

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079730.D
 Acq On : 14 Aug 2024 11:25
 Operator : RP/MD
 Sample : VD0814SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 15 01:30:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	315459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143737	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	99651	51.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.804	113	96427	49.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.263	98	421755	51.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.569	95	117305	51.544	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.080%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	37910	24.875	ug/l	95
3) Chloromethane	2.152	50	77770	23.867	ug/l	91
4) Vinyl Chloride	2.281	62	87462	22.706	ug/l	97
5) Bromomethane	2.687	94	54314	20.716	ug/l	98
6) Chloroethane	2.834	64	59838	22.758	ug/l	96
7) Trichlorofluoromethane	3.175	101	75035	21.781	ug/l	92
8) Diethyl Ether	3.593	74	23314	21.643	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.952	101	44376	21.881	ug/l	93
10) Methyl Iodide	4.157	142	37518	16.528	ug/l	91
11) Tert butyl alcohol	5.057	59	15688	163.182	ug/l #	90
12) 1,1-Dichloroethene	3.934	96	45102	21.269	ug/l	98
13) Acrolein	3.793	56	22989	101.824	ug/l	94
14) Allyl chloride	4.557	41	65120	20.474	ug/l #	84
15) Acrylonitrile	5.252	53	53899	108.690	ug/l	98
16) Acetone	4.016	43	42925	106.210	ug/l	99
17) Carbon Disulfide	4.263	76	155868	20.735	ug/l	98
18) Methyl Acetate	4.557	43	26606	20.105	ug/l #	87
19) Methyl tert-butyl Ether	5.310	73	93519	21.478	ug/l	100
20) Methylene Chloride	4.799	84	74088	24.631	ug/l #	84
21) trans-1,2-Dichloroethene	5.310	96	48758	20.942	ug/l	89
22) Diisopropyl ether	6.216	45	141937	21.655	ug/l #	93
23) Vinyl Acetate	6.152	43	541752	112.764	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	88363	20.394	ug/l	97
25) 2-Butanone	7.081	43	65291	109.337	ug/l	95
26) 2,2-Dichloropropane	7.069	77	74616	21.805	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	56303	20.848	ug/l	85
28) Bromochloromethane	7.428	49	37687	20.446	ug/l #	63
29) Tetrahydrofuran	7.451	42	41122	113.279	ug/l #	80
30) Chloroform	7.593	83	86928	20.660	ug/l	92
31) Cyclohexane	7.875	56	72093	20.321	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	71696	20.597	ug/l	97
36) 1,1-Dichloropropene	7.998	75	62091	20.597	ug/l	95
37) Ethyl Acetate	7.163	43	29505	21.627	ug/l #	95
38) Carbon Tetrachloride	7.993	117	64437	21.059	ug/l	96
39) Methylcyclohexane	9.269	83	74116	20.801	ug/l	91
40) Benzene	8.246	78	203200	20.726	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15274	21.258	ug/l	88
42) 1,2-Dichloroethane	8.322	62	49459	21.824	ug/l	96
43) Isopropyl Acetate	8.357	43	52084	21.891	ug/l #	79
44) Trichloroethene	9.028	130	44366	20.603	ug/l	96
45) 1,2-Dichloropropane	9.304	63	48935	20.278	ug/l	95
46) Dibromomethane	9.393	93	26399	21.607	ug/l #	86
47) Bromodichloromethane	9.581	83	63524	20.626	ug/l	98
48) Methyl methacrylate	9.381	41	24044	21.971	ug/l #	81
49) 1,4-Dioxane	9.381	88	6204	504.540	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	138616	113.243	ug/l	92
52) Toluene	10.328	92	125197	21.295	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	60570	21.039	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	72789	20.600	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	35200	21.613	ug/l	94
56) Ethyl methacrylate	10.592	69	43464	23.334	ug/l #	84
57) 1,3-Dichloropropane	10.875	76	61998	22.081	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	97207	109.448	ug/l	90
59) 2-Hexanone	10.916	43	101019	122.064	ug/l	93
60) Dibromochloromethane	11.075	129	43652	21.754	ug/l	99
61) 1,2-Dibromoethane	11.175	107	30946	21.398	ug/l	97
64) Tetrachloroethene	10.804	164	35223	19.824	ug/l	91
65) Chlorobenzene	11.604	112	131534	20.600	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	41795	20.077	ug/l	96
67) Ethyl Benzene	11.681	91	218578	19.509	ug/l	97
68) m/p-Xylenes	11.792	106	176164	40.435	ug/l	91
69) o-Xylene	12.116	106	79885	20.062	ug/l	91
70) Styrene	12.134	104	143626	20.561	ug/l	98
71) Bromoform	12.298	173	22490	21.017	ug/l #	100
73) Isopropylbenzene	12.416	105	204927	20.308	ug/l	98
74) N-amyl acetate	12.228	43	50364	22.402	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	41972	22.276	ug/l	90
76) 1,2,3-Trichloropropane	12.722	75	52586	44.877	ug/l #	100
77) Bromobenzene	12.698	156	45836	20.309	ug/l	82
78) n-propylbenzene	12.757	91	257631	20.632	ug/l	96
79) 2-Chlorotoluene	12.845	91	143197	20.594	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	173759	20.764	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	15949	23.195	ug/l	97
82) 4-Chlorotoluene	12.945	91	152345	20.835	ug/l	95
83) tert-Butylbenzene	13.163	119	144567	20.470	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	177209	20.699	ug/l	98
85) sec-Butylbenzene	13.339	105	224373	20.617	ug/l	97
86) p-Isopropyltoluene	13.457	119	189773	20.758	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	98339	20.468	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	98137	20.693	ug/l	95
89) n-Butylbenzene	13.786	91	175181	20.328	ug/l	98
90) Hexachloroethane	14.051	117	38827	20.699	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	85290	20.612	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5997	23.318	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	48608	20.420	ug/l	96
94) Hexachlorobutadiene	15.198	225	26771	22.364	ug/l	90
95) Naphthalene	15.328	128	101087	22.204	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	42589	20.411	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

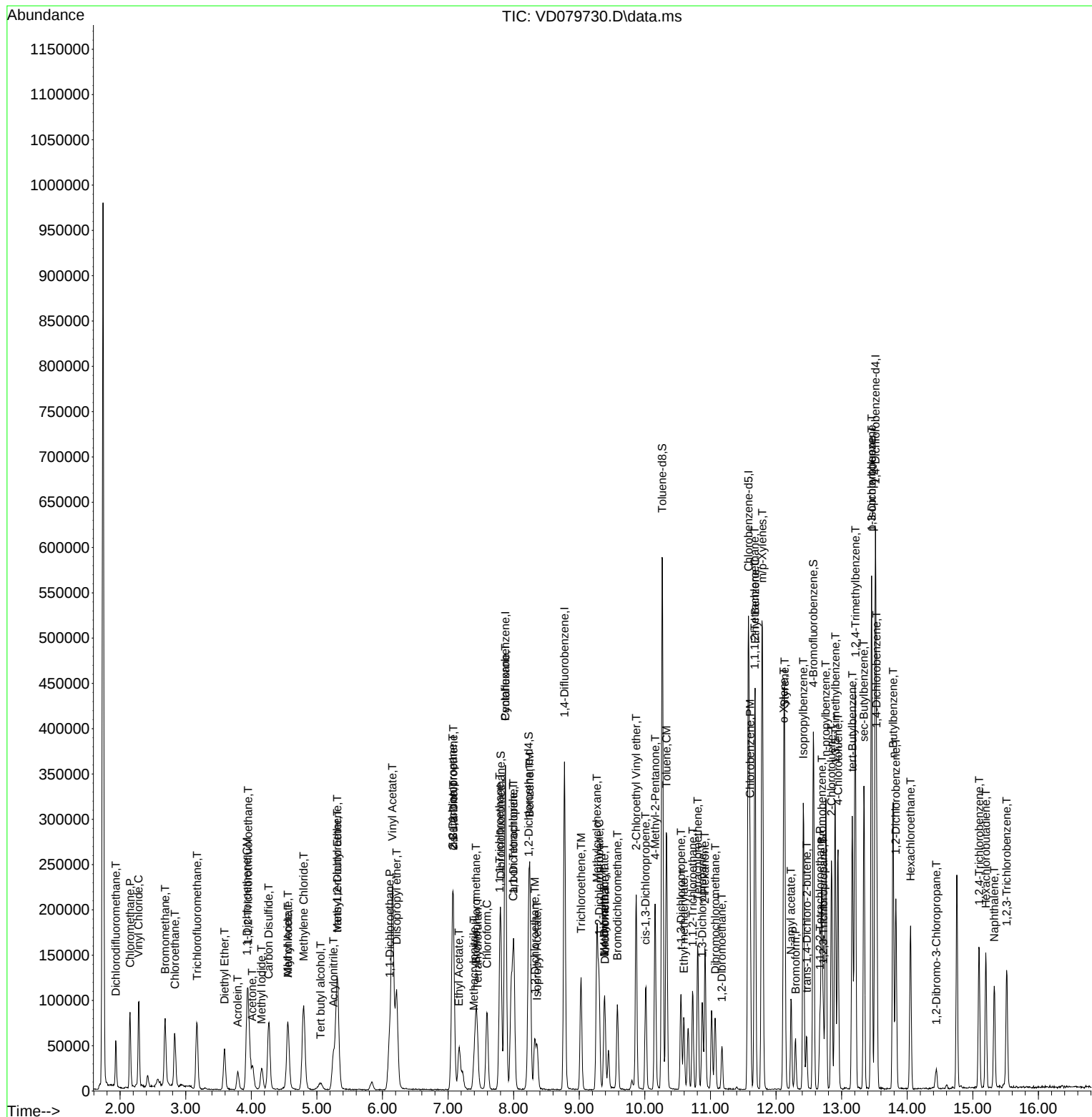
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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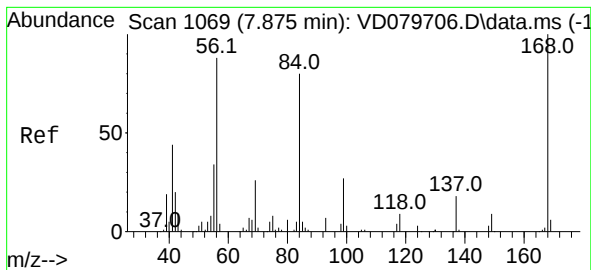
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

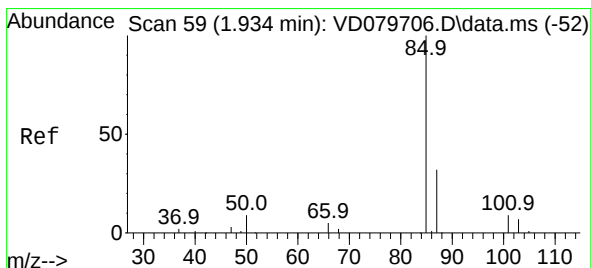
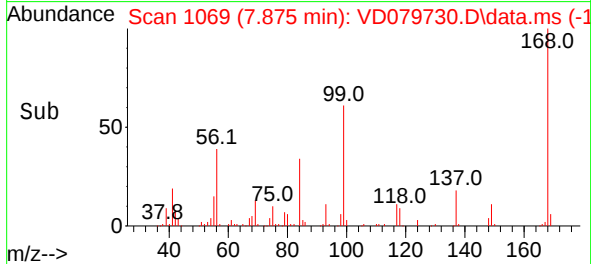
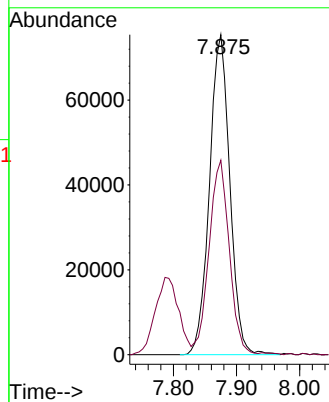
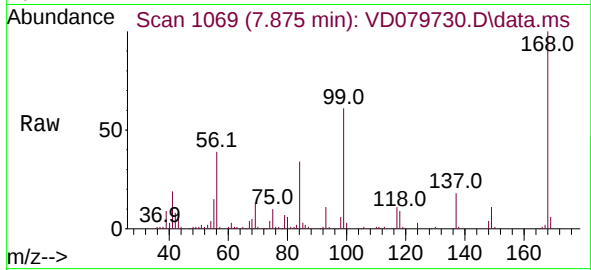
ClientSampleId :

Tgt Ion:168 Resp: 168710

Ion Ratio Lower Upper

168 100

99 60.5 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 24.875 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079730.D

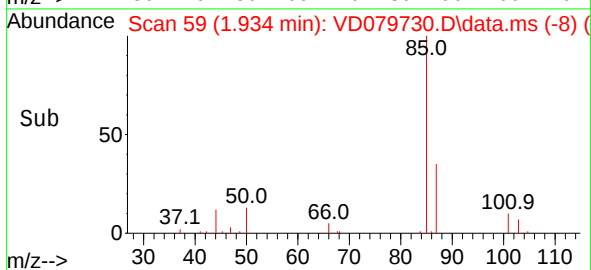
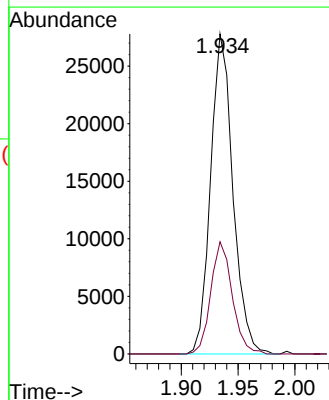
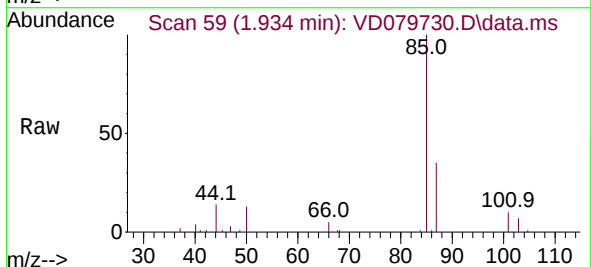
Acq: 14 Aug 2024 11:25

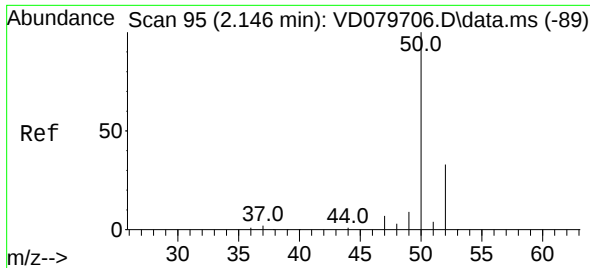
Tgt Ion: 85 Resp: 37910

Ion Ratio Lower Upper

85 100

87 35.0 16.0 48.0

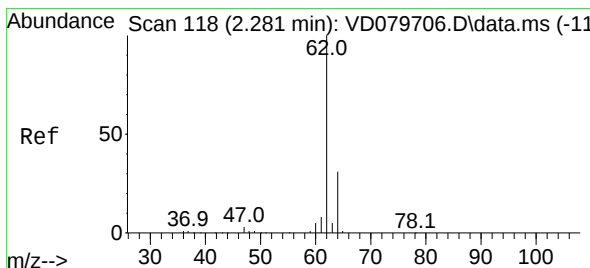
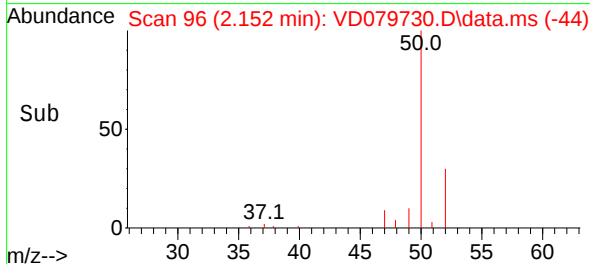
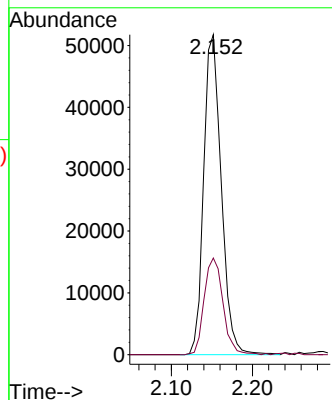
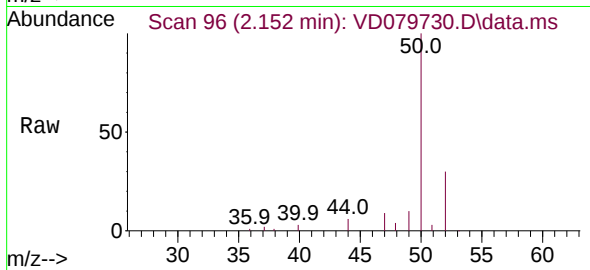




#3
Chloromethane
Concen: 23.867 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

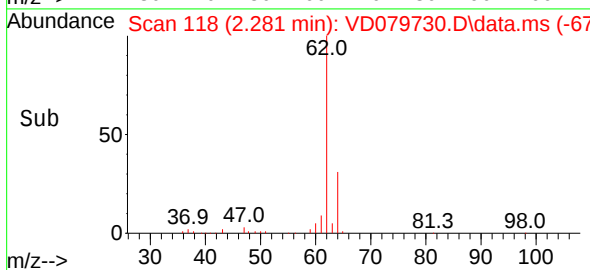
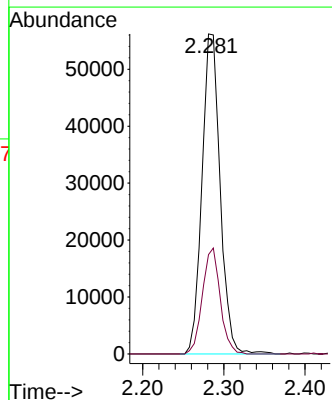
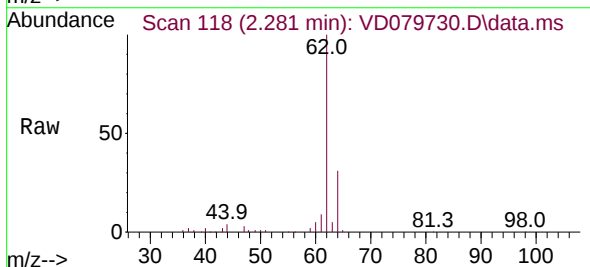
Instrument :
MSVOA_D
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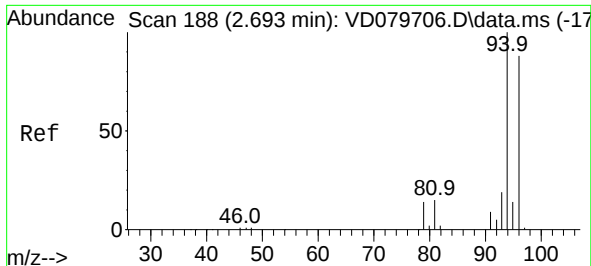
Tgt Ion: 50 Resp: 77770
Ion Ratio Lower Upper
50 100
52 30.2 28.2 42.2



#4
Vinyl Chloride
Concen: 22.706 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 62 Resp: 87462
Ion Ratio Lower Upper
62 100
64 31.1 26.3 39.5

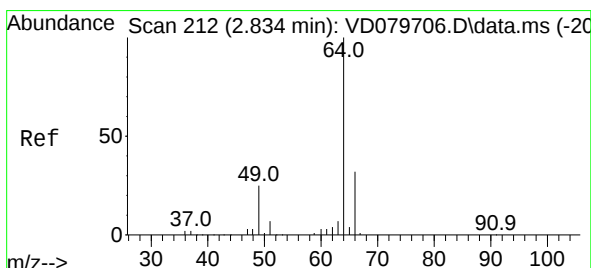
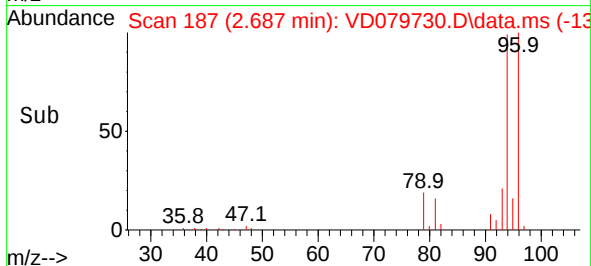
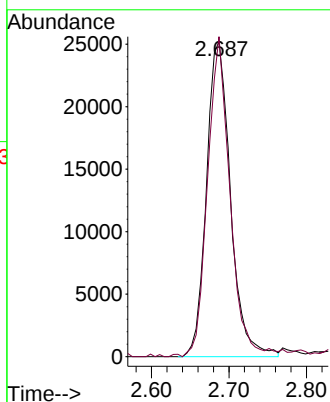
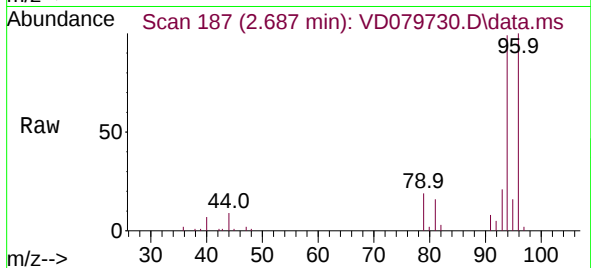




#5
Bromomethane
Concen: 20.716 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

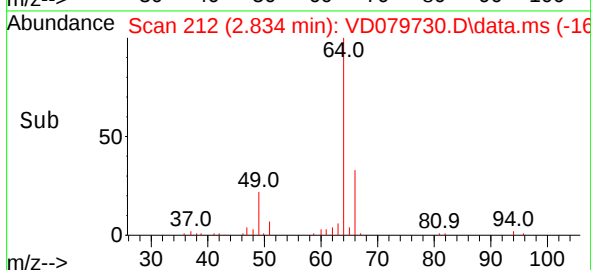
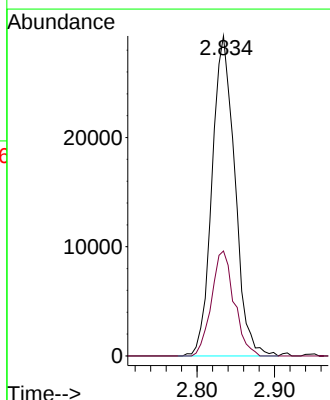
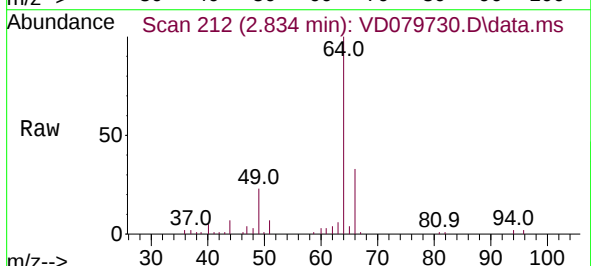
Instrument :
MSVOA_D
ClientSampleId :

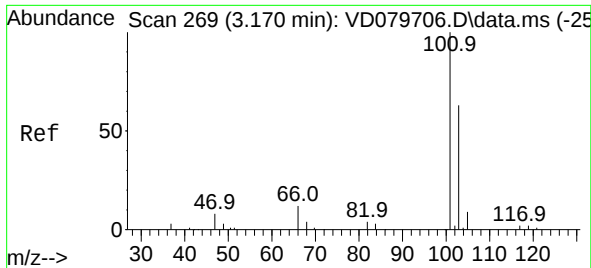
Tgt Ion: 94 Resp: 54314
Ion Ratio Lower Upper
94 100
96 94.6 76.9 115.3



#6
Chloroethane
Concen: 22.758 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

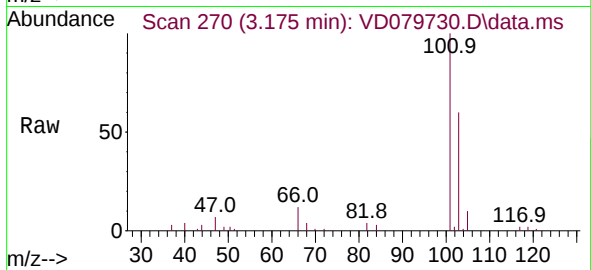
Tgt Ion: 64 Resp: 59838
Ion Ratio Lower Upper
64 100
66 32.8 24.5 36.7



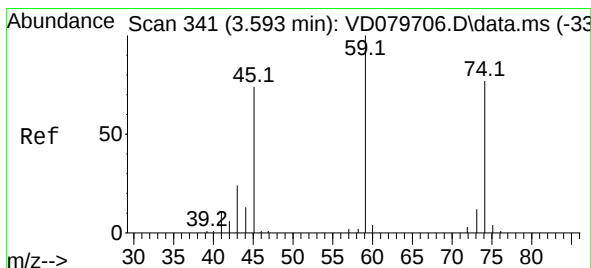
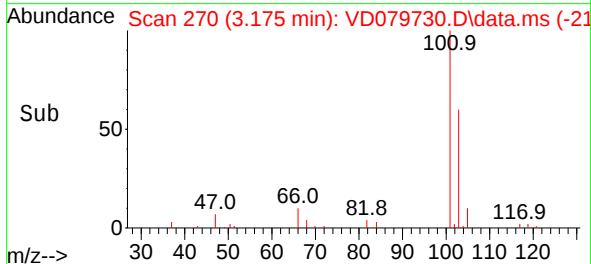
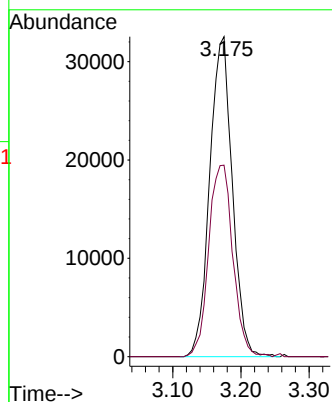


#7
 Trichlorofluoromethane
 Concen: 21.781 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

Instrument :
 MSVOA_D
 ClientSampleId :

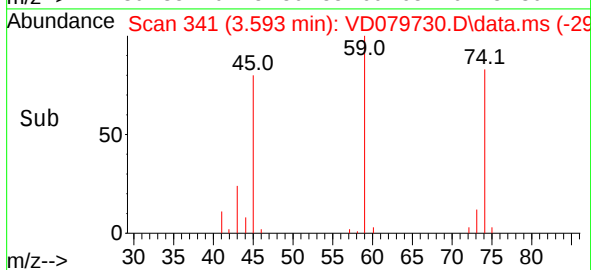
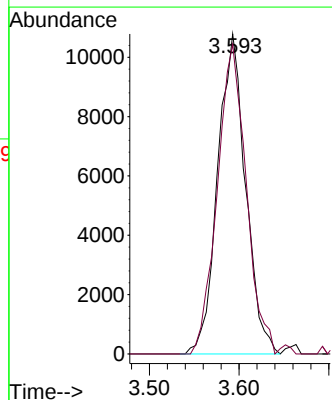
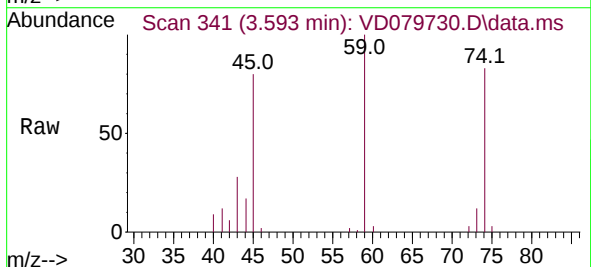


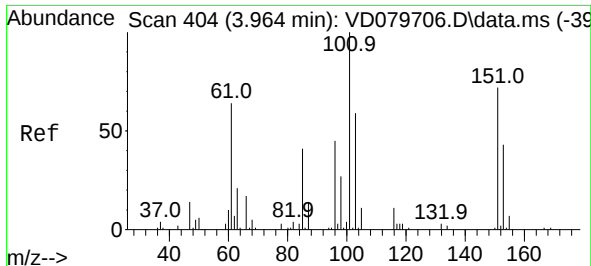
Tgt Ion:101 Resp: 75035
 Ion Ratio Lower Upper
 101 100
 103 59.8 53.2 79.8



#8
 Diethyl Ether
 Concen: 21.643 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

Tgt Ion: 74 Resp: 23314
 Ion Ratio Lower Upper
 74 100
 45 100.5 37.9 113.6

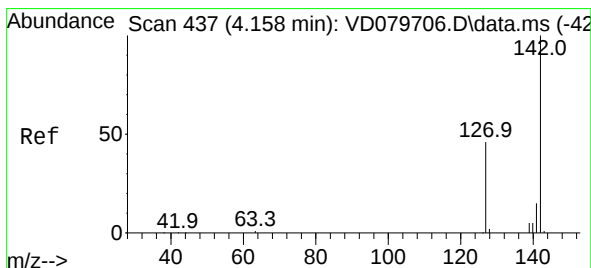
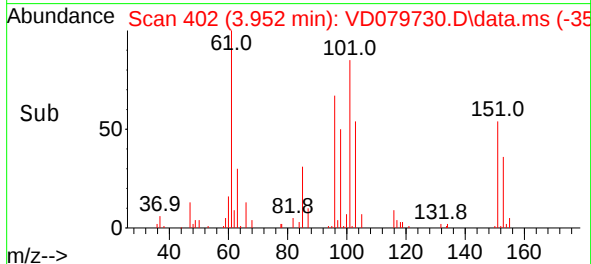
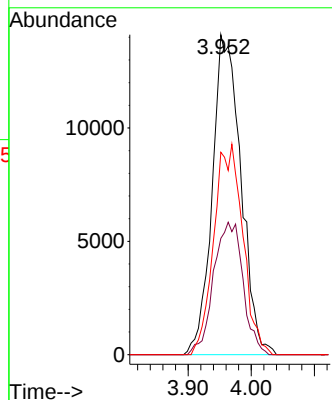
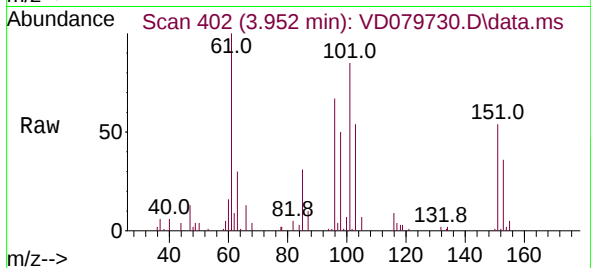




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.881 ug/l
RT: 3.952 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

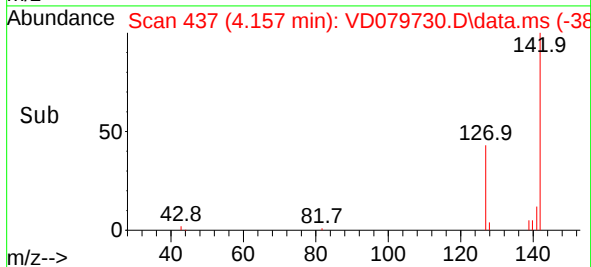
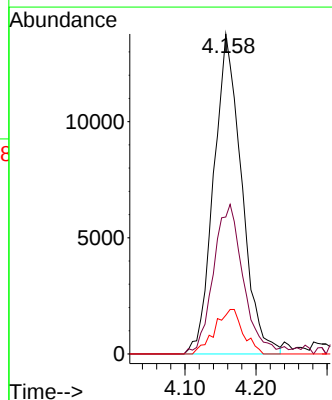
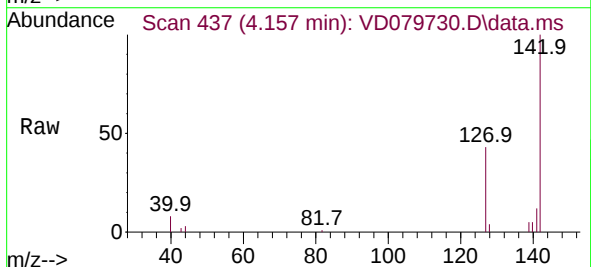
Instrument :
MSVOA_D
ClientSampleId :

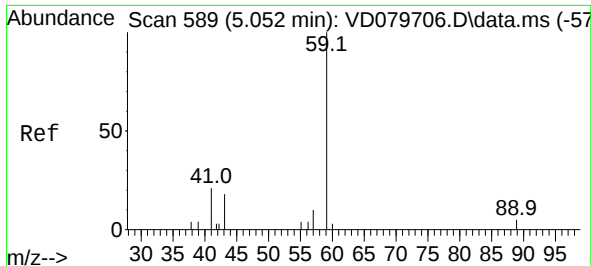
Tgt Ion:101 Resp: 44376
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 66.5 60.3 90.5



#10
Methyl Iodide
Concen: 16.528 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion:142 Resp: 37518
Ion Ratio Lower Upper
142 100
127 50.0 34.2 51.4
141 14.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 163.182 ug/l

RT: 5.057 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

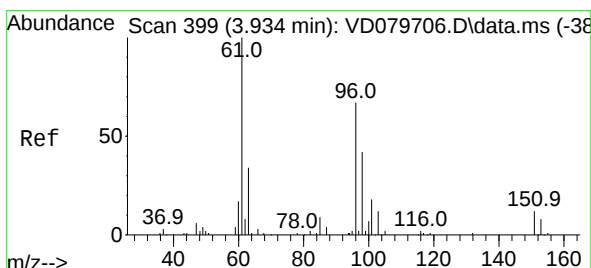
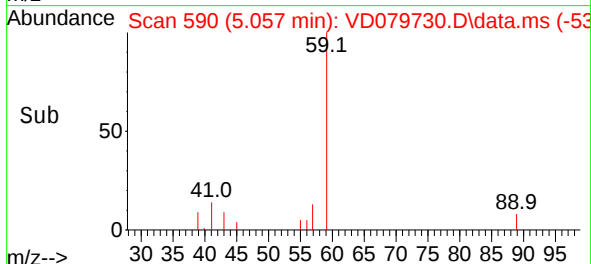
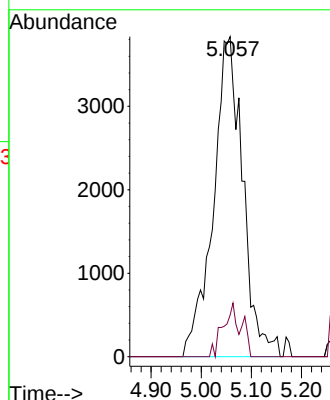
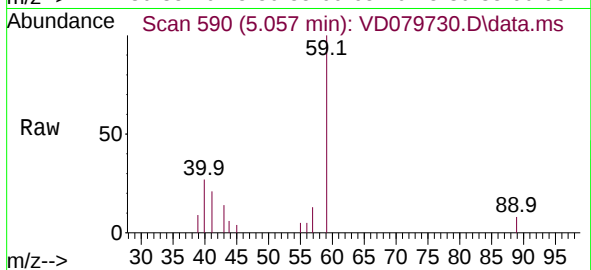
ClientSampleId :

Tgt Ion: 59 Resp: 15688

Ion Ratio Lower Upper

59 100

57 7.7 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 21.269 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

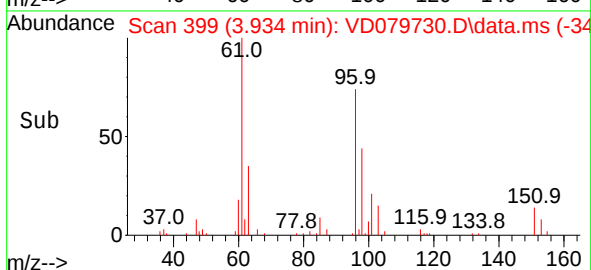
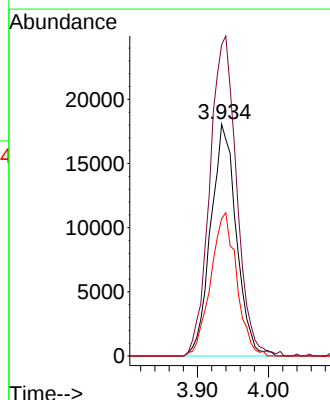
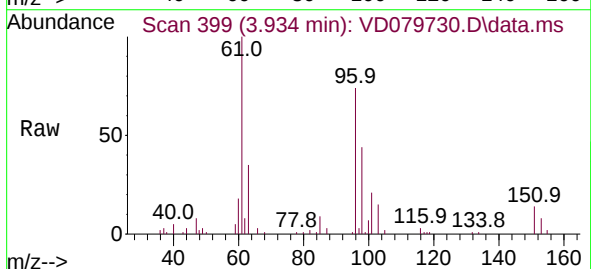
Tgt Ion: 96 Resp: 45102

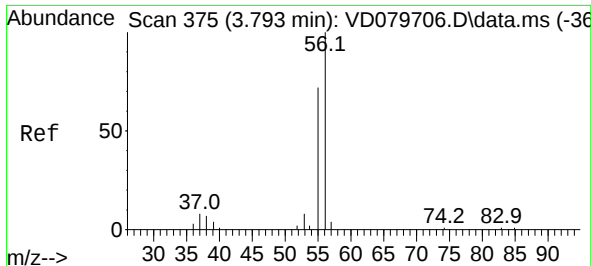
Ion Ratio Lower Upper

96 100

61 134.3 107.3 160.9

98 59.3 51.7 77.5





#13

Acrolein

Concen: 101.824 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

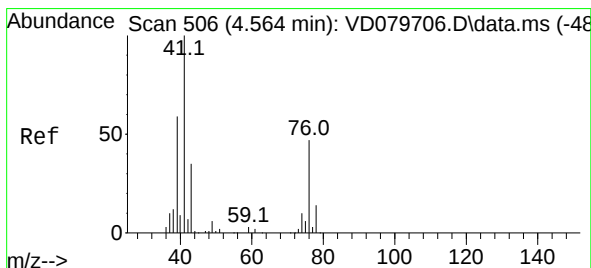
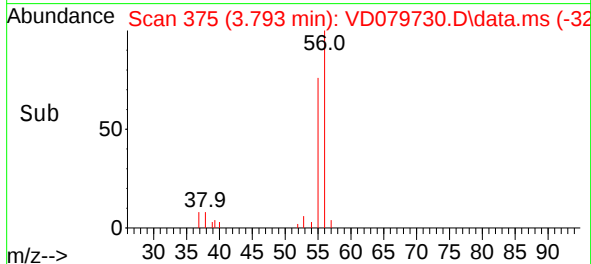
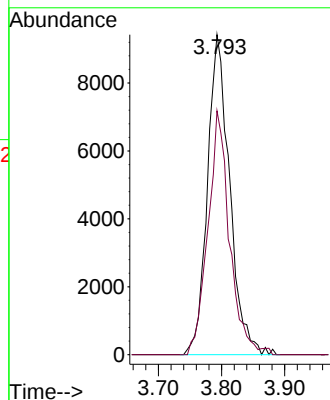
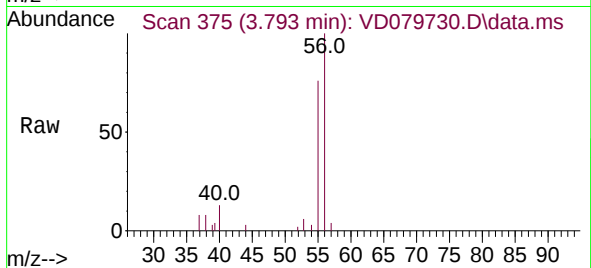
ClientSampleId :

Tgt Ion: 56 Resp: 22989

Ion Ratio Lower Upper

56 100

55 74.1 55.3 82.9



#14

Allyl chloride

Concen: 20.474 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

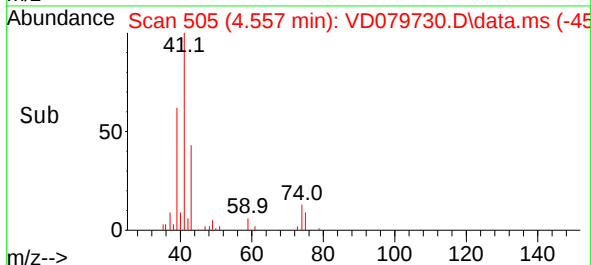
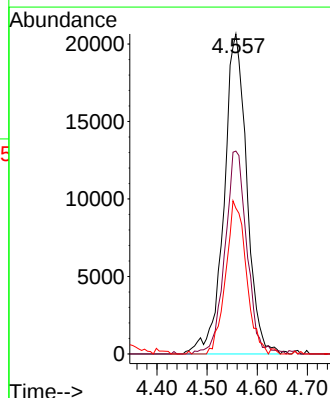
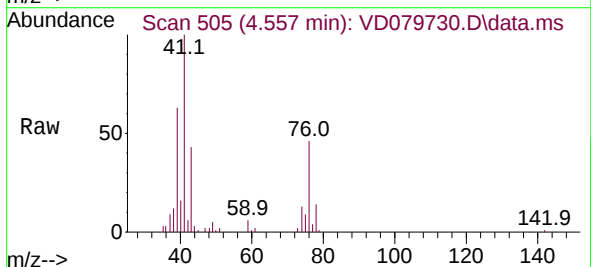
Tgt Ion: 41 Resp: 65120

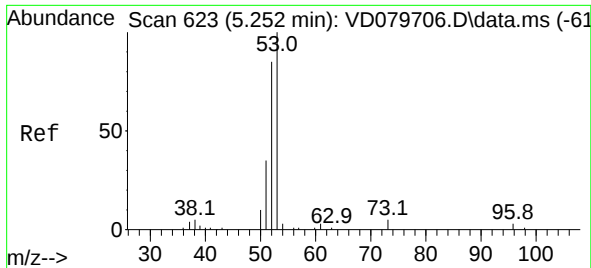
Ion Ratio Lower Upper

41 100

39 61.2 58.0 87.0

76 43.3 45.9 68.9#

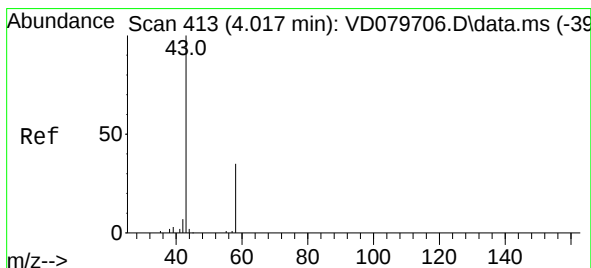
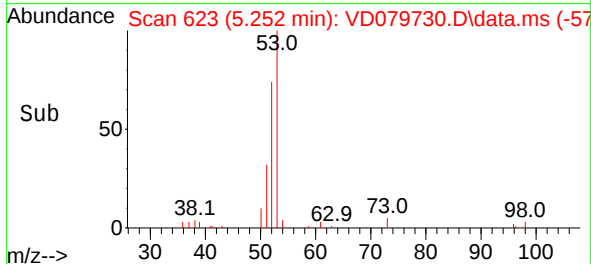
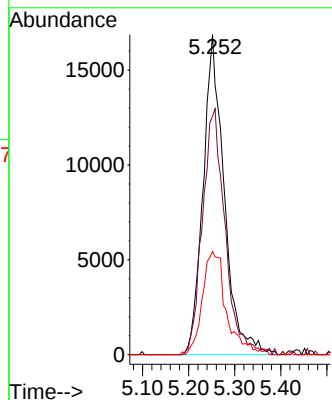
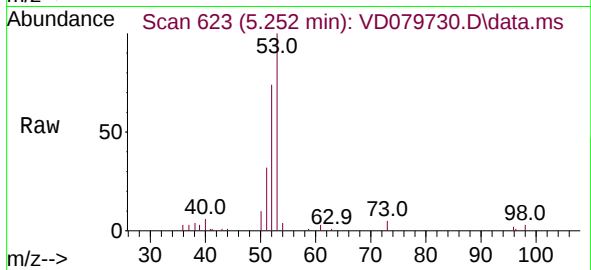




#15
Acrylonitrile
Concen: 108.690 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

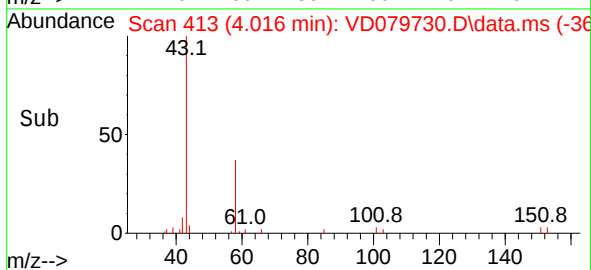
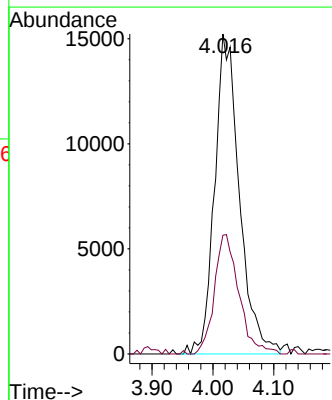
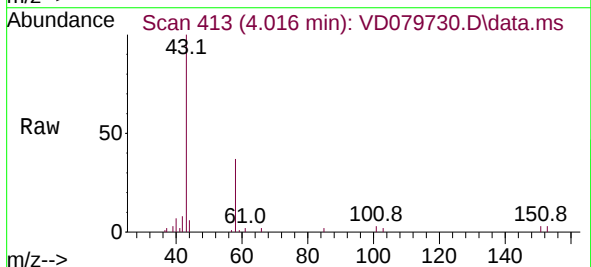
Instrument :
MSVOA_D
ClientSampleId :

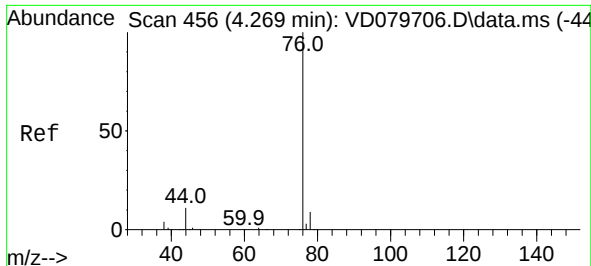
Tgt Ion: 53 Resp: 53899
Ion Ratio Lower Upper
53 100
52 81.8 67.7 101.5
51 36.2 28.6 42.8



#16
Acetone
Concen: 106.210 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 43 Resp: 42925
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

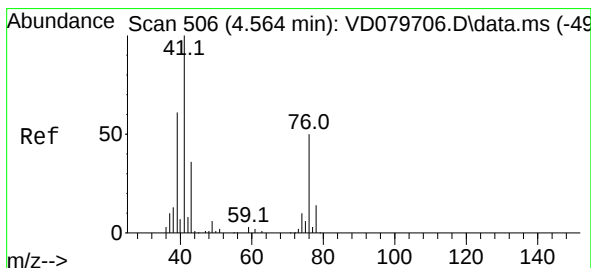
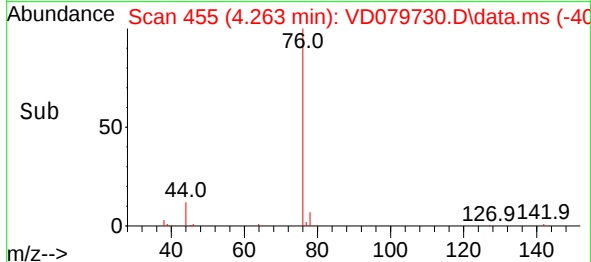
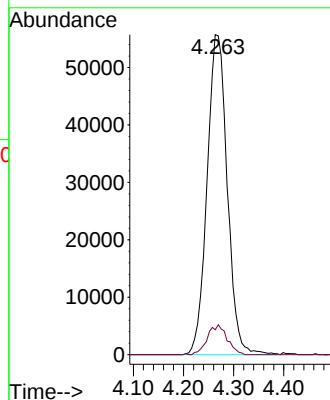
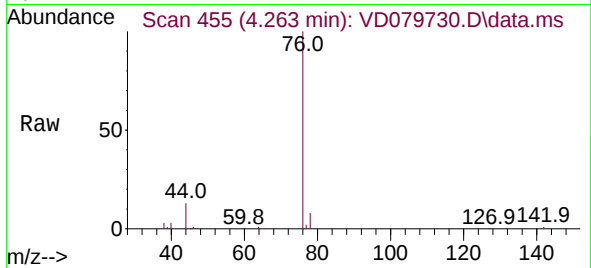




#17
Carbon Disulfide
Concen: 20.735 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

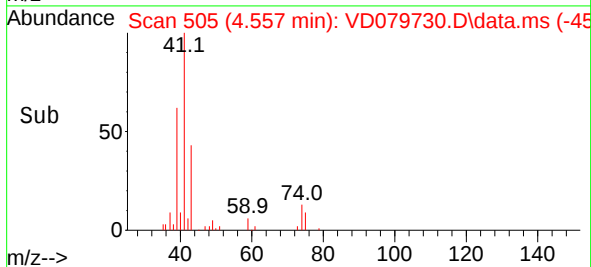
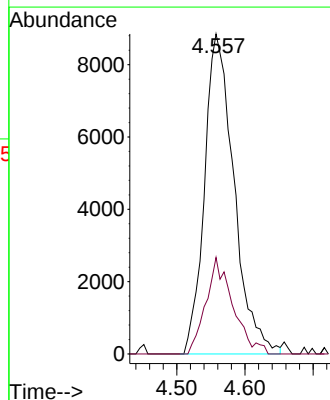
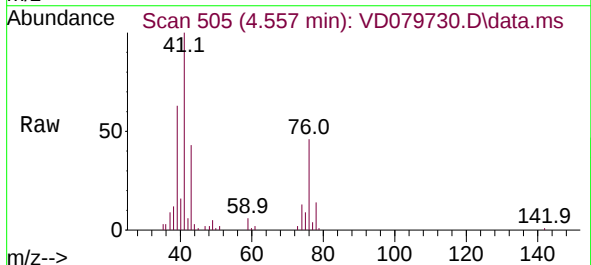
Instrument :
MSVOA_D
ClientSampleId :

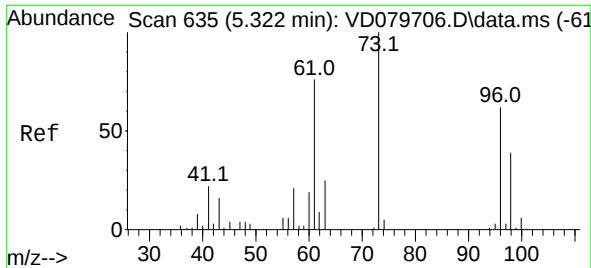
Tgt Ion: 76 Resp: 155868
Ion Ratio Lower Upper
76 100
78 7.8 6.9 10.3



#18
Methyl Acetate
Concen: 20.105 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 43 Resp: 26606
Ion Ratio Lower Upper
43 100
74 27.6 28.1 42.1#

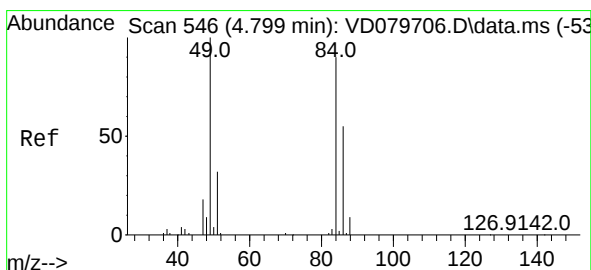
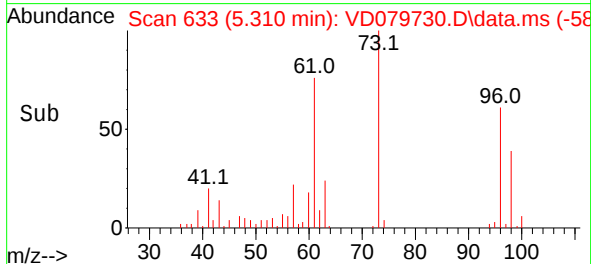
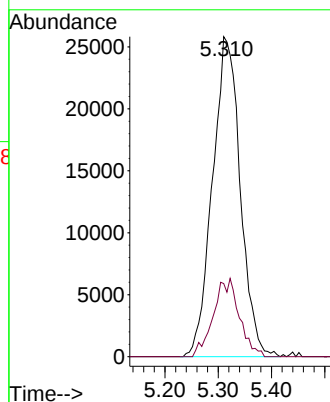
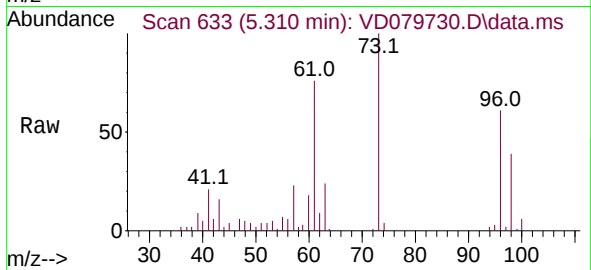




#19
Methyl tert-butyl Ether
Concen: 21.478 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

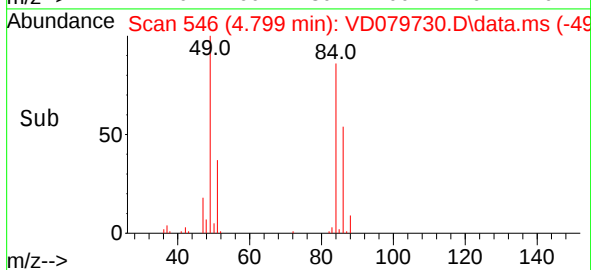
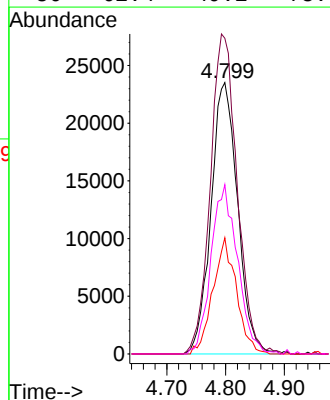
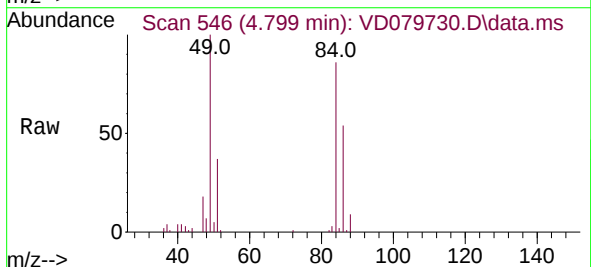
Instrument :
MSVOA_D
ClientSampleId :

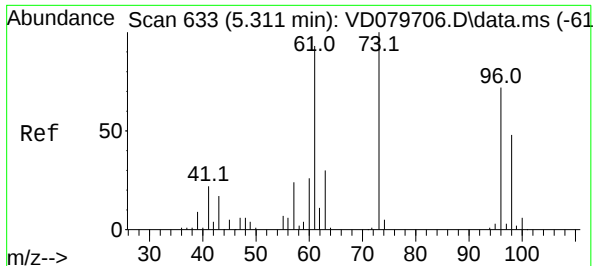
Tgt Ion: 73 Resp: 93519
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5



#20
Methylene Chloride
Concen: 24.631 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 84 Resp: 74088
Ion Ratio Lower Upper
84 100
49 116.3 75.6 113.4#
51 42.8 24.2 36.2#
86 62.4 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 20.942 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

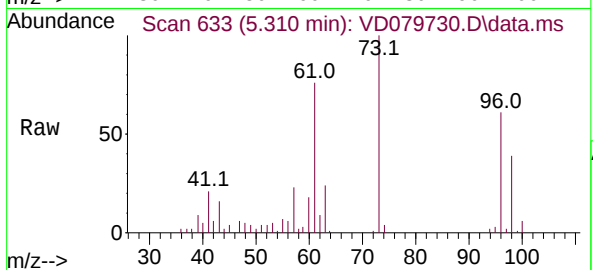
Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :



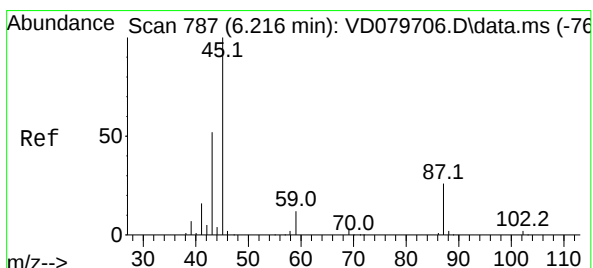
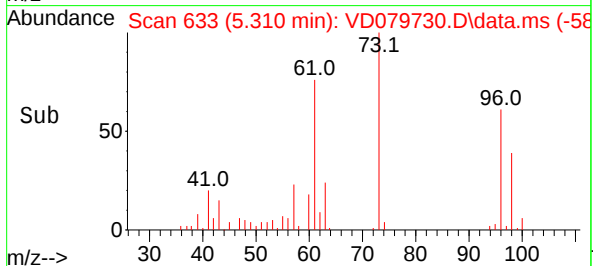
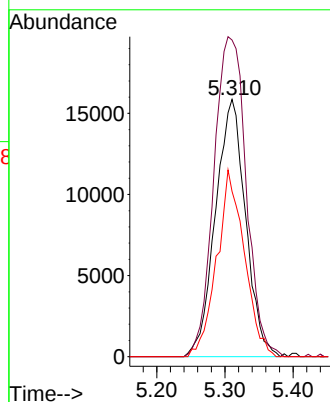
Tgt Ion: 96 Resp: 48758

Ion Ratio Lower Upper

96 100

61 123.1 84.5 126.7

98 64.3 50.5 75.7



#22

Diisopropyl ether

Concen: 21.655 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion: 45 Resp: 141937

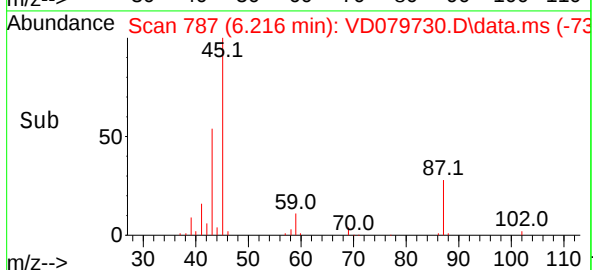
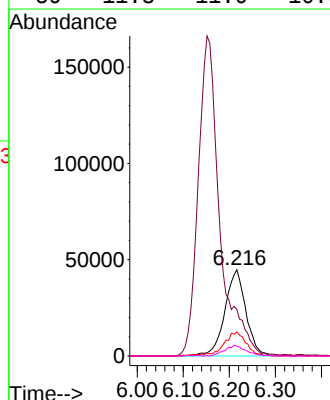
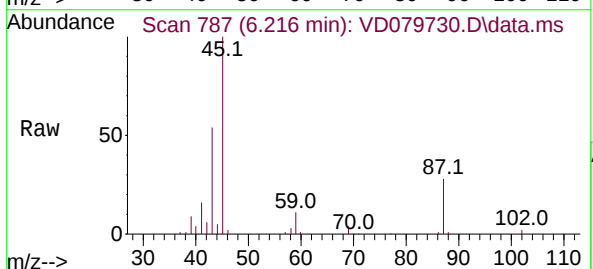
Ion Ratio Lower Upper

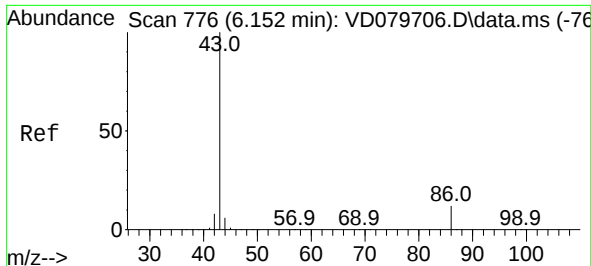
45 100

43 52.9 41.7 62.5

87 27.9 30.2 45.2#

59 11.3 11.0 16.6





#23

Vinyl Acetate

Concen: 112.764 ug/l

RT: 6.152 min Scan# 776

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

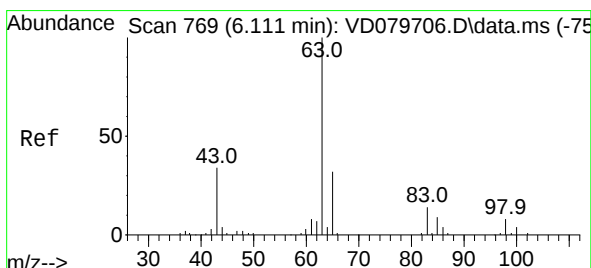
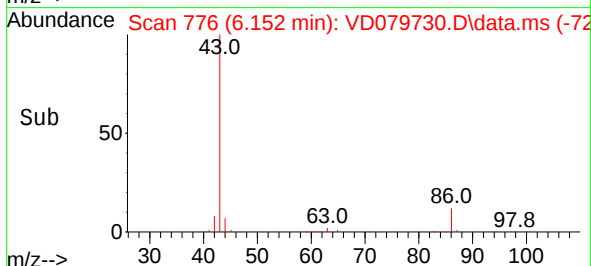
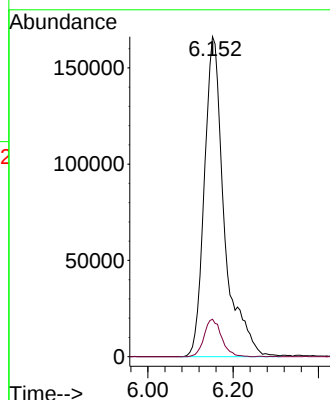
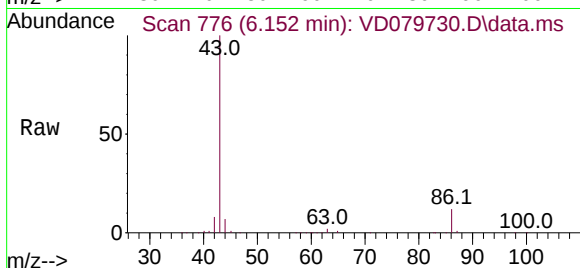
ClientSampleId :

Tgt Ion: 43 Resp: 541752

Ion Ratio Lower Upper

43 100

86 11.7 12.3 18.5#



#24

1,1-Dichloroethane

Concen: 20.394 ug/l

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

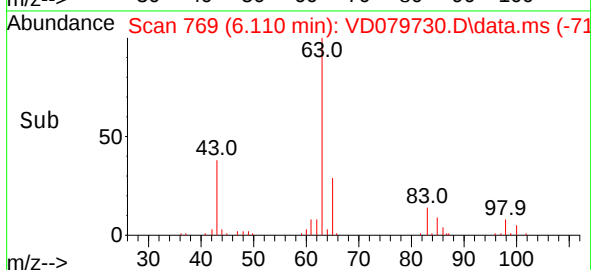
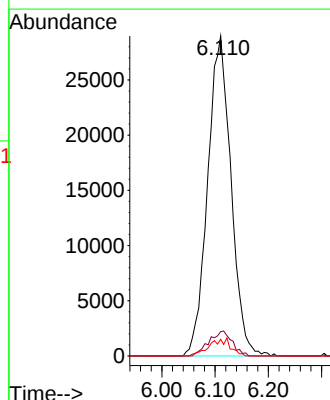
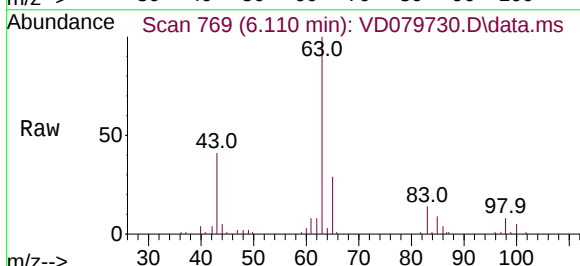
Tgt Ion: 63 Resp: 88363

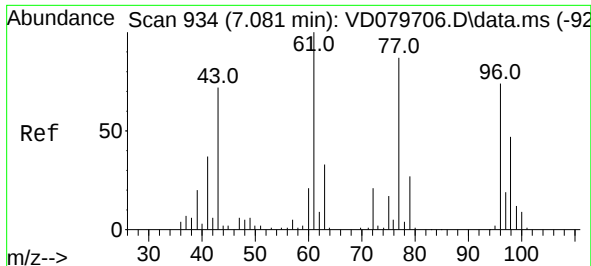
Ion Ratio Lower Upper

63 100

98 7.6 4.7 14.0

100 5.2 2.9 8.6

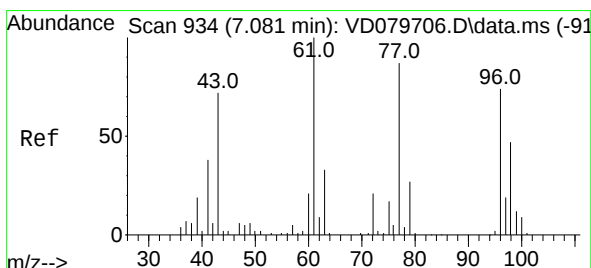
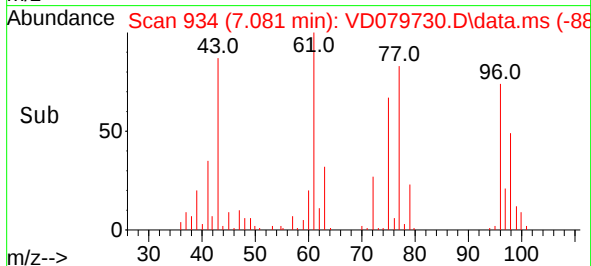
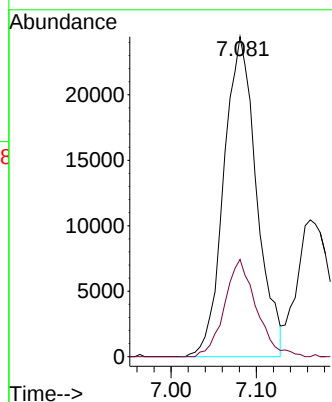
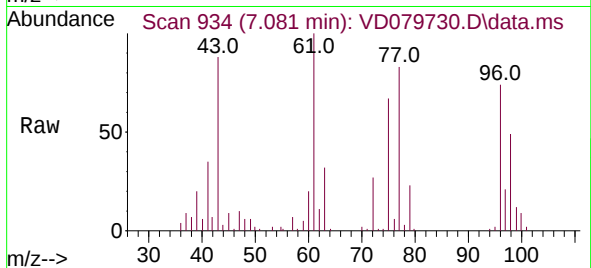




#25
2-Butanone
Concen: 109.337 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

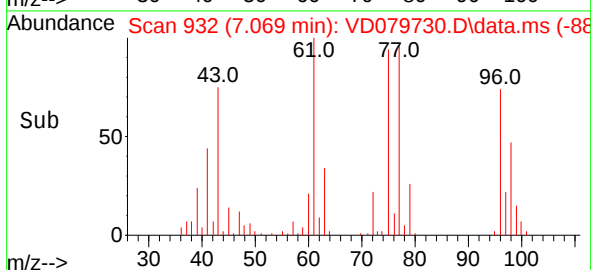
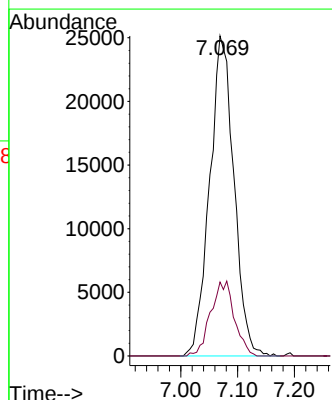
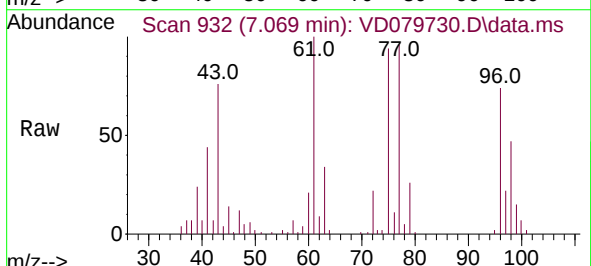
Instrument :
MSVOA_D
ClientSampleId :

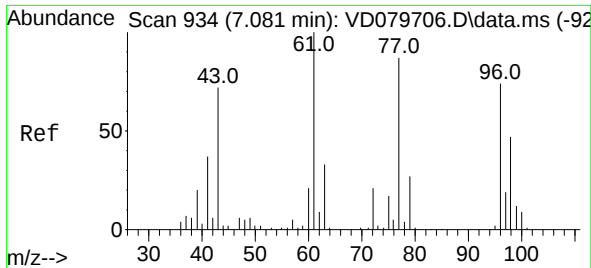
Tgt Ion: 43 Resp: 65291
Ion Ratio Lower Upper
43 100
72 30.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 21.805 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 77 Resp: 74616
Ion Ratio Lower Upper
77 100
97 22.8 12.4 37.2

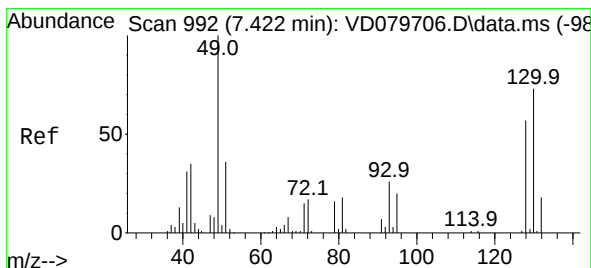
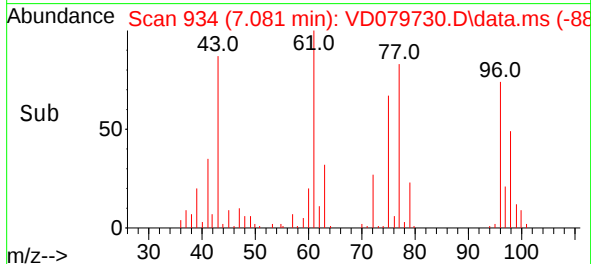
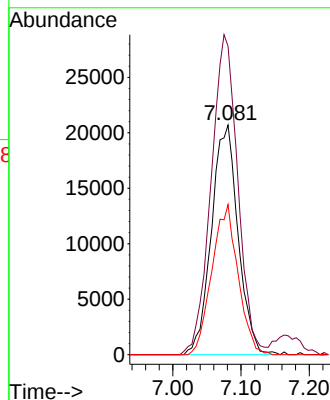
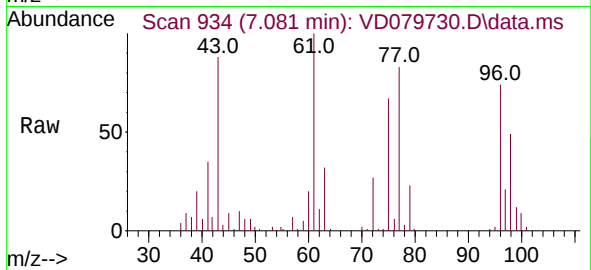




#27
 cis-1,2-Dichloroethene
 Concen: 20.848 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

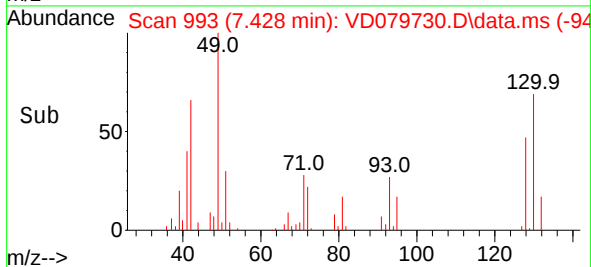
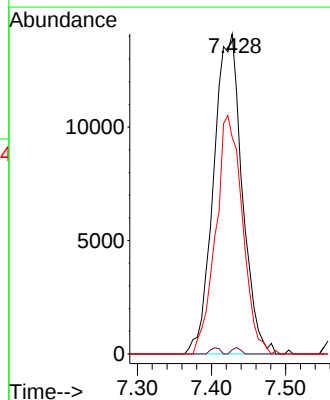
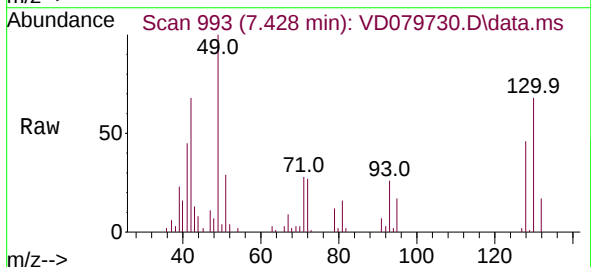
Instrument :
 MSVOA_D
 ClientSampleId :

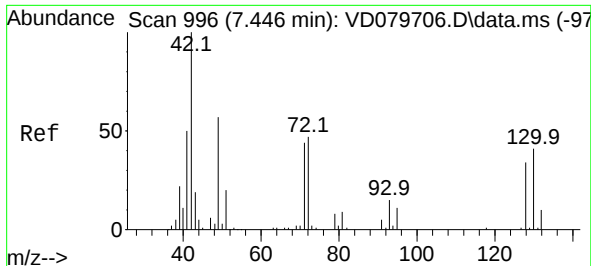
Tgt Ion: 96 Resp: 56303
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 229.0
 98 64.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 20.446 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

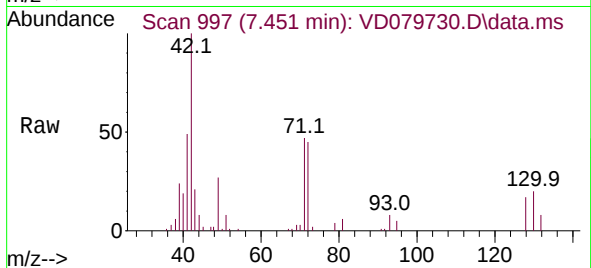
Tgt Ion: 49 Resp: 37687
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 7.0
 130 69.9 87.7 131.5#



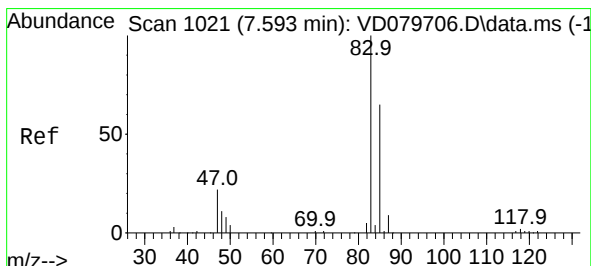
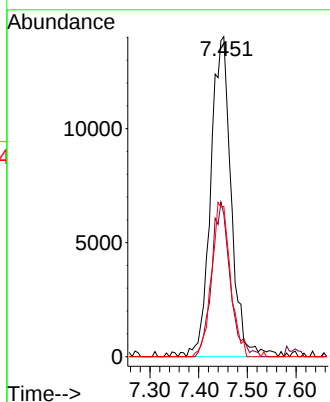
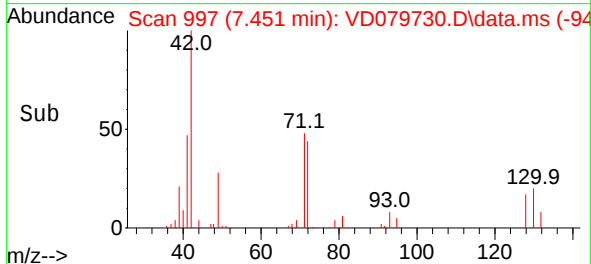


#29
Tetrahydrofuran
Concen: 113.279 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

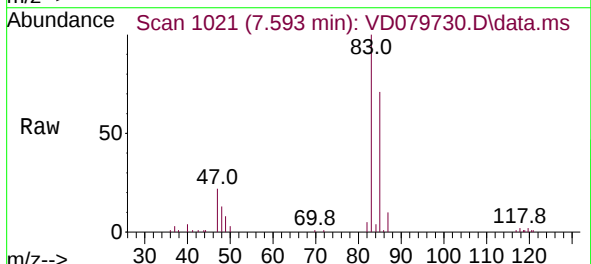
Instrument :
MSVOA_D
ClientSampleId :



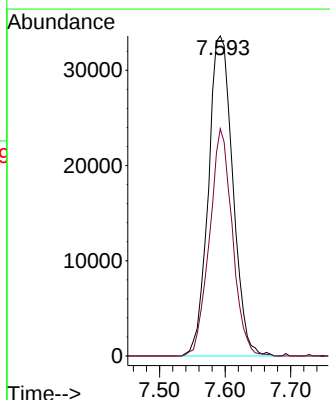
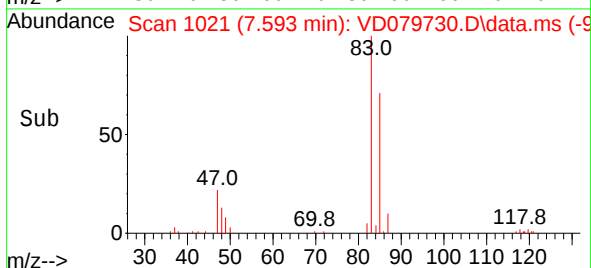
Tgt Ion: 42 Resp: 41122
Ion Ratio Lower Upper
42 100
72 43.8 49.4 74.0#
71 43.8 45.0 67.6#

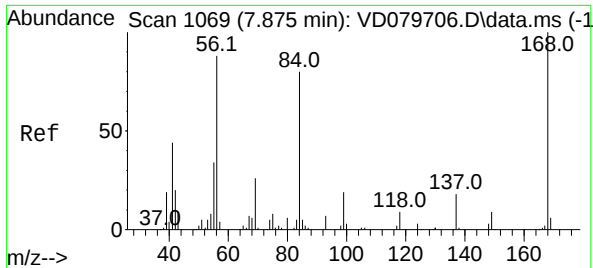


#30
Chloroform
Concen: 20.660 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25



Tgt Ion: 83 Resp: 86928
Ion Ratio Lower Upper
83 100
85 71.0 51.8 77.6

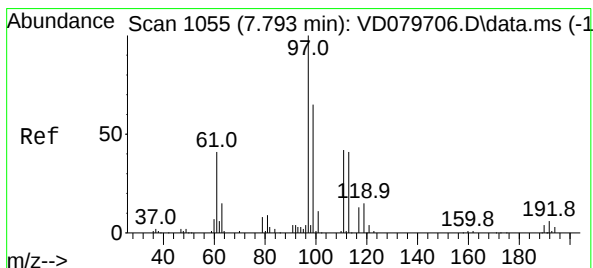
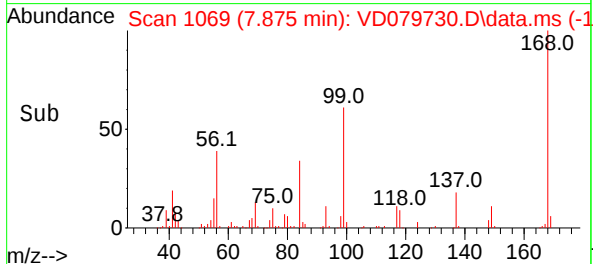
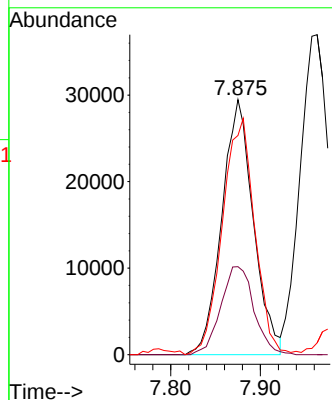
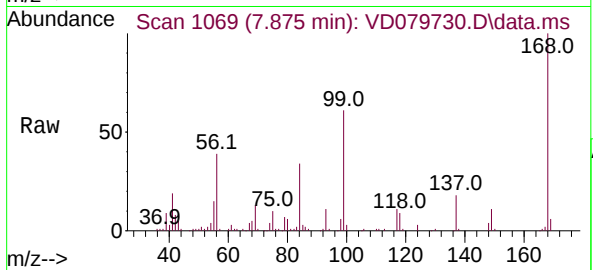




#31
Cyclohexane
Concen: 20.321 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

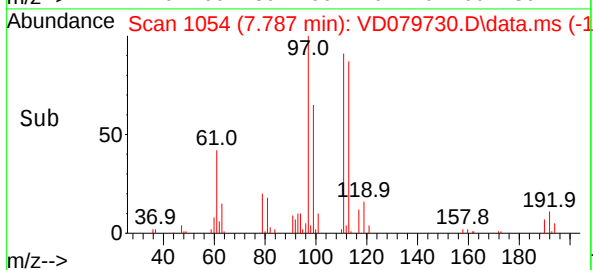
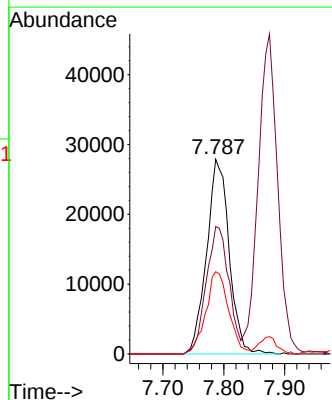
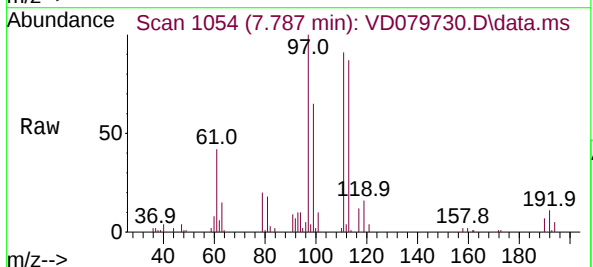
Instrument :
MSVOA_D
ClientSampleId :

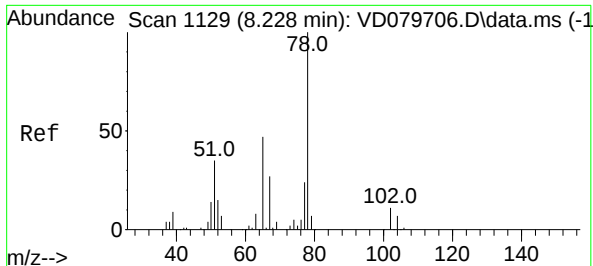
Tgt Ion: 56 Resp: 72093
Ion Ratio Lower Upper
56 100
69 34.5 28.0 42.0
84 84.5 87.4 131.0#



#32
1,1,1-Trichloroethane
Concen: 20.597 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 97 Resp: 71696
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 43.0 31.4 47.2

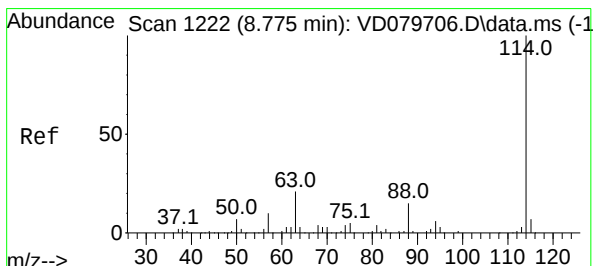
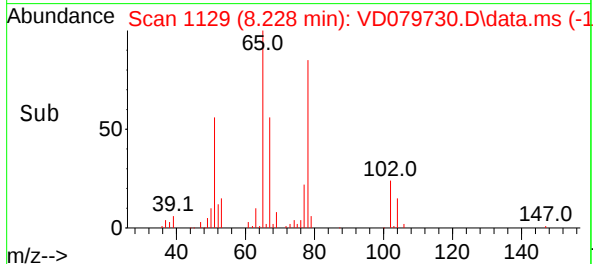
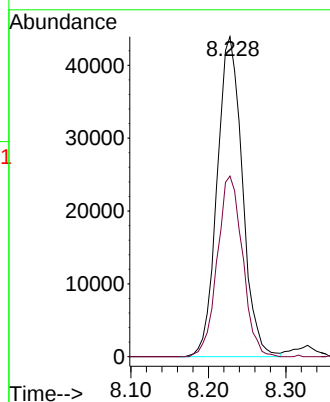
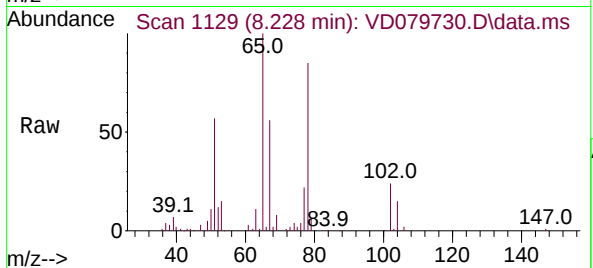




#33
1,2-Dichloroethane-d4
Concen: 51.341 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

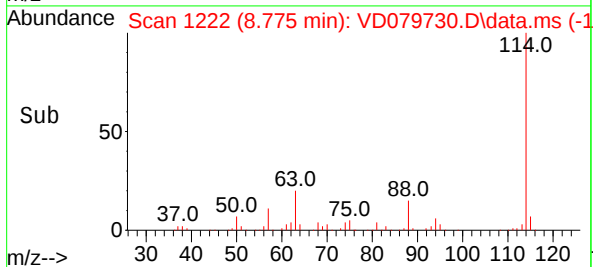
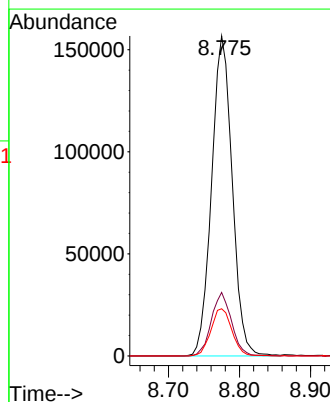
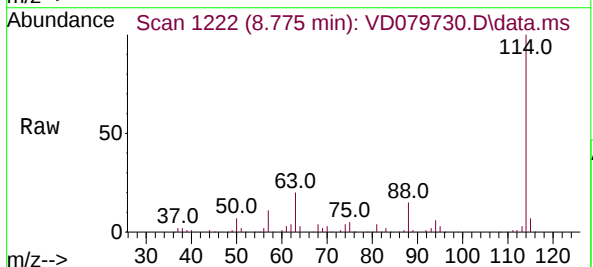
Instrument :
MSVOA_D
ClientSampleId :

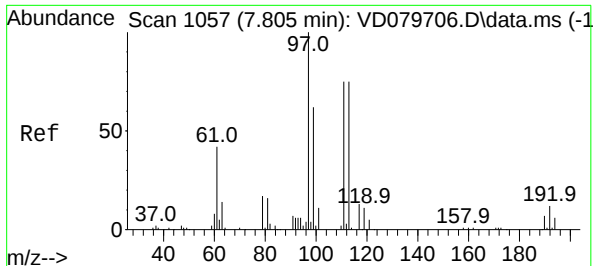
Tgt Ion: 65 Resp: 99651
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

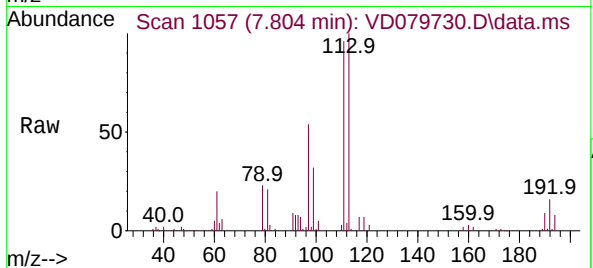
Tgt Ion:114 Resp: 315459
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.0
88 14.8 0.0 27.2



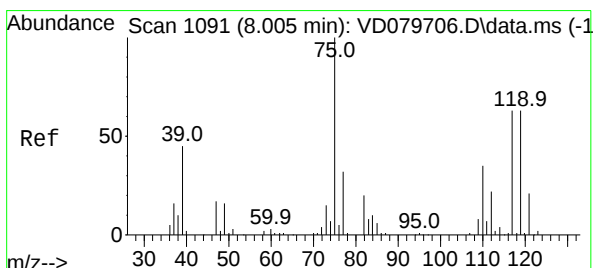
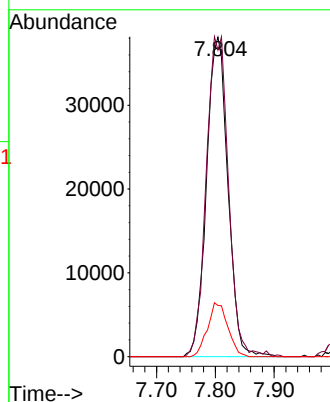
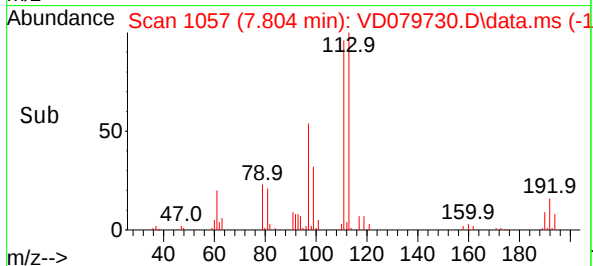


#35
Dibromofluoromethane
Concen: 49.583 ug/l
RT: 7.804 min Scan# 1090
Delta R.T. -0.001 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Instrument :
MSVOA_D
ClientSampleId :

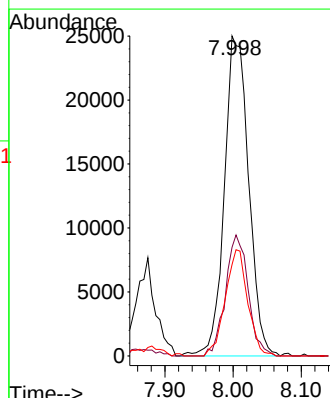
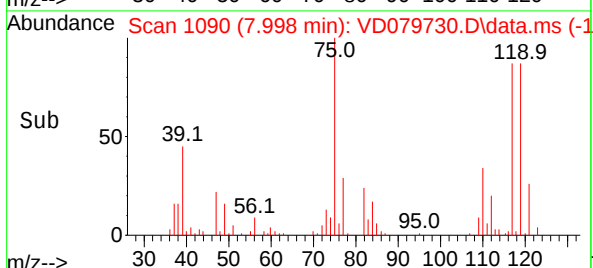
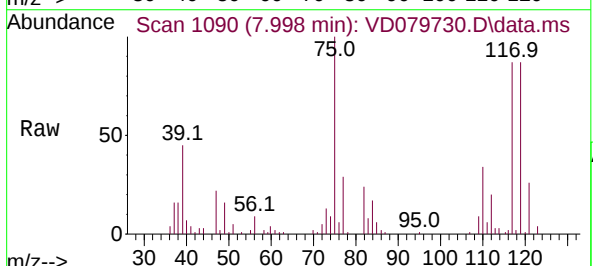


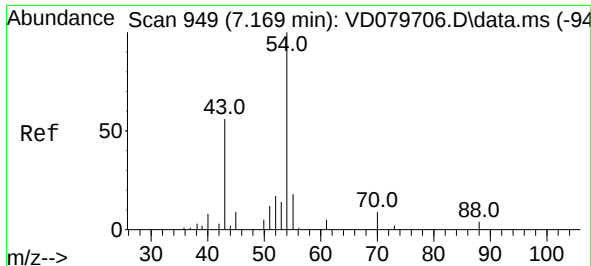
Tgt Ion:113 Resp: 96427
Ion Ratio Lower Upper
113 100
111 104.0 84.0 126.0
192 16.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.597 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 75 Resp: 62091
Ion Ratio Lower Upper
75 100
110 35.2 19.6 58.7
77 30.6 26.1 39.1





#37

Ethyl Acetate

Concen: 21.627 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079730.D

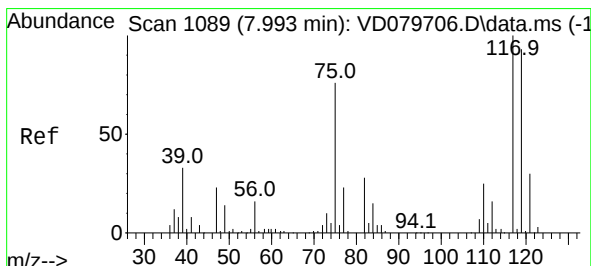
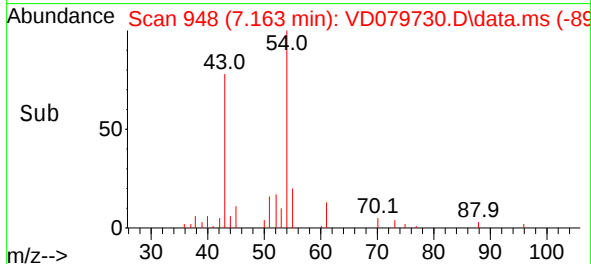
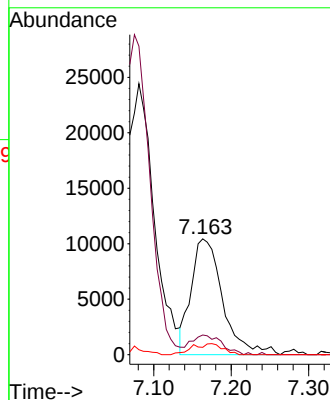
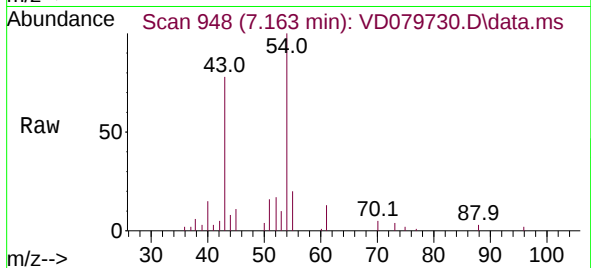
Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	29505
Ion Ratio	Lower	Upper	
43	100		
61	16.2	13.9	20.9
70	9.2	9.8	14.6#



#38

Carbon Tetrachloride

Concen: 21.059 ug/l

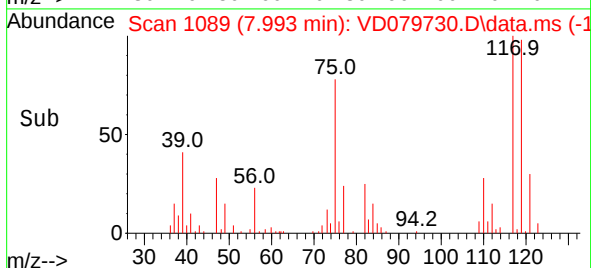
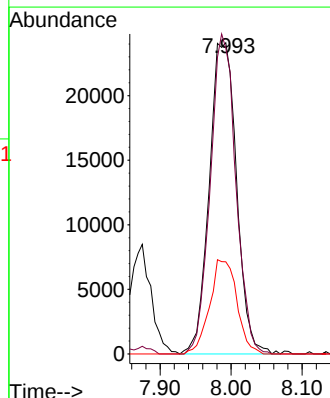
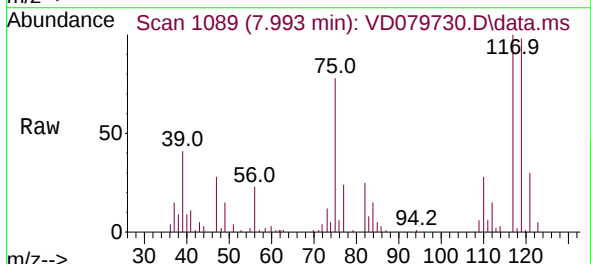
RT: 7.993 min Scan# 1089

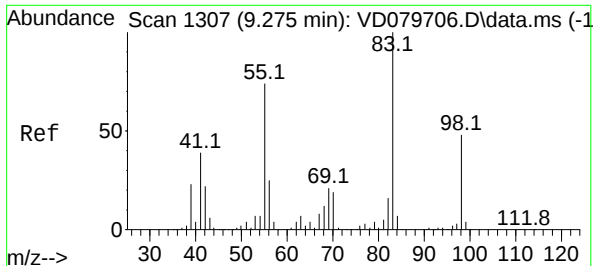
Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:	117	Resp:	64437
Ion Ratio	Lower	Upper	
117	100		
119	98.2	75.4	113.0
121	29.6	25.0	37.4





#39

Methylcyclohexane

Concen: 20.801 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

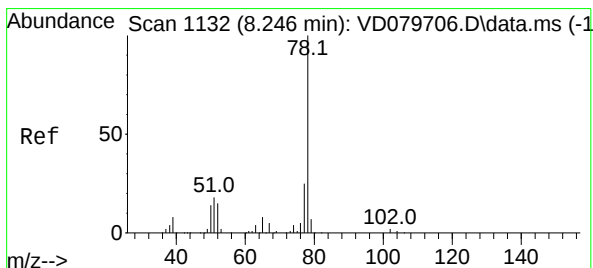
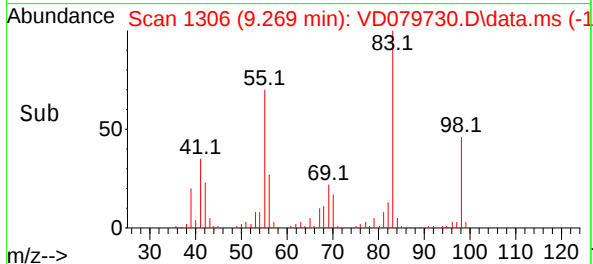
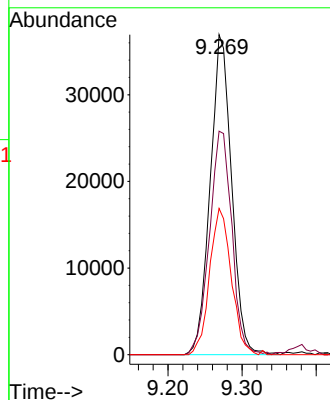
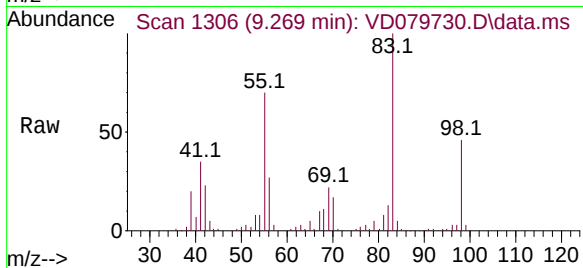
Tgt Ion: 83 Resp: 74116

Ion Ratio Lower Upper

83 100

55 69.9 50.1 75.1

98 45.7 41.9 62.9



#40

Benzene

Concen: 20.726 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD079730.D

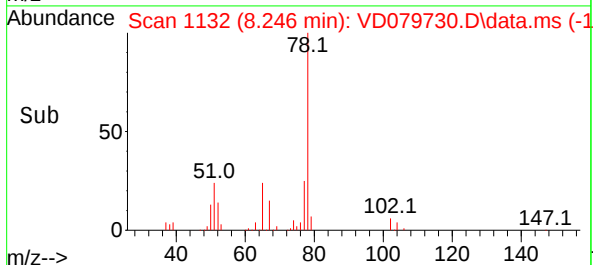
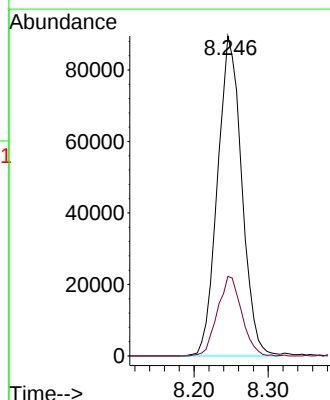
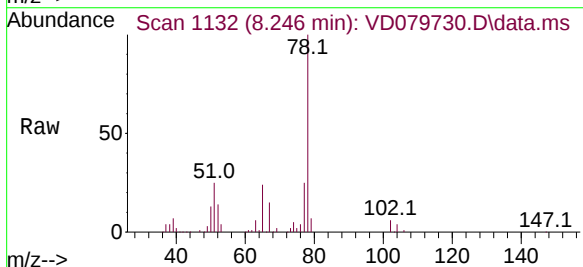
Acq: 14 Aug 2024 11:25

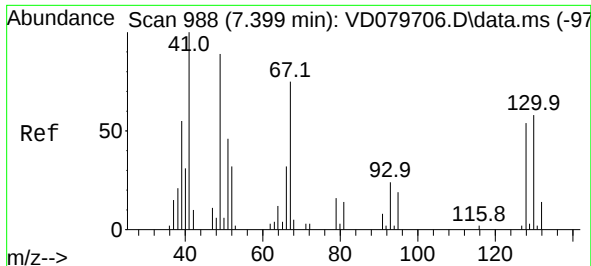
Tgt Ion: 78 Resp: 203200

Ion Ratio Lower Upper

78 100

77 24.9 18.1 27.1

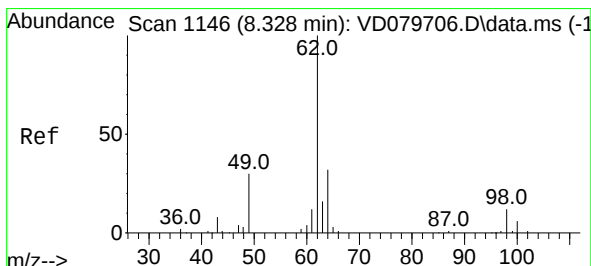
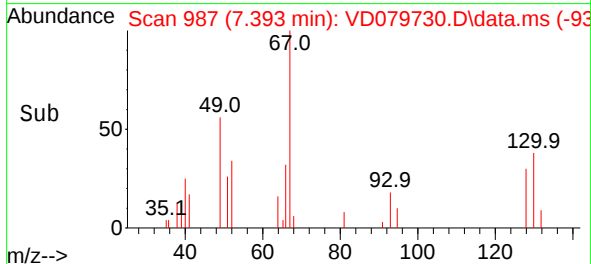
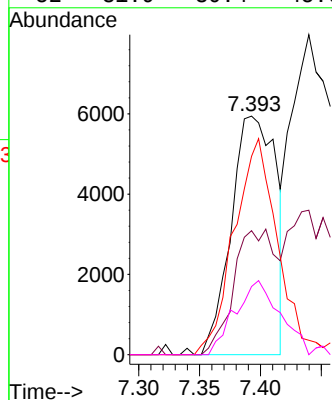
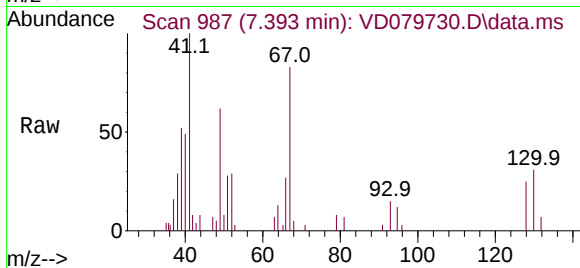




#41
Methacrylonitrile
Concen: 21.258 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

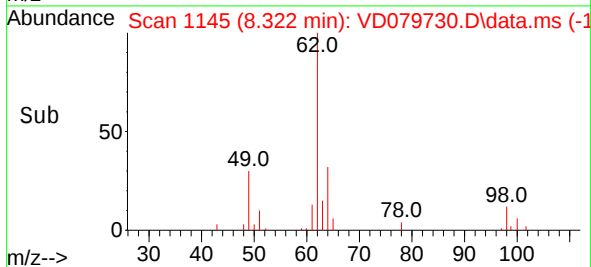
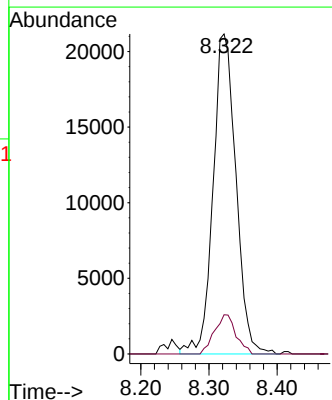
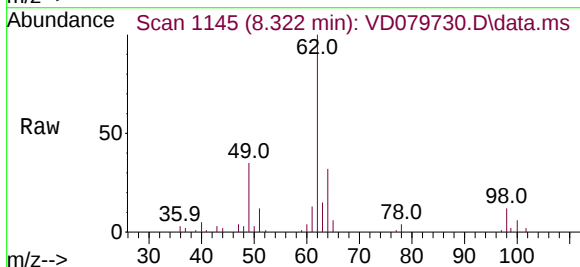
Instrument :
MSVOA_D
ClientSampleId :

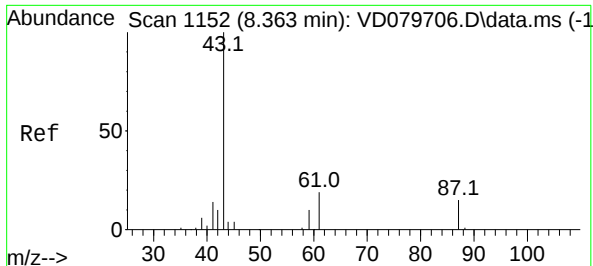
Tgt Ion: 41	Resp: 15274
Ion Ratio	Lower Upper
41 100	
39 50.2	41.4 62.0
67 88.5	85.8 128.6
52 31.9	30.4 45.6



#42
1,2-Dichloroethane
Concen: 21.824 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 62	Resp: 49459
Ion Ratio	Lower Upper
62 100	
98 11.5	0.0 25.8





#43

Isopropyl Acetate

Concen: 21.891 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD079730.D

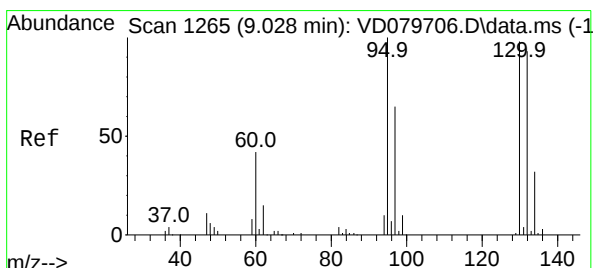
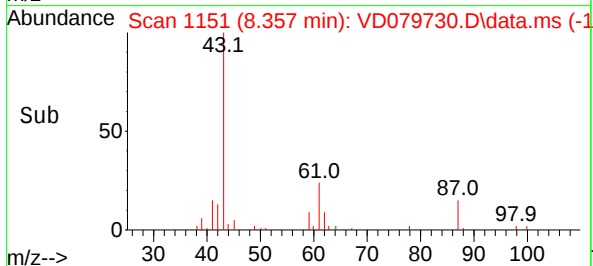
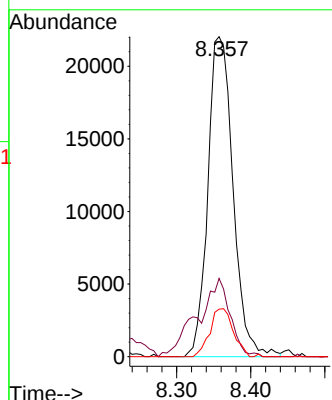
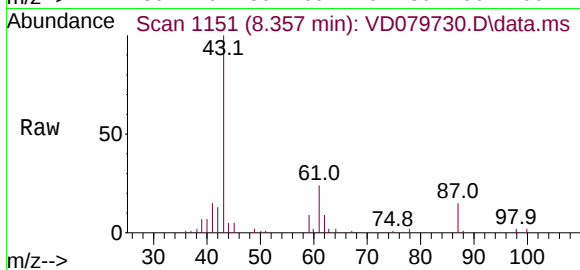
Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	52084
Ion Ratio	Lower	Upper	
43	100		
61	21.2	29.3	43.9#
87	13.9	14.9	22.3#



#44

Trichloroethene

Concen: 20.603 ug/l

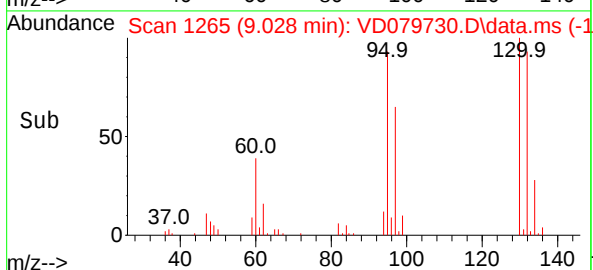
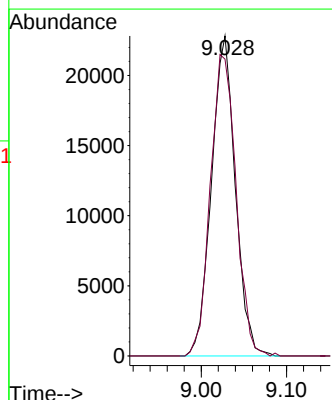
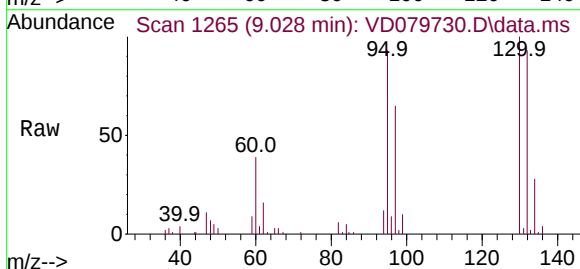
RT: 9.028 min Scan# 1265

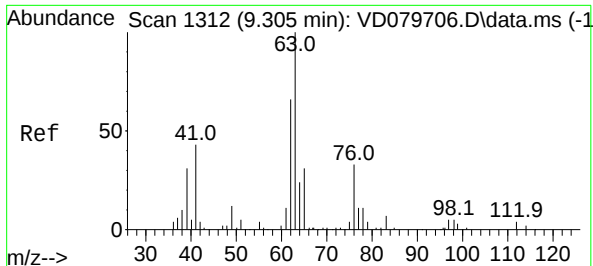
Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:	130	Resp:	44366
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	177.8

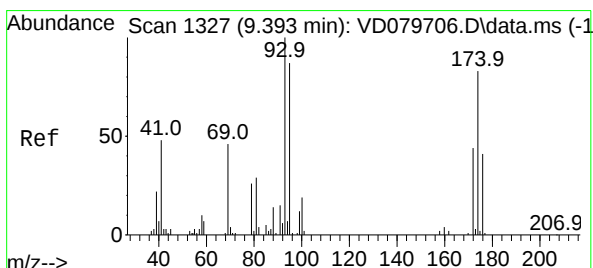
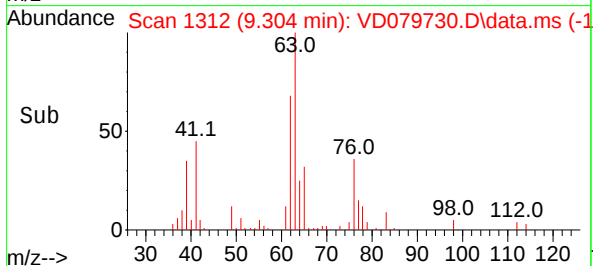
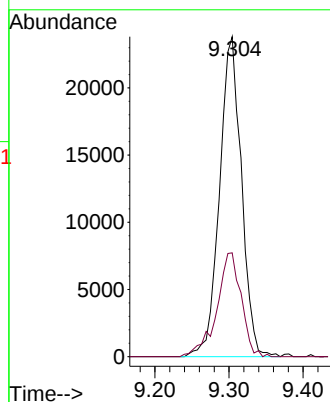
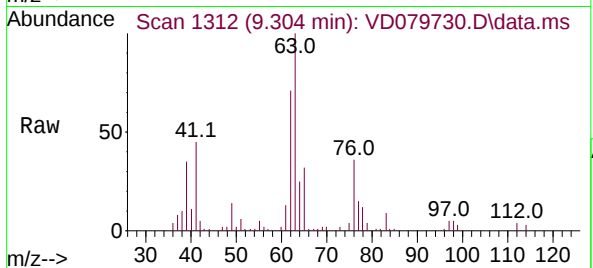




#45
1,2-Dichloropropane
Concen: 20.278 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

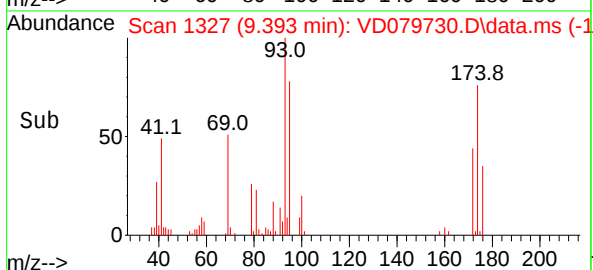
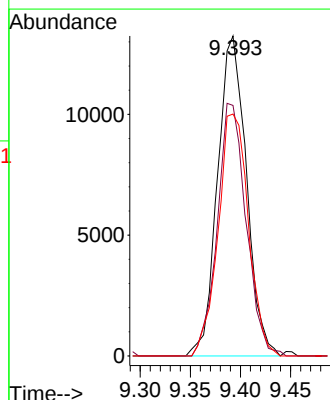
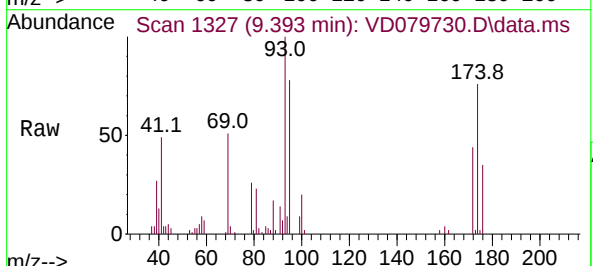
Instrument :
MSVOA_D
ClientSampleId :

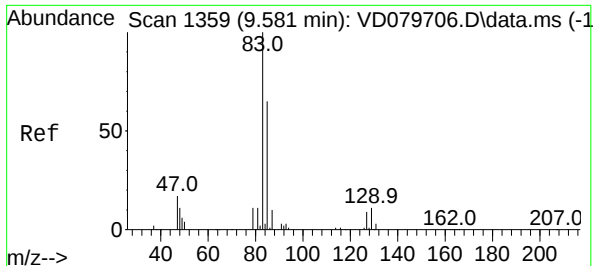
Tgt Ion: 63 Resp: 48935
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.8



#46
Dibromomethane
Concen: 21.607 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 93 Resp: 26399
Ion Ratio Lower Upper
93 100
95 79.0 65.6 98.4
174 79.6 82.3 123.5#





#47

Bromodichloromethane

Concen: 20.626 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

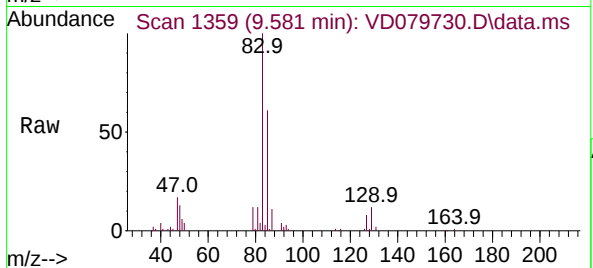
Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :



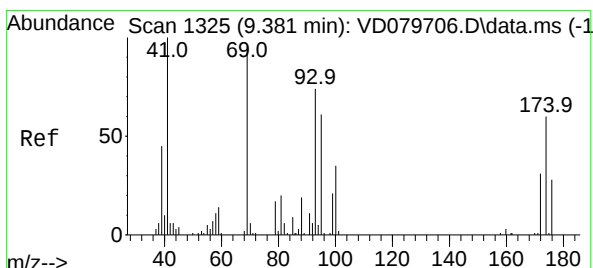
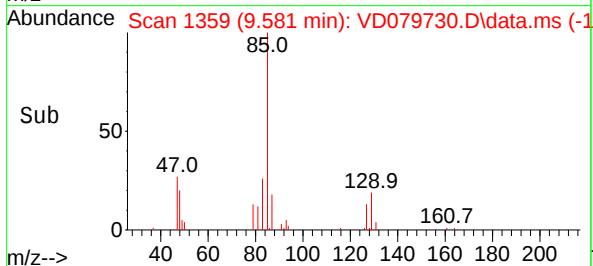
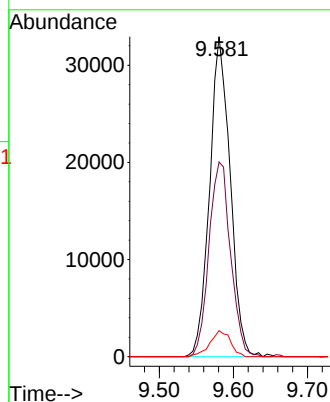
Tgt Ion: 83 Resp: 63524

Ion Ratio Lower Upper

83 100

85 60.9 50.1 75.1

127 8.1 6.8 10.2



#48

Methyl methacrylate

Concen: 21.971 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

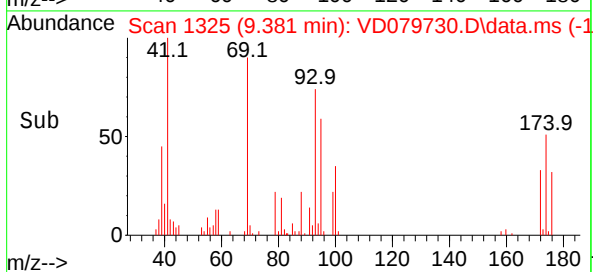
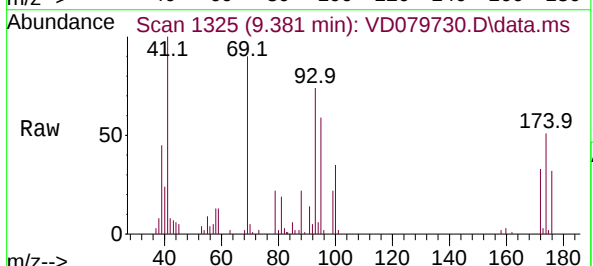
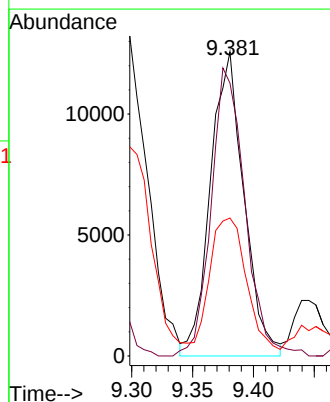
Tgt Ion: 41 Resp: 24044

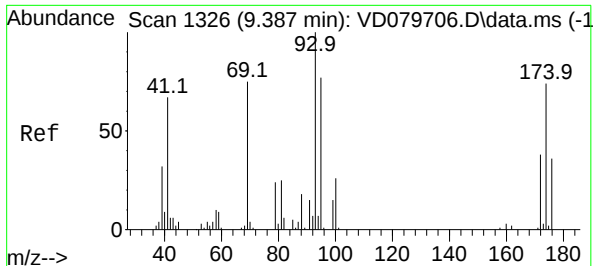
Ion Ratio Lower Upper

41 100

69 95.7 96.7 145.1#

39 46.7 43.8 65.6





#49

1,4-Dioxane

Concen: 504.540 ug/l

RT: 9.381 min Scan# 1475

Delta R.T. -0.006 min

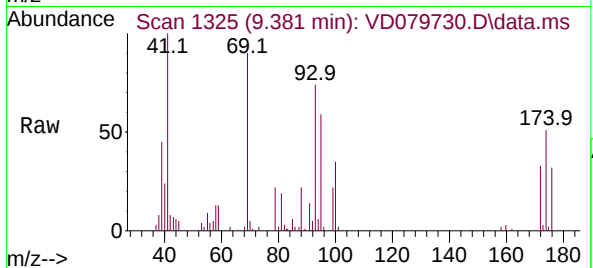
Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :



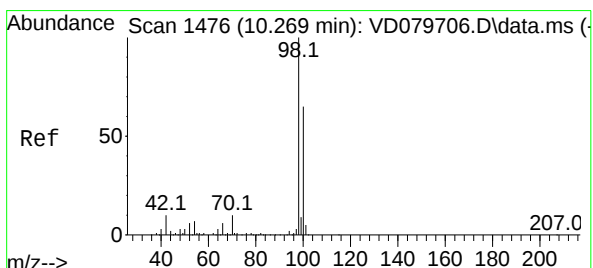
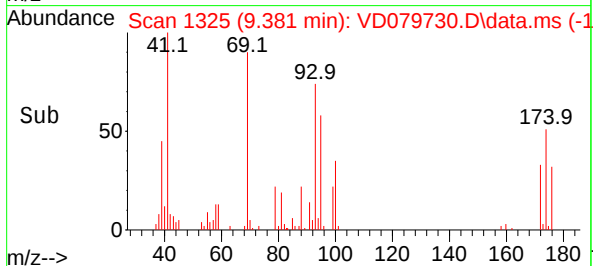
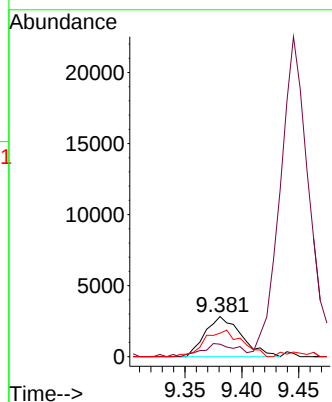
Tgt Ion: 88 Resp: 6204

Ion Ratio Lower Upper

88 100

43 31.4 21.5 32.3

58 68.9 42.2 63.4#



#50

Toluene-d8

Concen: 51.888 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079730.D

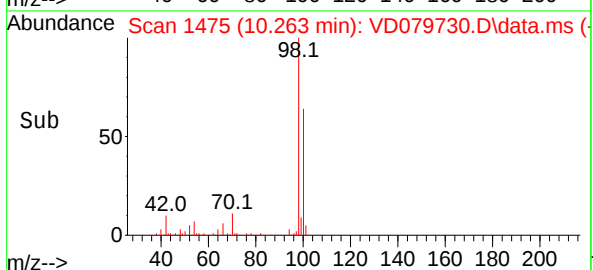
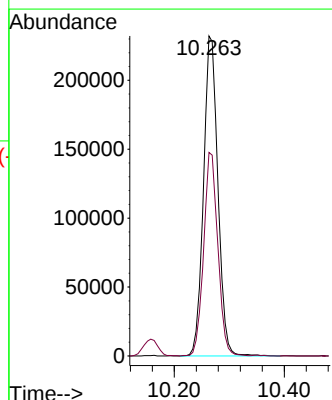
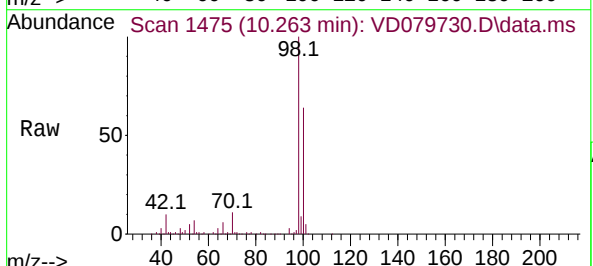
Acq: 14 Aug 2024 11:25

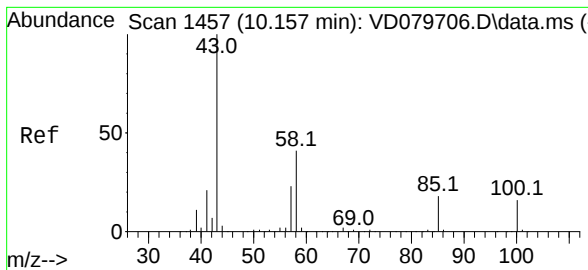
Tgt Ion: 98 Resp: 421755

Ion Ratio Lower Upper

98 100

100 62.8 51.6 77.4

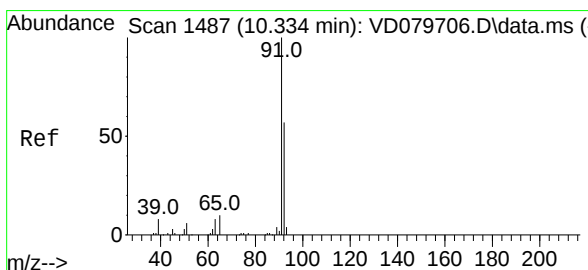
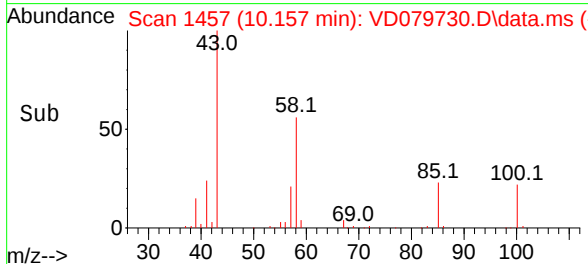
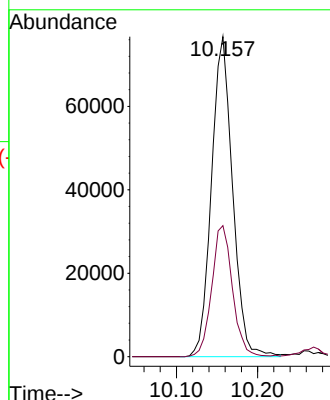
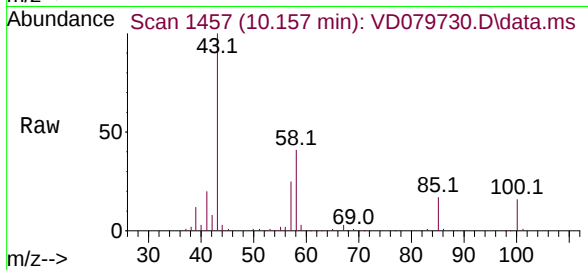




#51
4-Methyl-2-Pentanone
Concen: 113.243 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

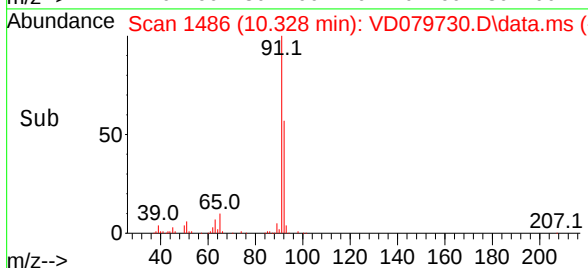
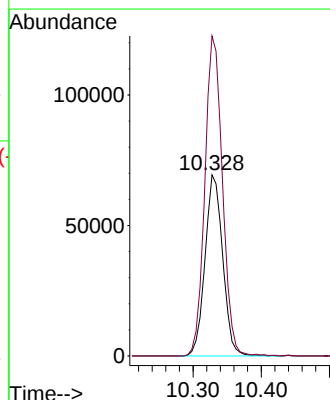
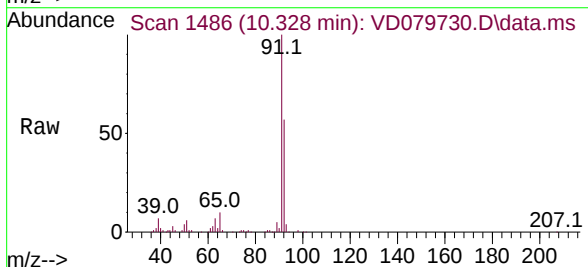
Instrument :
MSVOA_D
ClientSampleId :

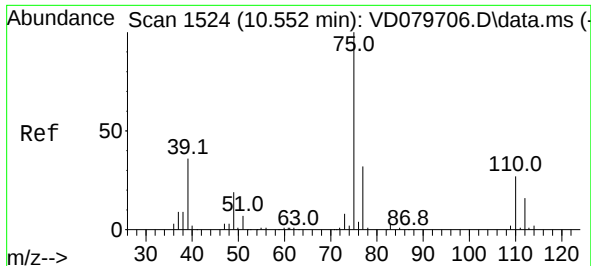
Tgt Ion: 43 Resp: 138616
Ion Ratio Lower Upper
43 100
58 40.2 36.6 55.0



#52
Toluene
Concen: 21.295 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 92 Resp: 125197
Ion Ratio Lower Upper
92 100
91 176.2 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 21.039 ug/l

RT: 10.551 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

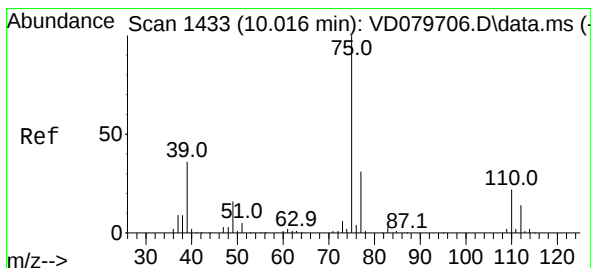
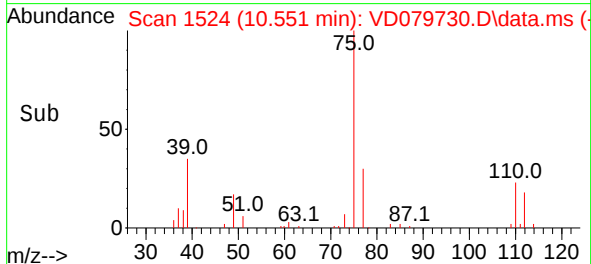
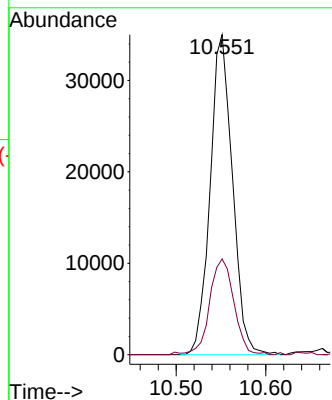
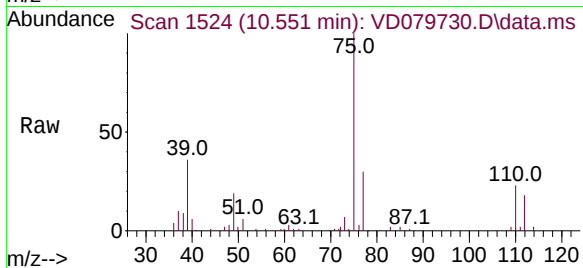
ClientSampleId :

Tgt Ion: 75 Resp: 60570

Ion Ratio Lower Upper

75 100

77 29.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.600 ug/l

RT: 10.010 min Scan# 1432

Delta R.T. -0.006 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

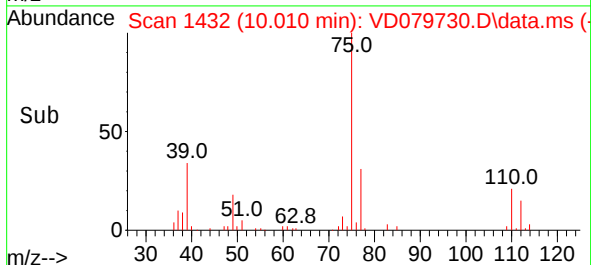
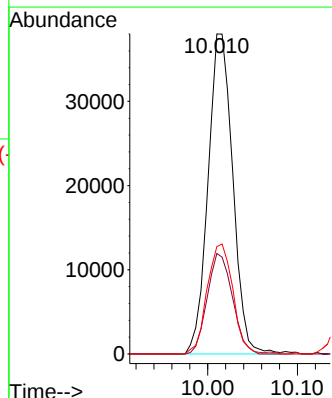
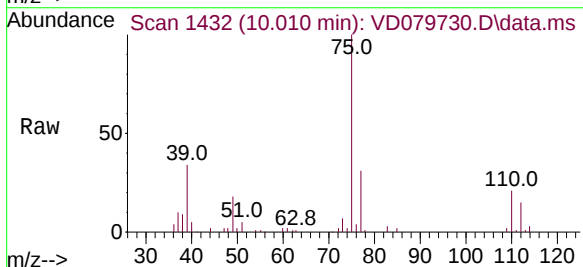
Tgt Ion: 75 Resp: 72789

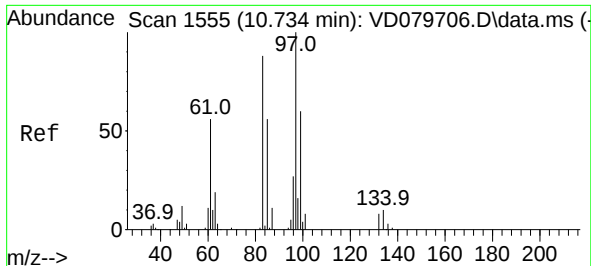
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 33.6 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 21.613 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

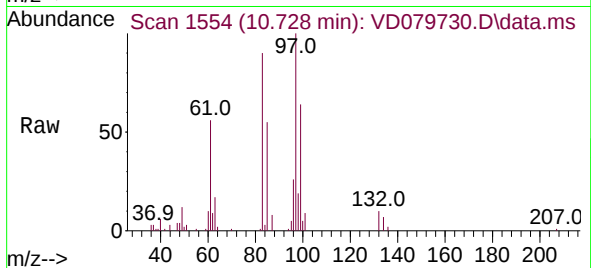
Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 35200

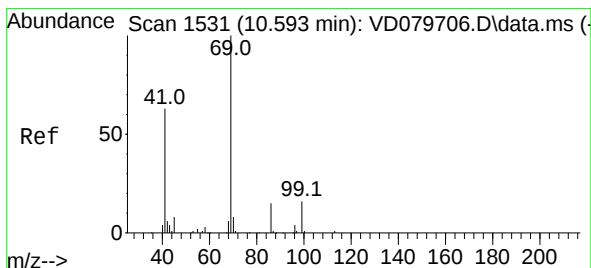
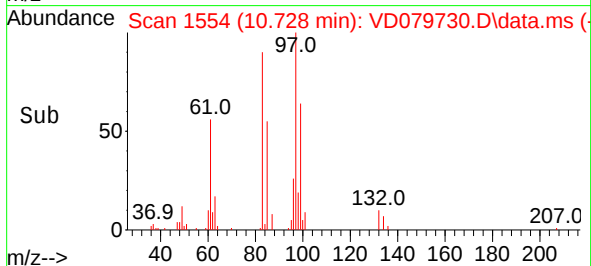
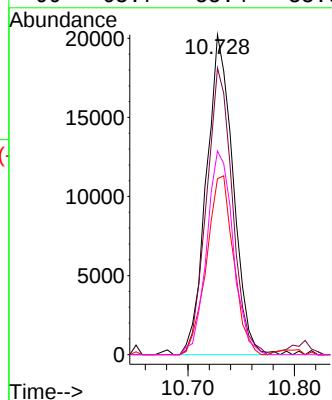
Ion Ratio Lower Upper

97 100

83 89.6 65.8 98.8

85 55.0 43.8 65.8

99 63.7 55.4 83.0



#56

Ethyl methacrylate

Concen: 23.334 ug/l

RT: 10.592 min Scan# 1531

Delta R.T. -0.001 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

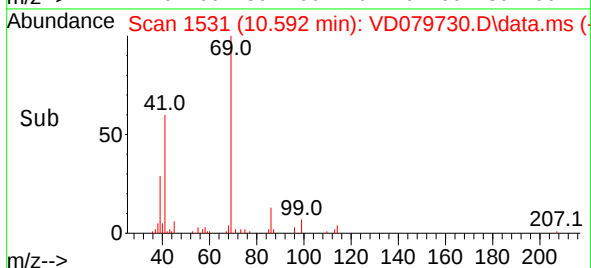
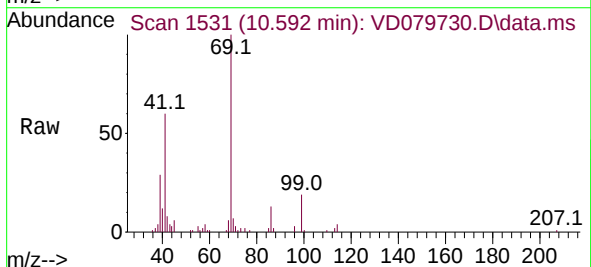
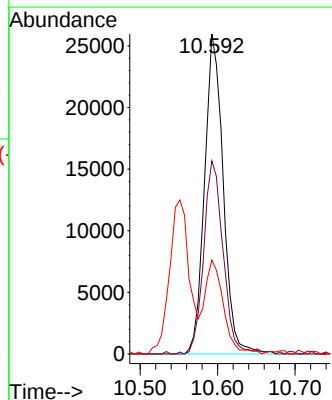
Tgt Ion: 69 Resp: 43464

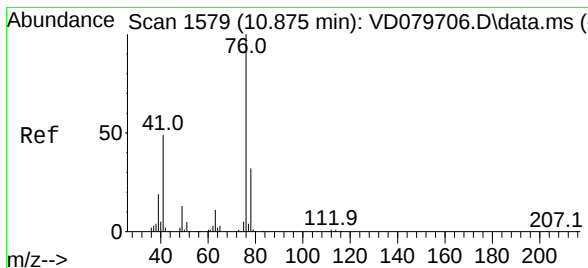
Ion Ratio Lower Upper

69 100

41 63.1 39.8 59.6#

39 29.2 20.2 30.4





#57

1,3-Dichloropropane

Concen: 22.081 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

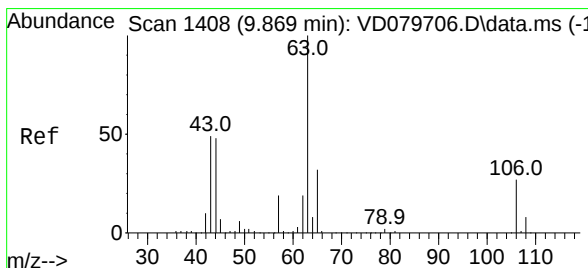
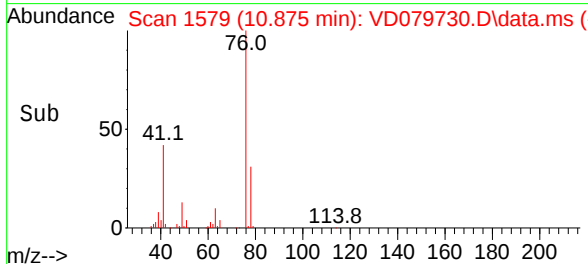
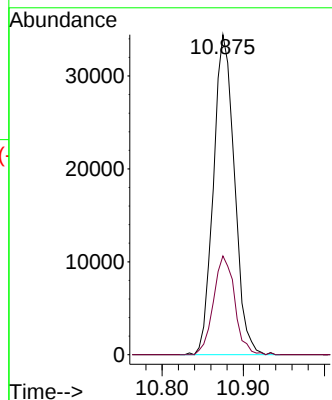
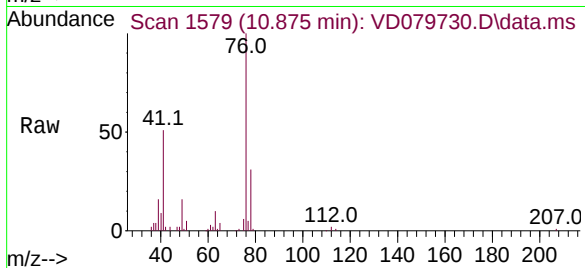
ClientSampleId :

Tgt Ion: 76 Resp: 61998

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 109.448 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079730.D

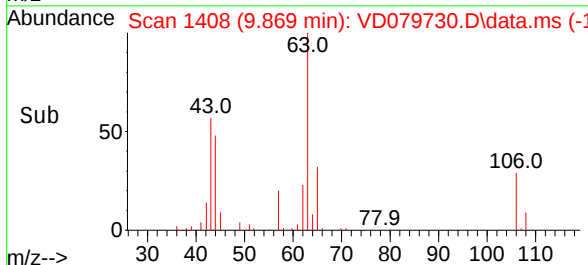
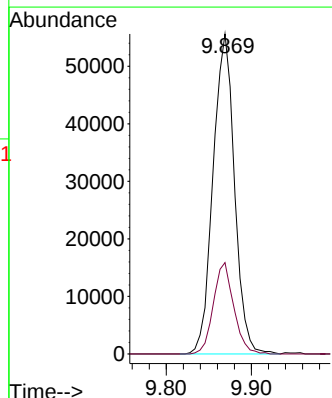
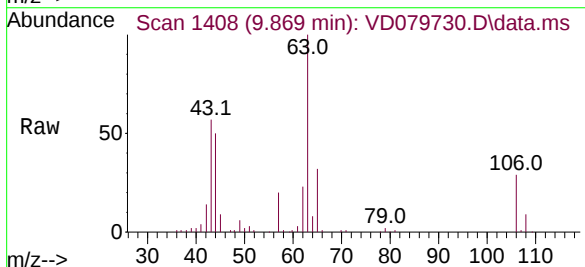
Acq: 14 Aug 2024 11:25

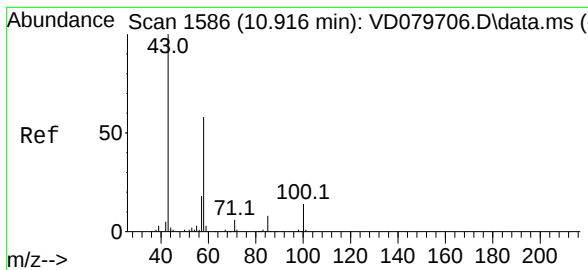
Tgt Ion: 63 Resp: 97207

Ion Ratio Lower Upper

63 100

106 27.1 26.4 39.6

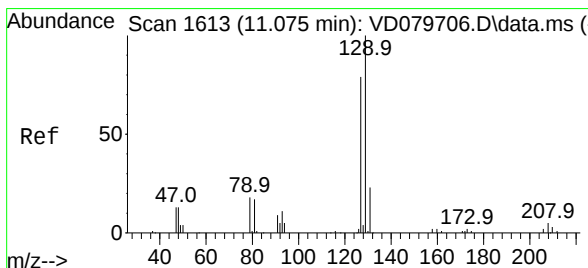
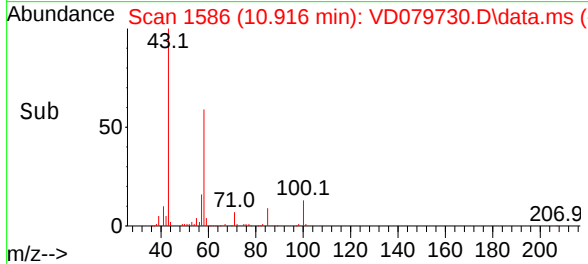
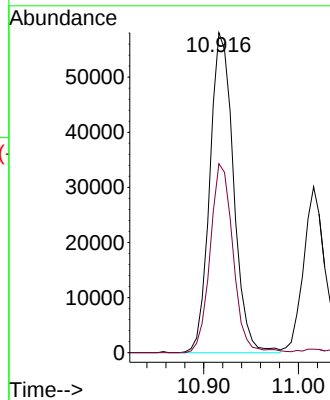
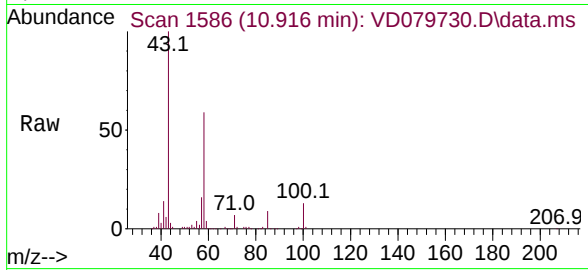




#59
2-Hexanone
Concen: 122.064 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

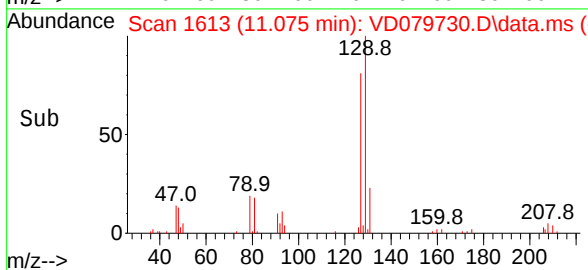
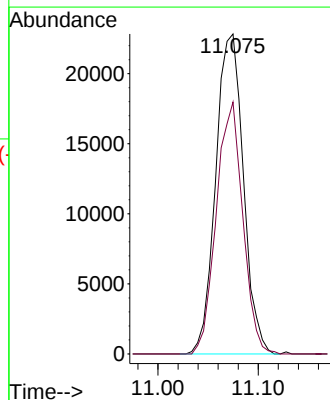
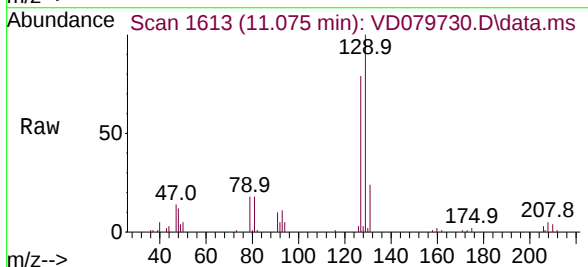
Instrument :
MSVOA_D
ClientSampleId :

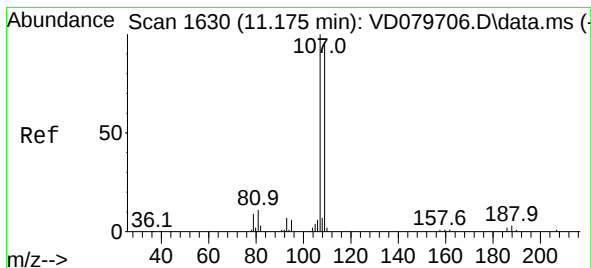
Tgt Ion: 43 Resp: 101019
Ion Ratio Lower Upper
43 100
58 57.0 31.1 93.5



#60
Dibromochloromethane
Concen: 21.754 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 129 Resp: 43652
Ion Ratio Lower Upper
129 100
127 75.3 38.0 113.9





#61

1,2-Dibromoethane

Concen: 21.398 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

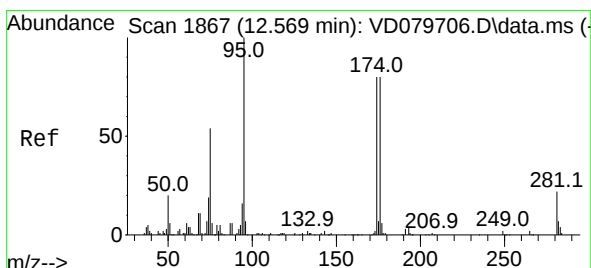
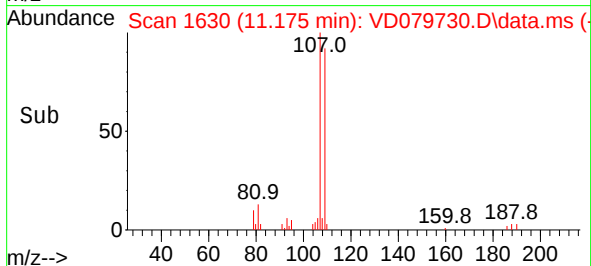
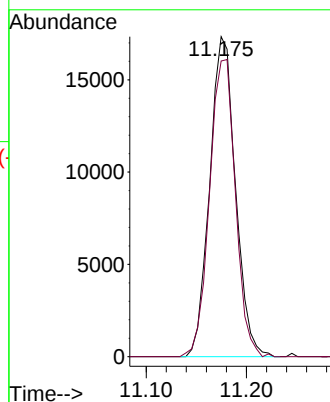
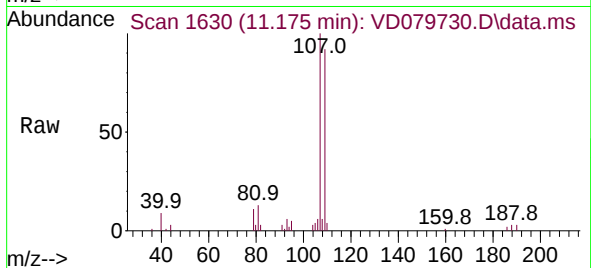
ClientSampleId :

Tgt Ion:107 Resp: 30946

Ion Ratio Lower Upper

107 100

109 93.2 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 51.544 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

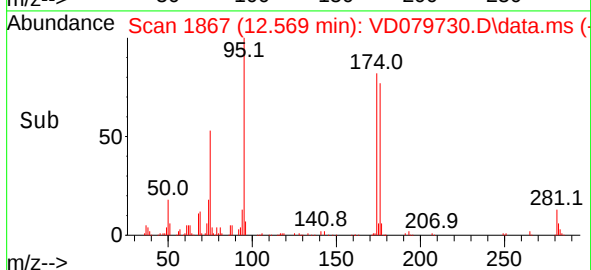
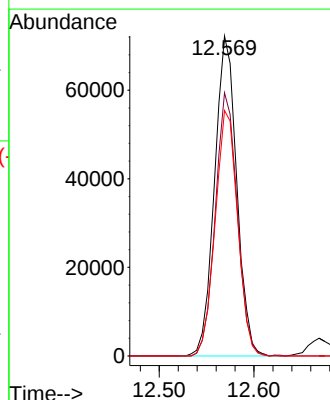
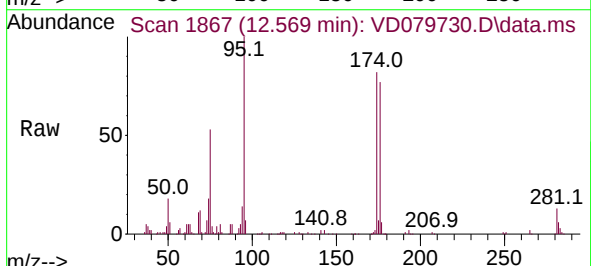
Tgt Ion: 95 Resp: 117305

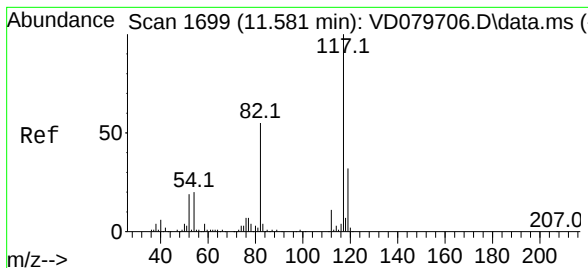
Ion Ratio Lower Upper

95 100

174 81.7 0.0 195.4

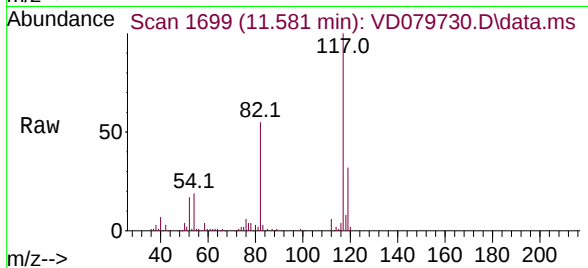
176 77.7 0.0 192.6



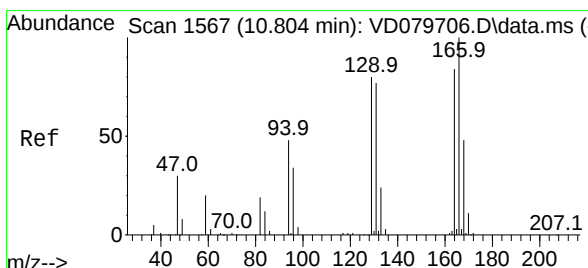
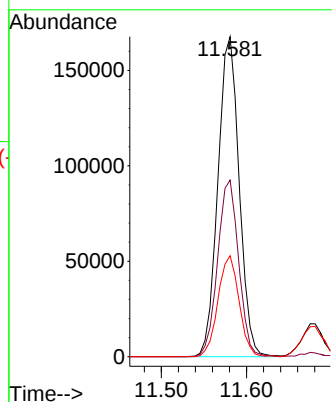
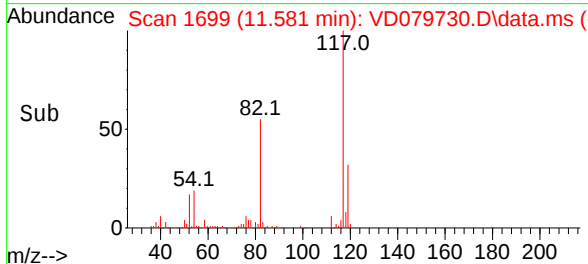


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Instrument :
MSVOA_D
ClientSampleId :

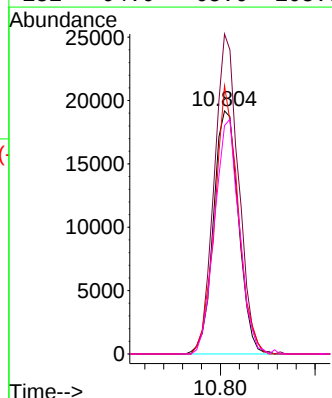
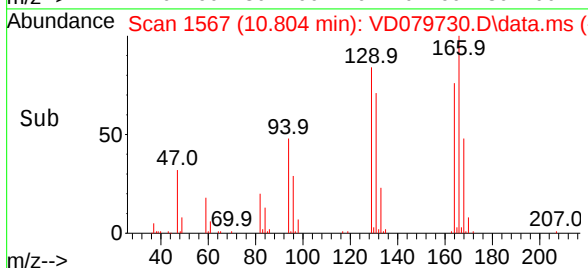
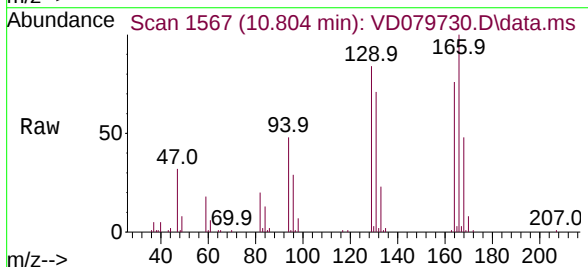


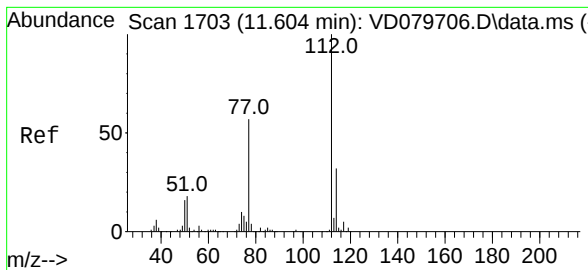
Tgt Ion:117 Resp: 290789
Ion Ratio Lower Upper
117 100
82 55.2 39.8 59.6
119 31.5 25.7 38.5



#64
Tetrachloroethene
Concen: 19.824 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion:164 Resp: 35223
Ion Ratio Lower Upper
164 100
166 131.7 108.6 163.0
129 110.4 74.6 112.0
131 94.0 68.6 103.0

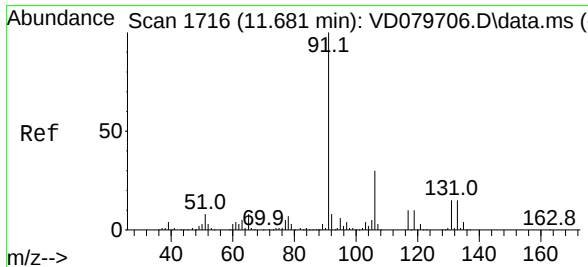
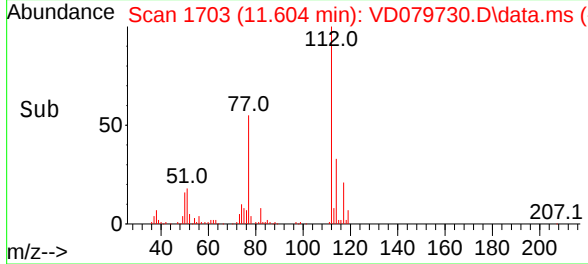
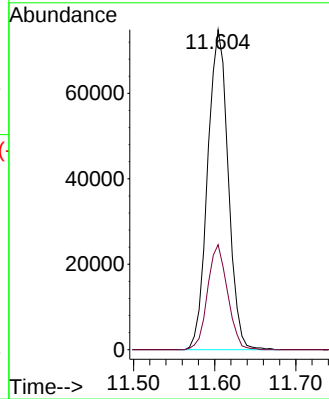
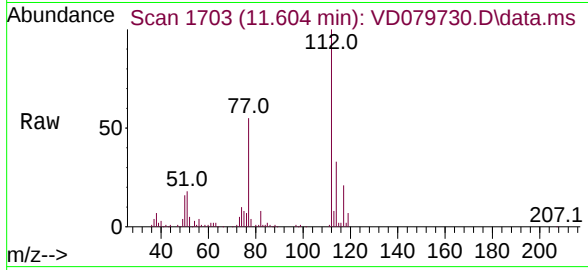




#65
Chlorobenzene
Concen: 20.600 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

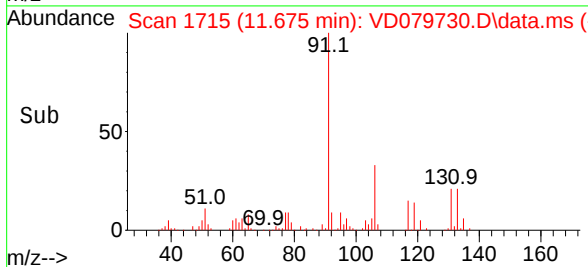
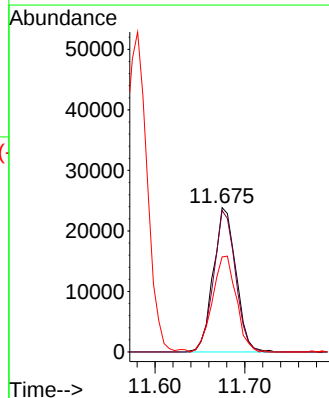
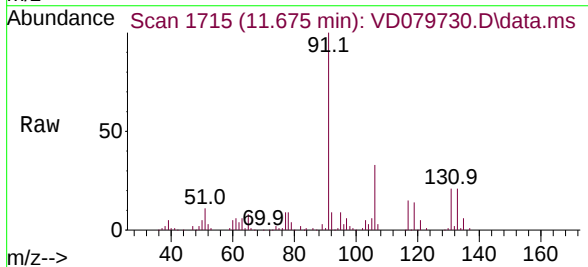
Instrument :
MSVOA_D
ClientSampleId :

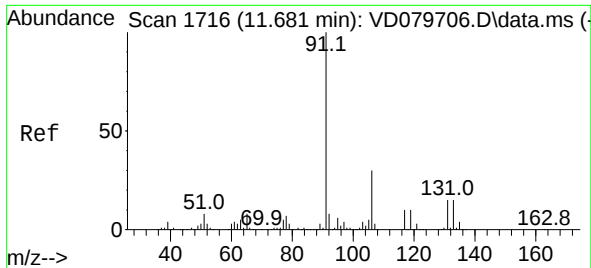
Tgt Ion:112 Resp: 131534
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.077 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion:131 Resp: 41795
Ion Ratio Lower Upper
131 100
133 94.7 49.2 147.6
119 69.8 33.4 100.2





#67

Ethyl Benzene

Concen: 19.509 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

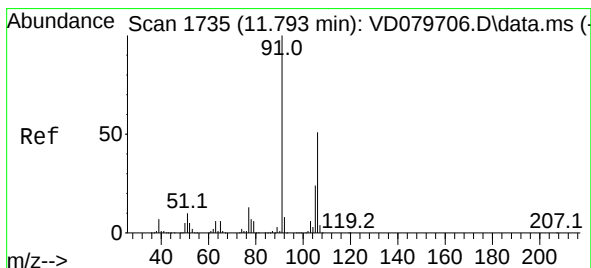
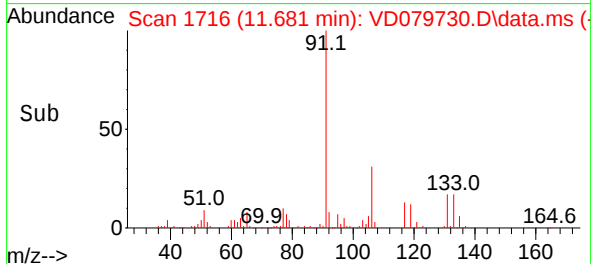
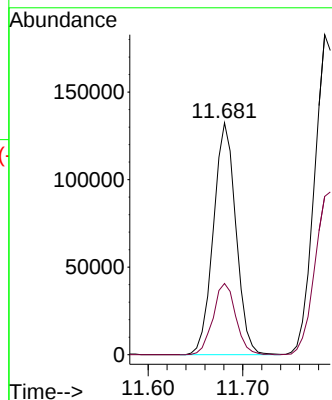
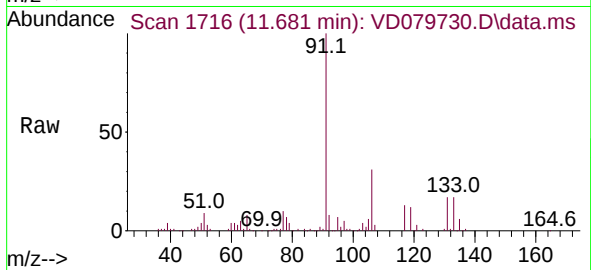
ClientSampleId :

Tgt Ion: 91 Resp: 218578

Ion Ratio Lower Upper

91 100

106 30.8 25.8 38.6



#68

m/p-Xylenes

Concen: 40.435 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079730.D

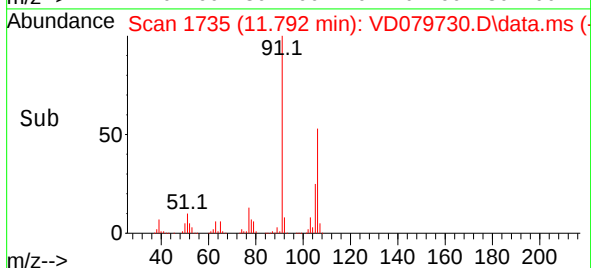
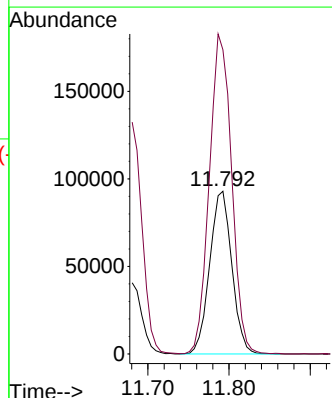
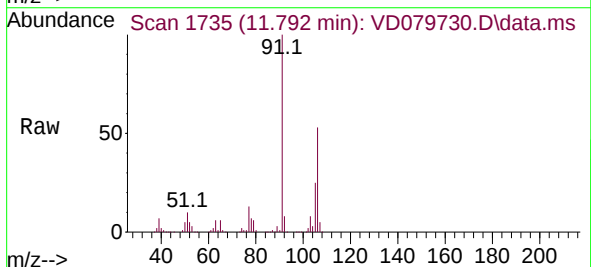
Acq: 14 Aug 2024 11:25

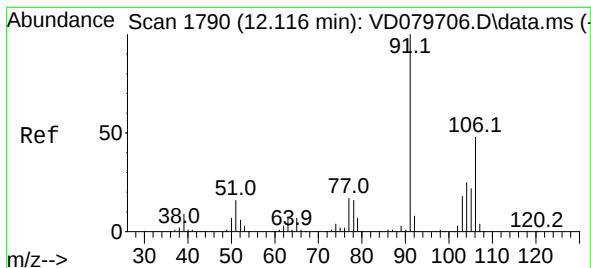
Tgt Ion:106 Resp: 176164

Ion Ratio Lower Upper

106 100

91 198.1 148.5 222.7





#69

o-Xylene

Concen: 20.062 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

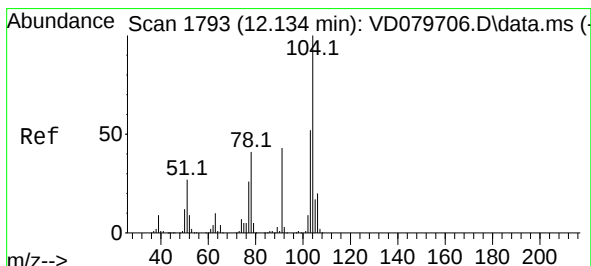
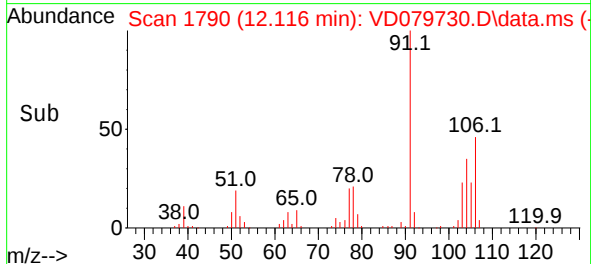
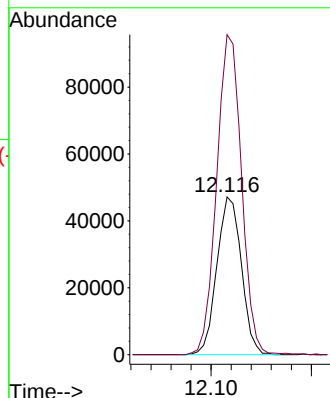
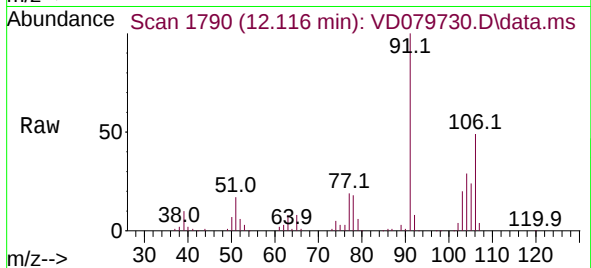
ClientSampleId :

Tgt Ion:106 Resp: 79885

Ion Ratio Lower Upper

106 100

91 206.5 96.7 290.1



#70

Styrene

Concen: 20.561 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

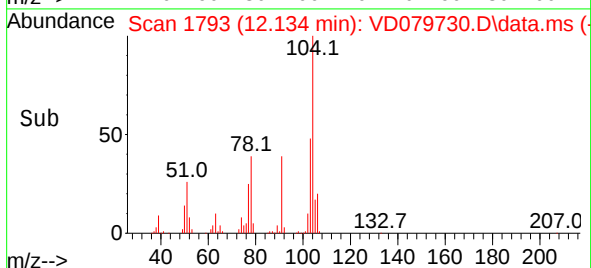
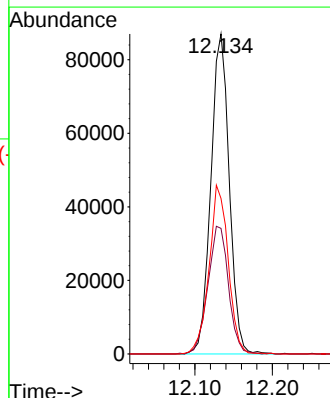
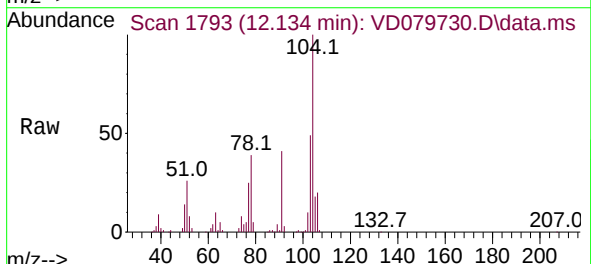
Tgt Ion:104 Resp: 143626

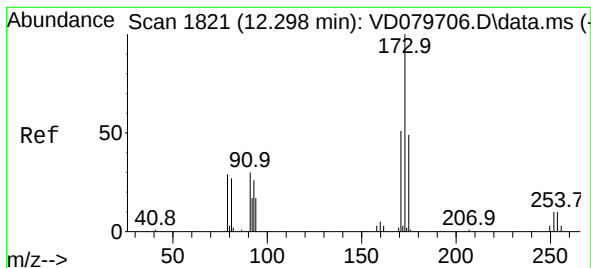
Ion Ratio Lower Upper

104 100

78 44.5 33.0 49.6

103 54.9 44.2 66.4





#71

Bromoform

Concen: 21.017 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079730.D

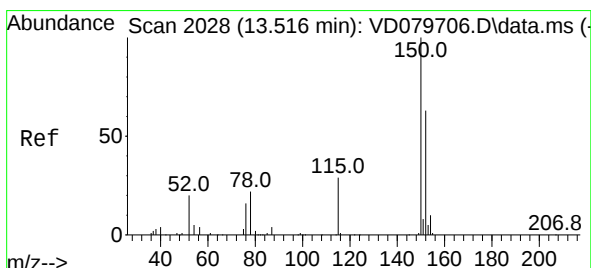
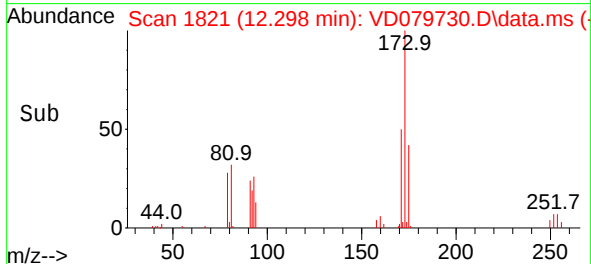
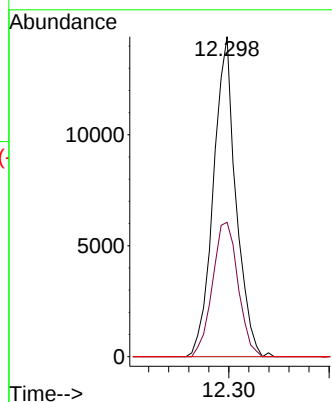
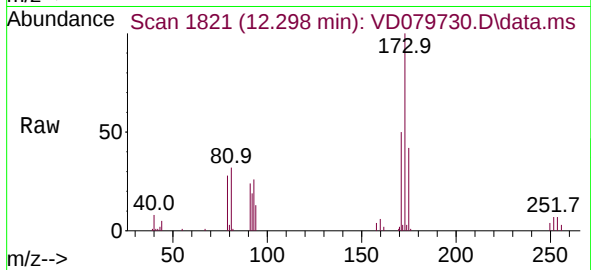
Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	22490
Ion Ratio	Lower	Upper
173	100	
175	47.6	23.7 71.1
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

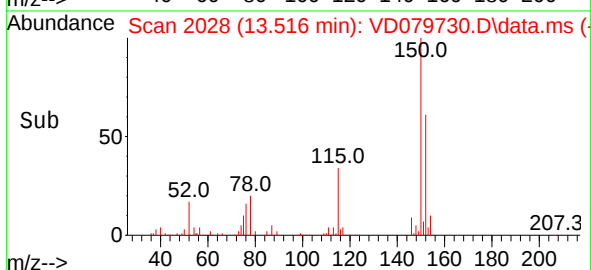
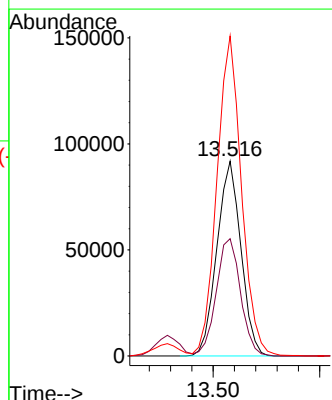
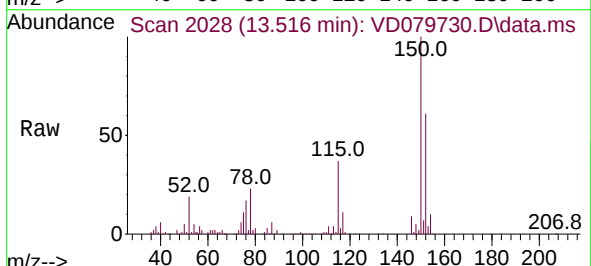
RT: 13.516 min Scan# 2028

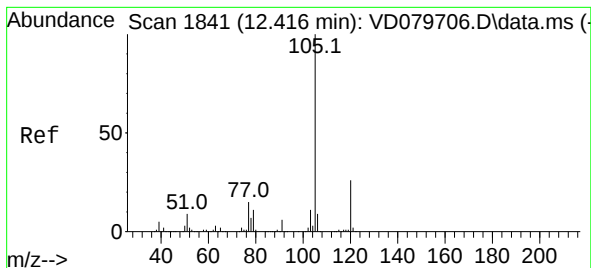
Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:152	Resp:	143737
Ion Ratio	Lower	Upper
152	100	
115	61.0	26.5 79.5
150	167.7	0.0 341.6





#73

Isopropylbenzene

Concen: 20.308 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

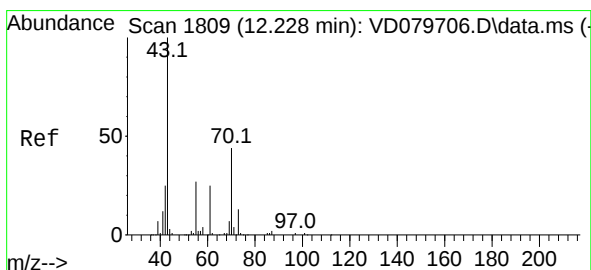
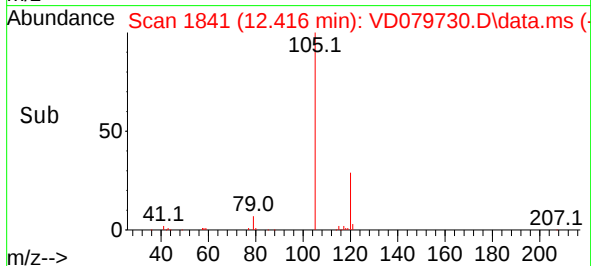
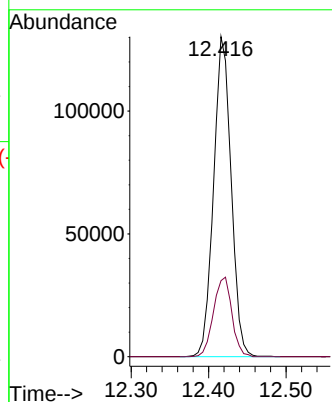
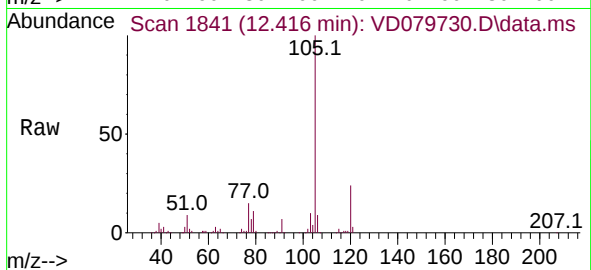
ClientSampleId :

Tgt Ion:105 Resp: 204927

Ion Ratio Lower Upper

105 100

120 26.0 13.6 40.7



#74

N-ethyl acetate

Concen: 22.402 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion: 43 Resp: 50364

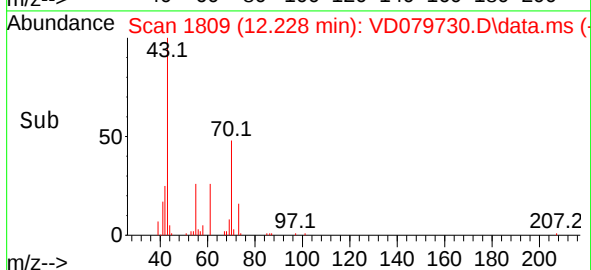
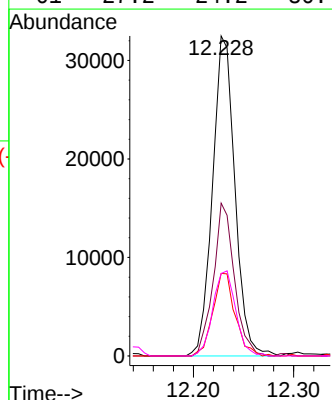
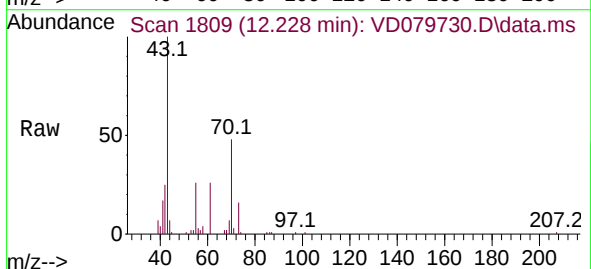
Ion Ratio Lower Upper

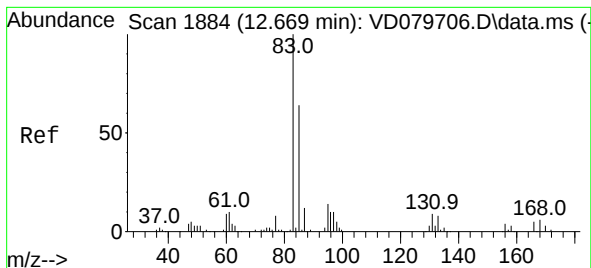
43 100

70 44.8 44.3 66.5

55 25.8 23.2 34.8

61 27.2 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.276 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

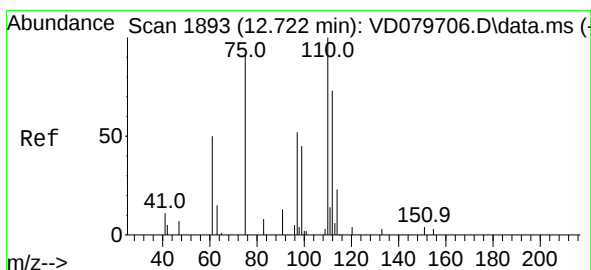
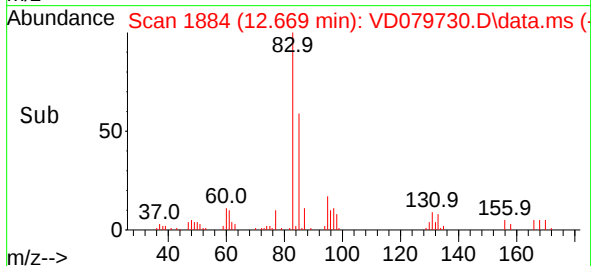
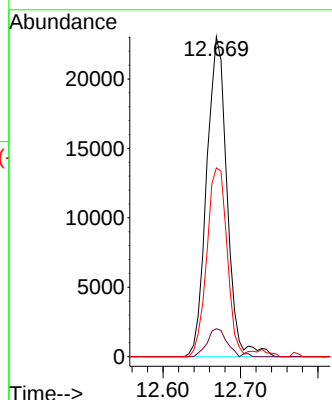
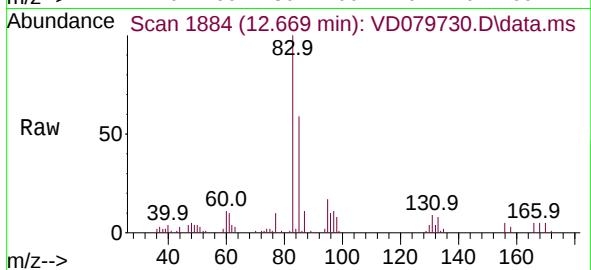
Tgt Ion: 83 Resp: 41972

Ion Ratio Lower Upper

83 100

131 8.7 5.5 16.5

85 59.0 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 44.877 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079730.D

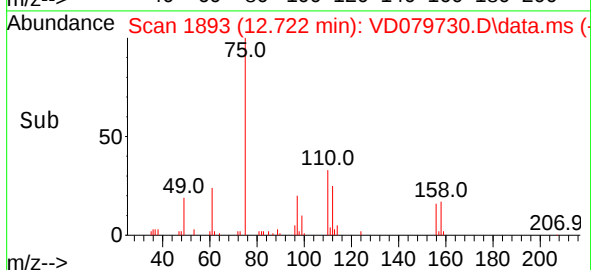
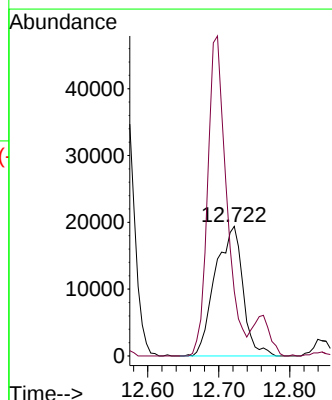
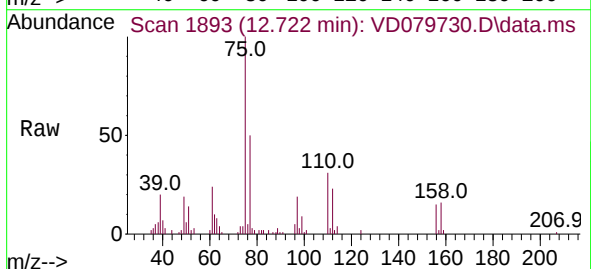
Acq: 14 Aug 2024 11:25

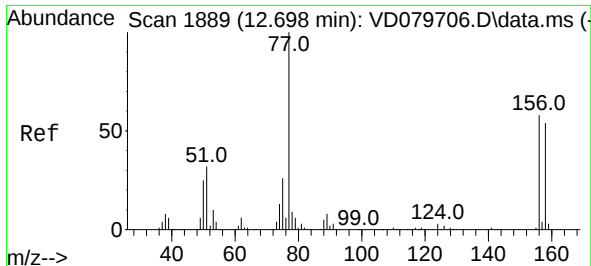
Tgt Ion: 75 Resp: 52586

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

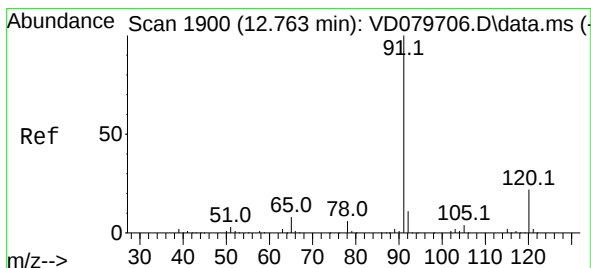
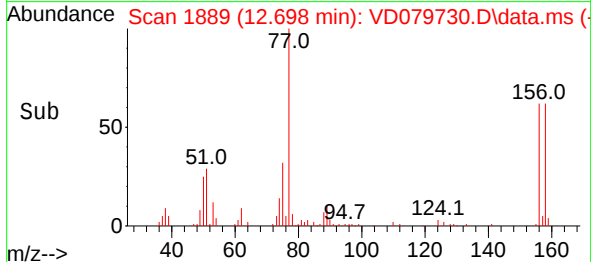
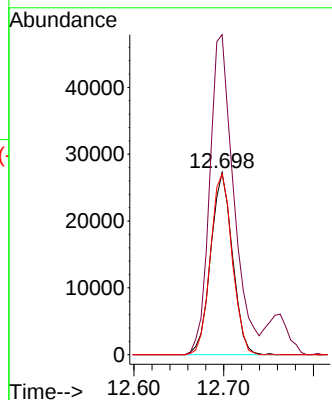
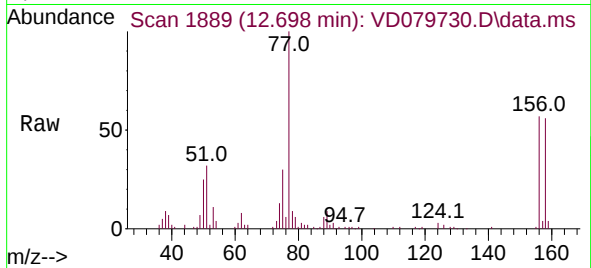




#77
Bromobenzene
Concen: 20.309 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

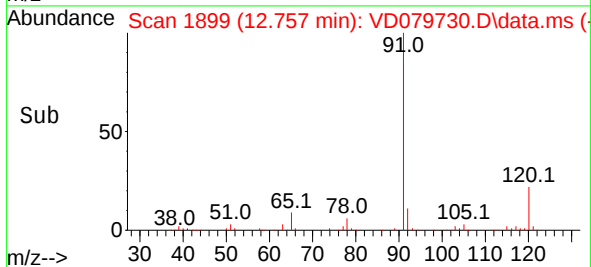
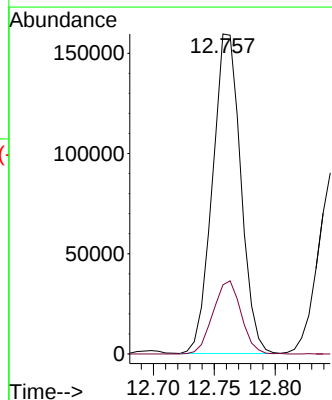
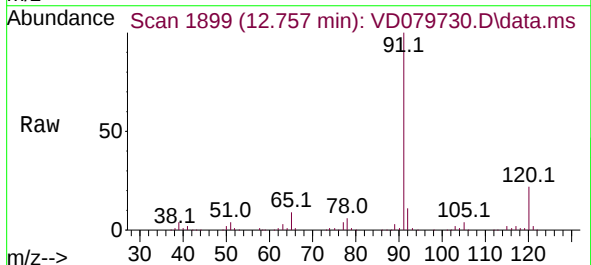
Instrument :
MSVOA_D
ClientSampleId :

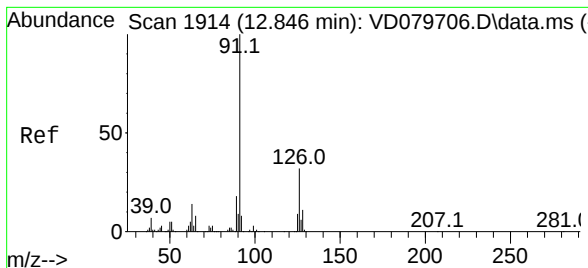
Tgt Ion:156 Resp: 45836
Ion Ratio Lower Upper
156 100
77 193.7 77.3 231.9
158 99.2 49.6 149.0



#78
n-propylbenzene
Concen: 20.632 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 91 Resp: 257631
Ion Ratio Lower Upper
91 100
120 22.7 12.3 36.8





#79

2-Chlorotoluene

Concen: 20.594 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

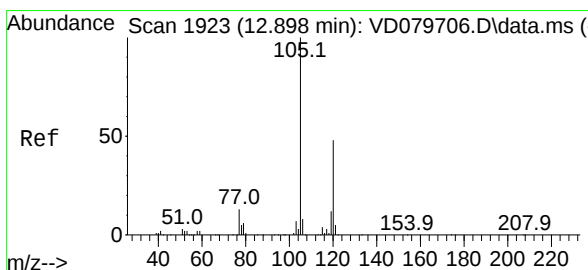
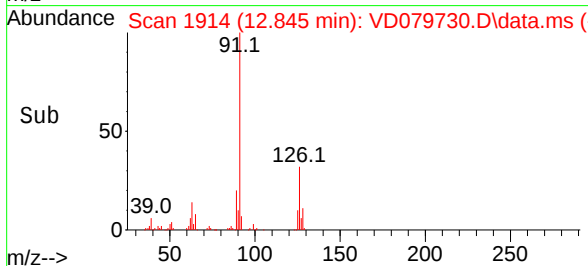
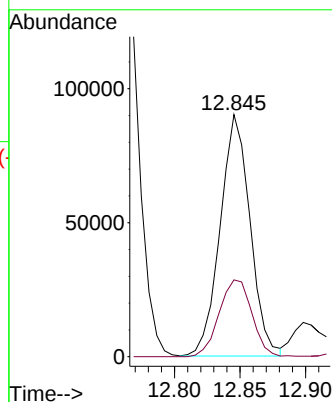
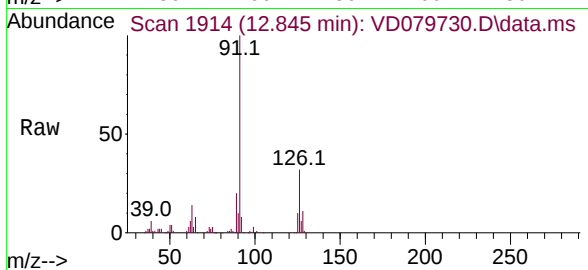
ClientSampleId :

Tgt Ion: 91 Resp: 143197

Ion Ratio Lower Upper

91 100

126 34.9 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 20.764 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD079730.D

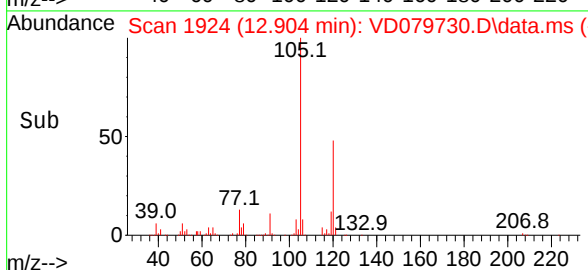
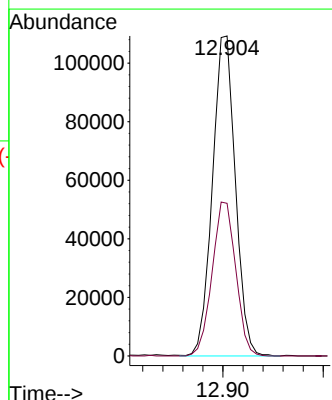
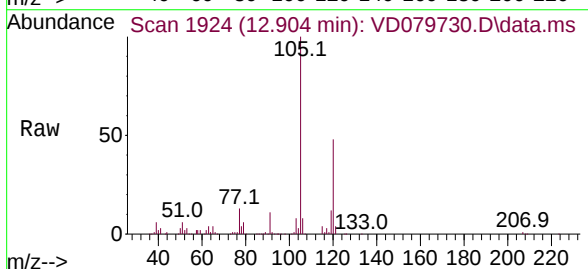
Acq: 14 Aug 2024 11:25

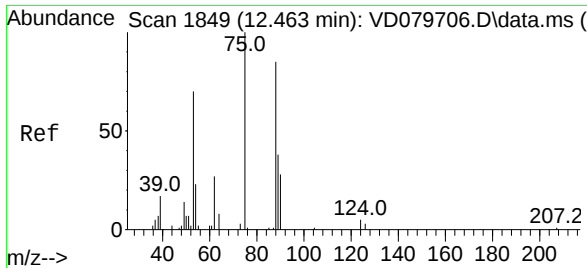
Tgt Ion:105 Resp: 173759

Ion Ratio Lower Upper

105 100

120 49.6 25.7 77.1

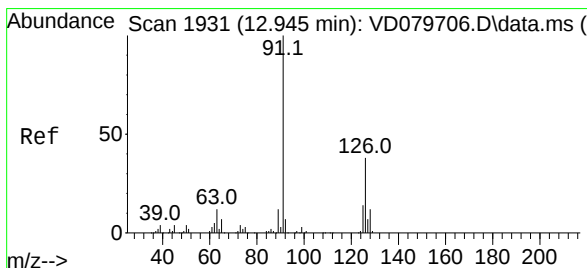
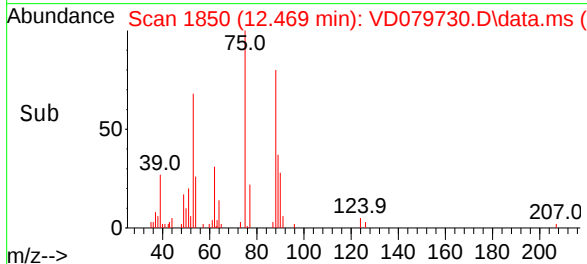
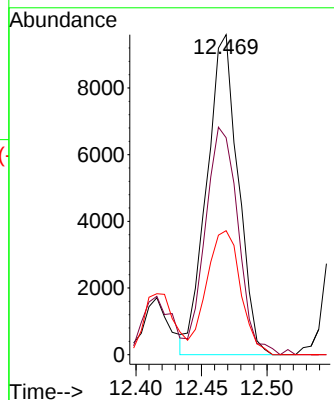
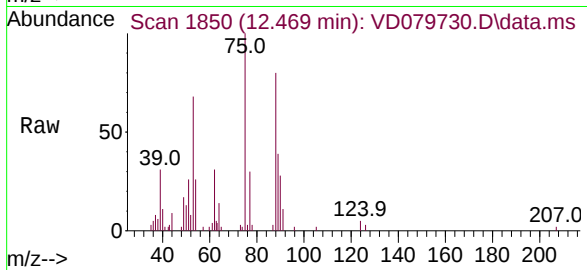




#81
trans-1,4-Dichloro-2-butene
Concen: 23.195 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

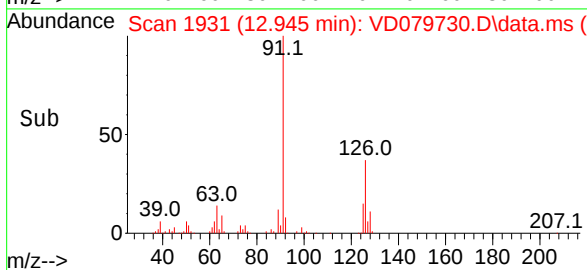
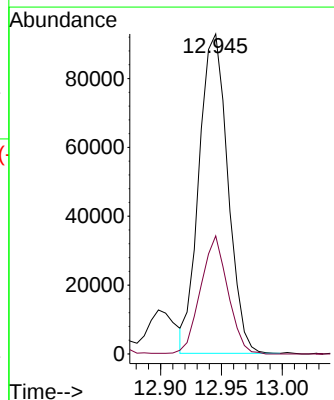
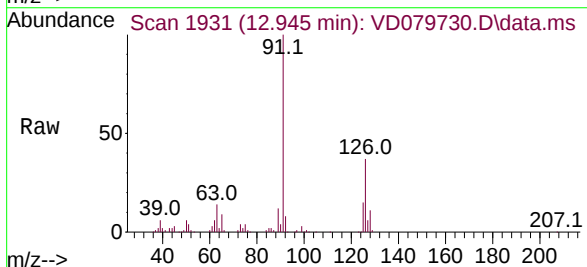
Instrument :
MSVOA_D
ClientSampleId :

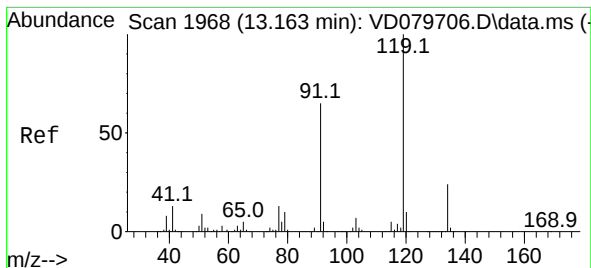
Tgt Ion: 75 Resp: 15949
Ion Ratio Lower Upper
75 100
53 73.8 61.4 92.2
89 41.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.835 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079730.D
Acq: 14 Aug 2024 11:25

Tgt Ion: 91 Resp: 152345
Ion Ratio Lower Upper
91 100
126 35.0 18.9 56.9





#83

tert-Butylbenzene

Concen: 20.470 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

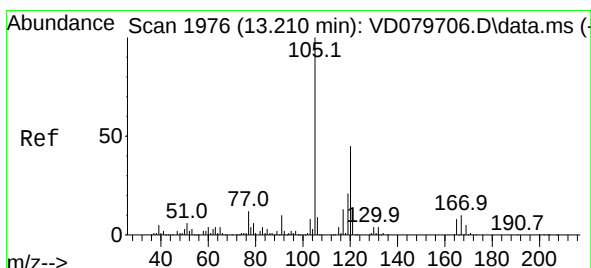
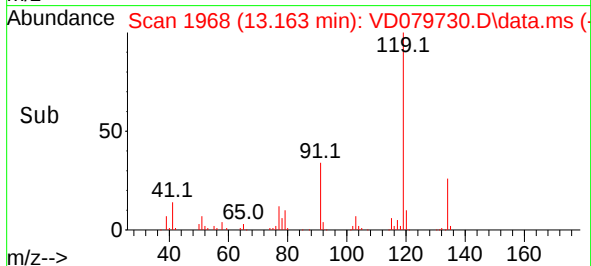
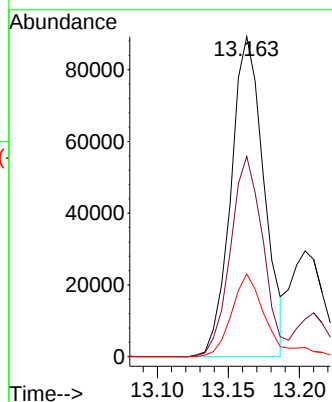
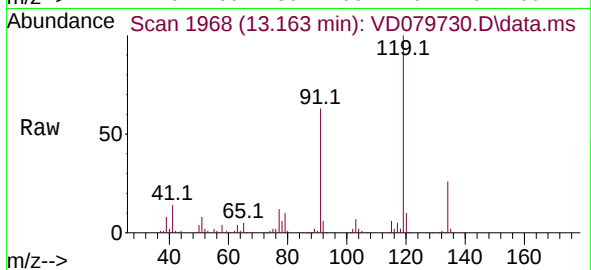
Tgt Ion:119 Resp: 144567

Ion Ratio Lower Upper

119 100

91 62.1 28.2 84.7

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.699 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079730.D

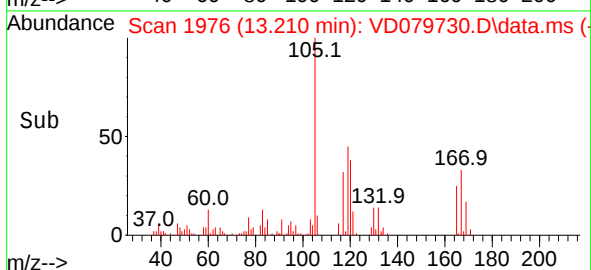
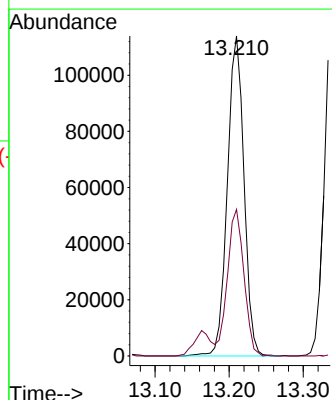
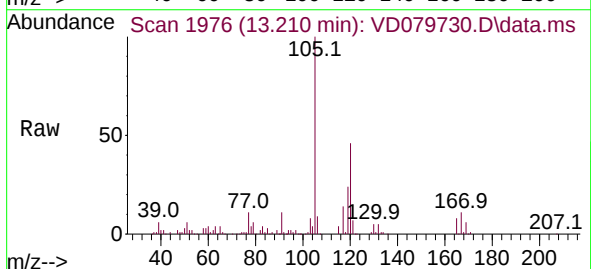
Acq: 14 Aug 2024 11:25

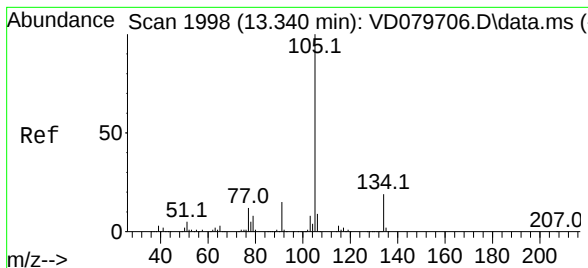
Tgt Ion:105 Resp: 177209

Ion Ratio Lower Upper

105 100

120 45.6 23.6 71.0

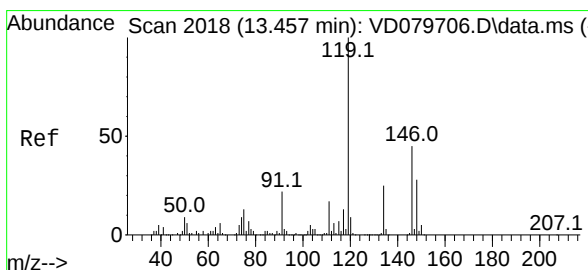
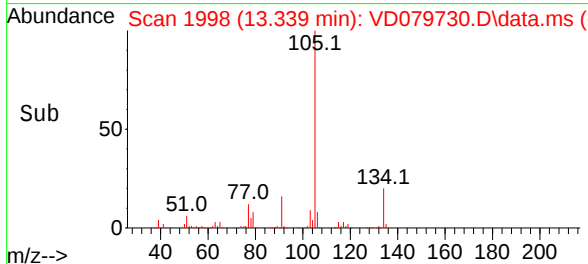
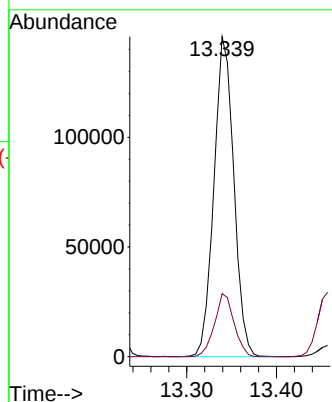
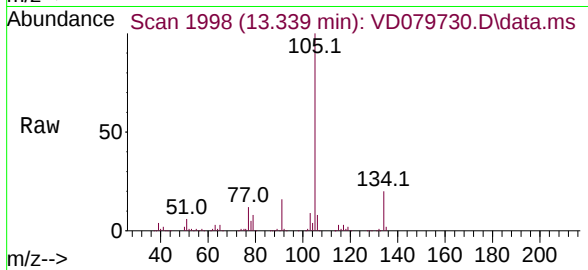




#85
 sec-Butylbenzene
 Concen: 20.617 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

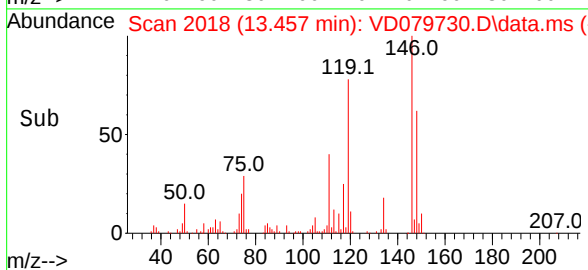
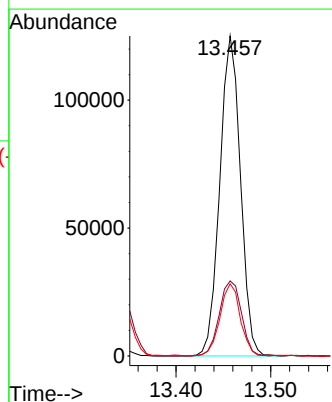
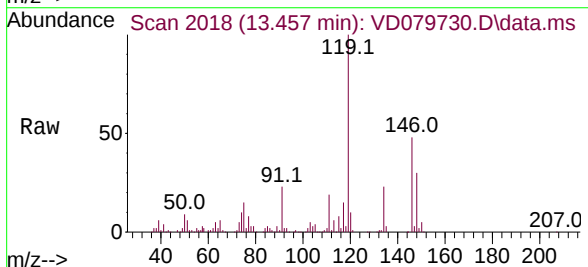
Instrument :
 MSVOA_D
 ClientSampleId :

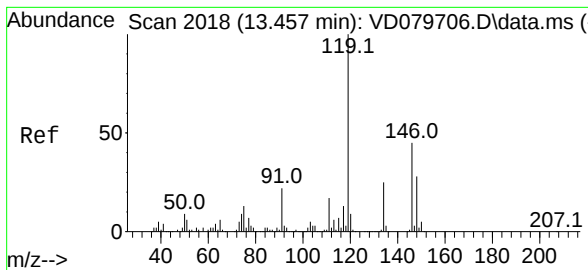
Tgt Ion:105 Resp: 224373
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.758 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079730.D
 Acq: 14 Aug 2024 11:25

Tgt Ion:119 Resp: 189773
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.7 41.1
 91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.468 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

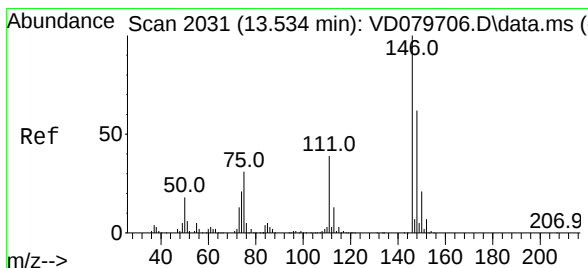
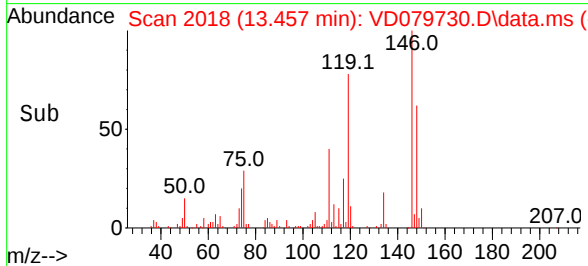
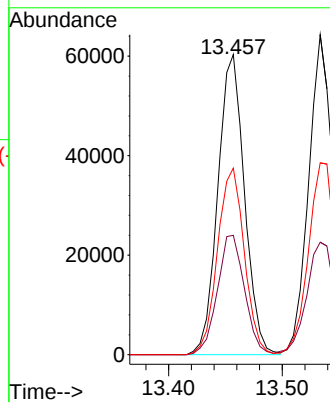
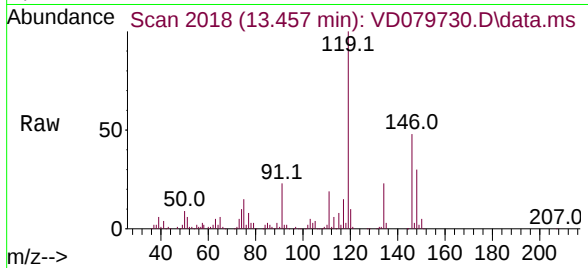
Tgt Ion:146 Resp: 98339

Ion Ratio Lower Upper

146 100

111 40.6 18.5 55.5

148 62.5 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 20.693 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

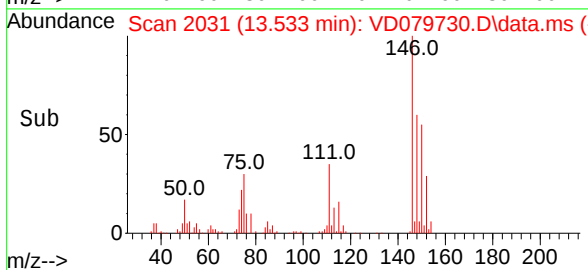
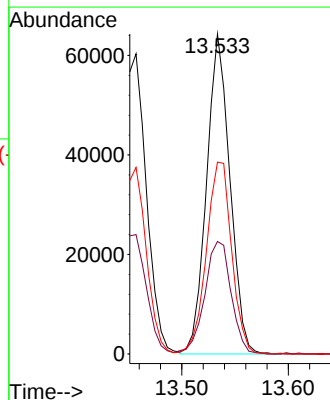
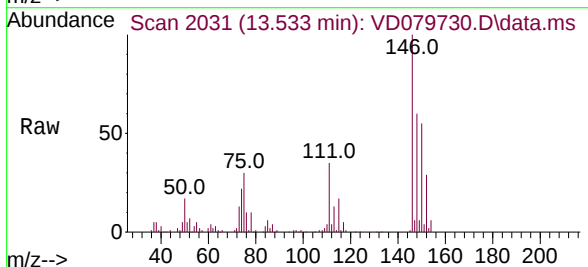
Tgt Ion:146 Resp: 98137

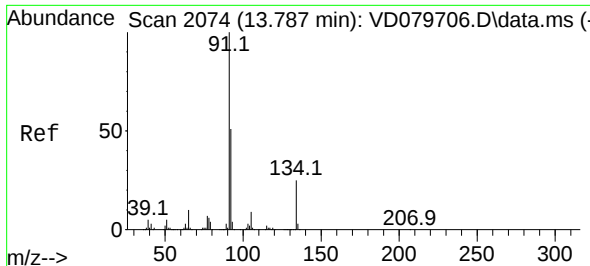
Ion Ratio Lower Upper

146 100

111 39.8 17.5 52.6

148 65.0 31.4 94.2





#89

n-Butylbenzene

Concen: 20.328 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

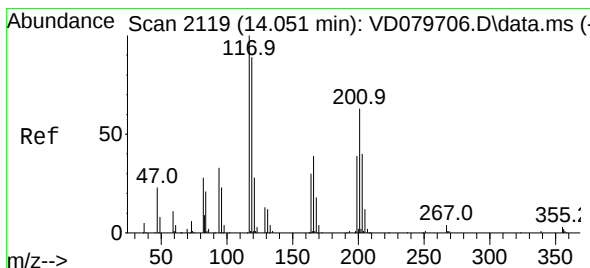
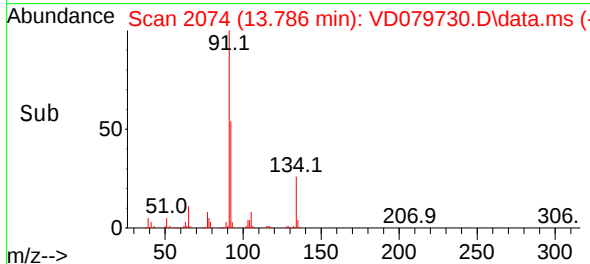
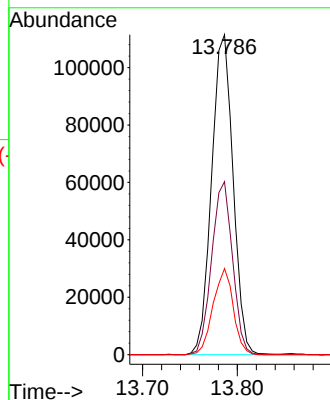
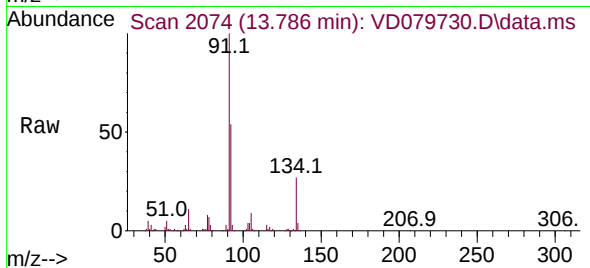
Tgt Ion: 91 Resp: 175181

Ion Ratio Lower Upper

91 100

92 52.6 25.7 77.0

134 25.3 13.6 40.8



#90

Hexachloroethane

Concen: 20.699 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079730.D

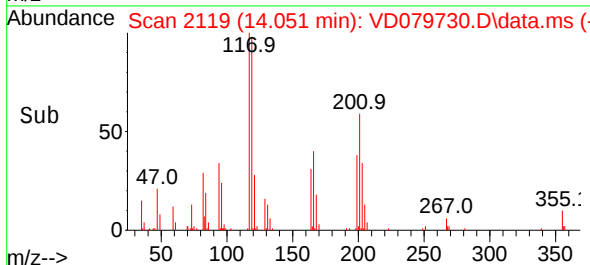
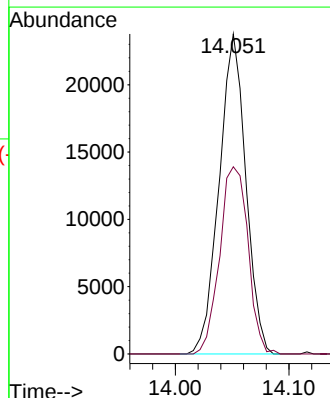
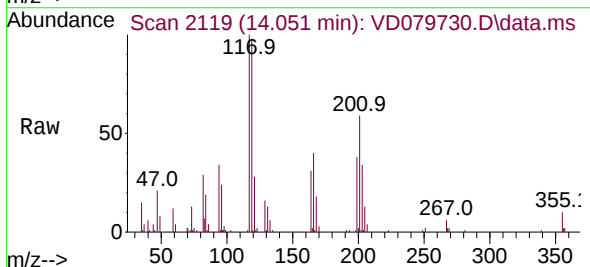
Acq: 14 Aug 2024 11:25

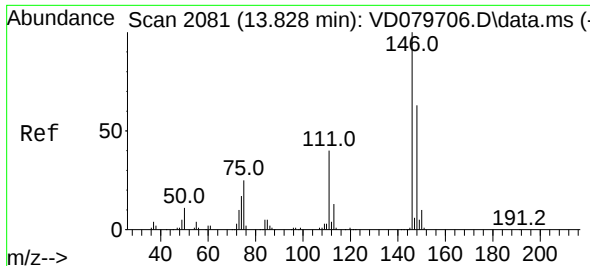
Tgt Ion: 117 Resp: 38827

Ion Ratio Lower Upper

117 100

201 62.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 20.612 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

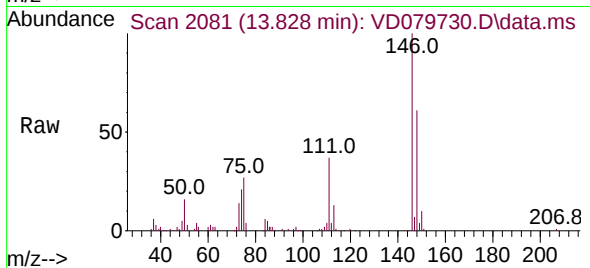
Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

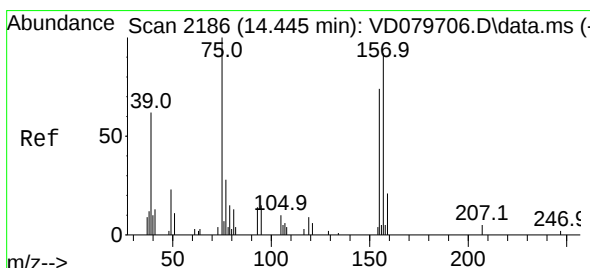
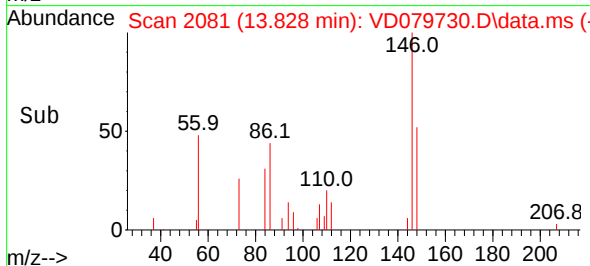
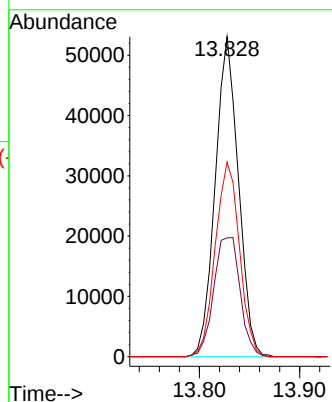
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	85290
Ion Ratio	Lower	Upper	
146	100		
111	42.5	19.1	57.1
148	63.4	31.1	93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.318 ug/l

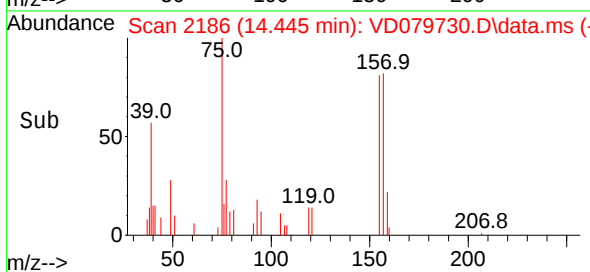
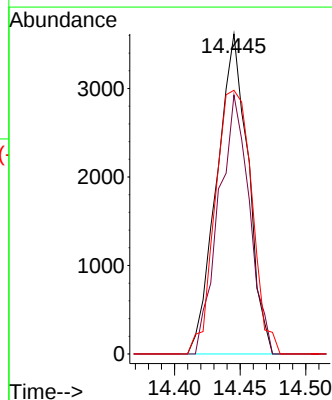
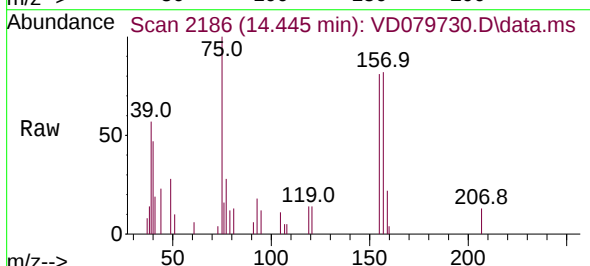
RT: 14.445 min Scan# 2186

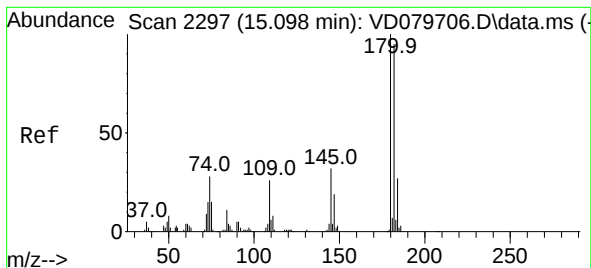
Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:	75	Resp:	5997
Ion Ratio	Lower	Upper	
75	100		
155	79.3	47.7	143.1
157	96.2	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 20.420 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079730.D

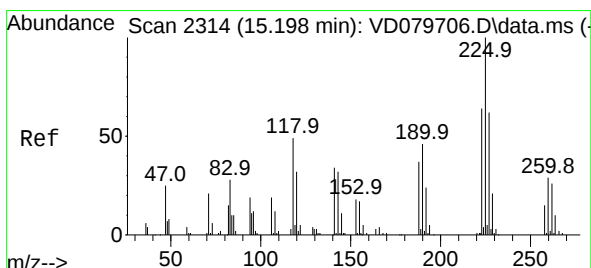
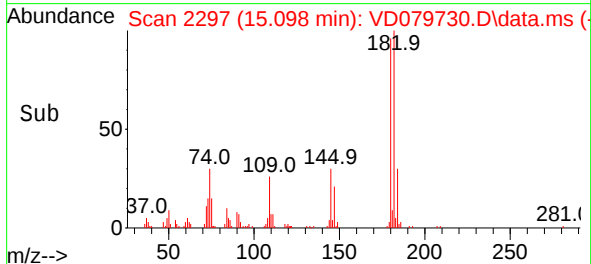
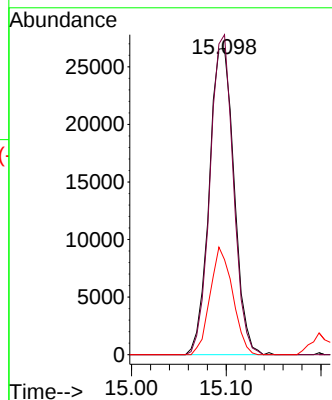
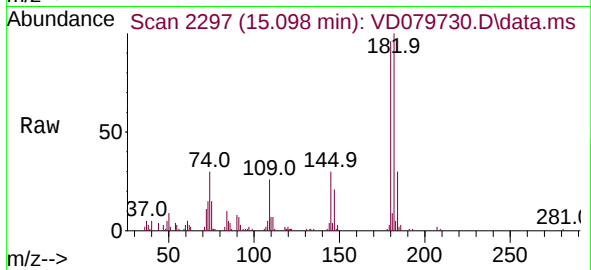
Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	180	Resp:	48608
Ion Ratio	Lower	Upper	
180	100		
182	97.3	46.9	140.7
145	31.8	14.0	41.9



#94

Hexachlorobutadiene

Concen: 22.364 ug/l

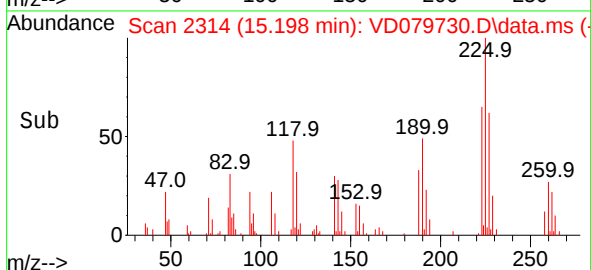
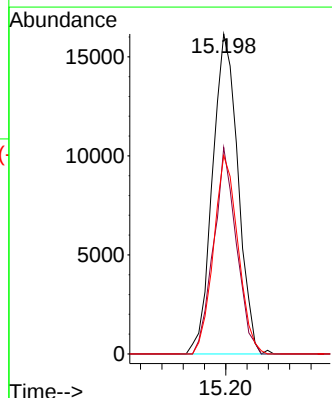
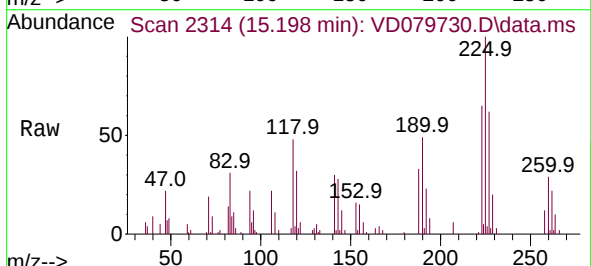
RT: 15.198 min Scan# 2314

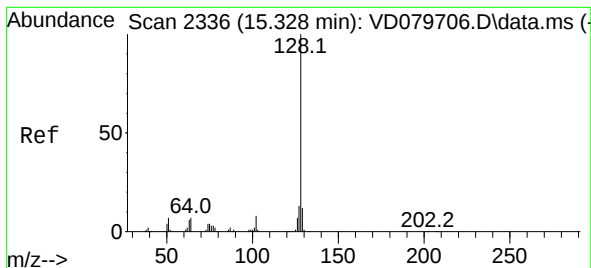
Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:	225	Resp:	26771
Ion Ratio	Lower	Upper	
225	100		
223	57.7	33.3	99.9
227	59.4	33.6	100.6





#95

Naphthalene

Concen: 22.204 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Instrument :

MSVOA_D

ClientSampleId :

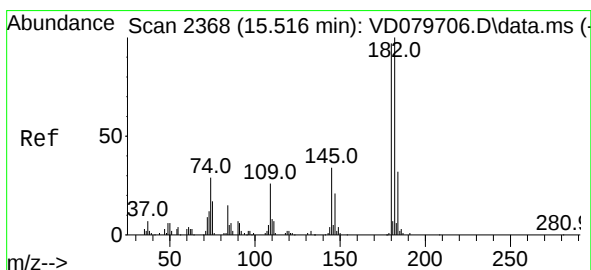
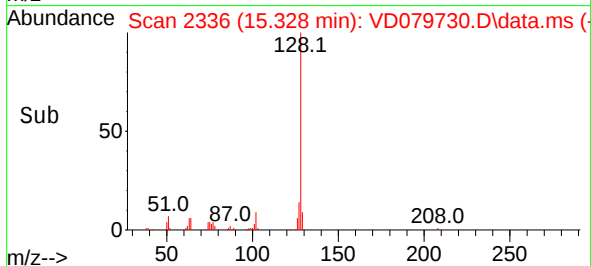
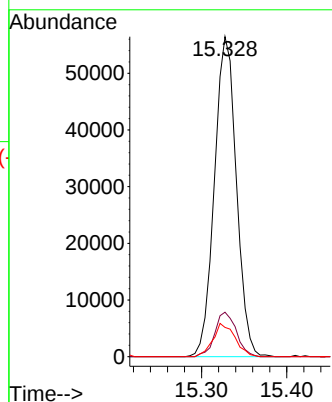
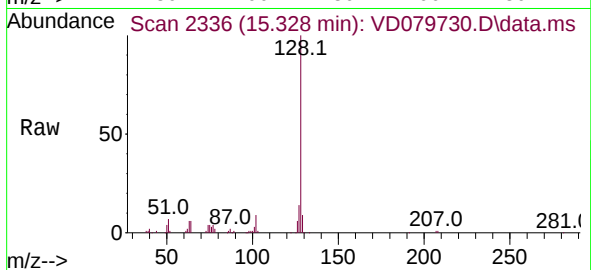
Tgt Ion:128 Resp: 101087

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 9.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.411 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079730.D

Acq: 14 Aug 2024 11:25

Tgt Ion:180 Resp: 42589

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 35.4 16.1 48.2

