

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077158.D
 Acq On : 19 Sep 2023 20:44
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 08:34:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	183274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	167580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105741	57.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.340%	
35) Dibromofluoromethane	7.805	113	121676	55.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.269	98	433005	55.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.575	95	131583	54.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.540%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	65264	34.458	ug/l	96
3) Chloromethane	2.146	50	138966	39.692	ug/l	96
4) Vinyl Chloride	2.281	62	150733	40.248	ug/l	98
5) Bromomethane	2.681	94	116072	42.554	ug/l	98
6) Chloroethane	2.828	64	106495	45.699	ug/l	97
7) Trichlorofluoromethane	3.170	101	137578	40.643	ug/l	97
8) Diethyl Ether	3.593	74	40061	36.668	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	83169	39.298	ug/l	99
10) Methyl Iodide	4.158	142	122519	40.503	ug/l	92
11) Tert butyl alcohol	5.064	59	22012	208.730	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	79582	37.327	ug/l	96
13) Acrolein	3.799	56	12174	163.710	ug/l	94
14) Allyl chloride	4.558	41	100321	38.568	ug/l	93
15) Acrylonitrile	5.258	53	89331	194.994	ug/l	99
16) Acetone	4.022	43	79135	187.197	ug/l	91
17) Carbon Disulfide	4.264	76	267499	38.113	ug/l	100
18) Methyl Acetate	4.558	43	65139	40.749	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	185306	40.167	ug/l	97
20) Methylene Chloride	4.799	84	150620	55.840	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	102106	39.619	ug/l	94
22) Diisopropyl ether	6.216	45	242282	41.197	ug/l	95
23) Vinyl Acetate	6.158	43	469272	199.592	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	169112	40.064	ug/l	98
25) 2-Butanone	7.081	43	112402	202.106	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	139549	38.948	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	115982	40.032	ug/l	96
28) Bromochloromethane	7.428	49	67351	51.962	ug/l	88
29) Tetrahydrofuran	7.446	42	66599	204.844	ug/l	88
30) Chloroform	7.593	83	187878	41.300	ug/l	97
31) Cyclohexane	7.875	56	118424	36.597	ug/l	92
32) 1,1,1-Trichloroethane	7.787	97	153798	40.503	ug/l	98
36) 1,1-Dichloropropene	8.005	75	131827	39.826	ug/l	97
37) Ethyl Acetate	7.169	43	46959	36.977	ug/l	97
38) Carbon Tetrachloride	7.987	117	124350	38.222	ug/l	96
39) Methylcyclohexane	9.269	83	140006	36.761	ug/l	94
40) Benzene	8.252	78	407389	39.780	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22846	33.704	ug/l	93
42) 1,2-Dichloroethane	8.328	62	101199	39.857	ug/l	99
43) Isopropyl Acetate	8.363	43	92697	39.644	ug/l	93
44) Trichloroethene	9.028	130	109128	38.501	ug/l	100
45) 1,2-Dichloropropane	9.304	63	99877	40.153	ug/l	98
46) Dibromomethane	9.393	93	58636	40.566	ug/l	93
47) Bromodichloromethane	9.581	83	141326	40.460	ug/l	96
48) Methyl methacrylate	9.381	41	42576	40.073	ug/l	85
49) 1,4-Dioxane	9.387	88	11686	895.674	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	244871	200.244	ug/l	90
52) Toluene	10.334	92	261742	39.951	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	128830	39.479	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	156504	40.030	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	81560	41.486	ug/l	96
56) Ethyl methacrylate	10.599	69	82742	39.175	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	129898	40.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	203498	193.843	ug/l	98
59) 2-Hexanone	10.922	43	172481	196.582	ug/l	88
60) Dibromochloromethane	11.075	129	98200	40.782	ug/l	95
61) 1,2-Dibromoethane	11.181	107	76994	40.511	ug/l	99
64) Tetrachloroethene	10.810	164	95134	39.695	ug/l	94
65) Chlorobenzene	11.604	112	279936	38.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	105767	39.896	ug/l	97
67) Ethyl Benzene	11.681	91	486117	39.029	ug/l	96
68) m/p-Xylenes	11.793	106	395712	79.348	ug/l	92
69) o-Xylene	12.122	106	182823	39.941	ug/l	95
70) Styrene	12.134	104	325102	41.688	ug/l	97
71) Bromoform	12.298	173	58984	40.139	ug/l #	96
73) Isopropylbenzene	12.422	105	457312	36.932	ug/l	98
74) N-amyl acetate	12.234	43	87383	37.568	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	90611	38.776	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	106457	79.639	ug/l #	100
77) Bromobenzene	12.698	156	116571	37.808	ug/l	95
78) n-propylbenzene	12.763	91	570381	37.685	ug/l	96
79) 2-Chlorotoluene	12.851	91	312937	37.494	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	393490	38.050	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	27897	39.502	ug/l	97
82) 4-Chlorotoluene	12.945	91	335556	38.253	ug/l	97
83) tert-Butylbenzene	13.169	119	330713	37.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	404786	38.602	ug/l	97
85) sec-Butylbenzene	13.345	105	494498	37.299	ug/l	97
86) p-Isopropyltoluene	13.463	119	422420	37.558	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	237345	37.431	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	234228	37.544	ug/l	99
89) n-Butylbenzene	13.787	91	374226	36.069	ug/l	99
90) Hexachloroethane	14.051	117	83361	37.373	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	208690	38.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11930	38.235	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	119630	35.666	ug/l	98
94) Hexachlorobutadiene	15.204	225	59247	33.333	ug/l	98
95) Naphthalene	15.334	128	223104	36.274	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	109652	36.780	ug/l	99

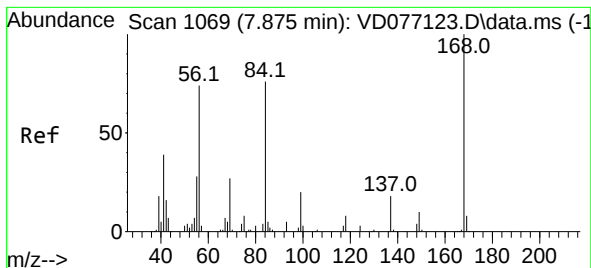
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

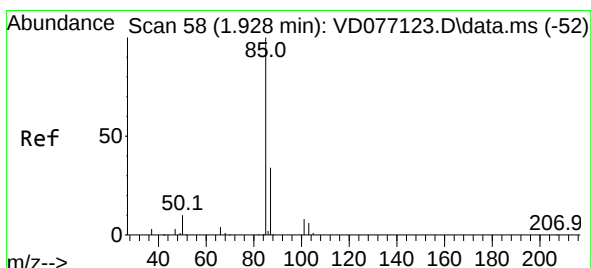
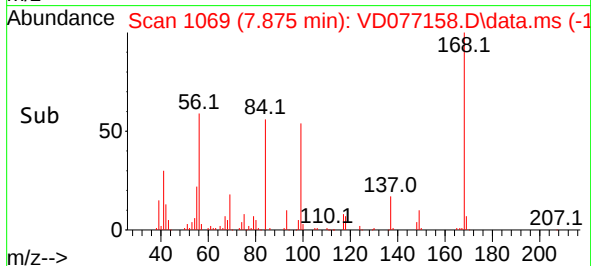
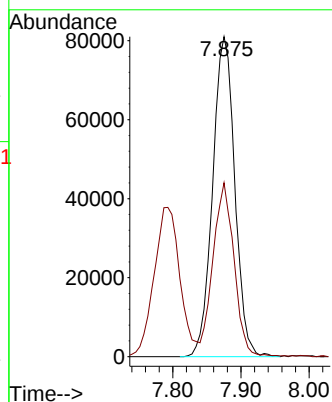
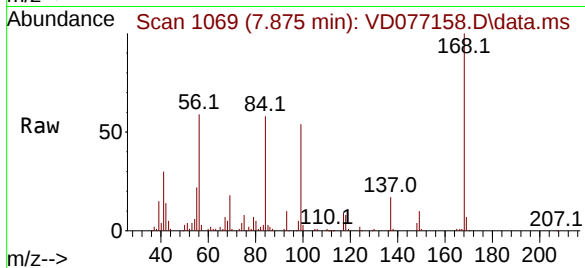
VSTDCCC050EC

Tgt Ion:168 Resp: 183274

Ion Ratio Lower Upper

168 100

99 54.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 34.458 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077158.D

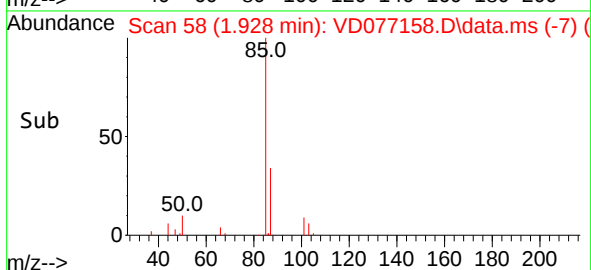
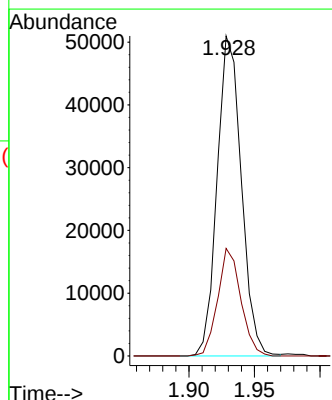
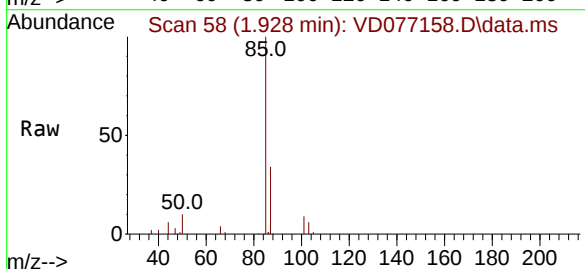
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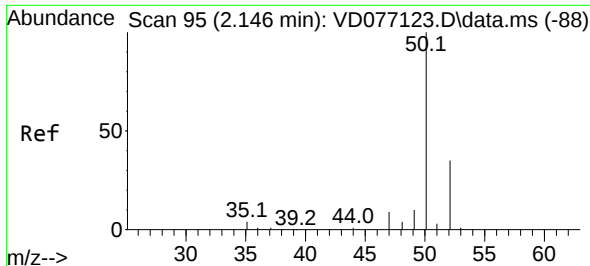
Tgt Ion: 85 Resp: 65264

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.0





#3

Chloromethane

Concen: 39.692 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

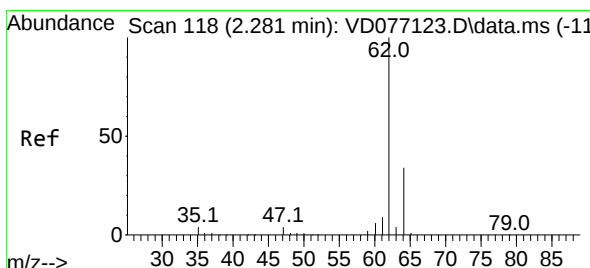
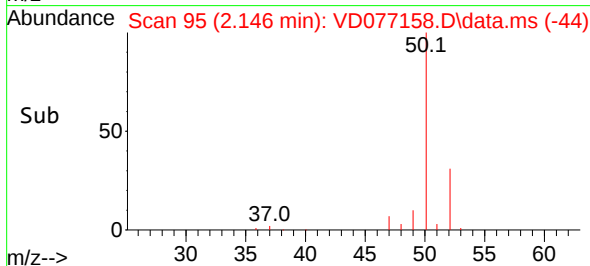
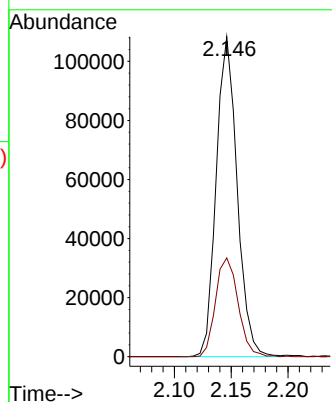
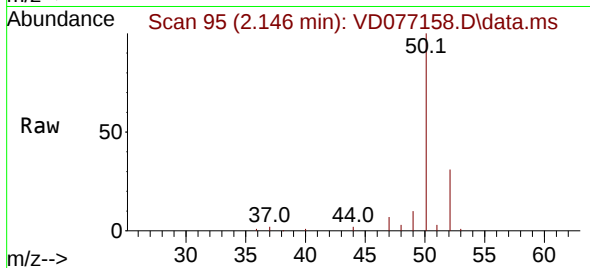
VSTDCCC050EC

Tgt Ion: 50 Resp: 138966

Ion Ratio Lower Upper

50 100

52 30.8 26.6 40.0



#4

Vinyl Chloride

Concen: 40.248 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077158.D

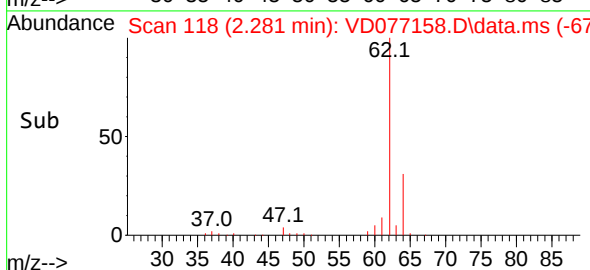
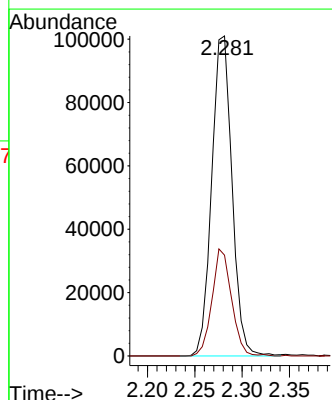
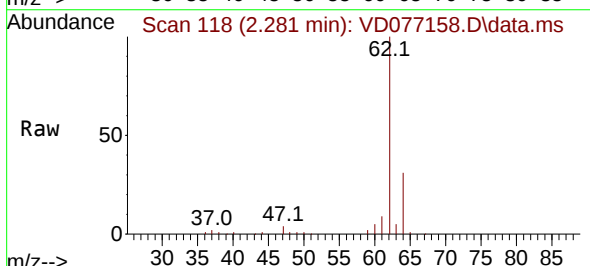
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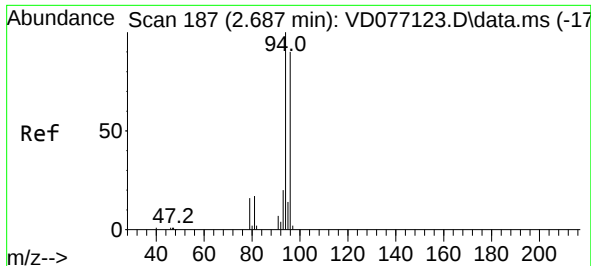
Tgt Ion: 62 Resp: 150733

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0

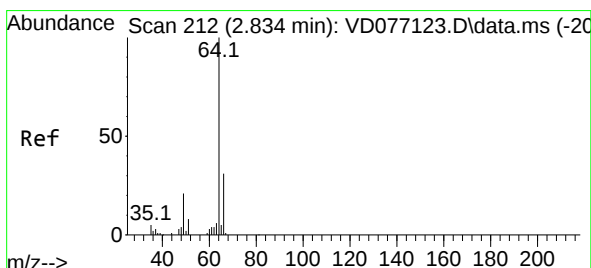
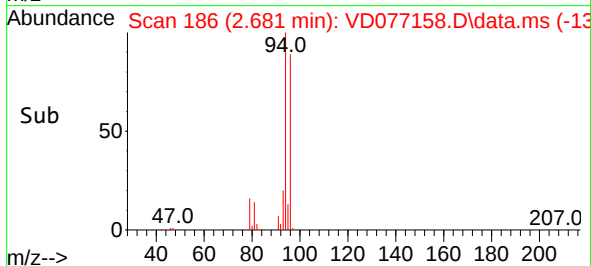
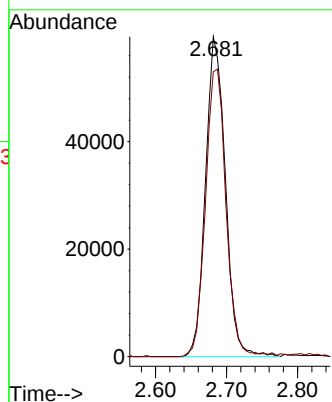
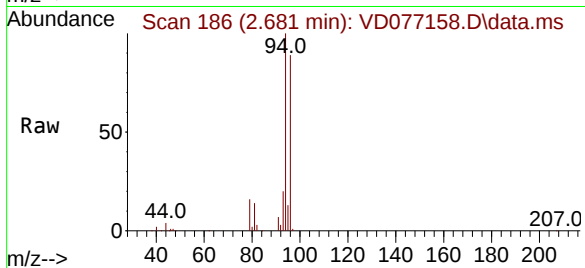




#5
Bromomethane
Concen: 42.554 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

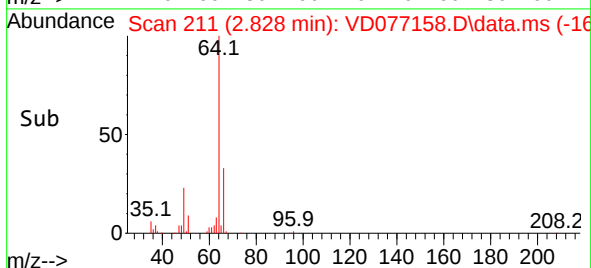
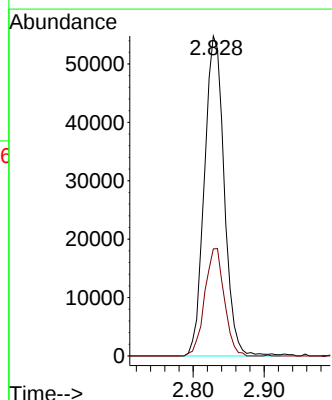
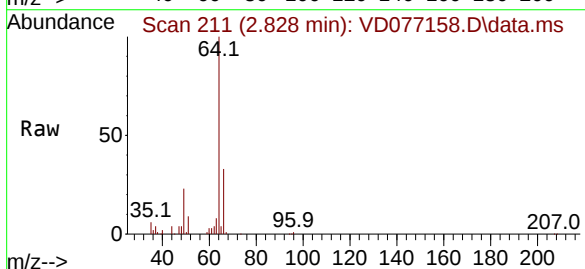
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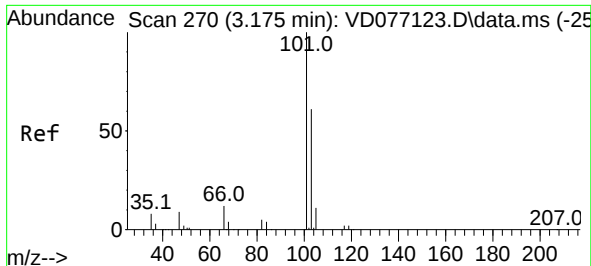
Tgt Ion: 94 Resp: 116072
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 45.699 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 64 Resp: 106495
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

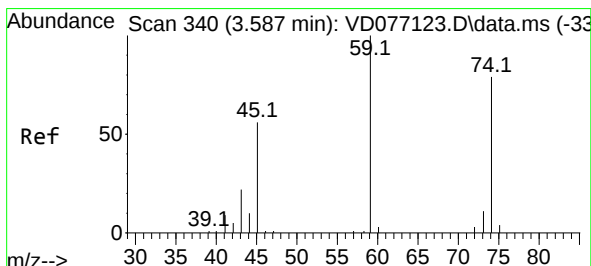
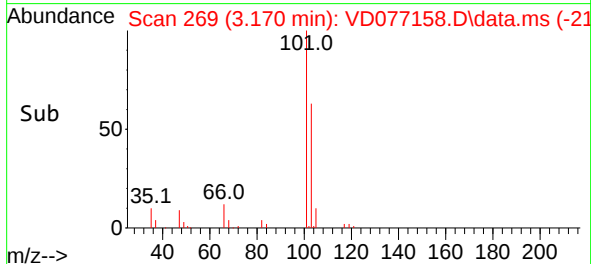
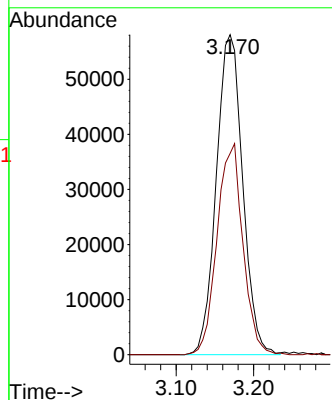
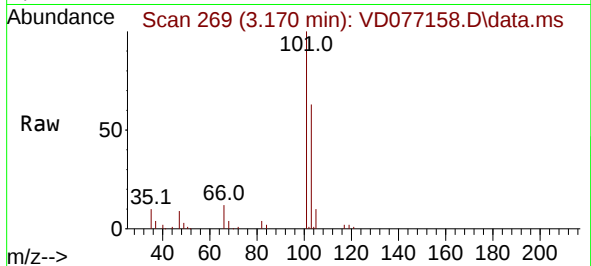




#7
 Trichlorofluoromethane
 Concen: 40.643 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

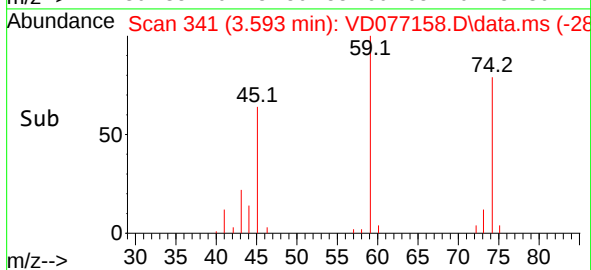
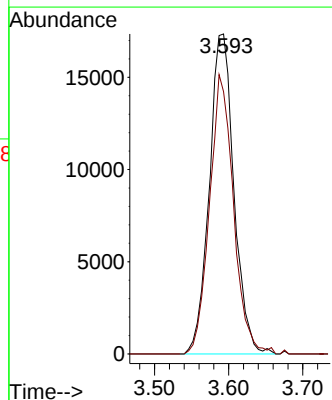
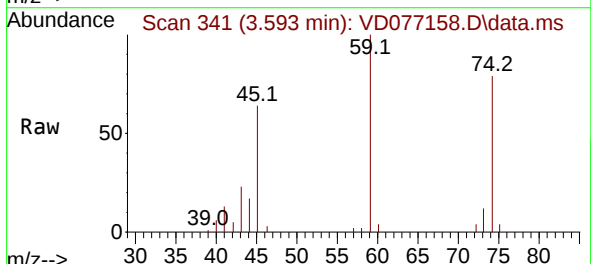
Instrument :
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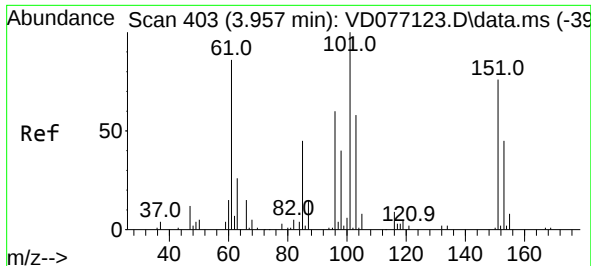
Tgt Ion:101 Resp: 137578
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 36.668 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Tgt Ion: 74 Resp: 40061
 Ion Ratio Lower Upper
 74 100
 45 84.8 37.5 112.7

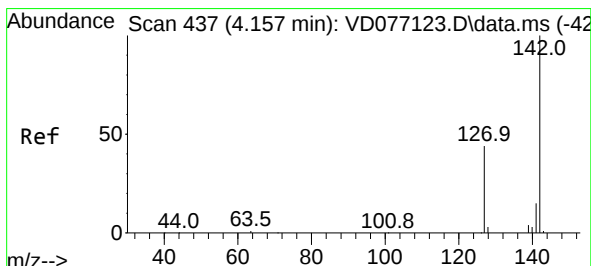
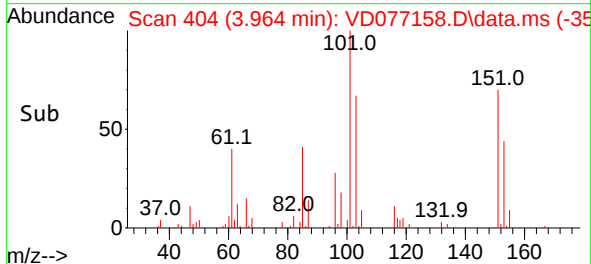
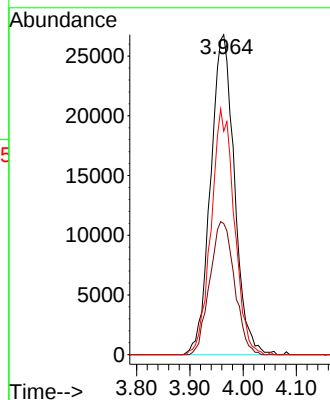
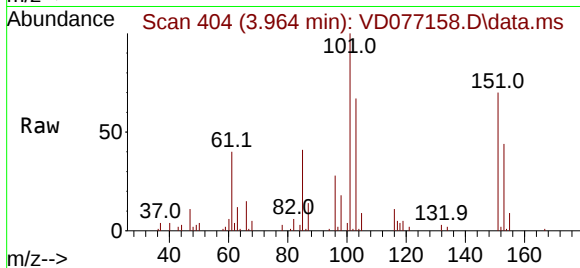




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.298 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077158.D
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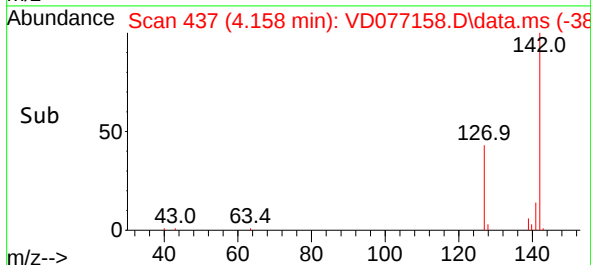
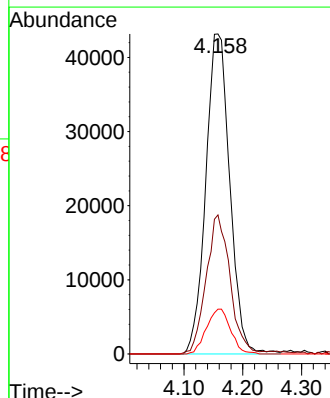
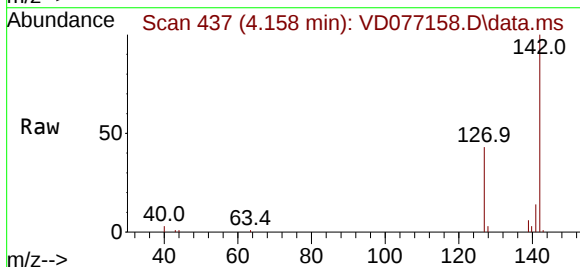
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

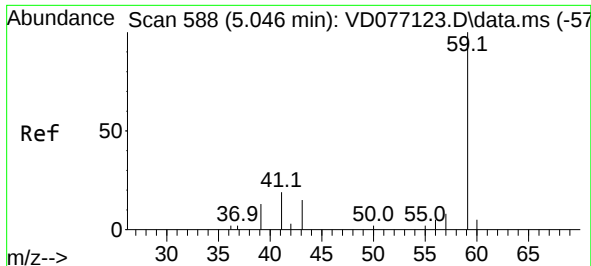
Tgt Ion:101 Resp: 83169
Ion Ratio Lower Upper
101 100
85 43.1 33.8 50.6
151 74.8 59.8 89.6



#10
Methyl Iodide
Concen: 40.503 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:142 Resp: 122519
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 14.1 11.1 16.7

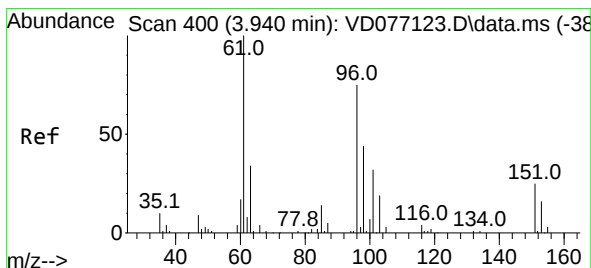
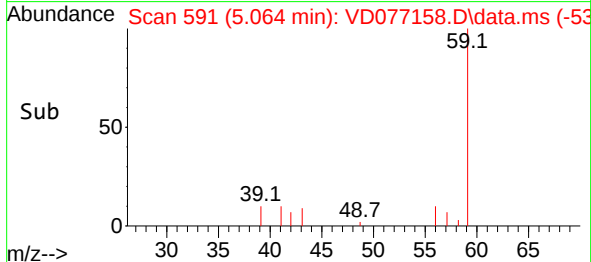
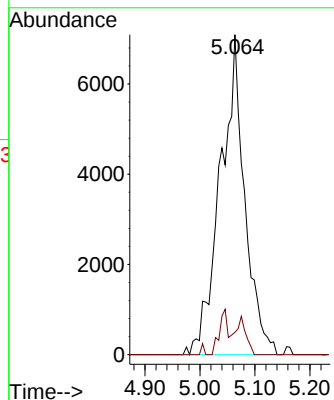
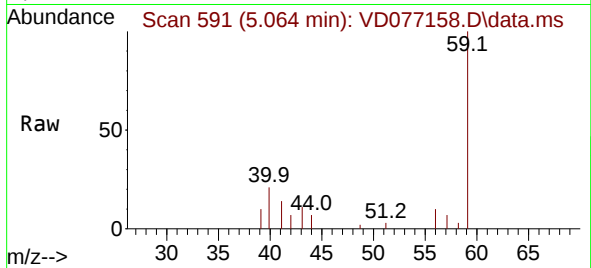




#11
Tert butyl alcohol
Concen: 208.730 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

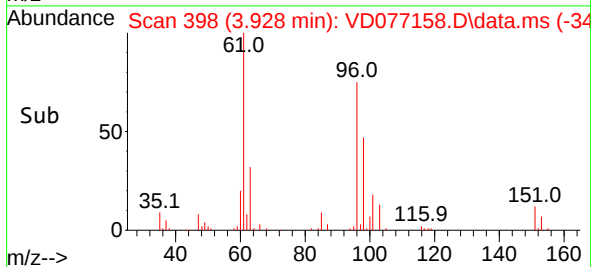
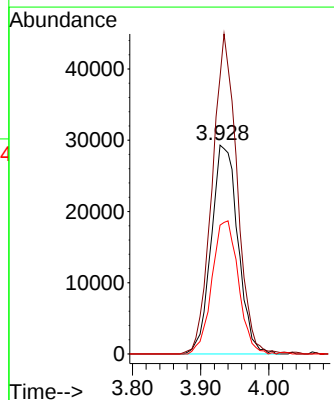
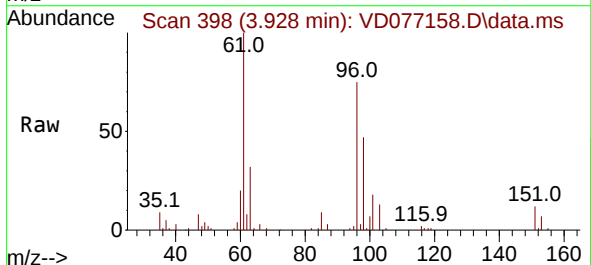
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

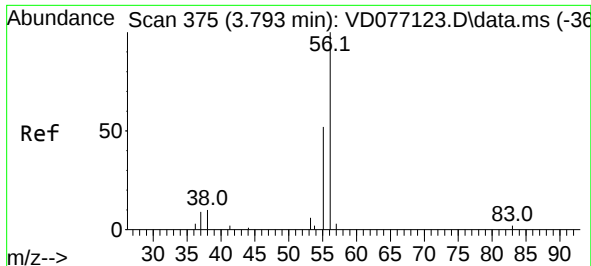
Tgt Ion: 59 Resp: 22012
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 37.327 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.012 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 96 Resp: 79582
Ion Ratio Lower Upper
96 100
61 132.6 100.6 150.8
98 61.7 50.2 75.2





#13

Acrolein

Concen: 163.710 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

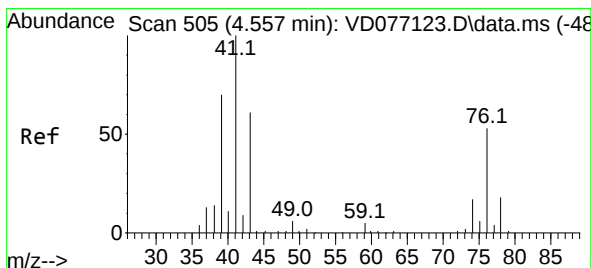
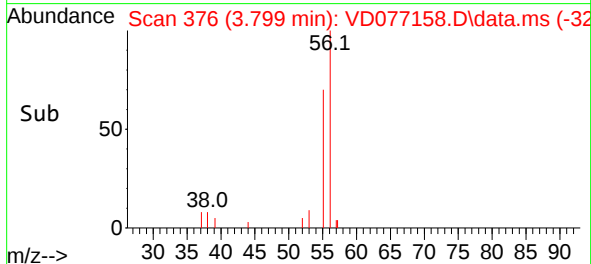
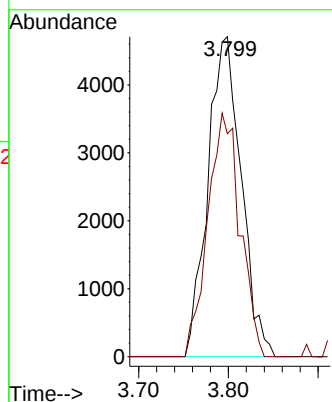
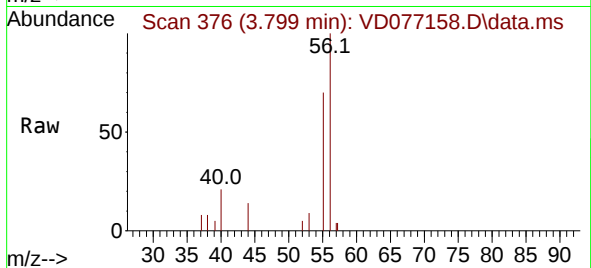
VSTDCCC050EC

Tgt Ion: 56 Resp: 12174

Ion Ratio Lower Upper

56 100

55 73.6 55.1 82.7



#14

Allyl chloride

Concen: 38.568 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

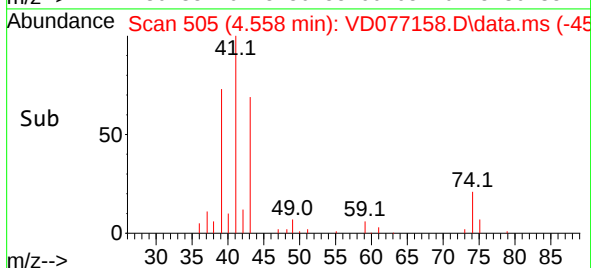
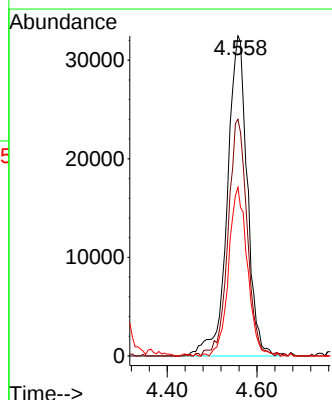
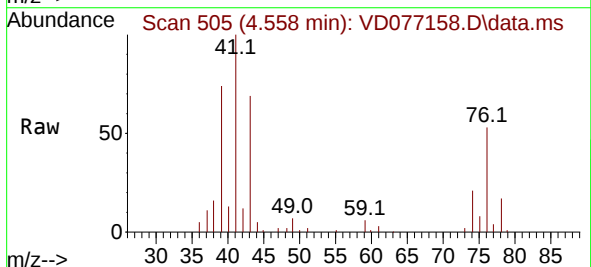
Tgt Ion: 41 Resp: 100321

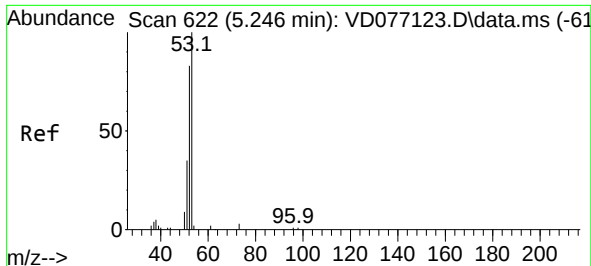
Ion Ratio Lower Upper

41 100

39 70.7 53.8 80.6

76 49.9 45.8 68.8

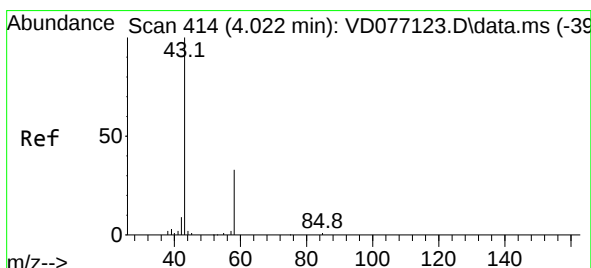
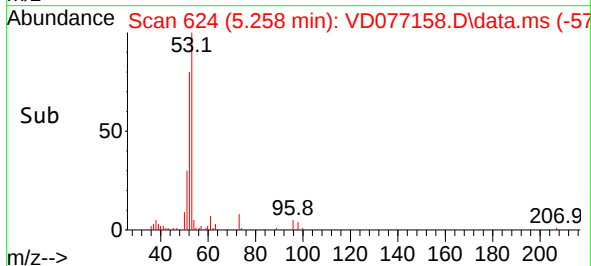
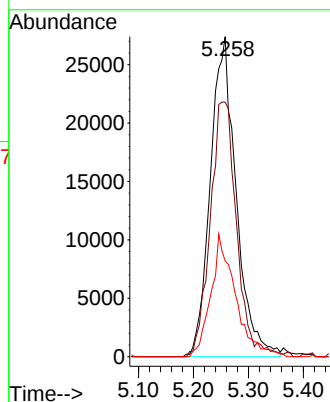
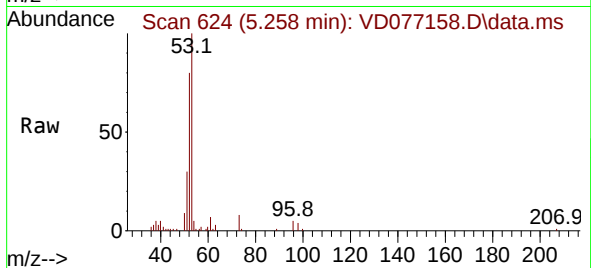




#15
Acrylonitrile
Concen: 194.994 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

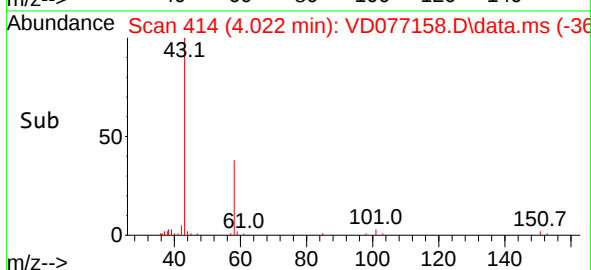
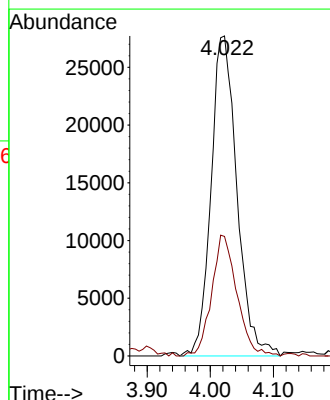
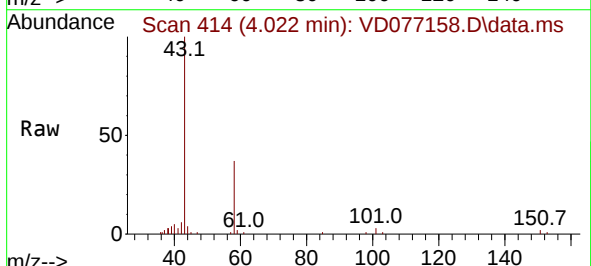
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

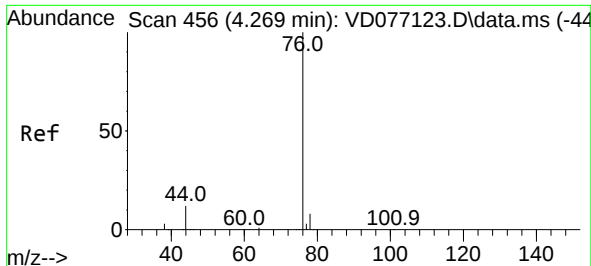
Tgt Ion: 53 Resp: 89331
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 187.197 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 43 Resp: 79135
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1





#17

Carbon Disulfide

Concen: 38.113 ug/l

RT: 4.264 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

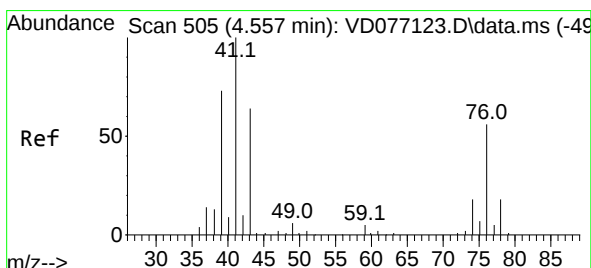
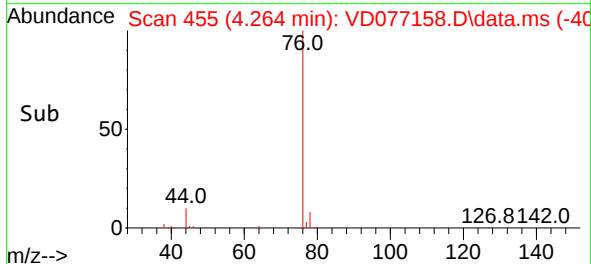
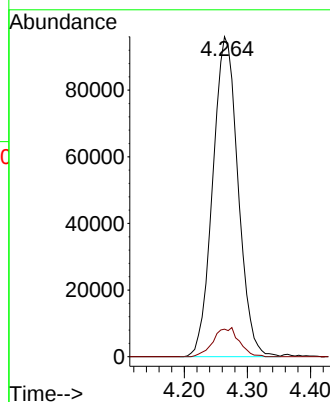
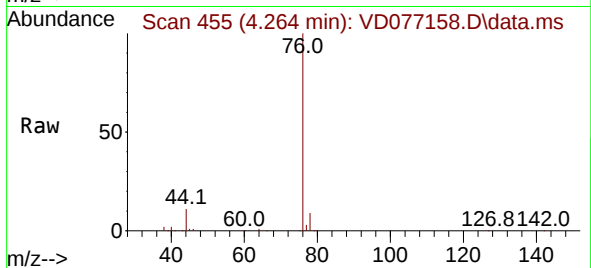
VSTDCCC050EC

Tgt Ion: 76 Resp: 267499

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 40.749 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077158.D

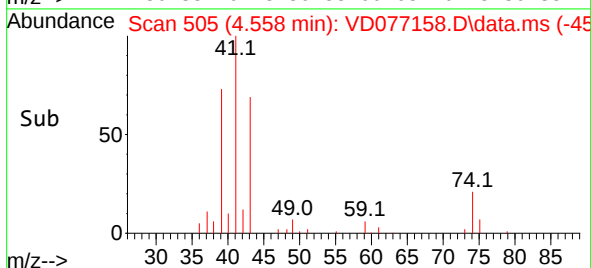
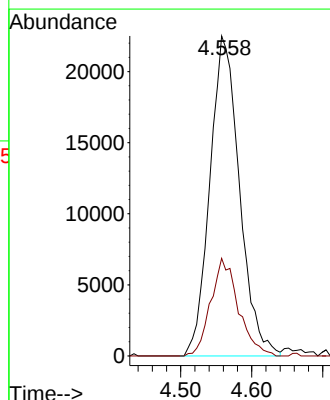
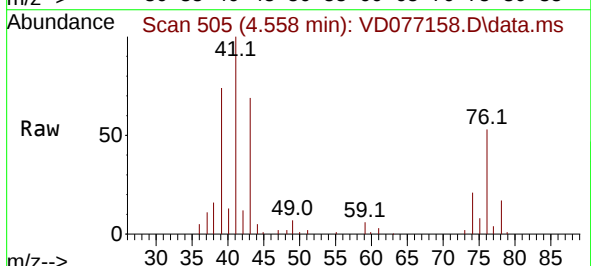
Acq: 19 Sep 2023 20:44

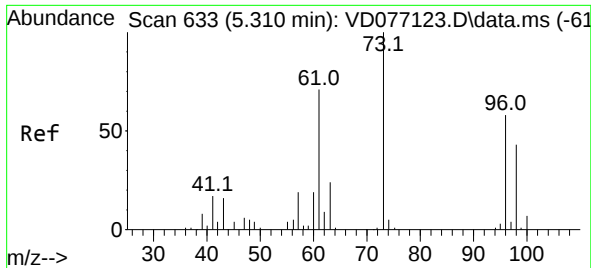
Tgt Ion: 43 Resp: 65139

Ion Ratio Lower Upper

43 100

74 28.5 26.4 39.6

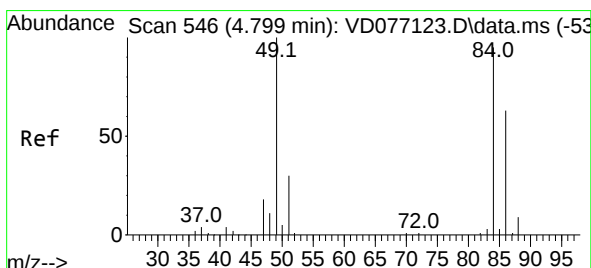
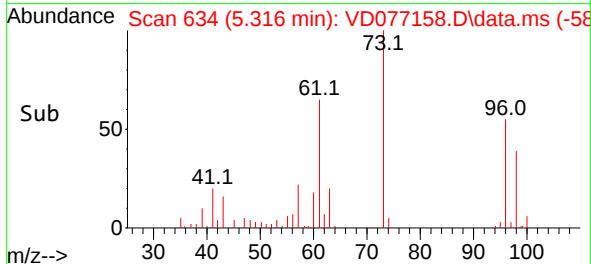
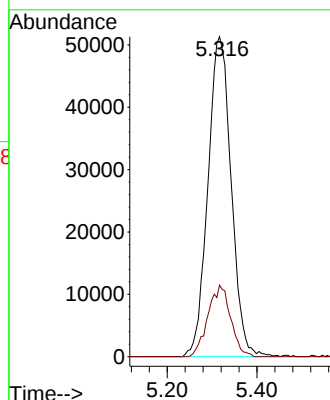
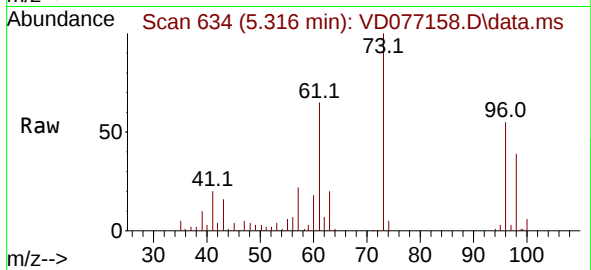




#19
Methyl tert-butyl Ether
Concen: 40.167 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

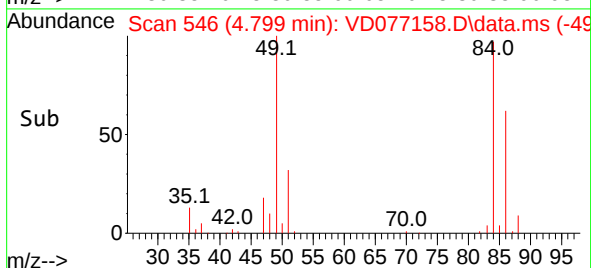
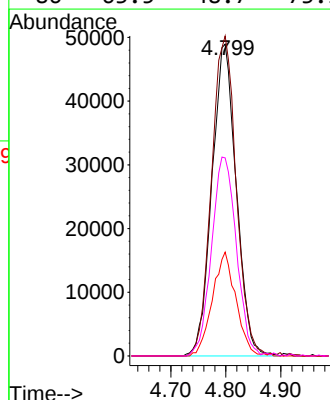
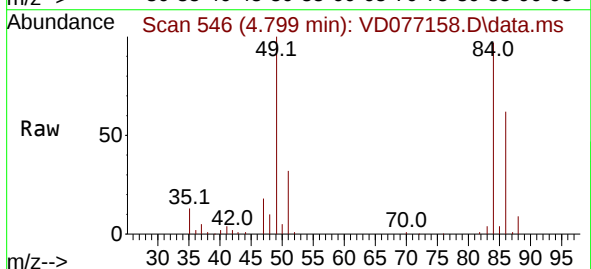
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

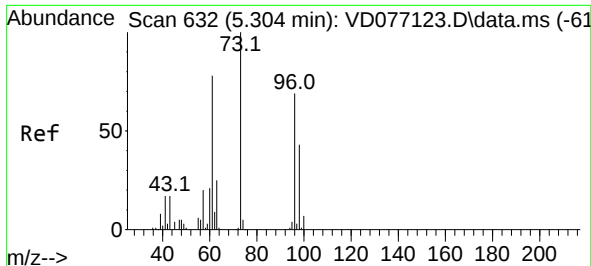
Tgt Ion: 73 Resp: 185306
Ion Ratio Lower Upper
73 100
57 22.4 16.6 25.0



#20
Methylene Chloride
Concen: 55.840 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 84 Resp: 150620
Ion Ratio Lower Upper
84 100
49 102.6 71.4 107.2
51 33.3 24.5 36.7
86 63.5 48.7 73.1

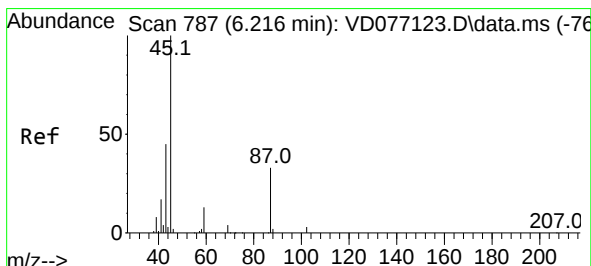
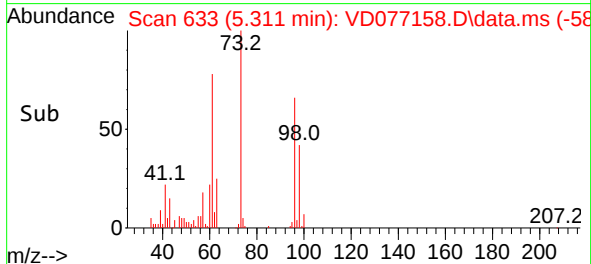
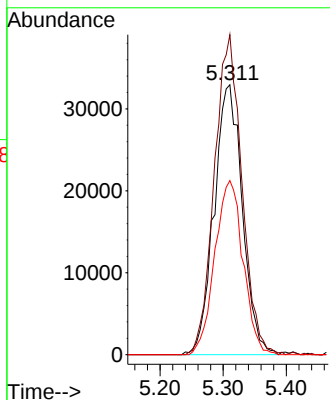
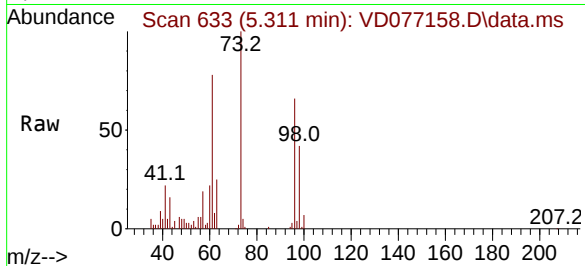




#21
trans-1,2-Dichloroethene
Concen: 39.619 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

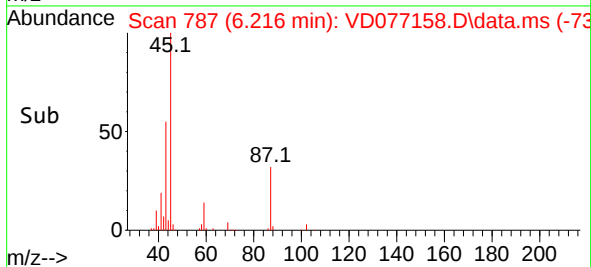
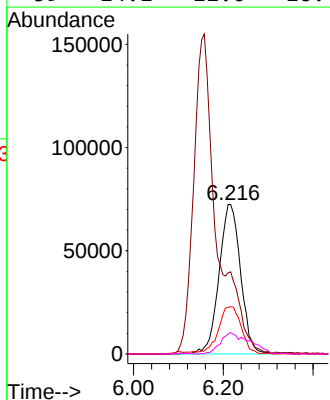
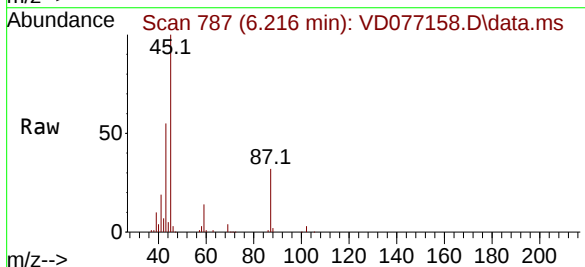
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

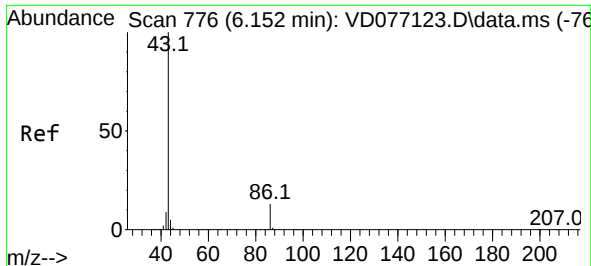
Tgt Ion: 96 Resp: 102106
Ion Ratio Lower Upper
96 100
61 118.6 89.3 133.9
98 64.5 48.6 73.0



#22
Diisopropyl ether
Concen: 41.197 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 45 Resp: 242282
Ion Ratio Lower Upper
45 100
43 53.8 40.0 60.0
87 31.6 28.2 42.4
59 14.1 11.0 16.4

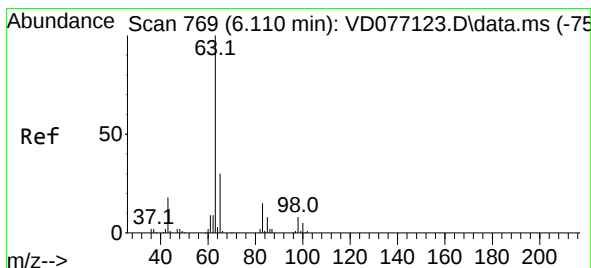
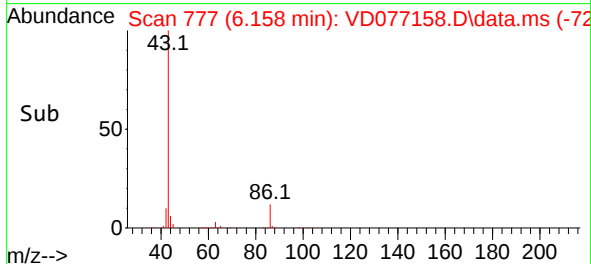
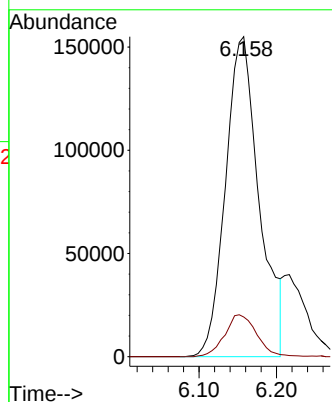
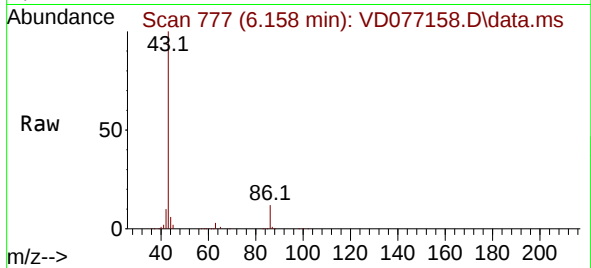




#23
 Vinyl Acetate
 Concen: 199.592 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

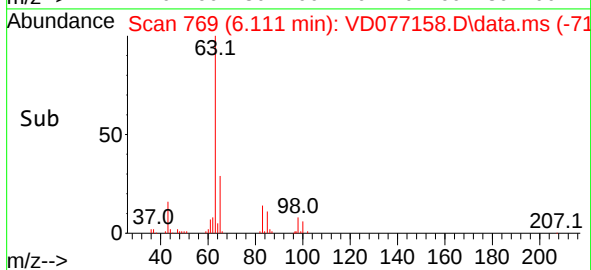
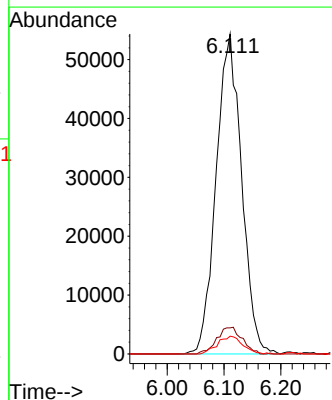
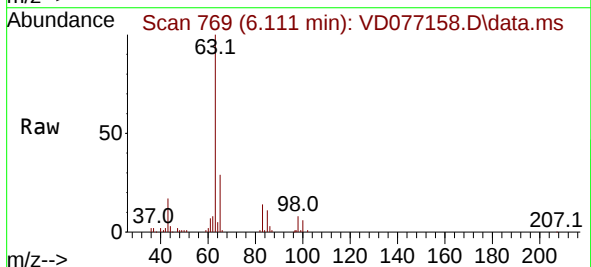
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

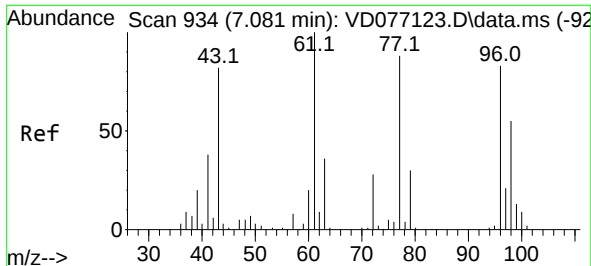
Tgt Ion: 43 Resp: 469272
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 40.064 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Tgt Ion: 63 Resp: 169112
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 5.5 2.5 7.5

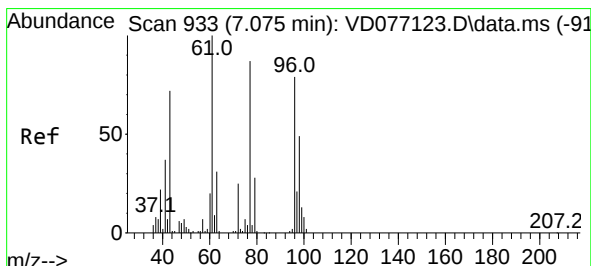
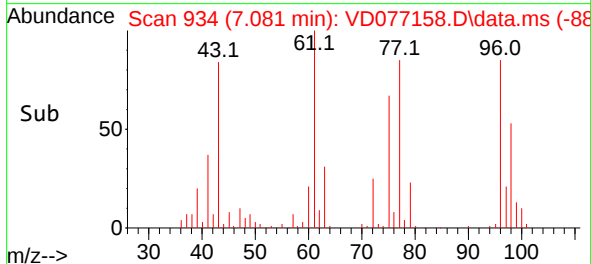
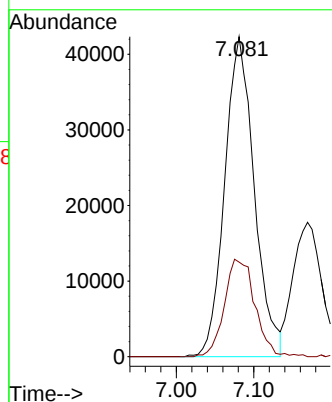
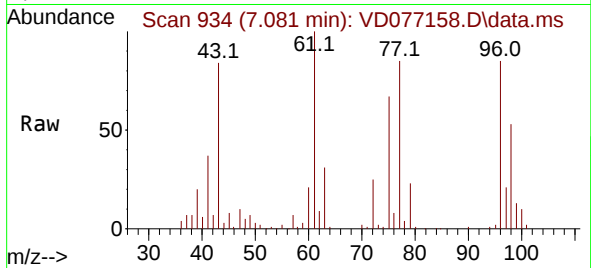




#25
2-Butanone
Concen: 202.106 ug/l
RT: 7.081 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

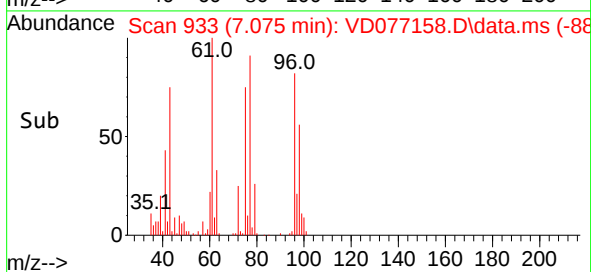
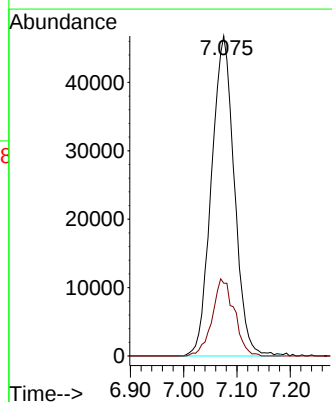
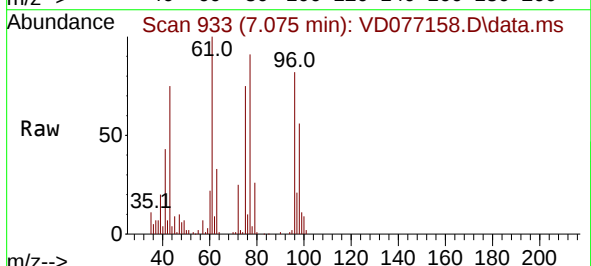
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

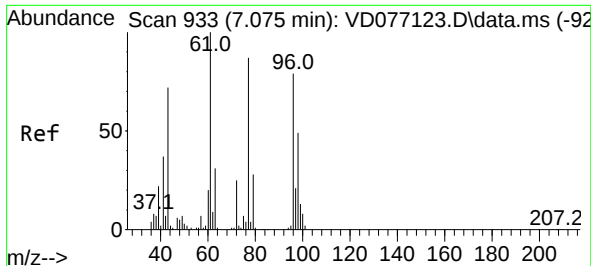
Tgt Ion: 43 Resp: 112402
Ion Ratio Lower Upper
43 100
72 29.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 38.948 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 77 Resp: 139549
Ion Ratio Lower Upper
77 100
97 23.3 13.2 39.6



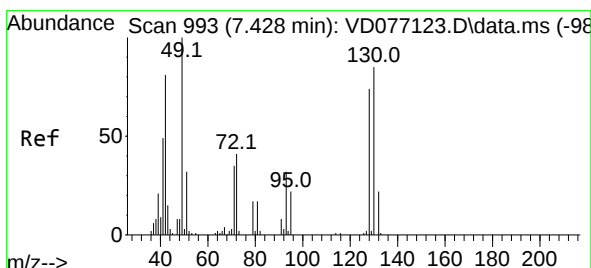
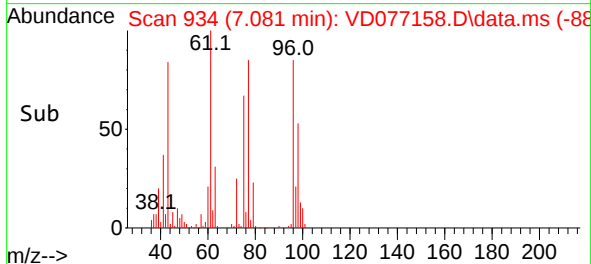
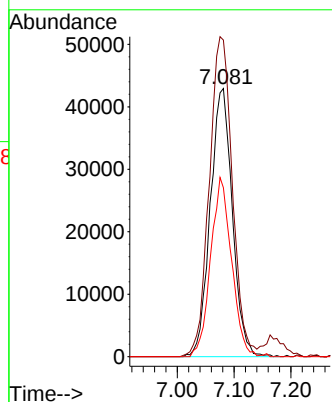
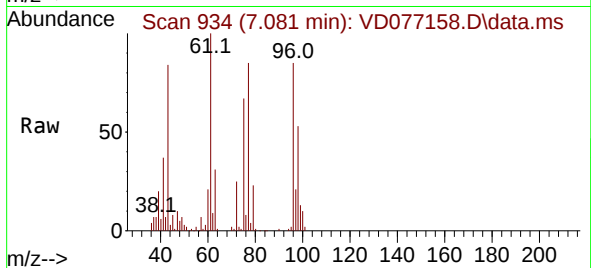


#27
 cis-1,2-Dichloroethene
 Concen: 40.032 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 115982

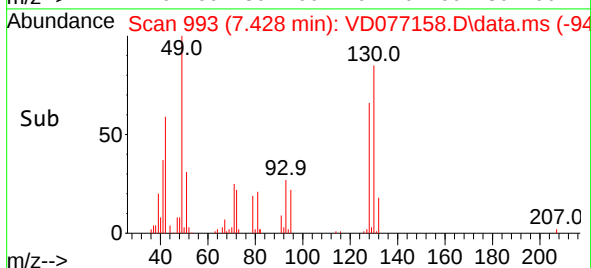
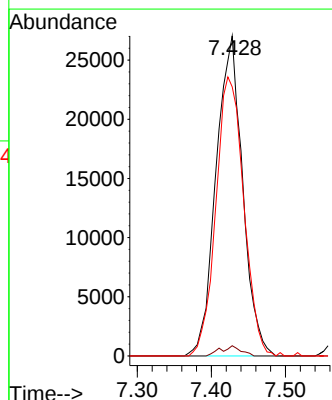
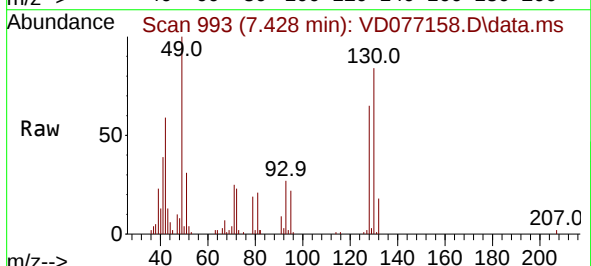
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	239.2
98	63.1	0.0	128.6

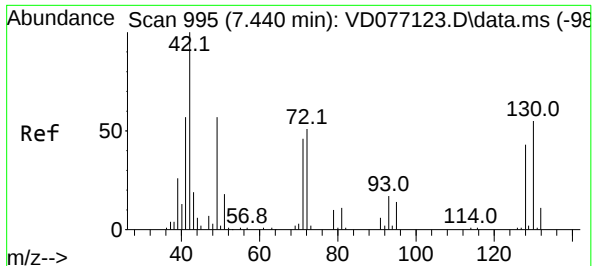


#28
 Bromochloromethane
 Concen: 51.962 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Tgt Ion: 49 Resp: 67351

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	91.3	83.2	124.8





#29

Tetrahydrofuran

Concen: 204.844 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

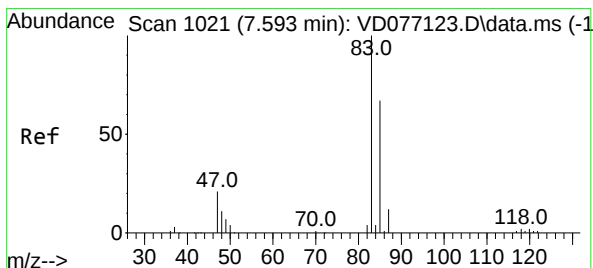
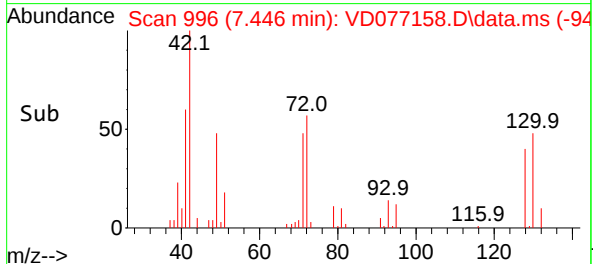
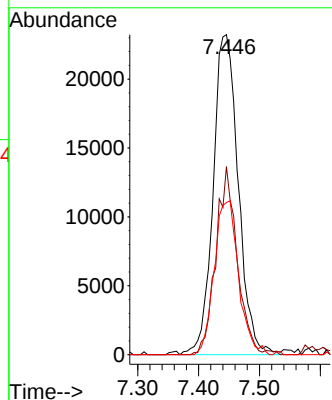
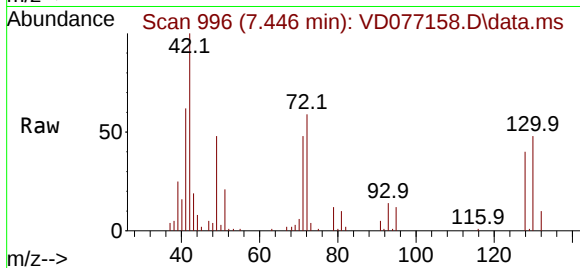
Tgt Ion: 42 Resp: 66599

Ion Ratio Lower Upper

42 100

72 49.5 46.5 69.7

71 46.6 44.5 66.7



#30

Chloroform

Concen: 41.300 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077158.D

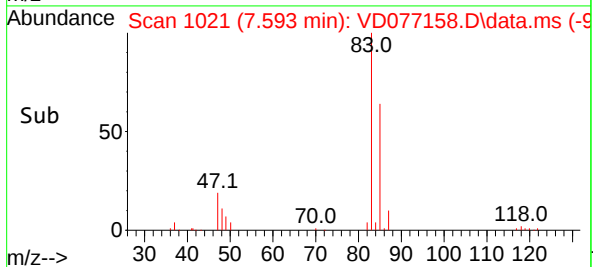
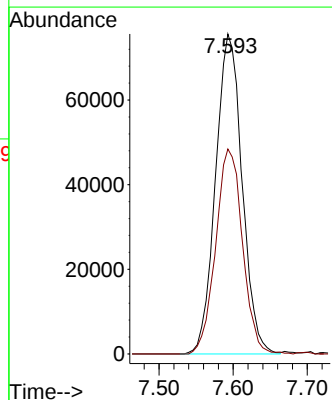
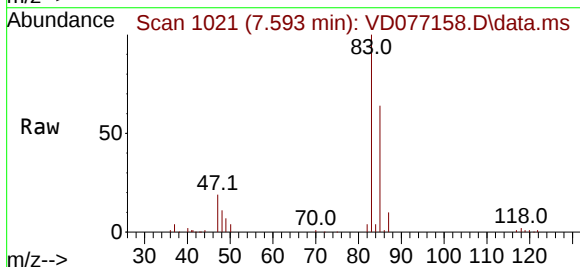
Acq: 19 Sep 2023 20:44

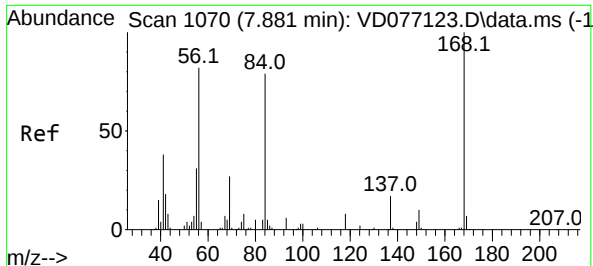
Tgt Ion: 83 Resp: 187878

Ion Ratio Lower Upper

83 100

85 64.1 53.4 80.2





#31

Cyclohexane

Concen: 36.597 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

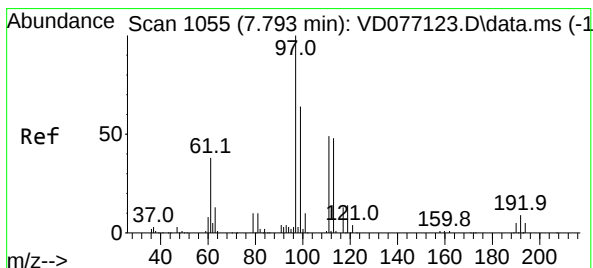
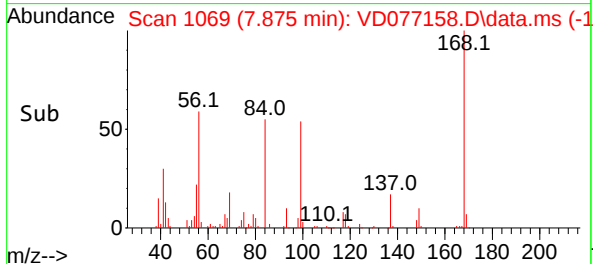
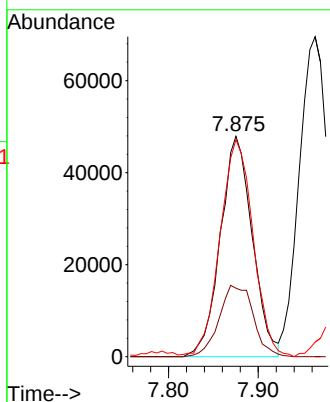
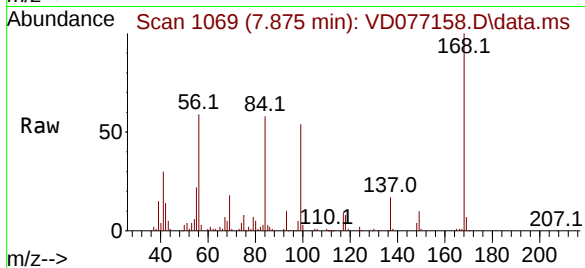
Tgt Ion: 56 Resp: 118424

Ion Ratio Lower Upper

56 100

69 31.1 28.6 43.0

84 97.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 40.503 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

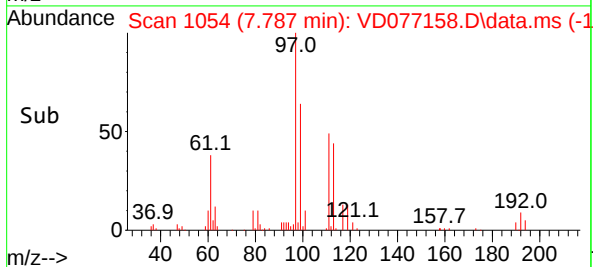
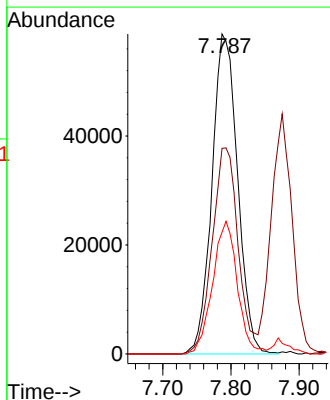
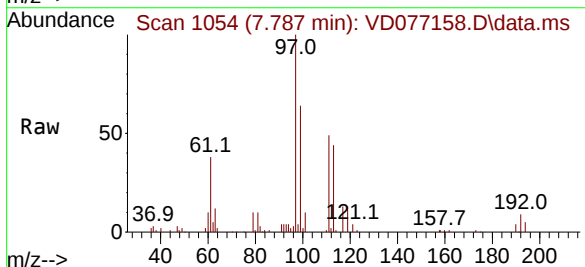
Tgt Ion: 97 Resp: 153798

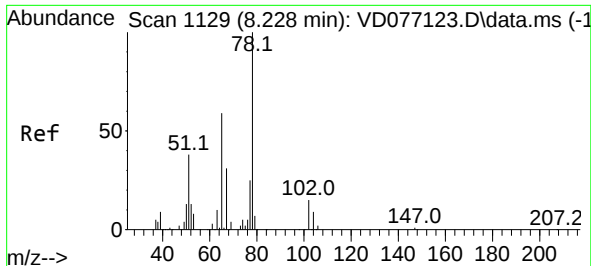
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 40.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.169 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

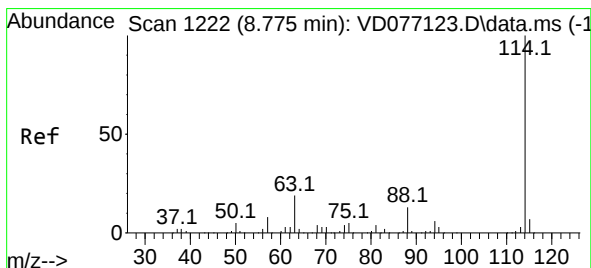
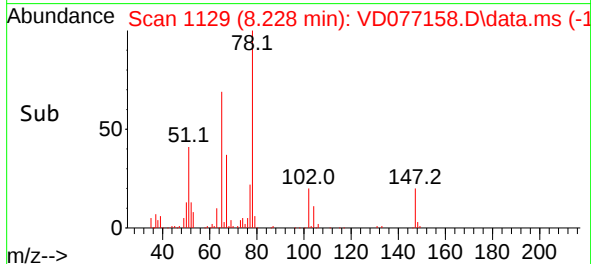
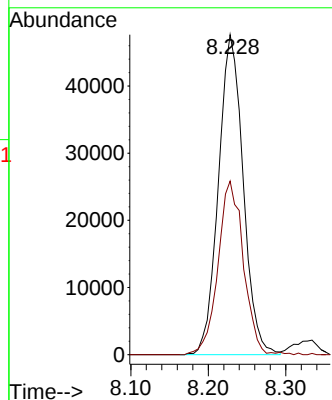
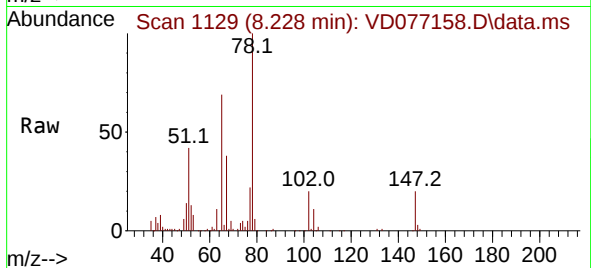
VSTDCCC050EC

Tgt Ion: 65 Resp: 105741

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

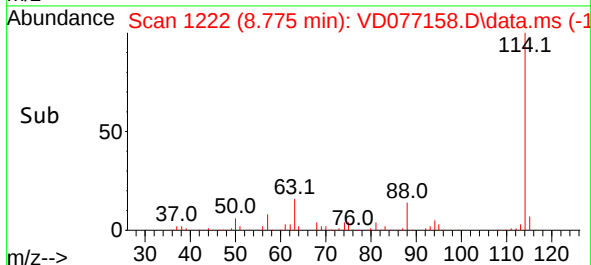
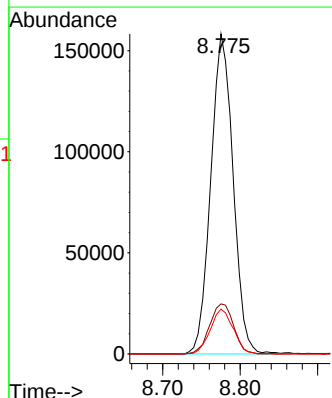
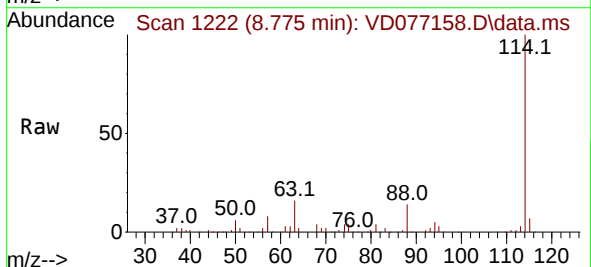
Tgt Ion: 114 Resp: 316430

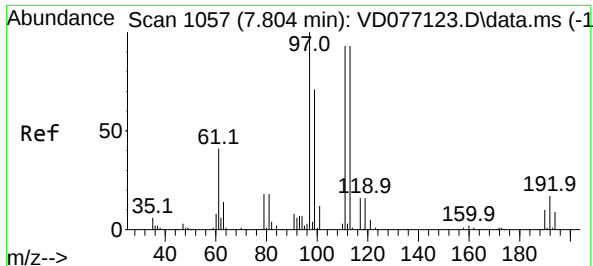
Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.360 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

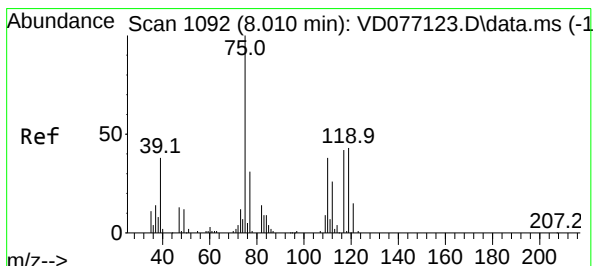
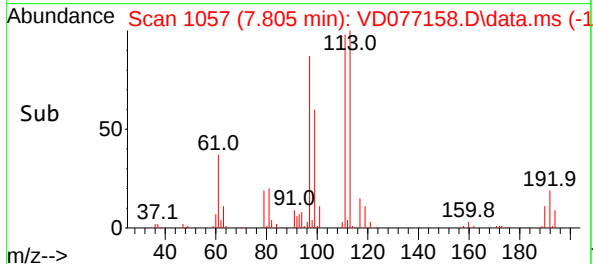
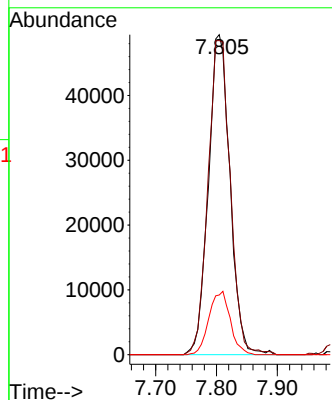
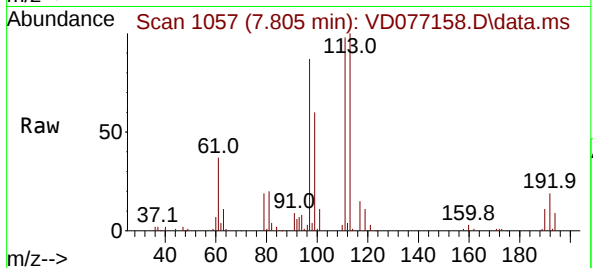
Tgt Ion:113 Resp: 121676

Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 19.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 39.826 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

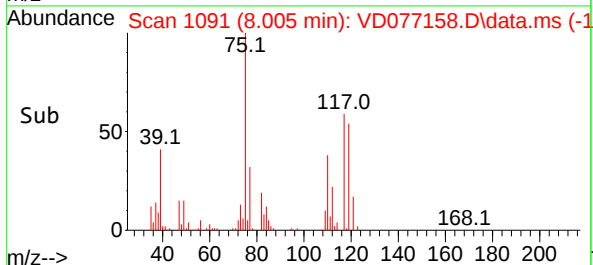
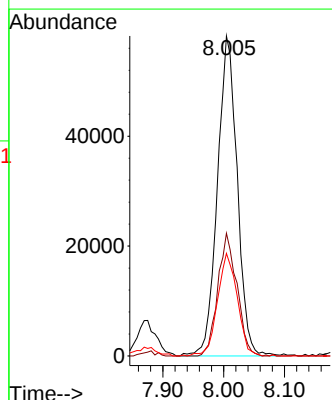
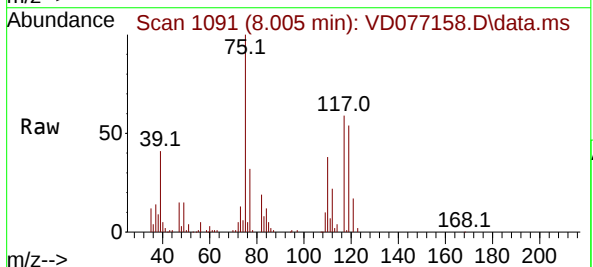
Tgt Ion: 75 Resp: 131827

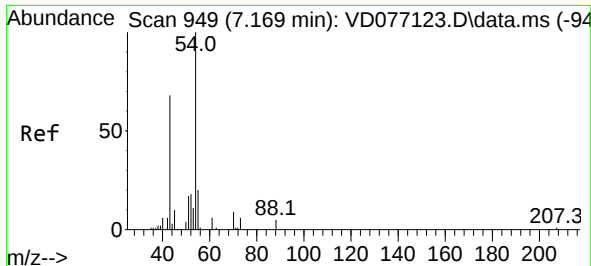
Ion Ratio Lower Upper

75 100

110 36.8 19.9 59.6

77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 36.977 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

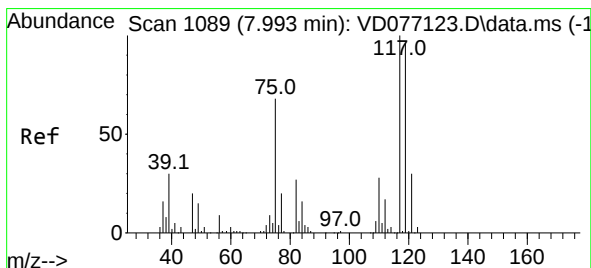
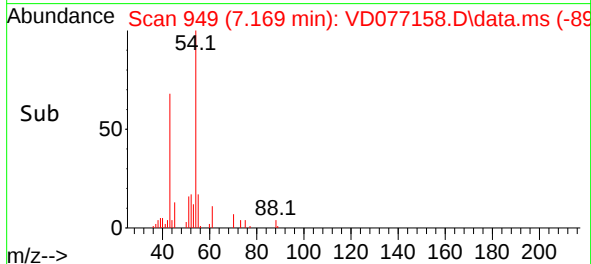
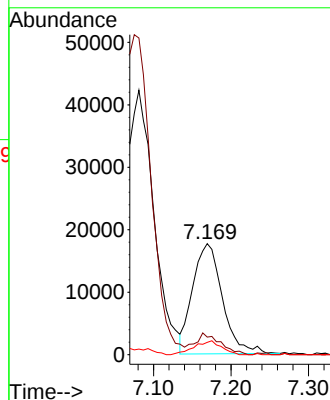
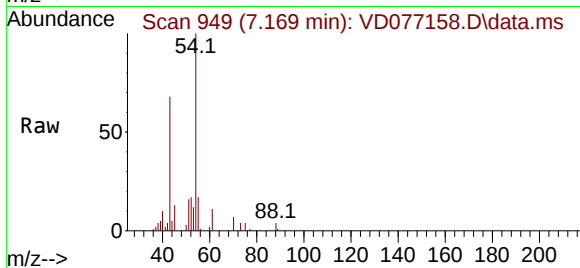
Tgt Ion: 43 Resp: 46959

Ion Ratio Lower Upper

43 100

61 16.8 14.9 22.3

70 11.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 38.222 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

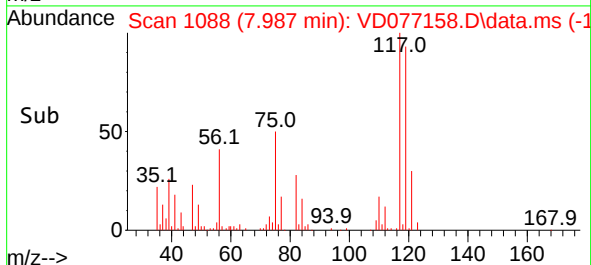
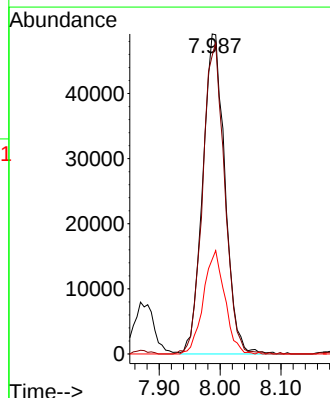
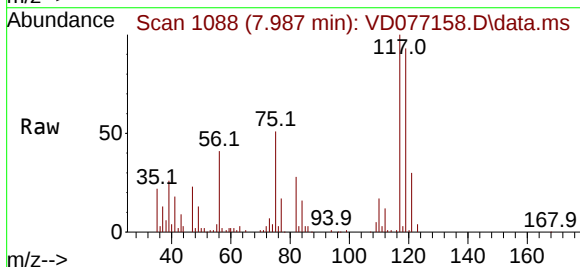
Tgt Ion: 117 Resp: 124350

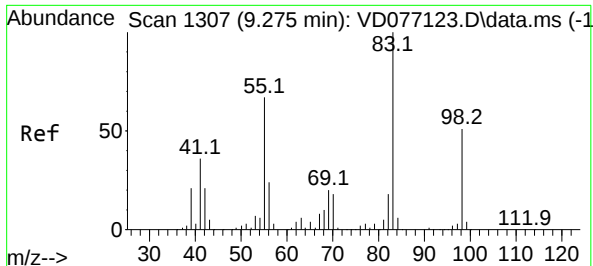
Ion Ratio Lower Upper

117 100

119 92.8 78.0 117.0

121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 36.761 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

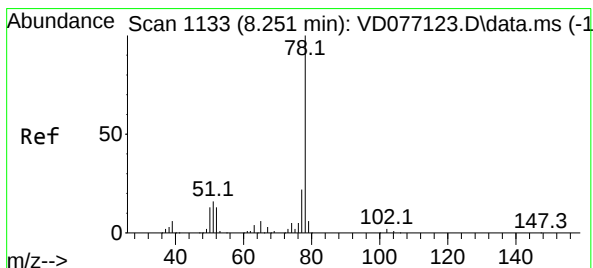
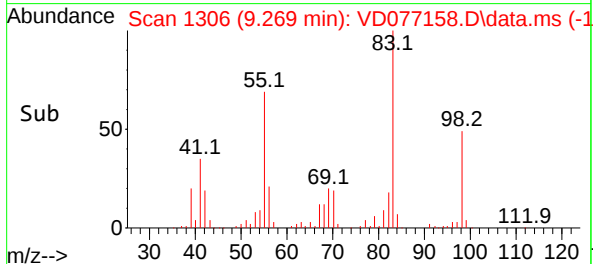
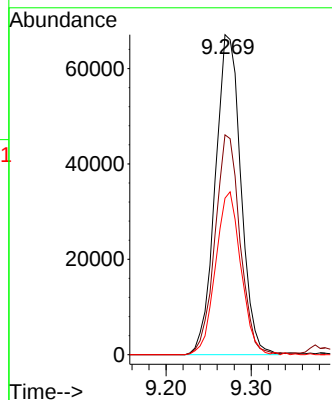
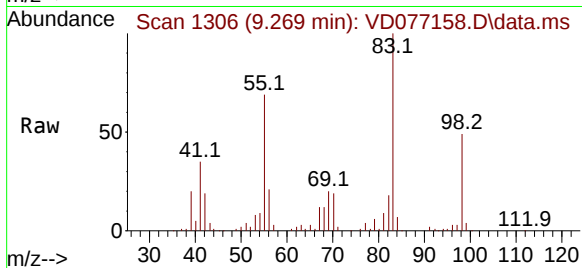
Tgt Ion: 83 Resp: 140006

Ion Ratio Lower Upper

83 100

55 68.7 49.4 74.0

98 48.9 38.4 57.6



#40

Benzene

Concen: 39.780 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077158.D

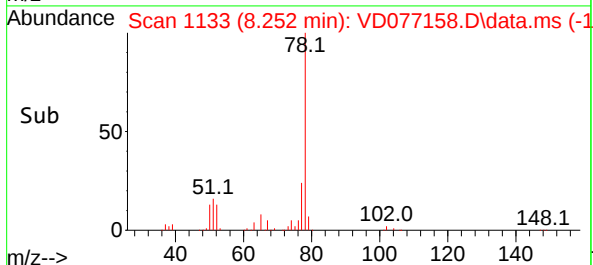
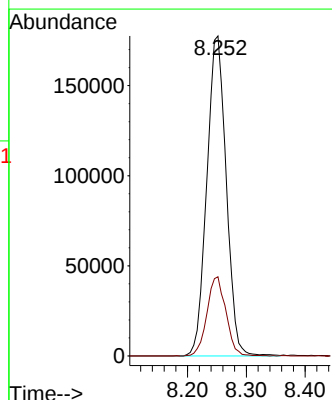
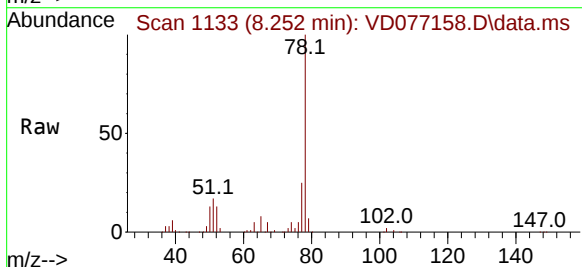
Acq: 19 Sep 2023 20:44

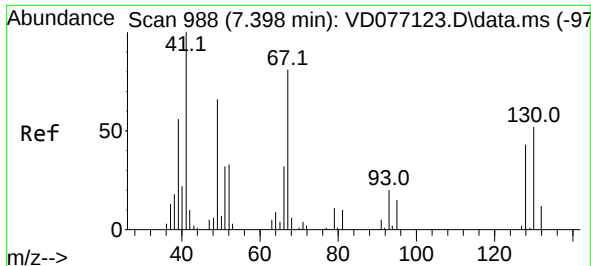
Tgt Ion: 78 Resp: 407389

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.0



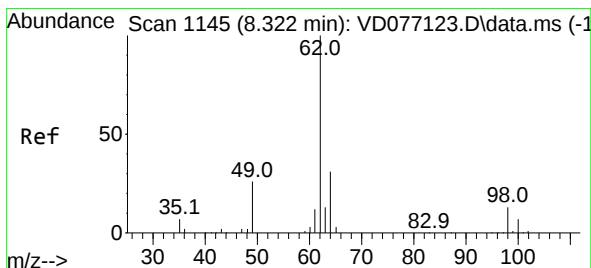
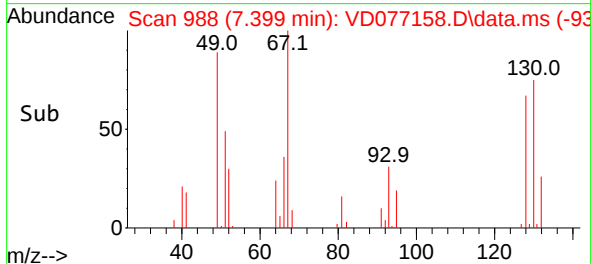
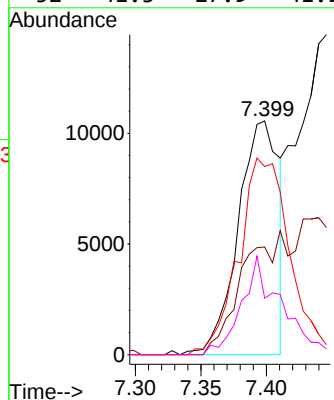
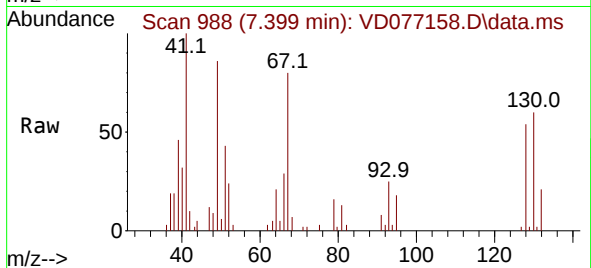


#41
Methacrylonitrile
Concen: 33.704 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 22846

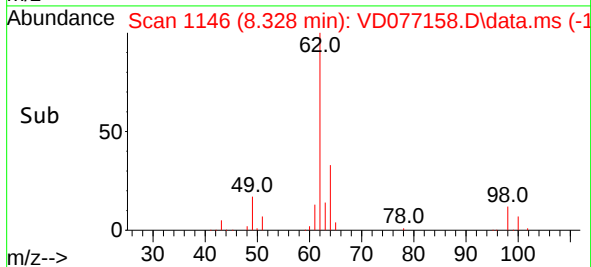
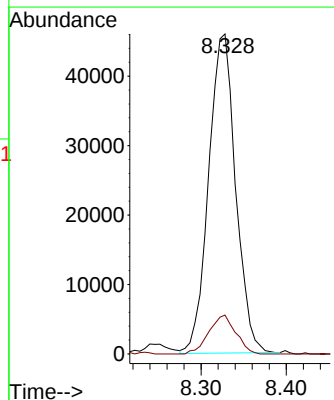
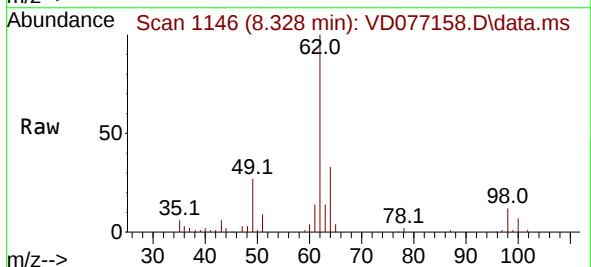
Ion	Ratio	Lower	Upper
41	100		
39	42.3	34.0	51.0
67	104.5	77.0	115.4
52	41.3	27.9	41.9

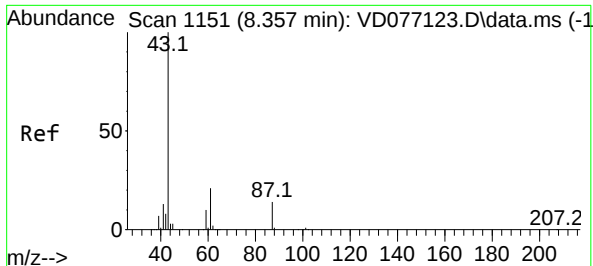


#42
1,2-Dichloroethane
Concen: 39.857 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 62 Resp: 101199

Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.4





#43

Isopropyl Acetate

Concen: 39.644 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

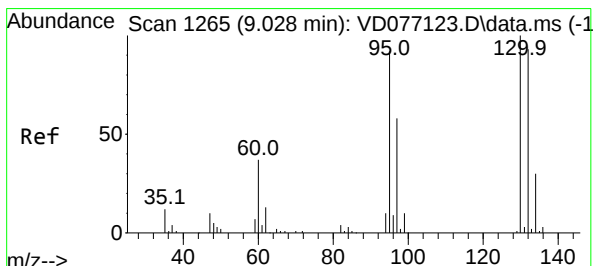
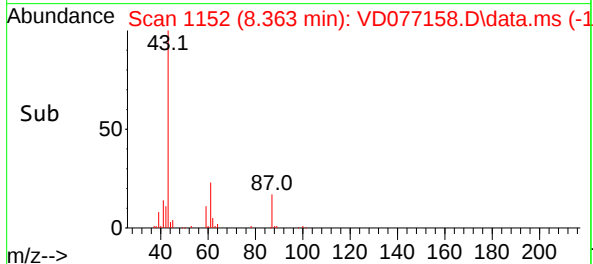
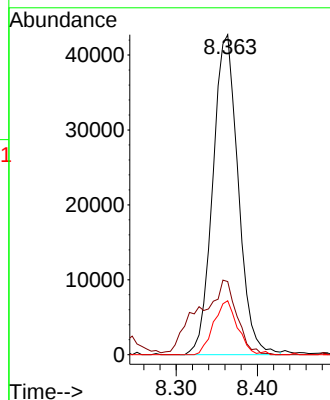
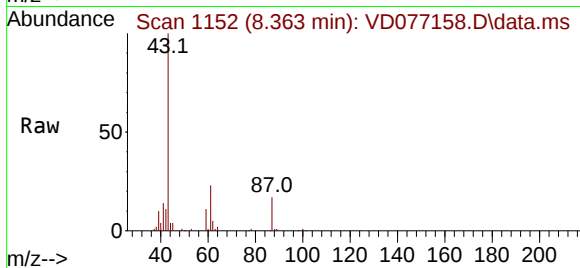
Tgt Ion: 43 Resp: 92697

Ion Ratio Lower Upper

43 100

61 35.0 31.4 47.0

87 16.0 14.9 22.3



#44

Trichloroethene

Concen: 38.501 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077158.D

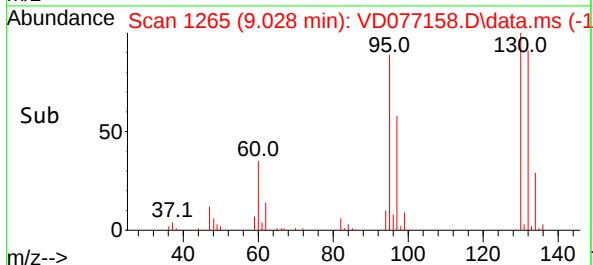
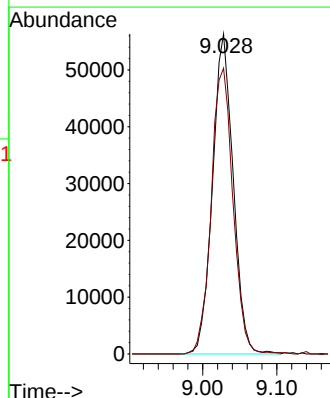
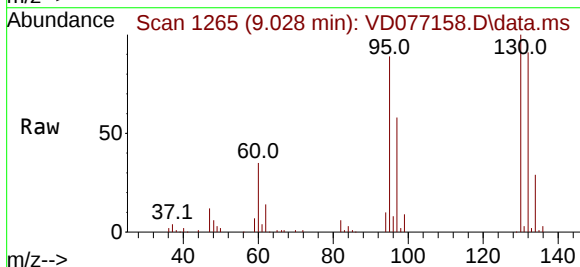
Acq: 19 Sep 2023 20:44

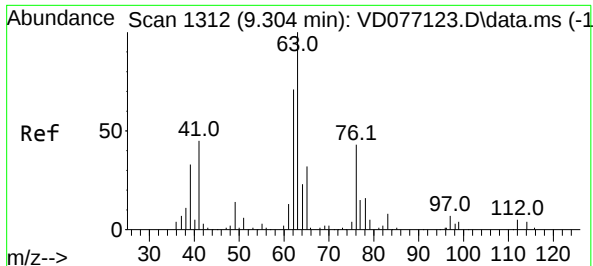
Tgt Ion:130 Resp: 109128

Ion Ratio Lower Upper

130 100

95 89.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 40.153 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

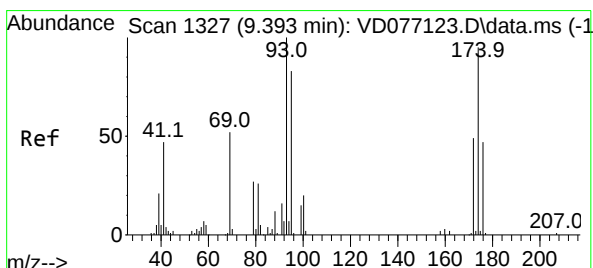
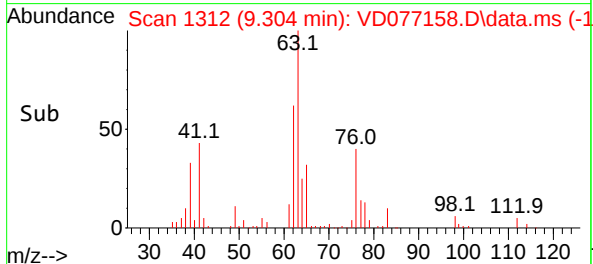
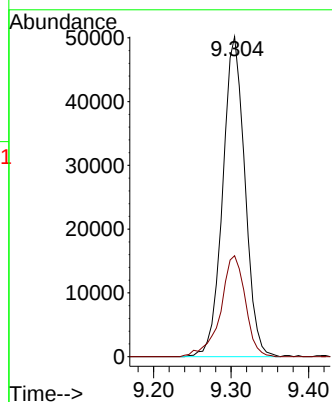
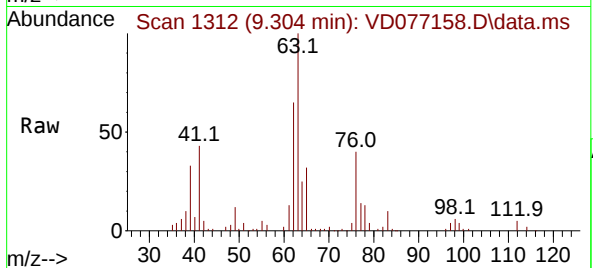
VSTDCCC050EC

Tgt Ion: 63 Resp: 99877

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 40.566 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

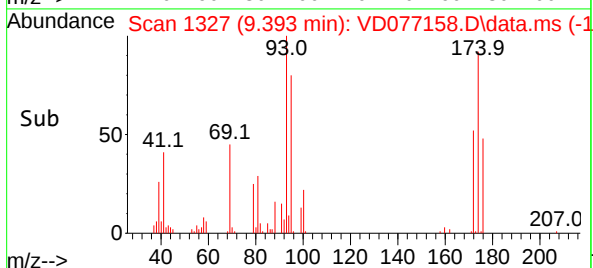
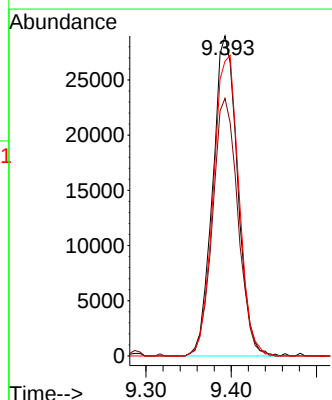
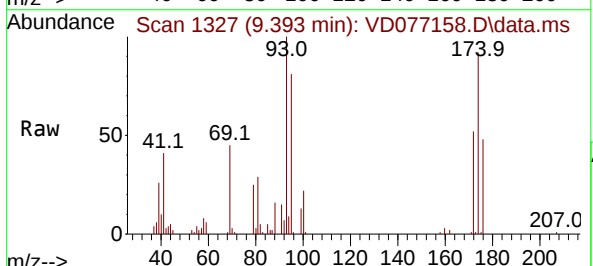
Tgt Ion: 93 Resp: 58636

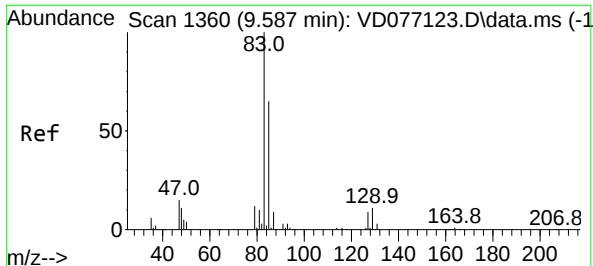
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 96.6 85.4 128.2





#47

Bromodichloromethane

Concen: 40.460 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

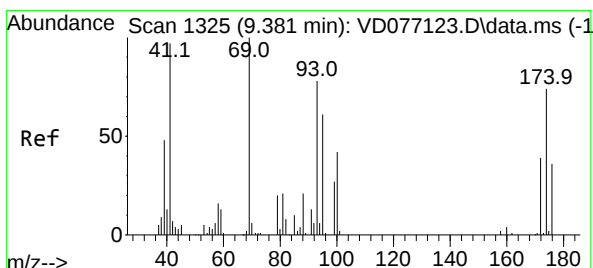
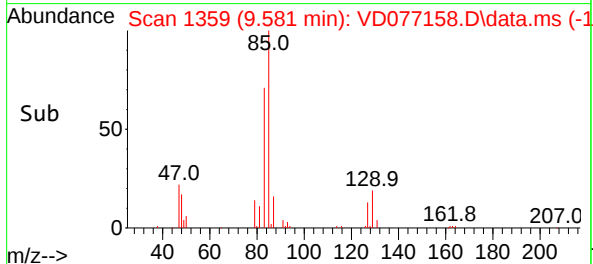
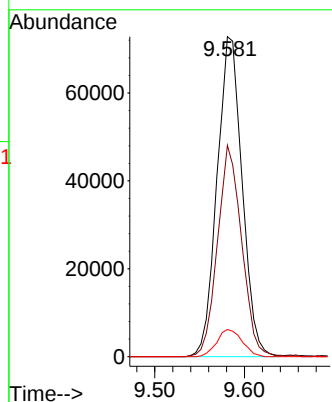
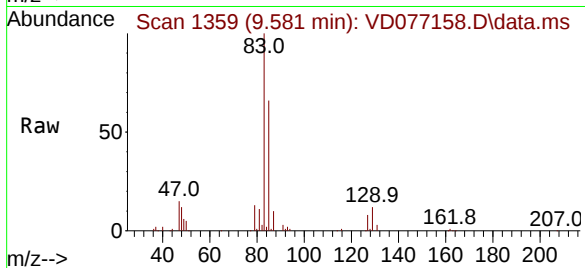
Tgt Ion: 83 Resp: 141326

Ion Ratio Lower Upper

83 100

85 66.0 50.2 75.4

127 8.5 6.3 9.5



#48

Methyl methacrylate

Concen: 40.073 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

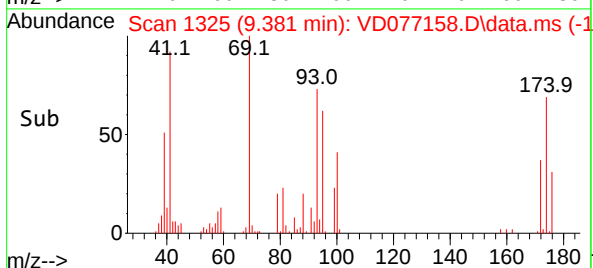
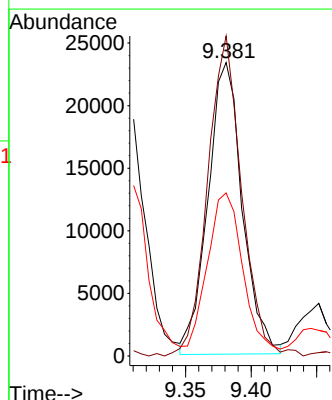
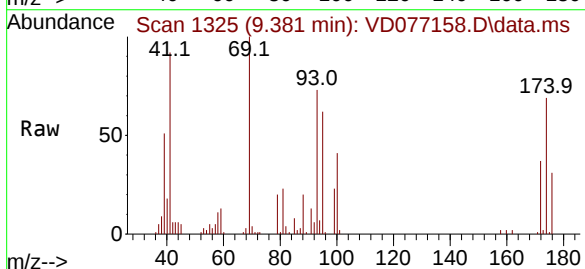
Tgt Ion: 41 Resp: 42576

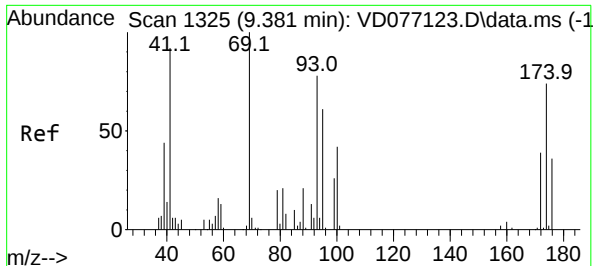
Ion Ratio Lower Upper

41 100

69 108.4 102.2 153.2

39 58.9 41.4 62.2





#49

1,4-Dioxane

Concen: 895.674 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

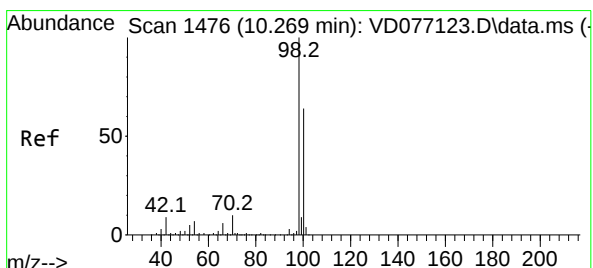
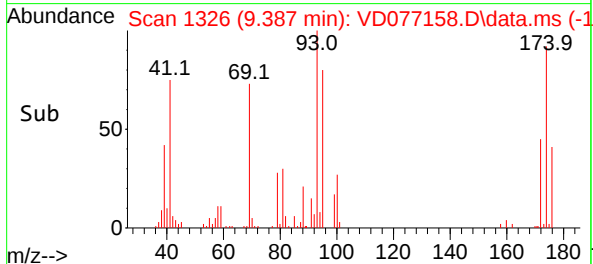
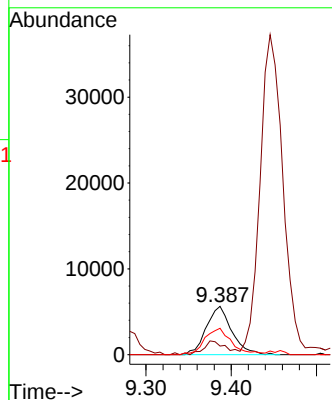
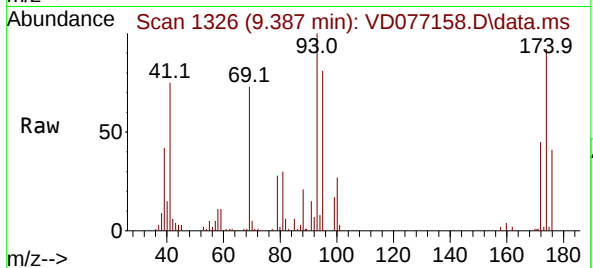
Tgt Ion: 88 Resp: 11686

Ion Ratio Lower Upper

88 100

43 25.5 19.0 28.6

58 57.8 43.5 65.3



#50

Toluene-d8

Concen: 55.349 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077158.D

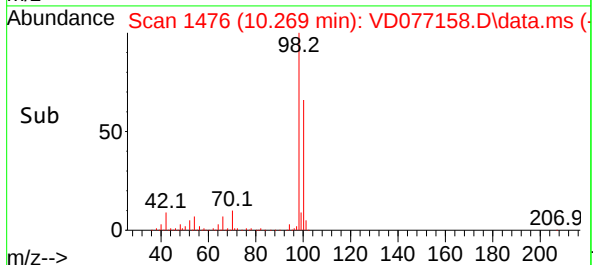
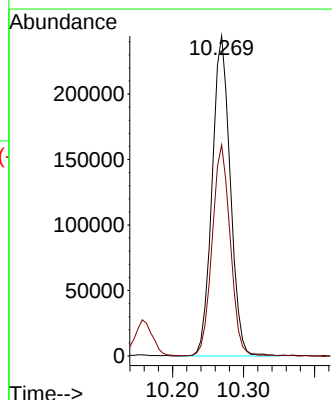
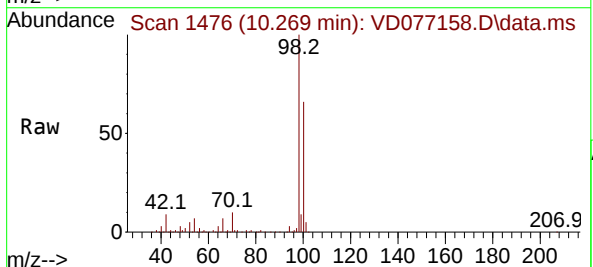
Acq: 19 Sep 2023 20:44

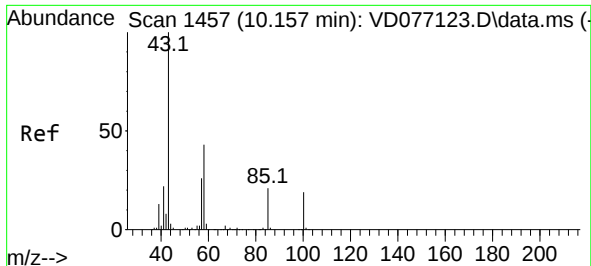
Tgt Ion: 98 Resp: 433005

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

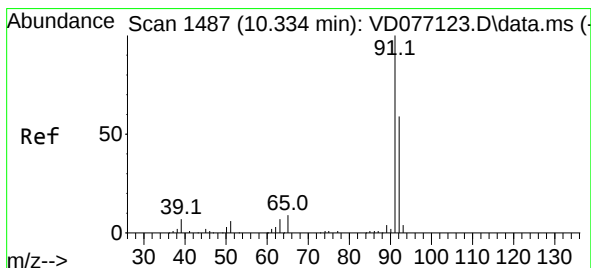
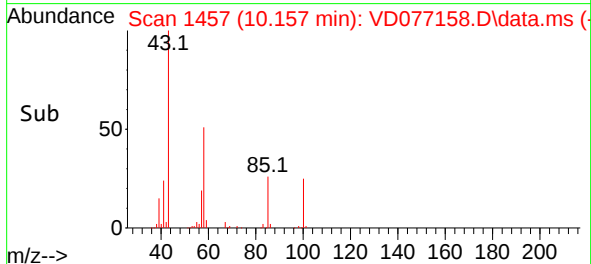
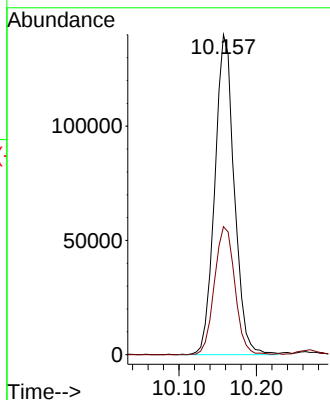
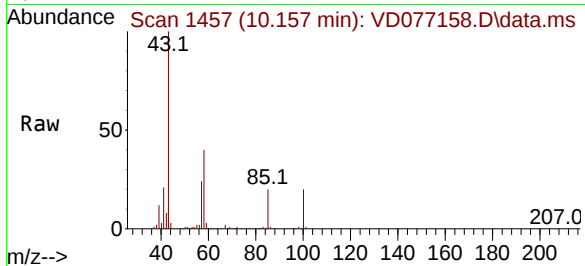




#51
4-Methyl-2-Pentanone
Concen: 200.244 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

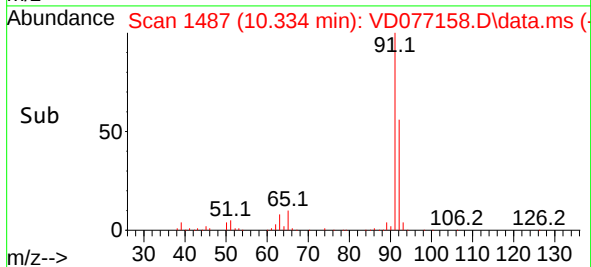
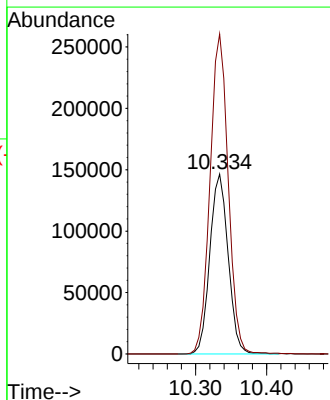
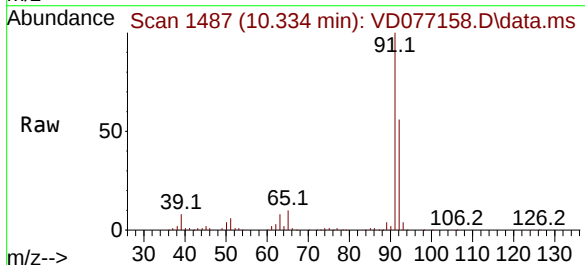
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

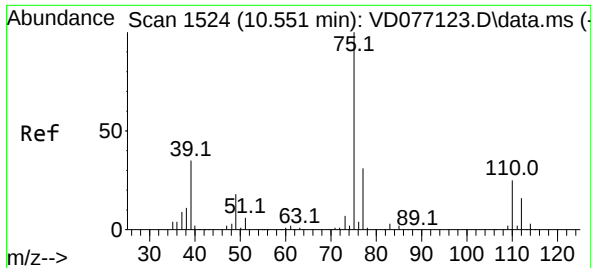
Tgt Ion: 43 Resp: 244871
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 39.951 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 92 Resp: 261742
Ion Ratio Lower Upper
92 100
91 177.3 143.0 214.4

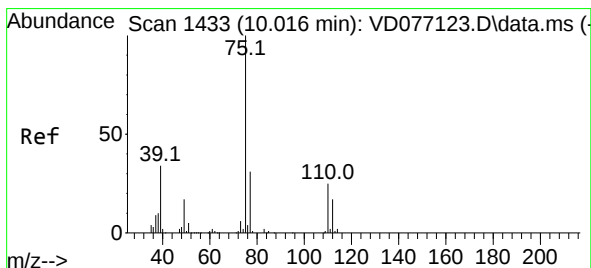
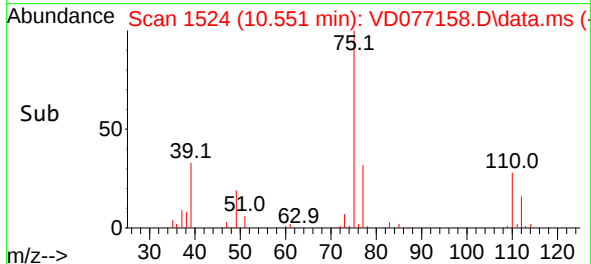
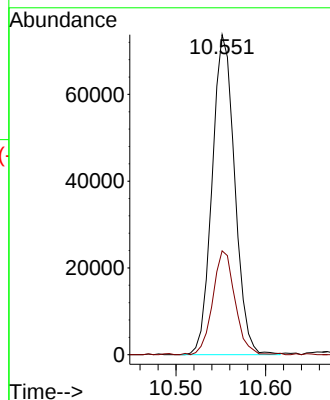
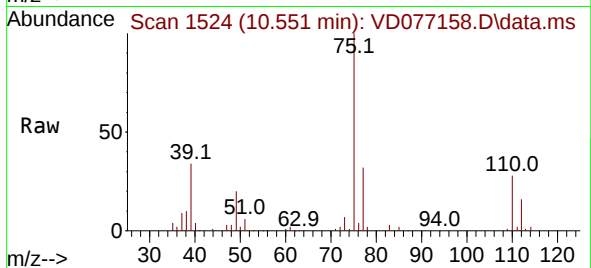




#53
 t-1,3-Dichloropropene
 Concen: 39.479 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

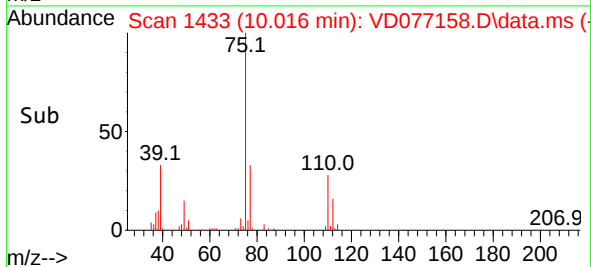
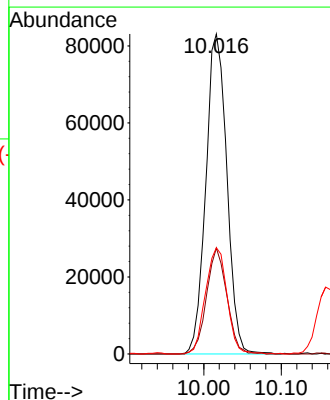
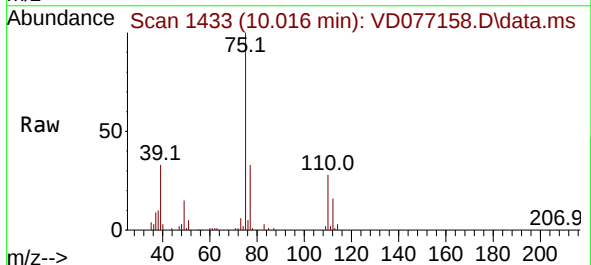
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

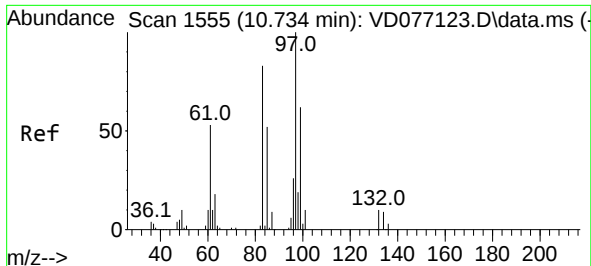
Tgt Ion: 75 Resp: 128830
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 40.030 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Tgt Ion: 75 Resp: 156504
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 39 33.2 22.1 33.1#

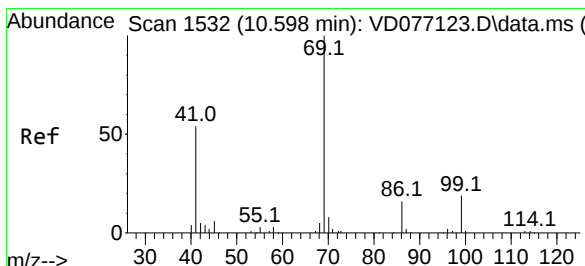
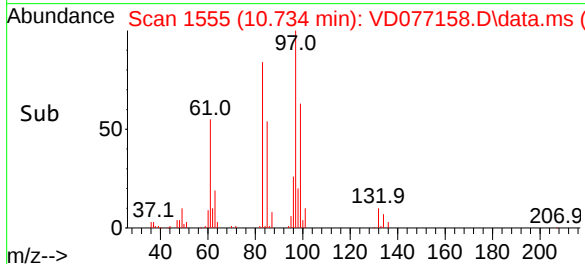
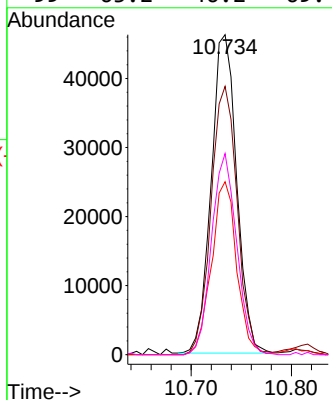
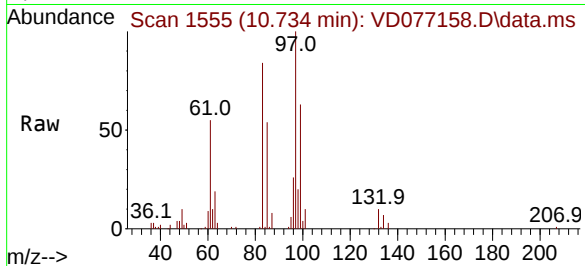




#55
1,1,2-Trichloroethane
Concen: 41.486 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

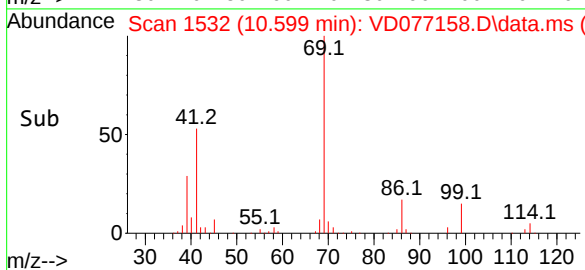
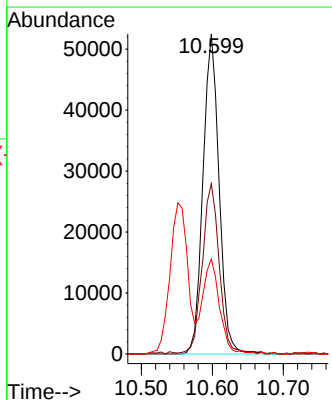
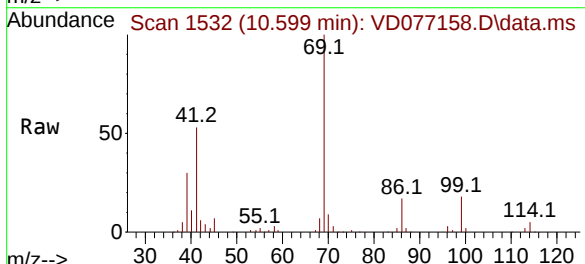
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

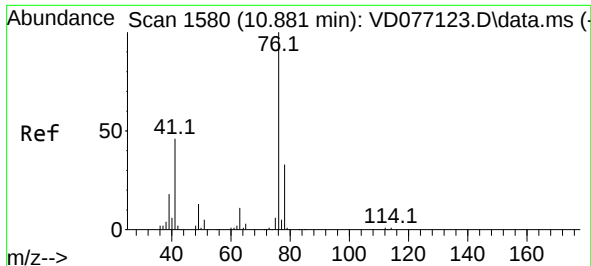
Tgt Ion:	97	Resp:	81560
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.6
85	54.3	45.7	68.5
99	63.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 39.175 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:	69	Resp:	82742
Ion	Ratio	Lower	Upper
69	100		
41	56.7	39.1	58.7
39	31.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 40.815 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

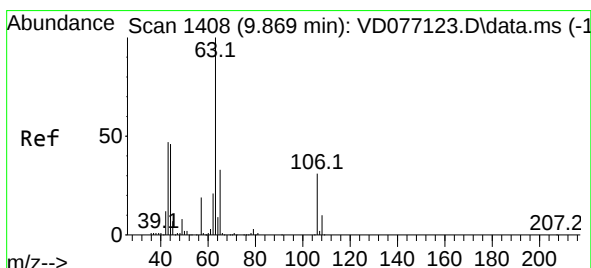
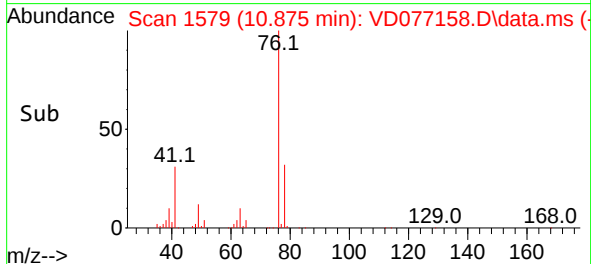
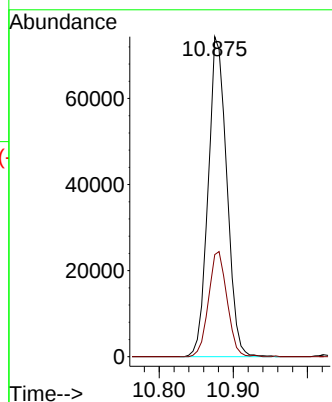
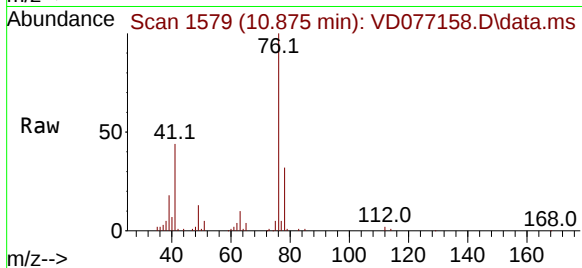
VSTDCCC050EC

Tgt Ion: 76 Resp: 129898

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 193.843 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077158.D

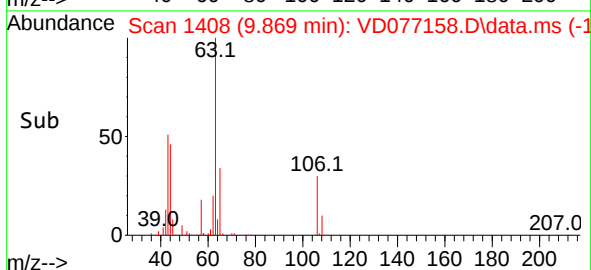
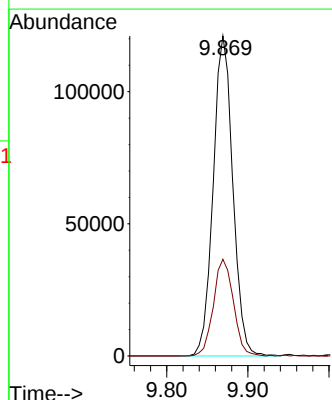
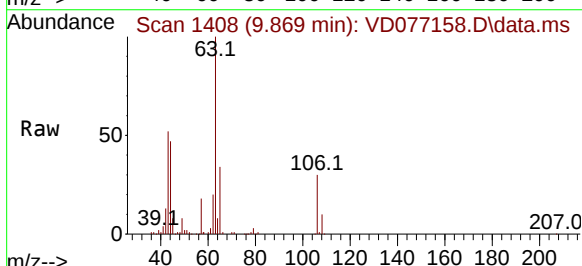
Acq: 19 Sep 2023 20:44

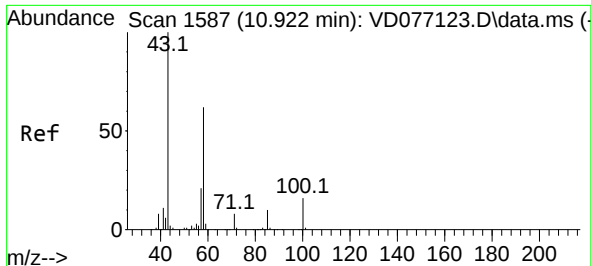
Tgt Ion: 63 Resp: 203498

Ion Ratio Lower Upper

63 100

106 30.7 25.3 37.9

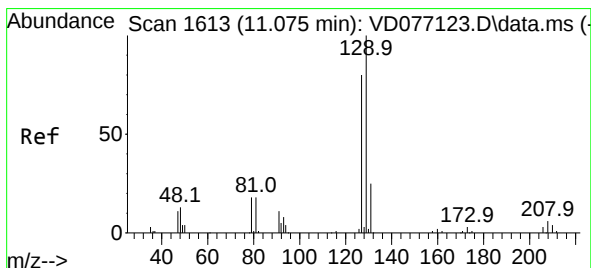
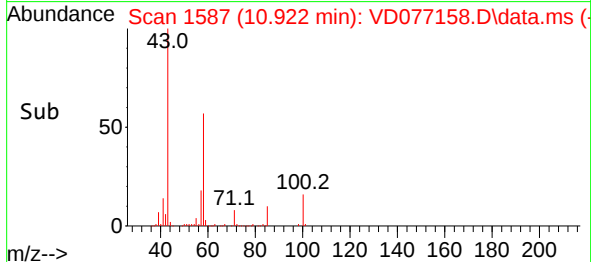
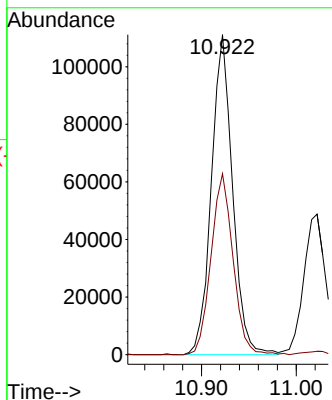
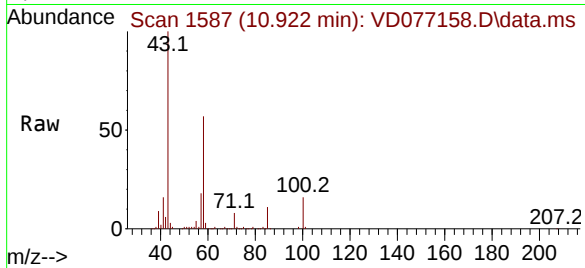




#59
2-Hexanone
Concen: 196.582 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

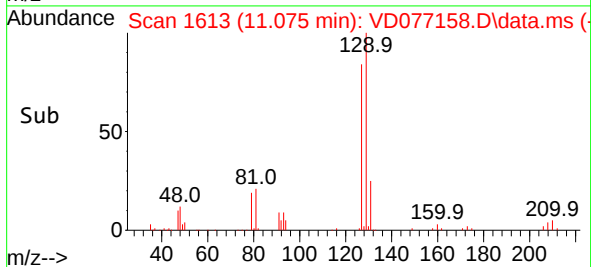
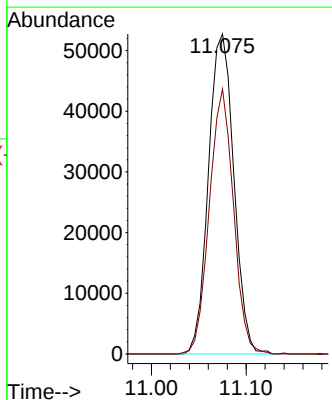
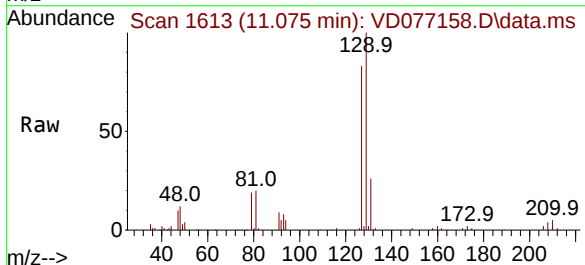
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

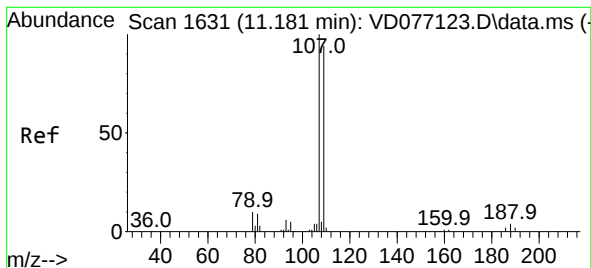
Tgt Ion: 43 Resp: 172481
Ion Ratio Lower Upper
43 100
58 58.7 34.1 102.2



#60
Dibromochloromethane
Concen: 40.782 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:129 Resp: 98200
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5

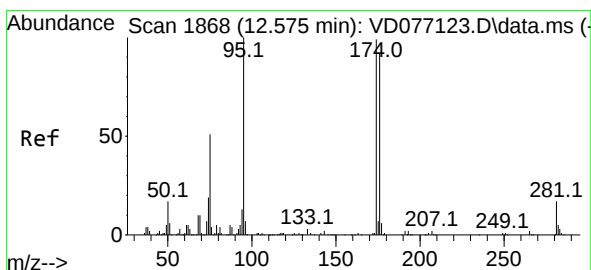
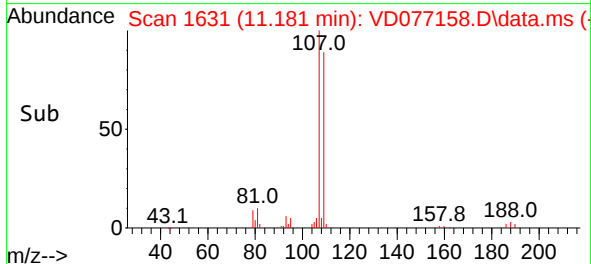
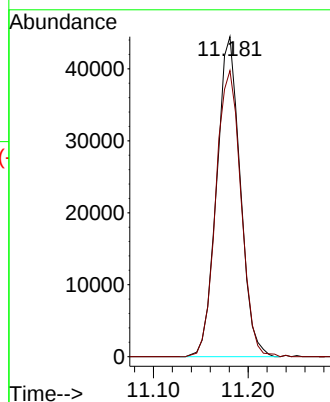
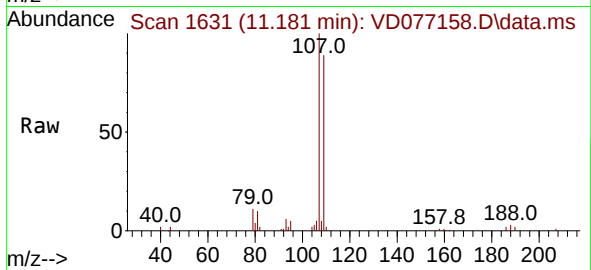




#61
1,2-Dibromoethane
Concen: 40.511 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

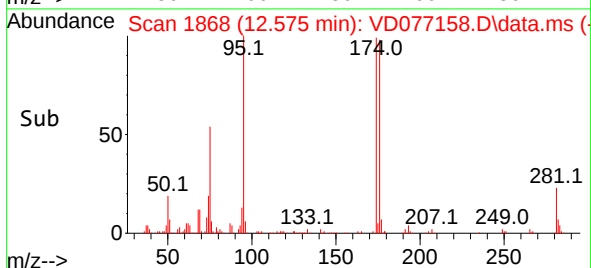
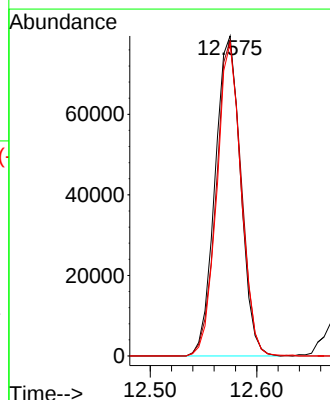
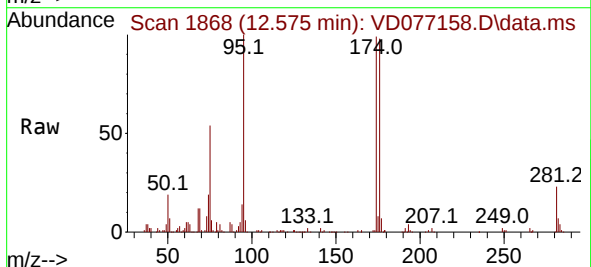
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

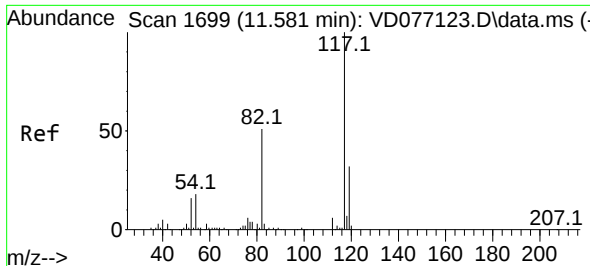
Tgt Ion:107 Resp: 76994
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.266 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 95 Resp: 131583
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 93.4 0.0 191.8

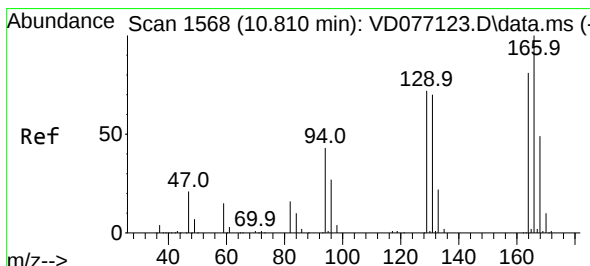
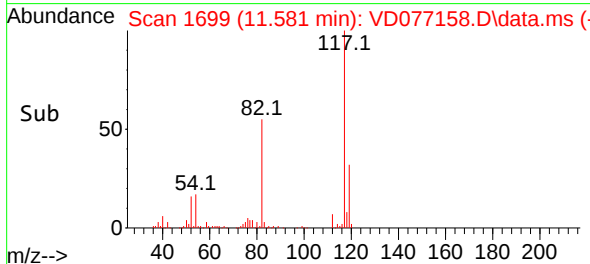
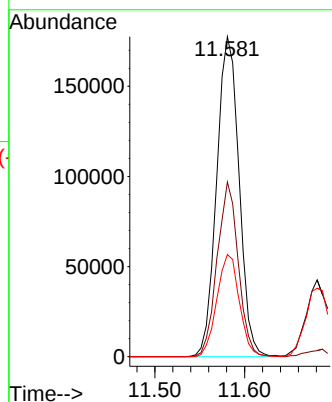
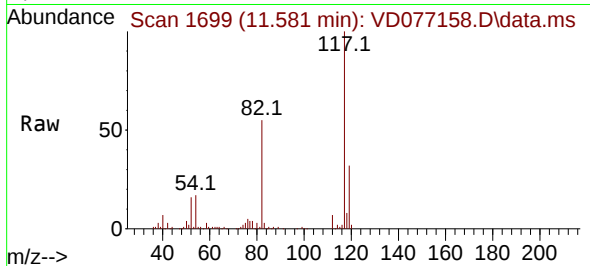




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

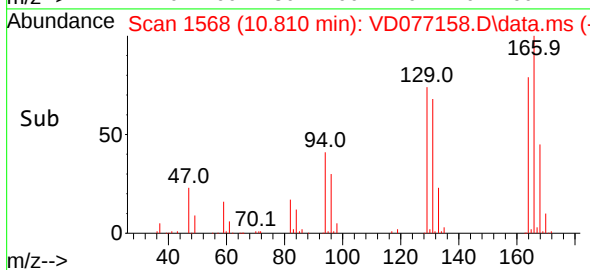
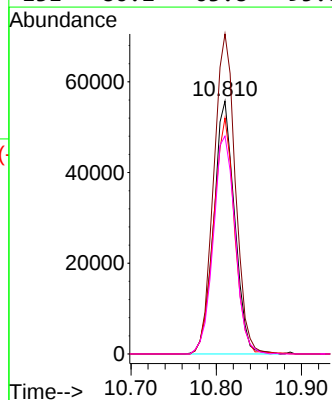
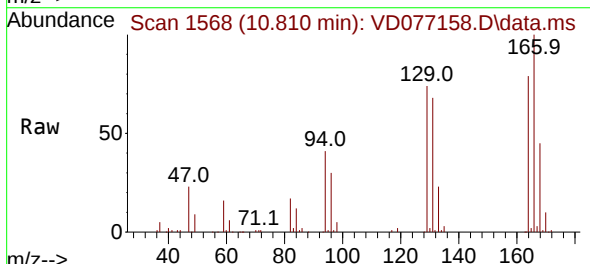
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

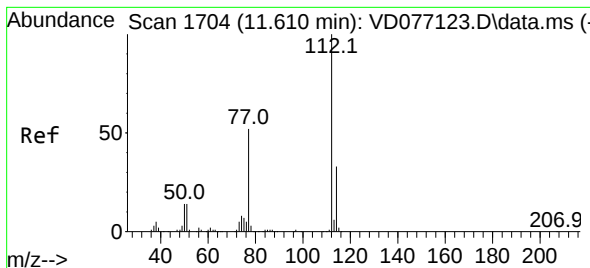
Tgt Ion:117 Resp: 308034
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 32.0 25.0 37.4



#64
Tetrachloroethene
Concen: 39.695 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:164 Resp: 95134
Ion Ratio Lower Upper
164 100
166 126.6 99.2 148.8
129 93.4 68.4 102.6
131 86.2 63.8 95.8





#65

Chlorobenzene

Concen: 38.632 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

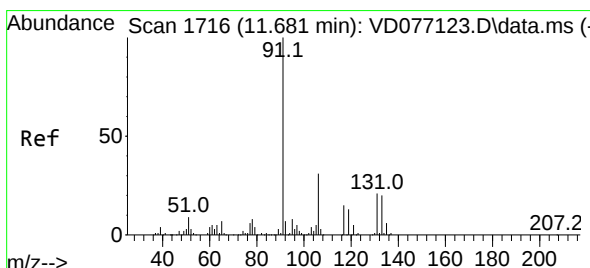
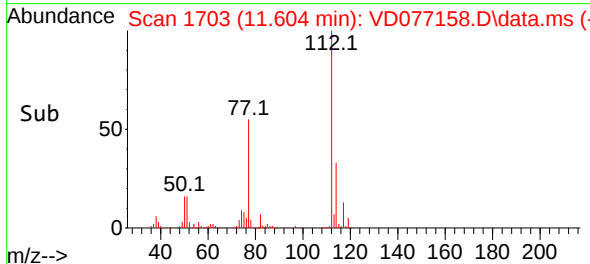
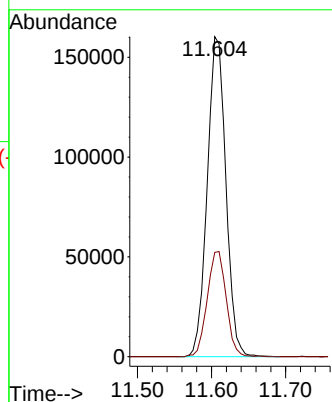
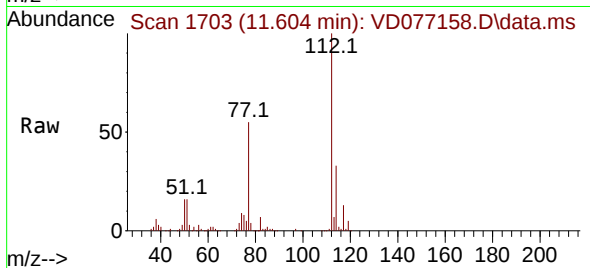
VSTDCCC050EC

Tgt Ion:112 Resp: 279936

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 39.896 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

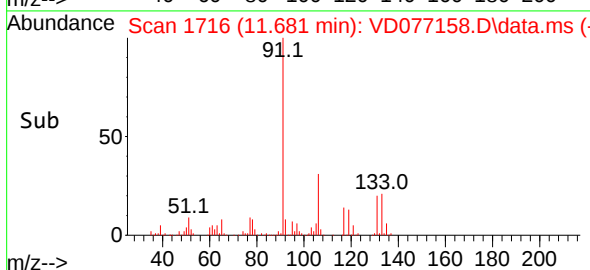
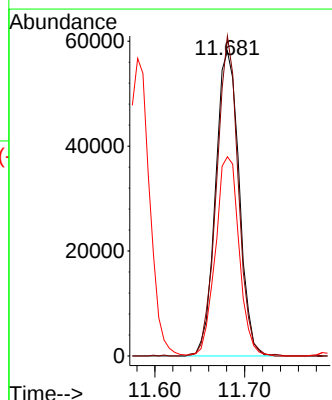
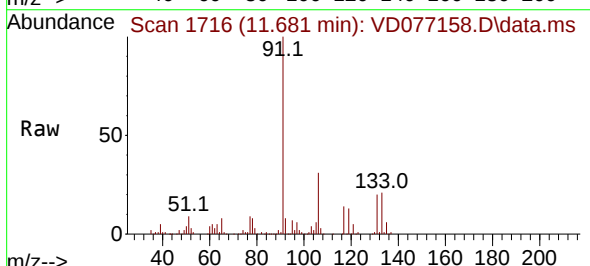
Tgt Ion:131 Resp: 105767

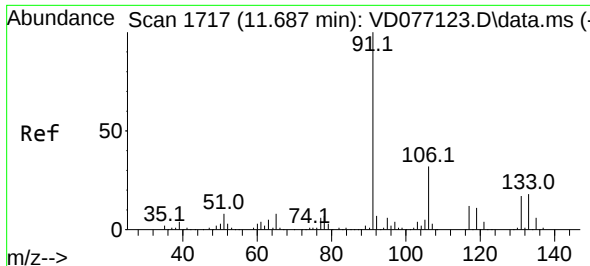
Ion Ratio Lower Upper

131 100

133 97.0 48.5 145.5

119 65.6 35.6 106.9

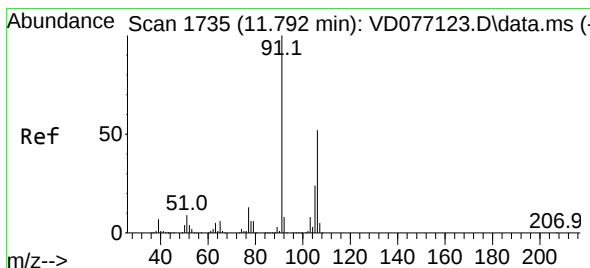
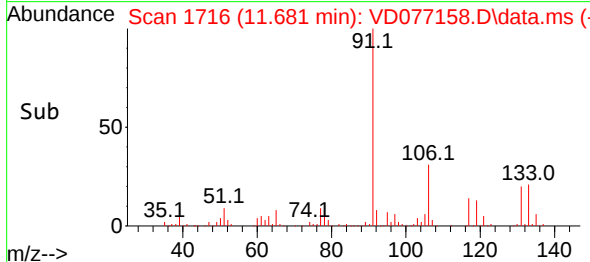
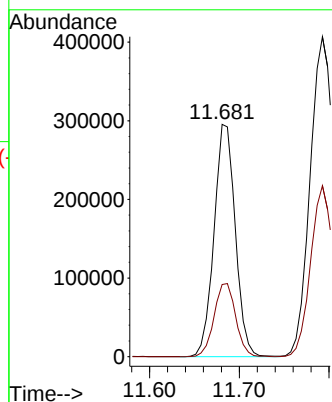
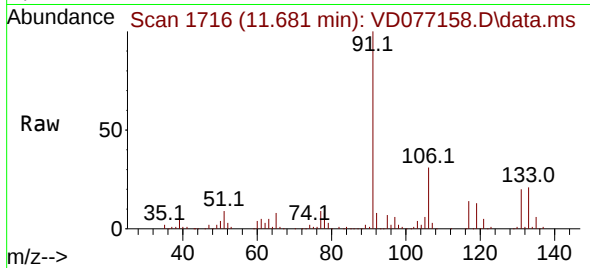




#67
Ethyl Benzene
Concen: 39.029 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

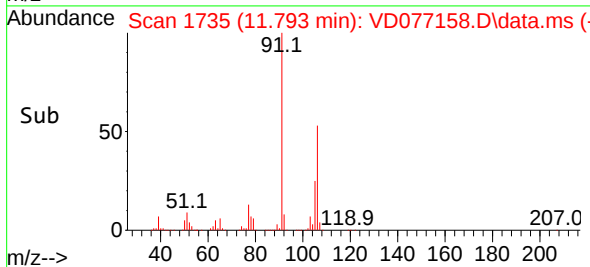
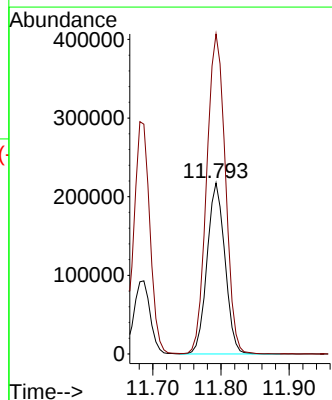
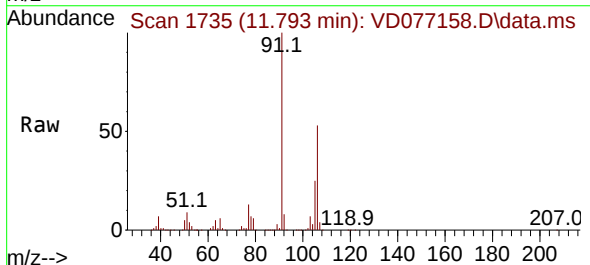
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

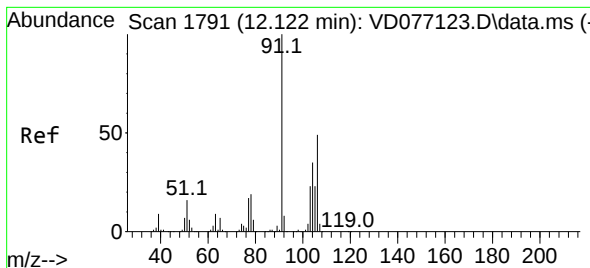
Tgt Ion: 91 Resp: 486117
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 79.348 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:106 Resp: 395712
Ion Ratio Lower Upper
106 100
91 195.8 147.0 220.6

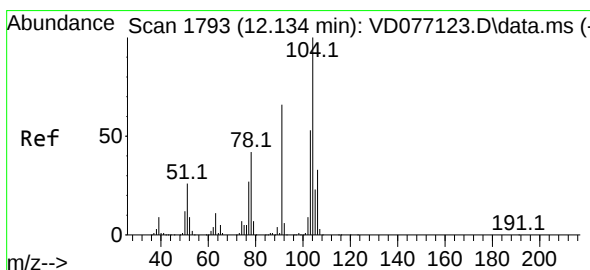
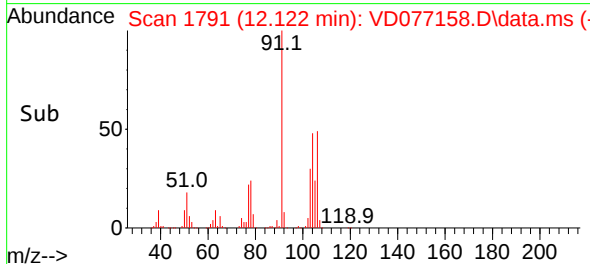
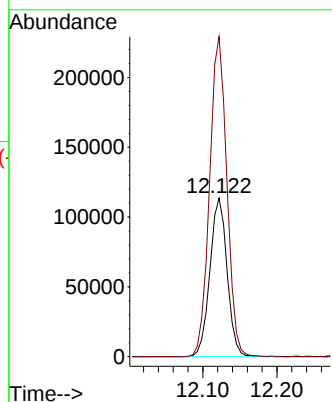
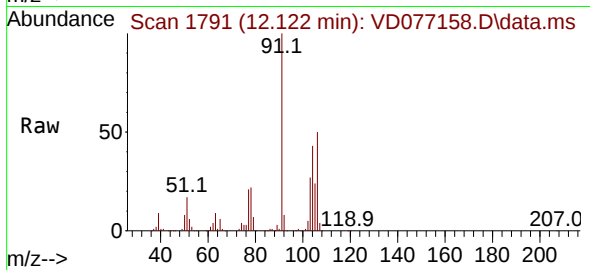




#69
o-Xylene
Concen: 39.941 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

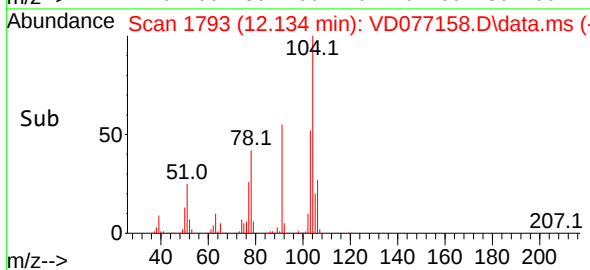
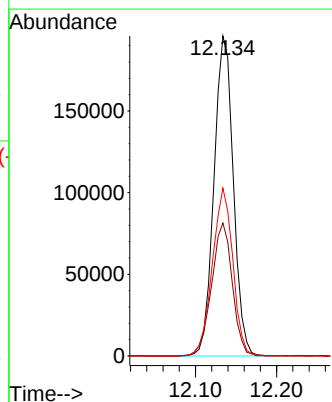
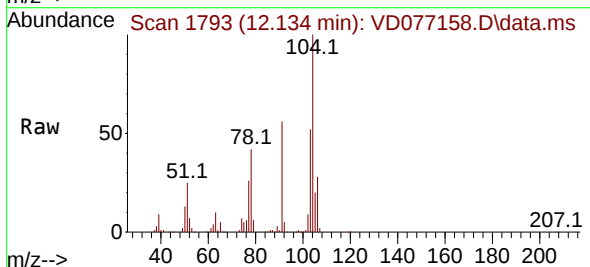
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

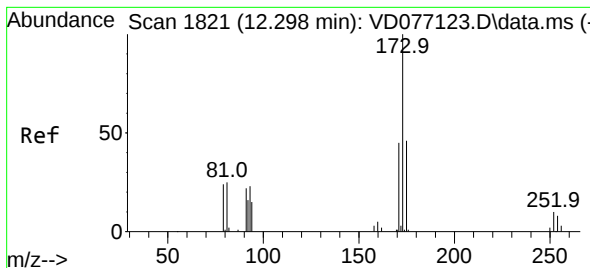
Tgt Ion:106 Resp: 182823
Ion Ratio Lower Upper
106 100
91 202.9 97.9 293.6



#70
Styrene
Concen: 41.688 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:104 Resp: 325102
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 55.3 43.6 65.4





#71

Bromoform

Concen: 40.139 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

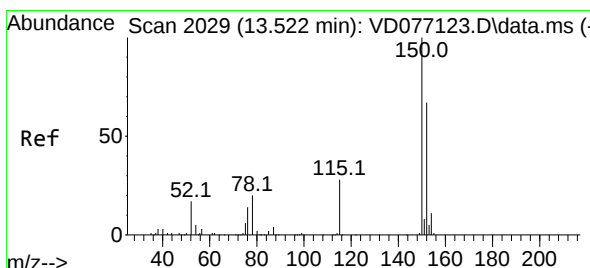
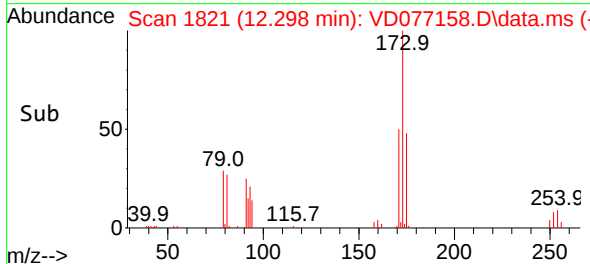
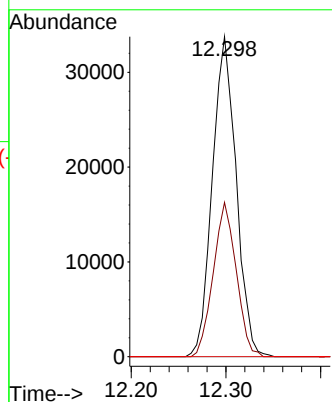
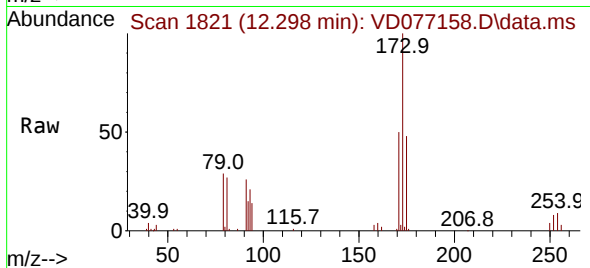
Tgt Ion:173 Resp: 58984

Ion Ratio Lower Upper

173 100

175 46.5 24.6 73.8

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: VD077158.D

Acq: 19 Sep 2023 20:44

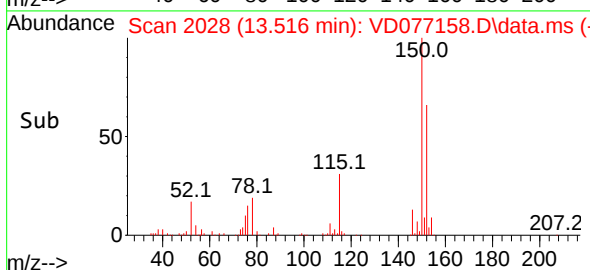
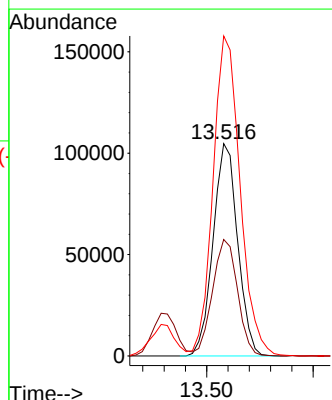
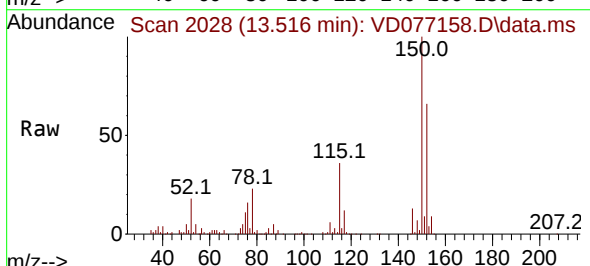
Tgt Ion:152 Resp: 167580

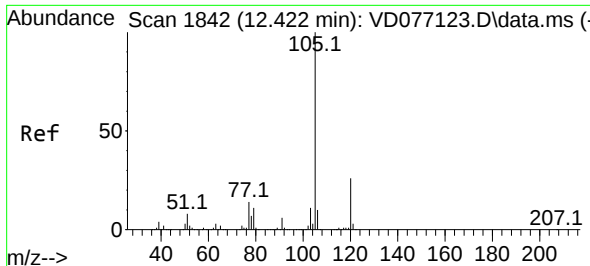
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 166.2 0.0 353.6

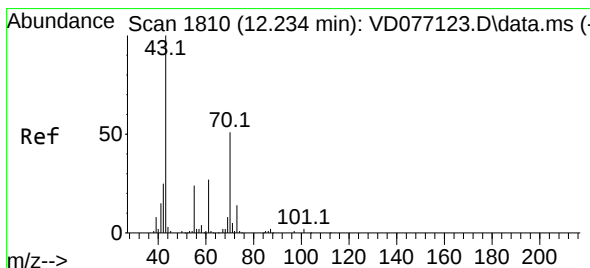
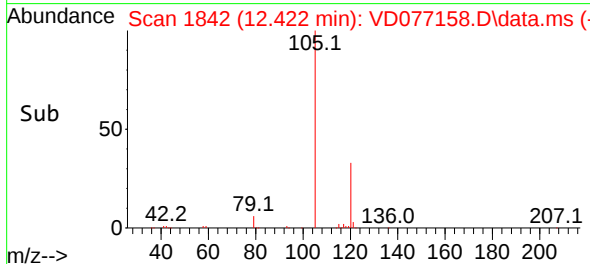
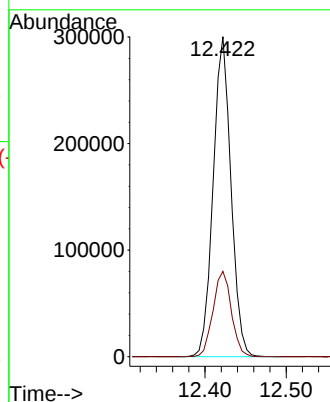
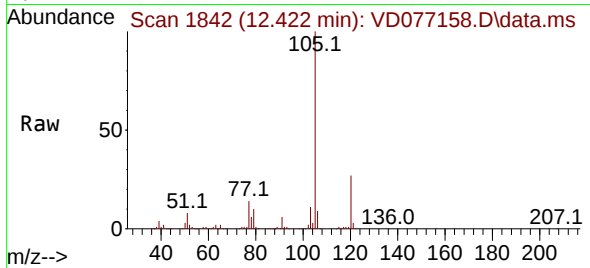




#73
Isopropylbenzene
Concen: 36.932 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

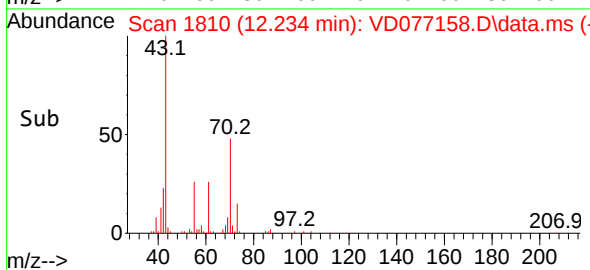
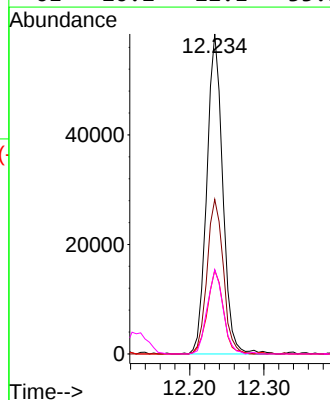
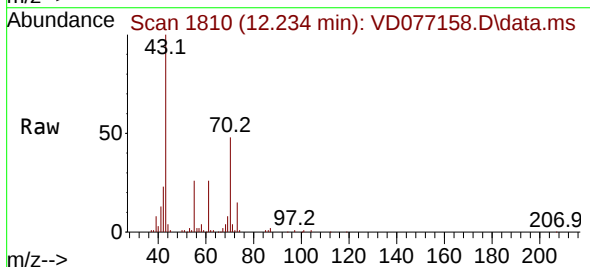
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

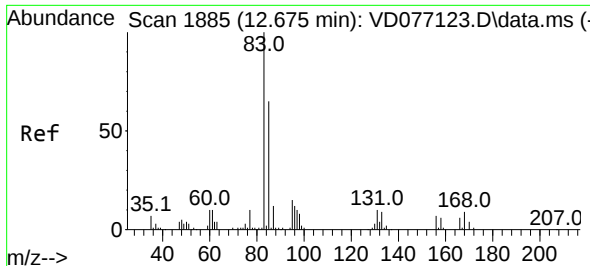
Tgt Ion:105 Resp: 457312
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 37.568 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 43 Resp: 87383
Ion Ratio Lower Upper
43 100
70 49.2 45.0 67.4
55 26.2 23.8 35.6
61 26.2 22.1 33.1

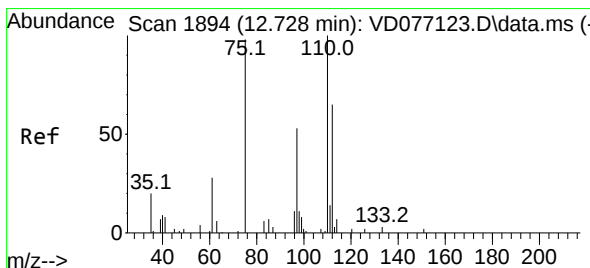
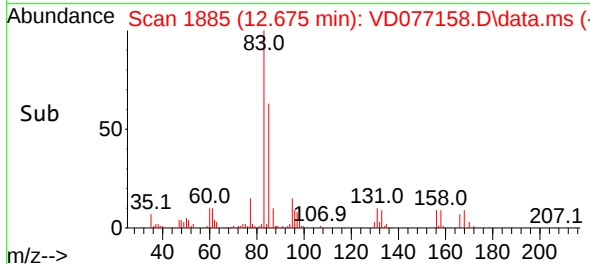
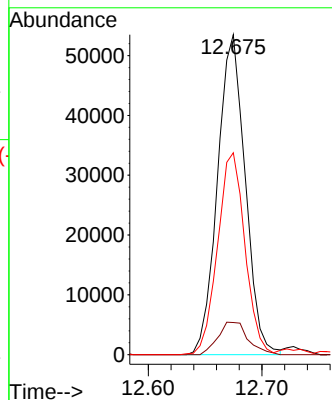
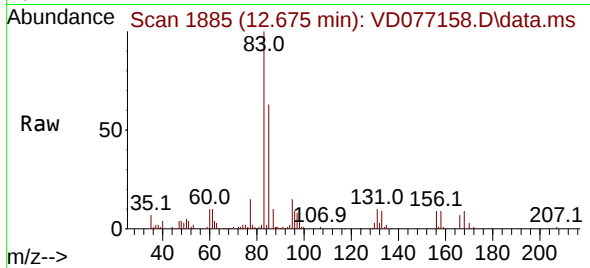




#75
1,1,2,2-Tetrachloroethane
Concen: 38.776 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

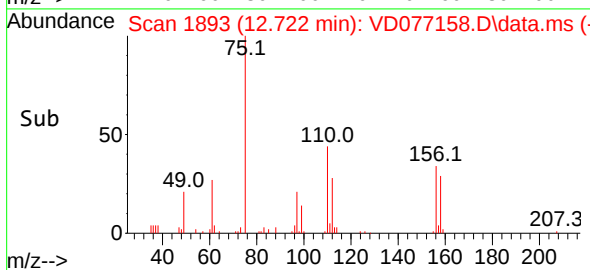
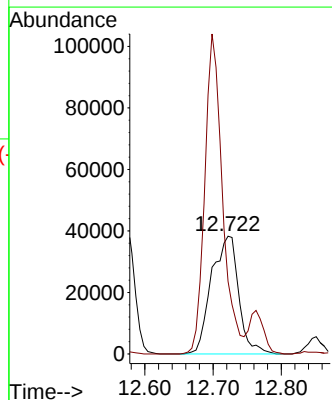
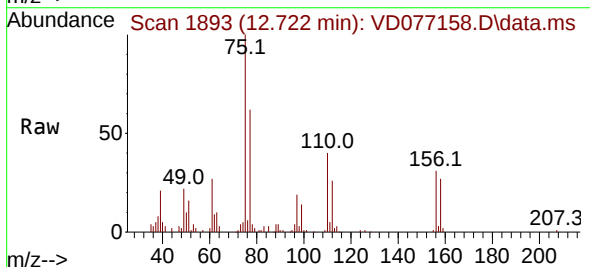
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

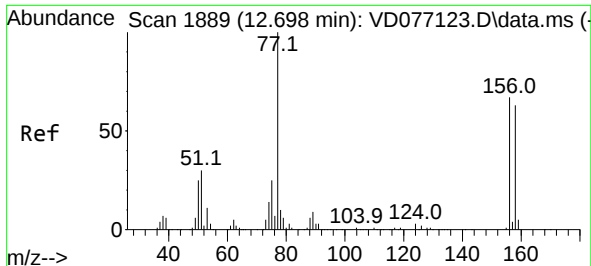
Tgt Ion: 83 Resp: 90611
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 62.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 79.639 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 75 Resp: 106457
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

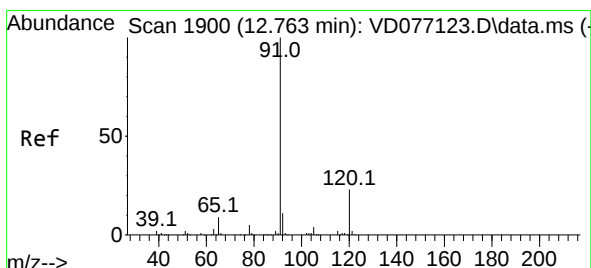
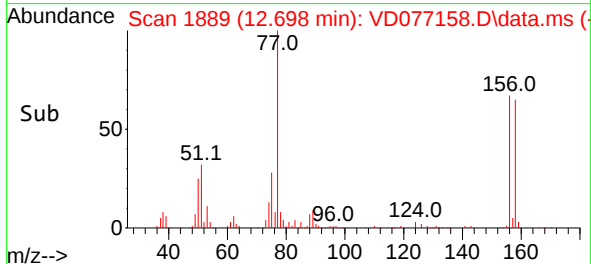
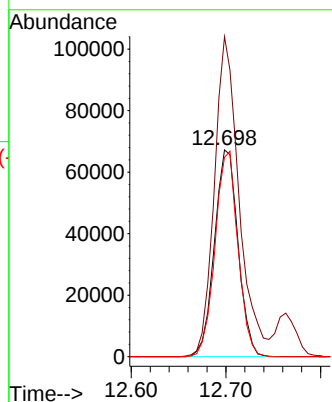
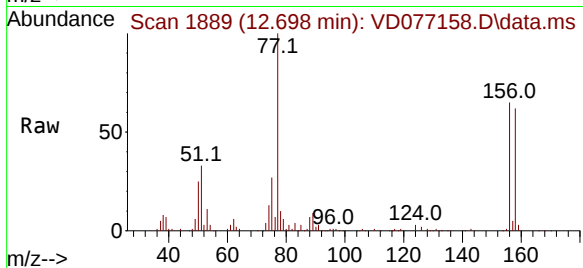




#77
Bromobenzene
Concen: 37.808 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

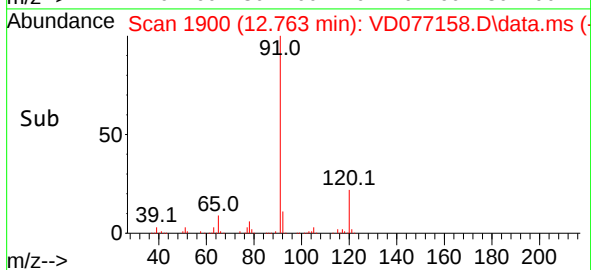
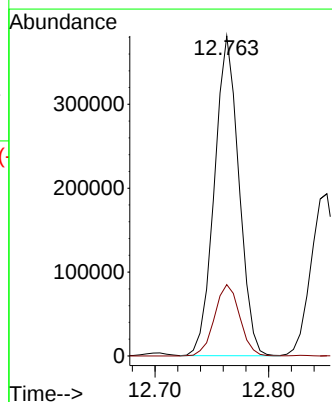
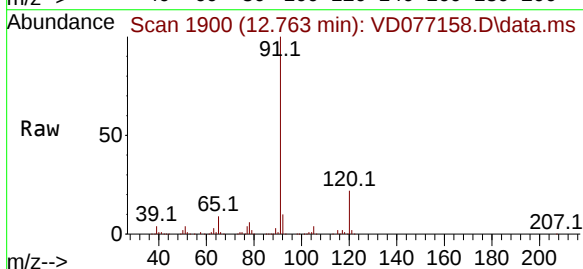
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

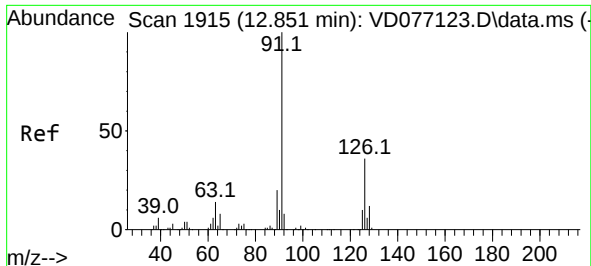
Tgt Ion:156 Resp: 116571
Ion Ratio Lower Upper
156 100
77 162.3 76.8 230.4
158 95.9 48.6 145.9



#78
n-propylbenzene
Concen: 37.685 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 91 Resp: 570381
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

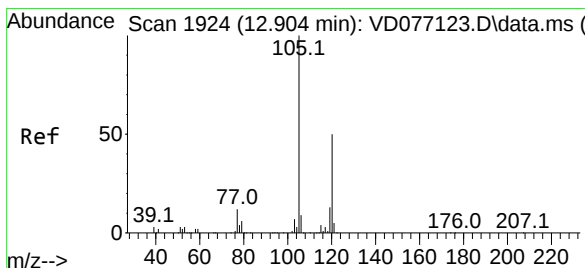
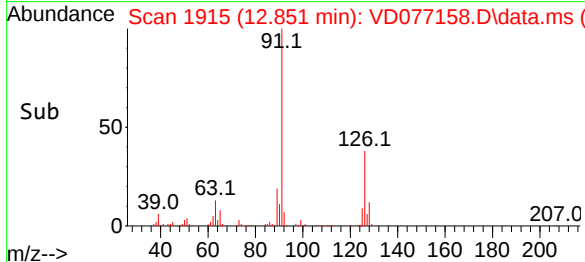
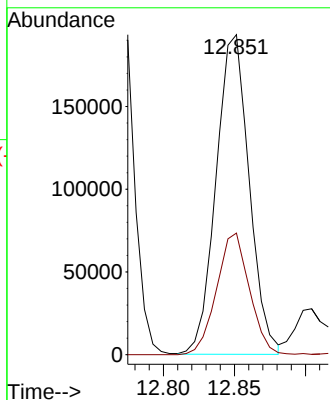
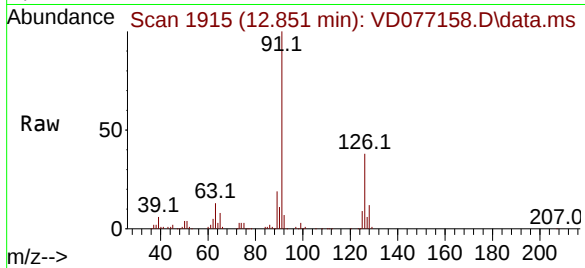




#79
2-Chlorotoluene
Concen: 37.494 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

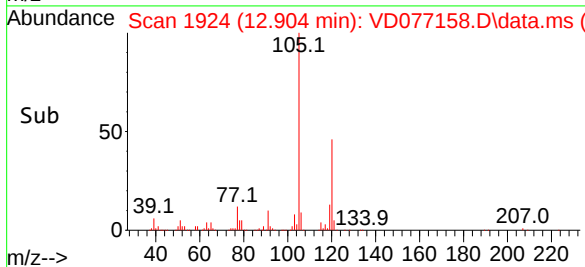
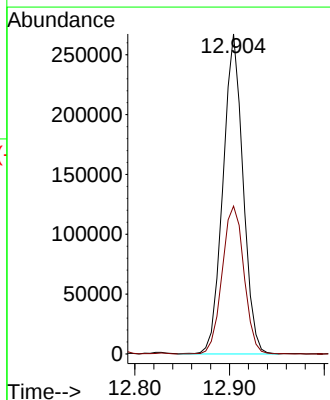
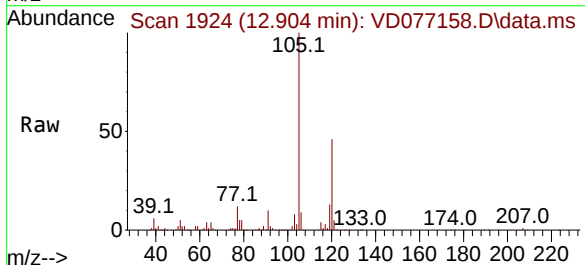
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

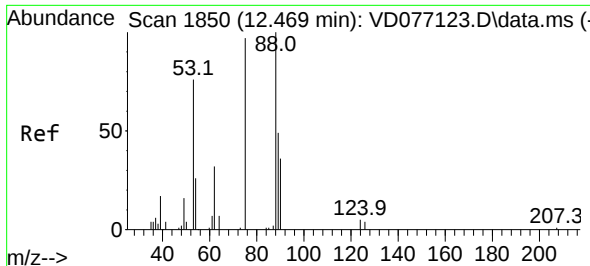
Tgt Ion: 91 Resp: 312937
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 38.050 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 105 Resp: 393490
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

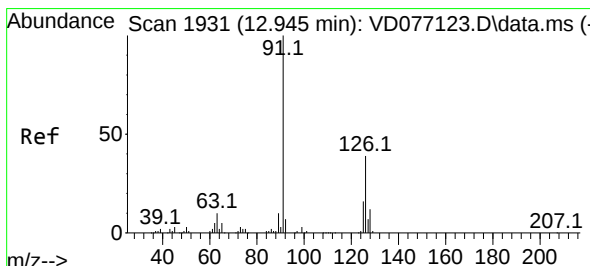
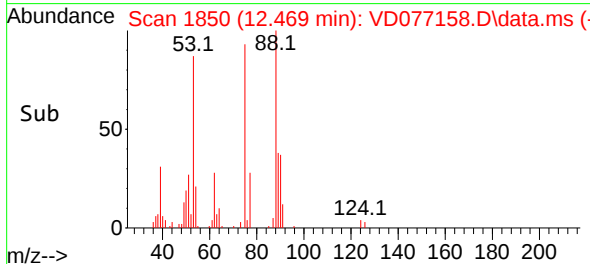
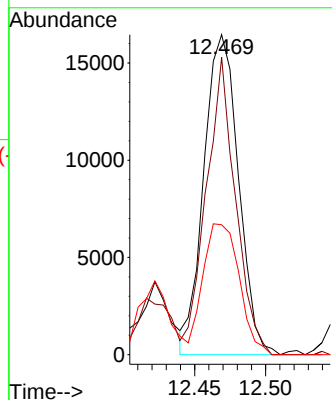
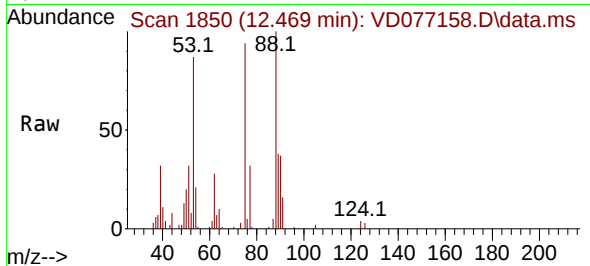




#81
trans-1,4-Dichloro-2-butene
Concen: 39.502 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

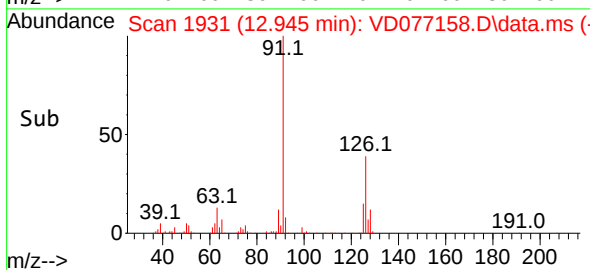
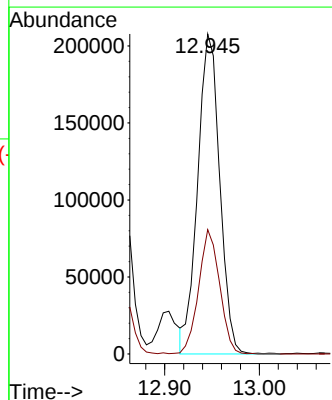
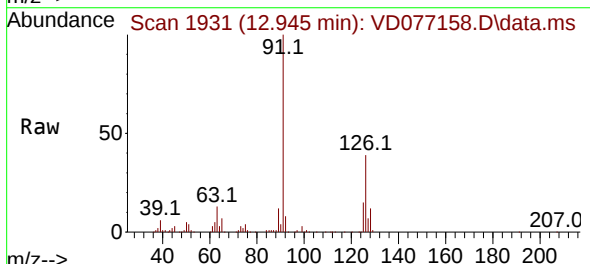
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

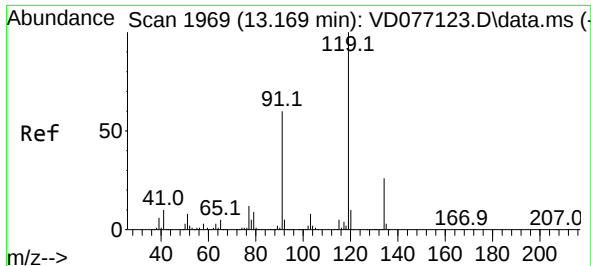
Tgt Ion: 75 Resp: 27897
Ion Ratio Lower Upper
75 100
53 79.0 63.0 94.4
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 38.253 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 91 Resp: 335556
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

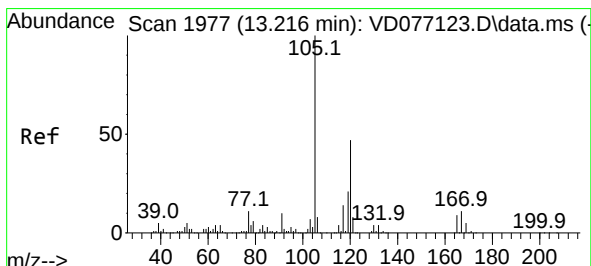
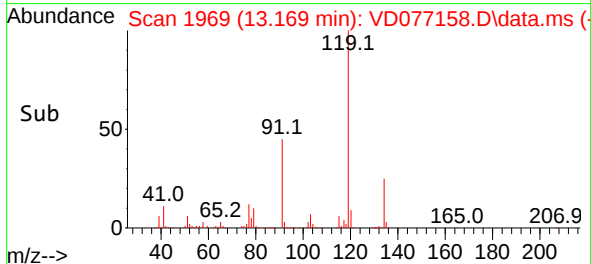
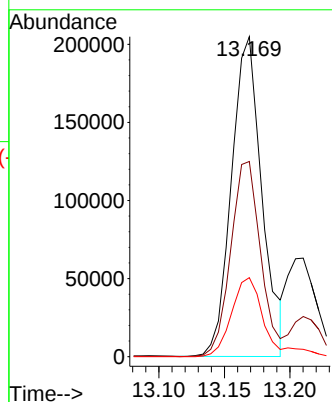
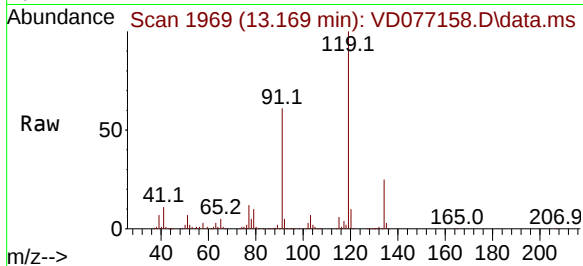




#83
tert-Butylbenzene
Concen: 37.432 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

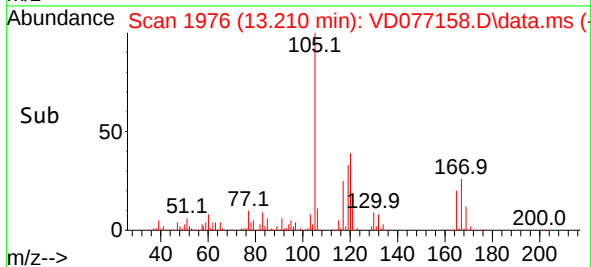
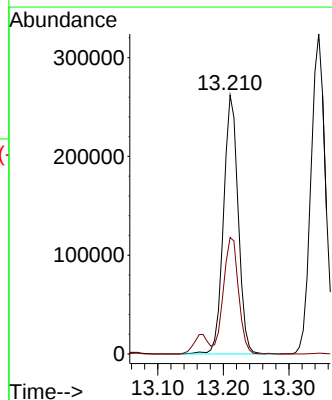
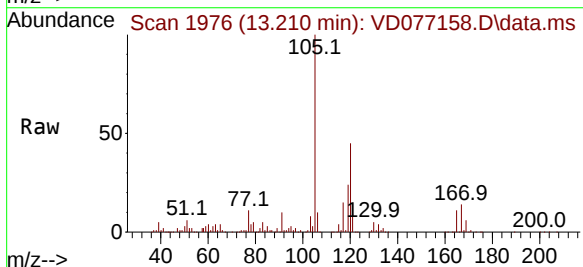
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

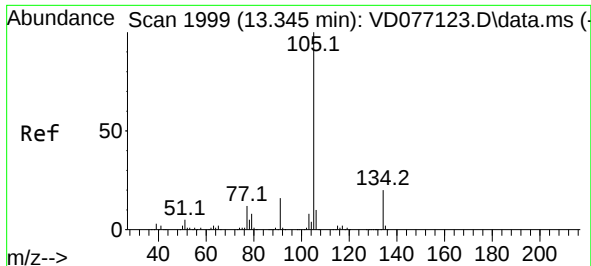
Tgt Ion:119 Resp: 330713
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 38.602 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:105 Resp: 404786
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

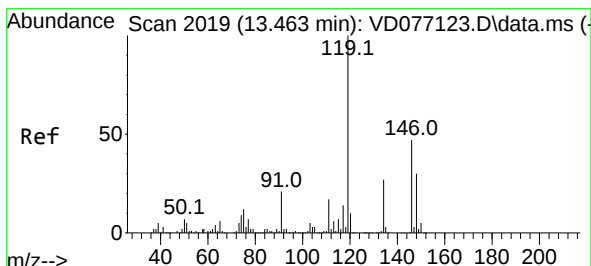
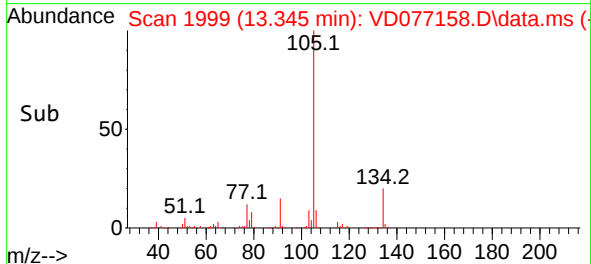
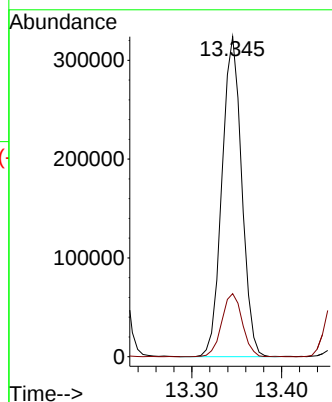
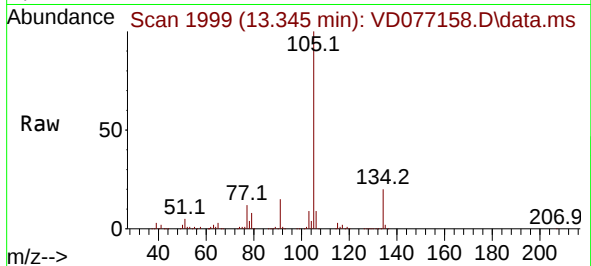




#85
 sec-Butylbenzene
 Concen: 37.299 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

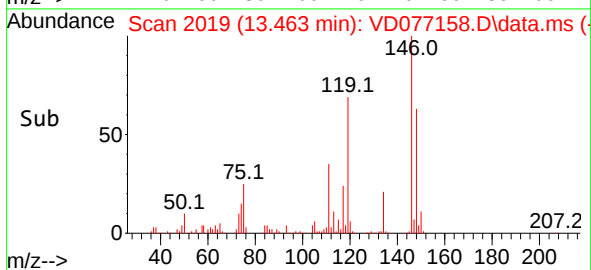
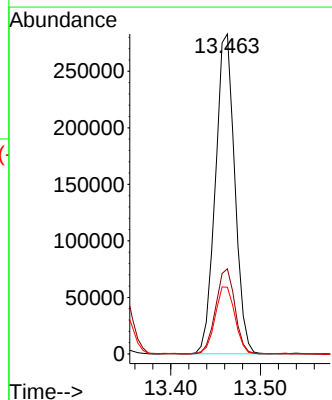
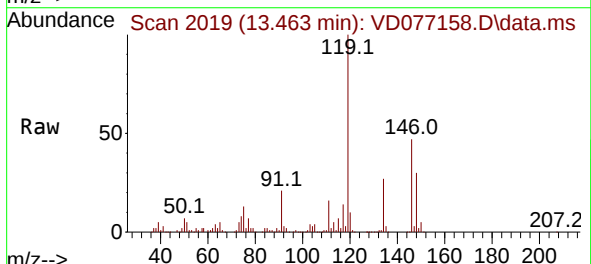
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

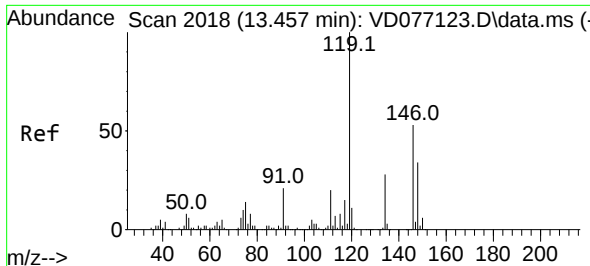
Tgt Ion:105 Resp: 494498
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 37.558 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077158.D
 Acq: 19 Sep 2023 20:44

Tgt Ion:119 Resp: 422420
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 37.431 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

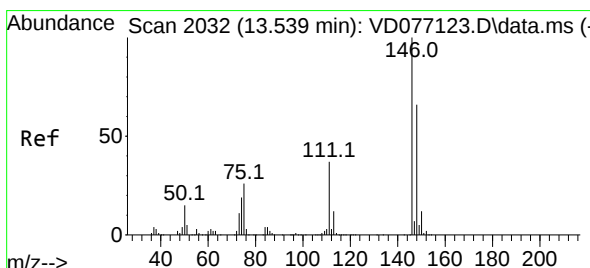
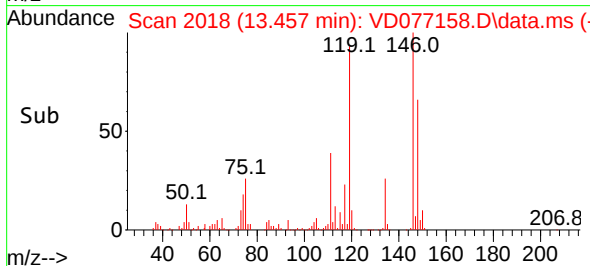
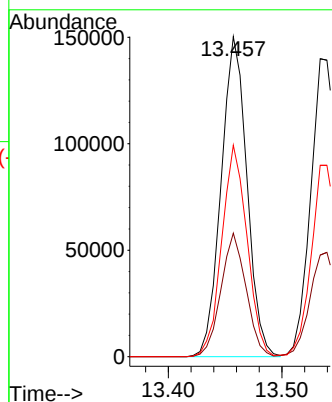
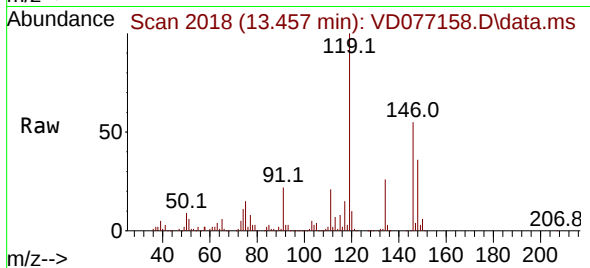
Tgt Ion:146 Resp: 237345

Ion Ratio Lower Upper

146 100

111 37.6 17.9 53.8

148 64.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 37.544 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD077158.D

Acq: 19 Sep 2023 20:44

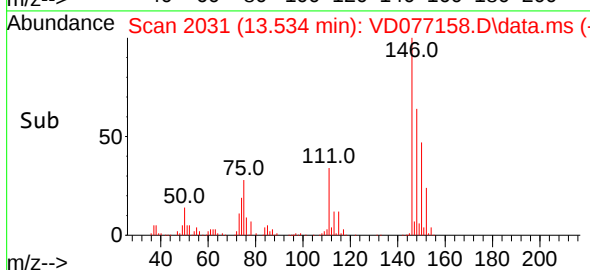
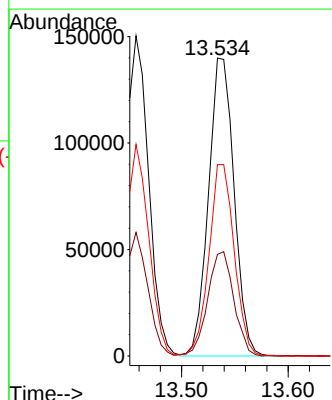
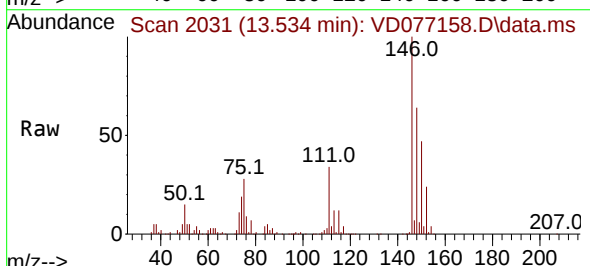
Tgt Ion:146 Resp: 234228

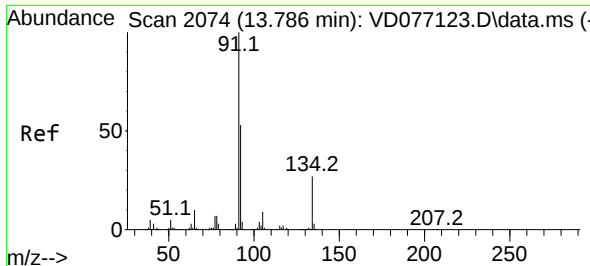
Ion Ratio Lower Upper

146 100

111 35.8 17.4 52.3

148 63.4 31.7 95.1

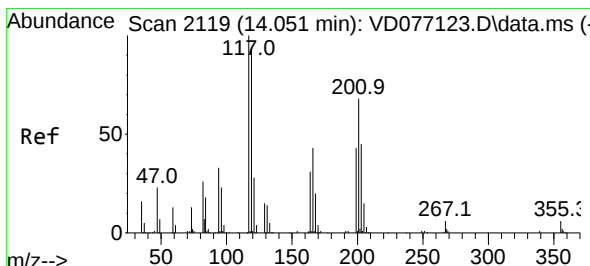
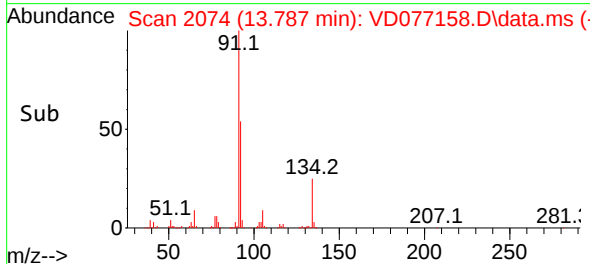
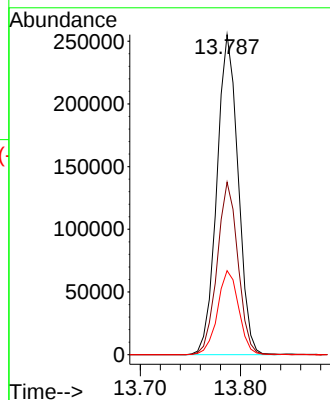
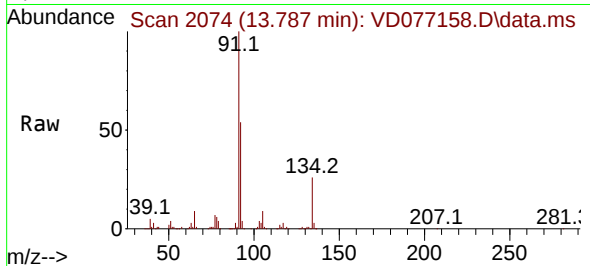




#89
n-Butylbenzene
Concen: 36.069 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

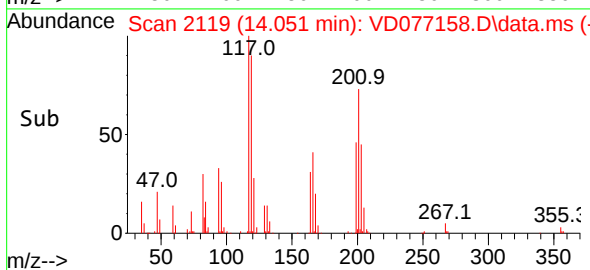
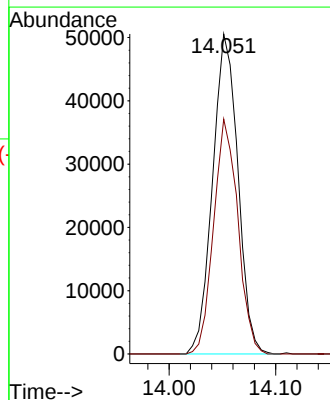
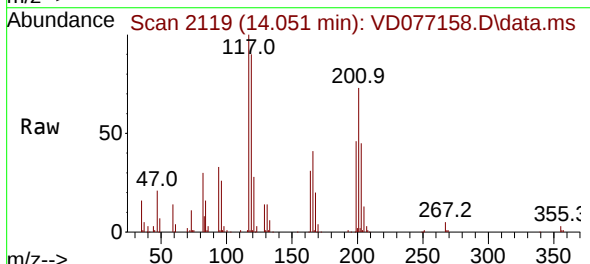
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

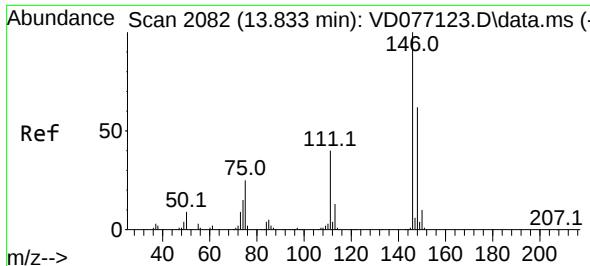
Tgt Ion: 91 Resp: 374226
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 26.3 13.8 41.3



#90
Hexachloroethane
Concen: 37.373 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 117 Resp: 83361
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5

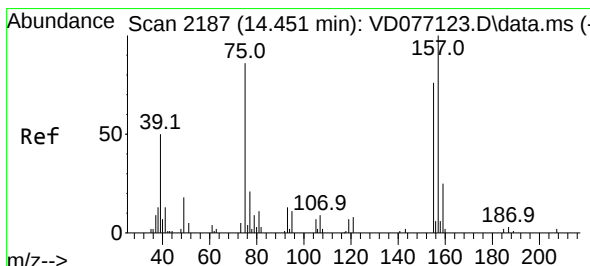
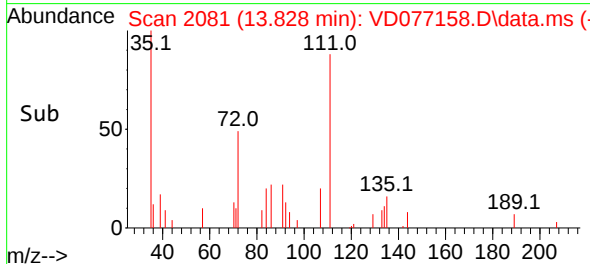
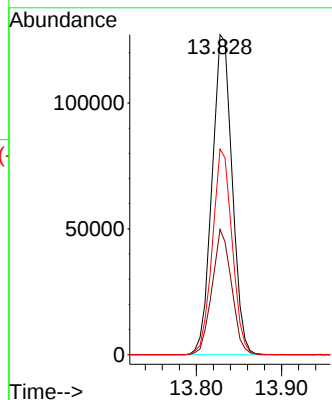
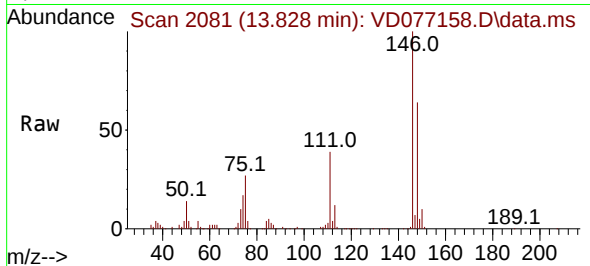




#91
1,2-Dichlorobenzene
Concen: 38.386 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

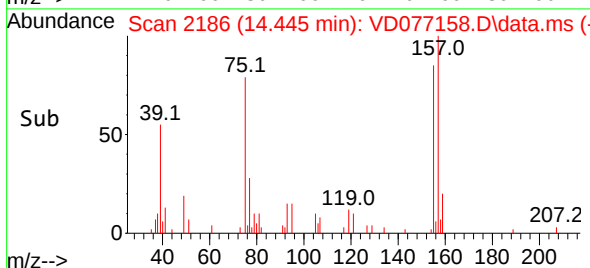
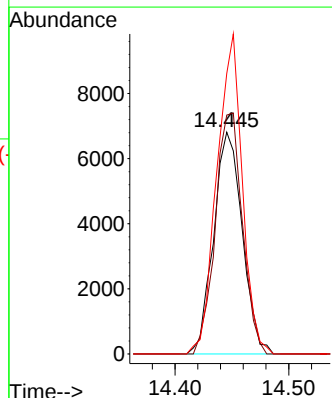
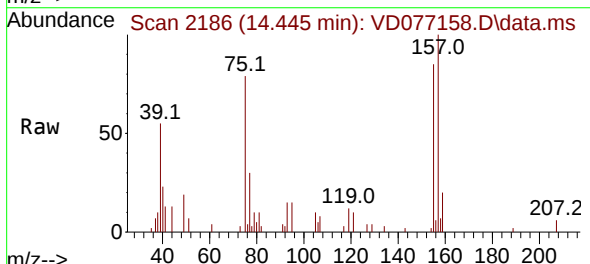
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

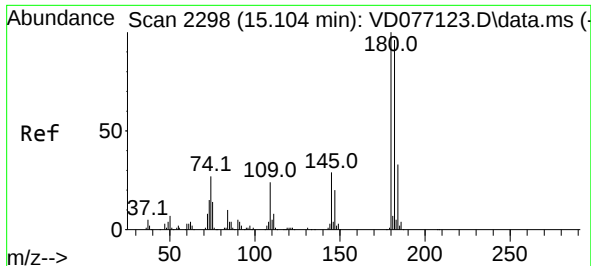
Tgt Ion:146 Resp: 208690
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.235 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion: 75 Resp: 11930
Ion Ratio Lower Upper
75 100
155 102.9 47.9 143.8
157 128.1 59.9 179.7

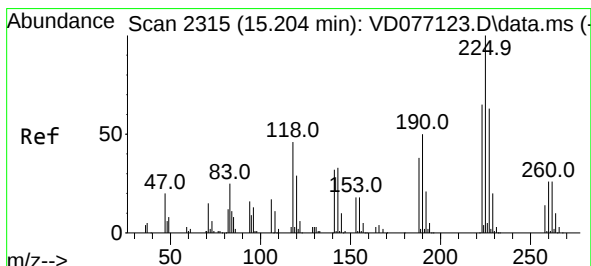
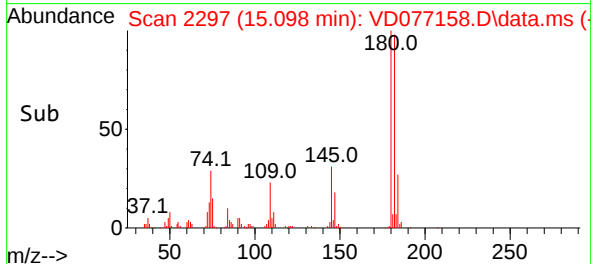
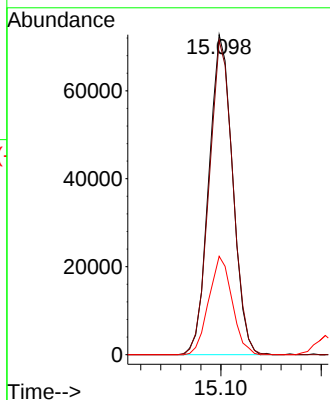
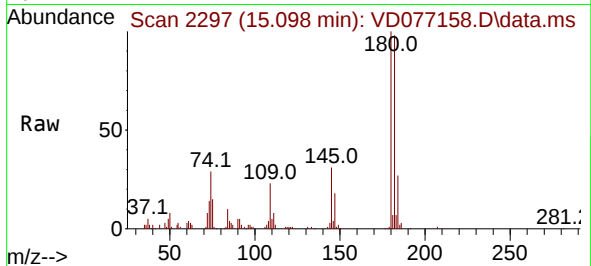




#93
1,2,4-Trichlorobenzene
Concen: 35.666 ug/l
RT: 15.098 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

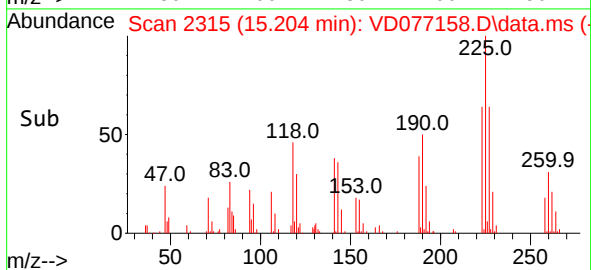
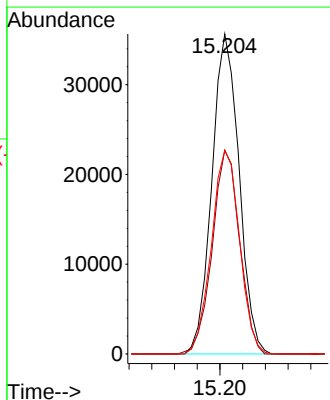
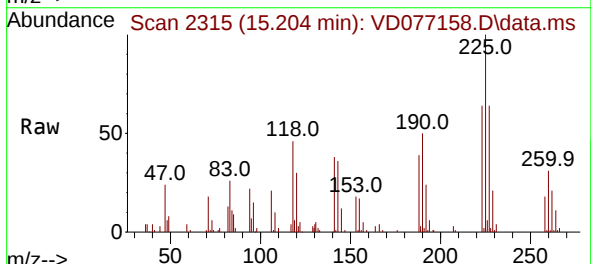
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

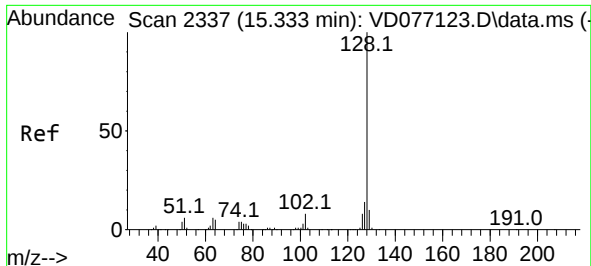
Tgt Ion:180 Resp: 119630
Ion Ratio Lower Upper
180 100
182 98.3 48.5 145.6
145 30.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 33.333 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:225 Resp: 59247
Ion Ratio Lower Upper
225 100
223 64.1 31.6 94.8
227 65.6 31.7 95.1

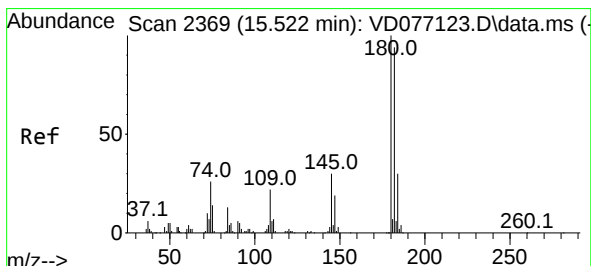
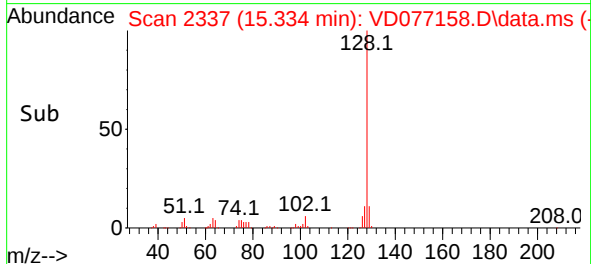
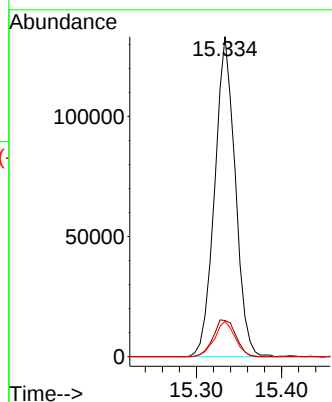
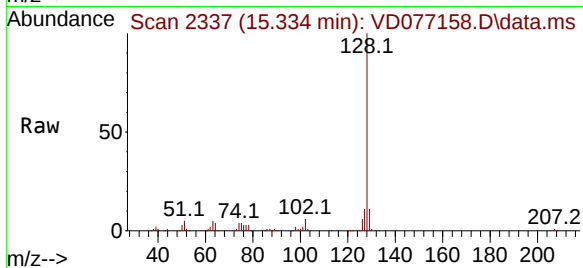




#95
Naphthalene
Concen: 36.274 ug/l
RT: 15.334 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 223104
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 36.780 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077158.D
Acq: 19 Sep 2023 20:44

Tgt Ion:180 Resp: 109652
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.9
145 30.4 15.1 45.3

