

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\Not reviewed data\
 Data File : VD073502.D
 Acq On : 09 Jun 2022 10:55
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 10 17:12:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	333442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	547562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	530841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	71655	20.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.040%#
35) Dibromofluoromethane	7.908	113	70480	20.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.040%#
50) Toluene-d8	10.332	98	270083	20.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.580%#
62) 4-Bromofluorobenzene	12.620	95	97422	20.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	67736	21.301	ug/l	90
3) Chloromethane	2.209	50	68956	21.145	ug/l	91
4) Vinyl Chloride	2.344	62	60728	19.861	ug/l	99
5) Bromomethane	2.744	94	41239	18.814	ug/l	100
6) Chloroethane	2.909	64	39797	20.425	ug/l	96
7) Trichlorofluoromethane	3.262	101	119435	19.934	ug/l	92
8) Diethyl Ether	3.709	74	32171	18.762	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	67013	19.556	ug/l	93
10) Methyl Iodide	4.291	142	65103	18.672	ug/l #	95
11) Tert butyl alcohol	5.173	59	83631	107.676	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	64374	19.786	ug/l #	80
13) Acrolein	3.920	56	15908	100.939	ug/l	100
14) Allyl chloride	4.709	41	89280	18.433	ug/l #	93
15) Acrylonitrile	5.408	53	73250	95.132	ug/l	97
16) Acetone	4.162	43	55753	88.490	ug/l	96
17) Carbon Disulfide	4.397	76	208950	20.261	ug/l	96
18) Methyl Acetate	4.714	43	33861	19.912	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	146068	18.811	ug/l	95
20) Methylene Chloride	4.950	84	85131	19.576	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	77658	19.731	ug/l	84
22) Diisopropyl ether	6.356	45	203134	19.435	ug/l #	91
23) Vinyl Acetate	6.303	43	545871	96.270	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	130066	19.413	ug/l	98
25) 2-Butanone	7.208	43	86062	92.834	ug/l	93
26) 2,2-Dichloropropane	7.203	77	116223	19.349	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	82106	19.298	ug/l	90
28) Bromochloromethane	7.544	49	49724	18.909	ug/l #	79
29) Tetrahydrofuran	7.561	42	55511	93.866	ug/l	90
30) Chloroform	7.702	83	137960	19.273	ug/l	97
31) Cyclohexane	7.979	56	115465	19.155	ug/l #	89
32) 1,1,1-Trichloroethane	7.897	97	123379	19.562	ug/l	95
36) 1,1-Dichloropropene	8.102	75	104723	19.803	ug/l	96
37) Ethyl Acetate	7.285	43	36675	17.169	ug/l #	92
38) Carbon Tetrachloride	8.091	117	109061	19.714	ug/l	97
39) Methylcyclohexane	9.349	83	119960	19.466	ug/l	98
40) Benzene	8.344	78	300487	19.534	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	20647	17.828	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	84756	19.928	ug/l	95
43) Isopropyl Acetate	8.450	43	77293	18.806	ug/l #	91
44) Trichloroethene	9.102	130	84428	19.706	ug/l	91
45) 1,2-Dichloropropane	9.379	63	74143	19.456	ug/l	98
46) Dibromomethane	9.467	93	41699	19.425	ug/l	93
47) Bromodichloromethane	9.655	83	106420	19.784	ug/l	98
48) Methyl methacrylate	9.449	41	38655	18.987	ug/l #	88
49) 1,4-Dioxane	9.455	88	9816	397.559	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	197142	94.797	ug/l	91
52) Toluene	10.396	92	193971	19.661	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	97460	19.318	ug/l	91
54) cis-1,3-Dichloropropene	10.079	75	115246	19.505	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	59148	19.319	ug/l	98
56) Ethyl methacrylate	10.655	69	65408	18.646	ug/l	84
57) 1,3-Dichloropropane	10.938	76	97357	19.523	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	137574	95.390	ug/l	94
59) 2-Hexanone	10.973	43	136141	95.589	ug/l	94
60) Dibromochloromethane	11.132	129	72758	19.254	ug/l	99
61) 1,2-Dibromoethane	11.238	107	56643	19.417	ug/l	94
64) Tetrachloroethene	10.867	164	68730	19.018	ug/l	89
65) Chlorobenzene	11.661	112	213521	19.549	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	79978	19.299	ug/l	98
67) Ethyl Benzene	11.732	91	364107	19.076	ug/l	97
68) m/p-Xylenes	11.843	106	300297	40.092	ug/l	94
69) o-Xylene	12.173	106	135028	19.592	ug/l	93
70) Styrene	12.185	104	235612	19.819	ug/l	97
71) Bromoform	12.349	173	44472	19.626	ug/l #	99
73) Isopropylbenzene	12.467	105	351874	18.993	ug/l	99
74) N-amyl acetate	12.279	43	76506	18.562	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	64959	18.470	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	84669	32.607	ug/l #	100
77) Bromobenzene	12.749	156	85293	18.851	ug/l	91
78) n-propylbenzene	12.808	91	446711	19.371	ug/l	99
79) 2-Chlorotoluene	12.896	91	256490	19.134	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	314948	19.710	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20586	18.608	ug/l	90
82) 4-Chlorotoluene	12.990	91	274592	19.431	ug/l	98
83) tert-Butylbenzene	13.208	119	248240	18.381	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	310929	19.496	ug/l	98
85) sec-Butylbenzene	13.385	105	388589	19.208	ug/l	97
86) p-Isopropyltoluene	13.502	119	328093	19.455	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	179639	19.444	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	174841	19.130	ug/l	97
89) n-Butylbenzene	13.826	91	303477	19.076	ug/l	98
90) Hexachloroethane	14.096	117	67076	19.206	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	155230	19.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10120	18.016	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	90556	18.977	ug/l	99
94) Hexachlorobutadiene	15.249	225	50446	19.272	ug/l	99
95) Naphthalene	15.379	128	152881	18.707	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	77392	18.574	ug/l	98

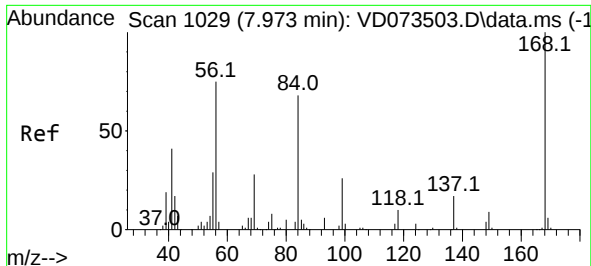
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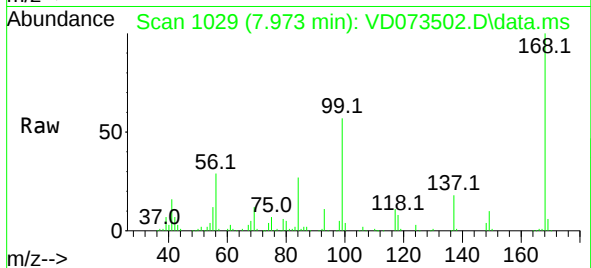
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

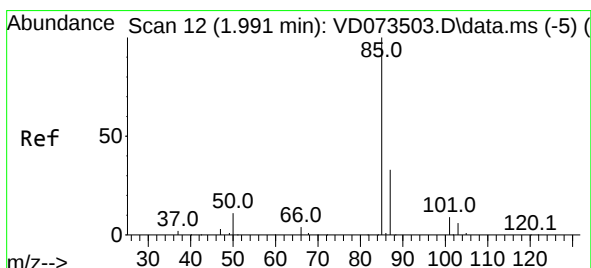
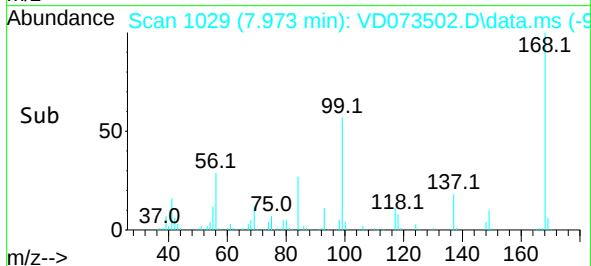
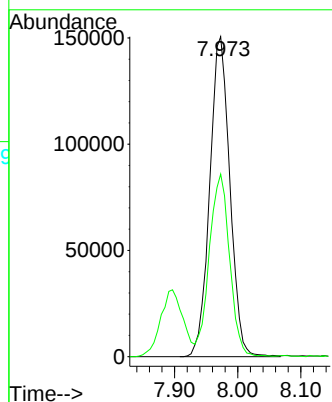


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

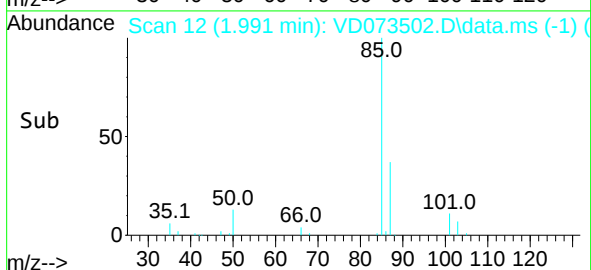
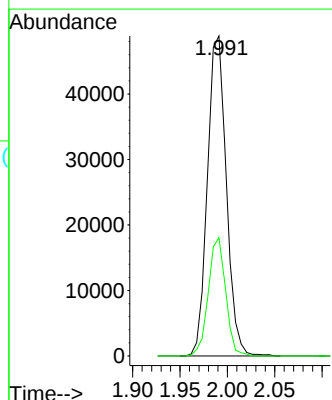
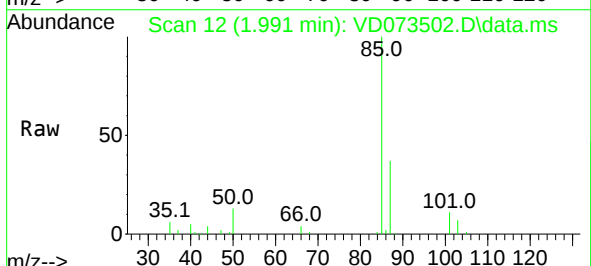


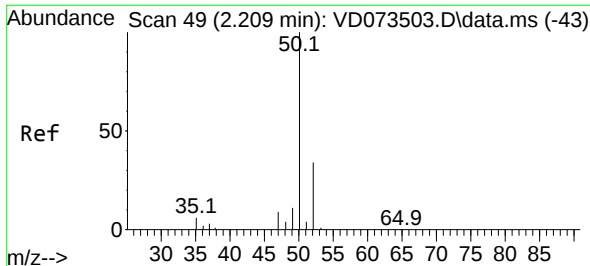
Tgt Ion:168 Resp: 333442
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.301 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 85 Resp: 67736
Ion Ratio Lower Upper
85 100
87 37.0 15.7 47.0

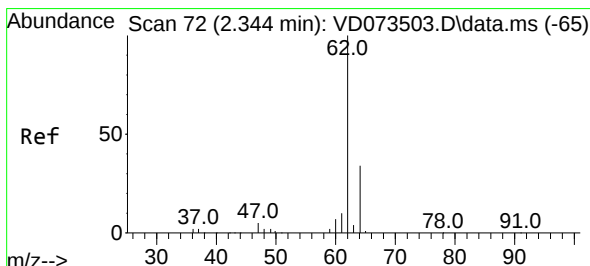
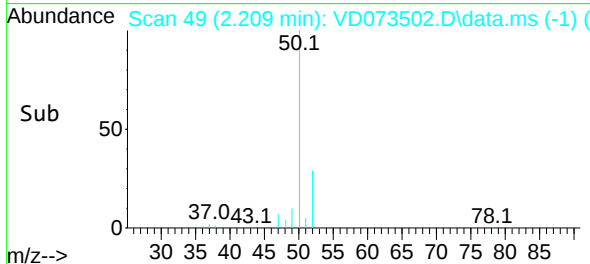
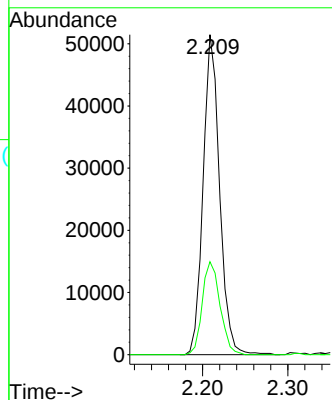
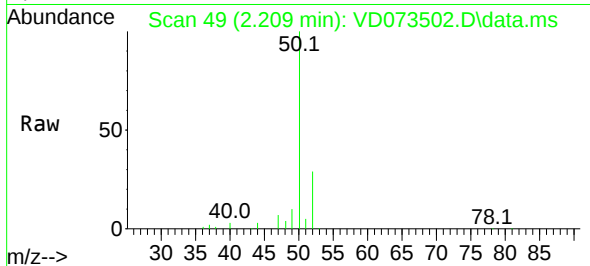




#3
Chloromethane
Concen: 21.145 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

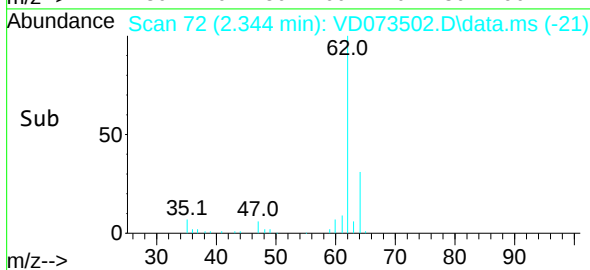
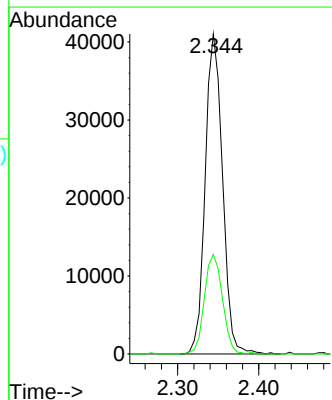
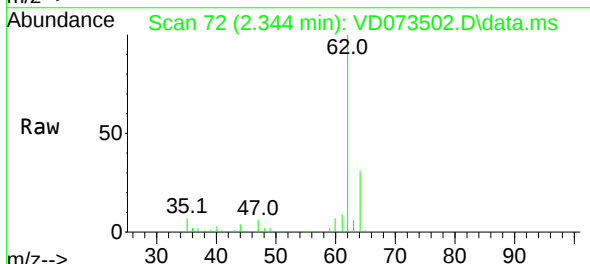
Instrument :
MSVOA_D
ClientSampleId :

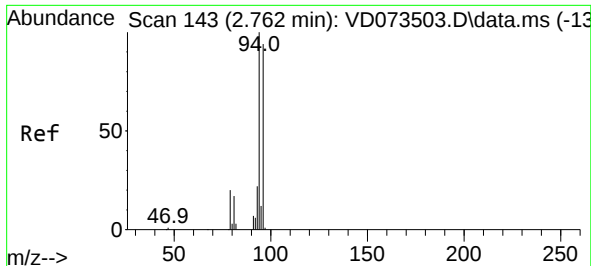
Tgt Ion: 50 Resp: 68956
Ion Ratio Lower Upper
50 100
52 29.0 27.4 41.0



#4
Vinyl Chloride
Concen: 19.861 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073502.D
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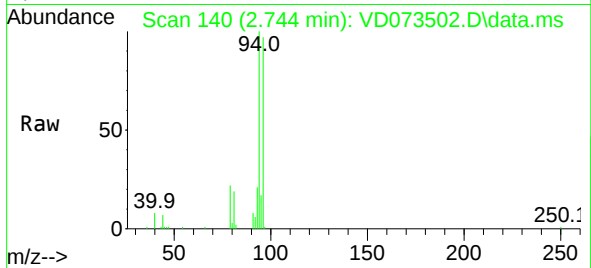
Tgt Ion: 62 Resp: 60728
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0



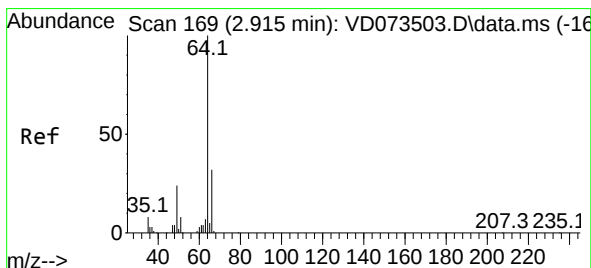
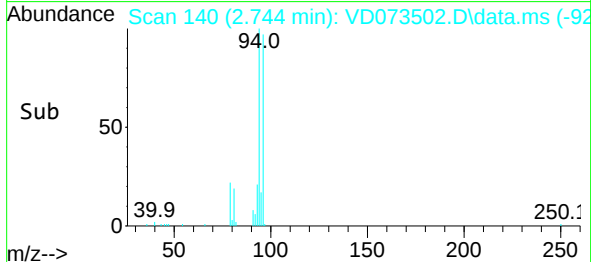
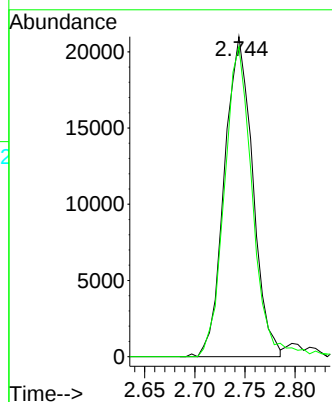


#5
Bromomethane
Concen: 18.814 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.018 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

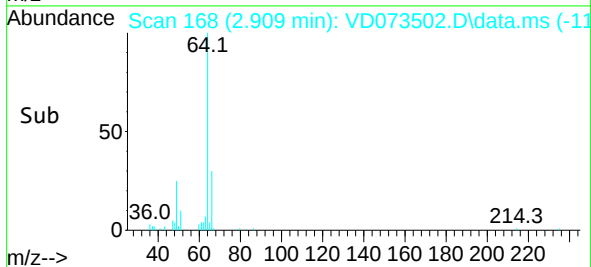
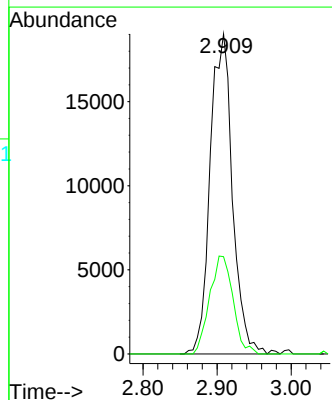
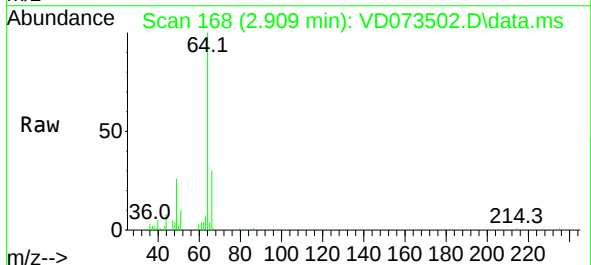


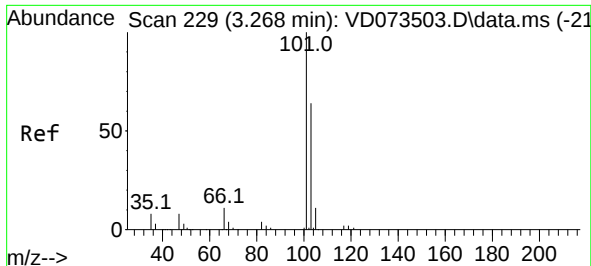
Tgt Ion: 94 Resp: 41239
Ion Ratio Lower Upper
94 100
96 96.8 77.6 116.4



#6
Chloroethane
Concen: 20.425 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 64 Resp: 39797
Ion Ratio Lower Upper
64 100
66 30.4 25.9 38.9

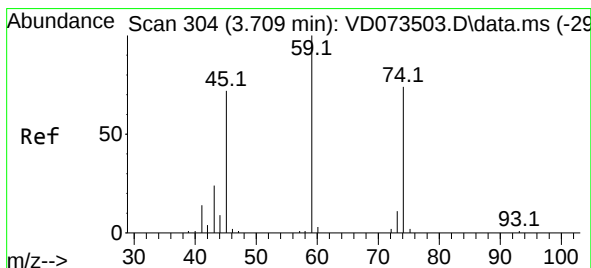
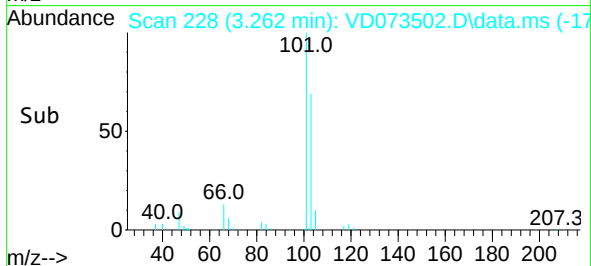
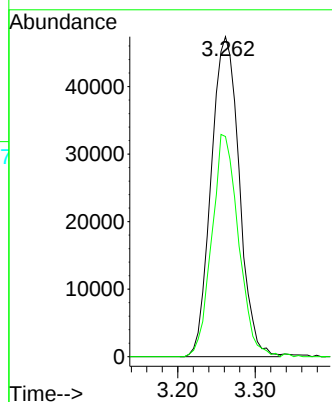
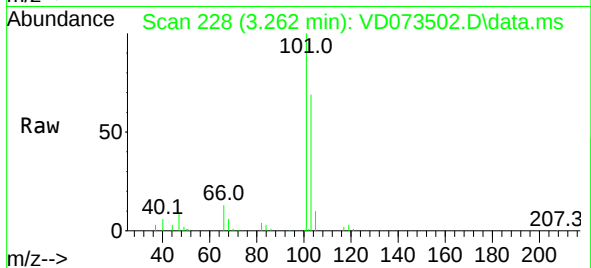




#7
 Trichlorofluoromethane
 Concen: 19.934 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

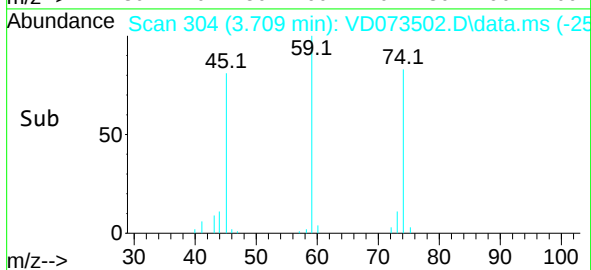
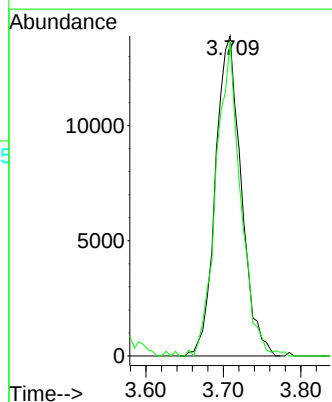
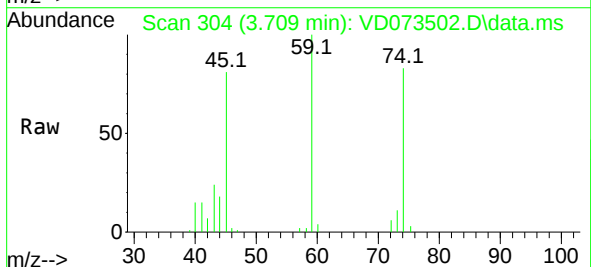
Instrument :
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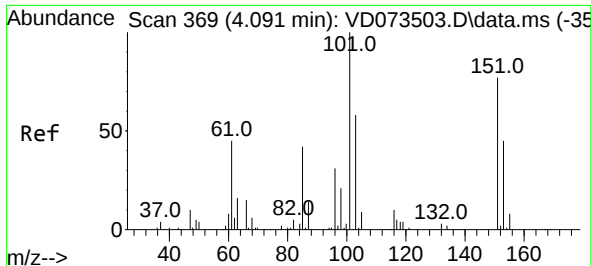
Tgt Ion:101 Resp: 119435
 Ion Ratio Lower Upper
 101 100
 103 68.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 18.762 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion: 74 Resp: 32171
 Ion Ratio Lower Upper
 74 100
 45 93.9 52.6 157.8

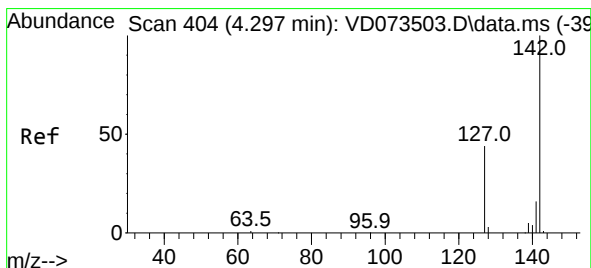
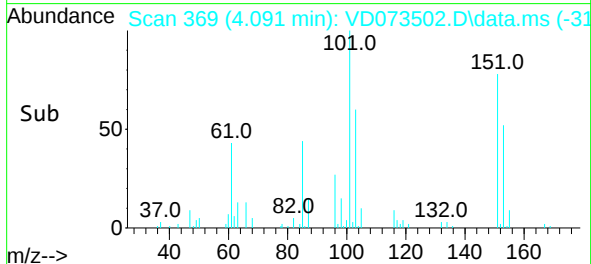
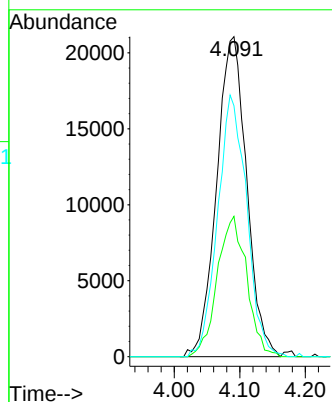
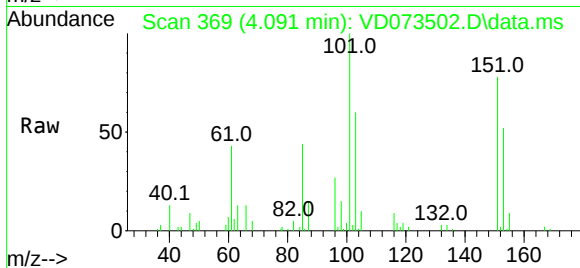




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.556 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD073502.D
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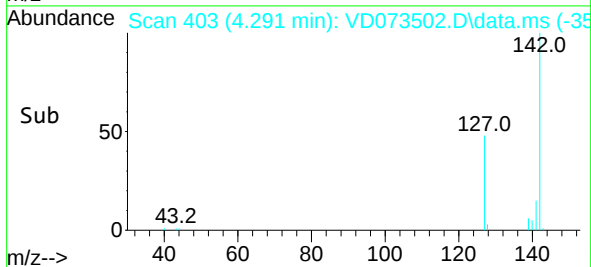
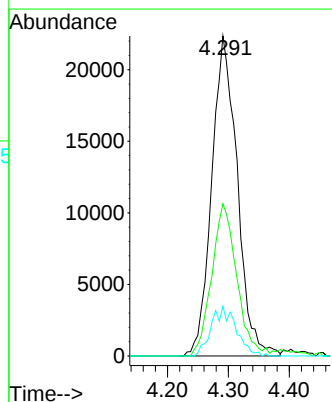
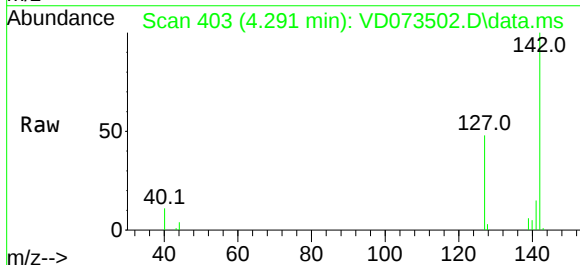
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 67013
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 79.2 57.3 85.9



#10
Methyl Iodide
Concen: 18.672 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:142 Resp: 65103
Ion Ratio Lower Upper
142 100
127 46.9 37.3 55.9
141 6.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 107.676 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

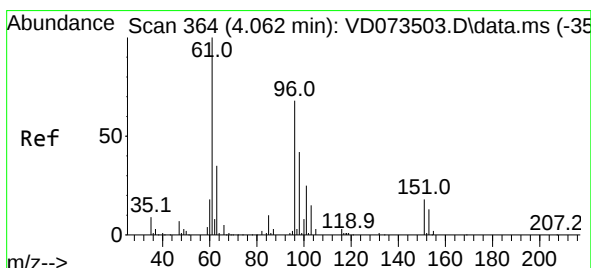
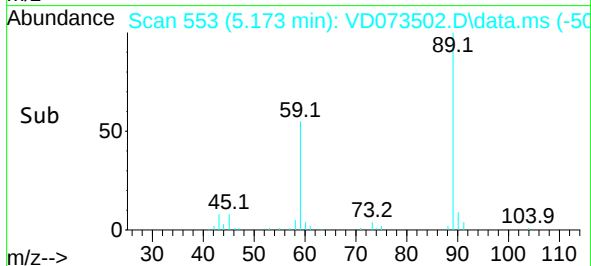
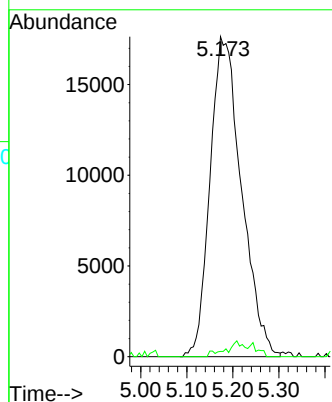
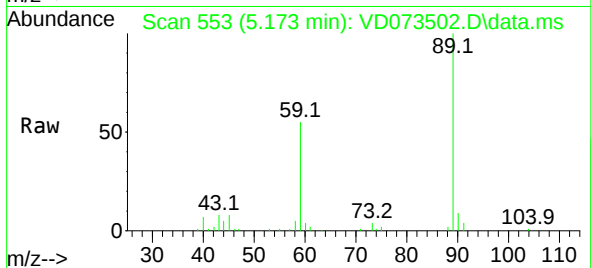
ClientSampleId :

Tgt Ion: 59 Resp: 83631

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 19.786 ug/l

RT: 4.056 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

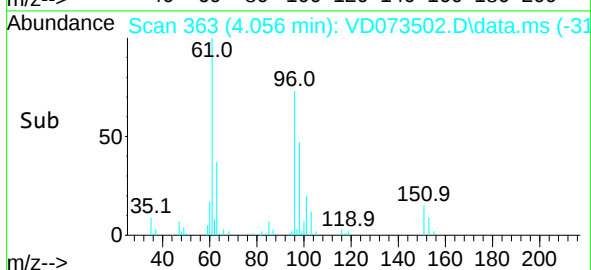
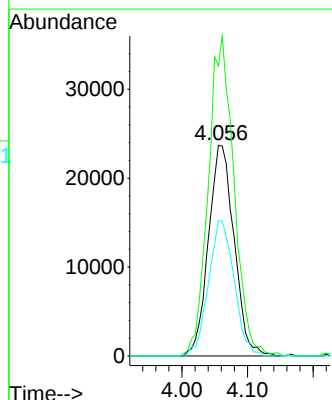
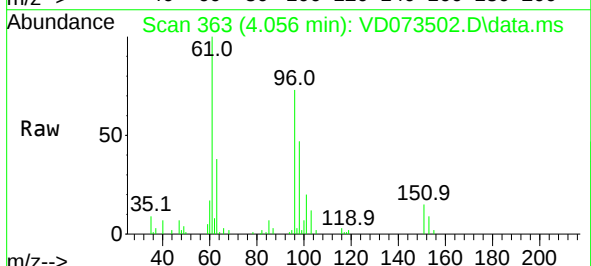
Tgt Ion: 96 Resp: 64374

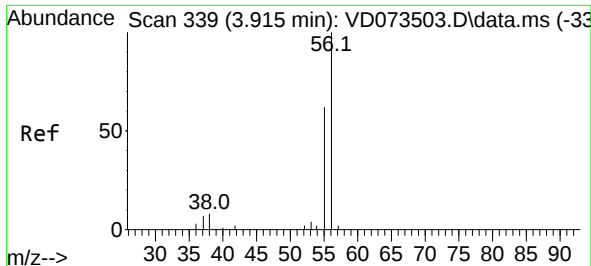
Ion Ratio Lower Upper

96 100

61 137.7 138.5 207.7#

98 64.3 48.6 73.0

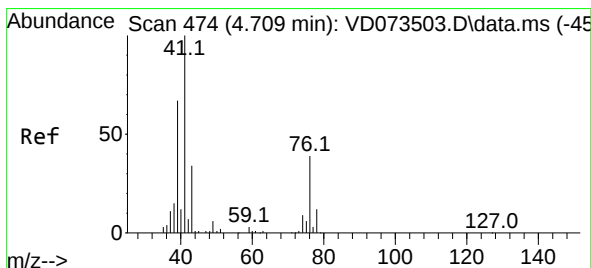
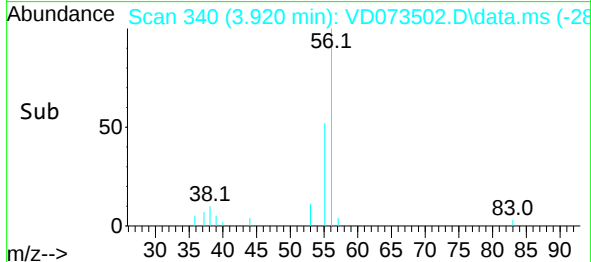
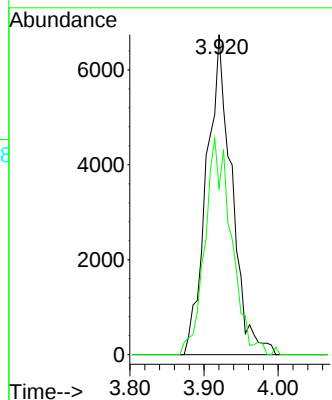
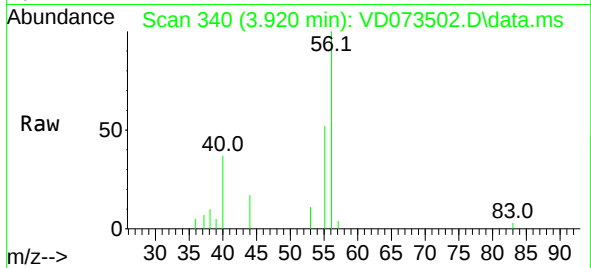




#13
Acrolein
Concen: 100.939 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.005 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

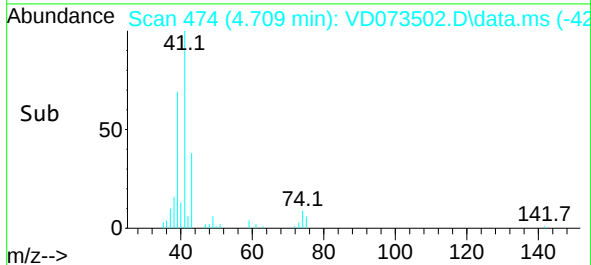
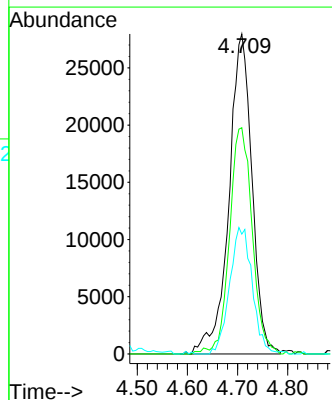
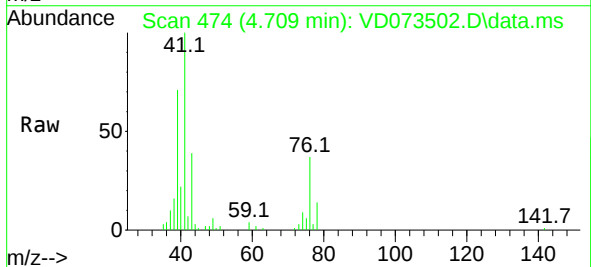
Instrument :
MSVOA_D
ClientSampleId :

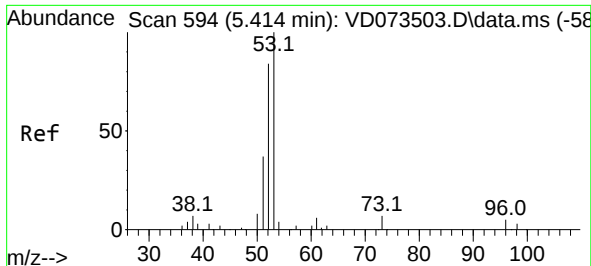
Tgt Ion: 56 Resp: 15908
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7



#14
Allyl chloride
Concen: 18.433 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

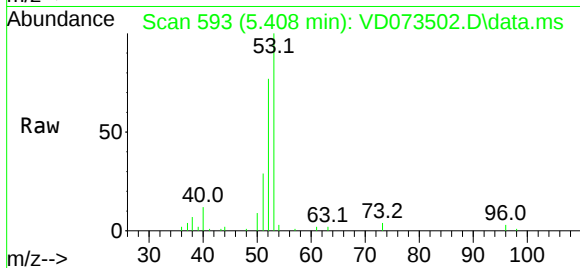
Tgt Ion: 41 Resp: 89280
Ion Ratio Lower Upper
41 100
39 69.6 59.3 88.9
76 38.7 25.7 38.5#



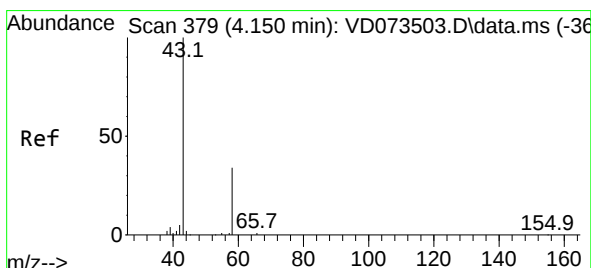
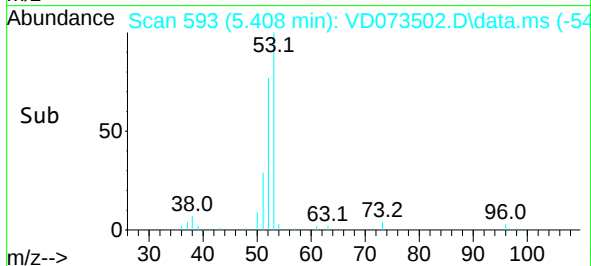
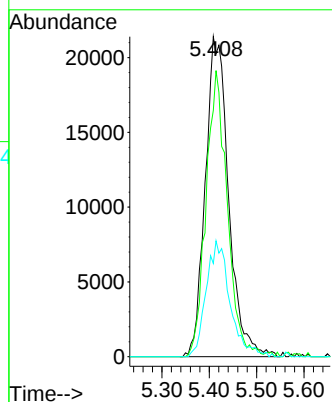


#15
Acrylonitrile
Concen: 95.132 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

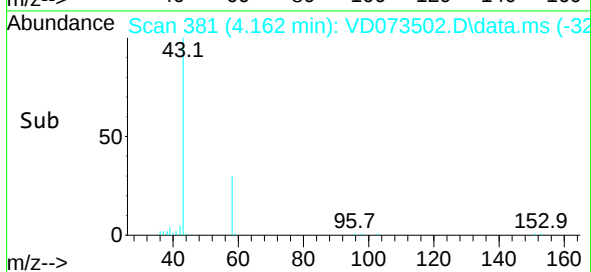
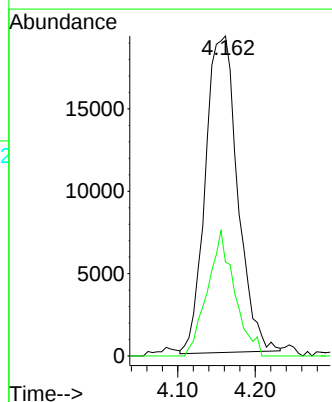
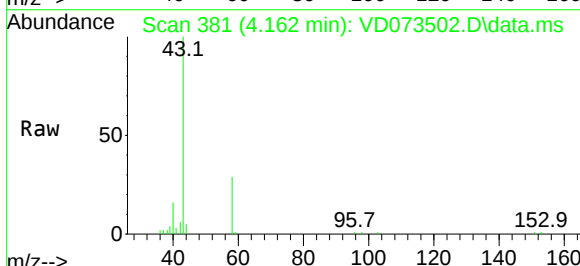


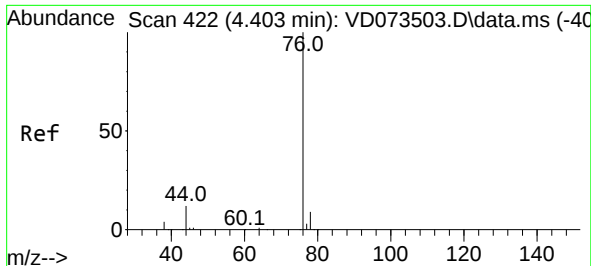
Tgt Ion: 53 Resp: 73250
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 36.9 30.3 45.5



#16
Acetone
Concen: 88.490 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 43 Resp: 55753
Ion Ratio Lower Upper
43 100
58 29.8 22.1 33.1

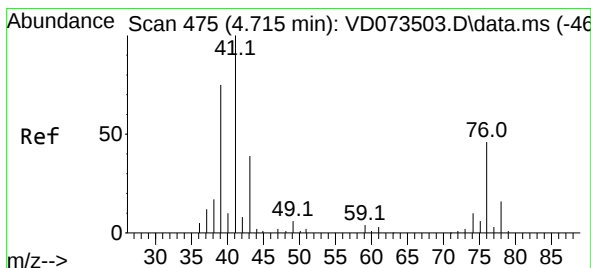
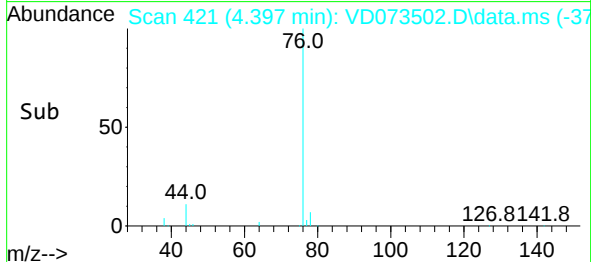
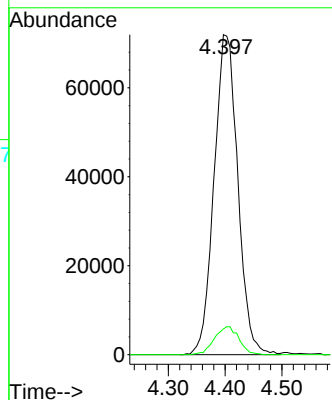
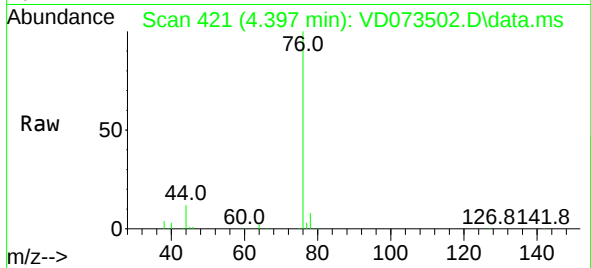




#17
Carbon Disulfide
Concen: 20.261 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

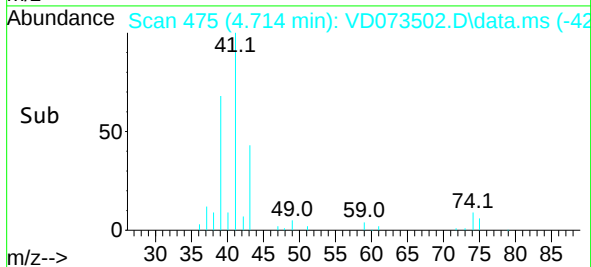
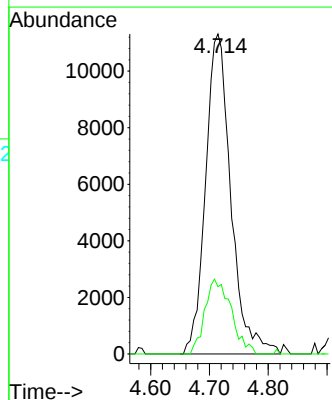
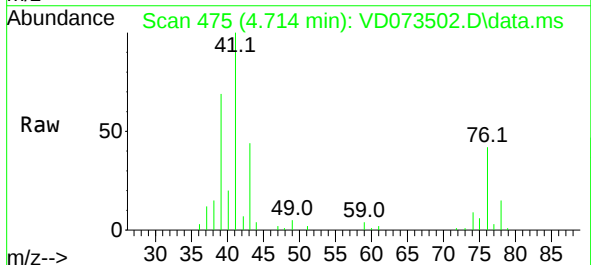
Instrument :
MSVOA_D
ClientSampleId :

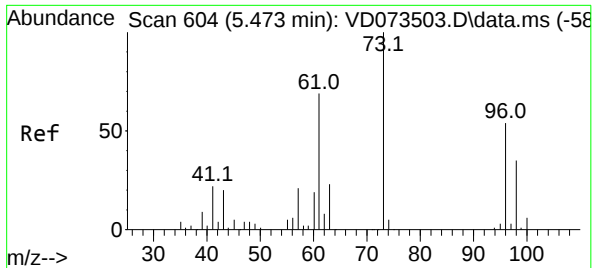
Tgt Ion: 76 Resp: 208950
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#18
Methyl Acetate
Concen: 19.912 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

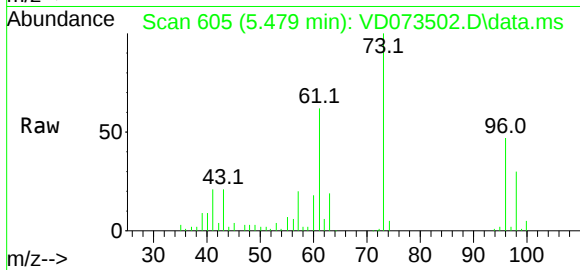
Tgt Ion: 43 Resp: 33861
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1



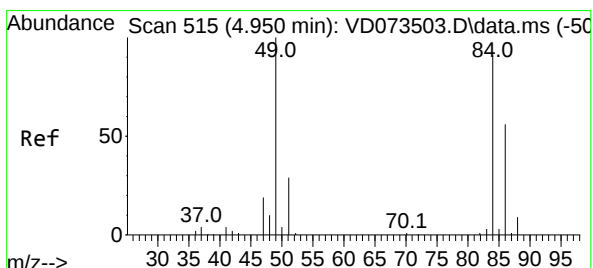
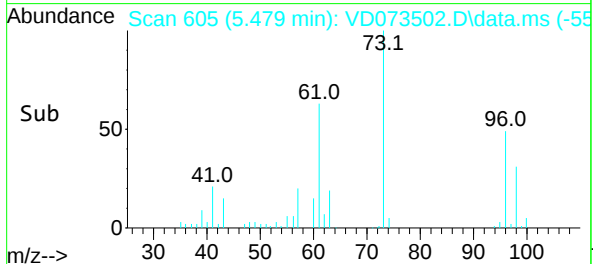
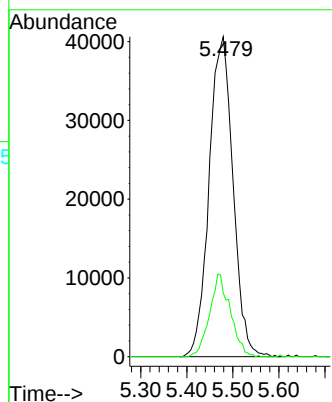


#19
Methyl tert-butyl Ether
Concen: 18.811 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

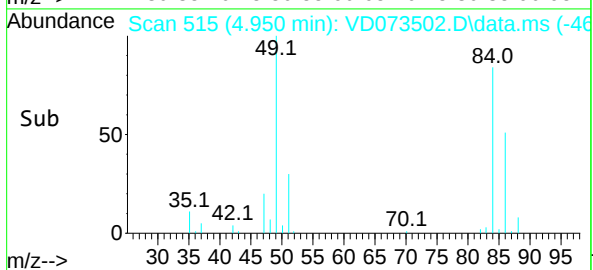
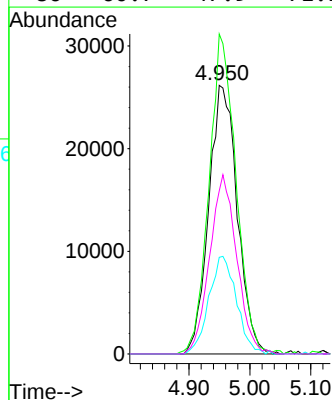
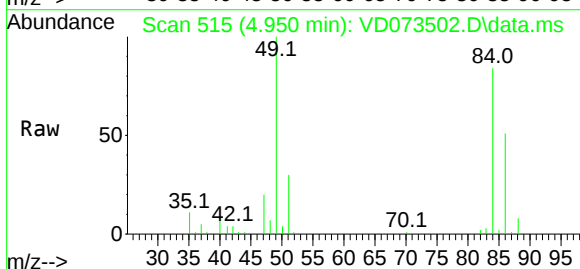


Tgt Ion: 73 Resp: 146068
Ion Ratio Lower Upper
73 100
57 19.9 18.0 27.0



#20
Methylene Chloride
Concen: 19.576 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

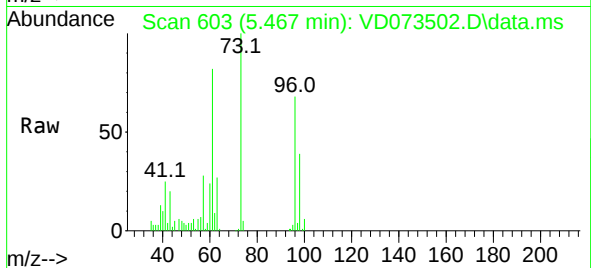
Tgt Ion: 84 Resp: 85131
Ion Ratio Lower Upper
84 100
49 118.4 112.8 169.2
51 36.0 32.6 48.8
86 60.7 47.9 71.9



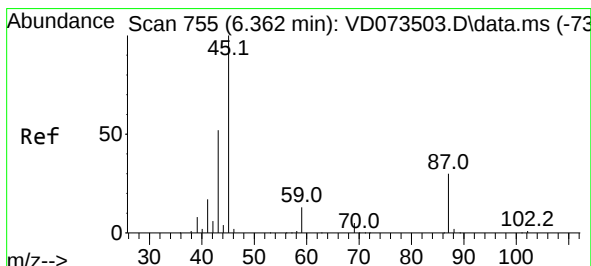
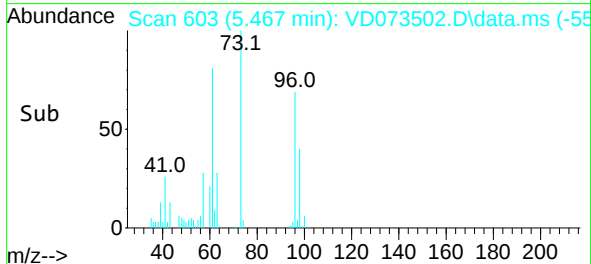
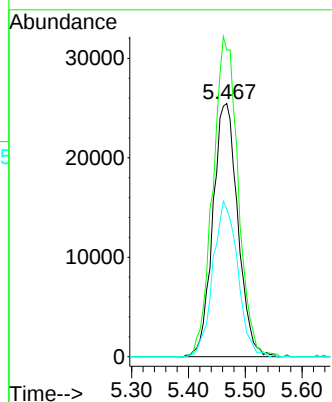


#21
trans-1,2-Dichloroethene
Concen: 19.731 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

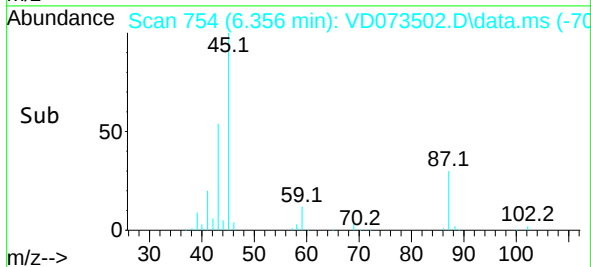
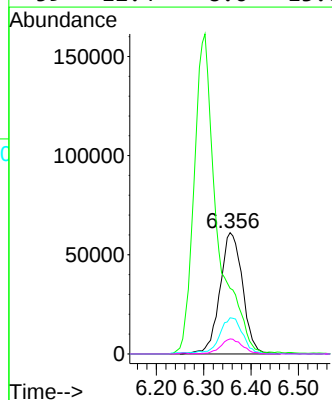
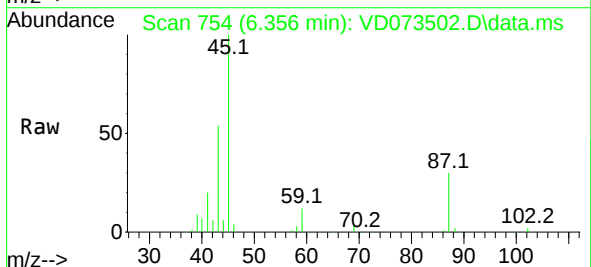


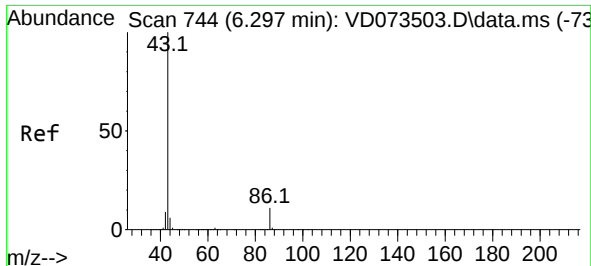
Tgt Ion: 96 Resp: 77658
Ion Ratio Lower Upper
96 100
61 121.1 117.9 176.9
98 58.3 49.4 74.2



#22
Diisopropyl ether
Concen: 19.435 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 45 Resp: 203134
Ion Ratio Lower Upper
45 100
43 52.7 46.6 70.0
87 29.4 18.4 27.6#
59 12.4 8.6 13.0

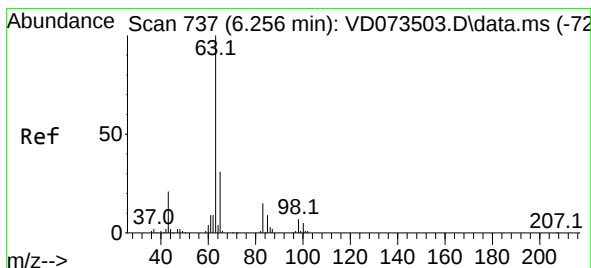
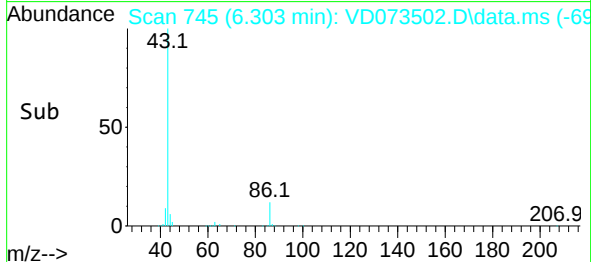
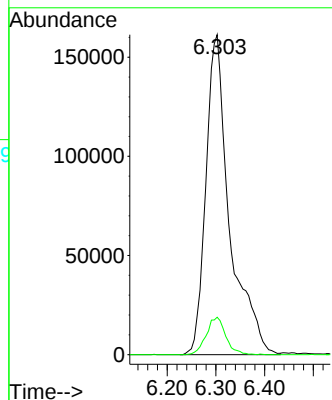
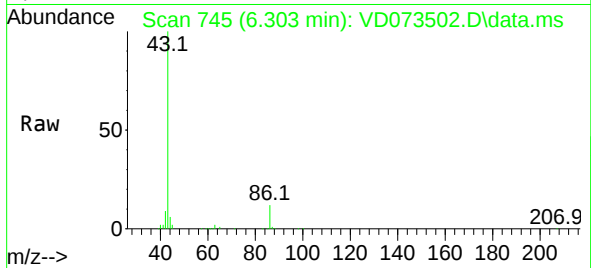




#23
 Vinyl Acetate
 Concen: 96.270 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

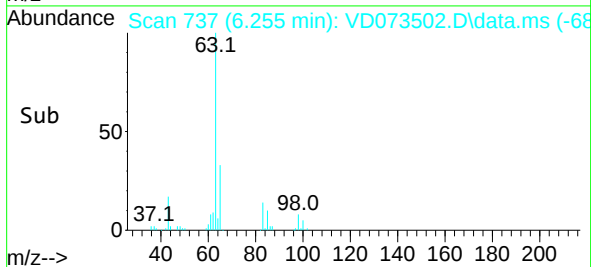
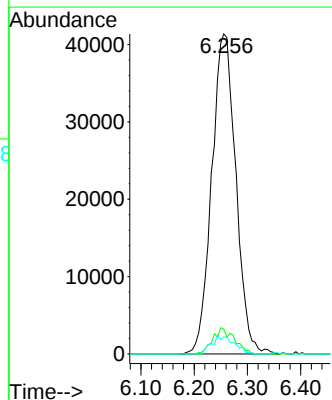
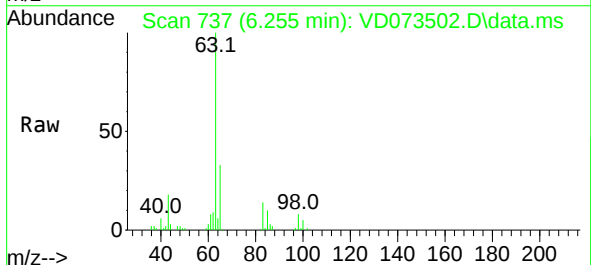
Instrument :
 MSVOA_D
 ClientSampleId :

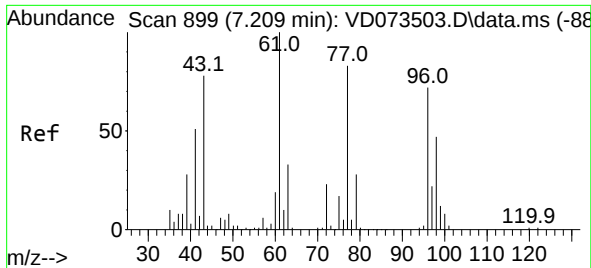
Tgt Ion: 43 Resp: 545871
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.413 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.001 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion: 63 Resp: 130066
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 5.3 2.1 6.5

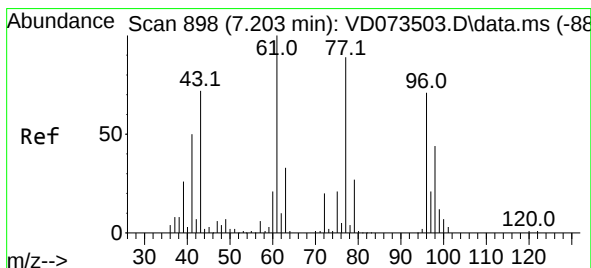
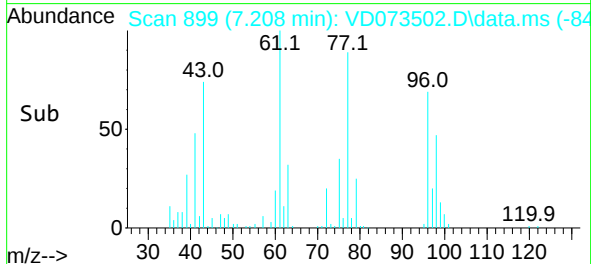
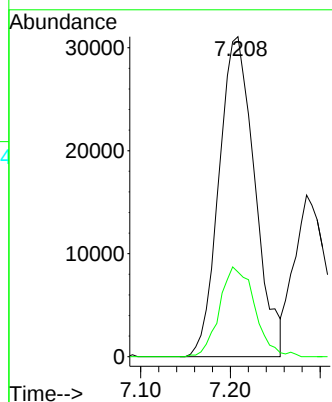
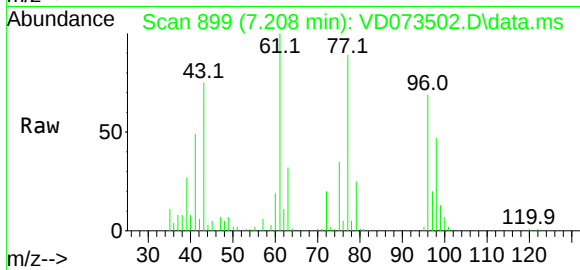




#25
2-Butanone
Concen: 92.834 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

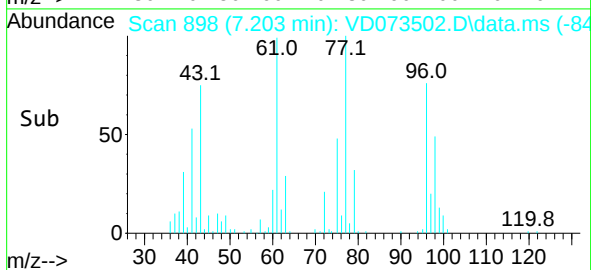
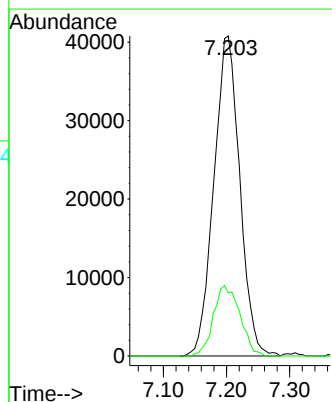
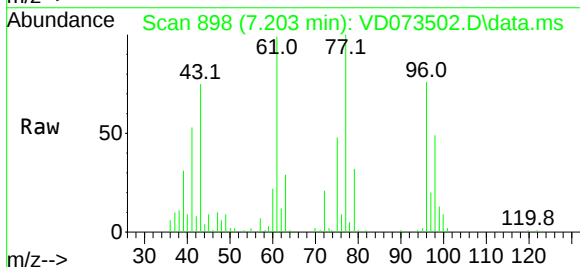
Instrument :
MSVOA_D
ClientSampleId :

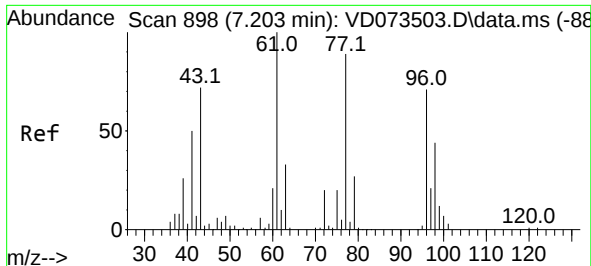
Tgt Ion: 43 Resp: 86062
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.349 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 77 Resp: 116223
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4

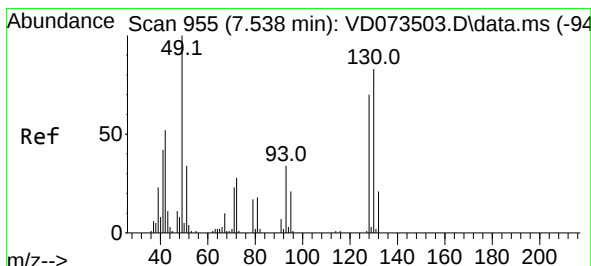
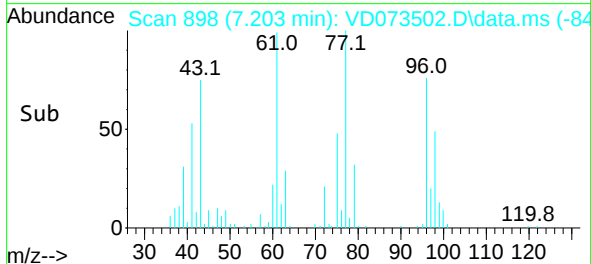
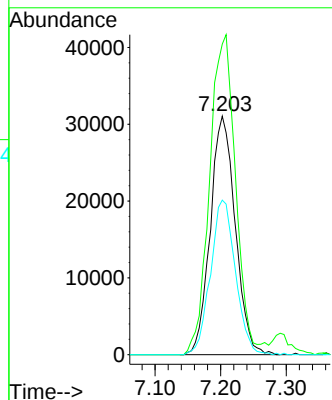
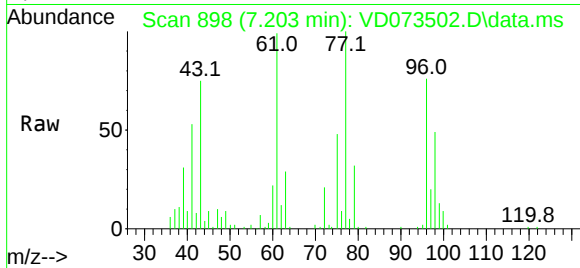




#27
 cis-1,2-Dichloroethene
 Concen: 19.298 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

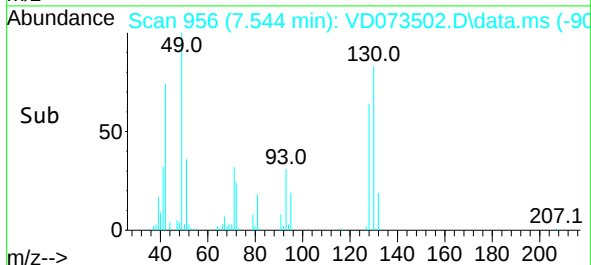
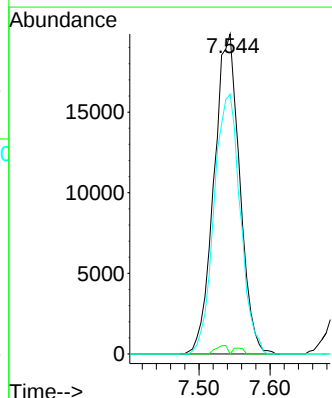
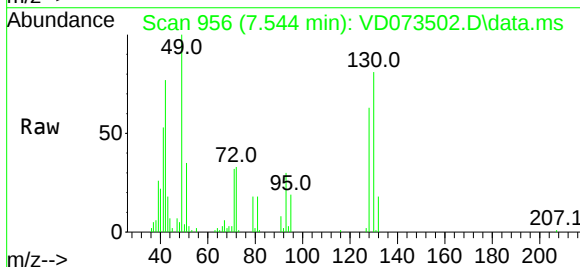
Instrument :
 MSVOA_D
 ClientSampleId :

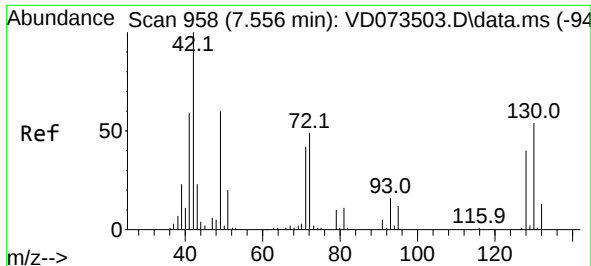
Tgt Ion: 96 Resp: 82106
 Ion Ratio Lower Upper
 96 100
 61 139.2 0.0 313.8
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.909 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion: 49 Resp: 49724
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 83.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 93.866 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.005 min

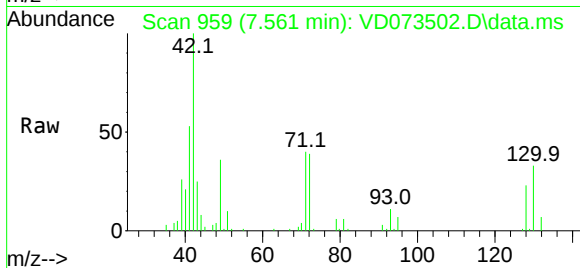
Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

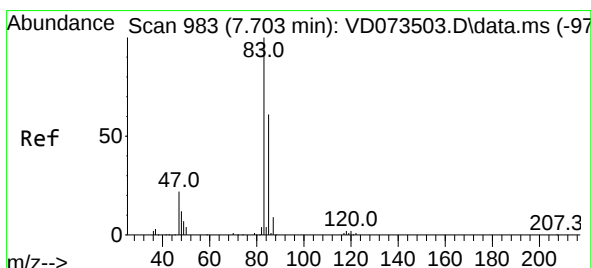
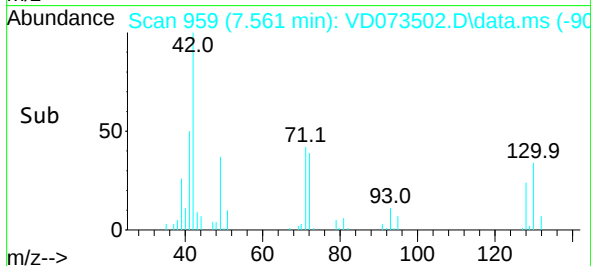
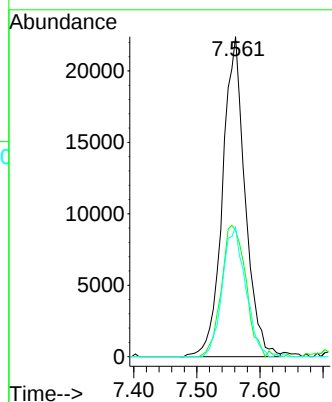
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	55511
Ion	Ratio	Lower	Upper
42	100		
72	44.1	30.7	46.1
71	41.5	28.6	43.0



#30

Chloroform

Concen: 19.273 ug/l

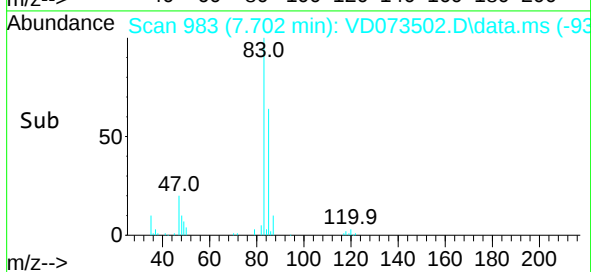
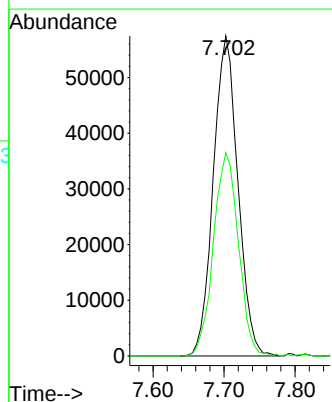
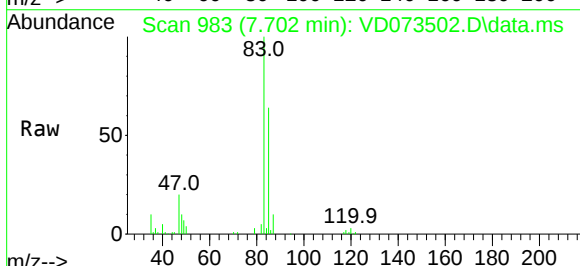
RT: 7.702 min Scan# 983

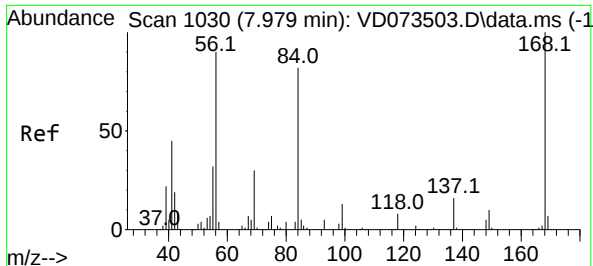
Delta R.T. -0.001 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Tgt Ion:	83	Resp:	137960
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.7	79.1





#31

Cyclohexane

Concen: 19.155 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

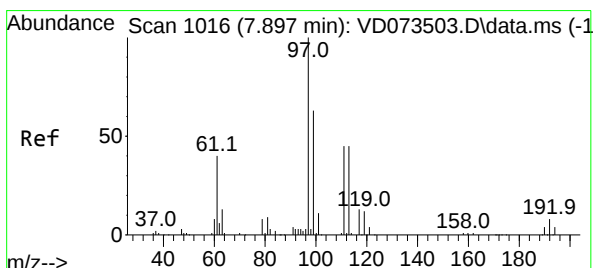
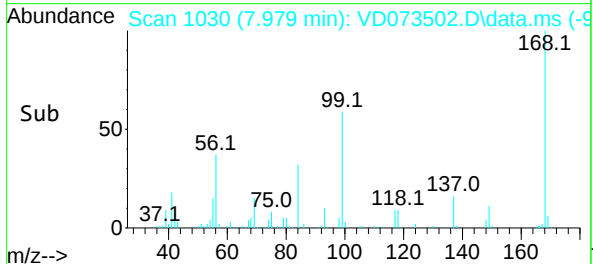
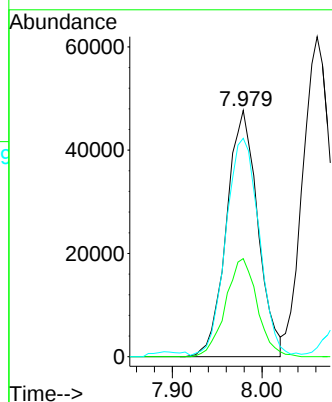
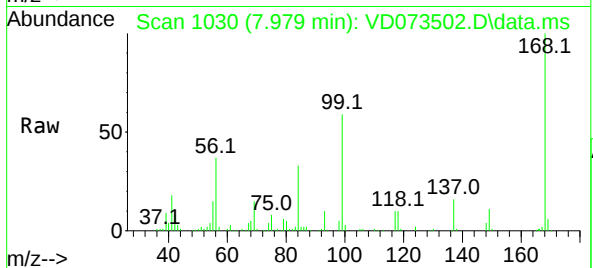
Tgt Ion: 56 Resp: 115465

Ion Ratio Lower Upper

56 100

69 39.8 25.4 38.2#

84 87.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 19.562 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

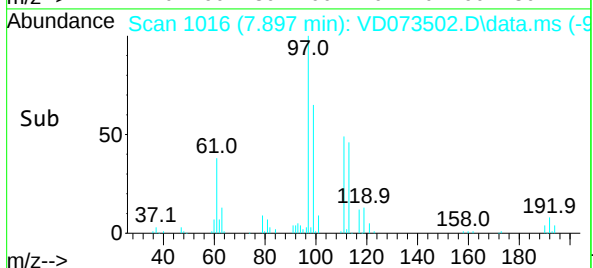
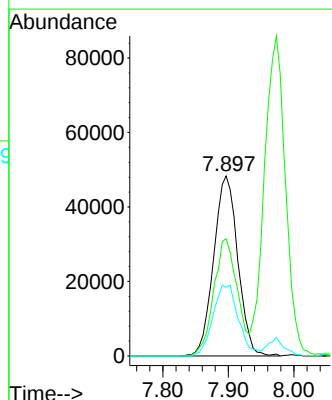
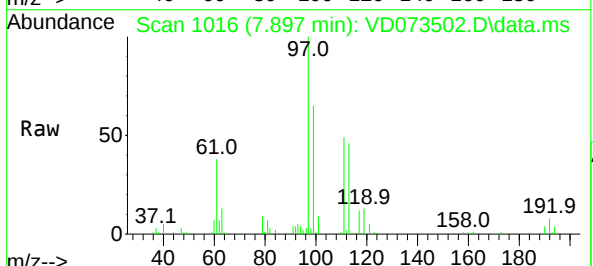
Tgt Ion: 97 Resp: 123379

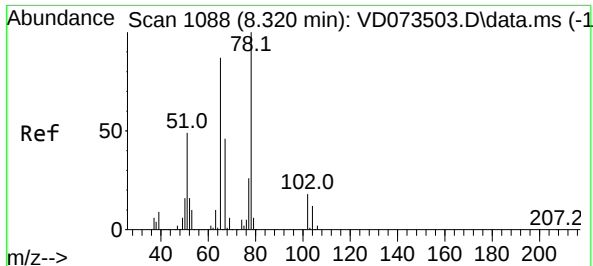
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 41.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 20.025 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

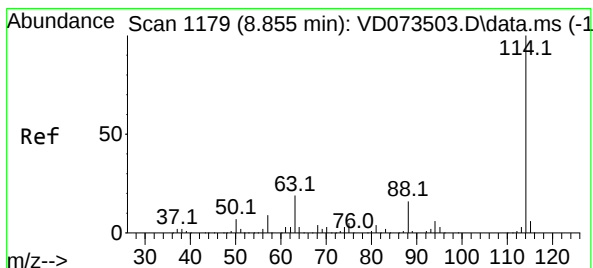
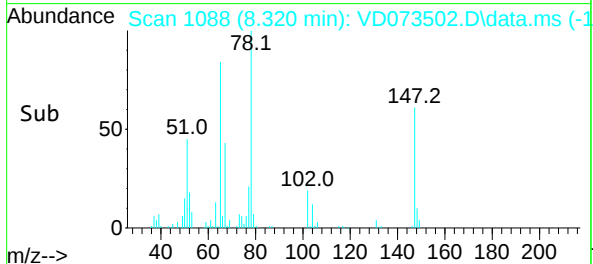
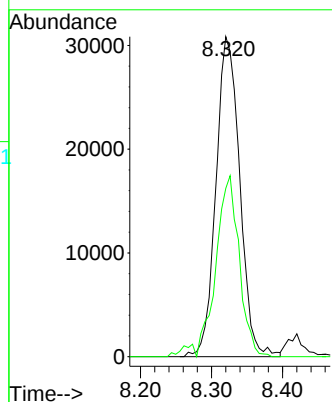
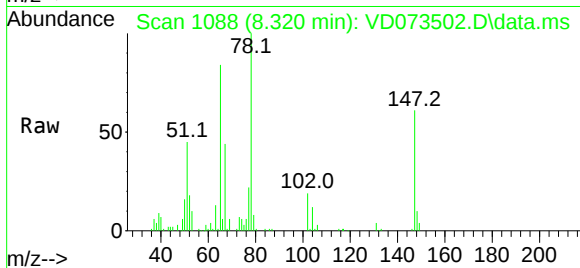
ClientSampleId :

Tgt Ion: 65 Resp: 71655

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

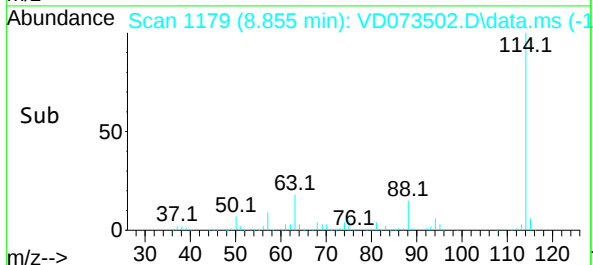
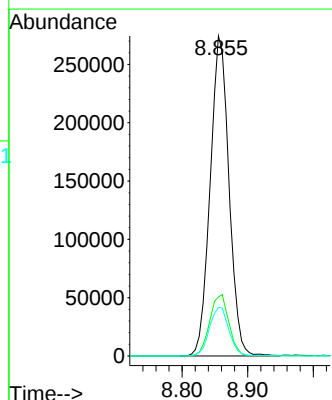
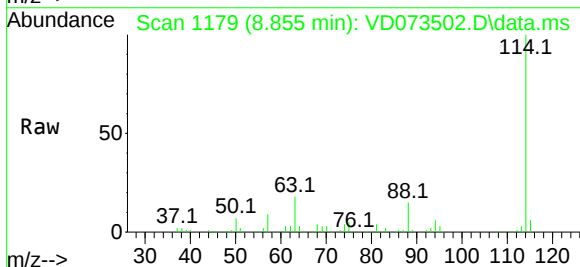
Tgt Ion: 114 Resp: 547562

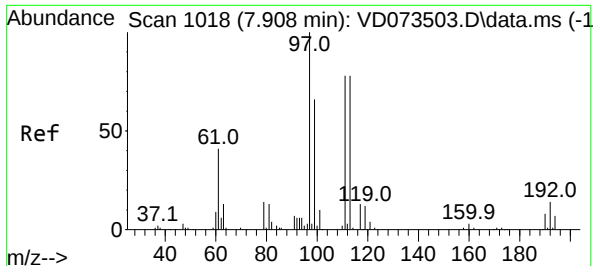
Ion Ratio Lower Upper

114 100

63 18.4 0.0 46.6

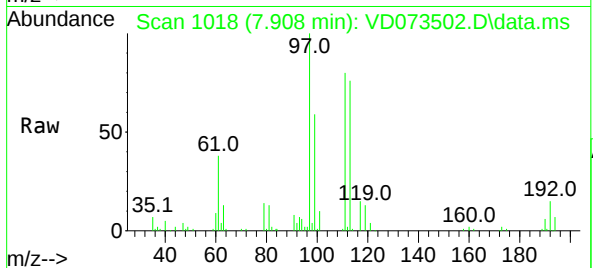
88 15.1 0.0 33.2



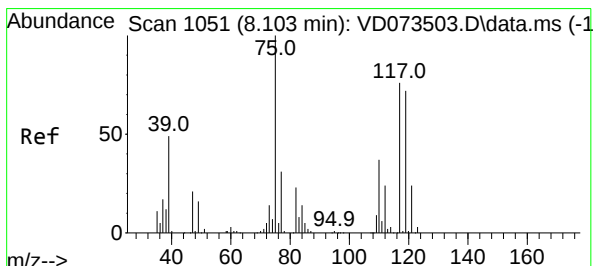
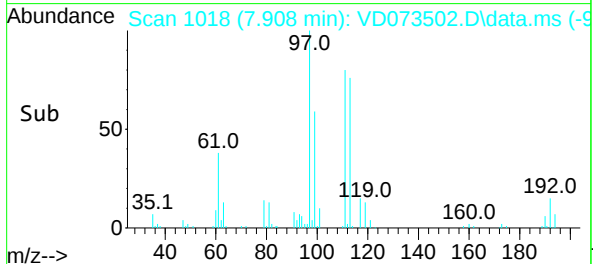
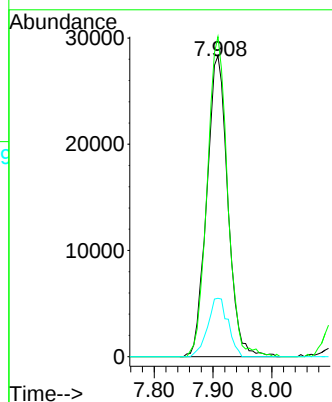


#35
Dibromofluoromethane
Concen: 20.017 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

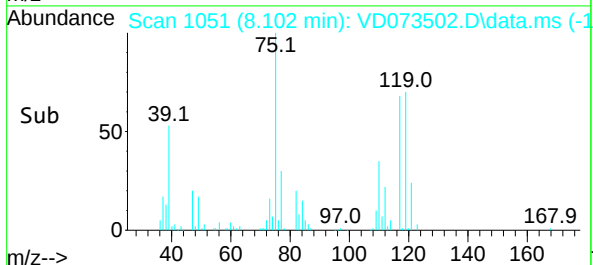
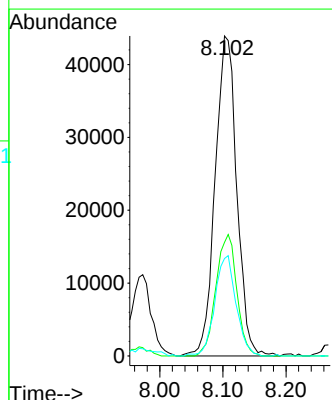
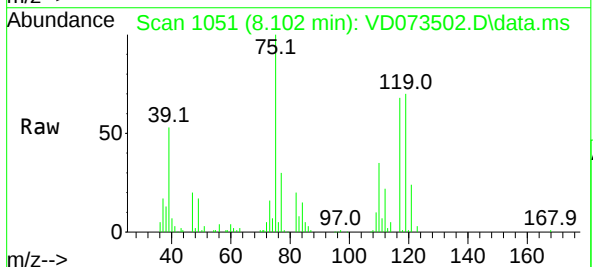


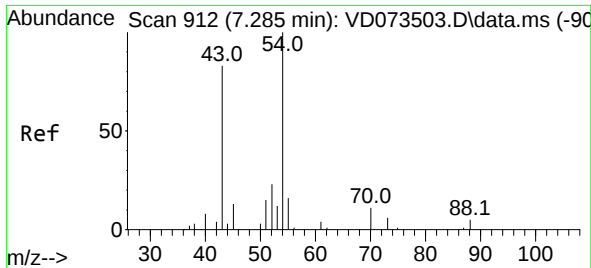
Tgt Ion:113 Resp: 70480
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 18.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 19.803 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 75 Resp: 104723
Ion Ratio Lower Upper
75 100
110 36.6 16.4 49.1
77 30.8 24.2 36.2





#37

Ethyl Acetate

Concen: 17.169 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073502.D

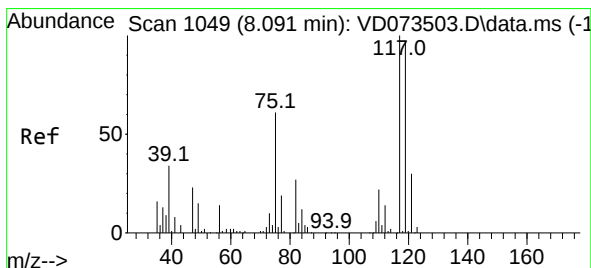
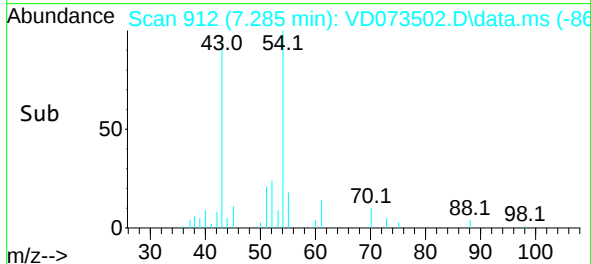
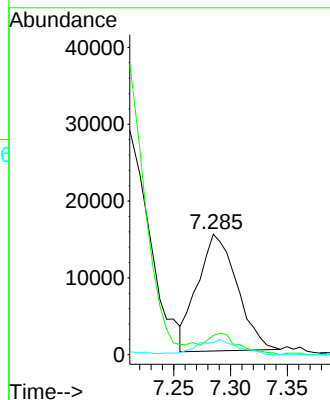
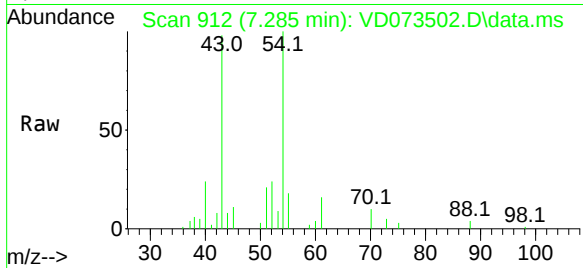
Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 36675
Ion Ratio	Lower Upper
43	100
61	14.2 9.8 14.8
70	13.3 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.714 ug/l

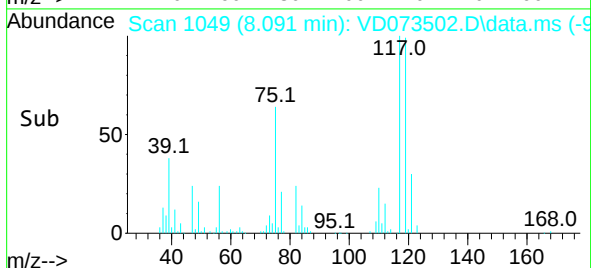
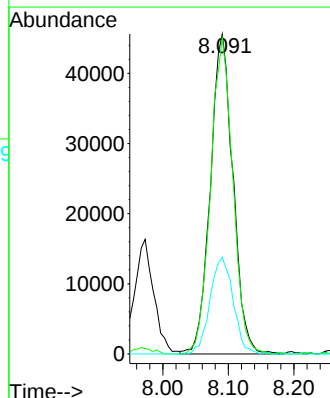
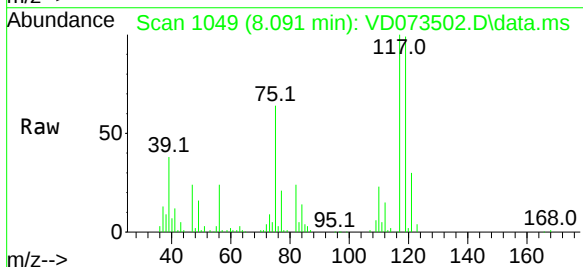
RT: 8.091 min Scan# 1049

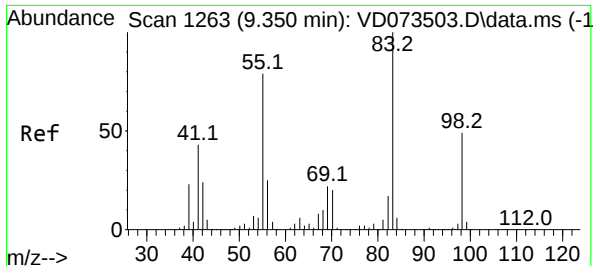
Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Tgt Ion: 117	Resp: 109061
Ion Ratio	Lower Upper
117	100
119	98.7 75.8 113.6
121	30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 19.466 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

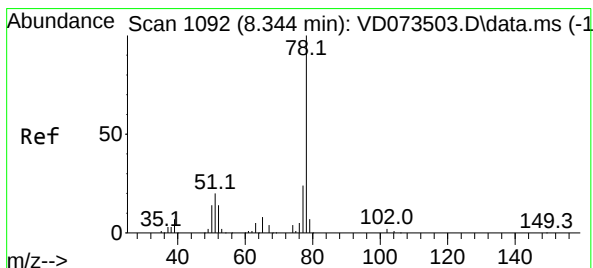
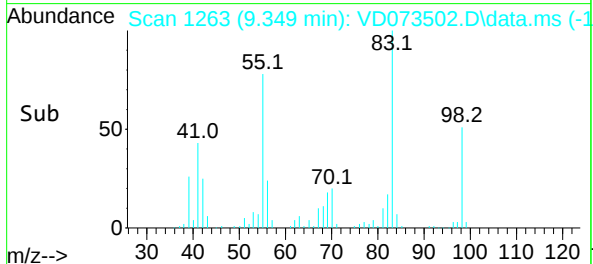
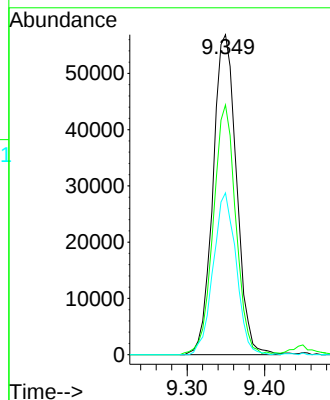
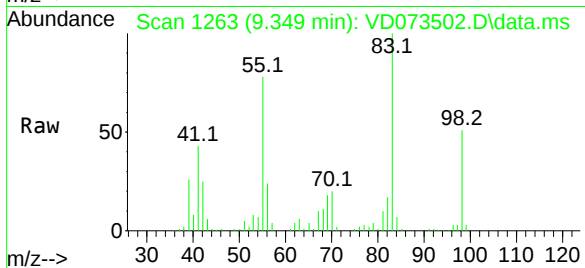
Tgt Ion: 83 Resp: 119960

Ion Ratio Lower Upper

83 100

55 78.0 63.2 94.8

98 50.5 38.2 57.4



#40

Benzene

Concen: 19.534 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073502.D

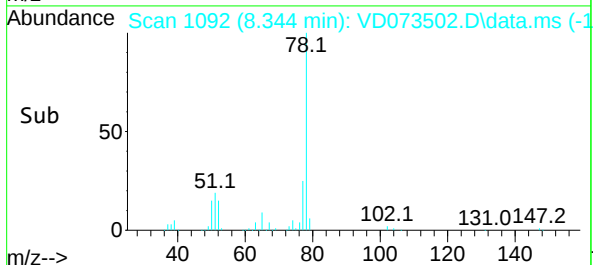
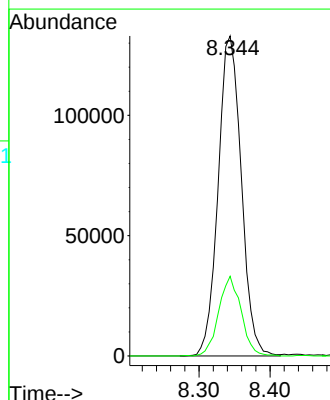
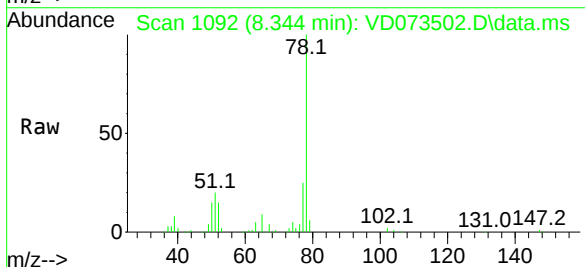
Acq: 09 Jun 2022 10:55

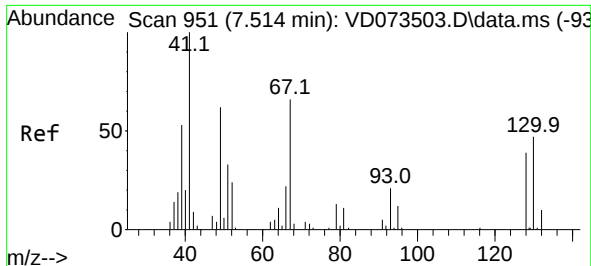
Tgt Ion: 78 Resp: 300487

Ion Ratio Lower Upper

78 100

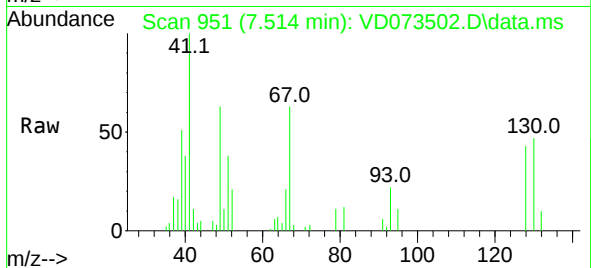
77 24.9 19.1 28.7



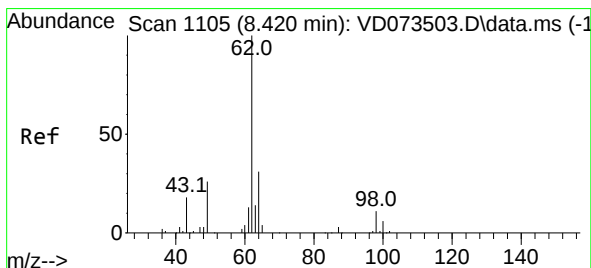
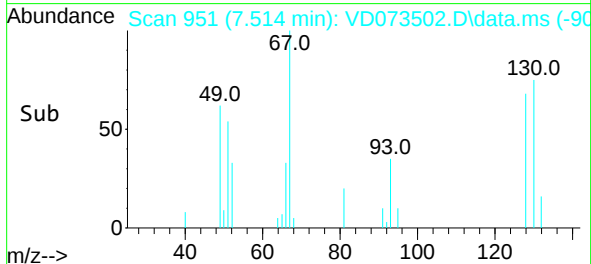
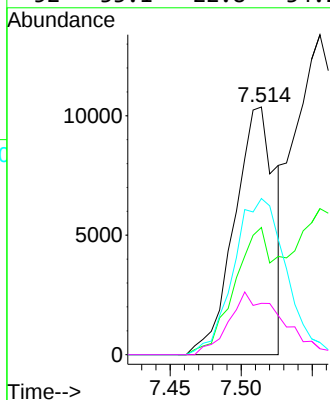


#41
Methacrylonitrile
Concen: 17.828 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

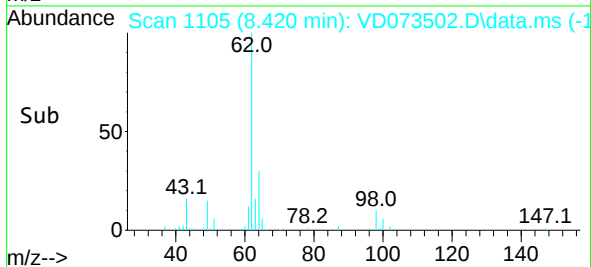
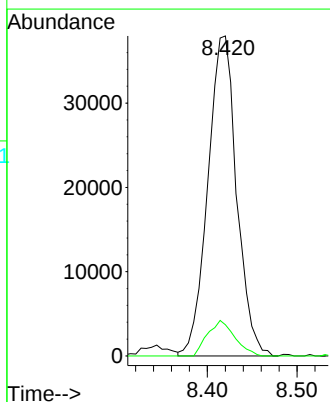
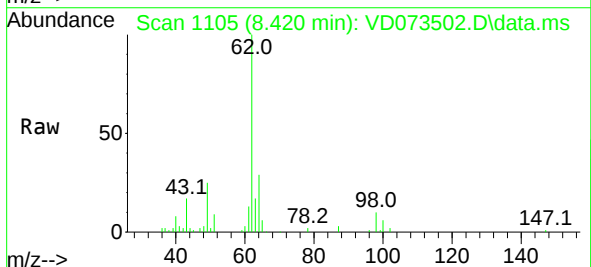


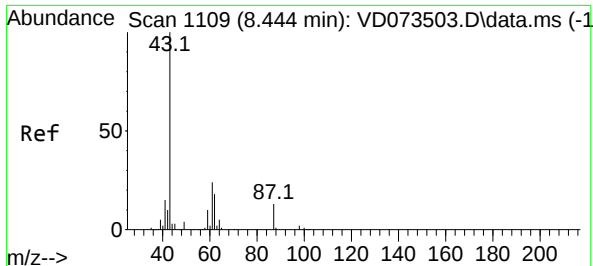
Tgt Ion: 41 Resp: 20647
Ion Ratio Lower Upper
41 100
39 58.4 44.6 67.0
67 81.2 48.2 72.4#
52 33.1 22.8 34.2



#42
1,2-Dichloroethane
Concen: 19.928 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 62 Resp: 84756
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6

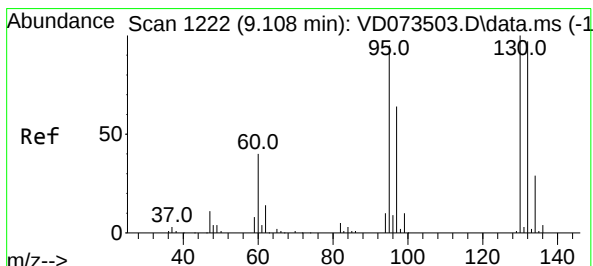
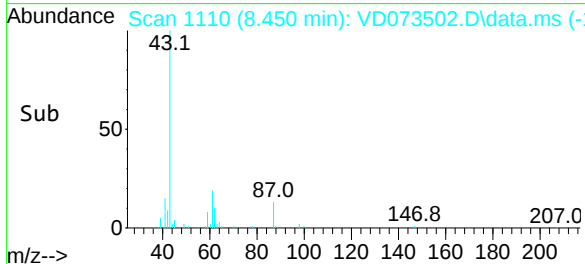
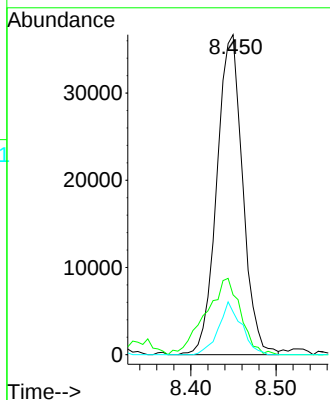
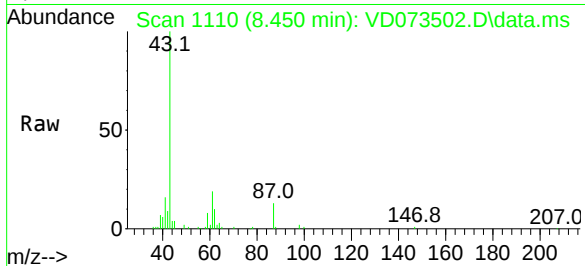




#43
Isopropyl Acetate
Concen: 18.806 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.005 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

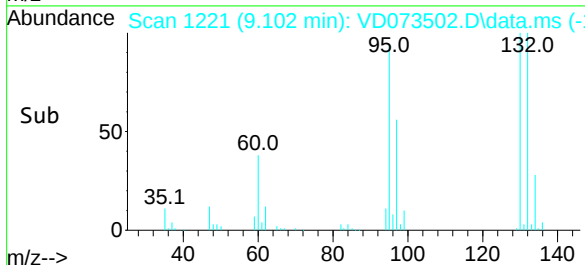
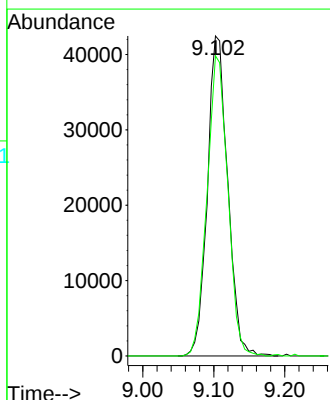
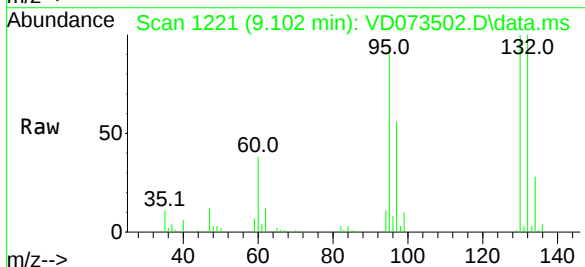
Instrument :
MSVOA_D
ClientSampleId :

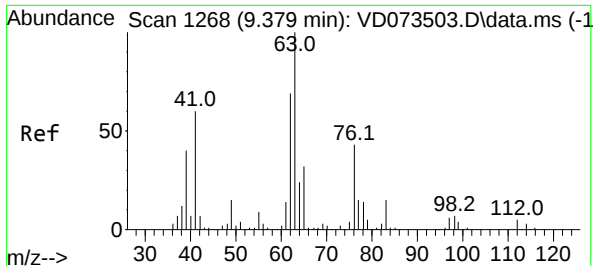
Tgt Ion: 43 Resp: 77293
Ion Ratio Lower Upper
43 100
61 32.3 22.4 33.6
87 14.6 8.7 13.1#



#44
Trichloroethene
Concen: 19.706 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:130 Resp: 84428
Ion Ratio Lower Upper
130 100
95 93.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 19.456 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

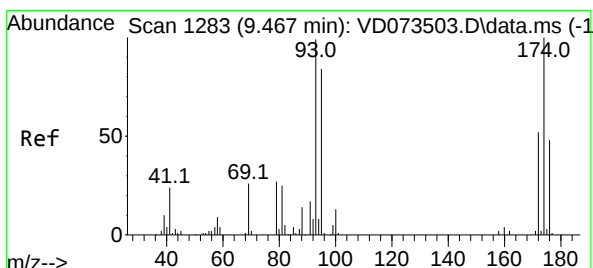
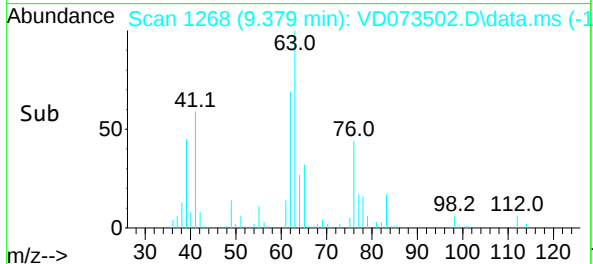
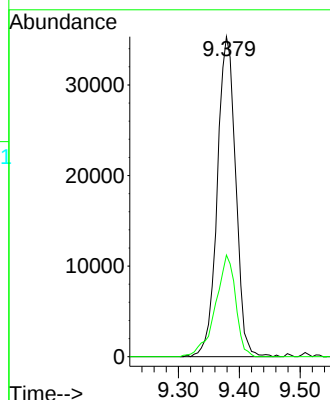
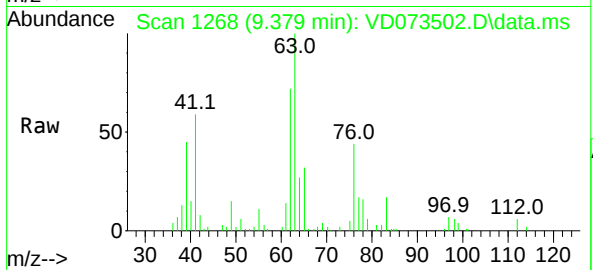
ClientSampleId :

Tgt Ion: 63 Resp: 74143

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 19.425 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

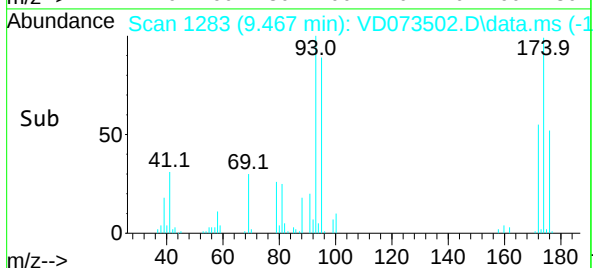
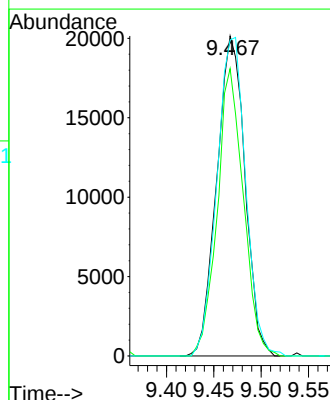
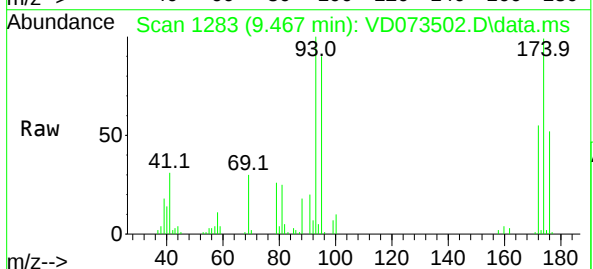
Tgt Ion: 93 Resp: 41699

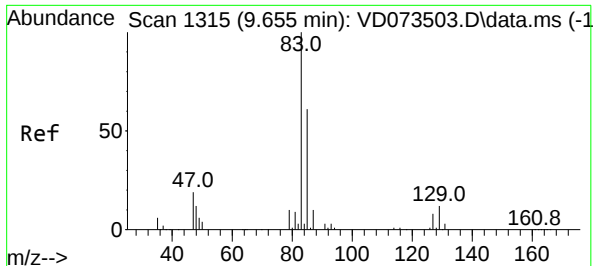
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 101.5 71.6 107.4

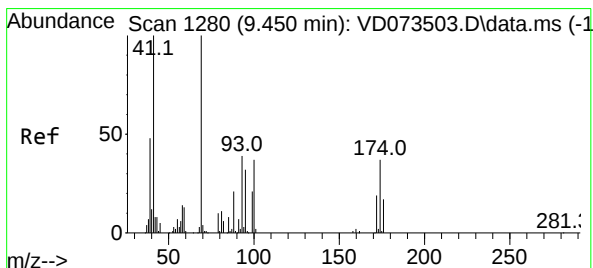
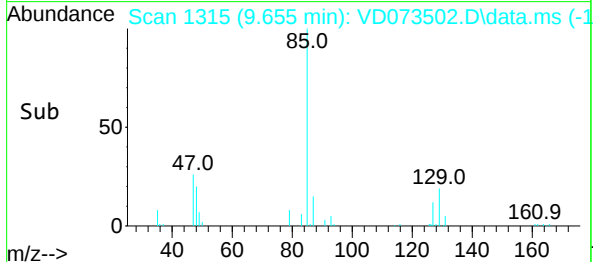
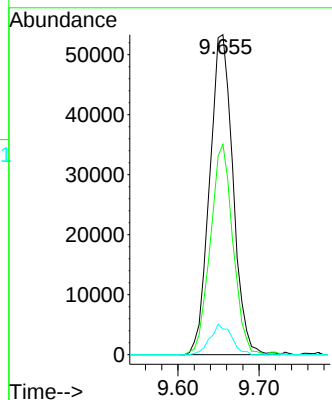
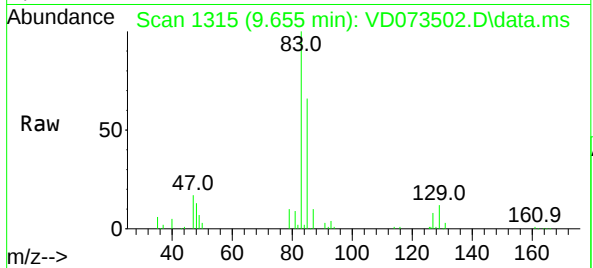




#47
Bromodichloromethane
Concen: 19.784 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

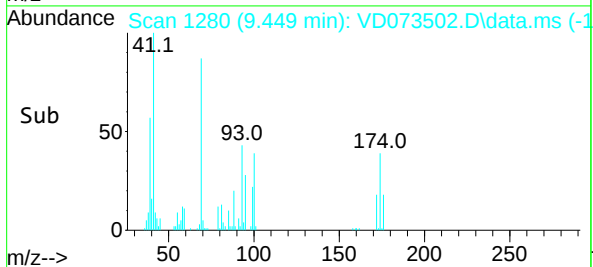
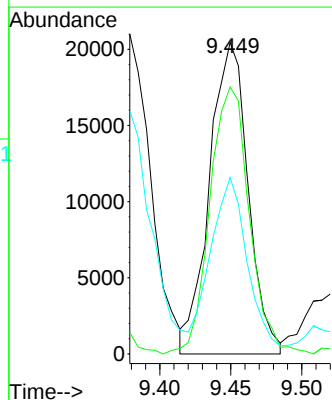
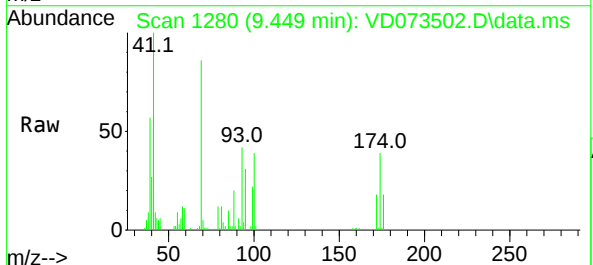
Instrument :
MSVOA_D
ClientSampleId :

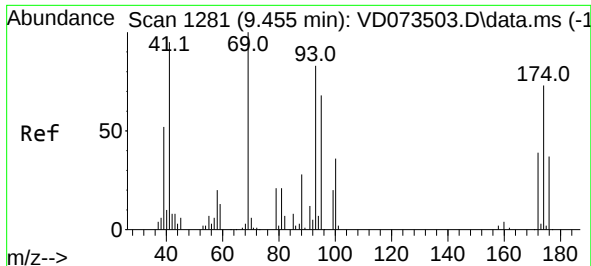
Tgt Ion: 83 Resp: 106420
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 18.987 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 41 Resp: 38655
Ion Ratio Lower Upper
41 100
69 87.4 56.7 85.1#
39 54.8 42.7 64.1





#49

1,4-Dioxane

Concen: 397.559 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

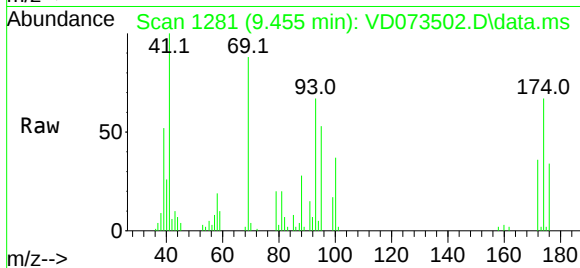
Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :



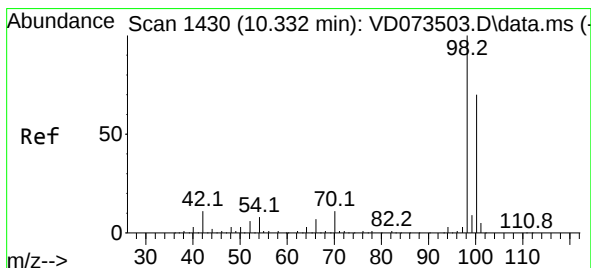
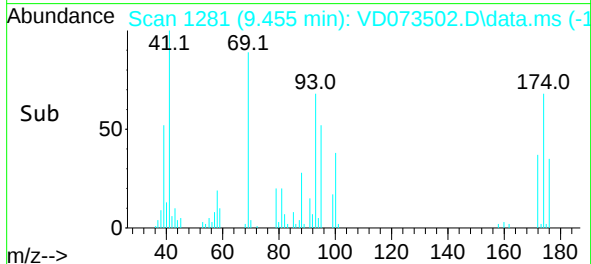
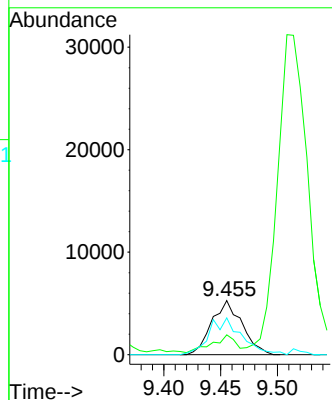
Tgt Ion: 88 Resp: 9816

Ion Ratio Lower Upper

88 100

43 24.8 31.0 46.4#

58 72.7 58.1 87.1



#50

Toluene-d8

Concen: 20.288 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073502.D

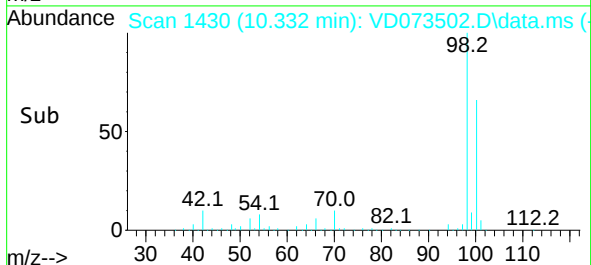
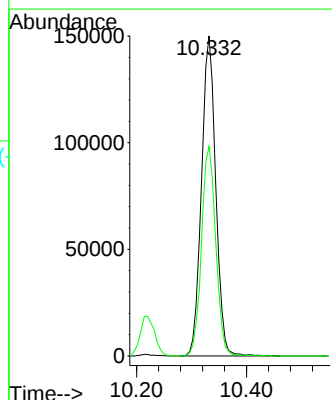
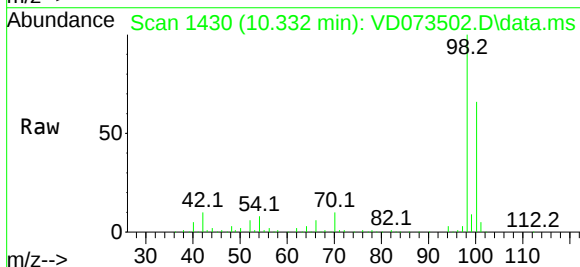
Acq: 09 Jun 2022 10:55

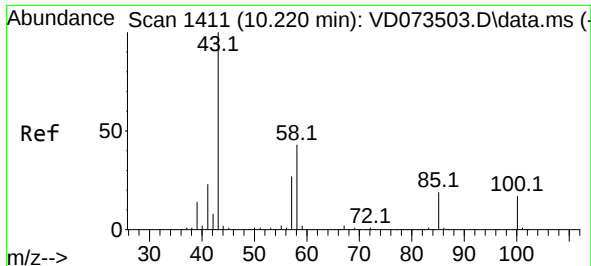
Tgt Ion: 98 Resp: 270083

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

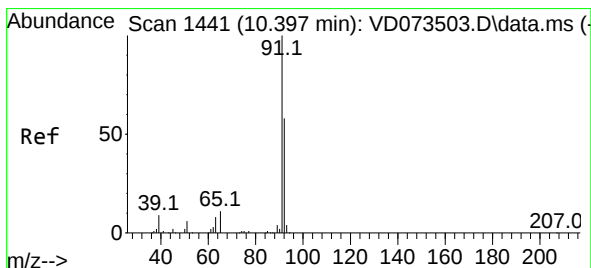
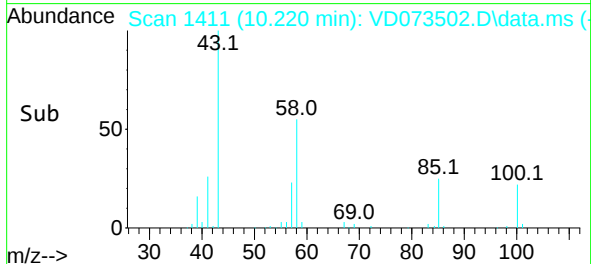
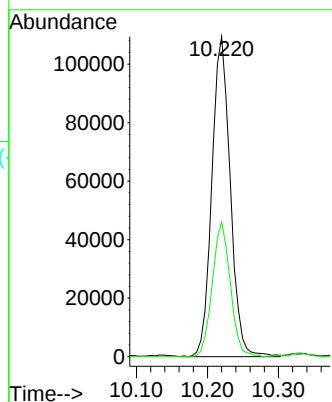
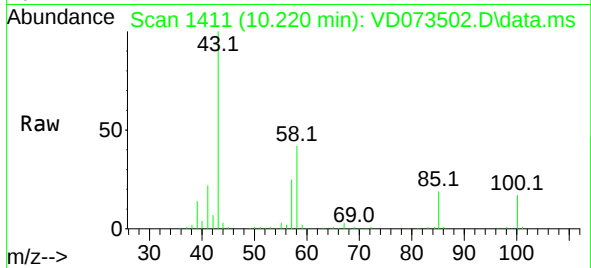




#51
4-Methyl-2-Pentanone
Concen: 94.797 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

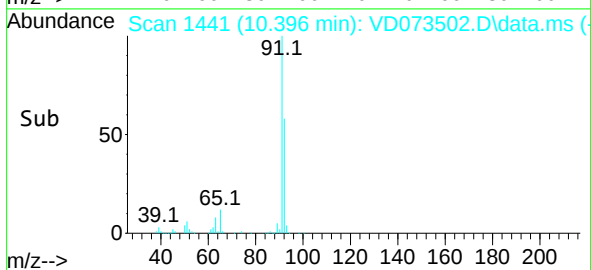
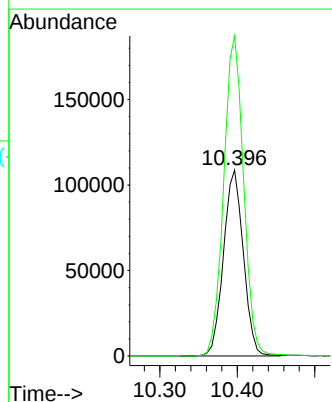
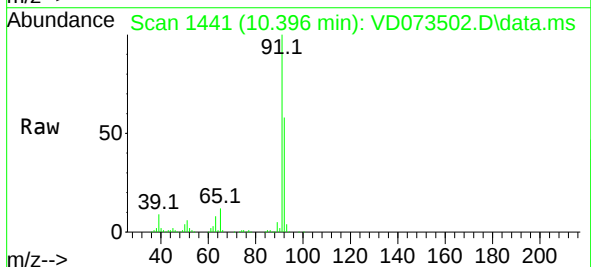
Instrument :
MSVOA_D
ClientSampleId :

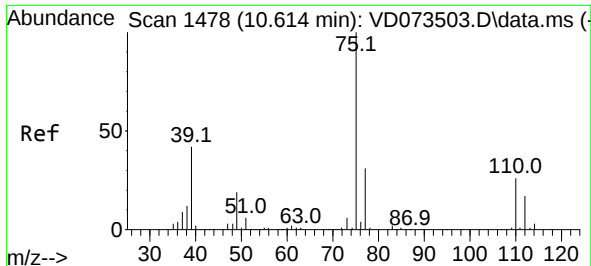
Tgt Ion: 43 Resp: 197142
Ion Ratio Lower Upper
43 100
58 41.0 28.6 43.0



#52
Toluene
Concen: 19.661 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 92 Resp: 193971
Ion Ratio Lower Upper
92 100
91 173.0 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

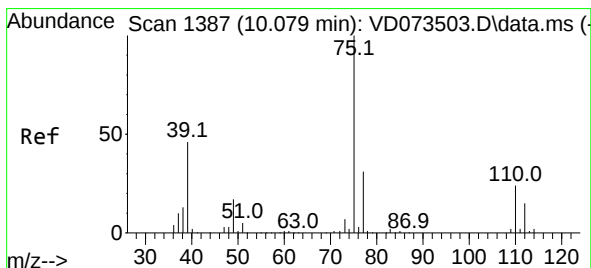
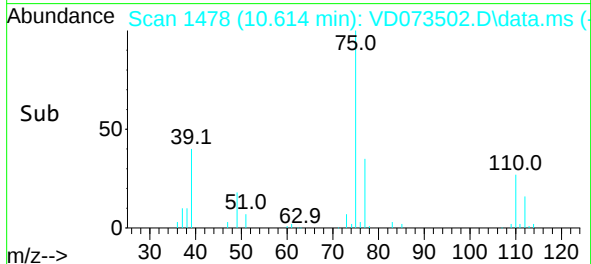
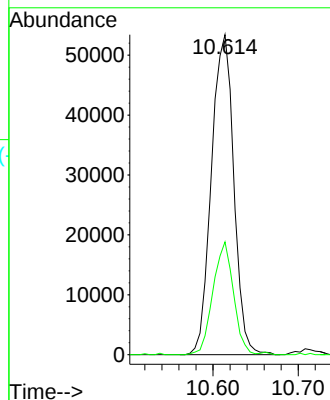
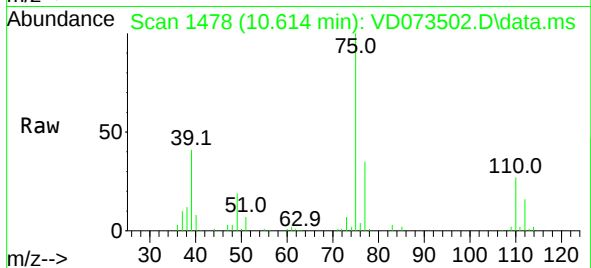
ClientSampleId :

Tgt Ion: 75 Resp: 97460

Ion Ratio Lower Upper

75 100

77 35.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.505 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

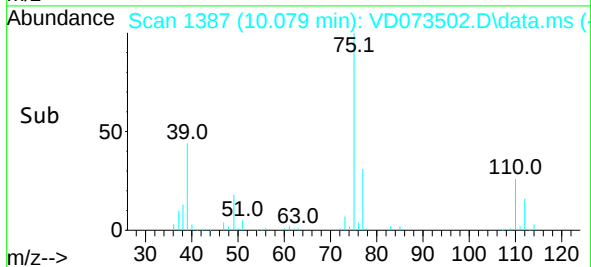
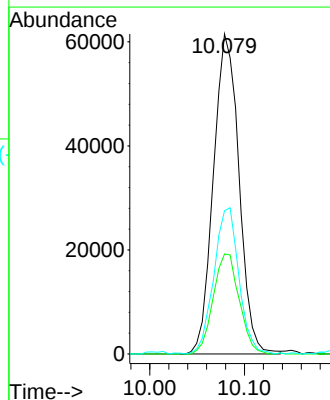
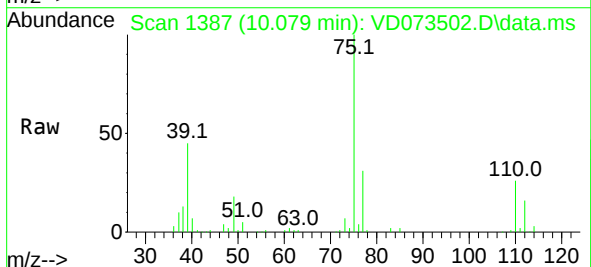
Tgt Ion: 75 Resp: 115246

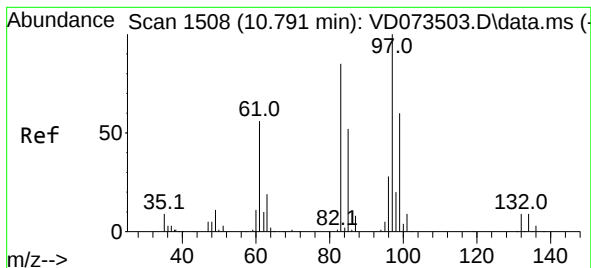
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 44.5 46.8 70.2#

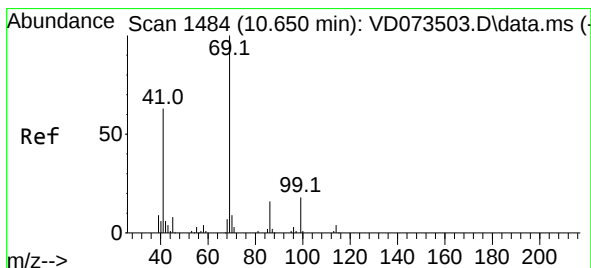
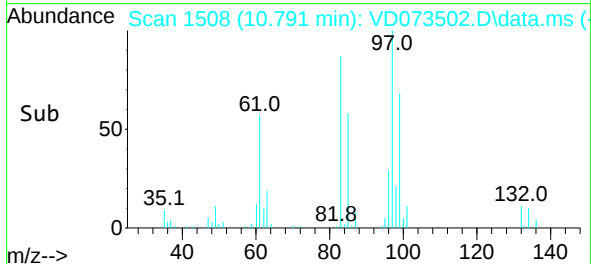
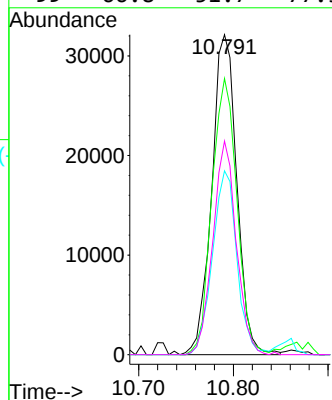
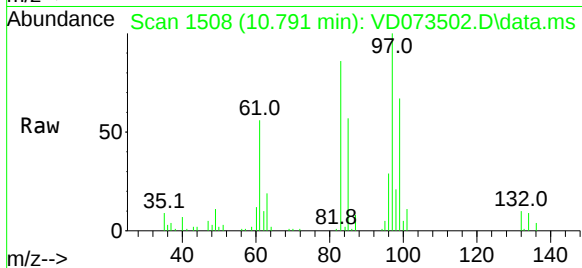




#55
 1,1,2-Trichloroethane
 Concen: 19.319 ug/l
 RT: 10.791 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

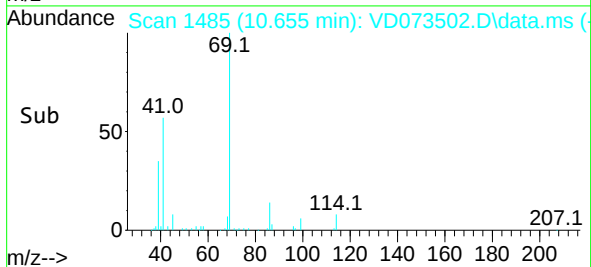
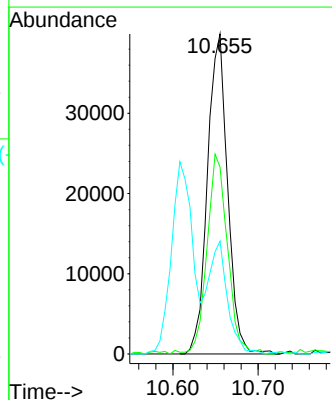
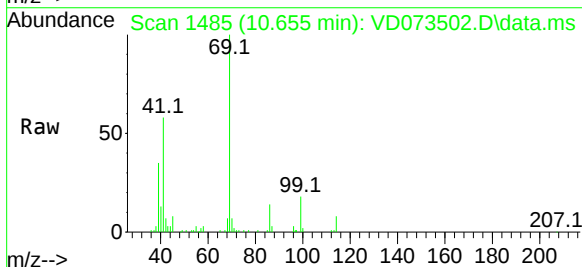
Instrument :
 MSVOA_D
 ClientSampleId :

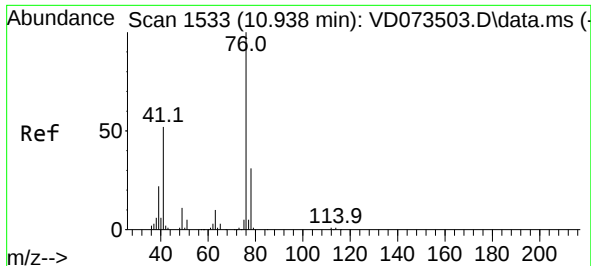
Tgt Ion: 97	Resp: 59148
Ion Ratio	Lower Upper
97 100	
83 86.3	69.0 103.4
85 57.4	42.6 63.8
99 66.8	51.7 77.5



#56
 Ethyl methacrylate
 Concen: 18.646 ug/l
 RT: 10.655 min Scan# 1485
 Delta R.T. 0.005 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion: 69	Resp: 65408
Ion Ratio	Lower Upper
69 100	
41 63.7	63.0 94.6
39 34.4	33.8 50.8





#57

1,3-Dichloropropane

Concen: 19.523 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

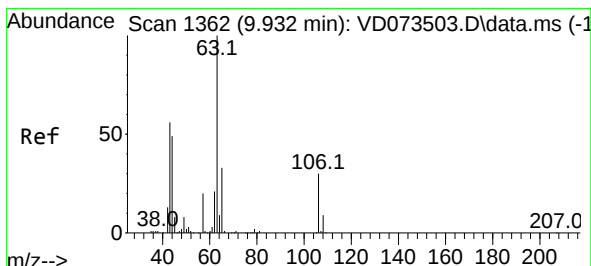
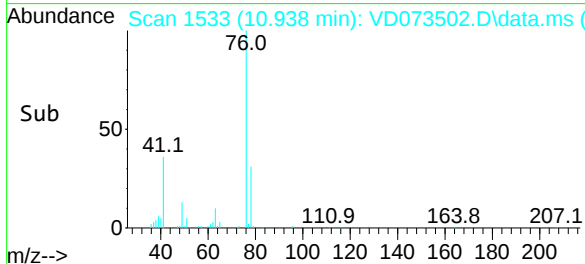
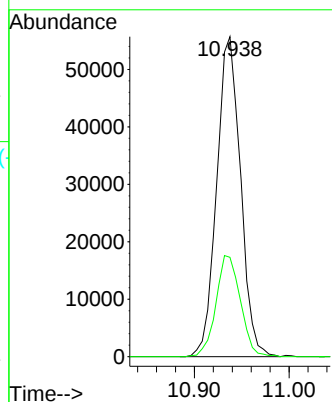
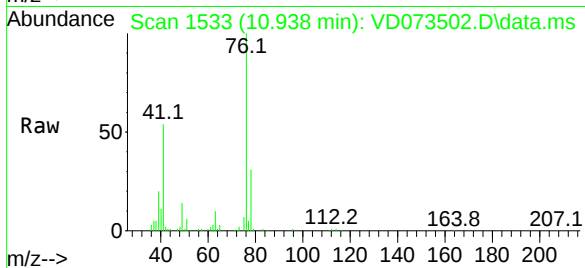
ClientSampleId :

Tgt Ion: 76 Resp: 97357

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 95.390 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073502.D

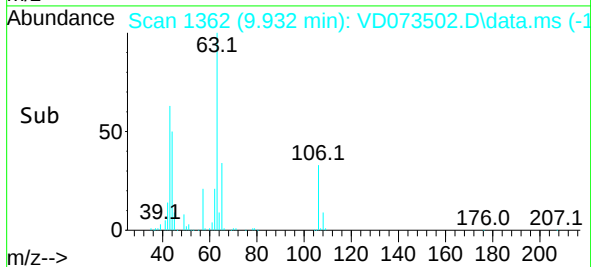
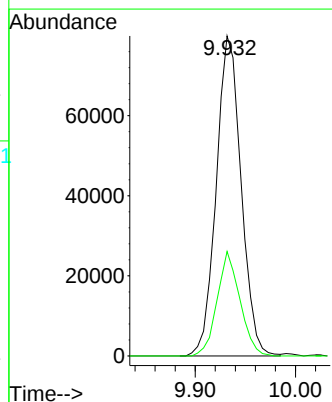
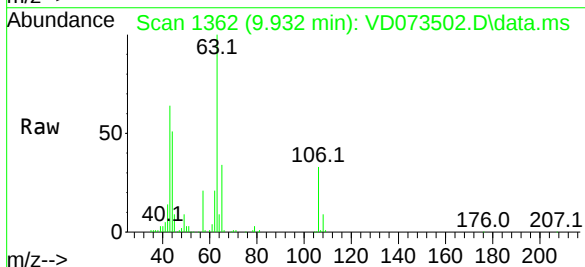
Acq: 09 Jun 2022 10:55

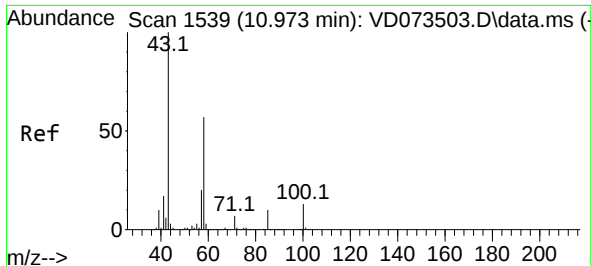
Tgt Ion: 63 Resp: 137574

Ion Ratio Lower Upper

63 100

106 30.0 21.4 32.0

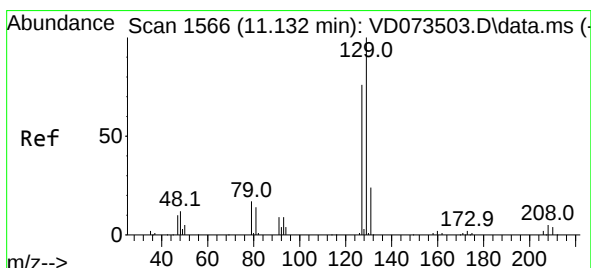
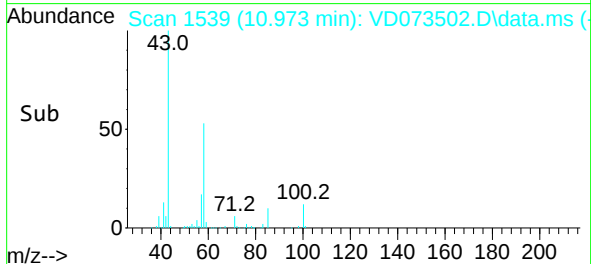
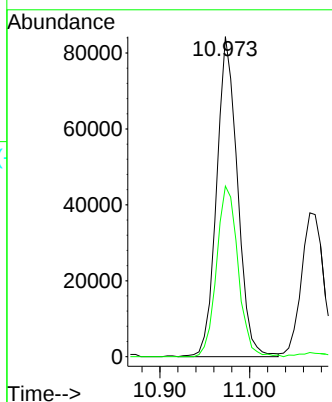
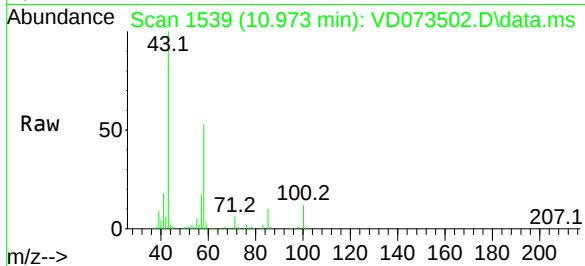




#59
2-Hexanone
Concen: 95.589 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

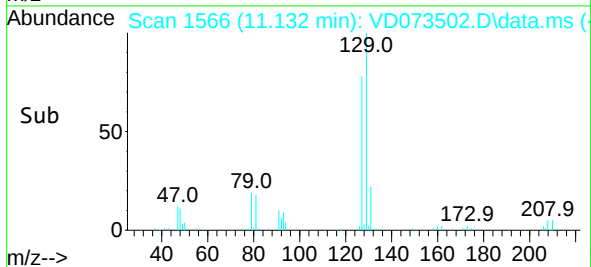
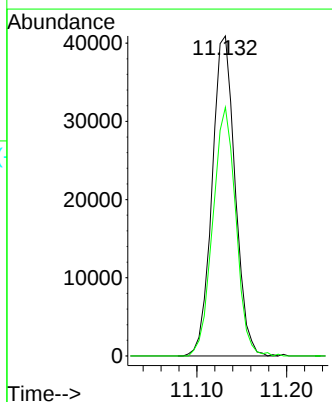
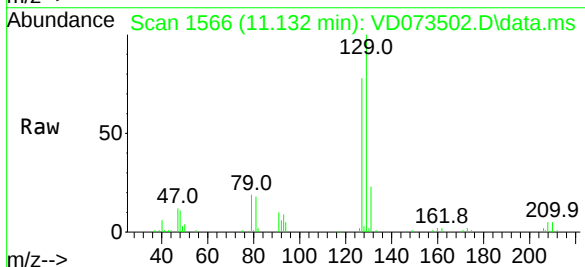
Instrument :
MSVOA_D
ClientSampleId :

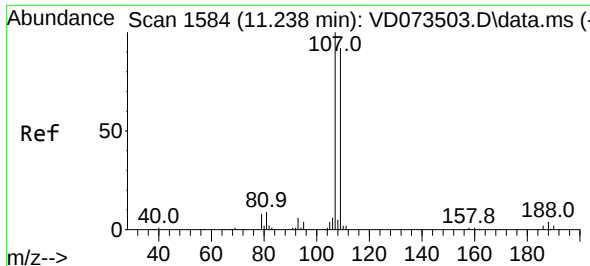
Tgt Ion: 43 Resp: 136141
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 19.254 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:129 Resp: 72758
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6

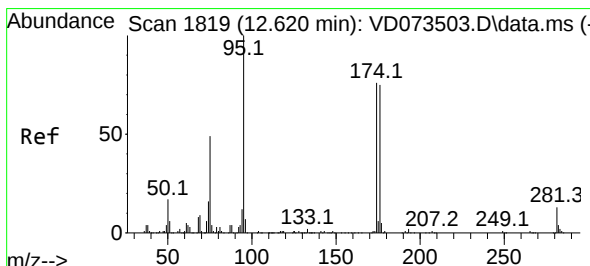
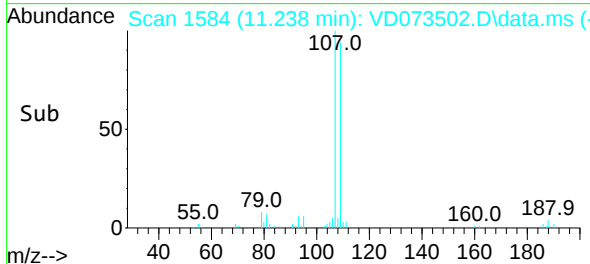
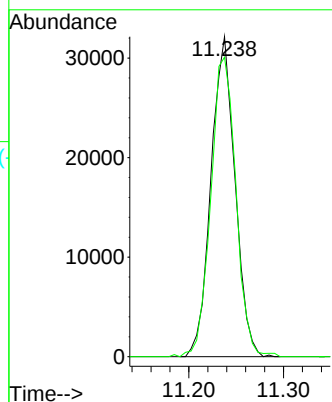
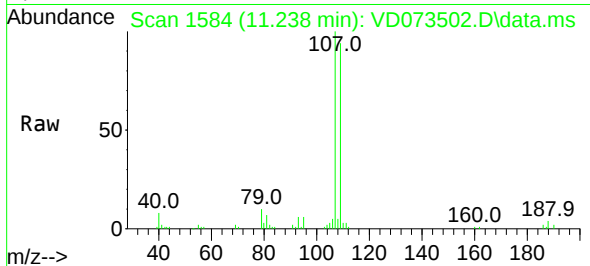




#61
1,2-Dibromoethane
Concen: 19.417 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

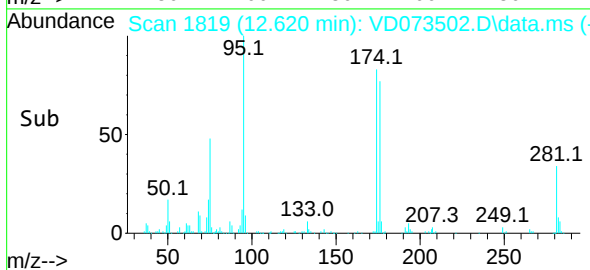
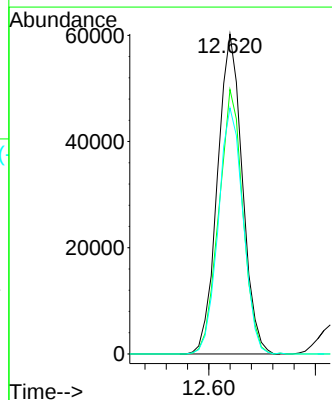
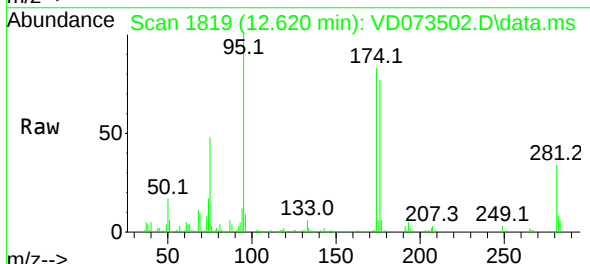
Instrument :
MSVOA_D
ClientSampleId :

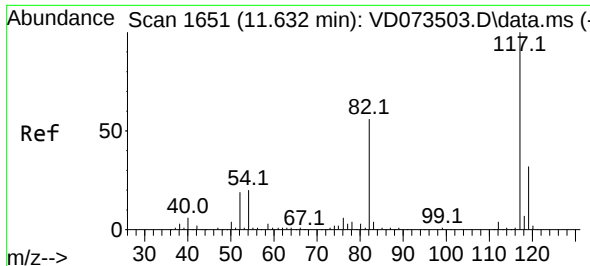
Tgt Ion:107 Resp: 56643
Ion Ratio Lower Upper
107 100
109 98.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 20.158 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 95 Resp: 97422
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 76.5 0.0 145.4

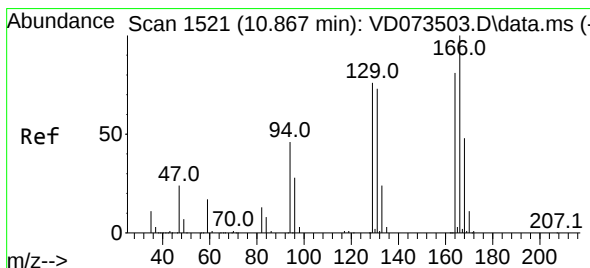
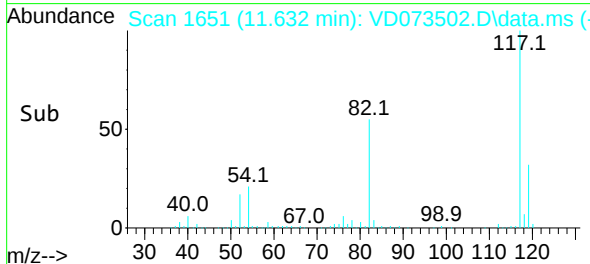
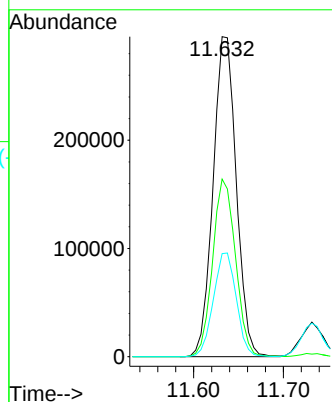
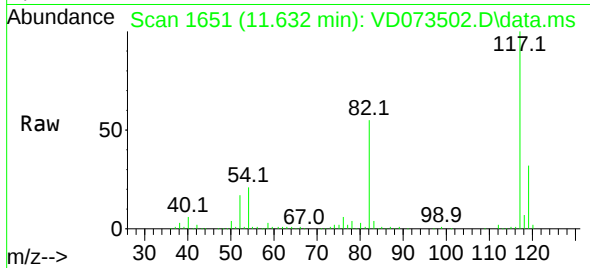




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

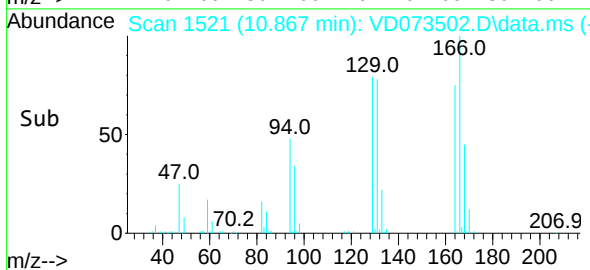
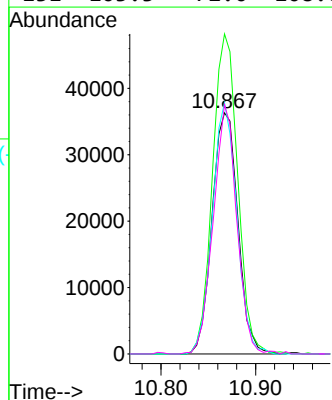
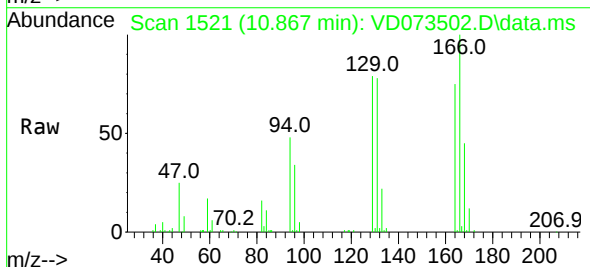
Instrument :
MSVOA_D
ClientSampleId :

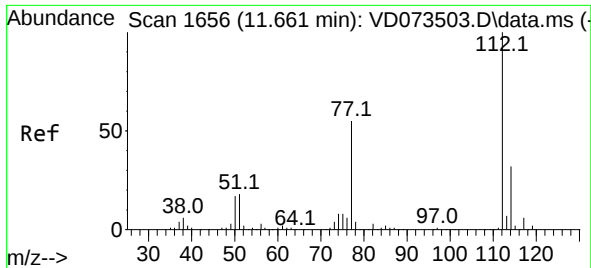
Tgt Ion:117 Resp: 530841
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 19.018 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:164 Resp: 68730
Ion Ratio Lower Upper
164 100
166 132.7 98.5 147.7
129 104.2 74.6 111.8
131 103.3 72.0 108.0

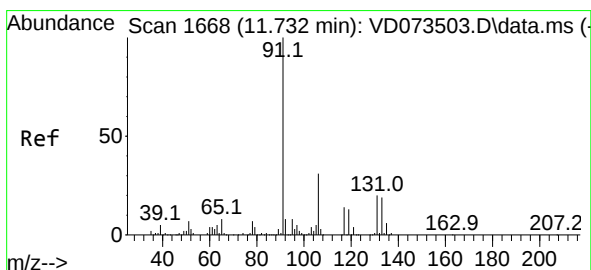
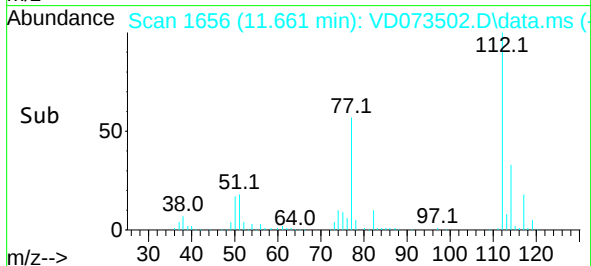
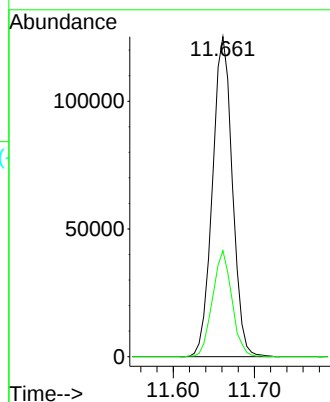
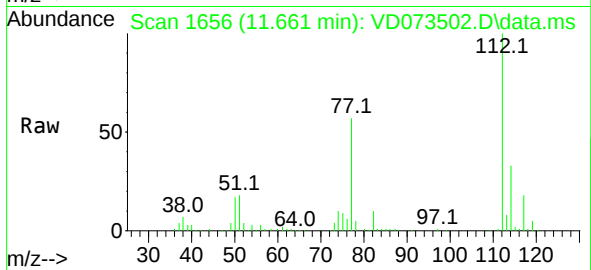




#65
Chlorobenzene
Concen: 19.549 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

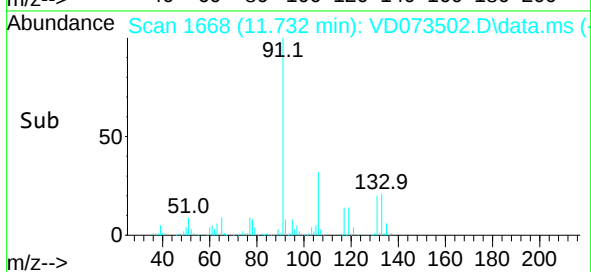
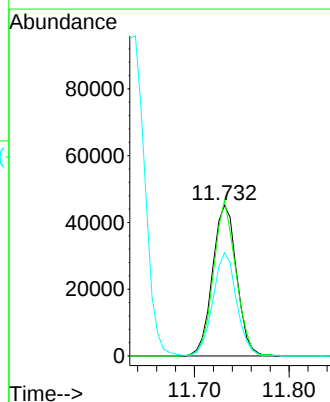
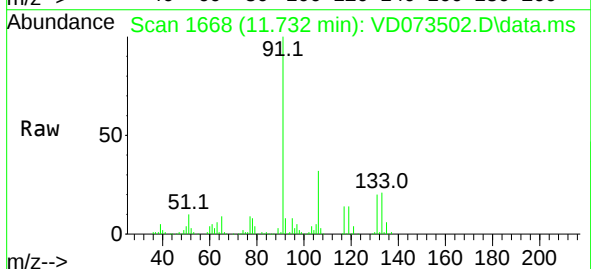
Instrument :
MSVOA_D
ClientSampleId :

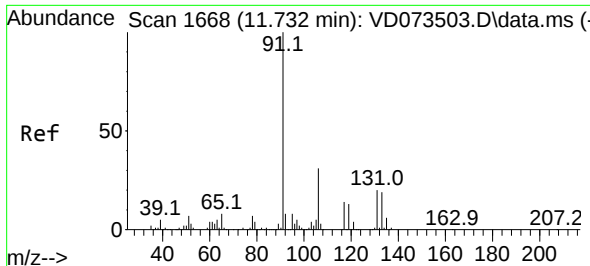
Tgt Ion:112 Resp: 213521
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.299 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:131 Resp: 79978
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 67.1 31.9 95.9

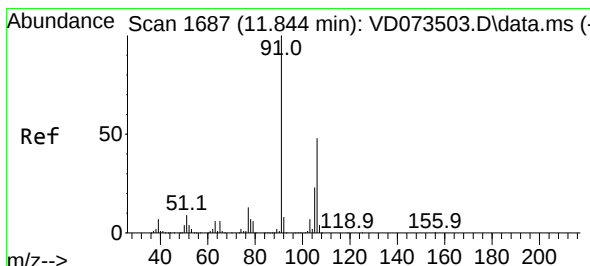
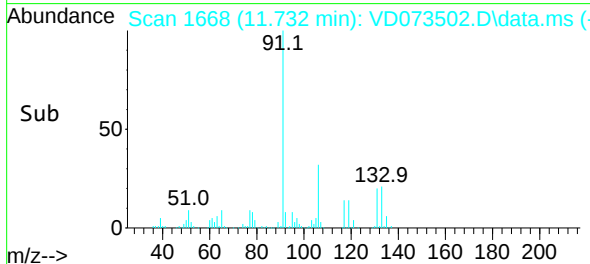
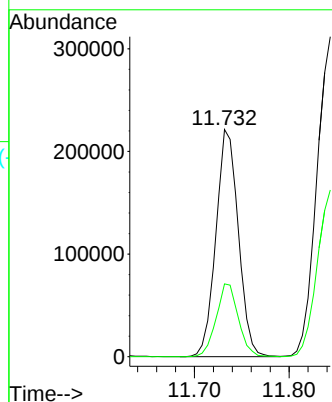
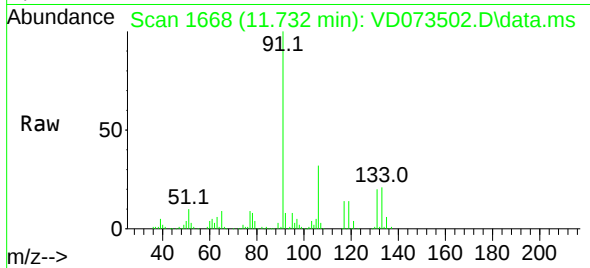




#67
Ethyl Benzene
Concen: 19.076 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

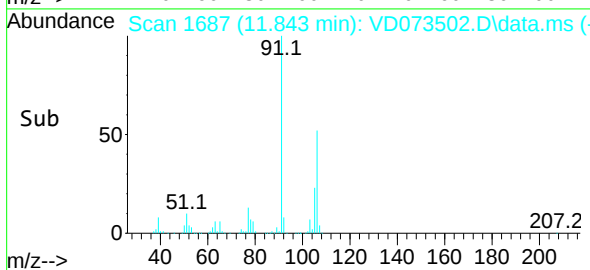
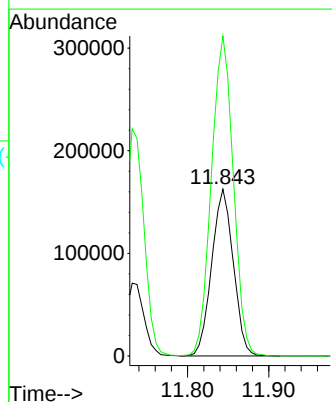
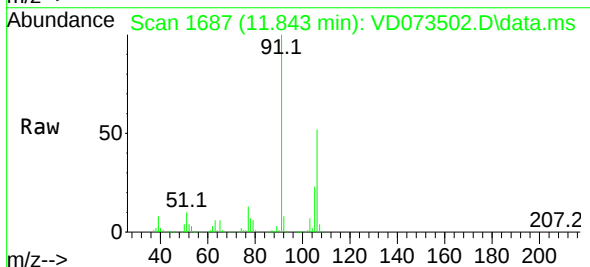
Instrument :
MSVOA_D
ClientSampleId :

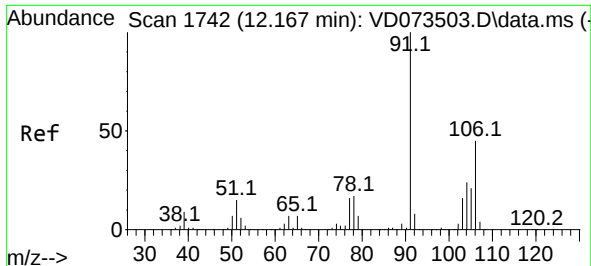
Tgt Ion: 91 Resp: 364107
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4



#68
m/p-Xylenes
Concen: 40.092 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:106 Resp: 300297
Ion Ratio Lower Upper
106 100
91 195.2 163.7 245.5





#69

o-Xylene

Concen: 19.592 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

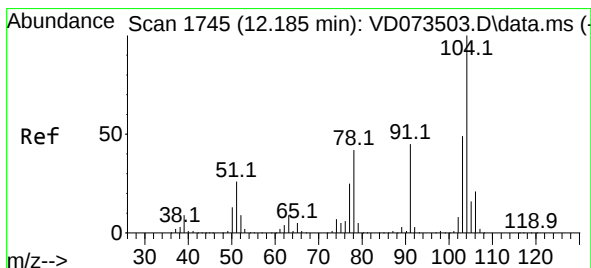
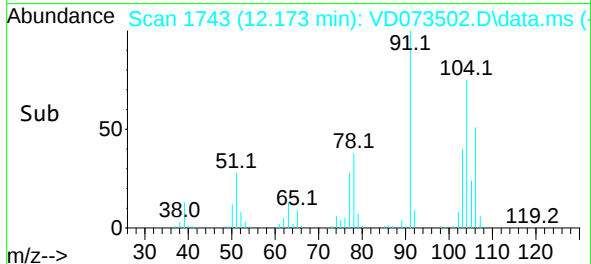
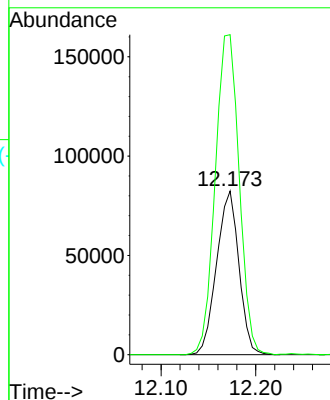
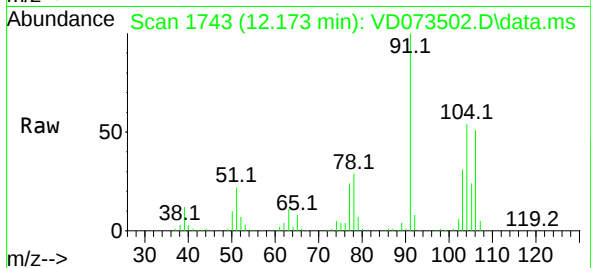
ClientSampleId :

Tgt Ion:106 Resp: 135028

Ion Ratio Lower Upper

106 100

91 209.7 110.4 331.2



#70

Styrene

Concen: 19.819 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

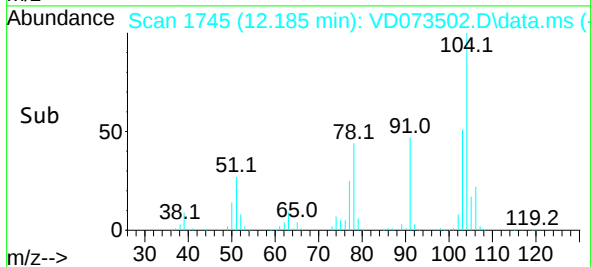
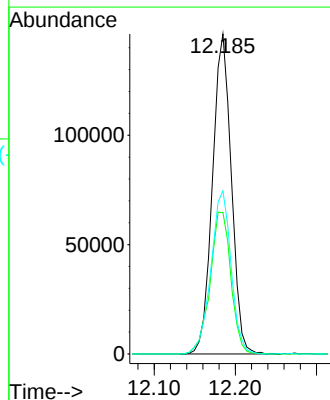
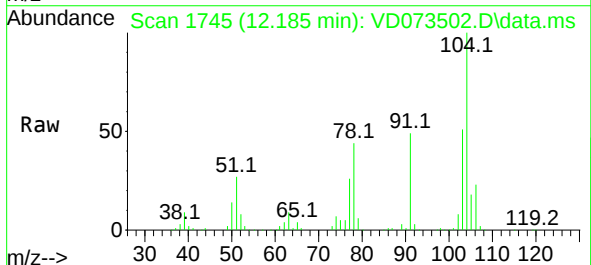
Tgt Ion:104 Resp: 235612

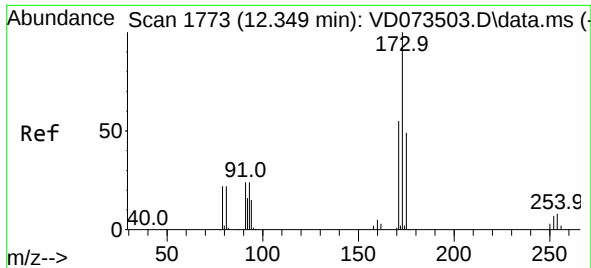
Ion Ratio Lower Upper

104 100

78 48.9 41.8 62.8

103 54.6 44.2 66.4

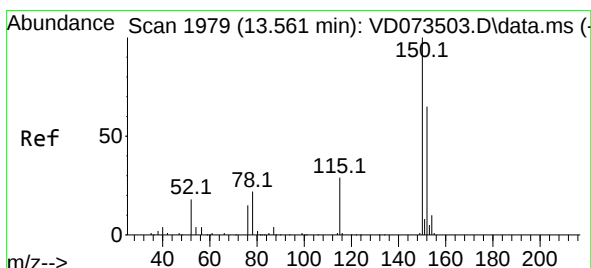
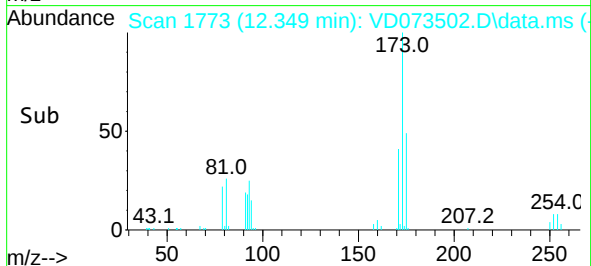
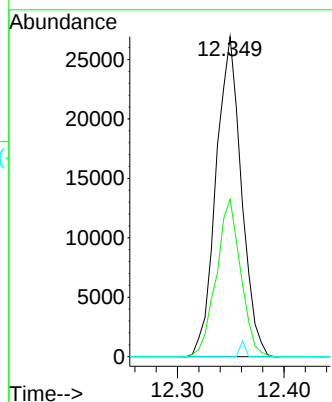
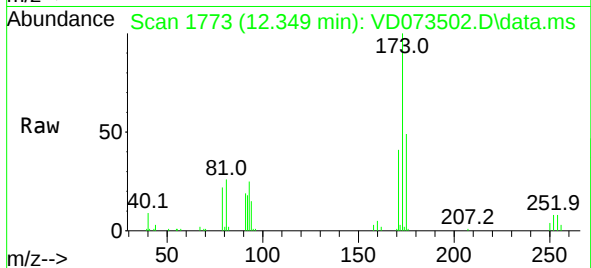




#71
Bromoform
Concen: 19.626 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

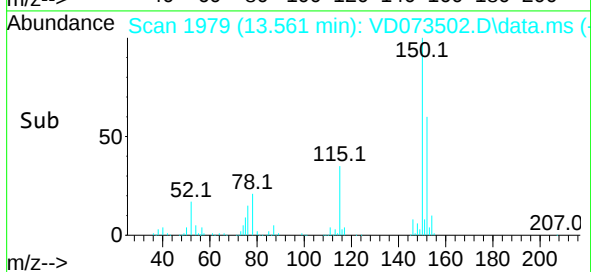
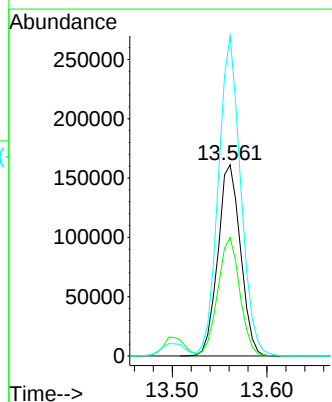
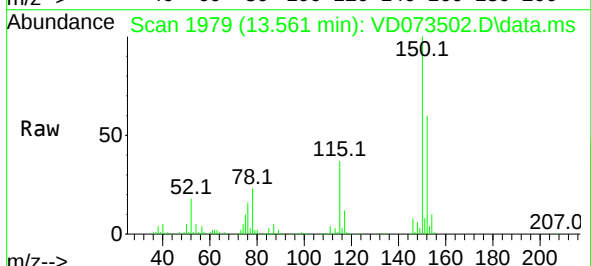
Instrument :
MSVOA_D
ClientSampleId :

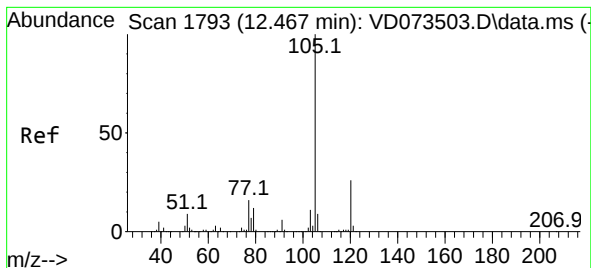
Tgt Ion:173 Resp: 44472
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.8
254 1.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:152 Resp: 267292
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 164.9 0.0 348.6





#73

Isopropylbenzene

Concen: 18.993 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

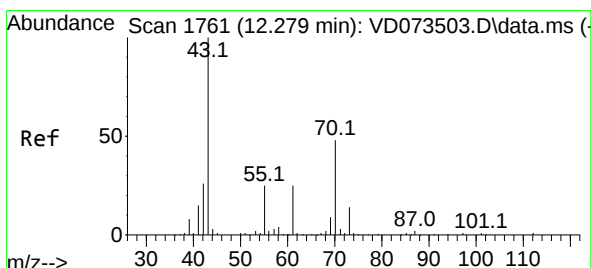
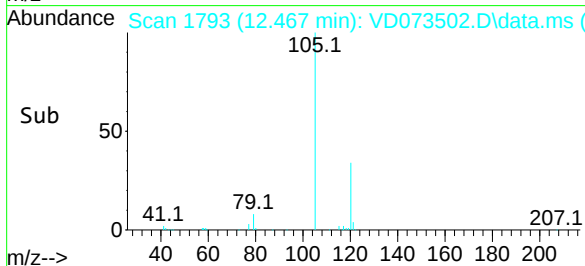
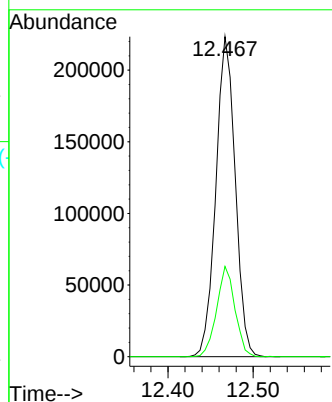
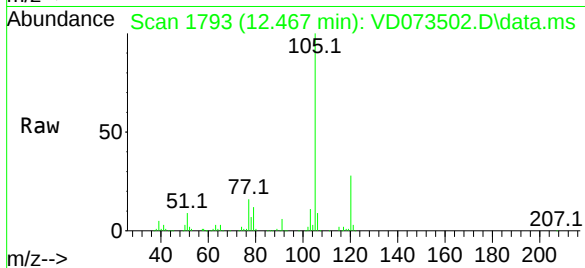
ClientSampleId :

Tgt Ion:105 Resp: 351874

Ion Ratio Lower Upper

105 100

120 26.7 13.0 38.9



#74

N-ethyl acetate

Concen: 18.562 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Tgt Ion: 43 Resp: 76506

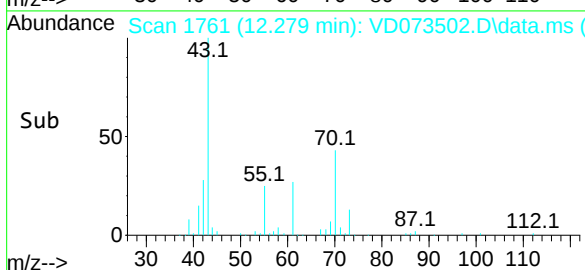
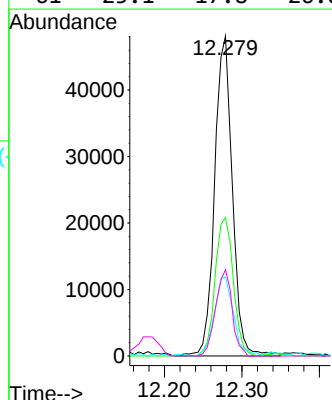
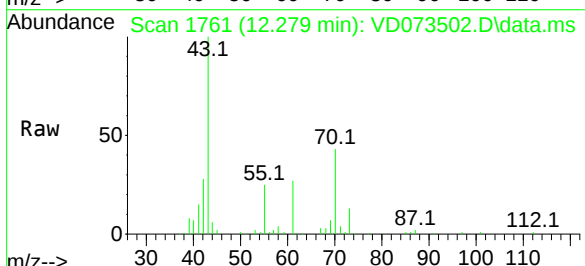
Ion Ratio Lower Upper

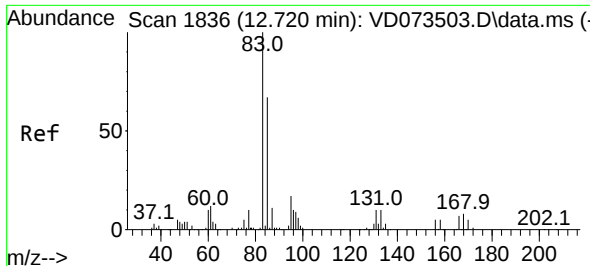
43 100

70 44.3 31.3 46.9

55 26.5 20.0 30.0

61 25.1 17.8 26.8

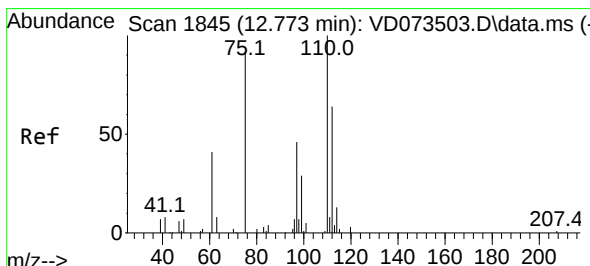
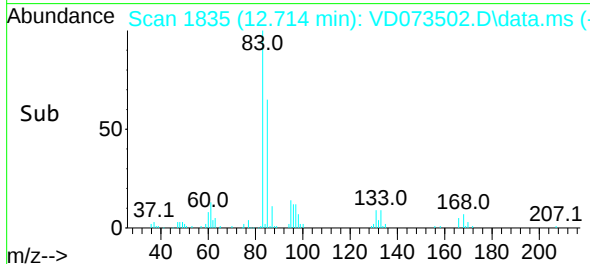
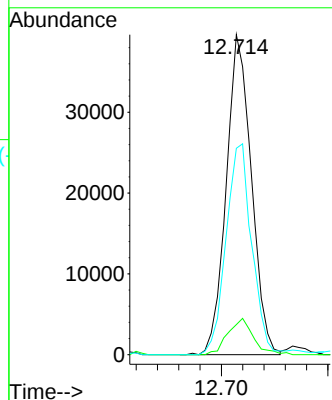
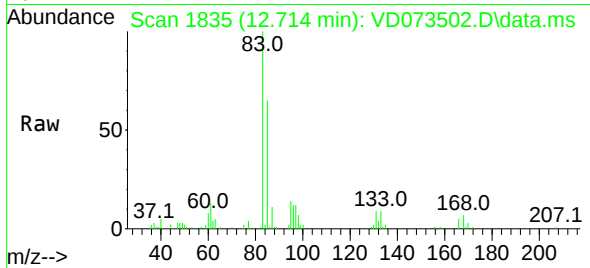




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.470 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

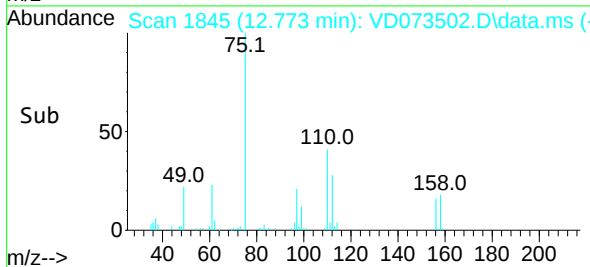
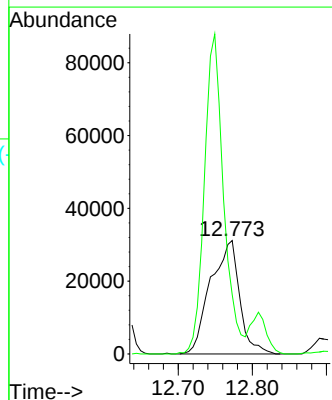
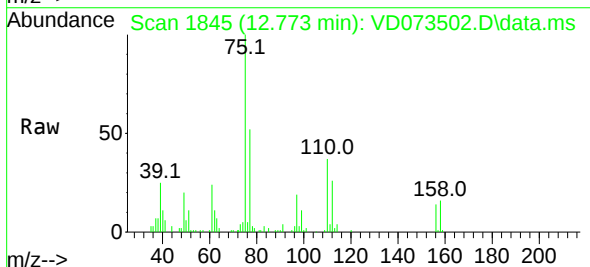
Instrument :
 MSVOA_D
 ClientSampleId :

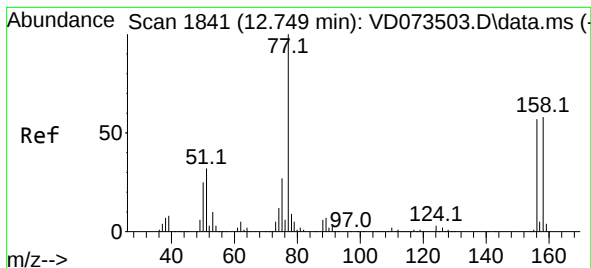
Tgt Ion: 83 Resp: 64959
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.0 14.9
 85 67.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.607 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion: 75 Resp: 84669
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.851 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

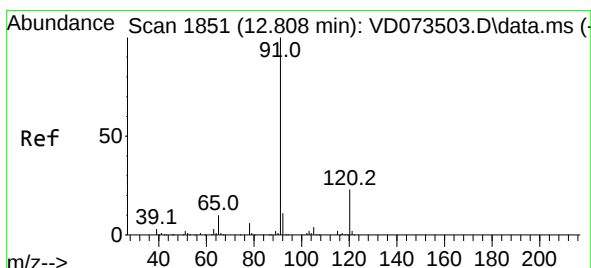
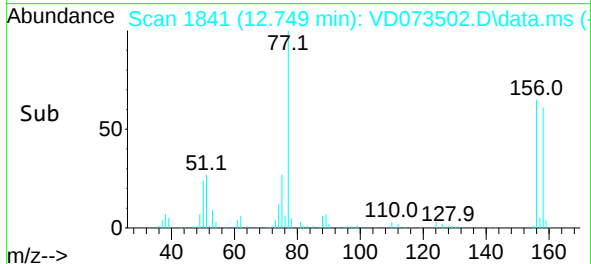
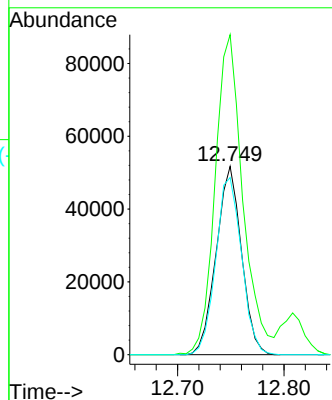
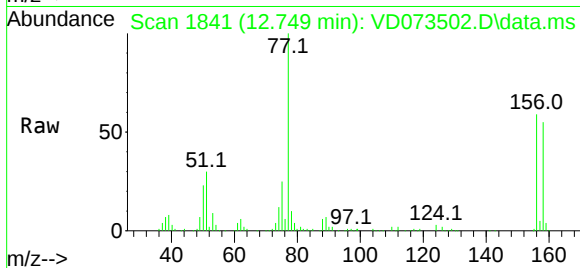
Tgt Ion:156 Resp: 85293

Ion Ratio Lower Upper

156 100

77 186.7 102.8 308.3

158 96.2 48.7 146.1



#78

n-propylbenzene

Concen: 19.371 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073502.D

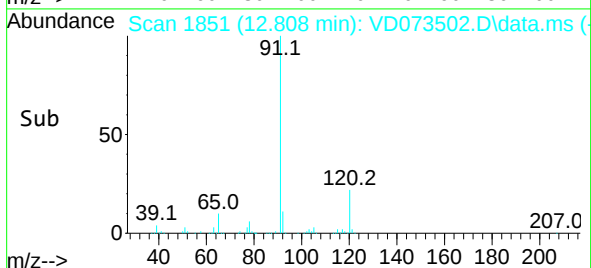
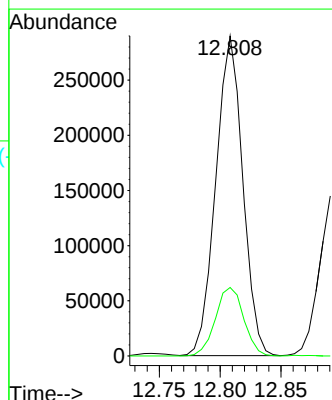
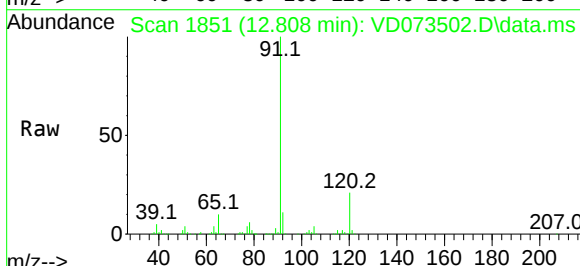
Acq: 09 Jun 2022 10:55

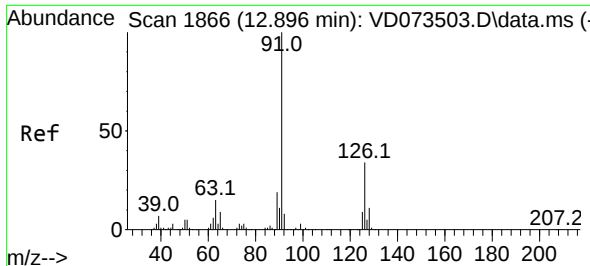
Tgt Ion: 91 Resp: 446711

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

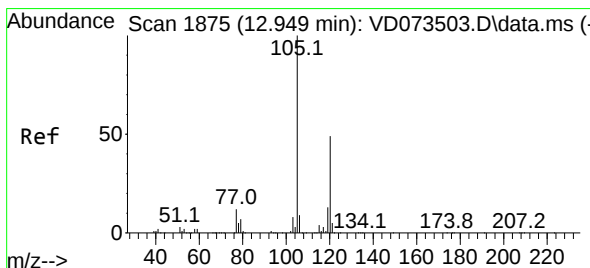
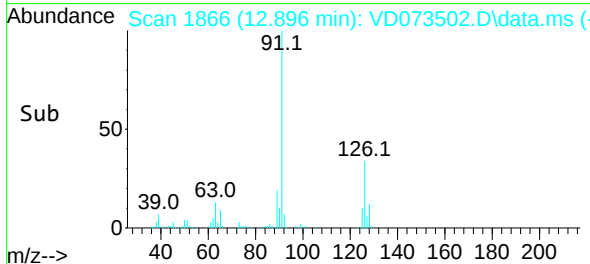
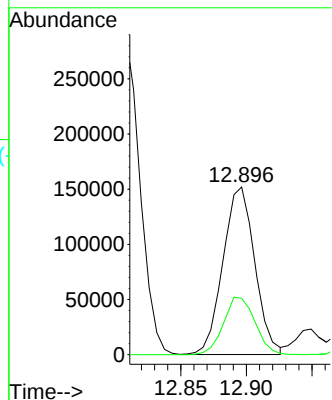
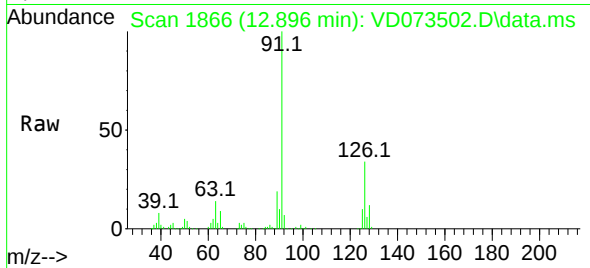




#79
2-Chlorotoluene
Concen: 19.134 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

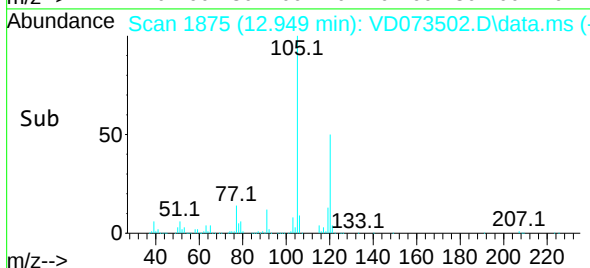
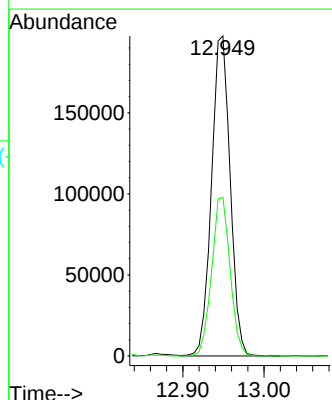
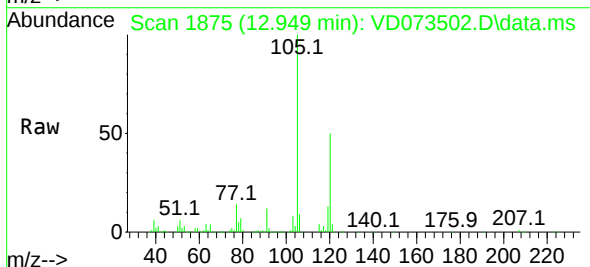
Instrument :
MSVOA_D
ClientSampleId :

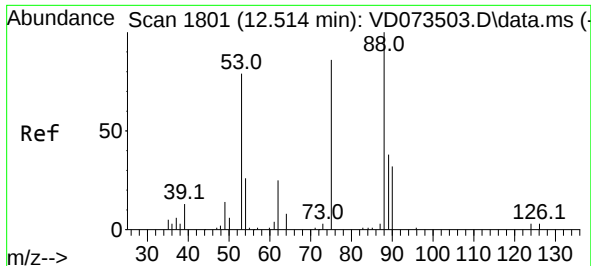
Tgt Ion: 91 Resp: 256490
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 19.710 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 105 Resp: 314948
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

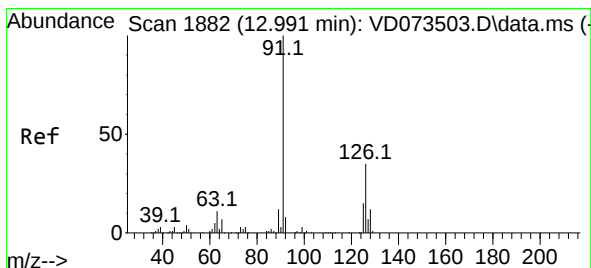
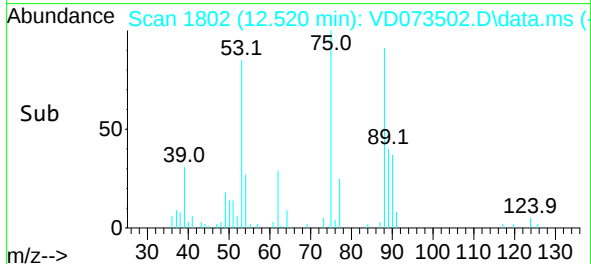
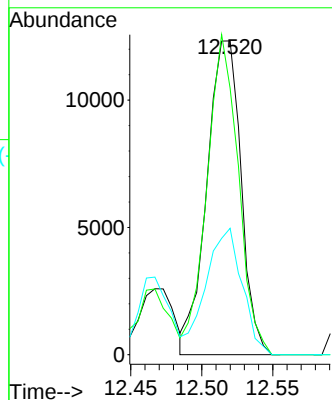
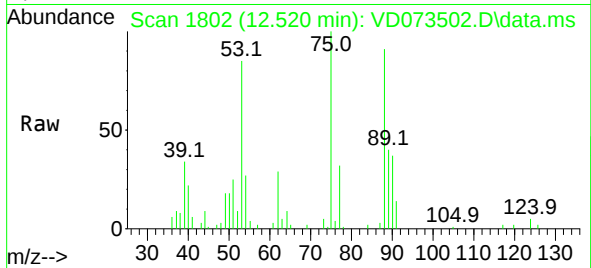




#81
trans-1,4-Dichloro-2-butene
Concen: 18.608 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

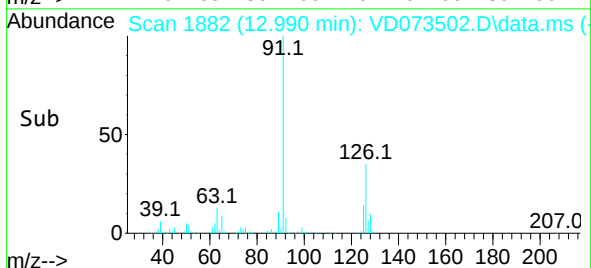
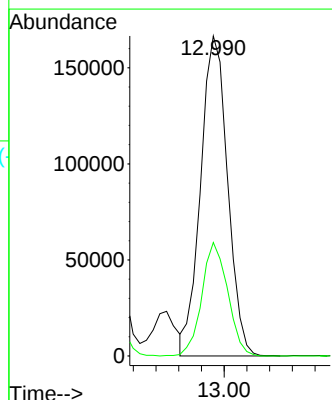
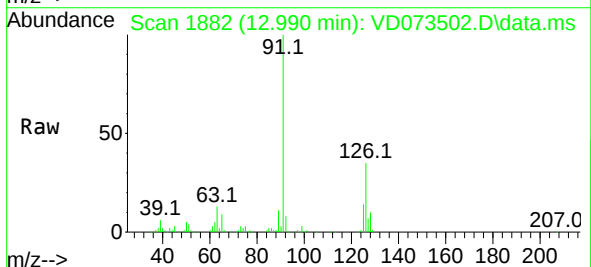
Instrument :
MSVOA_D
ClientSampleId :

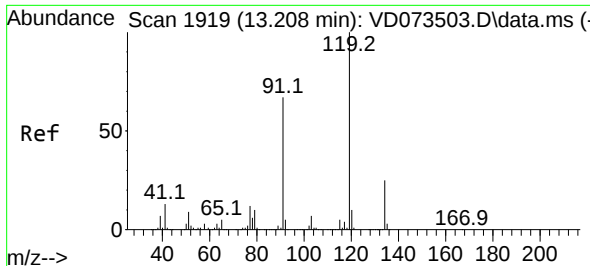
Tgt Ion: 75 Resp: 20586
Ion Ratio Lower Upper
75 100
53 93.7 86.5 129.7
89 42.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 19.431 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion: 91 Resp: 274592
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

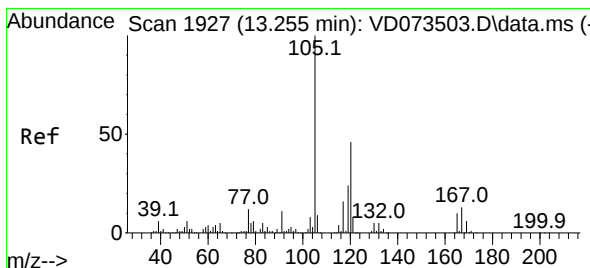
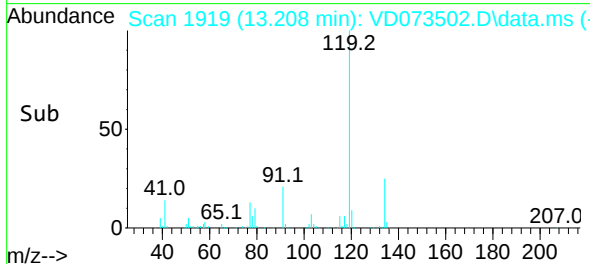
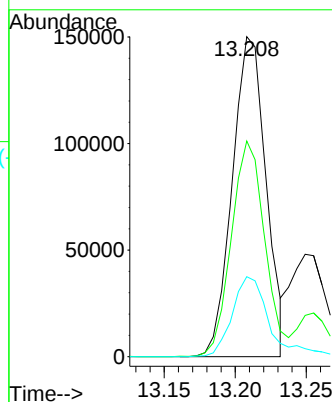
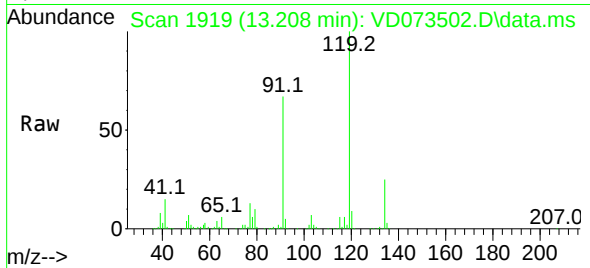




#83
tert-Butylbenzene
Concen: 18.381 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

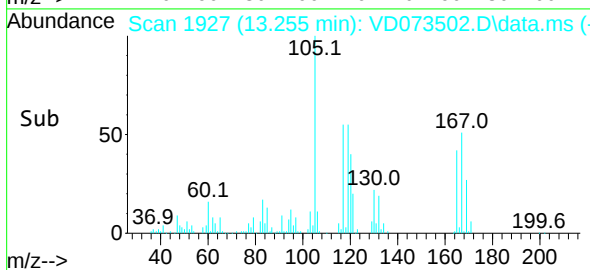
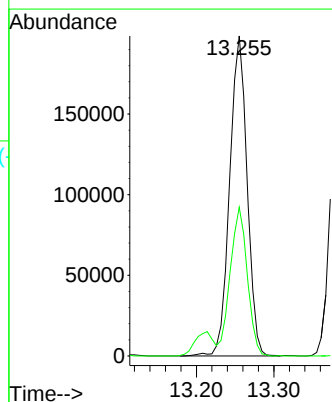
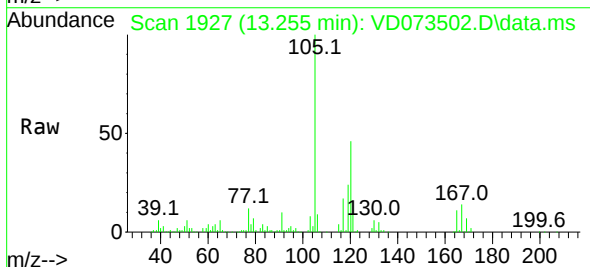
Instrument :
MSVOA_D
ClientSampleId :

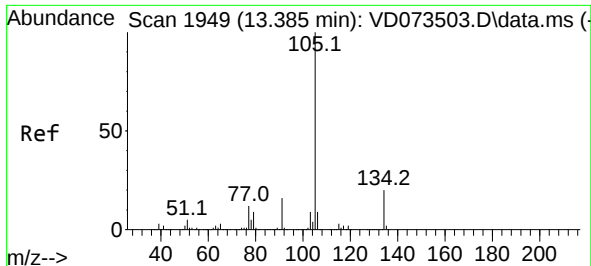
Tgt Ion:119 Resp: 248240
Ion Ratio Lower Upper
119 100
91 67.1 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.496 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:105 Resp: 310929
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8

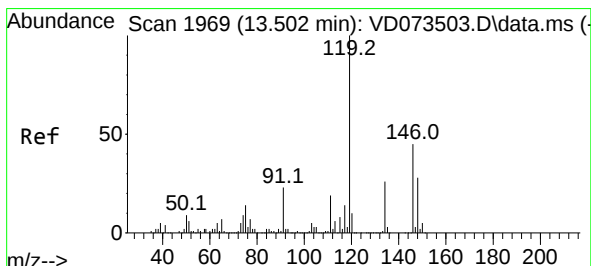
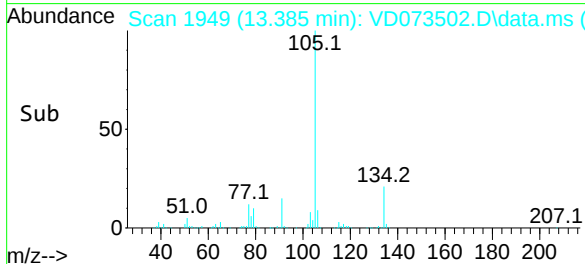
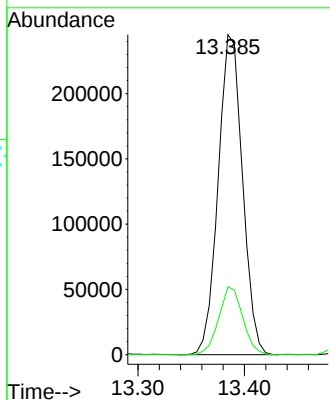
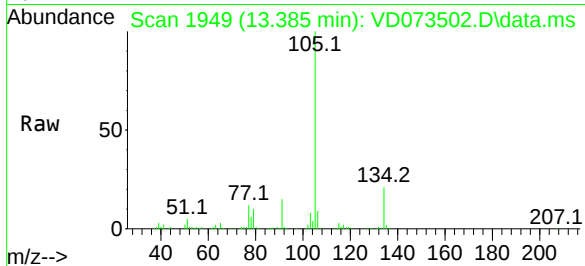




#85
 sec-Butylbenzene
 Concen: 19.208 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

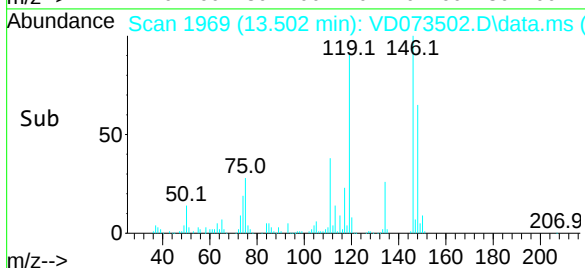
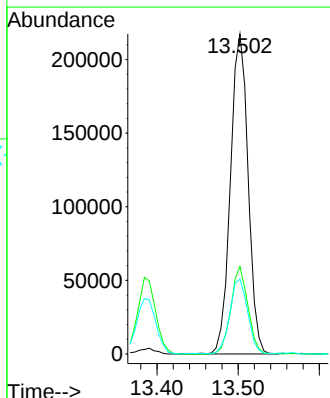
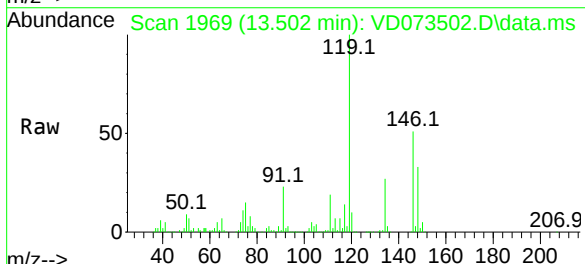
Instrument :
 MSVOA_D
 ClientSampleId :

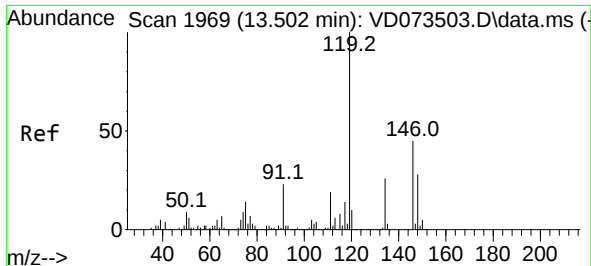
Tgt Ion:105 Resp: 388589
 Ion Ratio Lower Upper
 105 100
 134 20.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.455 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

Tgt Ion:119 Resp: 328093
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.5 12.1 36.3

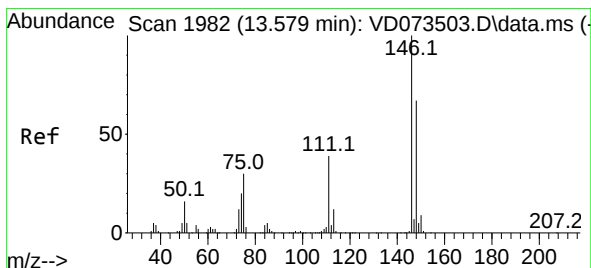
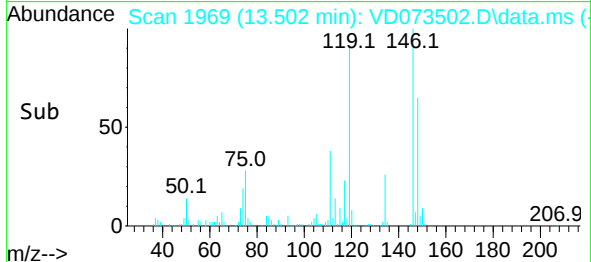
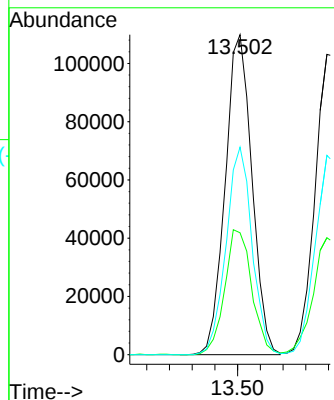
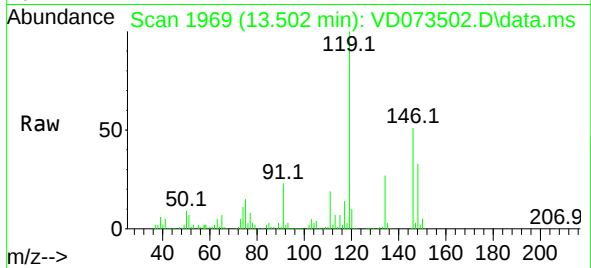




#87
1,3-Dichlorobenzene
Concen: 19.444 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

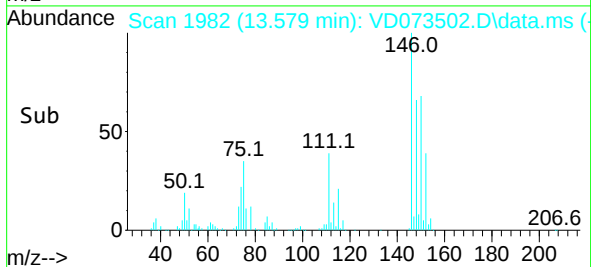
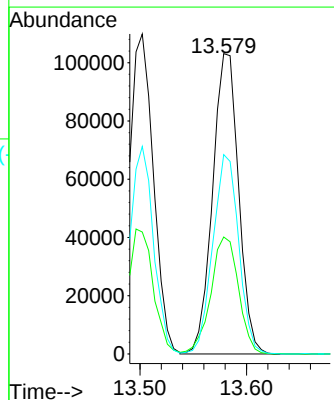
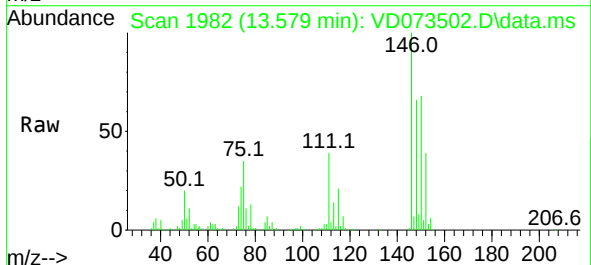
Instrument :
MSVOA_D
ClientSampleId :

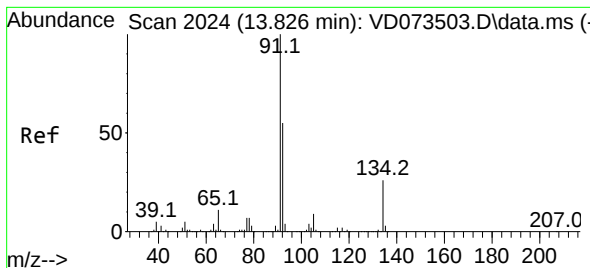
Tgt Ion:146 Resp: 179639
Ion Ratio Lower Upper
146 100
111 39.6 20.4 61.3
148 63.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.130 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:146 Resp: 174841
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.9
148 66.0 31.7 95.1





#89

n-Butylbenzene

Concen: 19.076 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073502.D

Acq: 09 Jun 2022 10:55

Instrument :

MSVOA_D

ClientSampleId :

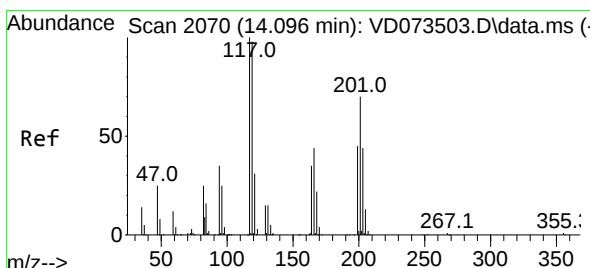
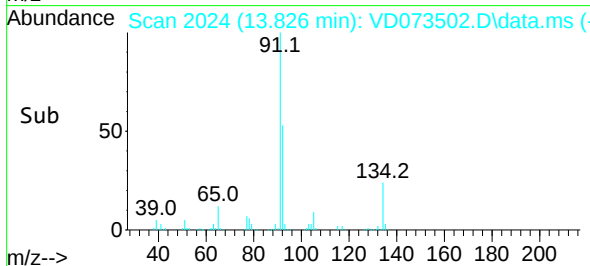
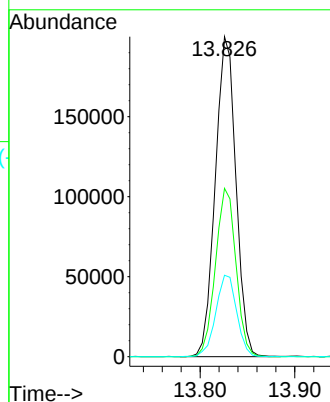
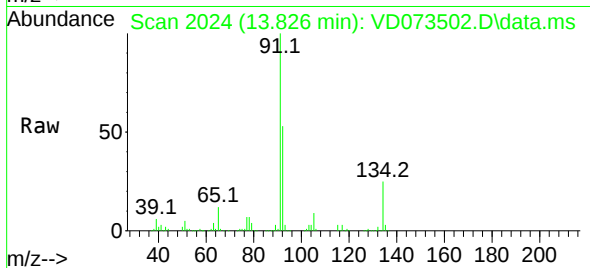
Tgt Ion: 91 Resp: 303477

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.8

134 25.9 12.3 36.9



#90

Hexachloroethane

Concen: 19.206 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073502.D

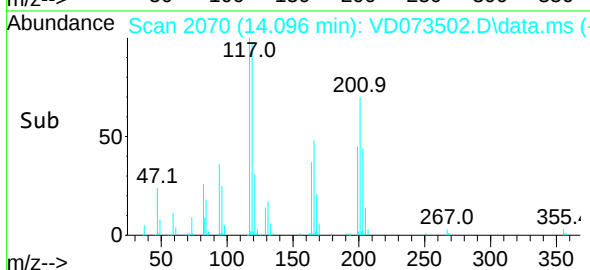
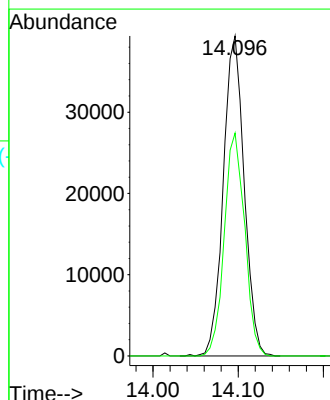
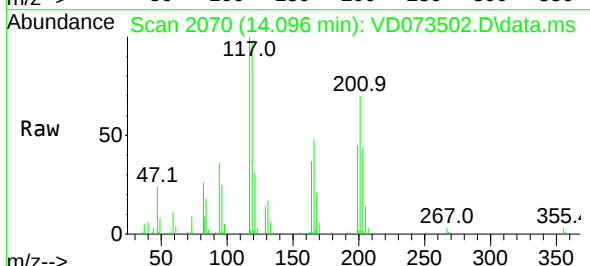
Acq: 09 Jun 2022 10:55

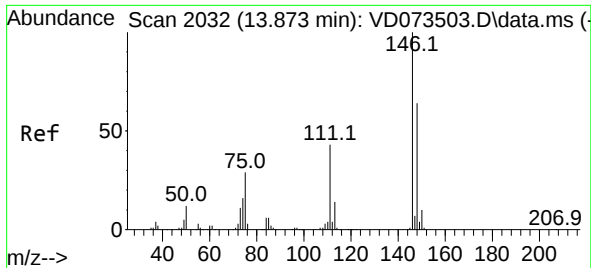
Tgt Ion: 117 Resp: 67076

Ion Ratio Lower Upper

117 100

201 68.0 33.4 100.2

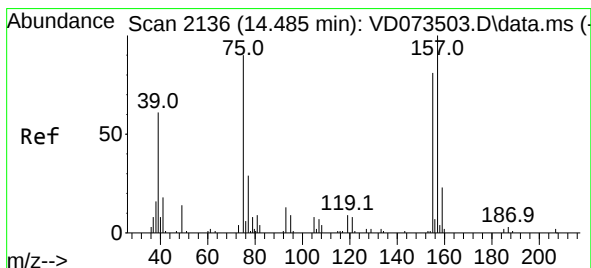
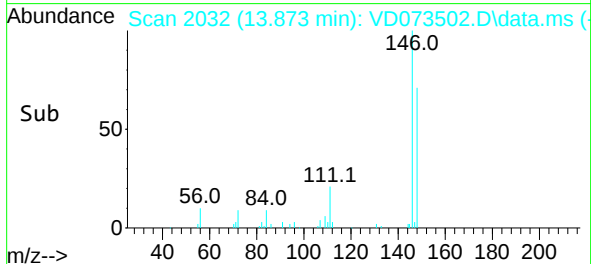
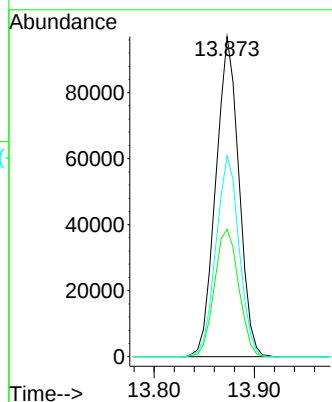
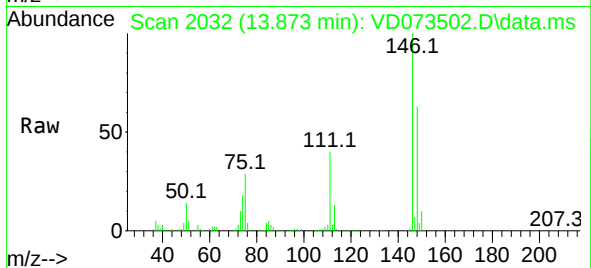




#91
1,2-Dichlorobenzene
Concen: 19.480 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

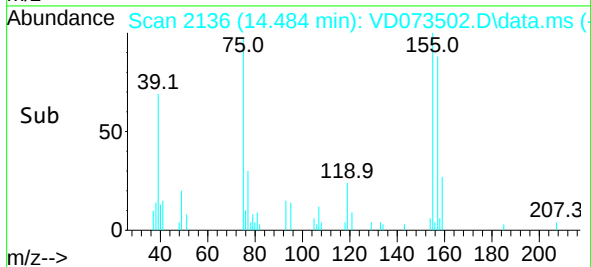
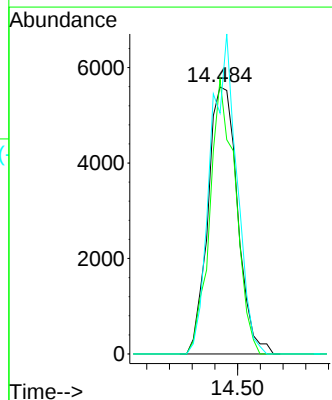
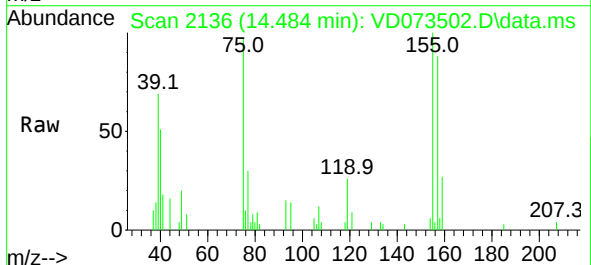
Instrument :
MSVOA_D
ClientSampleId :

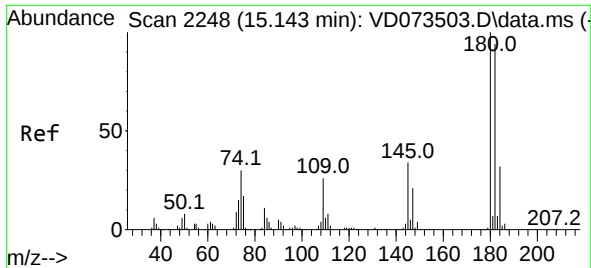
Tgt Ion:146 Resp: 155230
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.016 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.001 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

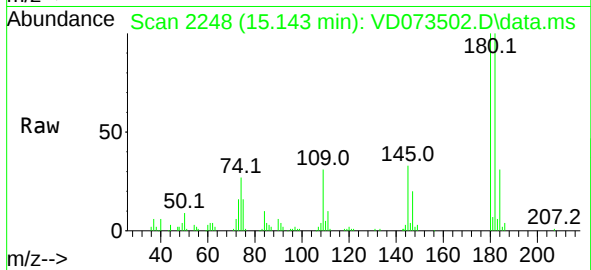
Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
155 88.4 36.8 110.3
157 106.1 48.4 145.0



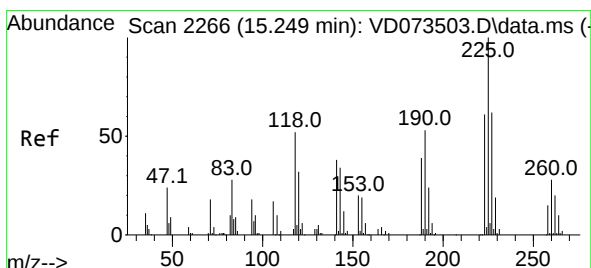
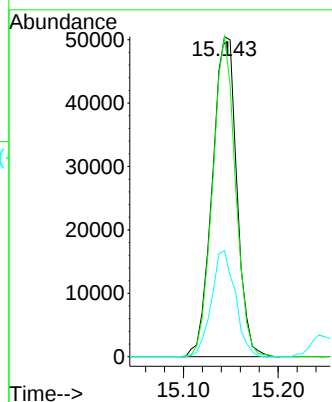
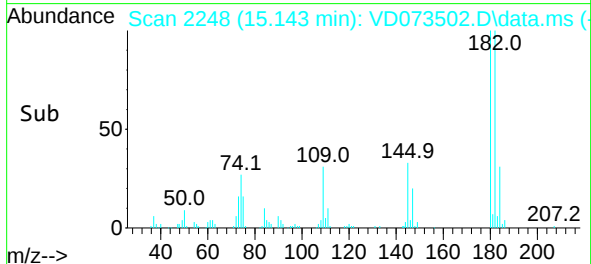


#93
 1,2,4-Trichlorobenzene
 Concen: 18.977 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55

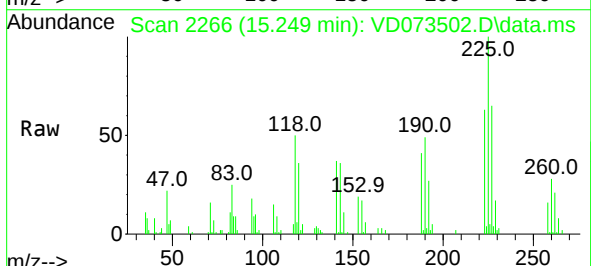
Instrument :
 MSVOA_D
 ClientSampleId :



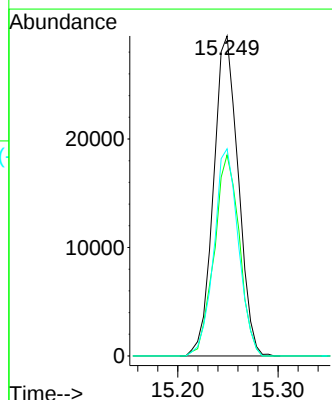
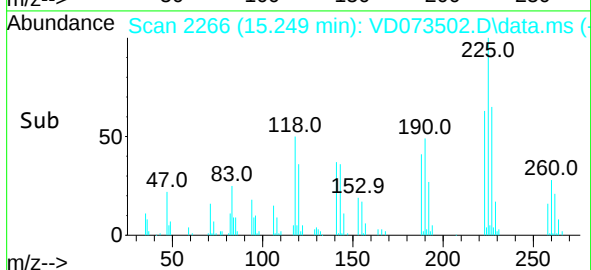
Tgt Ion:180 Resp: 90556
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.3 142.0
 145 32.2 16.2 48.5

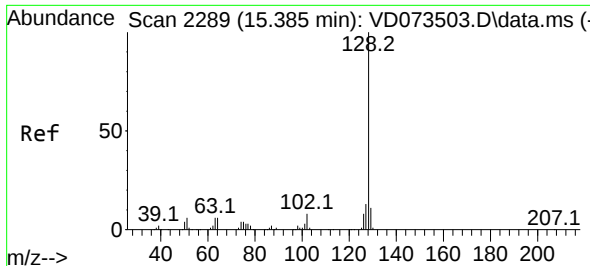


#94
 Hexachlorobutadiene
 Concen: 19.272 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073502.D
 Acq: 09 Jun 2022 10:55



Tgt Ion:225 Resp: 50446
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 64.2 32.4 97.0

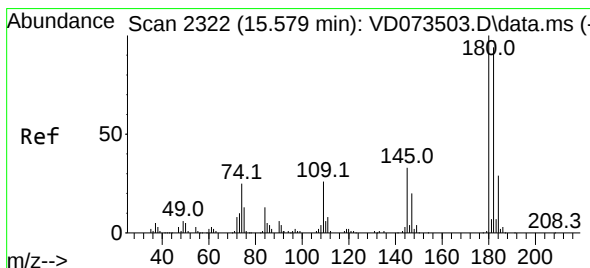
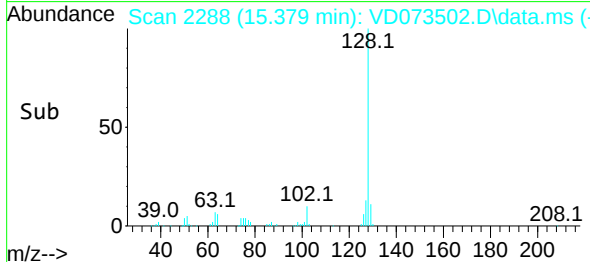
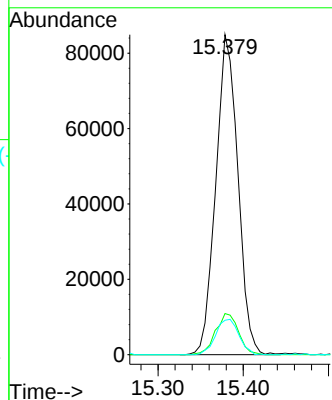
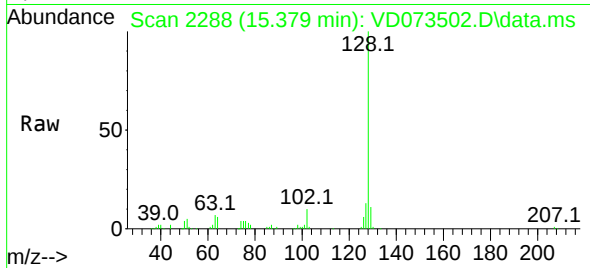




#95
Naphthalene
Concen: 18.707 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 152881
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.574 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073502.D
Acq: 09 Jun 2022 10:55

Tgt Ion:180 Resp: 77392
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.9
145 34.4 17.1 51.3

