

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074572.D
 Acq On : 19 Oct 2022 10:29
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 20 06:17:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	97947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4608	6.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.320%#
35) Dibromofluoromethane	7.810	113	5841	5.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.400%#
50) Toluene-d8	10.269	98	21042	6.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.560%#
62) 4-Bromofluorobenzene	12.575	95	6037	5.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.900%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4469	5.878	ug/l	99
3) Chloromethane	2.146	50	6130	5.956	ug/l #	82
4) Vinyl Chloride	2.287	62	6116	5.374	ug/l	97
5) Bromomethane	2.693	94	5161	5.988	ug/l	96
6) Chloroethane	2.834	64	3887	4.967	ug/l #	87
7) Trichlorofluoromethane	3.181	101	8588	5.323	ug/l	86
8) Diethyl Ether	3.593	74	2142	4.585	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	5214	5.406	ug/l	96
10) Methyl Iodide	4.164	142	4745	4.003	ug/l	99
11) Tert butyl alcohol	5.022	59	7229	57.422	ug/l #	84
12) 1,1-Dichloroethene	3.946	96	5328	5.120	ug/l	86
13) Acrolein	3.793	56	2041	25.483	ug/l	88
14) Allyl chloride	4.563	41	5631	5.011	ug/l	94
15) Acrylonitrile	5.252	53	4630	24.248	ug/l #	91
16) Acetone	4.016	43	4681	28.666	ug/l	98
17) Carbon Disulfide	4.275	76	16616	5.835	ug/l	99
18) Methyl Acetate	4.563	43	3397	6.879	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	9878	4.858	ug/l	97
20) Methylene Chloride	4.805	84	15456	8.946	ug/l #	90
21) trans-1,2-Dichloroethene	5.311	96	6730	5.802	ug/l	97
22) Diisopropyl ether	6.216	45	10721	4.728	ug/l #	93
23) Vinyl Acetate	6.158	43	19311	21.153	ug/l	97
24) 1,1-Dichloroethane	6.116	63	9390	5.335	ug/l #	78
25) 2-Butanone	7.081	43	6451	29.543	ug/l	96
26) 2,2-Dichloropropane	7.081	77	9765	5.805	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	6745	5.243	ug/l	92
28) Bromochloromethane	7.428	49	2389	5.578	ug/l #	99
29) Tetrahydrofuran	7.446	42	2995	25.147	ug/l #	77
30) Chloroform	7.599	83	10105	5.336	ug/l	96
31) Cyclohexane	7.881	56	8891	5.919	ug/l #	69
32) 1,1,1-Trichloroethane	7.793	97	9187	5.290	ug/l	94
36) 1,1-Dichloropropene	8.010	75	7481	4.973	ug/l	96
37) Ethyl Acetate	7.163	43	2293	4.831	ug/l #	69
38) Carbon Tetrachloride	7.987	117	6922	4.699	ug/l #	95
39) Methylcyclohexane	9.275	83	8602	4.786	ug/l	95
40) Benzene	8.252	78	21874	4.900	ug/l	95

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 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 20 06:17:38 2022
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1040	3.521	ug/l #	77
42) 1,2-Dichloroethane	8.322	62	5310	5.154	ug/l	88
43) Isopropyl Acetate	8.357	43	4520	5.124	ug/l #	83
44) Trichloroethene	9.034	130	6892	5.270	ug/l	94
45) 1,2-Dichloropropane	9.304	63	5188	5.295	ug/l	95
46) Dibromomethane	9.393	93	3038	5.373	ug/l	94
47) Bromodichloromethane	9.587	83	6957	4.973	ug/l #	95
48) Methyl methacrylate	9.375	41	2019	5.009	ug/l	90
49) 1,4-Dioxane	9.387	88	494	88.778	ug/l #	55
51) 4-Methyl-2-Pentanone	10.157	43	10978	25.022	ug/l	93
52) Toluene	10.334	92	13499	4.903	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	6245	5.078	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	7835	5.052	ug/l #	91
55) 1,1,2-Trichloroethane	10.740	97	4158	5.353	ug/l	94
56) Ethyl methacrylate	10.593	69	3813	4.491	ug/l	95
57) 1,3-Dichloropropane	10.881	76	6703	5.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	5216	27.713	ug/l	95
59) 2-Hexanone	10.922	43	7490	25.012	ug/l	96
60) Dibromochloromethane	11.075	129	5088	5.434	ug/l	92
61) 1,2-Dibromoethane	11.175	107	3862	5.446	ug/l	96
64) Tetrachloroethene	10.804	164	6037	5.558	ug/l	94
65) Chlorobenzene	11.604	112	15578	5.033	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.687	131	5287	4.972	ug/l	99
67) Ethyl Benzene	11.681	91	25910	4.807	ug/l	95
68) m/p-Xylenes	11.793	106	21011	9.805	ug/l	91
69) o-Xylene	12.122	106	9695	4.861	ug/l	95
70) Styrene	12.134	104	15537	4.626	ug/l	98
71) Bromoform	12.304	173	2907	5.207	ug/l #	96
73) Isopropylbenzene	12.422	105	24790	4.532	ug/l	100
74) N-amyl acetate	12.234	43	3584	4.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	4223	4.877	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	4829	8.366	ug/l #	1
77) Bromobenzene	12.698	156	5910	4.787	ug/l	98
78) n-propylbenzene	12.763	91	29779	4.606	ug/l	99
79) 2-Chlorotoluene	12.851	91	16947	4.839	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	20577	4.634	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	1042	4.348	ug/l	93
82) 4-Chlorotoluene	12.945	91	17426	4.843	ug/l	100
83) tert-Butylbenzene	13.169	119	18194	4.593	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	19749	4.519	ug/l	94
85) sec-Butylbenzene	13.345	105	27873	4.689	ug/l	100
86) p-Isopropyltoluene	13.463	119	21805	4.378	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	11983	4.671	ug/l	92
88) 1,4-Dichlorobenzene	13.539	146	12844	5.114	ug/l	92
89) n-Butylbenzene	13.787	91	20962	4.620	ug/l	98
90) Hexachloroethane	14.051	117	4092	4.721	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	10288	4.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	560	4.676	ug/l	82
93) 1,2,4-Trichlorobenzene	15.104	180	6745	4.778	ug/l	99
94) Hexachlorobutadiene	15.198	225	3687	4.747	ug/l	97
95) Naphthalene	15.328	128	12329	4.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	5626	4.649	ug/l	93

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

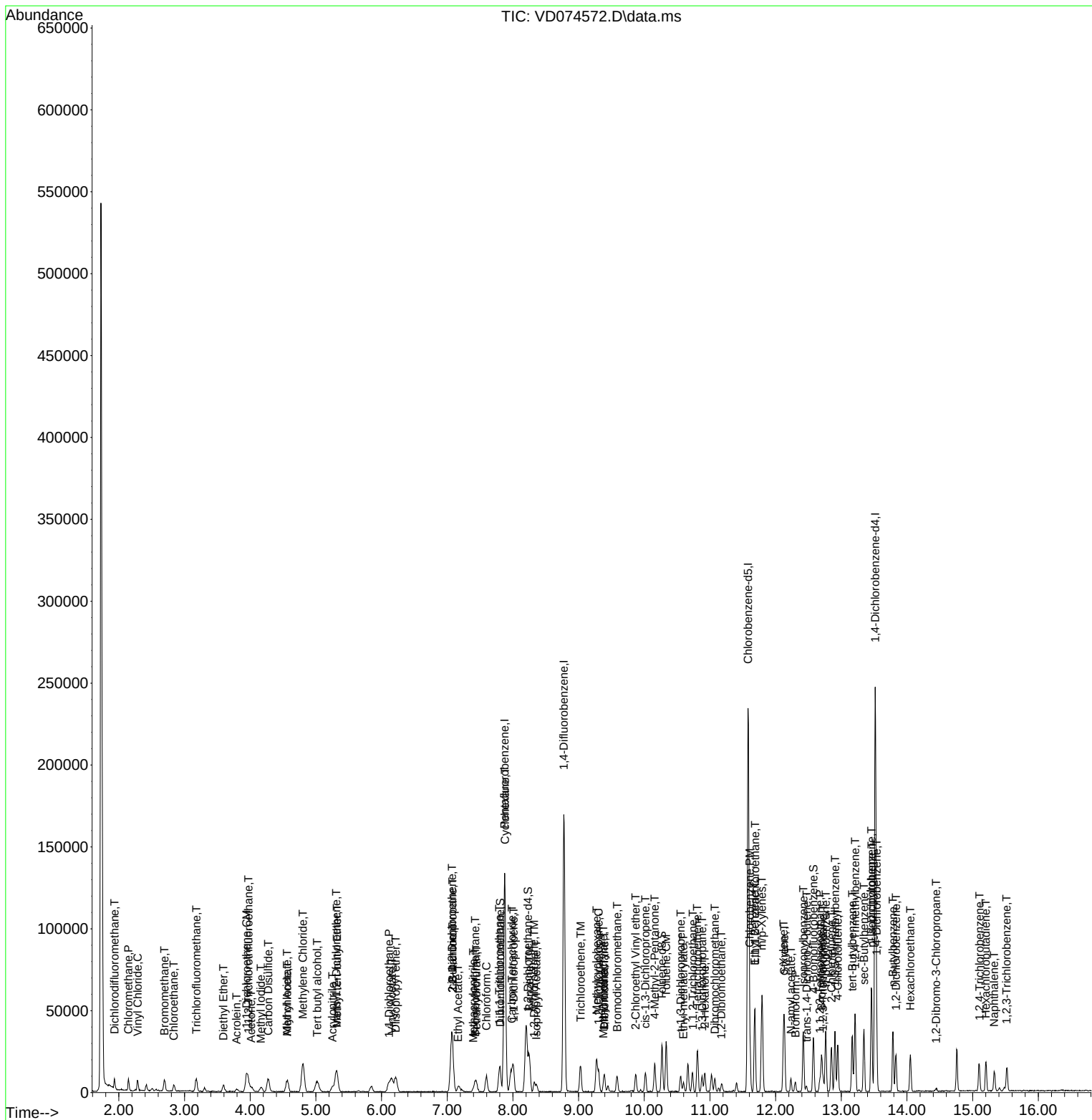
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MSVOA_D
ClientSampleId :
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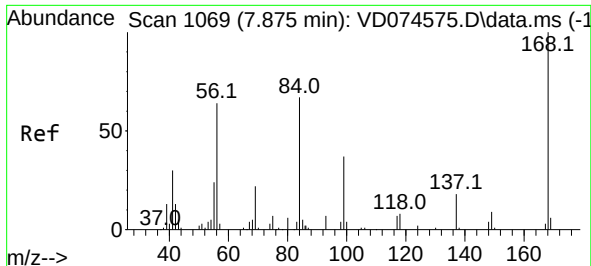
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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:16:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:16:59 2022
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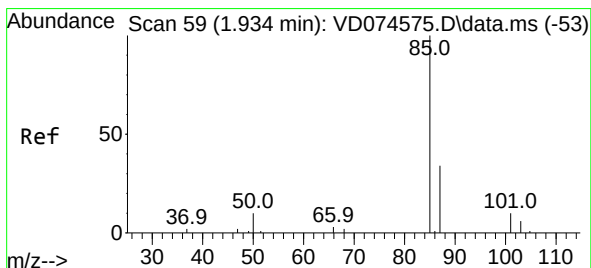
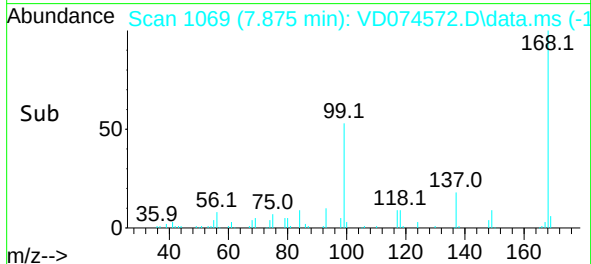
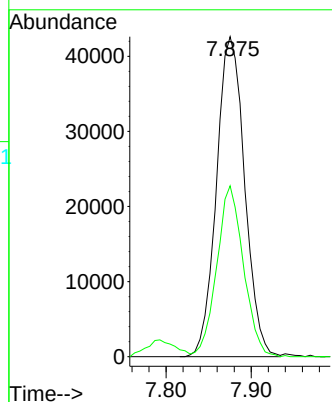
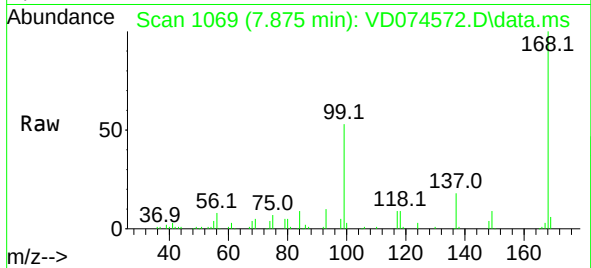




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

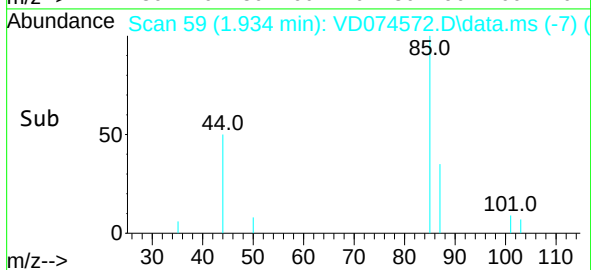
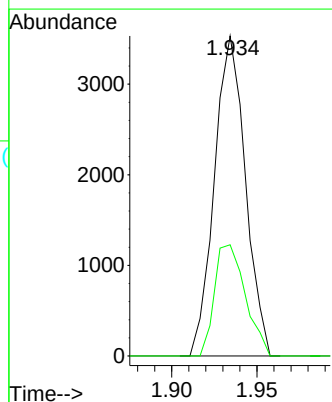
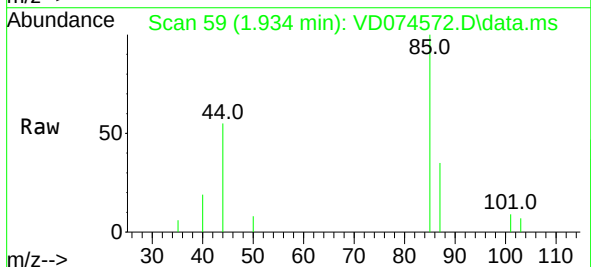
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

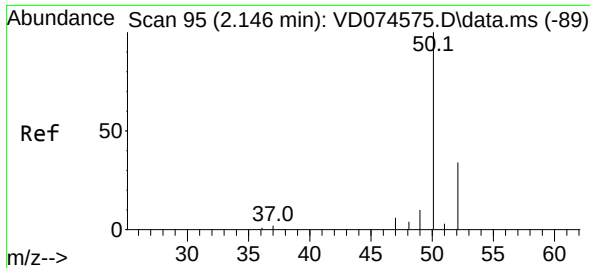
Tgt Ion:168 Resp: 97947
Ion Ratio Lower Upper
168 100
99 53.4 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 5.878 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 85 Resp: 4469
Ion Ratio Lower Upper
85 100
87 34.8 17.5 52.6

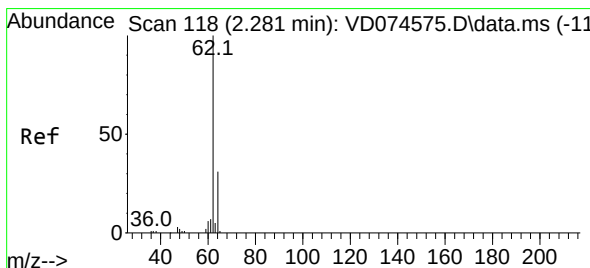
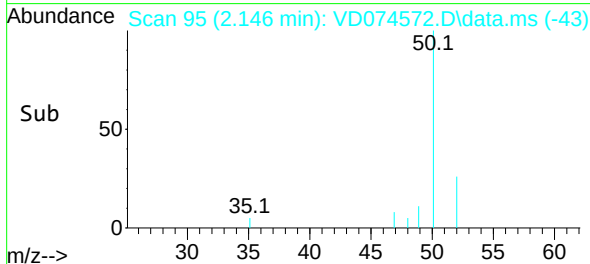
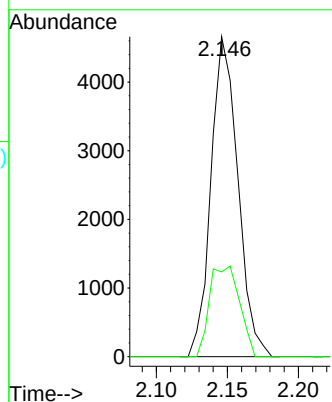
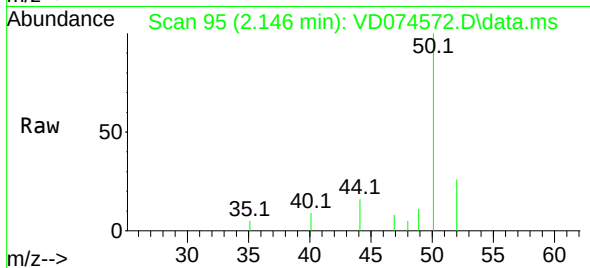




#3
Chloromethane
Concen: 5.956 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

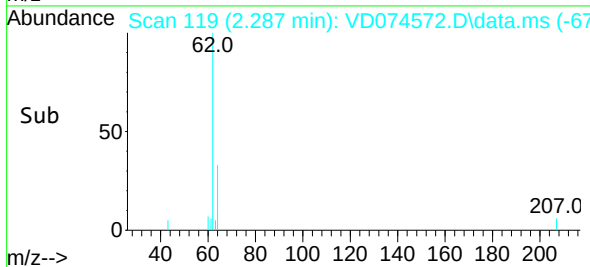
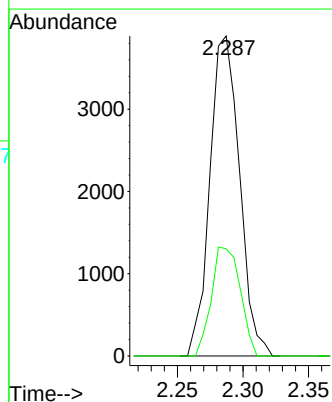
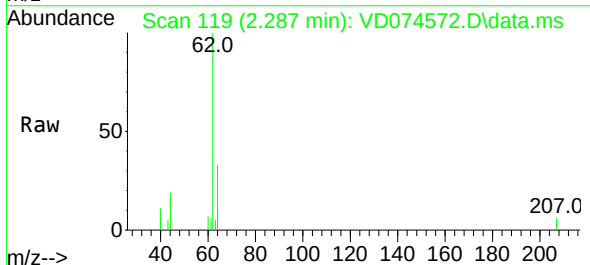
Instrument :
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ClientSampleId :
VSTDICC005

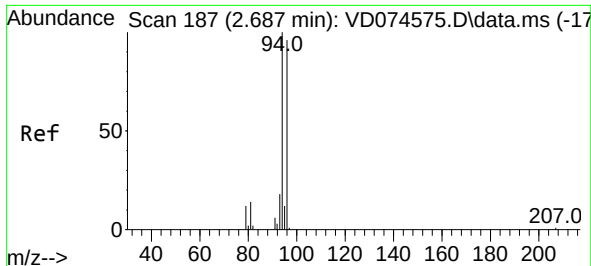
Tgt Ion: 50 Resp: 6130
Ion Ratio Lower Upper
50 100
52 26.5 30.0 45.0#



#4
Vinyl Chloride
Concen: 5.374 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 62 Resp: 6116
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

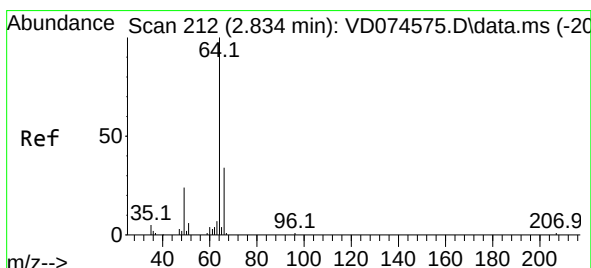
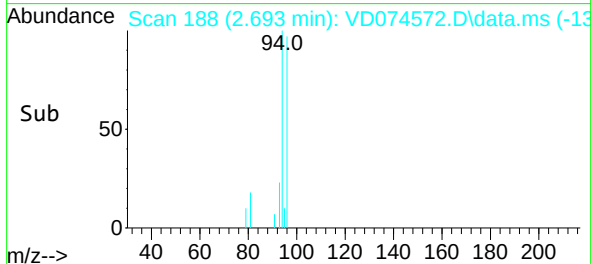
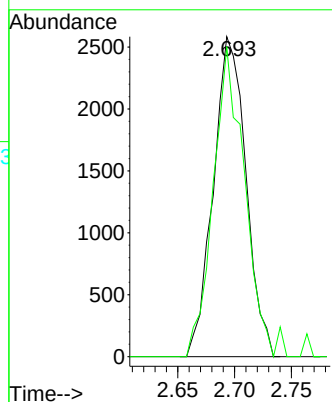
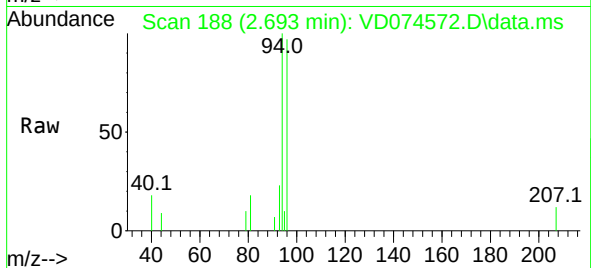




#5
Bromomethane
Concen: 5.988 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.012 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

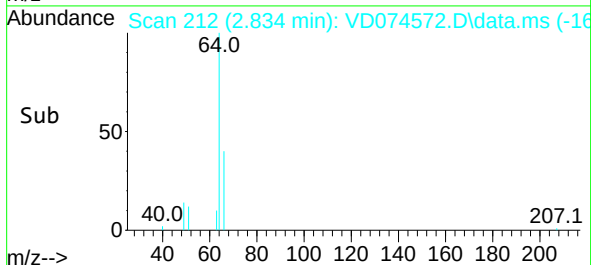
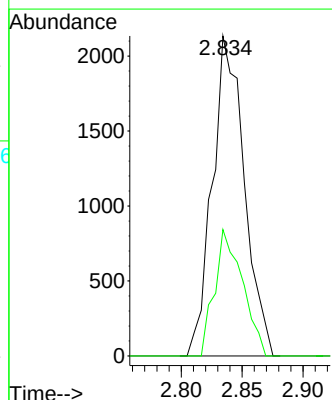
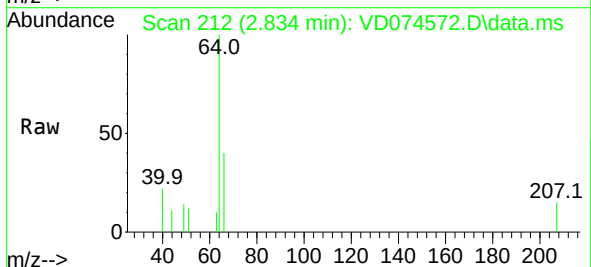
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ClientSampleId :
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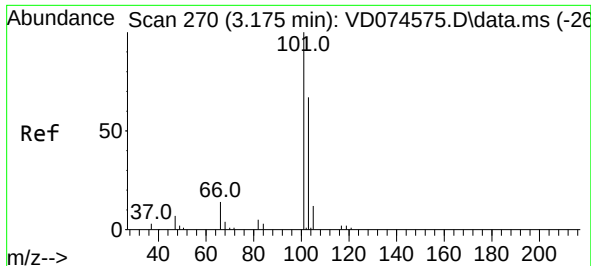
Tgt Ion: 94 Resp: 5161
Ion Ratio Lower Upper
94 100
96 96.9 74.6 112.0



#6
Chloroethane
Concen: 4.967 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 64 Resp: 3887
Ion Ratio Lower Upper
64 100
66 39.5 25.8 38.8#

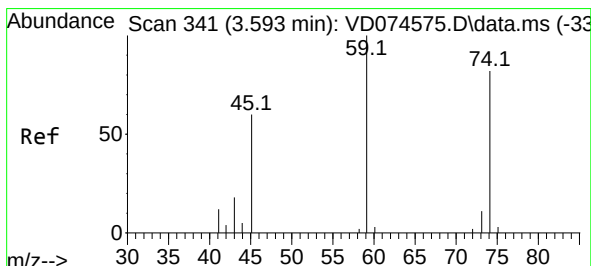
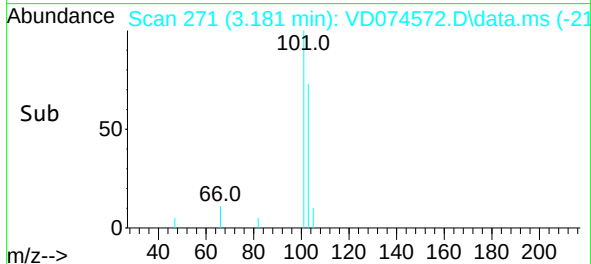
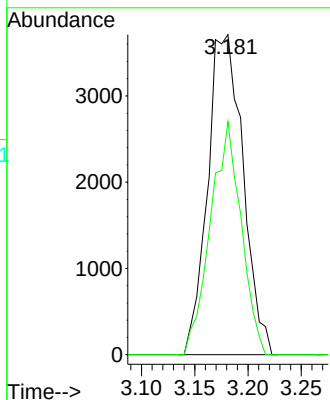
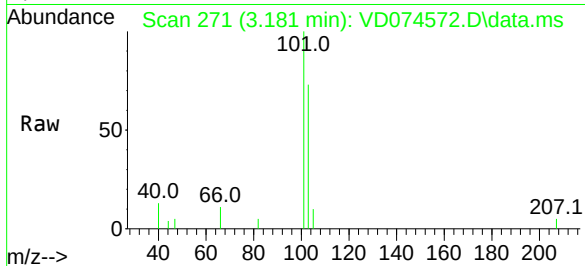




#7
Trichlorofluoromethane
Concen: 5.323 ug/l
RT: 3.181 min Scan# 270
Delta R.T. 0.012 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

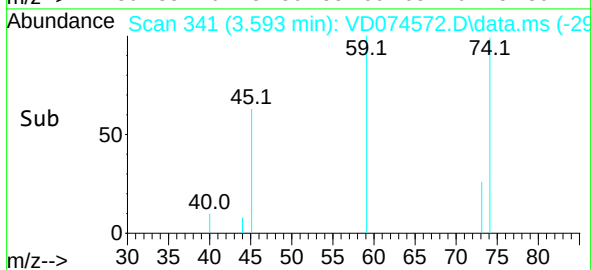
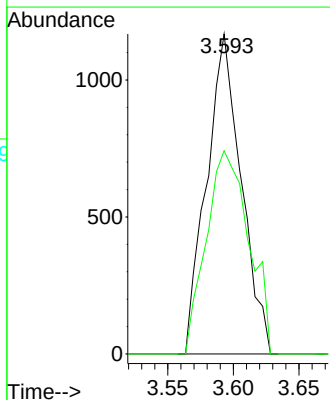
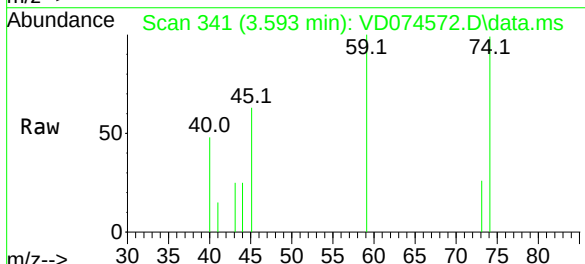
Instrument :
MSVOA_D
ClientSampleId :
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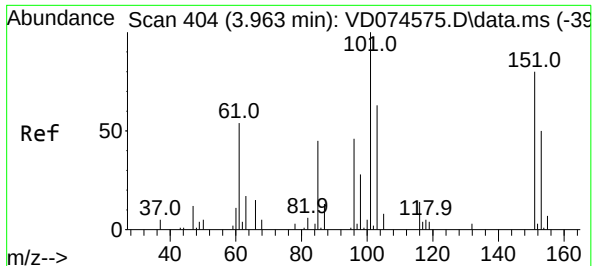
Tgt Ion:101 Resp: 8588
Ion Ratio Lower Upper
101 100
103 72.8 49.8 74.8



#8
Diethyl Ether
Concen: 4.585 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 74 Resp: 2142
Ion Ratio Lower Upper
74 100
45 78.2 37.9 113.6

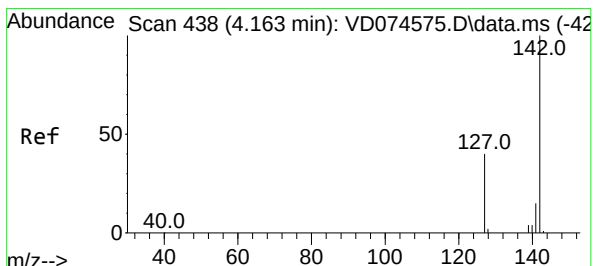
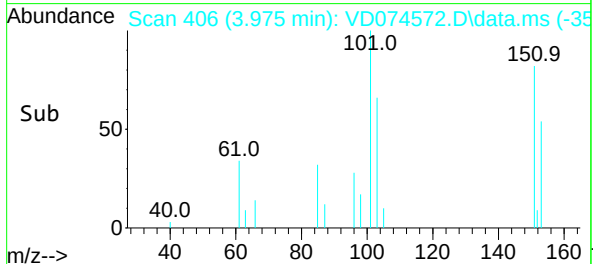
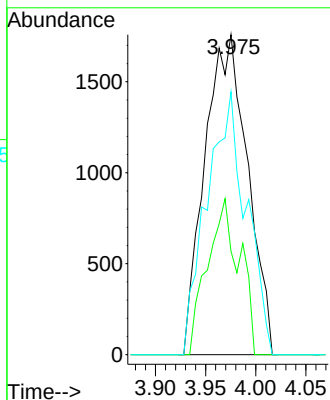
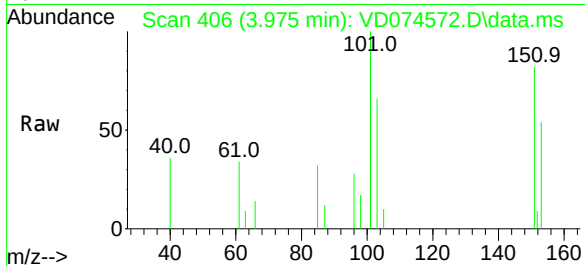




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.406 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

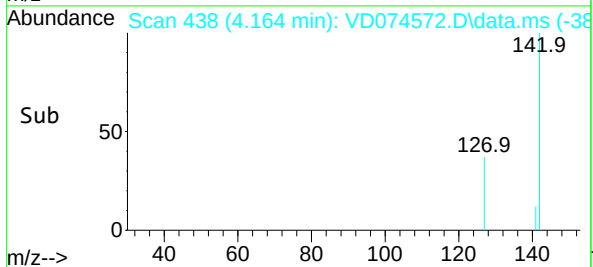
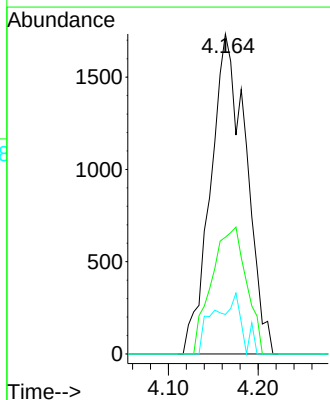
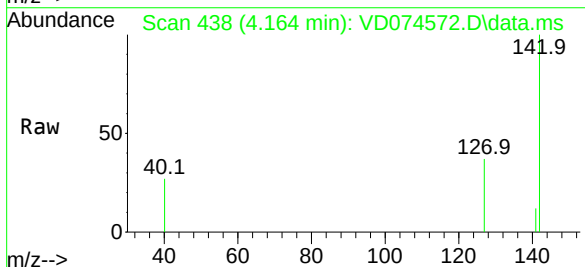
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

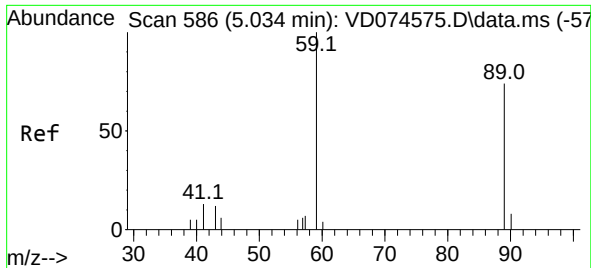
Tgt Ion:101 Resp: 5214
Ion Ratio Lower Upper
101 100
85 36.7 34.1 51.1
151 75.8 61.7 92.5



#10
Methyl Iodide
Concen: 4.003 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:142 Resp: 4745
Ion Ratio Lower Upper
142 100
127 39.1 31.9 47.9
141 14.9 11.4 17.2

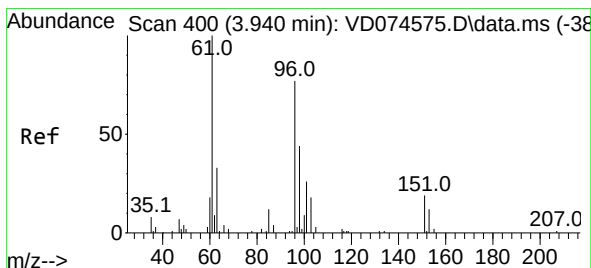
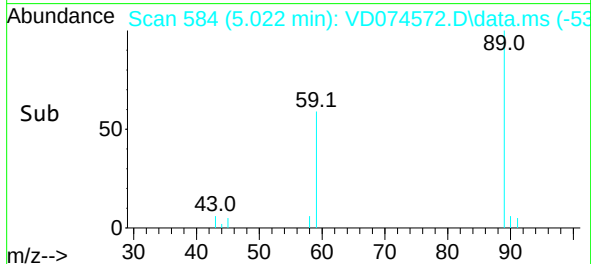
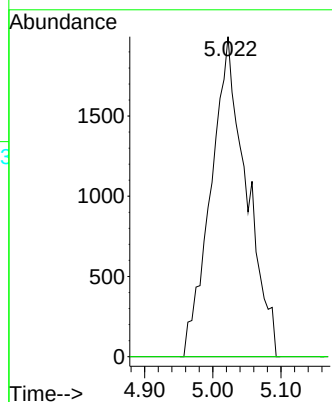
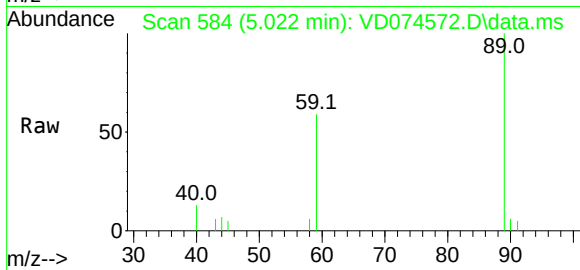




#11
Tert butyl alcohol
Concen: 57.422 ug/l
RT: 5.022 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

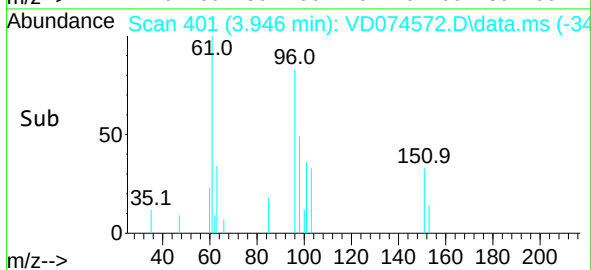
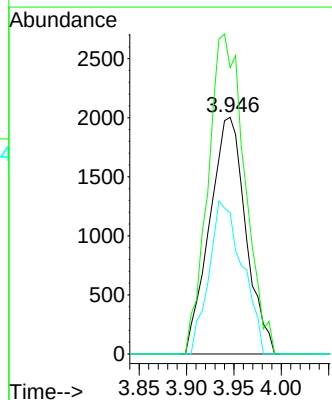
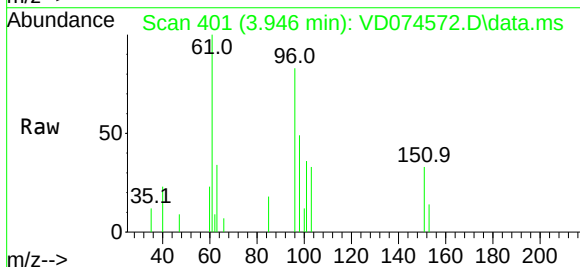
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

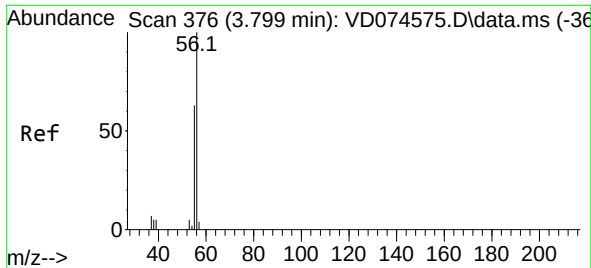
Tgt Ion: 59 Resp: 7229
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 5.120 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.012 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 96 Resp: 5328
Ion Ratio Lower Upper
96 100
61 121.0 113.9 170.9
98 59.7 51.8 77.8





#13

Acrolein

Concen: 25.483 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

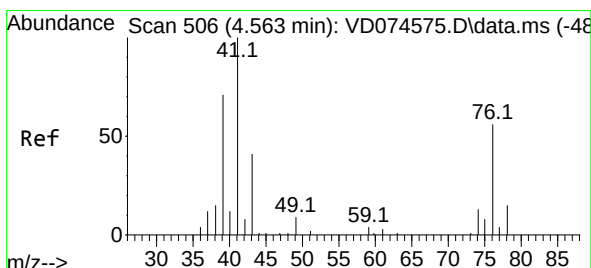
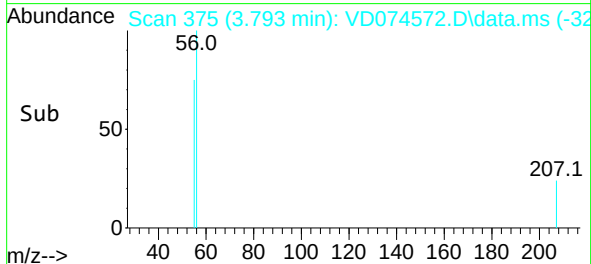
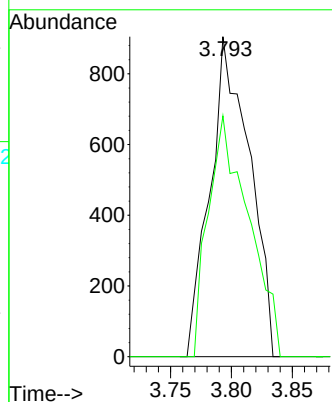
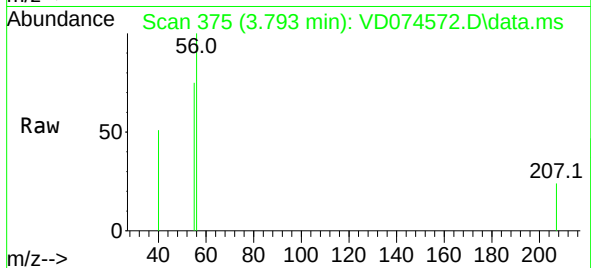
VSTDIC005

Tgt Ion: 56 Resp: 2041

Ion Ratio Lower Upper

56 100

55 77.0 54.0 81.0



#14

Allyl chloride

Concen: 5.011 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.011 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

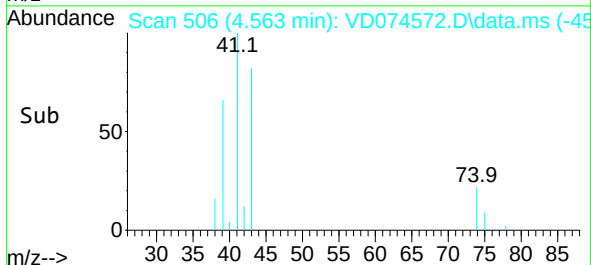
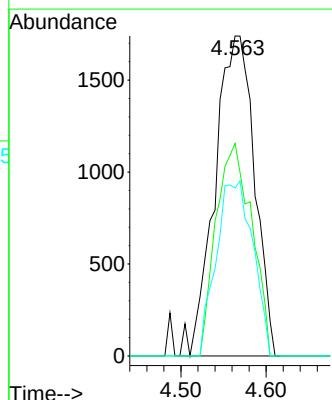
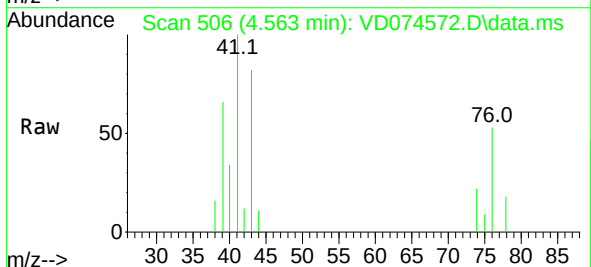
Tgt Ion: 41 Resp: 5631

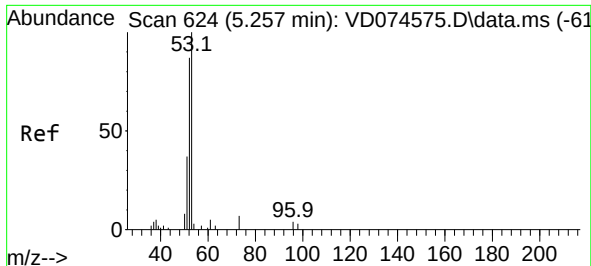
Ion Ratio Lower Upper

41 100

39 59.8 53.4 80.2

76 50.6 42.4 63.6

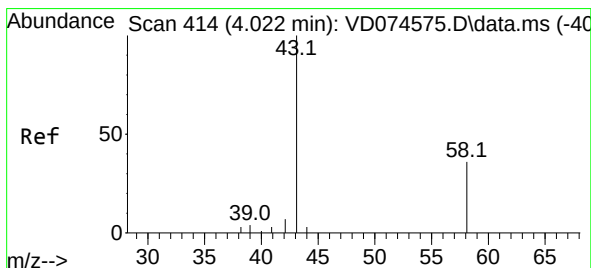
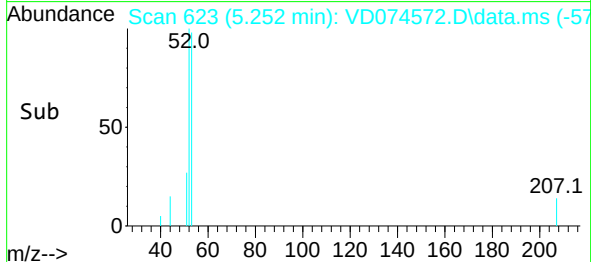
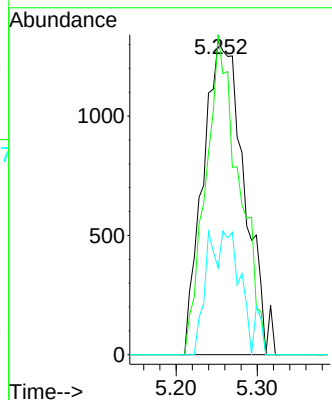
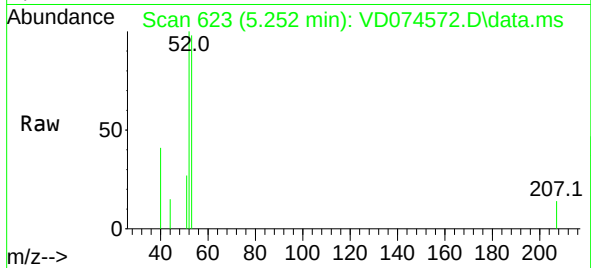




#15
Acrylonitrile
Concen: 24.248 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

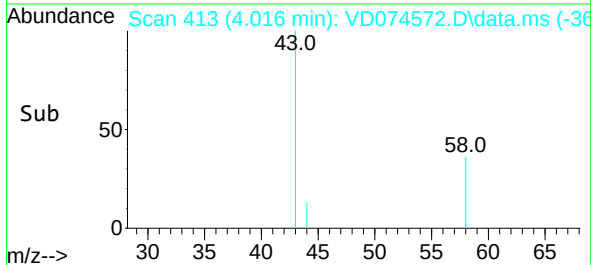
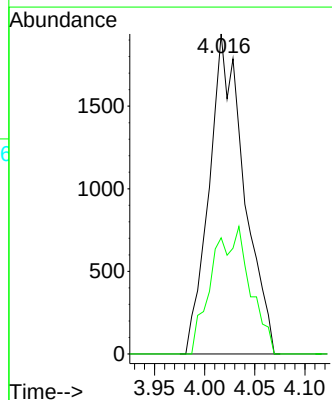
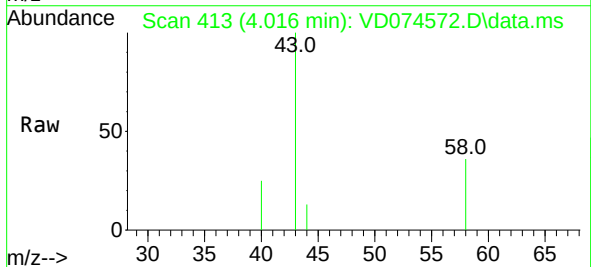
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

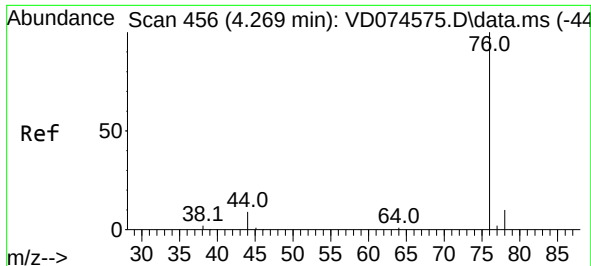
Tgt Ion: 53 Resp: 4630
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 18.0 28.3 42.5#



#16
Acetone
Concen: 28.666 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 43 Resp: 4681
Ion Ratio Lower Upper
43 100
58 36.3 30.2 45.2

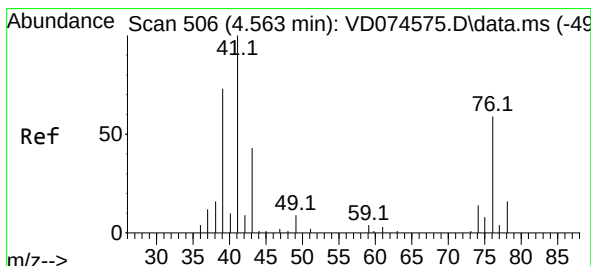
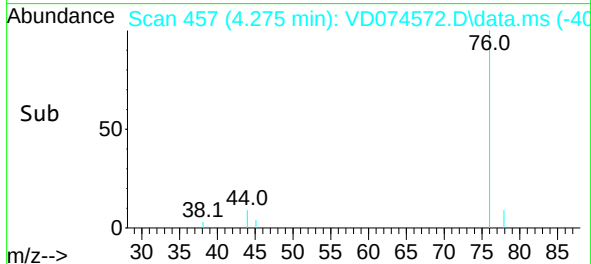
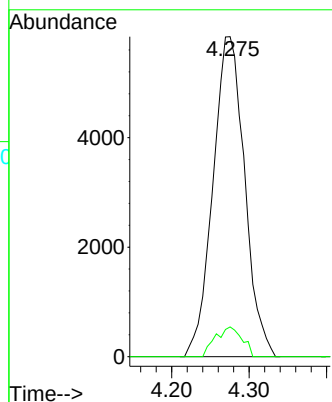
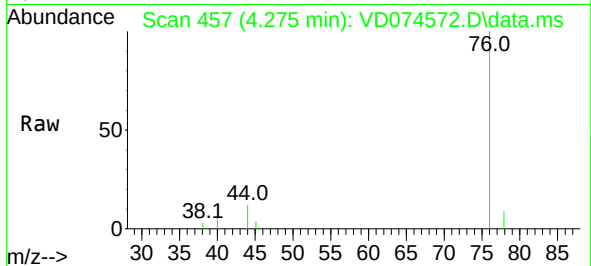




#17
Carbon Disulfide
Concen: 5.835 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

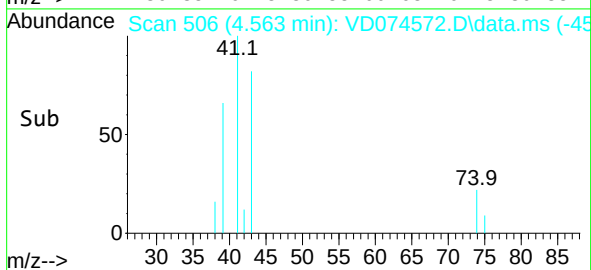
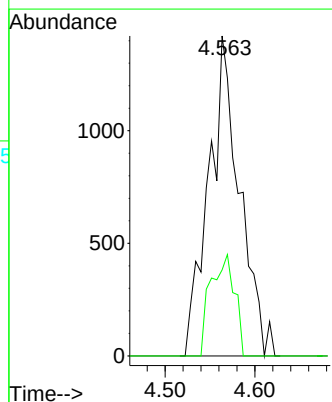
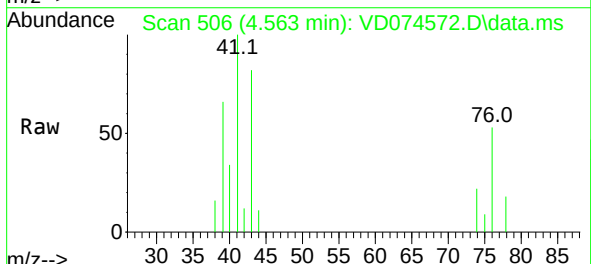
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

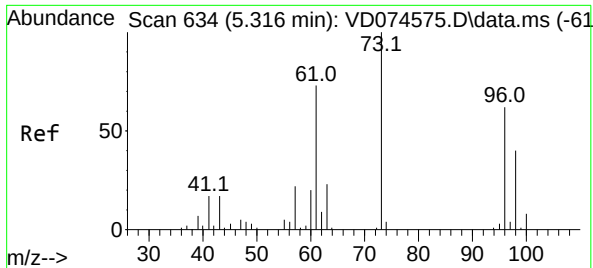
Tgt Ion: 76 Resp: 16616
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8



#18
Methyl Acetate
Concen: 6.879 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 43 Resp: 3397
Ion Ratio Lower Upper
43 100
74 24.6 24.7 37.1#

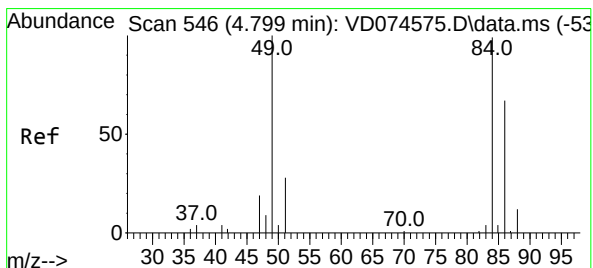
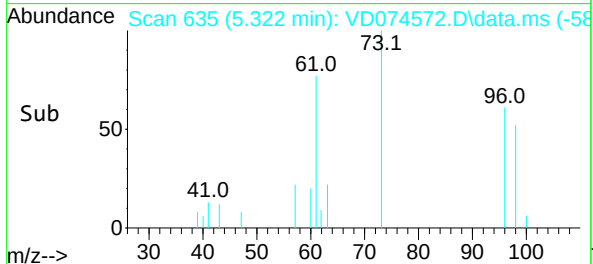
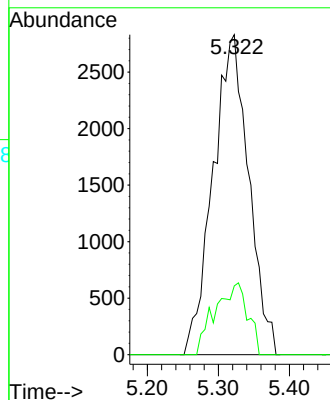
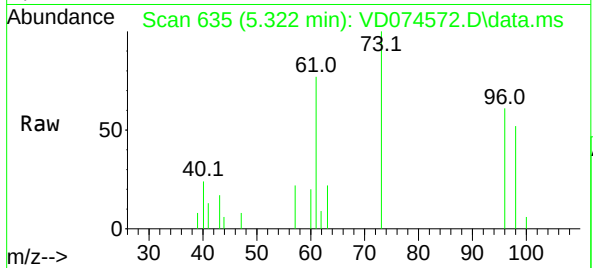




#19
Methyl tert-butyl Ether
Concen: 4.858 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

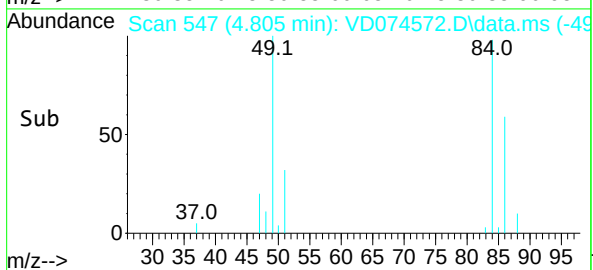
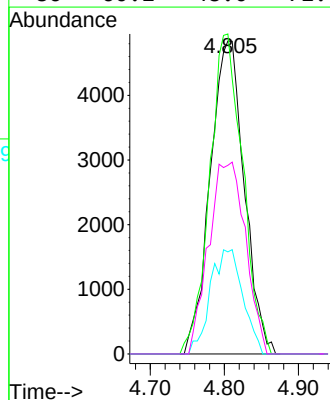
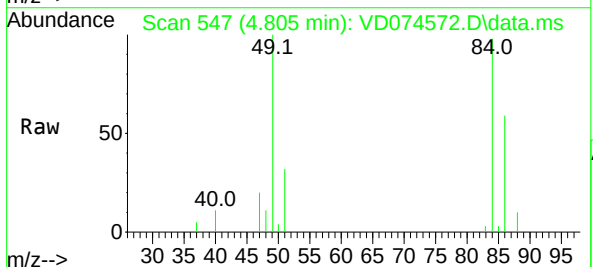
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

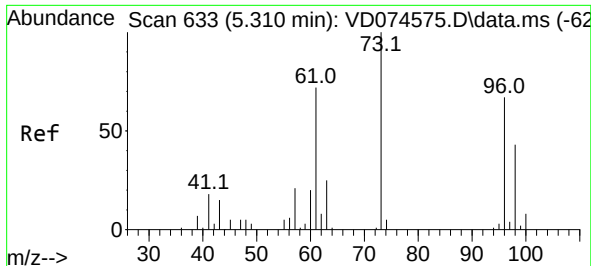
Tgt Ion: 73 Resp: 9878
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



#20
Methylene Chloride
Concen: 8.946 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 84 Resp: 15456
Ion Ratio Lower Upper
84 100
49 102.2 68.0 102.0#
51 32.6 23.2 34.8
86 60.2 48.0 72.0

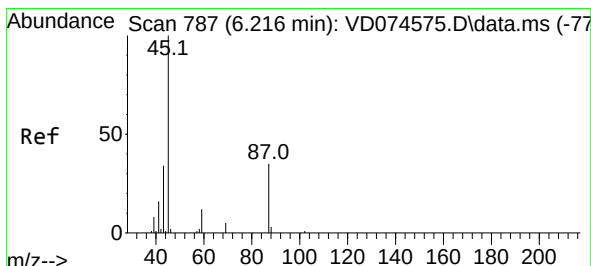
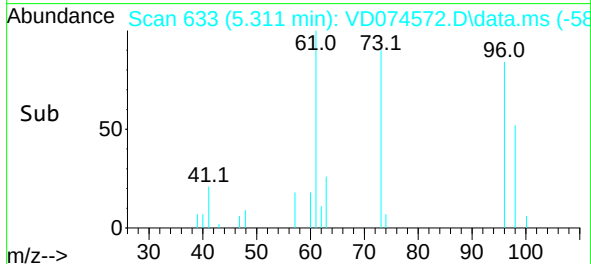
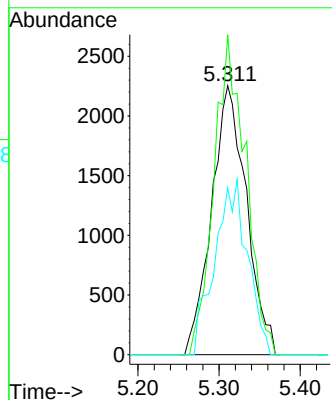
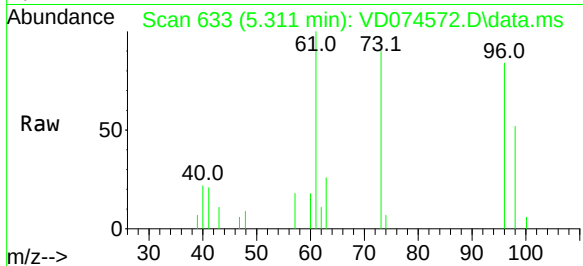




#21
trans-1,2-Dichloroethene
Concen: 5.802 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

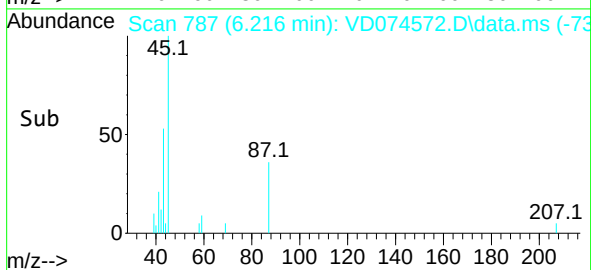
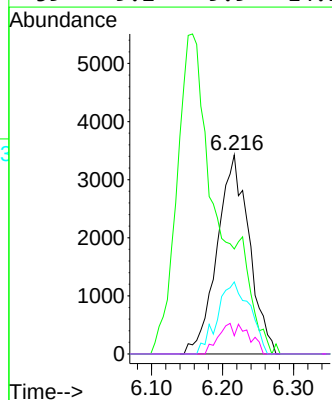
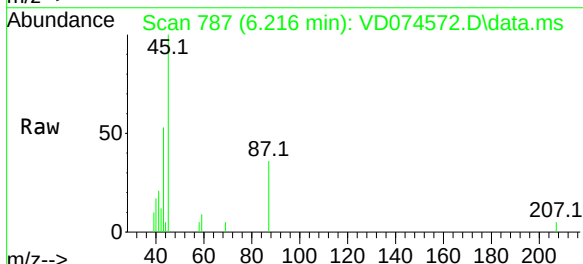
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

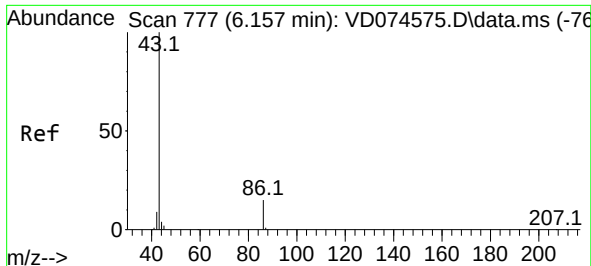
Tgt Ion: 96 Resp: 6730
Ion Ratio Lower Upper
96 100
61 119.0 95.7 143.5
98 62.0 54.8 82.2



#22
Diisopropyl ether
Concen: 4.728 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 45 Resp: 10721
Ion Ratio Lower Upper
45 100
43 52.8 37.8 56.6
87 36.2 26.6 40.0
59 9.2 9.9 14.9#

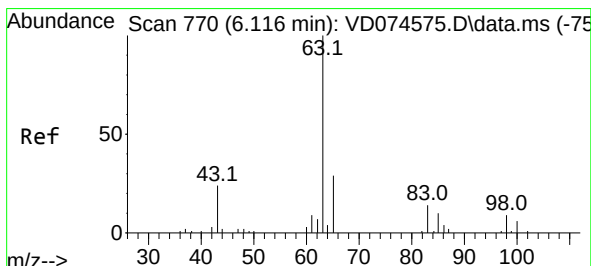
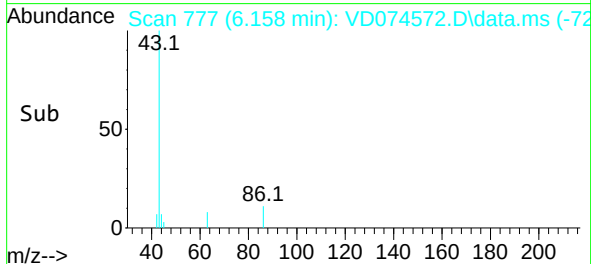
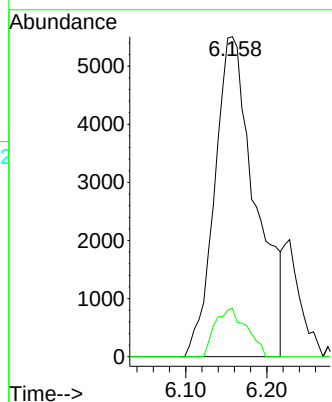
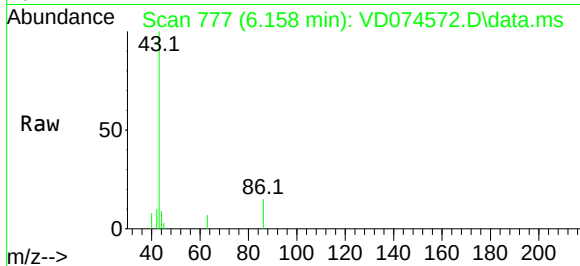




#23
 Vinyl Acetate
 Concen: 21.153 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

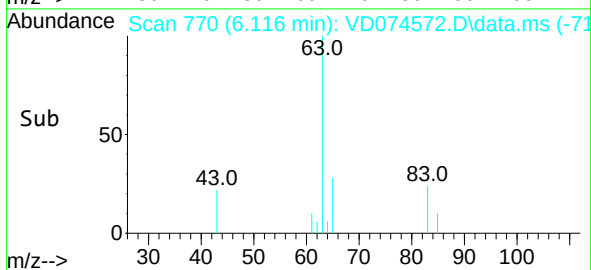
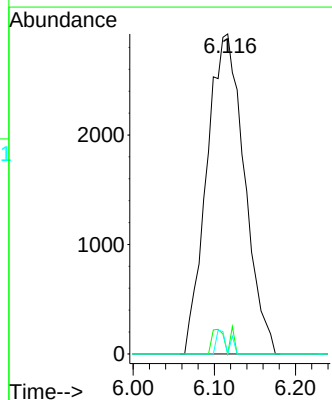
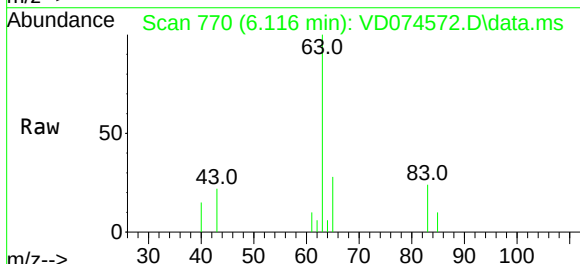
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

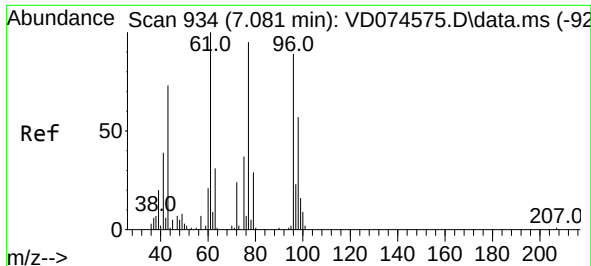
Tgt Ion: 43 Resp: 19311
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 5.335 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

Tgt Ion: 63 Resp: 9390
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.6 13.8#
 100 0.0 2.9 8.6#

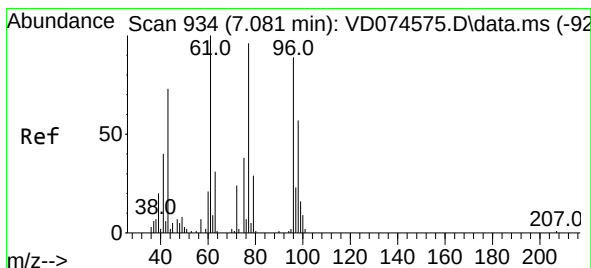
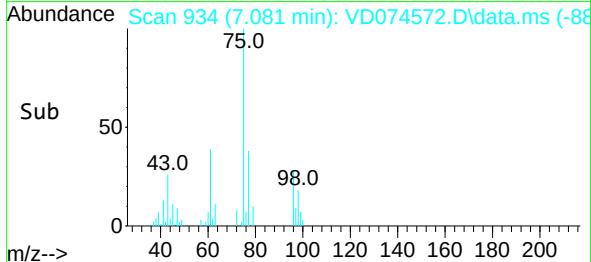
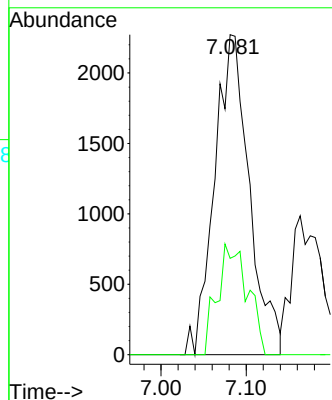
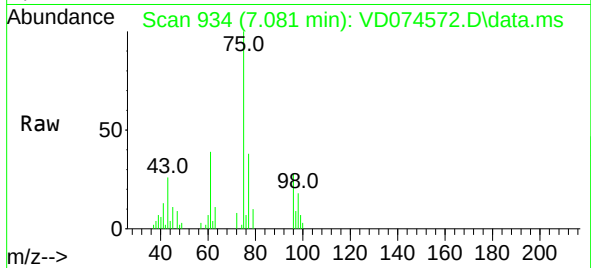




#25
2-Butanone
Concen: 29.543 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

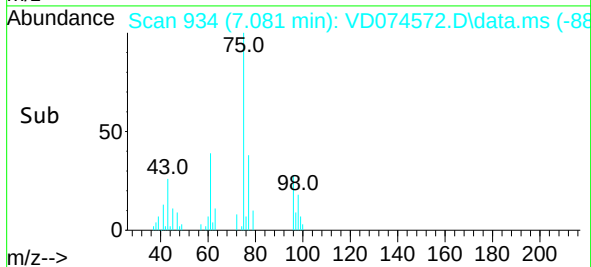
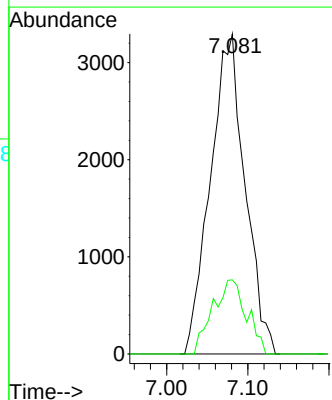
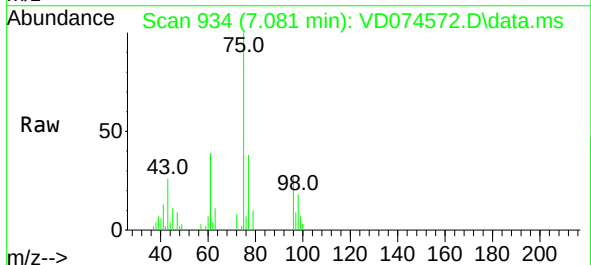
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

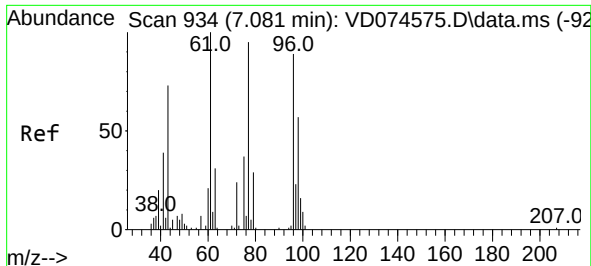
Tgt Ion: 43 Resp: 6451
Ion Ratio Lower Upper
43 100
72 30.1 25.8 38.8



#26
2,2-Dichloropropane
Concen: 5.805 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 77 Resp: 9765
Ion Ratio Lower Upper
77 100
97 22.7 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 5.243 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

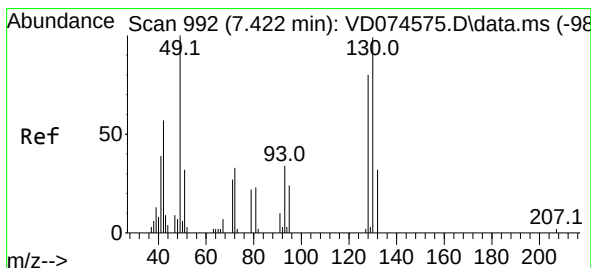
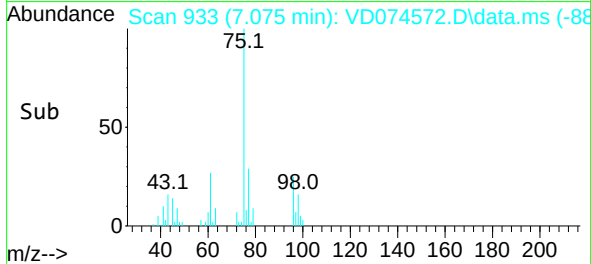
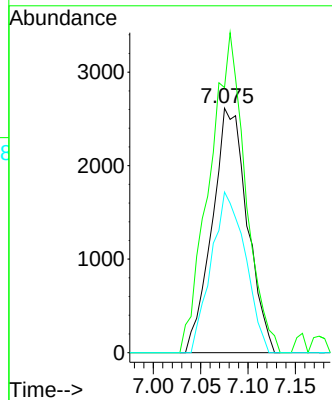
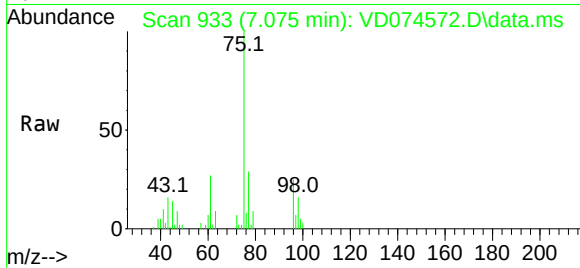
Tgt Ion: 96 Resp: 6745

Ion Ratio Lower Upper

96 100

61 134.4 0.0 242.4

98 63.6 0.0 130.0



#28

Bromochloromethane

Concen: 5.578 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

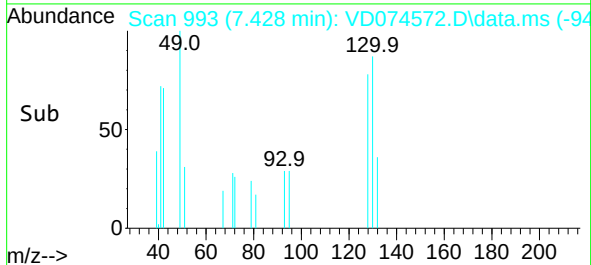
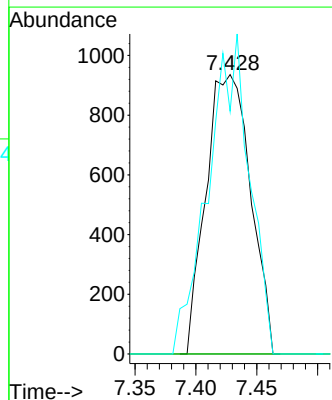
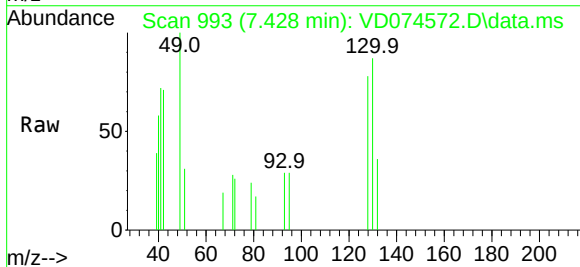
Tgt Ion: 49 Resp: 2389

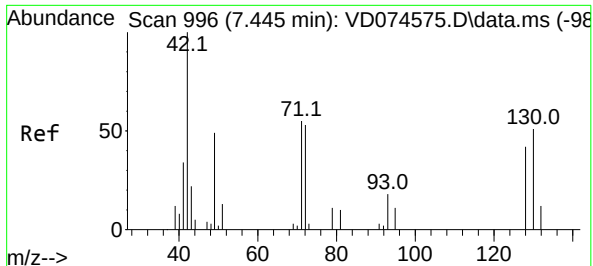
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 105.7 84.1 126.1





#29

Tetrahydrofuran

Concen: 25.147 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

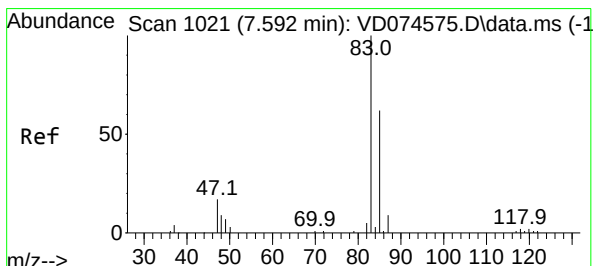
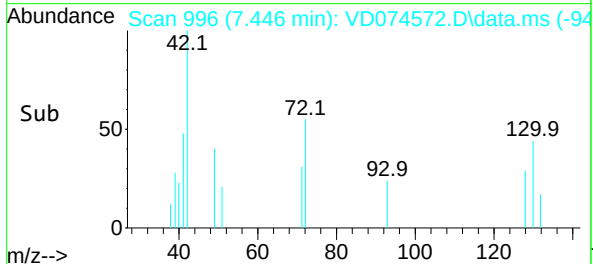
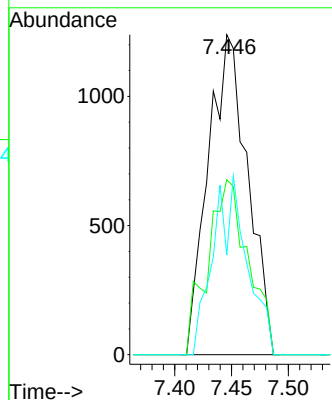
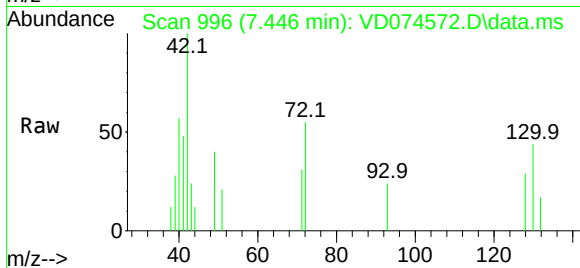
Tgt Ion: 42 Resp: 2995

Ion Ratio Lower Upper

42 100

72 56.4 45.8 68.6

71 22.2 44.6 66.8#



#30

Chloroform

Concen: 5.336 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD074572.D

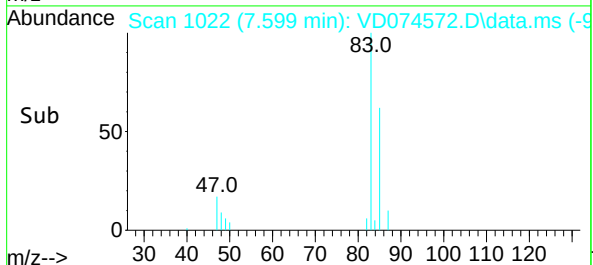
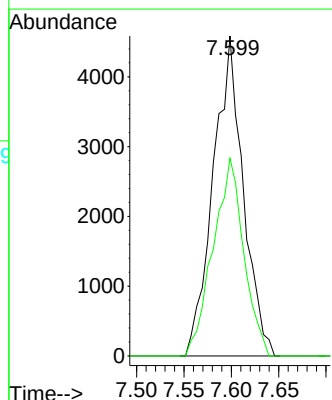
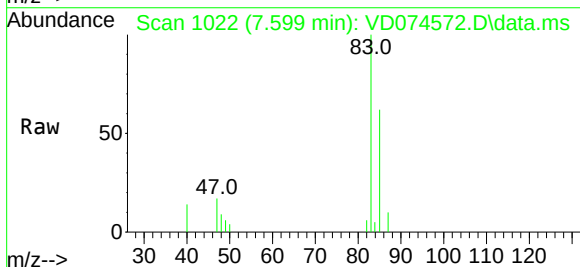
Acq: 19 Oct 2022 10:29

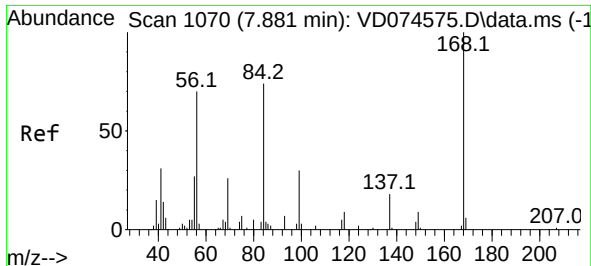
Tgt Ion: 83 Resp: 10105

Ion Ratio Lower Upper

83 100

85 61.7 52.0 78.0

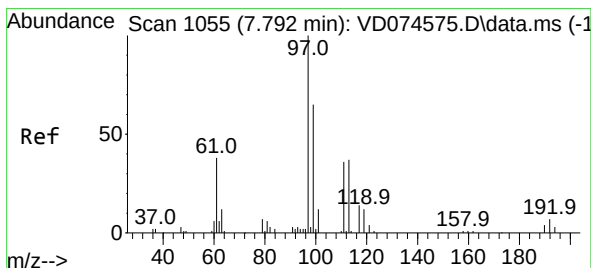
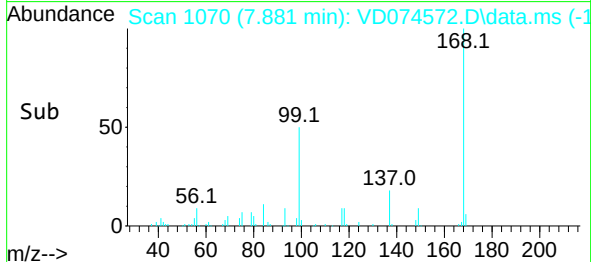
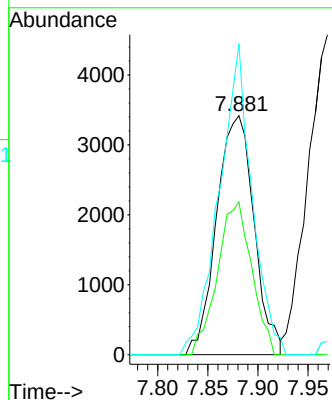
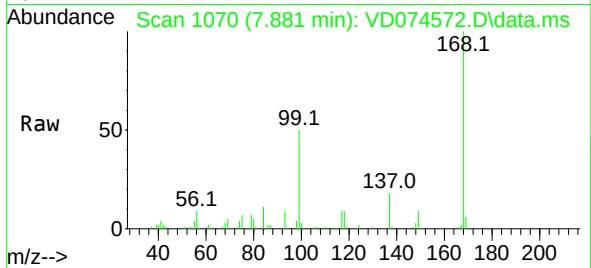




#31
Cyclohexane
Concen: 5.919 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

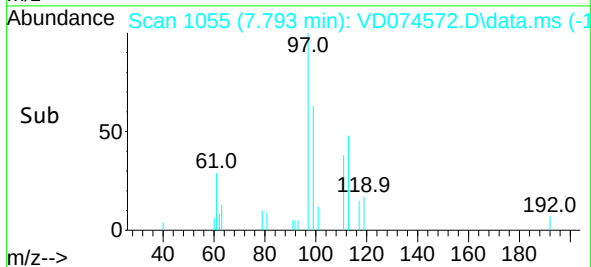
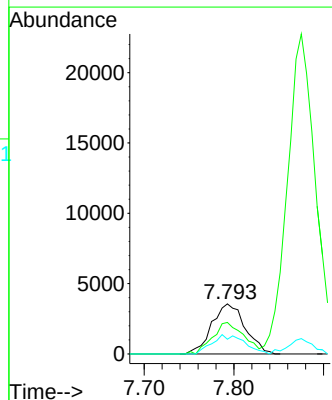
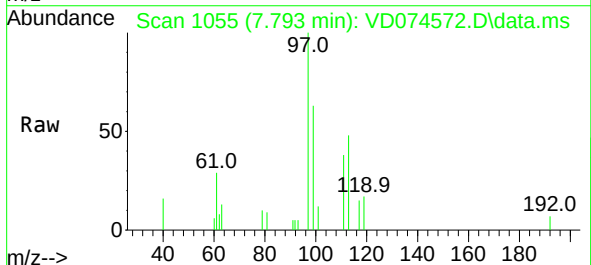
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

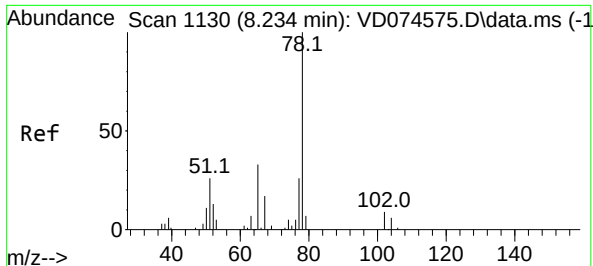
Tgt Ion: 56 Resp: 8891
Ion Ratio Lower Upper
56 100
69 63.9 29.2 43.8#
84 130.0 83.4 125.2#



#32
1,1,1-Trichloroethane
Concen: 5.290 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 97 Resp: 9187
Ion Ratio Lower Upper
97 100
99 59.0 53.3 79.9
61 37.2 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 6.162 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

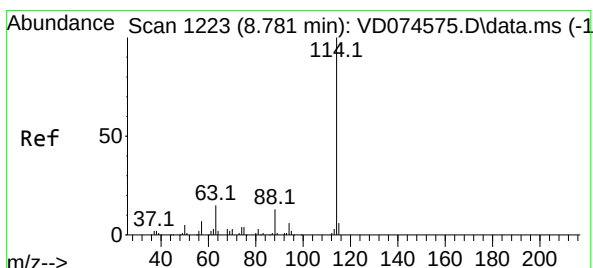
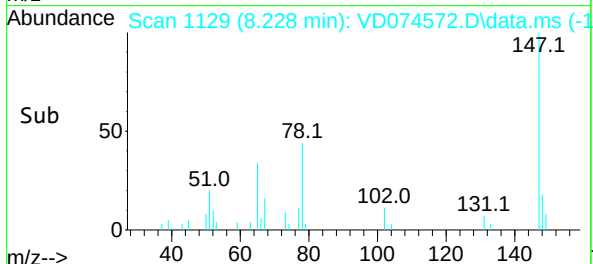
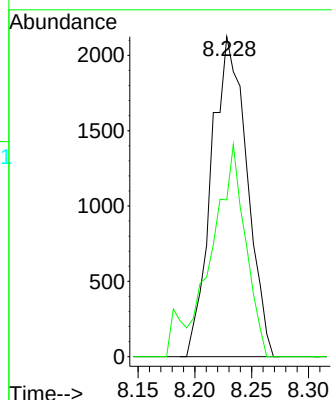
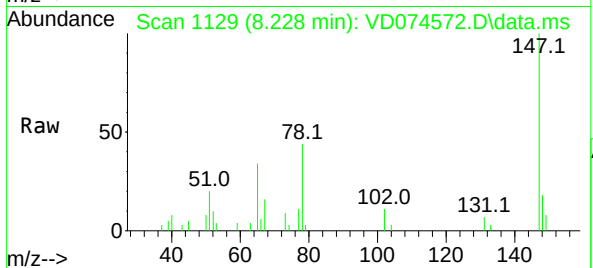
VSTDIC005

Tgt Ion: 65 Resp: 4608

Ion Ratio Lower Upper

65 100

67 65.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

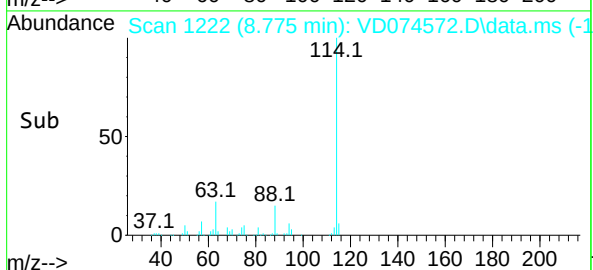
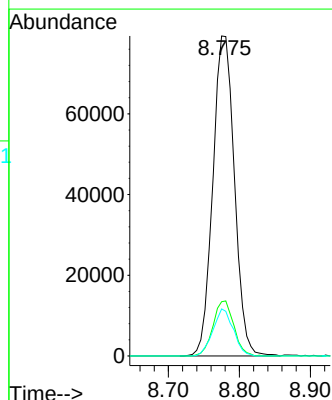
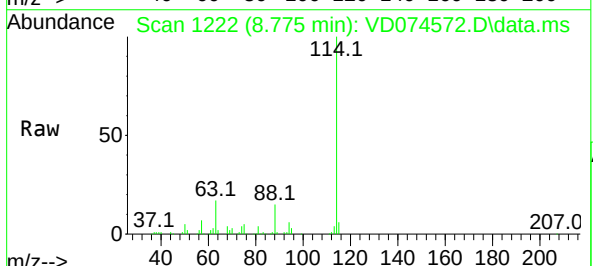
Tgt Ion: 114 Resp: 167453

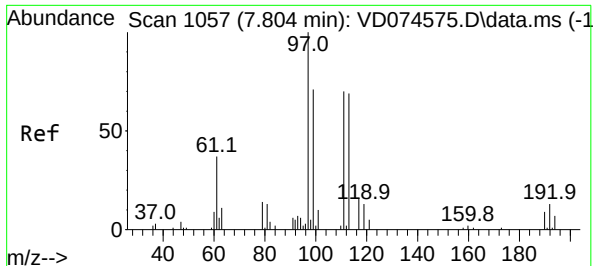
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 14.7 0.0 28.2





#35

Dibromofluoromethane

Concen: 5.695 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

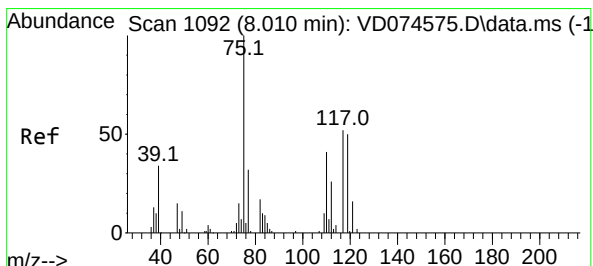
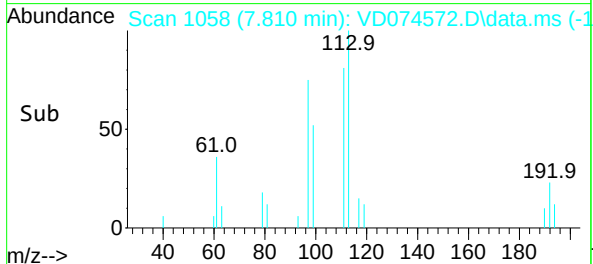
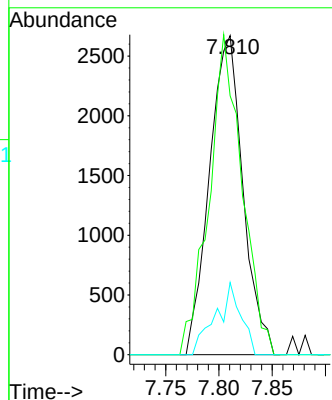
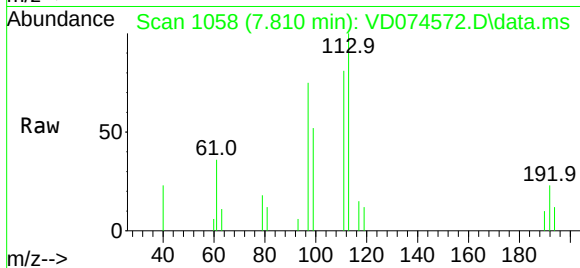
Tgt Ion:113 Resp: 5841

Ion Ratio Lower Upper

113 100

111 98.5 82.3 123.5

192 17.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

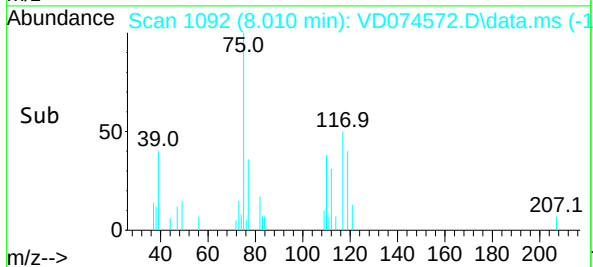
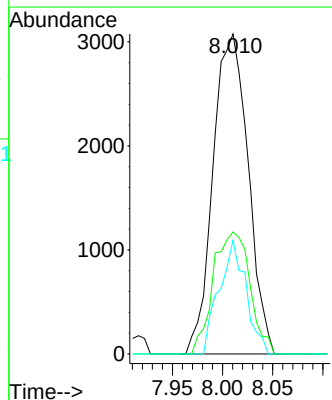
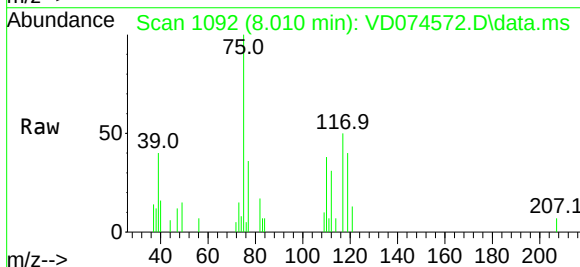
Tgt Ion: 75 Resp: 7481

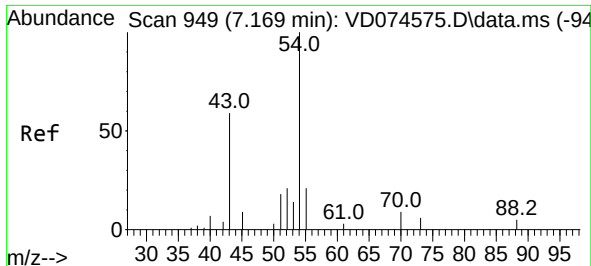
Ion Ratio Lower Upper

75 100

110 39.9 19.7 59.0

77 27.1 25.4 38.2





#37

Ethyl Acetate

Concen: 4.831 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

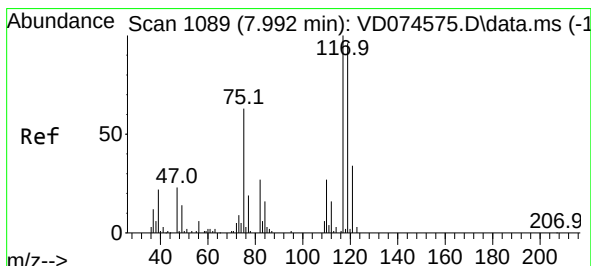
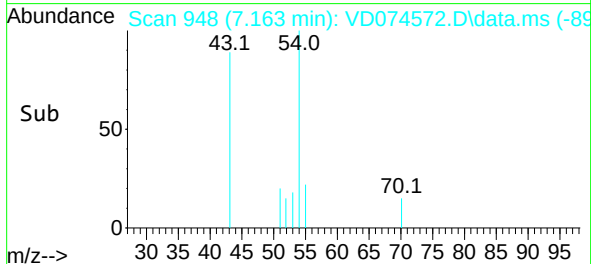
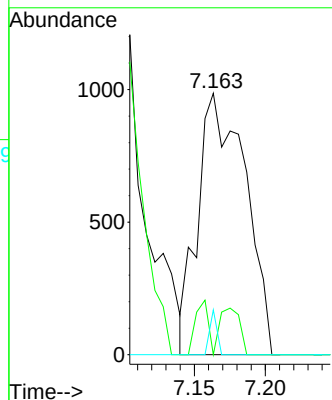
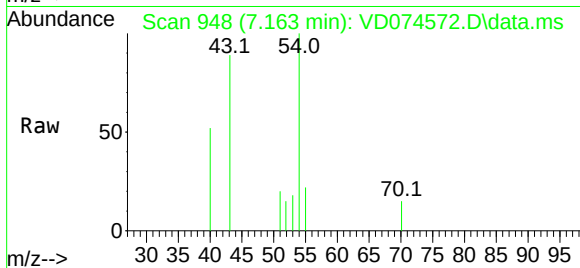
Tgt Ion: 43 Resp: 2293

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 2.6 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 4.699 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

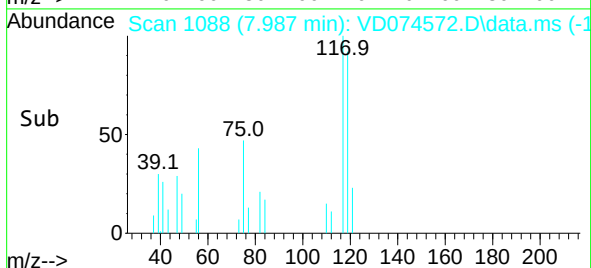
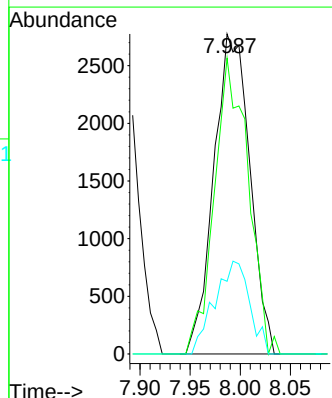
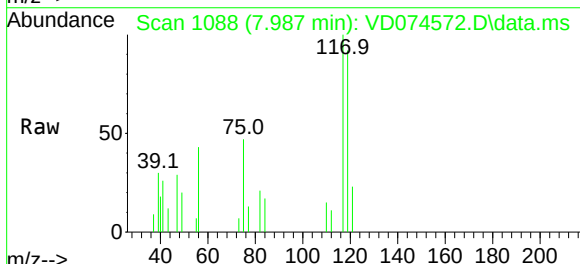
Tgt Ion: 117 Resp: 6922

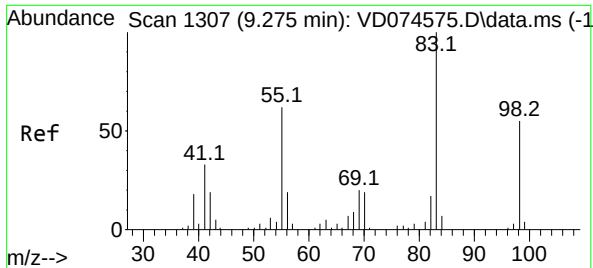
Ion Ratio Lower Upper

117 100

119 92.4 73.1 109.7

121 22.7 25.0 37.6#





#39

Methylcyclohexane

Concen: 4.786 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

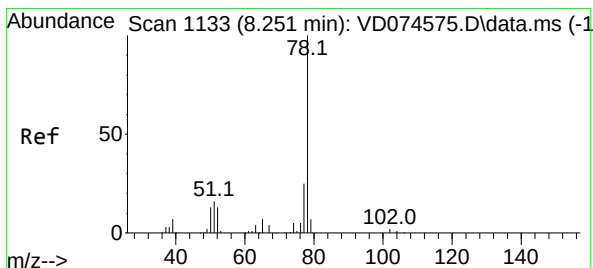
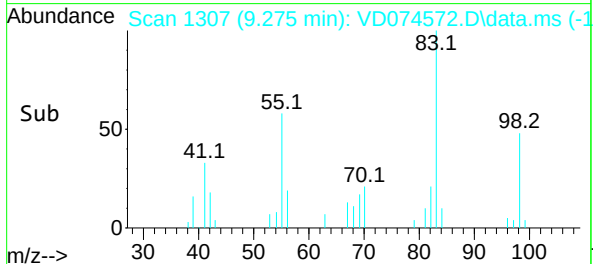
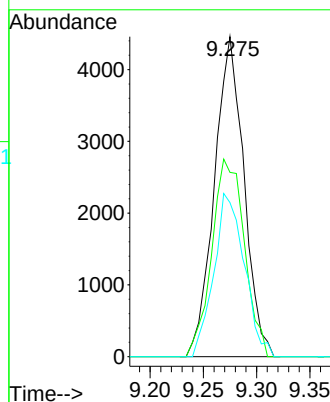
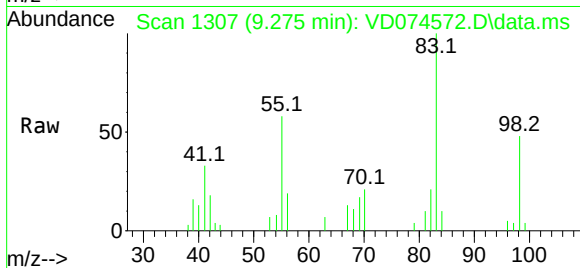
Tgt Ion: 83 Resp: 8602

Ion Ratio Lower Upper

83 100

55 57.6 49.0 73.4

98 48.2 41.7 62.5



#40

Benzene

Concen: 4.900 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074572.D

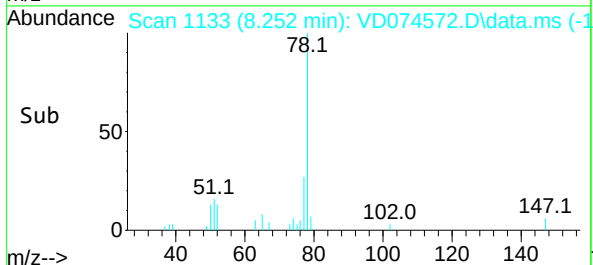
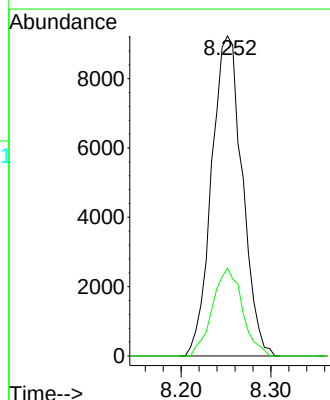
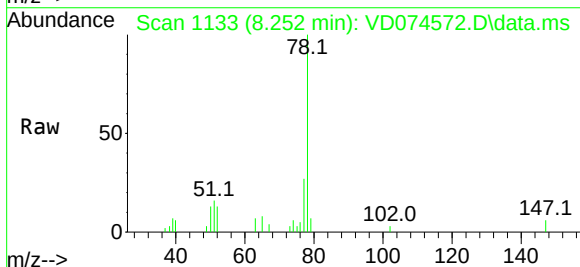
Acq: 19 Oct 2022 10:29

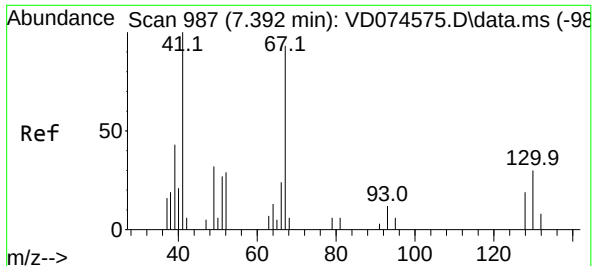
Tgt Ion: 78 Resp: 21874

Ion Ratio Lower Upper

78 100

77 27.5 20.1 30.1

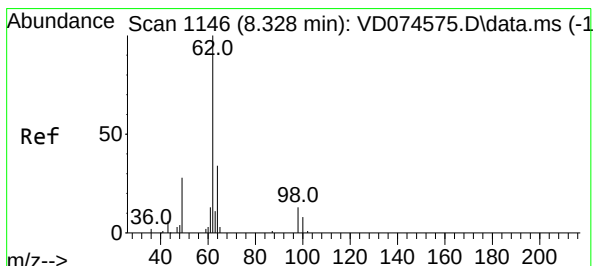
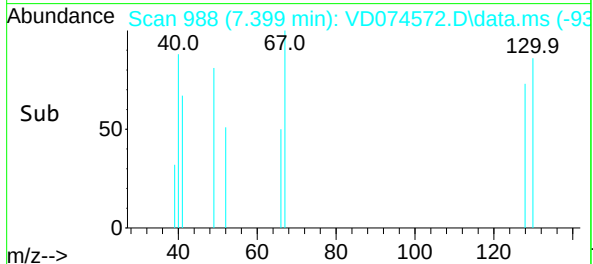
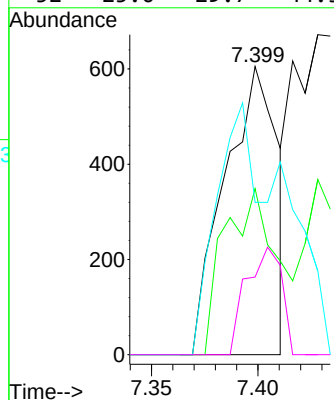
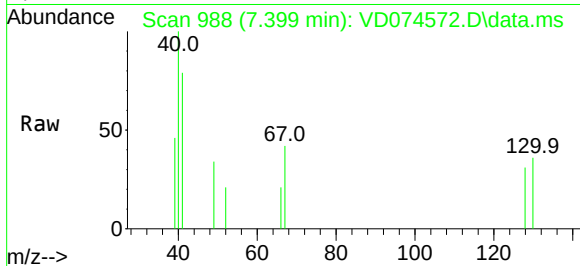




#41
Methacrylonitrile
Concen: 3.521 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

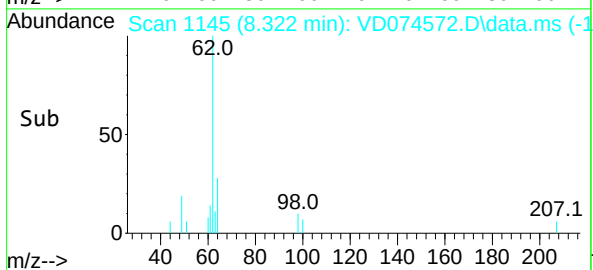
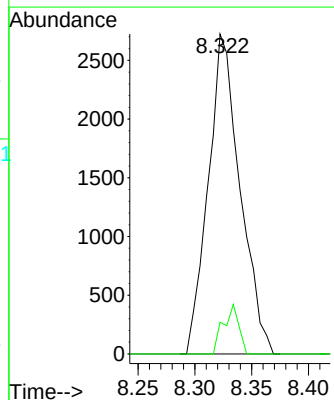
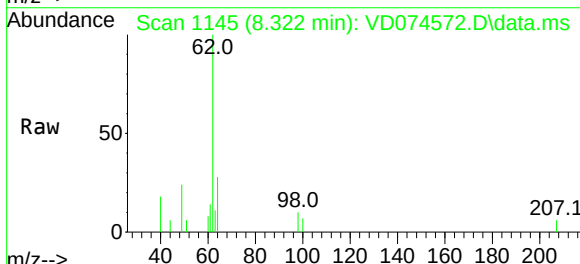
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

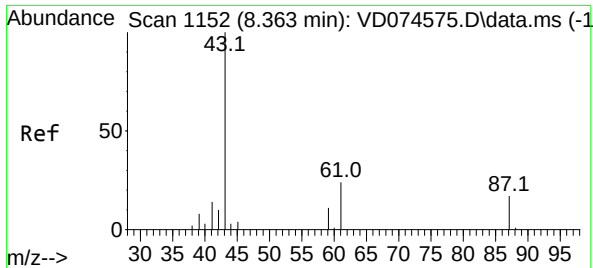
Tgt Ion: 41 Resp: 1040
Ion Ratio Lower Upper
41 100
39 58.2 35.0 52.6#
67 73.2 77.0 115.6#
52 25.0 29.7 44.5#



#42
1,2-Dichloroethane
Concen: 5.154 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 62 Resp: 5310
Ion Ratio Lower Upper
62 100
98 7.6 0.0 24.2

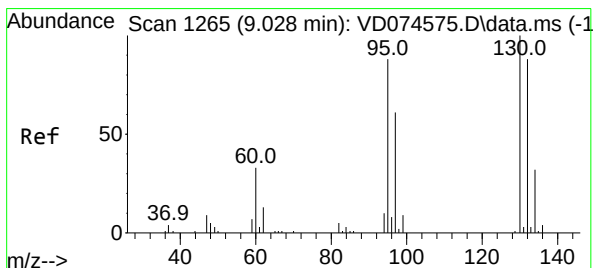
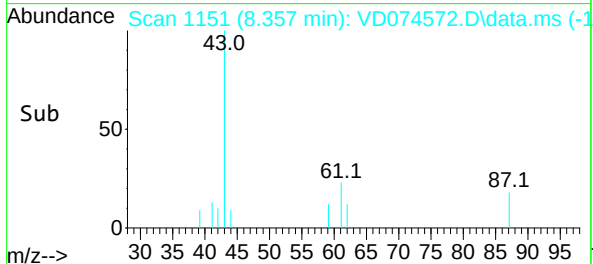
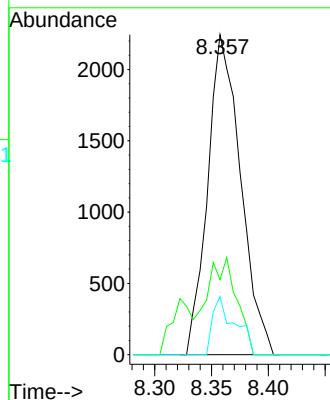
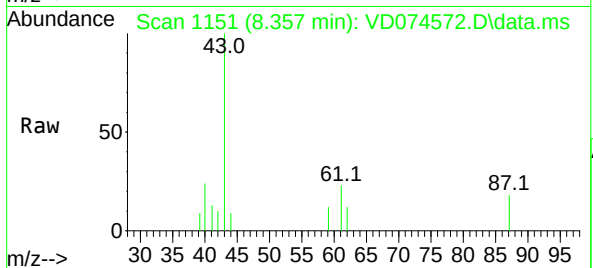




#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

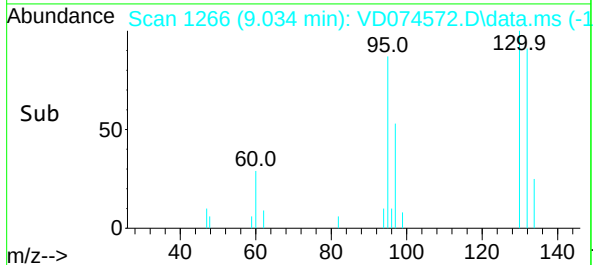
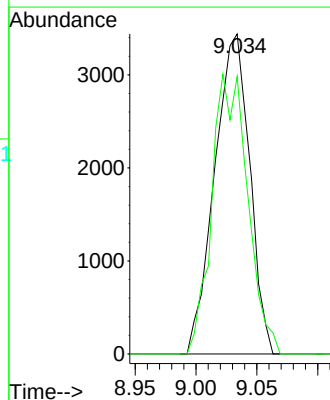
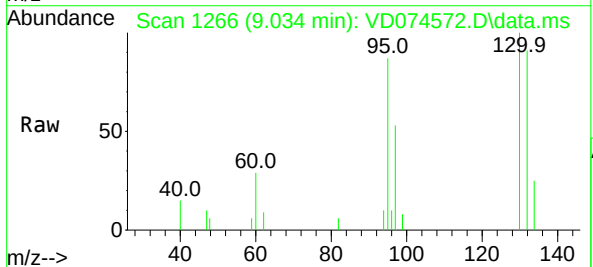
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

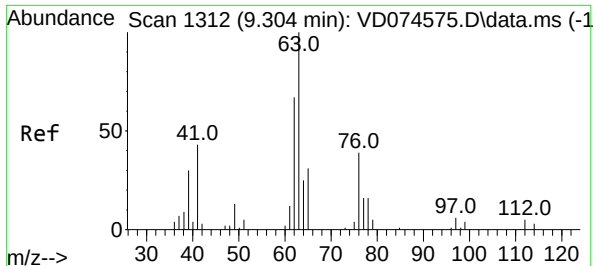
Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
61 27.5 30.9 46.3#
87 12.1 14.3 21.5#



#44
Trichloroethene
Concen: 5.270 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 130 Resp: 6892
Ion Ratio Lower Upper
130 100
95 86.7 0.0 185.4





#45

1,2-Dichloropropane

Concen: 5.295 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

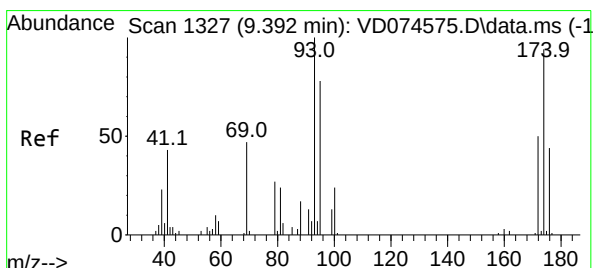
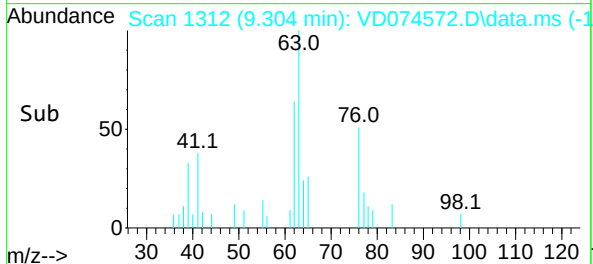
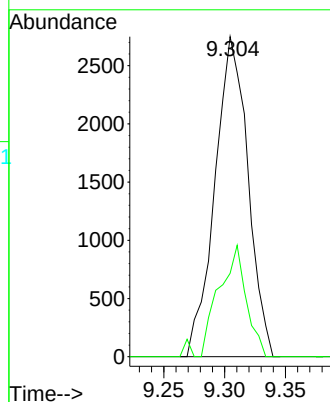
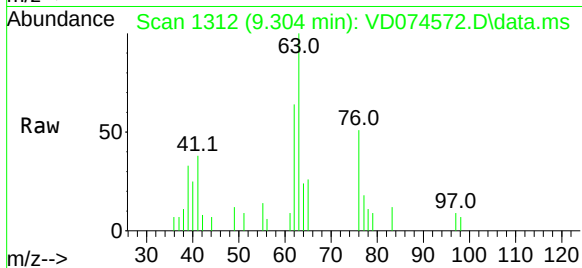
VSTDIC005

Tgt Ion: 63 Resp: 5188

Ion Ratio Lower Upper

63 100

65 26.0 23.1 34.7



#46

Dibromomethane

Concen: 5.373 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

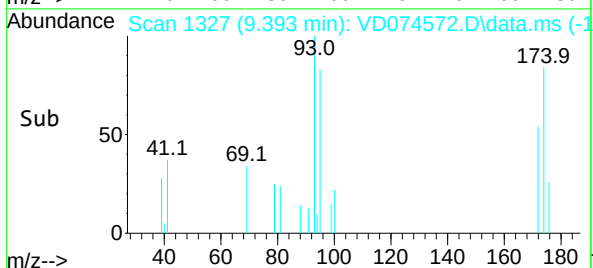
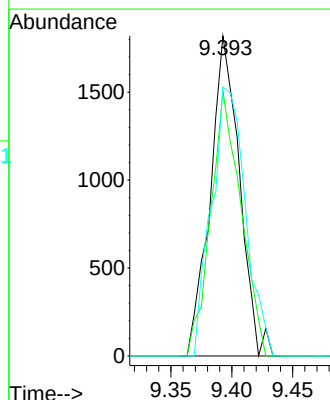
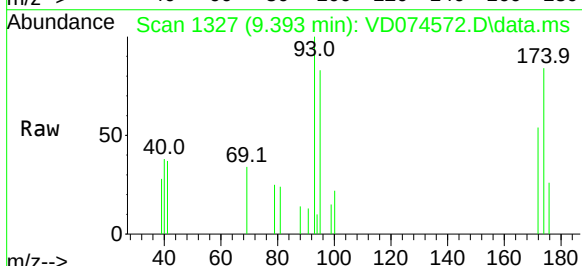
Tgt Ion: 93 Resp: 3038

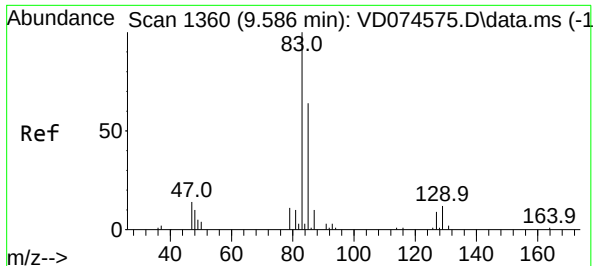
Ion Ratio Lower Upper

93 100

95 85.9 68.2 102.2

174 97.9 87.4 131.0





#47

Bromodichloromethane

Concen: 4.973 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

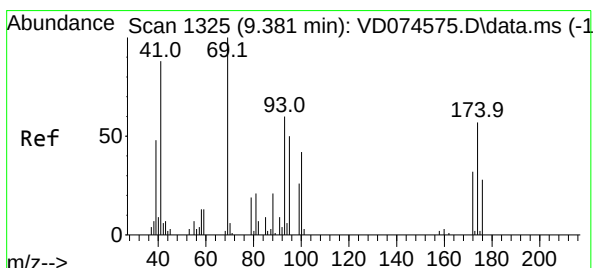
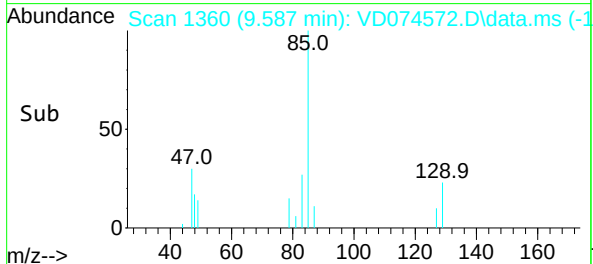
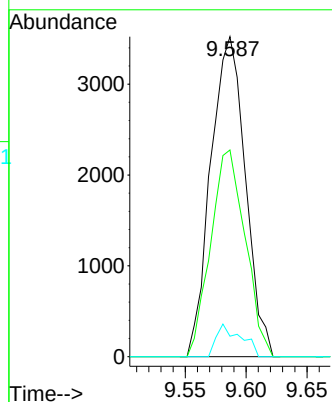
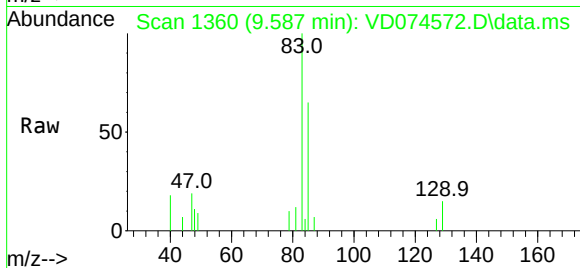
Tgt Ion: 83 Resp: 6957

Ion Ratio Lower Upper

83 100

85 64.6 48.8 73.2

127 6.4 6.7 10.1#



#48

Methyl methacrylate

Concen: 5.009 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

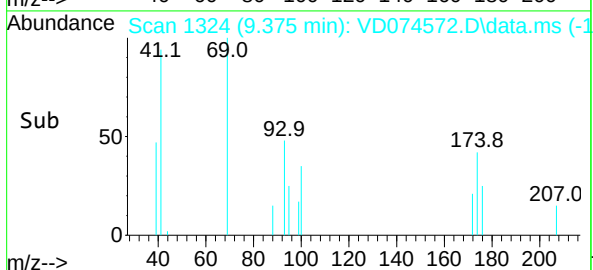
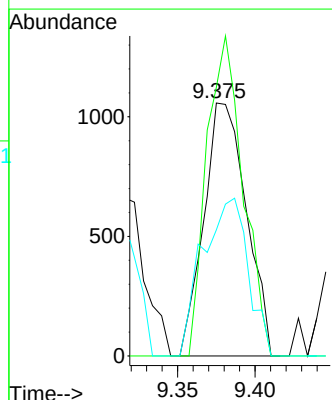
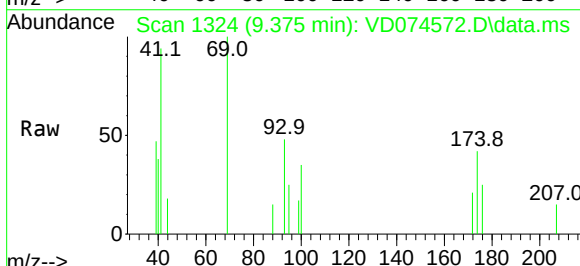
Tgt Ion: 41 Resp: 2019

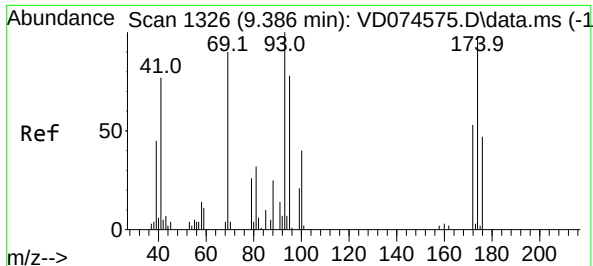
Ion Ratio Lower Upper

41 100

69 108.2 93.0 139.4

39 66.6 44.6 66.8





#49

1,4-Dioxane

Concen: 88.778 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074572.D

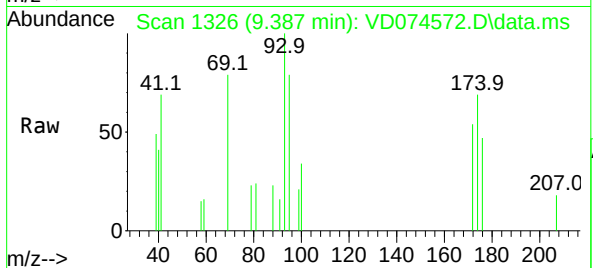
Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005



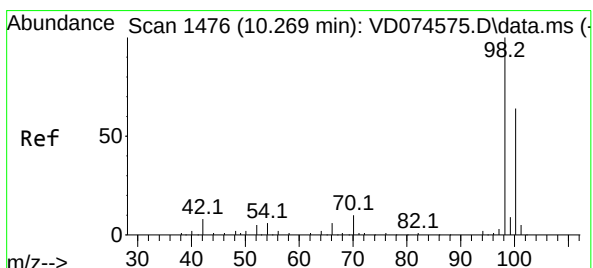
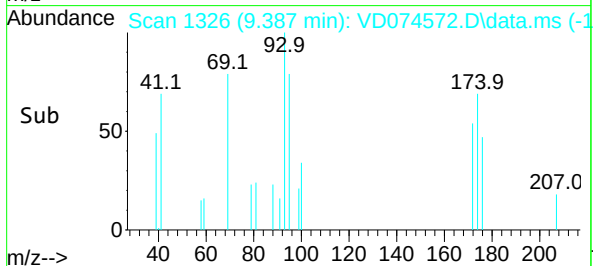
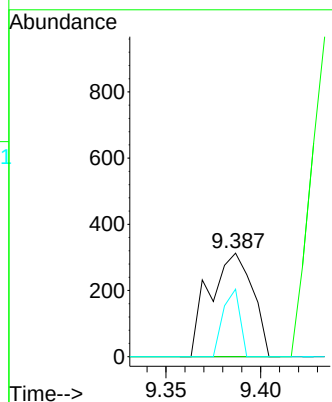
Tgt Ion: 88 Resp: 494

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 25.5 43.1 64.7#



#50

Toluene-d8

Concen: 6.278 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074572.D

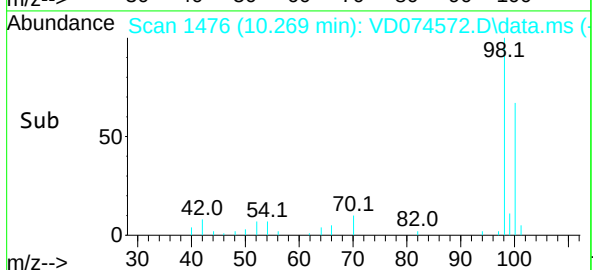
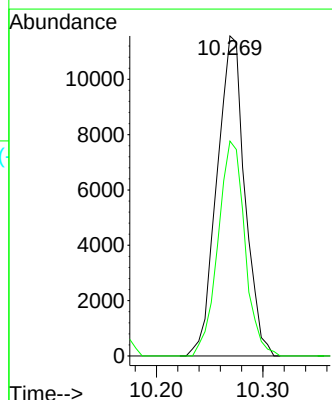
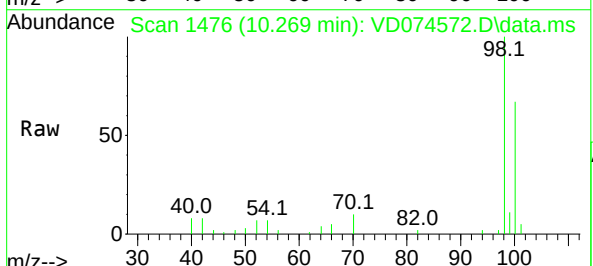
Acq: 19 Oct 2022 10:29

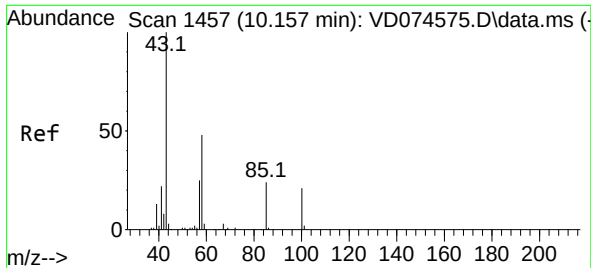
Tgt Ion: 98 Resp: 21042

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

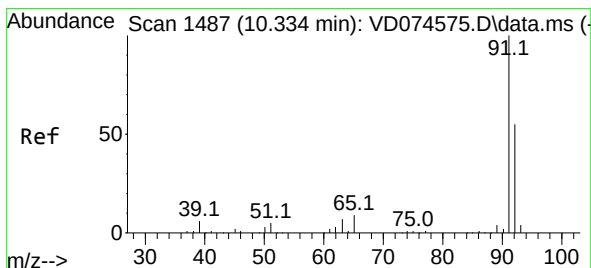
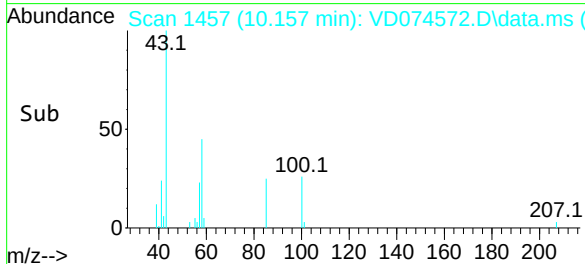
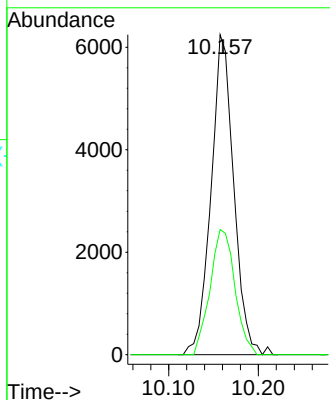
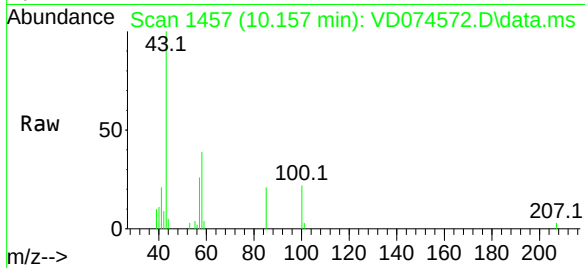




#51
4-Methyl-2-Pentanone
Concen: 25.022 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

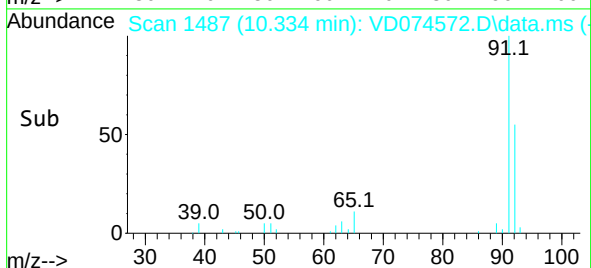
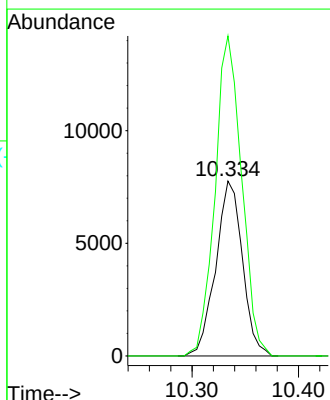
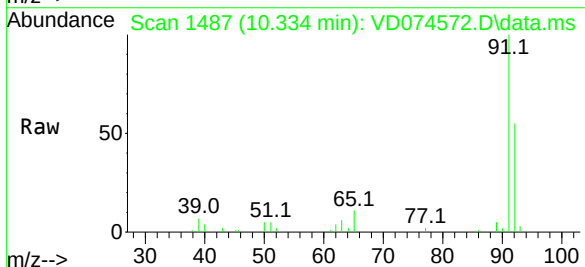
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

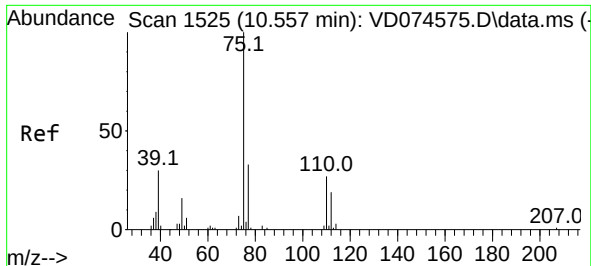
Tgt Ion: 43 Resp: 10978
Ion Ratio Lower Upper
43 100
58 42.7 37.8 56.6



#52
Toluene
Concen: 4.903 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 92 Resp: 13499
Ion Ratio Lower Upper
92 100
91 182.4 139.0 208.4

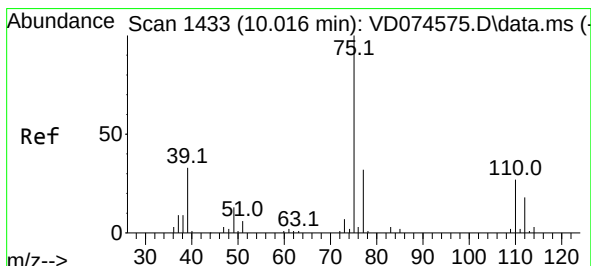
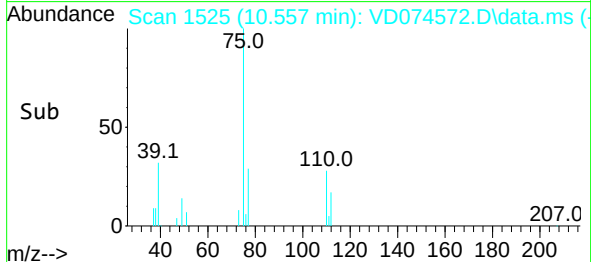
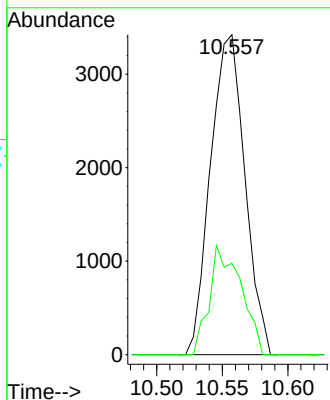
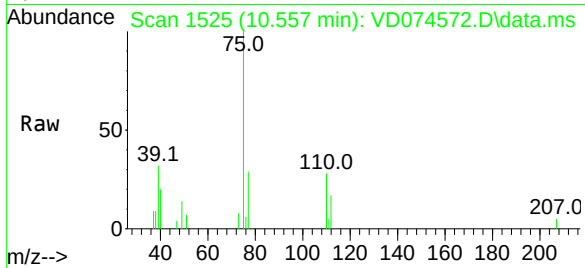




#53
 t-1,3-Dichloropropene
 Concen: 5.078 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

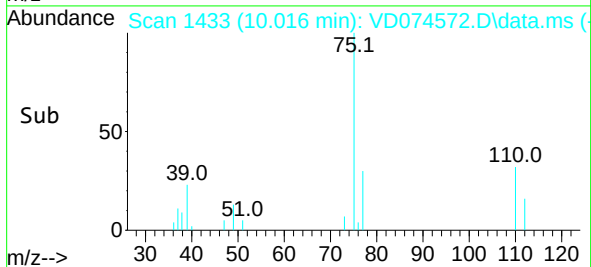
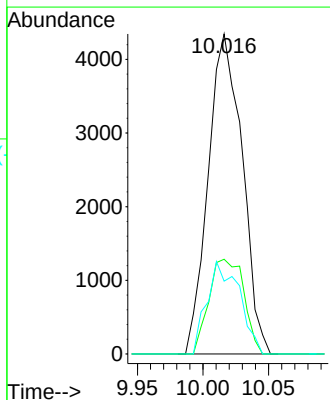
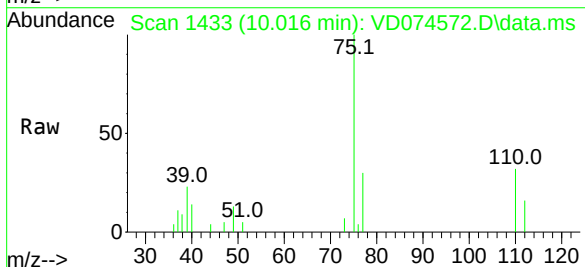
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

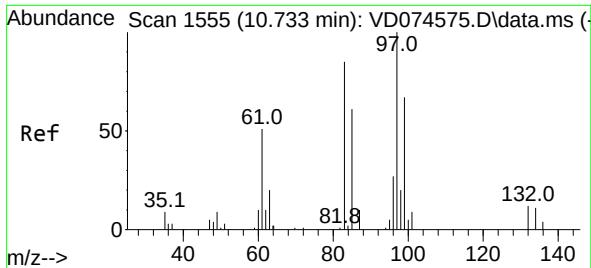
Tgt Ion: 75 Resp: 6245
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.052 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

Tgt Ion: 75 Resp: 7835
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.7 37.1
 39 22.8 25.4 38.2#

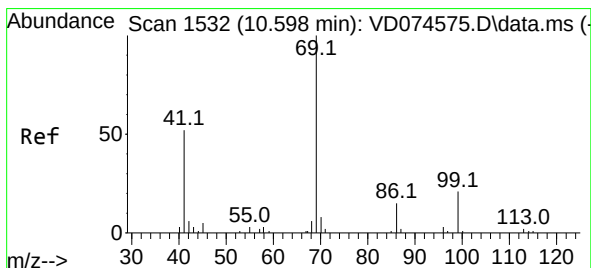
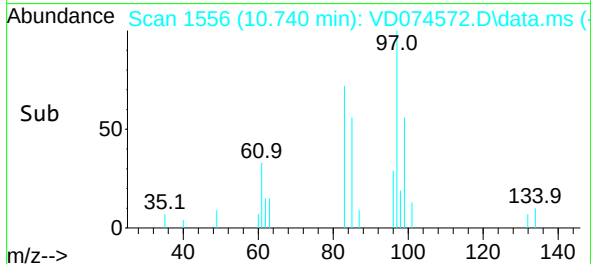
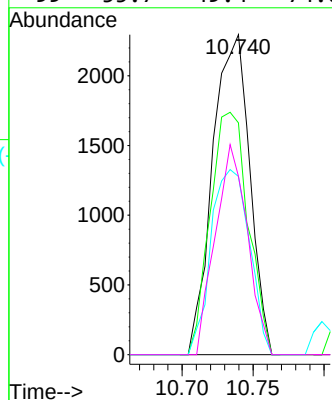
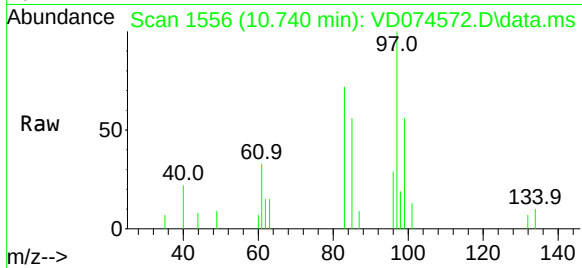




#55
1,1,2-Trichloroethane
Concen: 5.353 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

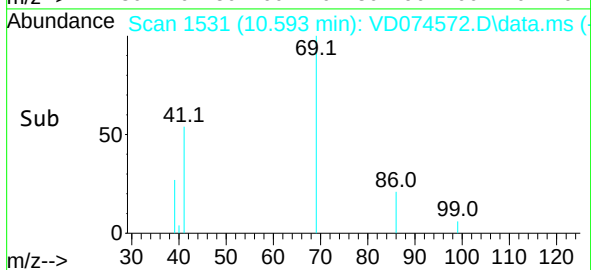
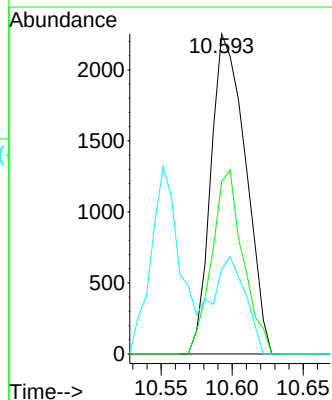
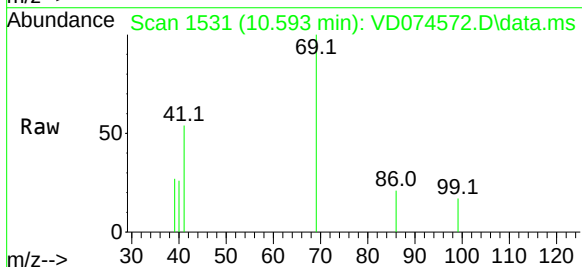
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

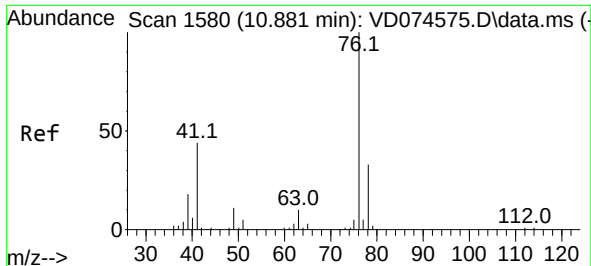
Tgt Ion: 97	Resp: 4158
Ion Ratio	Lower Upper
97 100	
83 72.5	64.8 97.2
85 55.7	44.8 67.2
99 55.7	49.4 74.0



#56
Ethyl methacrylate
Concen: 4.491 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 69	Resp: 3813
Ion Ratio	Lower Upper
69 100	
41 52.1	38.6 58.0
39 22.5	19.9 29.9





#57

1,3-Dichloropropane

Concen: 5.319 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

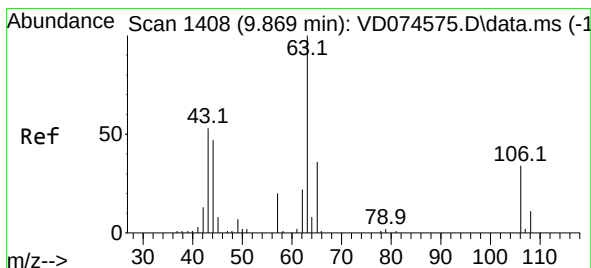
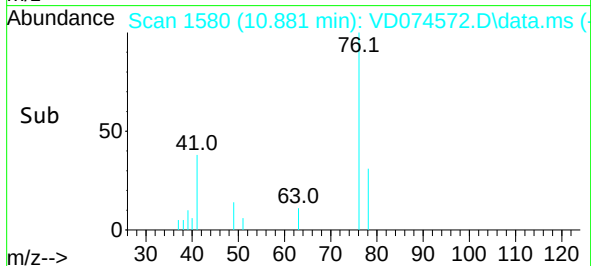
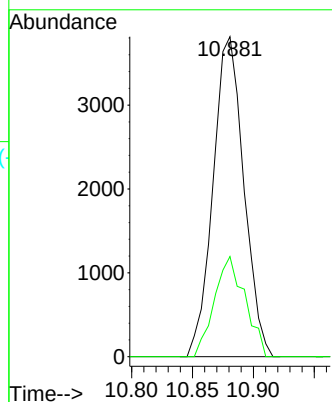
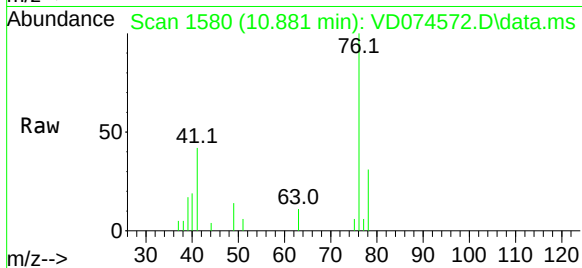
VSTDIC005

Tgt Ion: 76 Resp: 6703

Ion Ratio Lower Upper

76 100

78 31.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 27.713 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074572.D

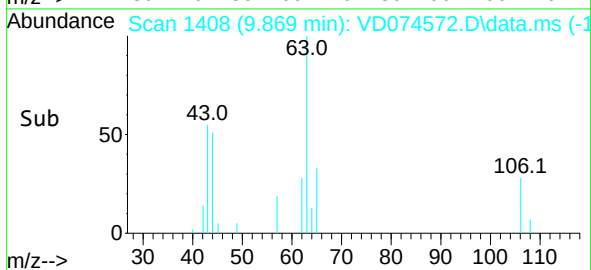
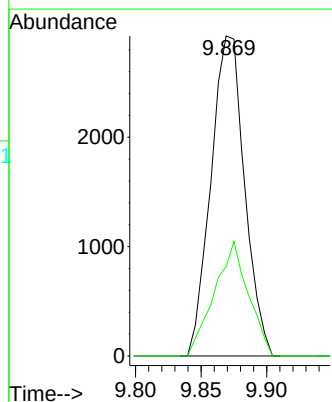
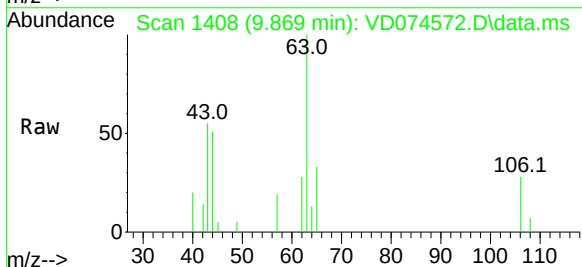
Acq: 19 Oct 2022 10:29

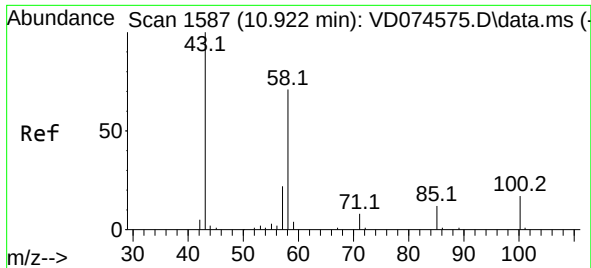
Tgt Ion: 63 Resp: 5216

Ion Ratio Lower Upper

63 100

106 36.2 26.5 39.7

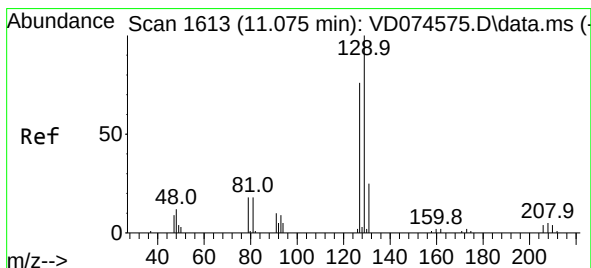
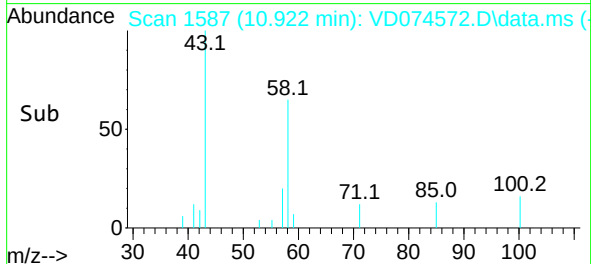
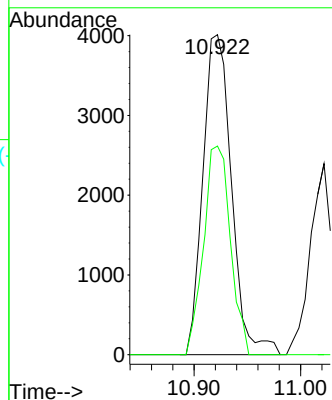
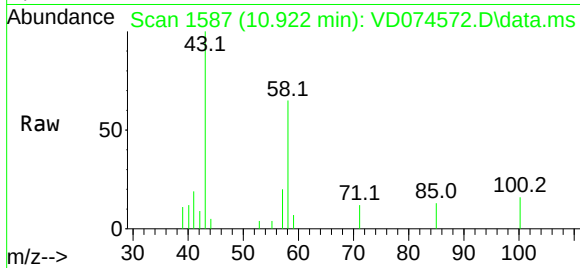




#59
2-Hexanone
Concen: 25.012 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

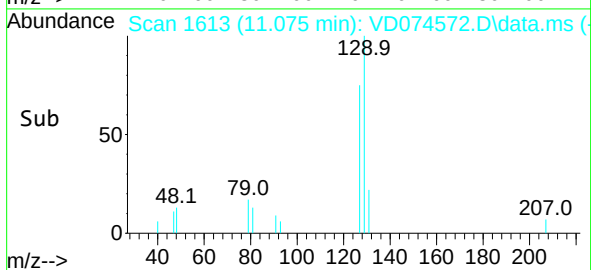
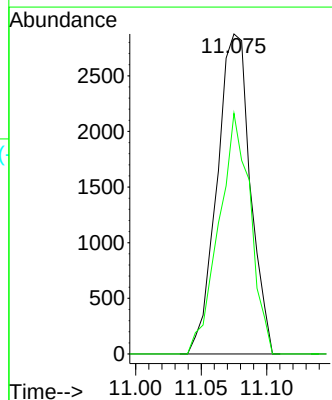
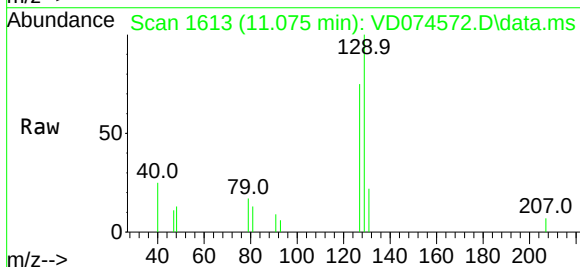
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

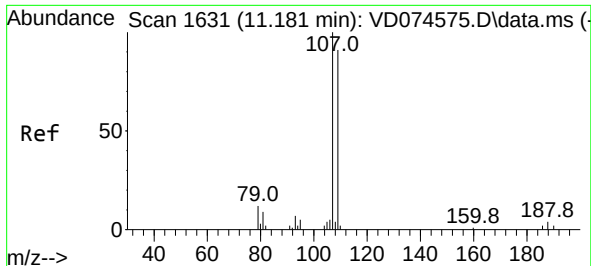
Tgt Ion: 43 Resp: 7490
Ion Ratio Lower Upper
43 100
58 61.1 32.0 96.2



#60
Dibromochloromethane
Concen: 5.434 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 129 Resp: 5088
Ion Ratio Lower Upper
129 100
127 71.1 39.1 117.2

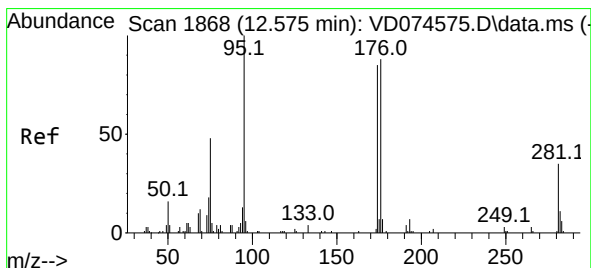
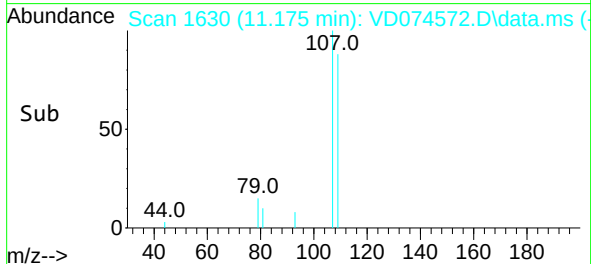
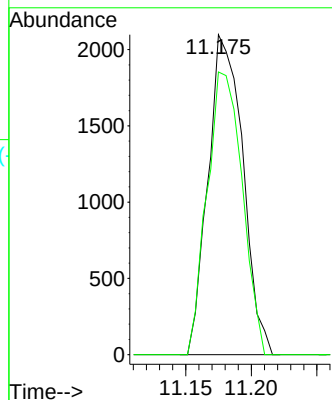
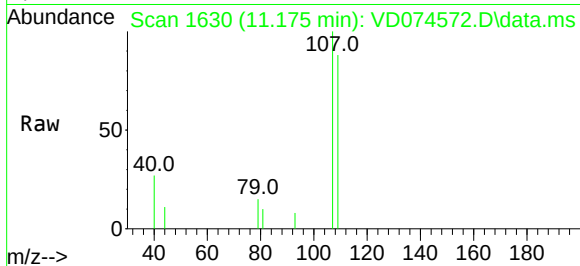




#61
1,2-Dibromoethane
Concen: 5.446 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

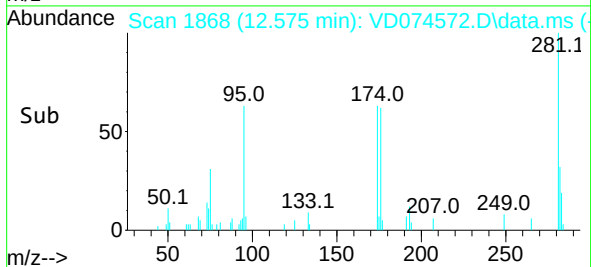
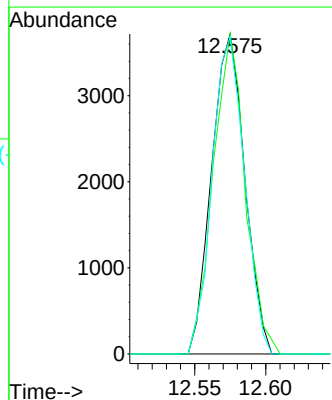
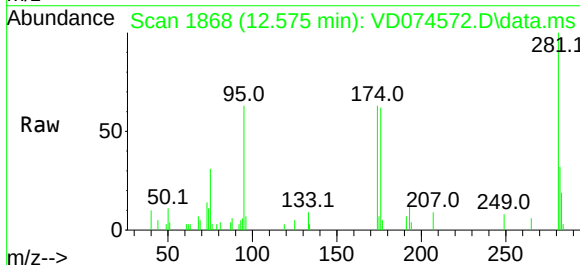
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

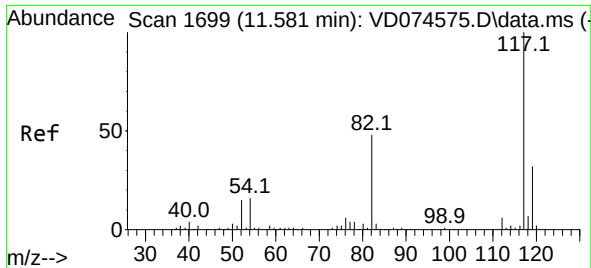
Tgt Ion:107 Resp: 3862
Ion Ratio Lower Upper
107 100
109 89.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 5.445 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 95 Resp: 6037
Ion Ratio Lower Upper
95 100
174 96.6 0.0 197.0
176 96.4 0.0 182.6

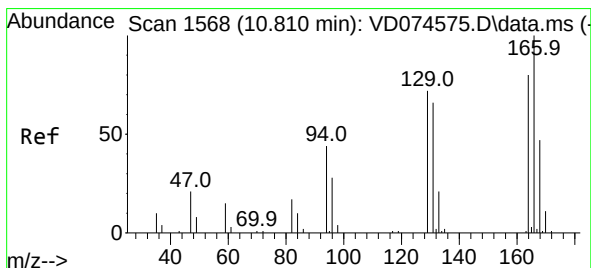
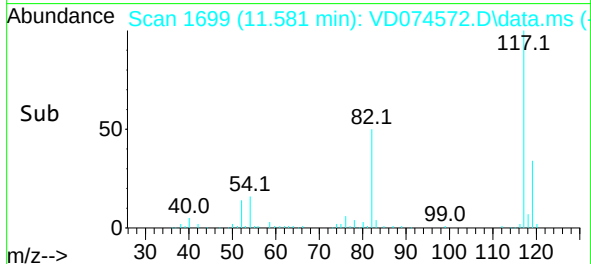
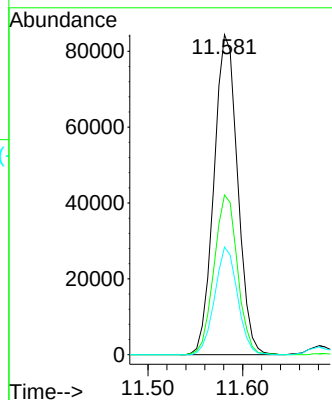
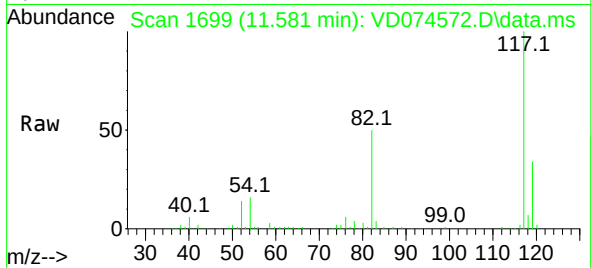




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

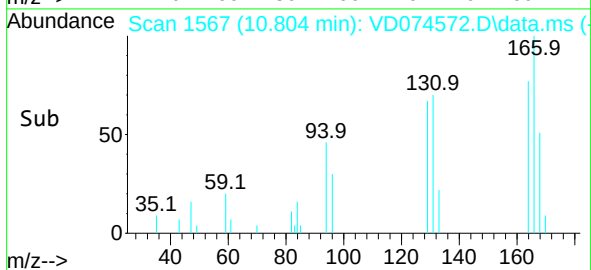
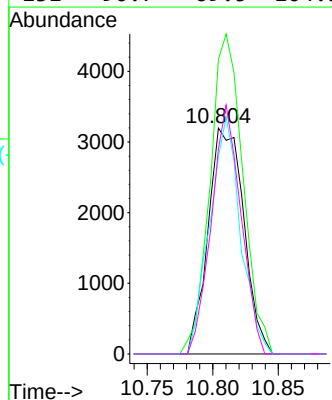
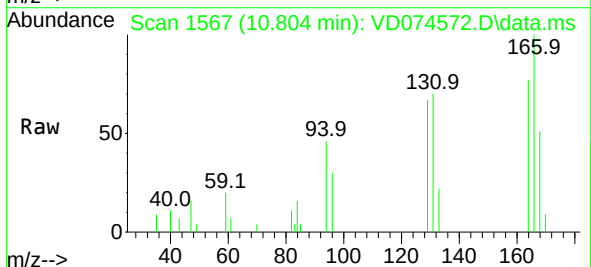
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

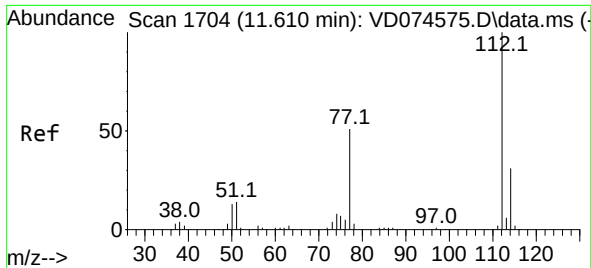
Tgt Ion:117 Resp: 146940
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 33.7 25.2 37.8



#64
Tetrachloroethene
Concen: 5.558 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:164 Resp: 6037
Ion Ratio Lower Upper
164 100
166 130.5 107.8 161.8
129 87.2 77.4 116.2
131 90.7 69.5 104.3

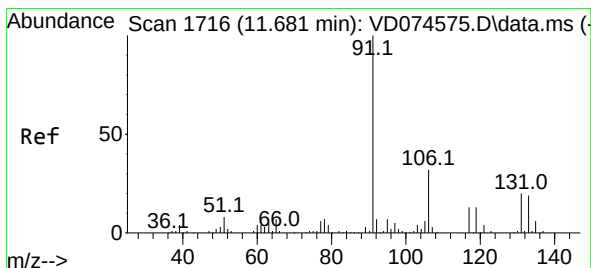
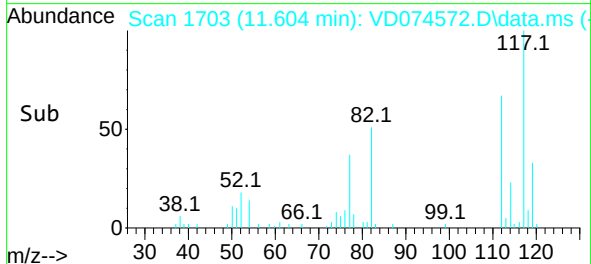
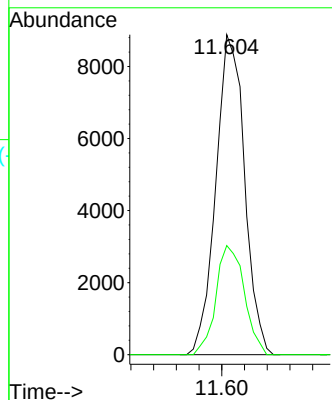
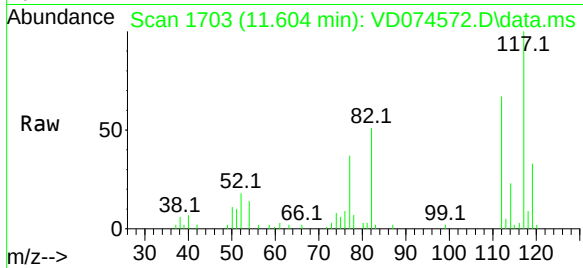




#65
Chlorobenzene
Concen: 5.033 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

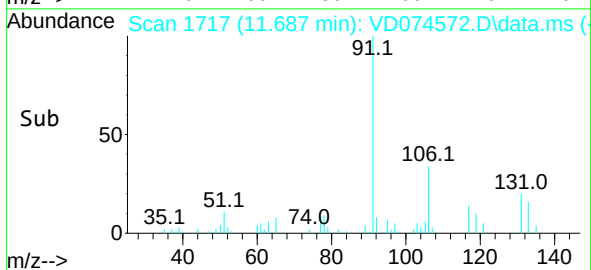
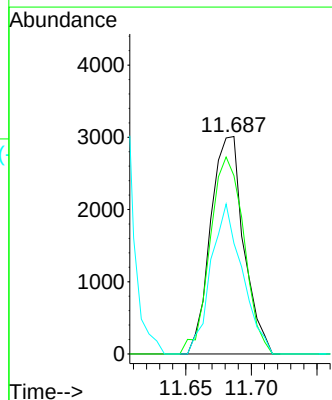
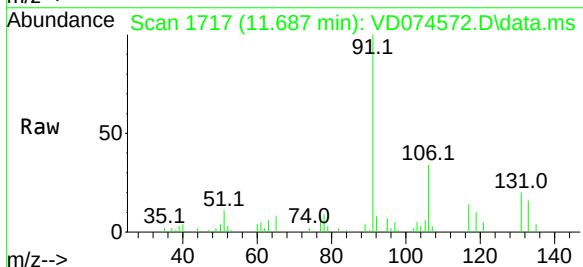
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

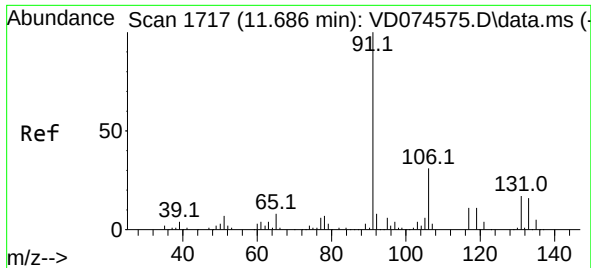
Tgt Ion:112 Resp: 15578
Ion Ratio Lower Upper
112 100
114 34.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.972 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:131 Resp: 5287
Ion Ratio Lower Upper
131 100
133 92.7 46.6 139.8
119 65.4 32.5 97.4

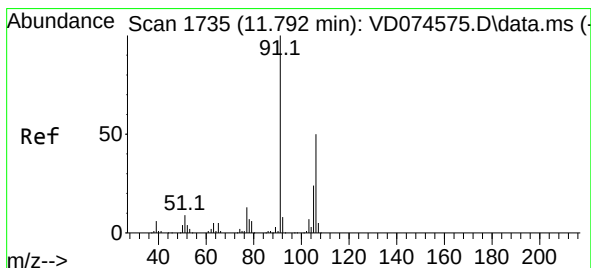
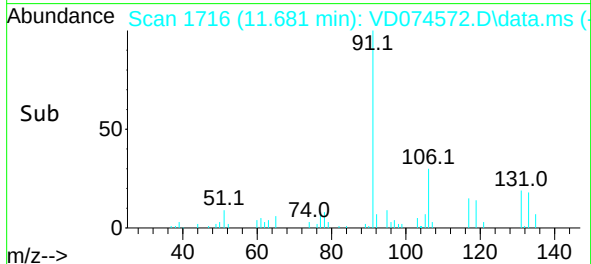
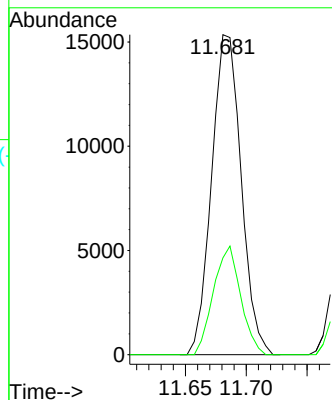
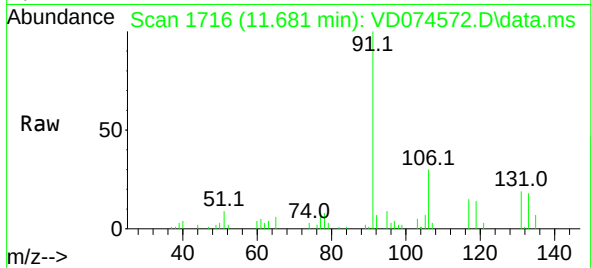




#67
Ethyl Benzene
Concen: 4.807 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

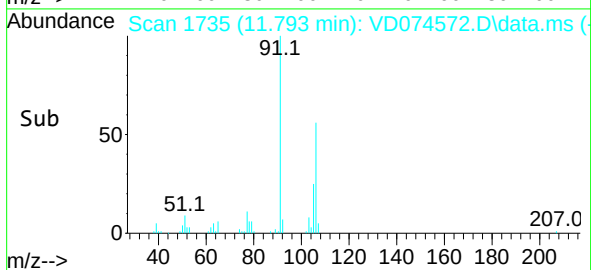
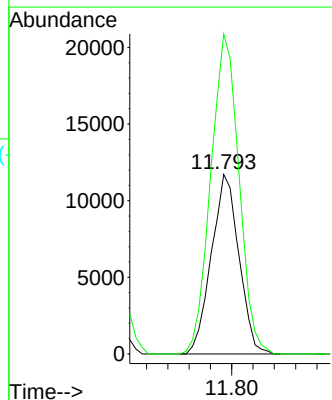
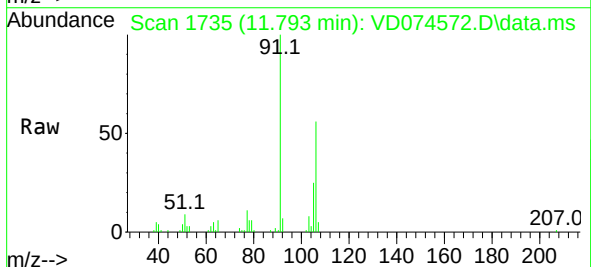
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

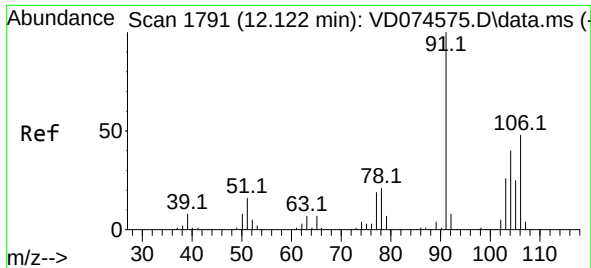
Tgt Ion: 91 Resp: 25910
Ion Ratio Lower Upper
91 100
106 30.2 26.6 40.0



#68
m/p-Xylenes
Concen: 9.805 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 106 Resp: 21011
Ion Ratio Lower Upper
106 100
91 182.4 156.2 234.4

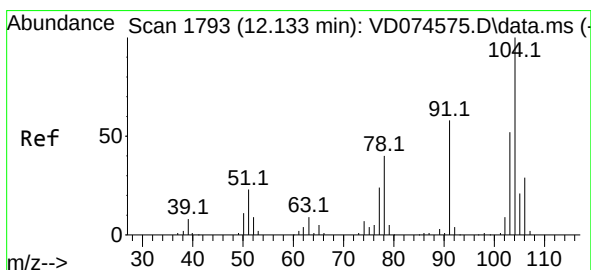
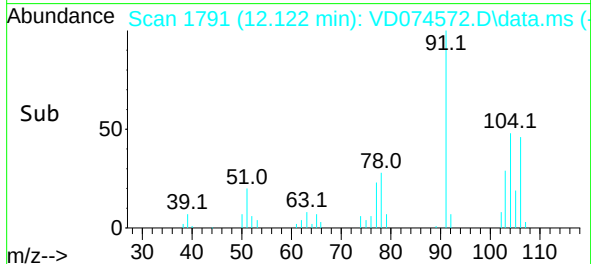
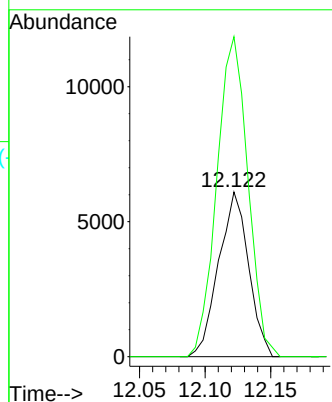
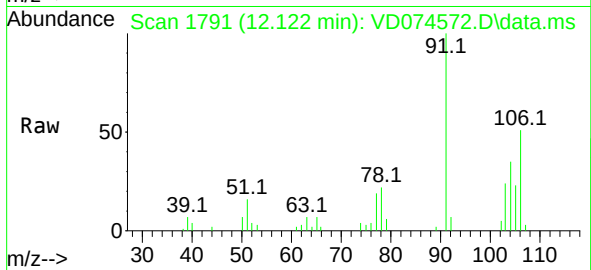




#69
o-Xylene
Concen: 4.861 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

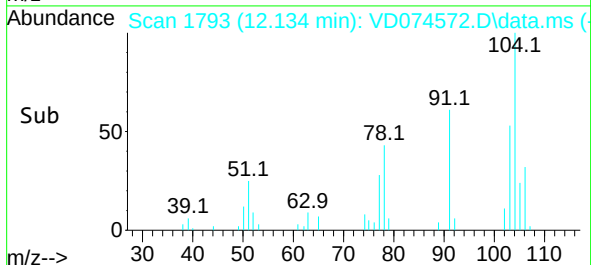
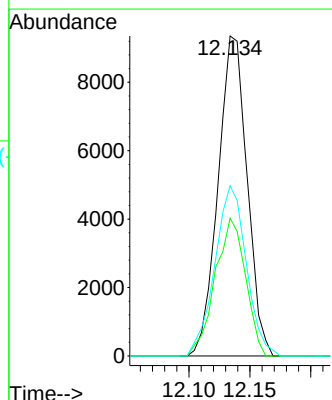
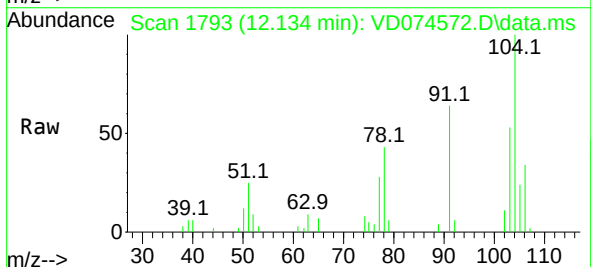
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

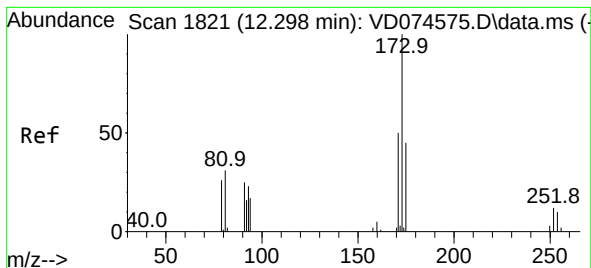
Tgt Ion:106 Resp: 9695
Ion Ratio Lower Upper
106 100
91 201.1 104.5 313.3



#70
Styrene
Concen: 4.626 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:104 Resp: 15537
Ion Ratio Lower Upper
104 100
78 44.9 35.7 53.5
103 57.6 43.7 65.5





#71

Bromoform

Concen: 5.207 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.012 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

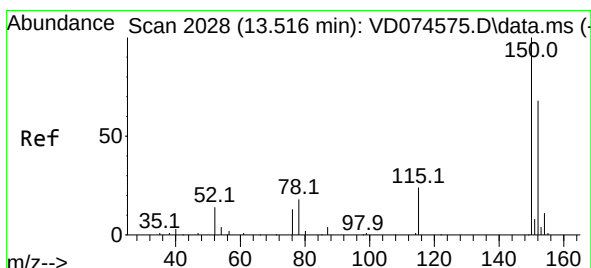
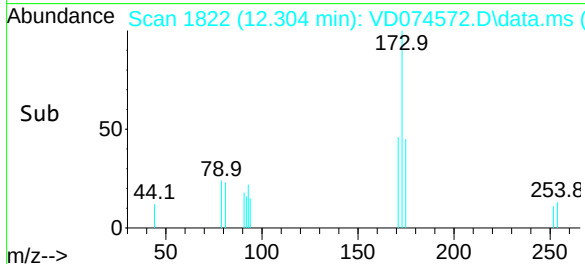
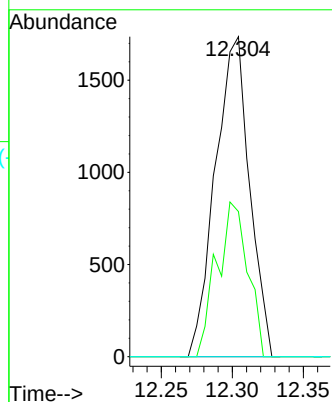
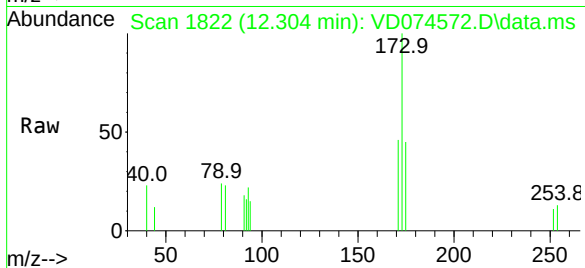
Tgt Ion:173 Resp: 2907

Ion Ratio Lower Upper

173 100

175 43.8 23.1 69.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

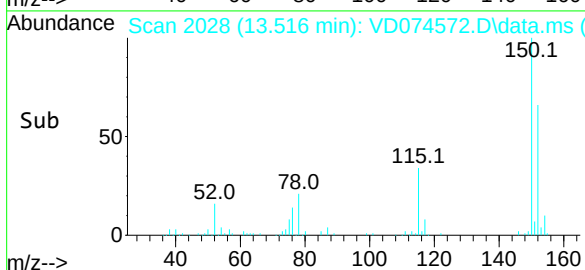
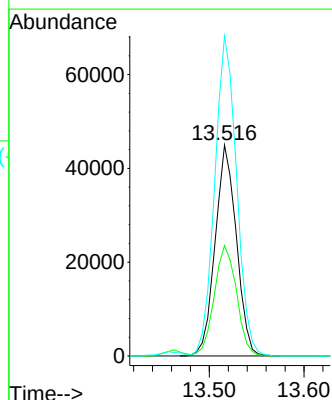
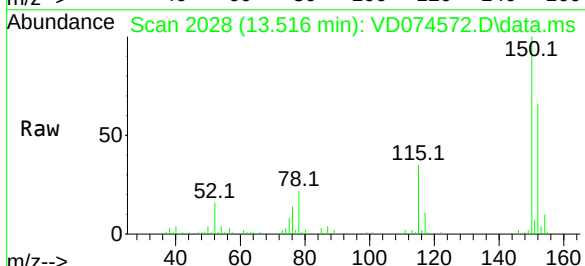
Tgt Ion:152 Resp: 70142

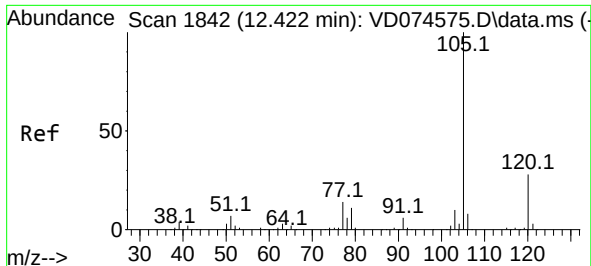
Ion Ratio Lower Upper

152 100

115 55.0 26.8 80.4

150 156.4 0.0 348.2

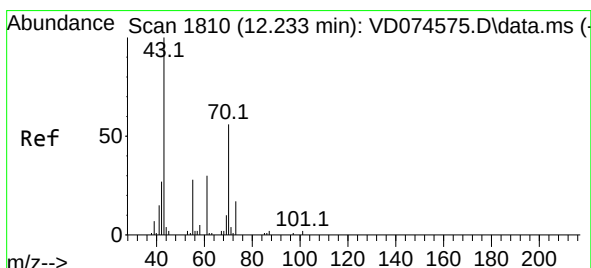
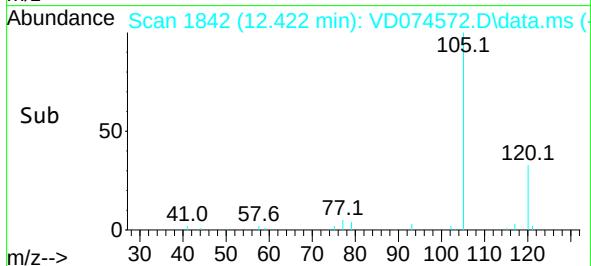
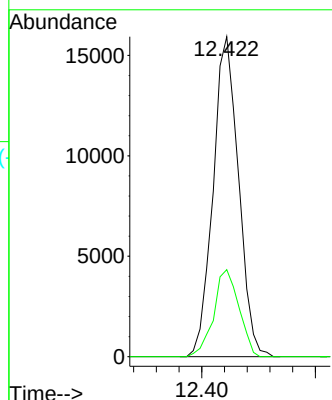
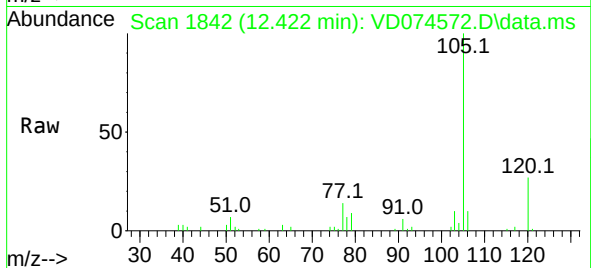




#73
Isopropylbenzene
Concen: 4.532 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

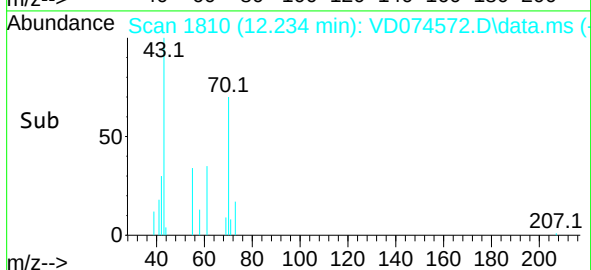
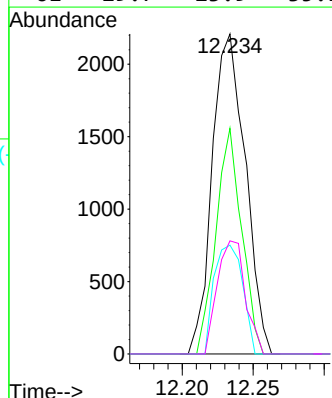
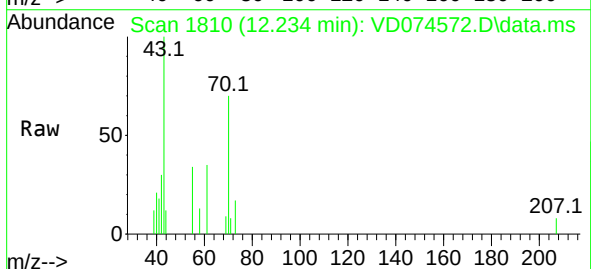
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

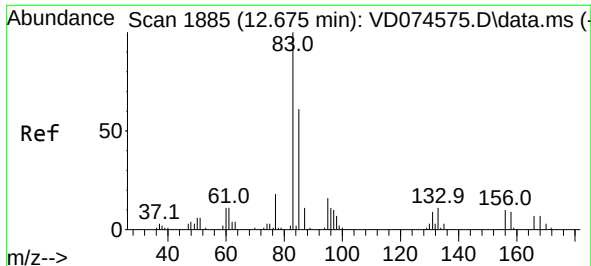
Tgt Ion:105 Resp: 24790
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 4.433 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 43 Resp: 3584
Ion Ratio Lower Upper
43 100
70 54.7 43.8 65.6
55 29.2 22.0 33.0
61 29.7 23.9 35.9

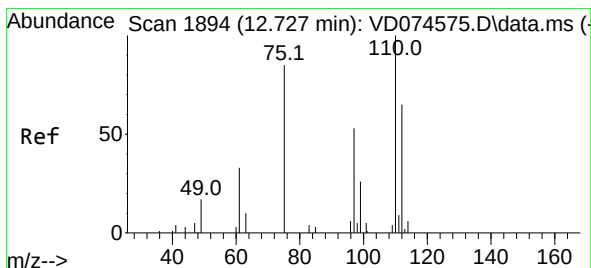
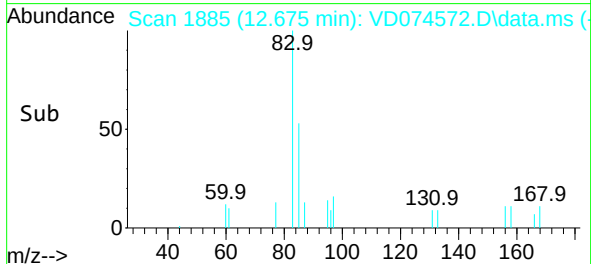
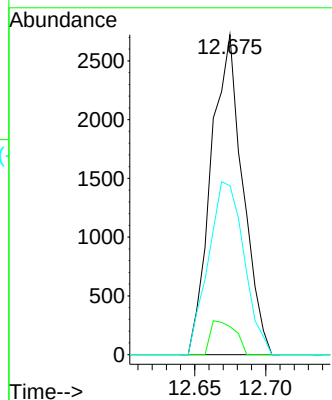
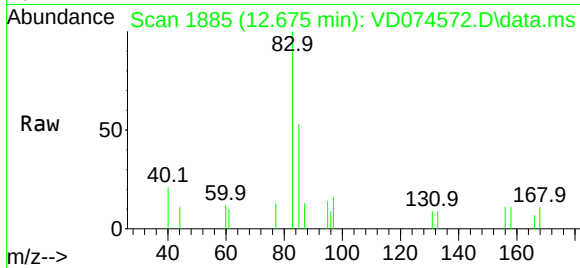




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.877 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

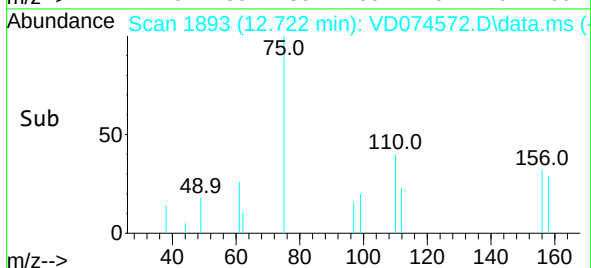
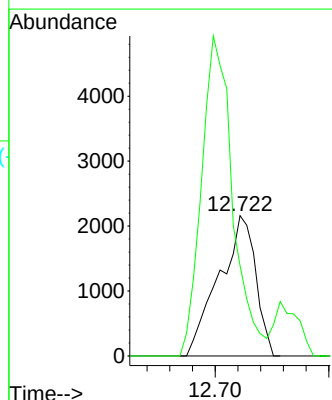
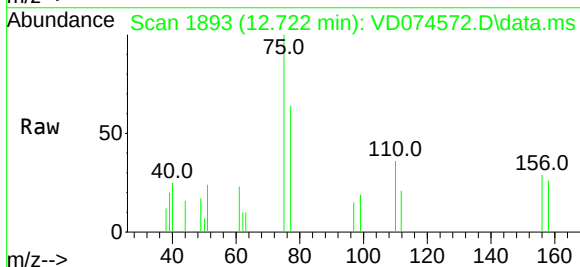
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

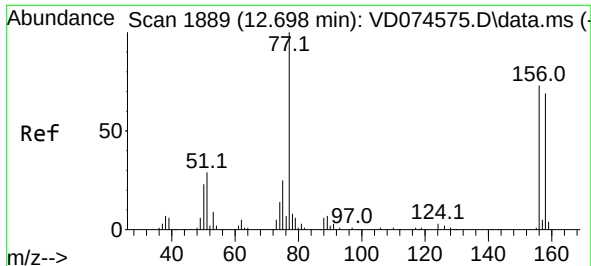
Tgt Ion: 83 Resp: 4223
 Ion Ratio Lower Upper
 83 100
 131 8.2 4.7 14.1
 85 60.7 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 8.366 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

Tgt Ion: 75 Resp: 4829
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

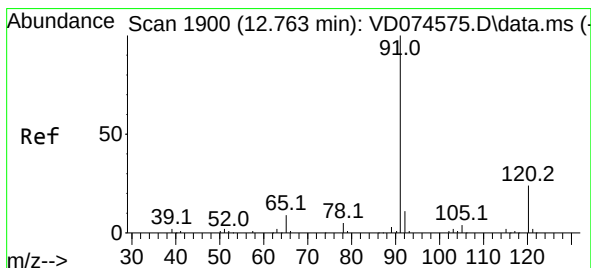
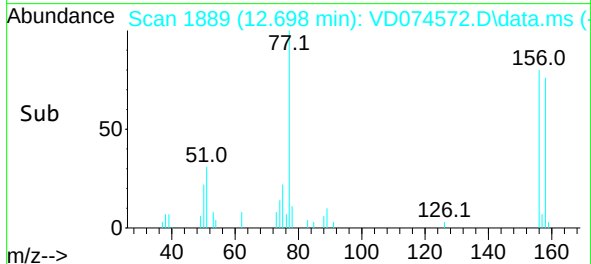
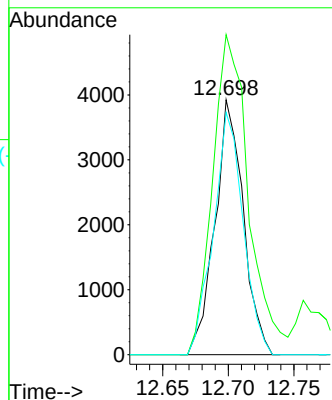
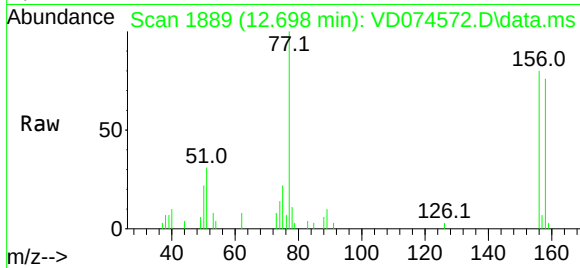




#77
Bromobenzene
Concen: 4.787 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

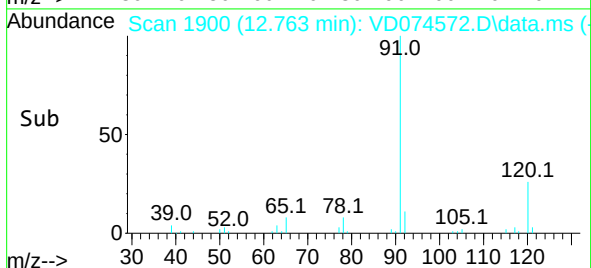
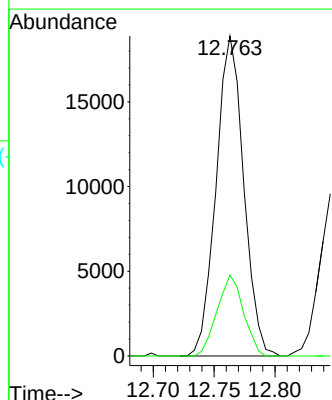
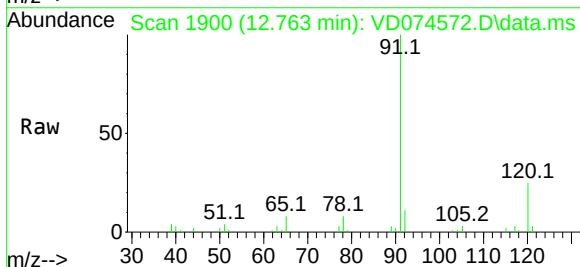
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

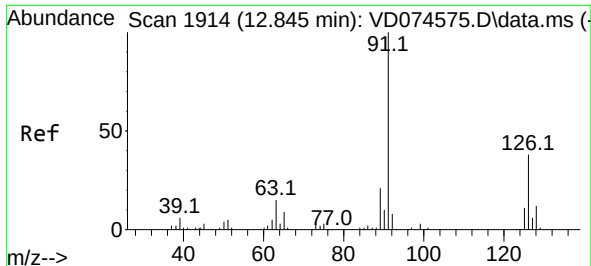
Tgt Ion:156 Resp: 5910
Ion Ratio Lower Upper
156 100
77 159.1 77.7 233.1
158 99.7 49.4 148.2



#78
n-propylbenzene
Concen: 4.606 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 91 Resp: 29779
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 4.839 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

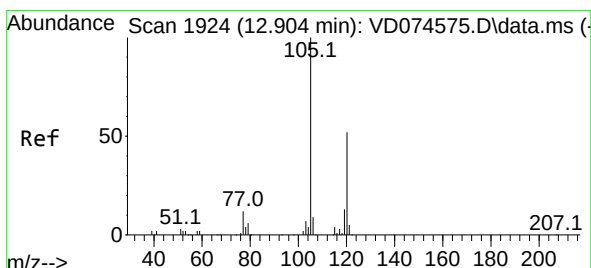
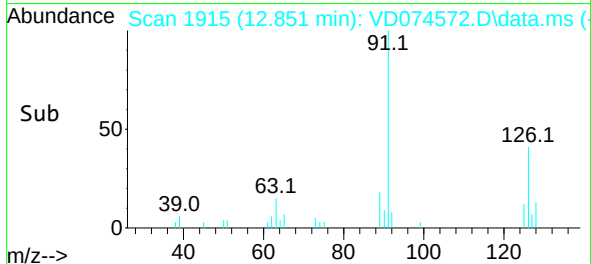
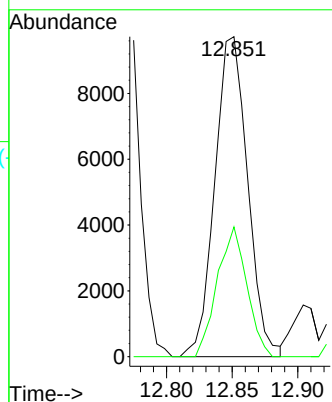
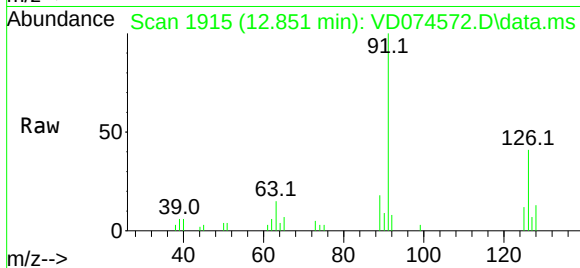
VSTDIC005

Tgt Ion: 91 Resp: 16947

Ion Ratio Lower Upper

91 100

126 36.4 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 4.634 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD074572.D

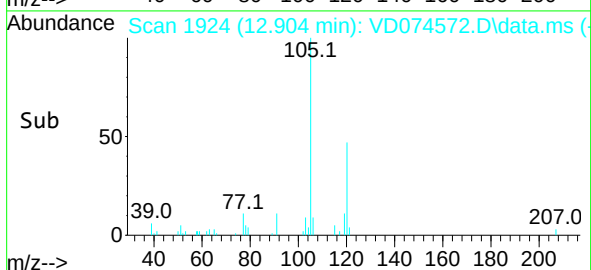
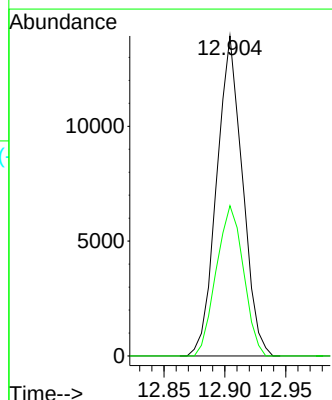
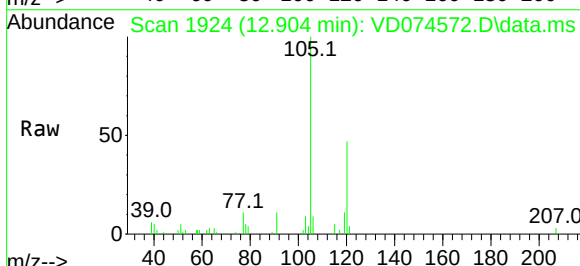
Acq: 19 Oct 2022 10:29

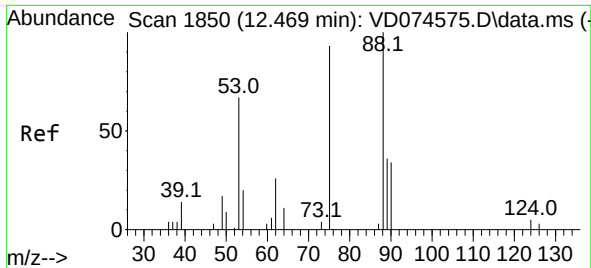
Tgt Ion: 105 Resp: 20577

Ion Ratio Lower Upper

105 100

120 49.4 25.7 77.0

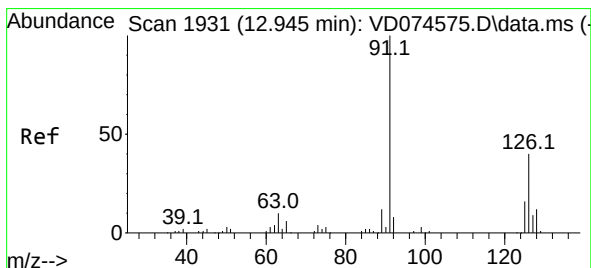
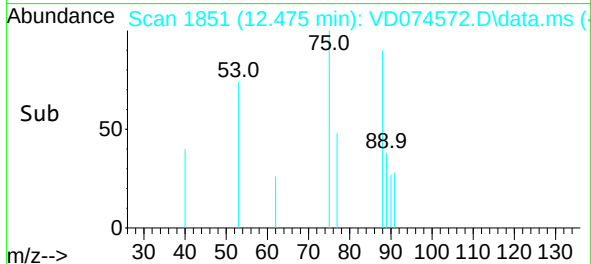
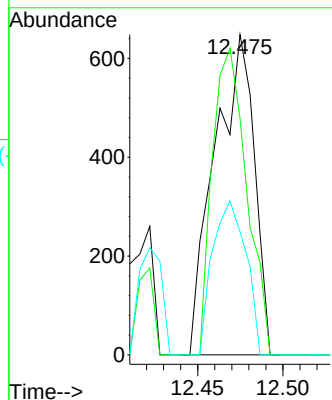
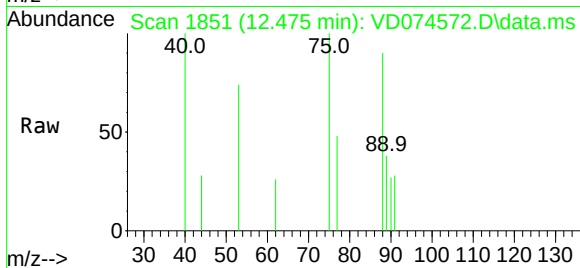




#81
trans-1,4-Dichloro-2-butene
Concen: 4.348 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.012 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

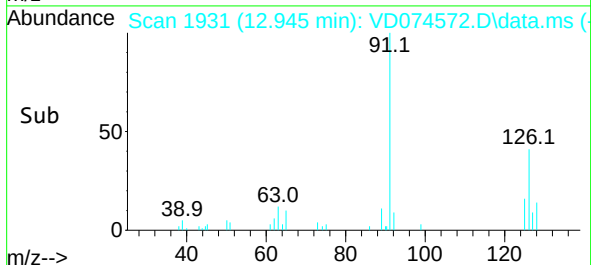
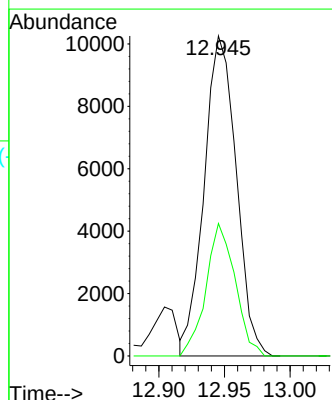
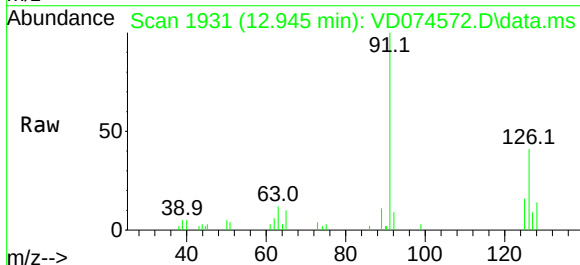
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

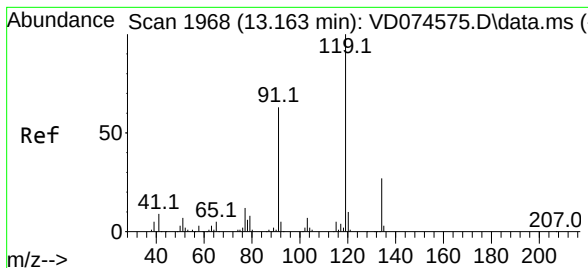
Tgt Ion: 75 Resp: 1042
Ion Ratio Lower Upper
75 100
53 83.3 63.8 95.6
89 40.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 4.843 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 91 Resp: 17426
Ion Ratio Lower Upper
91 100
126 37.7 18.8 56.4

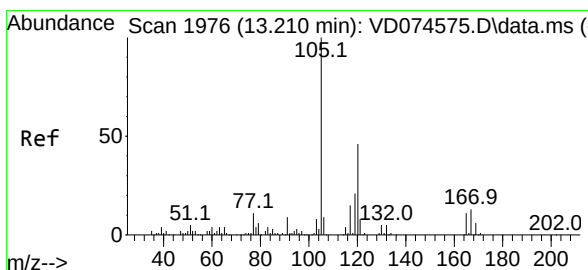
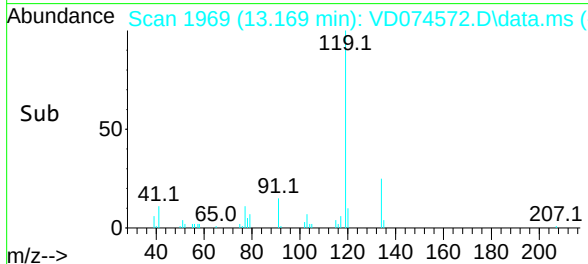
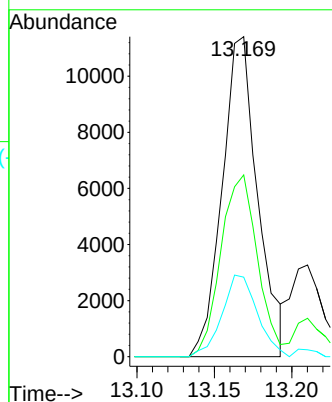
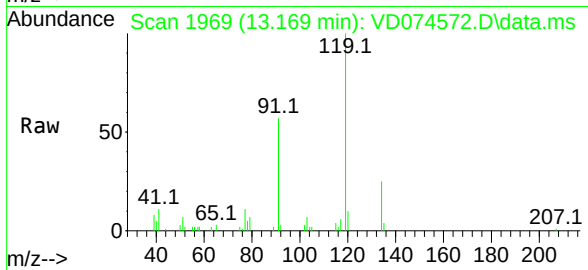




#83
tert-Butylbenzene
Concen: 4.593 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

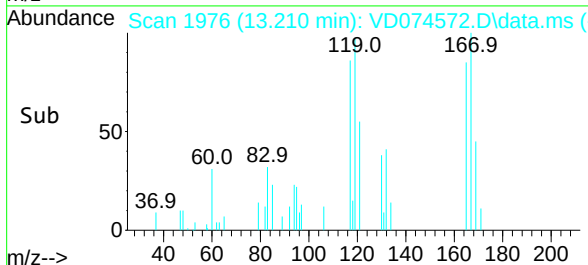
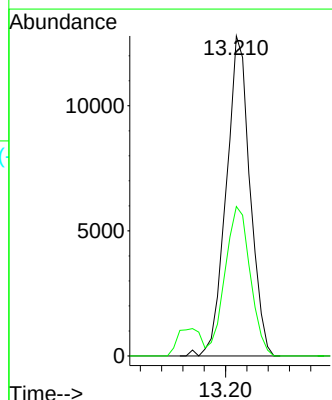
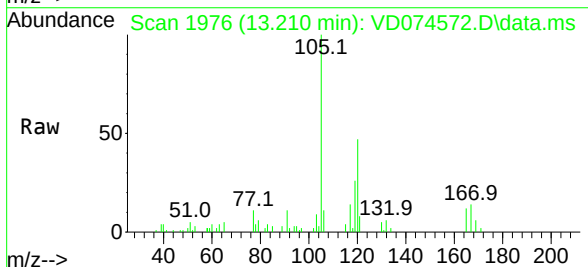
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

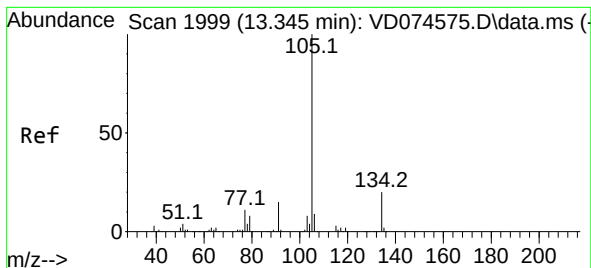
Tgt Ion:	119	Resp:	18194
Ion	Ratio	Lower	Upper
119	100		
91	58.4	30.0	90.0
134	25.3	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 4.519 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:	105	Resp:	19749
Ion	Ratio	Lower	Upper
105	100		
120	49.7	22.9	68.7





#85

sec-Butylbenzene

Concen: 4.689 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

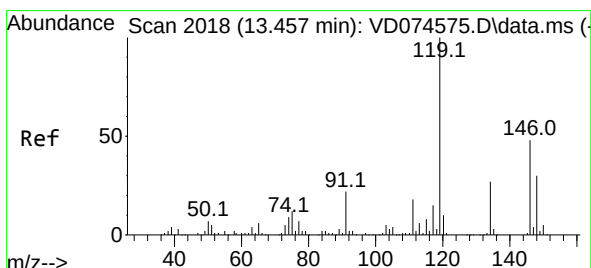
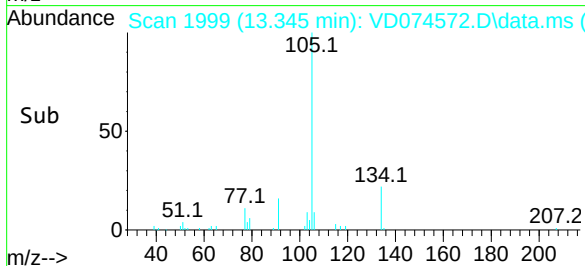
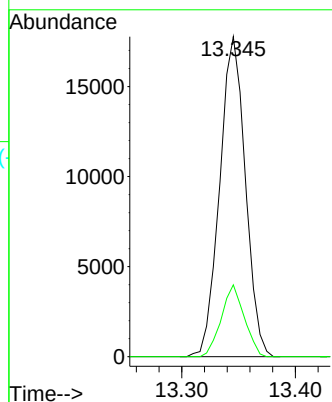
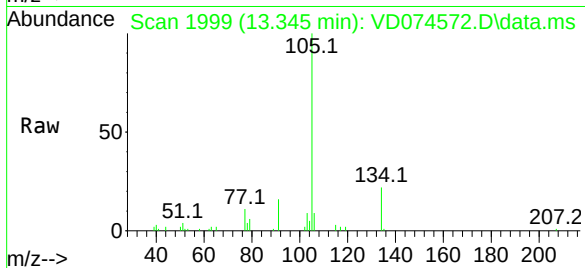
VSTDICC005

Tgt Ion:105 Resp: 27873

Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0



#86

p-Isopropyltoluene

Concen: 4.378 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

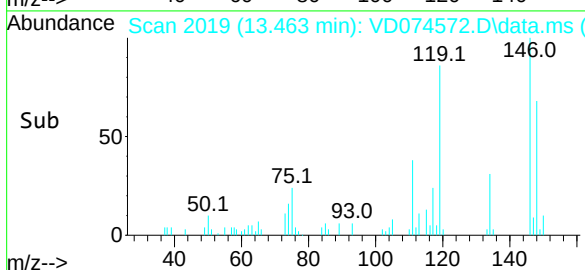
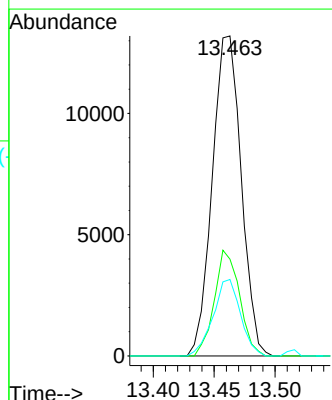
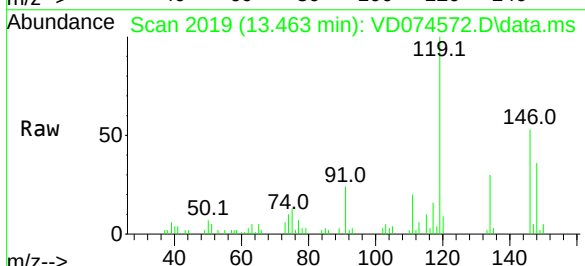
Tgt Ion:119 Resp: 21805

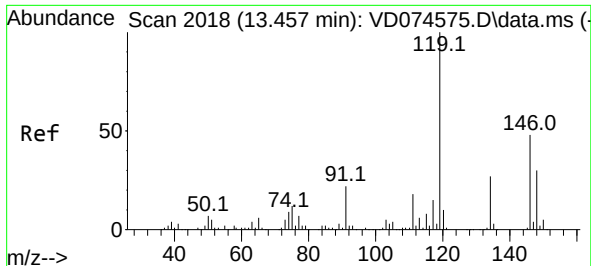
Ion Ratio Lower Upper

119 100

134 28.7 13.5 40.4

91 22.7 10.8 32.4

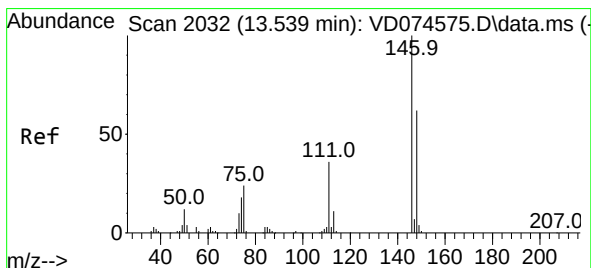
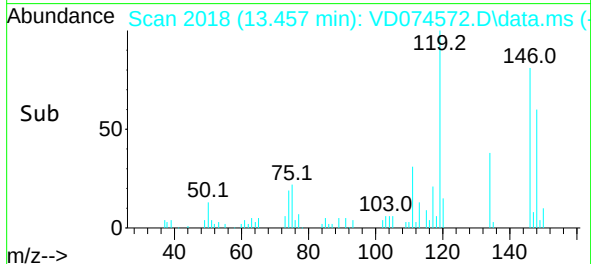
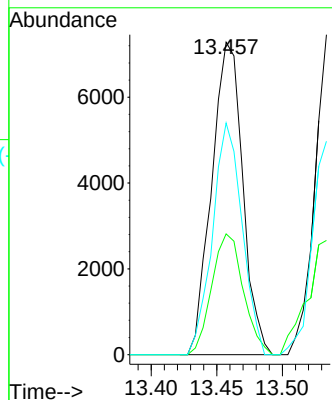
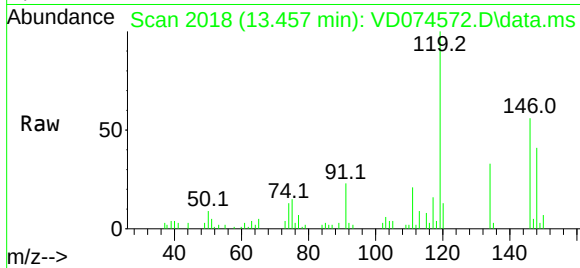




#87
1,3-Dichlorobenzene
Concen: 4.671 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

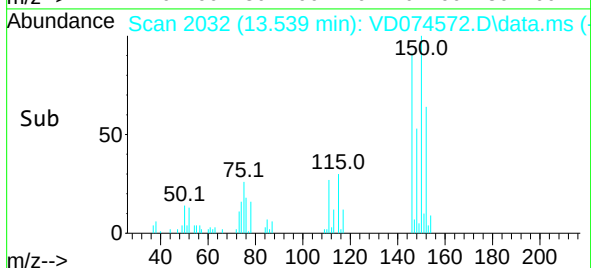
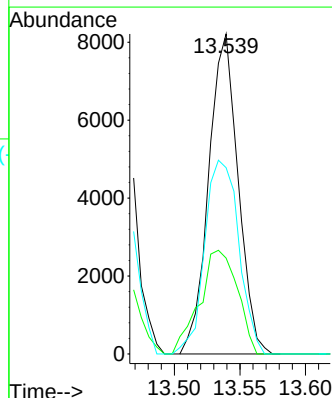
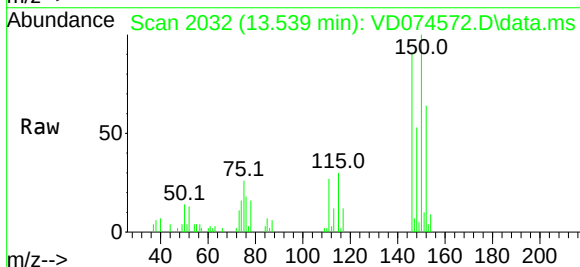
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

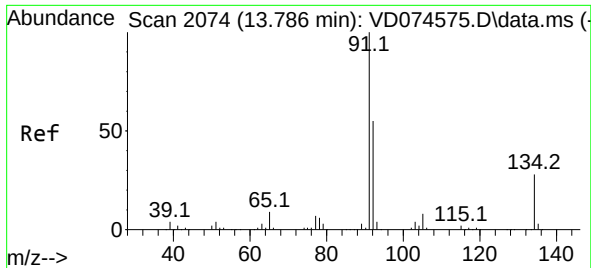
Tgt Ion:146 Resp: 11983
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 70.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 5.114 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.005 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:146 Resp: 12844
Ion Ratio Lower Upper
146 100
111 41.6 17.7 53.1
148 70.1 32.3 96.9

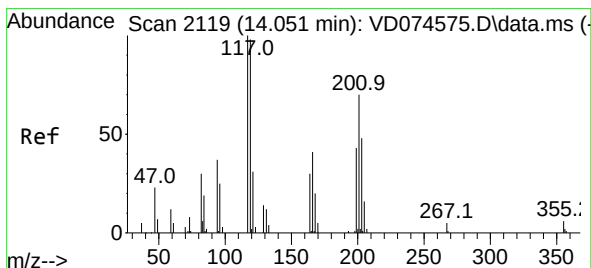
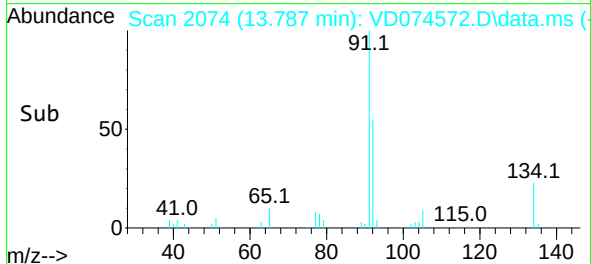
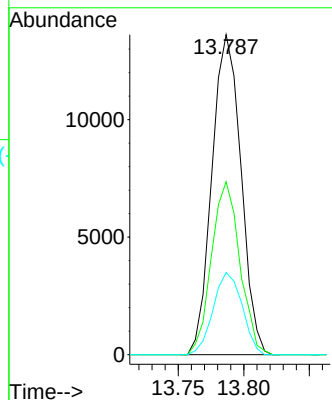
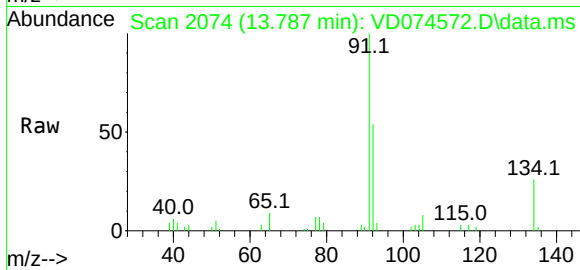




#89
n-Butylbenzene
Concen: 4.620 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

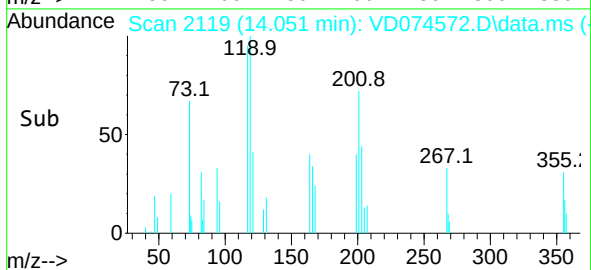
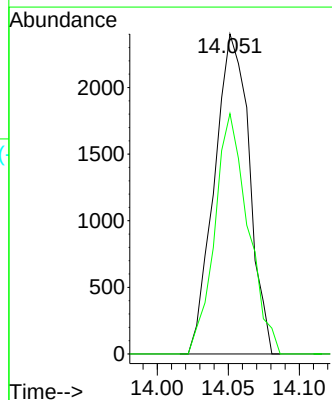
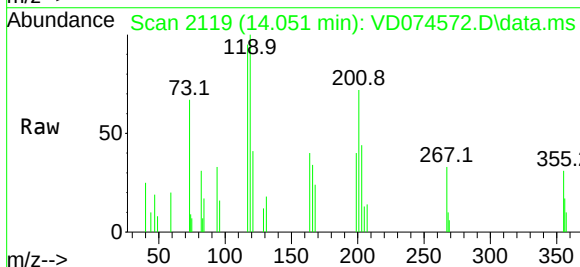
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

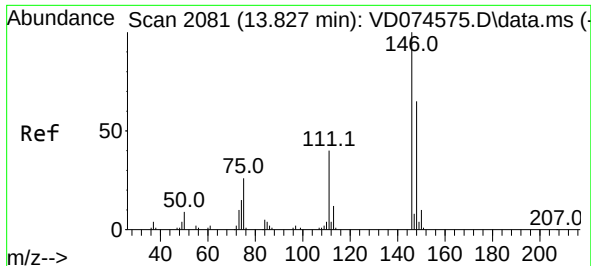
Tgt Ion: 91 Resp: 20962
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 25.6 13.4 40.2



#90
Hexachloroethane
Concen: 4.721 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion: 117 Resp: 4092
Ion Ratio Lower Upper
117 100
201 72.2 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 4.807 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

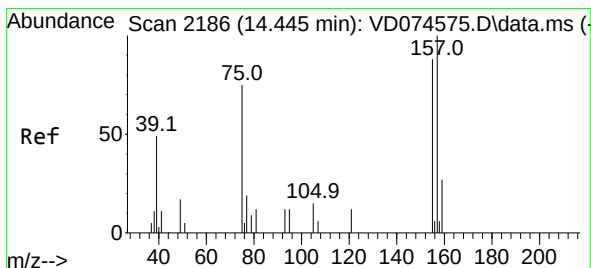
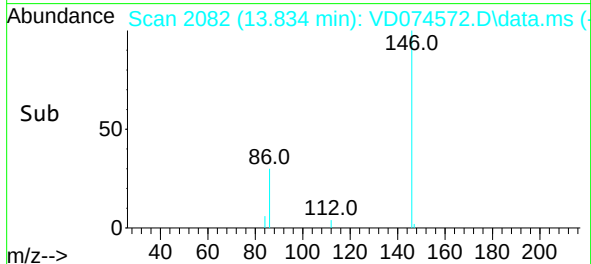
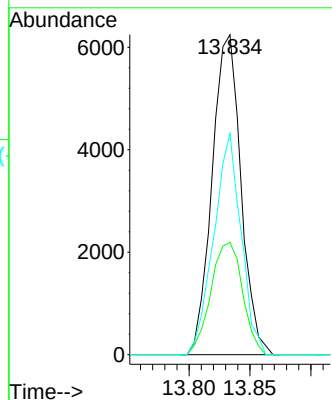
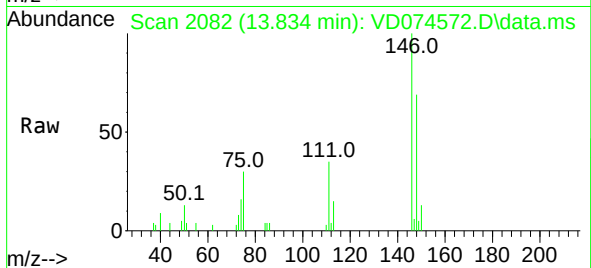
Tgt Ion:146 Resp: 10288

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.5

148 65.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.676 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074572.D

Acq: 19 Oct 2022 10:29

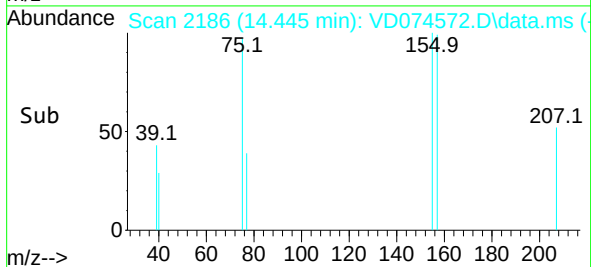
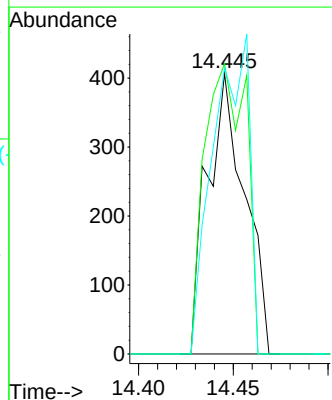
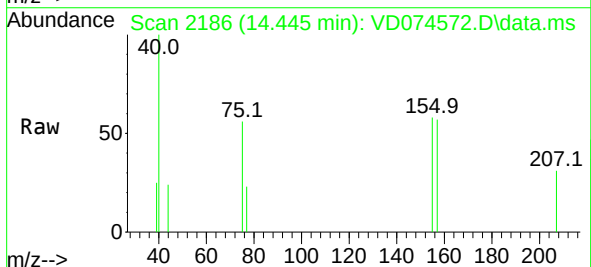
Tgt Ion: 75 Resp: 560

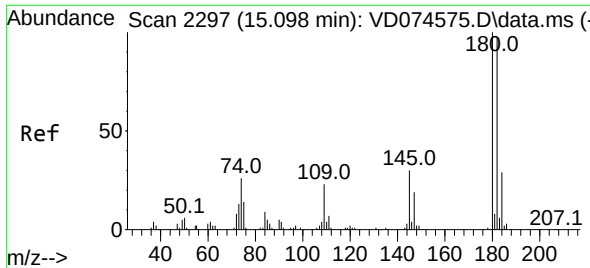
Ion Ratio Lower Upper

75 100

155 113.9 51.2 153.8

157 108.7 68.2 204.5

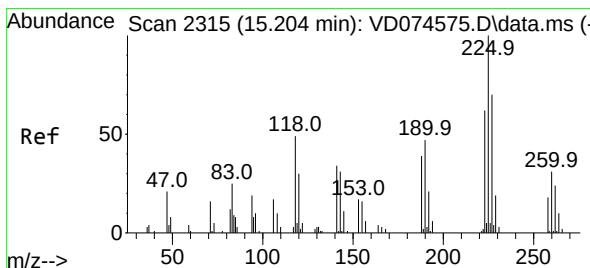
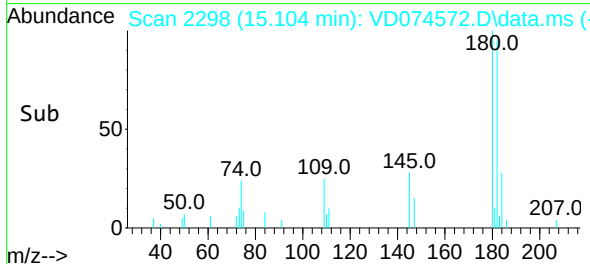
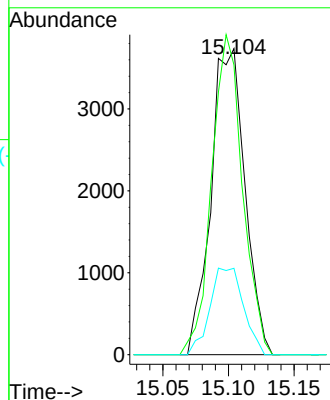
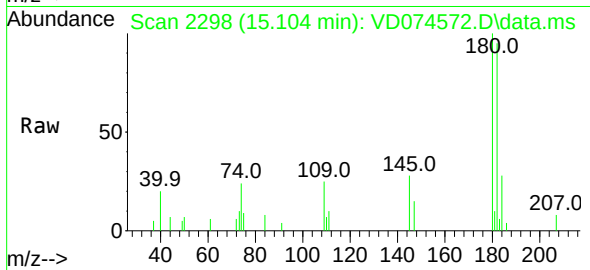




#93
 1,2,4-Trichlorobenzene
 Concen: 4.778 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

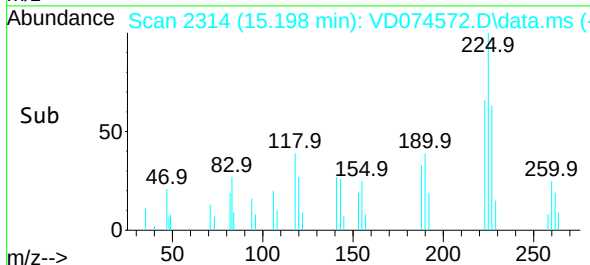
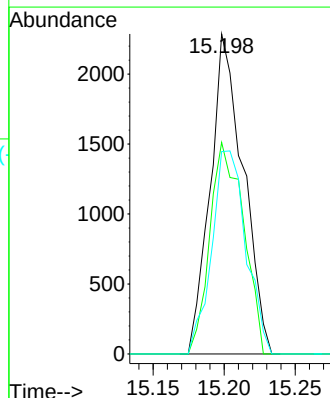
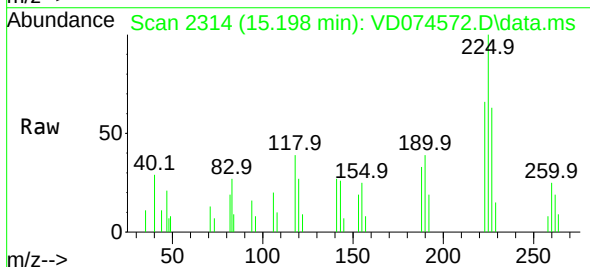
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

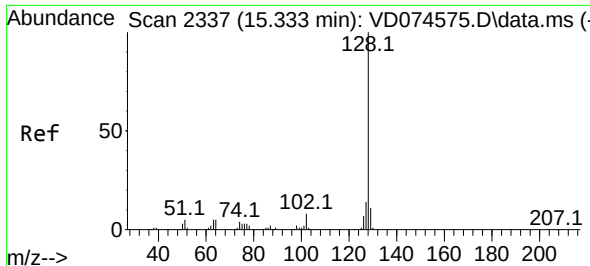
Tgt Ion:180 Resp: 6745
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.6
 145 28.0 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 4.747 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD074572.D
 Acq: 19 Oct 2022 10:29

Tgt Ion:225 Resp: 3687
 Ion Ratio Lower Upper
 225 100
 223 67.3 31.9 95.5
 227 66.1 32.6 97.8

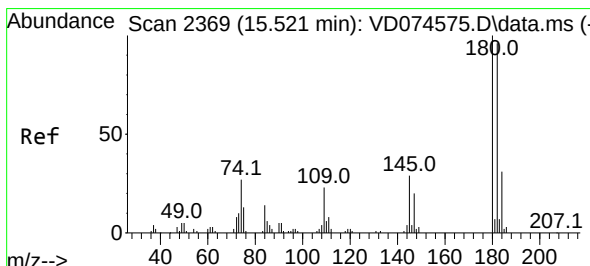
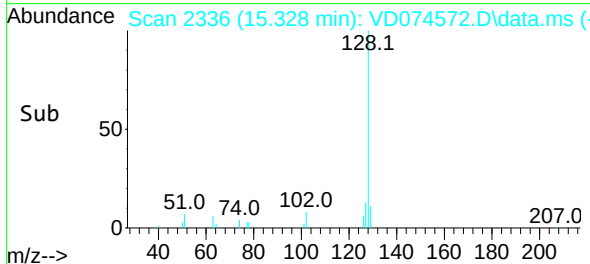
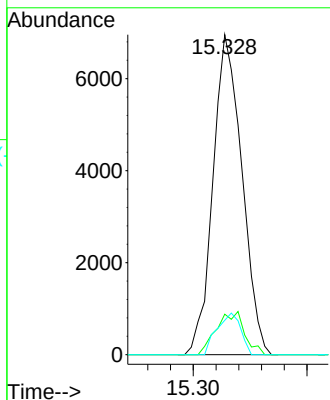
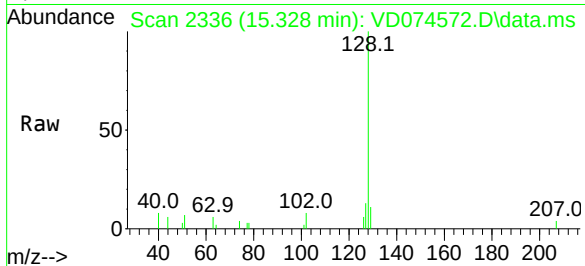




#95
Naphthalene
Concen: 4.639 ug/l
RT: 15.328 min Scan# 21329
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	12329
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.6	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 4.649 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074572.D
Acq: 19 Oct 2022 10:29

Tgt Ion:	180	Resp:	5626
Ion Ratio	Lower	Upper	
180	100		
182	100.8	46.7	140.1
145	32.1	14.9	44.7

