

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079804.D
 Acq On : 06 Sep 2024 17:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.66G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 07 00:01:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99766	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	208161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81179	59.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.804	113	70186	51.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	311550	53.689	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.569	95	89231	54.956	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	109.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	57510	48.007	ug/l	98
3) Chloromethane	2.146	50	144706	57.985	ug/l	94
4) Vinyl Chloride	2.281	62	166677	55.439	ug/l	98
5) Bromomethane	2.687	94	106580	51.209	ug/l	98
6) Chloroethane	2.828	64	118285	58.032	ug/l	95
7) Trichlorofluoromethane	3.169	101	112515	49.577	ug/l	99
8) Diethyl Ether	3.593	74	39864	55.364	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.963	101	60110	47.304	ug/l	90
10) Methyl Iodide	4.163	142	67030	45.780	ug/l	# 87
11) Tert butyl alcohol	5.063	59	21691	323.339	ug/l	# 87
12) 1,1-Dichloroethene	3.934	96	67054	50.259	ug/l	85
13) Acrolein	3.793	56	22199	169.737	ug/l	98
14) Allyl chloride	4.563	41	112709	57.342	ug/l	# 84
15) Acrylonitrile	5.252	53	95453	293.990	ug/l	98
16) Acetone	4.022	43	83826	296.954	ug/l	89
17) Carbon Disulfide	4.269	76	233328	47.828	ug/l	100
18) Methyl Acetate	4.563	43	45083	55.715	ug/l	# 81
19) Methyl tert-butyl Ether	5.322	73	169055	57.900	ug/l	98
20) Methylene Chloride	4.799	84	95009	56.208	ug/l	# 83
21) trans-1,2-Dichloroethene	5.310	96	78202	52.813	ug/l	# 77
22) Diisopropyl ether	6.216	45	252553	61.054	ug/l	# 92
23) Vinyl Acetate	6.152	43	740173	304.795	ug/l	# 87
24) 1,1-Dichloroethane	6.105	63	149102	55.121	ug/l	95
25) 2-Butanone	7.081	43	115527	306.767	ug/l	95
26) 2,2-Dichloropropane	7.075	77	109037	51.810	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	90476	53.275	ug/l	83
28) Bromochloromethane	7.428	49	70080	58.289	ug/l	# 58
29) Tetrahydrofuran	7.446	42	74913	321.605	ug/l	# 76
30) Chloroform	7.593	83	145993	54.367	ug/l	95
31) Cyclohexane	7.875	56	107951	47.470	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	117602	52.579	ug/l	96
36) 1,1-Dichloropropene	8.004	75	100795	50.260	ug/l	93
37) Ethyl Acetate	7.169	43	51827	58.481	ug/l	# 94
38) Carbon Tetrachloride	7.993	117	104884	49.039	ug/l	99
39) Methylcyclohexane	9.275	83	109052	44.653	ug/l	89
40) Benzene	8.251	78	333533	49.869	ug/l	95

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 ALS Vial : 13 Sample Multiplier: 1

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 MSVOA_D
 ClientSampleId :
 VSTDC0050EC

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28755	56.701	ug/l #	81
42) 1,2-Dichloroethane	8.328	62	85974	52.413	ug/l	92
43) Isopropyl Acetate	8.357	43	96603	58.429	ug/l #	88
44) Trichloroethene	9.028	130	67021	46.954	ug/l	87
45) 1,2-Dichloropropane	9.304	63	82606	51.164	ug/l	93
46) Dibromomethane	9.393	93	42672	49.963	ug/l #	85
47) Bromodichloromethane	9.581	83	107390	50.349	ug/l	97
48) Methyl methacrylate	9.381	41	45391	56.880	ug/l #	81
49) 1,4-Dioxane	9.387	88	10267	1196.533	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	256534	297.044	ug/l	92
52) Toluene	10.334	92	204303	50.507	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	107235	53.331	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	125258	52.297	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	57753	51.689	ug/l	95
56) Ethyl methacrylate	10.598	69	81001	57.858	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	105043	52.151	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	181390	287.824	ug/l #	86
59) 2-Hexanone	10.916	43	179144	267.012	ug/l	94
60) Dibromochloromethane	11.075	129	71104	51.737	ug/l	99
61) 1,2-Dibromoethane	11.175	107	50456	51.528	ug/l	98
64) Tetrachloroethene	10.810	164	52473	44.540	ug/l	91
65) Chlorobenzene	11.604	112	213742	48.031	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	69164	47.314	ug/l	98
67) Ethyl Benzene	11.681	91	391217	49.870	ug/l	99
68) m/p-Xylenes	11.792	106	296657	98.511	ug/l	87
69) o-Xylene	12.116	106	140045	49.897	ug/l	86
70) Styrene	12.134	104	252205	51.481	ug/l	94
71) Bromoform	12.298	173	35006	47.751	ug/l #	99
73) Isopropylbenzene	12.416	105	351227	51.477	ug/l	97
74) N-amyl acetate	12.228	43	100358	61.887	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	66956	51.123	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	90819	110.841	ug/l #	100
77) Bromobenzene	12.698	156	79052	52.059	ug/l	77
78) n-propylbenzene	12.763	91	444902	52.769	ug/l	94
79) 2-Chlorotoluene	12.845	91	244665	52.091	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	299423	52.787	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	25936	52.795	ug/l	94
82) 4-Chlorotoluene	12.945	91	255449	52.217	ug/l	95
83) tert-Butylbenzene	13.163	119	246330	52.258	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	310536	53.070	ug/l	96
85) sec-Butylbenzene	13.339	105	371837	51.596	ug/l	97
86) p-Isopropyltoluene	13.457	119	315266	46.054	ug/l	95
87) 1,3-Dichlorobenzene	13.451	146	157678	48.368	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	156998	48.167	ug/l	94
89) n-Butylbenzene	13.781	91	299807	51.927	ug/l	97
90) Hexachloroethane	14.051	117	60042	49.271	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	139935	50.125	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9812	51.313	ug/l	79
93) 1,2,4-Trichlorobenzene	15.092	180	78003	50.871	ug/l	98
94) Hexachlorobutadiene	15.198	225	35562	48.229	ug/l	95
95) Naphthalene	15.328	128	184271	59.221	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	70504	52.622	ug/l	98

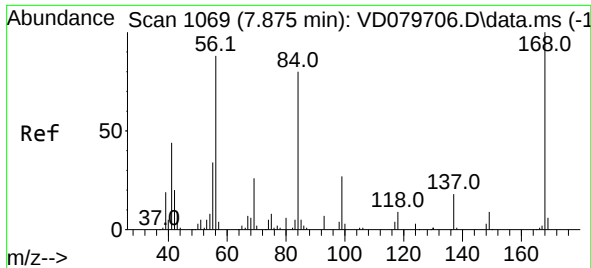
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
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ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 07 00:01:03 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

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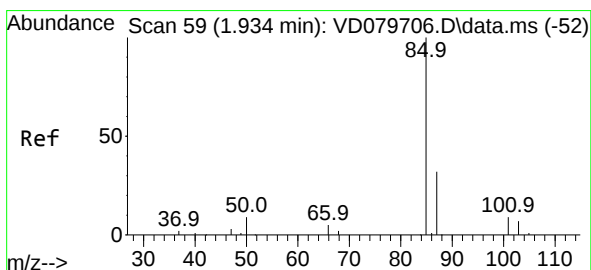
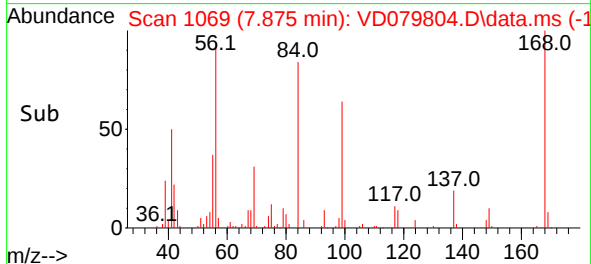
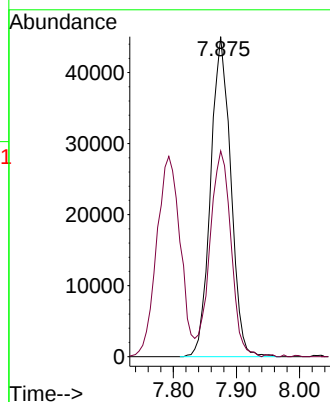
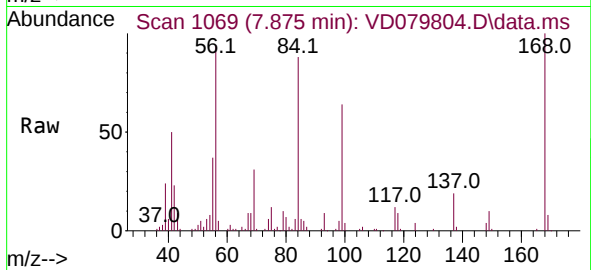
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

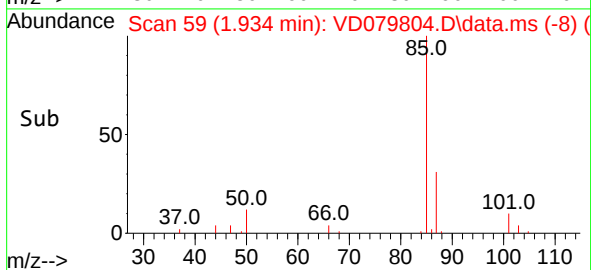
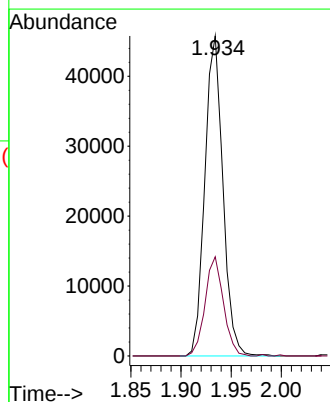
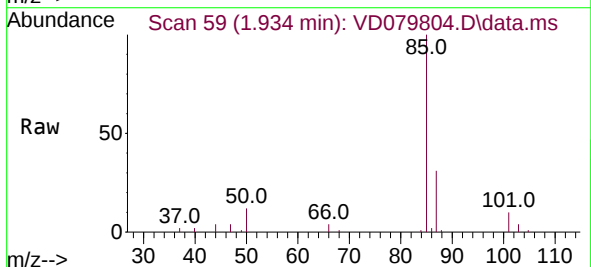
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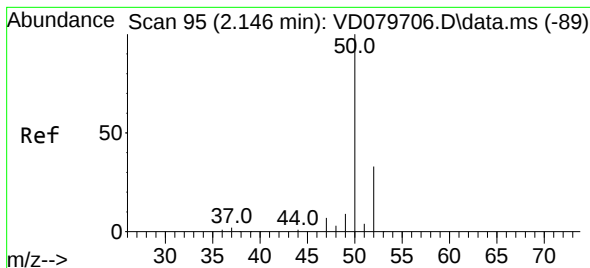
Tgt Ion:168 Resp: 99766
Ion Ratio Lower Upper
168 100
99 64.3 41.1 61.7#



#2
Dichlorodifluoromethane
Concen: 48.007 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 85 Resp: 57510
Ion Ratio Lower Upper
85 100
87 31.0 16.0 48.0





#3

Chloromethane

Concen: 57.985 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

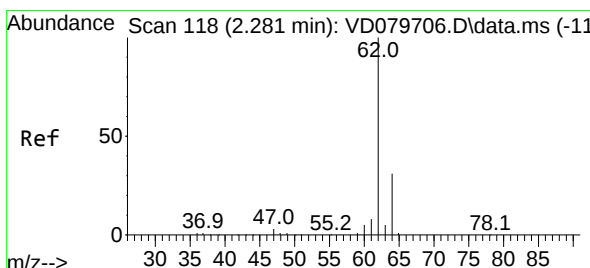
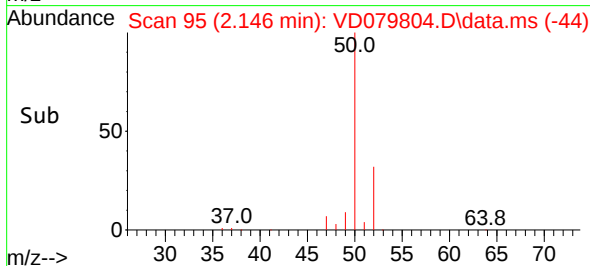
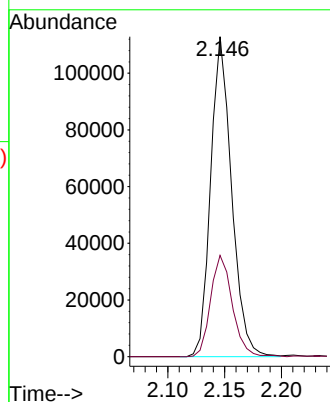
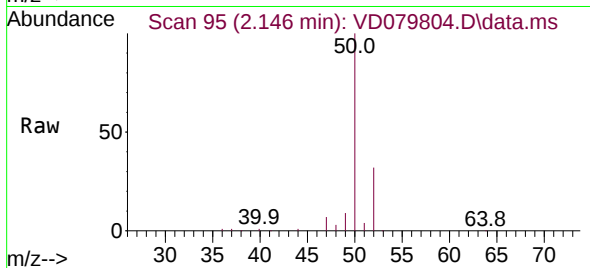
VSTDCCC050EC

Tgt Ion: 50 Resp: 144706

Ion Ratio Lower Upper

50 100

52 31.7 28.2 42.2



#4

Vinyl Chloride

Concen: 55.439 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD079804.D

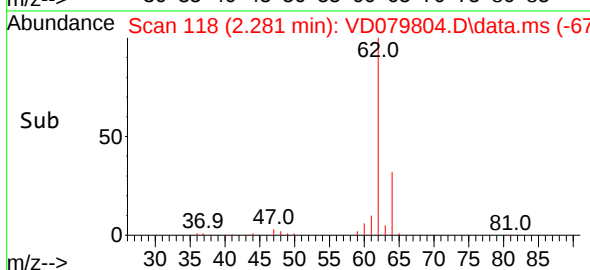
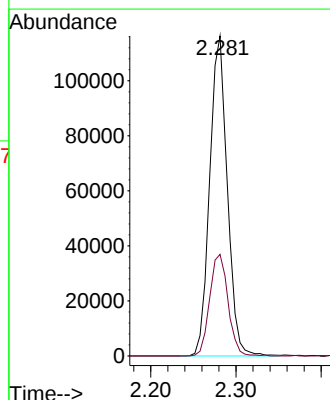
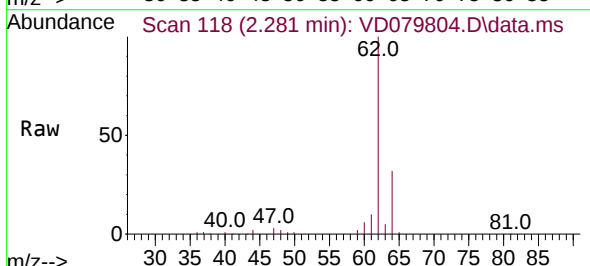
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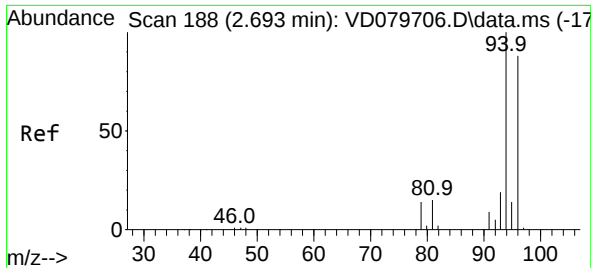
Tgt Ion: 62 Resp: 166677

Ion Ratio Lower Upper

62 100

64 31.8 26.3 39.5

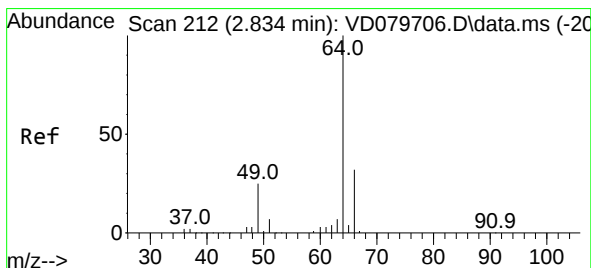
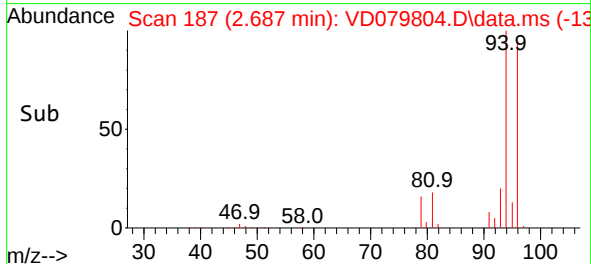
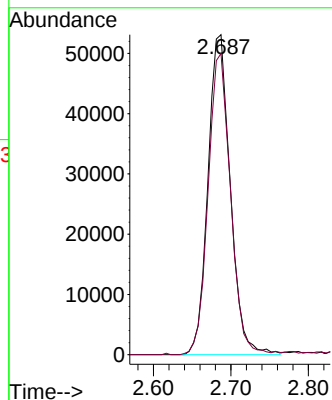
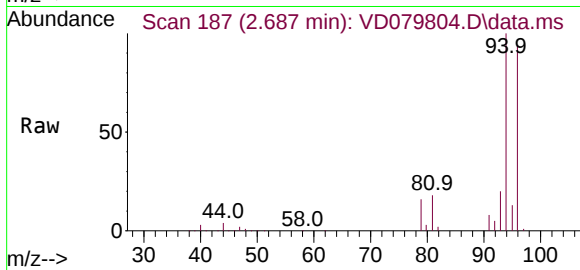




#5
Bromomethane
Concen: 51.209 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

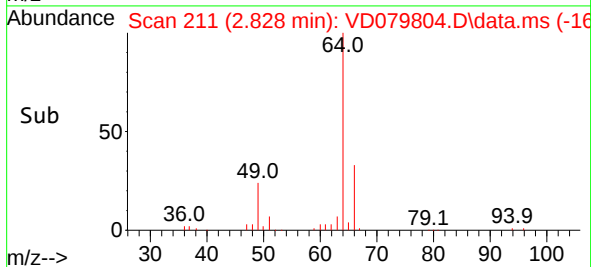
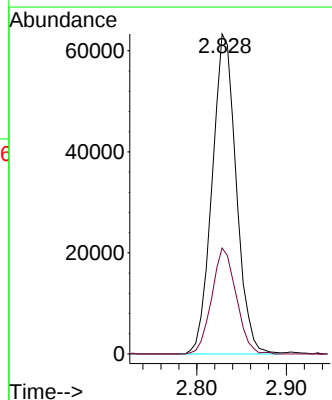
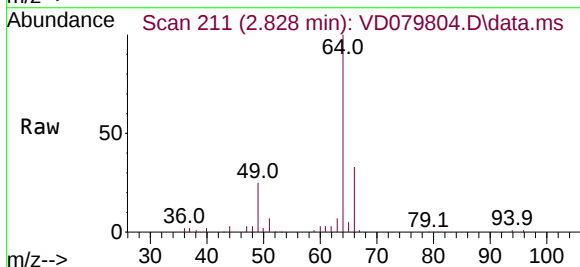
Instrument :
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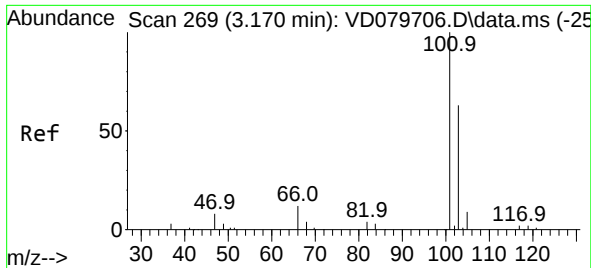
Tgt Ion: 94 Resp: 106580
Ion Ratio Lower Upper
94 100
96 94.0 76.9 115.3



#6
Chloroethane
Concen: 58.032 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 64 Resp: 118285
Ion Ratio Lower Upper
64 100
66 33.1 24.5 36.7

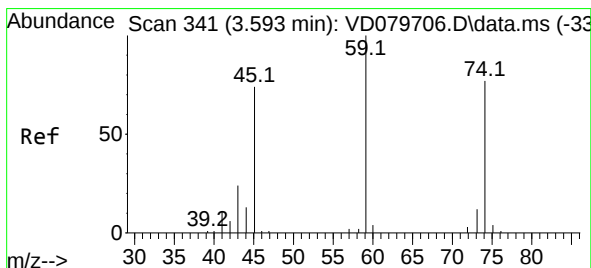
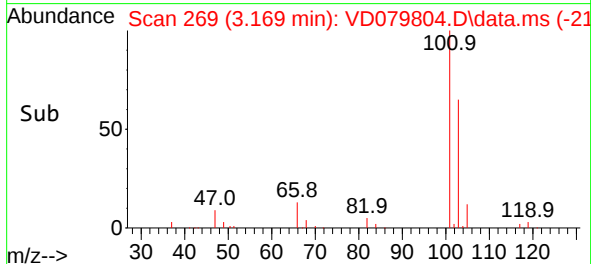
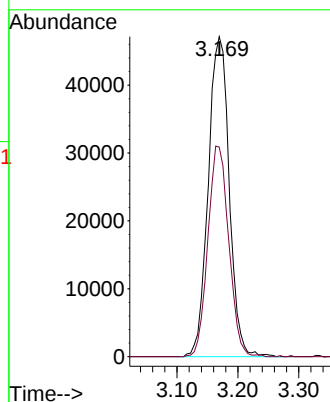
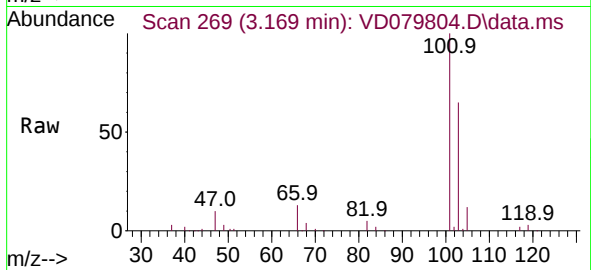




#7
 Trichlorofluoromethane
 Concen: 49.577 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079804.D
 Acq: 06 Sep 2024 17:50

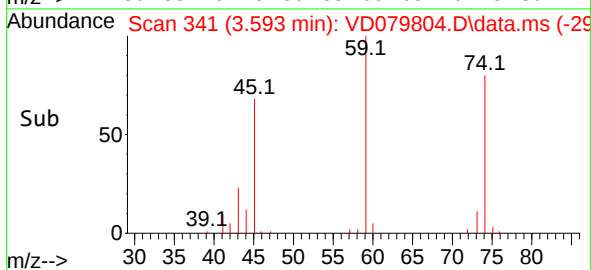
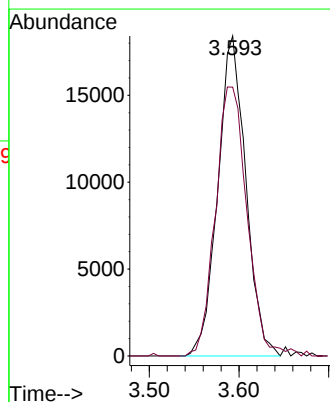
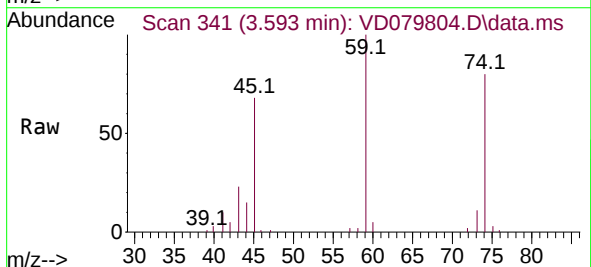
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 ClientSampleId :
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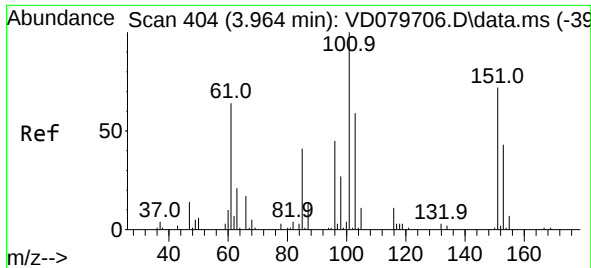
Tgt Ion:101 Resp: 112515
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.2 79.8



#8
 Diethyl Ether
 Concen: 55.364 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079804.D
 Acq: 06 Sep 2024 17:50

Tgt Ion: 74 Resp: 39864
 Ion Ratio Lower Upper
 74 100
 45 95.3 37.9 113.6

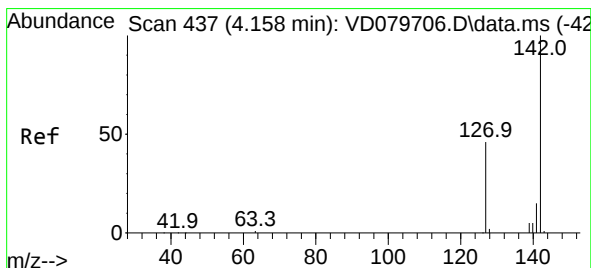
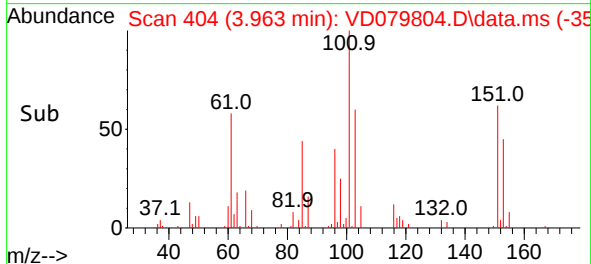
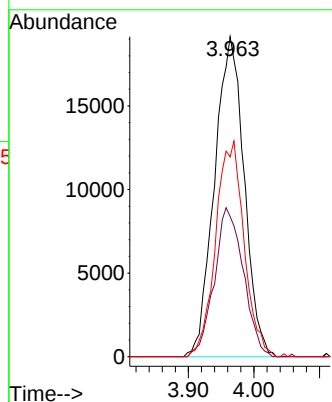
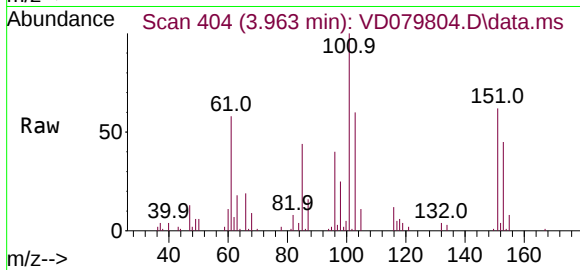




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.304 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

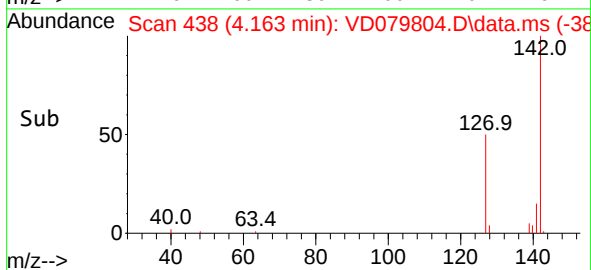
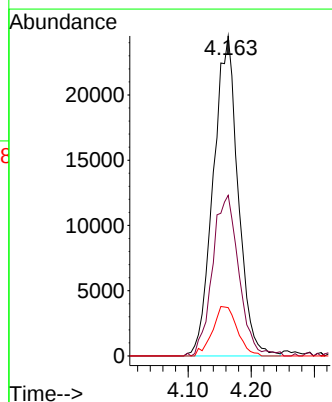
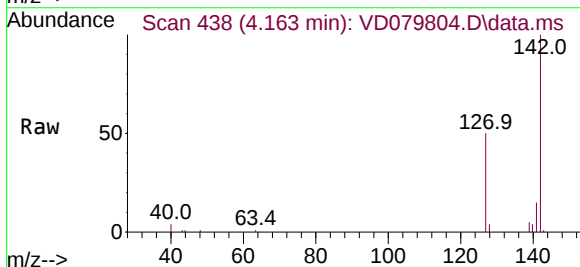
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

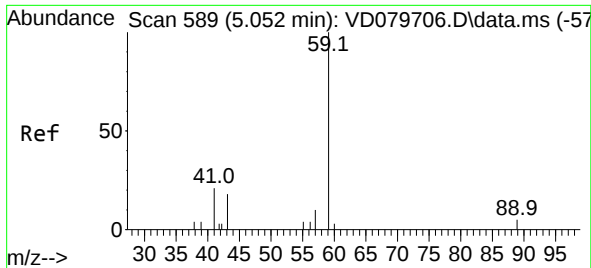
Tgt Ion:101 Resp: 60110
Ion Ratio Lower Upper
101 100
85 45.6 33.5 50.3
151 64.5 60.3 90.5



#10
Methyl Iodide
Concen: 45.780 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:142 Resp: 67030
Ion Ratio Lower Upper
142 100
127 53.3 34.2 51.4#
141 15.3 11.7 17.5

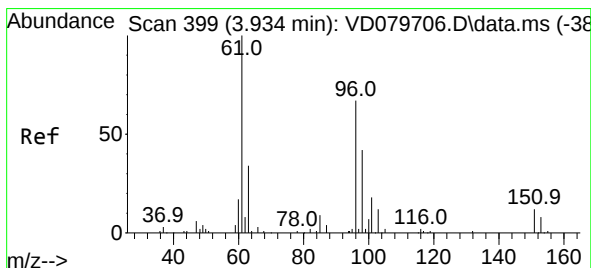
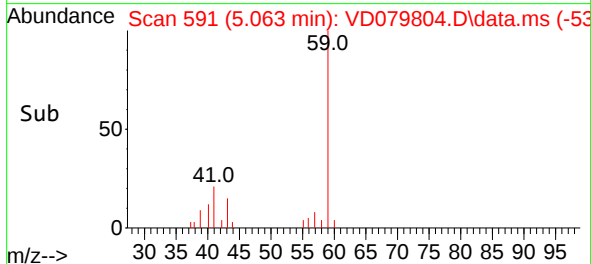
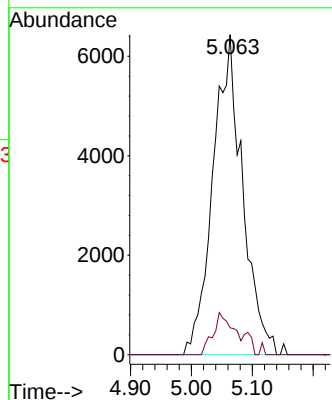
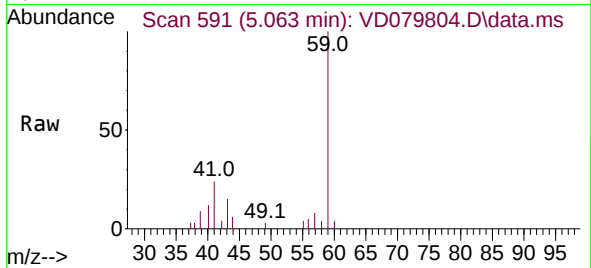




#11
Tert butyl alcohol
Concen: 323.339 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

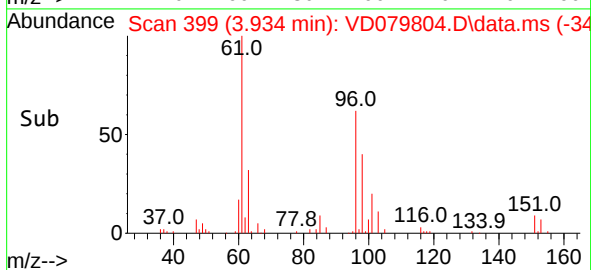
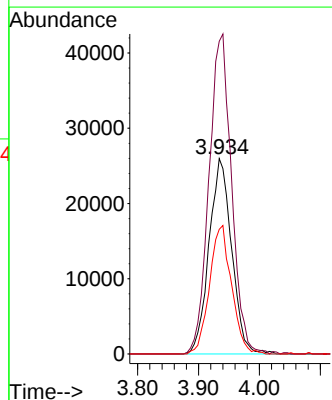
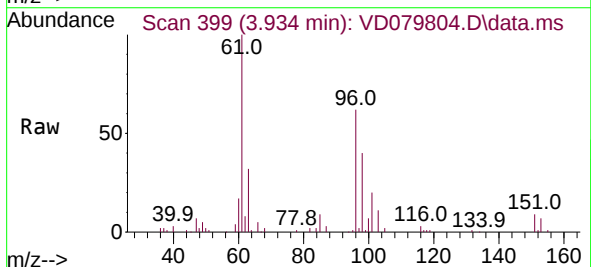
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

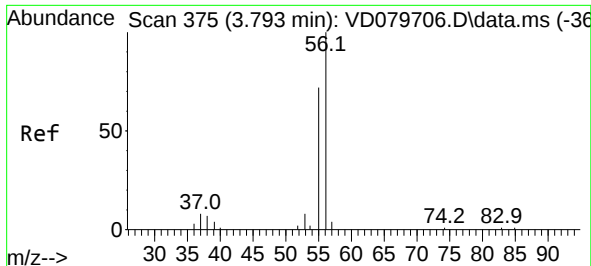
Tgt Ion: 59 Resp: 21691
Ion Ratio Lower Upper
59 100
57 8.9 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.259 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 96 Resp: 67054
Ion Ratio Lower Upper
96 100
61 160.1 107.3 160.9
98 63.8 51.7 77.5





#13

Acrolein

Concen: 169.737 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

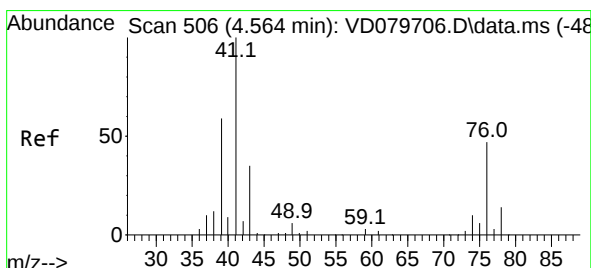
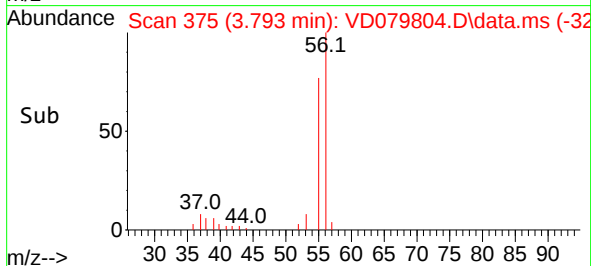
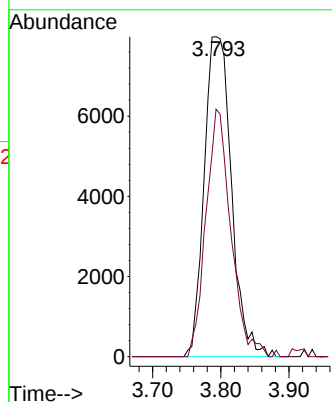
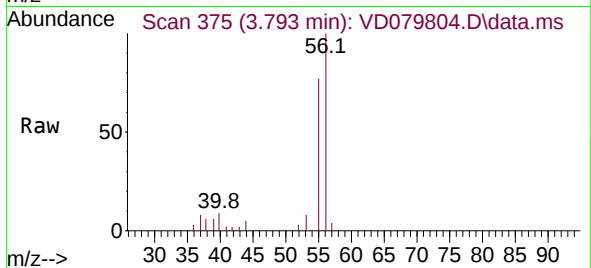
VSTDCCC050EC

Tgt Ion: 56 Resp: 22199

Ion Ratio Lower Upper

56 100

55 70.7 55.3 82.9



#14

Allyl chloride

Concen: 57.342 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.001 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

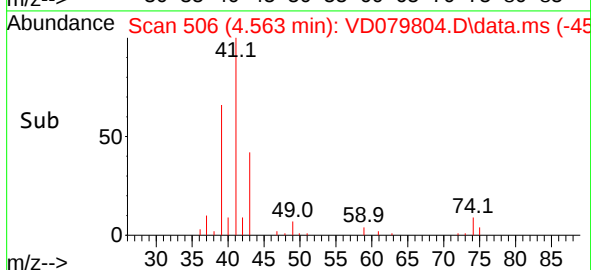
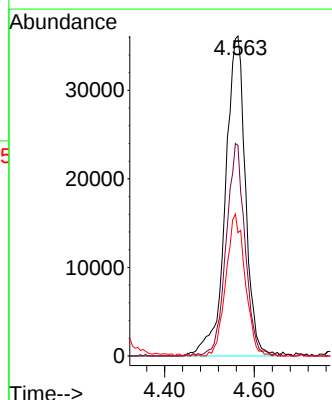
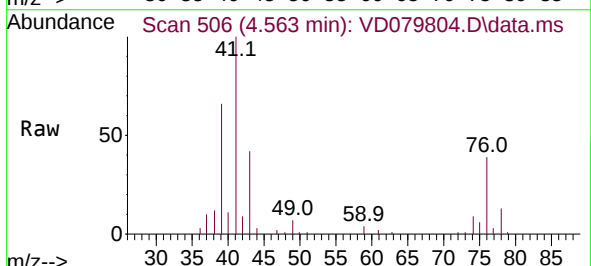
Tgt Ion: 41 Resp: 112709

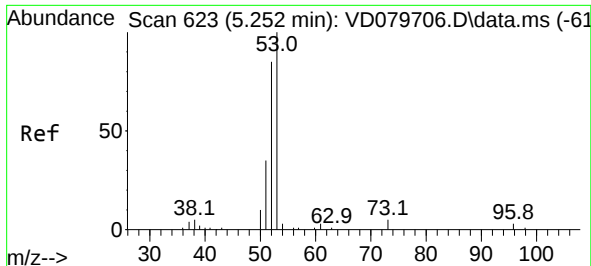
Ion Ratio Lower Upper

41 100

39 62.4 58.0 87.0

76 42.5 45.9 68.9#

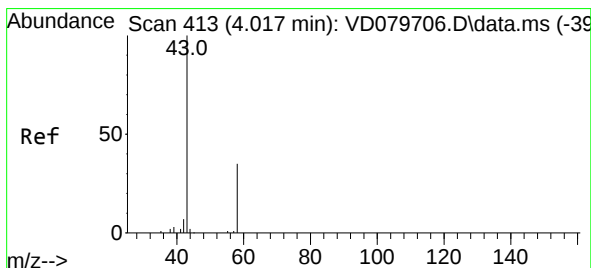
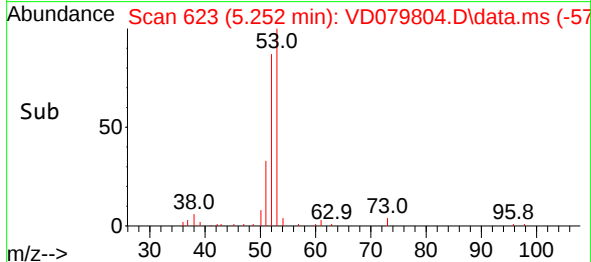
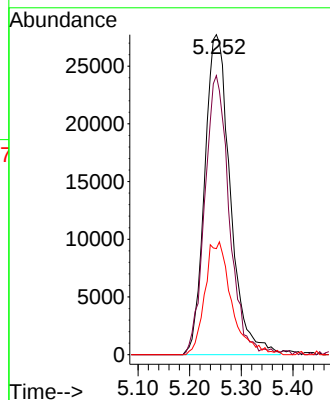
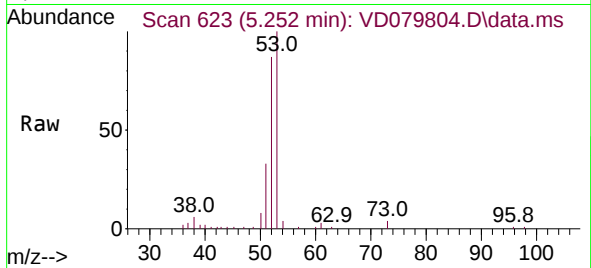




#15
Acrylonitrile
Concen: 293.990 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

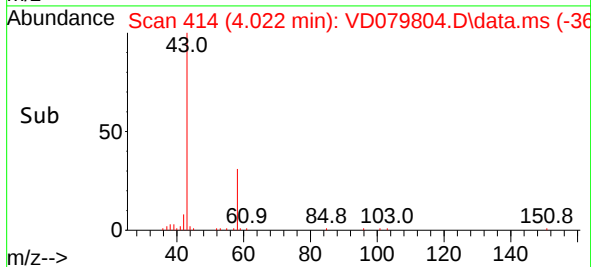
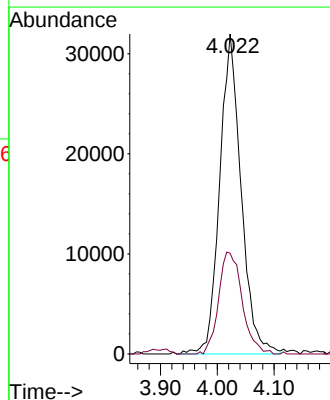
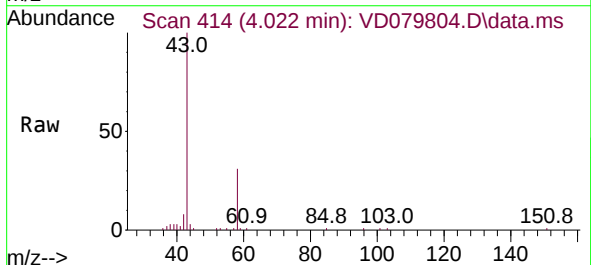
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

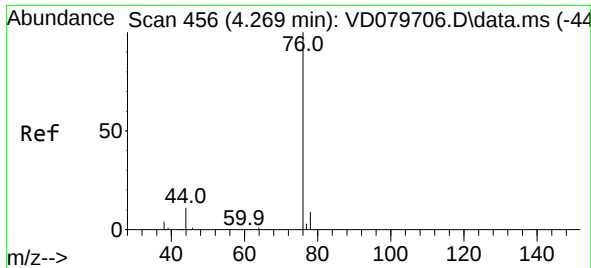
Tgt Ion: 53 Resp: 95453
Ion Ratio Lower Upper
53 100
52 83.0 67.7 101.5
51 36.8 28.6 42.8



#16
Acetone
Concen: 296.954 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 43 Resp: 83826
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6

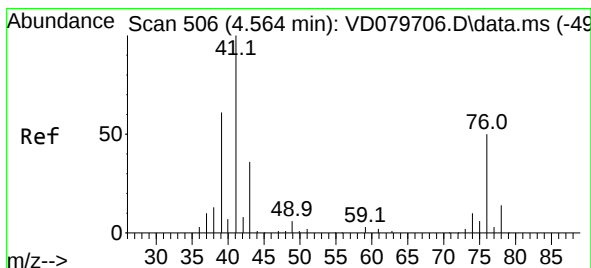
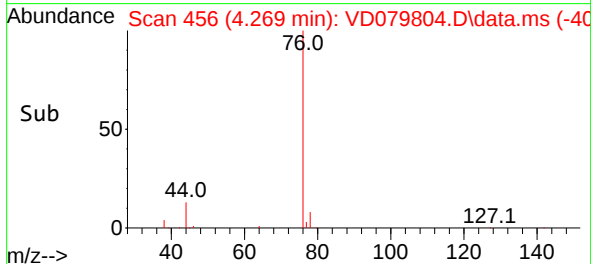
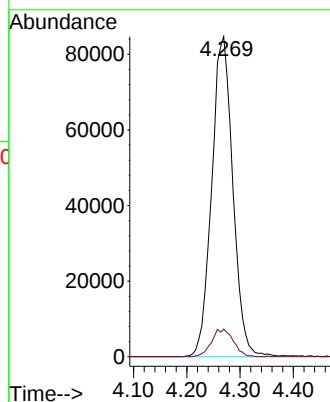
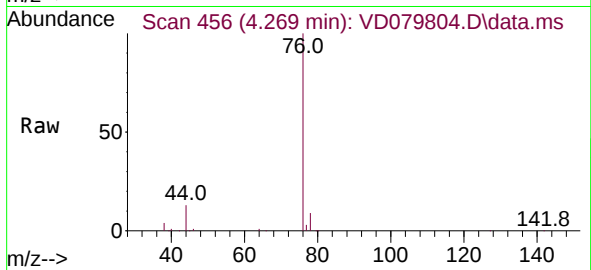




#17
Carbon Disulfide
Concen: 47.828 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

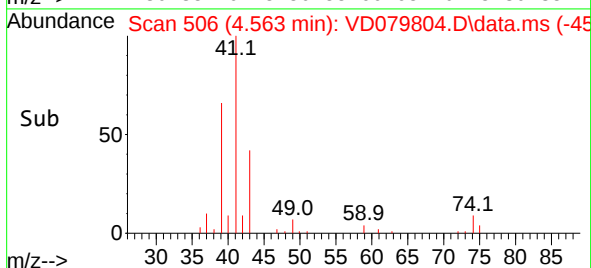
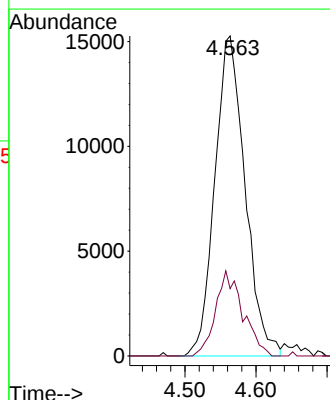
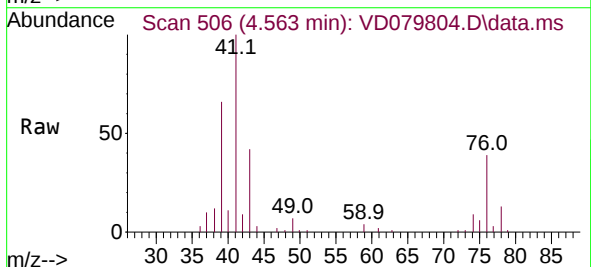
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

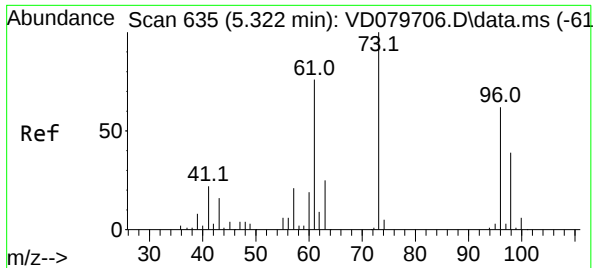
Tgt Ion: 76 Resp: 233328
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 55.715 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 43 Resp: 45083
Ion Ratio Lower Upper
43 100
74 24.0 28.1 42.1#

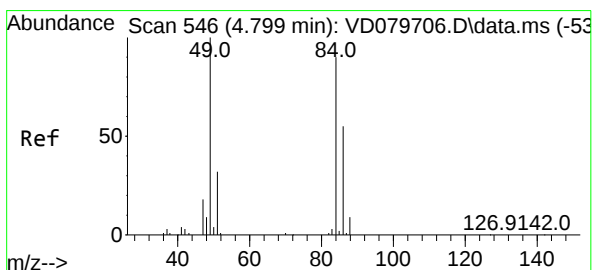
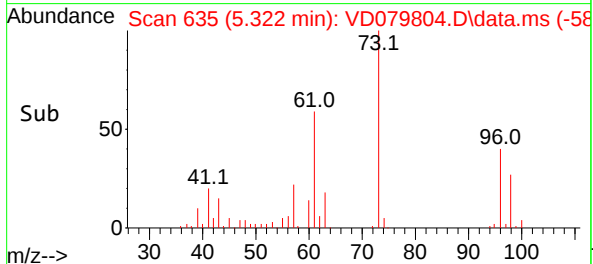
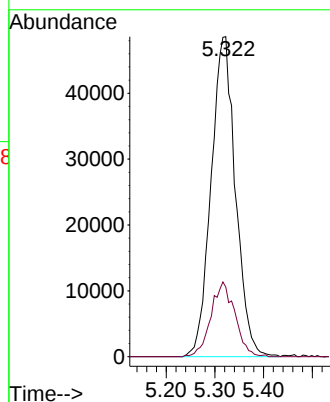
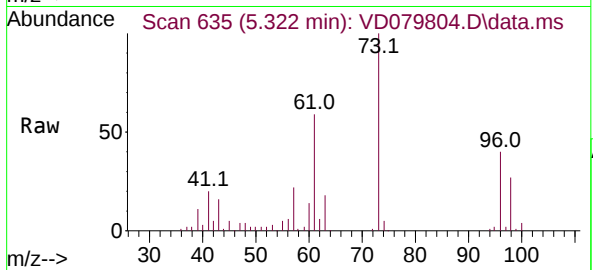




#19
Methyl tert-butyl Ether
Concen: 57.900 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

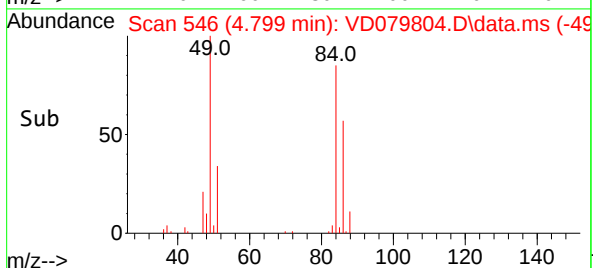
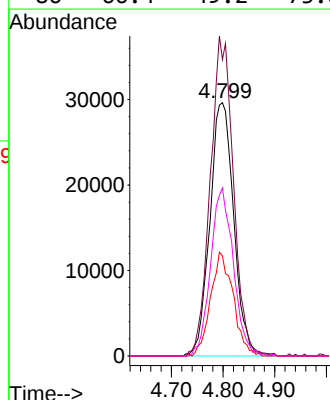
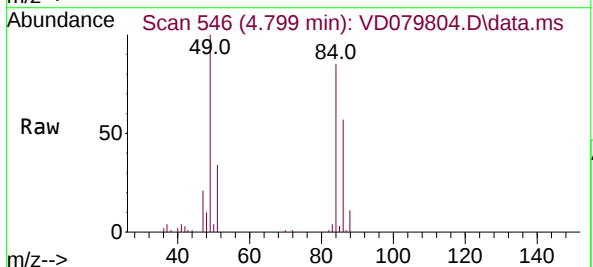
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

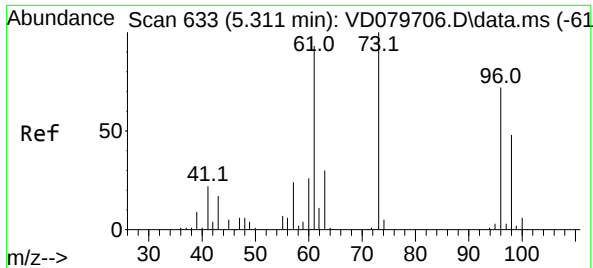
Tgt Ion: 73 Resp: 169055
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 56.208 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 84 Resp: 95009
Ion Ratio Lower Upper
84 100
49 117.0 75.6 113.4#
51 39.6 24.2 36.2#
86 66.4 49.2 73.8

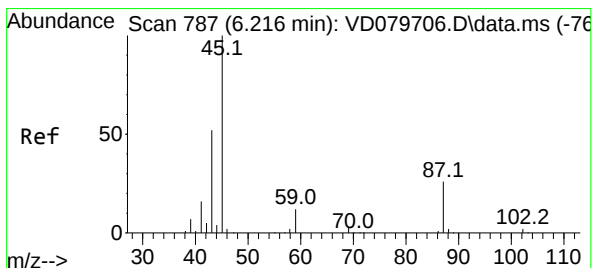
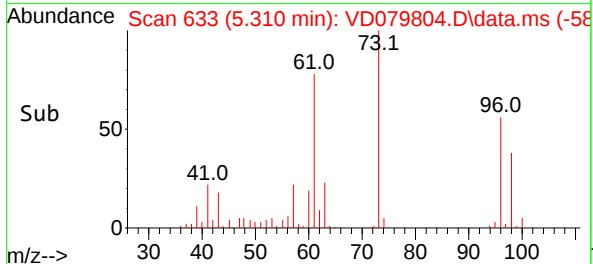
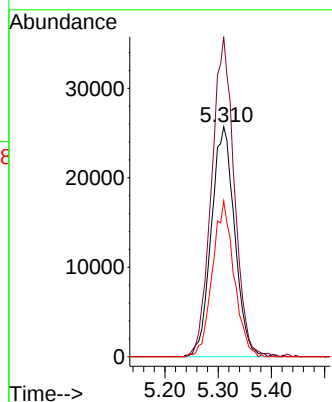
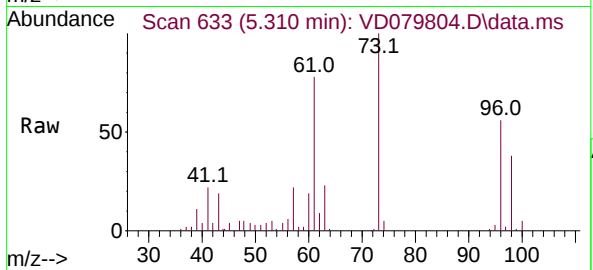




#21
trans-1,2-Dichloroethene
Concen: 52.813 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

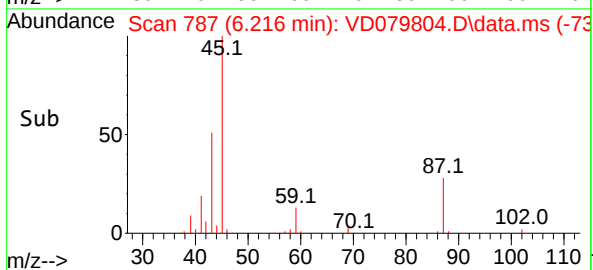
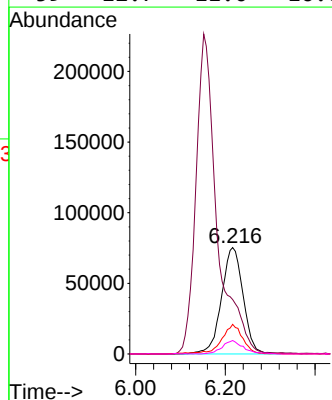
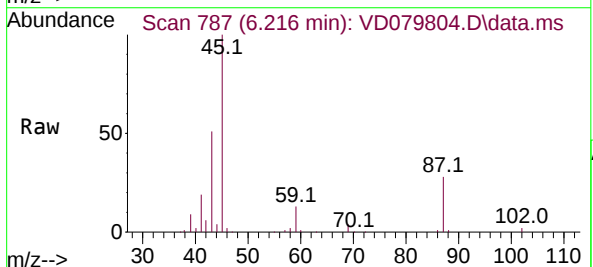
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

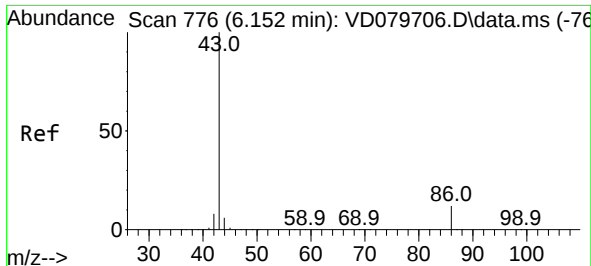
Tgt Ion: 96 Resp: 78202
Ion Ratio Lower Upper
96 100
61 139.2 84.5 126.7#
98 67.7 50.5 75.7



#22
Diisopropyl ether
Concen: 61.054 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 45 Resp: 252553
Ion Ratio Lower Upper
45 100
43 49.9 41.7 62.5
87 27.6 30.2 45.2#
59 12.7 11.0 16.6

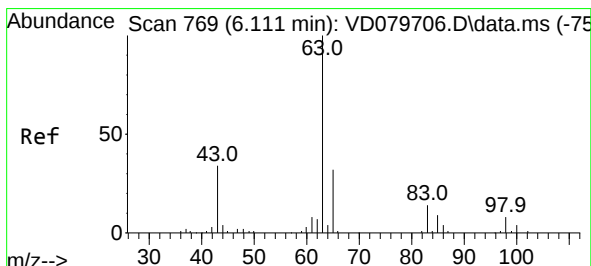
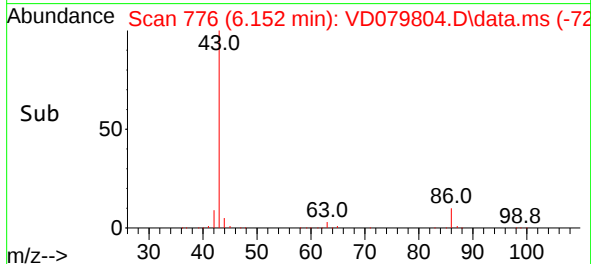
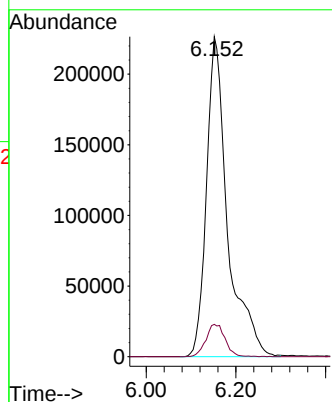
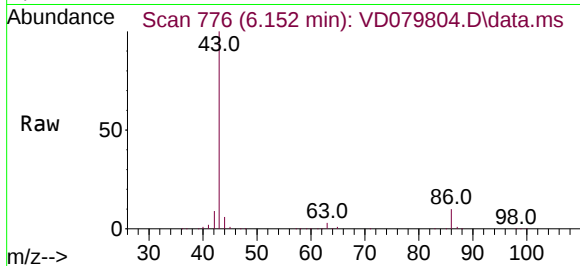




#23
 Vinyl Acetate
 Concen: 304.795 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079804.D
 Acq: 06 Sep 2024 17:50

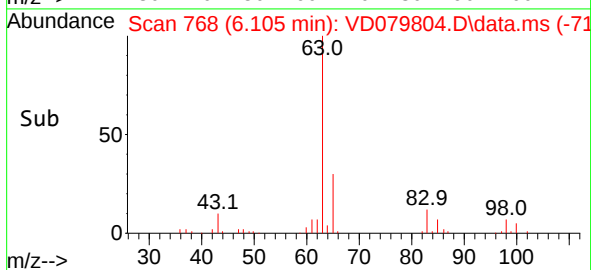
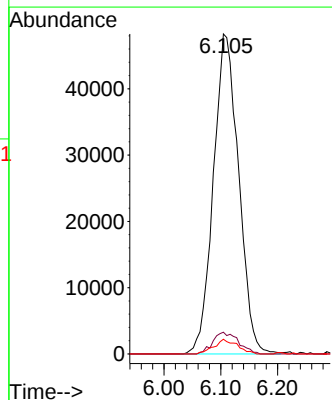
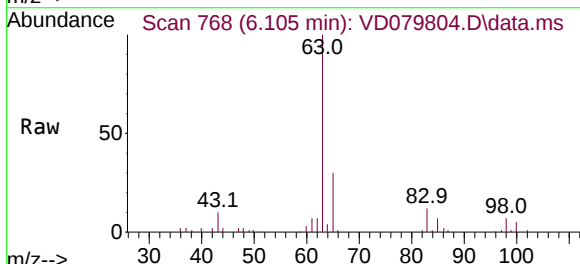
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

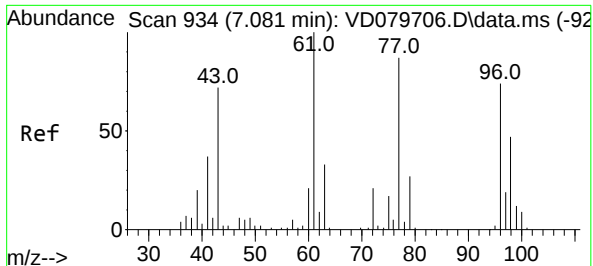
Tgt Ion: 43 Resp: 740173
 Ion Ratio Lower Upper
 43 100
 86 10.1 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 55.121 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079804.D
 Acq: 06 Sep 2024 17:50

Tgt Ion: 63 Resp: 149102
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.7 14.0
 100 4.6 2.9 8.6





#25

2-Butanone

Concen: 306.767 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

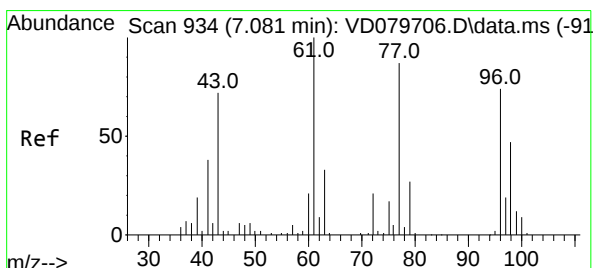
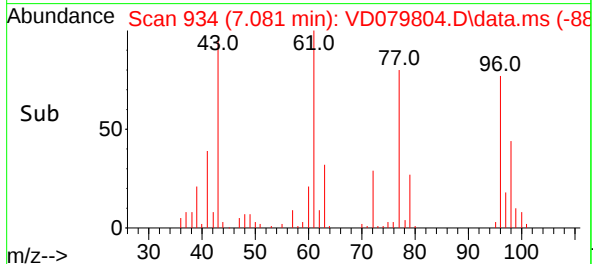
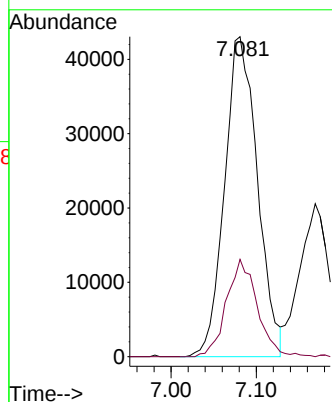
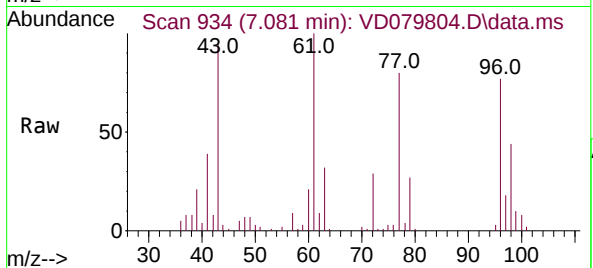
VSTDCCC050EC

Tgt Ion: 43 Resp: 115527

Ion Ratio Lower Upper

43 100

72 30.4 26.4 39.6



#26

2,2-Dichloropropane

Concen: 51.810 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079804.D

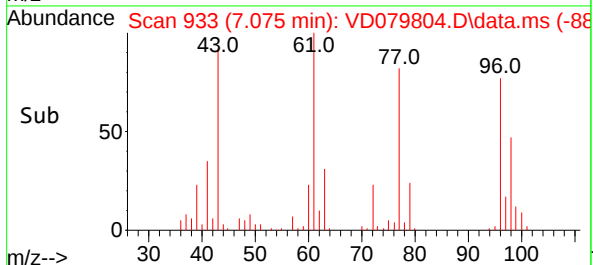
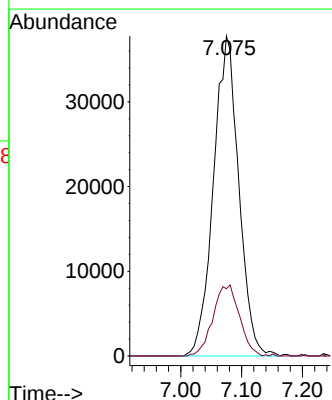
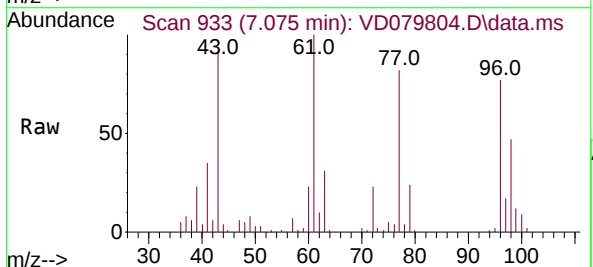
Acq: 06 Sep 2024 17:50

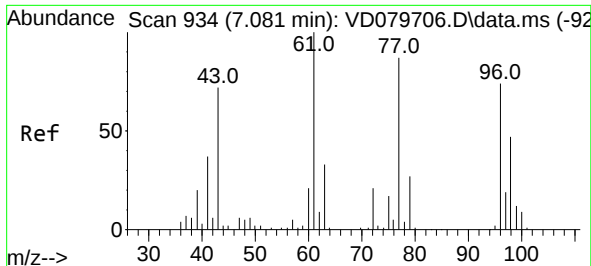
Tgt Ion: 77 Resp: 109037

Ion Ratio Lower Upper

77 100

97 23.2 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 53.275 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

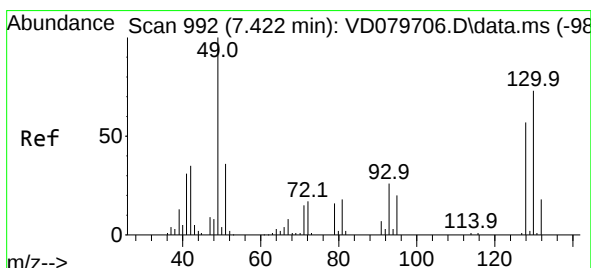
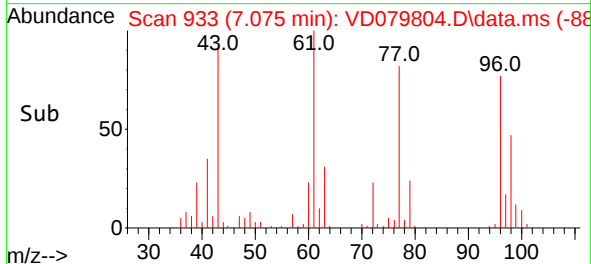
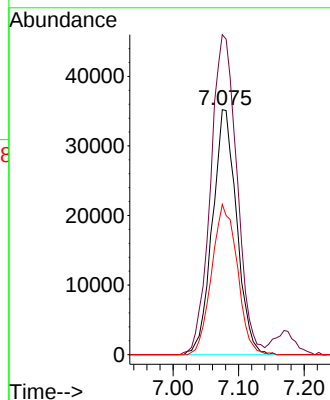
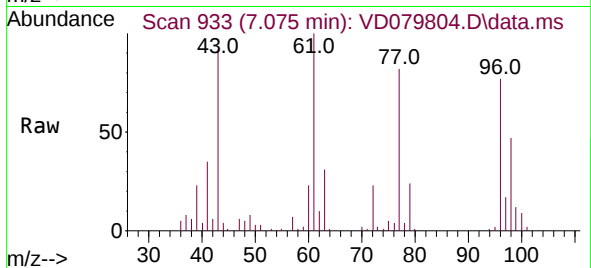
Tgt Ion: 96 Resp: 90476

Ion Ratio Lower Upper

96 100

61 142.4 0.0 229.0

98 64.8 0.0 127.2



#28

Bromochloromethane

Concen: 58.289 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

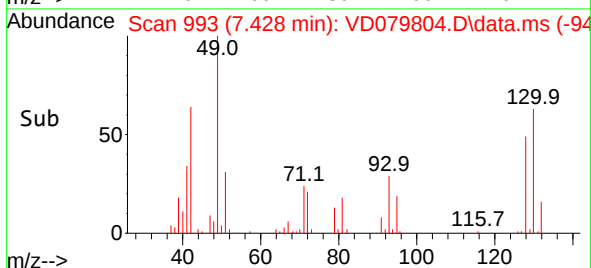
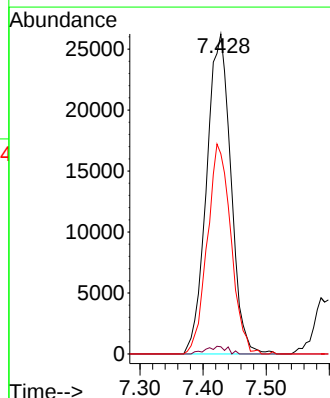
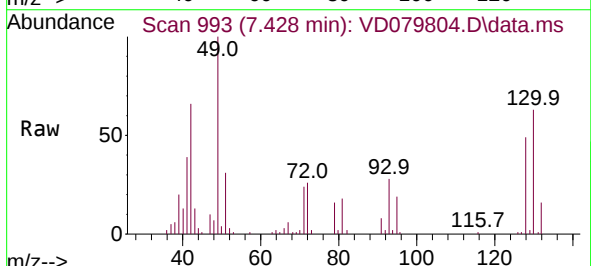
Tgt Ion: 49 Resp: 70080

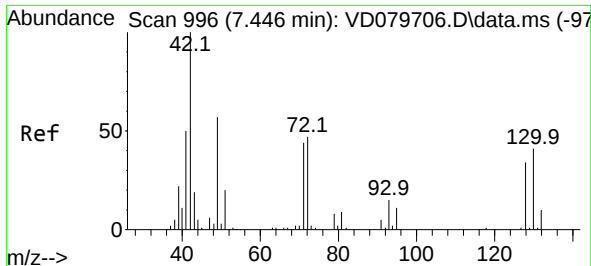
Ion Ratio Lower Upper

49 100

129 2.1 0.0 7.0

130 63.8 87.7 131.5#





#29

Tetrahydrofuran

Concen: 321.605 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

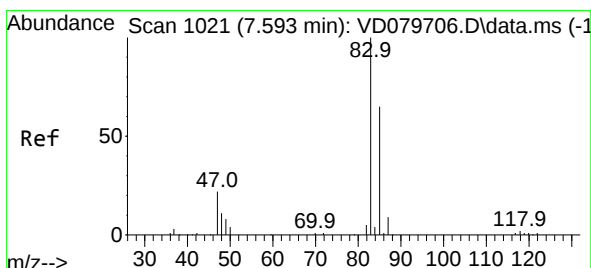
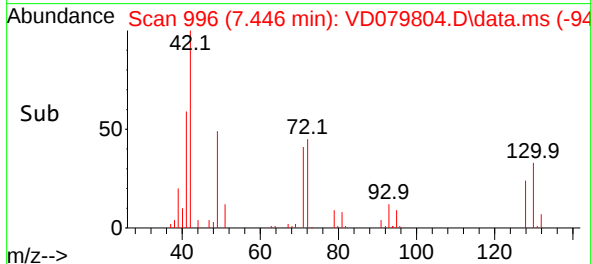
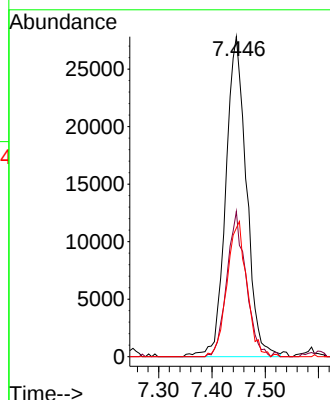
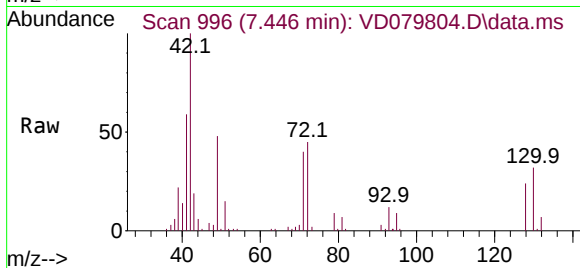
Tgt Ion: 42 Resp: 74913

Ion Ratio Lower Upper

42 100

72 41.7 49.4 74.0#

71 40.7 45.0 67.6#



#30

Chloroform

Concen: 54.367 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079804.D

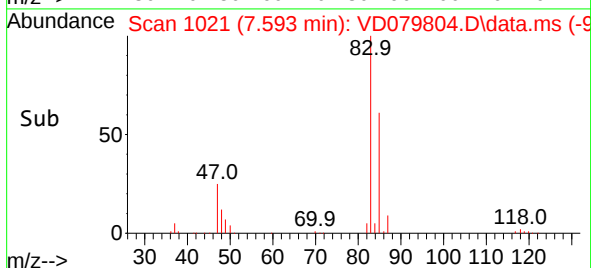
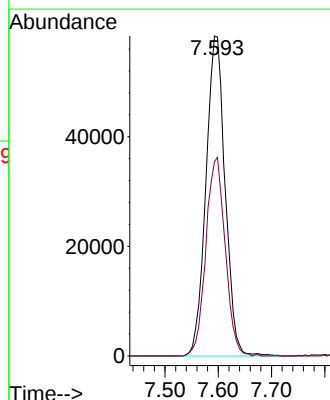
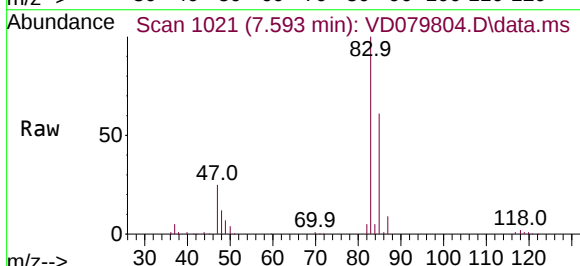
Acq: 06 Sep 2024 17:50

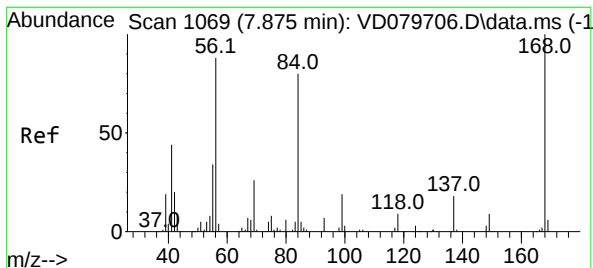
Tgt Ion: 83 Resp: 145993

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.6





#31

Cyclohexane

Concen: 47.470 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

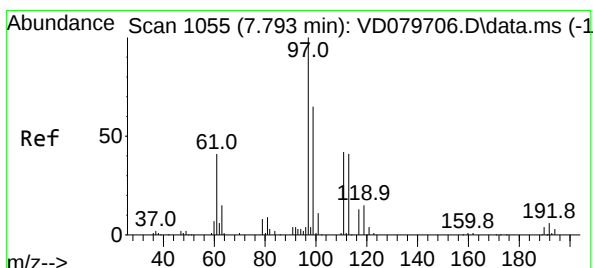
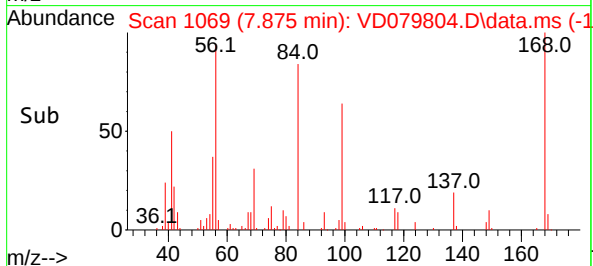
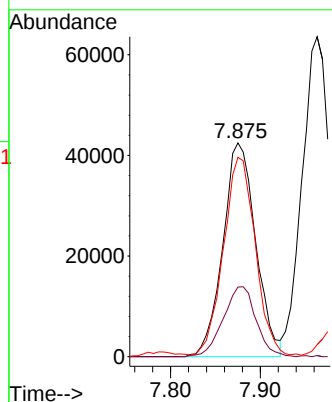
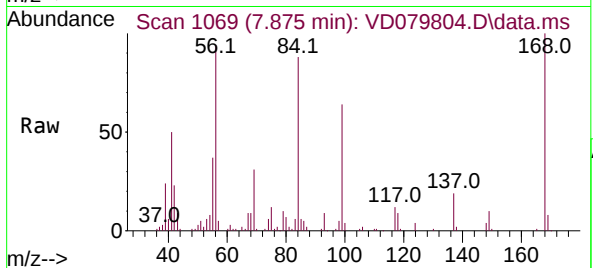
Tgt Ion: 56 Resp: 107951

Ion Ratio Lower Upper

56 100

69 32.6 28.0 42.0

84 92.0 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 52.579 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

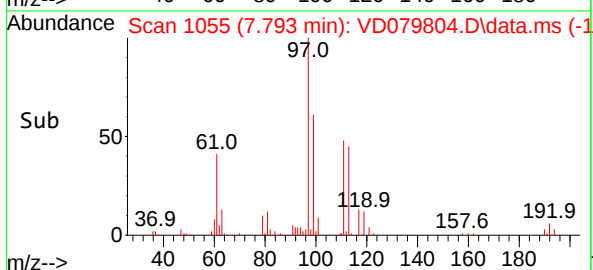
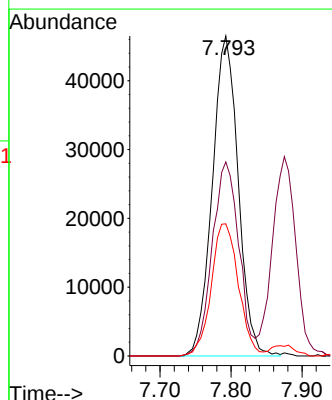
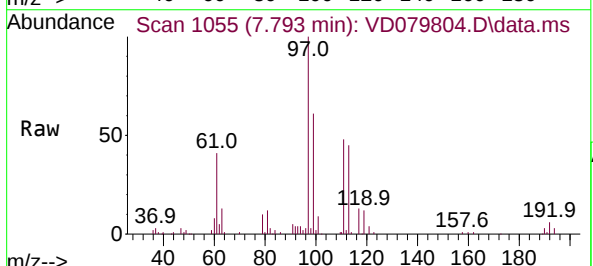
Tgt Ion: 97 Resp: 117602

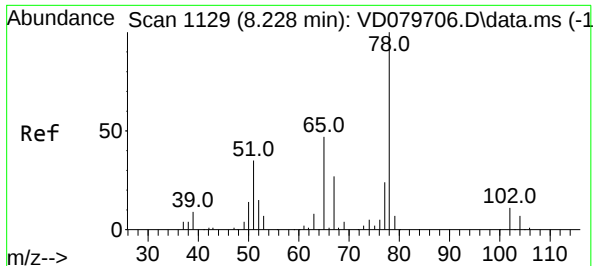
Ion Ratio Lower Upper

97 100

99 62.4 51.3 76.9

61 43.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 59.678 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

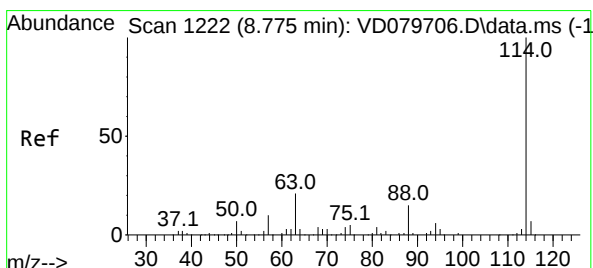
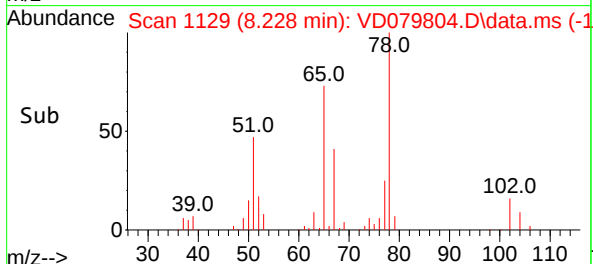
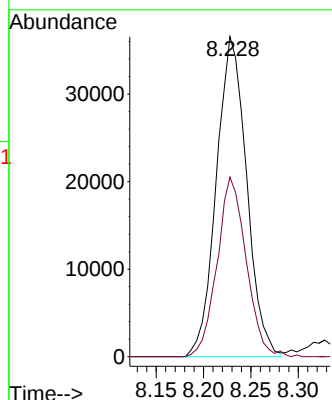
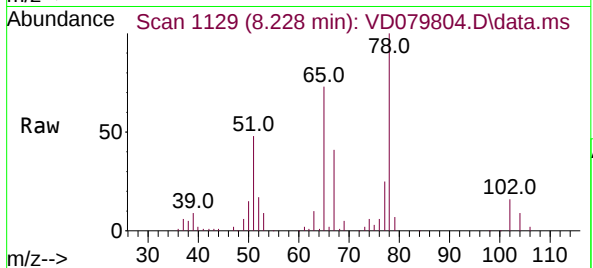
VSTDCCC050EC

Tgt Ion: 65 Resp: 81179

Ion Ratio Lower Upper

65 100

67 54.0 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

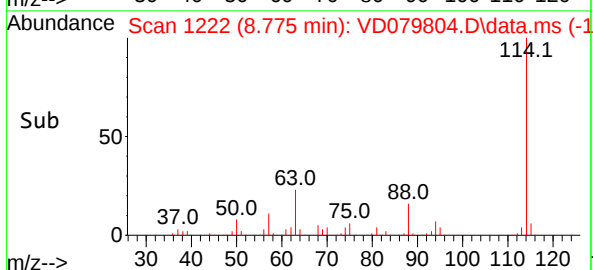
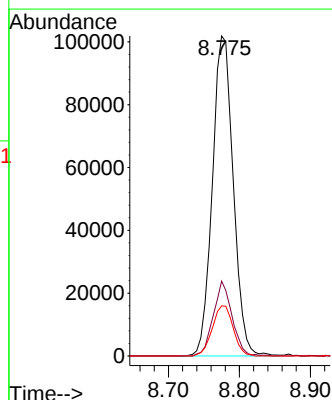
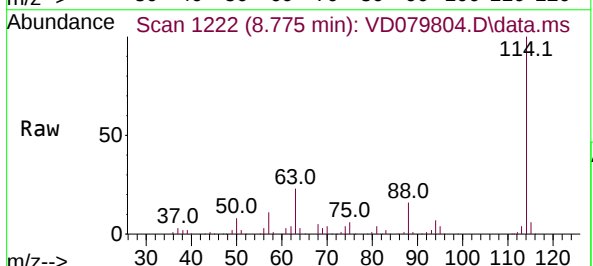
Tgt Ion: 114 Resp: 208161

Ion Ratio Lower Upper

114 100

63 23.4 0.0 34.0

88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.873 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

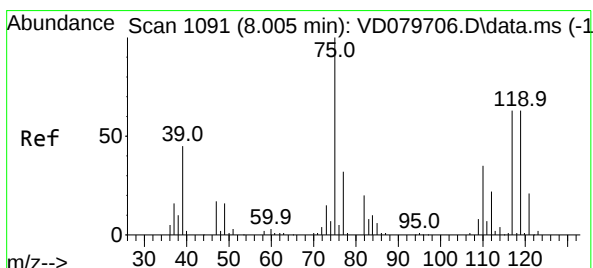
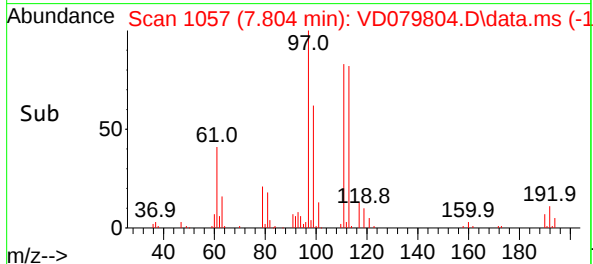
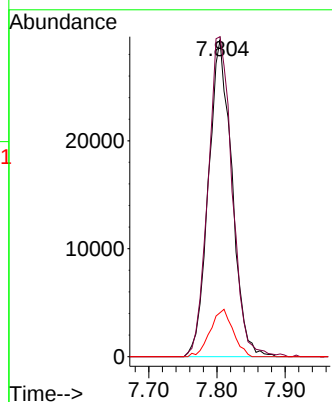
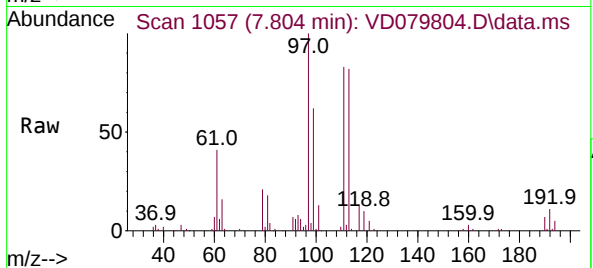
Tgt Ion:113 Resp: 70186

Ion Ratio Lower Upper

113 100

111 104.3 84.0 126.0

192 14.5 15.4 23.0#



#36

1,1-Dichloropropene

Concen: 50.260 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

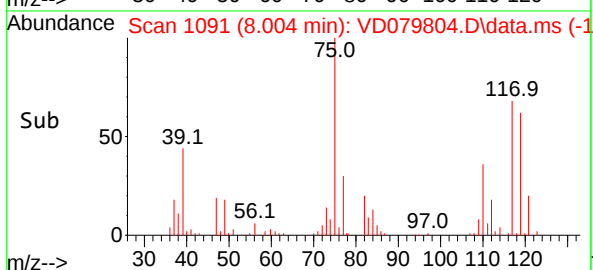
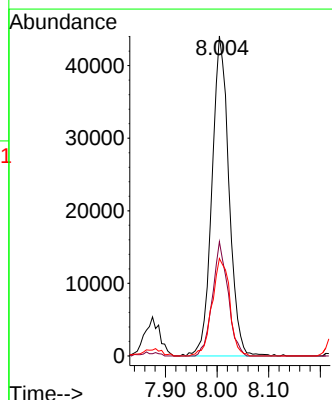
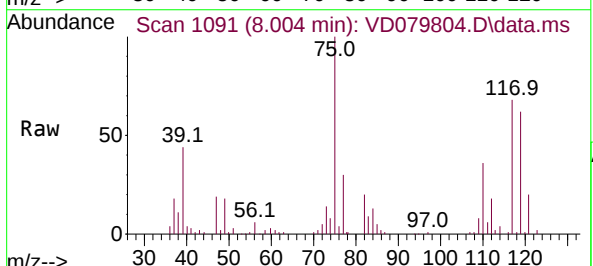
Tgt Ion: 75 Resp: 100795

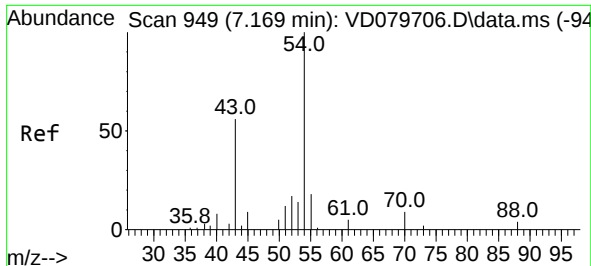
Ion Ratio Lower Upper

75 100

110 32.7 19.6 58.7

77 31.4 26.1 39.1



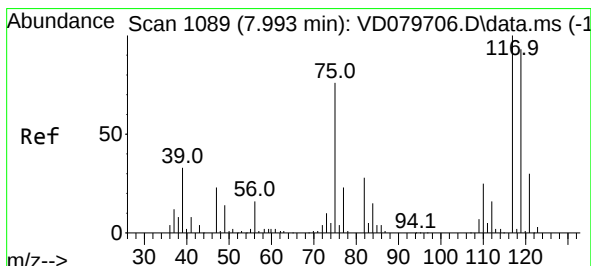
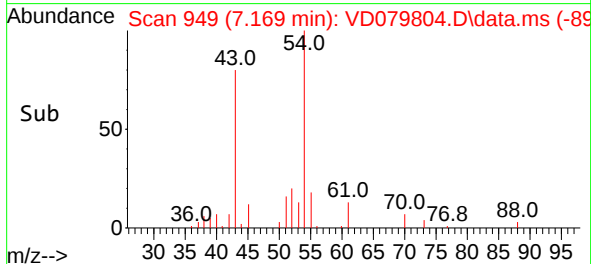
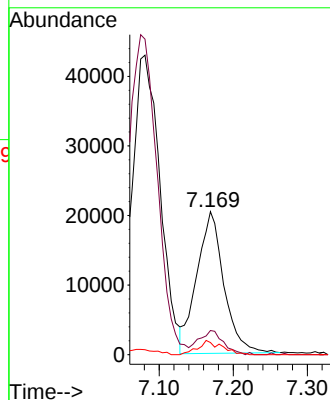
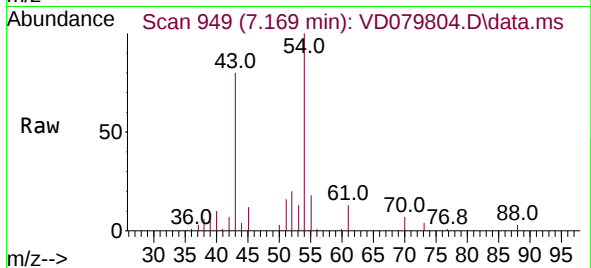


#37
Ethyl Acetate
Concen: 58.481 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 51827

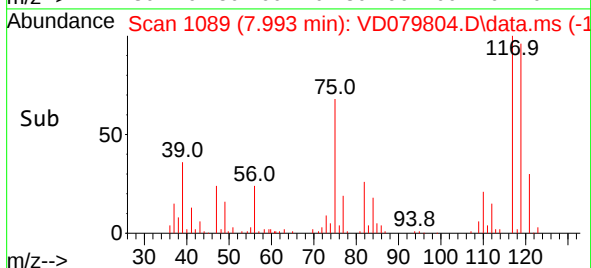
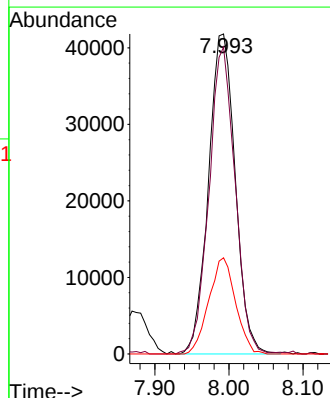
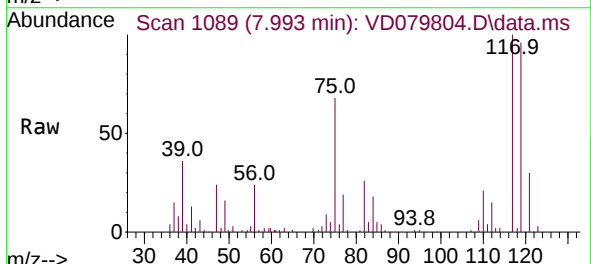
Ion	Ratio	Lower	Upper
43	100		
61	15.2	13.9	20.9
70	8.8	9.8	14.6



#38
Carbon Tetrachloride
Concen: 49.039 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 117 Resp: 104884

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
121	30.1	25.0	37.4





#39

Methylcyclohexane

Concen: 44.653 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

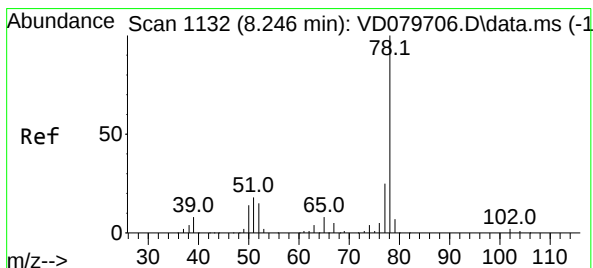
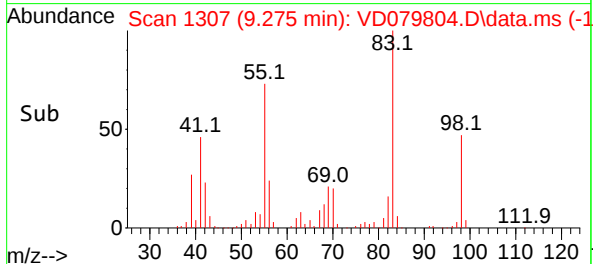
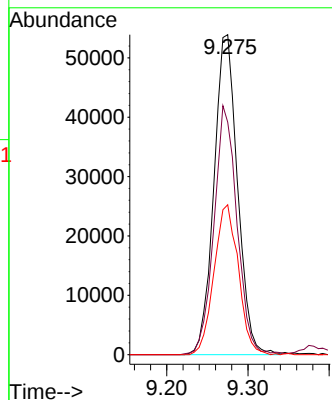
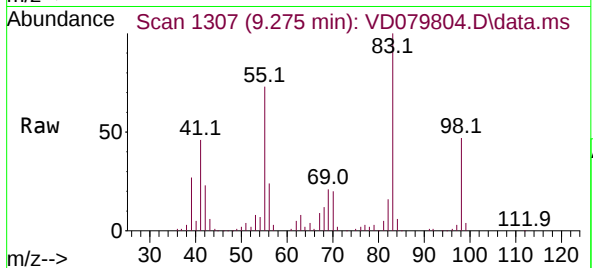
Tgt Ion: 83 Resp: 109052

Ion Ratio Lower Upper

83 100

55 72.6 50.1 75.1

98 46.9 41.9 62.9



#40

Benzene

Concen: 49.869 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD079804.D

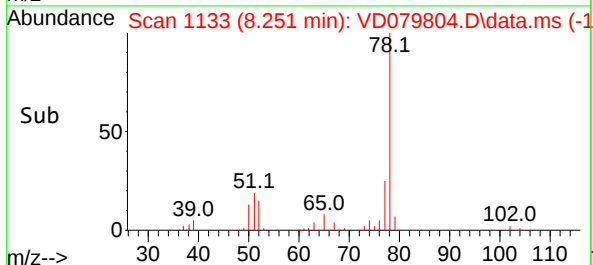
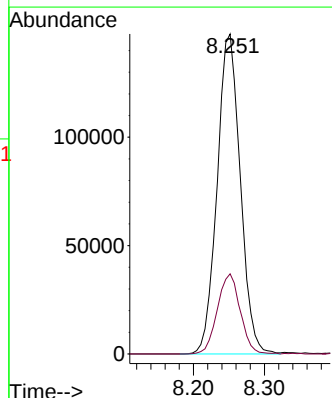
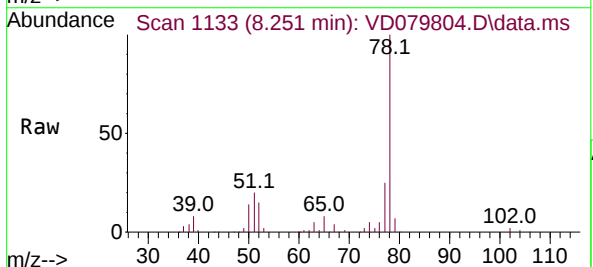
Acq: 06 Sep 2024 17:50

Tgt Ion: 78 Resp: 333533

Ion Ratio Lower Upper

78 100

77 25.1 18.1 27.1

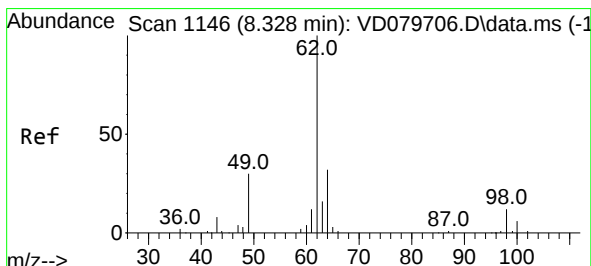
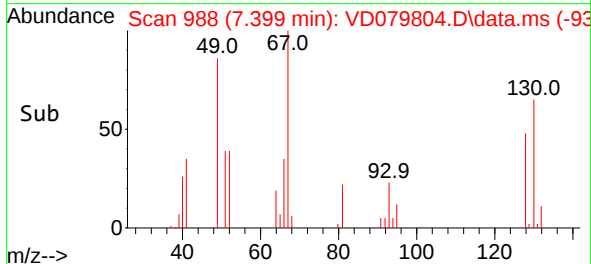
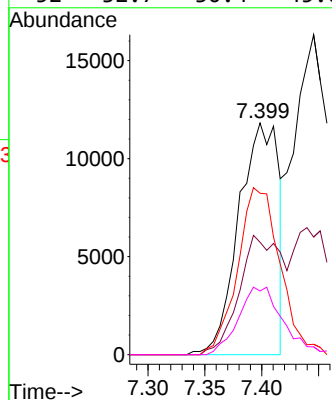
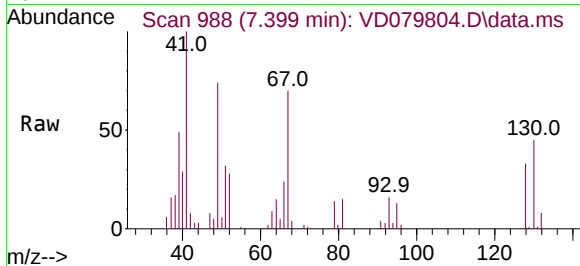




#41
Methacrylonitrile
Concen: 56.701 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

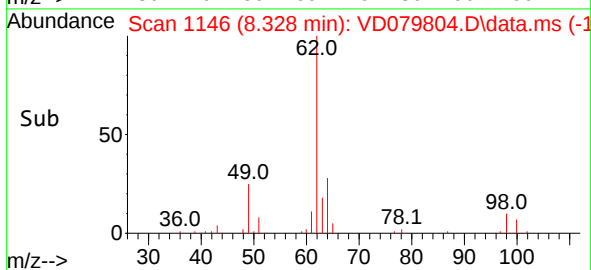
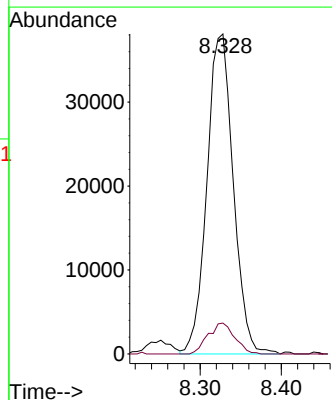
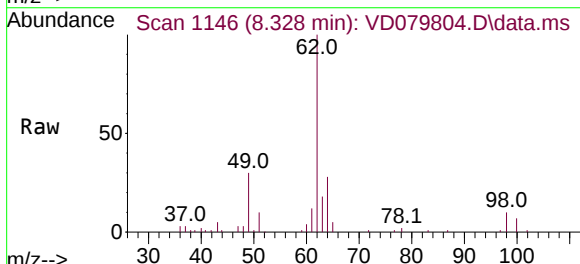
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

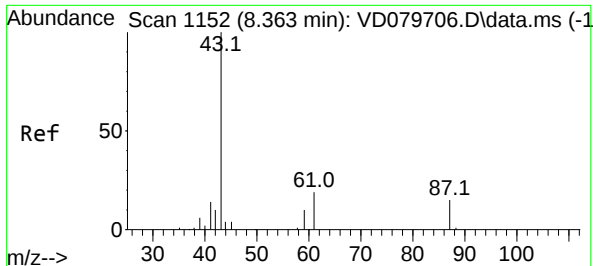
Tgt Ion: 41 Resp: 28755
Ion Ratio Lower Upper
41 100
39 55.6 41.4 62.0
67 77.0 85.8 128.6#
52 32.7 30.4 45.6



#42
1,2-Dichloroethane
Concen: 52.413 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 62 Resp: 85974
Ion Ratio Lower Upper
62 100
98 9.8 0.0 25.8





#43

Isopropyl Acetate

Concen: 58.429 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

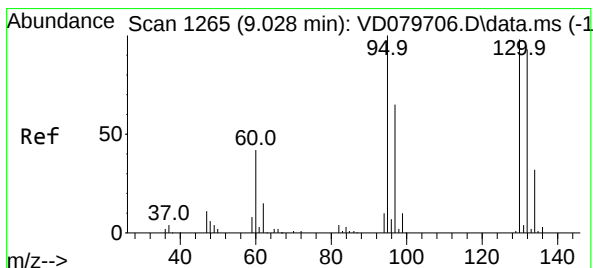
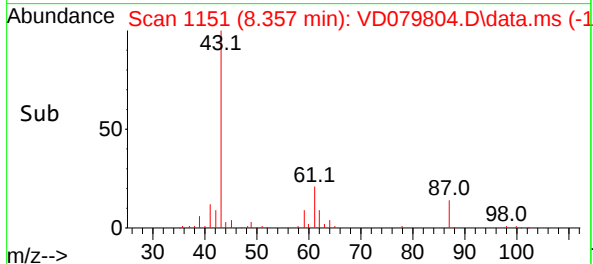
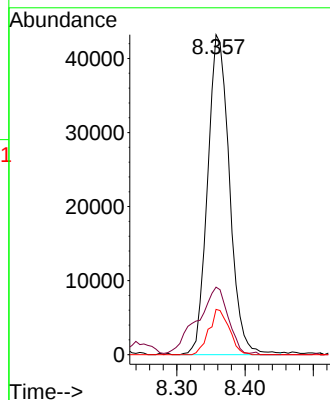
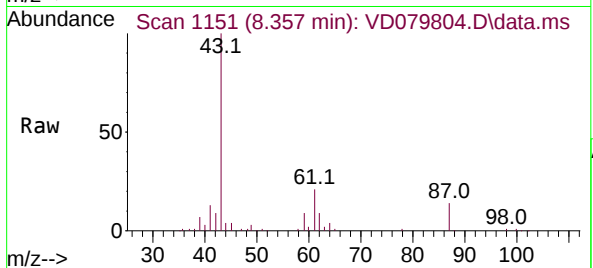
Tgt Ion: 43 Resp: 96603

Ion Ratio Lower Upper

43 100

61 30.0 29.3 43.9

87 13.1 14.9 22.3#



#44

Trichloroethene

Concen: 46.954 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD079804.D

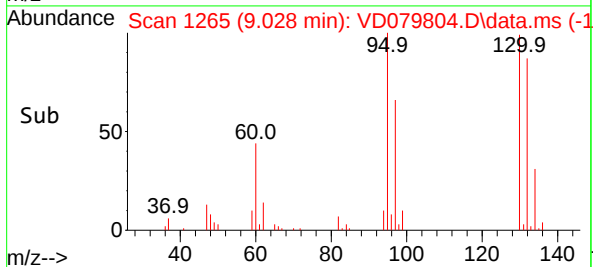
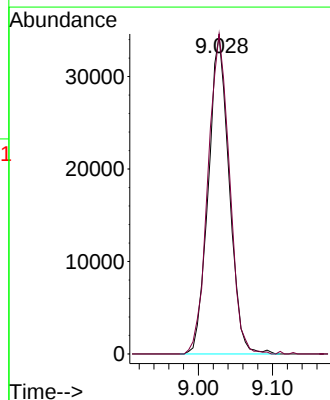
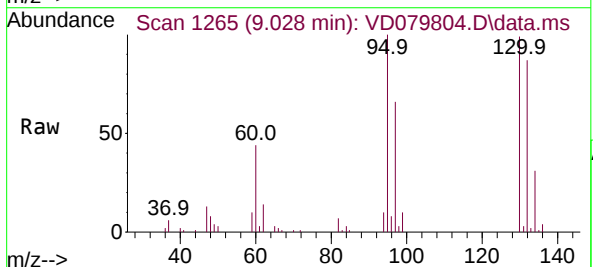
Acq: 06 Sep 2024 17:50

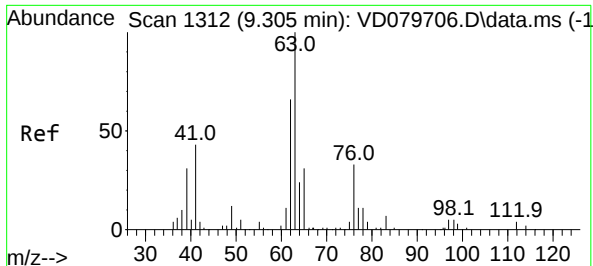
Tgt Ion:130 Resp: 67021

Ion Ratio Lower Upper

130 100

95 100.6 0.0 177.8





#45

1,2-Dichloropropane

Concen: 51.164 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

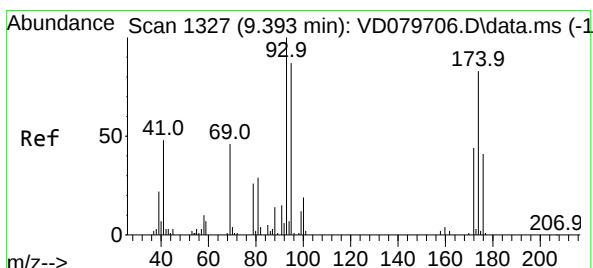
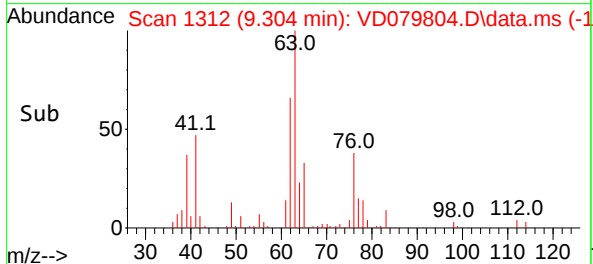
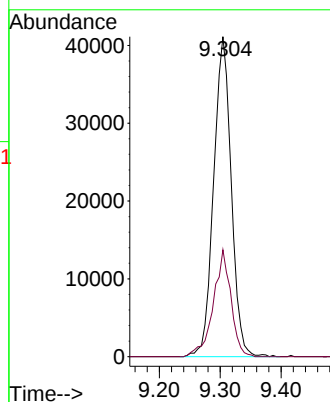
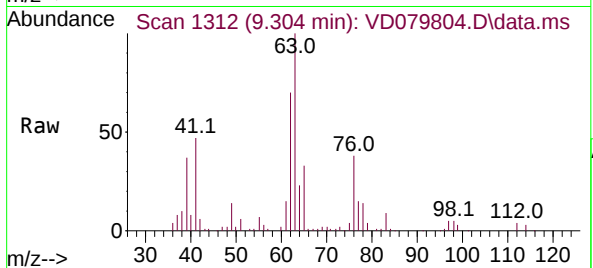
VSTDCCC050EC

Tgt Ion: 63 Resp: 82606

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 49.963 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

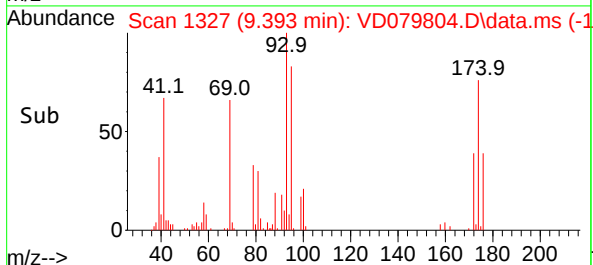
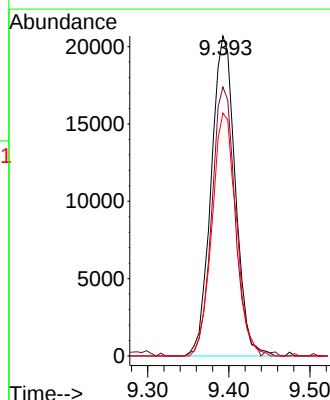
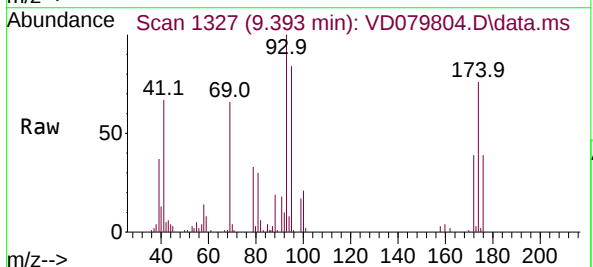
Tgt Ion: 93 Resp: 42672

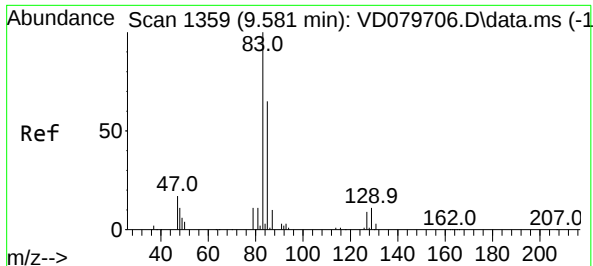
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 76.3 82.3 123.5#





#47

Bromodichloromethane

Concen: 50.349 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

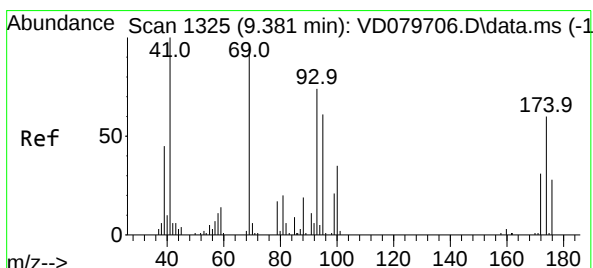
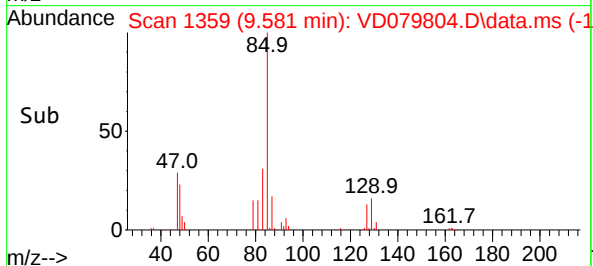
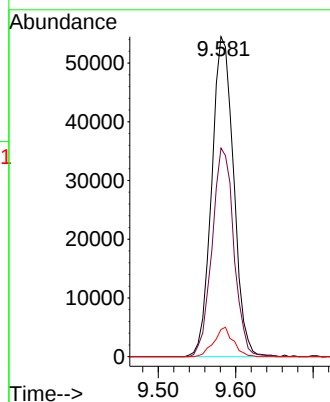
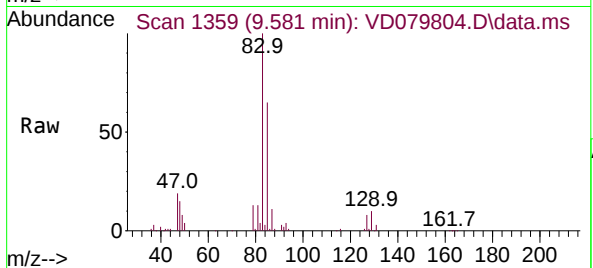
Tgt Ion: 83 Resp: 107390

Ion Ratio Lower Upper

83 100

85 65.2 50.1 75.1

127 8.5 6.8 10.2



#48

Methyl methacrylate

Concen: 56.880 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

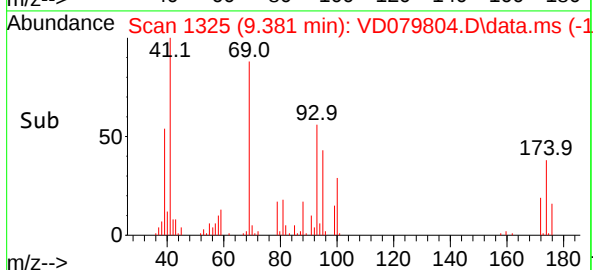
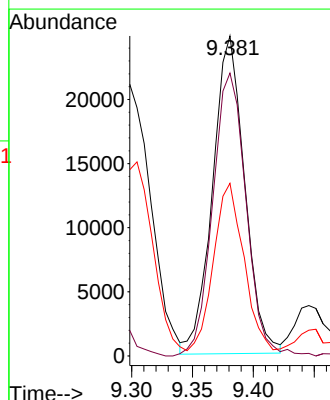
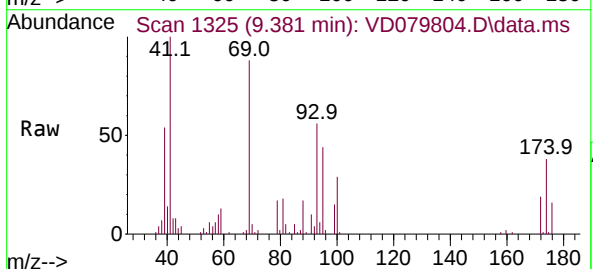
Tgt Ion: 41 Resp: 45391

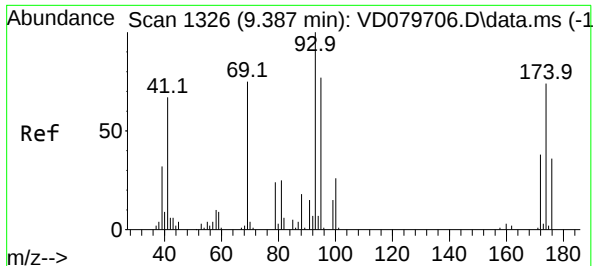
Ion Ratio Lower Upper

41 100

69 92.7 96.7 145.1#

39 50.2 43.8 65.6





#49

1,4-Dioxane

Concen: 1196.533 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

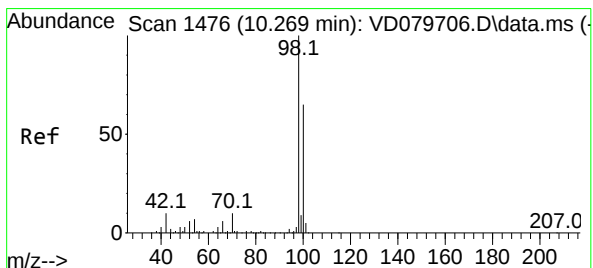
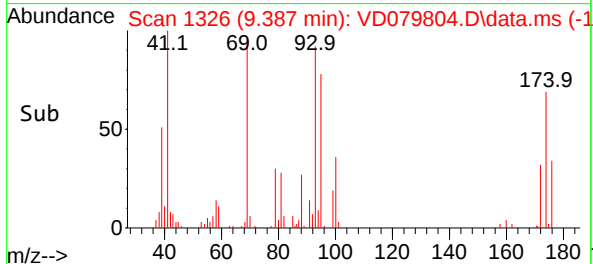
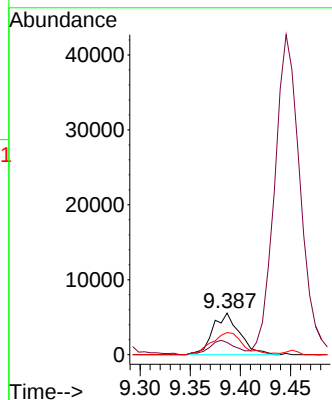
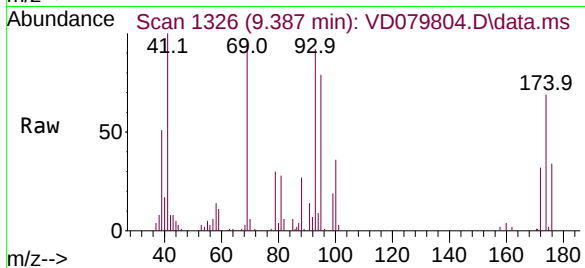
Tgt Ion: 88 Resp: 10267

Ion Ratio Lower Upper

88 100

43 33.1 21.5 32.3#

58 61.2 42.2 63.4



#50

Toluene-d8

Concen: 53.689 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079804.D

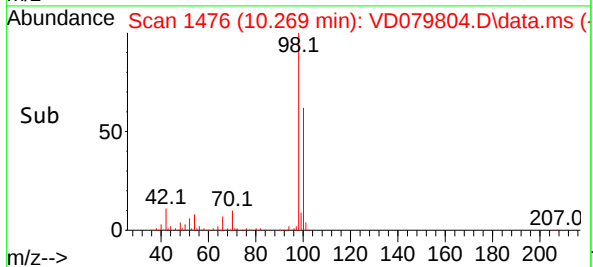
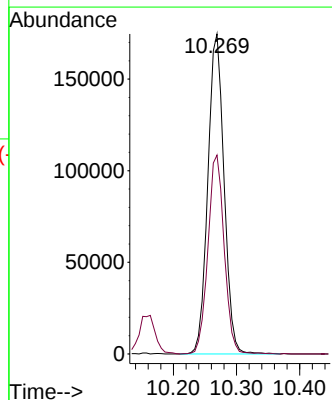
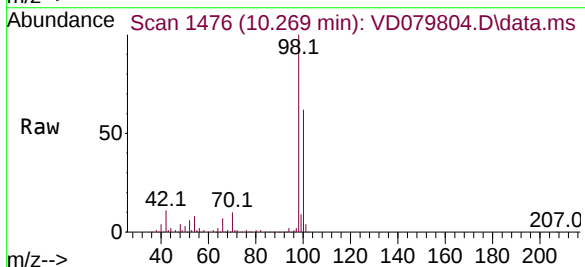
Acq: 06 Sep 2024 17:50

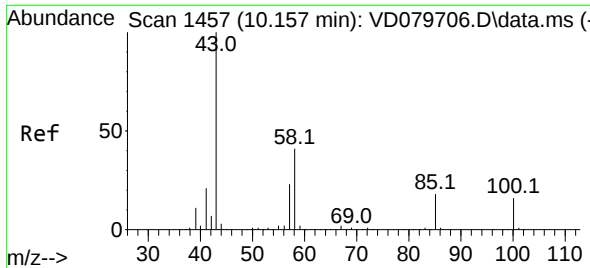
Tgt Ion: 98 Resp: 311550

Ion Ratio Lower Upper

98 100

100 62.4 51.6 77.4

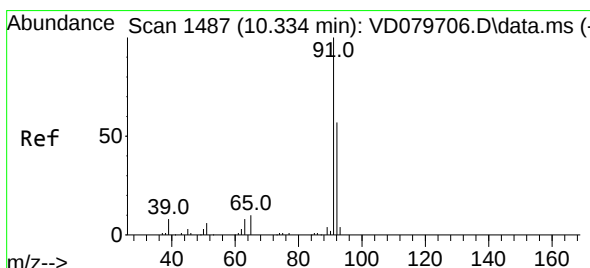
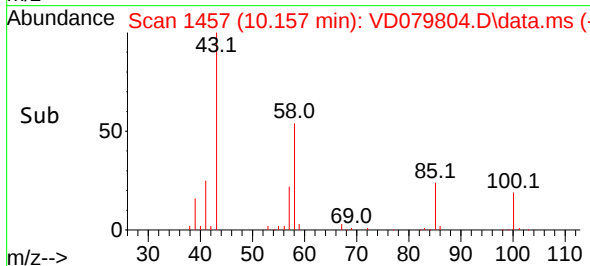
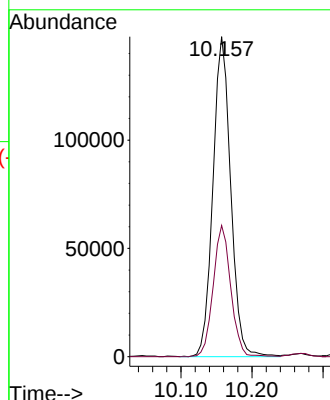
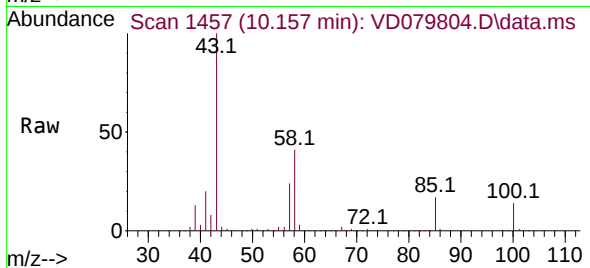




#51
4-Methyl-2-Pentanone
Concen: 297.044 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

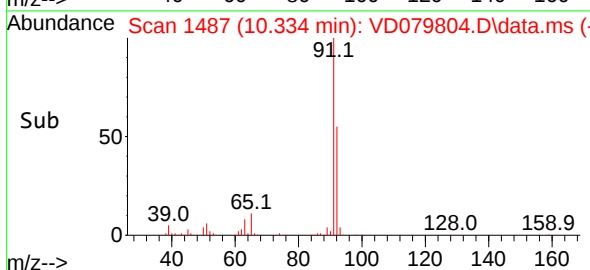
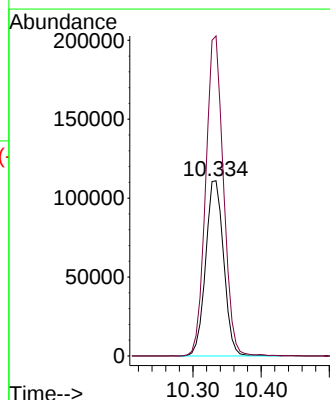
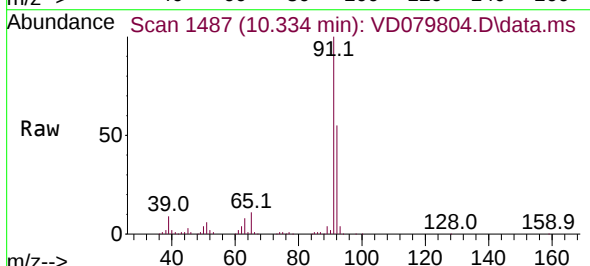
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

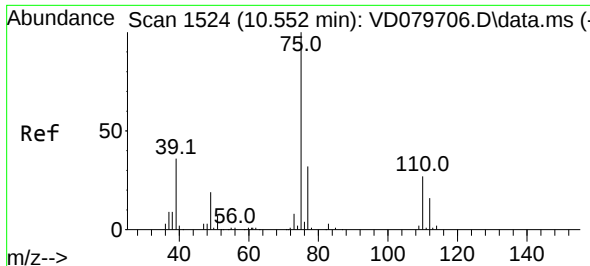
Tgt Ion: 43 Resp: 256534
Ion Ratio Lower Upper
43 100
58 40.6 36.6 55.0



#52
Toluene
Concen: 50.507 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 92 Resp: 204303
Ion Ratio Lower Upper
92 100
91 180.3 141.7 212.5

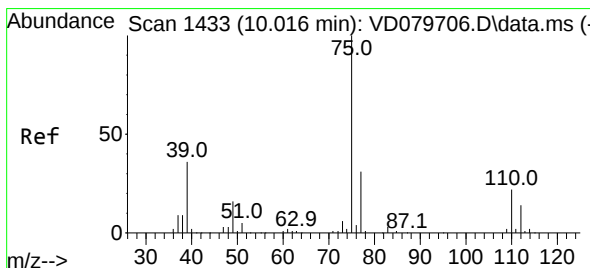
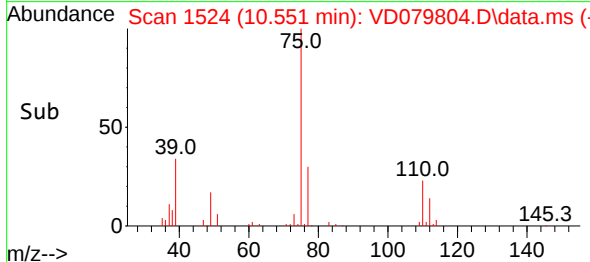
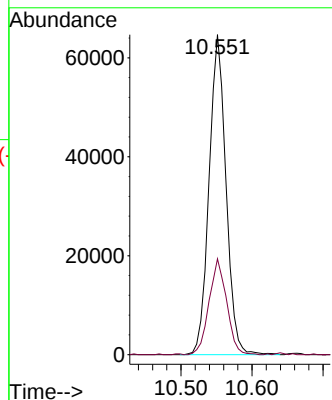
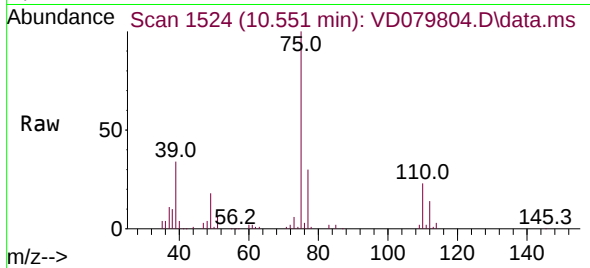




#53
t-1,3-Dichloropropene
Concen: 53.331 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

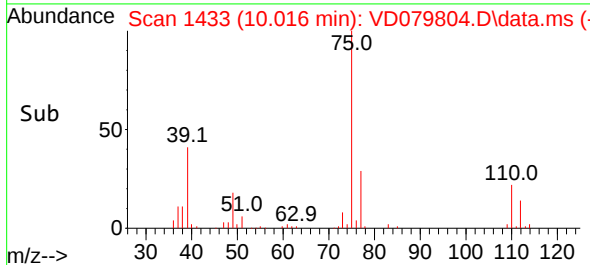
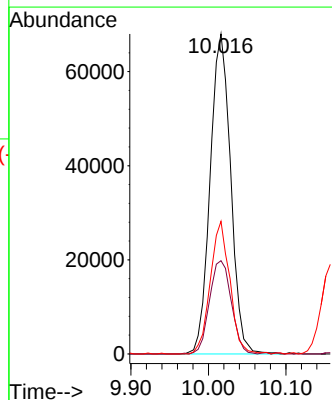
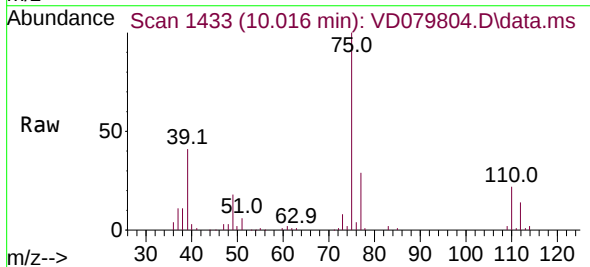
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

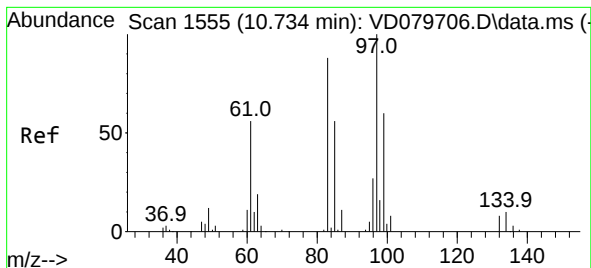
Tgt Ion: 75 Resp: 107235
Ion Ratio Lower Upper
75 100
77 29.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 52.297 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 75 Resp: 125258
Ion Ratio Lower Upper
75 100
77 29.2 24.4 36.6
39 41.5 24.2 36.2#





#55

1,1,2-Trichloroethane

Concen: 51.689 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 57753

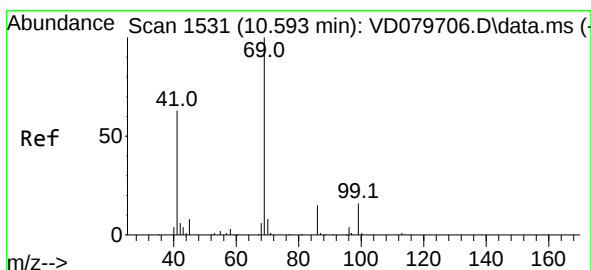
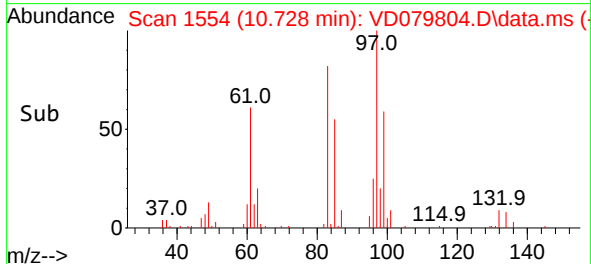
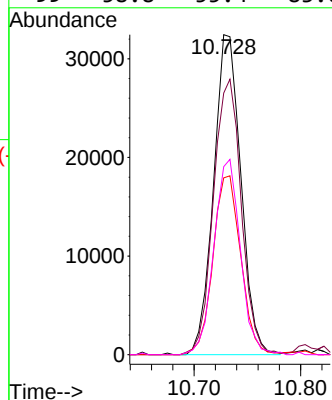
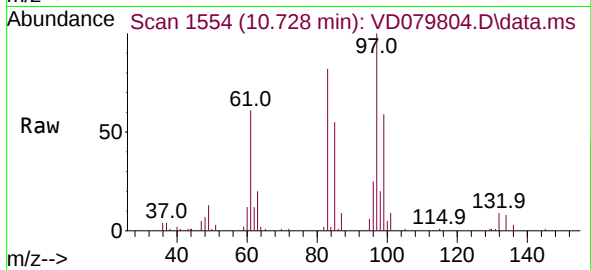
Ion Ratio Lower Upper

97 100

83 81.7 65.8 98.8

85 55.3 43.8 65.8

99 58.8 55.4 83.0



#56

Ethyl methacrylate

Concen: 57.858 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.005 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

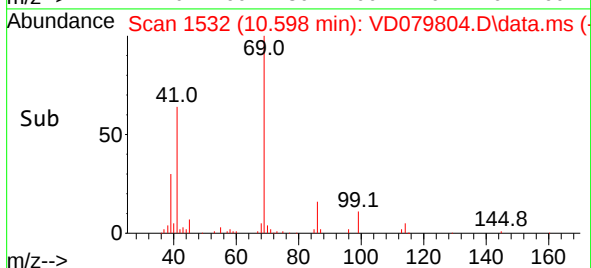
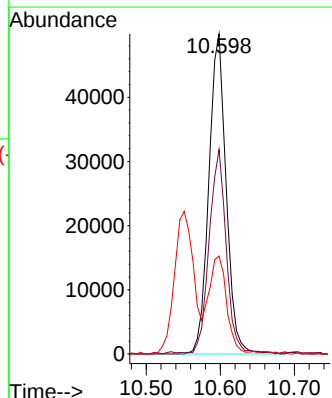
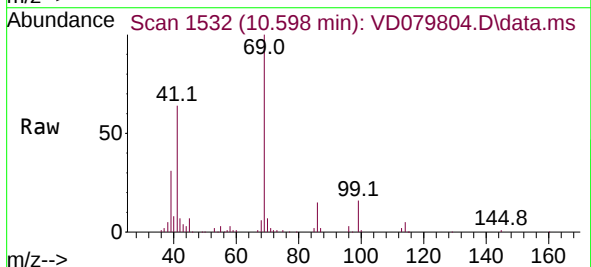
Tgt Ion: 69 Resp: 81001

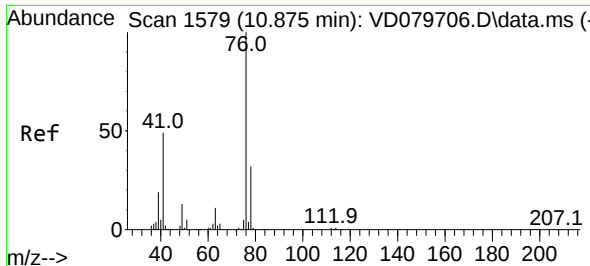
Ion Ratio Lower Upper

69 100

41 63.3 39.8 59.6#

39 30.6 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 52.151 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

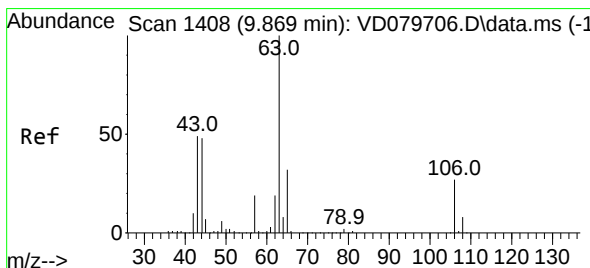
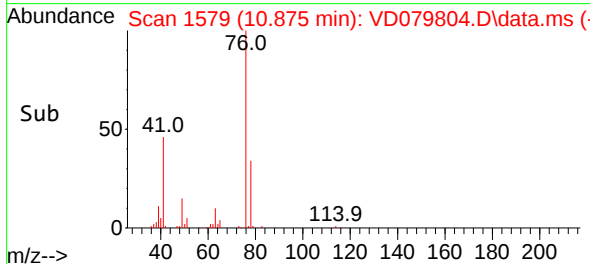
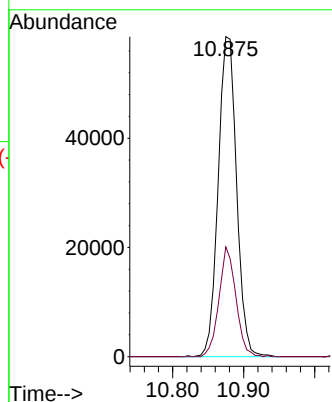
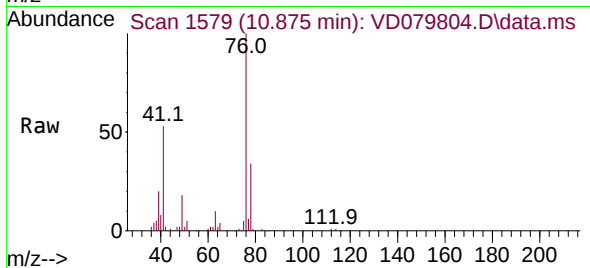
VSTDCCC050EC

Tgt Ion: 76 Resp: 105043

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 287.824 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079804.D

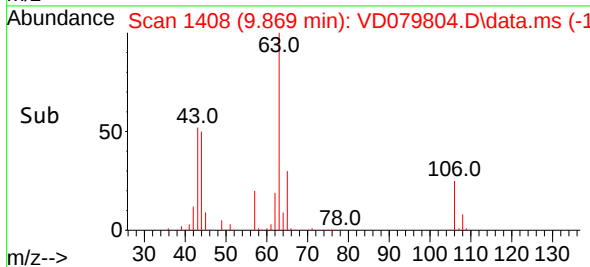
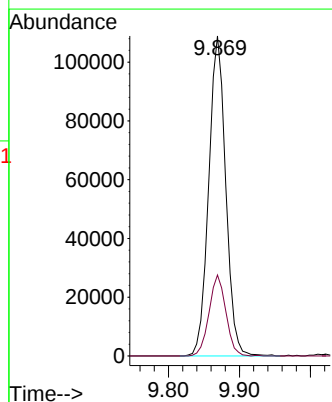
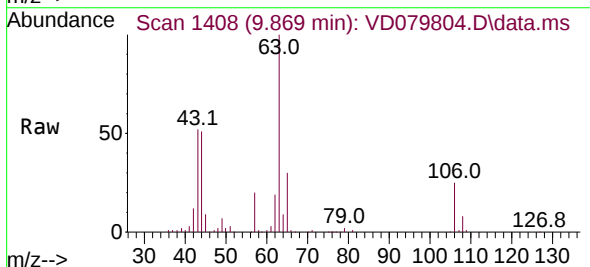
Acq: 06 Sep 2024 17:50

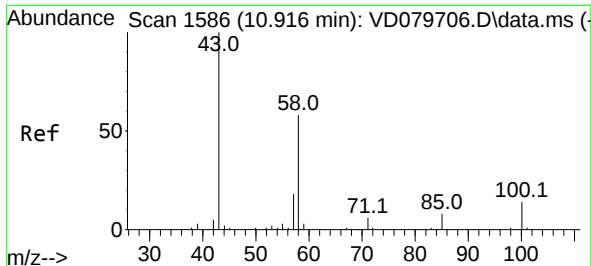
Tgt Ion: 63 Resp: 181390

Ion Ratio Lower Upper

63 100

106 24.9 26.4 39.6#

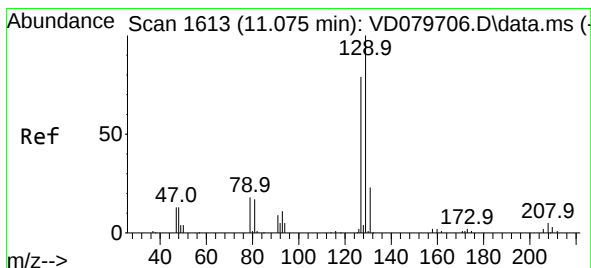
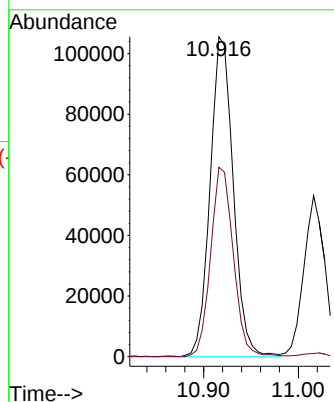
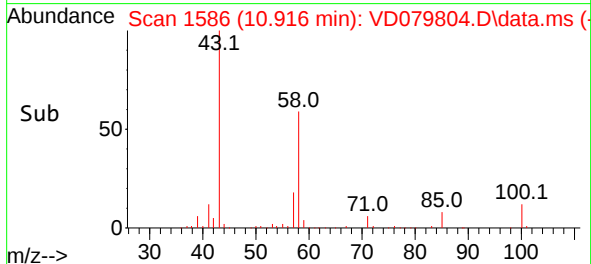
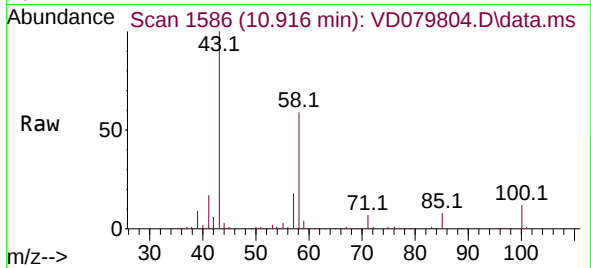




#59
2-Hexanone
Concen: 267.012 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

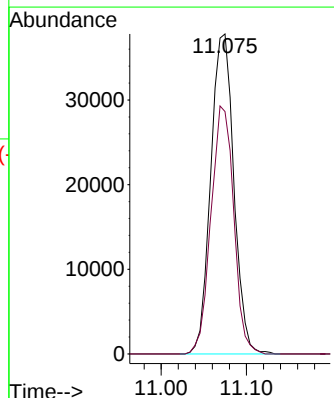
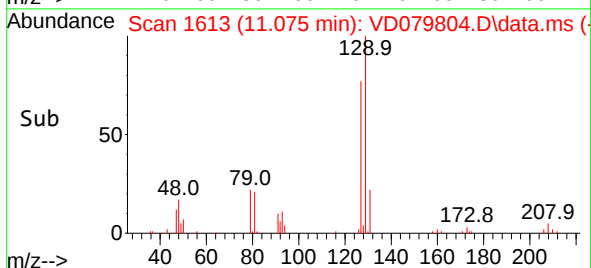
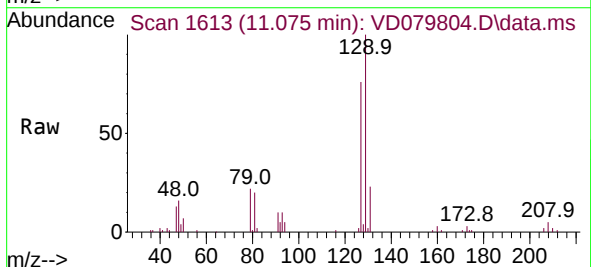
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

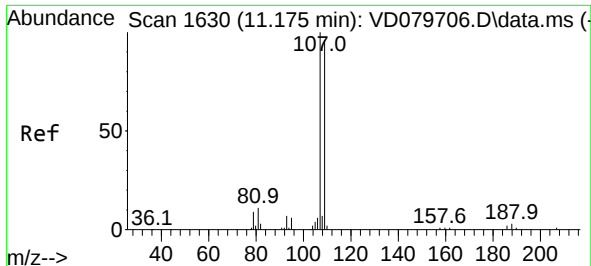
Tgt Ion: 43 Resp: 179144
Ion Ratio Lower Upper
43 100
58 58.0 31.1 93.5



#60
Dibromochloromethane
Concen: 51.737 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 129 Resp: 71104
Ion Ratio Lower Upper
129 100
127 76.4 38.0 113.9

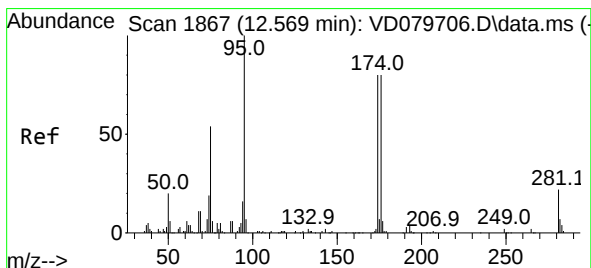
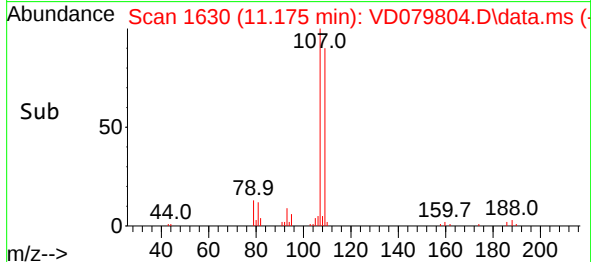
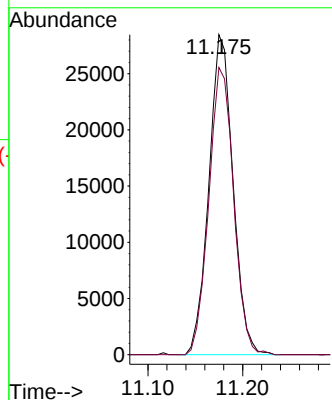
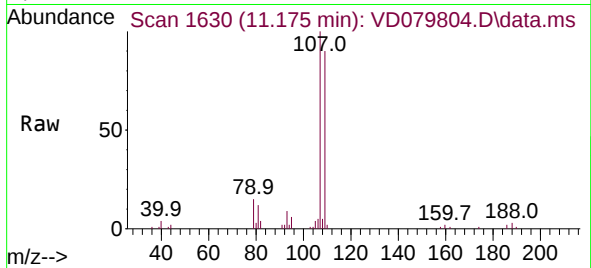




#61
1,2-Dibromoethane
Concen: 51.528 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

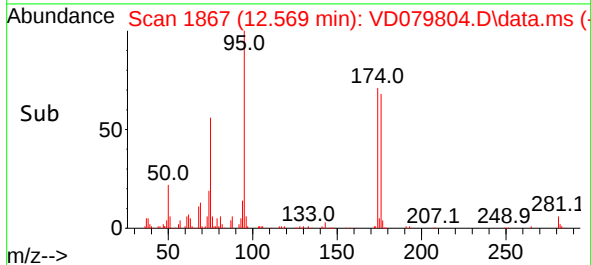
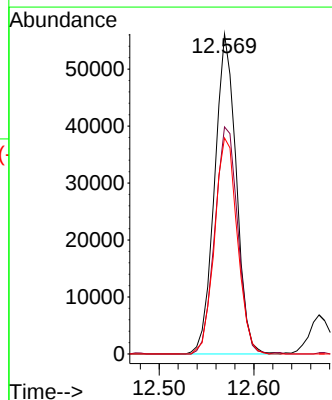
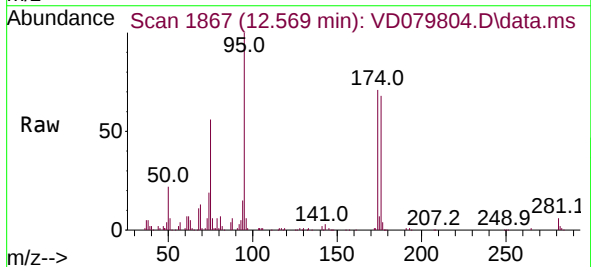
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

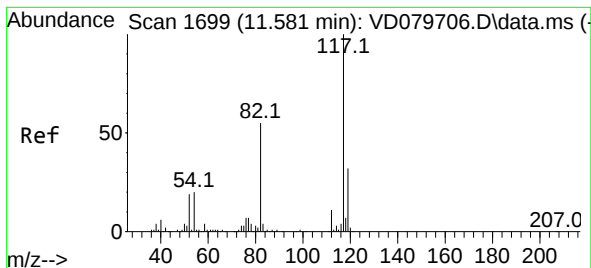
Tgt Ion:107 Resp: 50456
Ion Ratio Lower Upper
107 100
109 92.0 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 54.956 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 95 Resp: 89231
Ion Ratio Lower Upper
95 100
174 75.1 0.0 195.4
176 71.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

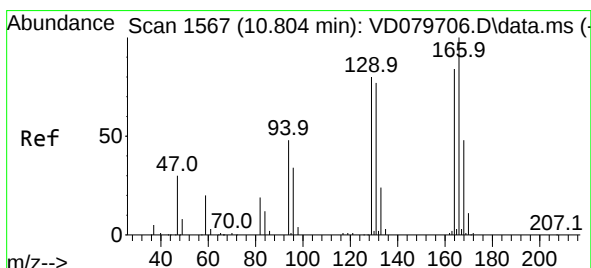
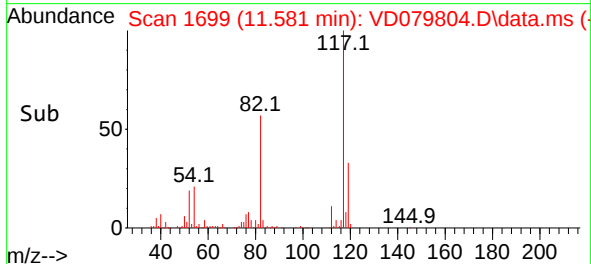
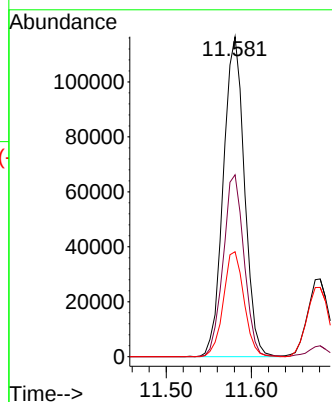
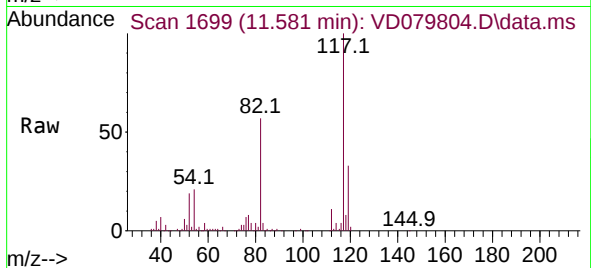
Tgt Ion:117 Resp: 200563

Ion Ratio Lower Upper

117 100

82 56.8 39.8 59.6

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 44.540 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Tgt Ion:164 Resp: 52473

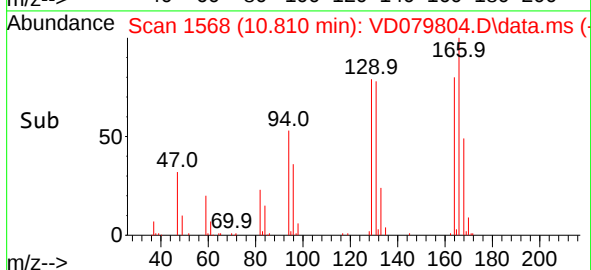
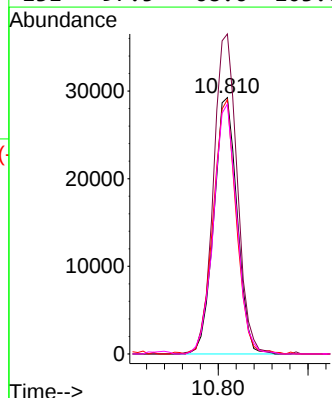
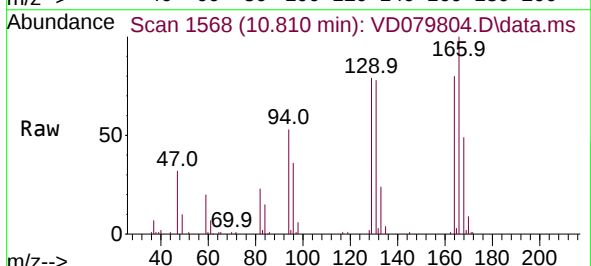
Ion Ratio Lower Upper

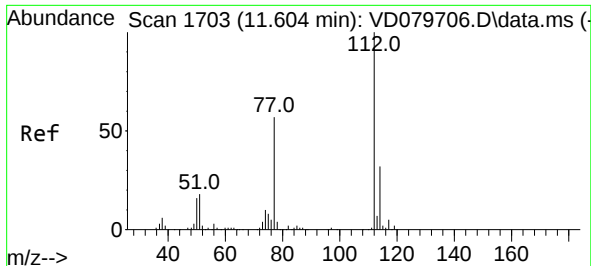
164 100

166 124.8 108.6 163.0

129 98.7 74.6 112.0

131 97.5 68.6 103.0

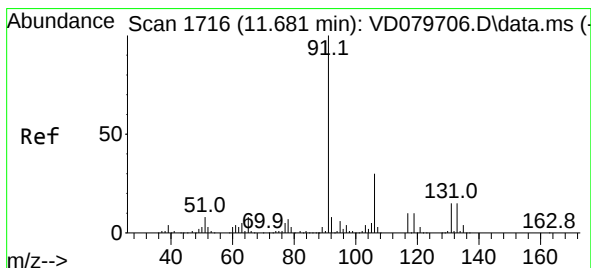
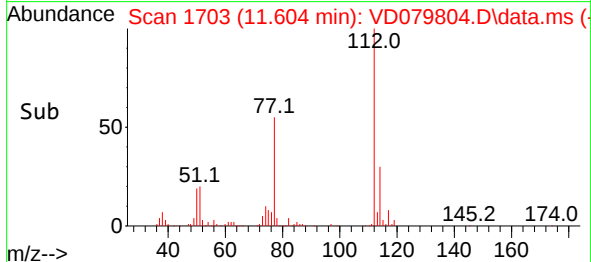
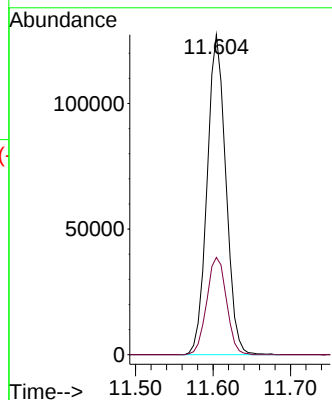
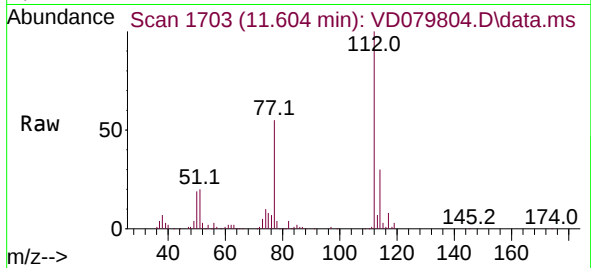




#65
Chlorobenzene
Concen: 48.031 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

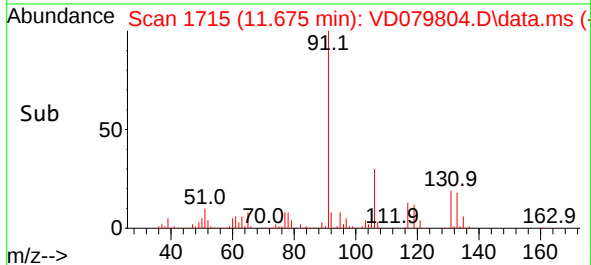
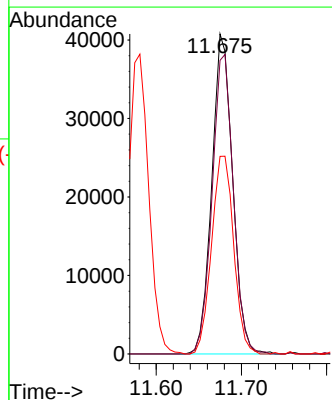
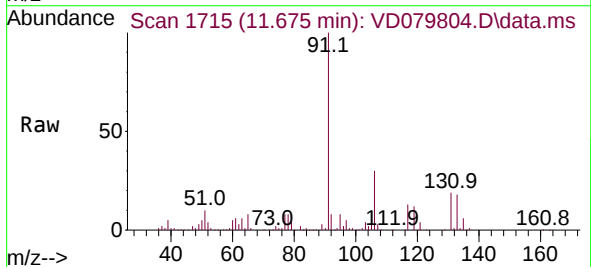
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

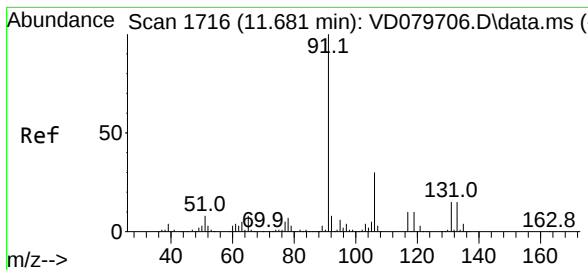
Tgt Ion:112 Resp: 213742
Ion Ratio Lower Upper
112 100
114 30.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.314 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:131 Resp: 69164
Ion Ratio Lower Upper
131 100
133 95.3 49.2 147.6
119 65.7 33.4 100.2

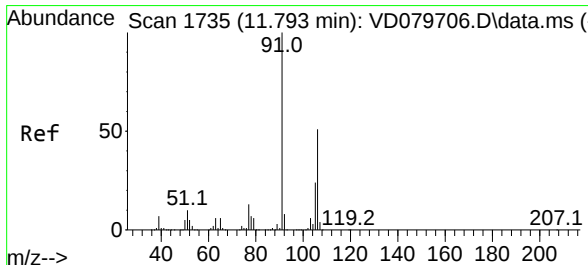
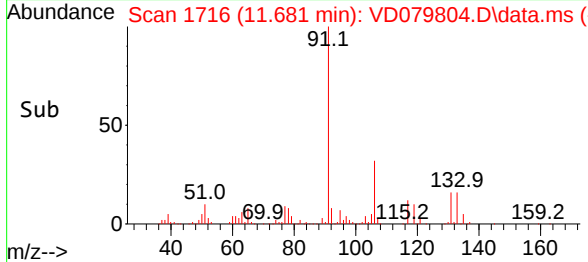
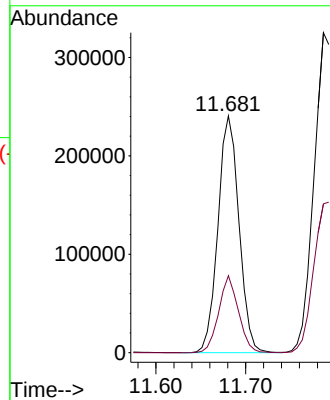
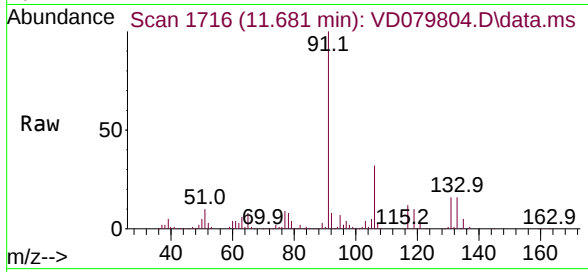




#67
Ethyl Benzene
Concen: 49.870 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

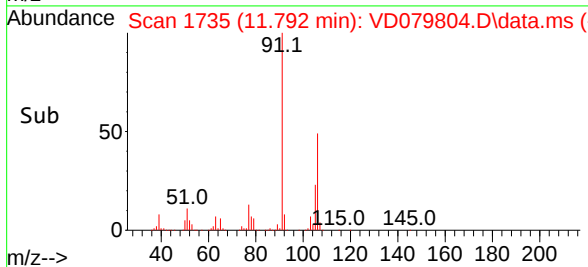
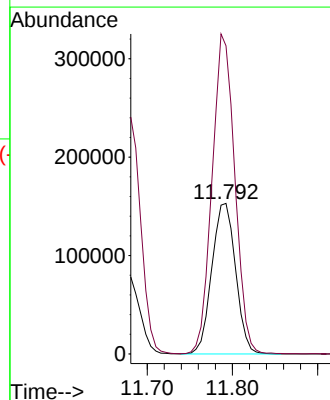
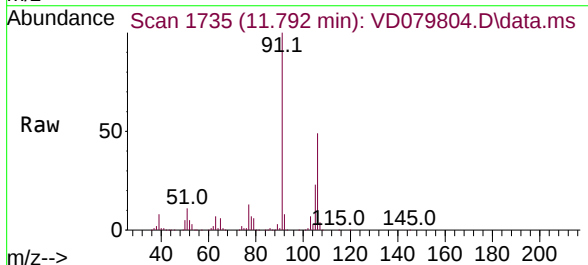
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

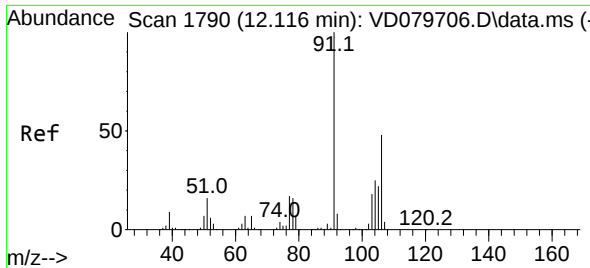
Tgt Ion: 91 Resp: 391217
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.6



#68
m/p-Xylenes
Concen: 98.511 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:106 Resp: 296657
Ion Ratio Lower Upper
106 100
91 203.7 148.5 222.7

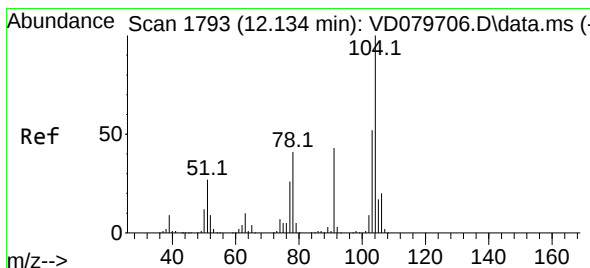
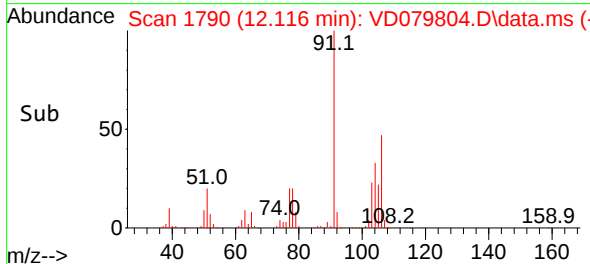
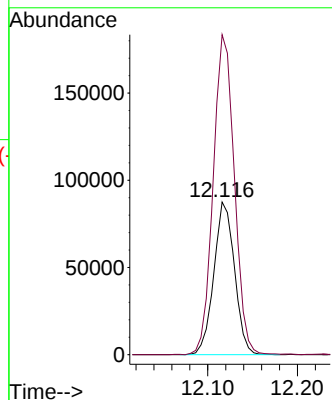
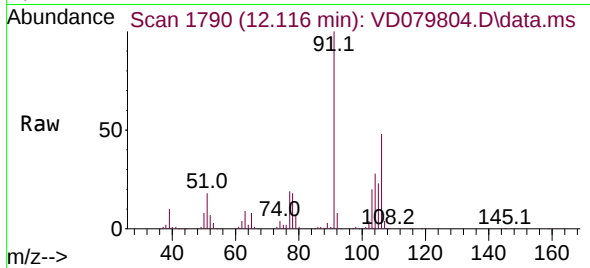




#69
o-Xylene
Concen: 49.897 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

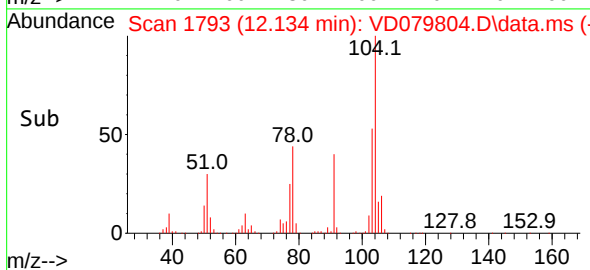
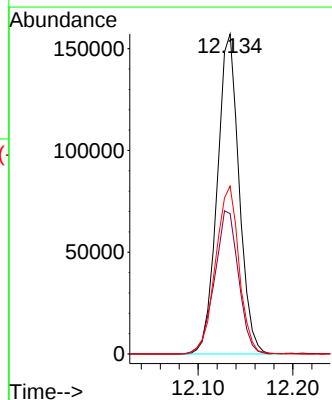
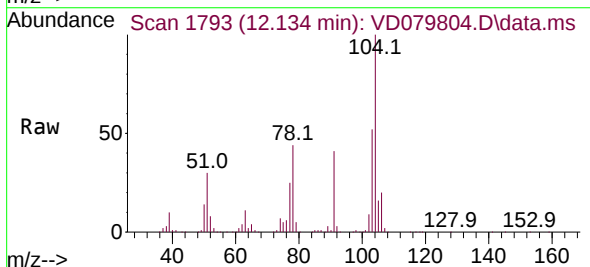
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

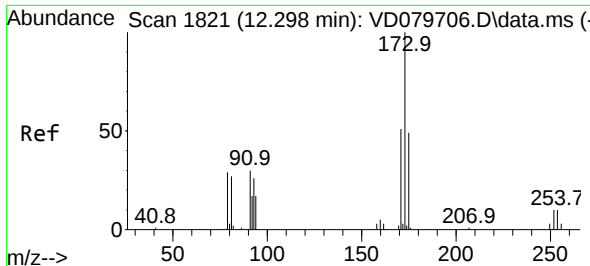
Tgt Ion:106 Resp: 140045
Ion Ratio Lower Upper
106 100
91 214.9 96.7 290.1



#70
Styrene
Concen: 51.481 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:104 Resp: 252205
Ion Ratio Lower Upper
104 100
78 49.1 33.0 49.6
103 56.2 44.2 66.4

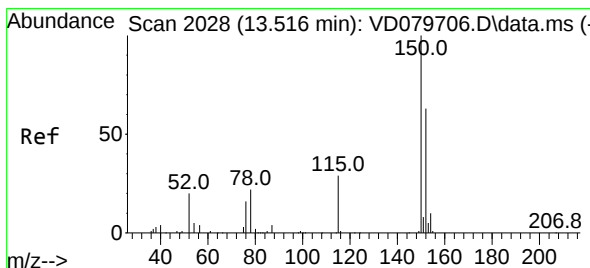
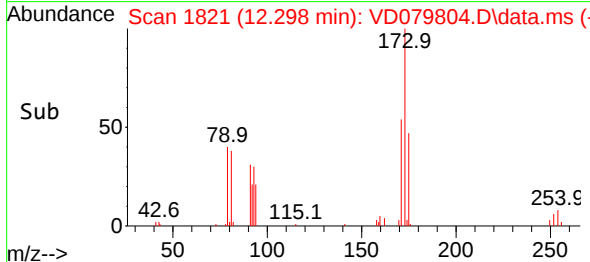
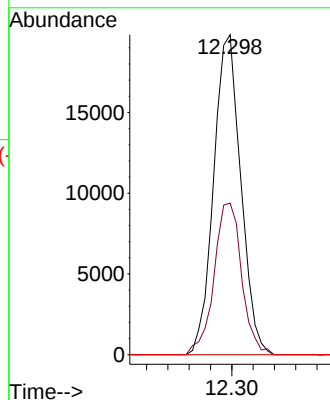
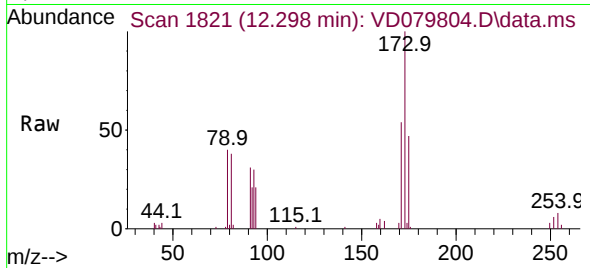




#71
Bromoform
Concen: 47.751 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

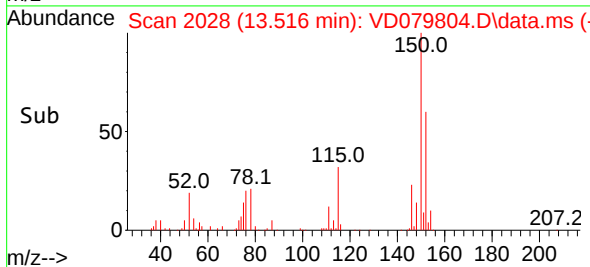
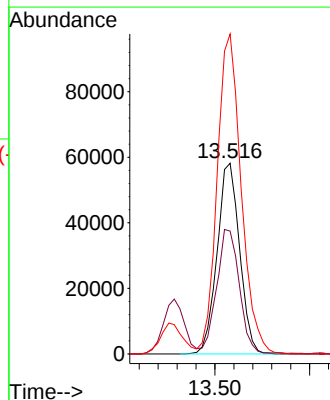
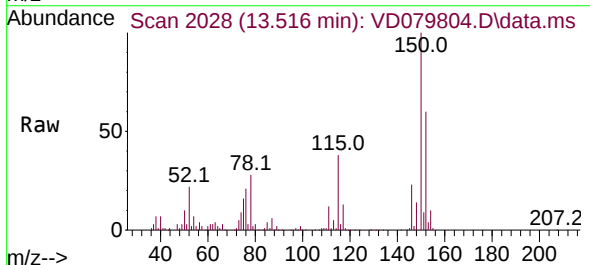
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

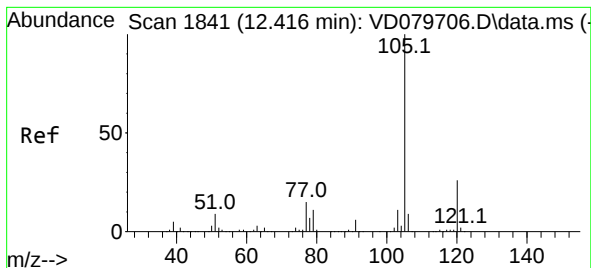
Tgt Ion:173 Resp: 35006
Ion Ratio Lower Upper
173 100
175 48.3 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:152 Resp: 95866
Ion Ratio Lower Upper
152 100
115 66.6 26.5 79.5
150 179.2 0.0 341.6





#73

Isopropylbenzene

Concen: 51.477 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

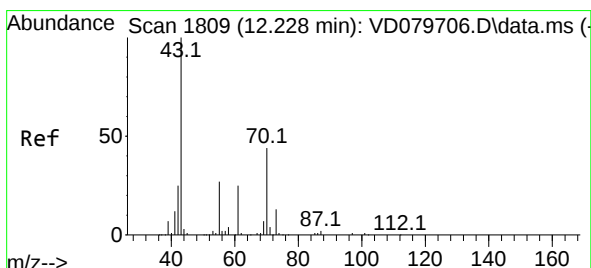
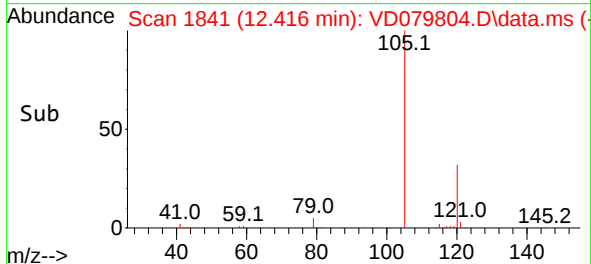
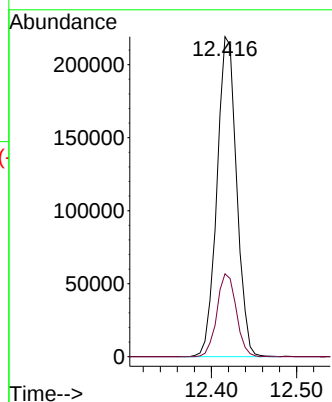
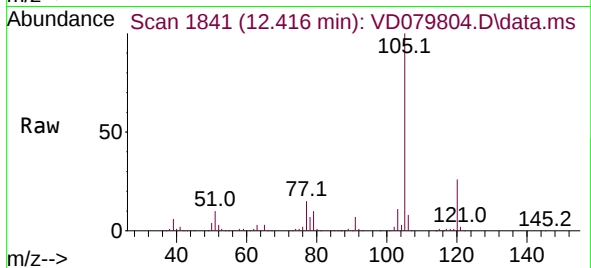
VSTDCCC050EC

Tgt Ion:105 Resp: 351227

Ion Ratio Lower Upper

105 100

120 25.4 13.6 40.7



#74

N-ethyl acetate

Concen: 61.887 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Tgt Ion: 43 Resp: 100358

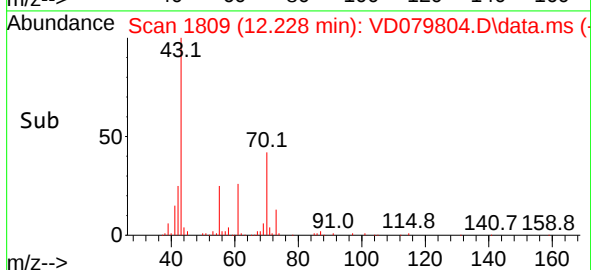
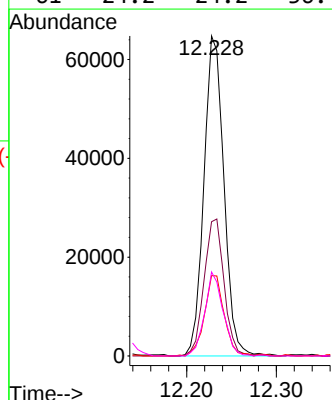
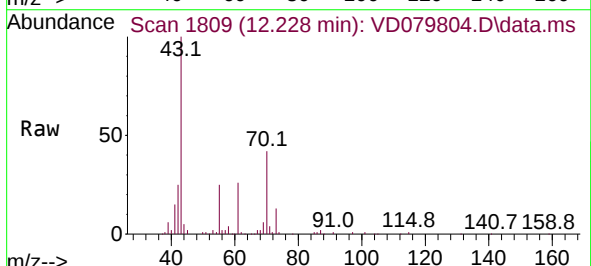
Ion Ratio Lower Upper

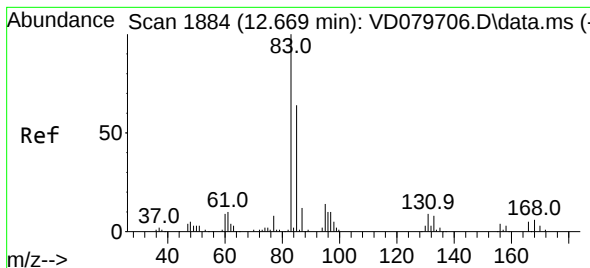
43 100

70 42.9 44.3 66.5#

55 24.7 23.2 34.8

61 24.2 24.2 36.4#

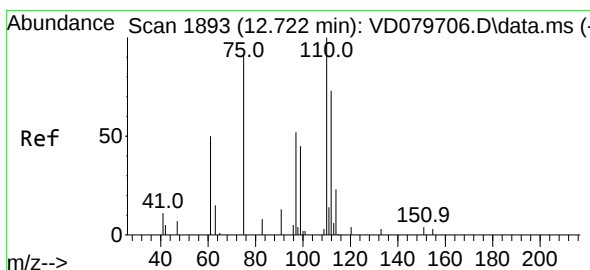
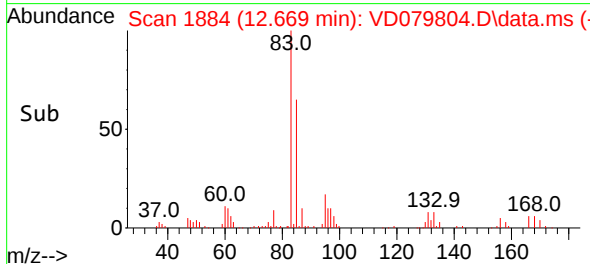
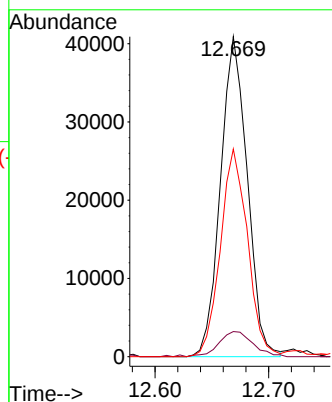
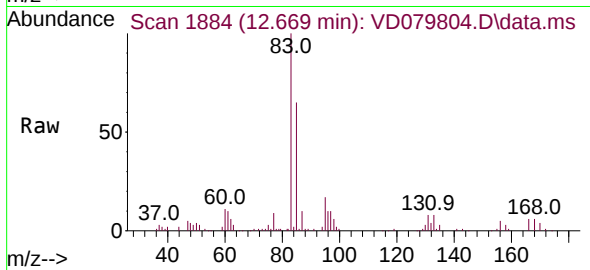




#75
1,1,2,2-Tetrachloroethane
Concen: 51.123 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

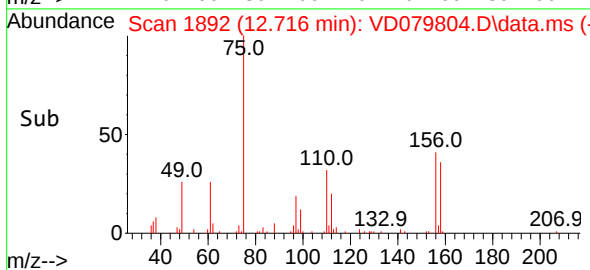
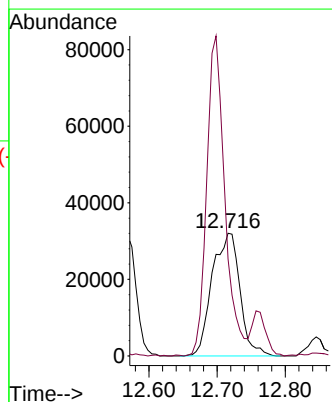
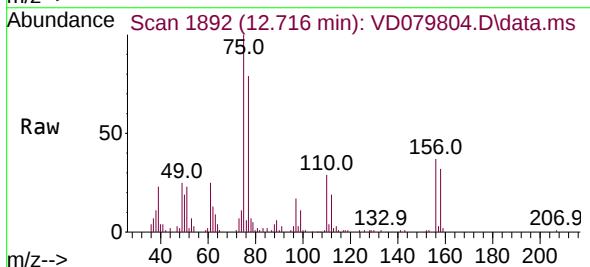
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

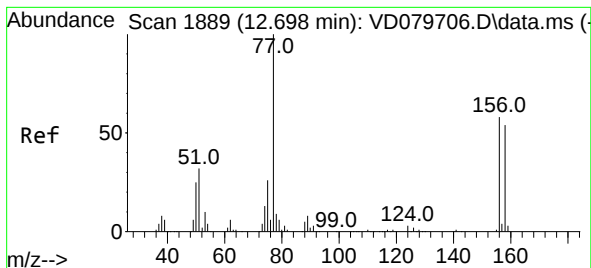
Tgt Ion: 83 Resp: 66956
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 65.8 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 110.841 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 75 Resp: 90819
Ion Ratio Lower Upper
75 100
77 171.6 0.0 0.0#





#77

Bromobenzene

Concen: 52.059 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

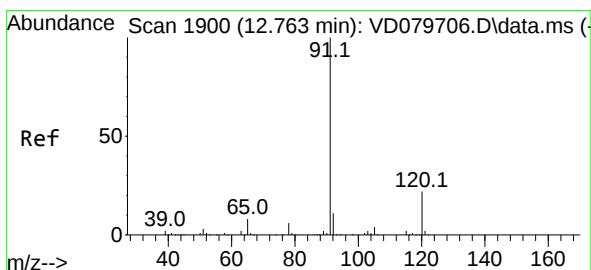
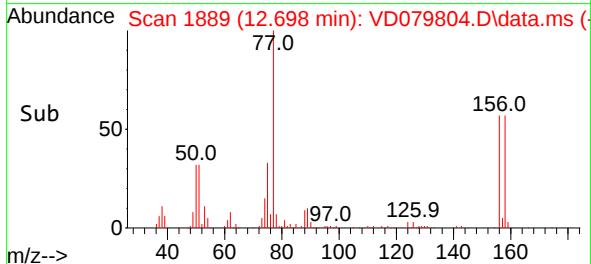
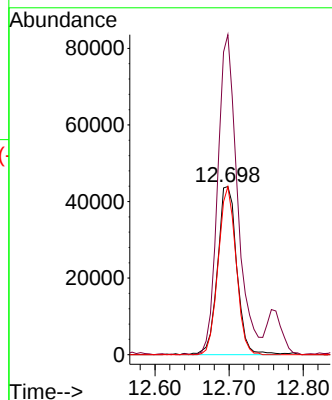
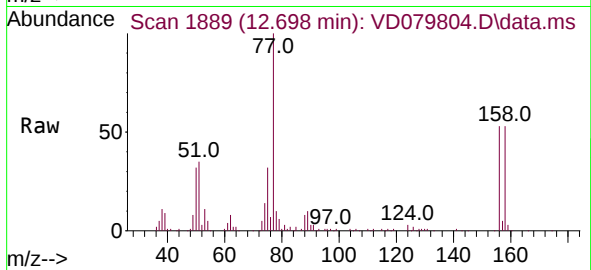
Tgt Ion:156 Resp: 79052

Ion Ratio Lower Upper

156 100

77 197.2 77.3 231.9

158 92.8 49.6 149.0



#78

n-propylbenzene

Concen: 52.769 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD079804.D

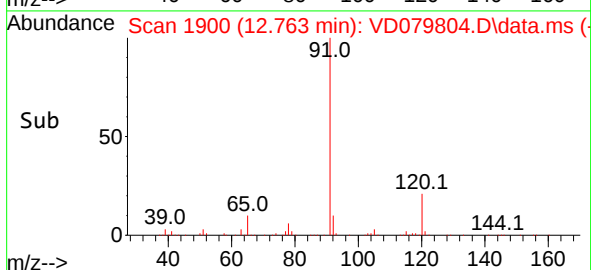
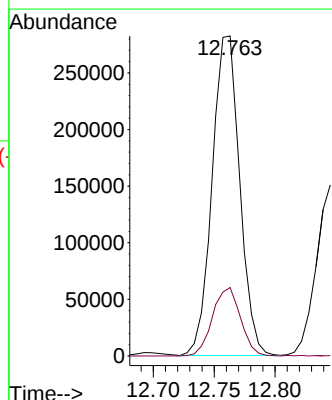
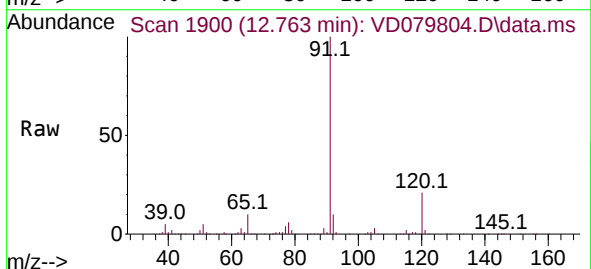
Acq: 06 Sep 2024 17:50

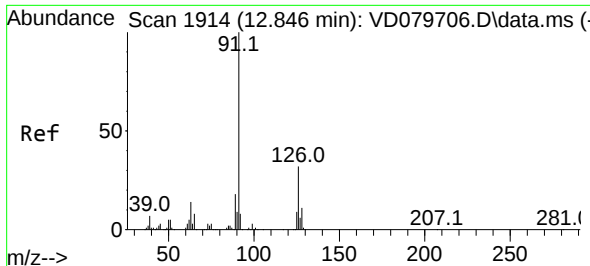
Tgt Ion: 91 Resp: 444902

Ion Ratio Lower Upper

91 100

120 21.7 12.3 36.8

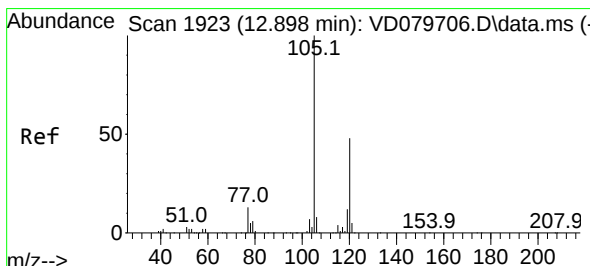
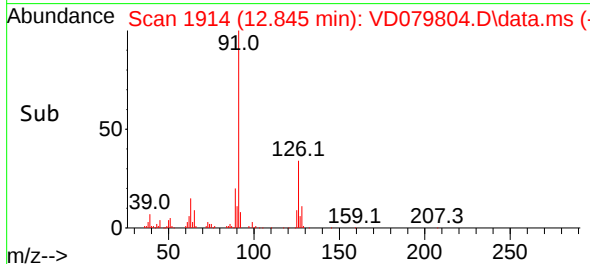
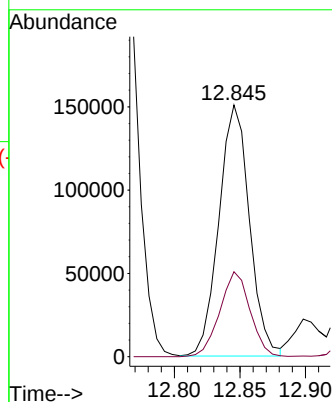
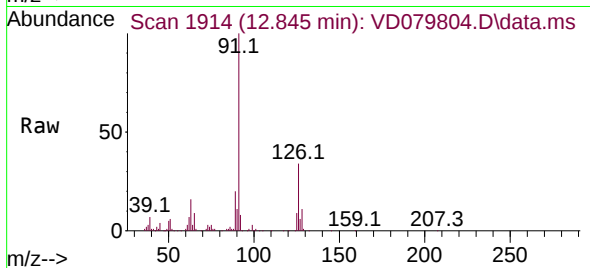




#79
2-Chlorotoluene
Concen: 52.091 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

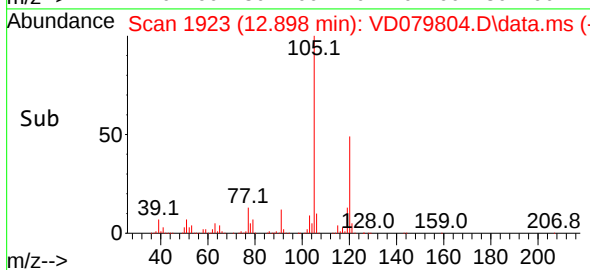
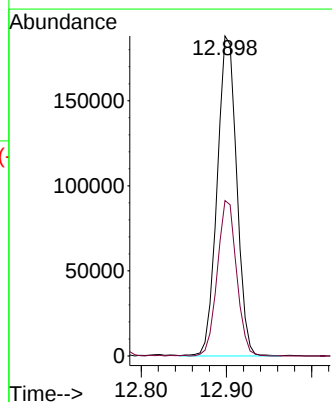
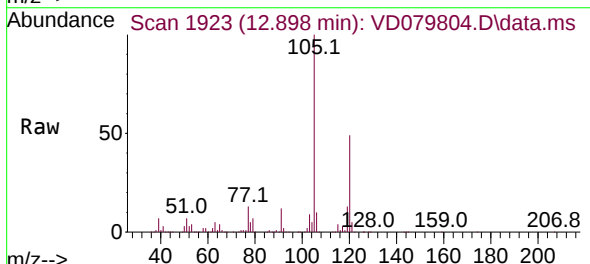
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

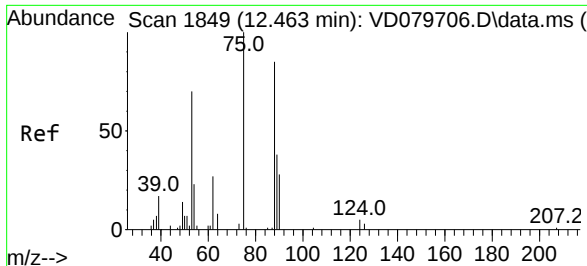
Tgt Ion: 91 Resp: 244665
Ion Ratio Lower Upper
91 100
126 33.5 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 52.787 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 105 Resp: 299423
Ion Ratio Lower Upper
105 100
120 47.8 25.7 77.1

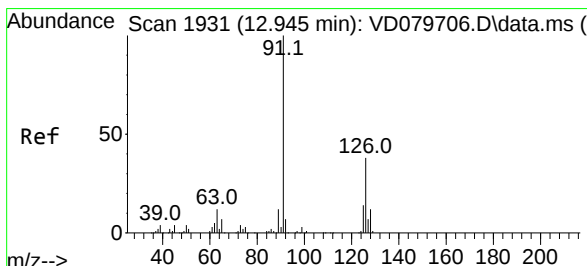
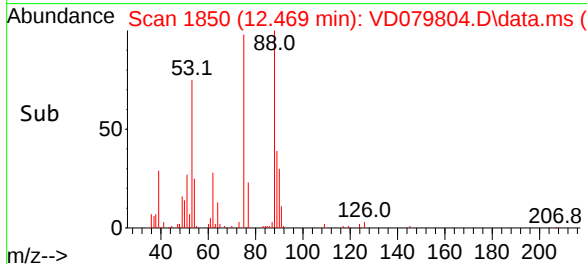
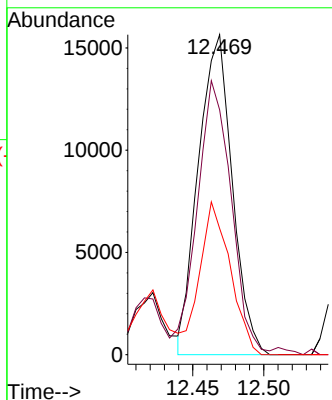
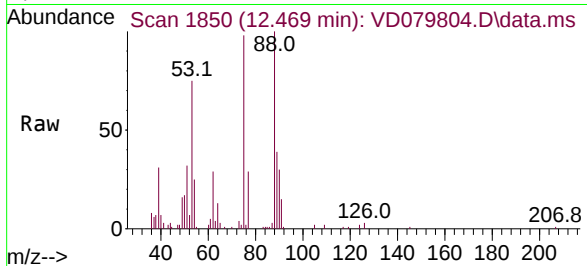




#81
trans-1,4-Dichloro-2-butene
Concen: 52.795 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

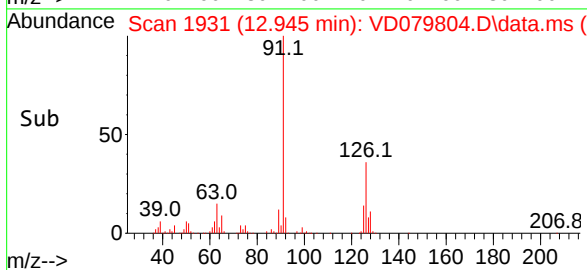
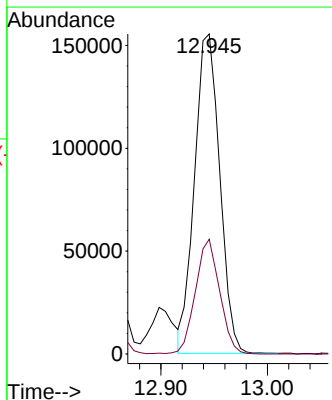
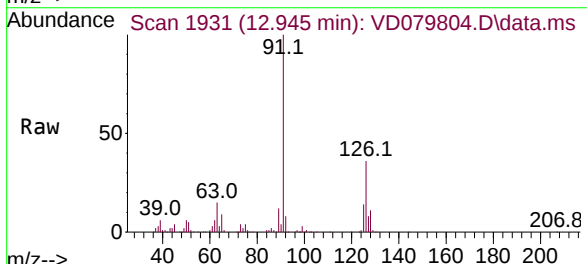
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

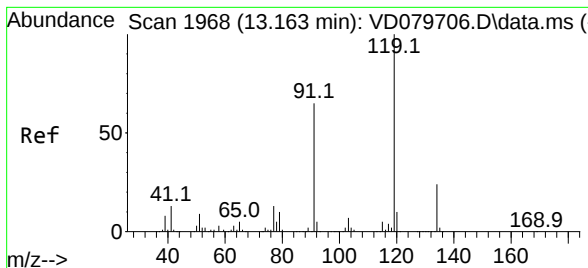
Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.9	61.4	92.2
89	43.4	35.4	53.0



#82
4-Chlorotoluene
Concen: 52.217 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	18.9	56.9

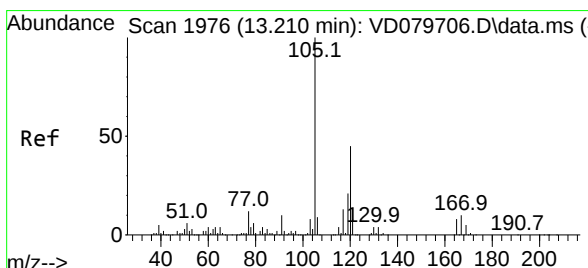
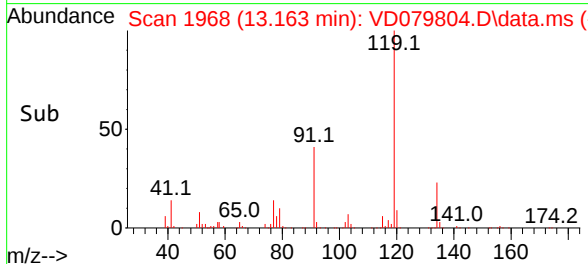
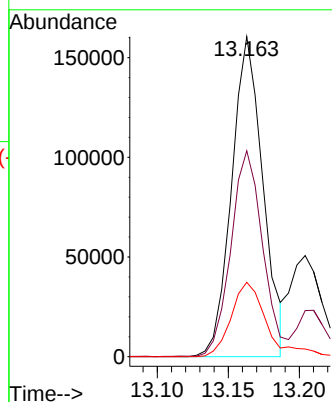
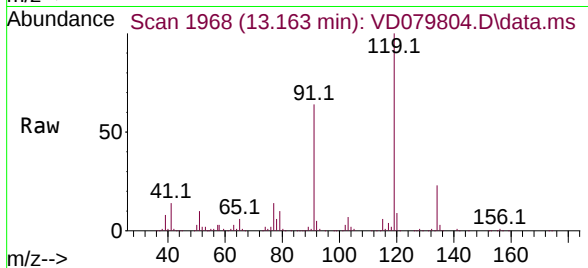




#83
tert-Butylbenzene
Concen: 52.258 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

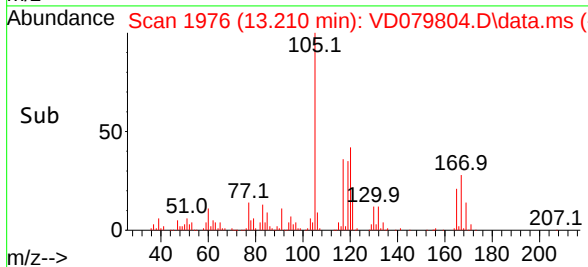
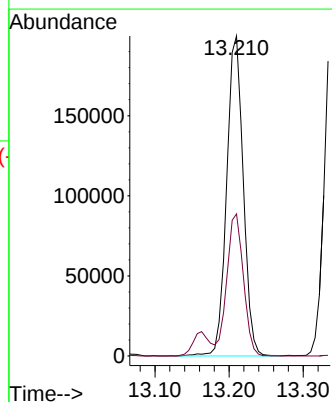
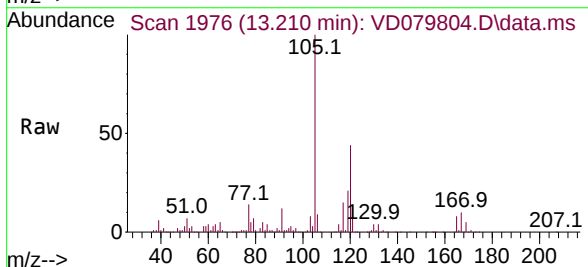
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

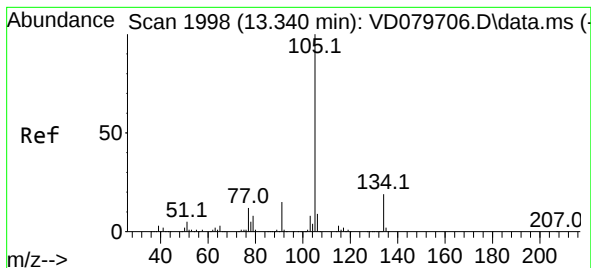
Tgt Ion:119 Resp: 246330
Ion Ratio Lower Upper
119 100
91 66.1 28.2 84.7
134 26.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 53.070 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:105 Resp: 310536
Ion Ratio Lower Upper
105 100
120 44.3 23.6 71.0





#85

sec-Butylbenzene

Concen: 51.596 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

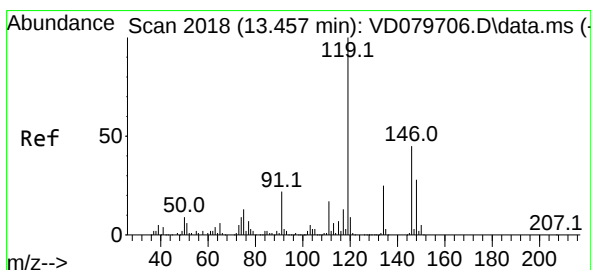
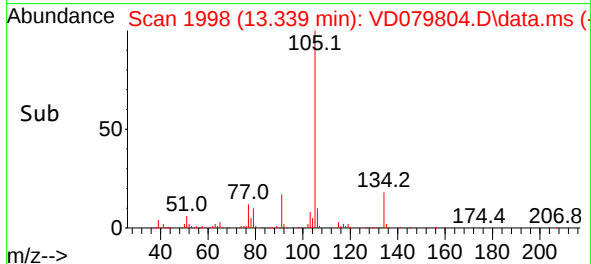
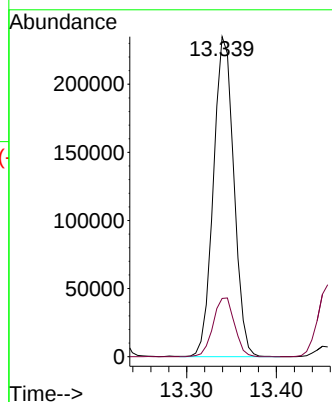
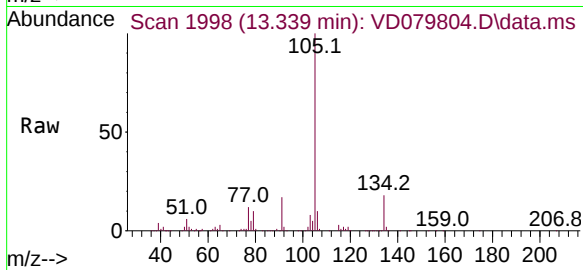
VSTDCCC050EC

Tgt Ion:105 Resp: 371837

Ion Ratio Lower Upper

105 100

134 19.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 46.054 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

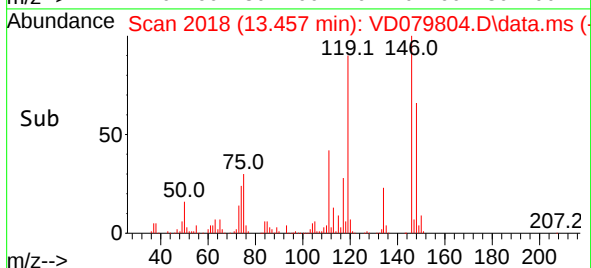
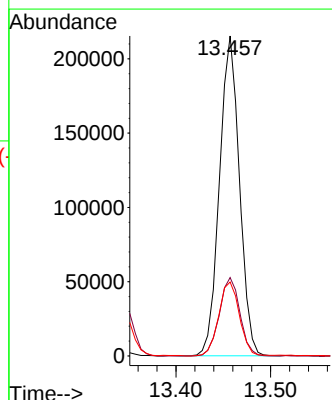
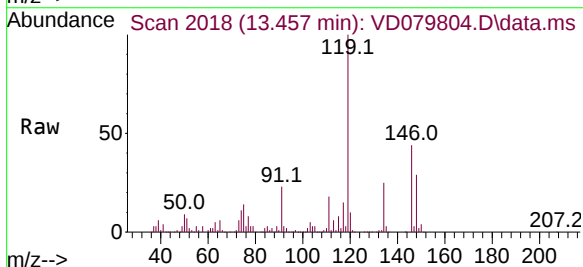
Tgt Ion:119 Resp: 315266

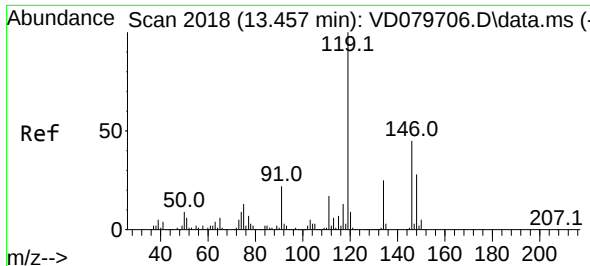
Ion Ratio Lower Upper

119 100

134 25.2 13.7 41.1

91 24.1 10.7 32.1

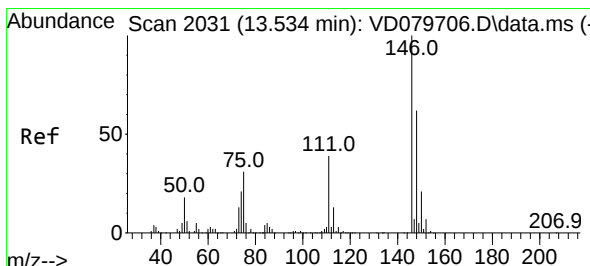
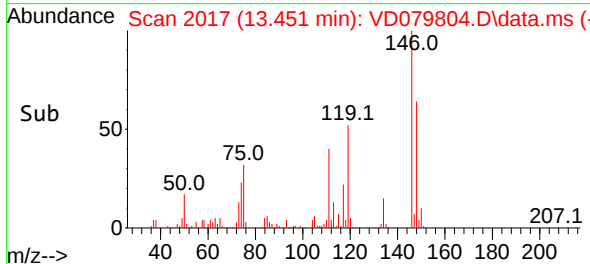
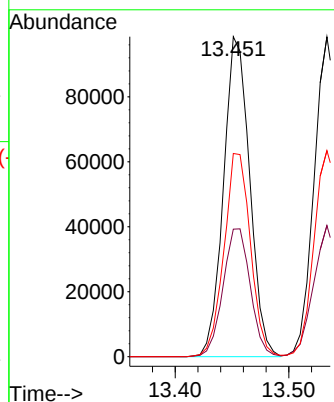
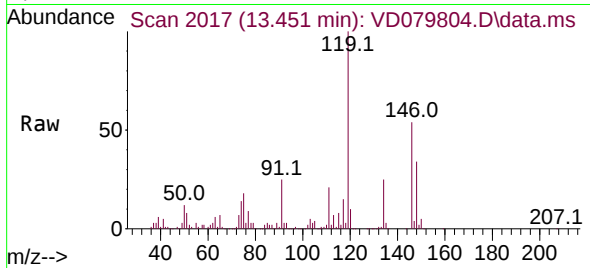




#87
1,3-Dichlorobenzene
Concen: 48.368 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

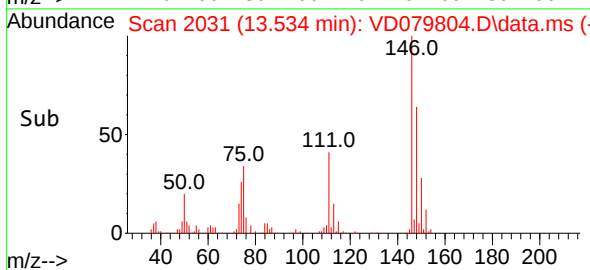
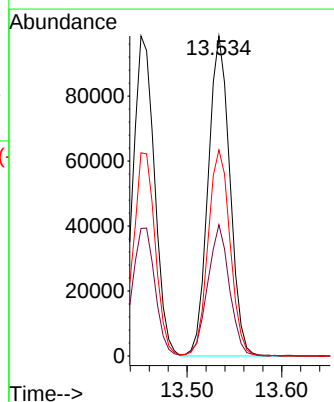
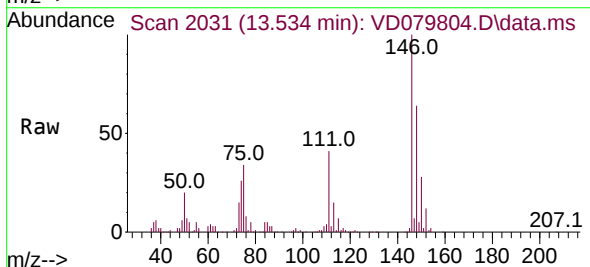
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

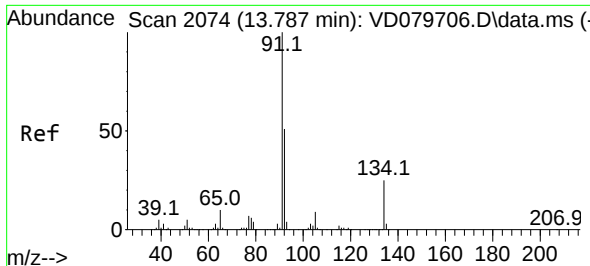
Tgt Ion:146 Resp: 157678
Ion Ratio Lower Upper
146 100
111 41.6 18.5 55.5
148 64.3 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 48.167 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion:146 Resp: 156998
Ion Ratio Lower Upper
146 100
111 41.1 17.5 52.6
148 65.4 31.4 94.2

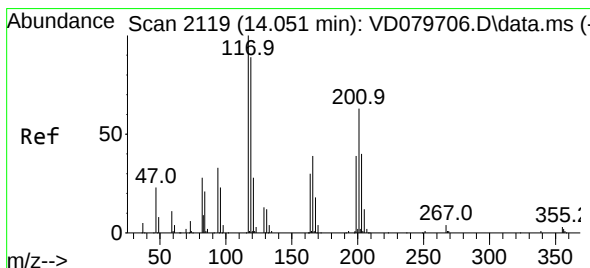
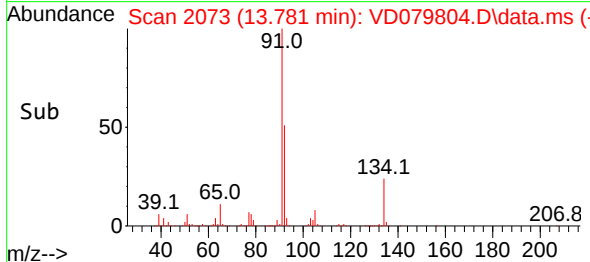
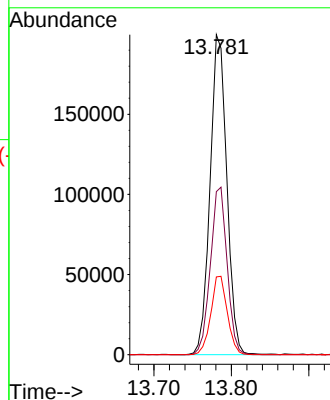
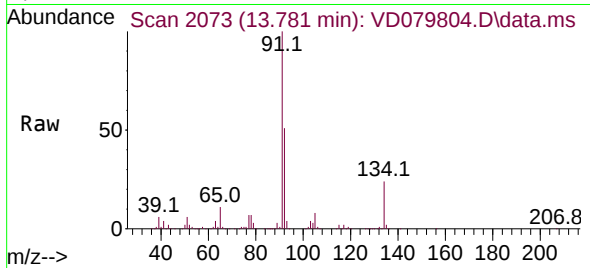




#89
n-Butylbenzene
Concen: 51.927 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

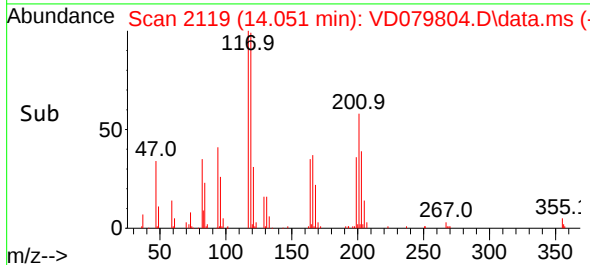
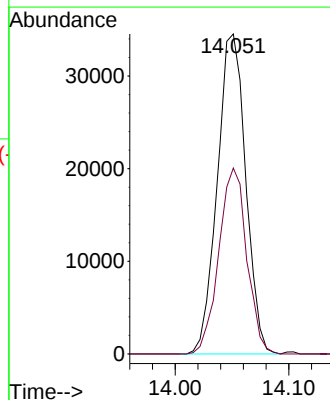
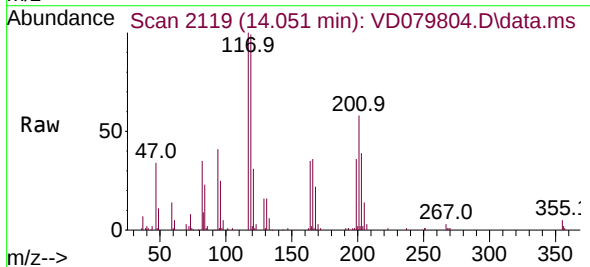
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

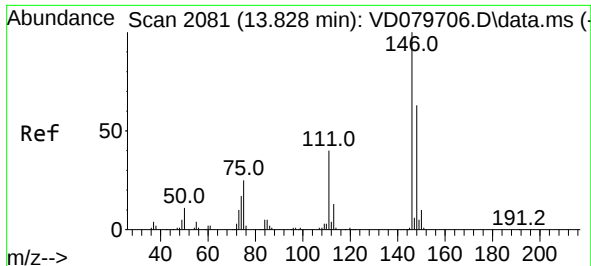
Tgt Ion: 91 Resp: 299807
Ion Ratio Lower Upper
91 100
92 52.3 25.7 77.0
134 24.1 13.6 40.8



#90
Hexachloroethane
Concen: 49.271 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 117 Resp: 60042
Ion Ratio Lower Upper
117 100
201 57.2 36.3 108.9

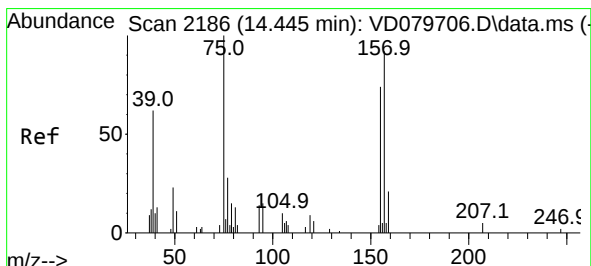
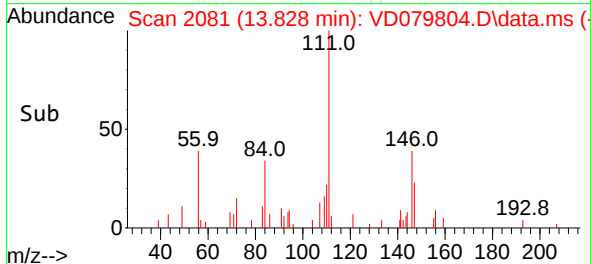
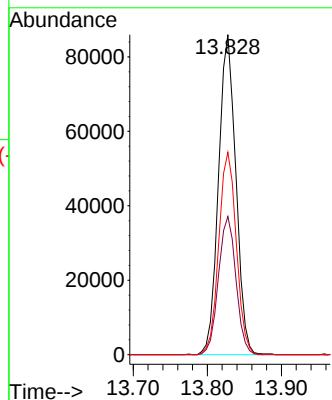
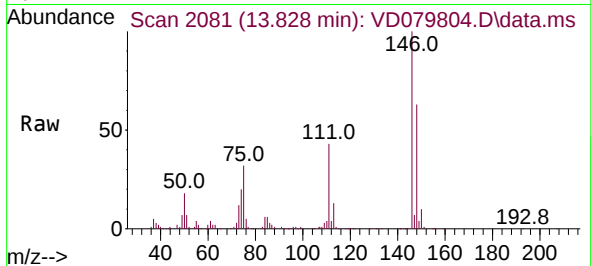




#91
1,2-Dichlorobenzene
Concen: 50.125 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

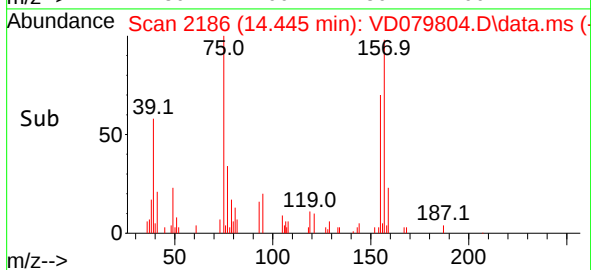
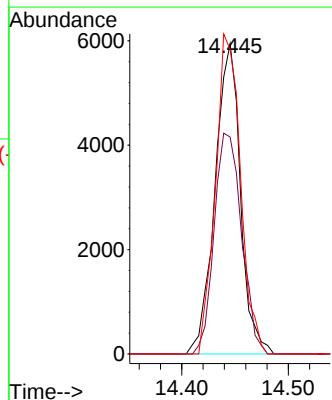
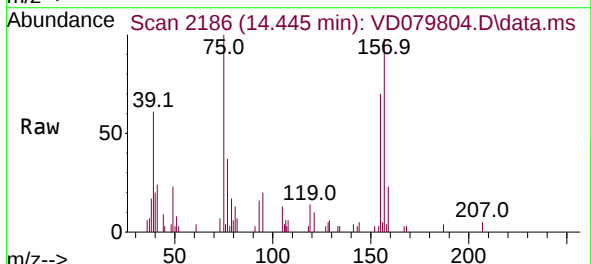
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

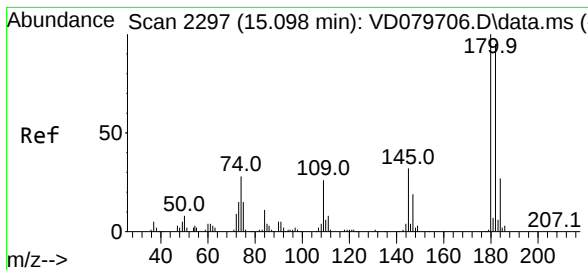
Tgt Ion:146 Resp: 139935
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 63.7 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.313 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079804.D
Acq: 06 Sep 2024 17:50

Tgt Ion: 75 Resp: 9812
Ion Ratio Lower Upper
75 100
155 76.9 47.7 143.1
157 101.5 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 50.871 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

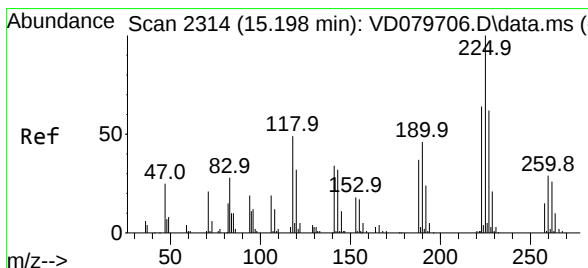
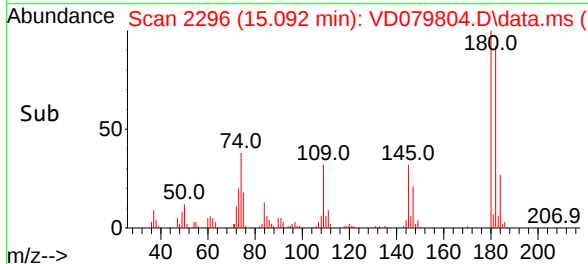
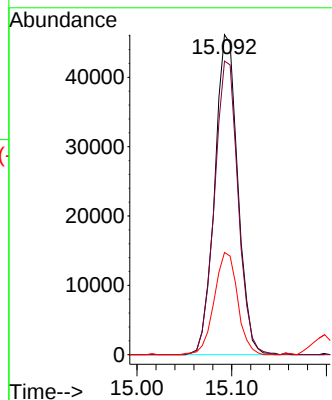
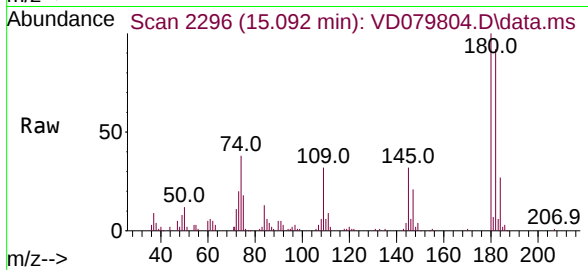
Tgt Ion:180 Resp: 78003

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.7

145 32.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 48.229 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

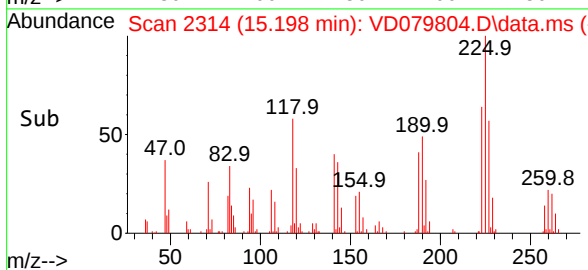
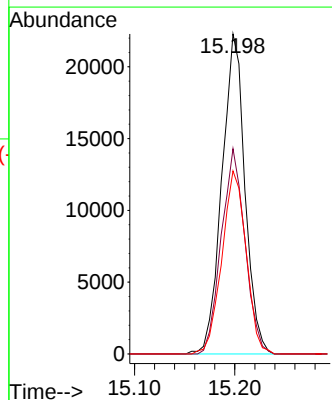
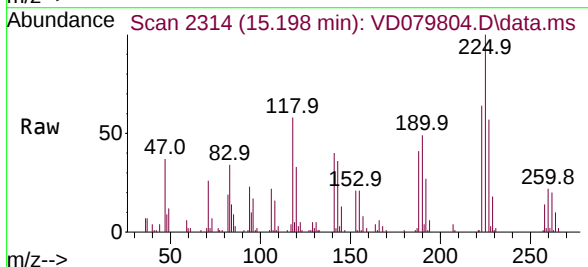
Tgt Ion:225 Resp: 35562

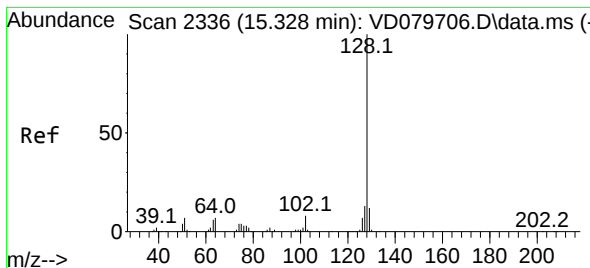
Ion Ratio Lower Upper

225 100

223 65.7 33.3 99.9

227 59.9 33.6 100.6





#95

Naphthalene

Concen: 59.221 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

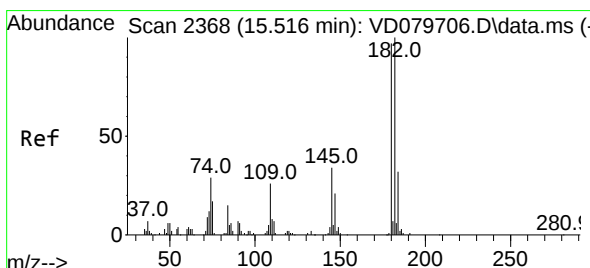
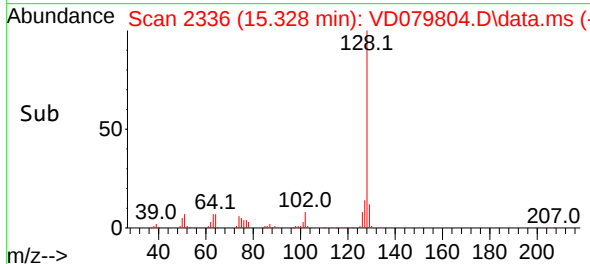
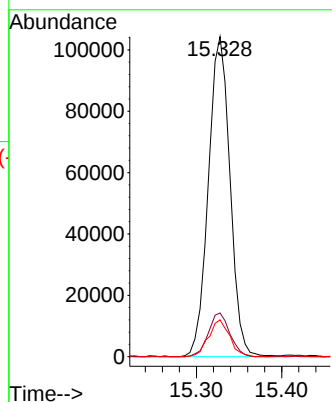
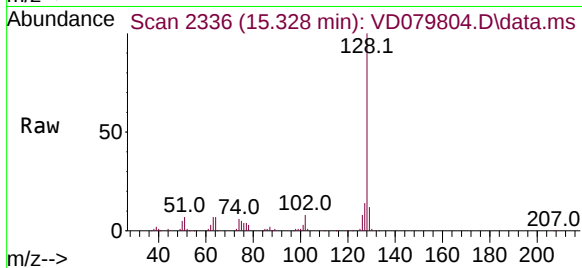
Tgt Ion:128 Resp: 184271

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.5 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.622 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079804.D

Acq: 06 Sep 2024 17:50

Tgt Ion:180 Resp: 70504

Ion Ratio Lower Upper

180 100

182 94.0 47.8 143.3

145 33.8 16.1 48.2

