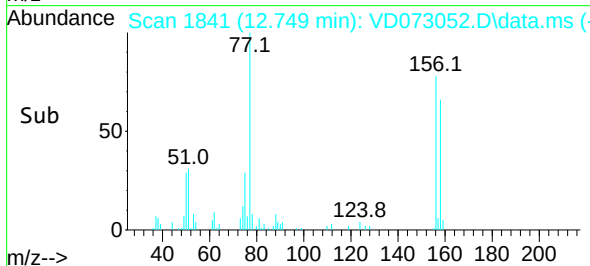
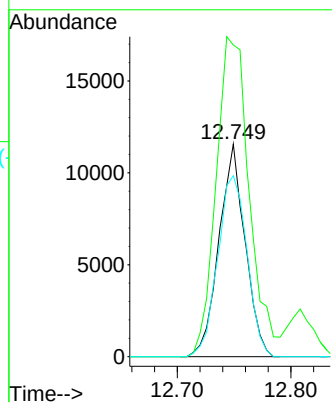
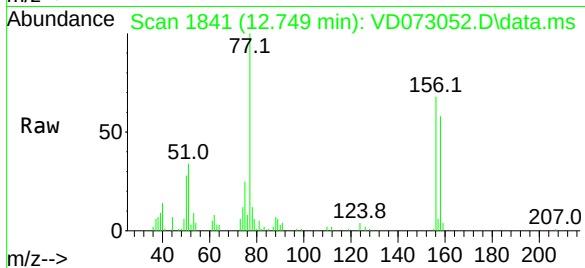
Tgt Ion:156 Resp: 18449

Ion Ratio Lower Upper

156 100

77 192.0 102.8 308.3

158 95.8 48.7 146.1



#78

n-propylbenzene

Concen: 3.747 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073052.D

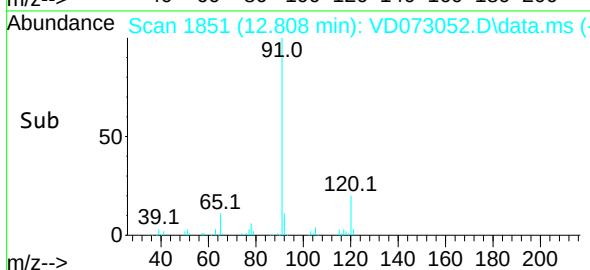
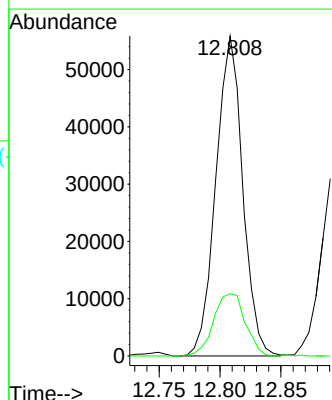
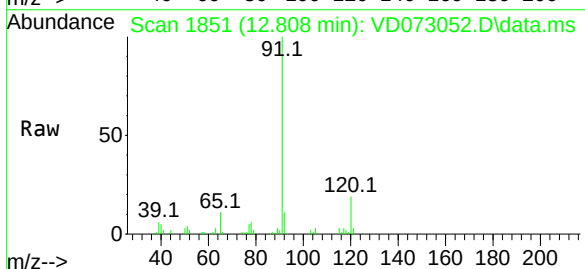
Acq: 17 May 2022 10:19

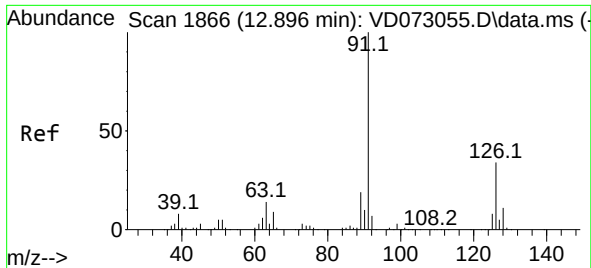
Tgt Ion: 91 Resp: 85580

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9

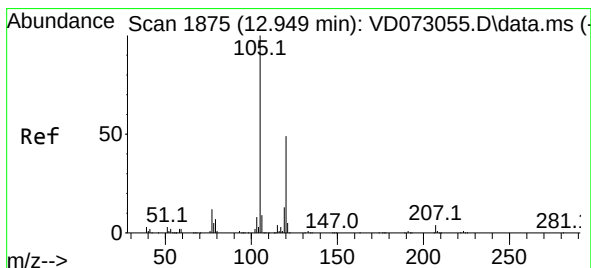
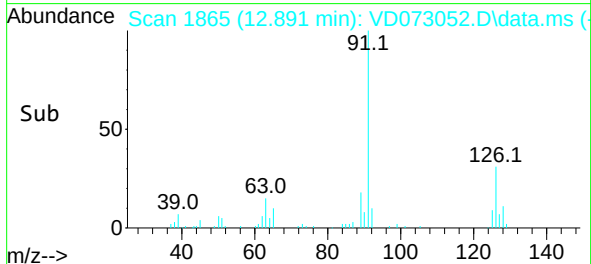
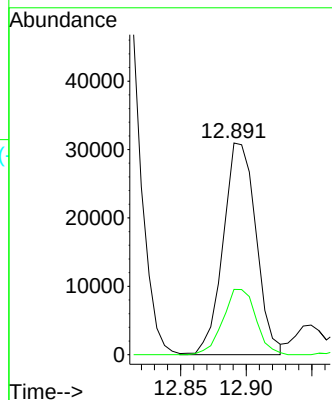
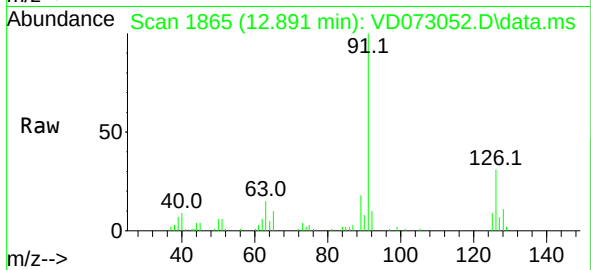




#79
2-Chlorotoluene
Concen: 4.028 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

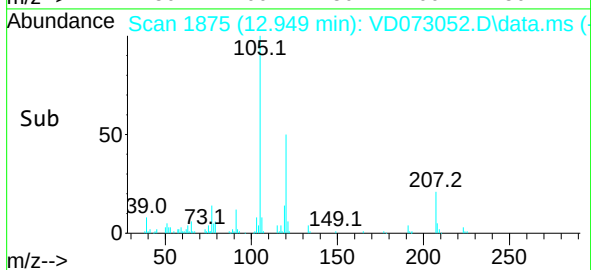
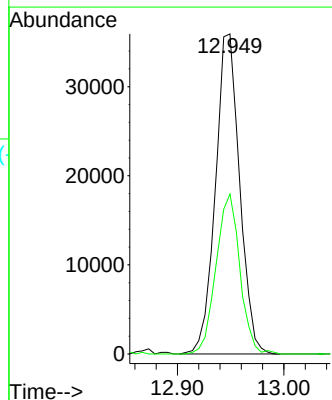
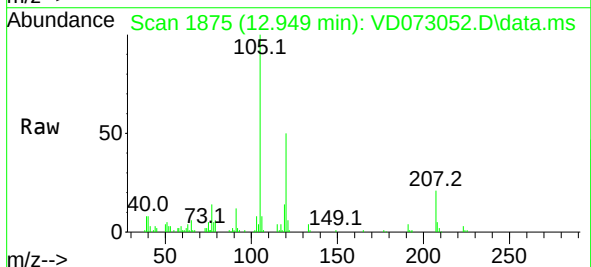
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

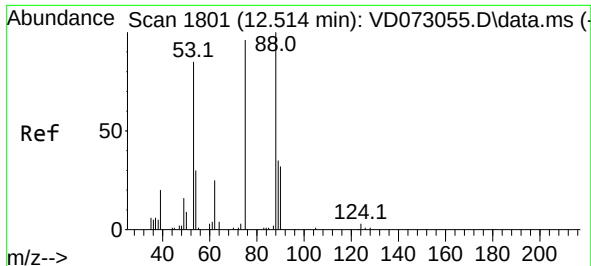
Tgt Ion: 91 Resp: 53920
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 3.687 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 105 Resp: 56629
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

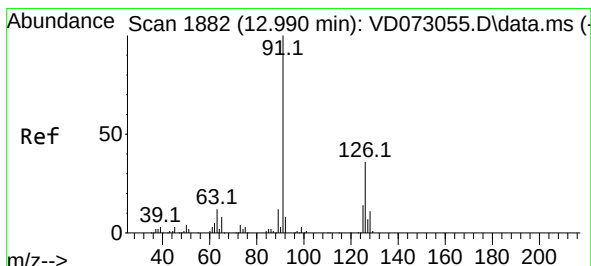
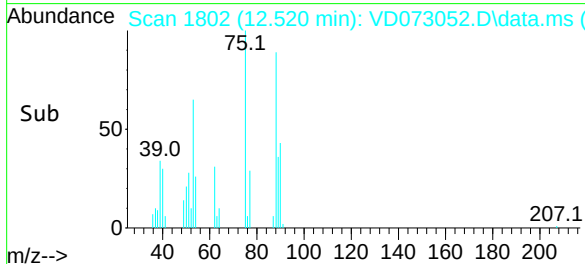
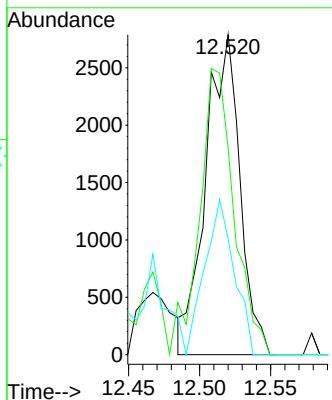
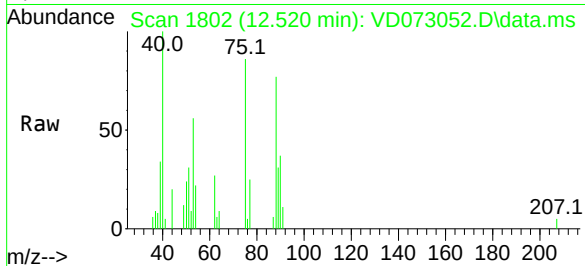




#81
trans-1,4-Dichloro-2-butene
Concen: 4.116 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

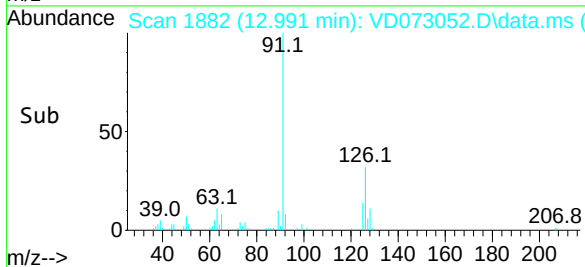
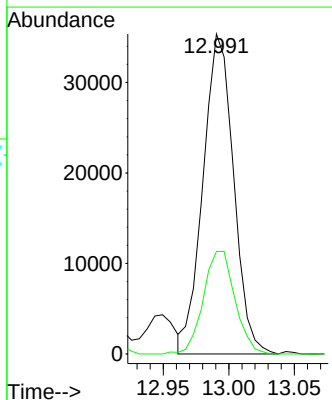
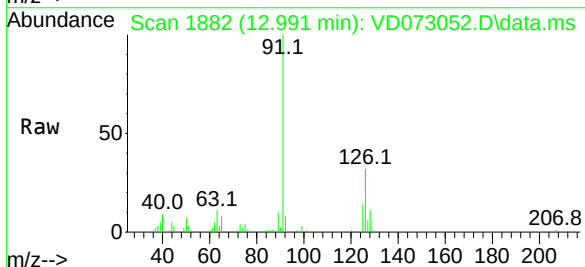
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

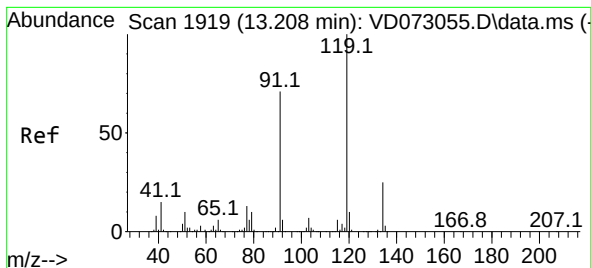
Tgt Ion: 75 Resp: 4664
Ion Ratio Lower Upper
75 100
53 90.3 86.5 129.7
89 41.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 4.098 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 91 Resp: 57278
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 3.648 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

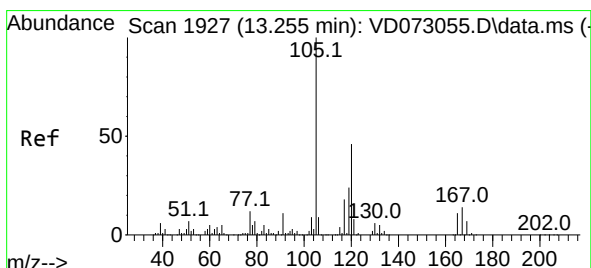
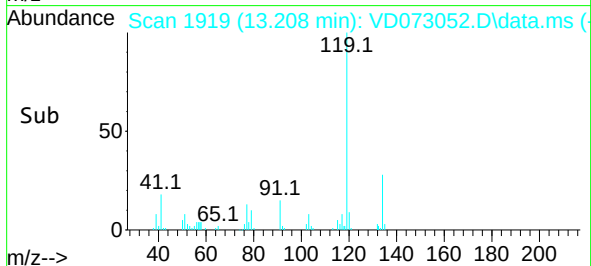
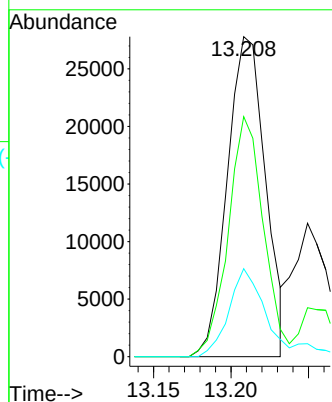
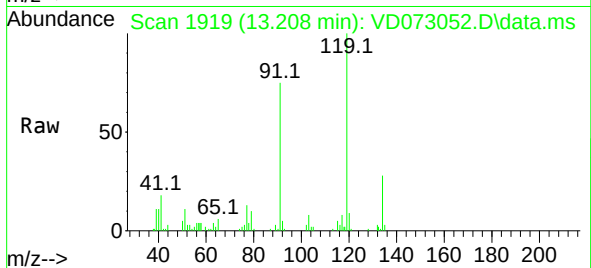
Tgt Ion:119 Resp: 47612

Ion Ratio Lower Upper

119 100

91 69.3 34.8 104.5

134 28.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 3.711 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073052.D

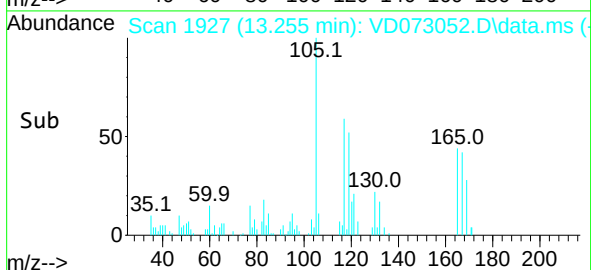
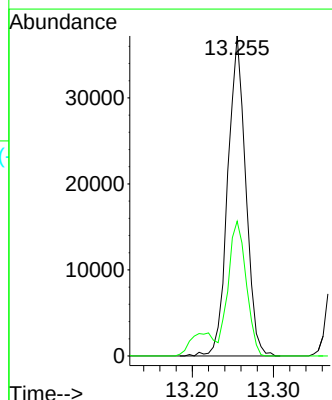
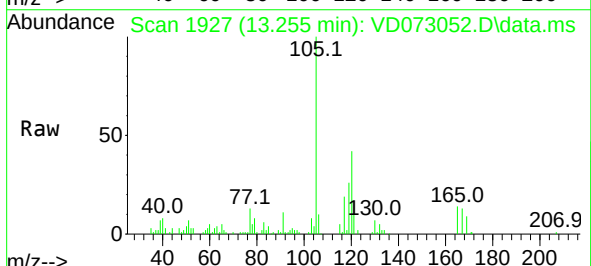
Acq: 17 May 2022 10:19

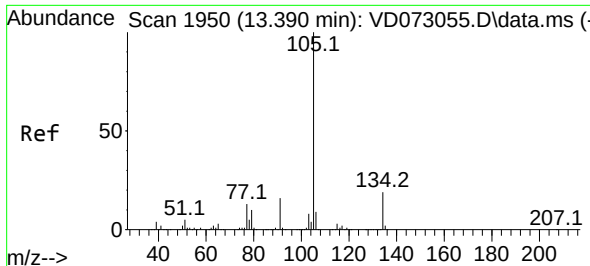
Tgt Ion:105 Resp: 57117

Ion Ratio Lower Upper

105 100

120 42.0 22.3 66.8

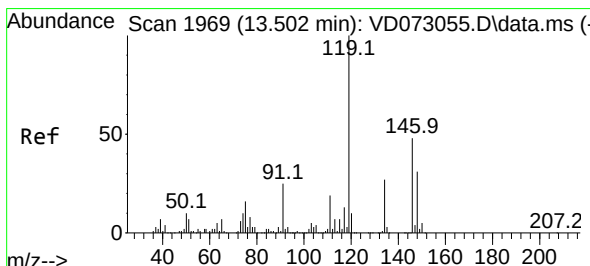
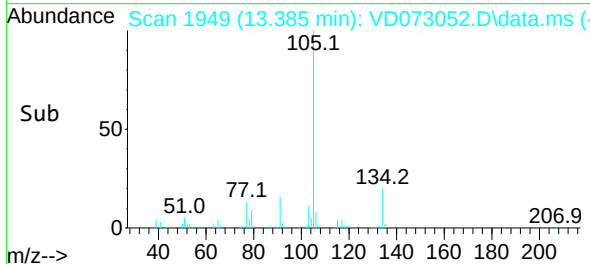
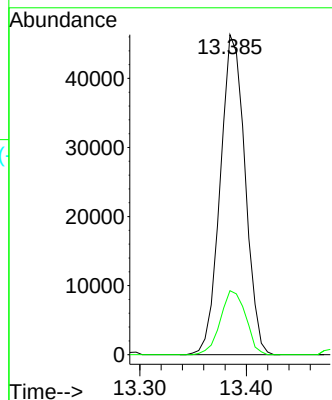
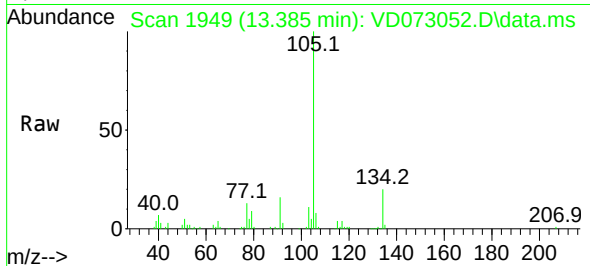




#85
 sec-Butylbenzene
 Concen: 3.807 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

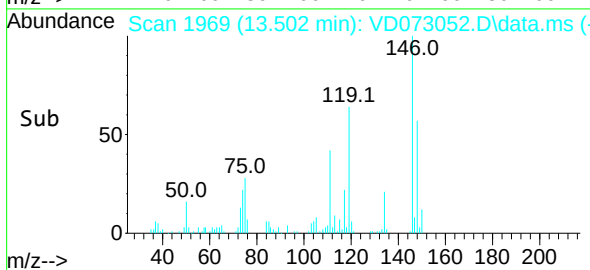
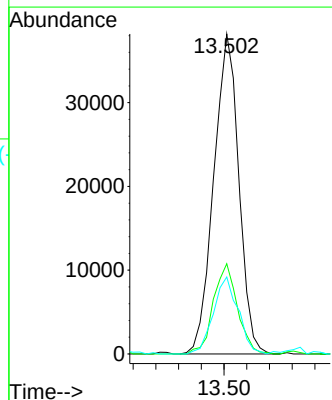
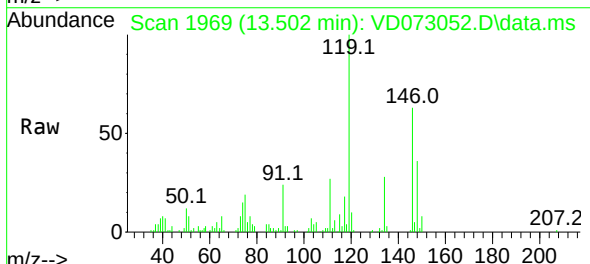
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

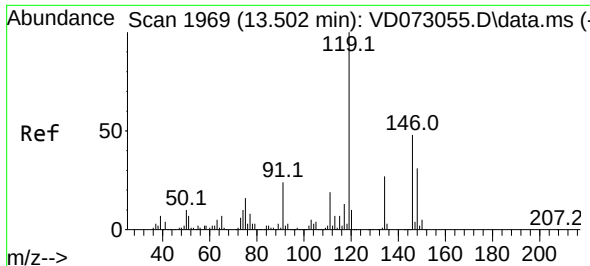
Tgt Ion:105 Resp: 74910
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.622 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073052.D
 Acq: 17 May 2022 10:19

Tgt Ion:119 Resp: 58508
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.9 38.6
 91 23.8 12.1 36.3

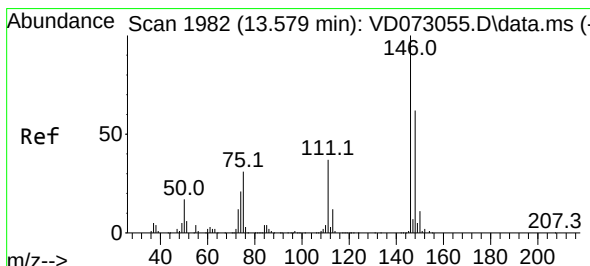
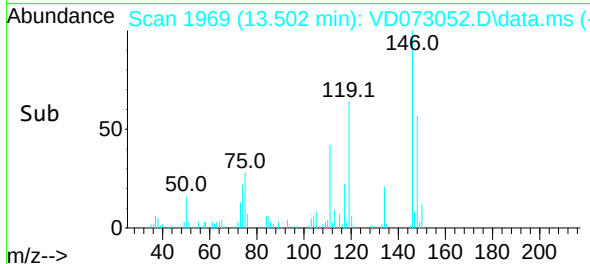
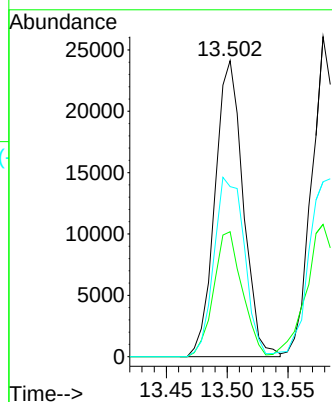
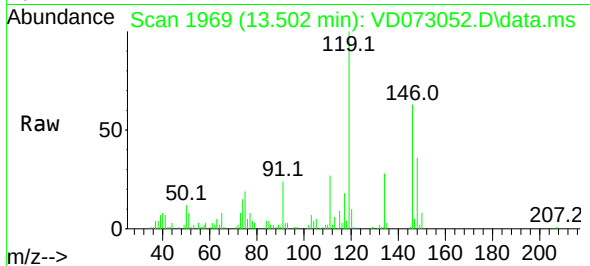




#87
1,3-Dichlorobenzene
Concen: 4.435 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

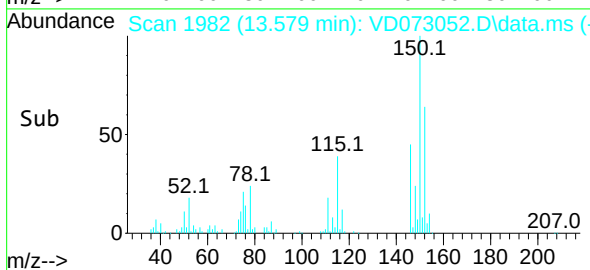
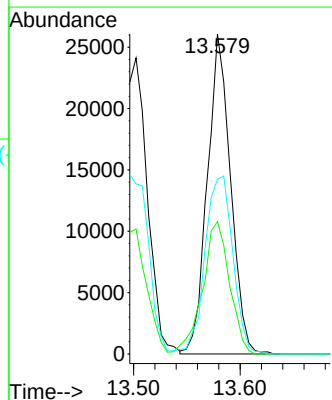
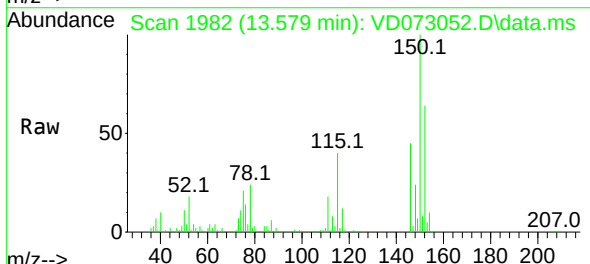
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

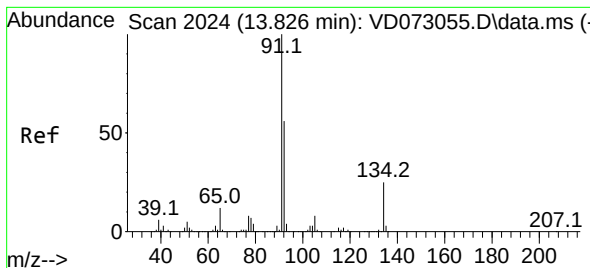
Tgt Ion:146 Resp: 38830
Ion Ratio Lower Upper
146 100
111 42.8 20.4 61.3
148 65.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 4.545 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion:146 Resp: 39535
Ion Ratio Lower Upper
146 100
111 48.2 20.3 60.9
148 66.8 31.7 95.1





#89

n-Butylbenzene

Concen: 3.795 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

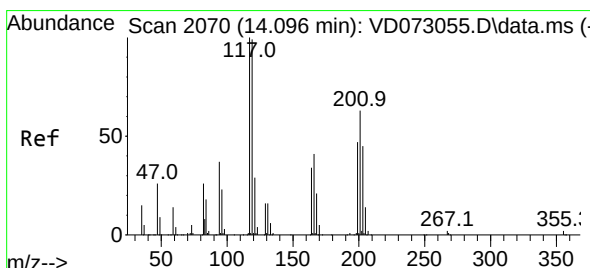
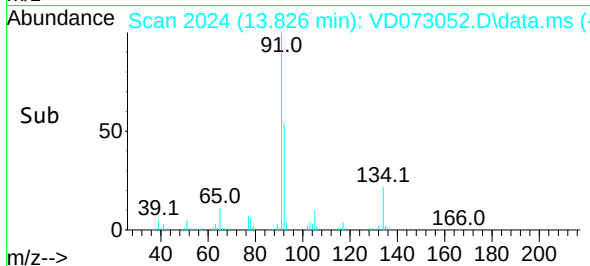
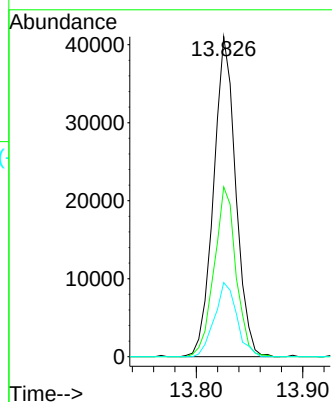
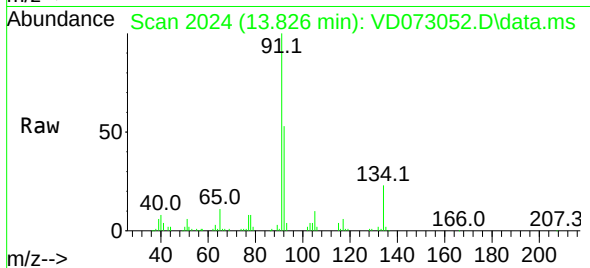
Tgt Ion: 91 Resp: 59318

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.8

134 23.3 12.3 36.9



#90

Hexachloroethane

Concen: 4.455 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073052.D

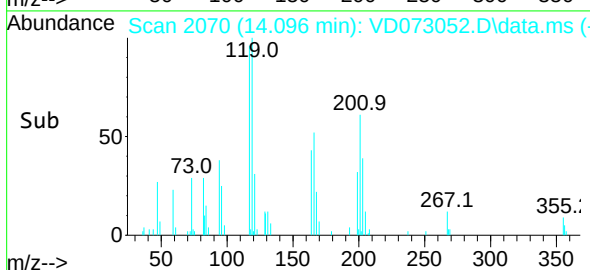
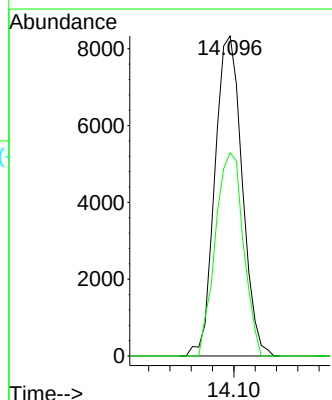
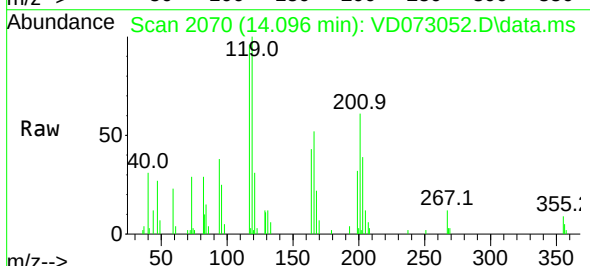
Acq: 17 May 2022 10:19

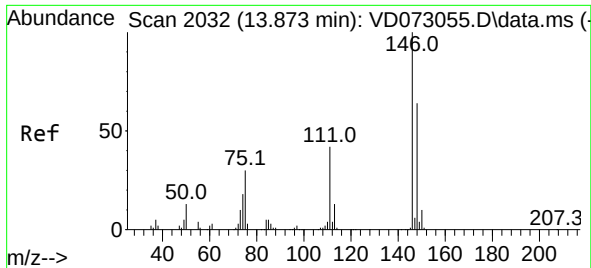
Tgt Ion: 117 Resp: 14778

Ion Ratio Lower Upper

117 100

201 65.2 33.4 100.2

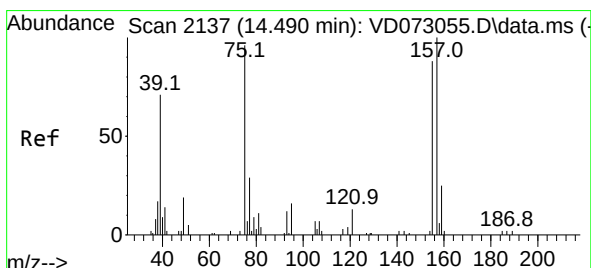
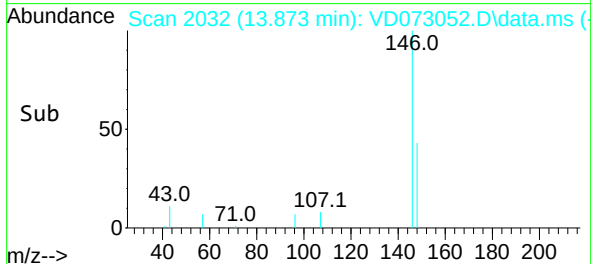
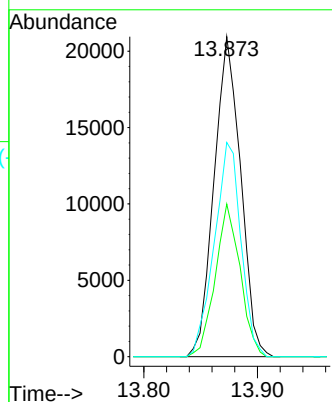
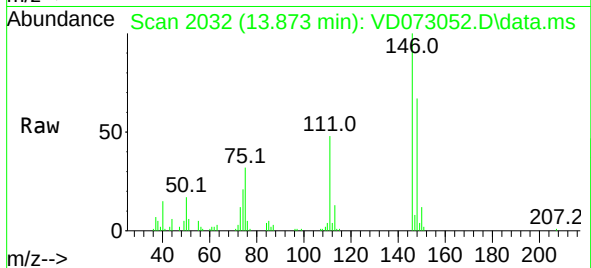




#91
1,2-Dichlorobenzene
Concen: 4.468 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

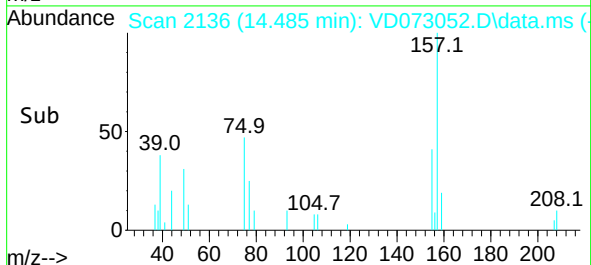
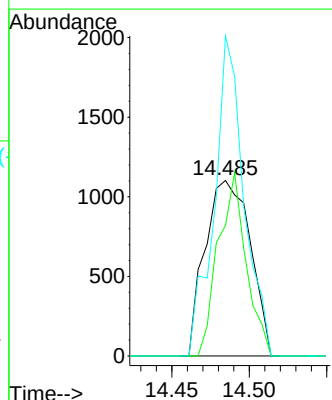
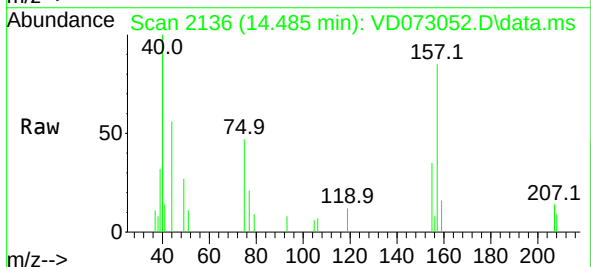
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

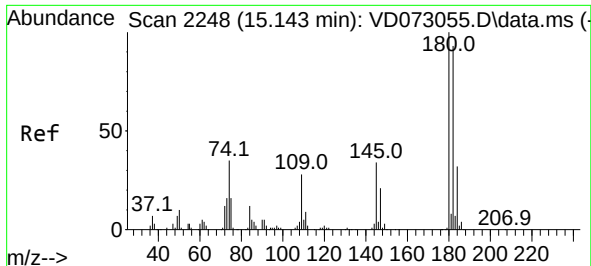
Tgt Ion:146 Resp: 33968
Ion Ratio Lower Upper
146 100
111 44.8 21.1 63.3
148 67.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.844 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion: 75 Resp: 2230
Ion Ratio Lower Upper
75 100
155 64.4 36.8 110.3
157 120.9 48.4 145.0

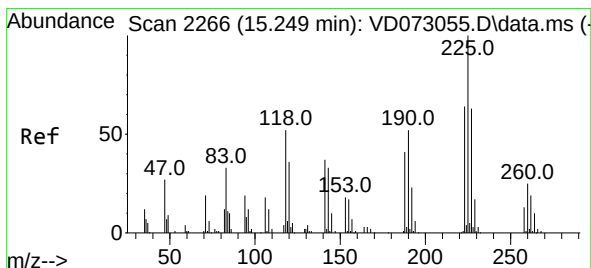
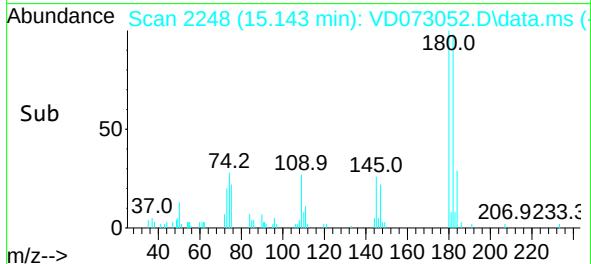
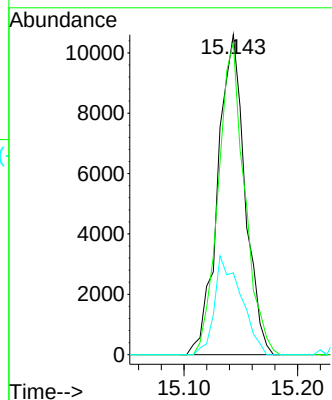
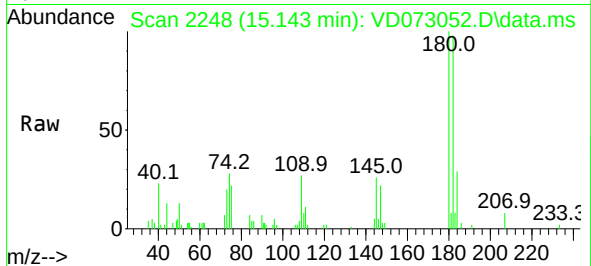




#93
1,2,4-Trichlorobenzene
Concen: 3.943 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

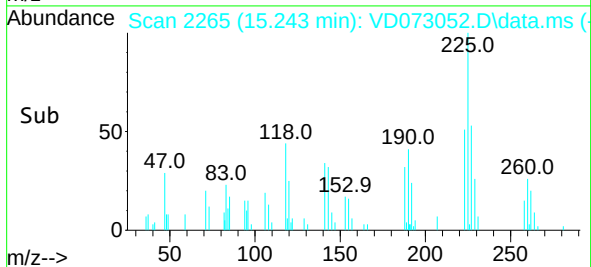
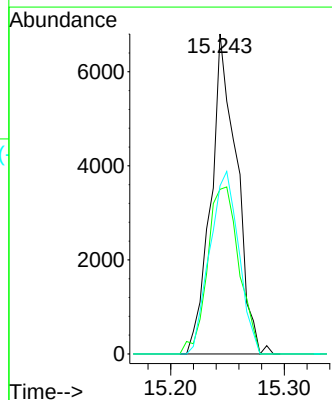
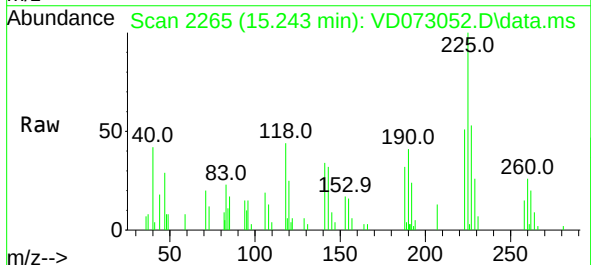
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

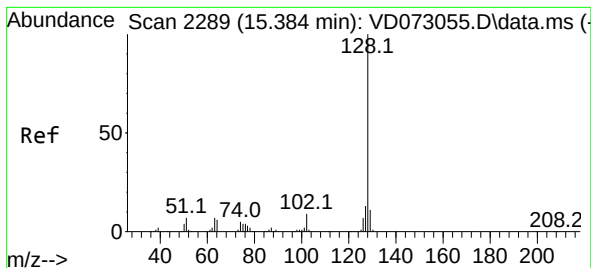
Tgt Ion:180 Resp: 17632
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 30.1 16.2 48.5



#94
Hexachlorobutadiene
Concen: 4.366 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD073052.D
Acq: 17 May 2022 10:19

Tgt Ion:225 Resp: 10689
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 64.3 32.4 97.0





#95

Naphthalene

Concen: 3.198 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

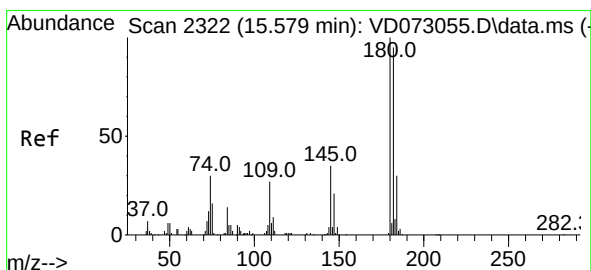
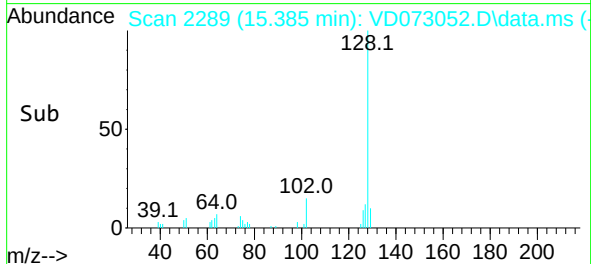
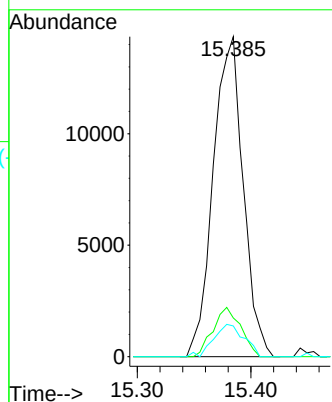
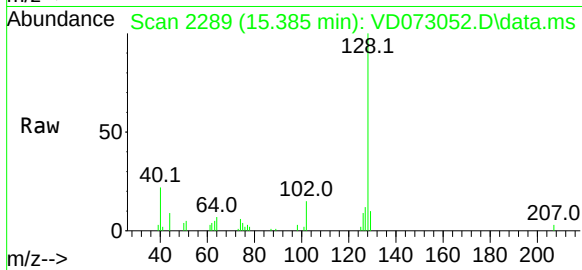
Tgt Ion:128 Resp: 26258

Ion Ratio Lower Upper

128 100

127 14.3 10.3 15.5

129 10.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 3.933 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073052.D

Acq: 17 May 2022 10:19

Tgt Ion:180 Resp: 15578

Ion Ratio Lower Upper

180 100

182 95.4 47.6 142.9

145 36.4 17.1 51.3

