

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079402.D
 Acq On : 25 Jul 2024 12:08
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 26 05:59:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 05:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	322461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157021	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	94468	45.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.700%
35) Dibromofluoromethane	7.805	113	108086	49.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.269	98	400454	49.064	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.569	95	123617	49.639	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	102418	58.541	ug/l	97
3) Chloromethane	2.146	50	33695	40.181	ug/l	95
4) Vinyl Chloride	2.276	62	29653	39.111	ug/l	98
5) Bromomethane	2.687	94	29833	51.360	ug/l	98
6) Chloroethane	2.828	64	17655	49.350	ug/l	89
7) Trichlorofluoromethane	3.170	101	184763	48.234	ug/l	97
8) Diethyl Ether	3.593	74	51152	46.555	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	123393	48.808	ug/l	98
10) Methyl Iodide	4.158	142	163769	59.183	ug/l	99
11) Tert butyl alcohol	5.058	59	24920	245.138	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	120520	51.373	ug/l	90
13) Acrolein	3.793	56	36831	199.282	ug/l	97
14) Allyl chloride	4.558	41	118032	42.774	ug/l	92
15) Acrylonitrile	5.252	53	109254	218.016	ug/l	97
16) Acetone	4.023	43	79234	211.715	ug/l	94
17) Carbon Disulfide	4.264	76	380730	48.140	ug/l	99
18) Methyl Acetate	4.564	43	45796	39.717	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	231825	48.183	ug/l	96
20) Methylene Chloride	4.799	84	154936	49.454	ug/l	94
21) trans-1,2-Dichloroethene	5.311	96	135683	51.585	ug/l	97
22) Diisopropyl ether	6.216	45	278244	44.669	ug/l	99
23) Vinyl Acetate	6.152	43	1058071	224.999	ug/l	99
24) 1,1-Dichloroethane	6.111	63	197525	43.741	ug/l	98
25) 2-Butanone	7.081	43	123410	217.445	ug/l	98
26) 2,2-Dichloropropane	7.069	77	176309	45.719	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	157926	51.604	ug/l	99
28) Bromochloromethane	7.422	49	85295	45.932	ug/l	94
29) Tetrahydrofuran	7.446	42	81535	230.789	ug/l	95
30) Chloroform	7.593	83	248190	50.298	ug/l	99
31) Cyclohexane	7.875	56	185701	49.838	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	206698	50.084	ug/l	99
36) 1,1-Dichloropropene	8.005	75	171205	53.320	ug/l	97
37) Ethyl Acetate	7.169	43	58271	48.462	ug/l	98
38) Carbon Tetrachloride	7.993	117	178876	50.874	ug/l	99
39) Methylcyclohexane	9.275	83	213577	55.477	ug/l	93
40) Benzene	8.252	78	532323	52.429	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	31656	47.920	ug/l	93
42) 1,2-Dichloroethane	8.328	62	129090	52.456	ug/l	96
43) Isopropyl Acetate	8.363	43	121532	53.311	ug/l	96
44) Trichloroethene	9.028	130	125680	51.836	ug/l	86
45) 1,2-Dichloropropane	9.305	63	131082	53.480	ug/l	96
46) Dibromomethane	9.393	93	73358	50.946	ug/l	91
47) Bromodichloromethane	9.581	83	182513	52.134	ug/l	99
48) Methyl methacrylate	9.381	41	58078	55.015	ug/l	86
49) 1,4-Dioxane	9.381	88	15175	1132.963	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	334787	275.710	ug/l	95
52) Toluene	10.328	92	339265	54.485	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	165012	53.393	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	199534	53.381	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	97960	52.267	ug/l	94
56) Ethyl methacrylate	10.599	69	120386	56.212	ug/l	95
57) 1,3-Dichloropropane	10.875	76	165302	52.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	240644	268.688	ug/l	93
59) 2-Hexanone	10.916	43	230730	274.222	ug/l	98
60) Dibromochloromethane	11.069	129	124825	51.842	ug/l	98
61) 1,2-Dibromoethane	11.175	107	94115	52.114	ug/l	100
64) Tetrachloroethene	10.810	164	105883	51.787	ug/l	93
65) Chlorobenzene	11.604	112	358935	51.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	122149	50.199	ug/l	96
67) Ethyl Benzene	11.681	91	639714	54.906	ug/l	98
68) m/p-Xylenes	11.793	106	496079	107.801	ug/l	89
69) o-Xylene	12.116	106	226466	54.851	ug/l	86
70) Styrene	12.134	104	405977	55.456	ug/l	95
71) Bromoform	12.293	173	68307	52.032	ug/l #	99
73) Isopropylbenzene	12.416	105	585623	54.444	ug/l	98
74) N-amyl acetate	12.228	43	121224	55.074	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	112618	50.759	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	136818	72.236	ug/l #	100
77) Bromobenzene	12.699	156	132502	52.454	ug/l	83
78) n-propylbenzene	12.757	91	745375	55.228	ug/l	95
79) 2-Chlorotoluene	12.846	91	416702	53.651	ug/l	92
80) 1,3,5-Trimethylbenzene	12.899	105	501766	55.490	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	39303	53.861	ug/l	98
82) 4-Chlorotoluene	12.946	91	432143	53.711	ug/l	94
83) tert-Butylbenzene	13.163	119	418456	55.305	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	505485	55.396	ug/l	97
85) sec-Butylbenzene	13.340	105	644330	54.618	ug/l	96
86) p-Isopropyltoluene	13.457	119	534120	55.591	ug/l	96
87) 1,3-Dichlorobenzene	13.451	146	276069	52.224	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	270057	50.635	ug/l	95
89) n-Butylbenzene	13.781	91	512136	54.926	ug/l	96
90) Hexachloroethane	14.051	117	109848	50.183	ug/l	92
91) 1,2-Dichlorobenzene	13.828	146	240783	52.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.440	75	15496	52.756	ug/l	85
93) 1,2,4-Trichlorobenzene	15.092	180	134029	53.632	ug/l	96
94) Hexachlorobutadiene	15.198	225	73448	51.054	ug/l	96
95) Naphthalene	15.328	128	264190	55.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	120031	53.913	ug/l	98

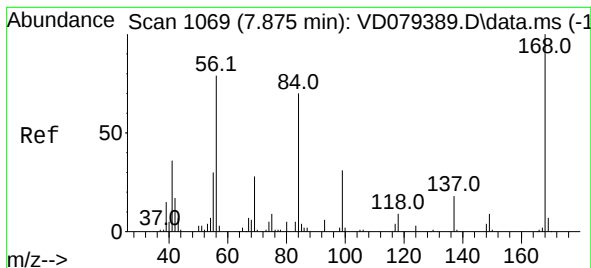
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
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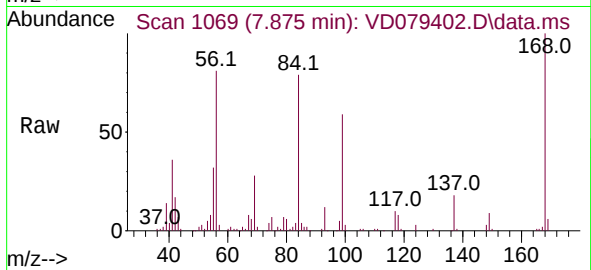
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

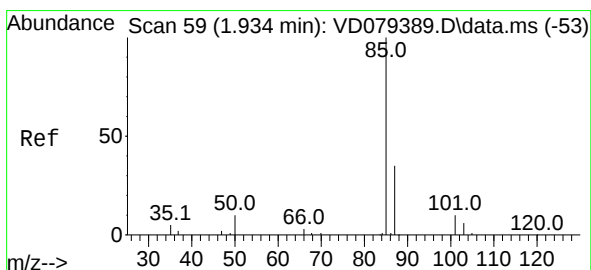
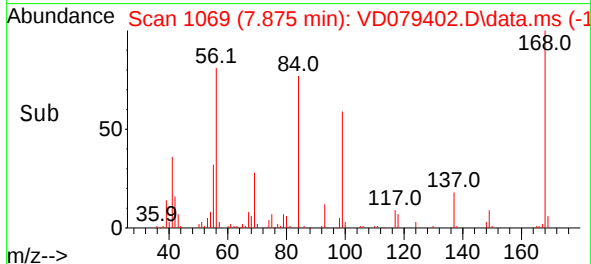
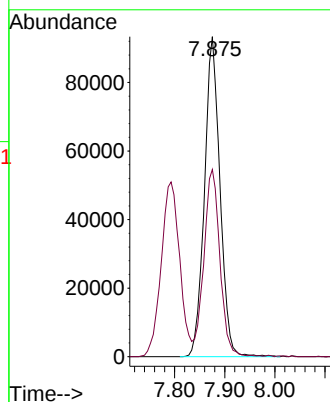


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

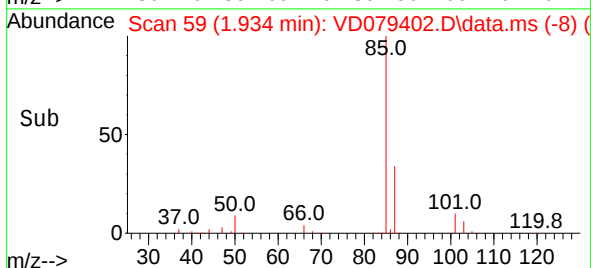
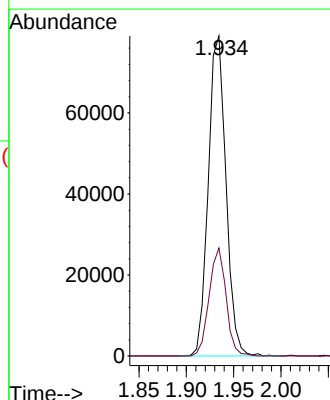
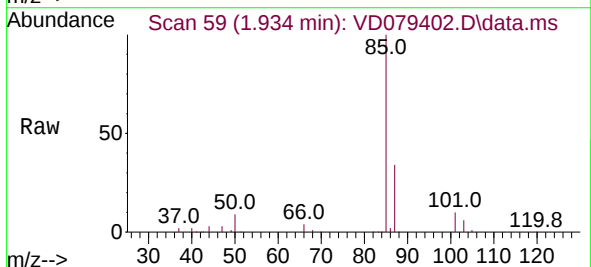


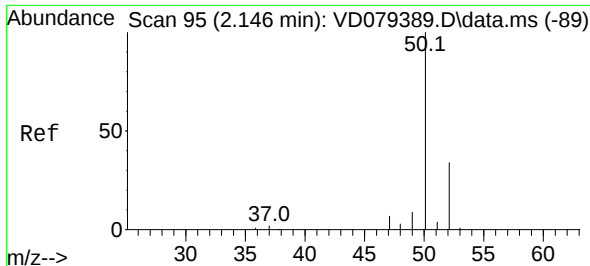
Tgt Ion:168 Resp: 200915
Ion Ratio Lower Upper
168 100
99 58.3 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 58.541 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 85 Resp: 102418
Ion Ratio Lower Upper
85 100
87 33.8 16.0 48.0

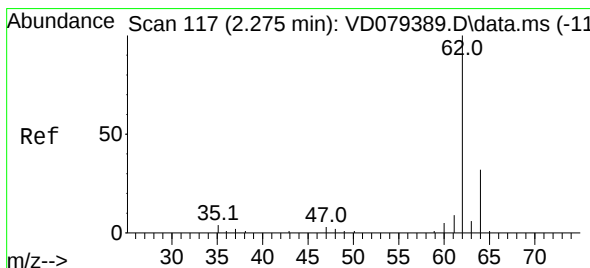
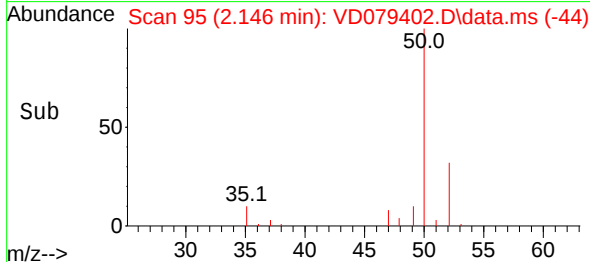
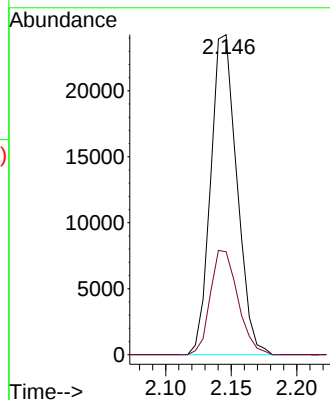
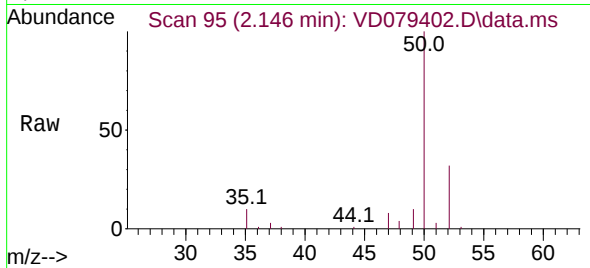




#3
Chloromethane
Concen: 40.181 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

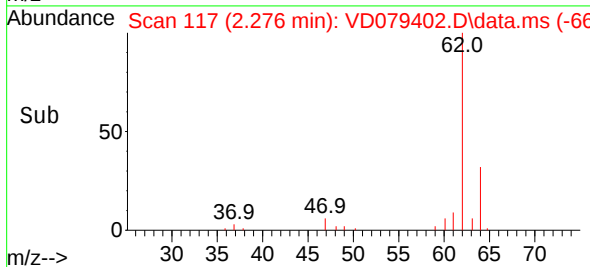
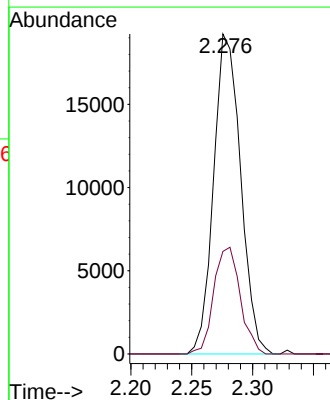
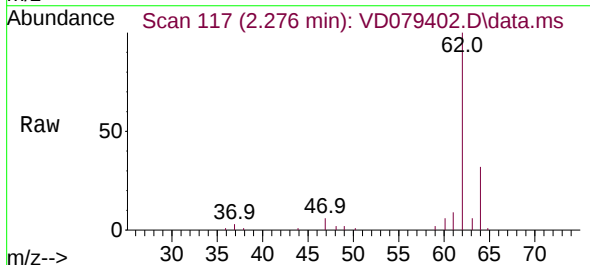
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MSVOA_D
ClientSampleId :

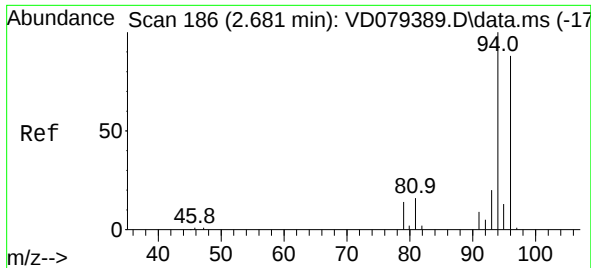
Tgt Ion: 50 Resp: 33695
Ion Ratio Lower Upper
50 100
52 32.1 28.2 42.2



#4
Vinyl Chloride
Concen: 39.111 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 62 Resp: 29653
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5





#5

Bromomethane

Concen: 51.360 ug/l

RT: 2.687 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

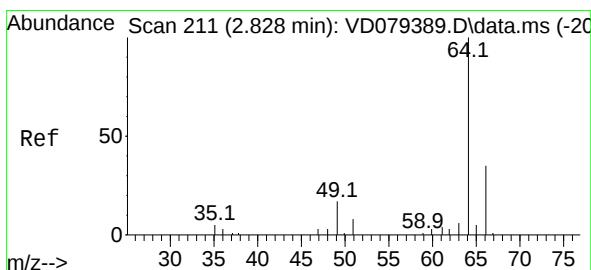
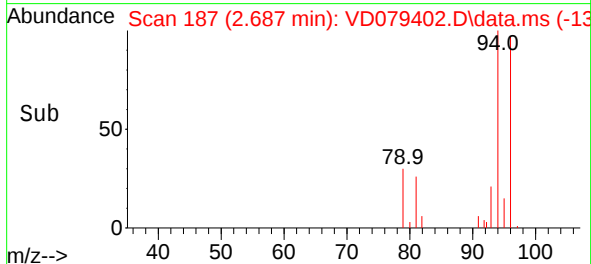
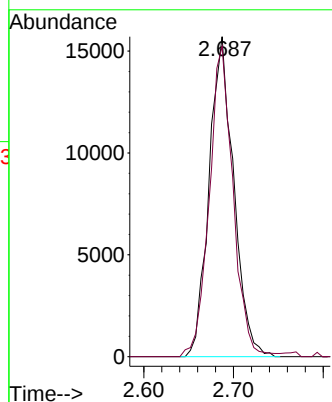
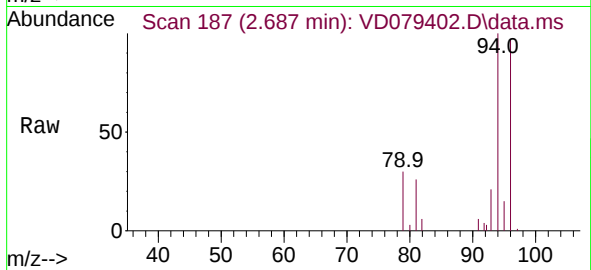
ClientSampleId :

Tgt Ion: 94 Resp: 29833

Ion Ratio Lower Upper

94 100

96 93.9 76.9 115.3



#6

Chloroethane

Concen: 49.350 ug/l

RT: 2.828 min Scan# 211

Delta R.T. 0.000 min

Lab File: VD079402.D

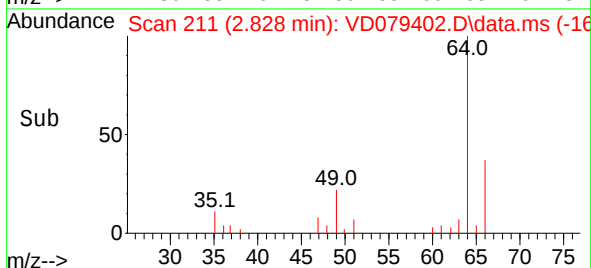
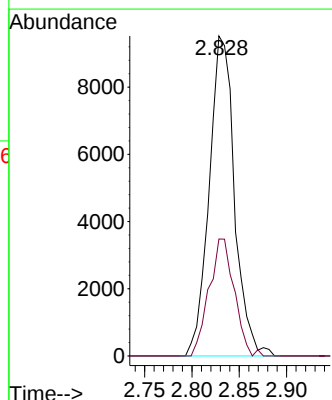
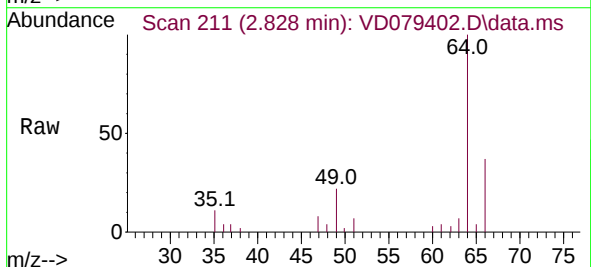
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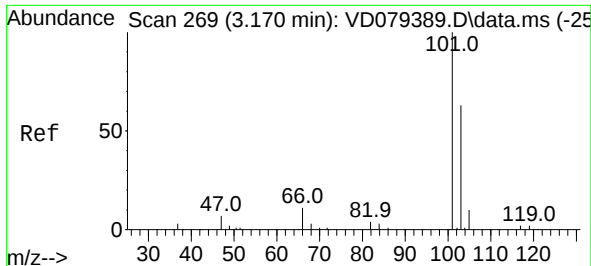
Tgt Ion: 64 Resp: 17655

Ion Ratio Lower Upper

64 100

66 36.6 24.5 36.7

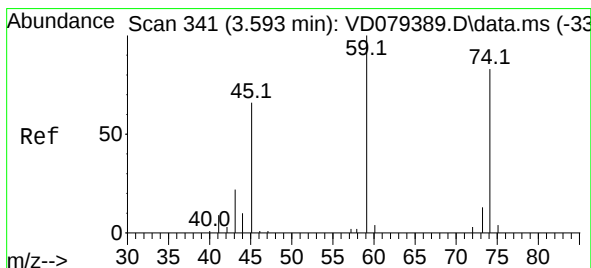
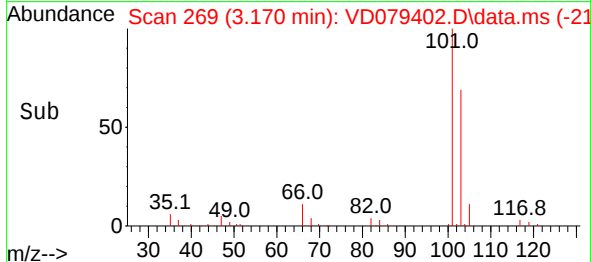
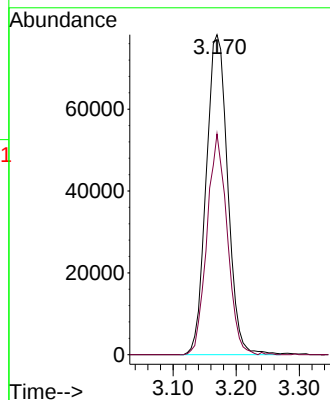
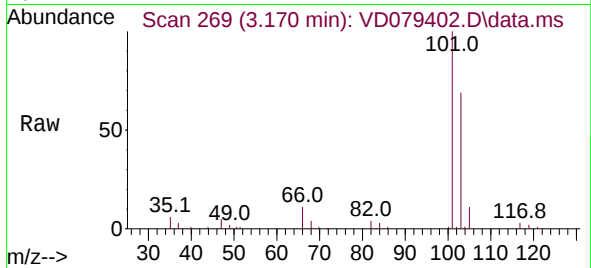




#7
 Trichlorofluoromethane
 Concen: 48.234 ug/l
 RT: 3.170 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

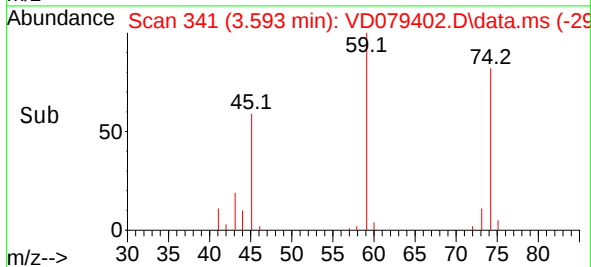
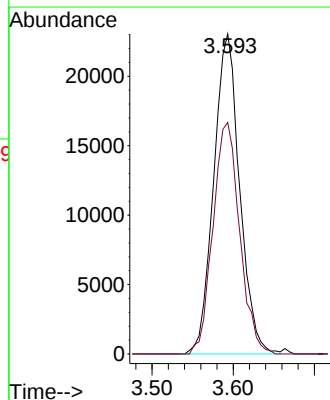
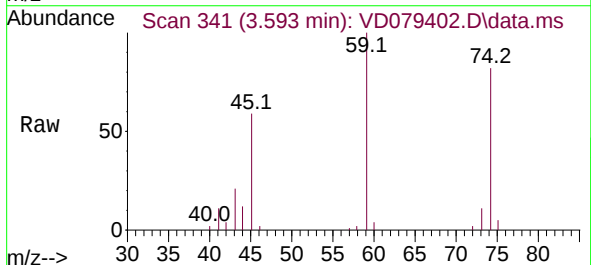
Instrument :
 MSVOA_D
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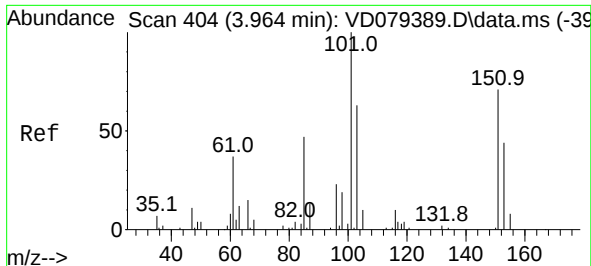
Tgt Ion:101 Resp: 184763
 Ion Ratio Lower Upper
 101 100
 103 69.0 53.2 79.8



#8
 Diethyl Ether
 Concen: 46.555 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

Tgt Ion: 74 Resp: 51152
 Ion Ratio Lower Upper
 74 100
 45 74.3 37.9 113.6

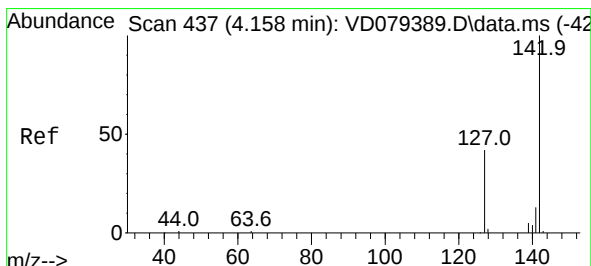
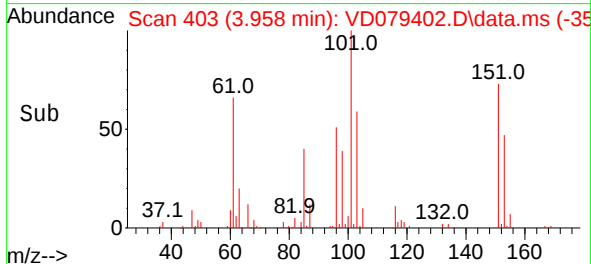
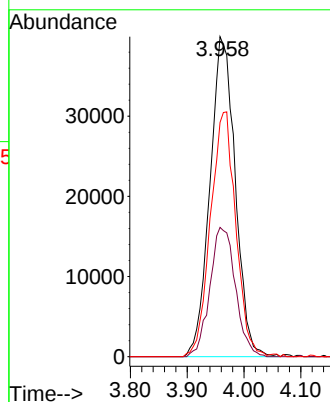
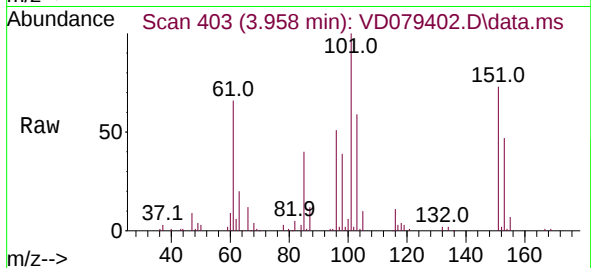




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.808 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

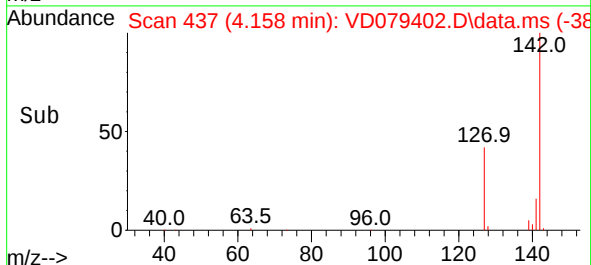
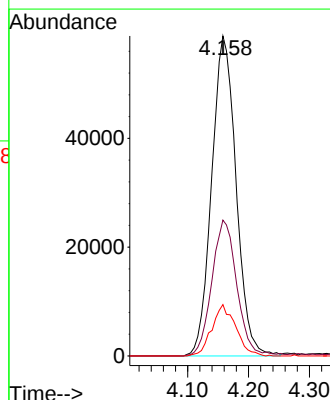
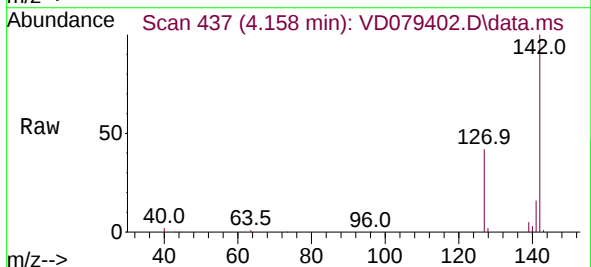
Instrument :
MSVOA_D
ClientSampleId :

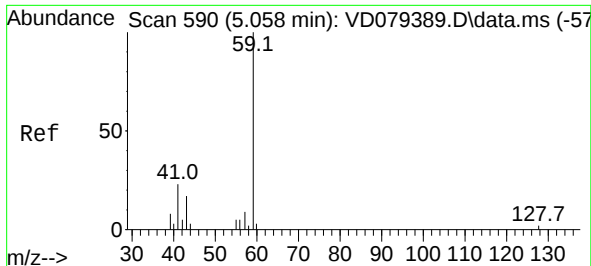
Tgt Ion:101 Resp: 123393
Ion Ratio Lower Upper
101 100
85 40.8 33.5 50.3
151 76.6 60.3 90.5



#10
Methyl Iodide
Concen: 59.183 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion:142 Resp: 163769
Ion Ratio Lower Upper
142 100
127 43.5 34.2 51.4
141 15.7 11.7 17.5

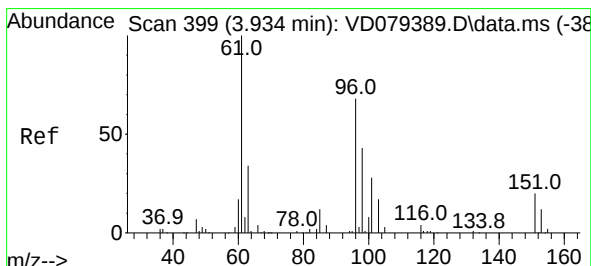
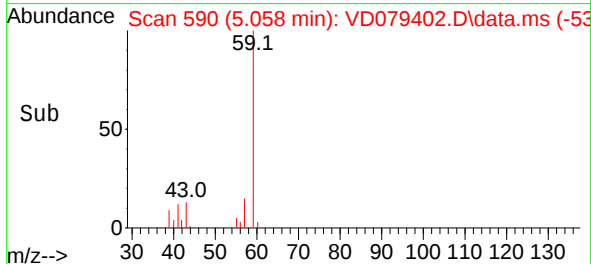
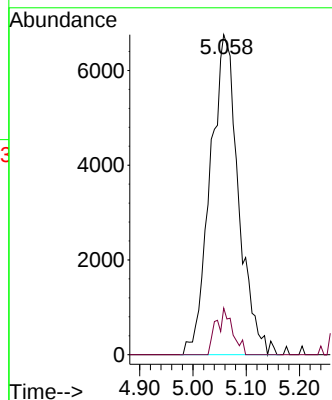
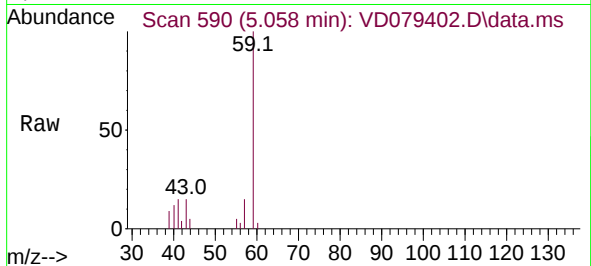




#11
Tert butyl alcohol
Concen: 245.138 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

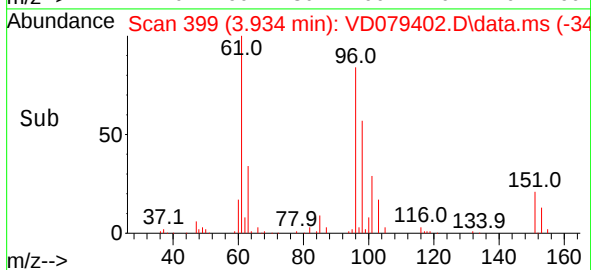
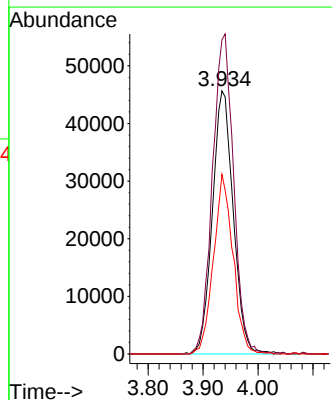
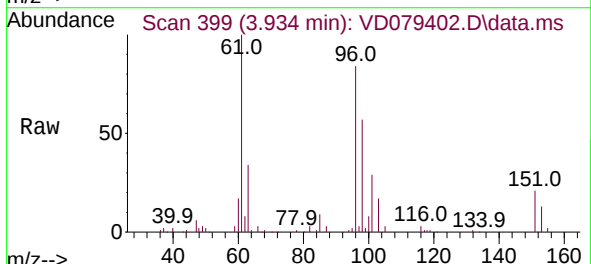
Instrument :
MSVOA_D
ClientSampleId :

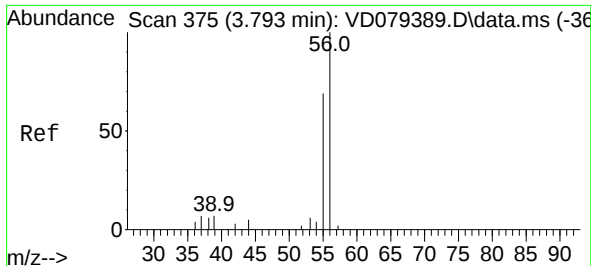
Tgt Ion: 59 Resp: 24920
Ion Ratio Lower Upper
59 100
57 8.4 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 51.373 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 96 Resp: 120520
Ion Ratio Lower Upper
96 100
61 119.5 107.3 160.9
98 68.3 51.7 77.5





#13

Acrolein

Concen: 199.282 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

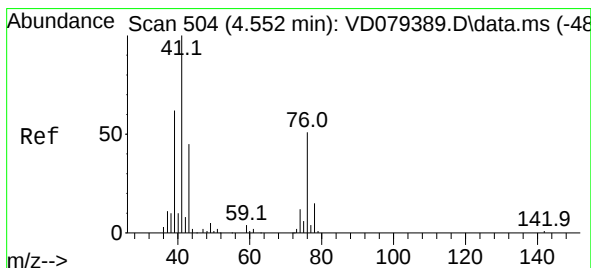
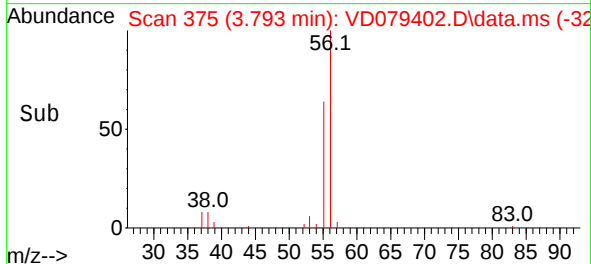
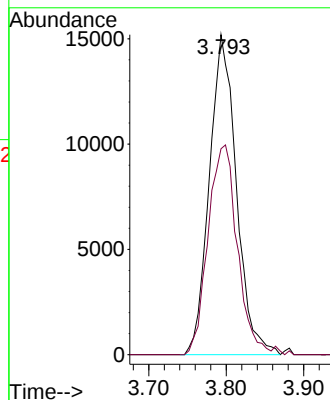
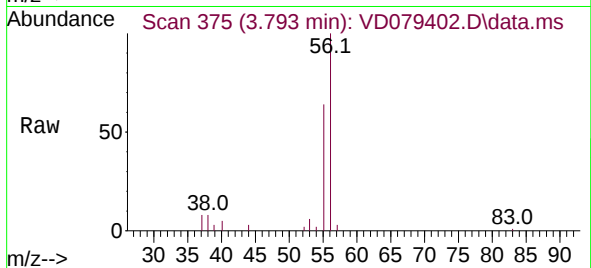
ClientSampleId :

Tgt Ion: 56 Resp: 36831

Ion Ratio Lower Upper

56 100

55 71.4 55.3 82.9



#14

Allyl chloride

Concen: 42.774 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

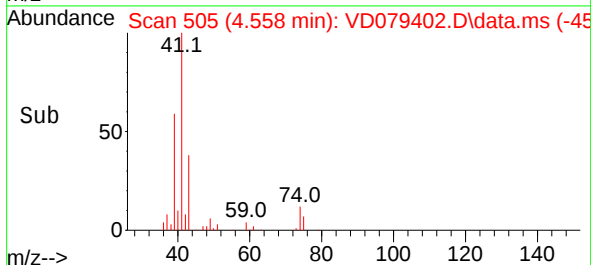
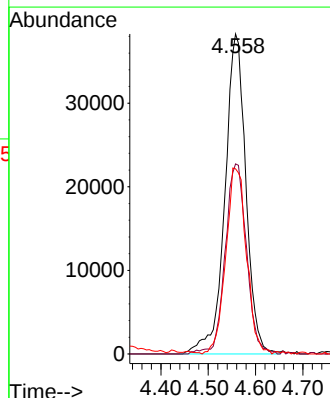
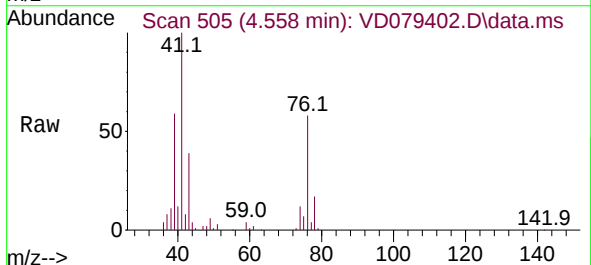
Tgt Ion: 41 Resp: 118032

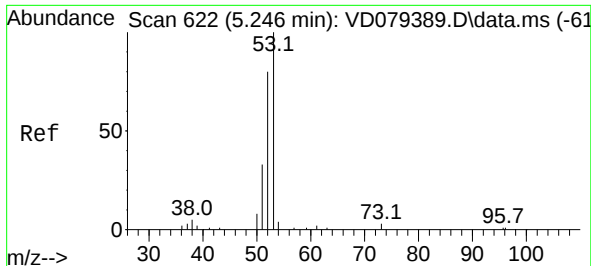
Ion Ratio Lower Upper

41 100

39 60.2 58.0 87.0

76 57.3 45.9 68.9





#15

Acrylonitrile

Concen: 218.016 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

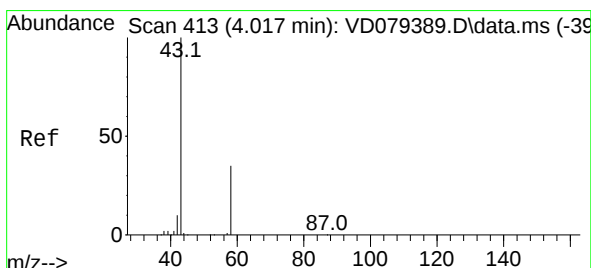
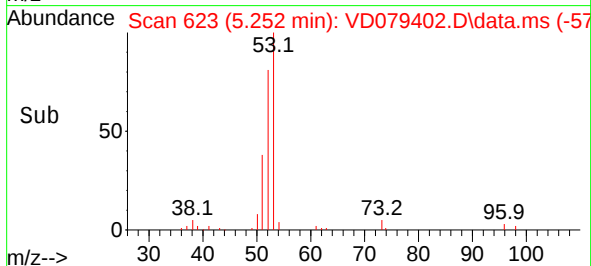
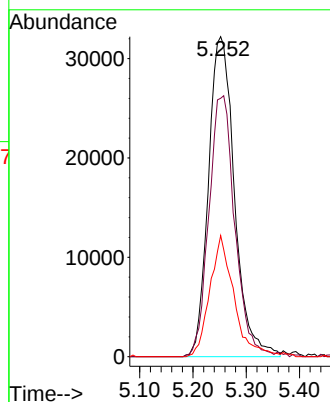
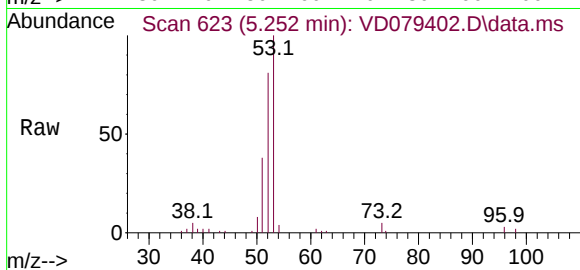
Tgt Ion: 53 Resp: 109254

Ion Ratio Lower Upper

53 100

52 81.1 67.7 101.5

51 35.2 28.6 42.8



#16

Acetone

Concen: 211.715 ug/l

RT: 4.023 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD079402.D

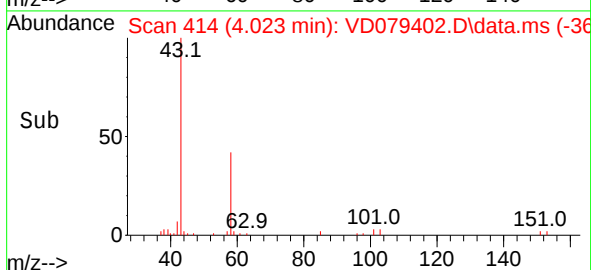
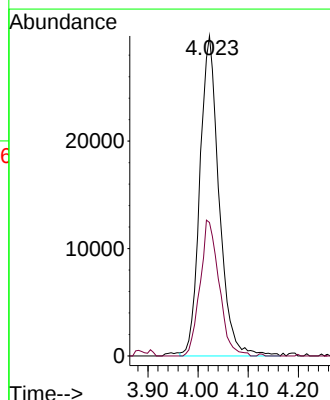
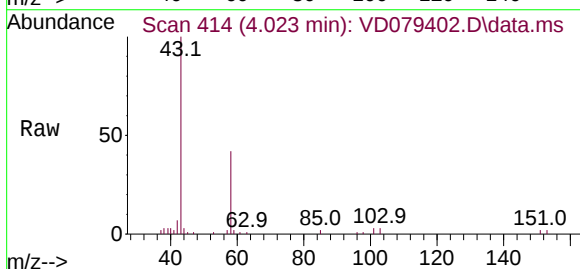
Acq: 25 Jul 2024 12:08

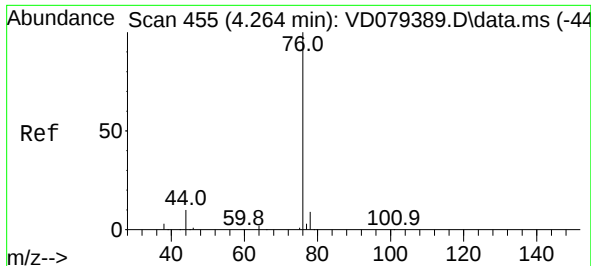
Tgt Ion: 43 Resp: 79234

Ion Ratio Lower Upper

43 100

58 41.7 30.4 45.6

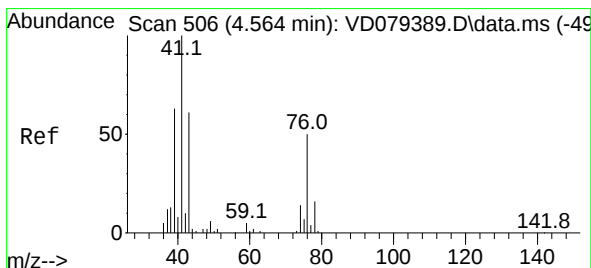
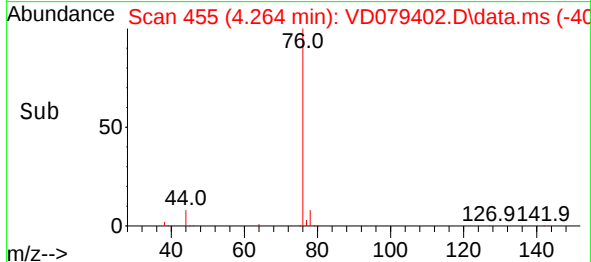
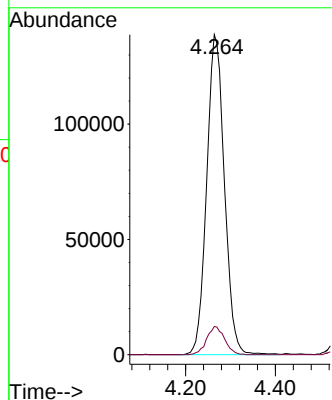
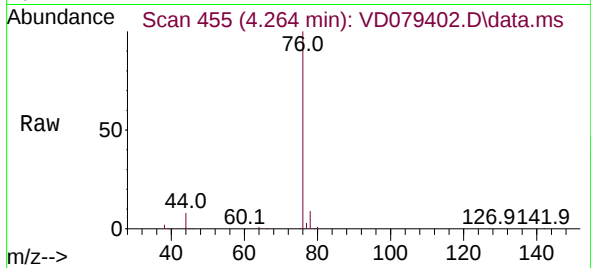




#17
Carbon Disulfide
Concen: 48.140 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

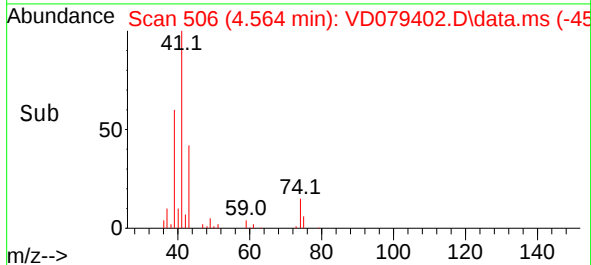
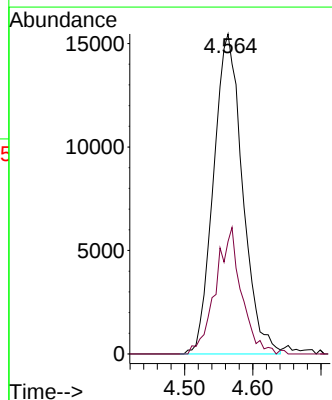
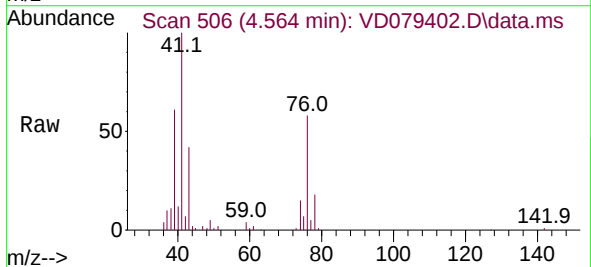
Instrument :
MSVOA_D
ClientSampleId :

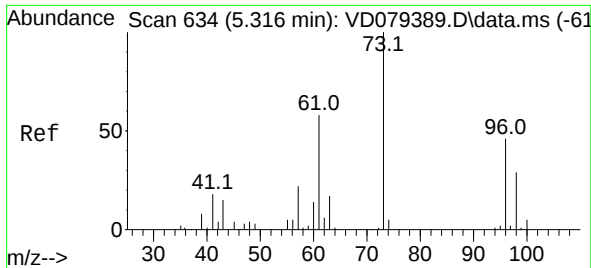
Tgt Ion: 76 Resp: 380730
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 39.717 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 43 Resp: 45796
Ion Ratio Lower Upper
43 100
74 35.1 28.1 42.1





#19

Methyl tert-butyl Ether

Concen: 48.183 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

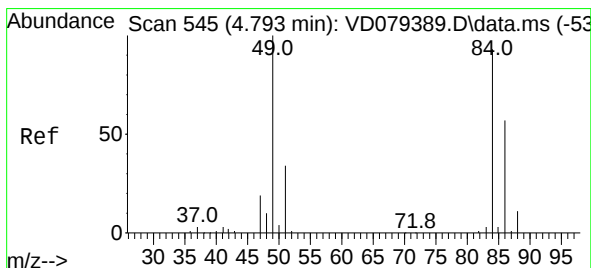
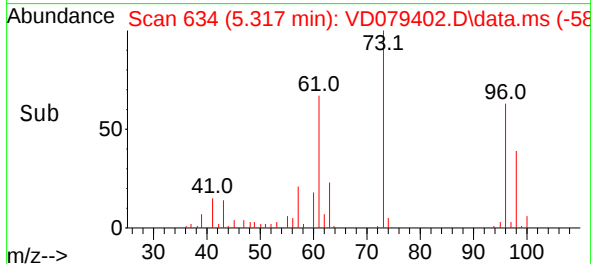
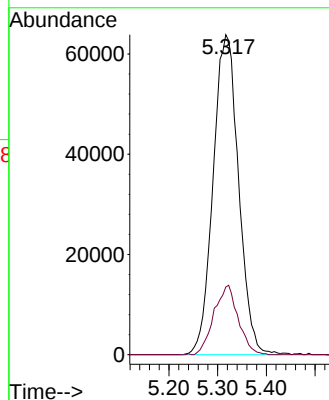
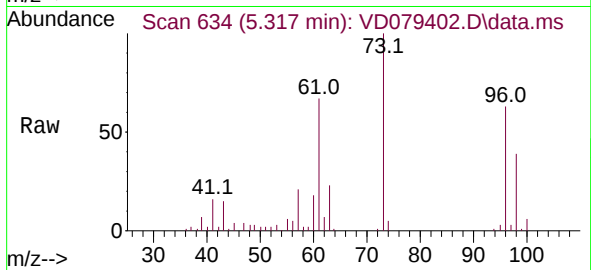
ClientSampleId :

Tgt Ion: 73 Resp: 231825

Ion Ratio Lower Upper

73 100

57 21.1 18.3 27.5



#20

Methylene Chloride

Concen: 49.454 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Tgt Ion: 84 Resp: 154936

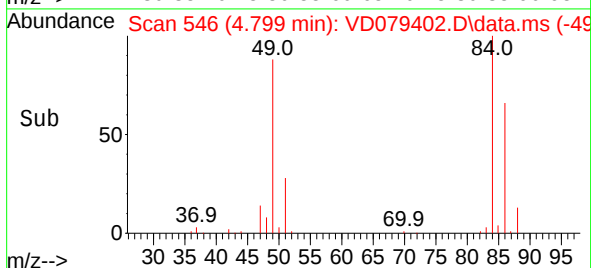
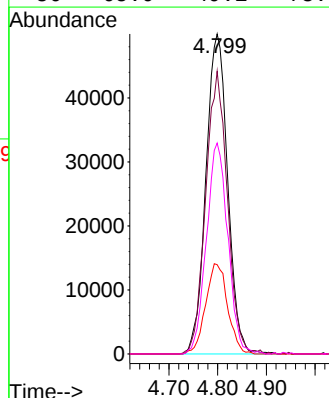
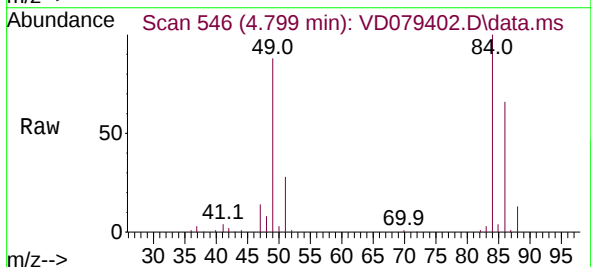
Ion Ratio Lower Upper

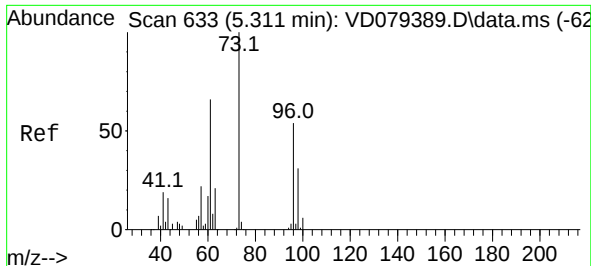
84 100

49 88.3 75.6 113.4

51 27.9 24.2 36.2

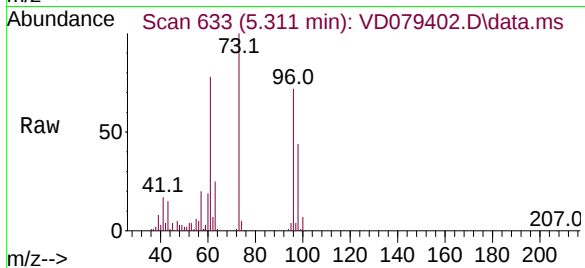
86 65.9 49.2 73.8





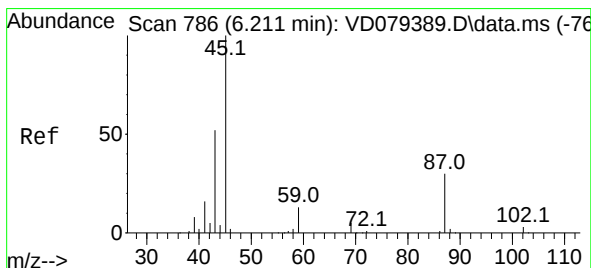
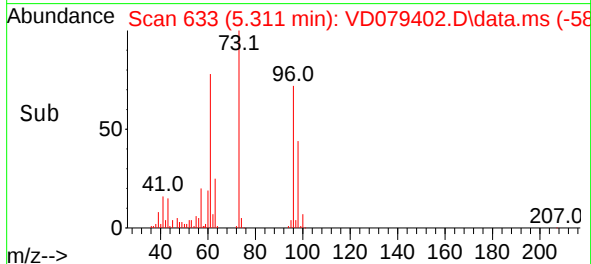
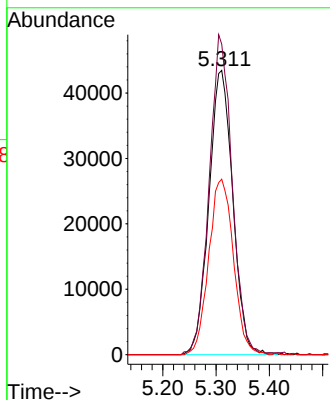
#21
trans-1,2-Dichloroethene
Concen: 51.585 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 135683

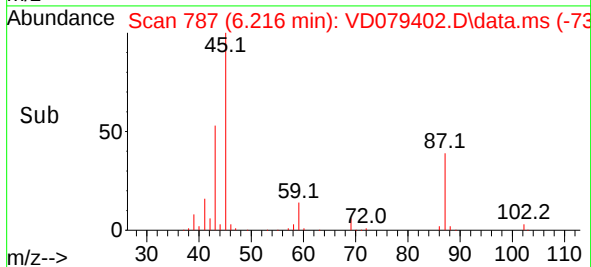
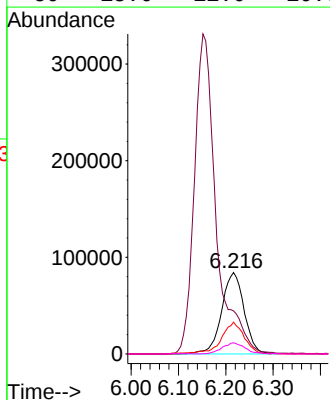
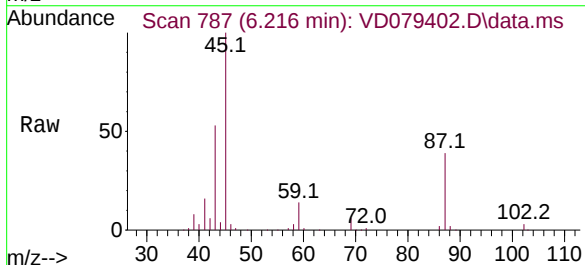
Ion	Ratio	Lower	Upper
96	100		
61	109.2	84.5	126.7
98	61.7	50.5	75.7

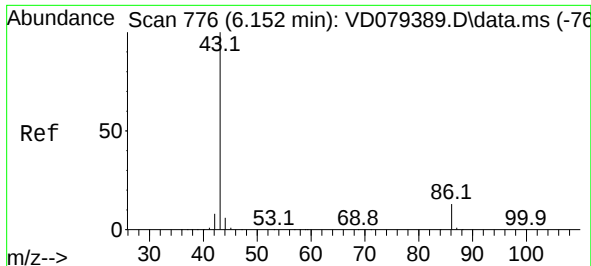


#22
Diisopropyl ether
Concen: 44.669 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 45 Resp: 278244

Ion	Ratio	Lower	Upper
45	100		
43	52.0	41.7	62.5
87	38.9	30.2	45.2
59	13.6	11.0	16.6

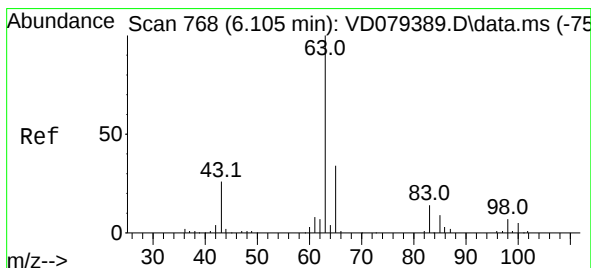
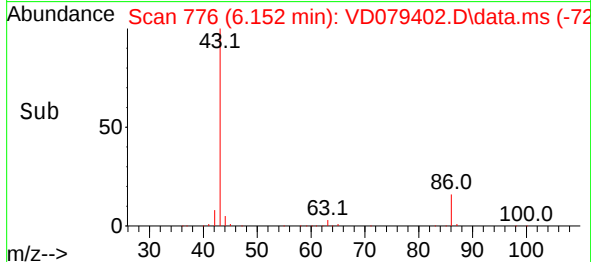
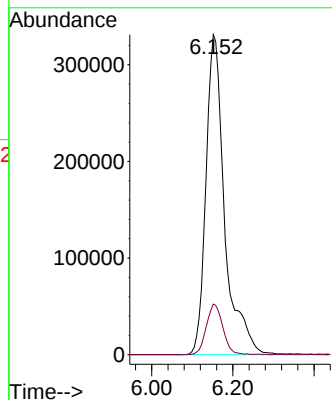
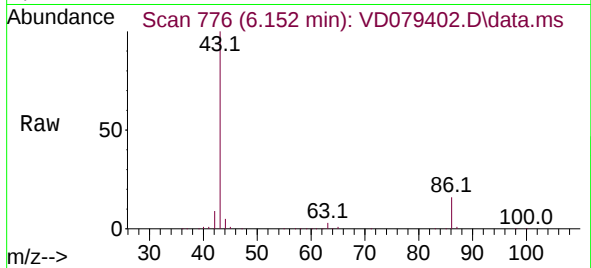




#23
 Vinyl Acetate
 Concen: 224.999 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

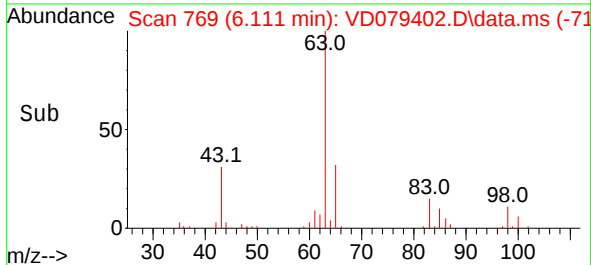
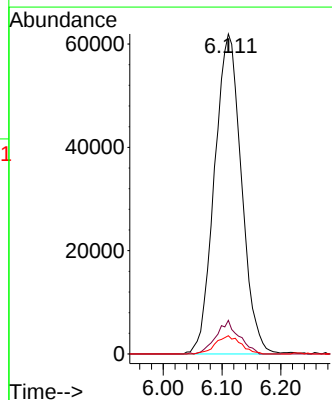
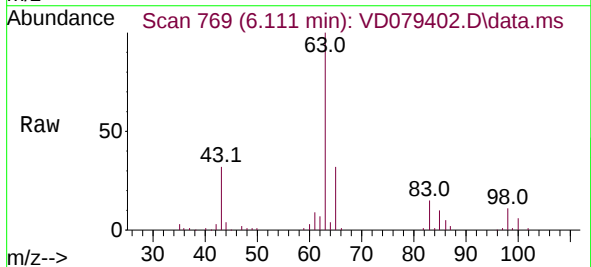
Instrument :
 MSVOA_D
 ClientSampleId :

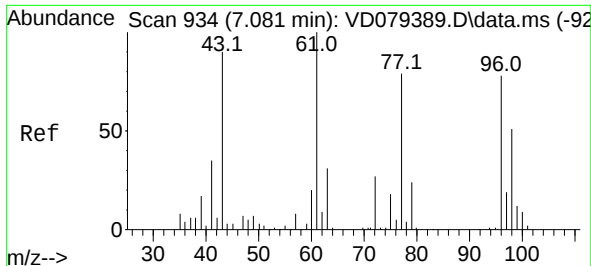
Tgt Ion: 43 Resp: 1058071
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 43.741 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

Tgt Ion: 63 Resp: 197525
 Ion Ratio Lower Upper
 63 100
 98 10.5 4.7 14.0
 100 5.7 2.9 8.6





#25

2-Butanone

Concen: 217.445 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

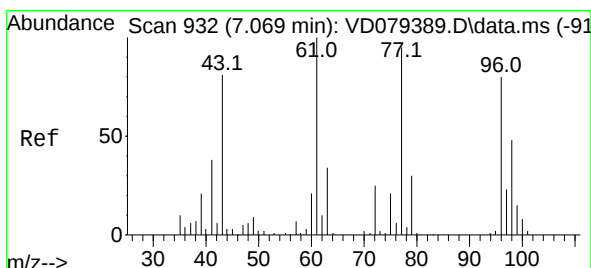
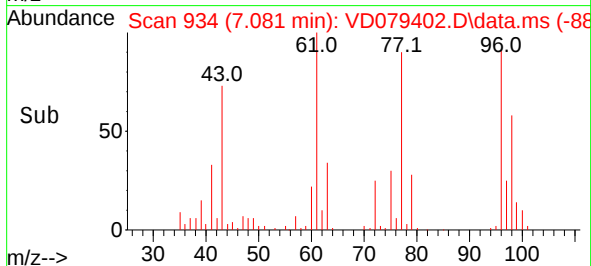
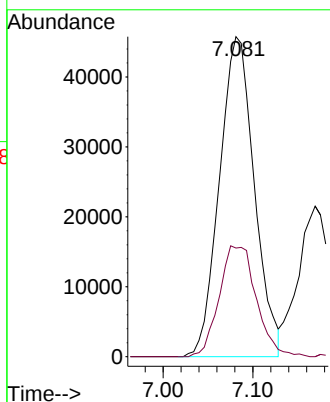
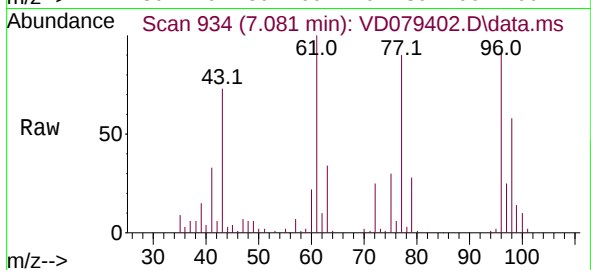
ClientSampleId :

Tgt Ion: 43 Resp: 123410

Ion Ratio Lower Upper

43 100

72 33.9 26.4 39.6



#26

2,2-Dichloropropane

Concen: 45.719 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD079402.D

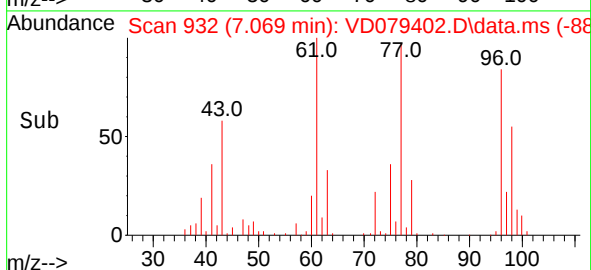
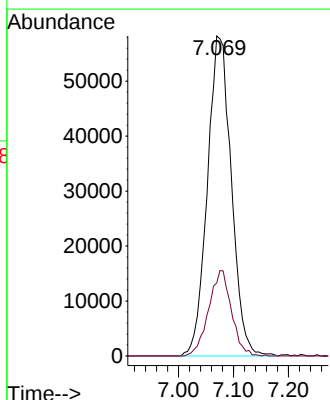
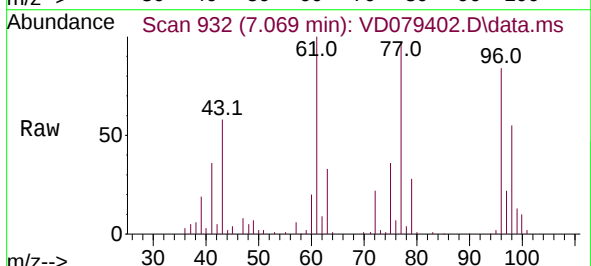
Acq: 25 Jul 2024 12:08

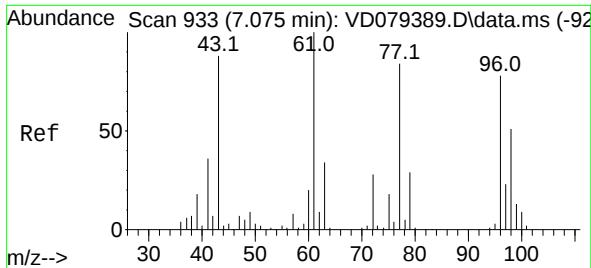
Tgt Ion: 77 Resp: 176309

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.2

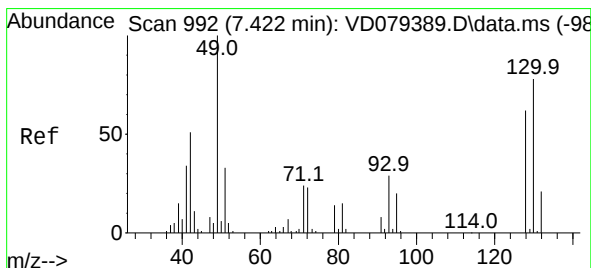
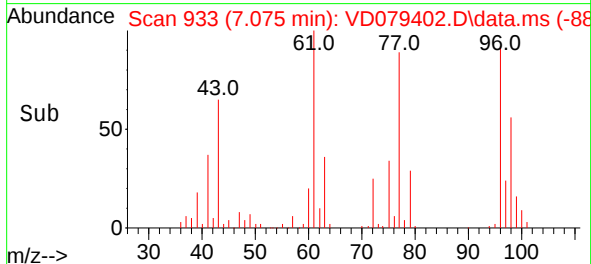
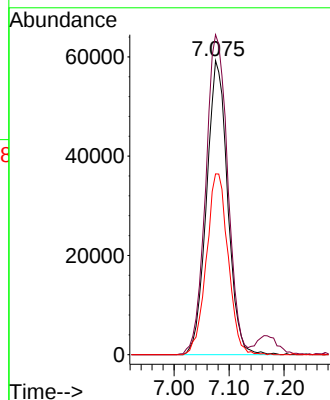
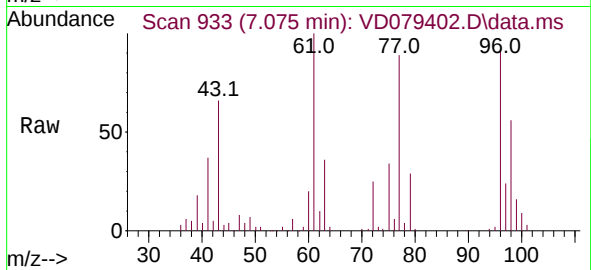




#27
cis-1,2-Dichloroethene
Concen: 51.604 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

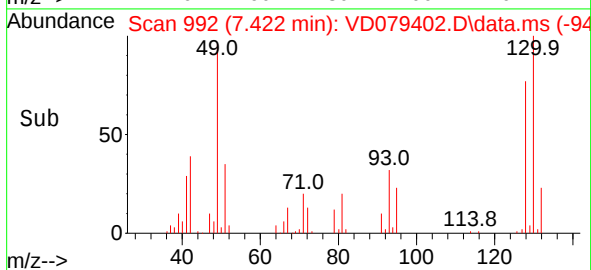
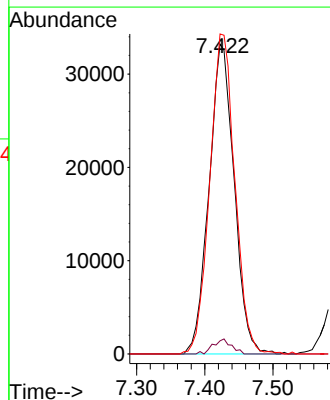
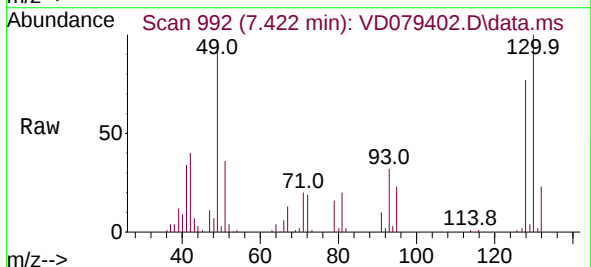
Instrument :
MSVOA_D
ClientSampleId :

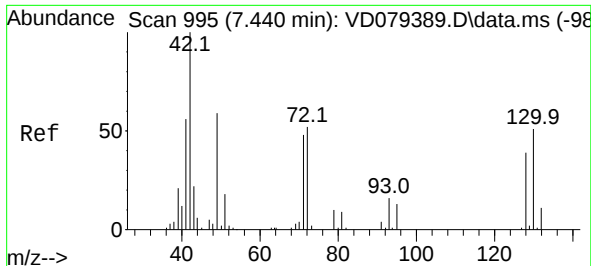
Tgt Ion: 96 Resp: 157926
Ion Ratio Lower Upper
96 100
61 113.6 0.0 229.0
98 63.3 0.0 127.2



#28
Bromochloromethane
Concen: 45.932 ug/l
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

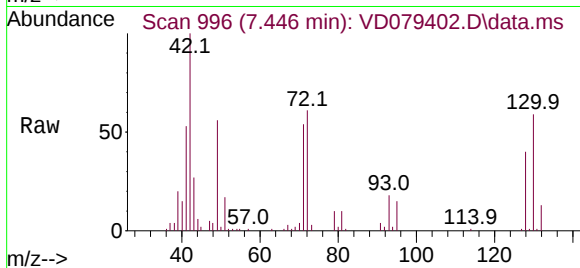
Tgt Ion: 49 Resp: 85295
Ion Ratio Lower Upper
49 100
129 3.5 0.0 7.0
130 102.9 87.7 131.5



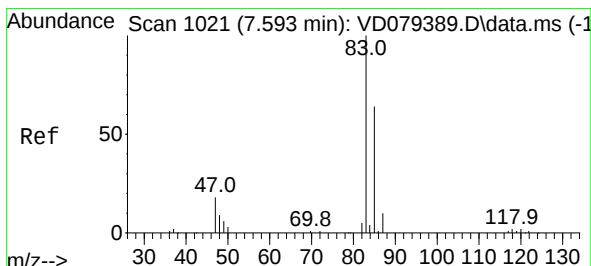
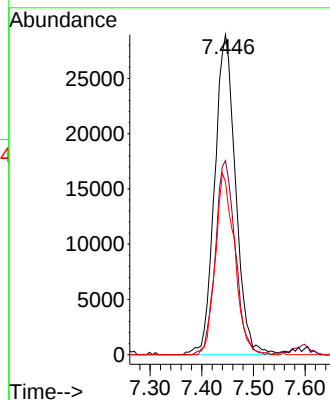
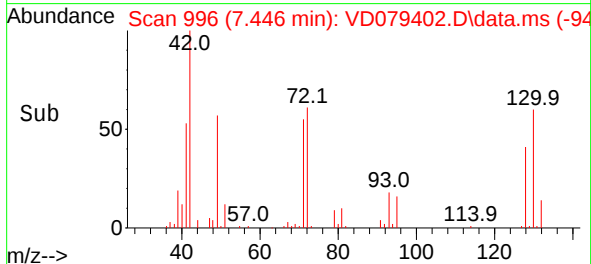


#29
Tetrahydrofuran
Concen: 230.789 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

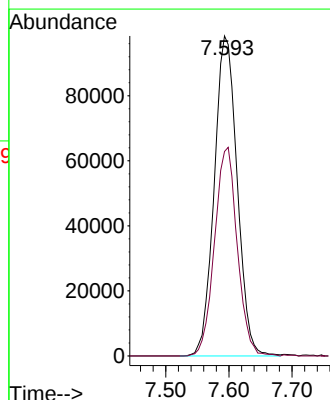
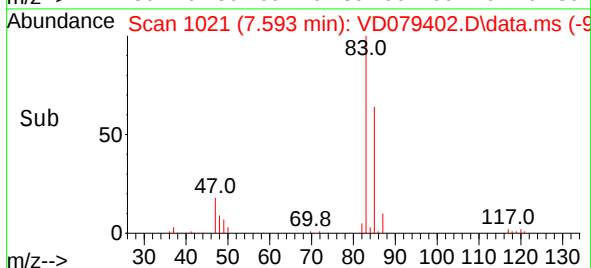
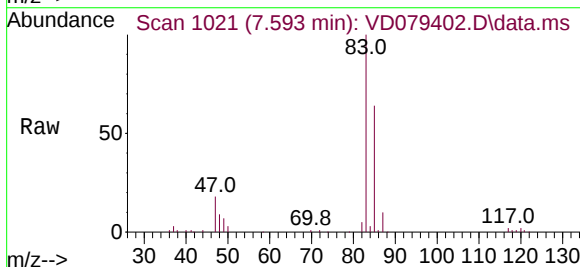


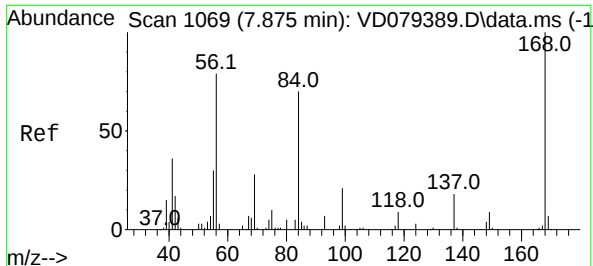
Tgt Ion: 42 Resp: 81535
Ion Ratio Lower Upper
42 100
72 57.4 49.4 74.0
71 52.4 45.0 67.6



#30
Chloroform
Concen: 50.298 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 83 Resp: 248190
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.6





#31

Cyclohexane

Concen: 49.838 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

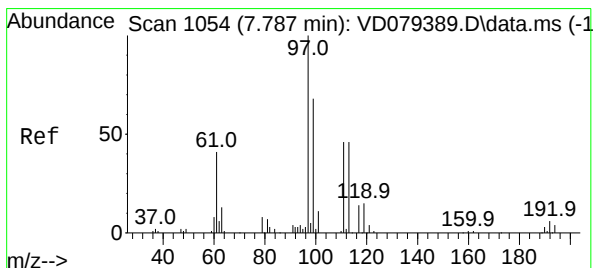
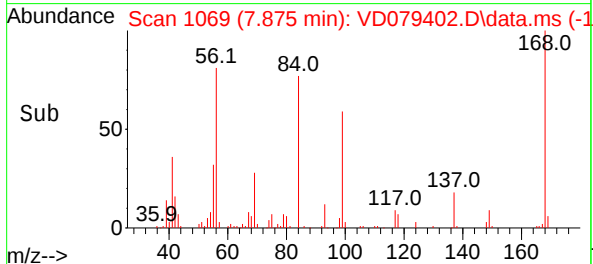
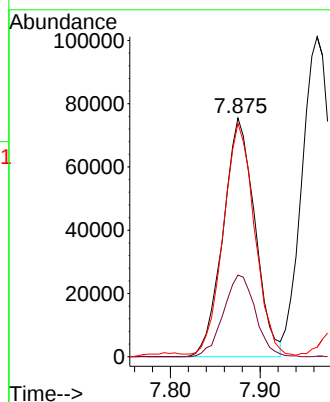
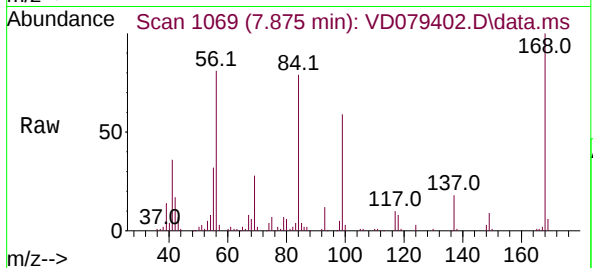
Tgt Ion: 56 Resp: 185701

Ion Ratio Lower Upper

56 100

69 34.2 28.0 42.0

84 96.6 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 50.084 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

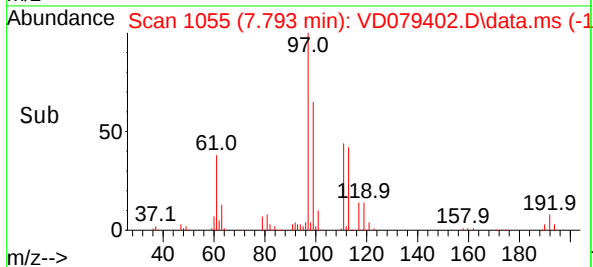
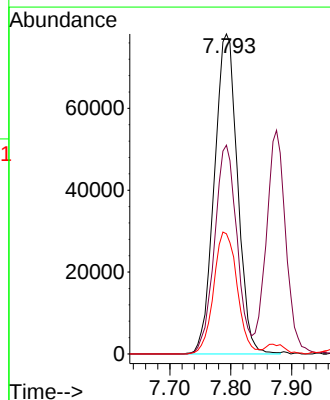
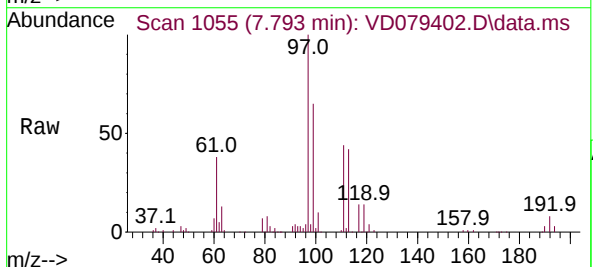
Tgt Ion: 97 Resp: 206698

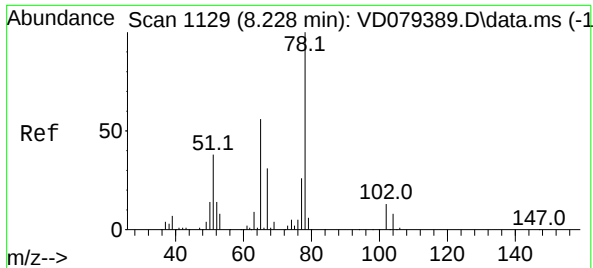
Ion Ratio Lower Upper

97 100

99 63.2 51.3 76.9

61 38.8 31.4 47.2

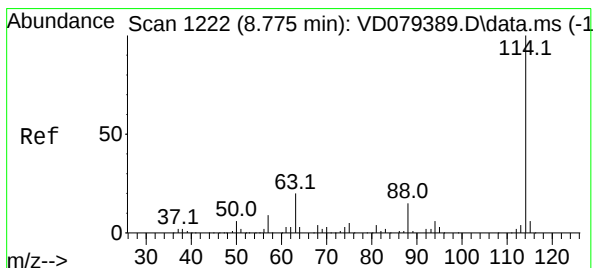
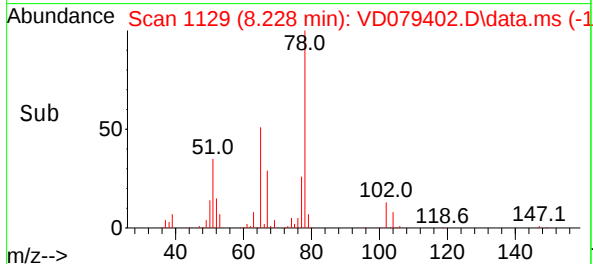
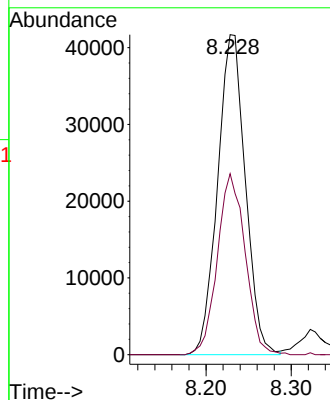
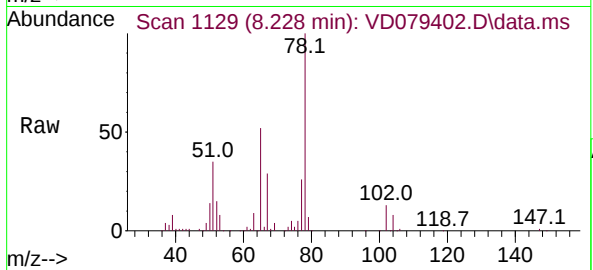




#33
 1,2-Dichloroethane-d4
 Concen: 45.347 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

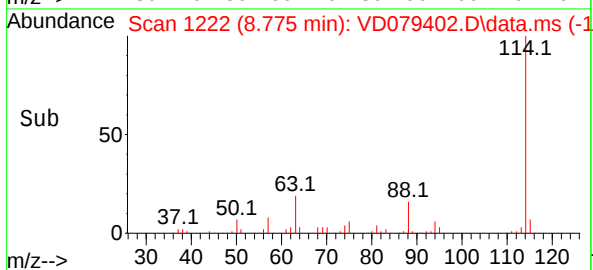
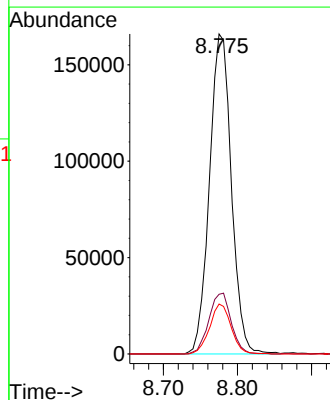
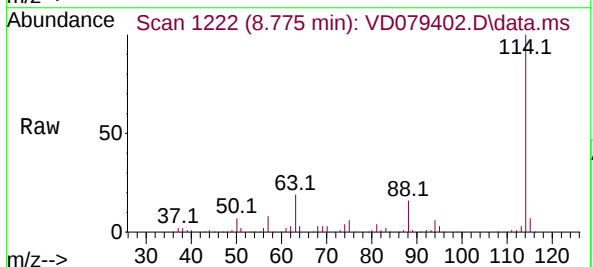
Instrument :
 MSVOA_D
 ClientSampleId :

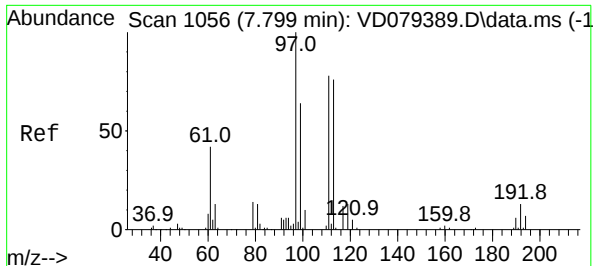
Tgt Ion: 65 Resp: 94468
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

Tgt Ion: 114 Resp: 341160
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.0
 88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.531 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

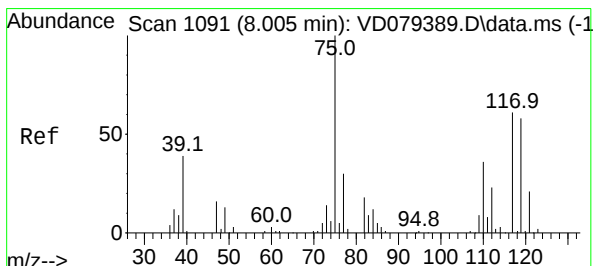
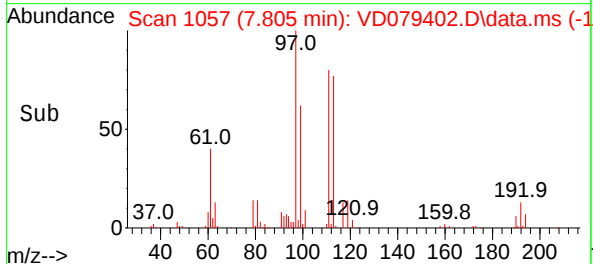
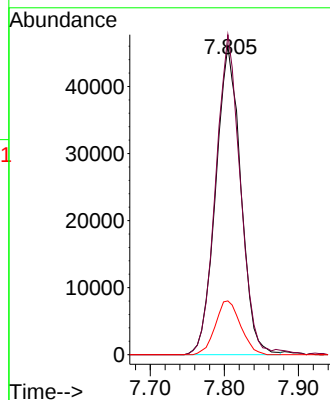
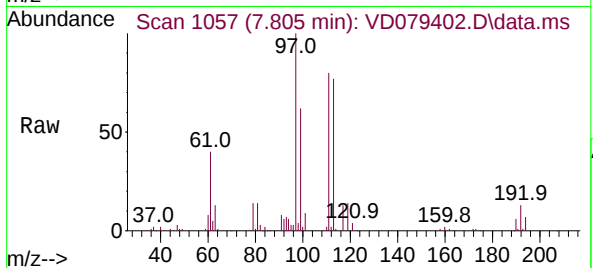
Tgt Ion:113 Resp: 108086

Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 17.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 53.320 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

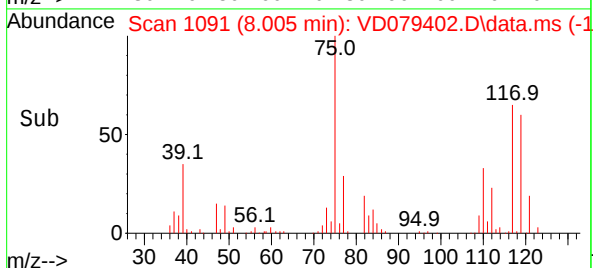
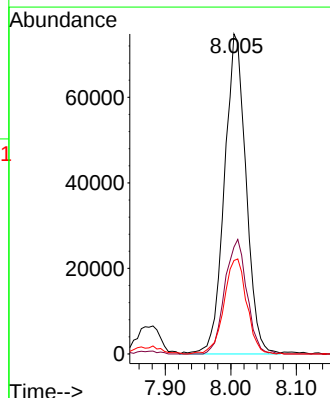
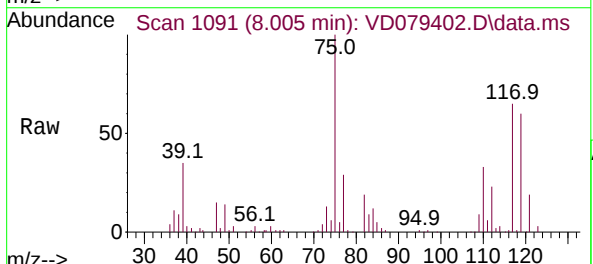
Tgt Ion: 75 Resp: 171205

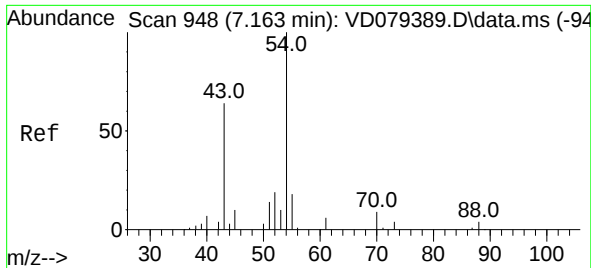
Ion Ratio Lower Upper

75 100

110 36.6 19.6 58.7

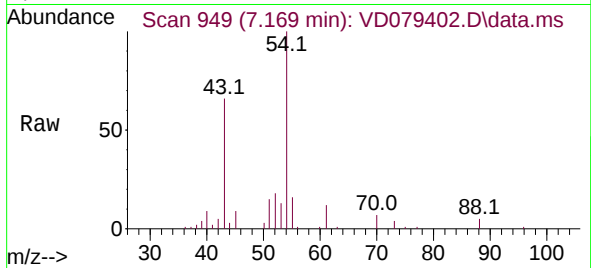
77 31.2 26.1 39.1



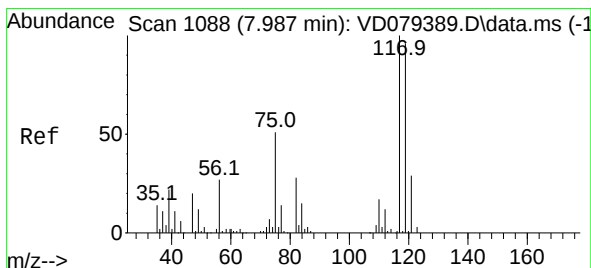
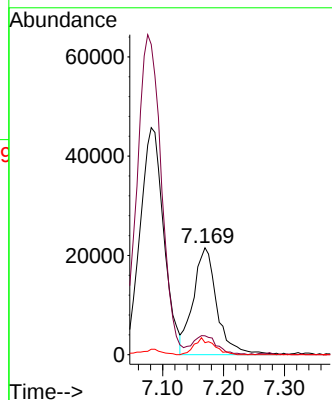
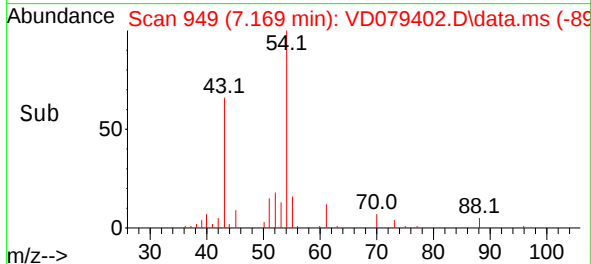


#37
Ethyl Acetate
Concen: 48.462 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

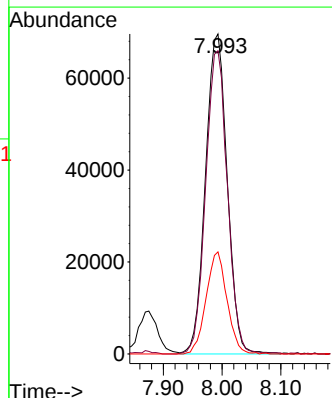
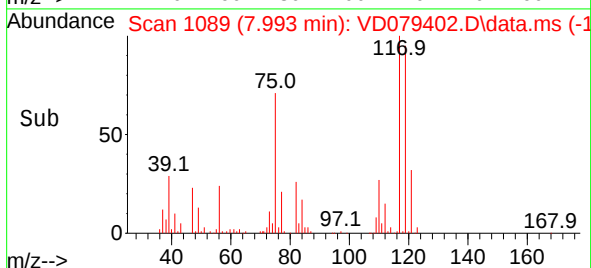
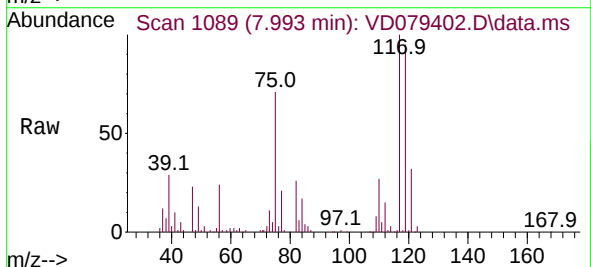


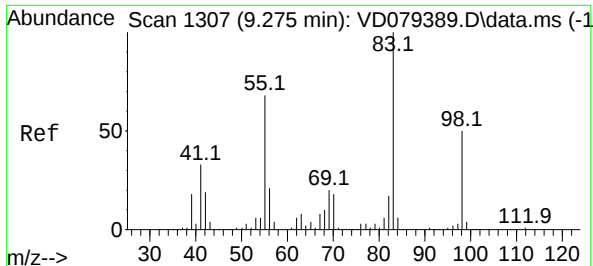
Tgt Ion: 43 Resp: 58271
Ion Ratio Lower Upper
43 100
61 18.6 13.9 20.9
70 12.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 50.874 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion:117 Resp: 178876
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0
121 31.9 25.0 37.4

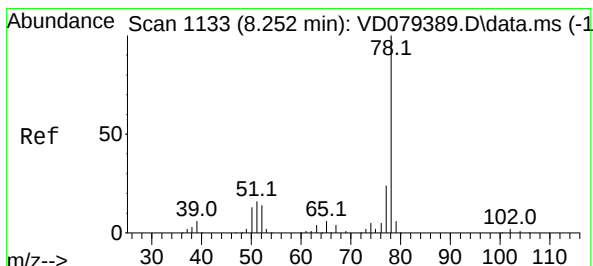
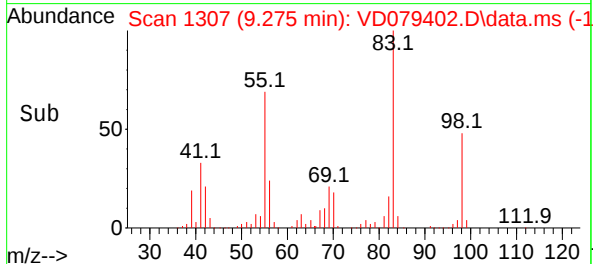
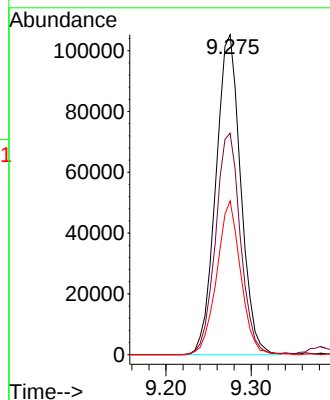
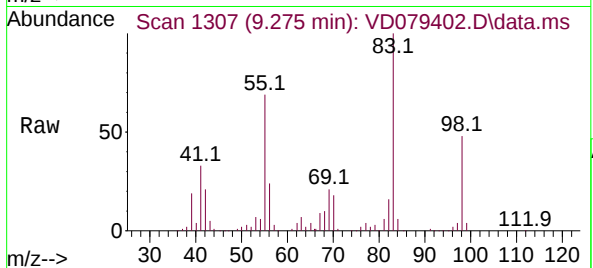




#39
Methylcyclohexane
Concen: 55.477 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

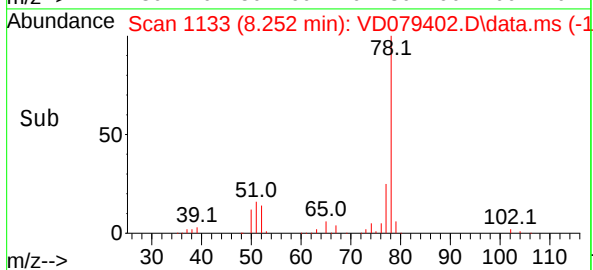
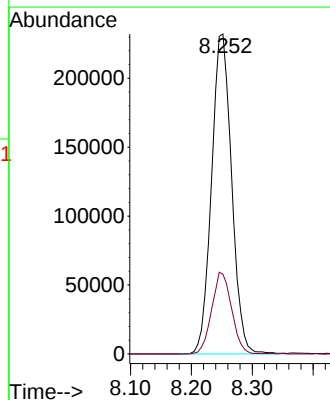
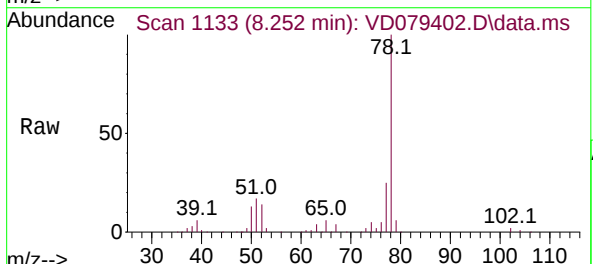
Instrument :
MSVOA_D
ClientSampleId :

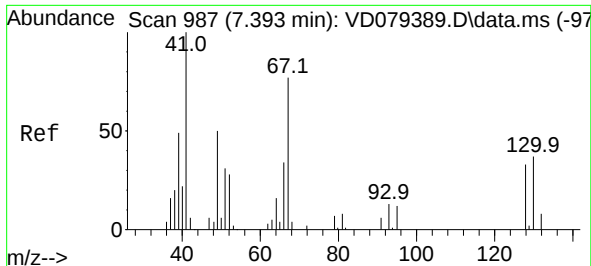
Tgt Ion: 83 Resp: 213577
Ion Ratio Lower Upper
83 100
55 69.2 50.1 75.1
98 48.0 41.9 62.9



#40
Benzene
Concen: 52.429 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

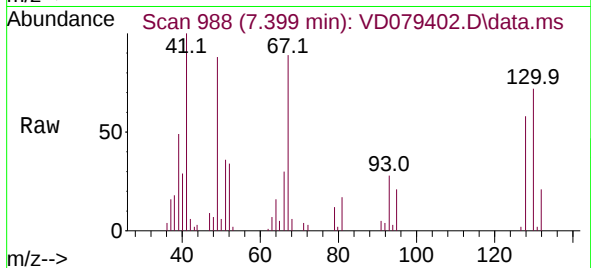
Tgt Ion: 78 Resp: 532323
Ion Ratio Lower Upper
78 100
77 24.9 18.1 27.1



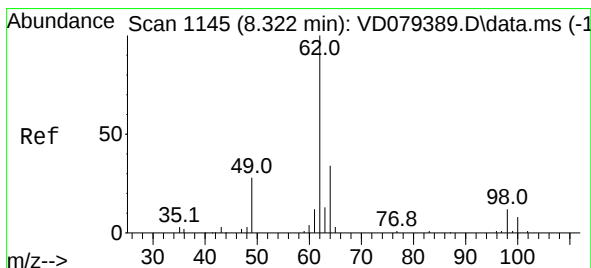
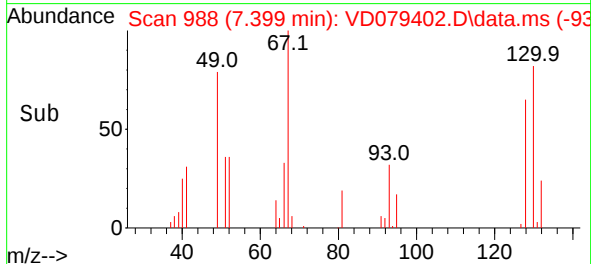
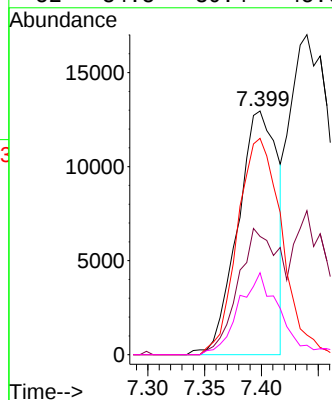


#41
Methacrylonitrile
Concen: 47.920 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

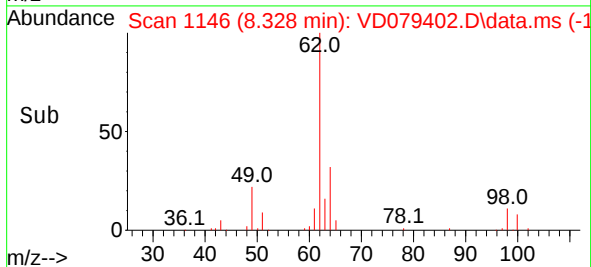
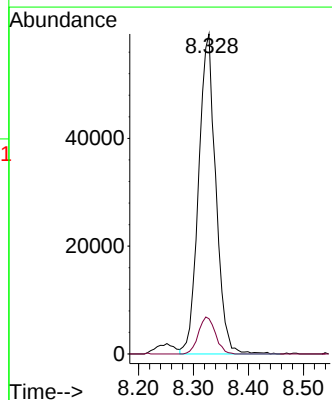
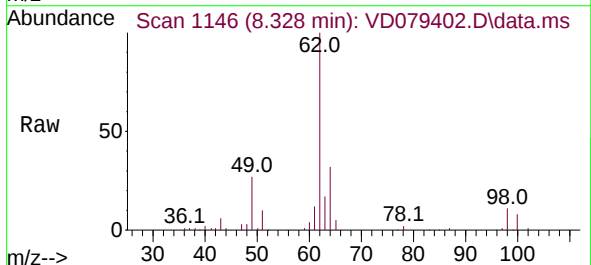


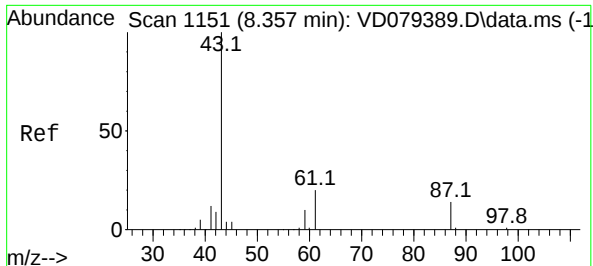
Tgt Ion: 41 Resp: 31656
Ion Ratio Lower Upper
41 100
39 55.0 41.4 62.0
67 98.7 85.8 128.6
52 34.8 30.4 45.6



#42
1,2-Dichloroethane
Concen: 52.456 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 62 Resp: 129090
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.8





#43

Isopropyl Acetate

Concen: 53.311 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

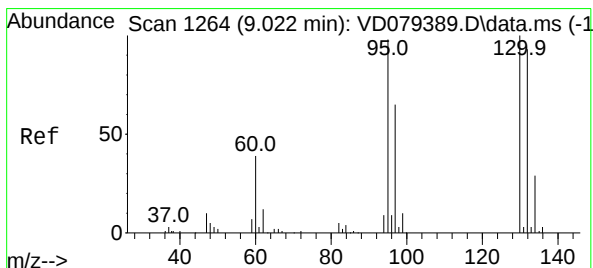
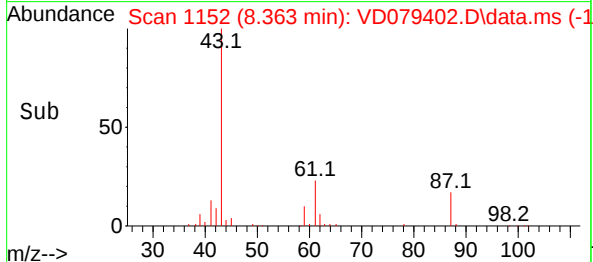
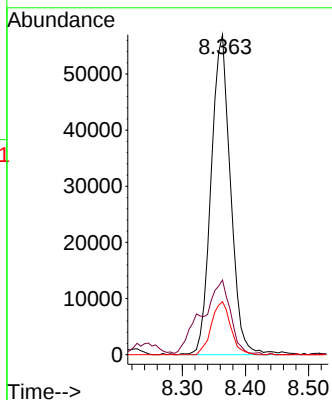
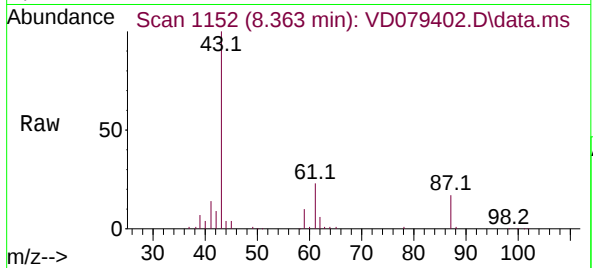
Tgt Ion: 43 Resp: 121532

Ion Ratio Lower Upper

43 100

61 34.6 29.3 43.9

87 16.4 14.9 22.3



#44

Trichloroethene

Concen: 51.836 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079402.D

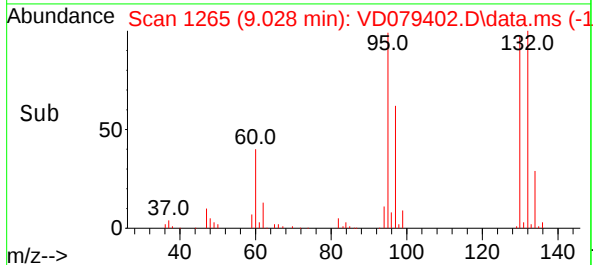
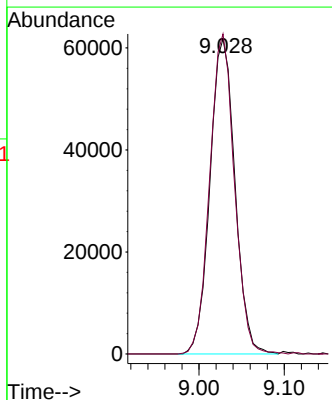
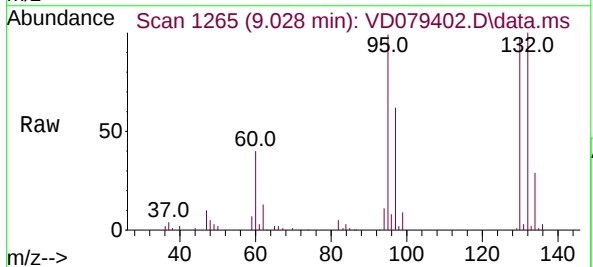
Acq: 25 Jul 2024 12:08

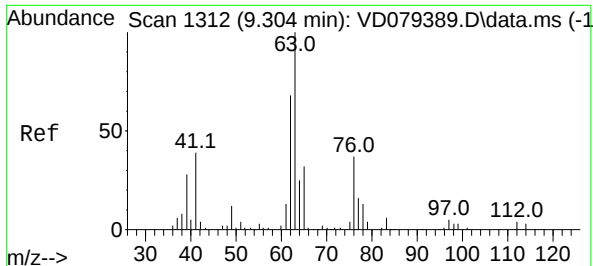
Tgt Ion:130 Resp: 125680

Ion Ratio Lower Upper

130 100

95 101.6 0.0 177.8

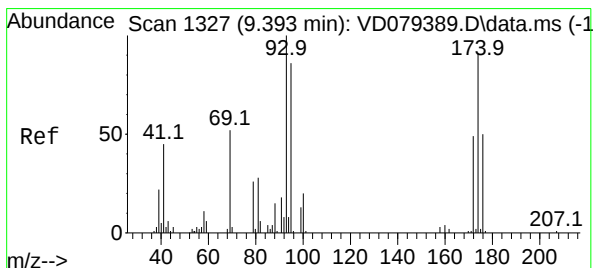
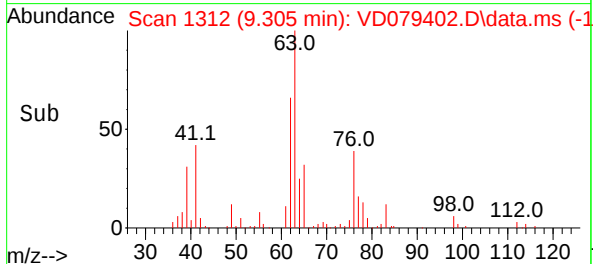
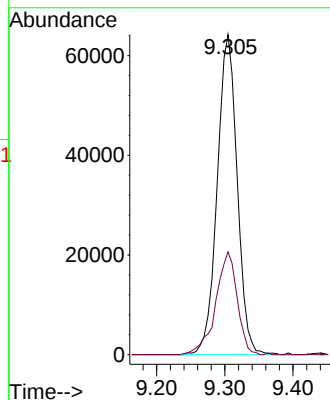
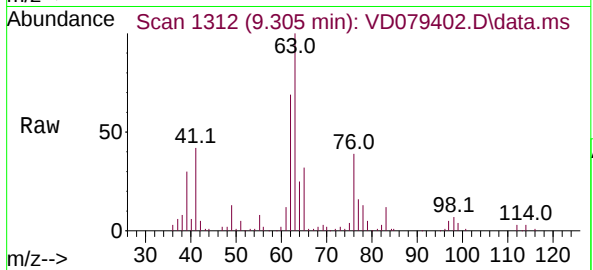




#45
1,2-Dichloropropane
Concen: 53.480 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

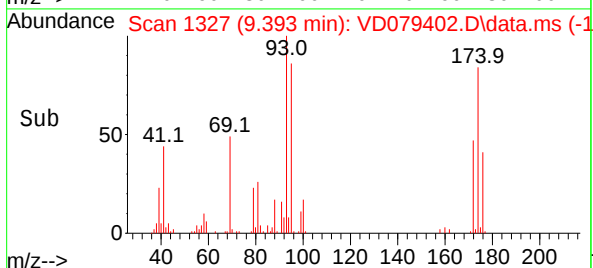
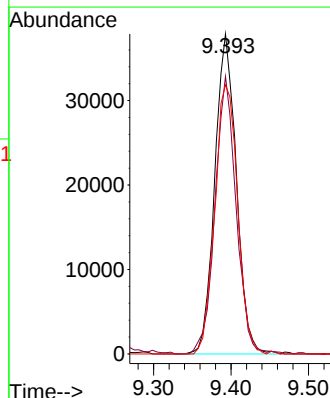
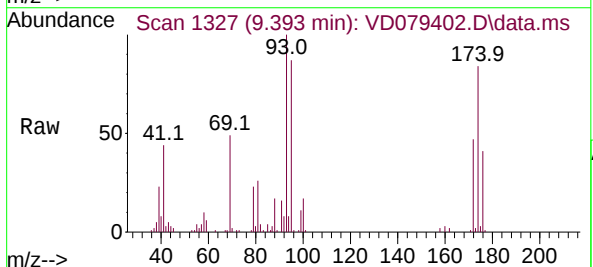
Instrument :
MSVOA_D
ClientSampleId :

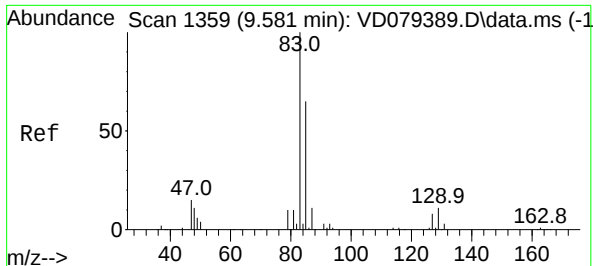
Tgt Ion: 63 Resp: 131082
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.8



#46
Dibromomethane
Concen: 50.946 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 93 Resp: 73358
Ion Ratio Lower Upper
93 100
95 85.2 65.6 98.4
174 88.9 82.3 123.5





#47

Bromodichloromethane

Concen: 52.134 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

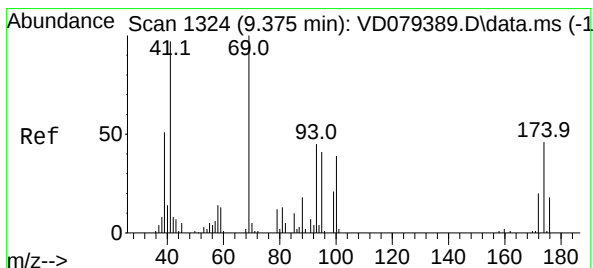
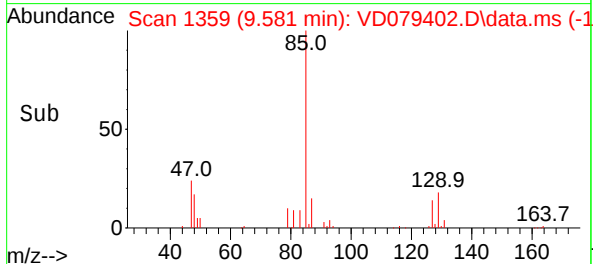
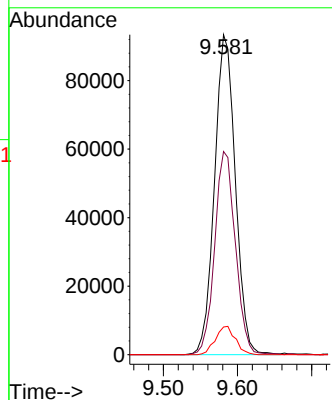
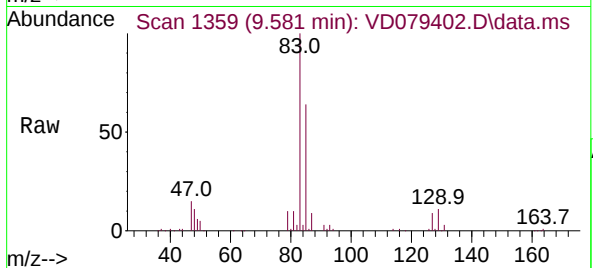
Tgt Ion: 83 Resp: 182513

Ion Ratio Lower Upper

83 100

85 63.5 50.1 75.1

127 8.6 6.8 10.2



#48

Methyl methacrylate

Concen: 55.015 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

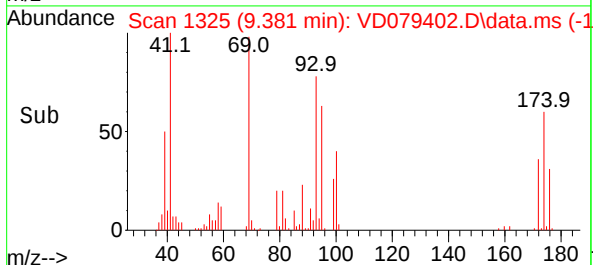
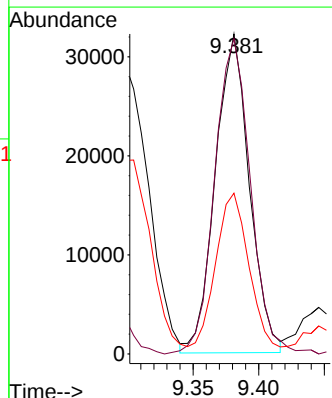
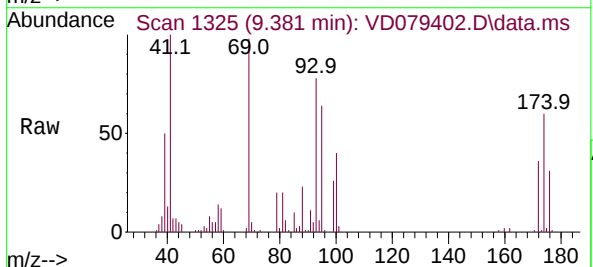
Tgt Ion: 41 Resp: 58078

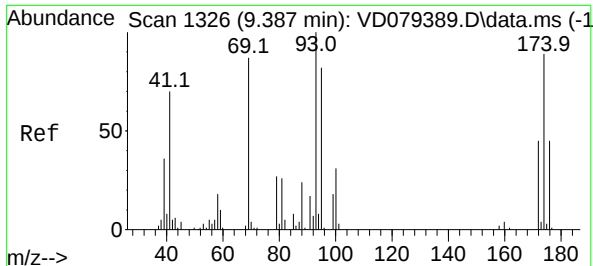
Ion Ratio Lower Upper

41 100

69 104.2 96.7 145.1

39 46.7 43.8 65.6





#49

1,4-Dioxane

Concen: 1132.963 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

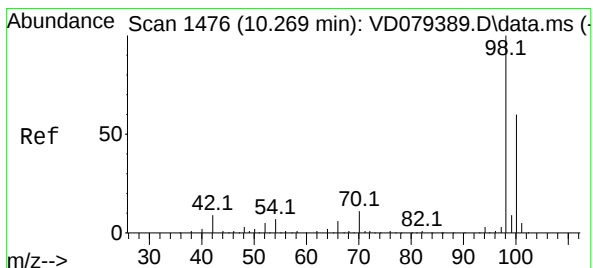
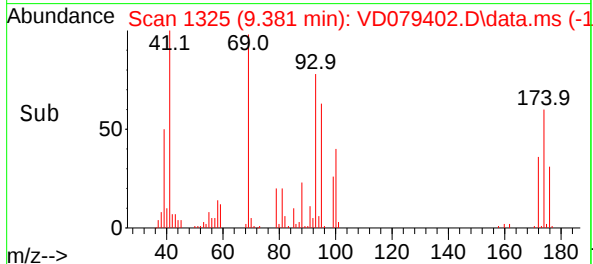
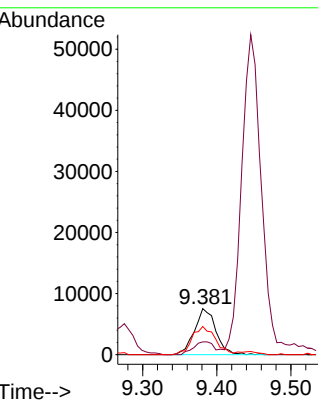
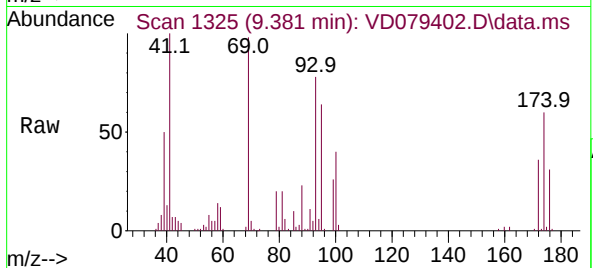
Tgt Ion: 88 Resp: 15175

Ion Ratio Lower Upper

88 100

43 25.8 21.5 32.3

58 65.9 42.2 63.4#



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079402.D

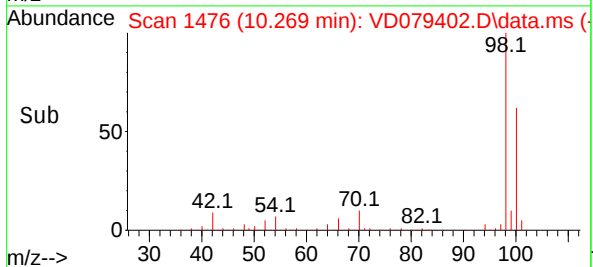
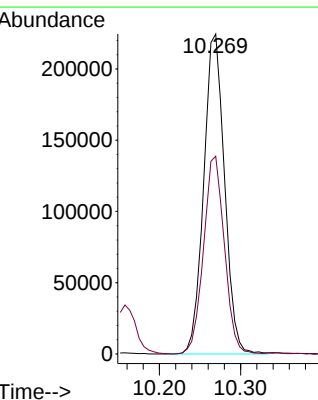
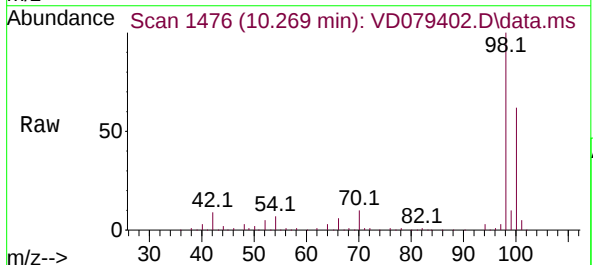
Acq: 25 Jul 2024 12:08

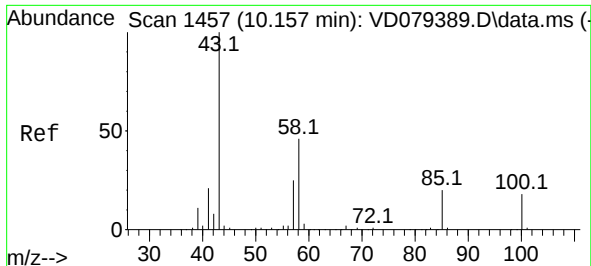
Tgt Ion: 98 Resp: 400454

Ion Ratio Lower Upper

98 100

100 62.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 275.710 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

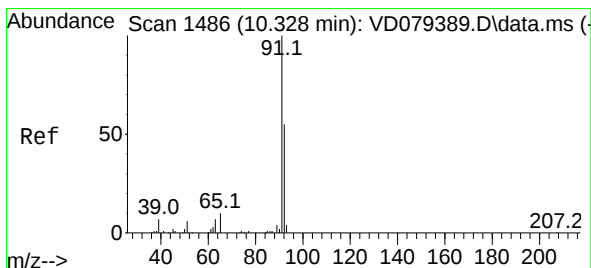
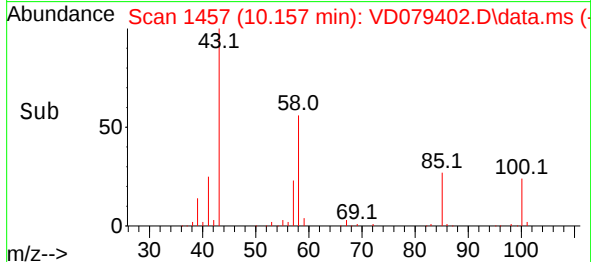
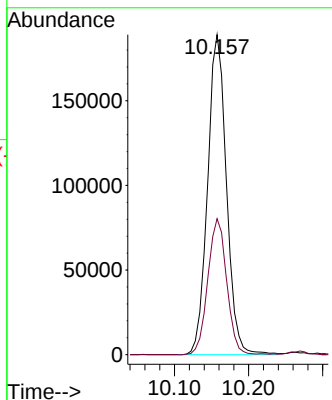
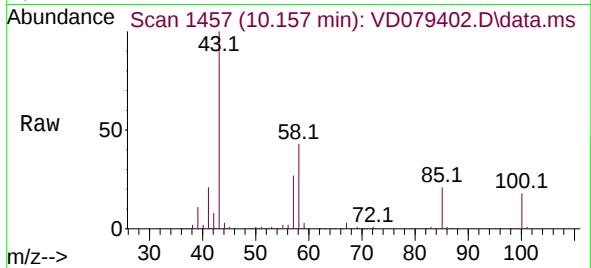
ClientSampleId :

Tgt Ion: 43 Resp: 334787

Ion Ratio Lower Upper

43 100

58 42.5 36.6 55.0



#52

Toluene

Concen: 54.485 ug/l

RT: 10.328 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VD079402.D

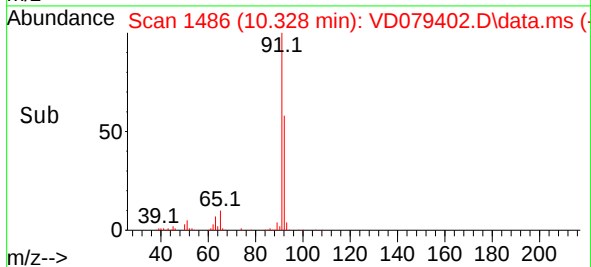
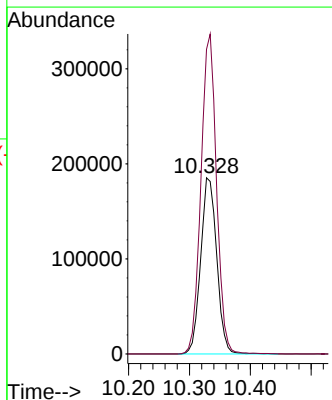
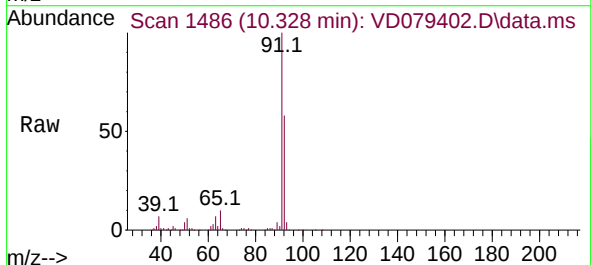
Acq: 25 Jul 2024 12:08

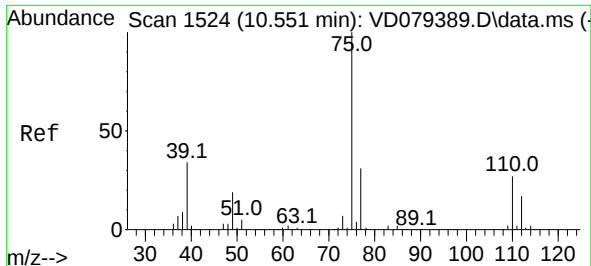
Tgt Ion: 92 Resp: 339265

Ion Ratio Lower Upper

92 100

91 176.2 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 53.393 ug/l

RT: 10.552 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

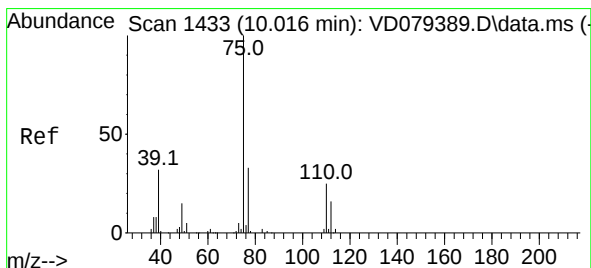
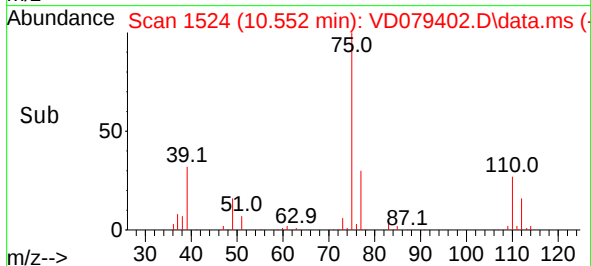
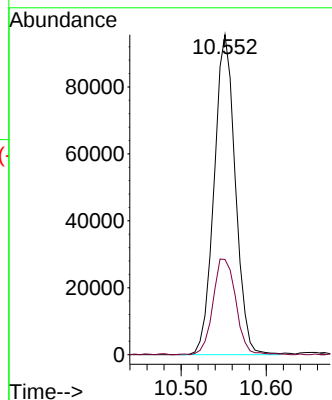
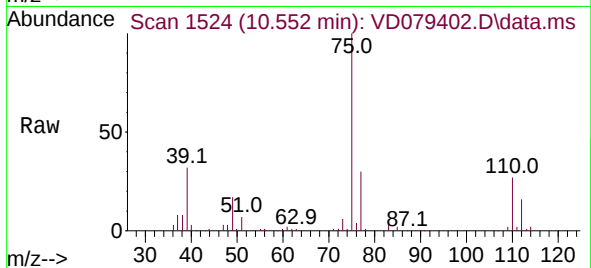
ClientSampleId :

Tgt Ion: 75 Resp: 165012

Ion Ratio Lower Upper

75 100

77 29.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.381 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

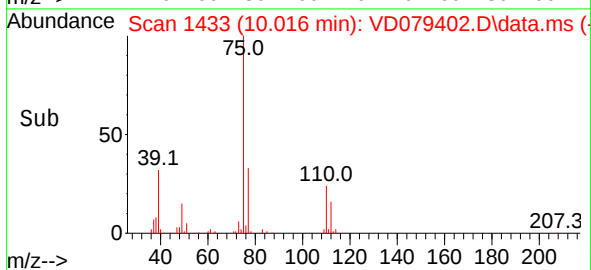
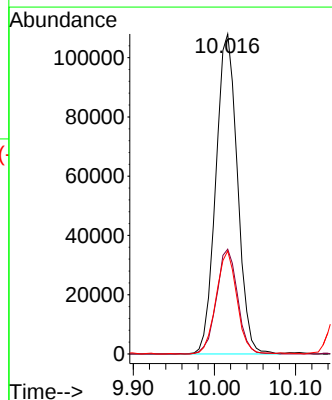
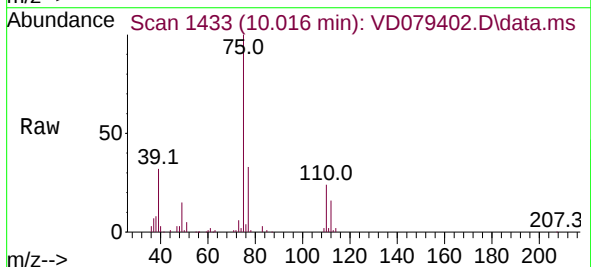
Tgt Ion: 75 Resp: 199534

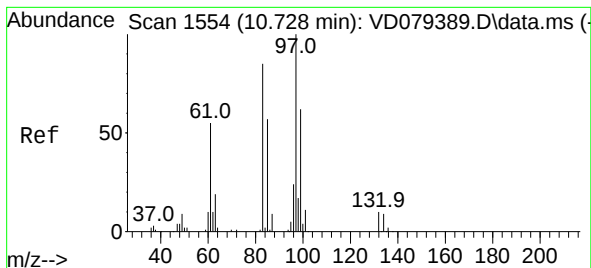
Ion Ratio Lower Upper

75 100

77 32.7 24.4 36.6

39 32.2 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 52.267 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 97960

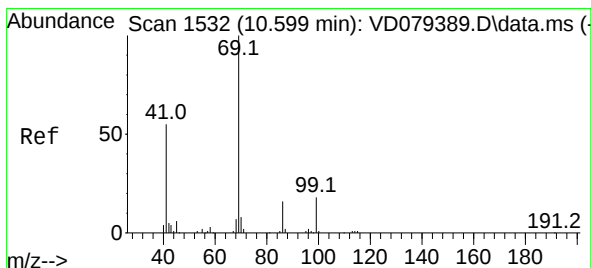
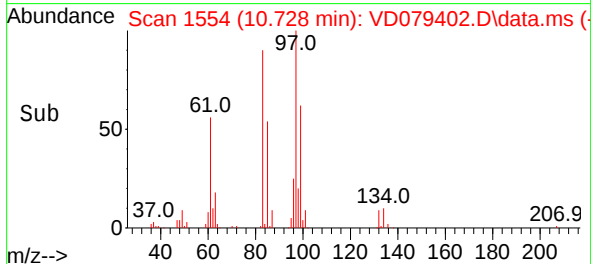
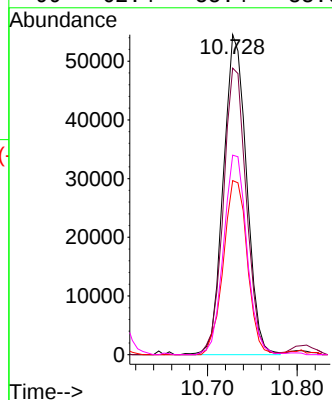
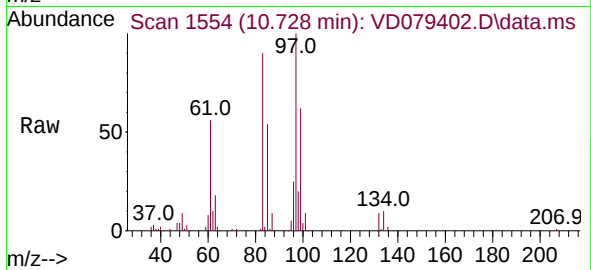
Ion Ratio Lower Upper

97 100

83 89.6 65.8 98.8

85 54.4 43.8 65.8

99 62.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 56.212 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

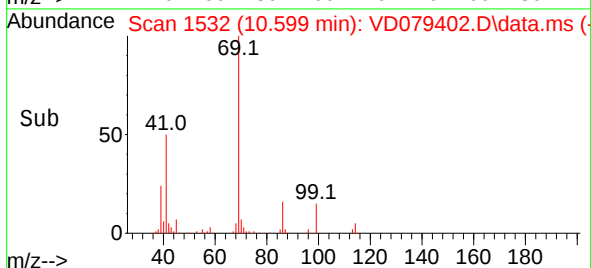
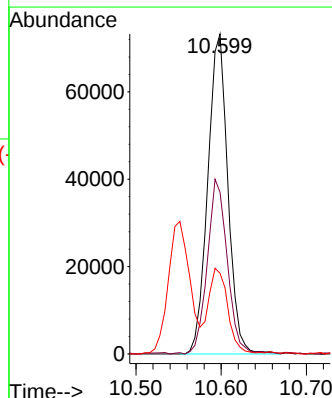
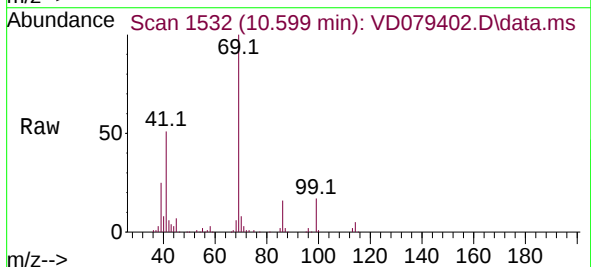
Tgt Ion: 69 Resp: 120386

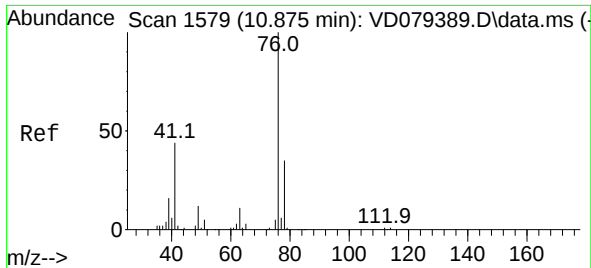
Ion Ratio Lower Upper

69 100

41 54.7 39.8 59.6

39 25.3 20.2 30.4





#57

1,3-Dichloropropane

Concen: 52.615 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

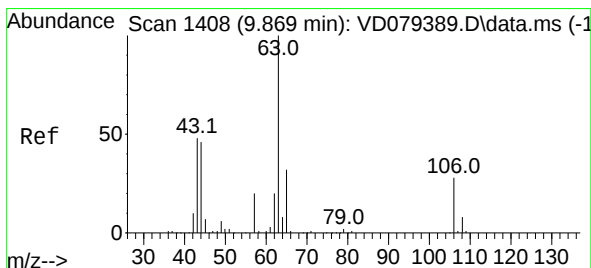
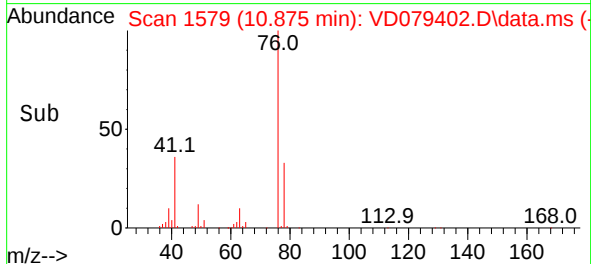
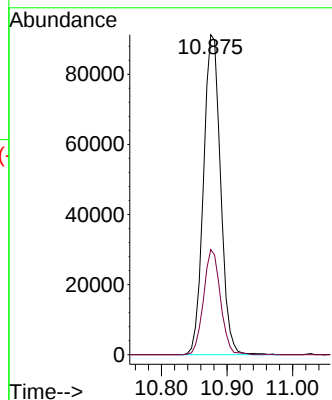
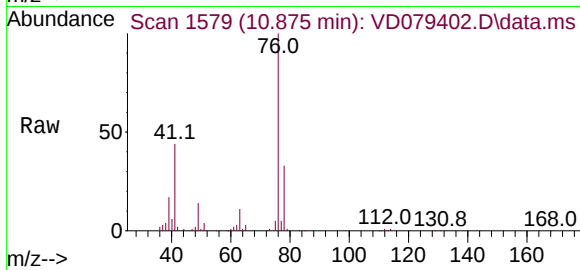
ClientSampleId :

Tgt Ion: 76 Resp: 165302

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 268.688 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079402.D

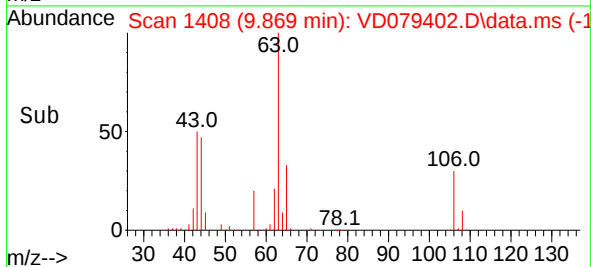
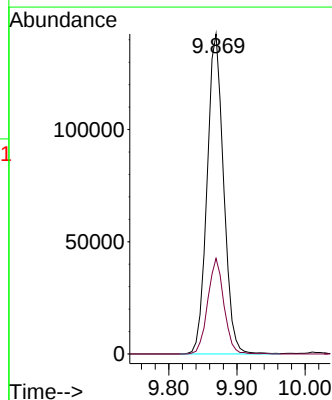
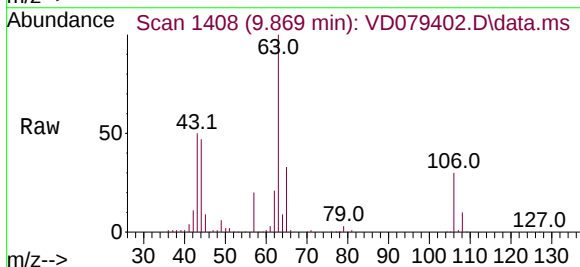
Acq: 25 Jul 2024 12:08

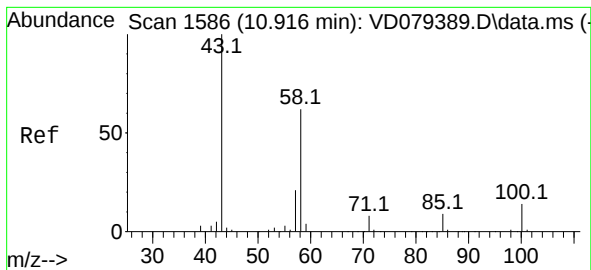
Tgt Ion: 63 Resp: 240644

Ion Ratio Lower Upper

63 100

106 29.2 26.4 39.6

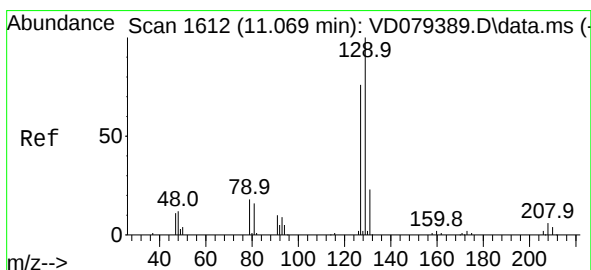
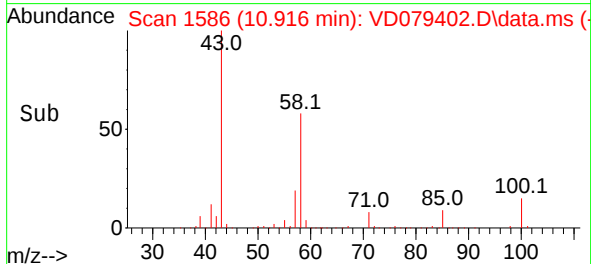
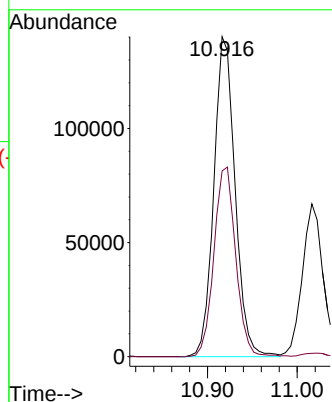
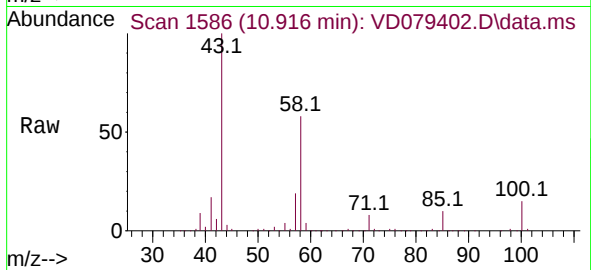




#59
2-Hexanone
Concen: 274.222 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

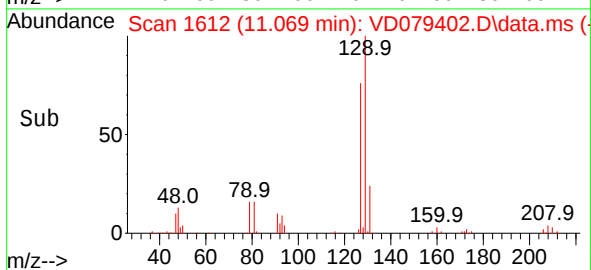
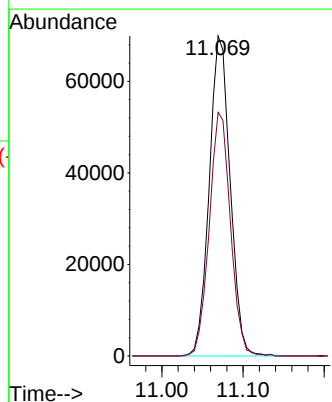
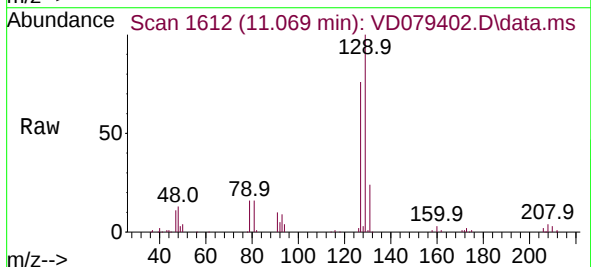
Instrument :
MSVOA_D
ClientSampleId :

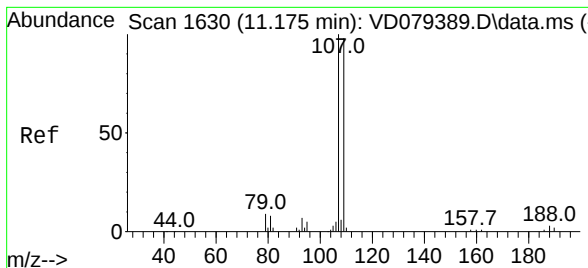
Tgt Ion: 43 Resp: 230730
Ion Ratio Lower Upper
43 100
58 60.8 31.1 93.5



#60
Dibromochloromethane
Concen: 51.842 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion:129 Resp: 124825
Ion Ratio Lower Upper
129 100
127 77.3 38.0 113.9

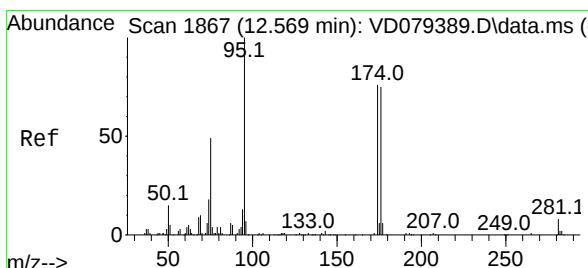
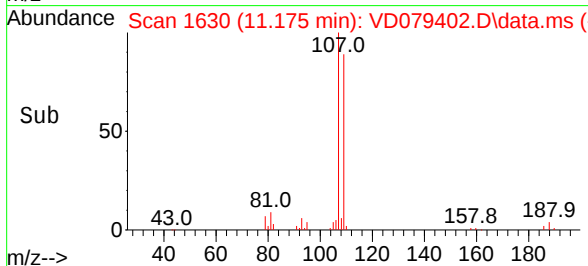
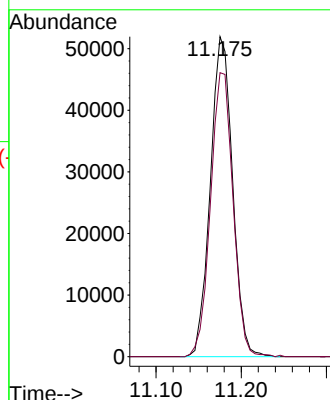
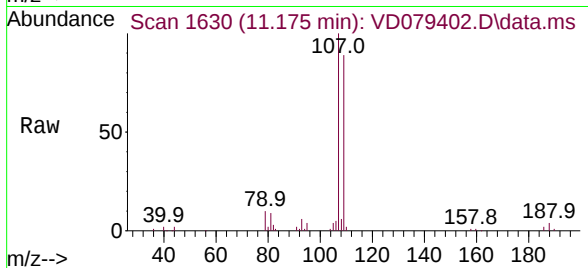




#61
1,2-Dibromoethane
Concen: 52.114 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

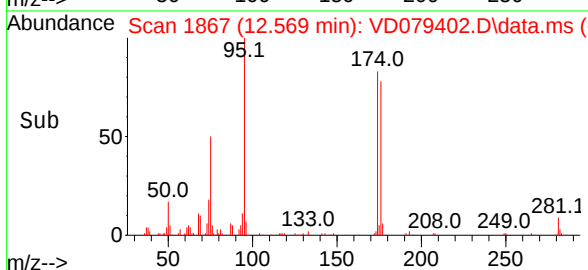
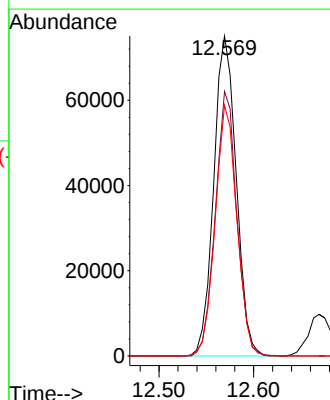
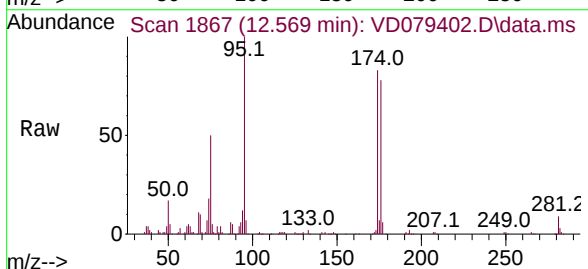
Instrument :
MSVOA_D
ClientSampleId :

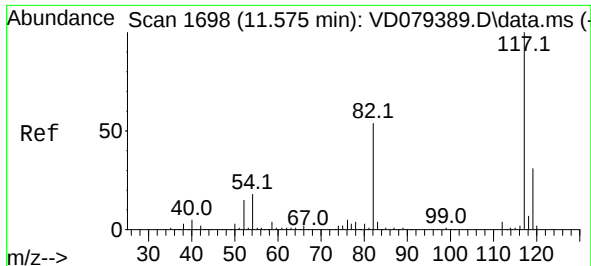
Tgt Ion:107 Resp: 94115
Ion Ratio Lower Upper
107 100
109 89.9 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 49.639 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 95 Resp: 123617
Ion Ratio Lower Upper
95 100
174 79.2 0.0 195.4
176 75.6 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

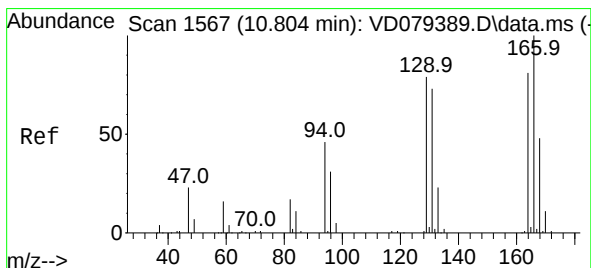
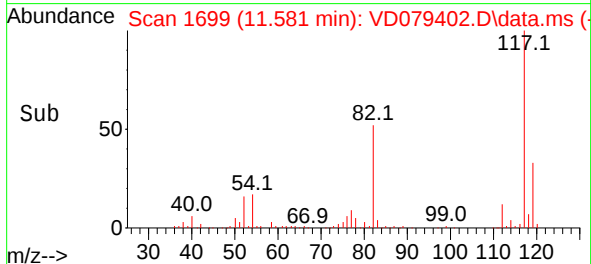
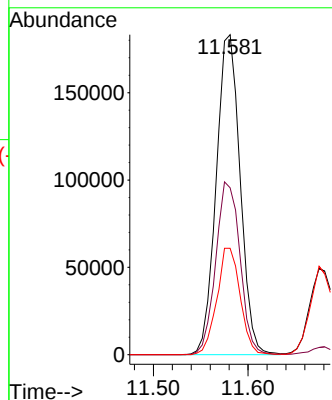
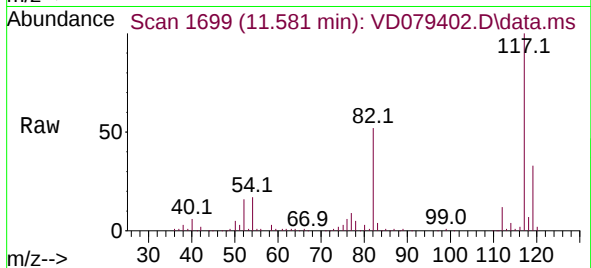
Tgt Ion:117 Resp: 322461

Ion Ratio Lower Upper

117 100

82 52.1 39.8 59.6

119 33.2 25.7 38.5



#64

Tetrachloroethene

Concen: 51.787 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Tgt Ion:164 Resp: 105883

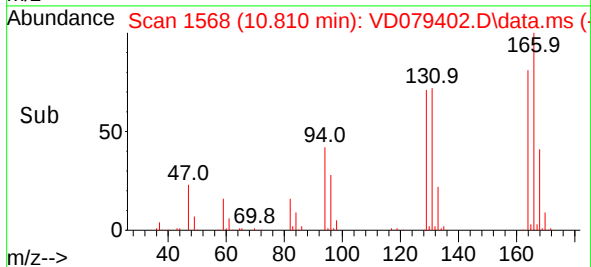
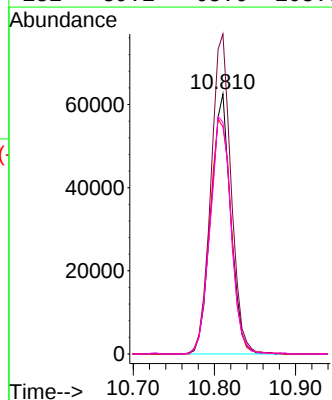
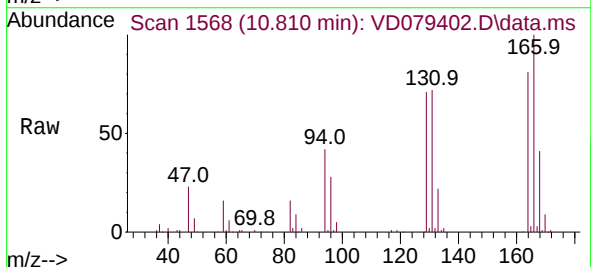
Ion Ratio Lower Upper

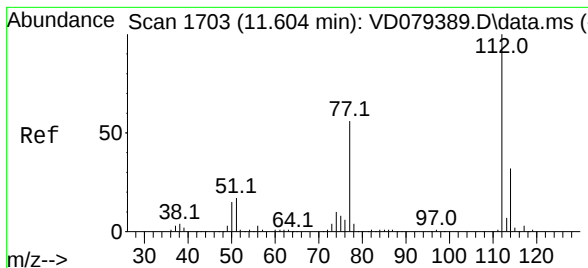
164 100

166 123.0 108.6 163.0

129 87.2 74.6 112.0

131 89.1 68.6 103.0

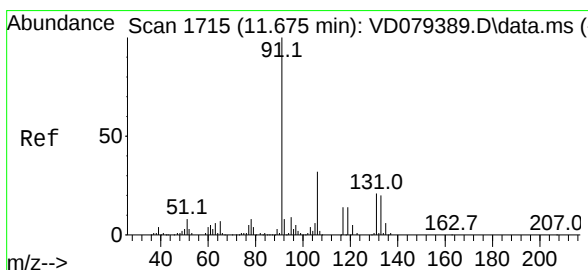
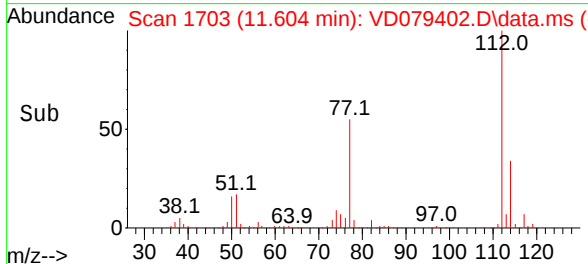
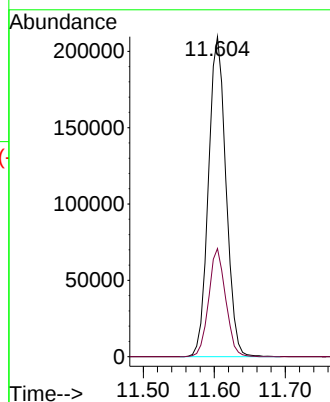
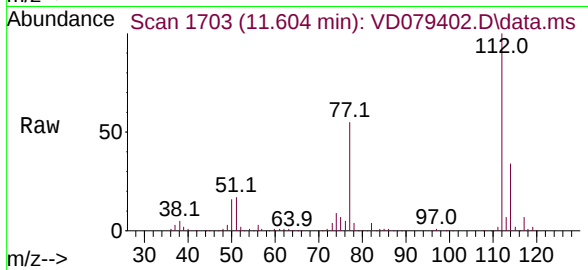




#65
Chlorobenzene
Concen: 51.178 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

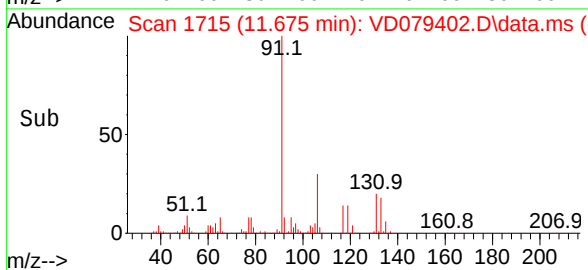
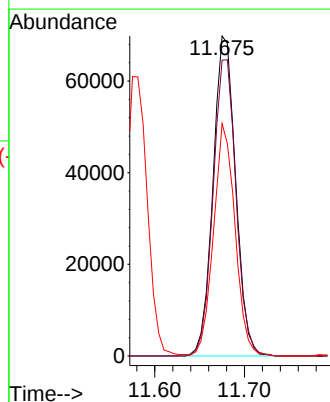
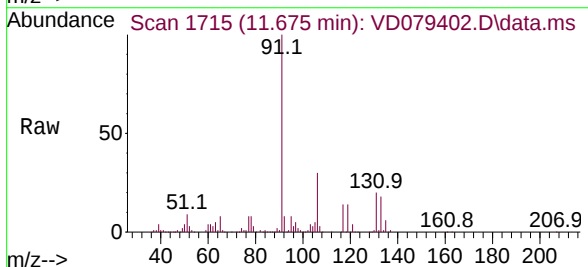
Instrument :
MSVOA_D
ClientSampleId :

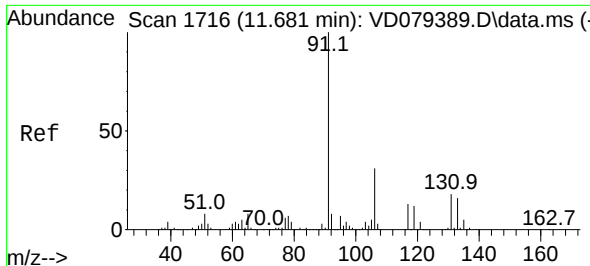
Tgt Ion:112 Resp: 358935
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.199 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion:131 Resp: 122149
Ion Ratio Lower Upper
131 100
133 94.2 49.2 147.6
119 69.3 33.4 100.2





#67

Ethyl Benzene

Concen: 54.906 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

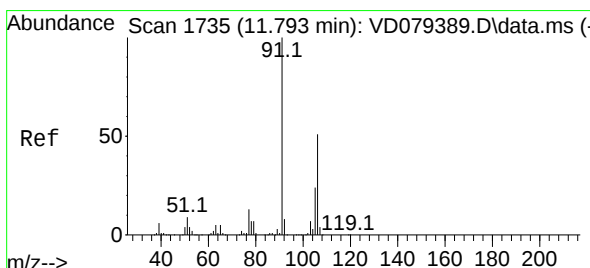
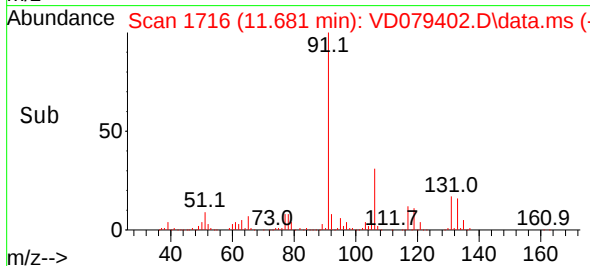
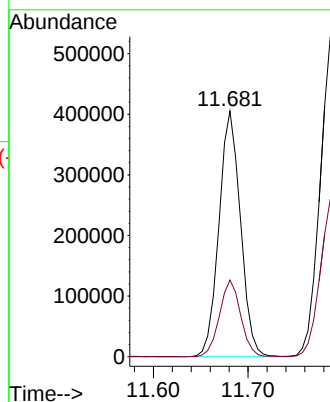
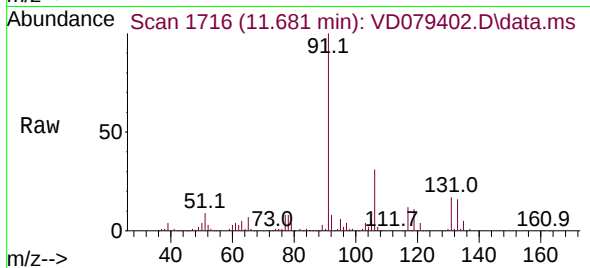
ClientSampleId :

Tgt Ion: 91 Resp: 639714

Ion Ratio Lower Upper

91 100

106 31.2 25.8 38.6



#68

m/p-Xylenes

Concen: 107.801 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079402.D

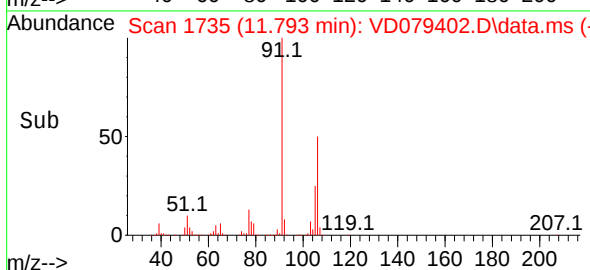
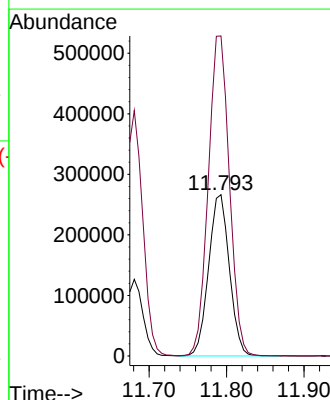
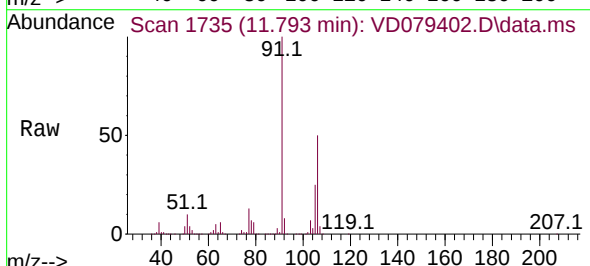
Acq: 25 Jul 2024 12:08

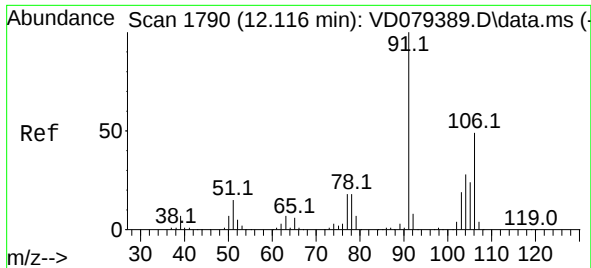
Tgt Ion:106 Resp: 496079

Ion Ratio Lower Upper

106 100

91 202.0 148.5 222.7

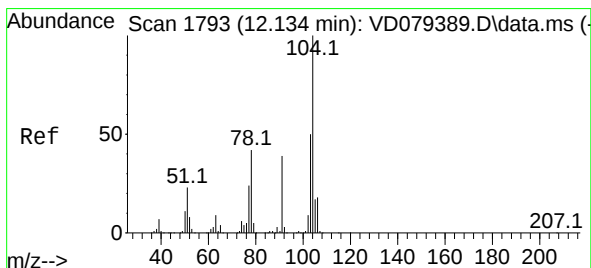
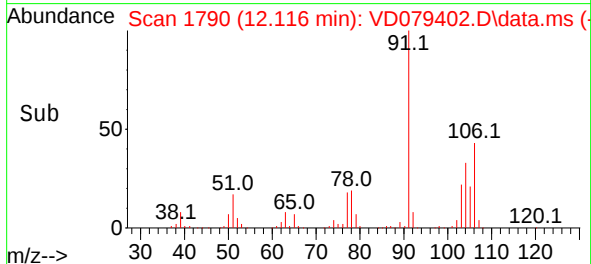
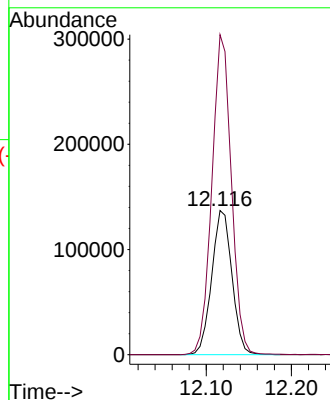
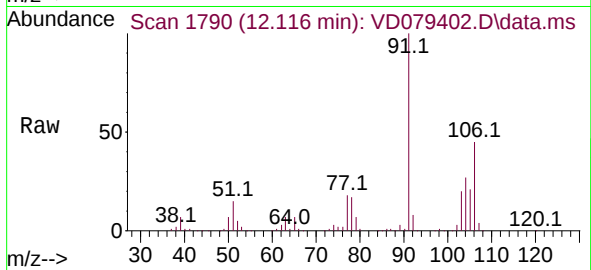




#69
o-Xylene
Concen: 54.851 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

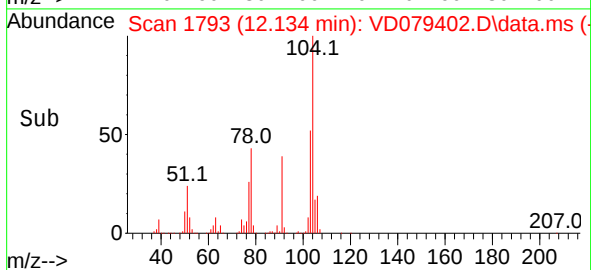
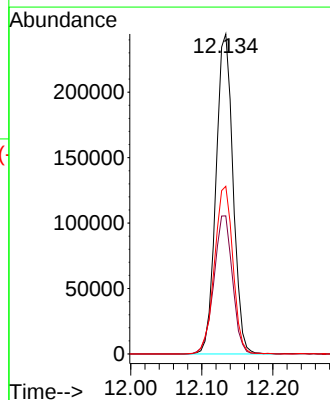
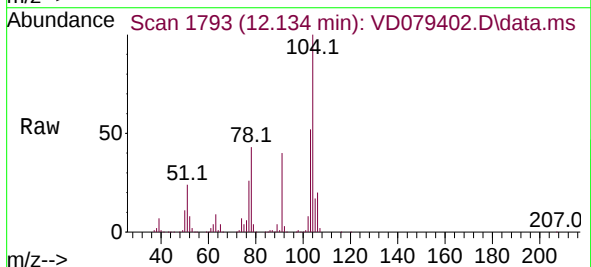
Instrument :
MSVOA_D
ClientSampleId :

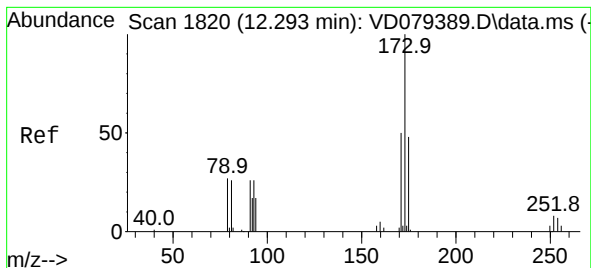
Tgt Ion:106 Resp: 226466
Ion Ratio Lower Upper
106 100
91 214.0 96.7 290.1



#70
Styrene
Concen: 55.456 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion:104 Resp: 405977
Ion Ratio Lower Upper
104 100
78 47.1 33.0 49.6
103 56.5 44.2 66.4





#71

Bromoform

Concen: 52.032 ug/l

RT: 12.293 min Scan# 1820

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

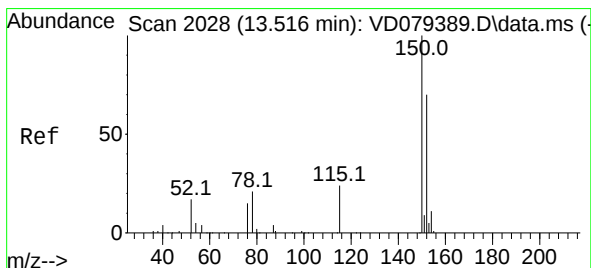
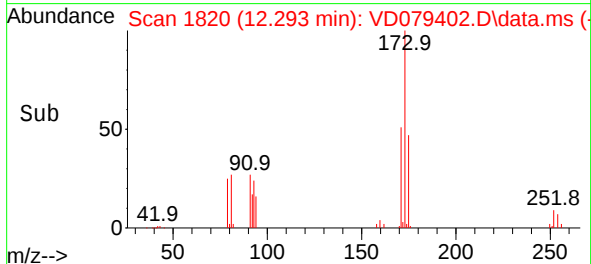
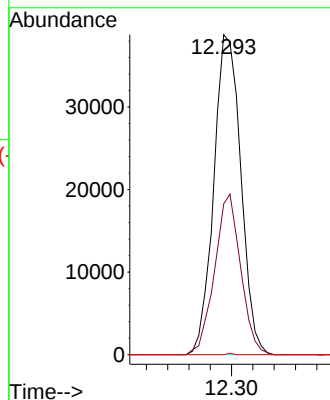
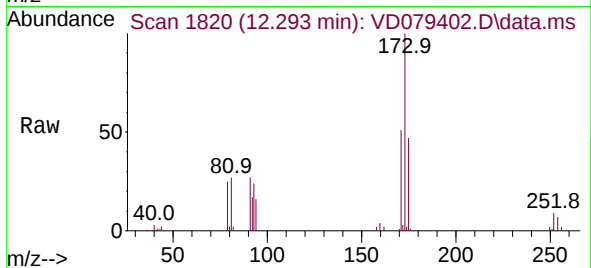
Tgt Ion:173 Resp: 68307

Ion Ratio Lower Upper

173 100

175 48.3 23.7 71.1

254 0.1 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: VD079402.D

Acq: 25 Jul 2024 12:08

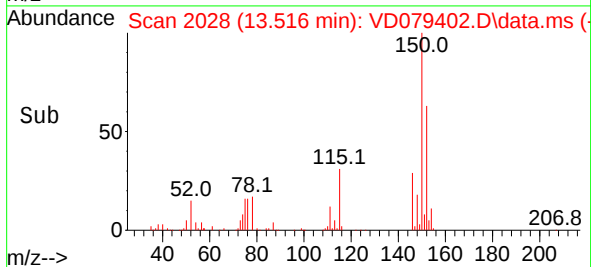
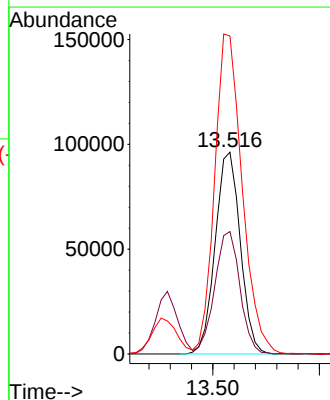
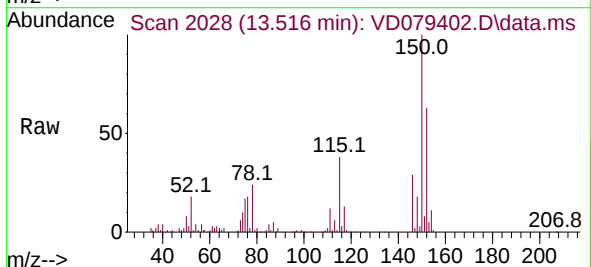
Tgt Ion:152 Resp: 157021

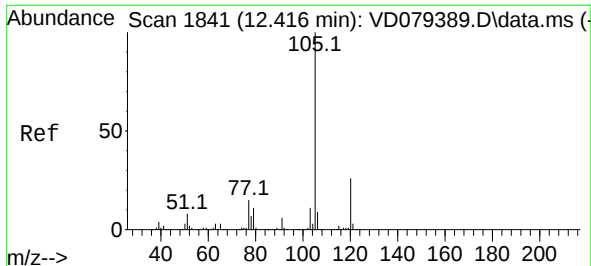
Ion Ratio Lower Upper

152 100

115 61.4 26.5 79.5

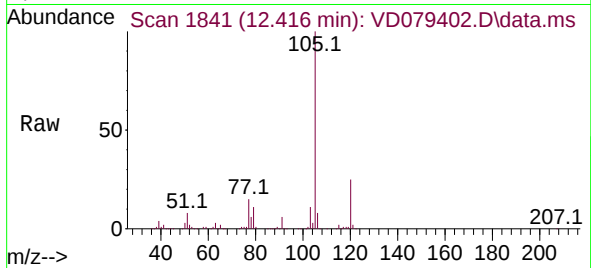
150 174.7 0.0 341.6



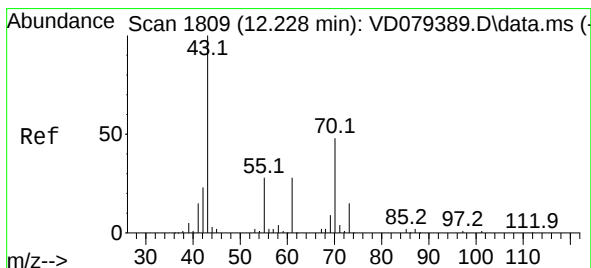
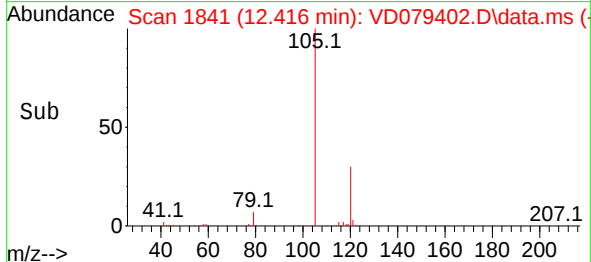
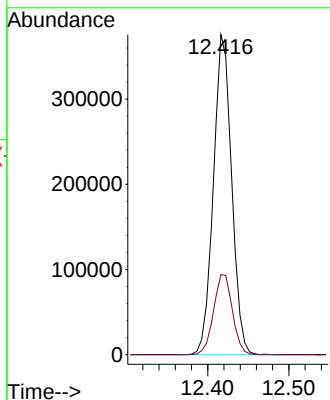


#73
Isopropylbenzene
Concen: 54.444 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :

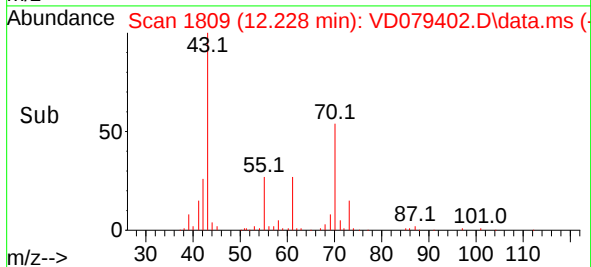
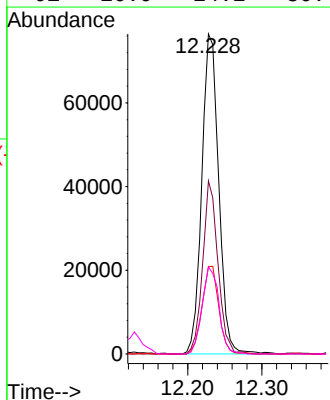
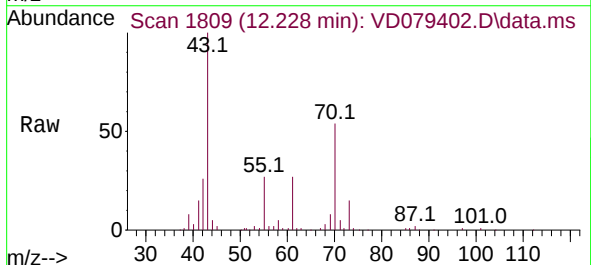


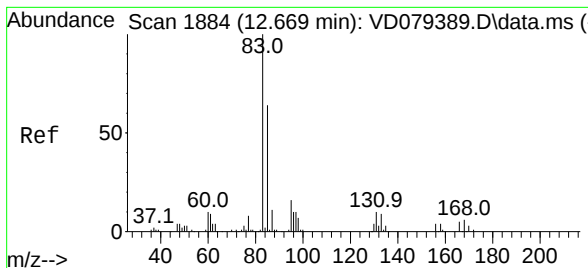
Tgt Ion:105 Resp: 585623
Ion Ratio Lower Upper
105 100
120 25.9 13.6 40.7



#74
N-ethyl acetate
Concen: 55.074 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 43 Resp: 121224
Ion Ratio Lower Upper
43 100
70 48.9 44.3 66.5
55 27.2 23.2 34.8
61 26.9 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.759 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

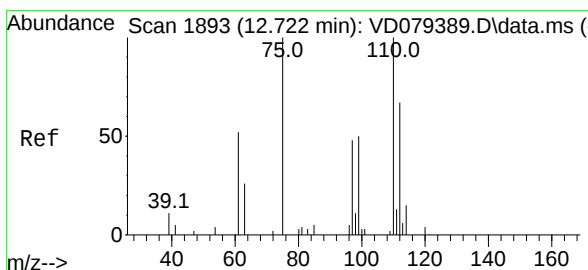
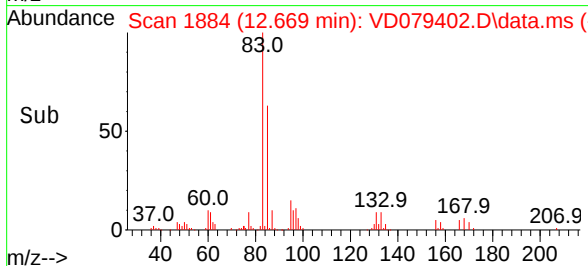
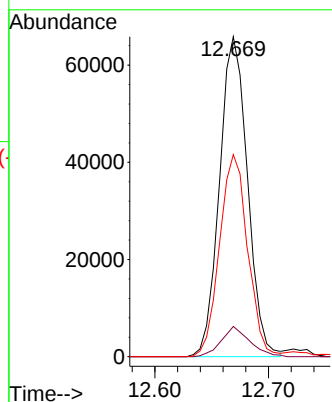
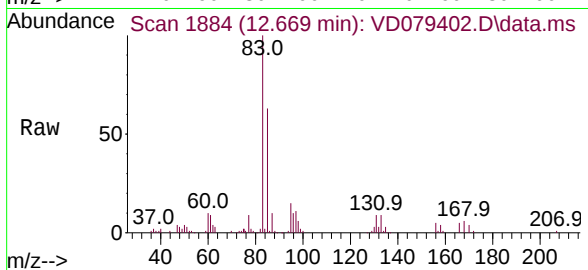
Tgt Ion: 83 Resp: 112618

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

85 63.4 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 72.236 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079402.D

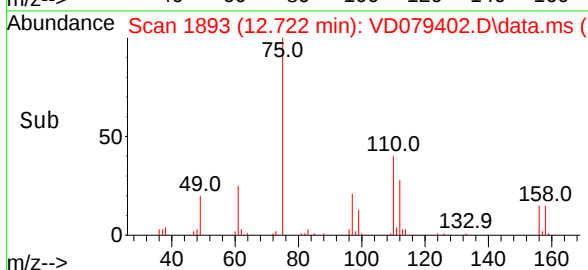
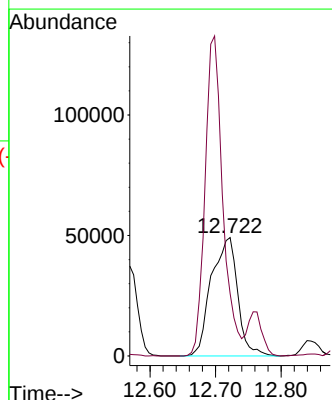
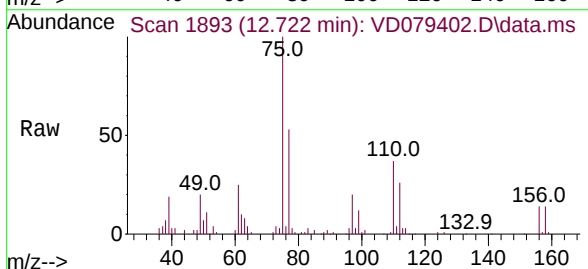
Acq: 25 Jul 2024 12:08

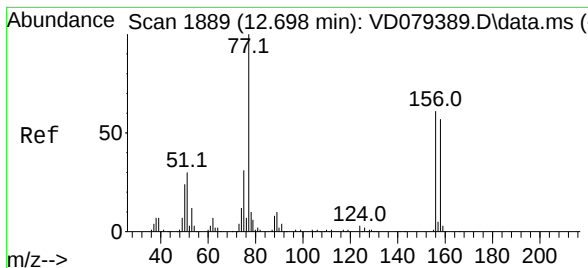
Tgt Ion: 75 Resp: 136818

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.454 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

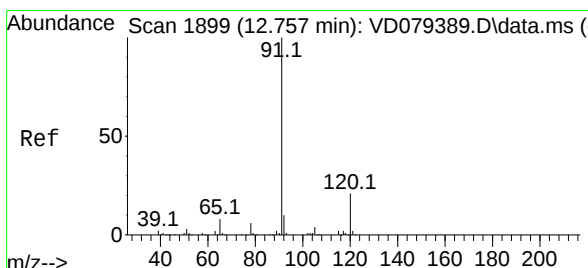
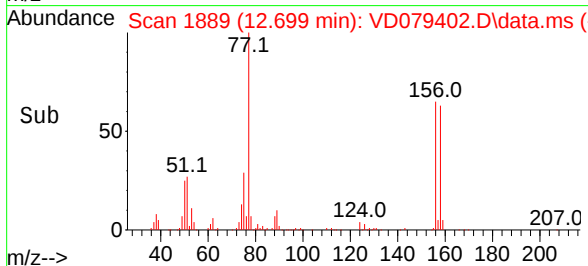
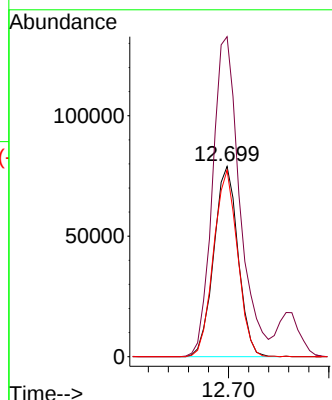
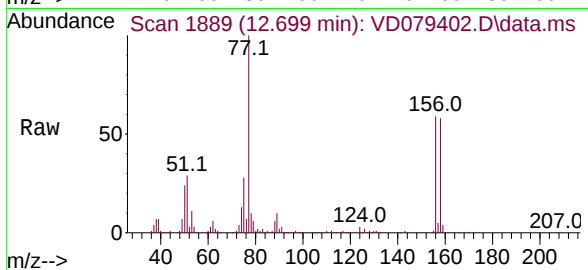
Tgt Ion:156 Resp: 132502

Ion Ratio Lower Upper

156 100

77 189.0 77.3 231.9

158 97.1 49.6 149.0



#78

n-propylbenzene

Concen: 55.228 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VD079402.D

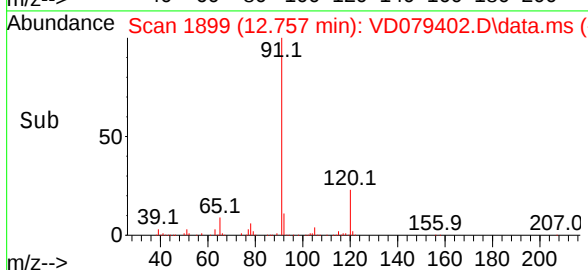
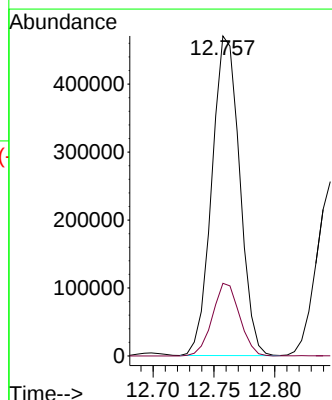
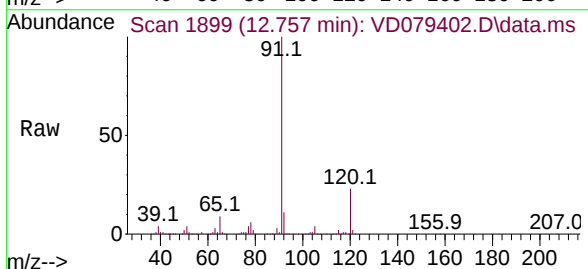
Acq: 25 Jul 2024 12:08

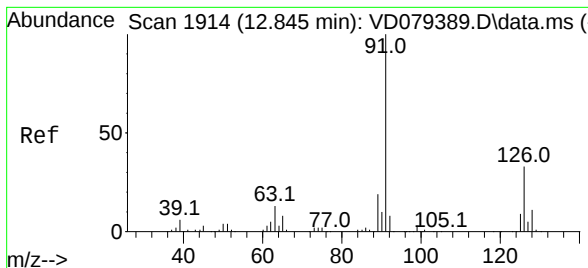
Tgt Ion: 91 Resp: 745375

Ion Ratio Lower Upper

91 100

120 22.3 12.3 36.8





#79

2-Chlorotoluene

Concen: 53.651 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

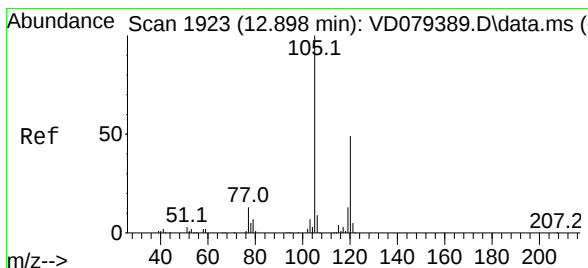
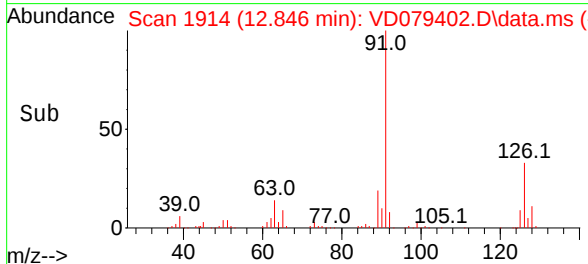
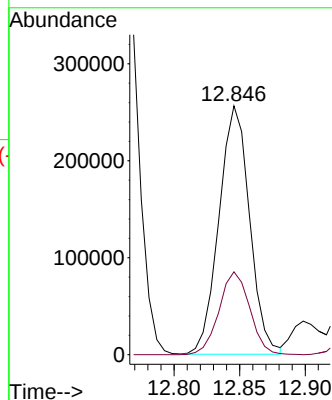
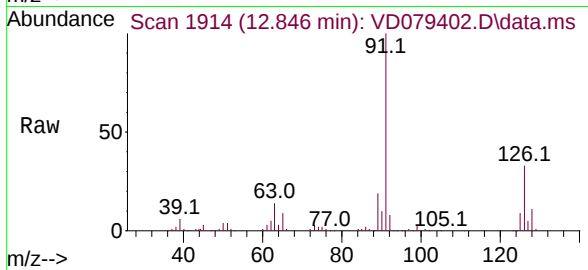
ClientSampleId :

Tgt Ion: 91 Resp: 416702

Ion Ratio Lower Upper

91 100

126 33.3 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 55.490 ug/l

RT: 12.899 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VD079402.D

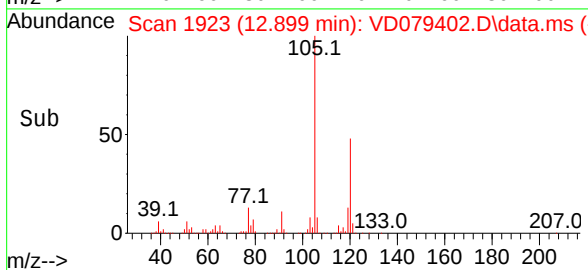
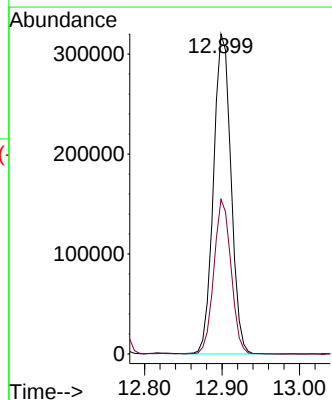
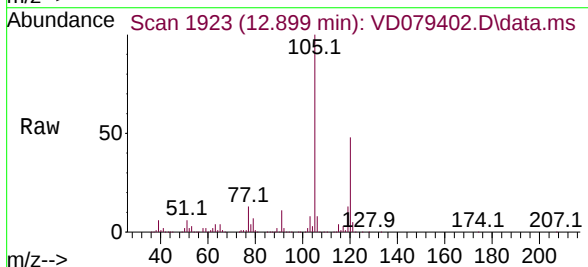
Acq: 25 Jul 2024 12:08

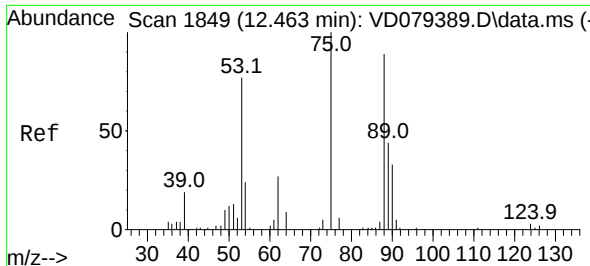
Tgt Ion:105 Resp: 501766

Ion Ratio Lower Upper

105 100

120 47.3 25.7 77.1

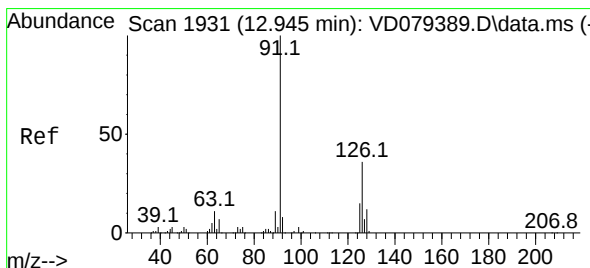
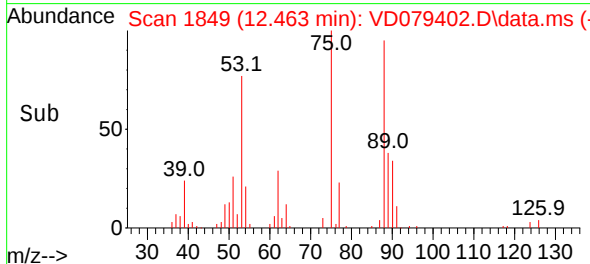
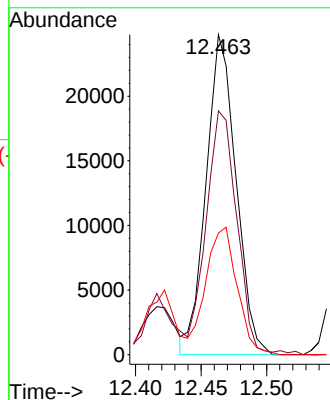
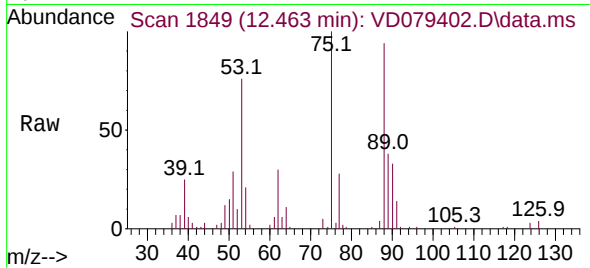




#81
trans-1,4-Dichloro-2-butene
Concen: 53.861 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

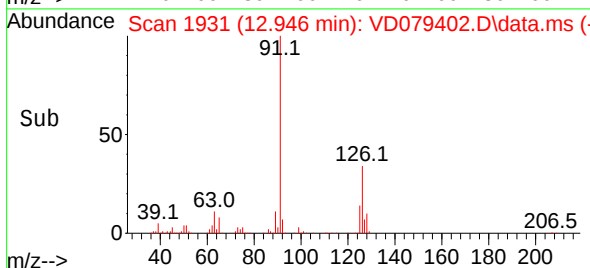
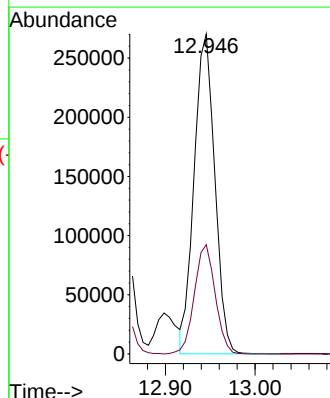
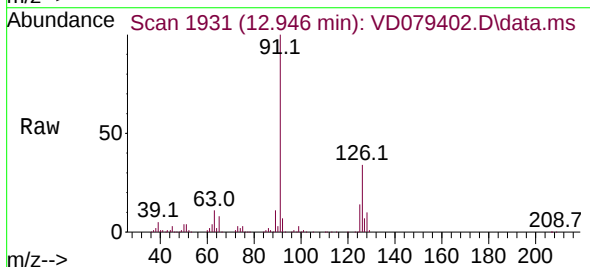
Instrument :
MSVOA_D
ClientSampleId :

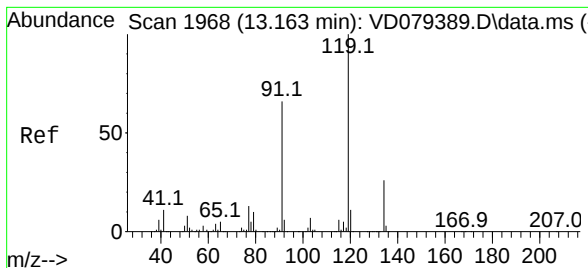
Tgt Ion: 75 Resp: 39303
Ion Ratio Lower Upper
75 100
53 78.1 61.4 92.2
89 41.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 53.711 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 91 Resp: 432143
Ion Ratio Lower Upper
91 100
126 34.5 18.9 56.9





#83

tert-Butylbenzene

Concen: 55.305 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

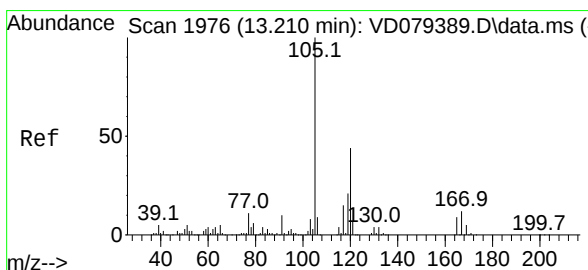
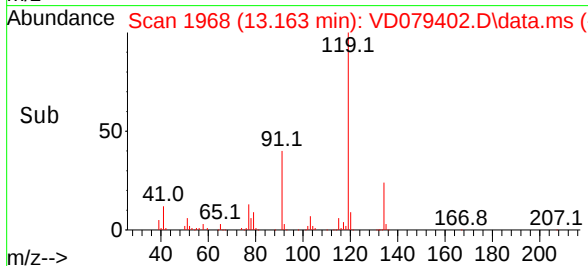
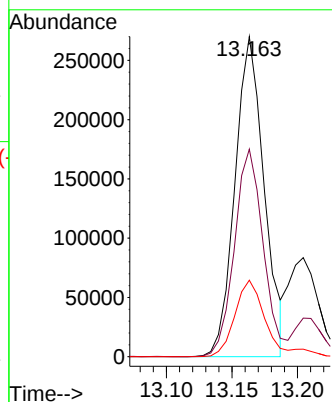
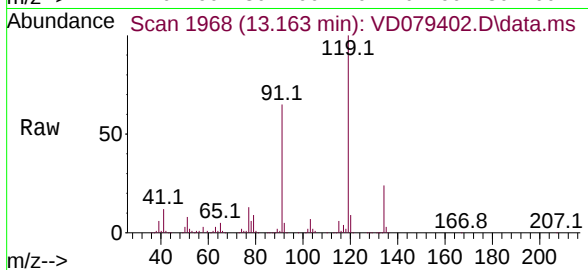
Tgt Ion:119 Resp: 418456

Ion Ratio Lower Upper

119 100

91 64.5 28.2 84.7

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.396 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079402.D

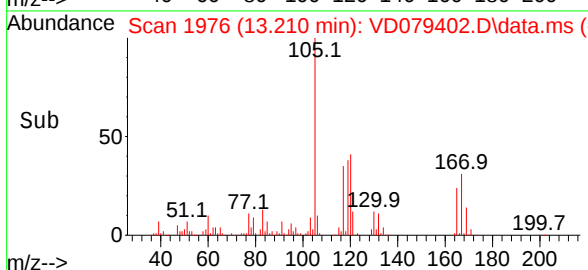
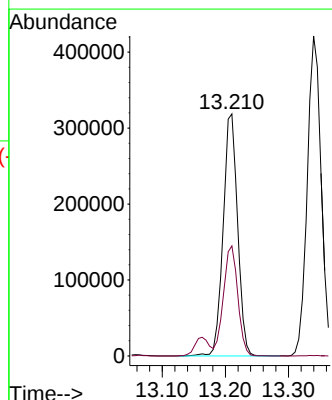
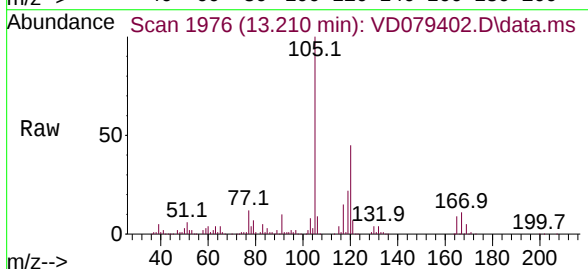
Acq: 25 Jul 2024 12:08

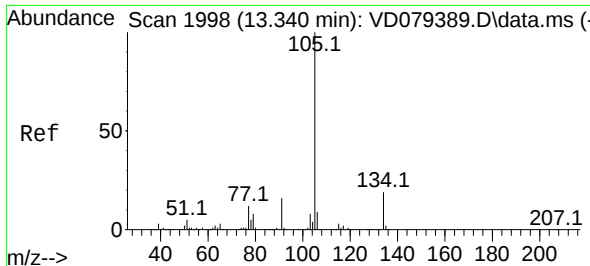
Tgt Ion:105 Resp: 505485

Ion Ratio Lower Upper

105 100

120 45.1 23.6 71.0

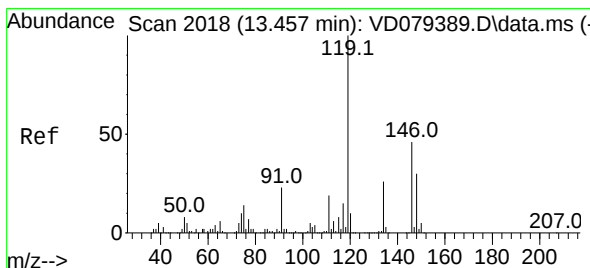
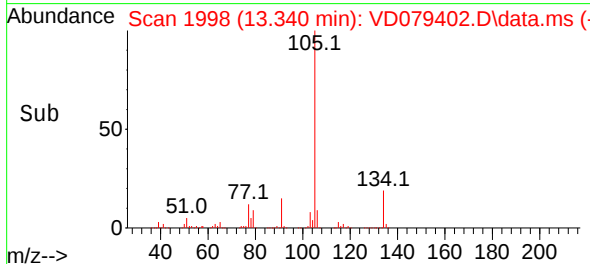
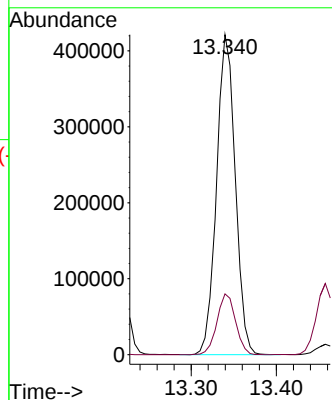
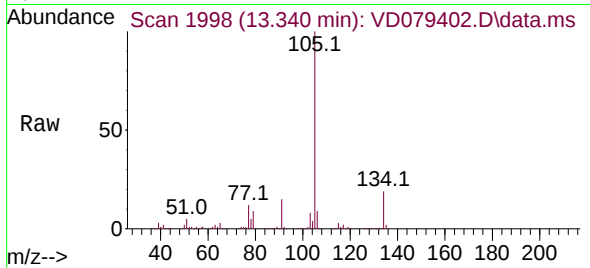




#85
 sec-Butylbenzene
 Concen: 54.618 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

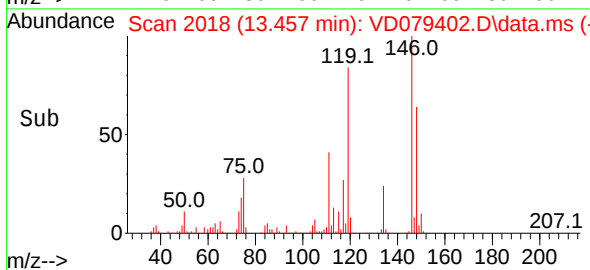
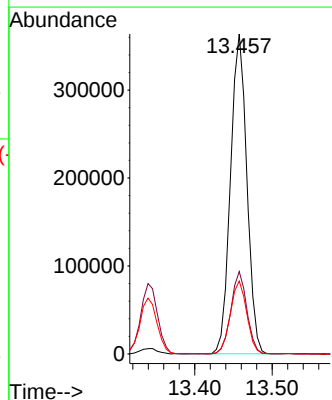
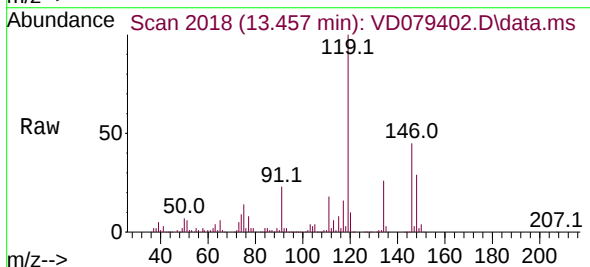
Instrument :
 MSVOA_D
 ClientSampleId :

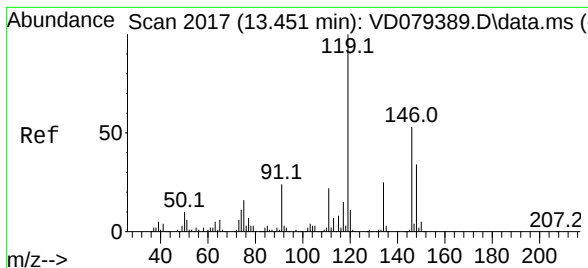
Tgt Ion:105 Resp: 644330
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 55.591 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD079402.D
 Acq: 25 Jul 2024 12:08

Tgt Ion:119 Resp: 534120
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.7 41.1
 91 23.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.224 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

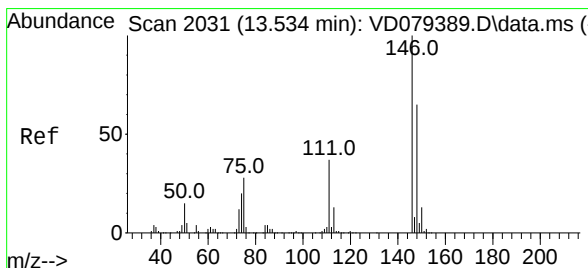
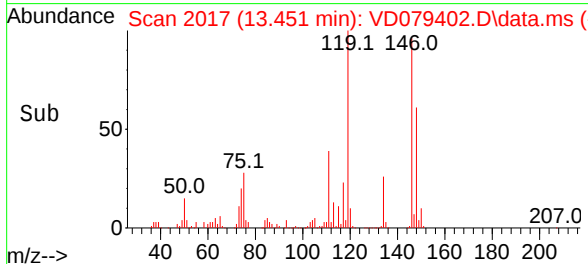
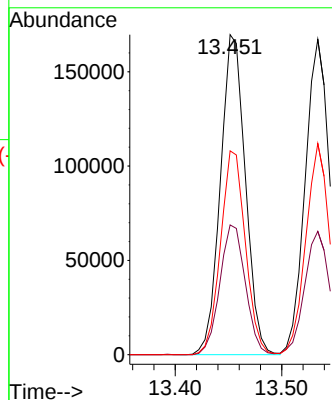
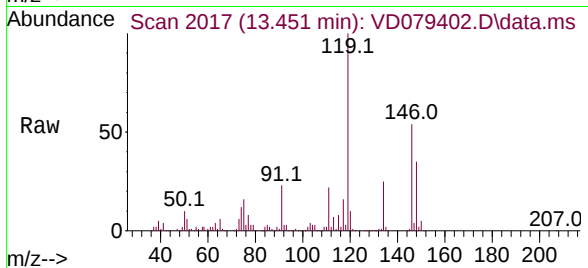
Tgt Ion:146 Resp: 276069

Ion Ratio Lower Upper

146 100

111 41.4 18.5 55.5

148 63.4 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 50.635 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

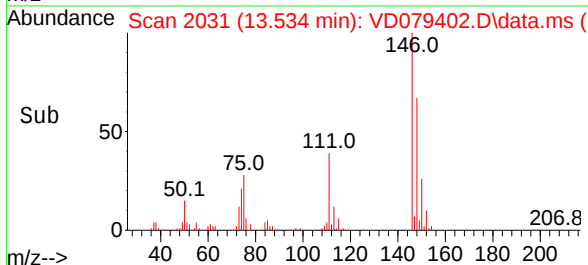
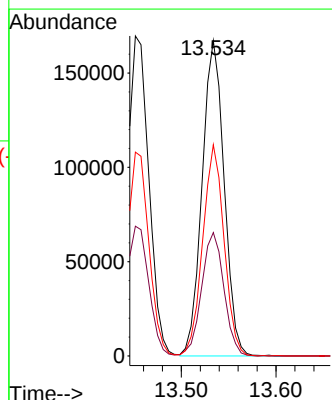
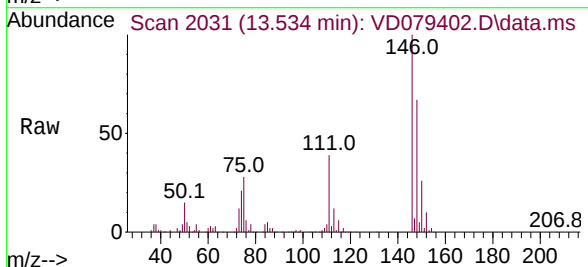
Tgt Ion:146 Resp: 270057

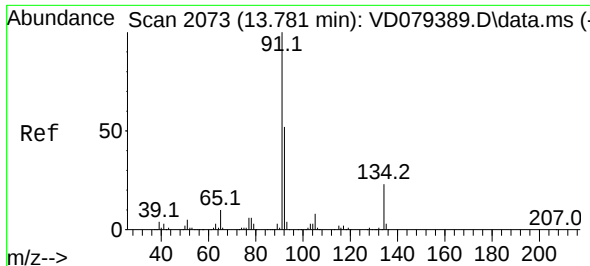
Ion Ratio Lower Upper

146 100

111 39.7 17.5 52.6

148 64.8 31.4 94.2

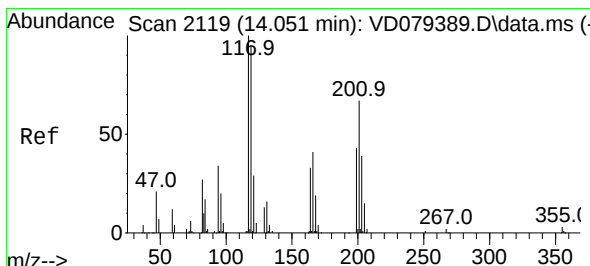
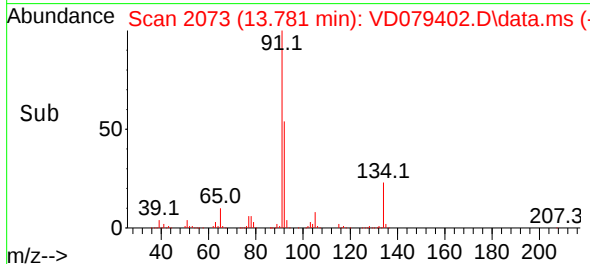
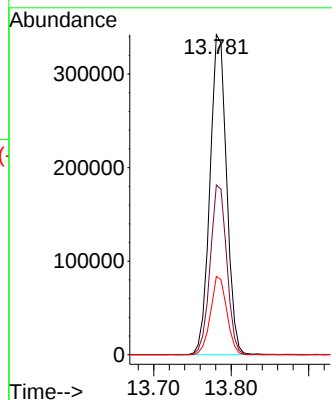
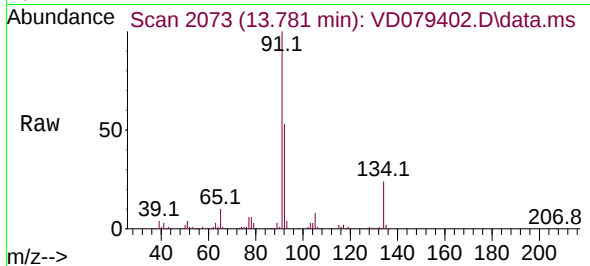




#89
n-Butylbenzene
Concen: 54.926 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

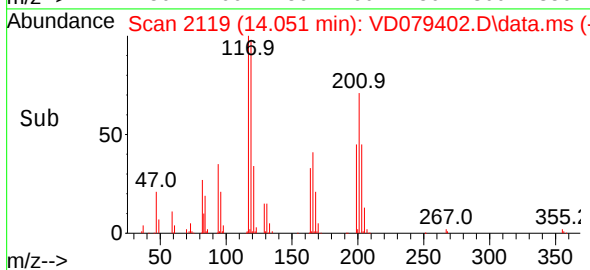
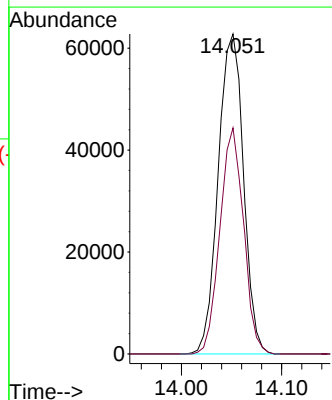
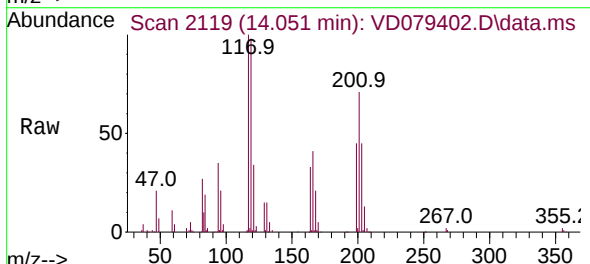
Instrument :
MSVOA_D
ClientSampleId :

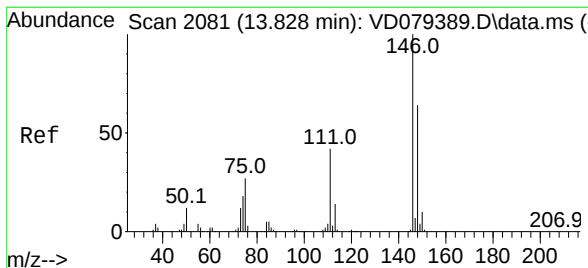
Tgt Ion: 91 Resp: 512136
Ion Ratio Lower Upper
91 100
92 52.8 25.7 77.0
134 23.9 13.6 40.8



#90
Hexachloroethane
Concen: 50.183 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD079402.D
Acq: 25 Jul 2024 12:08

Tgt Ion: 117 Resp: 109848
Ion Ratio Lower Upper
117 100
201 66.1 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 52.471 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

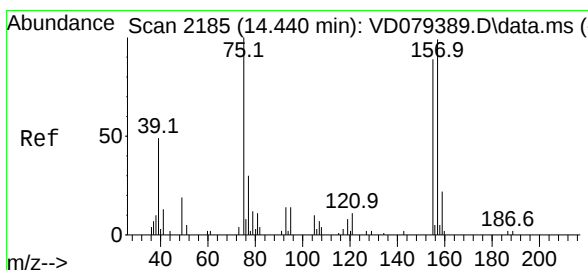
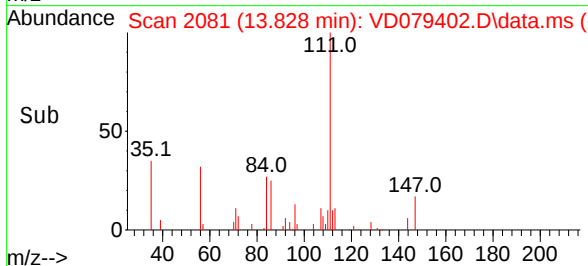
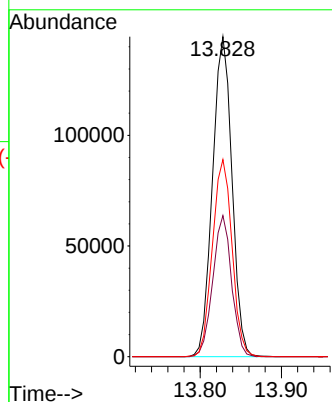
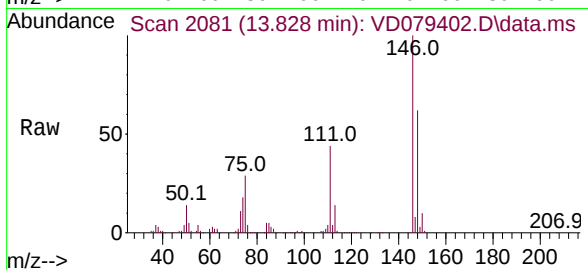
Tgt Ion:146 Resp: 240783

Ion Ratio Lower Upper

146 100

111 42.5 19.1 57.1

148 62.1 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.756 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

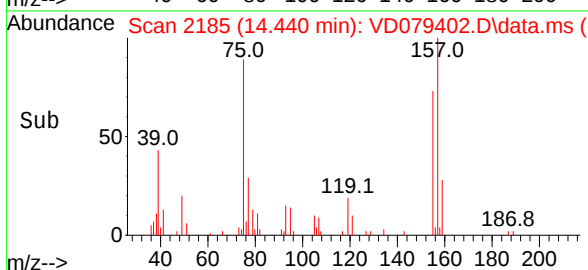
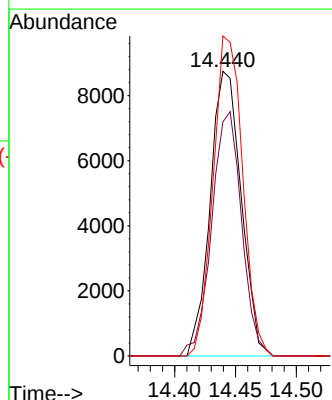
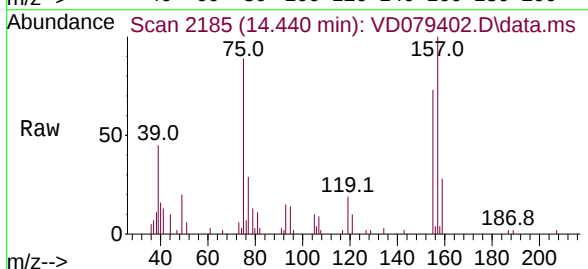
Tgt Ion: 75 Resp: 15496

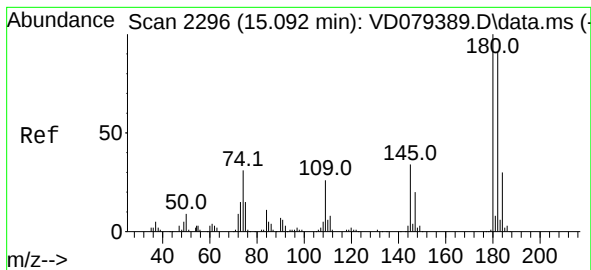
Ion Ratio Lower Upper

75 100

155 82.7 47.7 143.1

157 107.2 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 53.632 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

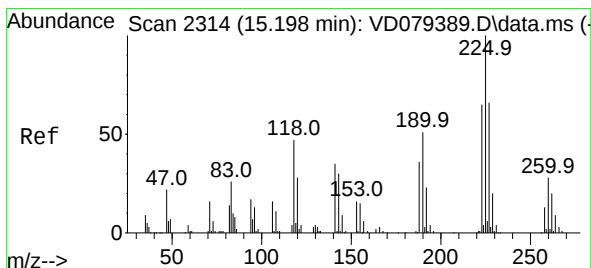
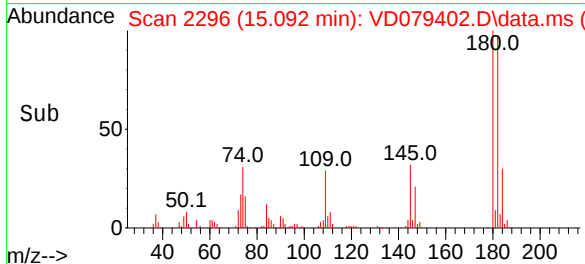
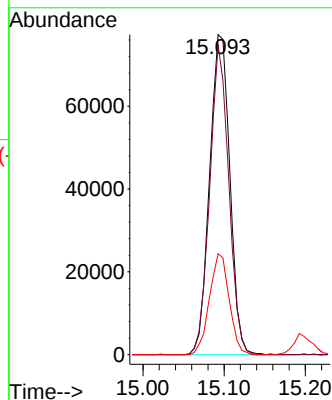
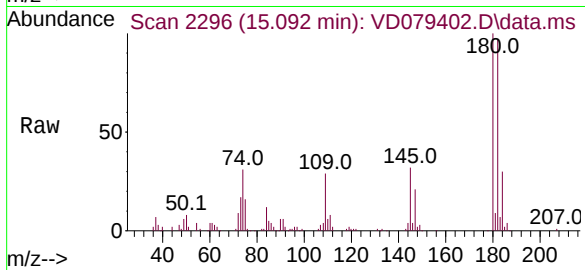
Tgt Ion:180 Resp: 134029

Ion Ratio Lower Upper

180 100

182 91.0 46.9 140.7

145 30.7 14.0 41.9



#94

Hexachlorobutadiene

Concen: 51.054 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

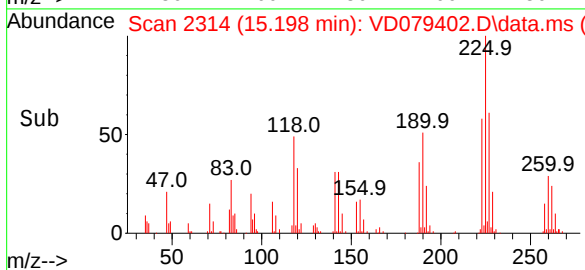
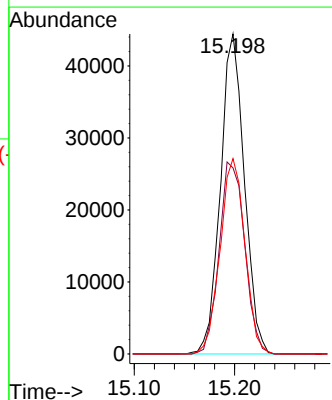
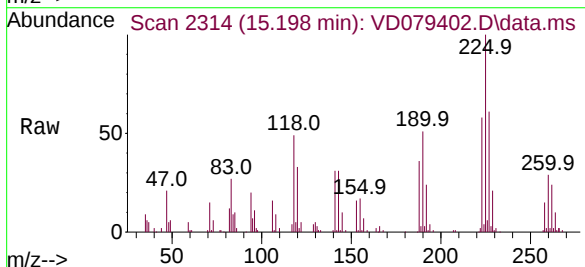
Tgt Ion:225 Resp: 73448

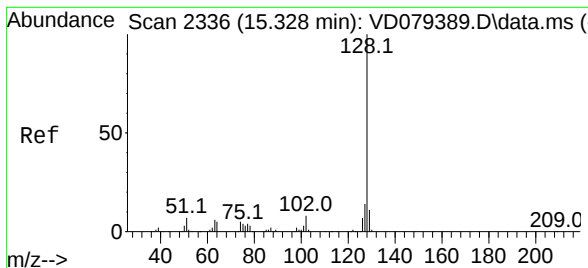
Ion Ratio Lower Upper

225 100

223 63.9 33.3 99.9

227 63.2 33.6 100.6





#95

Naphthalene

Concen: 55.357 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

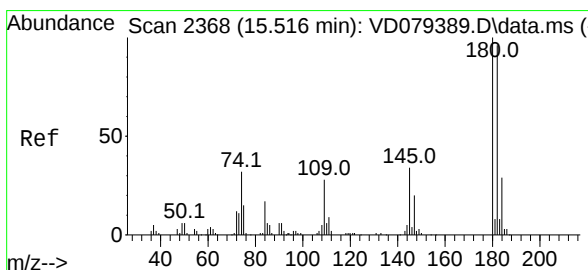
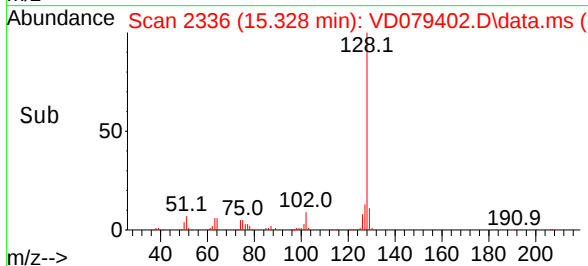
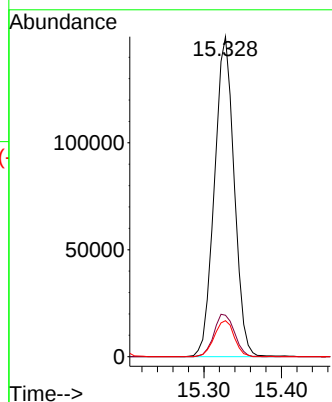
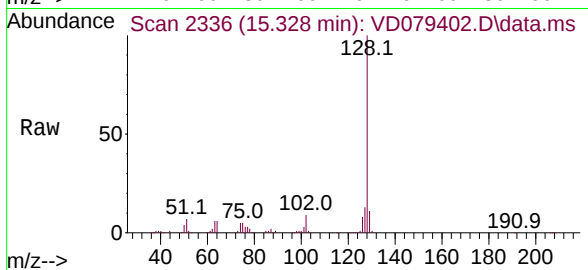
Tgt Ion:128 Resp: 264190

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.913 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. 0.000 min

Lab File: VD079402.D

Acq: 25 Jul 2024 12:08

Tgt Ion:180 Resp: 120031

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 34.7 16.1 48.2

