

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062022\
 Data File : VD073630.D
 Acq On : 20 Jun 2022 13:42
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 21 05:02:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:00:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	229557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	394004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	374328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14463	5.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.960%#
35) Dibromofluoromethane	7.908	113	16161	5.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.300%#
50) Toluene-d8	10.332	98	50606	4.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.900%#
62) 4-Bromofluorobenzene	12.620	95	19437	5.181	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13066	5.909	ug/l	89
3) Chloromethane	2.209	50	11508	5.737	ug/l	95
4) Vinyl Chloride	2.350	62	9860	5.213	ug/l	95
5) Bromomethane	2.762	94	9108	6.169	ug/l	86
6) Chloroethane	2.920	64	7015	5.731	ug/l	99
7) Trichlorofluoromethane	3.273	101	25087	5.726	ug/l	93
8) Diethyl Ether	3.714	74	5987	5.238	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.097	101	14085	5.565	ug/l	98
10) Methyl Iodide	4.297	142	9937	4.053	ug/l #	46
11) Tert butyl alcohol	5.191	59	14094	48.315	ug/l #	76
12) 1,1-Dichloroethene	4.067	96	11126	5.029	ug/l #	92
13) Acrolein	3.920	56	1111	14.339	ug/l	94
14) Allyl chloride	4.714	41	14900	4.681	ug/l	92
15) Acrylonitrile	5.414	53	13225	25.504	ug/l	94
16) Acetone	4.150	43	12590	29.983	ug/l #	85
17) Carbon Disulfide	4.403	76	31229	4.897	ug/l	100
18) Methyl Acetate	4.720	43	10573	7.868	ug/l #	75
19) Methyl tert-butyl Ether	5.479	73	24240	4.631	ug/l	96
20) Methylene Chloride	4.956	84	24590	7.314	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	14148	5.379	ug/l	88
22) Diisopropyl ether	6.367	45	33600	4.704	ug/l #	89
23) Vinyl Acetate	6.297	43	57567	15.774	ug/l	98
24) 1,1-Dichloroethane	6.261	63	25643	5.362	ug/l	96
25) 2-Butanone	7.203	43	16330	26.715	ug/l	94
26) 2,2-Dichloropropane	7.203	77	23591	5.369	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	15480	5.101	ug/l	97
28) Bromochloromethane	7.550	49	10118	5.648	ug/l #	94
29) Tetrahydrofuran	7.550	42	8957	23.627	ug/l	98
30) Chloroform	7.702	83	30233	5.584	ug/l	97
31) Cyclohexane	7.979	56	22249	5.536	ug/l #	79
32) 1,1,1-Trichloroethane	7.902	97	25844	5.364	ug/l	97
36) 1,1-Dichloropropene	8.114	75	19782	4.941	ug/l	95
37) Ethyl Acetate	7.285	43	7590	4.927	ug/l	96
38) Carbon Tetrachloride	8.091	117	23725	5.218	ug/l	97
39) Methylcyclohexane	9.349	83	20559	4.634	ug/l	92
40) Benzene	8.344	78	57209	4.940	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	3953	4.636	ug/l #	46
42) 1,2-Dichloroethane	8.420	62	18295	5.288	ug/l	99
43) Isopropyl Acetate	8.438	43	12866	4.437	ug/l	93
44) Trichloroethene	9.108	130	17162	5.203	ug/l	88
45) 1,2-Dichloropropane	9.373	63	15027	5.163	ug/l	92
46) Dibromomethane	9.467	93	8059	4.876	ug/l	95
47) Bromodichloromethane	9.655	83	21371	4.969	ug/l	90
48) Methyl methacrylate	9.449	41	6663	4.539	ug/l	91
49) 1,4-Dioxane	9.449	88	1922	104.949	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	32563	21.871	ug/l	100
52) Toluene	10.396	92	34563	4.566	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	17834	4.528	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	22784	4.948	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	11733	5.028	ug/l	95
56) Ethyl methacrylate	10.655	69	11009	4.275	ug/l	98
57) 1,3-Dichloropropane	10.932	76	18708	4.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	24913	24.055	ug/l	98
59) 2-Hexanone	10.973	43	22270	21.690	ug/l	92
60) Dibromochloromethane	11.132	129	14994	4.928	ug/l	100
61) 1,2-Dibromoethane	11.238	107	10649	4.763	ug/l	98
64) Tetrachloroethene	10.873	164	15742	5.681	ug/l	91
65) Chlorobenzene	11.661	112	41638	4.981	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	16541	5.106	ug/l	96
67) Ethyl Benzene	11.738	91	63580	4.474	ug/l	94
68) m/p-Xylenes	11.843	106	48815	8.723	ug/l	97
69) o-Xylene	12.173	106	23596	4.524	ug/l	98
70) Styrene	12.185	104	37990	4.247	ug/l	99
71) Bromoform	12.343	173	8845	5.015	ug/l #	99
73) Isopropylbenzene	12.467	105	60007	4.340	ug/l	99
74) N-amyl acetate	12.279	43	11963	4.281	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	13256	5.099	ug/l	95
77) Bromobenzene	12.749	156	16065	4.775	ug/l	98
78) n-propylbenzene	12.808	91	72221	4.265	ug/l	98
79) 2-Chlorotoluene	12.896	91	45948	4.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	50626	4.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	3380	4.206	ug/l #	78
82) 4-Chlorotoluene	12.990	91	49206	4.641	ug/l	99
83) tert-Butylbenzene	13.208	119	42959	4.203	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	49954	4.289	ug/l	99
85) sec-Butylbenzene	13.385	105	66994	4.408	ug/l	98
86) p-Isopropyltoluene	13.502	119	52751	4.202	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	34062	4.907	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	35557	5.169	ug/l	95
89) n-Butylbenzene	13.826	91	52606	4.457	ug/l	97
90) Hexachloroethane	14.096	117	14326	5.343	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	29100	4.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2005	4.938	ug/l	93
93) 1,2,4-Trichlorobenzene	15.149	180	17020	4.879	ug/l	94
94) Hexachlorobutadiene	15.243	225	10127	5.123	ug/l	95
95) Naphthalene	15.379	128	24306	4.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	13872	4.571	ug/l	97

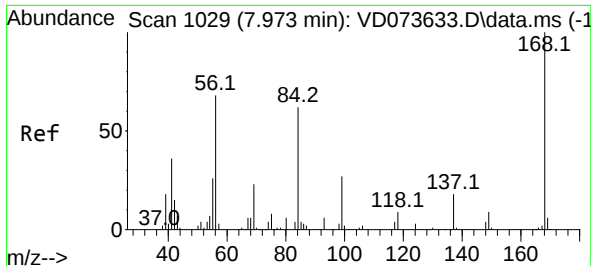
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Operator : VA/SY
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Jun 21 05:02:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 05:00:54 2022
Response via : Initial Calibration

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

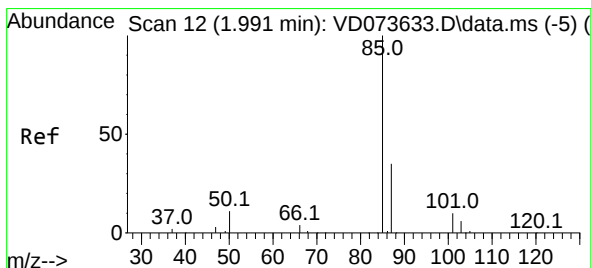
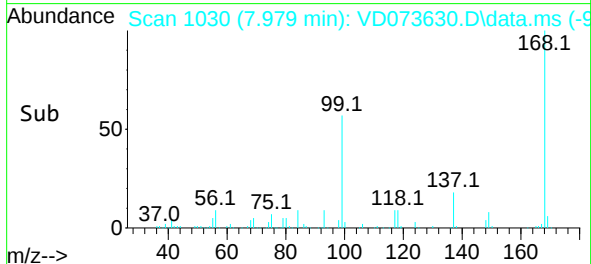
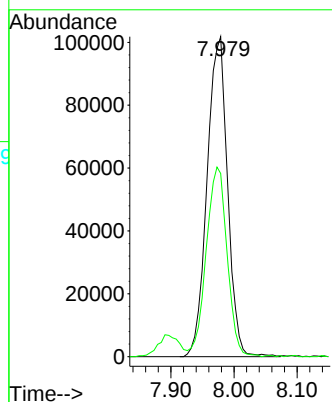
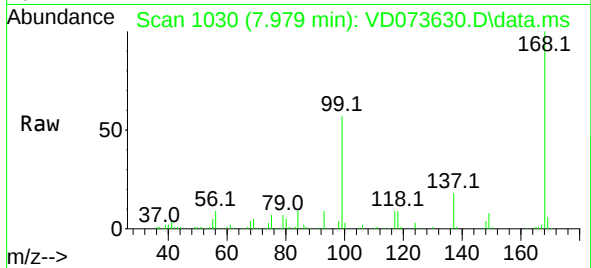
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

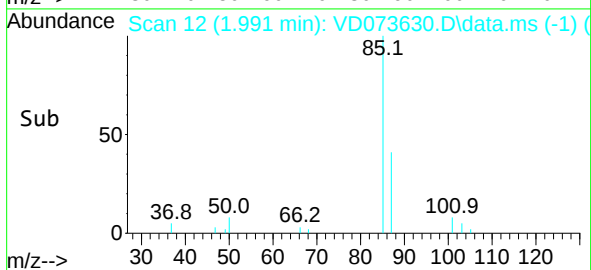
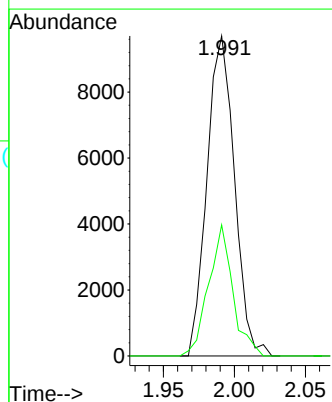
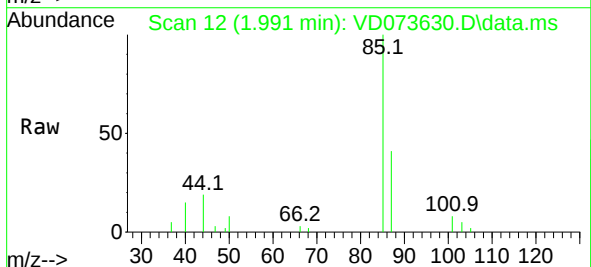
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MSVOA_D
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VSTDIC005

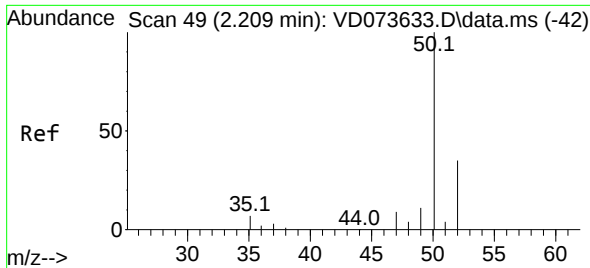
Tgt Ion:168 Resp: 229557
Ion Ratio Lower Upper
168 100
99 56.9 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 5.909 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 85 Resp: 13066
Ion Ratio Lower Upper
85 100
87 41.0 17.4 52.2

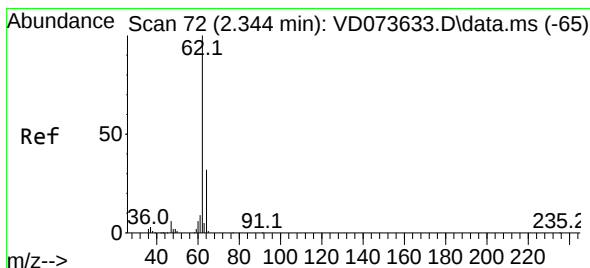
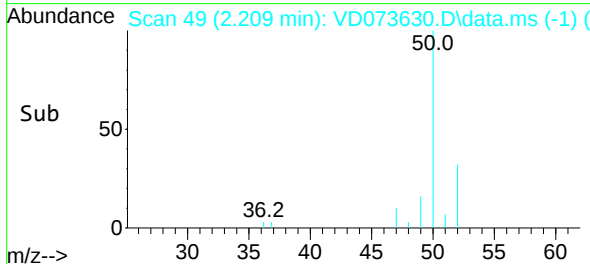
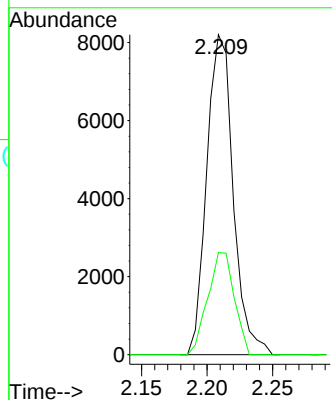
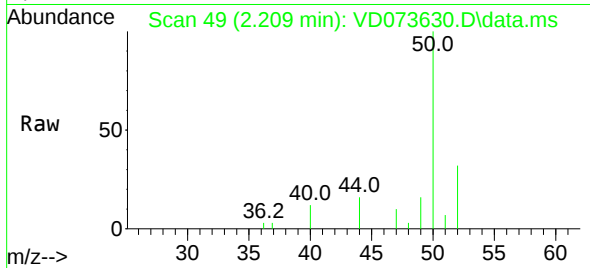




#3
Chloromethane
Concen: 5.737 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

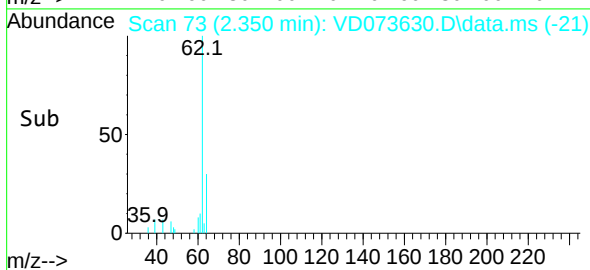
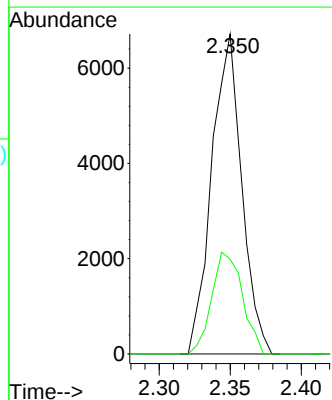
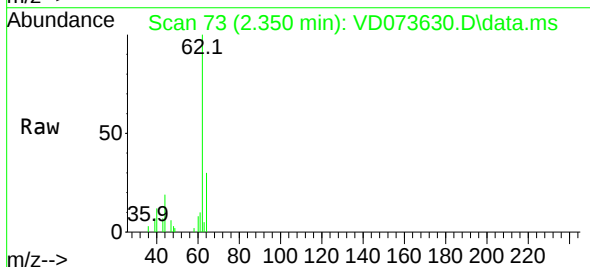
Instrument :
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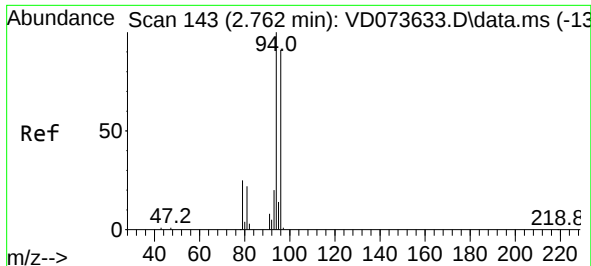
Tgt Ion: 50 Resp: 11508
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8



#4
Vinyl Chloride
Concen: 5.213 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 62 Resp: 9860
Ion Ratio Lower Upper
62 100
64 29.6 25.9 38.9

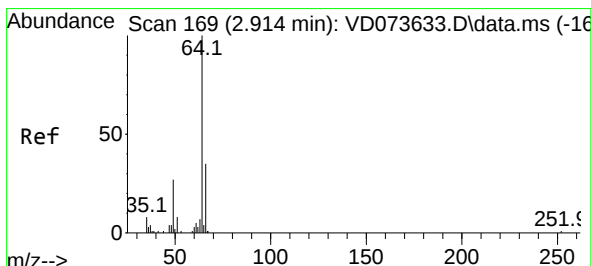
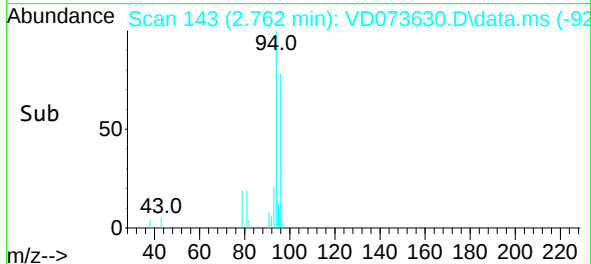
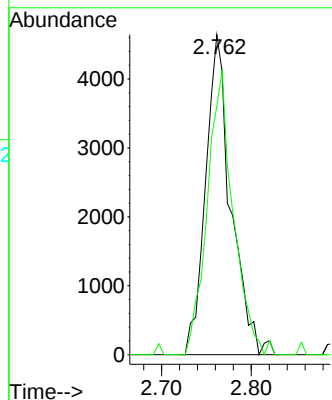
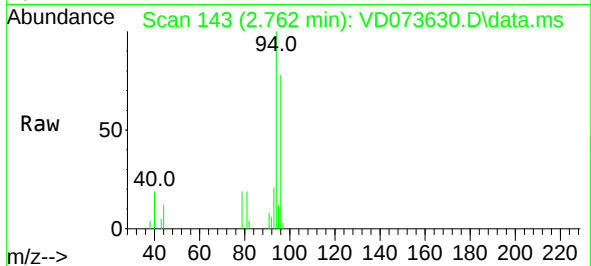




#5
Bromomethane
Concen: 6.169 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

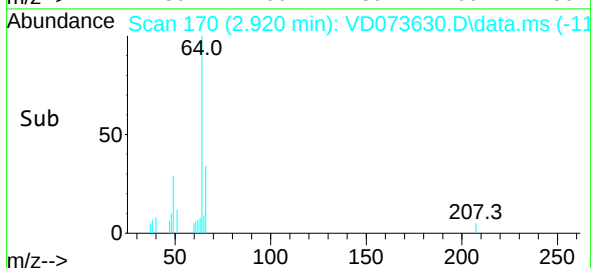
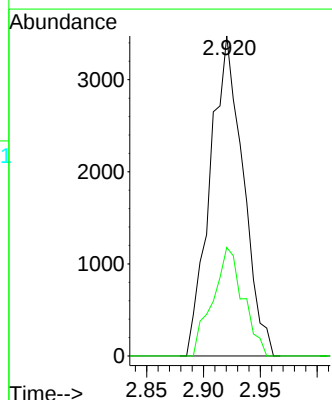
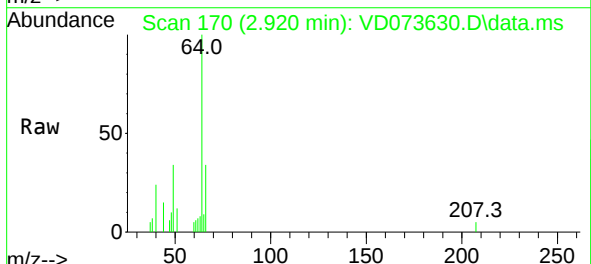
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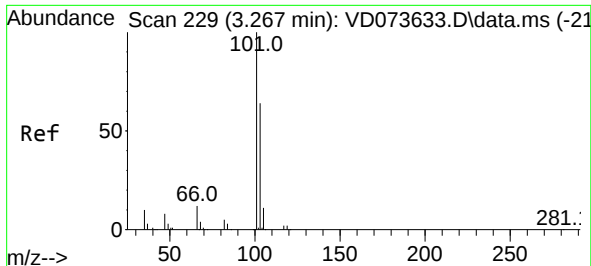
Tgt Ion: 94 Resp: 9108
Ion Ratio Lower Upper
94 100
96 77.6 72.6 108.8



#6
Chloroethane
Concen: 5.731 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 64 Resp: 7015
Ion Ratio Lower Upper
64 100
66 33.9 27.7 41.5

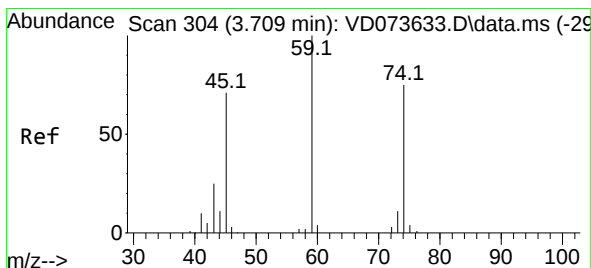
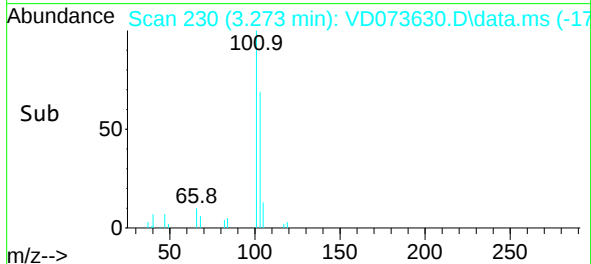
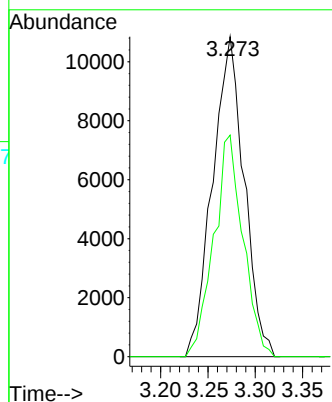
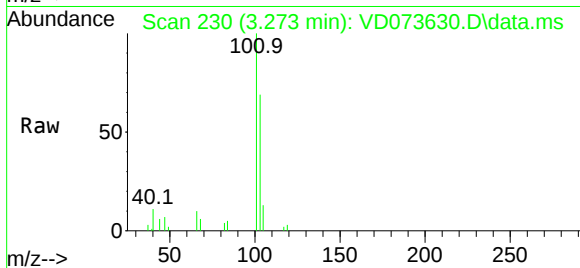




#7
Trichlorofluoromethane
Concen: 5.726 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

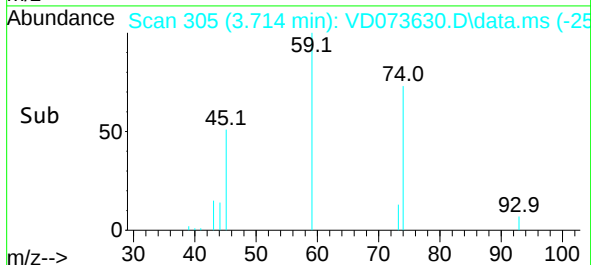
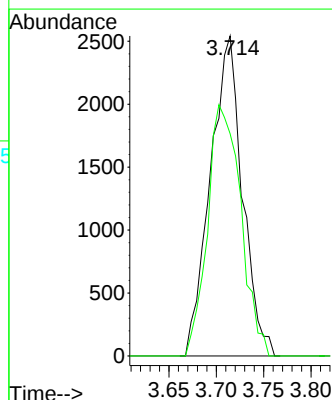
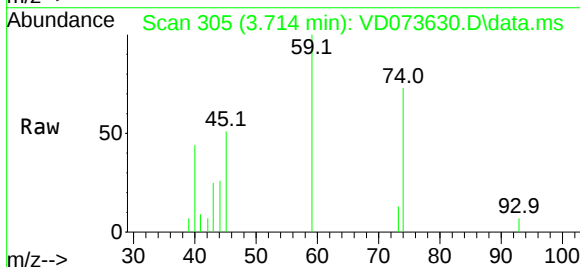
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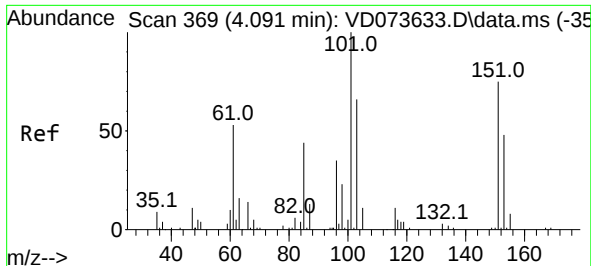
Tgt Ion:101 Resp: 25087
Ion Ratio Lower Upper
101 100
103 69.3 51.2 76.8



#8
Diethyl Ether
Concen: 5.238 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 74 Resp: 5987
Ion Ratio Lower Upper
74 100
45 81.3 47.6 142.8

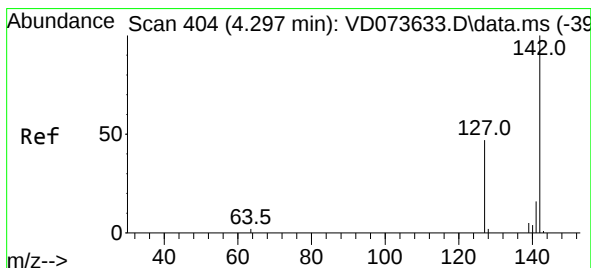
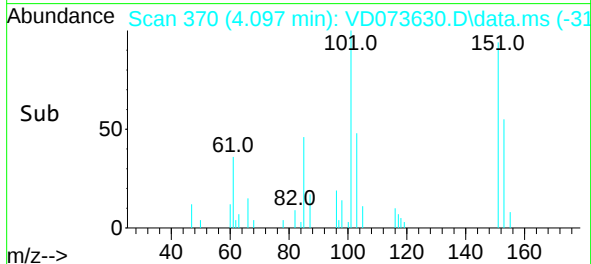
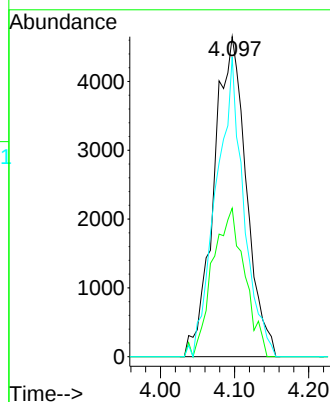
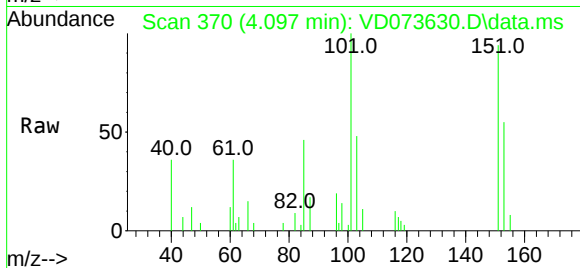




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.565 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VD073630.D
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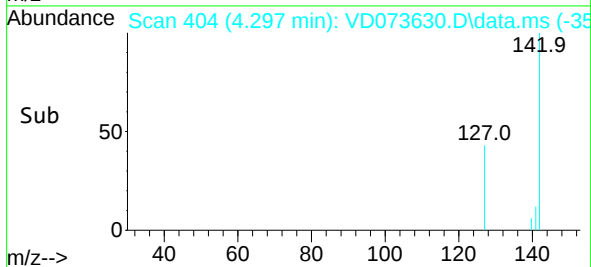
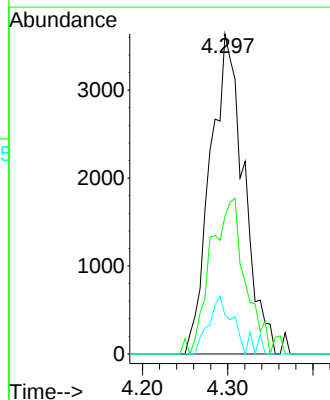
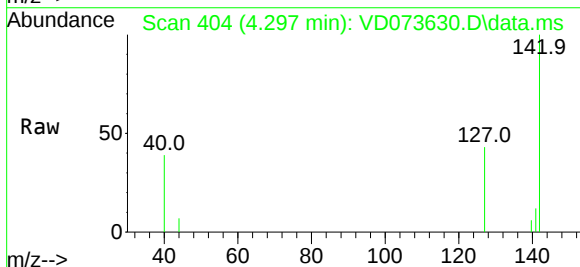
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

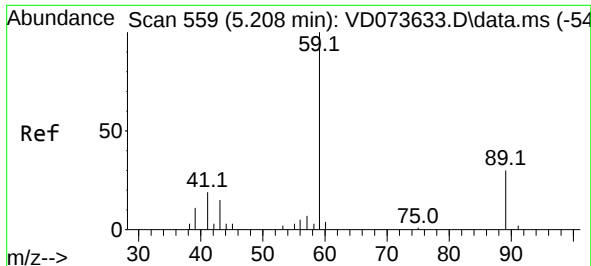
Tgt Ion:101 Resp: 14085
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.2 52.8
 151 80.0 63.4 95.0



#10
 Methyl Iodide
 Concen: 4.053 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

Tgt Ion:142 Resp: 9937
 Ion Ratio Lower Upper
 142 100
 127 0.0 37.2 55.8#
 141 12.4 12.3 18.5

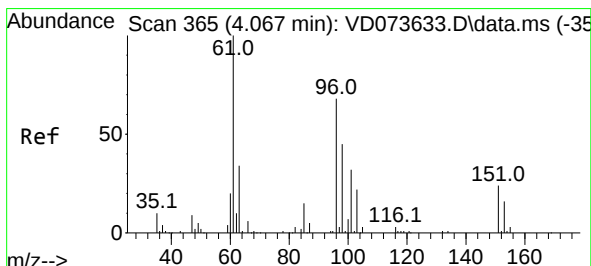
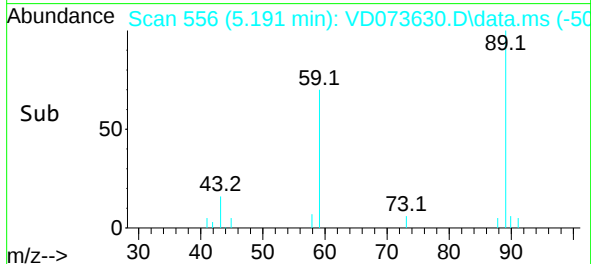
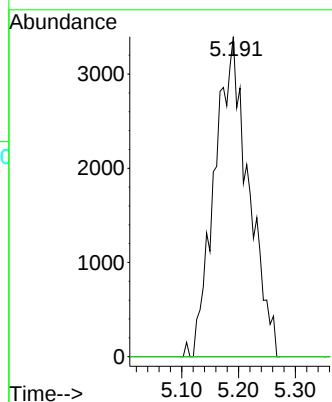
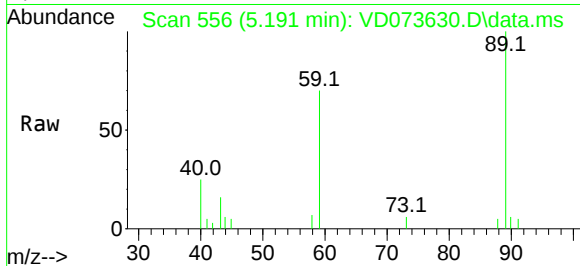




#11
Tert butyl alcohol
Concen: 48.315 ug/l
RT: 5.191 min Scan# 511
Delta R.T. -0.018 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

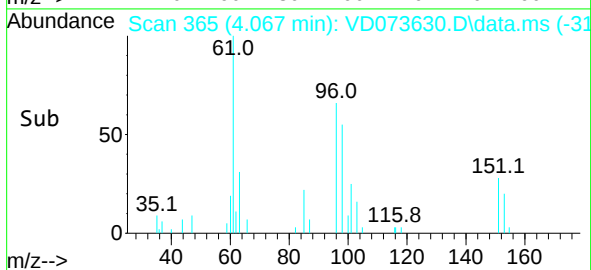
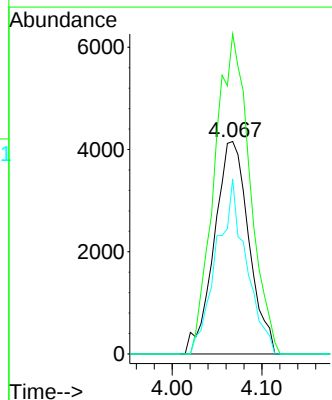
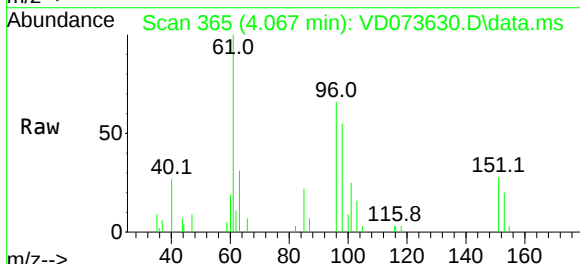
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

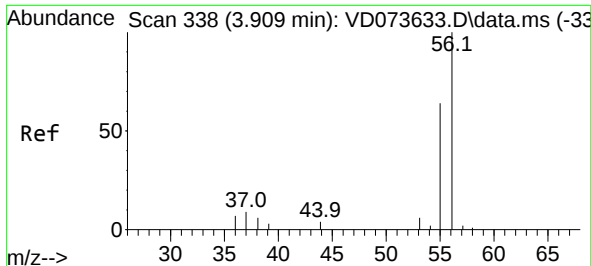
Tgt Ion: 59 Resp: 14094
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#



#12
1,1-Dichloroethene
Concen: 5.029 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 96 Resp: 11126
Ion Ratio Lower Upper
96 100
61 150.6 118.5 177.7
98 82.4 52.8 79.2#

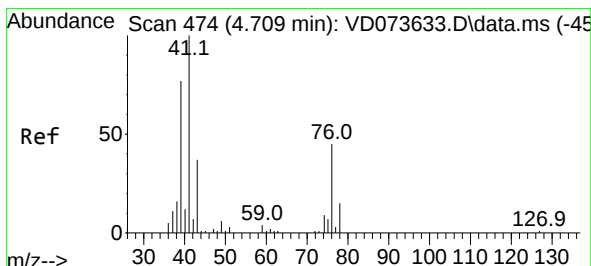
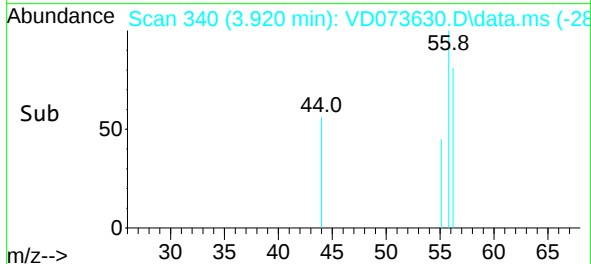
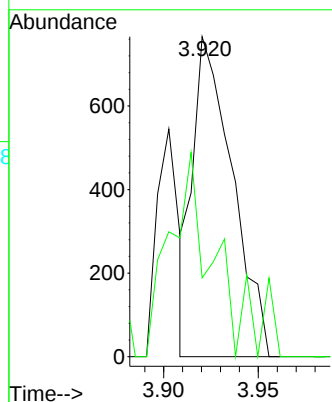
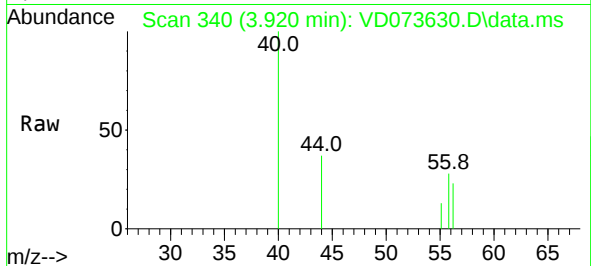




#13
Acrolein
Concen: 14.339 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.012 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

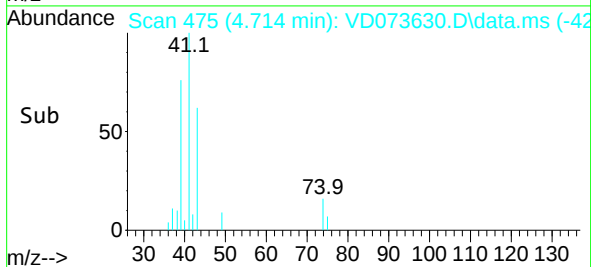
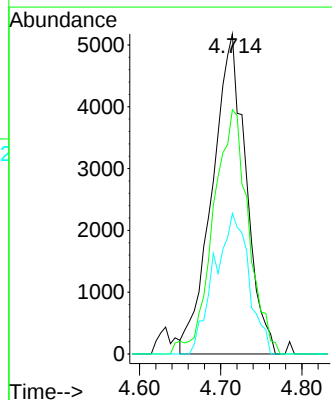
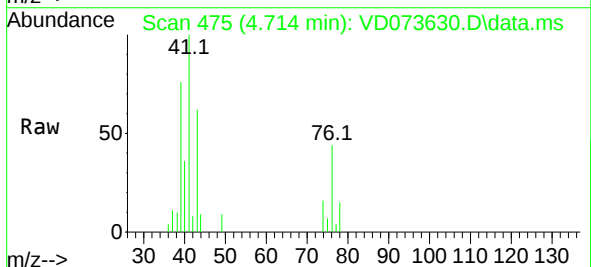
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

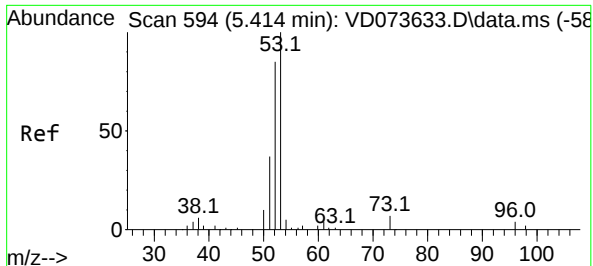
Tgt Ion: 56 Resp: 1111
Ion Ratio Lower Upper
56 100
55 75.8 56.4 84.6



#14
Allyl chloride
Concen: 4.681 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 41 Resp: 14900
Ion Ratio Lower Upper
41 100
39 79.5 57.3 85.9
76 44.8 33.4 50.0

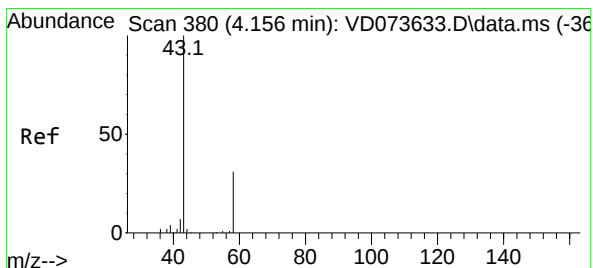
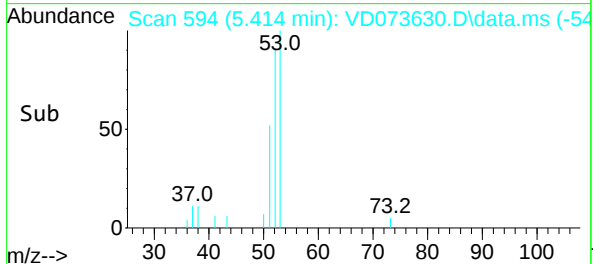
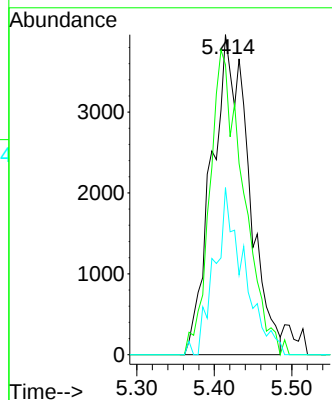
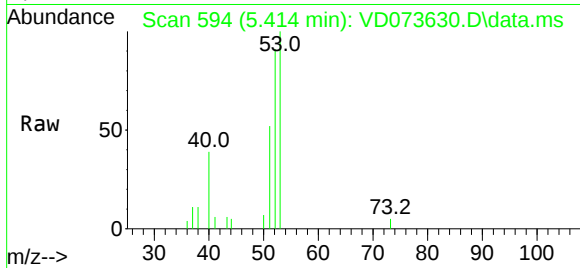




#15
Acrylonitrile
Concen: 25.504 ug/l
RT: 5.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

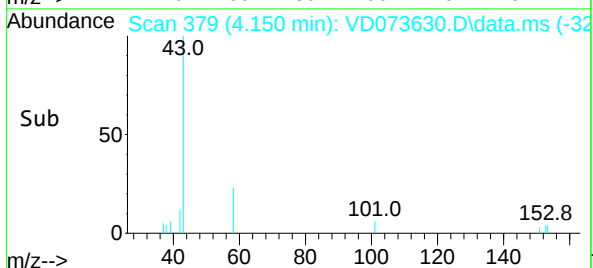
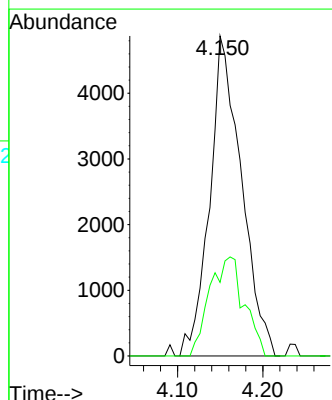
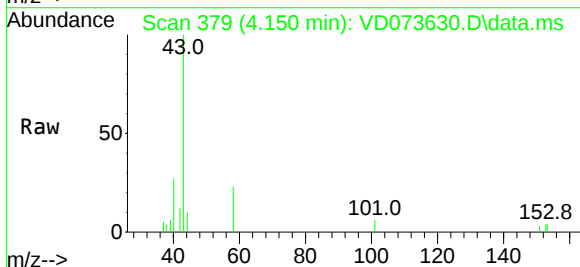
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

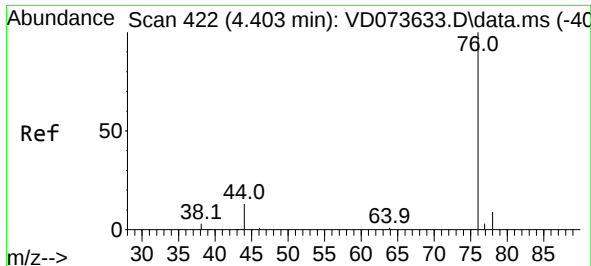
Tgt Ion: 53 Resp: 13225
Ion Ratio Lower Upper
53 100
52 86.0 64.6 97.0
51 41.0 29.6 44.4



#16
Acetone
Concen: 29.983 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp: 12590
Ion Ratio Lower Upper
43 100
58 23.0 25.0 37.4#

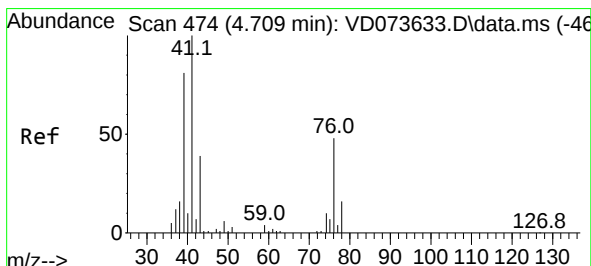
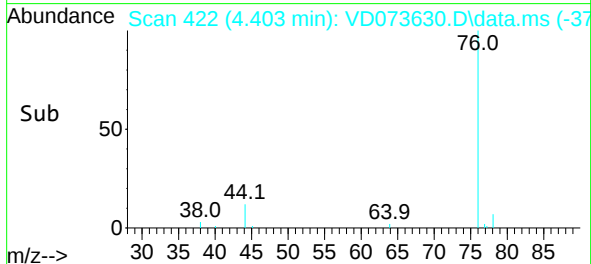
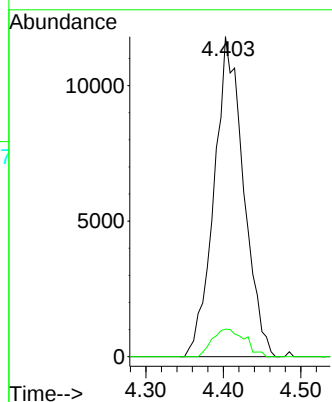
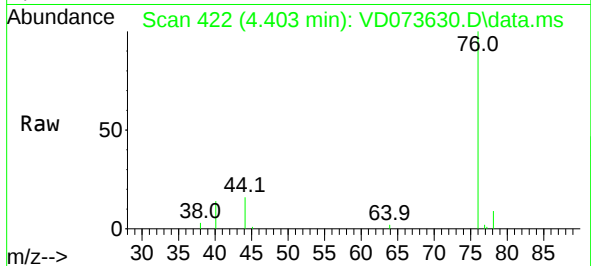




#17
Carbon Disulfide
Concen: 4.897 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

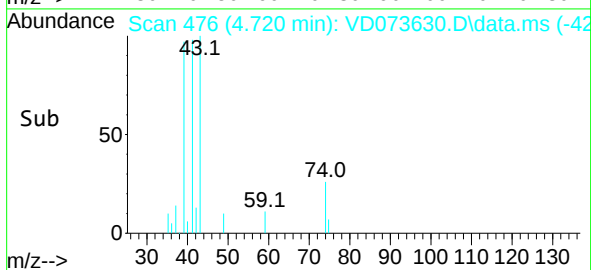
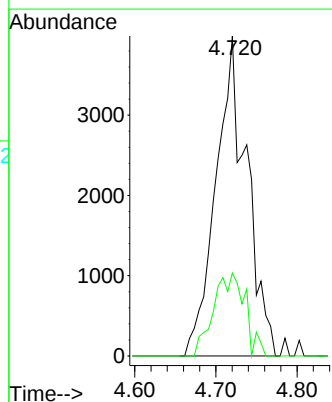
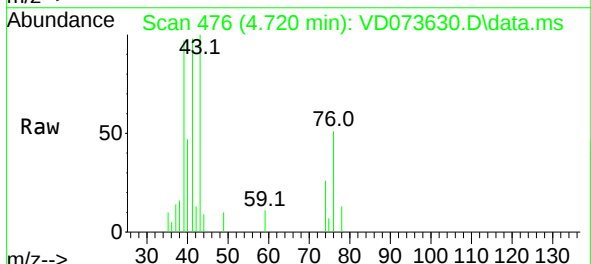
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

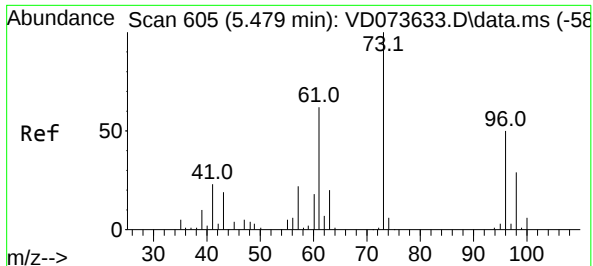
Tgt Ion: 76 Resp: 31229
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 7.868 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
74 13.6 21.2 31.8#





#19

Methyl tert-butyl Ether

Concen: 4.631 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

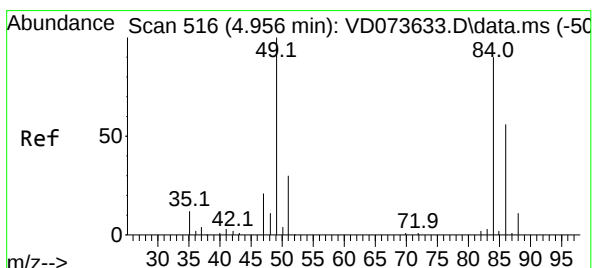
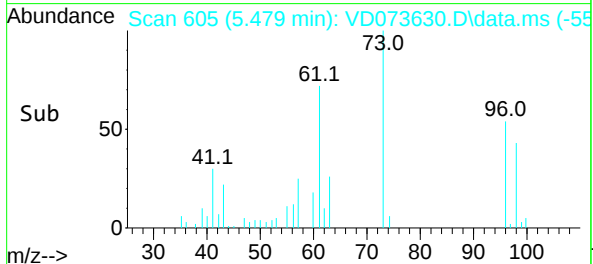
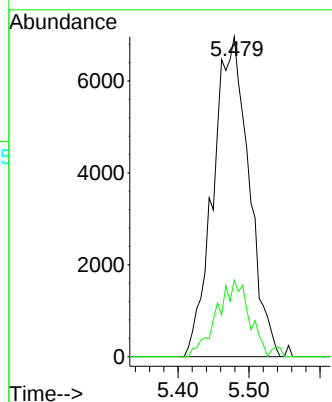
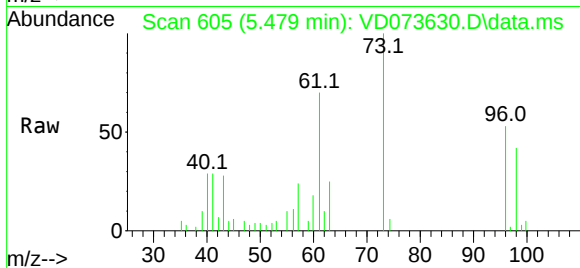
VSTDIC005

Tgt Ion: 73 Resp: 24240

Ion Ratio Lower Upper

73 100

57 23.9 17.7 26.5



#20

Methylene Chloride

Concen: 7.314 ug/l

RT: 4.956 min Scan# 516

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Tgt Ion: 84 Resp: 24590

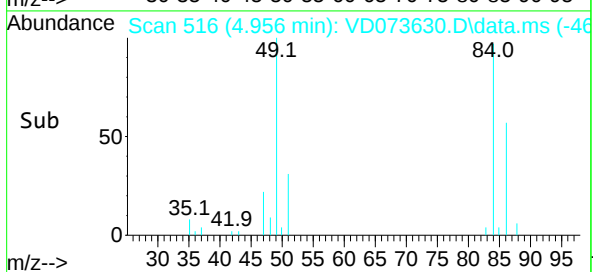
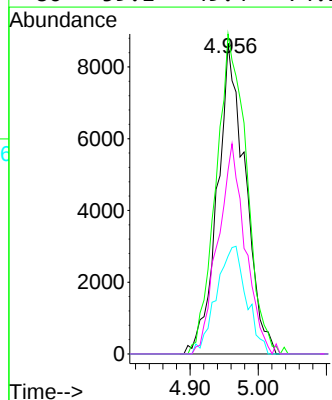
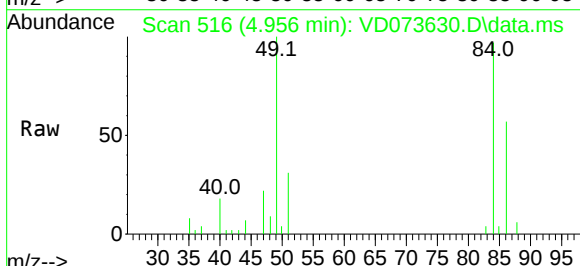
Ion Ratio Lower Upper

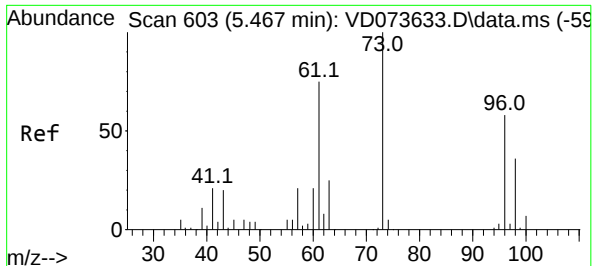
84 100

49 103.0 89.0 133.6

51 31.4 26.7 40.1

86 59.1 49.4 74.2

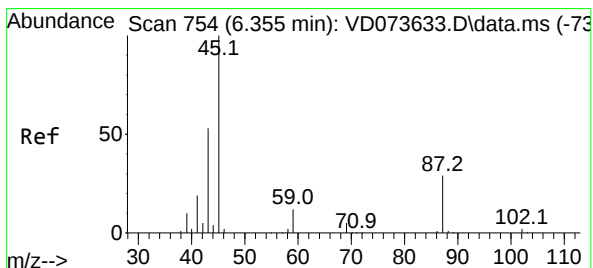
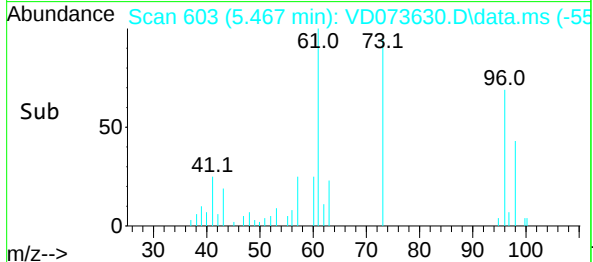
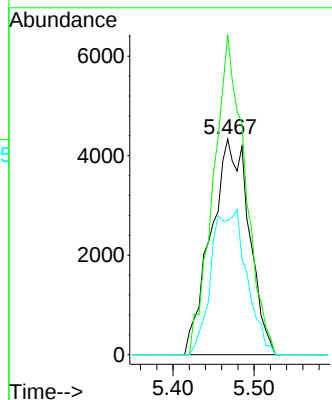
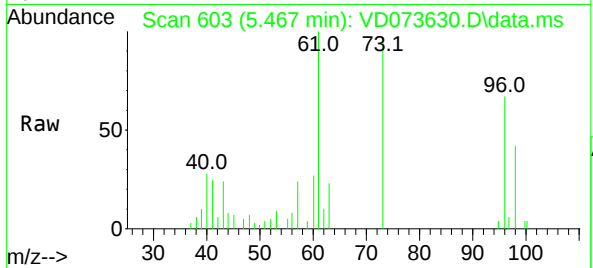




#21
trans-1,2-Dichloroethene
Concen: 5.379 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

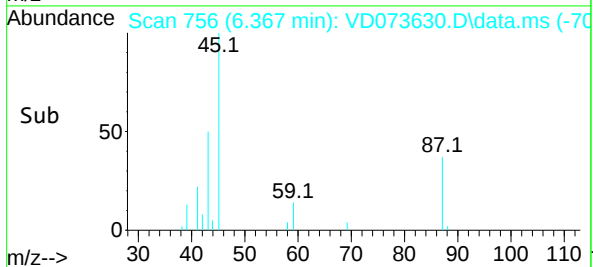
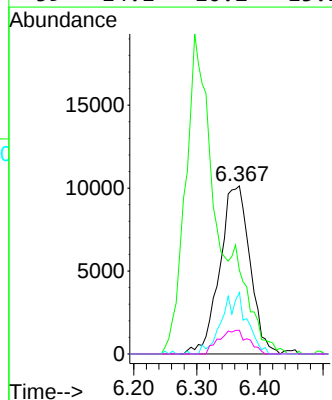
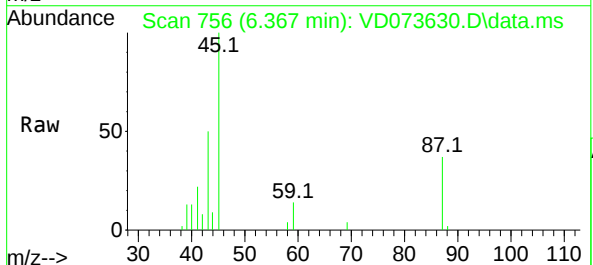
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

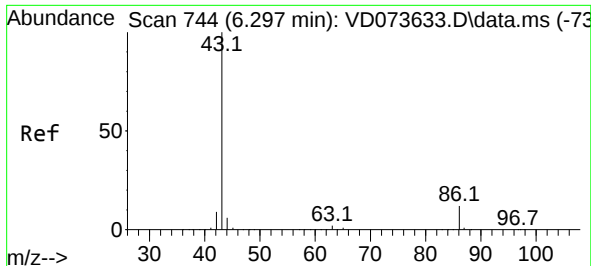
Tgt Ion: 96 Resp: 14148
Ion Ratio Lower Upper
96 100
61 148.5 103.2 154.8
98 62.2 50.2 75.4



#22
Diisopropyl ether
Concen: 4.704 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.012 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 45 Resp: 33600
Ion Ratio Lower Upper
45 100
43 46.5 43.8 65.6
87 36.5 23.8 35.6#
59 14.1 10.2 15.2

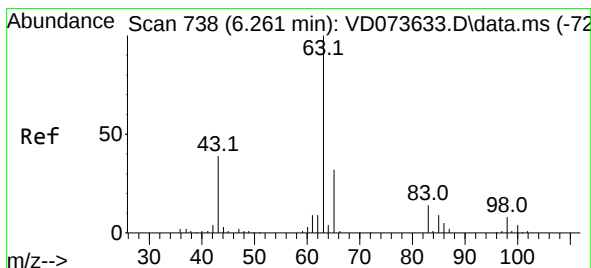
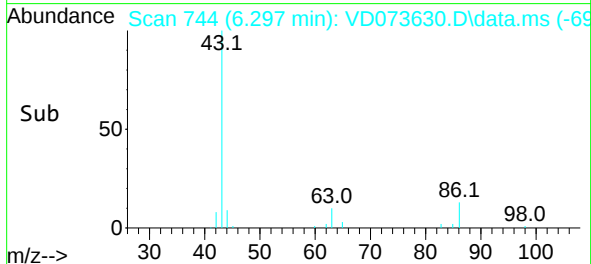
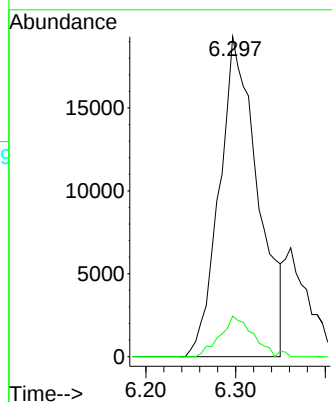
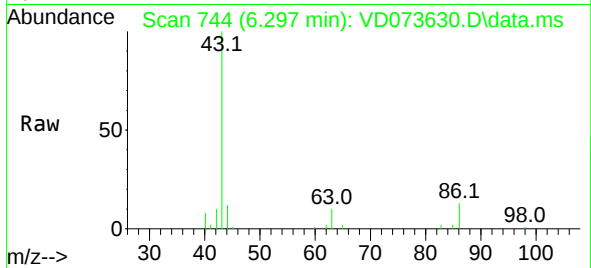




#23
 Vinyl Acetate
 Concen: 15.774 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

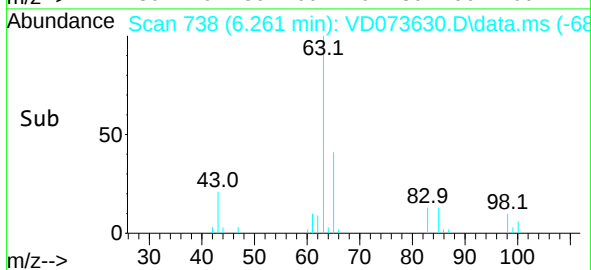
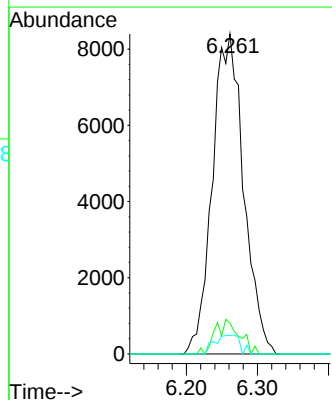
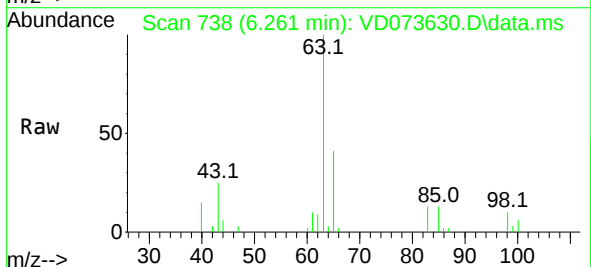
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

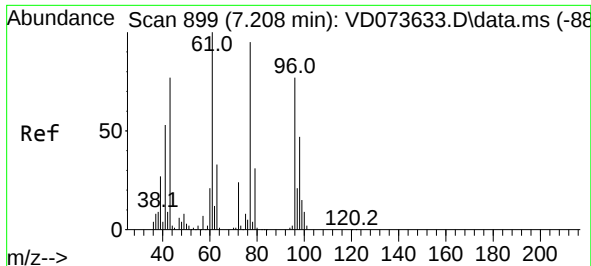
Tgt Ion: 43 Resp: 57567
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 5.362 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

Tgt Ion: 63 Resp: 25643
 Ion Ratio Lower Upper
 63 100
 98 9.7 4.1 12.3
 100 5.8 2.1 6.2

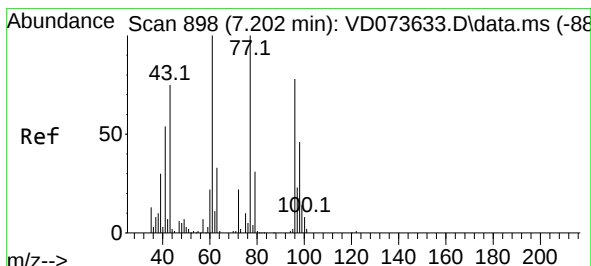
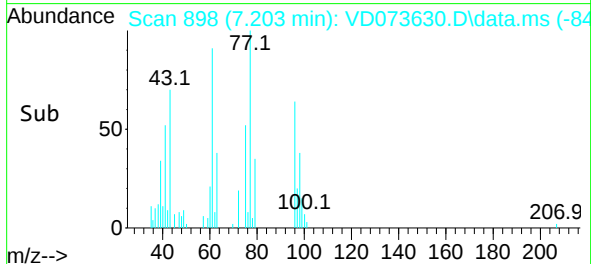
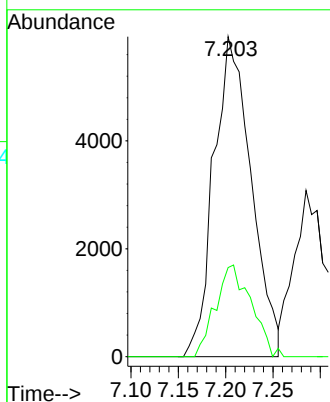
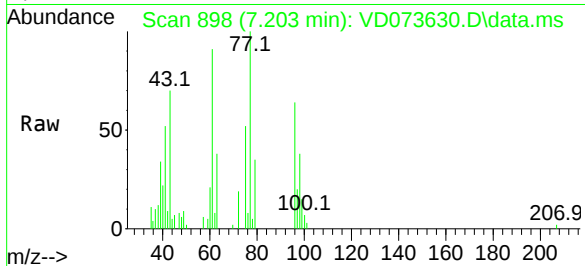




#25
2-Butanone
Concen: 26.715 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

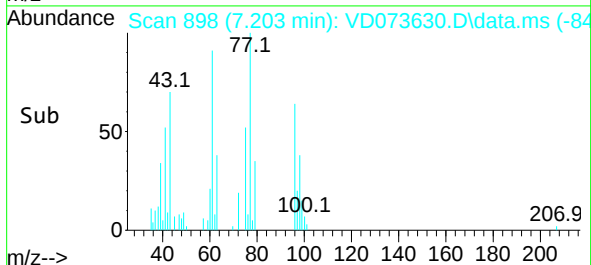
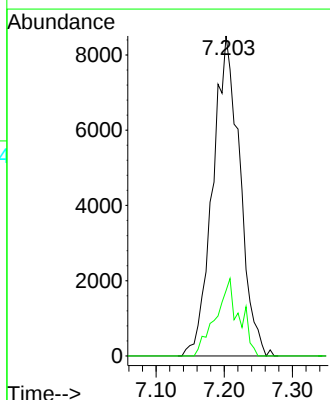
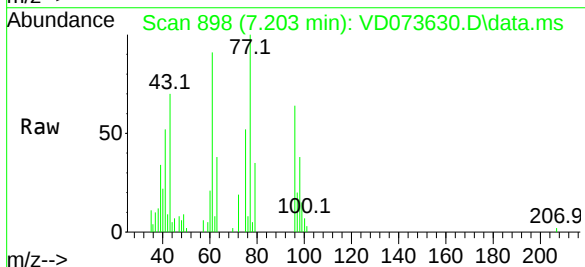
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

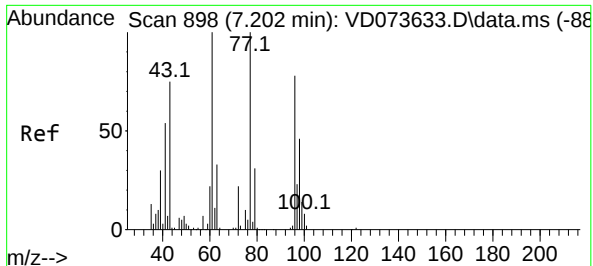
Tgt Ion: 43 Resp: 16330
Ion Ratio Lower Upper
43 100
72 27.8 24.7 37.1



#26
2,2-Dichloropropane
Concen: 5.369 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 77 Resp: 23591
Ion Ratio Lower Upper
77 100
97 21.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.101 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.012 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

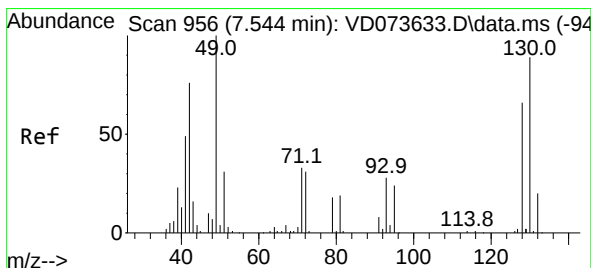
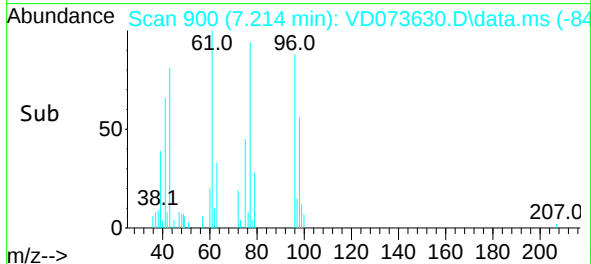
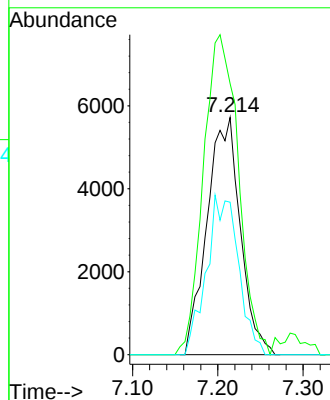
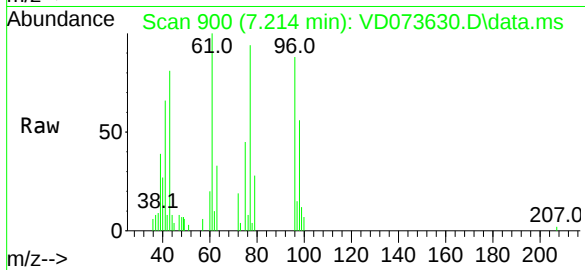
Tgt Ion: 96 Resp: 15480

Ion Ratio Lower Upper

96 100

61 141.8 0.0 273.2

98 64.7 0.0 126.8



#28

Bromochloromethane

Concen: 5.648 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

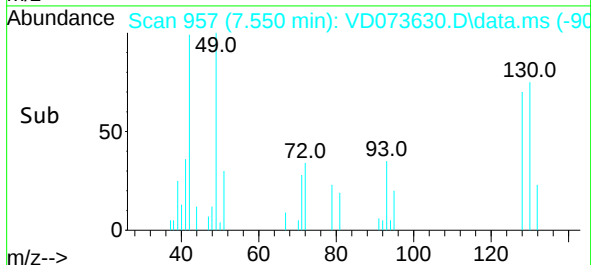
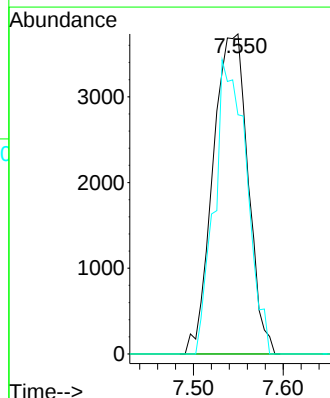
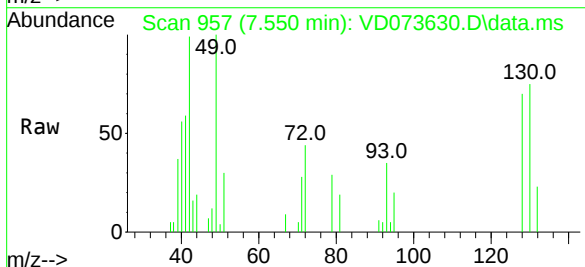
Tgt Ion: 49 Resp: 10118

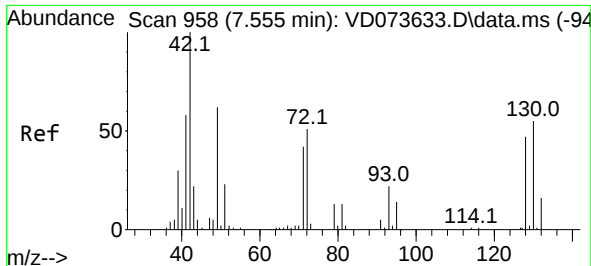
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 84.4 72.2 108.2

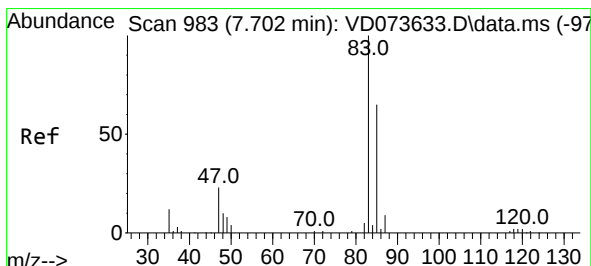
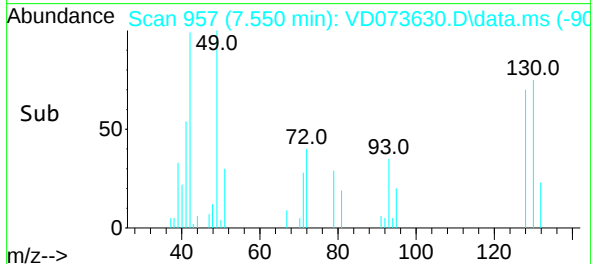
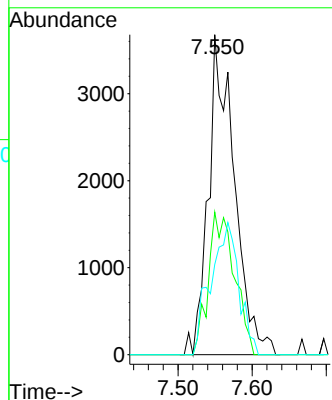
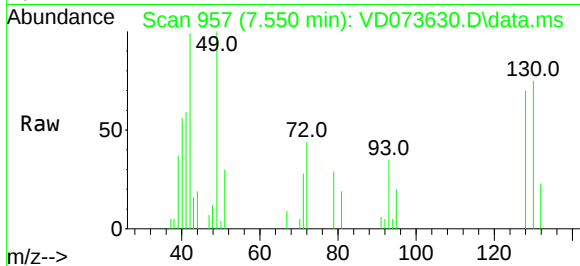




#29
Tetrahydrofuran
Concen: 23.627 ug/l
RT: 7.550 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

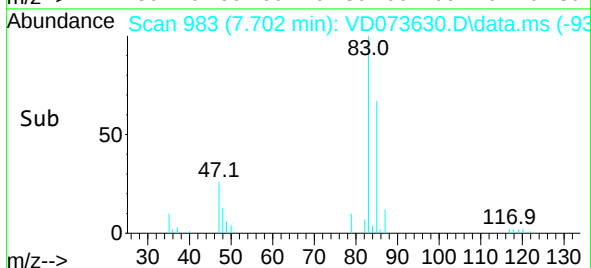
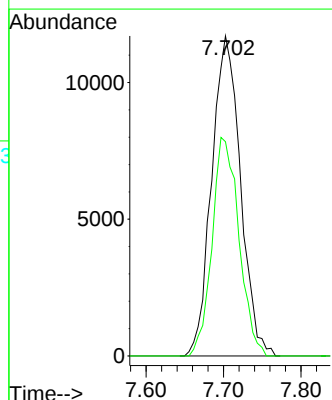
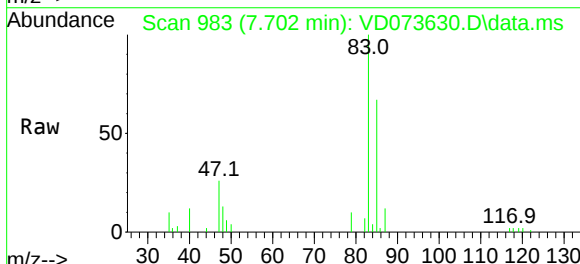
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

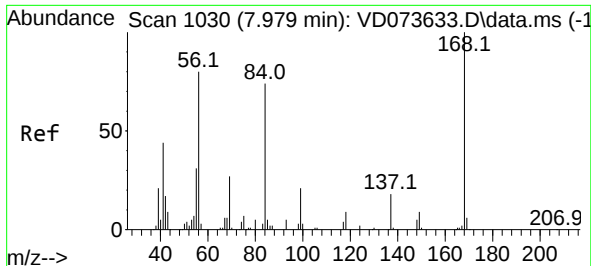
Tgt Ion: 42 Resp: 8957
Ion Ratio Lower Upper
42 100
72 44.9 37.9 56.9
71 44.7 35.2 52.8



#30
Chloroform
Concen: 5.584 ug/l
RT: 7.702 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 83 Resp: 30233
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.8

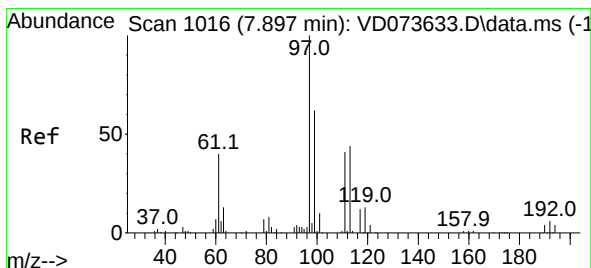
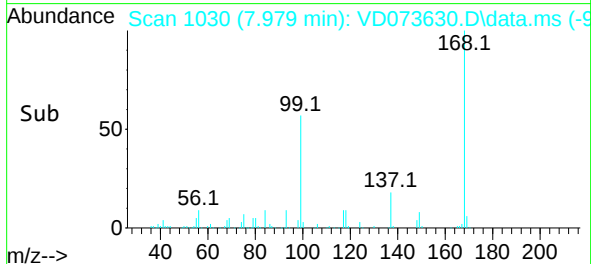
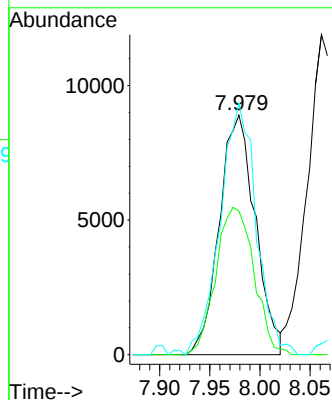
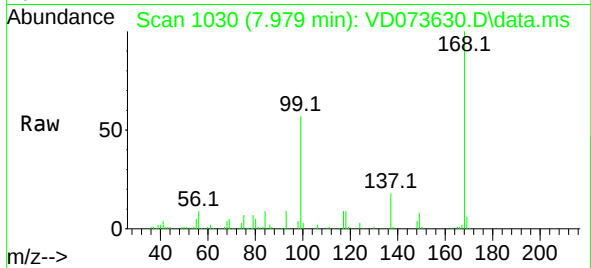




#31
Cyclohexane
Concen: 5.536 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

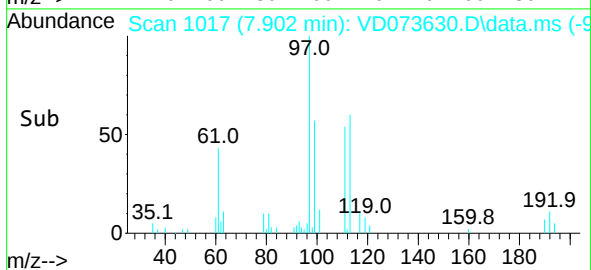
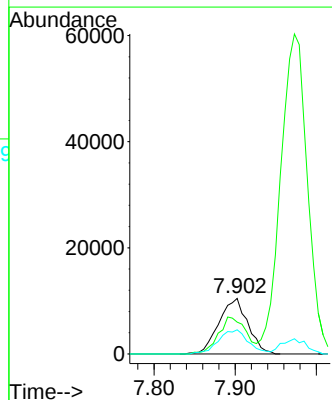
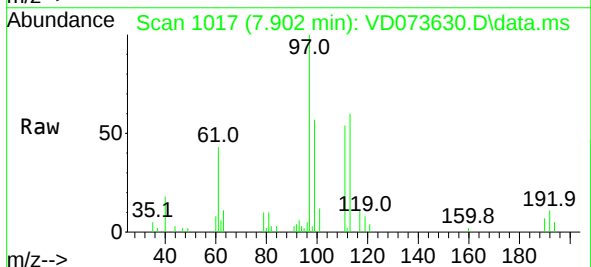
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

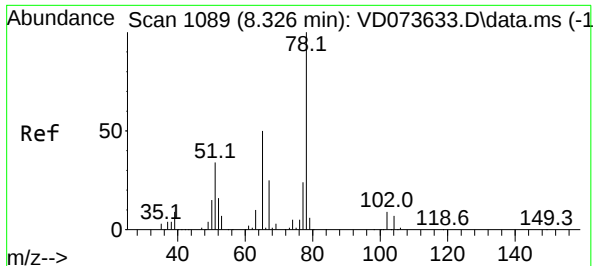
Tgt Ion: 56 Resp: 22249
Ion Ratio Lower Upper
56 100
69 60.0 26.9 40.3#
84 103.2 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 5.364 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 97 Resp: 25844
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 45.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 5.476 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

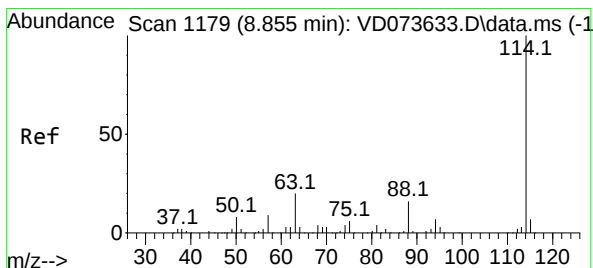
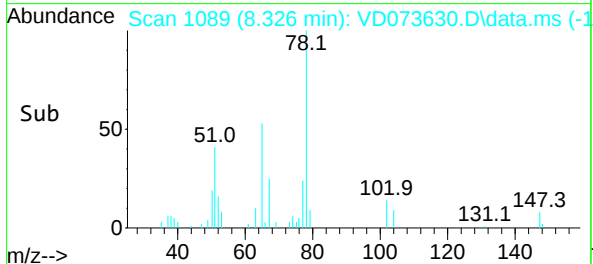
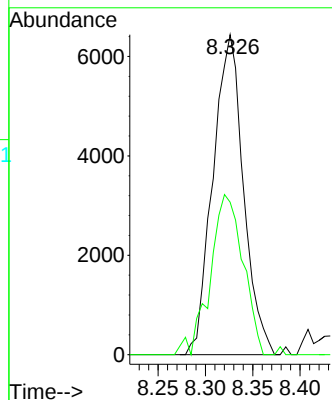
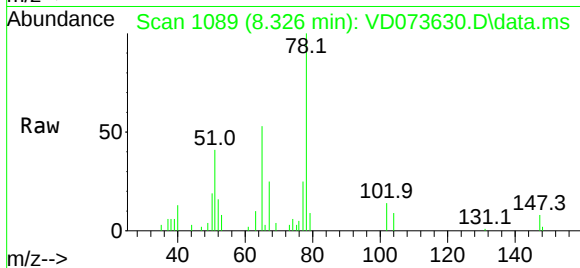
VSTDIC005

Tgt Ion: 65 Resp: 14463

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

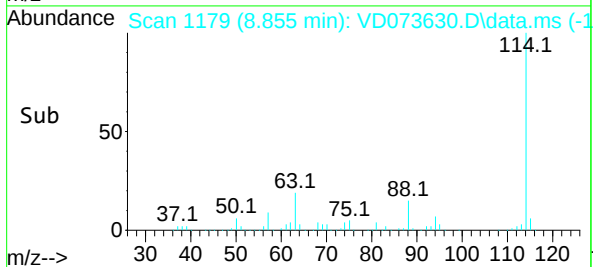
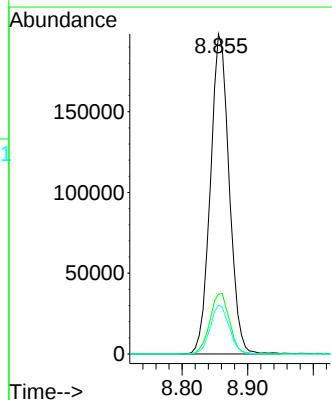
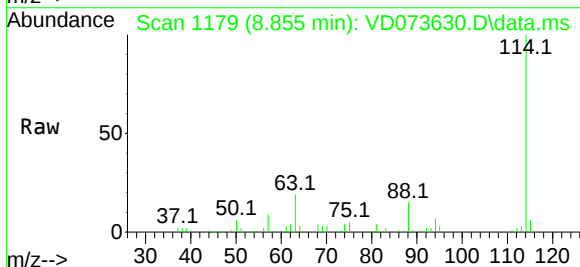
Tgt Ion: 114 Resp: 394004

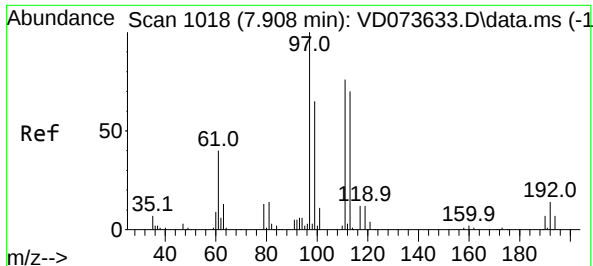
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.4

88 15.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.654 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

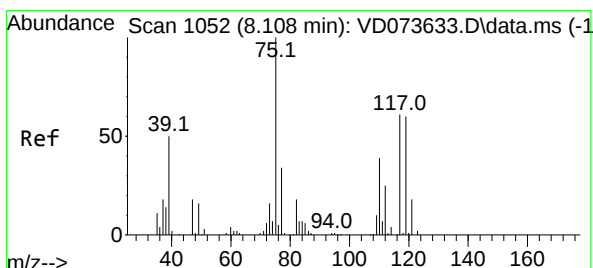
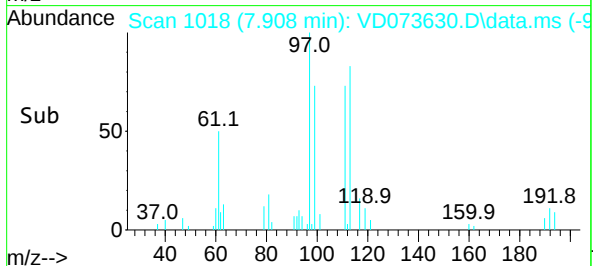
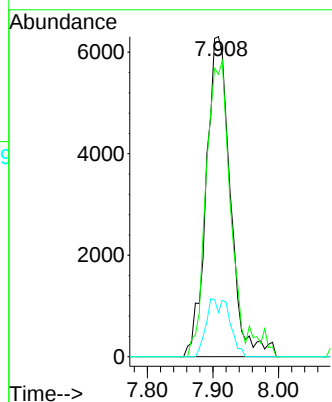
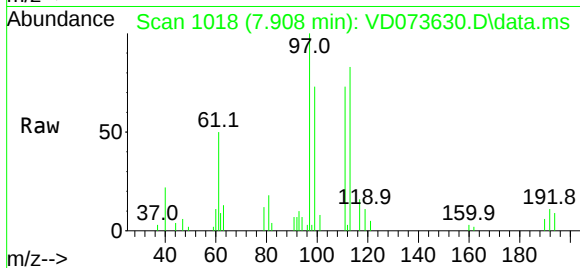
Tgt Ion:113 Resp: 16161

Ion Ratio Lower Upper

113 100

111 90.8 81.1 121.7

192 9.6 14.3 21.5#



#36

1,1-Dichloropropene

Concen: 4.941 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

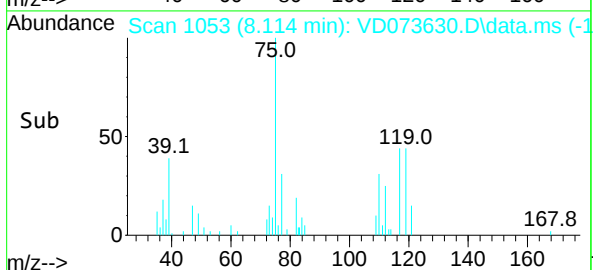
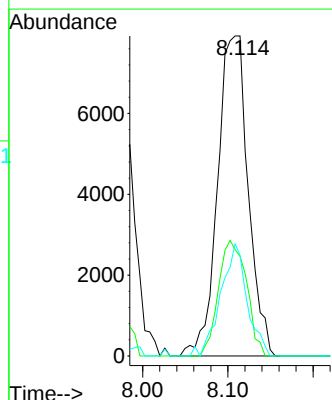
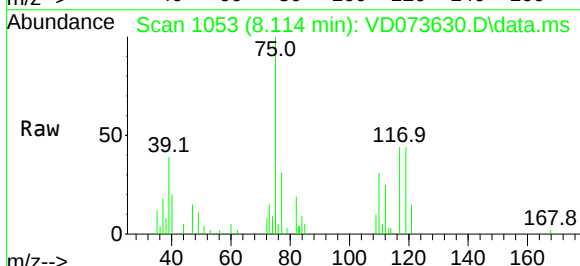
Tgt Ion: 75 Resp: 19782

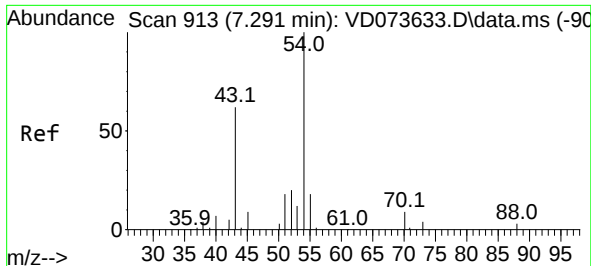
Ion Ratio Lower Upper

75 100

110 33.0 18.4 55.4

77 30.1 25.7 38.5





#37

Ethyl Acetate

Concen: 4.927 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

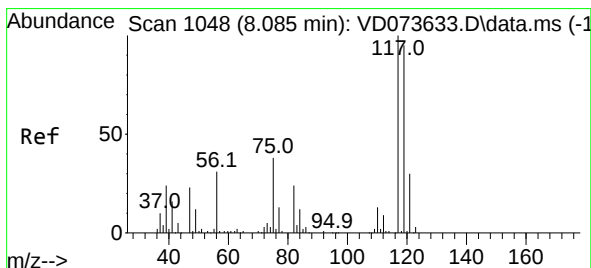
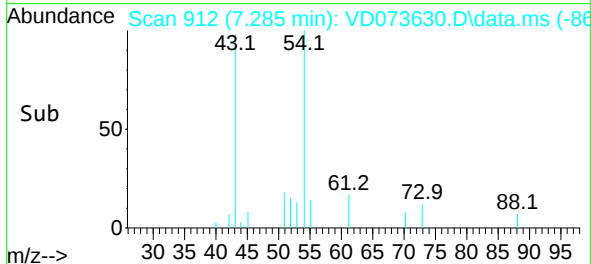
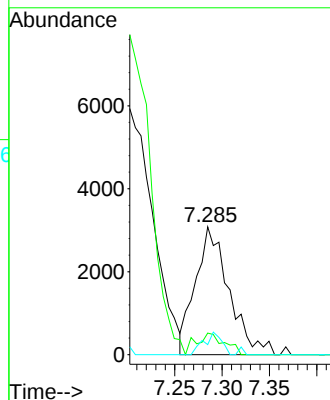
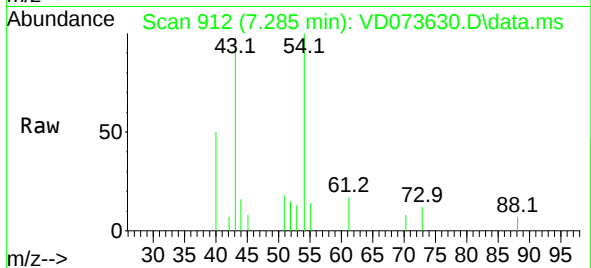
Tgt Ion: 43 Resp: 7590

Ion Ratio Lower Upper

43 100

61 14.1 10.5 15.7

70 9.3 8.9 13.3



#38

Carbon Tetrachloride

Concen: 5.218 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

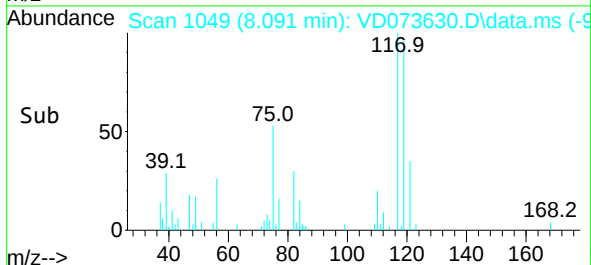
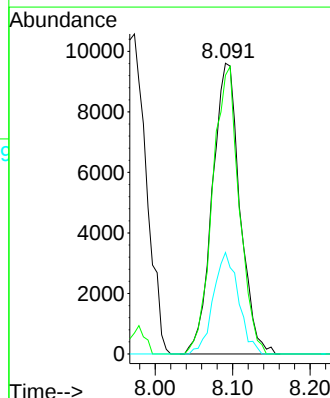
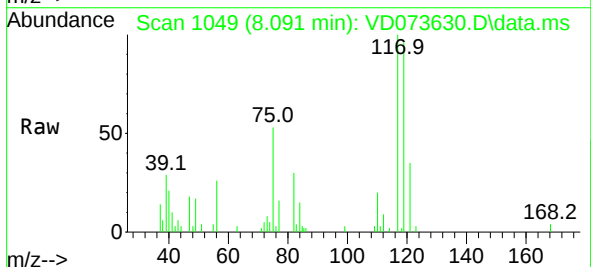
Tgt Ion: 117 Resp: 23725

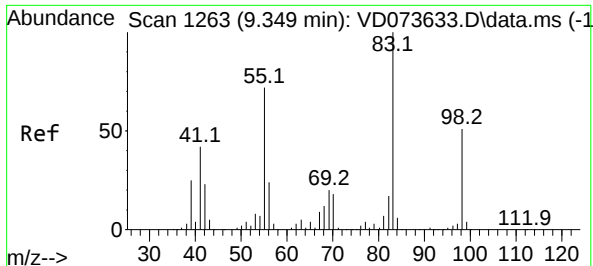
Ion Ratio Lower Upper

117 100

119 95.8 75.6 113.4

121 34.9 24.2 36.4





#39

Methylcyclohexane

Concen: 4.634 ug/l

RT: 9.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

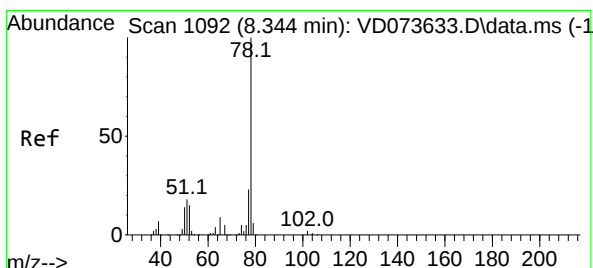
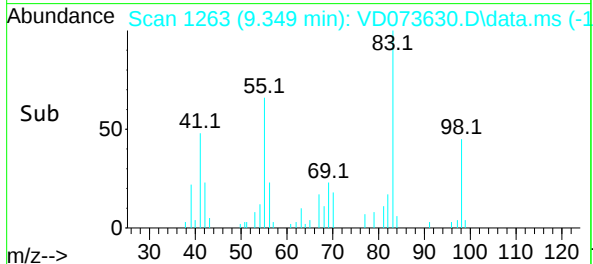
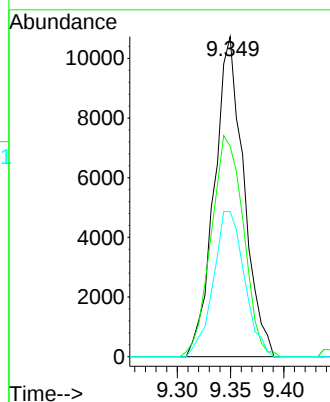
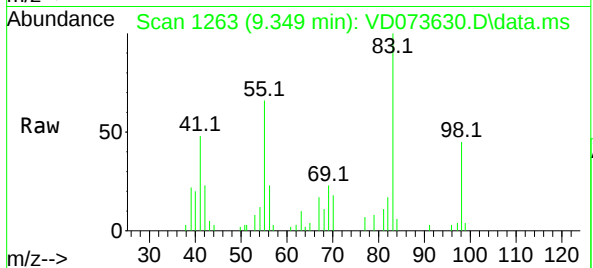
Tgt Ion: 83 Resp: 20559

Ion Ratio Lower Upper

83 100

55 65.7 57.4 86.2

98 45.3 40.6 60.8



#40

Benzene

Concen: 4.940 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073630.D

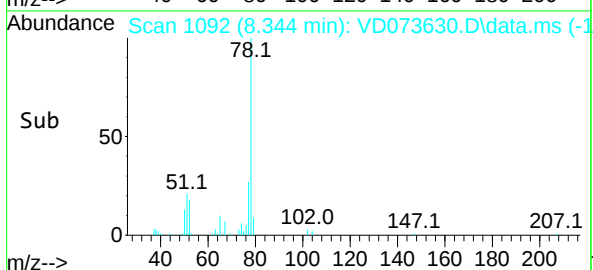
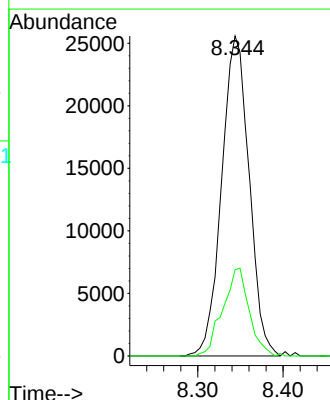
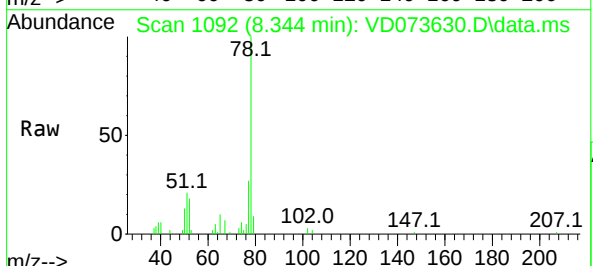
Acq: 20 Jun 2022 13:42

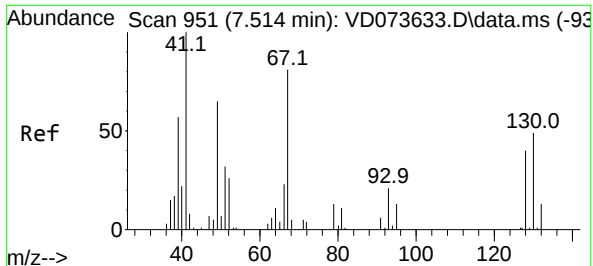
Tgt Ion: 78 Resp: 57209

Ion Ratio Lower Upper

78 100

77 26.9 18.6 27.8

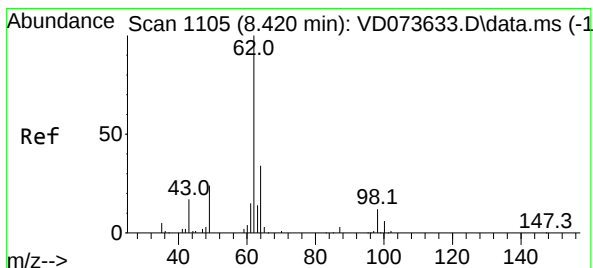
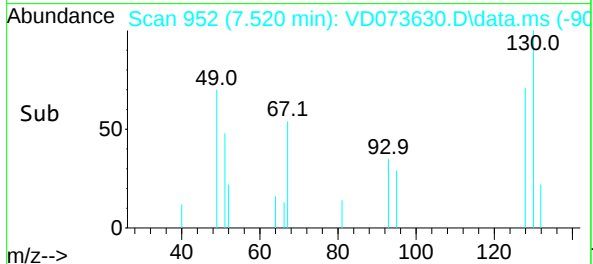
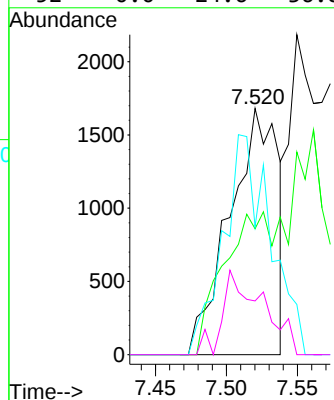
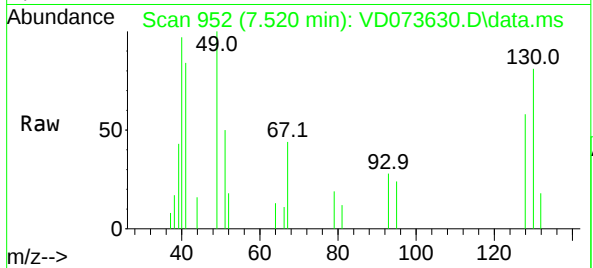




#41
Methacrylonitrile
Concen: 4.636 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

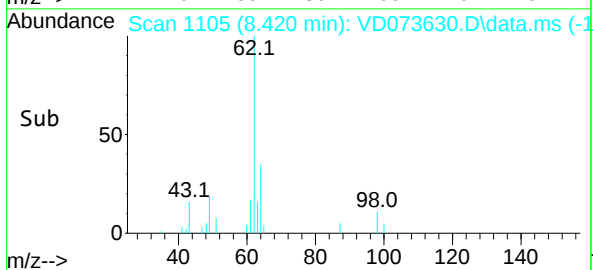
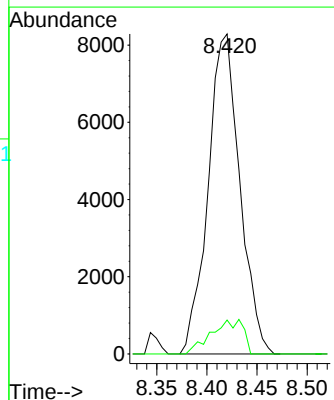
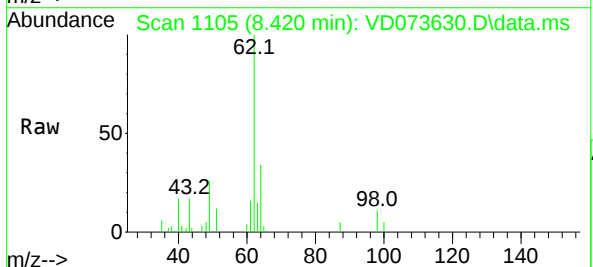
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

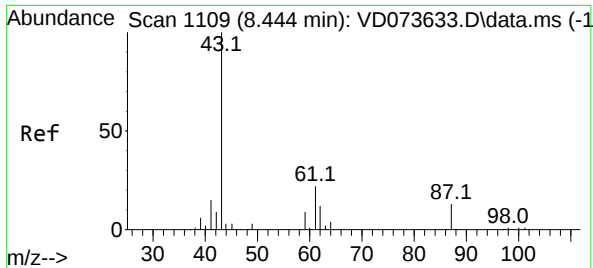
Tgt Ion: 41	Resp: 3953
Ion Ratio	Lower Upper
41 100	
39 57.0	43.0 64.6
67 0.0	60.8 91.2#
52 0.0	24.6 36.8#



#42
1,2-Dichloroethane
Concen: 5.288 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 62	Resp: 18295
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 20.6

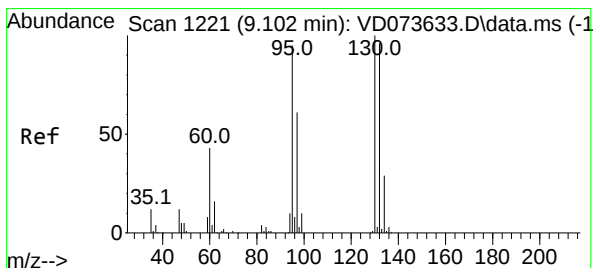
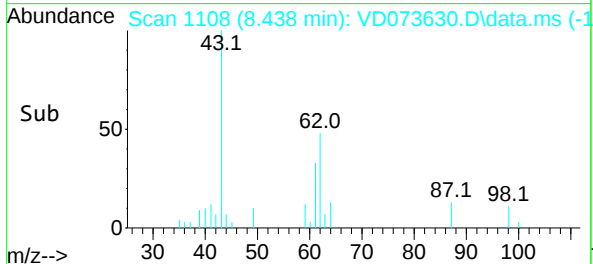
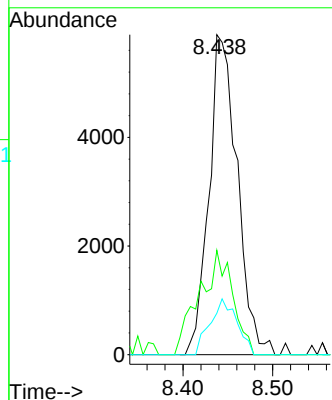
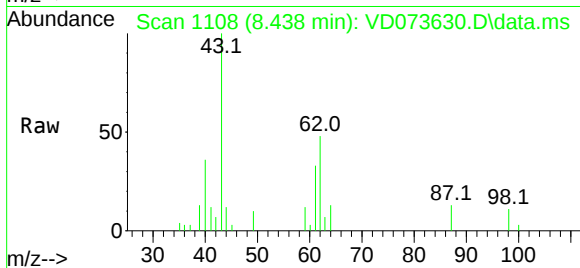




#43
Isopropyl Acetate
Concen: 4.437 ug/l
RT: 8.438 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

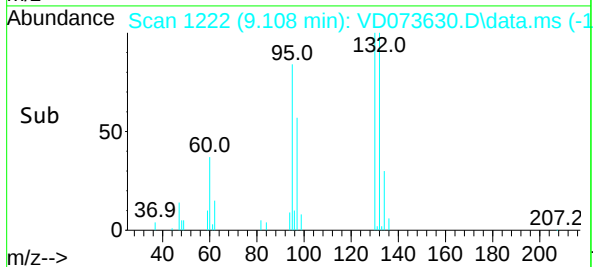
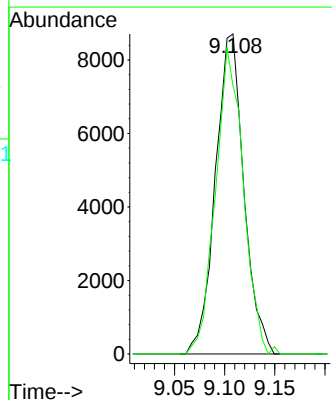
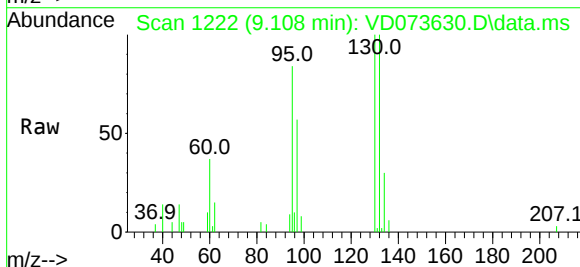
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

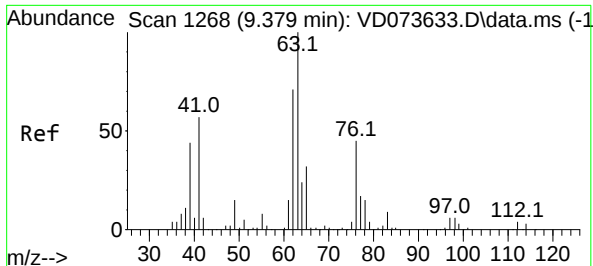
Tgt Ion: 43	Resp: 12866
Ion Ratio	Lower Upper
43 100	
61 38.6	27.0 40.6
87 16.6	11.8 17.8



#44
Trichloroethene
Concen: 5.203 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:130	Resp:	17162	
Ion	Ratio	Lower	Upper
130	100		
95	83.8	0.0	190.0





#45

1,2-Dichloropropane

Concen: 5.163 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

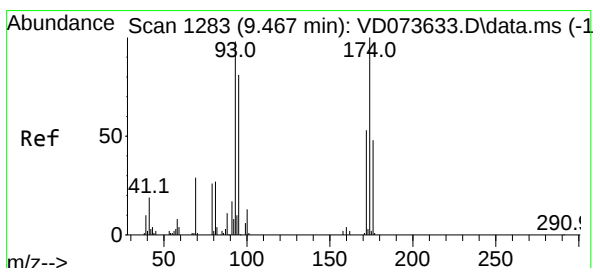
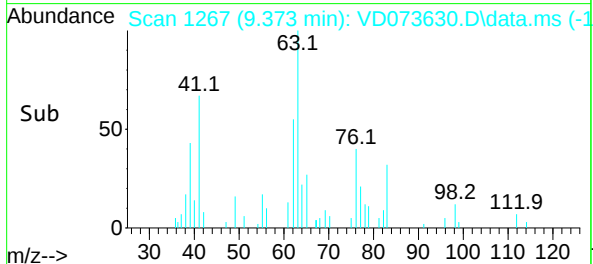
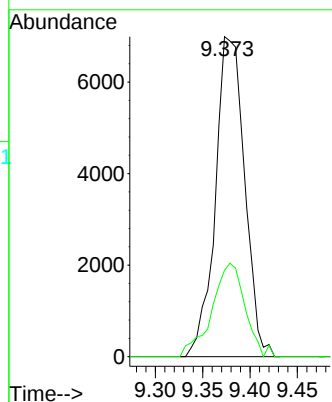
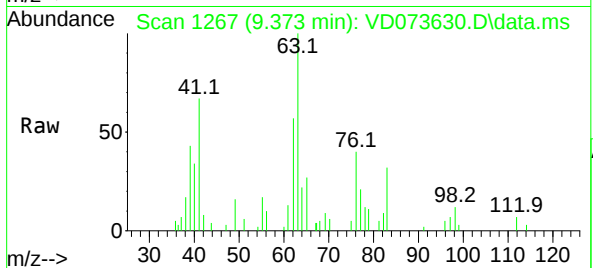
VSTDIC005

Tgt Ion: 63 Resp: 15027

Ion Ratio Lower Upper

63 100

65 27.0 25.3 37.9



#46

Dibromomethane

Concen: 4.876 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

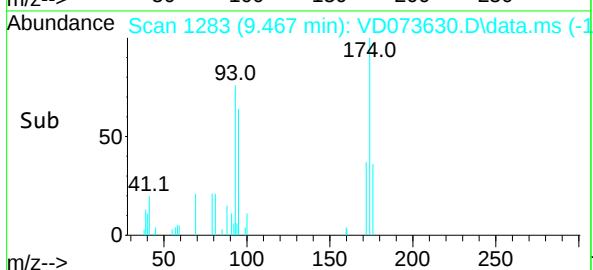
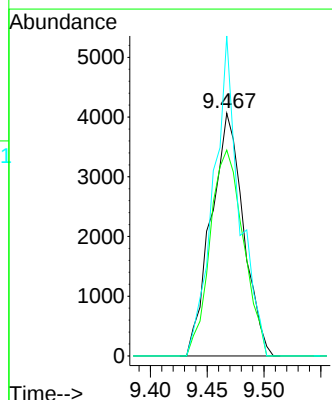
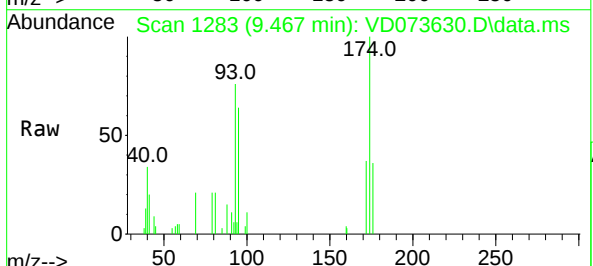
Tgt Ion: 93 Resp: 8059

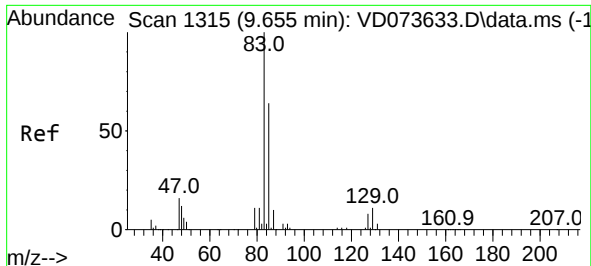
Ion Ratio Lower Upper

93 100

95 87.0 66.3 99.5

174 106.1 81.1 121.7





#47

Bromodichloromethane

Concen: 4.969 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

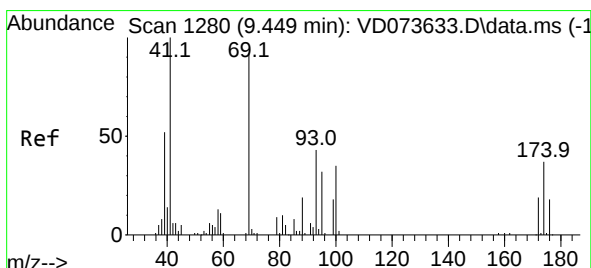
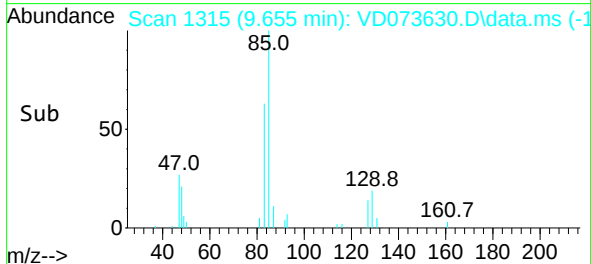
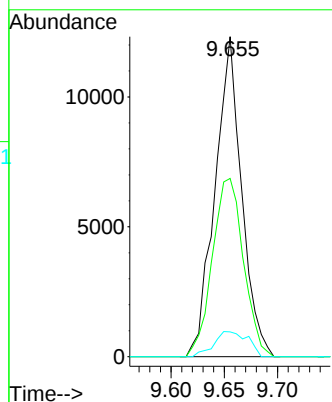
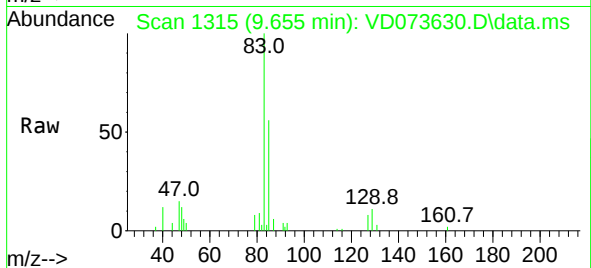
Tgt Ion: 83 Resp: 21371

Ion Ratio Lower Upper

83 100

85 55.7 51.4 77.2

127 7.8 6.4 9.6



#48

Methyl methacrylate

Concen: 4.539 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

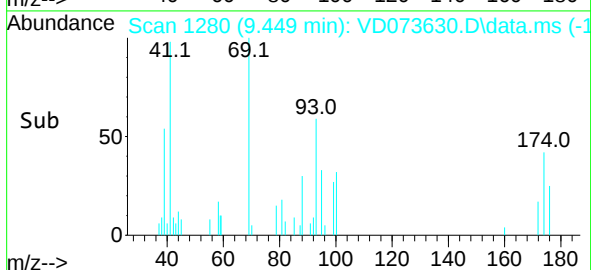
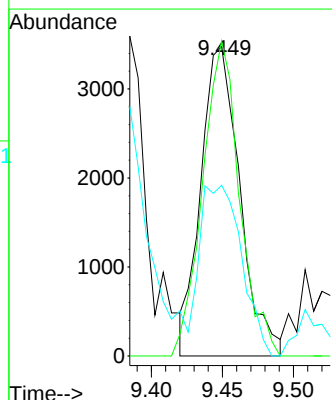
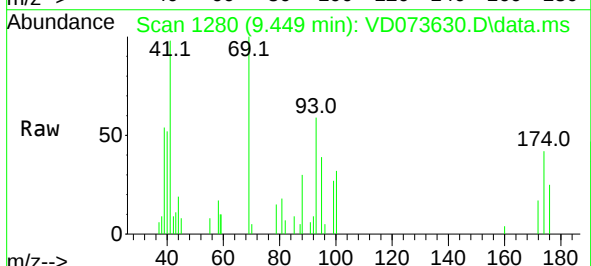
Tgt Ion: 41 Resp: 6663

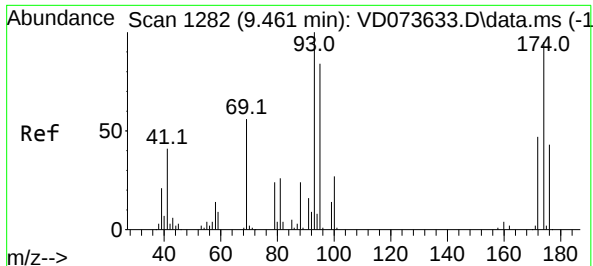
Ion Ratio Lower Upper

41 100

69 96.1 67.6 101.4

39 58.8 45.4 68.0





#49

1,4-Dioxane

Concen: 104.949 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.012 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

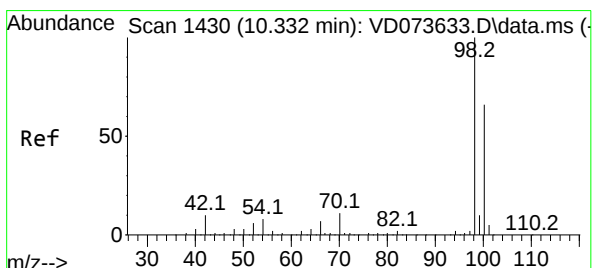
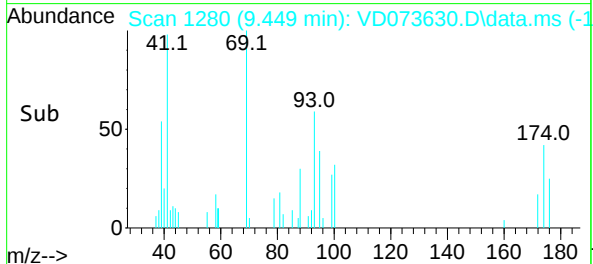
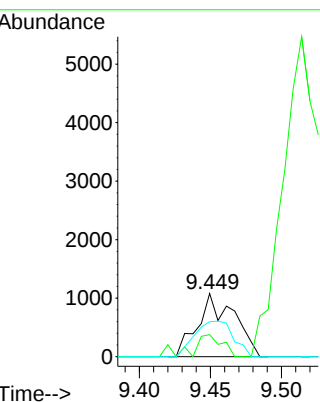
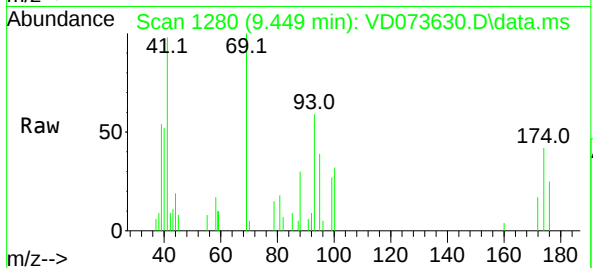
Tgt Ion: 88 Resp: 1922

Ion Ratio Lower Upper

88 100

43 24.8 29.8 44.8#

58 59.6 56.9 85.3



#50

Toluene-d8

Concen: 4.947 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073630.D

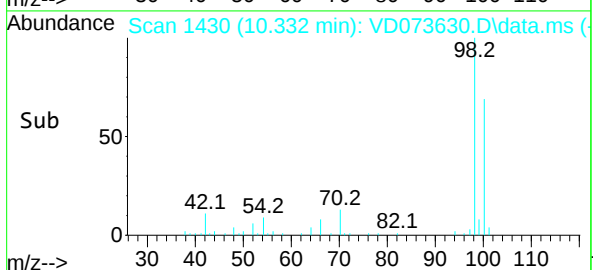
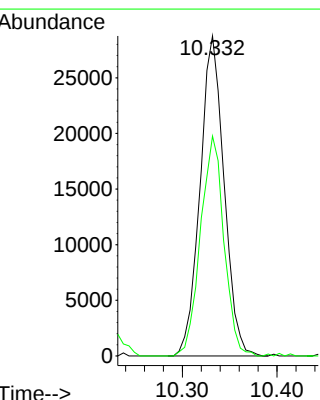
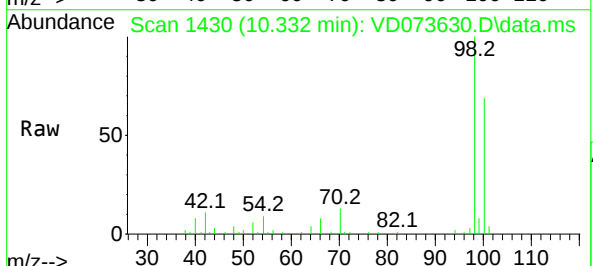
Acq: 20 Jun 2022 13:42

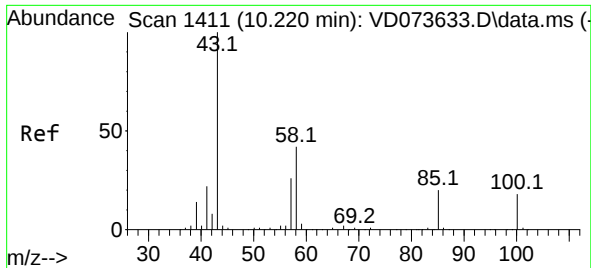
Tgt Ion: 98 Resp: 50606

Ion Ratio Lower Upper

98 100

100 67.1 51.4 77.2

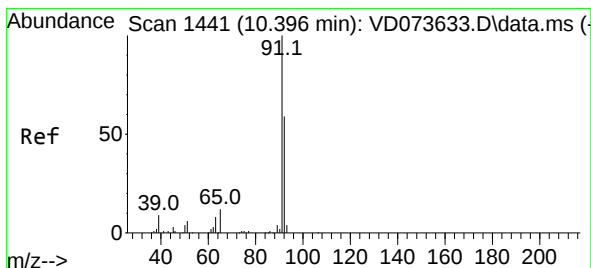
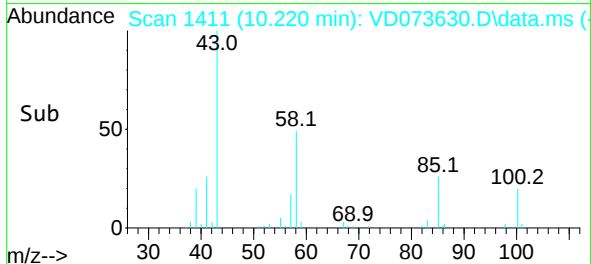
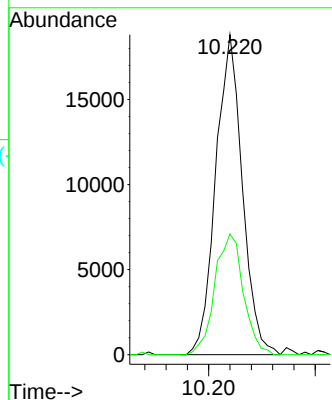
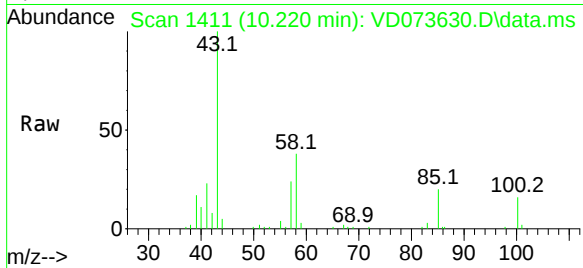




#51
4-Methyl-2-Pentanone
Concen: 21.871 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

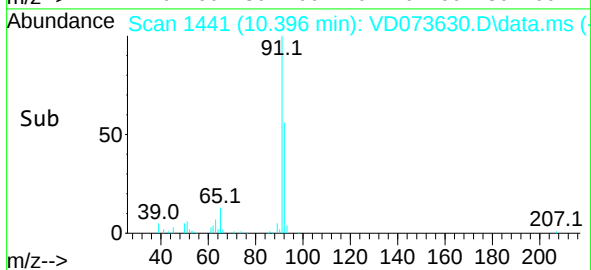
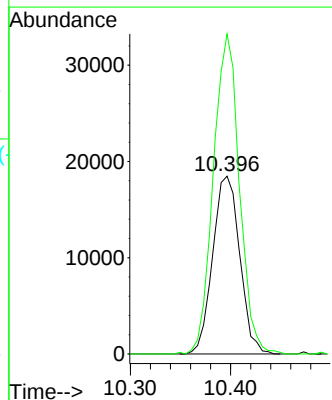
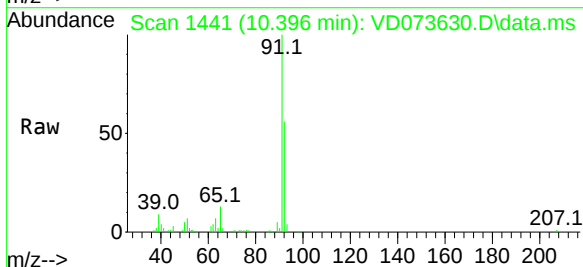
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

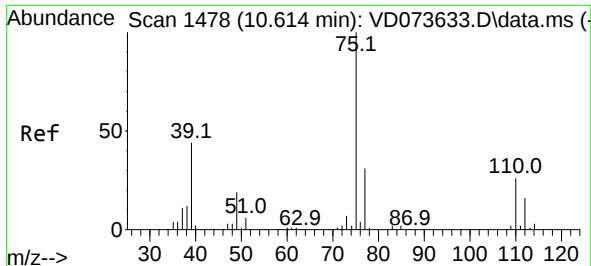
Tgt Ion: 43 Resp: 32563
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6



#52
Toluene
Concen: 4.566 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 92 Resp: 34563
Ion Ratio Lower Upper
92 100
91 173.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 4.528 ug/l

RT: 10.608 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

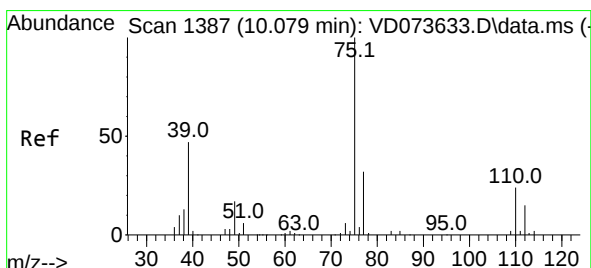
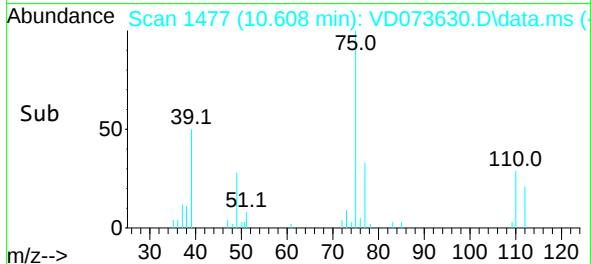
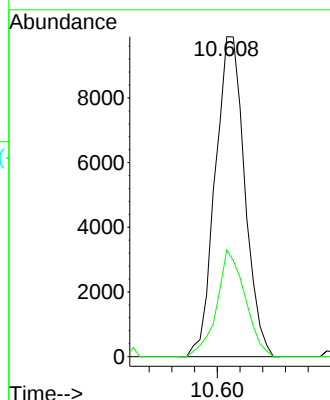
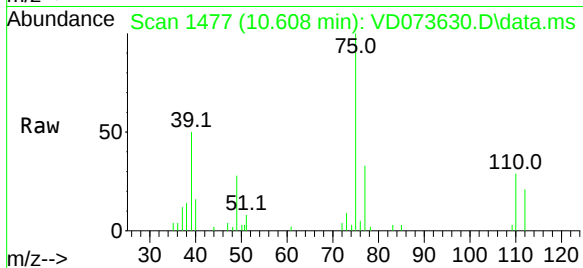
VSTDIC005

Tgt Ion: 75 Resp: 17834

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 4.948 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

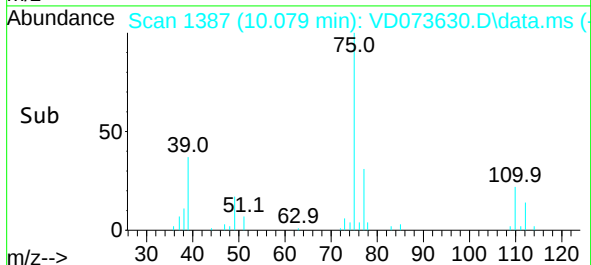
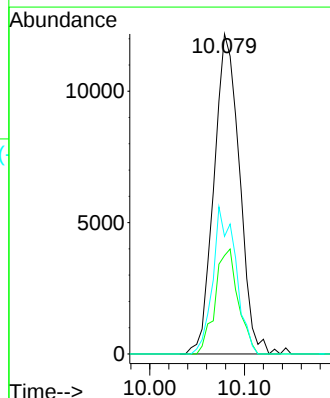
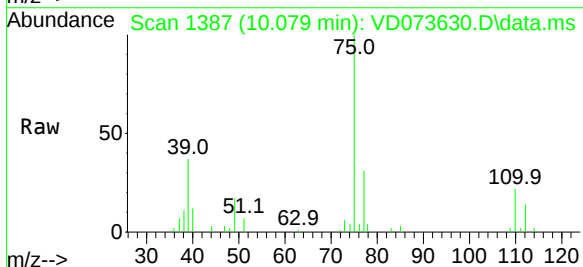
Tgt Ion: 75 Resp: 22784

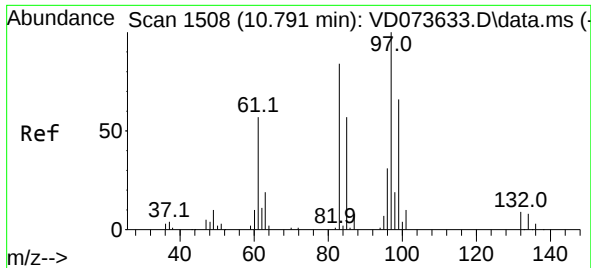
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8

39 36.7 37.9 56.9#

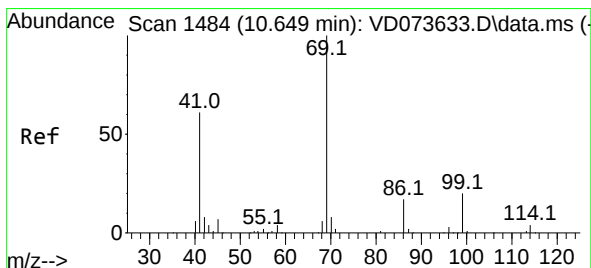
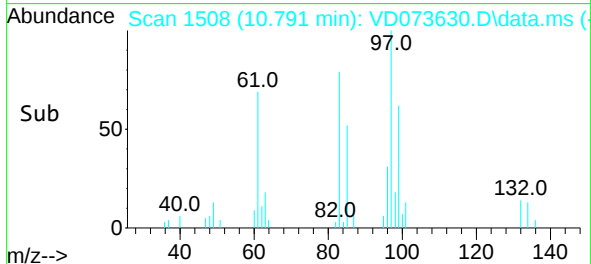
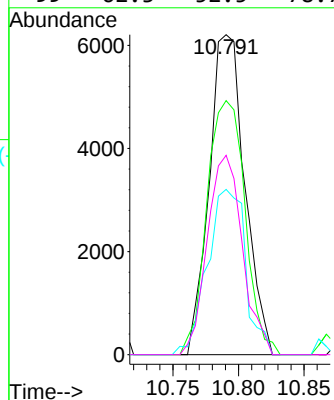
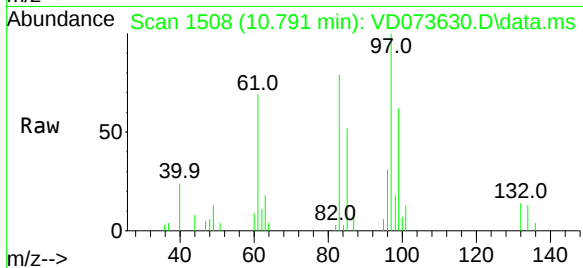




#55
1,1,2-Trichloroethane
Concen: 5.028 ug/l
RT: 10.791 min Scan# 11733
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

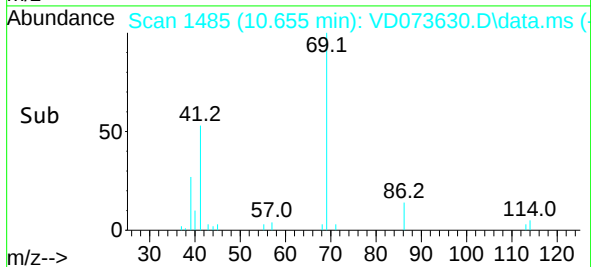
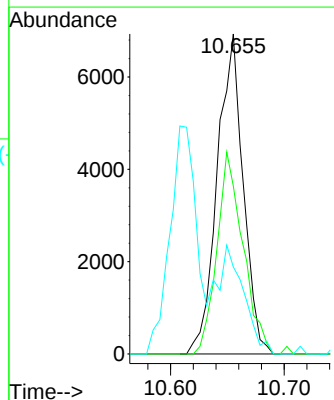
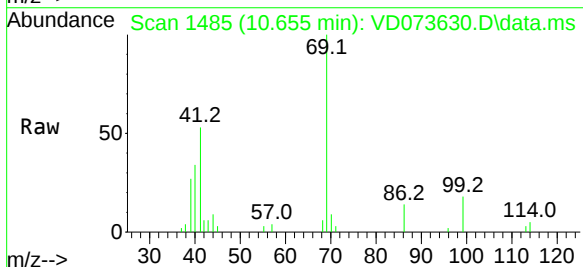
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

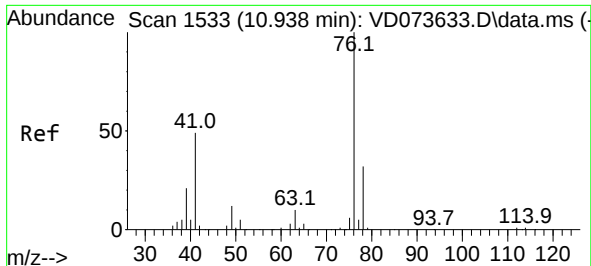
Tgt Ion: 97	Resp: 11733
Ion Ratio	Lower Upper
97 100	
83 79.4	66.8 100.2
85 51.7	45.2 67.8
99 62.3	52.5 78.7



#56
Ethyl methacrylate
Concen: 4.275 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 69	Resp: 11009
Ion Ratio	Lower Upper
69 100	
41 63.4	50.8 76.2
39 35.5	26.2 39.4





#57

1,3-Dichloropropane

Concen: 4.867 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

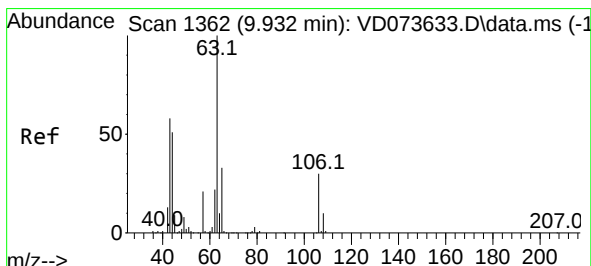
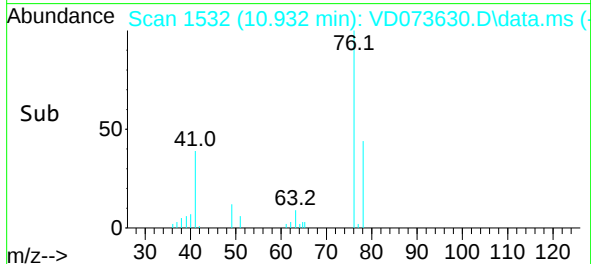
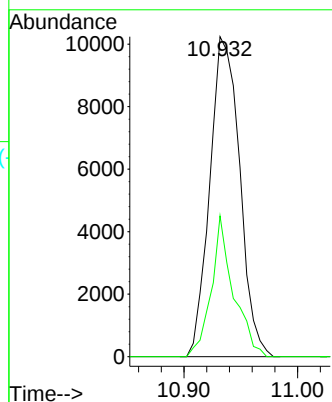
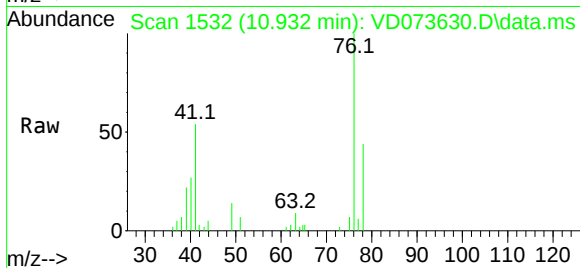
VSTDIC005

Tgt Ion: 76 Resp: 18708

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 24.055 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073630.D

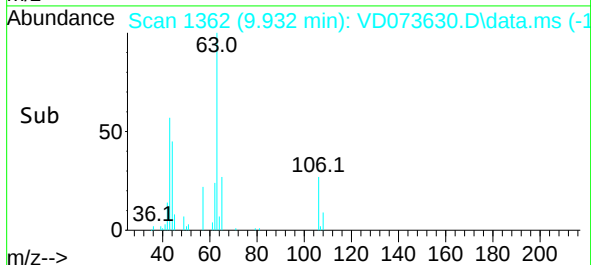
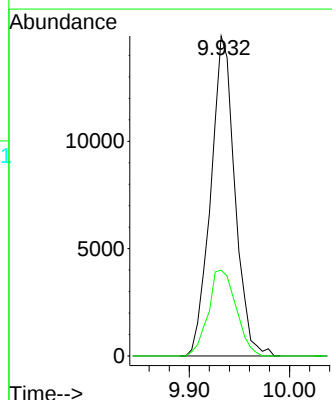
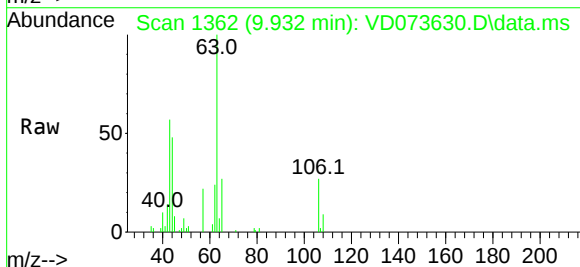
Acq: 20 Jun 2022 13:42

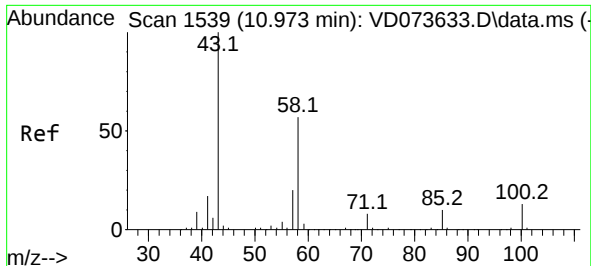
Tgt Ion: 63 Resp: 24913

Ion Ratio Lower Upper

63 100

106 30.9 23.7 35.5

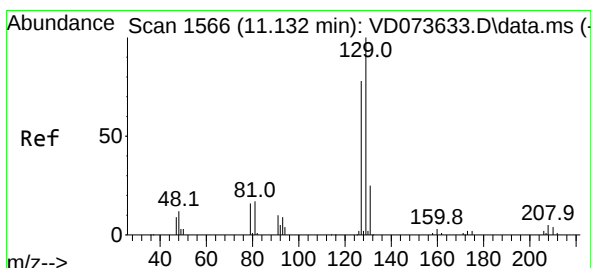
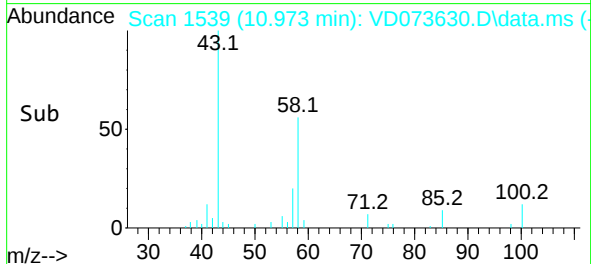
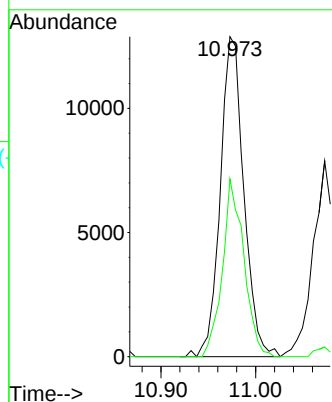
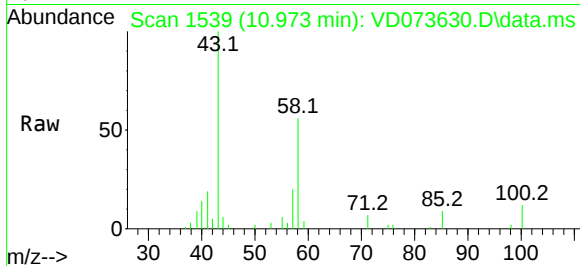




#59
2-Hexanone
Concen: 21.690 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

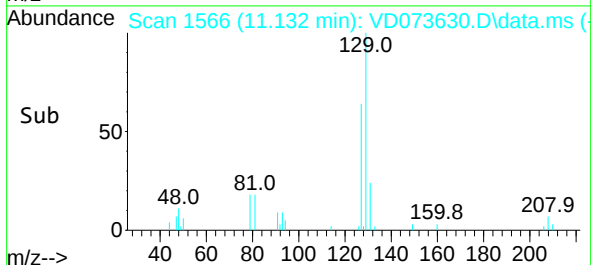
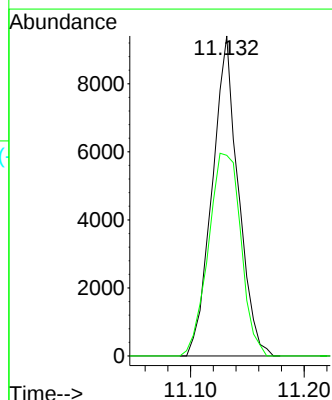
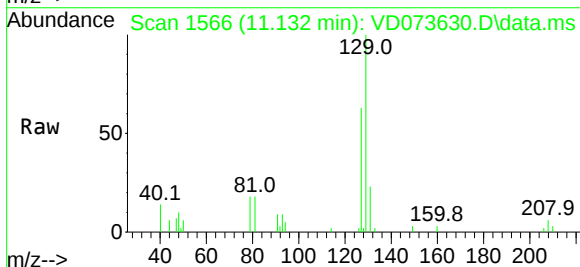
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

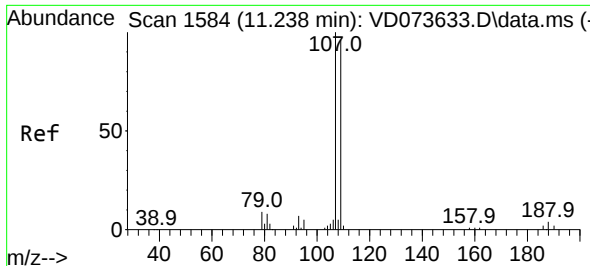
Tgt Ion: 43 Resp: 22270
Ion Ratio Lower Upper
43 100
58 50.6 28.1 84.2



#60
Dibromochloromethane
Concen: 4.928 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 129 Resp: 14994
Ion Ratio Lower Upper
129 100
127 78.9 39.4 118.2

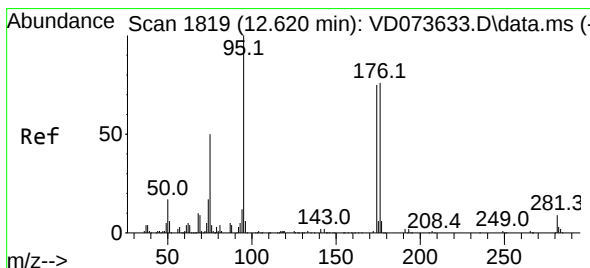
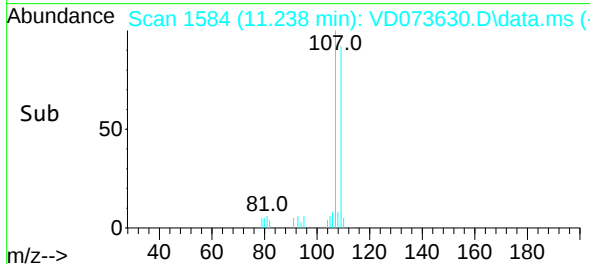
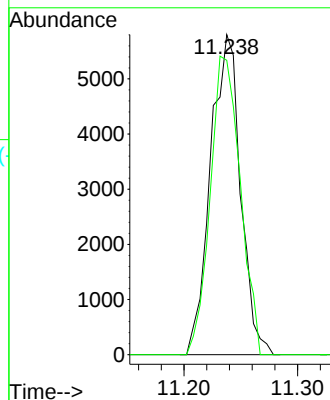
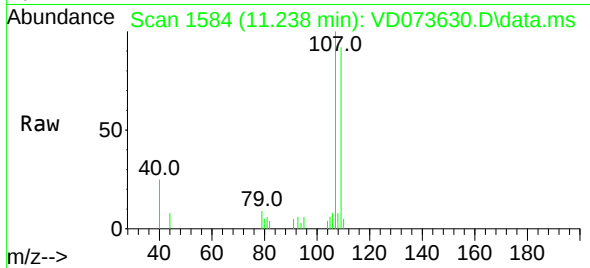




#61
1,2-Dibromoethane
Concen: 4.763 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

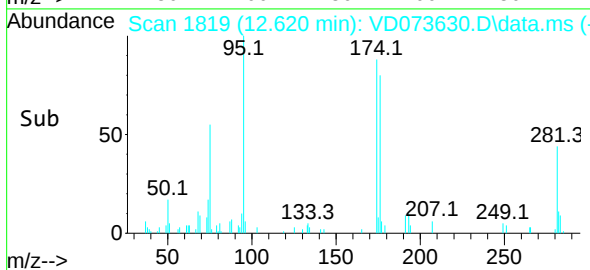
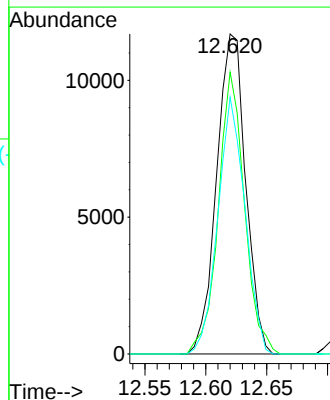
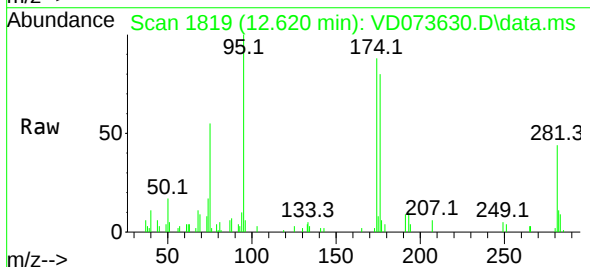
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

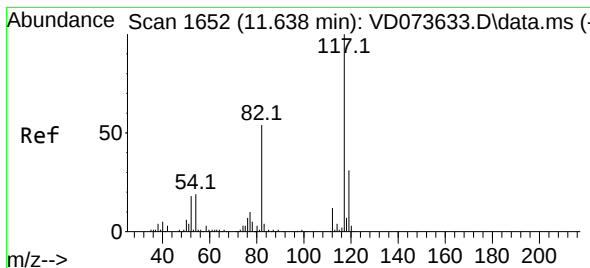
Tgt Ion:107 Resp: 10649
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 5.181 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 95 Resp: 19437
Ion Ratio Lower Upper
95 100
174 79.3 0.0 156.4
176 74.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

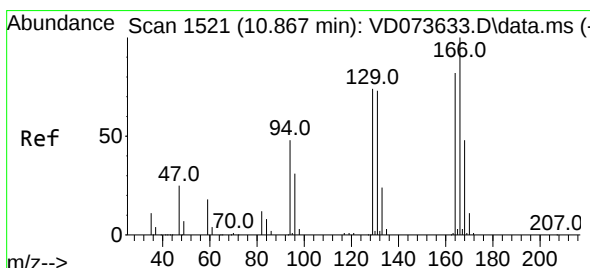
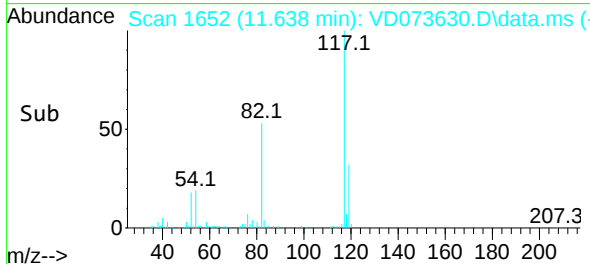
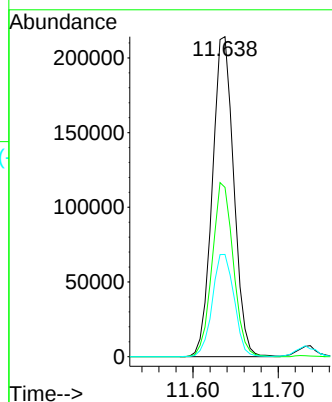
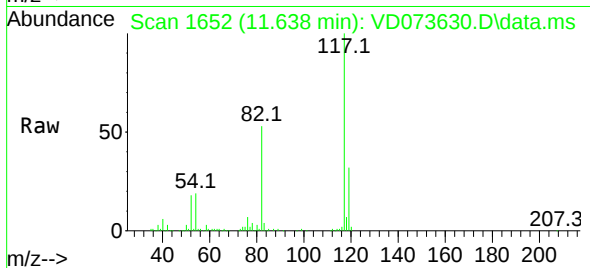
Tgt Ion:117 Resp: 374328

Ion Ratio Lower Upper

117 100

82 52.9 43.0 64.4

119 31.9 24.5 36.7



#64

Tetrachloroethene

Concen: 5.681 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Tgt Ion:164 Resp: 15742

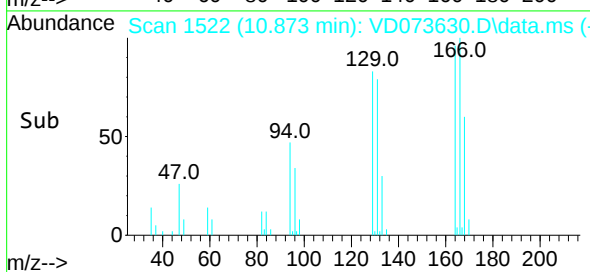
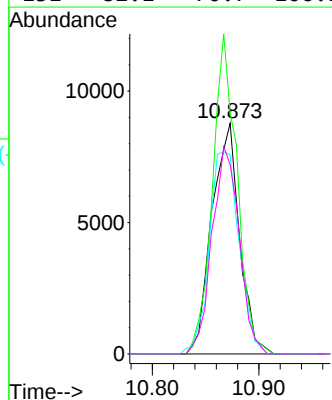
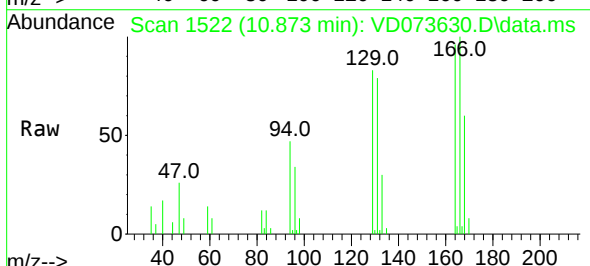
Ion Ratio Lower Upper

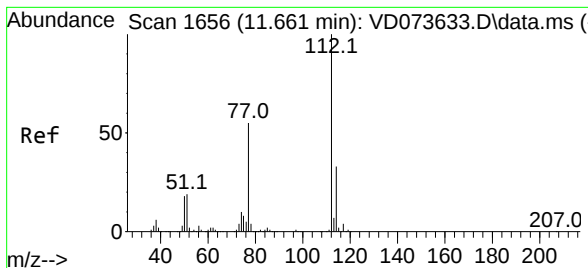
164 100

166 104.5 97.1 145.7

129 86.3 72.1 108.1

131 82.1 70.7 106.1

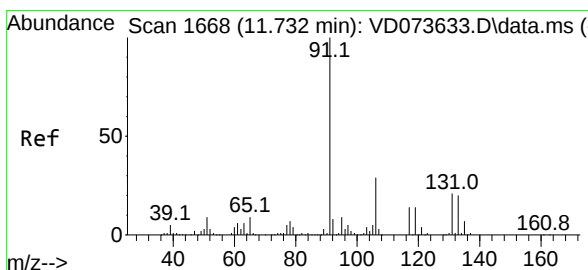
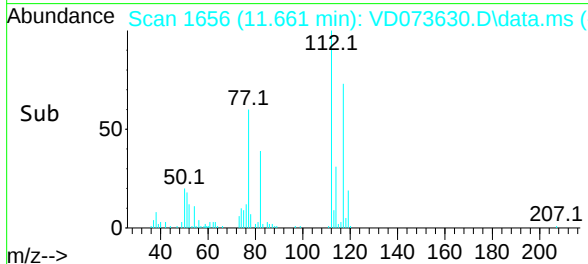
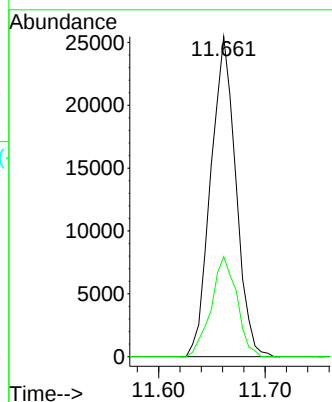
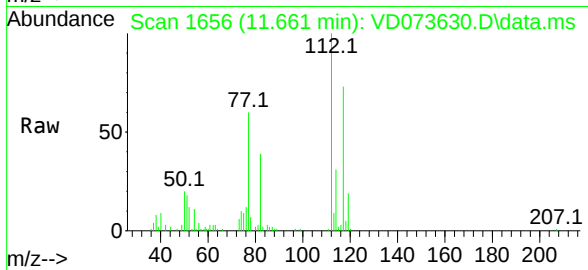




#65
Chlorobenzene
Concen: 4.981 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

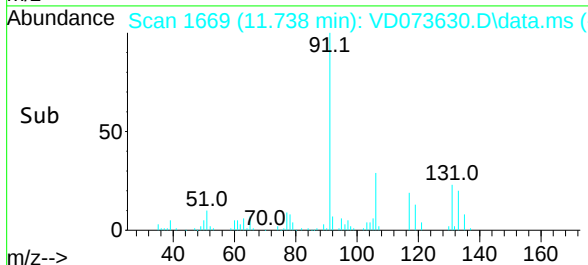
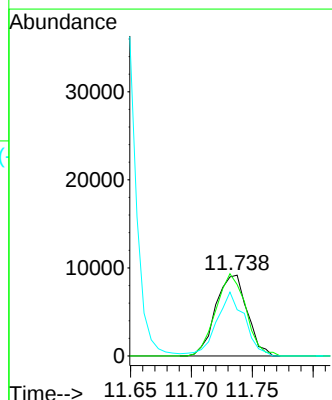
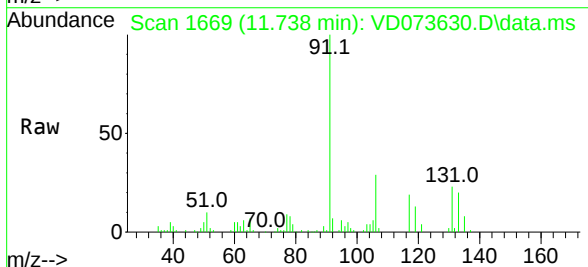
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

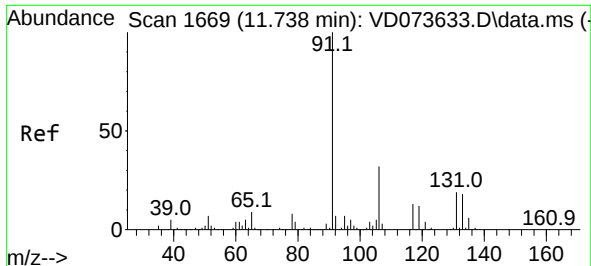
Tgt Ion:112 Resp: 41638
Ion Ratio Lower Upper
112 100
114 31.3 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.106 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:131 Resp: 16541
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 70.3 32.6 97.7

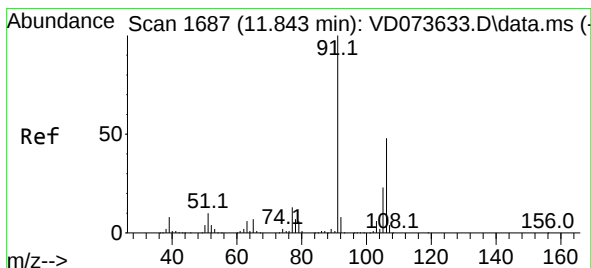
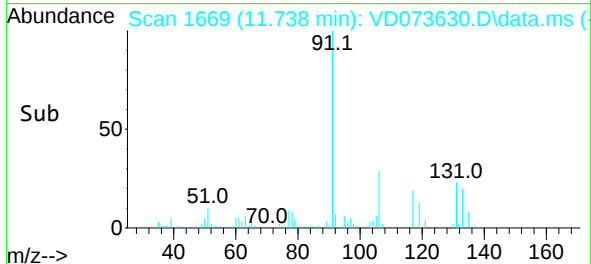
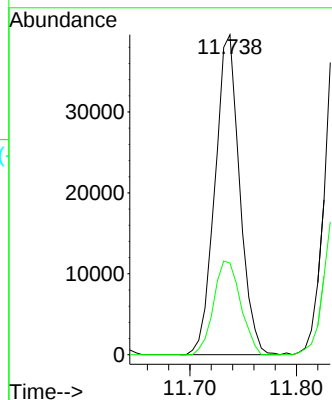
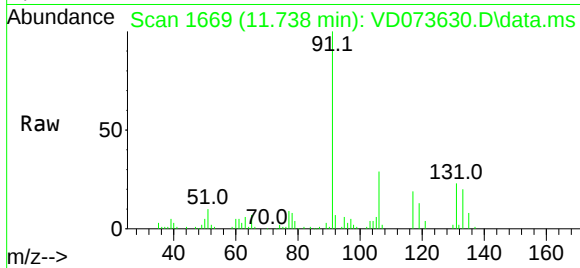




#67
Ethyl Benzene
Concen: 4.474 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

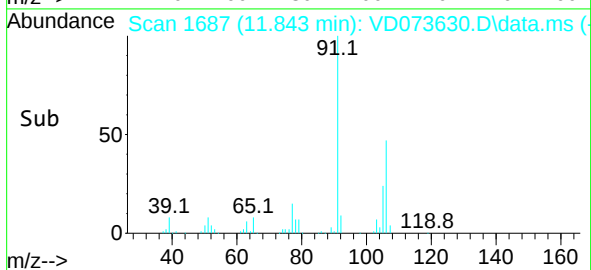
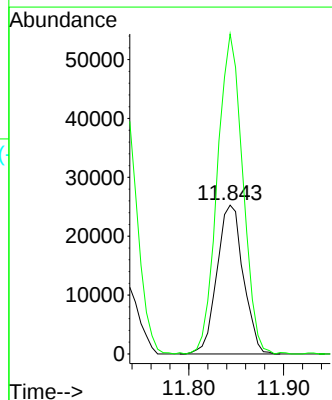
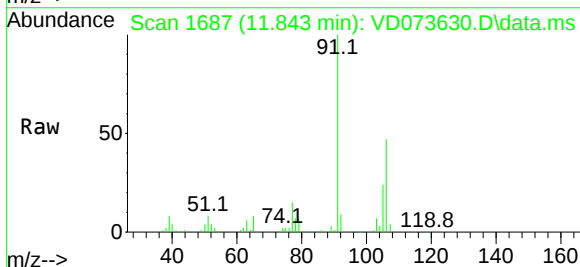
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

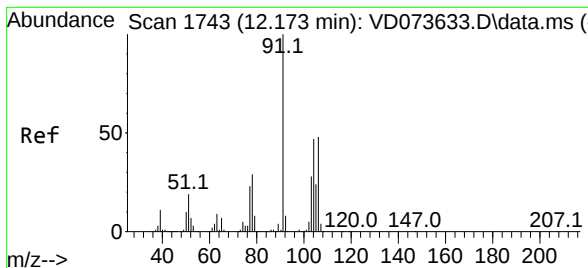
Tgt Ion: 91 Resp: 63580
Ion Ratio Lower Upper
91 100
106 28.7 25.8 38.6



#68
m/p-Xylenes
Concen: 8.723 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 106 Resp: 48815
Ion Ratio Lower Upper
106 100
91 208.2 162.7 244.1

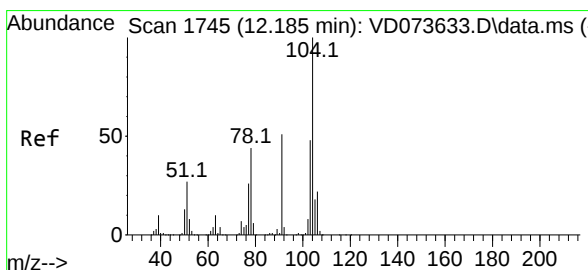
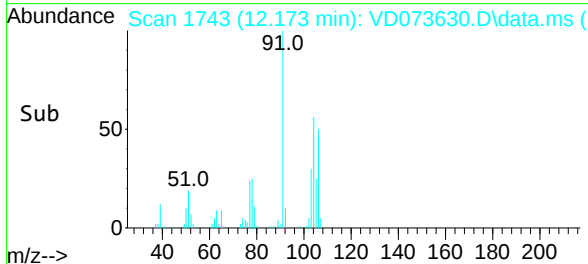
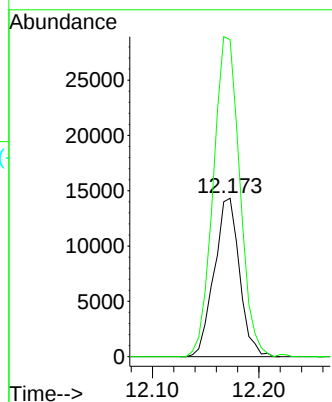
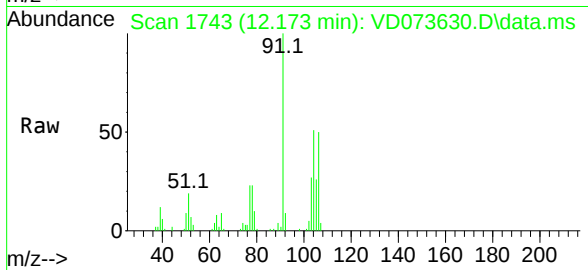




#69
o-Xylene
Concen: 4.524 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

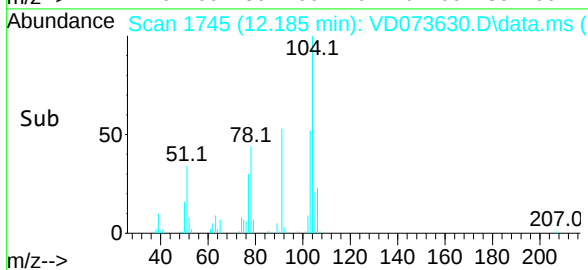
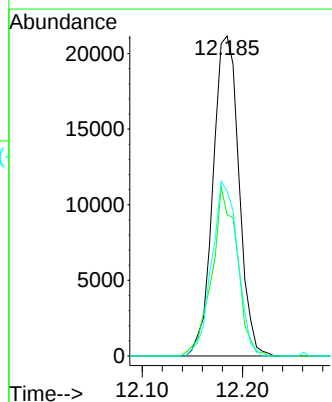
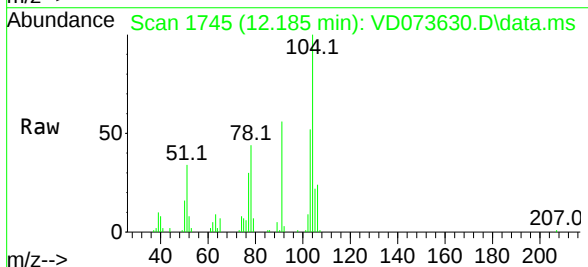
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

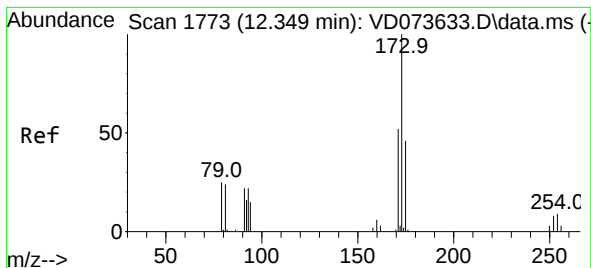
Tgt Ion:106 Resp: 23596
Ion Ratio Lower Upper
106 100
91 211.8 107.1 321.3



#70
Styrene
Concen: 4.247 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:104 Resp: 37990
Ion Ratio Lower Upper
104 100
78 51.1 40.1 60.1
103 54.5 42.8 64.2





#71

Bromoform

Concen: 5.015 ug/l

RT: 12.343 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

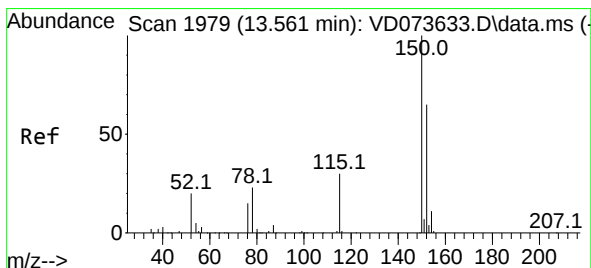
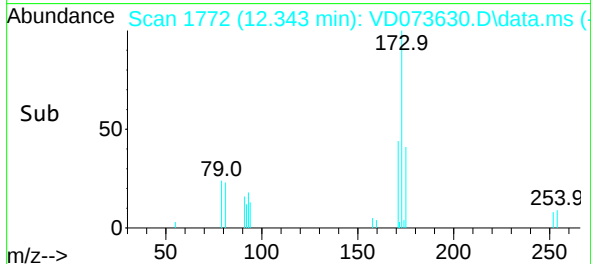
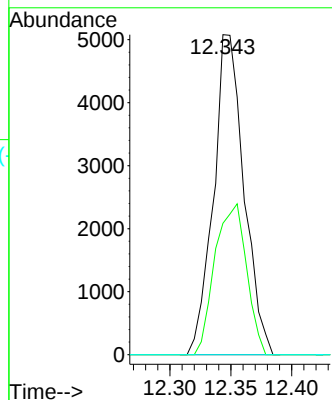
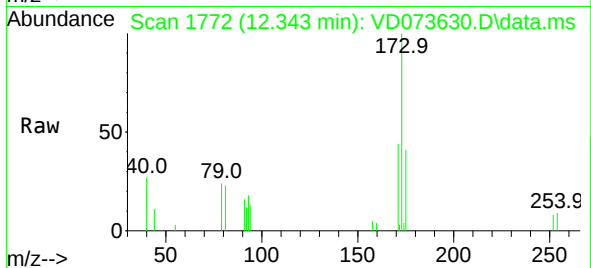
Tgt Ion:173 Resp: 8845

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

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: VD073630.D

Acq: 20 Jun 2022 13:42

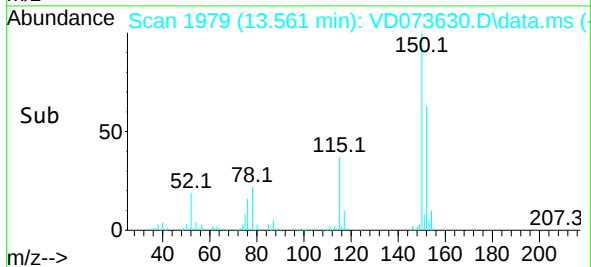
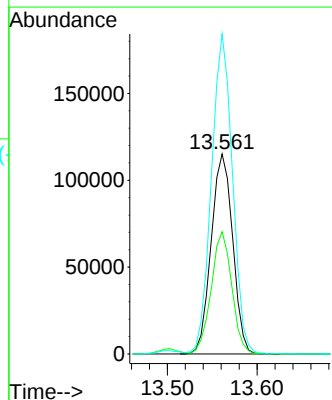
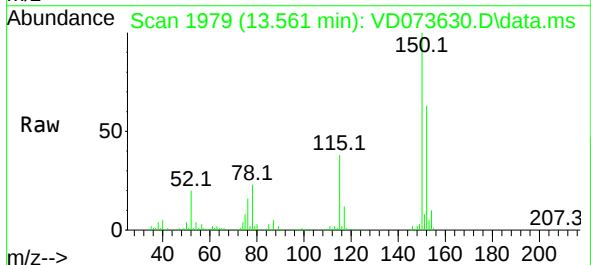
Tgt Ion:152 Resp: 191610

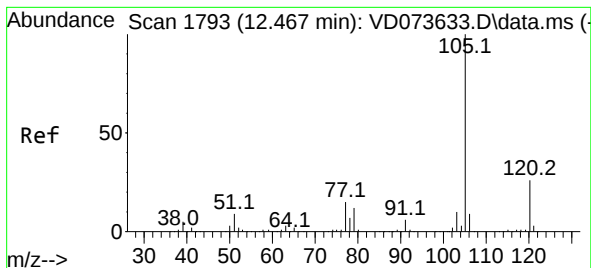
Ion Ratio Lower Upper

152 100

115 58.5 29.6 88.9

150 156.6 0.0 351.2





#73

Isopropylbenzene

Concen: 4.340 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

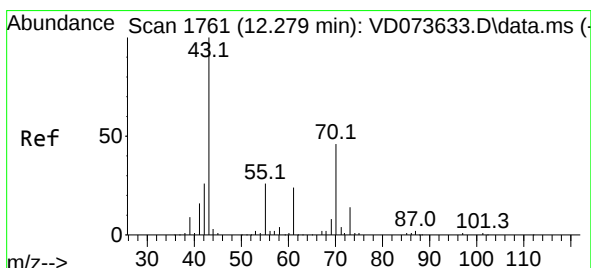
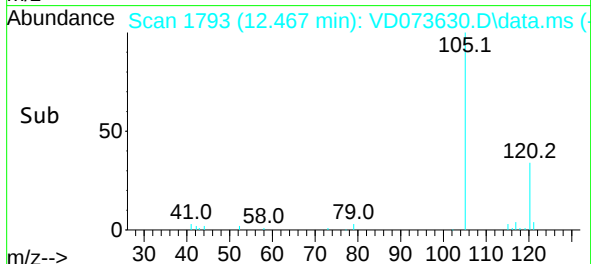
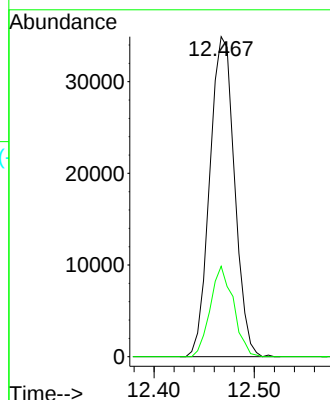
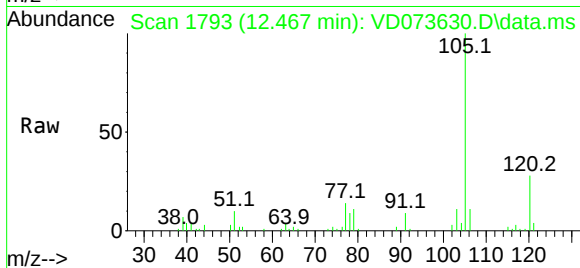
VSTDIC005

Tgt Ion:105 Resp: 60007

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 4.281 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp: 11963

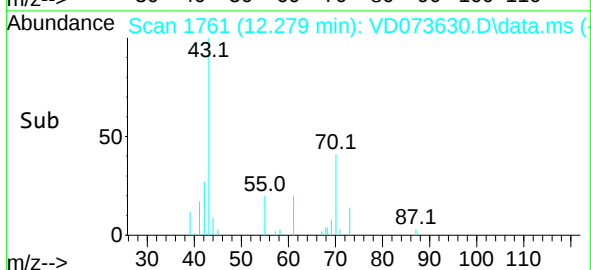
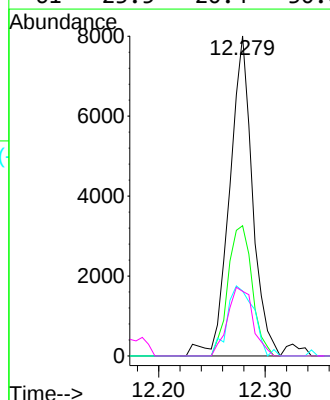
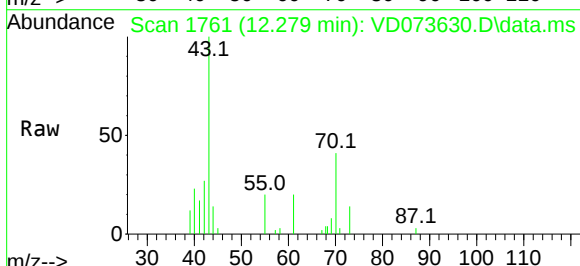
Ion Ratio Lower Upper

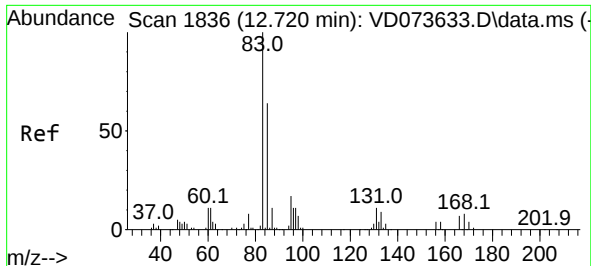
43 100

70 42.8 35.8 53.8

55 25.5 21.1 31.7

61 23.5 20.4 30.6

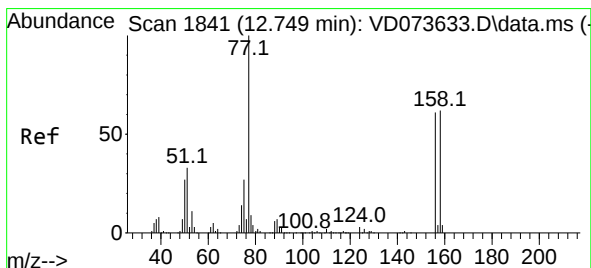
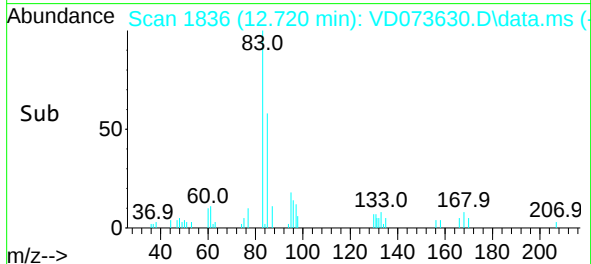
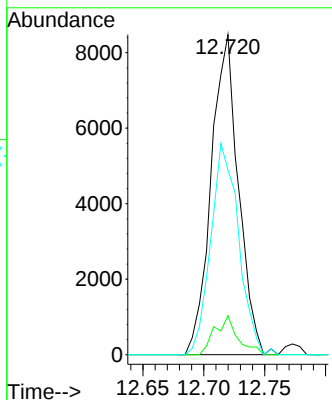
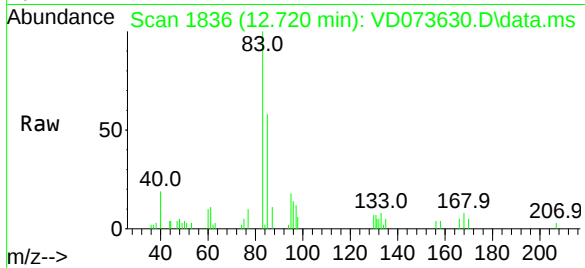




#75
1,1,2,2-Tetrachloroethane
Concen: 5.099 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

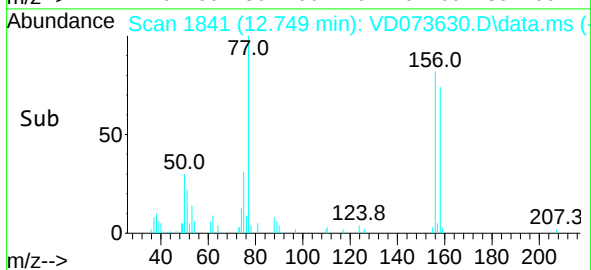
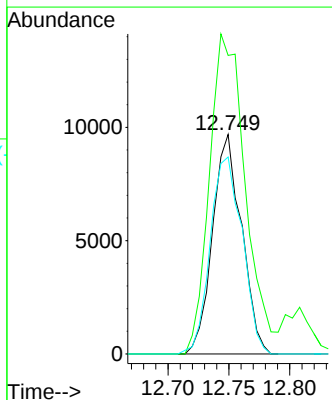
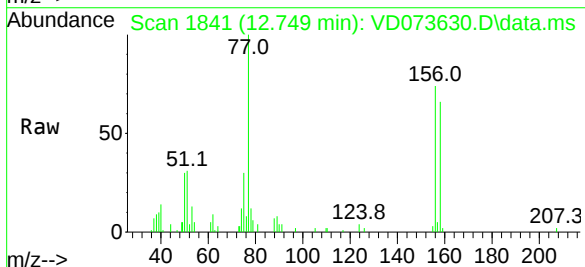
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

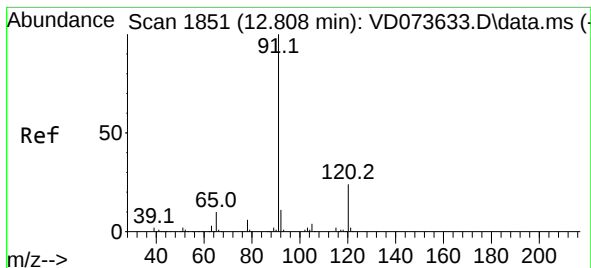
Tgt Ion: 83 Resp: 13256
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.7
85 67.3 31.6 95.0



#77
Bromobenzene
Concen: 4.775 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 156 Resp: 16065
Ion Ratio Lower Upper
156 100
77 180.5 91.5 274.4
158 98.8 48.8 146.3





#78

n-propylbenzene

Concen: 4.265 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

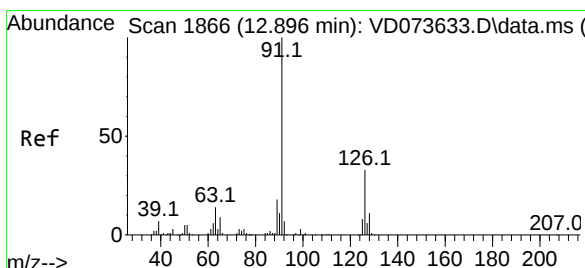
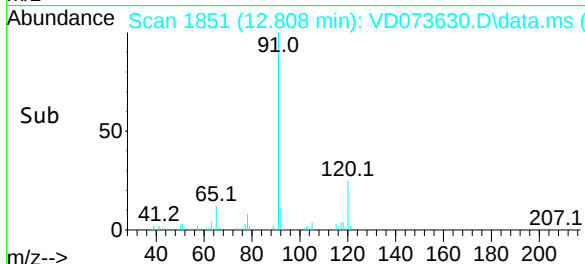
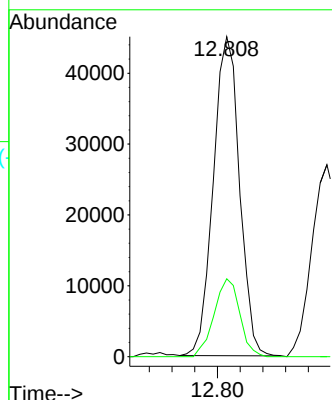
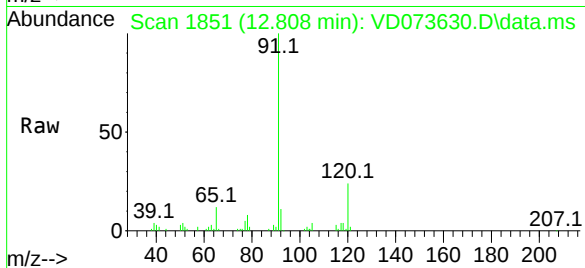
VSTDICC005

Tgt Ion: 91 Resp: 72221

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 4.626 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073630.D

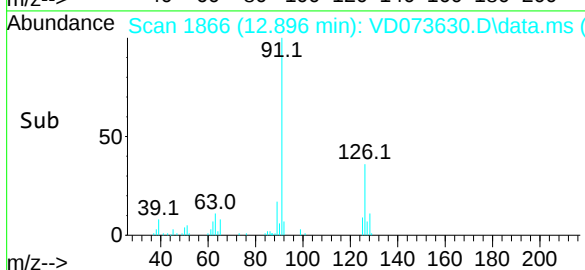
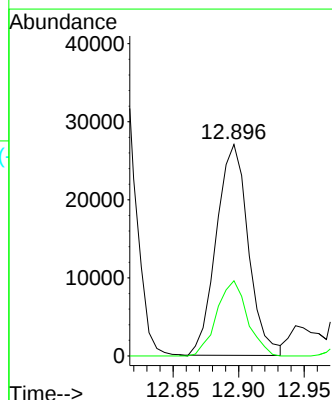
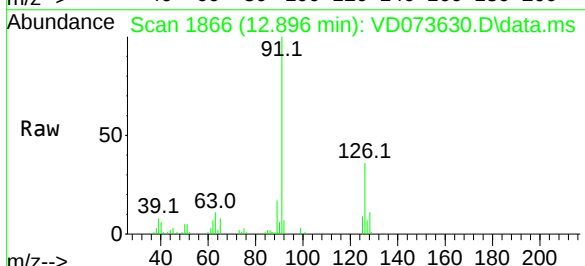
Acq: 20 Jun 2022 13:42

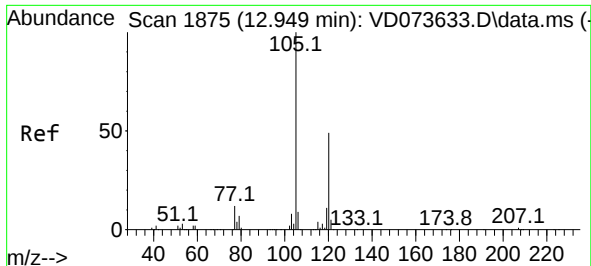
Tgt Ion: 91 Resp: 45948

Ion Ratio Lower Upper

91 100

126 34.0 17.3 51.7

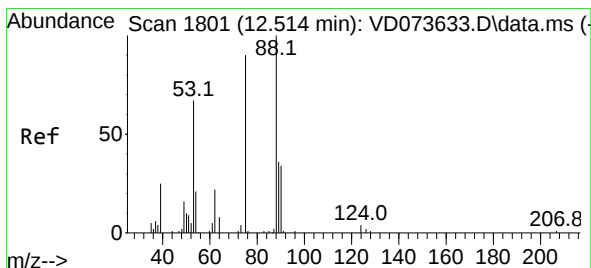
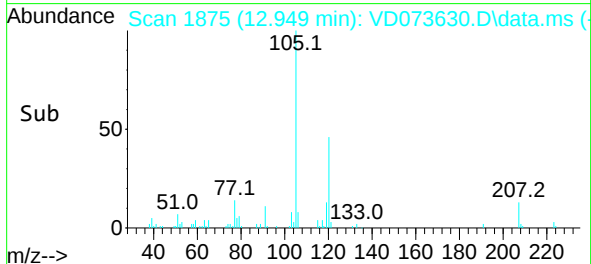
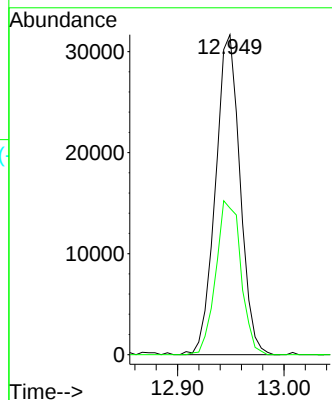
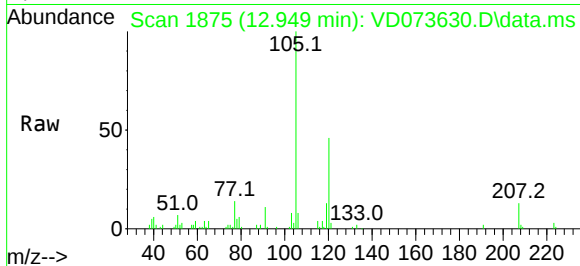




#80
1,3,5-Trimethylbenzene
Concen: 4.288 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

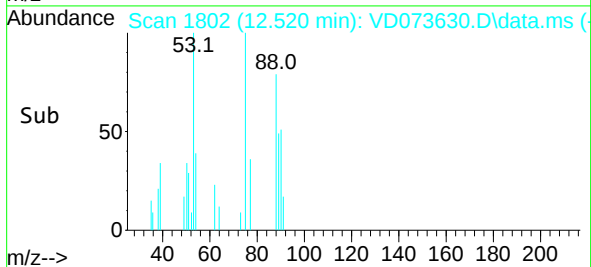
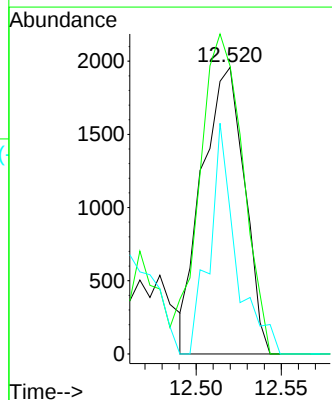
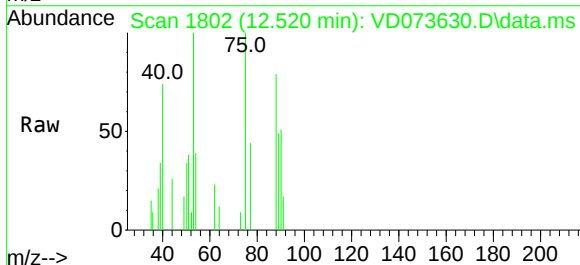
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

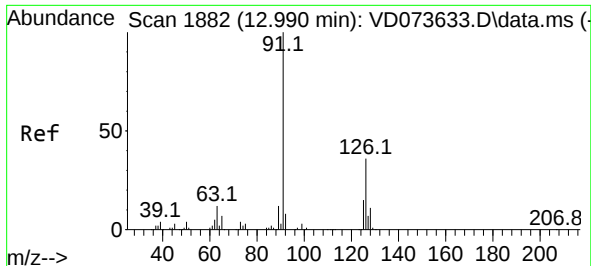
Tgt Ion:105 Resp: 50626
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 4.206 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 75 Resp: 3380
Ion Ratio Lower Upper
75 100
53 114.5 70.5 105.7#
89 50.1 35.8 53.8

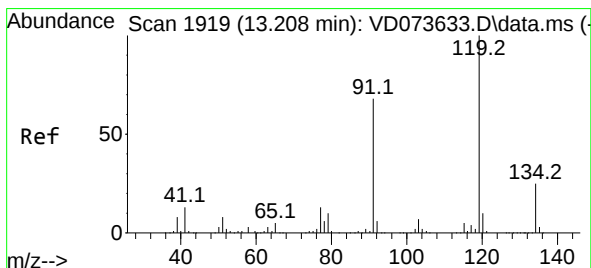
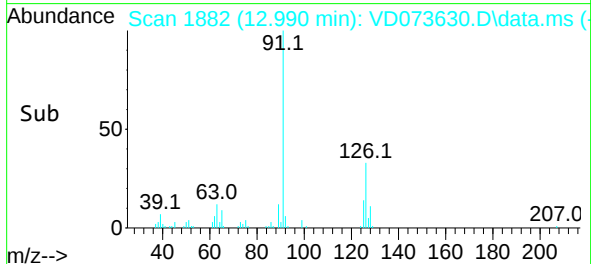
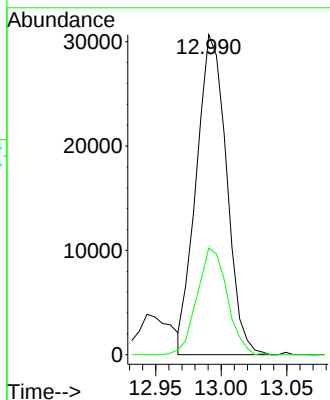
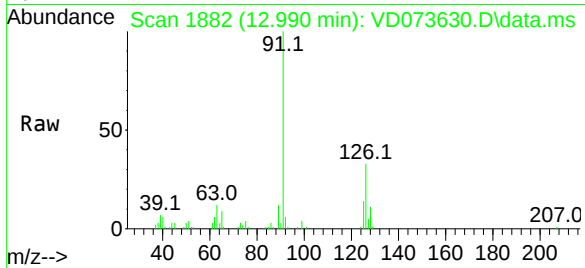




#82
4-Chlorotoluene
Concen: 4.641 ug/l
RT: 12.990 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

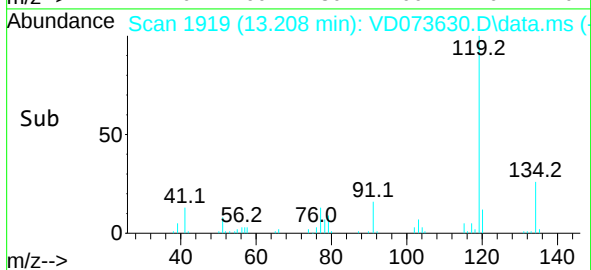
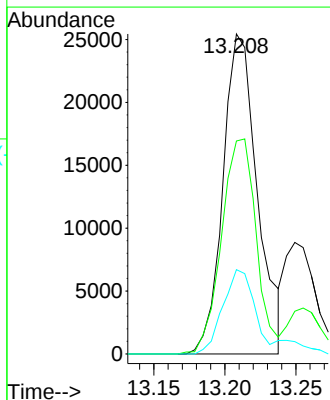
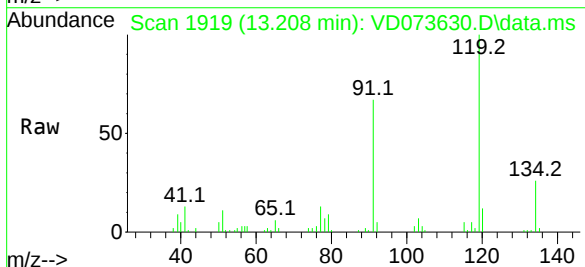
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

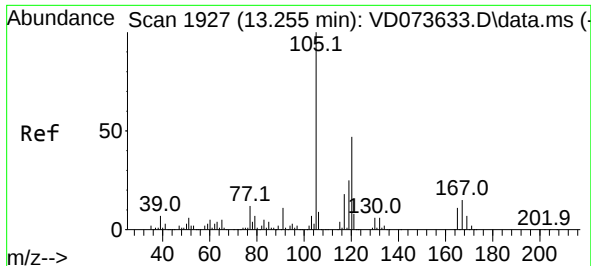
Tgt Ion: 91 Resp: 49206
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2



#83
tert-Butylbenzene
Concen: 4.203 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 119 Resp: 42959
Ion Ratio Lower Upper
119 100
91 67.7 32.3 96.8
134 27.7 13.3 39.8

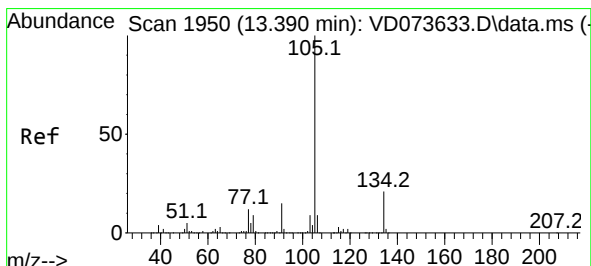
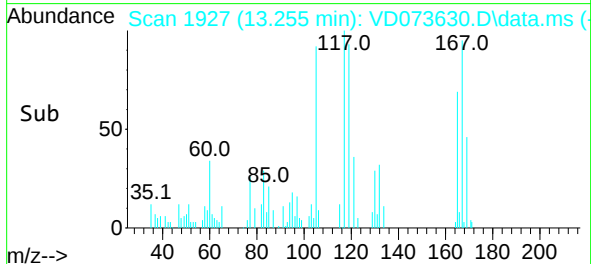
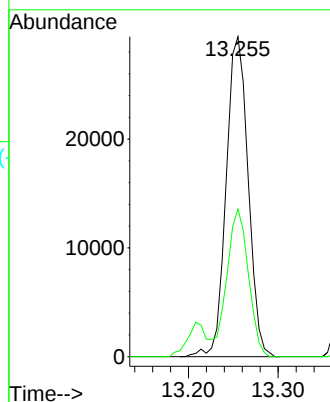
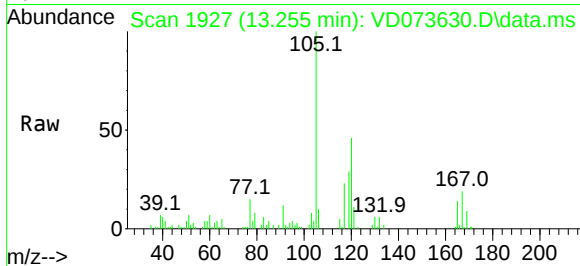




#84
1,2,4-Trimethylbenzene
Concen: 4.289 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

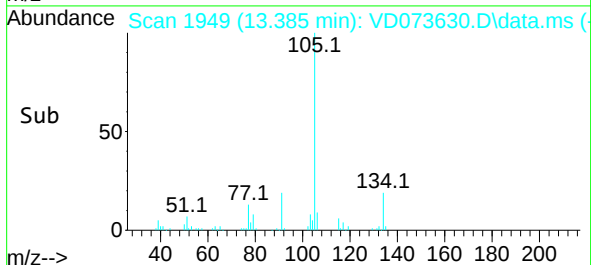
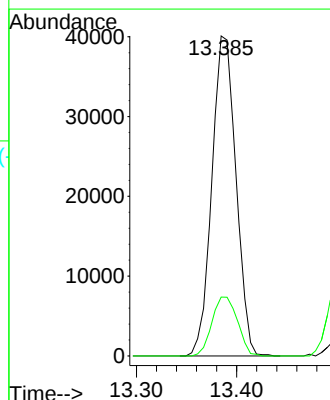
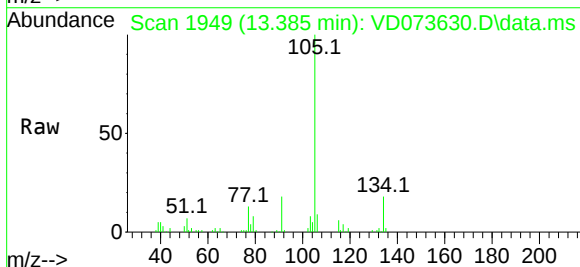
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

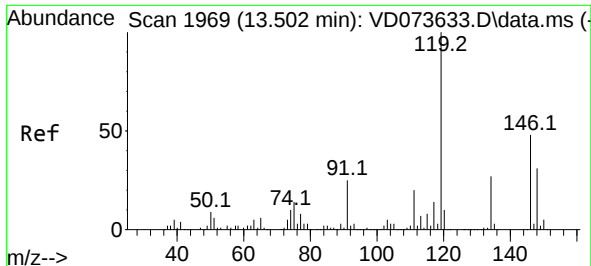
Tgt Ion:105 Resp: 49954
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2



#85
sec-Butylbenzene
Concen: 4.408 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:105 Resp: 66994
Ion Ratio Lower Upper
105 100
134 19.5 10.3 30.8

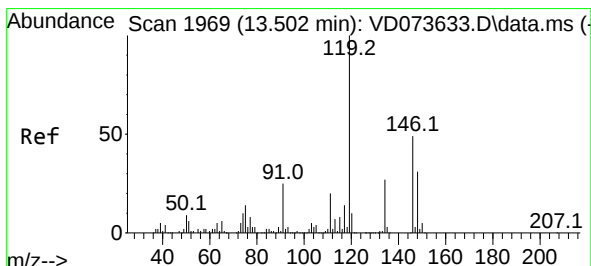
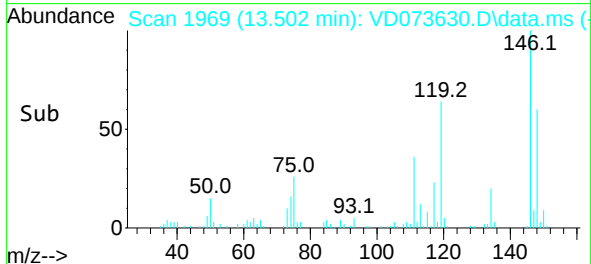
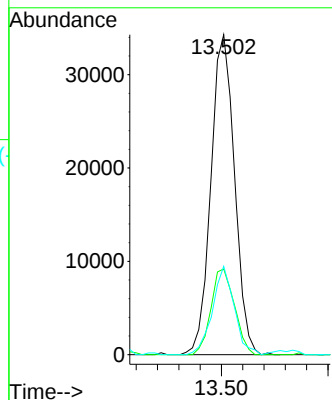
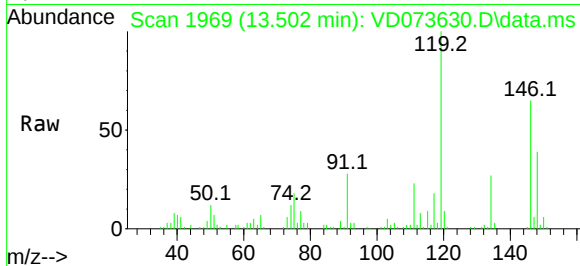




#86
p-Isopropyltoluene
Concen: 4.202 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

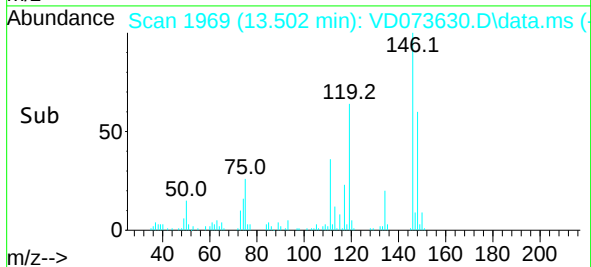
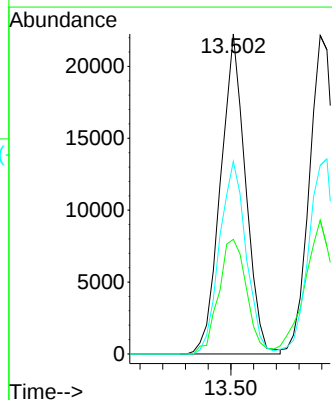
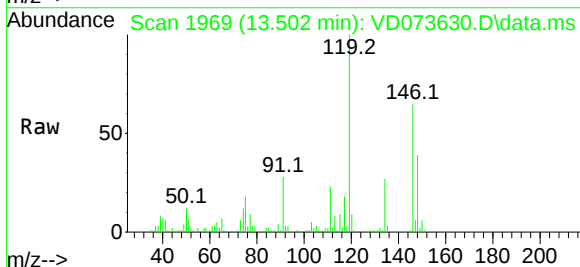
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

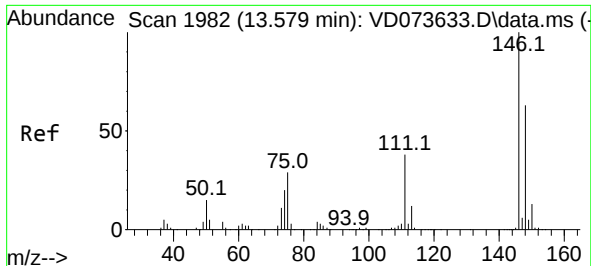
Tgt Ion:119 Resp: 52751
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.3
91 25.4 12.0 36.0



#87
1,3-Dichlorobenzene
Concen: 4.907 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:146 Resp: 34062
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 63.7 31.7 95.1

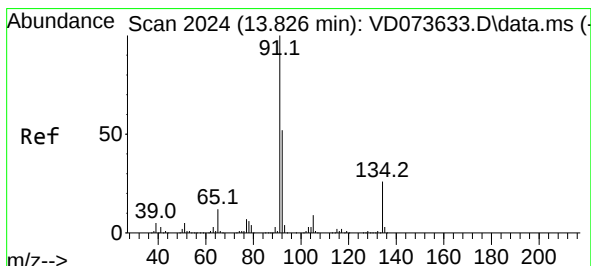
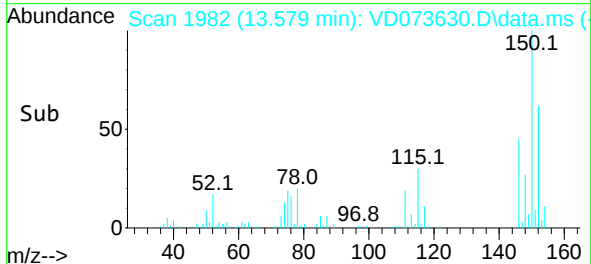
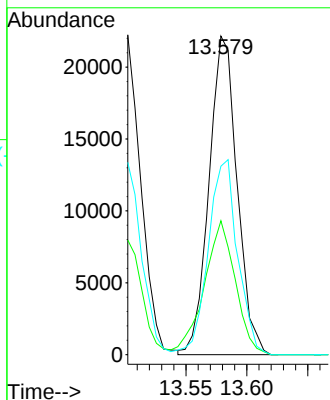
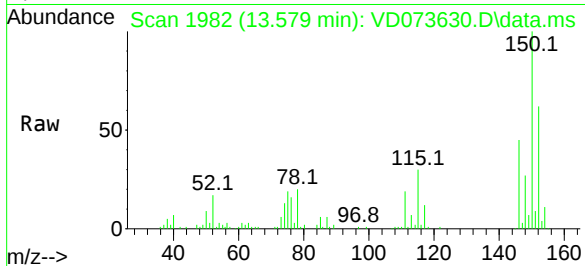




#88
 1,4-Dichlorobenzene
 Concen: 5.169 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

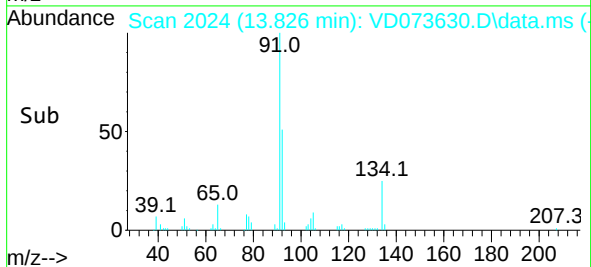
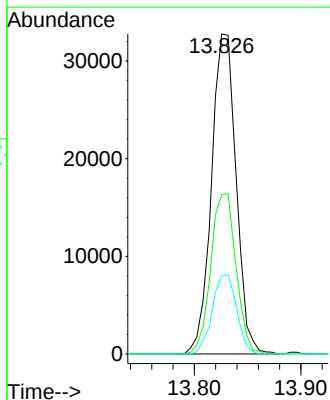
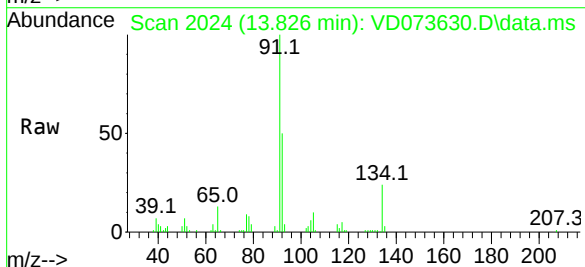
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

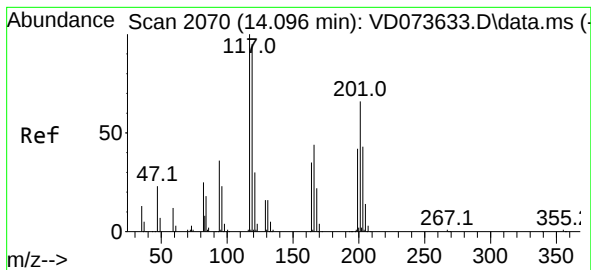
Tgt Ion:146	Resp:	35557
Ion Ratio	Lower	Upper
146	100	
111	46.6	19.8 59.3
148	64.2	31.9 95.9



#89
 n-Butylbenzene
 Concen: 4.457 ug/l
 RT: 13.826 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

Tgt Ion: 91	Resp:	52606
Ion Ratio	Lower	Upper
91	100	
92	51.3	26.8 80.4
134	24.5	13.1 39.3





#90

Hexachloroethane

Concen: 5.343 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

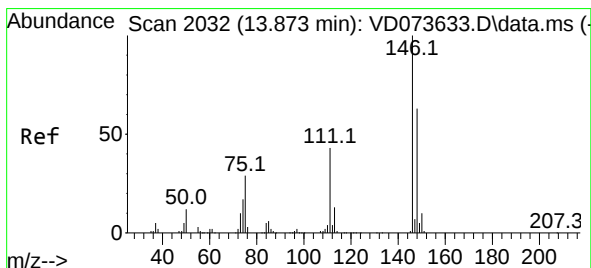
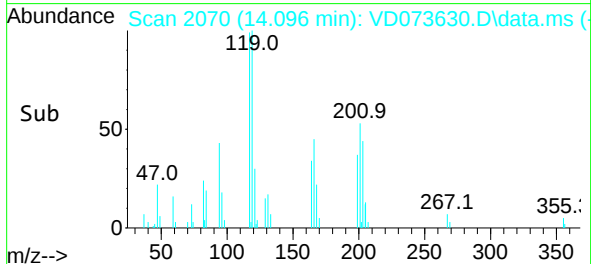
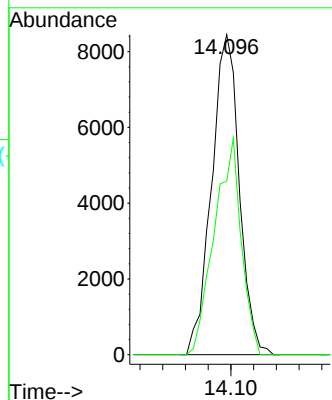
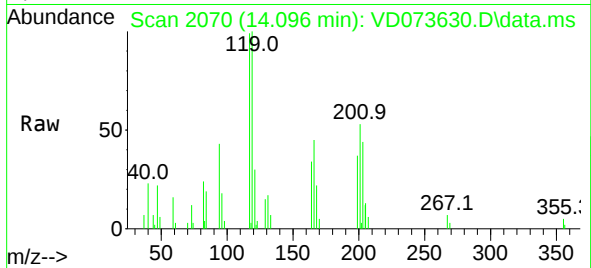
VSTDIC005

Tgt Ion:117 Resp: 14326

Ion Ratio Lower Upper

117 100

201 65.5 34.5 103.6



#91

1,2-Dichlorobenzene

Concen: 4.860 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

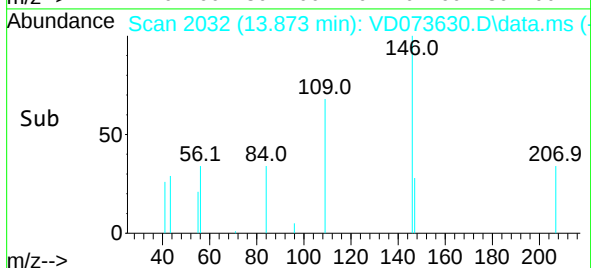
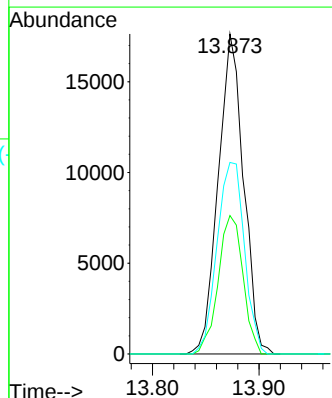
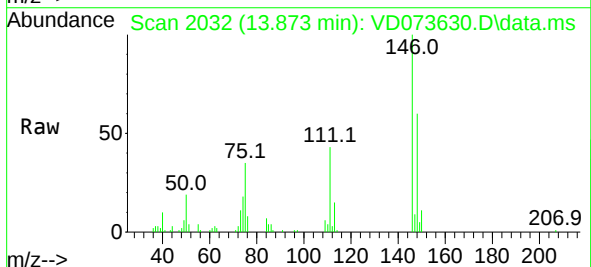
Tgt Ion:146 Resp: 29100

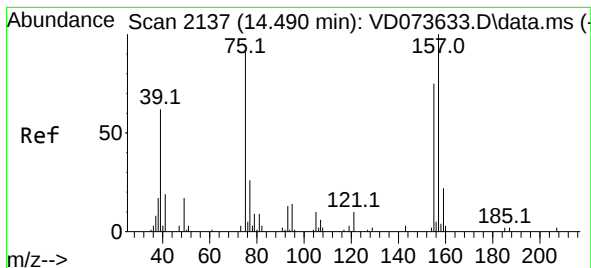
Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.7

148 64.7 31.5 94.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.938 ug/l

RT: 14.496 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

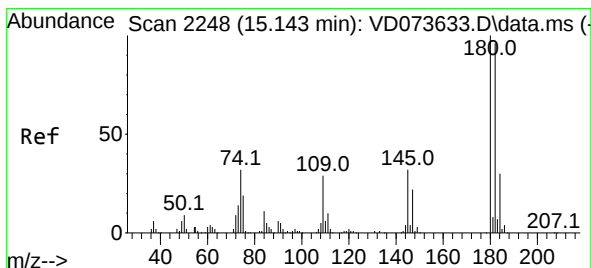
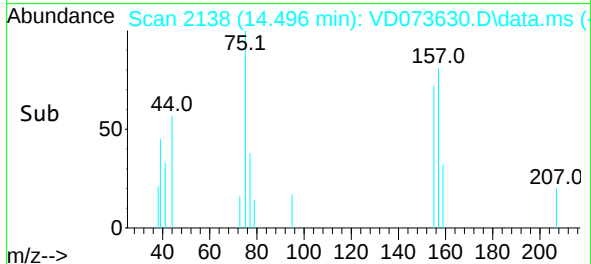
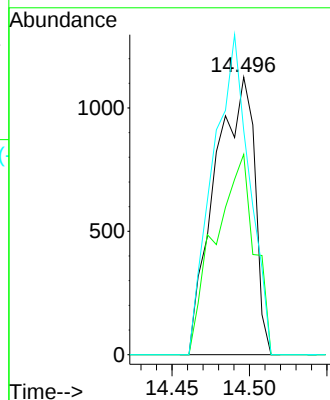
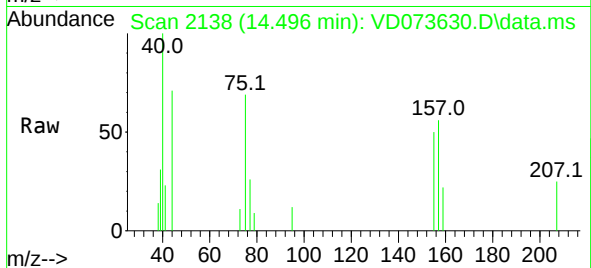
Tgt Ion: 75 Resp: 2005

Ion Ratio Lower Upper

75 100

155 71.6 41.6 124.8

157 105.8 51.7 155.2



#93

1,2,4-Trichlorobenzene

Concen: 4.879 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD073630.D

Acq: 20 Jun 2022 13:42

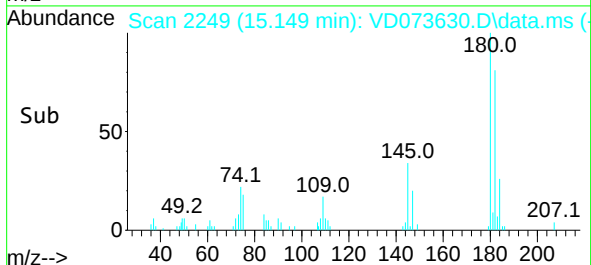
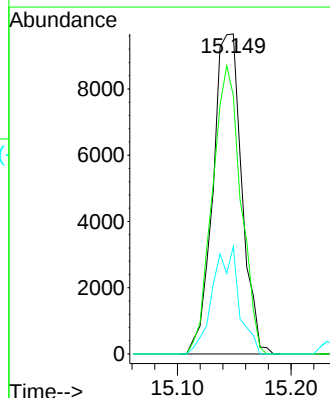
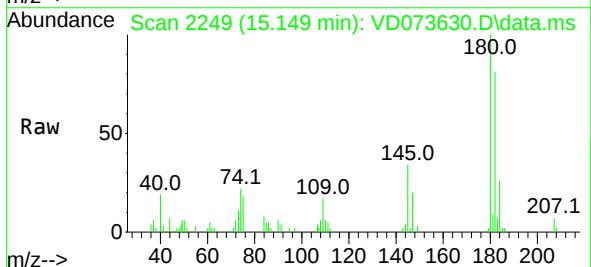
Tgt Ion:180 Resp: 17020

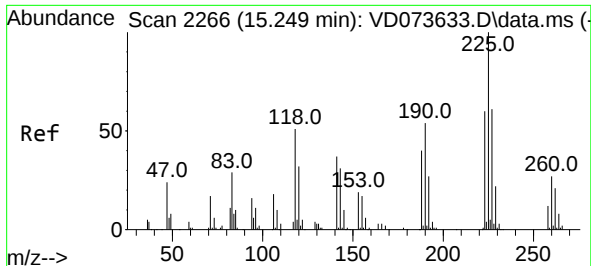
Ion Ratio Lower Upper

180 100

182 89.5 48.0 144.2

145 30.6 16.1 48.3

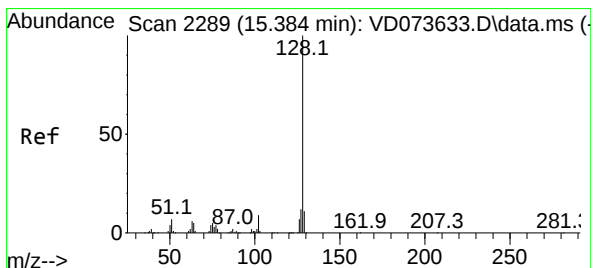
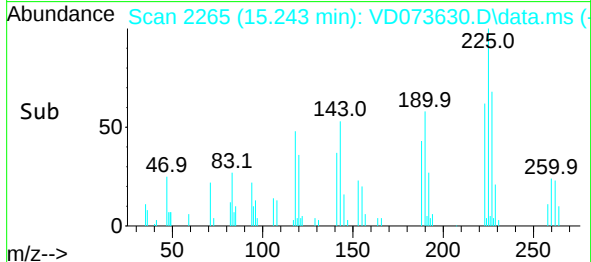
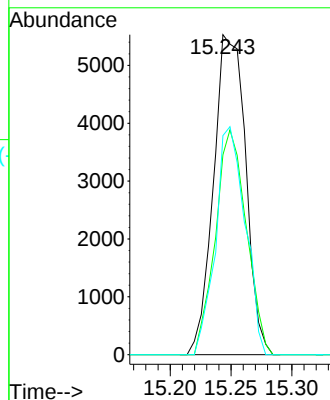
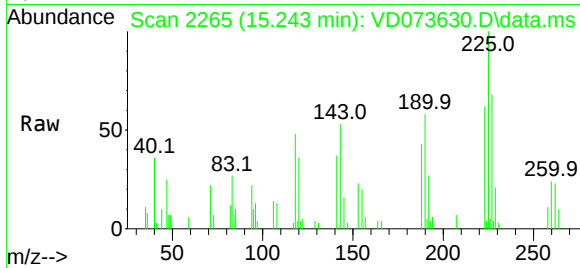




#94
Hexachlorobutadiene
Concen: 5.123 ug/l
RT: 15.243 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

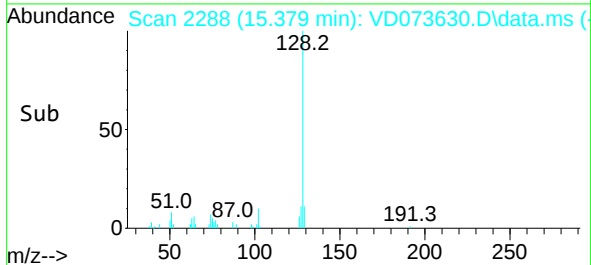
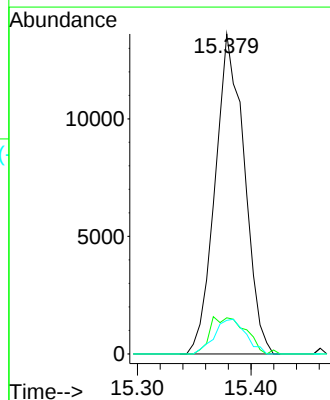
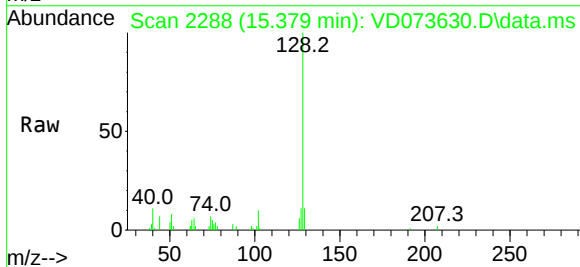
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

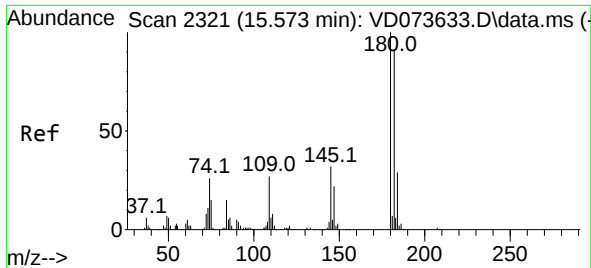
Tgt Ion:225 Resp: 10127
Ion Ratio Lower Upper
225 100
223 67.8 31.0 93.0
227 65.7 31.8 95.4



#95
Naphthalene
Concen: 4.010 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073630.D
Acq: 20 Jun 2022 13:42

Tgt Ion:128 Resp: 24306
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 11.7 9.0 13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 4.571 ug/l
 RT: 15.579 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073630.D
 Acq: 20 Jun 2022 13:42

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 13872
 Ion Ratio Lower Upper
 180 100
 182 89.2 46.1 138.3
 145 32.7 16.8 50.3

