

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072524\
 Data File : VD079401.D
 Acq On : 25 Jul 2024 11:40
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 26 05:58:17 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	189524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155861	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	41961	21.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.700%#
35) Dibromofluoromethane	7.804	113	45781	21.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.140%#
50) Toluene-d8	10.263	98	168270	20.709	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.420%#
62) 4-Bromofluorobenzene	12.575	95	51179	20.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.280%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	26218	15.887	ug/l	98
3) Chloromethane	2.140	50	13371	16.903	ug/l	93
4) Vinyl Chloride	2.275	62	12880	18.009	ug/l	98
5) Bromomethane	2.669	94	19276	34.994	ug/l	98
6) Chloroethane	2.828	64	11495	34.057	ug/l	92
7) Trichlorofluoromethane	3.169	101	70523	19.517	ug/l	100
8) Diethyl Ether	3.593	74	19952	19.250	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	46757	19.606	ug/l	96
10) Methyl Iodide	4.158	142	48391	18.539	ug/l	96
11) Tert butyl alcohol	5.052	59	7284	75.959	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	42702	19.296	ug/l	91
13) Acrolein	3.793	56	19269	110.525	ug/l	98
14) Allyl chloride	4.563	41	52624	20.217	ug/l	88
15) Acrylonitrile	5.246	53	47422	100.318	ug/l	99
16) Acetone	4.022	43	33844	95.867	ug/l	89
17) Carbon Disulfide	4.263	76	146268	19.606	ug/l	99
18) Methyl Acetate	4.569	43	23391	21.798	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	88789	19.563	ug/l	98
20) Methylene Chloride	4.793	84	77199	20.843	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	48429	19.519	ug/l	90
22) Diisopropyl ether	6.216	45	122248	20.805	ug/l	90
23) Vinyl Acetate	6.157	43	456401	102.887	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	85480	20.067	ug/l	97
25) 2-Butanone	7.081	43	51108	95.463	ug/l	93
26) 2,2-Dichloropropane	7.069	77	70938	19.501	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	54562	18.900	ug/l	86
28) Bromochloromethane	7.422	49	36925	21.079	ug/l #	77
29) Tetrahydrofuran	7.446	42	33841	101.546	ug/l	85
30) Chloroform	7.599	83	92041	19.774	ug/l	98
31) Cyclohexane	7.881	56	67828	19.298	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	78256	20.102	ug/l	99
36) 1,1-Dichloropropene	8.010	75	62831	19.655	ug/l	95
37) Ethyl Acetate	7.163	43	24554	20.512	ug/l	99
38) Carbon Tetrachloride	7.993	117	69252	19.784	ug/l	95
39) Methylcyclohexane	9.269	83	73018	19.051	ug/l	88
40) Benzene	8.251	78	199365	19.723	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12617	19.184	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	49162	20.066	ug/l	96
43) Isopropyl Acetate	8.357	43	44506	19.610	ug/l	97
44) Trichloroethene	9.028	130	47406	19.640	ug/l	84
45) 1,2-Dichloropropane	9.304	63	48266	19.780	ug/l	99
46) Dibromomethane	9.393	93	29473	20.560	ug/l	91
47) Bromodichloromethane	9.581	83	67933	19.491	ug/l	99
48) Methyl methacrylate	9.381	41	21334	20.299	ug/l	87
49) 1,4-Dioxane	9.387	88	5286	396.412	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	119178	98.585	ug/l	96
52) Toluene	10.334	92	121295	19.567	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	60857	19.779	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	71929	19.329	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	37871	20.297	ug/l	96
56) Ethyl methacrylate	10.593	69	40123	18.818	ug/l	96
57) 1,3-Dichloropropane	10.875	76	61096	19.533	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	88717	99.498	ug/l	91
59) 2-Hexanone	10.916	43	83587	99.786	ug/l	95
60) Dibromochloromethane	11.069	129	48470	20.220	ug/l	98
61) 1,2-Dibromoethane	11.175	107	35905	19.970	ug/l	98
64) Tetrachloroethene	10.810	164	40361	20.123	ug/l	91
65) Chlorobenzene	11.604	112	137340	19.961	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	46805	19.608	ug/l	97
67) Ethyl Benzene	11.681	91	220364	19.280	ug/l	100
68) m/p-Xylenes	11.792	106	181596	40.225	ug/l	91
69) o-Xylene	12.116	106	77836	19.217	ug/l	85
70) Styrene	12.134	104	144689	20.147	ug/l	94
71) Bromoform	12.298	173	24406	18.951	ug/l #	92
73) Isopropylbenzene	12.416	105	207453	19.430	ug/l	97
74) N-amyl acetate	12.228	43	44118	20.193	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	44380	20.152	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	52724	28.044	ug/l #	100
77) Bromobenzene	12.698	156	50639	20.196	ug/l	83
78) n-propylbenzene	12.757	91	265740	19.836	ug/l	95
79) 2-Chlorotoluene	12.845	91	153501	19.911	ug/l	90
80) 1,3,5-Trimethylbenzene	12.898	105	180827	20.147	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	14889	20.556	ug/l	99
82) 4-Chlorotoluene	12.945	91	161102	20.172	ug/l	93
83) tert-Butylbenzene	13.163	119	143756	19.141	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	182447	20.143	ug/l	95
85) sec-Butylbenzene	13.339	105	232439	19.850	ug/l	97
86) p-Isopropyltoluene	13.457	119	189531	19.873	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	104630	19.940	ug/l	94
88) 1,4-Dichlorobenzene	13.534	146	104260	19.694	ug/l	95
89) n-Butylbenzene	13.786	91	181314	19.590	ug/l	97
90) Hexachloroethane	14.051	117	40730	18.746	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	90776	19.929	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5602	19.214	ug/l	89
93) 1,2,4-Trichlorobenzene	15.092	180	46697	18.825	ug/l	96
94) Hexachlorobutadiene	15.198	225	28906	20.242	ug/l	92
95) Naphthalene	15.328	128	89494	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	41361	18.716	ug/l	99

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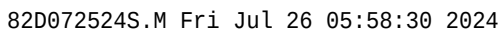
Instrument :
MSVOA_D
ClientSampleId :

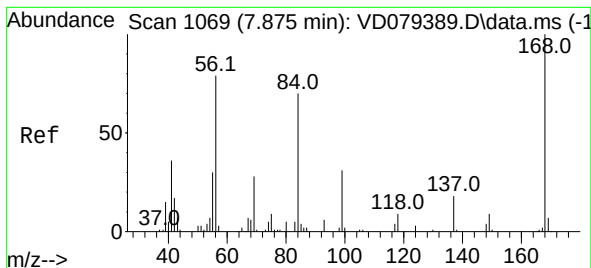
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079401.D

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Instrument :

MSVOA_D

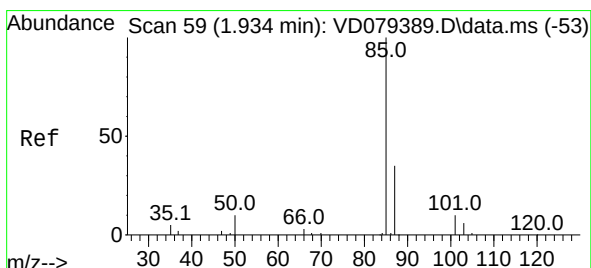
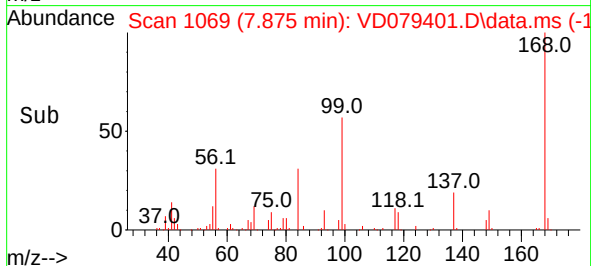
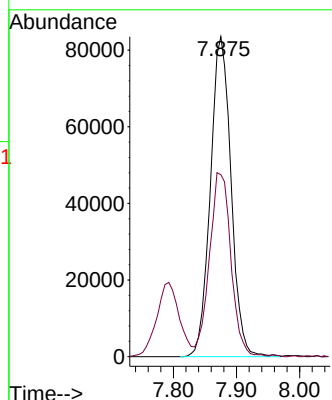
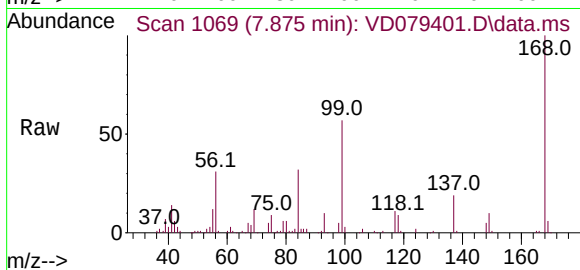
ClientSampleId :

Tgt Ion:168 Resp: 189524

Ion Ratio Lower Upper

168 100

99 56.6 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 15.887 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079401.D

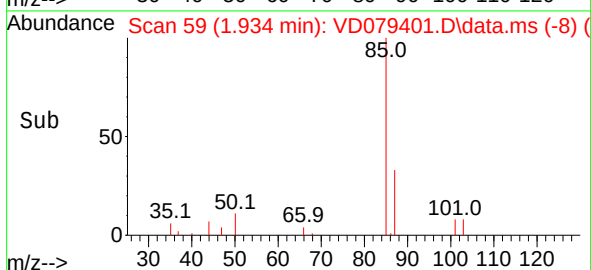
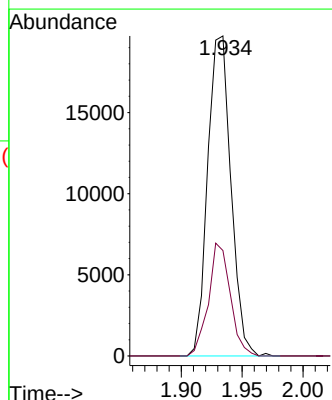
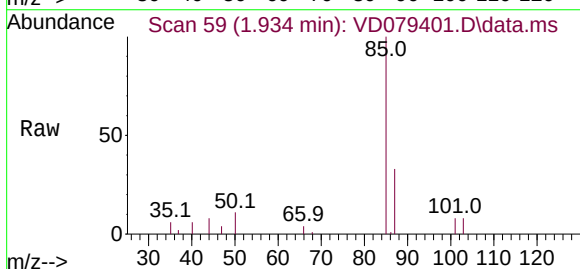
Acq: 25 Jul 2024 11:40

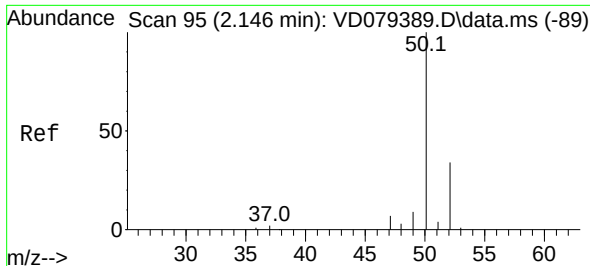
Tgt Ion: 85 Resp: 26218

Ion Ratio Lower Upper

85 100

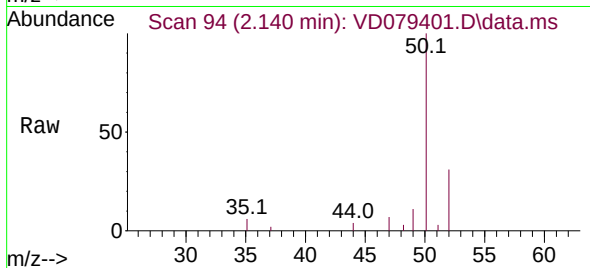
87 33.0 16.0 48.0



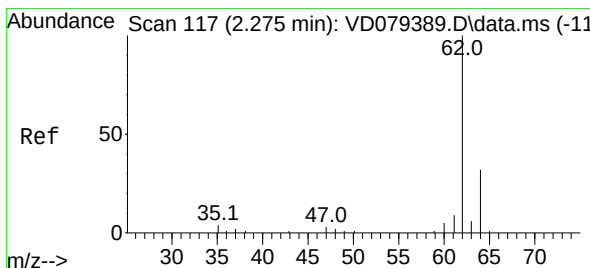
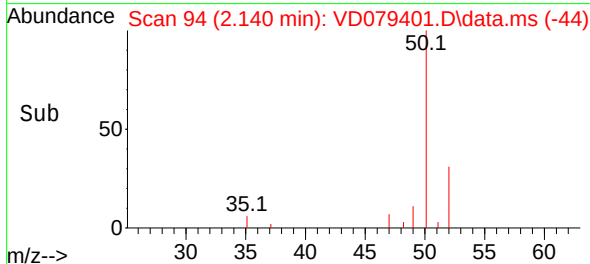
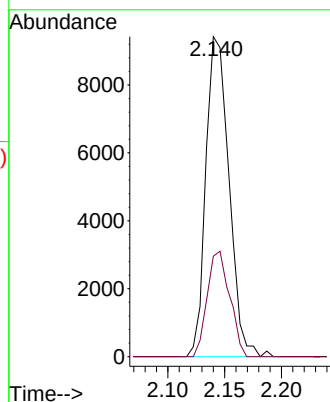


#3
Chloromethane
Concen: 16.903 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

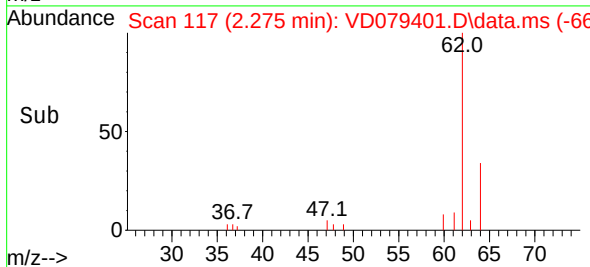
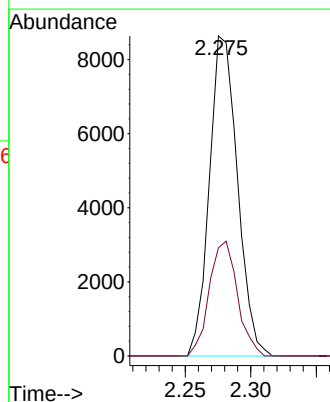
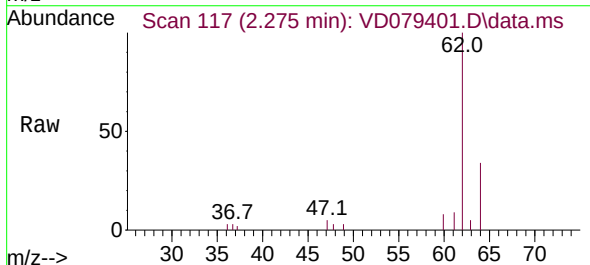


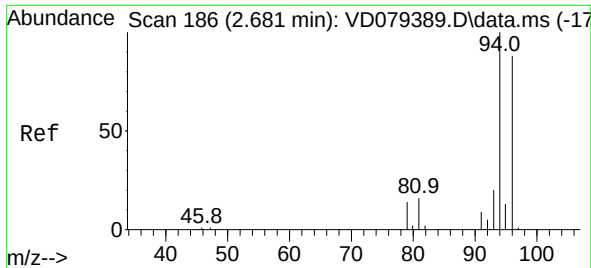
Tgt Ion: 50 Resp: 13371
Ion Ratio Lower Upper
50 100
52 31.4 28.2 42.2



#4
Vinyl Chloride
Concen: 18.009 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 62 Resp: 12880
Ion Ratio Lower Upper
62 100
64 33.8 26.3 39.5

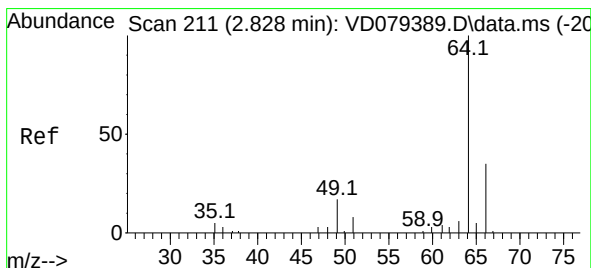
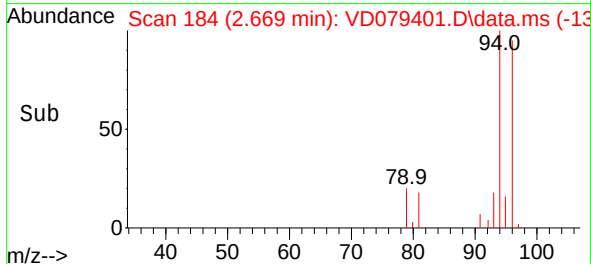
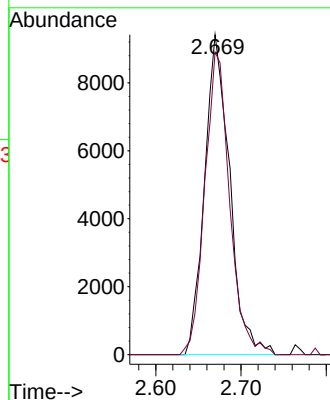
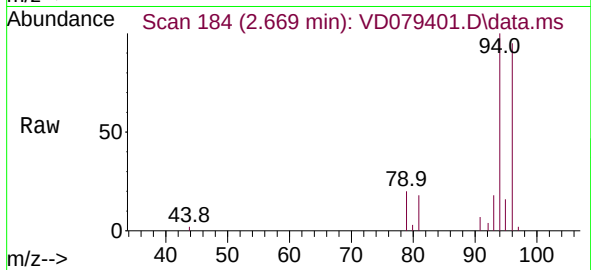




#5
Bromomethane
Concen: 34.994 ug/l
RT: 2.669 min Scan# 184
Delta R.T. -0.018 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

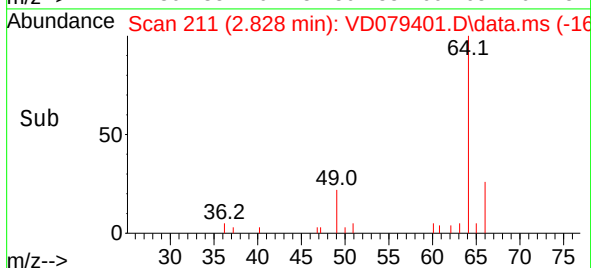
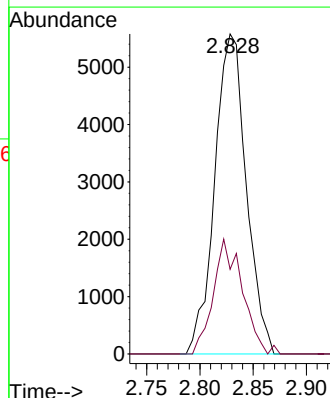
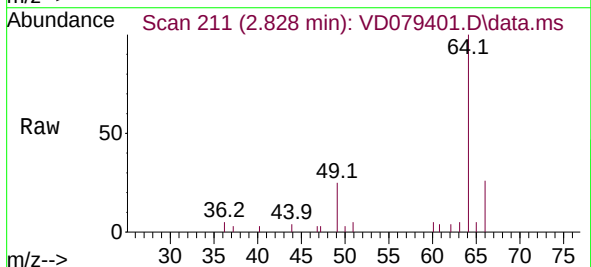
Instrument :
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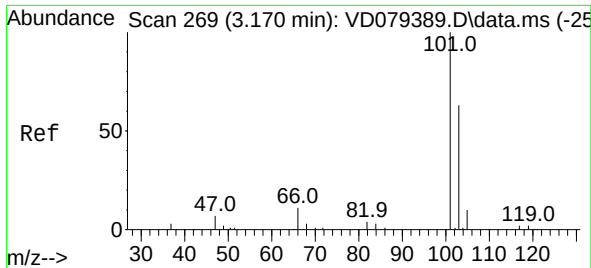
Tgt Ion: 94 Resp: 19276
Ion Ratio Lower Upper
94 100
96 93.8 76.9 115.3



#6
Chloroethane
Concen: 34.057 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

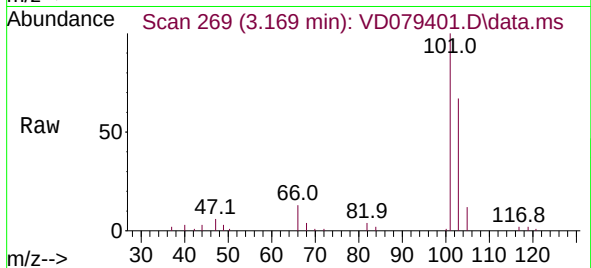
Tgt Ion: 64 Resp: 11495
Ion Ratio Lower Upper
64 100
66 26.4 24.5 36.7



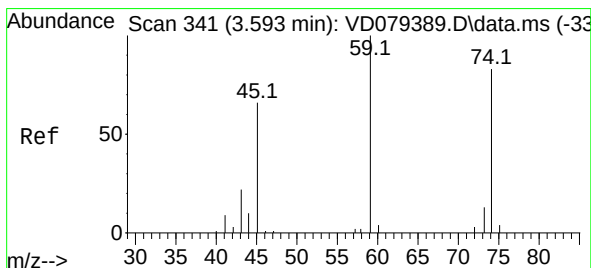
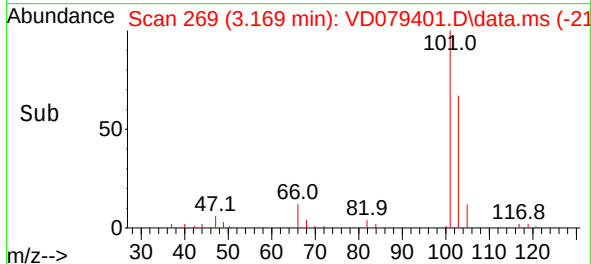
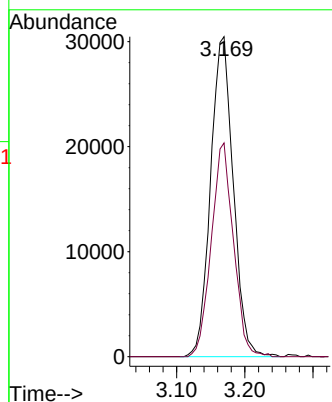


#7
Trichlorofluoromethane
Concen: 19.517 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

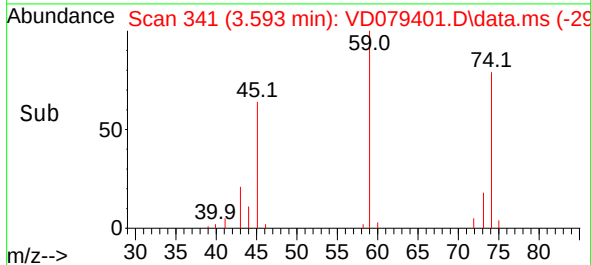
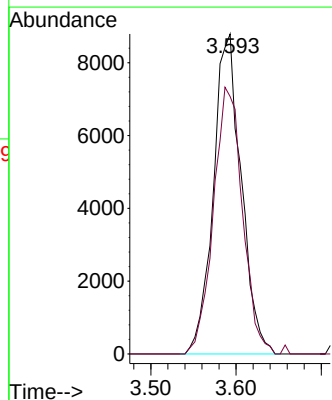
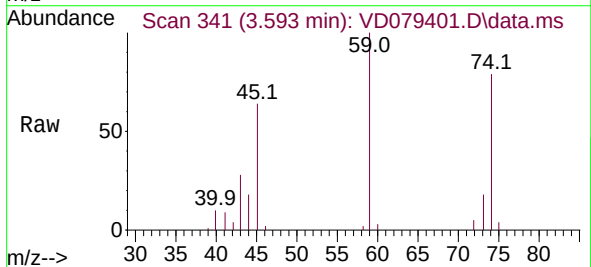


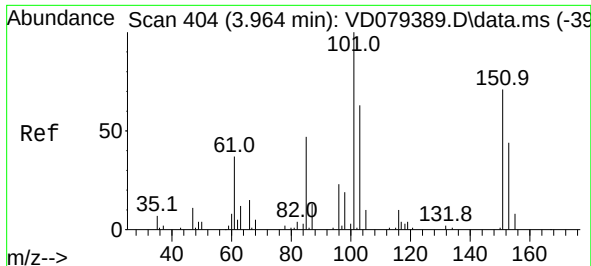
Tgt Ion:101 Resp: 70523
Ion Ratio Lower Upper
101 100
103 66.8 53.2 79.8



#8
Diethyl Ether
Concen: 19.250 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 74 Resp: 19952
Ion Ratio Lower Upper
74 100
45 87.0 37.9 113.6

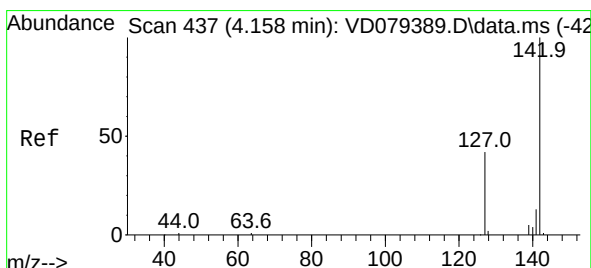
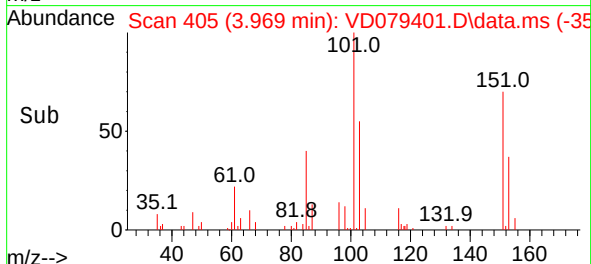
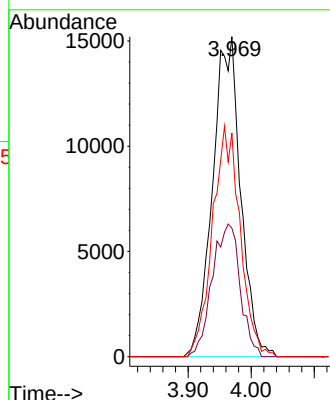
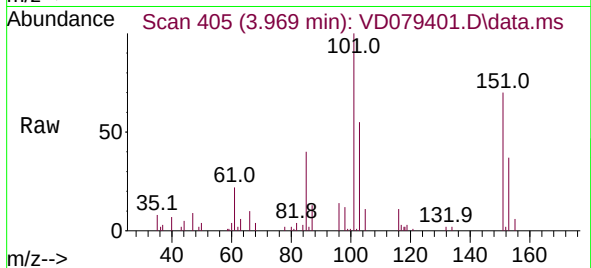




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.606 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.011 min
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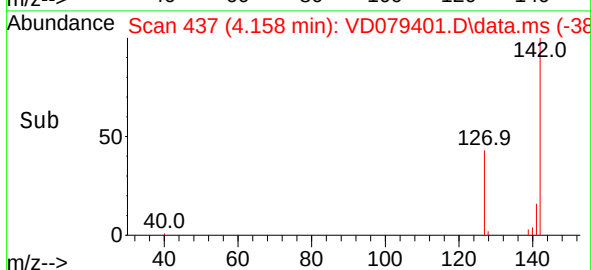
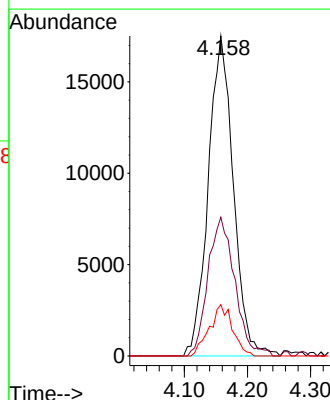
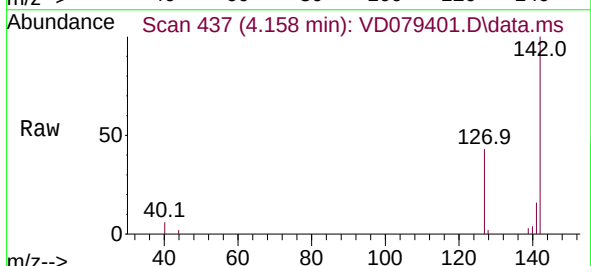
Instrument :
MSVOA_D
ClientSampleId :

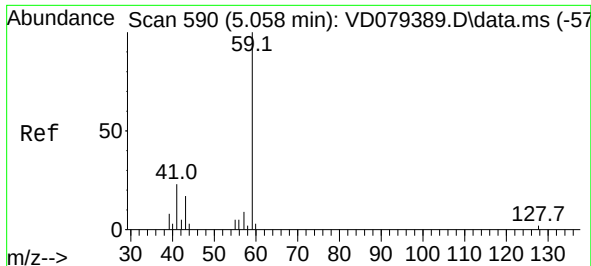
Tgt Ion:101 Resp: 46757
Ion Ratio Lower Upper
101 100
85 41.5 33.5 50.3
151 71.0 60.3 90.5



#10
Methyl Iodide
Concen: 18.539 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:142 Resp: 48391
Ion Ratio Lower Upper
142 100
127 46.3 34.2 51.4
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 75.959 ug/l

RT: 5.052 min Scan# 590

Delta R.T. -0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

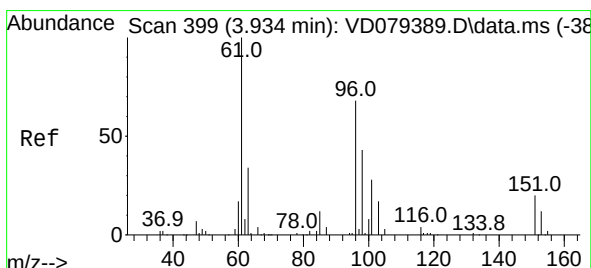
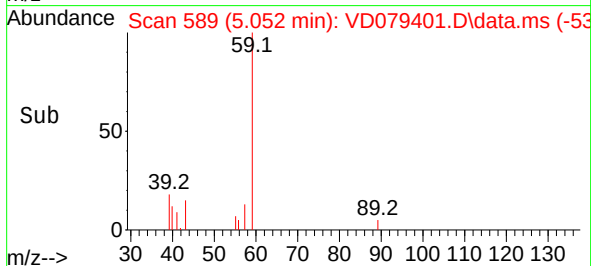
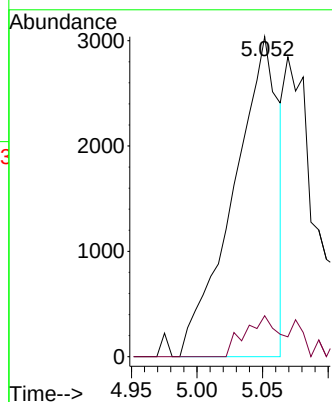
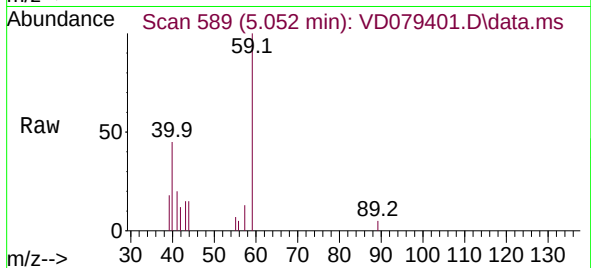
ClientSampleId :

Tgt Ion: 59 Resp: 7284

Ion Ratio Lower Upper

59 100

57 9.7 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 19.296 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

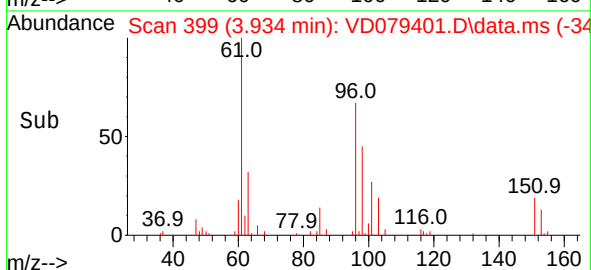
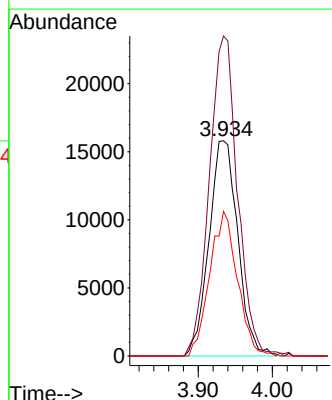
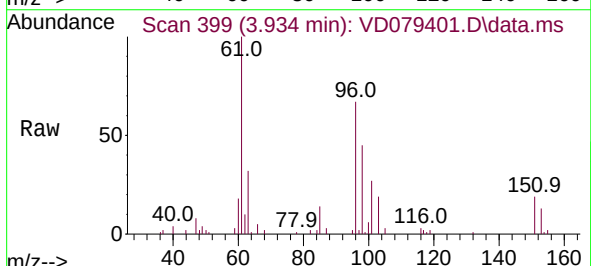
Tgt Ion: 96 Resp: 42702

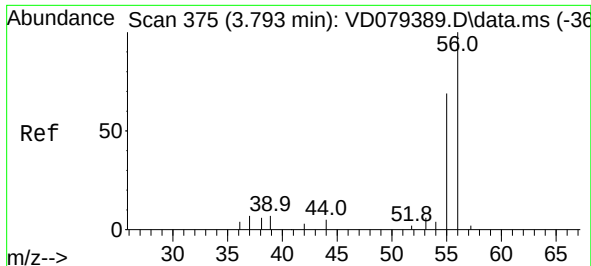
Ion Ratio Lower Upper

96 100

61 148.7 107.3 160.9

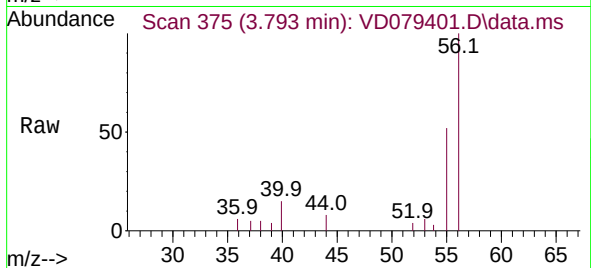
98 67.1 51.7 77.5



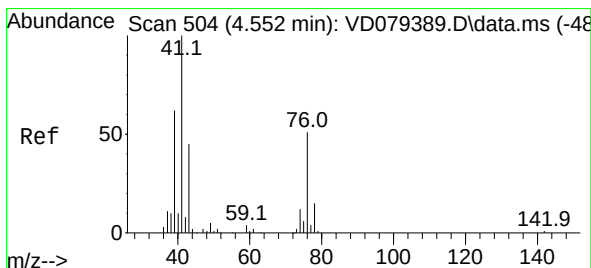
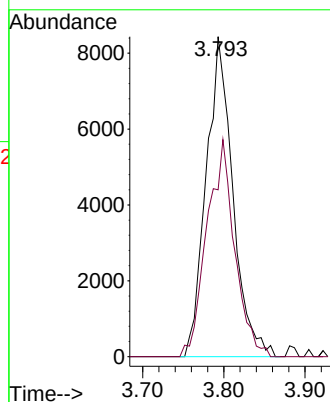
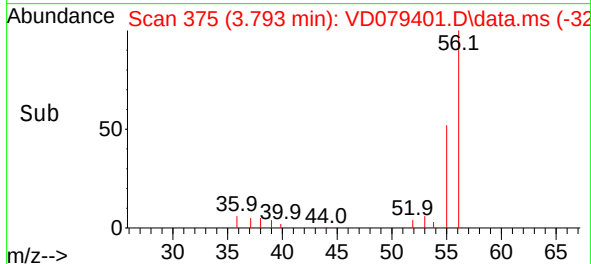


#13
Acrolein
Concen: 110.525 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

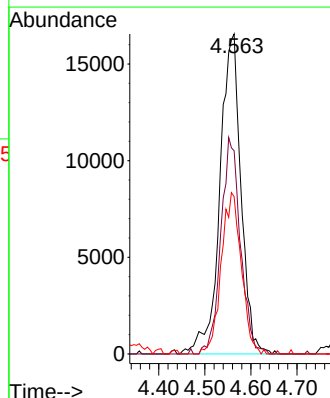
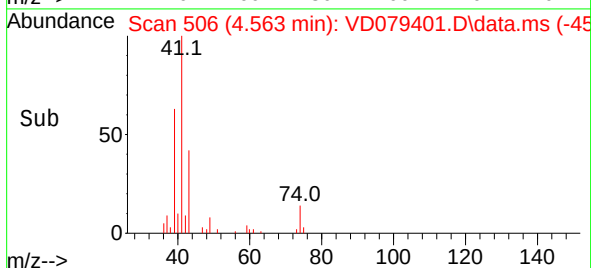
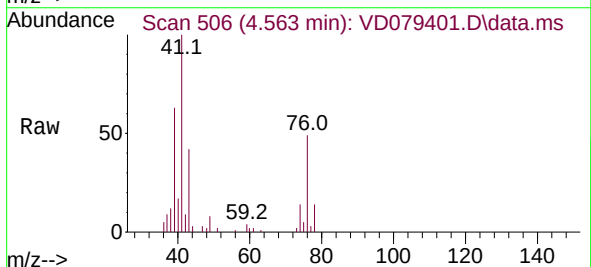


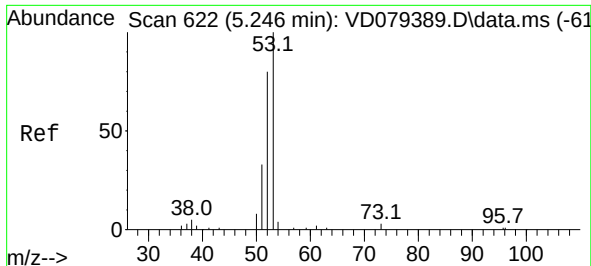
Tgt Ion: 56 Resp: 19269
Ion Ratio Lower Upper
56 100
55 70.6 55.3 82.9



#14
Allyl chloride
Concen: 20.217 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

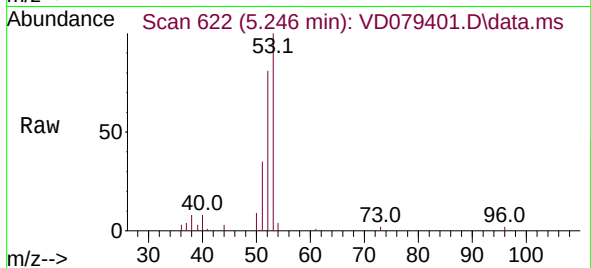
Tgt Ion: 41 Resp: 52624
Ion Ratio Lower Upper
41 100
39 62.4 58.0 87.0
76 47.8 45.9 68.9



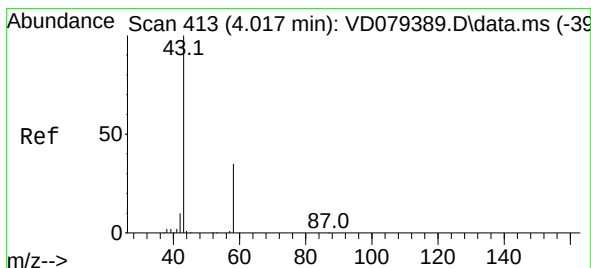
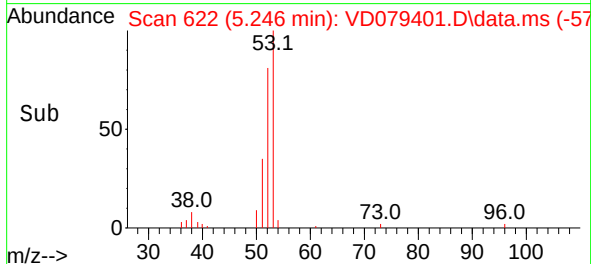
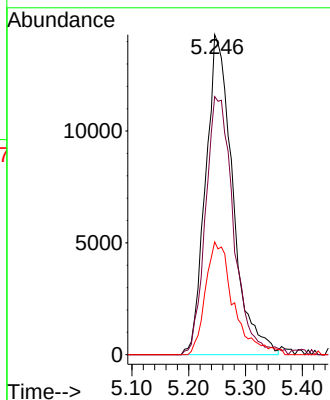


#15
Acrylonitrile
Concen: 100.318 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

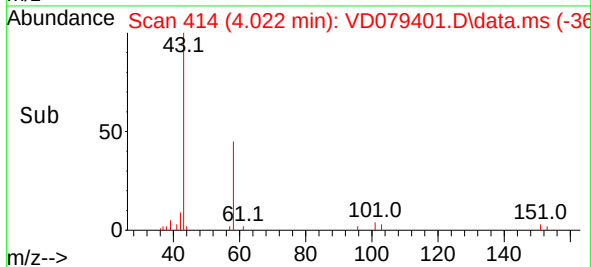
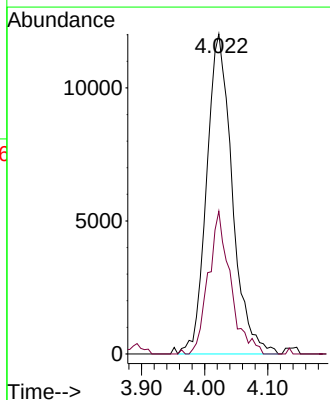
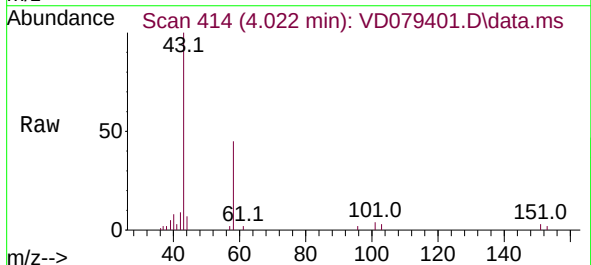


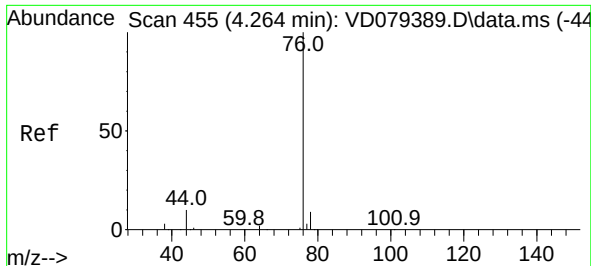
Tgt Ion: 53 Resp: 47422
Ion Ratio Lower Upper
53 100
52 83.4 67.7 101.5
51 36.6 28.6 42.8



#16
Acetone
Concen: 95.867 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 43 Resp: 33844
Ion Ratio Lower Upper
43 100
58 44.6 30.4 45.6

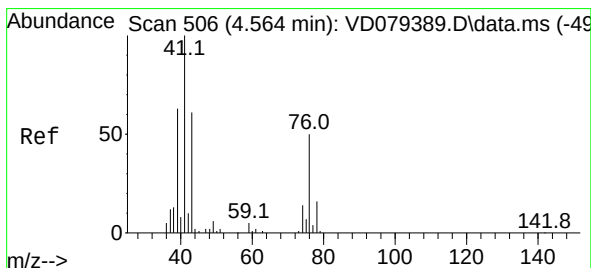
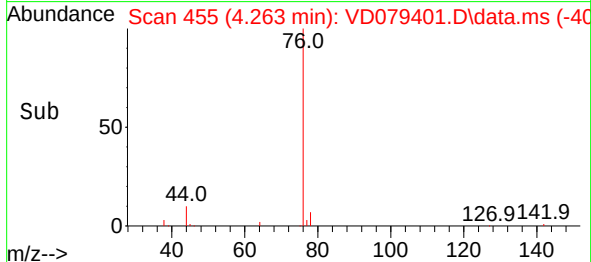
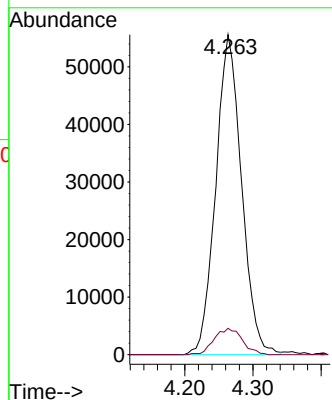
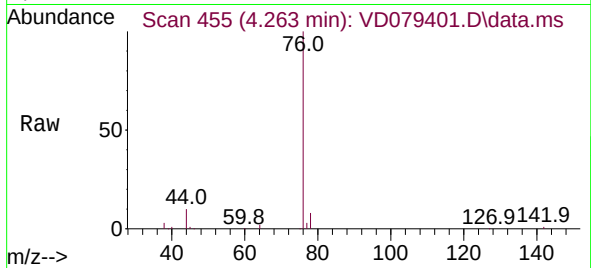




#17
Carbon Disulfide
Concen: 19.606 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

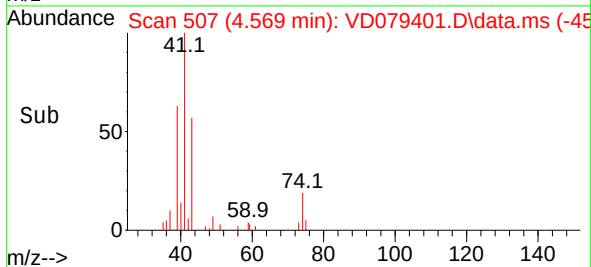
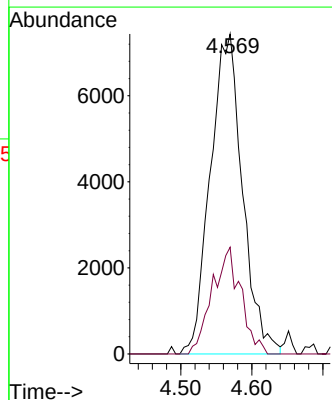
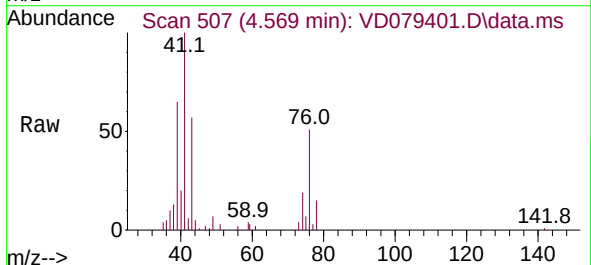
Instrument :
MSVOA_D
ClientSampleId :

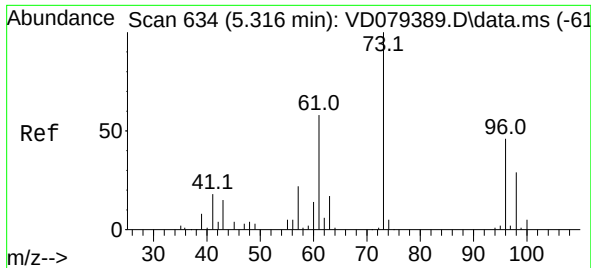
Tgt Ion: 76 Resp: 146268
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#18
Methyl Acetate
Concen: 21.798 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

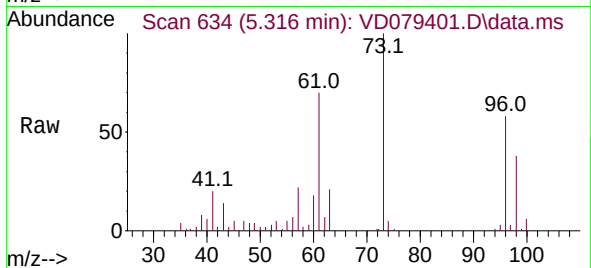
Tgt Ion: 43 Resp: 23391
Ion Ratio Lower Upper
43 100
74 29.7 28.1 42.1



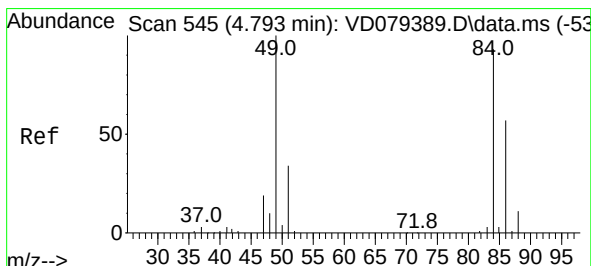
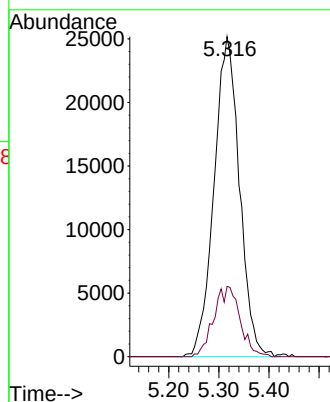
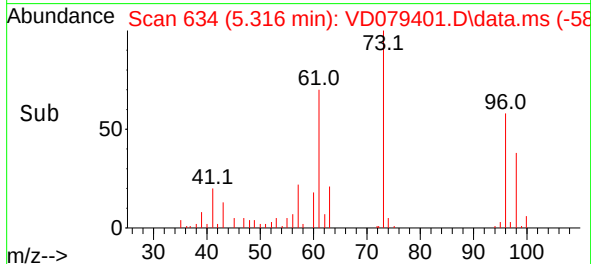


#19
Methyl tert-butyl Ether
Concen: 19.563 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

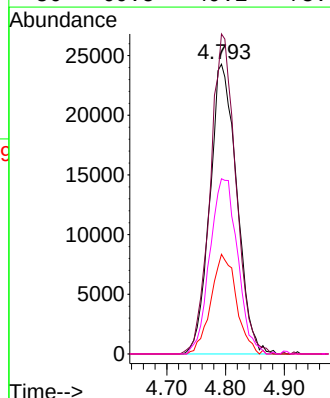
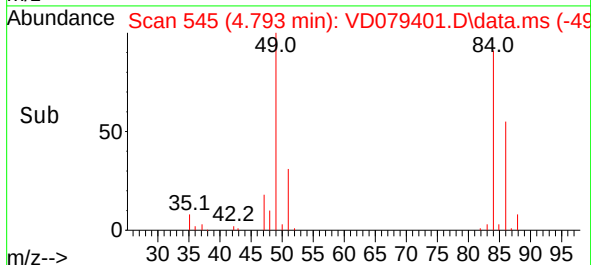
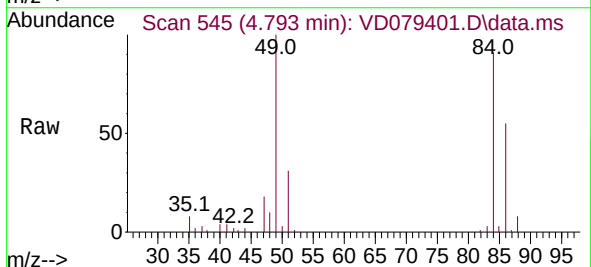


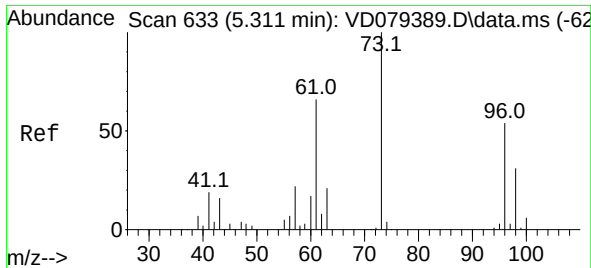
Tgt Ion: 73 Resp: 88789
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5



#20
Methylene Chloride
Concen: 20.843 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

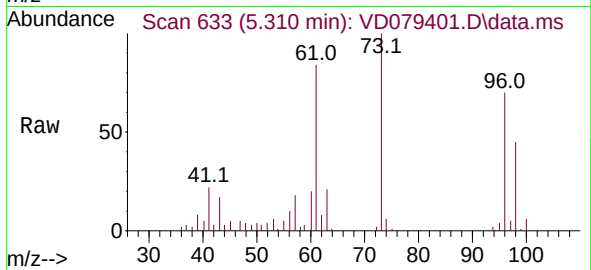
Tgt Ion: 84 Resp: 77199
Ion Ratio Lower Upper
84 100
49 110.4 75.6 113.4
51 34.4 24.2 36.2
86 60.5 49.2 73.8



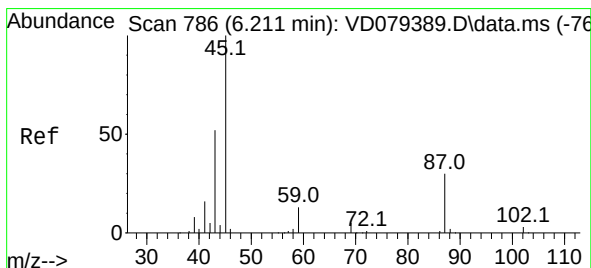
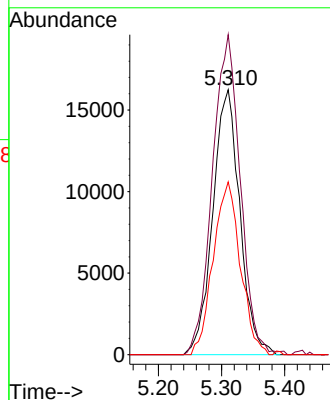
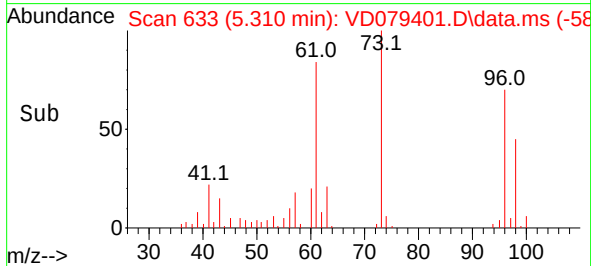


#21
trans-1,2-Dichloroethene
Concen: 19.519 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

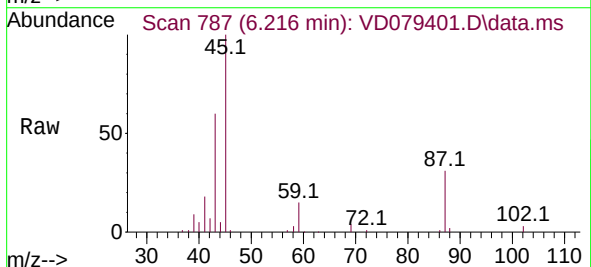
Instrument :
MSVOA_D
ClientSampleId :



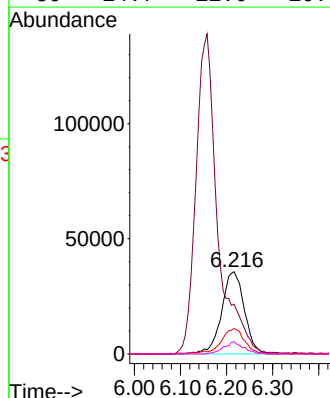
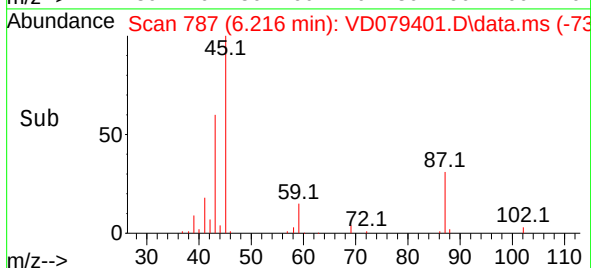
Tgt Ion: 96 Resp: 48429
Ion Ratio Lower Upper
96 100
61 120.7 84.5 126.7
98 65.2 50.5 75.7

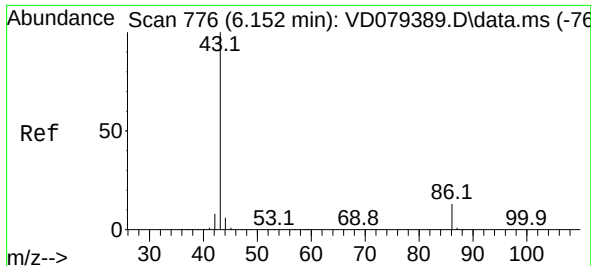


#22
Diisopropyl ether
Concen: 20.805 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40



Tgt Ion: 45 Resp: 122248
Ion Ratio Lower Upper
45 100
43 59.1 41.7 62.5
87 30.4 30.2 45.2
59 14.7 11.0 16.6

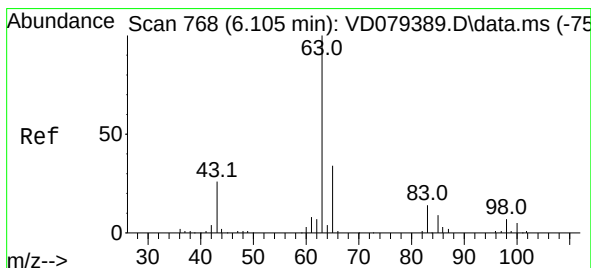
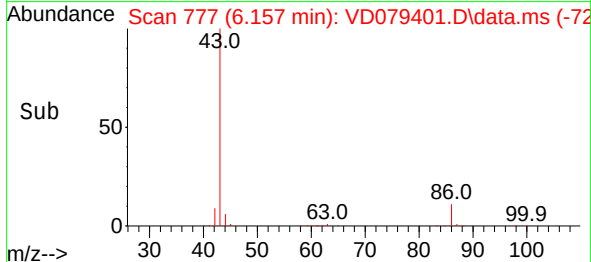
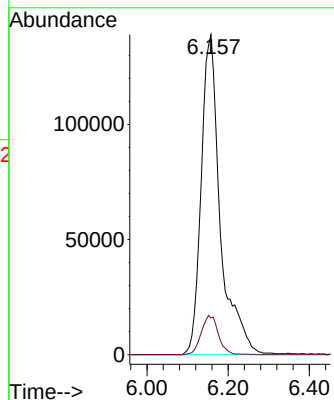
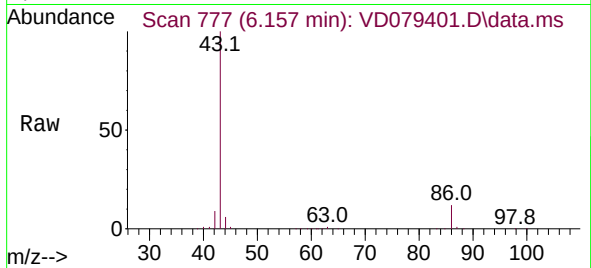




#23
 Vinyl Acetate
 Concen: 102.887 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD079401.D
 Acq: 25 Jul 2024 11:40

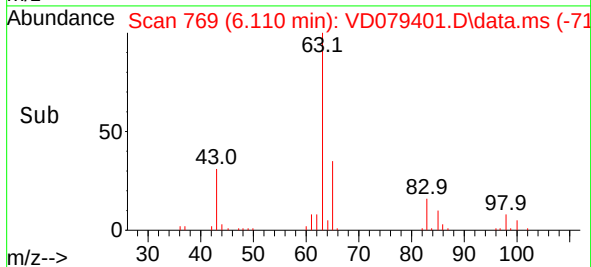
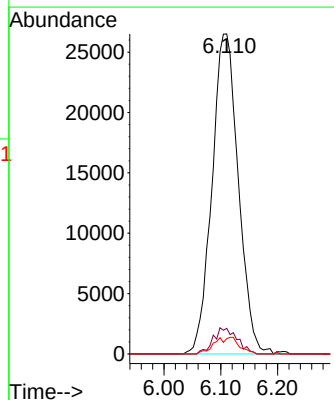
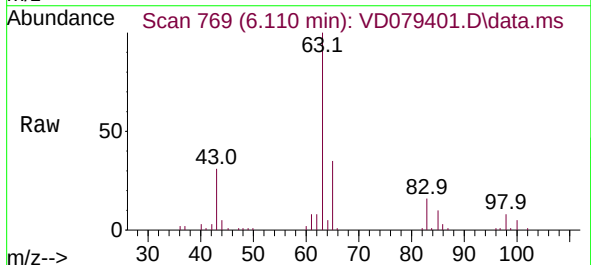
Instrument :
 MSVOA_D
 ClientSampleId :

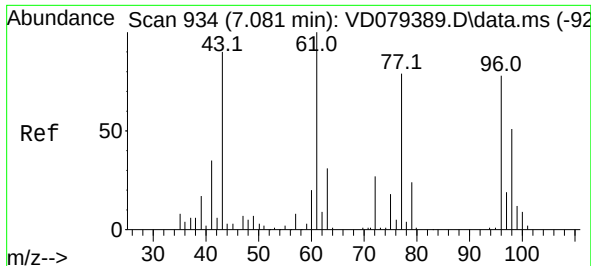
Tgt Ion: 43 Resp: 456401
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.067 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD079401.D
 Acq: 25 Jul 2024 11:40

Tgt Ion: 63 Resp: 85480
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.7 14.0
 100 4.8 2.9 8.6





#25

2-Butanone

Concen: 95.463 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

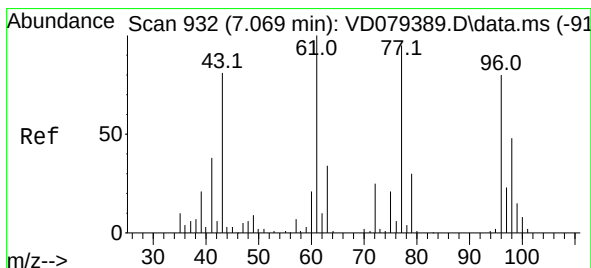
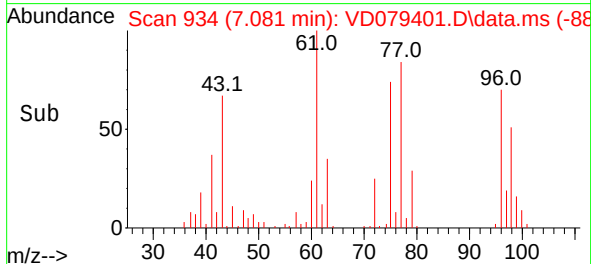
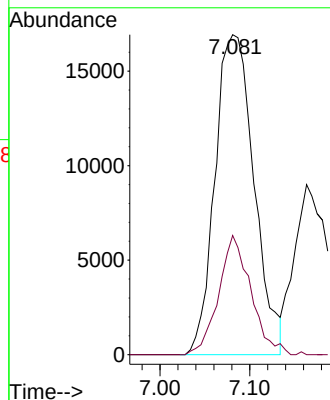
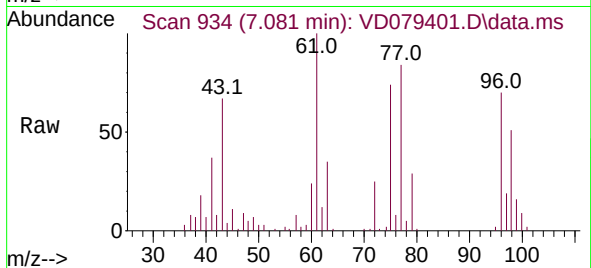
ClientSampleId :

Tgt Ion: 43 Resp: 51108

Ion Ratio Lower Upper

43 100

72 37.2 26.4 39.6



#26

2,2-Dichloropropane

Concen: 19.501 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.000 min

Lab File: VD079401.D

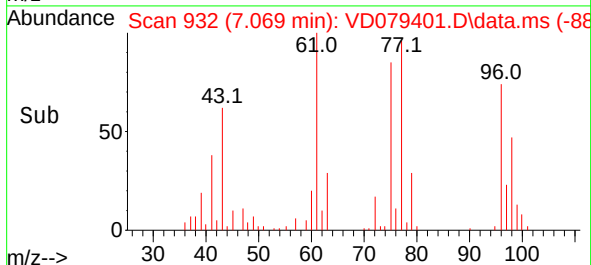
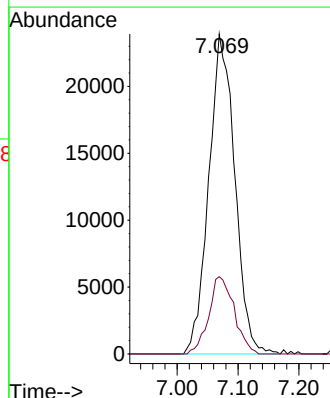
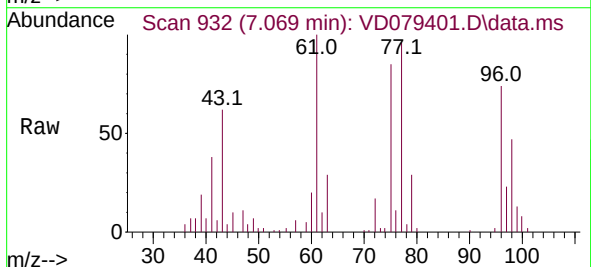
Acq: 25 Jul 2024 11:40

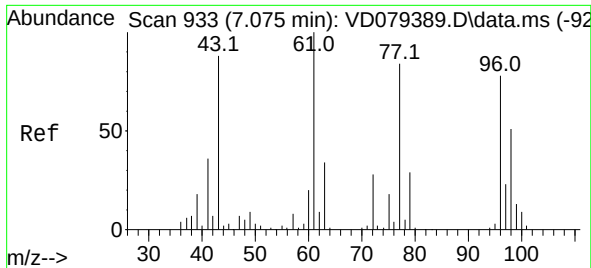
Tgt Ion: 77 Resp: 70938

Ion Ratio Lower Upper

77 100

97 23.6 12.4 37.2

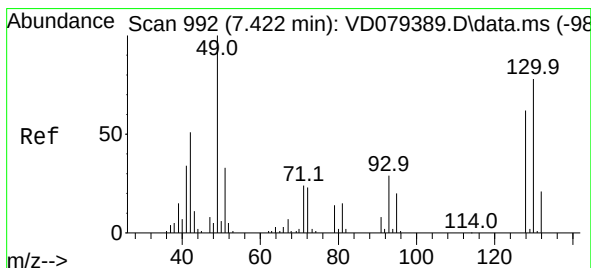
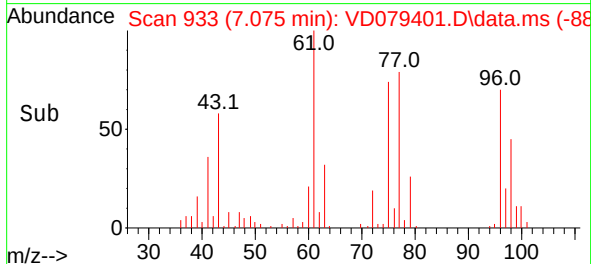
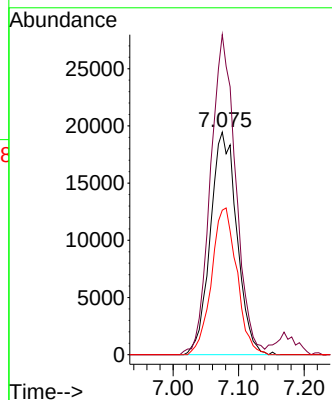
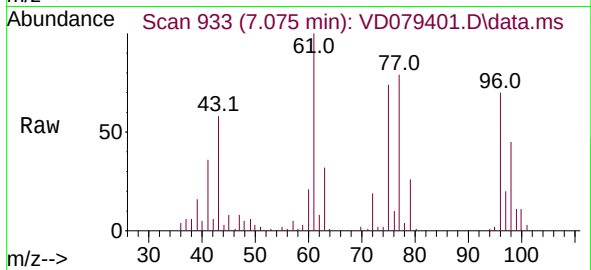




#27
 cis-1,2-Dichloroethene
 Concen: 18.900 ug/l
 RT: 7.075 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: VD079401.D
 Acq: 25 Jul 2024 11:40

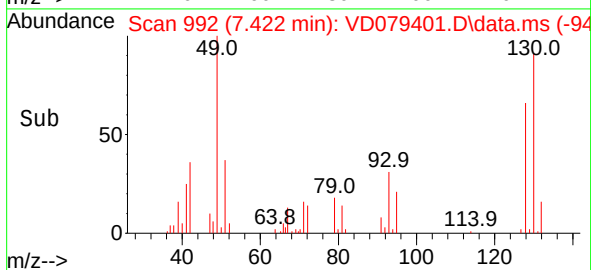
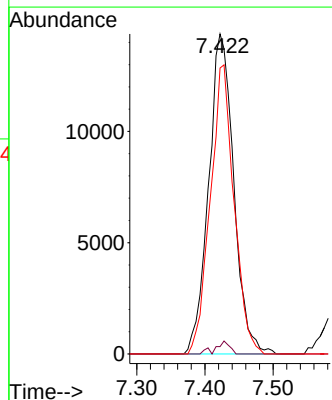
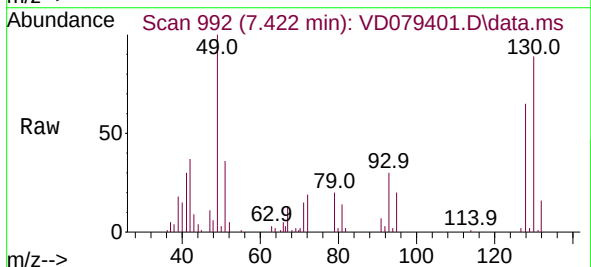
Instrument :
 MSVOA_D
 ClientSampleId :

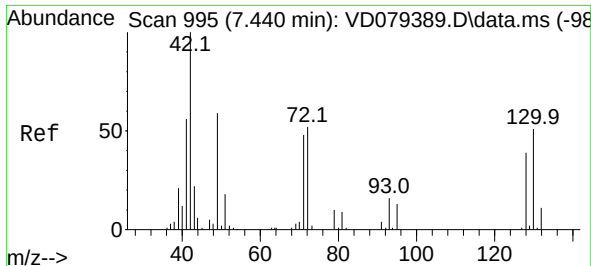
Tgt Ion: 96 Resp: 54562
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 229.0
 98 63.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 21.079 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079401.D
 Acq: 25 Jul 2024 11:40

Tgt Ion: 49 Resp: 36925
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 7.0
 130 85.2 87.7 131.5#





#29

Tetrahydrofuran

Concen: 101.546 ug/l

RT: 7.446 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

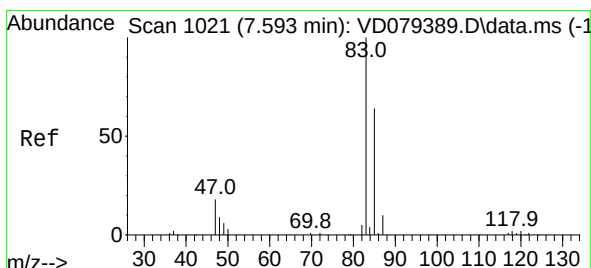
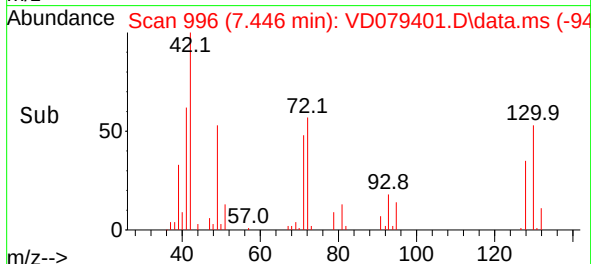
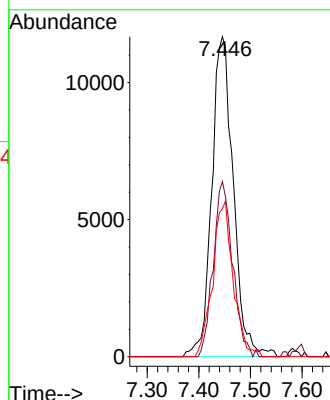
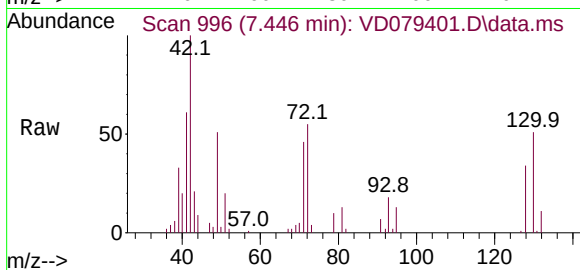
Tgt Ion: 42 Resp: 33841

Ion Ratio Lower Upper

42 100

72 49.4 49.4 74.0

71 46.1 45.0 67.6



#30

Chloroform

Concen: 19.774 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079401.D

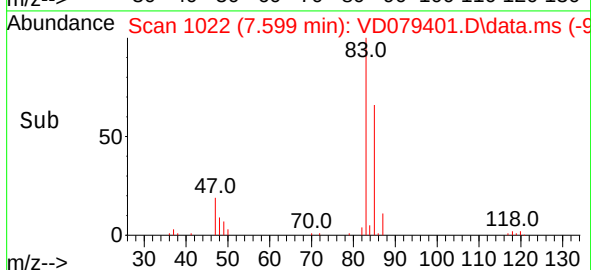
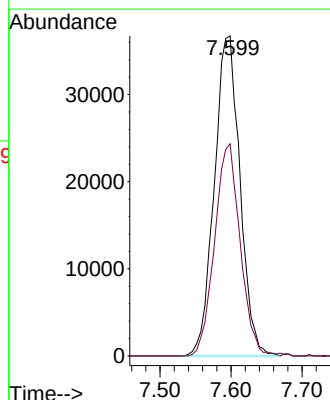
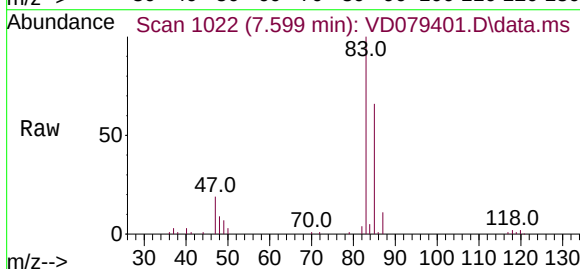
Acq: 25 Jul 2024 11:40

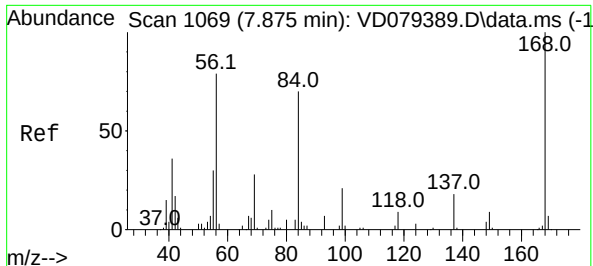
Tgt Ion: 83 Resp: 92041

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.6





#31

Cyclohexane

Concen: 19.298 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

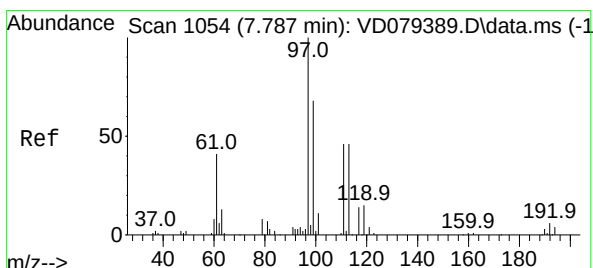
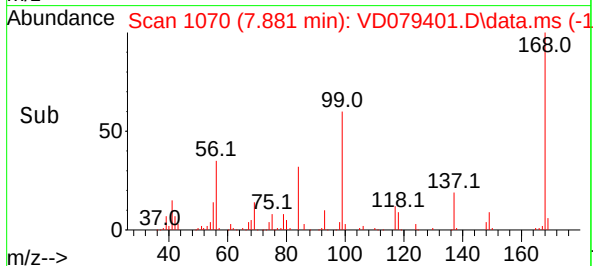
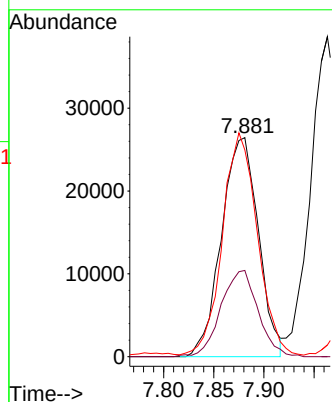
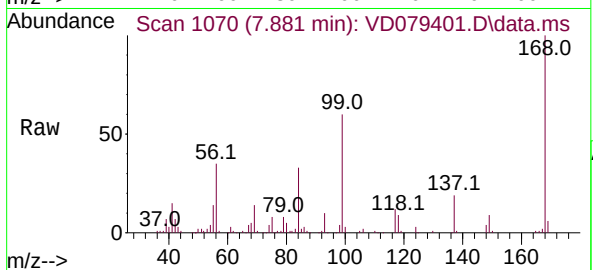
Tgt Ion: 56 Resp: 67828

Ion Ratio Lower Upper

56 100

69 38.7 28.0 42.0

84 93.5 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 20.102 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

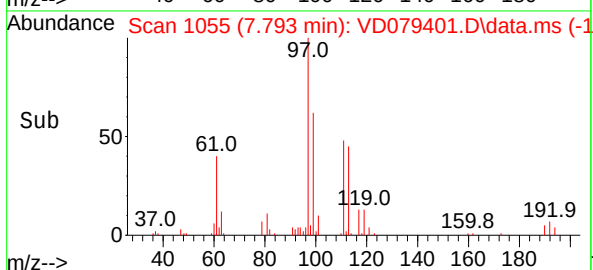
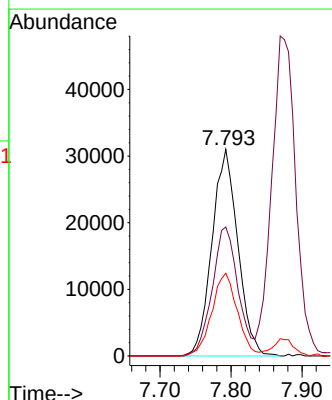
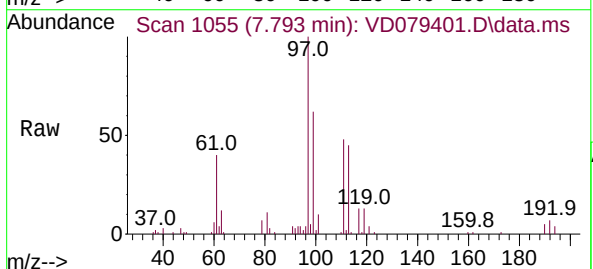
Tgt Ion: 97 Resp: 78256

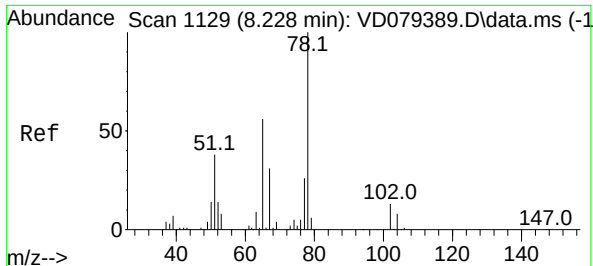
Ion Ratio Lower Upper

97 100

99 62.7 51.3 76.9

61 39.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 21.353 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

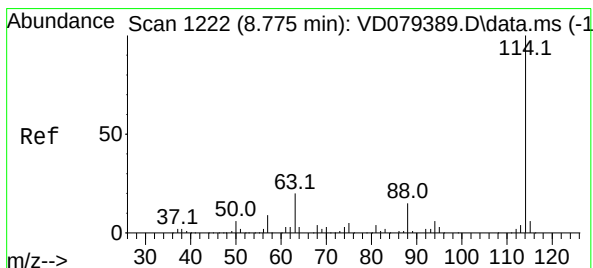
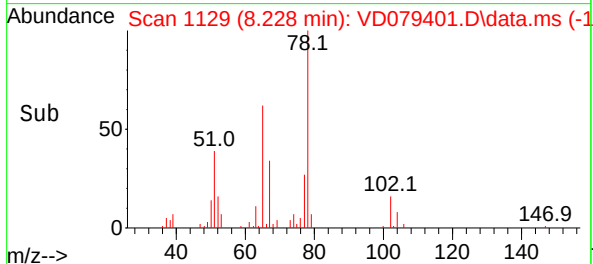
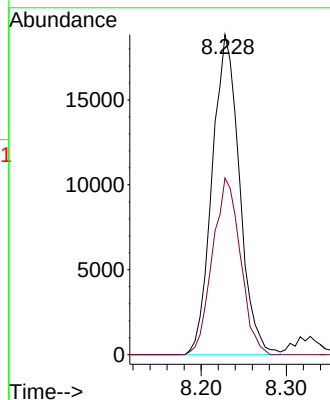
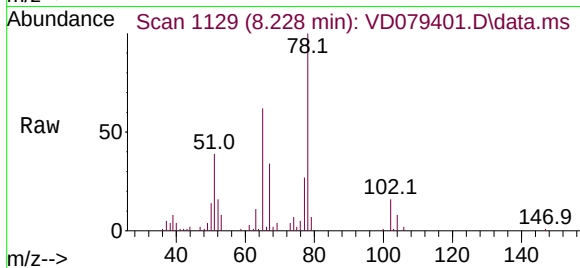
ClientSampleId :

Tgt Ion: 65 Resp: 41961

Ion Ratio Lower Upper

65 100

67 56.2 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: VD079401.D

Acq: 25 Jul 2024 11:40

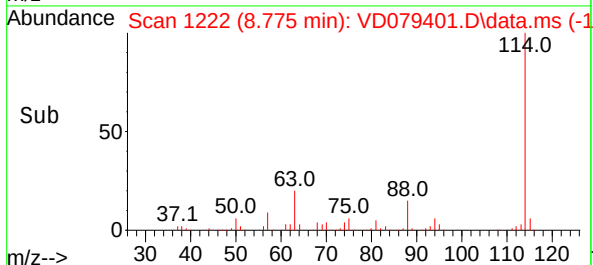
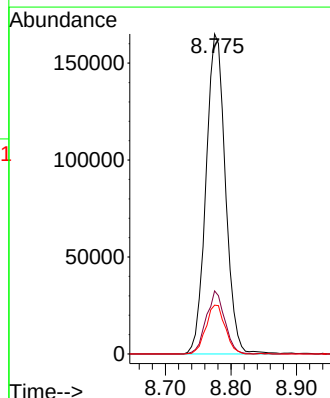
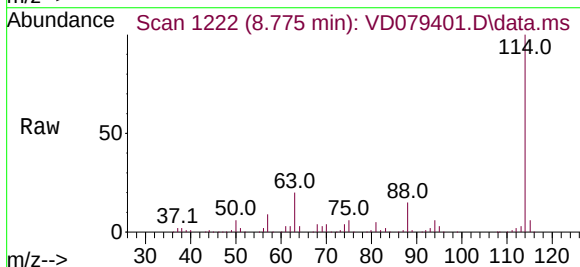
Tgt Ion: 114 Resp: 339645

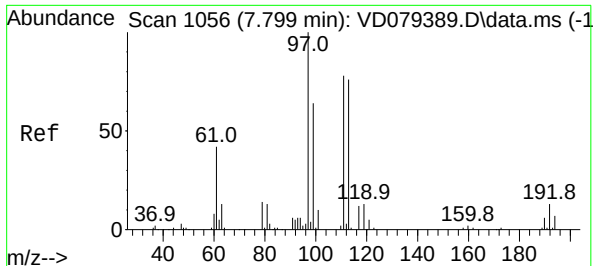
Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 21.073 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

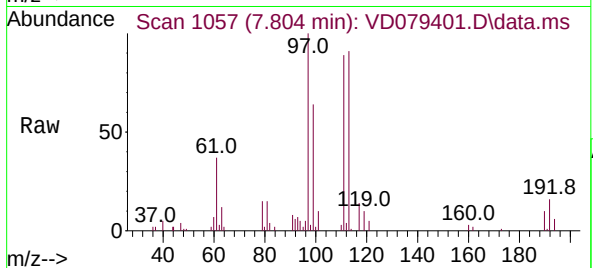
Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :



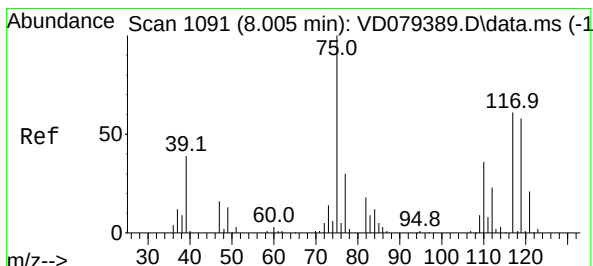
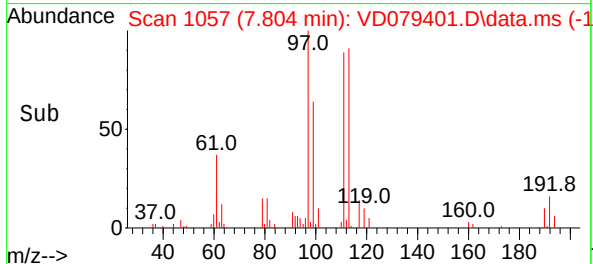
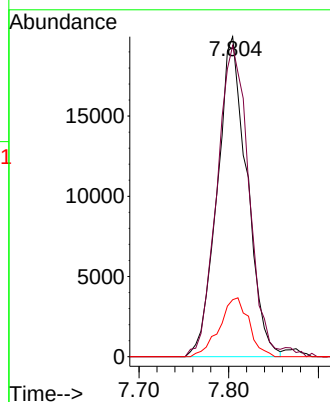
Tgt Ion:113 Resp: 45781

Ion Ratio Lower Upper

113 100

111 105.5 84.0 126.0

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.655 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

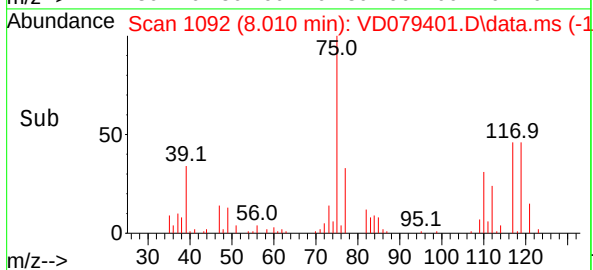
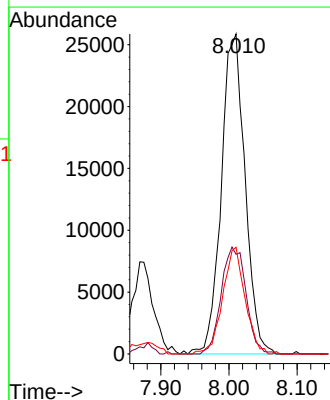
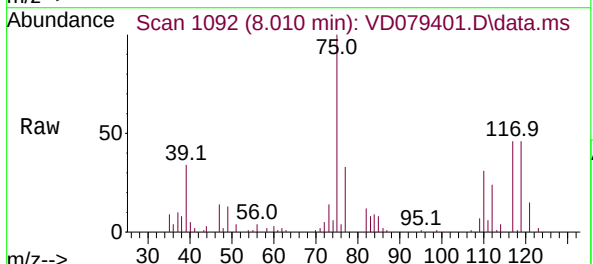
Tgt Ion: 75 Resp: 62831

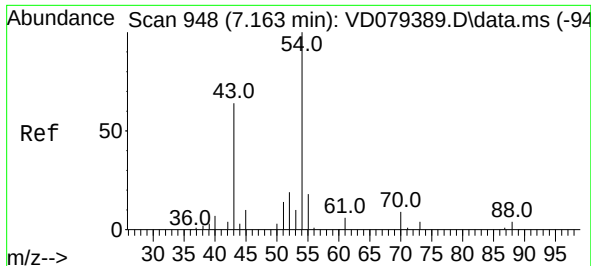
Ion Ratio Lower Upper

75 100

110 34.8 19.6 58.7

77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 20.512 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.006 min

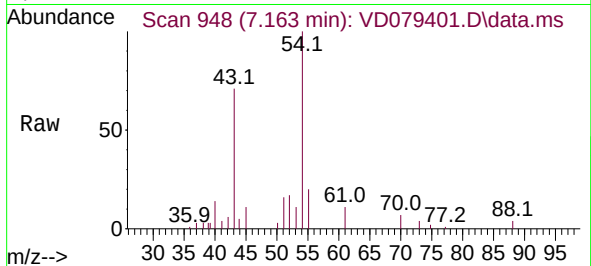
Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

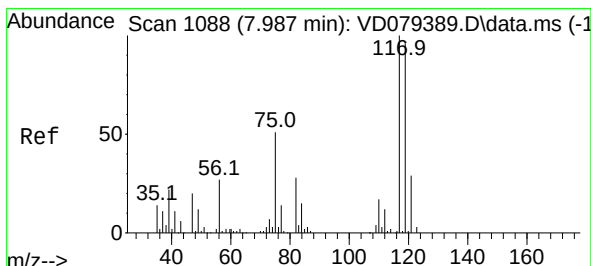
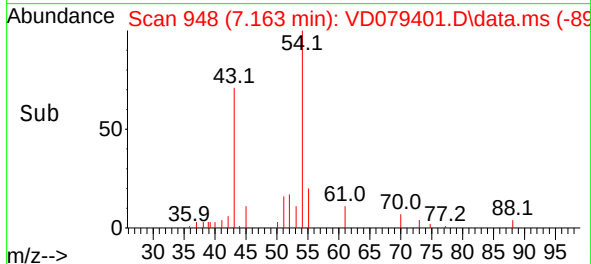
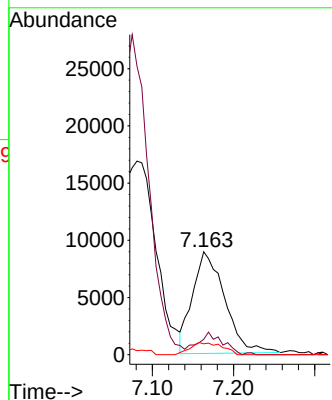
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	24554
Ion Ratio	Lower	Upper	
43	100		
61	16.9	13.9	20.9
70	11.7	9.8	14.6



#38

Carbon Tetrachloride

Concen: 19.784 ug/l

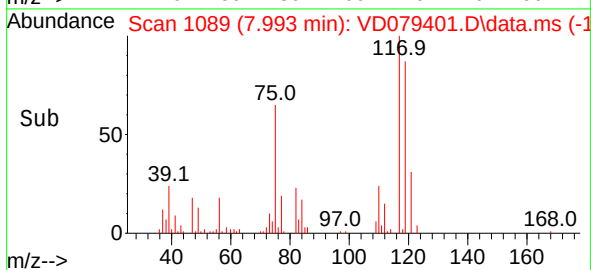
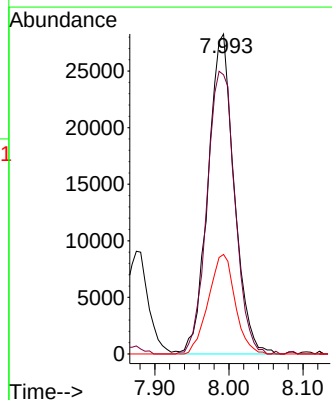
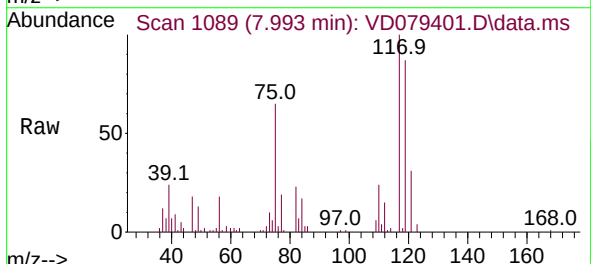
RT: 7.993 min Scan# 1089

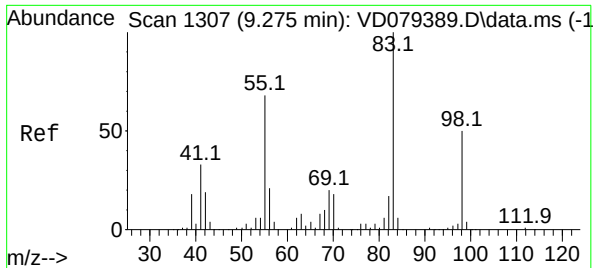
Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Tgt Ion:	117	Resp:	69252
Ion Ratio	Lower	Upper	
117	100		
119	87.2	75.4	113.0
121	31.1	25.0	37.4





#39

Methylcyclohexane

Concen: 19.051 ug/l

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

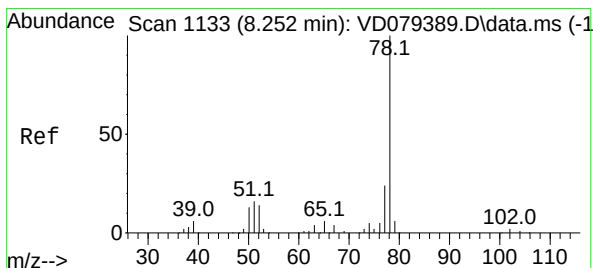
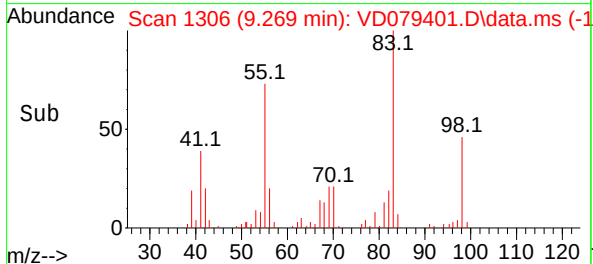
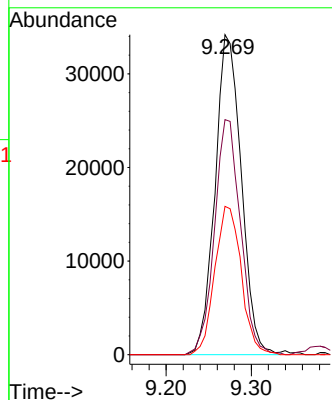
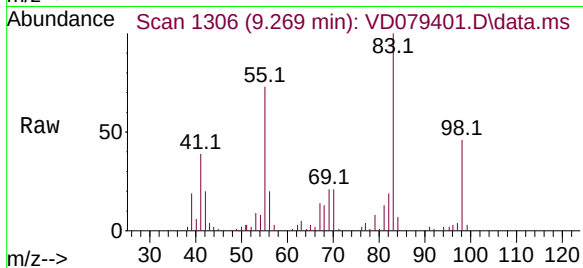
Tgt Ion: 83 Resp: 73018

Ion Ratio Lower Upper

83 100

55 73.4 50.1 75.1

98 46.4 41.9 62.9



#40

Benzene

Concen: 19.723 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079401.D

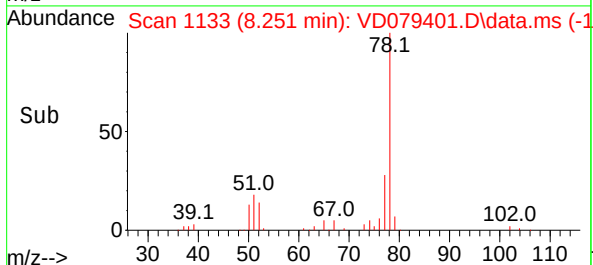
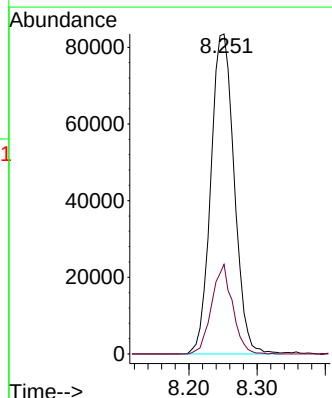
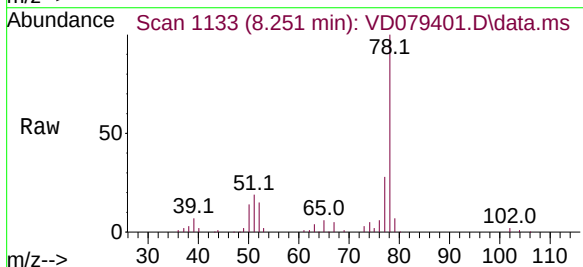
Acq: 25 Jul 2024 11:40

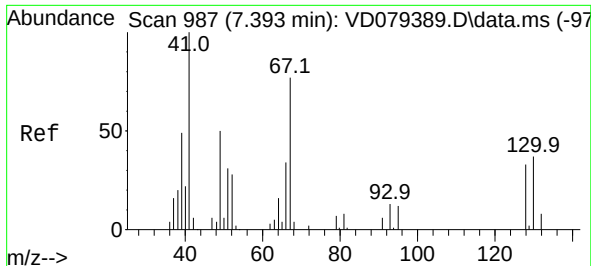
Tgt Ion: 78 Resp: 199365

Ion Ratio Lower Upper

78 100

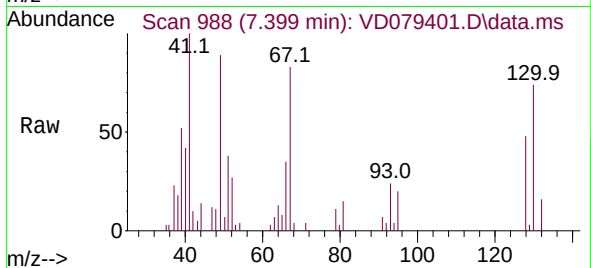
77 28.0 18.1 27.1#



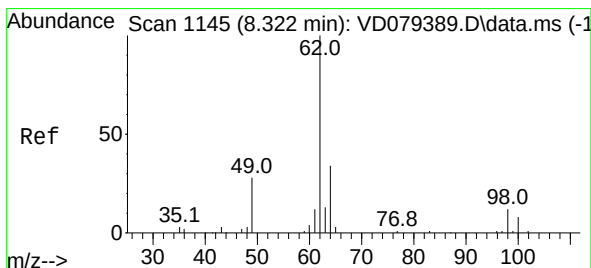
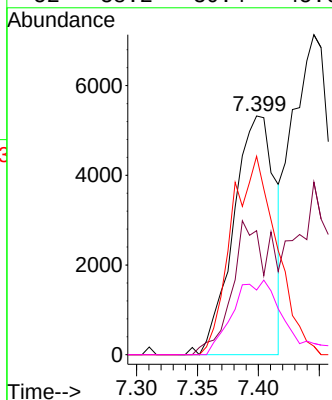
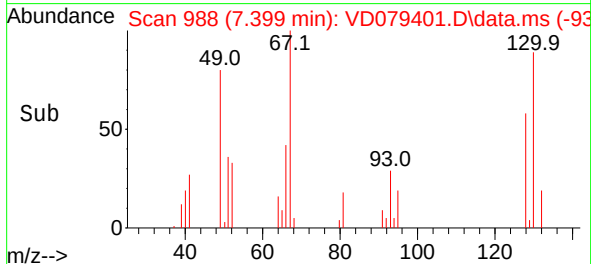


#41
Methacrylonitrile
Concen: 19.184 ug/l
RT: 7.399 min Scan# 987
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Instrument :
MSVOA_D
ClientSampleId :

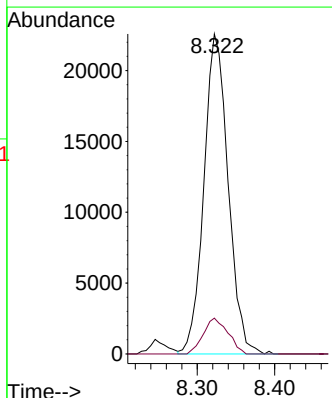
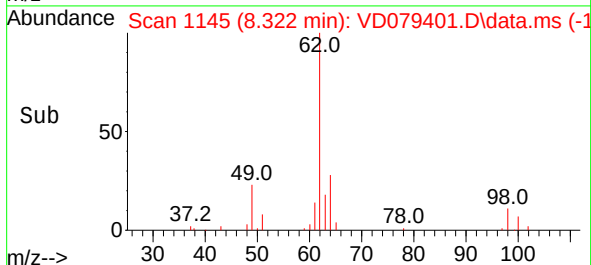
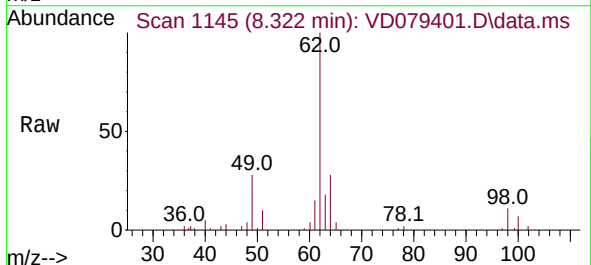


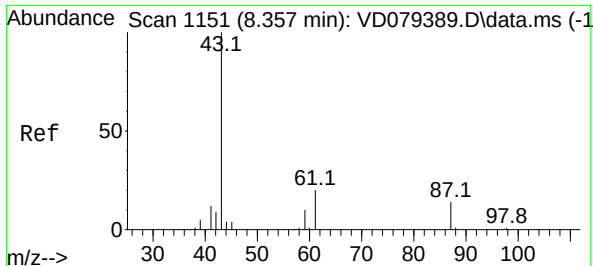
Tgt Ion: 41 Resp: 12617
Ion Ratio Lower Upper
41 100
39 39.9 41.4 62.0#
67 91.4 85.8 128.6
52 38.2 30.4 45.6



#42
1,2-Dichloroethane
Concen: 20.066 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 62 Resp: 49162
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.8





#43

Isopropyl Acetate

Concen: 19.610 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD079401.D

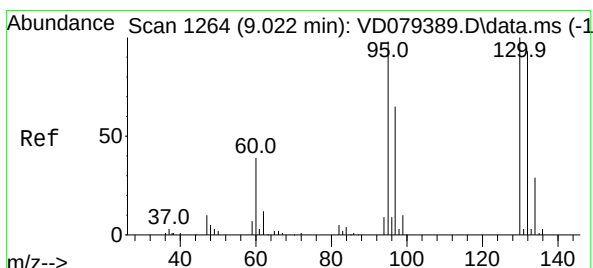
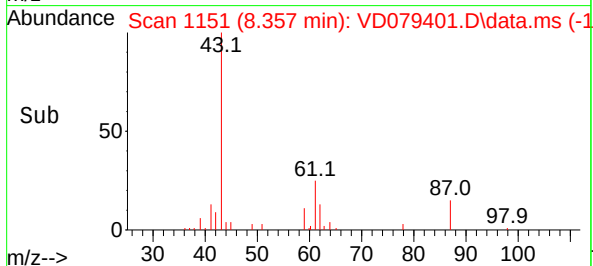
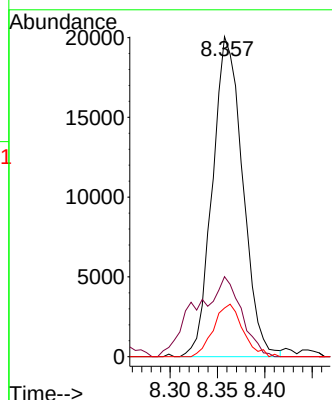
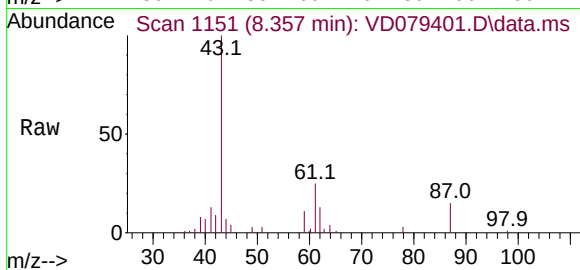
Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 44506
Ion Ratio	Lower Upper
43	100
61	37.7 29.3 43.9
87	15.9 14.9 22.3



#44

Trichloroethene

Concen: 19.640 ug/l

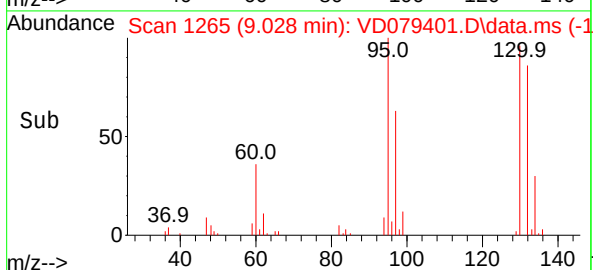
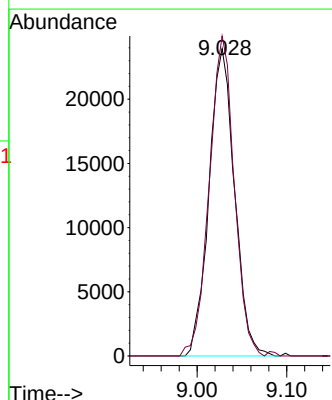
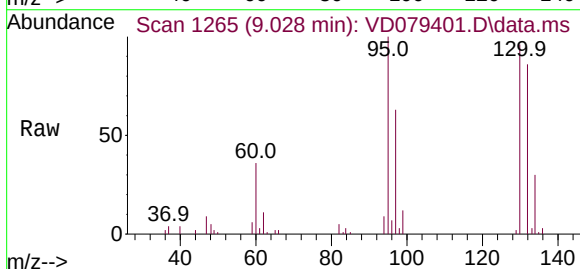
RT: 9.028 min Scan# 1265

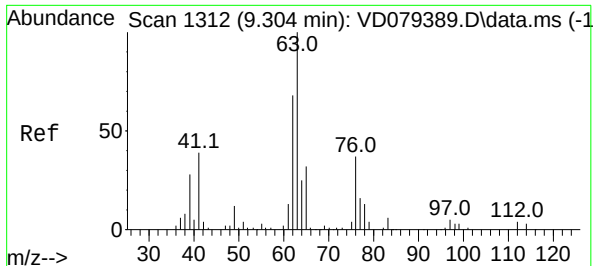
Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Tgt Ion: 130	Resp: 47406
Ion Ratio	Lower Upper
130	100
95	104.1 0.0 177.8

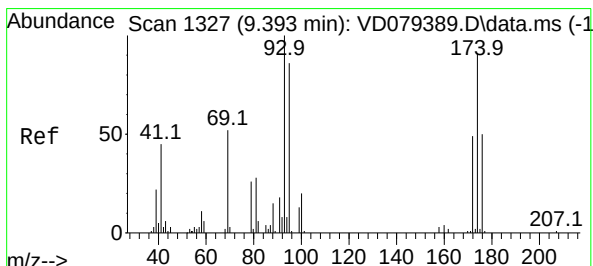
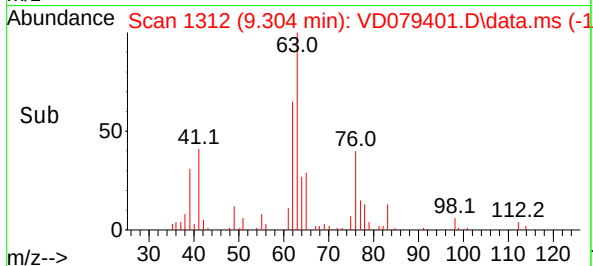
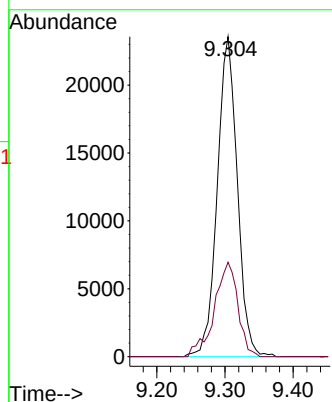
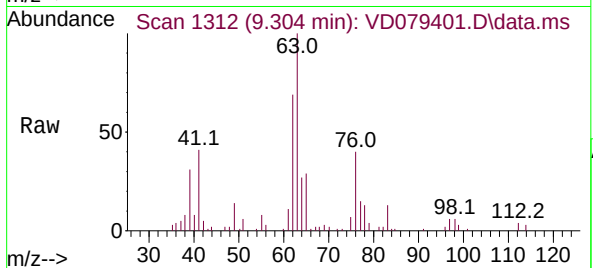




#45
1,2-Dichloropropane
Concen: 19.780 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

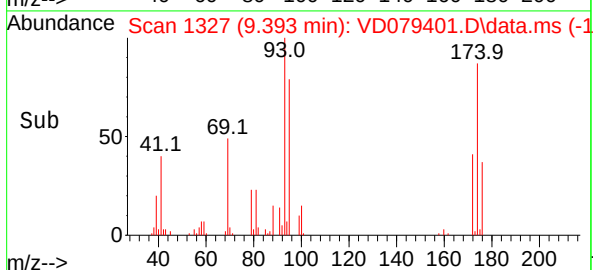
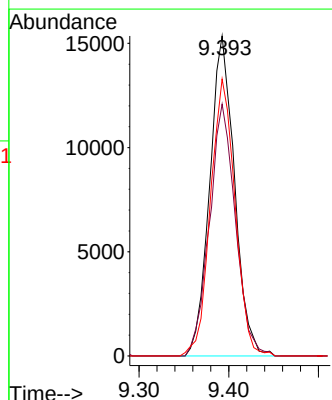
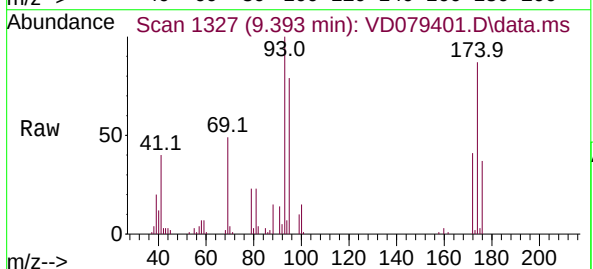
Instrument :
MSVOA_D
ClientSampleId :

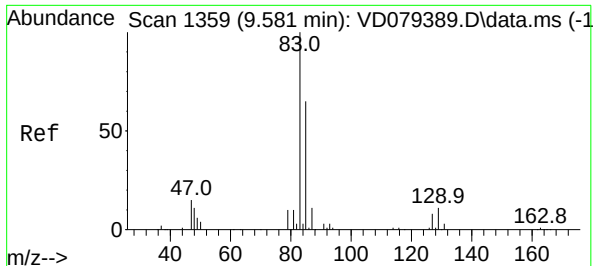
Tgt Ion: 63 Resp: 48266
Ion Ratio Lower Upper
63 100
65 29.5 23.8 35.8



#46
Dibromomethane
Concen: 20.560 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 93 Resp: 29473
Ion Ratio Lower Upper
93 100
95 82.3 65.6 98.4
174 86.0 82.3 123.5

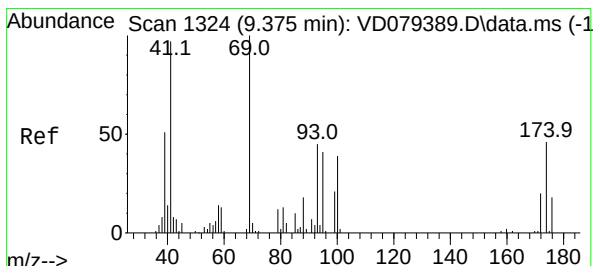
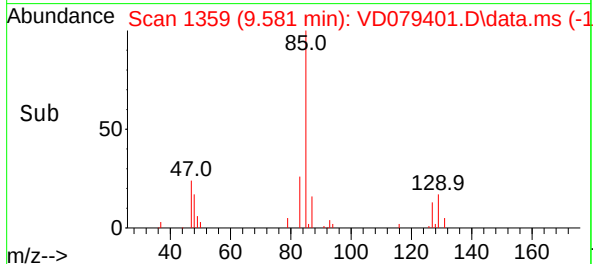
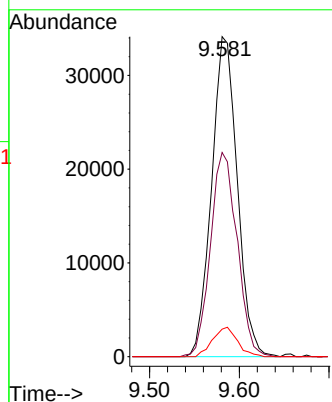
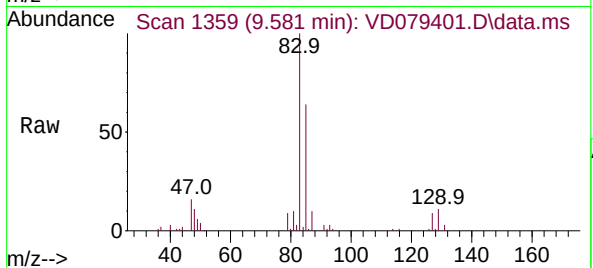




#47
Bromodichloromethane
Concen: 19.491 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

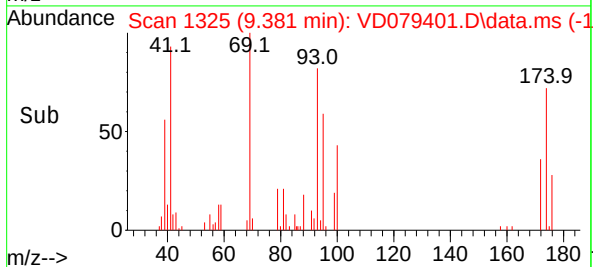
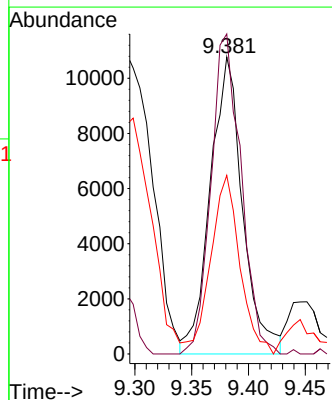
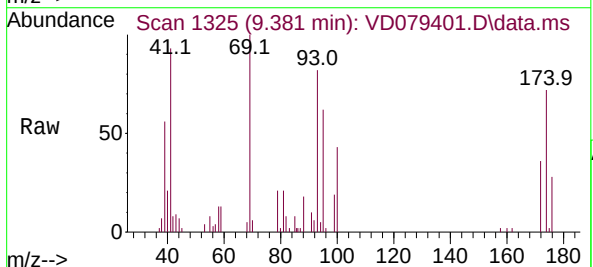
Instrument :
MSVOA_D
ClientSampleId :

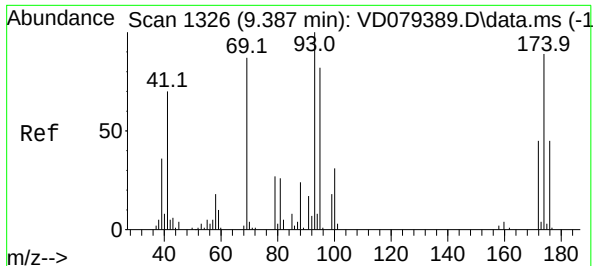
Tgt Ion: 83 Resp: 67933
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 20.299 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 41 Resp: 21334
Ion Ratio Lower Upper
41 100
69 100.1 96.7 145.1
39 53.6 43.8 65.6

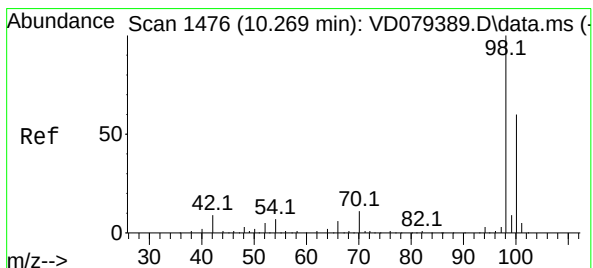
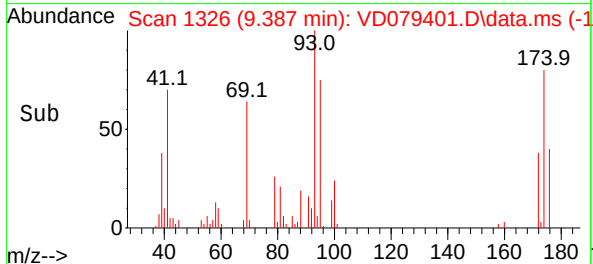
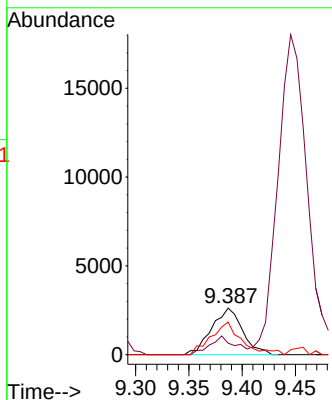
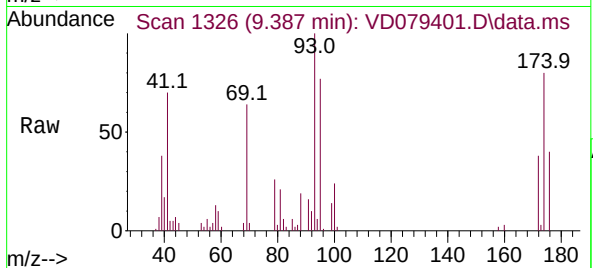




#49
1,4-Dioxane
Concen: 396.412 ug/l
RT: 9.387 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

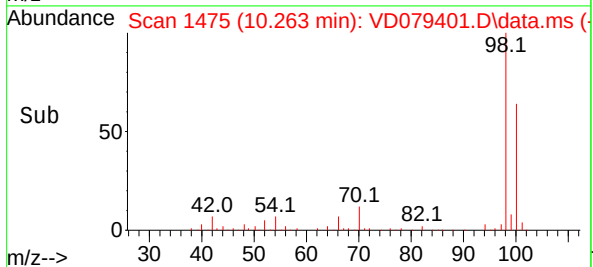
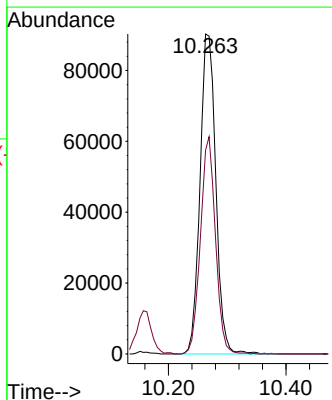
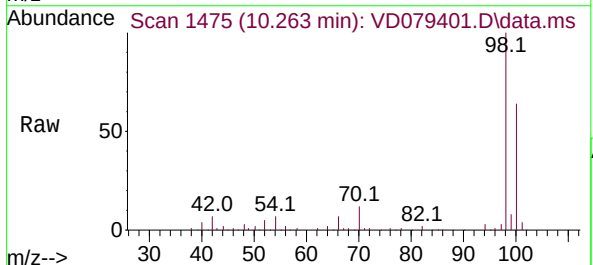
Instrument :
MSVOA_D
ClientSampleId :

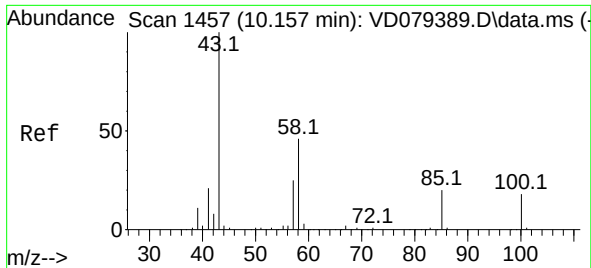
Tgt Ion: 88 Resp: 5286
Ion Ratio Lower Upper
88 100
43 32.6 21.5 32.3#
58 69.1 42.2 63.4#



#50
Toluene-d8
Concen: 20.709 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 98 Resp: 168270
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

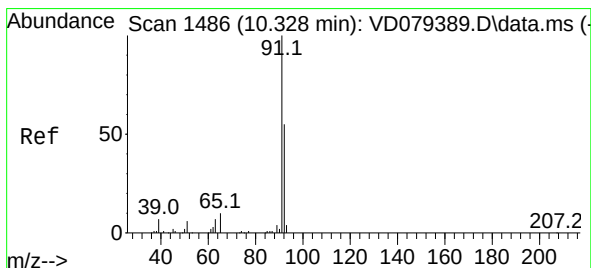
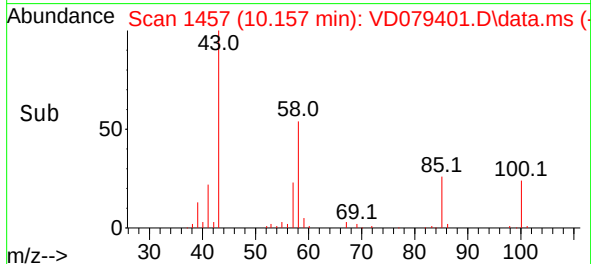
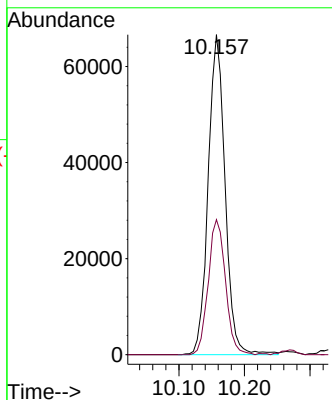
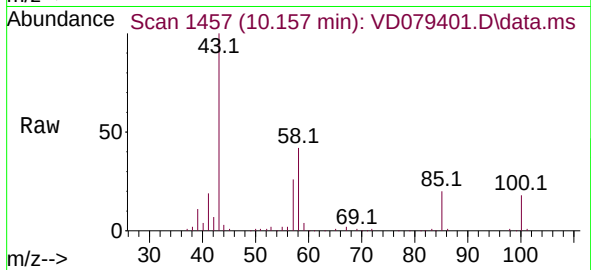




#51
4-Methyl-2-Pentanone
Concen: 98.585 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

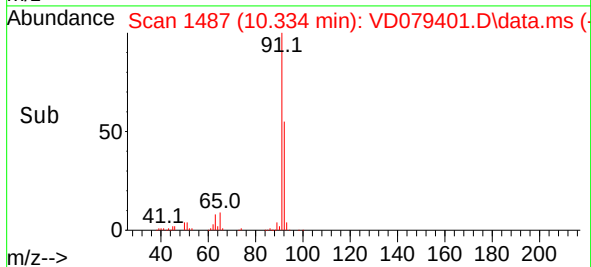
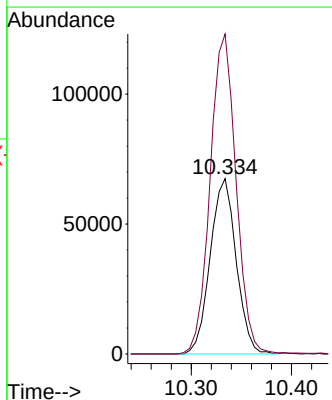
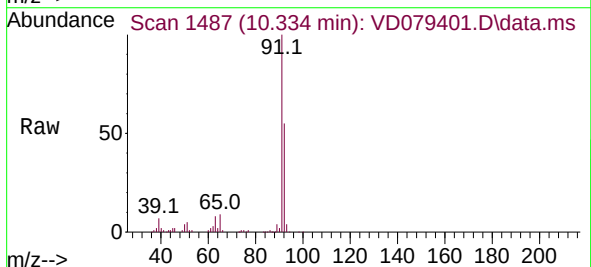
Instrument :
MSVOA_D
ClientSampleId :

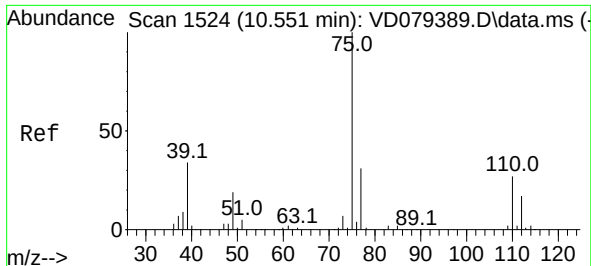
Tgt Ion: 43 Resp: 119178
Ion Ratio Lower Upper
43 100
58 43.1 36.6 55.0



#52
Toluene
Concen: 19.567 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 92 Resp: 121295
Ion Ratio Lower Upper
92 100
91 182.4 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 19.779 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

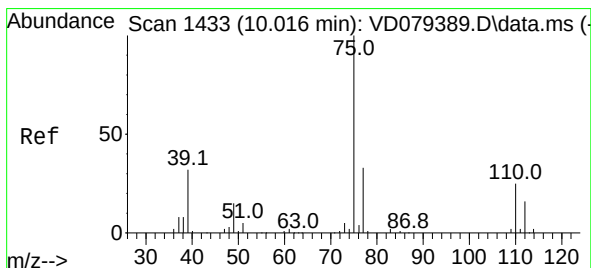
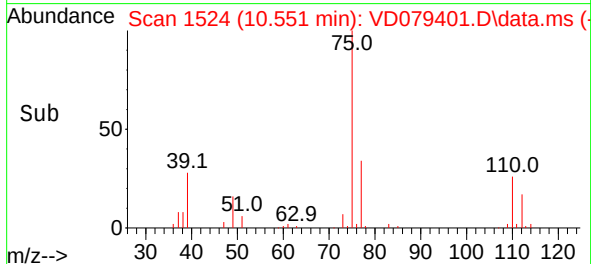
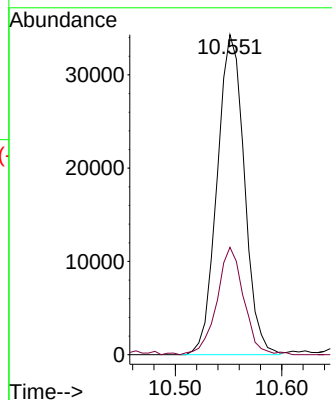
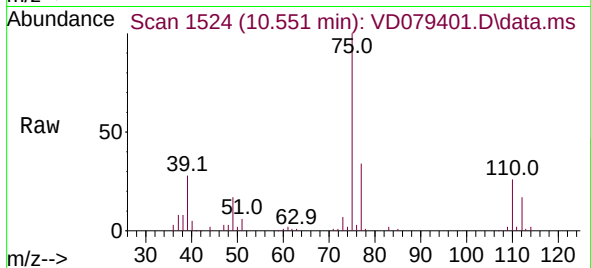
ClientSampleId :

Tgt Ion: 75 Resp: 60857

Ion Ratio Lower Upper

75 100

77 33.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.329 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

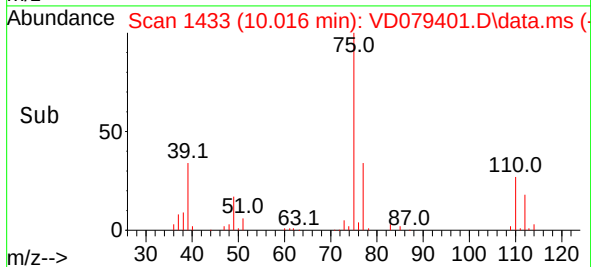
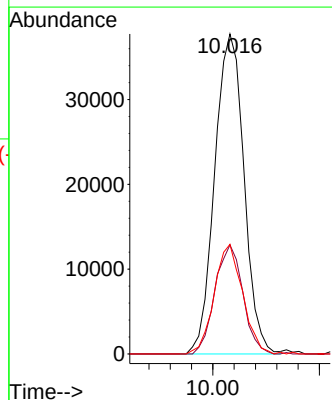
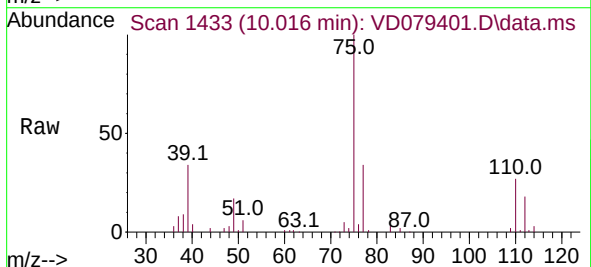
Tgt Ion: 75 Resp: 71929

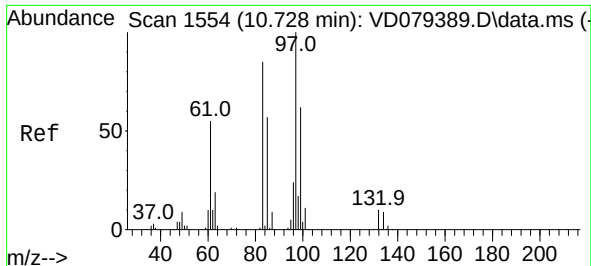
Ion Ratio Lower Upper

75 100

77 34.1 24.4 36.6

39 34.2 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 20.297 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 37871

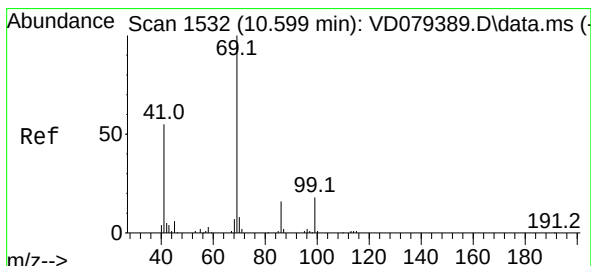
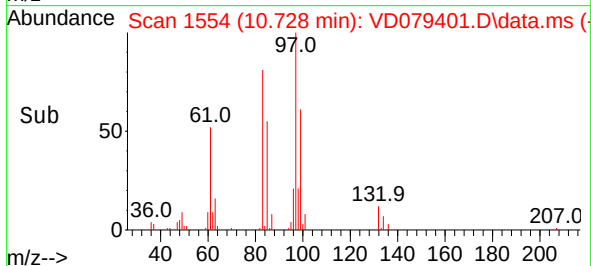
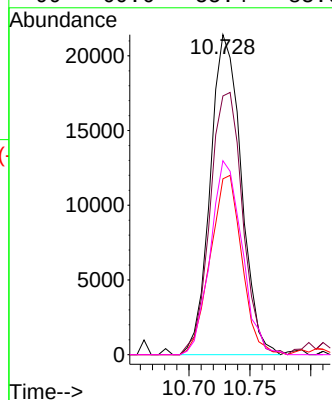
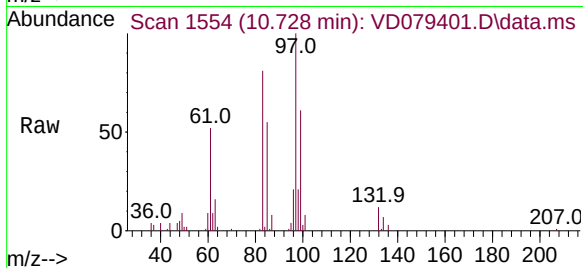
Ion Ratio Lower Upper

97 100

83 80.9 65.8 98.8

85 54.9 43.8 65.8

99 60.6 55.4 83.0



#56

Ethyl methacrylate

Concen: 18.818 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

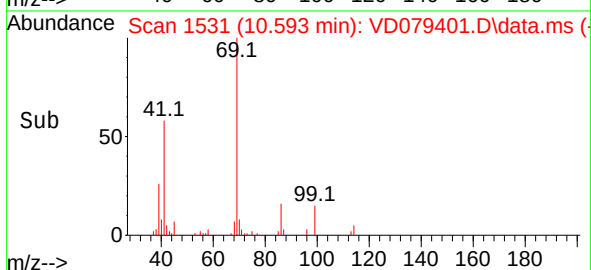
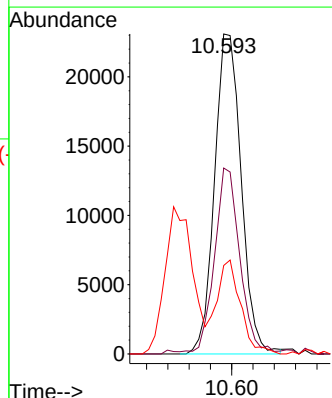
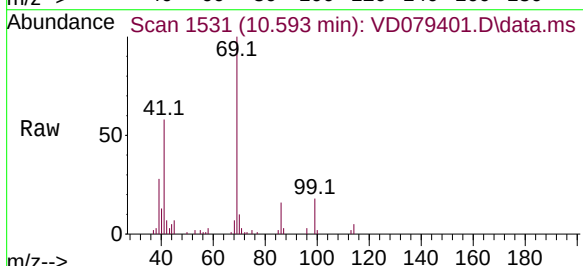
Tgt Ion: 69 Resp: 40123

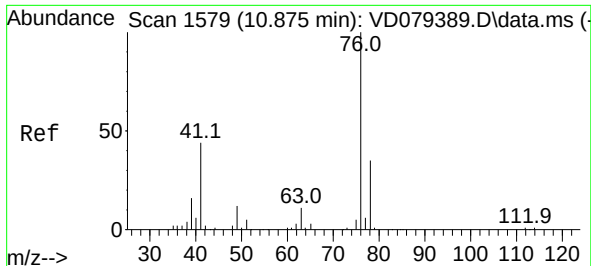
Ion Ratio Lower Upper

69 100

41 53.3 39.8 59.6

39 26.5 20.2 30.4





#57

1,3-Dichloropropane

Concen: 19.533 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

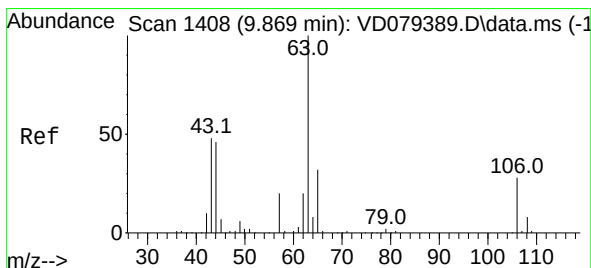
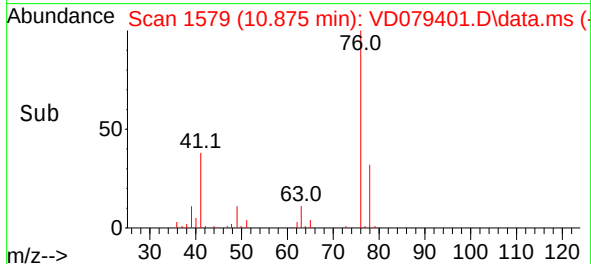
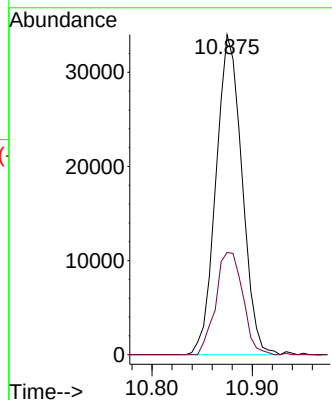
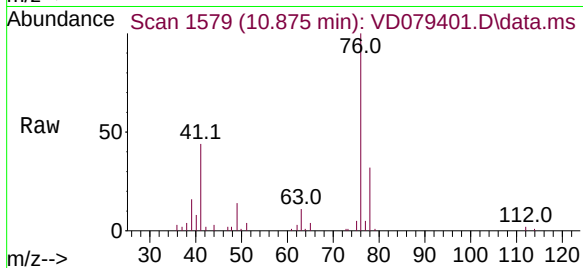
ClientSampleId :

Tgt Ion: 76 Resp: 61096

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.498 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079401.D

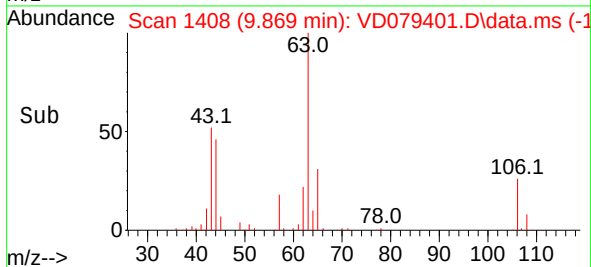
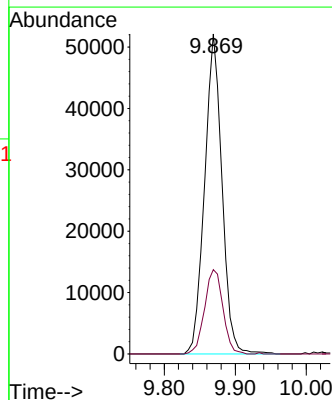
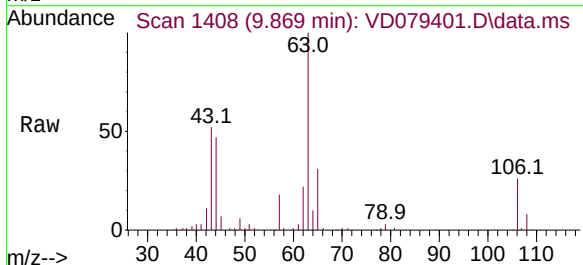
Acq: 25 Jul 2024 11:40

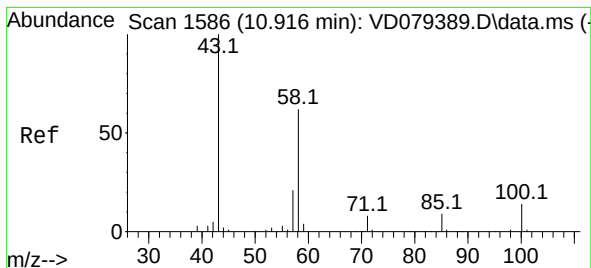
Tgt Ion: 63 Resp: 88717

Ion Ratio Lower Upper

63 100

106 27.8 26.4 39.6





#59

2-Hexanone

Concen: 99.786 ug/l

RT: 10.916 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

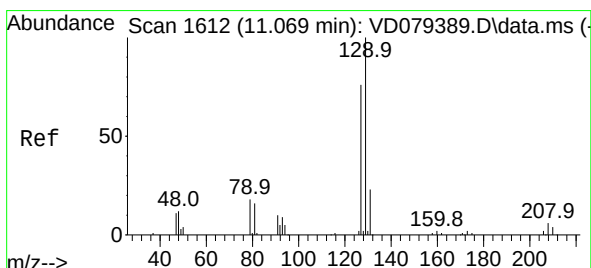
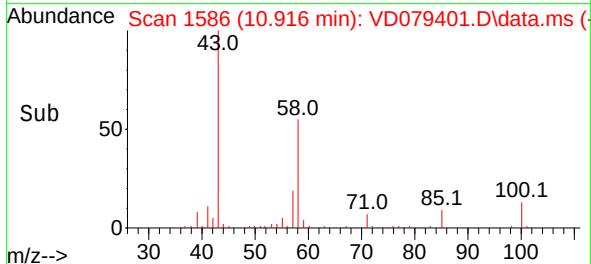
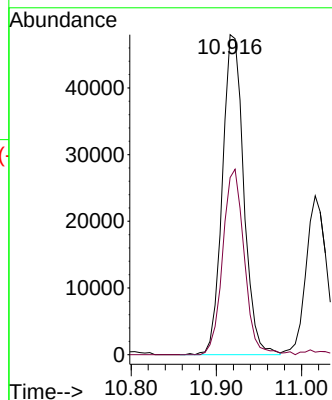
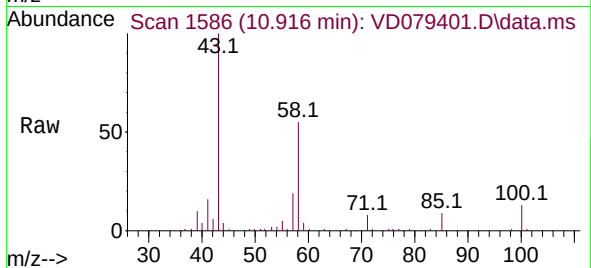
ClientSampleId :

Tgt Ion: 43 Resp: 83587

Ion Ratio Lower Upper

43 100

58 58.5 31.1 93.5



#60

Dibromochloromethane

Concen: 20.220 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VD079401.D

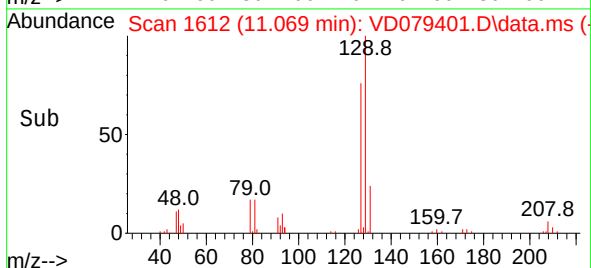
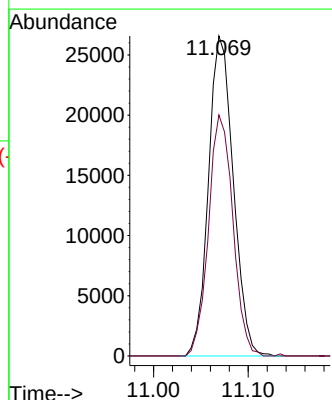
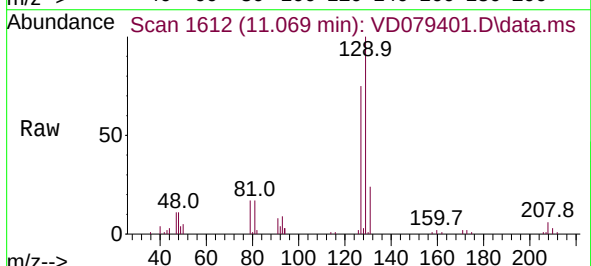
Acq: 25 Jul 2024 11:40

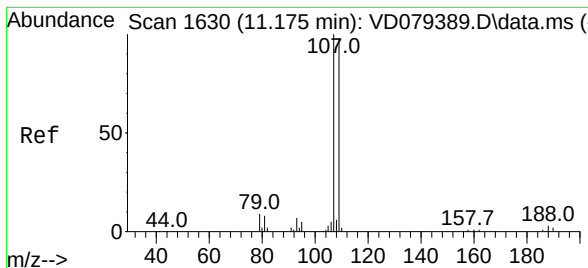
Tgt Ion: 129 Resp: 48470

Ion Ratio Lower Upper

129 100

127 73.9 38.0 113.9

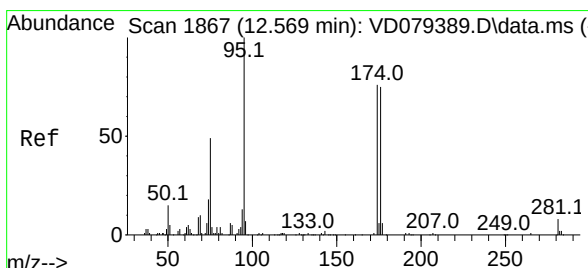
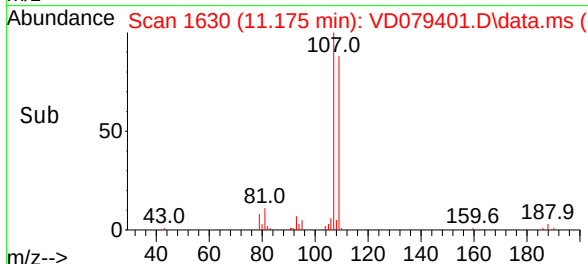
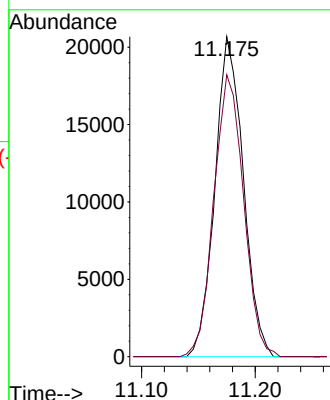
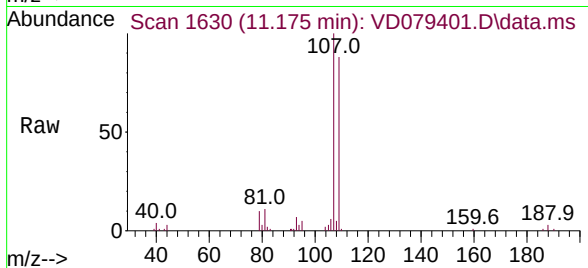




#61
1,2-Dibromoethane
Concen: 19.970 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

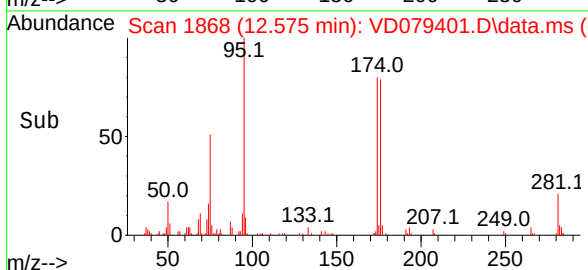
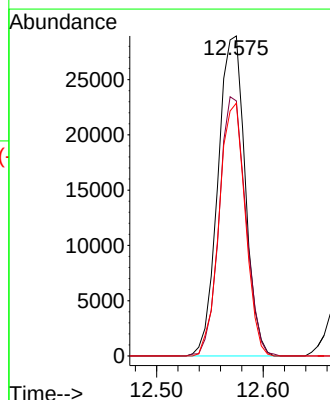
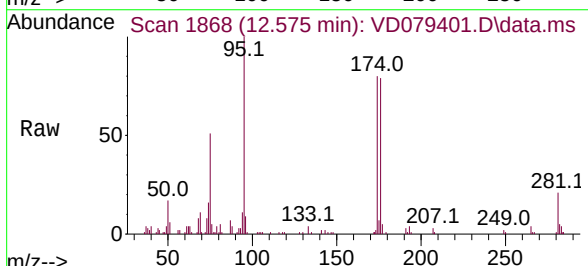
Instrument :
MSVOA_D
ClientSampleId :

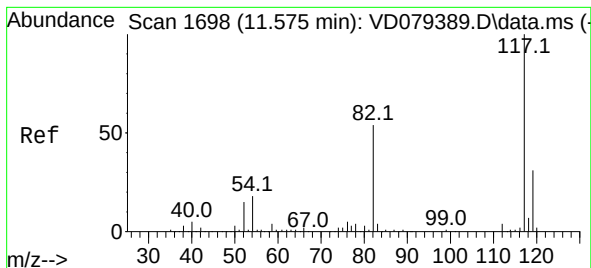
Tgt Ion:107 Resp: 35905
Ion Ratio Lower Upper
107 100
109 92.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 20.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 95 Resp: 51179
Ion Ratio Lower Upper
95 100
174 78.7 0.0 195.4
176 75.7 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: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

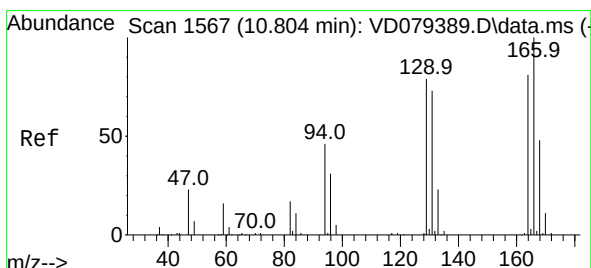
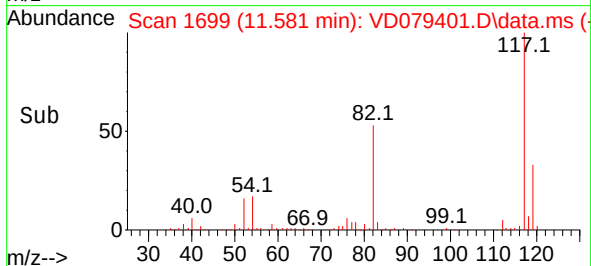
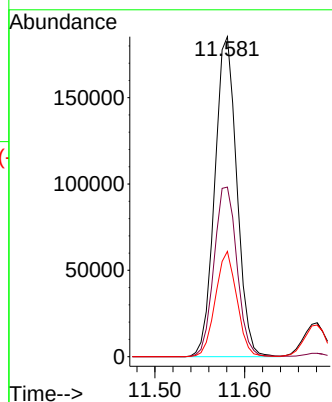
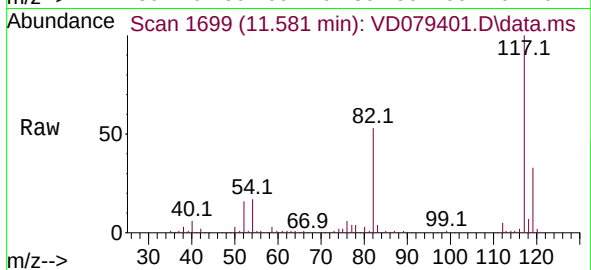
Tgt Ion:117 Resp: 316340

Ion Ratio Lower Upper

117 100

82 53.0 39.8 59.6

119 32.9 25.7 38.5



#64

Tetrachloroethene

Concen: 20.123 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Tgt Ion:164 Resp: 40361

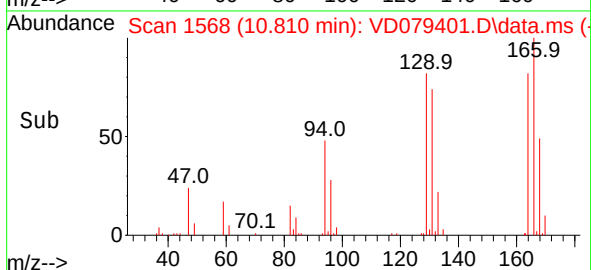
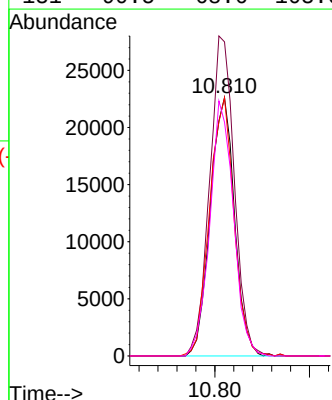
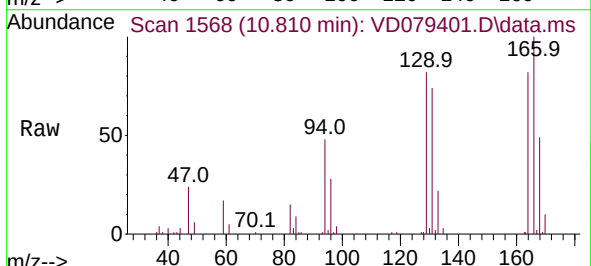
Ion Ratio Lower Upper

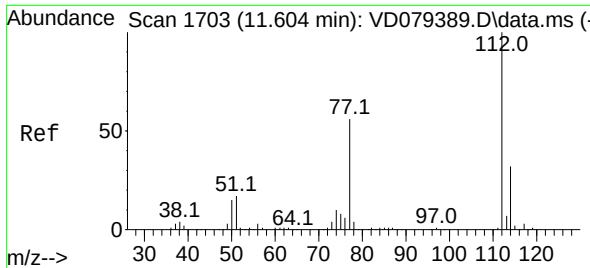
164 100

166 121.5 108.6 163.0

129 99.9 74.6 112.0

131 90.5 68.6 103.0

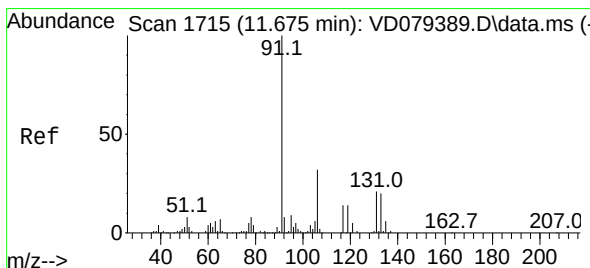
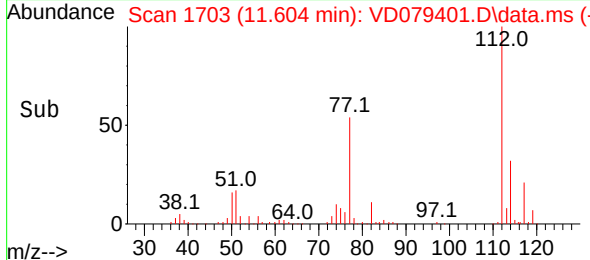
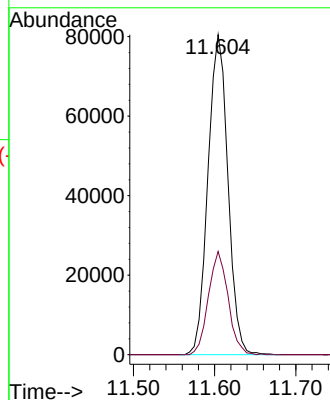
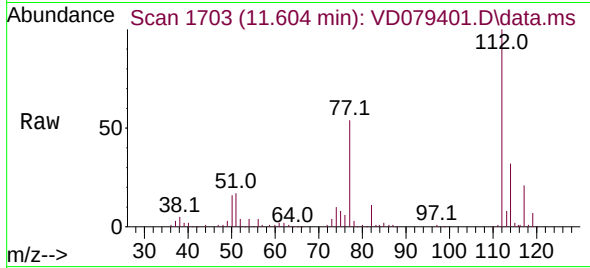




#65
Chlorobenzene
Concen: 19.961 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

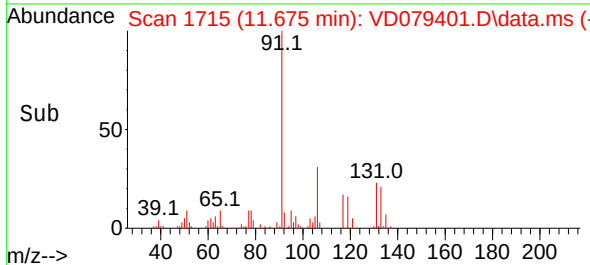
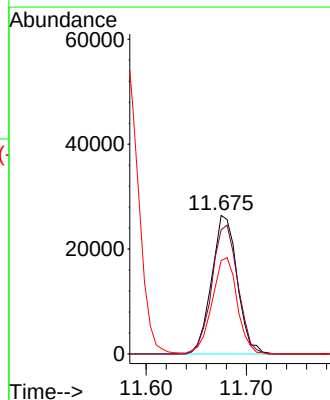
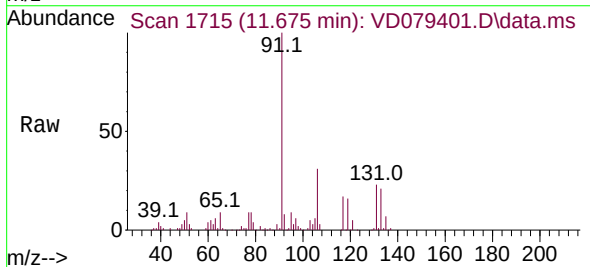
Instrument :
MSVOA_D
ClientSampleId :

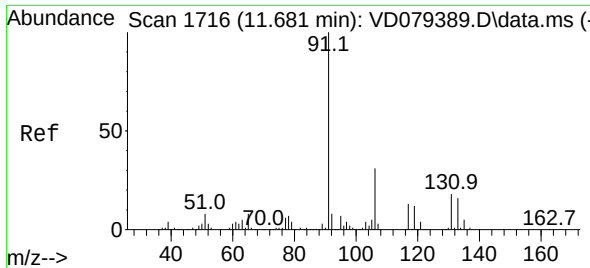
Tgt Ion:112 Resp: 137340
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.608 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:131 Resp: 46805
Ion Ratio Lower Upper
131 100
133 94.2 49.2 147.6
119 68.4 33.4 100.2

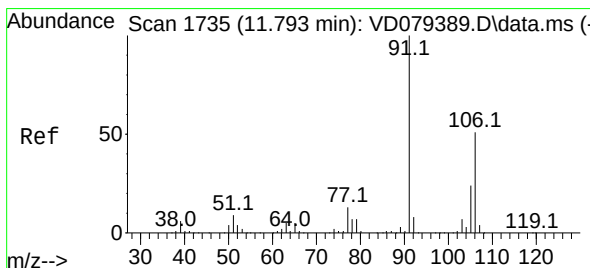
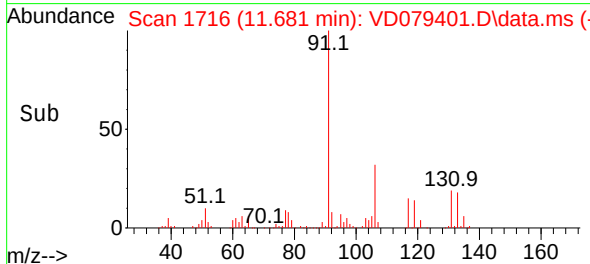
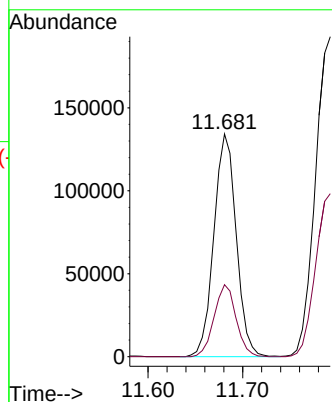
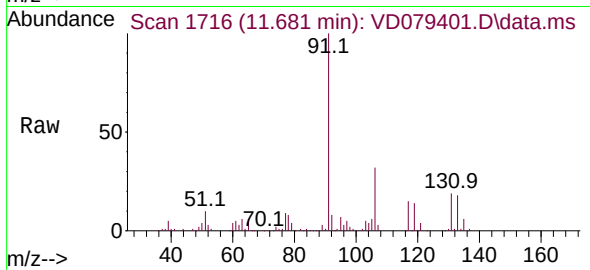




#67
Ethyl Benzene
Concen: 19.280 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

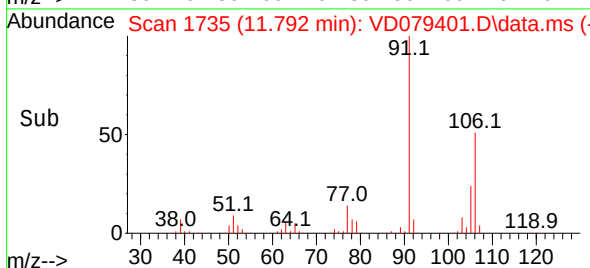
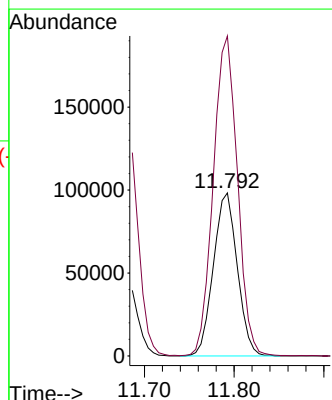
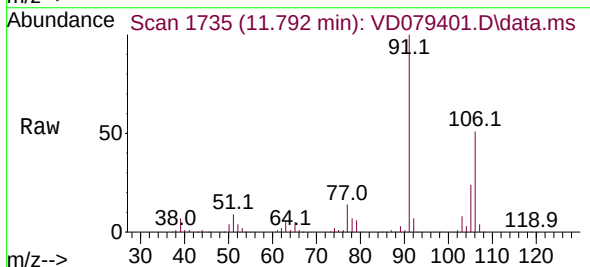
Instrument :
MSVOA_D
ClientSampleId :

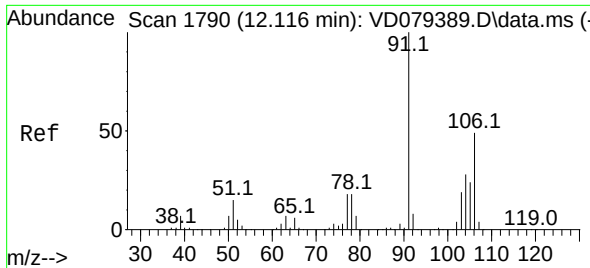
Tgt Ion: 91 Resp: 220364
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 40.225 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:106 Resp: 181596
Ion Ratio Lower Upper
106 100
91 198.2 148.5 222.7

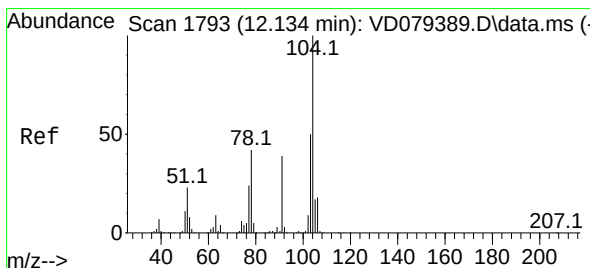
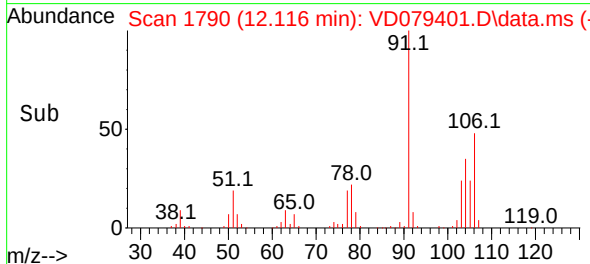
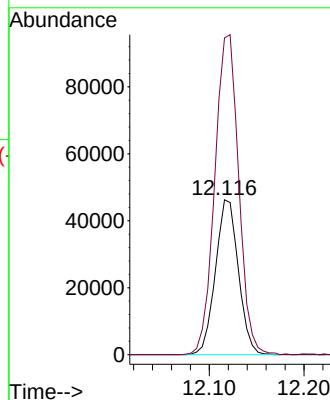
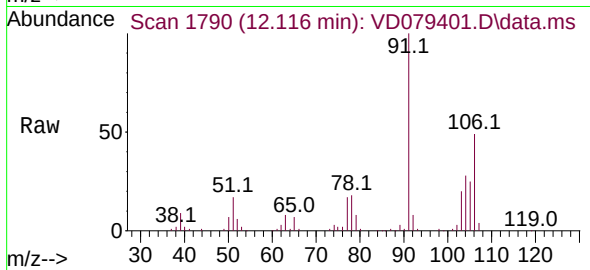




#69
o-Xylene
Concen: 19.217 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

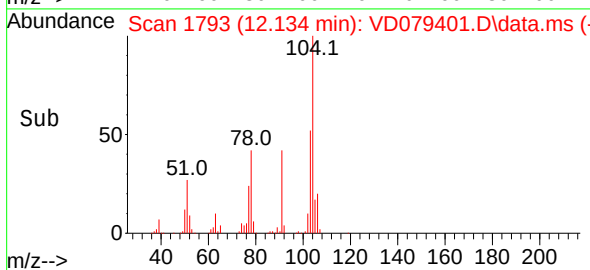
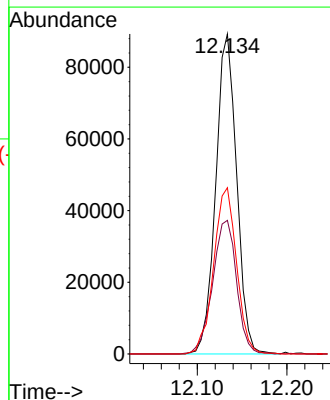
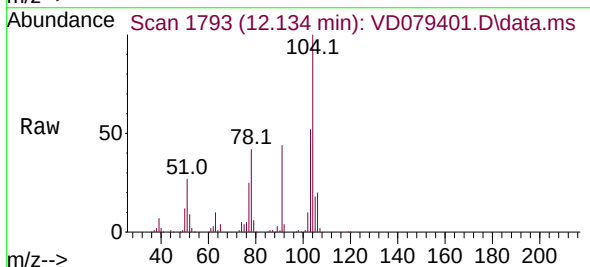
Instrument :
MSVOA_D
ClientSampleId :

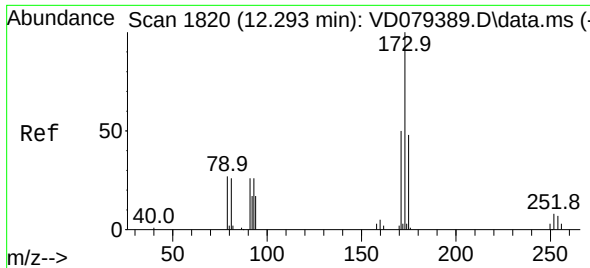
Tgt Ion:106 Resp: 77836
Ion Ratio Lower Upper
106 100
91 216.1 96.7 290.1



#70
Styrene
Concen: 20.147 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:104 Resp: 144689
Ion Ratio Lower Upper
104 100
78 47.7 33.0 49.6
103 56.8 44.2 66.4

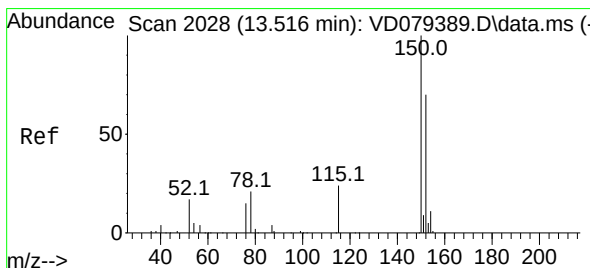
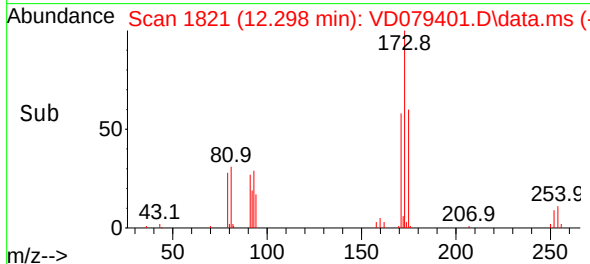
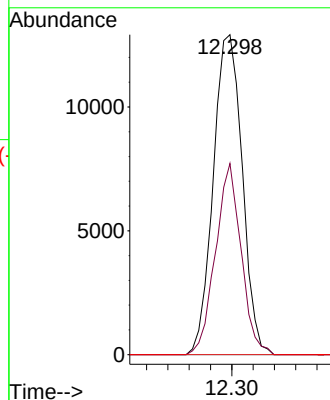
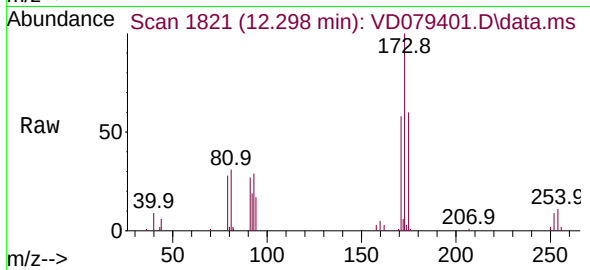




#71
Bromoform
Concen: 18.951 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

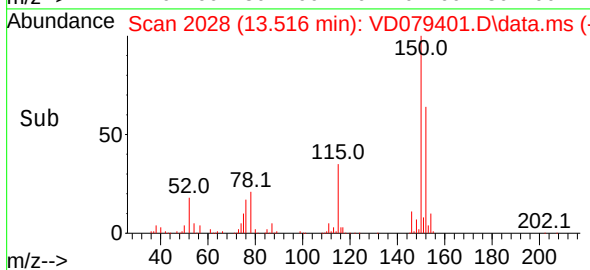
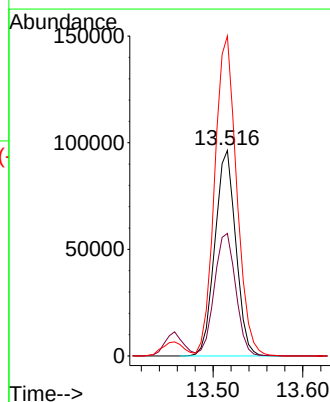
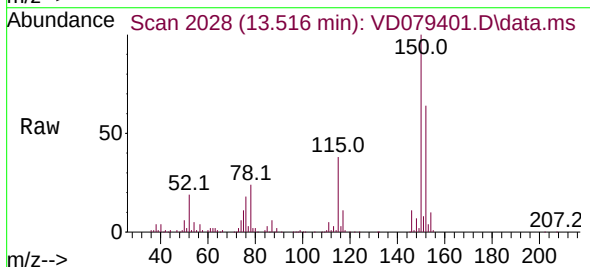
Instrument :
MSVOA_D
ClientSampleId :

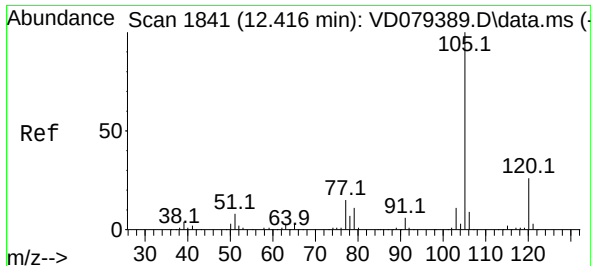
Tgt Ion:173 Resp: 24406
Ion Ratio Lower Upper
173 100
175 52.9 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:152 Resp: 155861
Ion Ratio Lower Upper
152 100
115 61.2 26.5 79.5
150 163.6 0.0 341.6

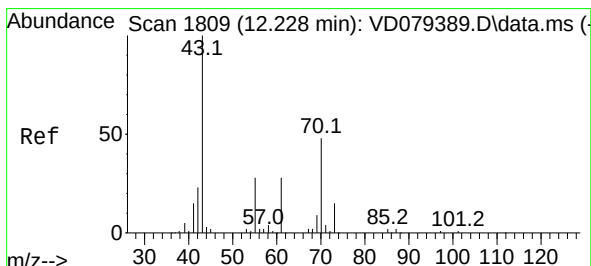
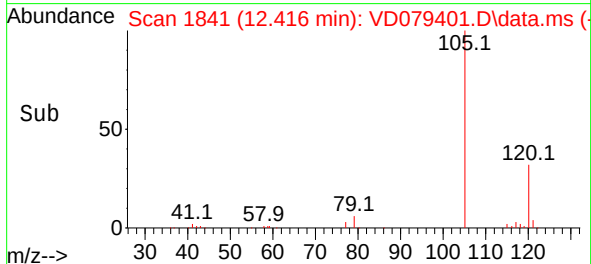
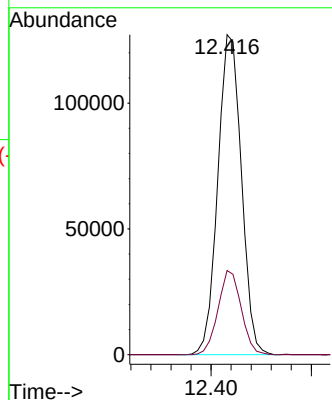
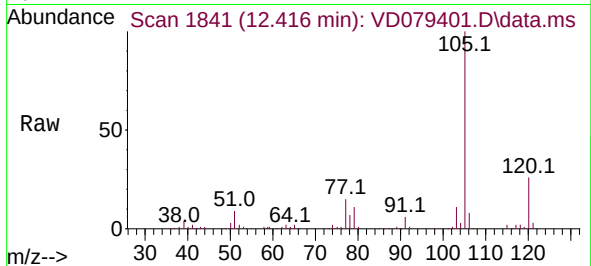




#73
Isopropylbenzene
Concen: 19.430 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

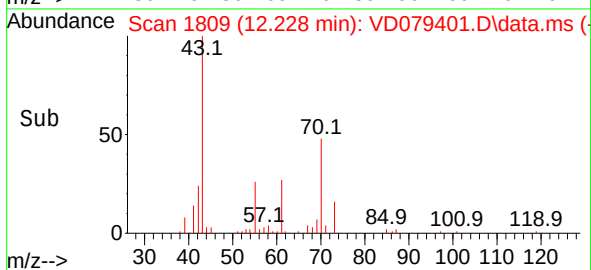
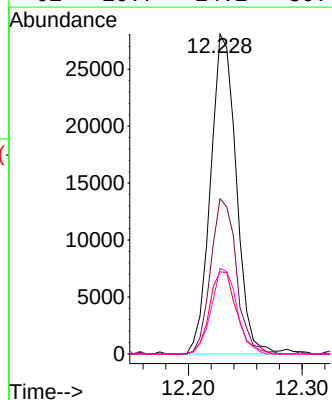
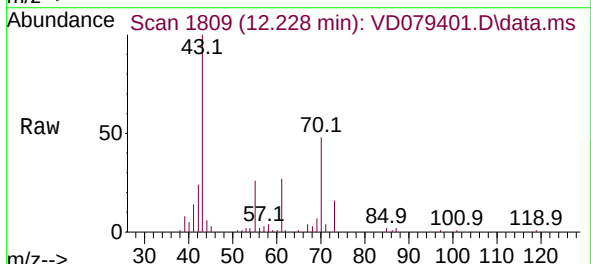
Instrument :
MSVOA_D
ClientSampleId :

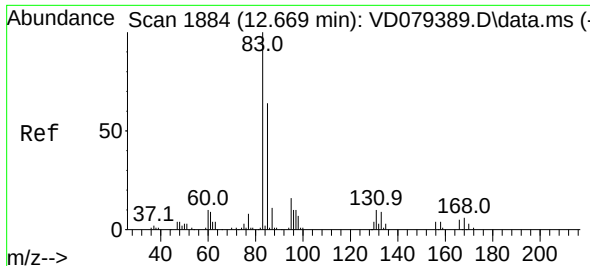
Tgt Ion:105 Resp: 207453
Ion Ratio Lower Upper
105 100
120 25.8 13.6 40.7



#74
N-ethyl acetate
Concen: 20.193 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 43 Resp: 44118
Ion Ratio Lower Upper
43 100
70 48.7 44.3 66.5
55 27.1 23.2 34.8
61 26.7 24.2 36.4

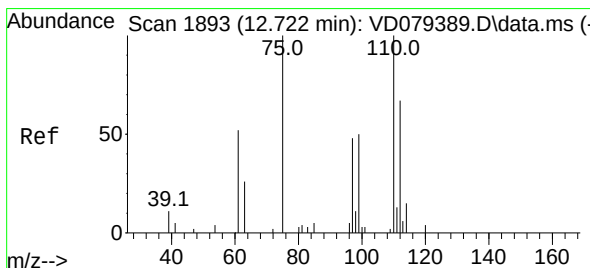
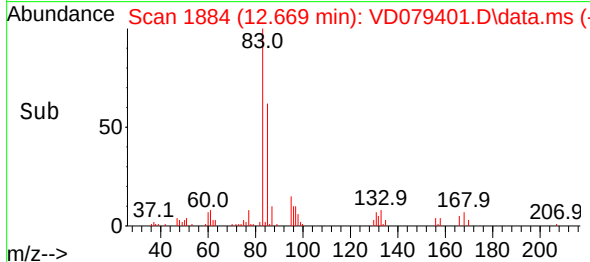
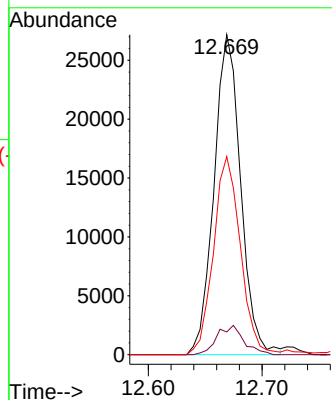
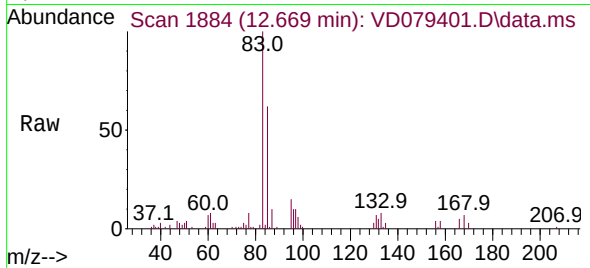




#75
1,1,2,2-Tetrachloroethane
Concen: 20.152 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

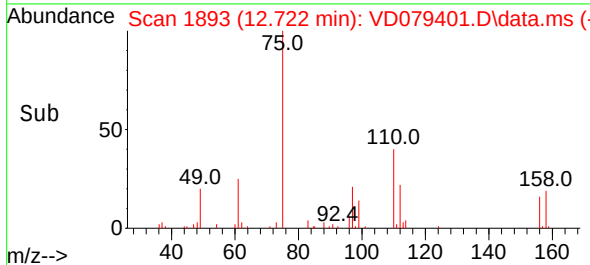
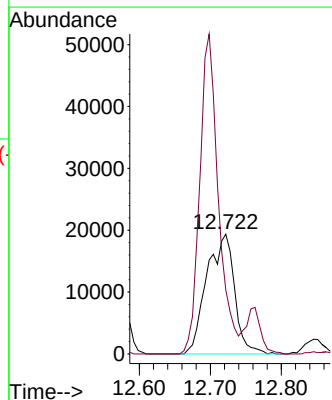
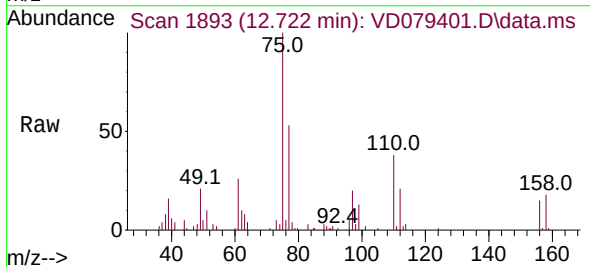
Instrument :
MSVOA_D
ClientSampleId :

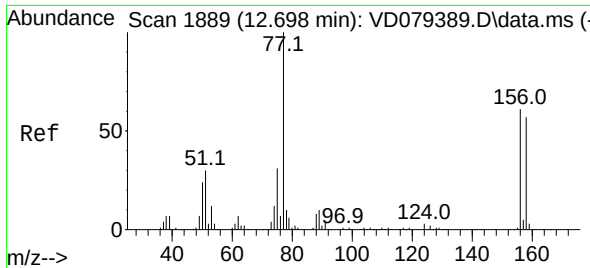
Tgt Ion: 83 Resp: 44380
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.5
85 62.3 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 28.044 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 75 Resp: 52724
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

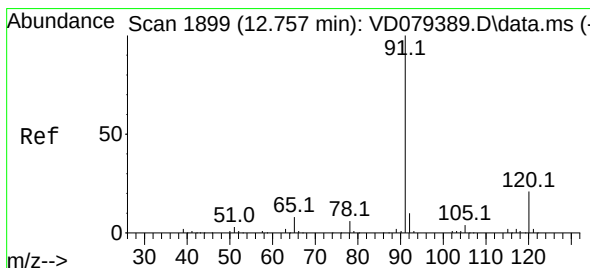
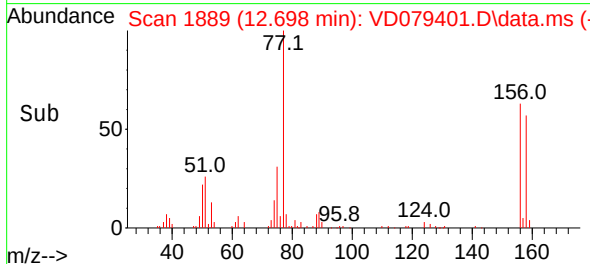
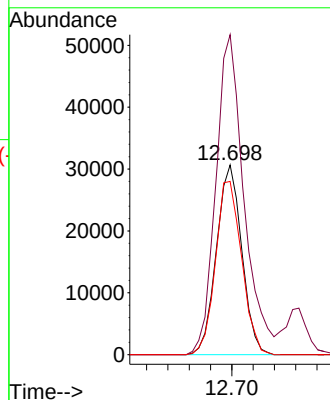
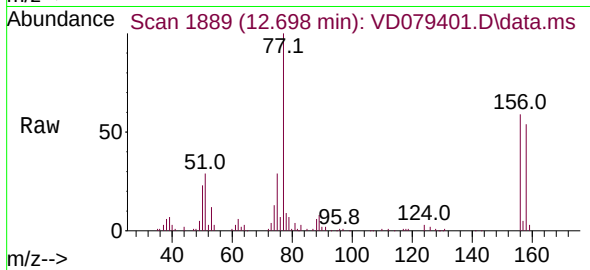




#77
Bromobenzene
Concen: 20.196 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

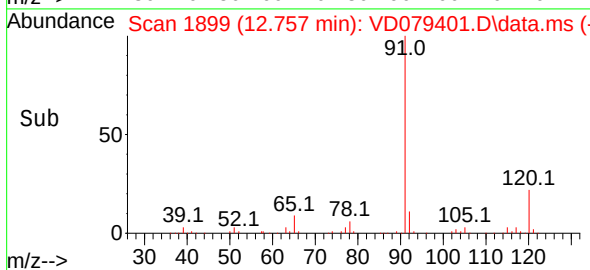
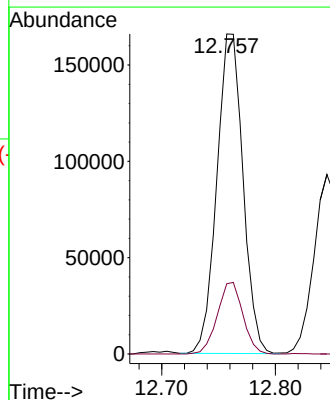
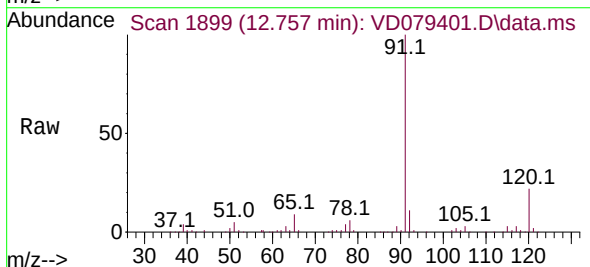
Instrument :
MSVOA_D
ClientSampleId :

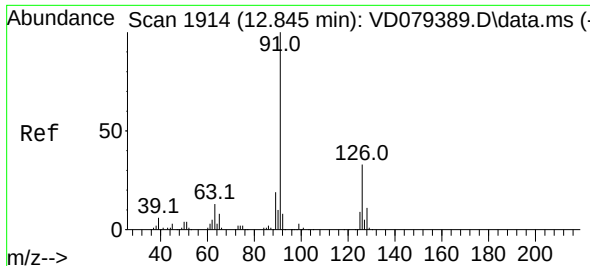
Tgt Ion:156 Resp: 50639
Ion Ratio Lower Upper
156 100
77 186.7 77.3 231.9
158 94.3 49.6 149.0



#78
n-propylbenzene
Concen: 19.836 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 91 Resp: 265740
Ion Ratio Lower Upper
91 100
120 21.8 12.3 36.8





#79

2-Chlorotoluene

Concen: 19.911 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

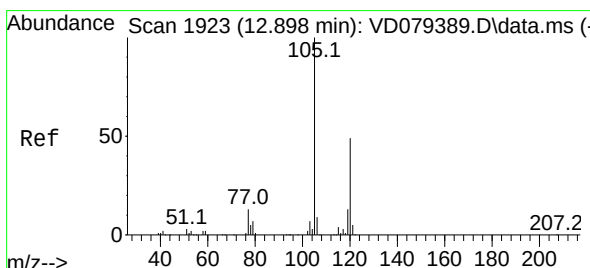
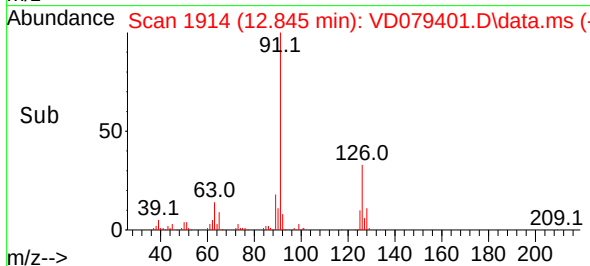
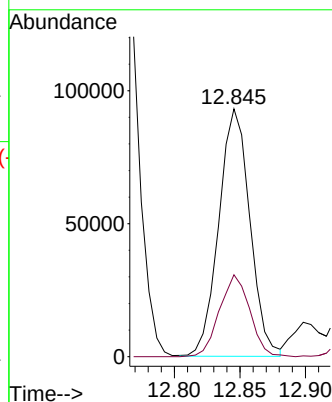
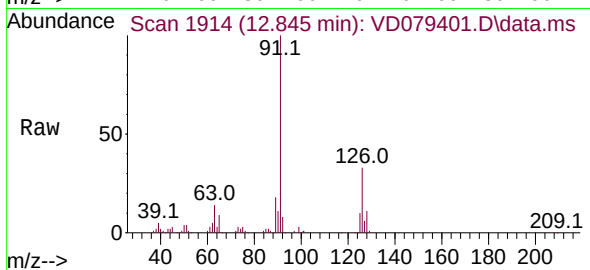
ClientSampleId :

Tgt Ion: 91 Resp: 153501

Ion Ratio Lower Upper

91 100

126 32.2 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 20.147 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD079401.D

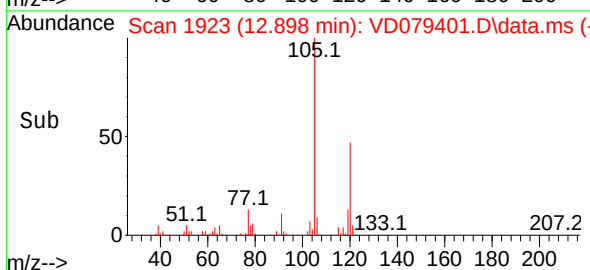
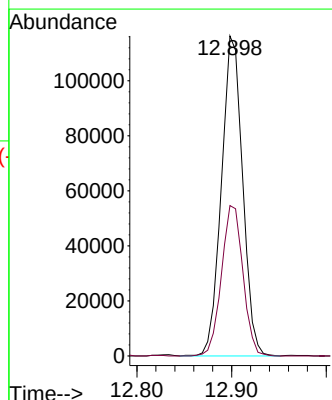
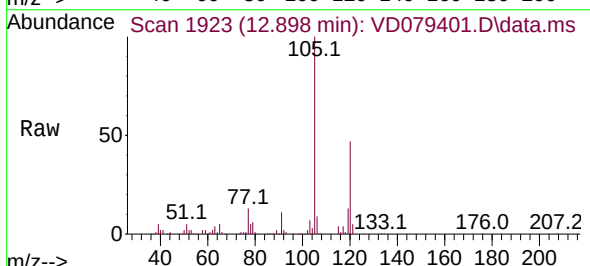
Acq: 25 Jul 2024 11:40

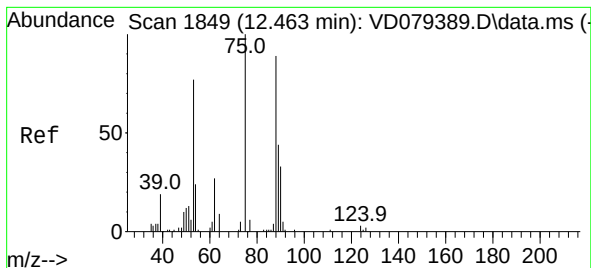
Tgt Ion:105 Resp: 180827

Ion Ratio Lower Upper

105 100

120 47.6 25.7 77.1

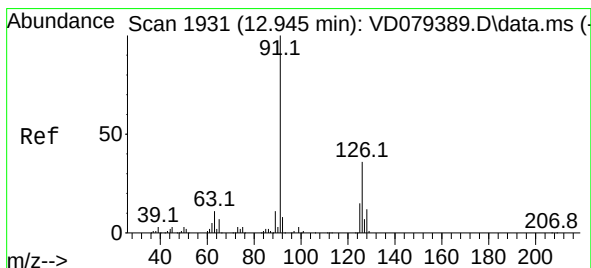
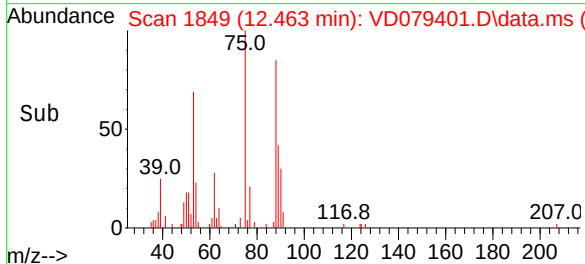
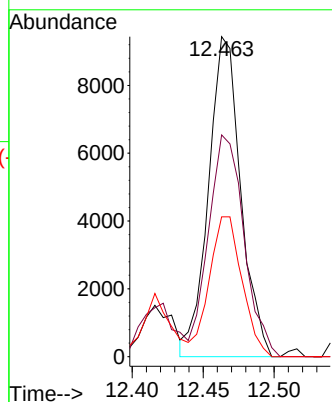
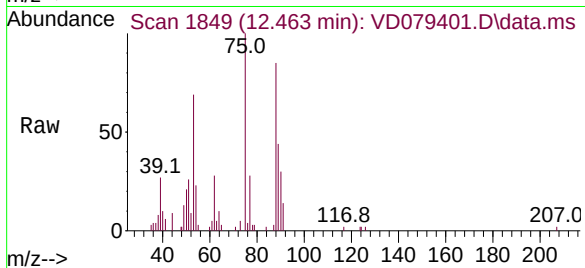




#81
trans-1,4-Dichloro-2-butene
Concen: 20.556 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

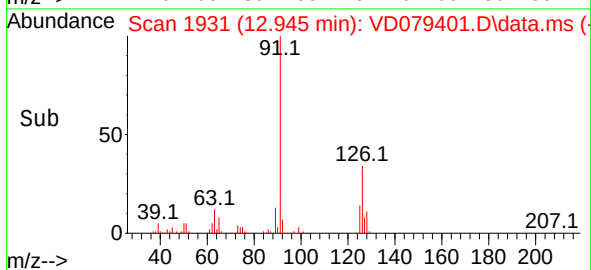
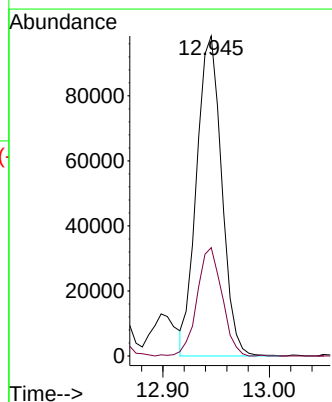
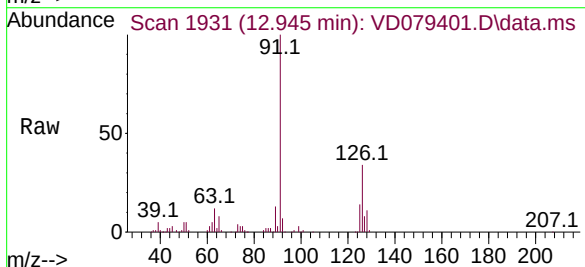
Instrument :
MSVOA_D
ClientSampleId :

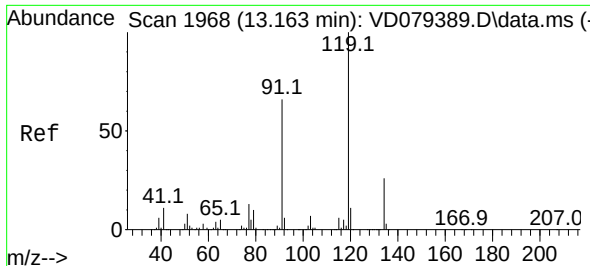
Tgt Ion: 75 Resp: 14889
Ion Ratio Lower Upper
75 100
53 76.2 61.4 92.2
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.172 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion: 91 Resp: 161102
Ion Ratio Lower Upper
91 100
126 33.7 18.9 56.9

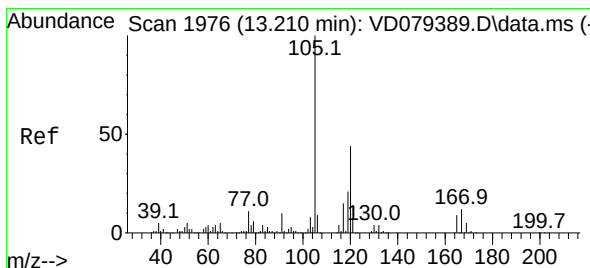
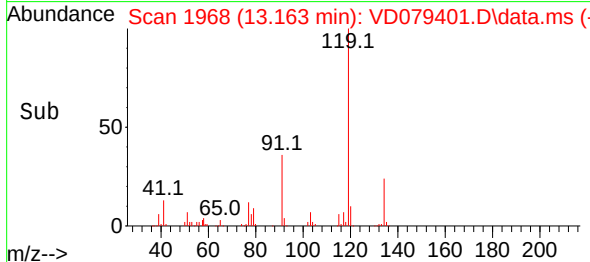
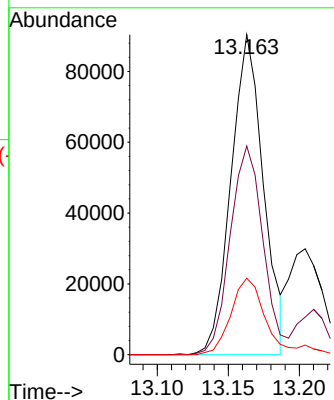
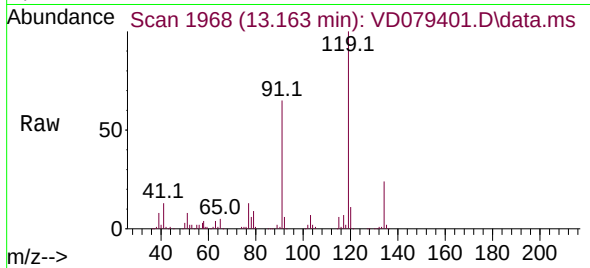




#83
tert-Butylbenzene
Concen: 19.141 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

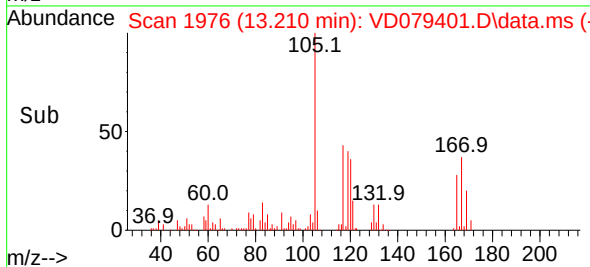
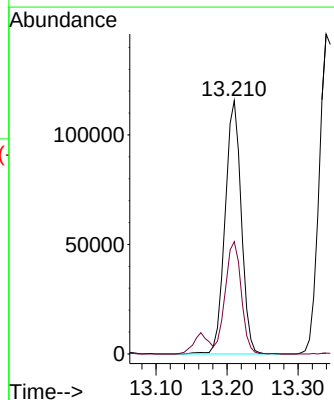
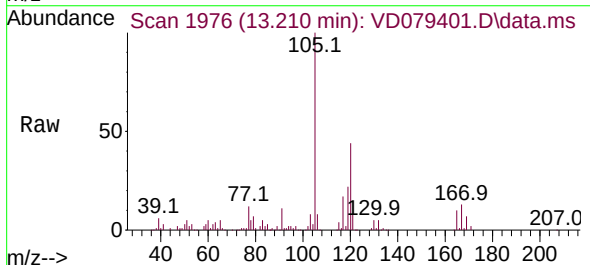
Instrument :
MSVOA_D
ClientSampleId :

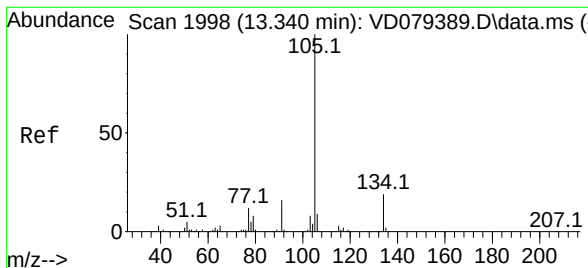
Tgt Ion:119 Resp: 143756
Ion Ratio Lower Upper
119 100
91 66.4 28.2 84.7
134 26.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.143 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079401.D
Acq: 25 Jul 2024 11:40

Tgt Ion:105 Resp: 182447
Ion Ratio Lower Upper
105 100
120 44.0 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.850 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

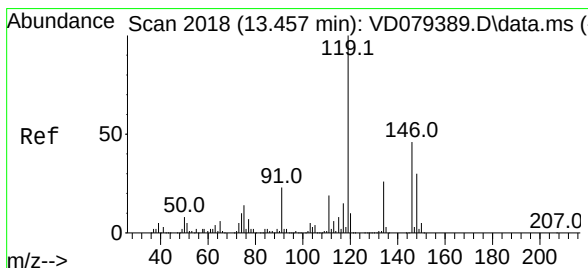
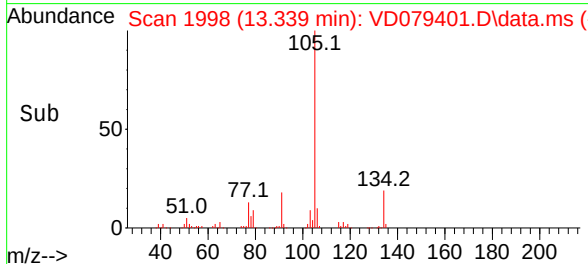
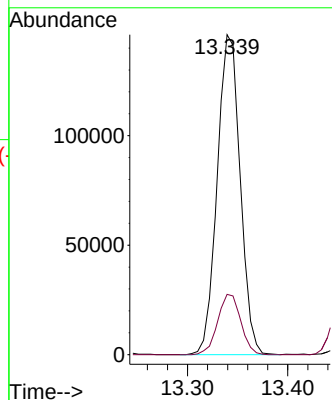
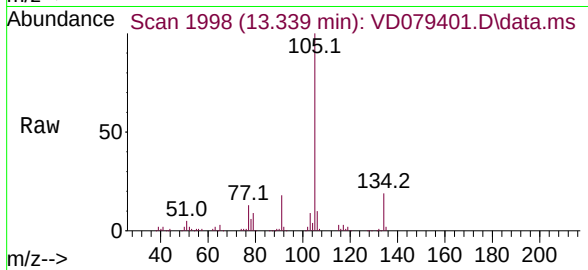
ClientSampleId :

Tgt Ion:105 Resp: 232439

Ion Ratio Lower Upper

105 100

134 18.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.873 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

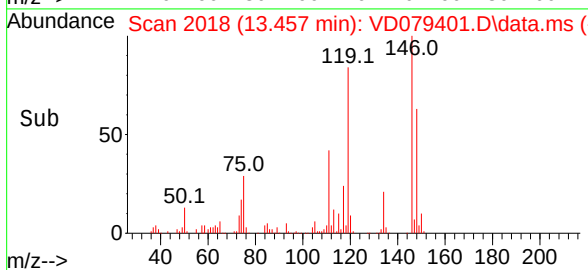
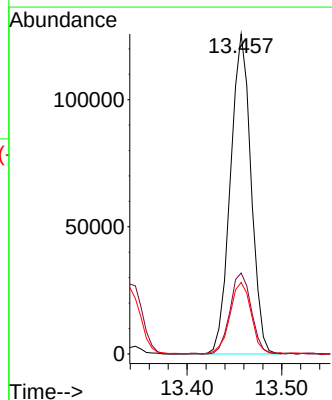
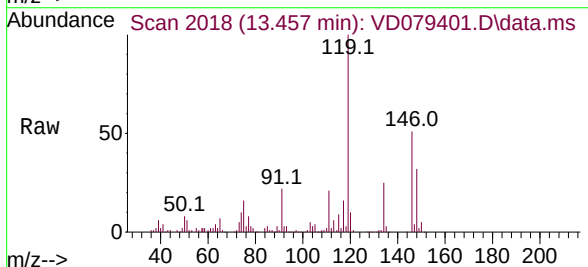
Tgt Ion:119 Resp: 189531

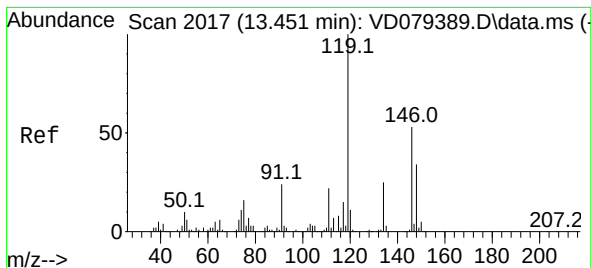
Ion Ratio Lower Upper

119 100

134 26.0 13.7 41.1

91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.940 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

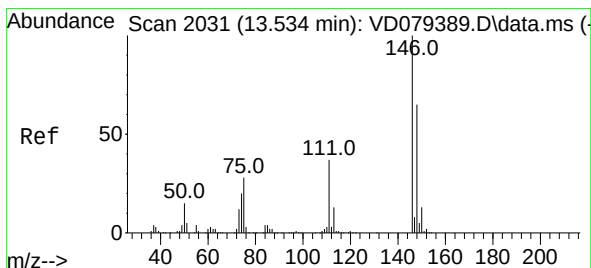
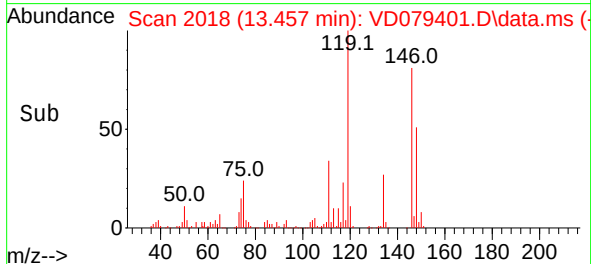
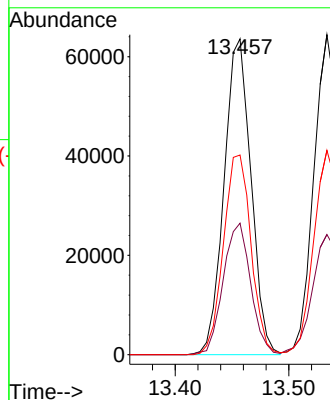
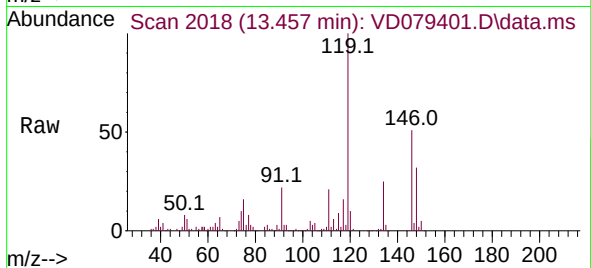
Tgt Ion:146 Resp: 104630

Ion Ratio Lower Upper

146 100

111 42.6 18.5 55.5

148 65.0 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 19.694 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

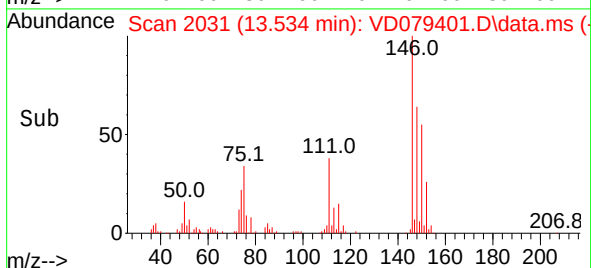
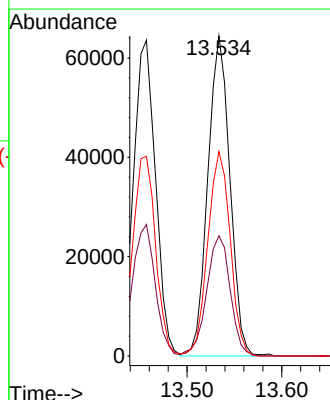
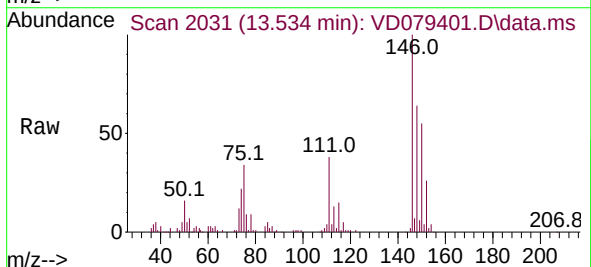
Tgt Ion:146 Resp: 104260

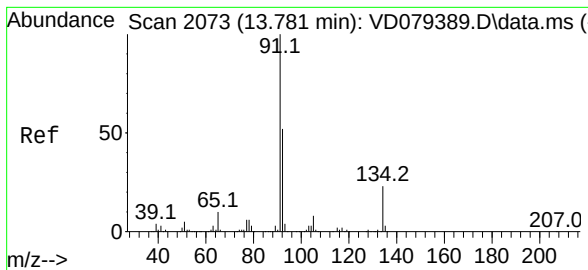
Ion Ratio Lower Upper

146 100

111 40.0 17.5 52.6

148 64.7 31.4 94.2





#89

n-Butylbenzene

Concen: 19.590 ug/l

RT: 13.786 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

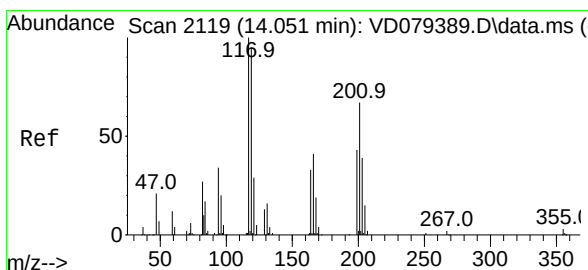
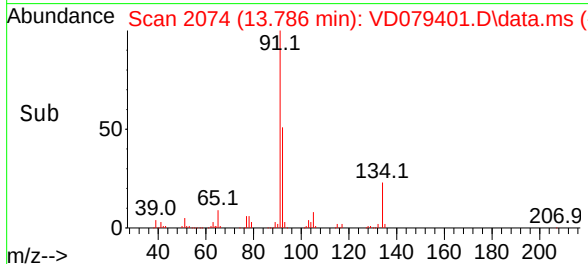
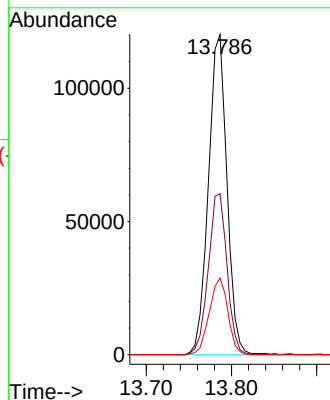
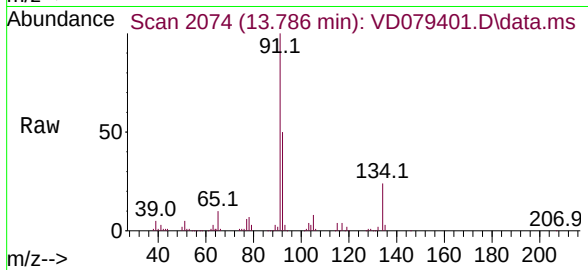
Tgt Ion: 91 Resp: 181314

Ion Ratio Lower Upper

91 100

92 50.8 25.7 77.0

134 24.0 13.6 40.8



#90

Hexachloroethane

Concen: 18.746 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079401.D

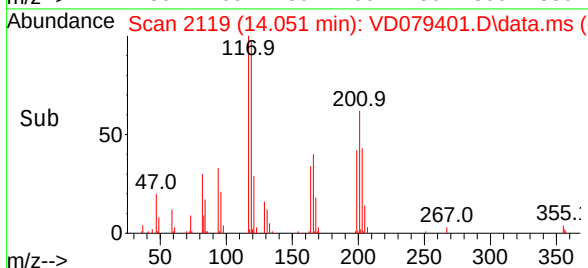
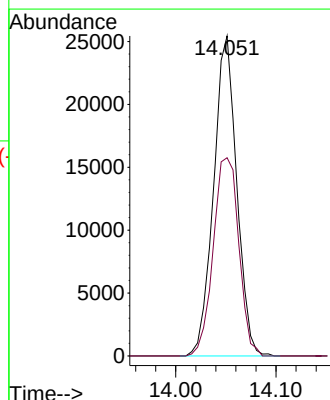
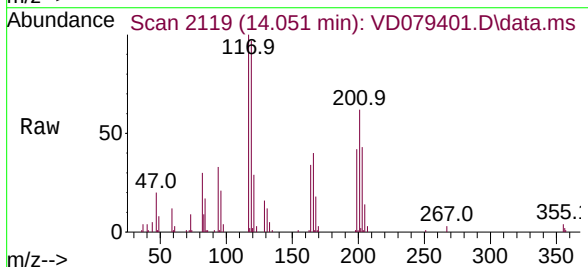
Acq: 25 Jul 2024 11:40

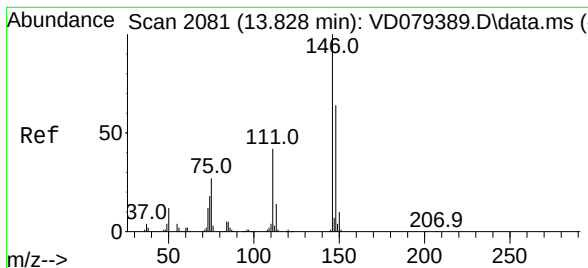
Tgt Ion: 117 Resp: 40730

Ion Ratio Lower Upper

117 100

201 68.5 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 19.929 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

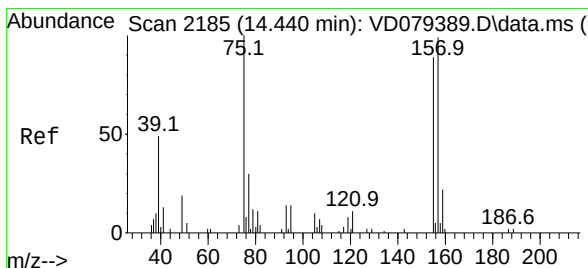
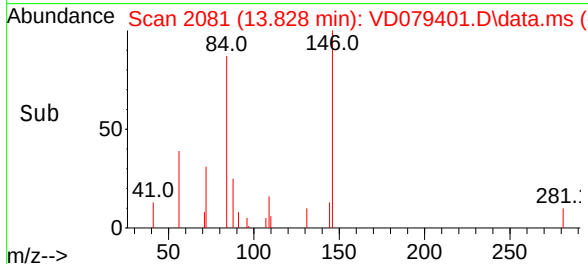
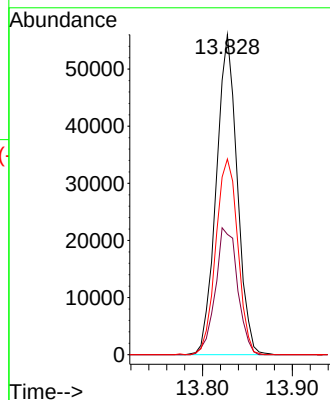
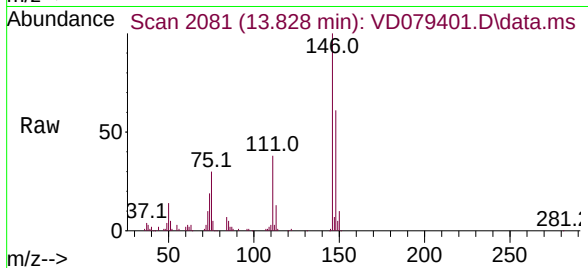
Tgt Ion:146 Resp: 90776

Ion Ratio Lower Upper

146 100

111 41.9 19.1 57.1

148 64.0 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.214 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

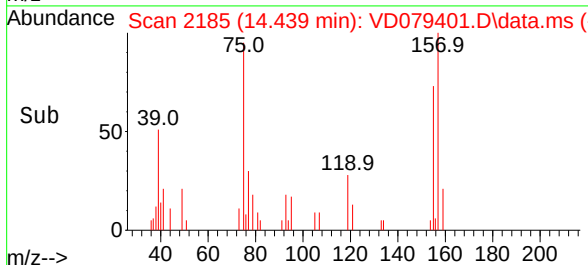
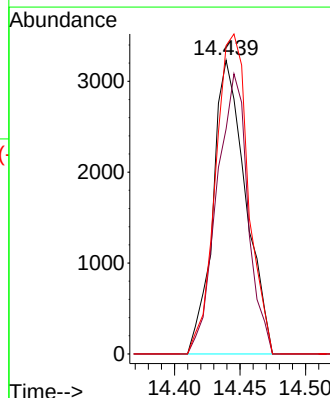
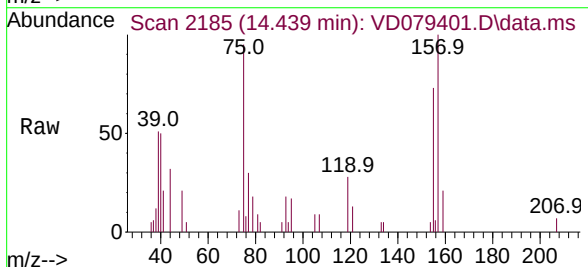
Tgt Ion: 75 Resp: 5602

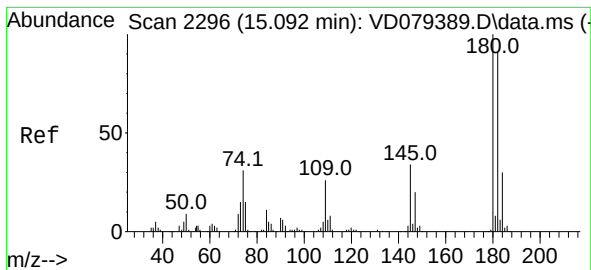
Ion Ratio Lower Upper

75 100

155 90.6 47.7 143.1

157 109.3 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 18.825 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. -0.000 min MSVOA_D

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

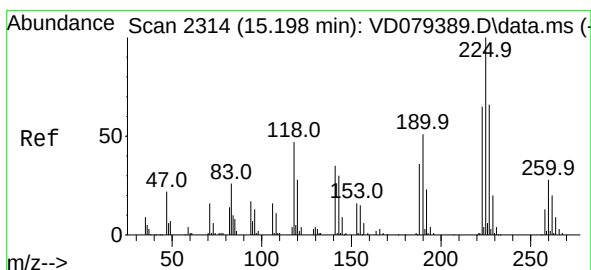
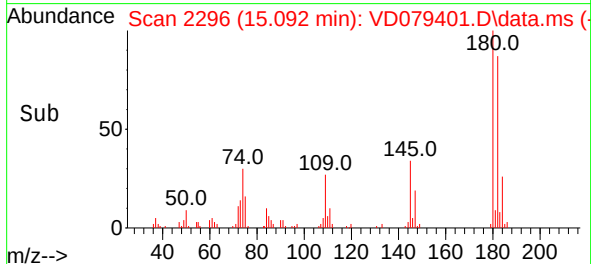
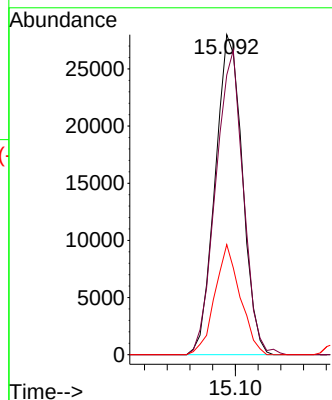
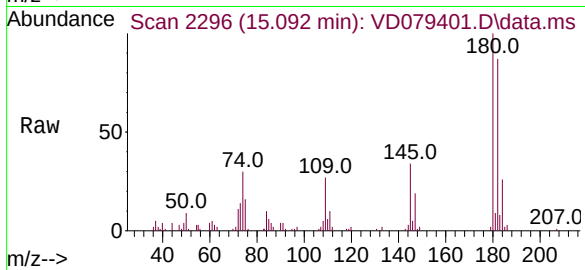
Tgt Ion:180 Resp: 46697

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.7

145 32.1 14.0 41.9



#94

Hexachlorobutadiene

Concen: 20.242 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

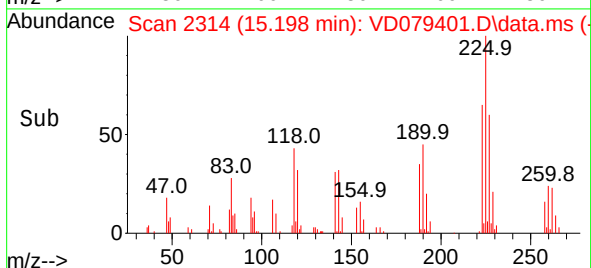
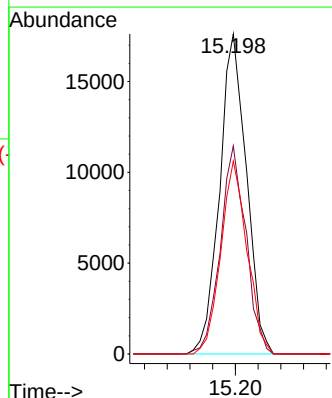
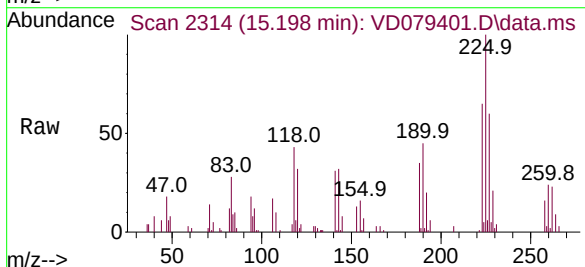
Tgt Ion:225 Resp: 28906

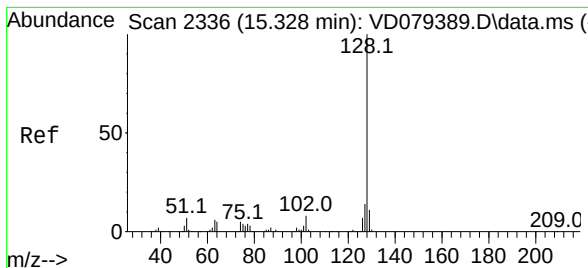
Ion Ratio Lower Upper

225 100

223 61.9 33.3 99.9

227 58.8 33.6 100.6





#95

Naphthalene

Concen: 18.892 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Instrument :

MSVOA_D

ClientSampleId :

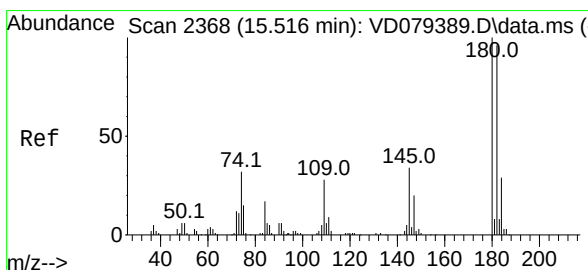
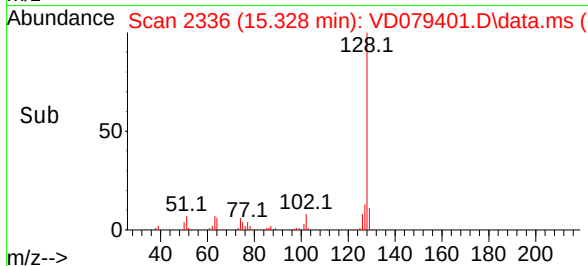
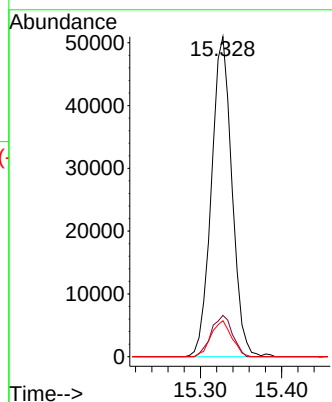
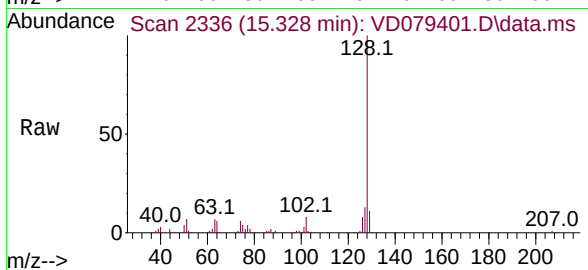
Tgt Ion:128 Resp: 89494

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.716 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079401.D

Acq: 25 Jul 2024 11:40

Tgt Ion:180 Resp: 41361

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

145 33.4 16.1 48.2

