

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079701.D
 Acq On : 09 Aug 2024 18:55
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 02:15:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	214135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	410678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	187135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93956	43.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.380%
35) Dibromofluoromethane	7.805	113	94256	33.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.820%
50) Toluene-d8	10.269	98	366856	33.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.980%
62) 4-Bromofluorobenzene	12.569	95	109524	35.062	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	62026	36.969	ug/l	99
3) Chloromethane	2.146	50	132604	42.894	ug/l	92
4) Vinyl Chloride	2.275	62	157015	42.717	ug/l	99
5) Bromomethane	2.681	94	104018	44.547	ug/l	99
6) Chloroethane	2.828	64	112834	47.771	ug/l	91
7) Trichlorofluoromethane	3.170	101	150558	41.187	ug/l	96
8) Diethyl Ether	3.587	74	51796	46.907	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.964	101	89179	38.572	ug/l	94
10) Methyl Iodide	4.158	142	101730	37.312	ug/l	94
11) Tert butyl alcohol	5.064	59	30662	307.653	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	91296	39.459	ug/l	92
13) Acrolein	3.805	56	17773	109.470	ug/l	98
14) Allyl chloride	4.558	41	140295	45.920	ug/l #	84
15) Acrylonitrile	5.246	53	130844	253.579	ug/l	98
16) Acetone	4.022	43	89176	210.931	ug/l	99
17) Carbon Disulfide	4.264	76	279781	36.634	ug/l	97
18) Methyl Acetate	4.558	43	68635	52.289	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	229510	48.597	ug/l	98
20) Methylene Chloride	4.799	84	134160	40.767	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	104244	40.107	ug/l #	83
22) Diisopropyl ether	6.211	45	334874	49.262	ug/l #	90
23) Vinyl Acetate	6.152	43	1282211	250.920	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	201756	44.289	ug/l	94
25) 2-Butanone	7.081	43	142748	238.162	ug/l	89
26) 2,2-Dichloropropane	7.069	77	145732	39.550	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	128276	43.177	ug/l	90
28) Bromochloromethane	7.428	49	104481	52.302	ug/l #	64
29) Tetrahydrofuran	7.446	42	99213	267.097	ug/l #	80
30) Chloroform	7.599	83	199946	43.342	ug/l	95
31) Cyclohexane	7.875	56	146935	40.669	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	158929	41.750	ug/l	97
36) 1,1-Dichloropropene	8.010	75	136468	35.970	ug/l	94
37) Ethyl Acetate	7.163	43	71825	46.174	ug/l #	93
38) Carbon Tetrachloride	7.987	117	141813	35.557	ug/l	97
39) Methylcyclohexane	9.275	83	154499	34.130	ug/l	93
40) Benzene	8.252	78	451119	37.437	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	37232	43.514	ug/l	88
42) 1,2-Dichloroethane	8.322	62	112879	39.310	ug/l	95
43) Isopropyl Acetate	8.358	43	126119	43.140	ug/l #	92
44) Trichloroethene	9.028	130	102185	34.065	ug/l	93
45) 1,2-Dichloropropane	9.305	63	116857	39.849	ug/l	96
46) Dibromomethane	9.393	93	62704	38.570	ug/l	88
47) Bromodichloromethane	9.581	83	153027	38.335	ug/l	97
48) Methyl methacrylate	9.381	41	59630	45.577	ug/l	82
49) 1,4-Dioxane	9.387	88	13381	794.340	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	344128	230.559	ug/l	93
52) Toluene	10.334	92	278268	37.338	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	142430	38.637	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	169105	38.137	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	83947	39.199	ug/l	96
56) Ethyl methacrylate	10.599	69	107750	42.464	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	148406	40.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	259133	221.441	ug/l	89
59) 2-Hexanone	10.922	43	234972	225.726	ug/l	95
60) Dibromochloromethane	11.075	129	101386	36.241	ug/l	94
61) 1,2-Dibromoethane	11.181	107	75741	37.752	ug/l	99
64) Tetrachloroethene	10.804	164	79680	31.878	ug/l	94
65) Chlorobenzene	11.604	112	301675	36.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	100048	37.046	ug/l	97
67) Ethyl Benzene	11.681	91	512710	38.155	ug/l	100
68) m/p-Xylenes	11.793	106	400694	75.162	ug/l	91
69) o-Xylene	12.122	106	187936	38.460	ug/l	90
70) Styrene	12.134	104	343104	40.050	ug/l	97
71) Bromoform	12.293	173	56466	36.985	ug/l #	99
73) Isopropylbenzene	12.416	105	480953	35.453	ug/l	99
74) N-amyl acetate	12.234	43	124608	45.272	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	101099	41.586	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	123695	75.620	ug/l #	100
77) Bromobenzene	12.698	156	112395	35.819	ug/l	83
78) n-propylbenzene	12.763	91	593293	37.928	ug/l	96
79) 2-Chlorotoluene	12.846	91	335073	38.469	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	408176	39.156	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	36440	42.489	ug/l	98
82) 4-Chlorotoluene	12.945	91	354945	39.090	ug/l	94
83) tert-Butylbenzene	13.163	119	337441	34.622	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	412647	36.200	ug/l	98
85) sec-Butylbenzene	13.345	105	521148	37.587	ug/l	98
86) p-Isopropyltoluene	13.457	119	433883	34.385	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	229083	35.245	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	228546	35.765	ug/l	96
89) n-Butylbenzene	13.787	91	408153	34.923	ug/l	98
90) Hexachloroethane	14.051	117	88033	36.301	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	208056	37.454	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	13979	43.215	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	118010	33.718	ug/l	95
94) Hexachlorobutadiene	15.198	225	57451	30.414	ug/l	96
95) Naphthalene	15.328	128	253461	41.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	106050	34.446	ug/l	100

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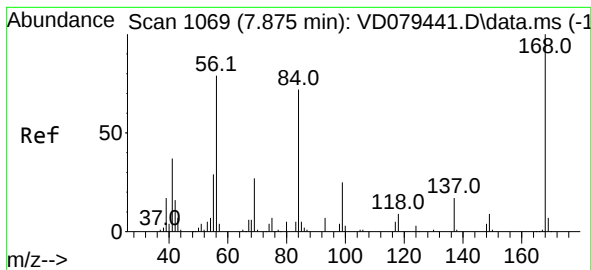
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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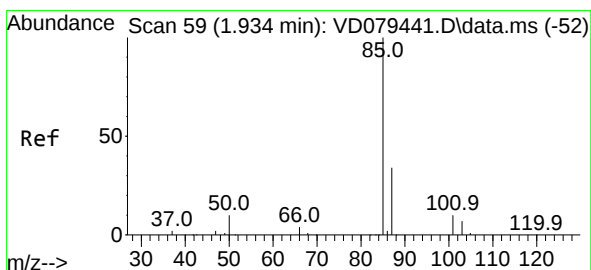
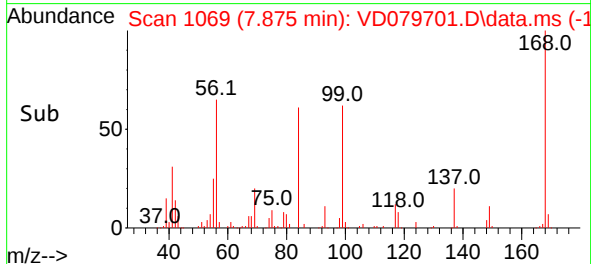
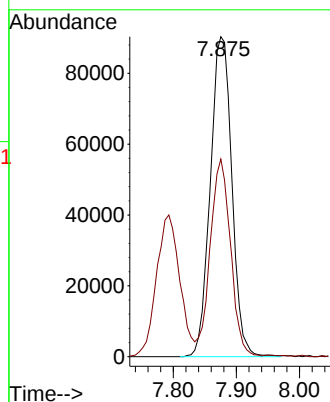
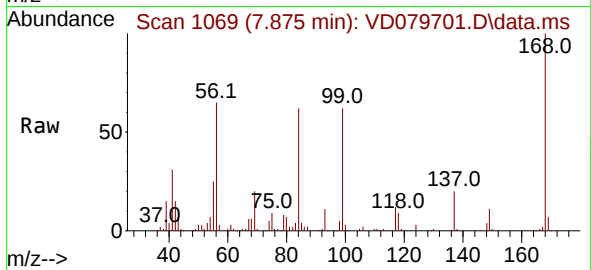




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079701.D
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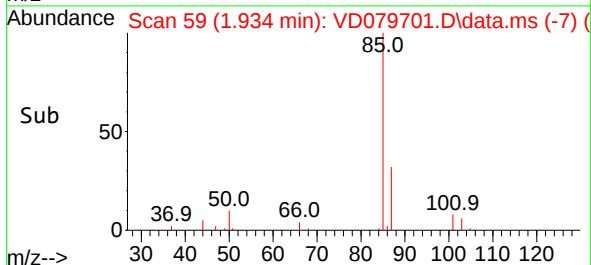
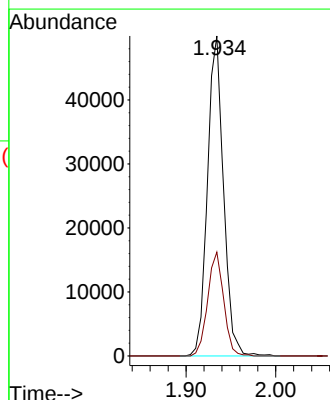
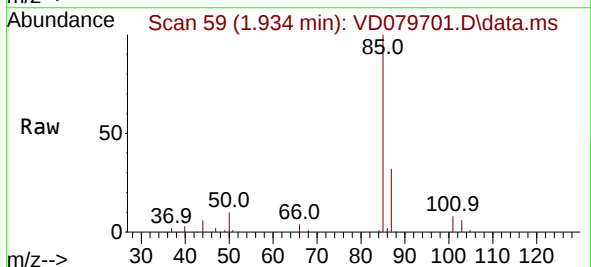
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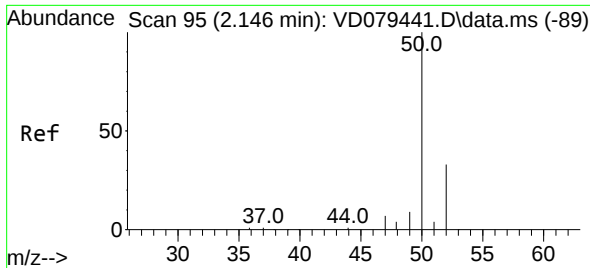
Tgt Ion:168 Resp: 214135
Ion Ratio Lower Upper
168 100
99 61.4 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 36.969 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 85 Resp: 62026
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

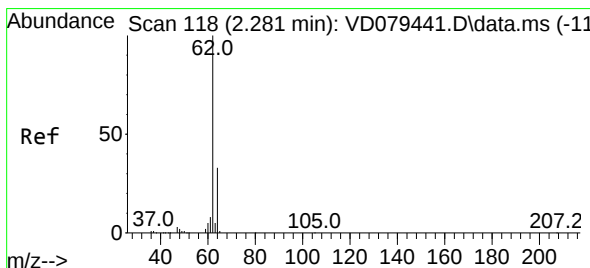
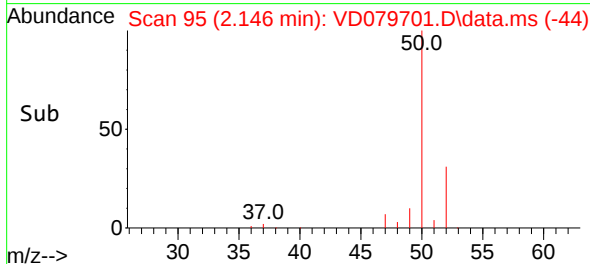
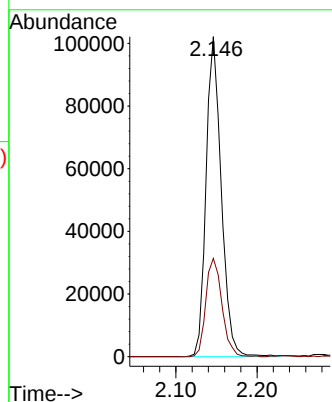
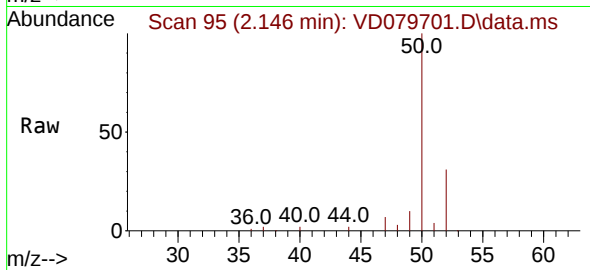




#3
Chloromethane
Concen: 42.894 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

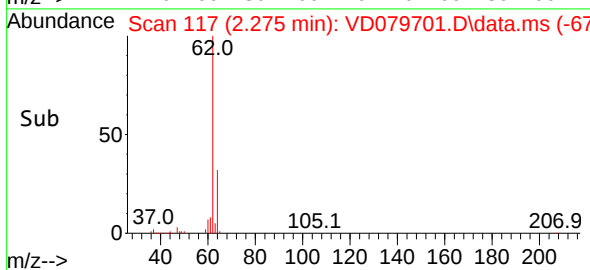
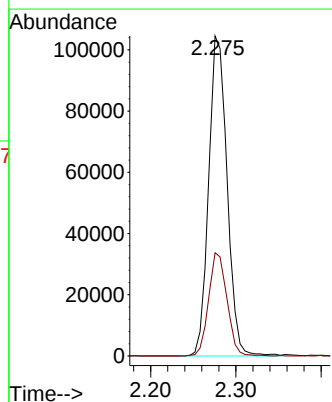
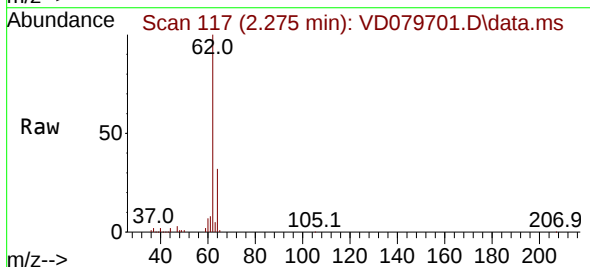
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MSVOA_D
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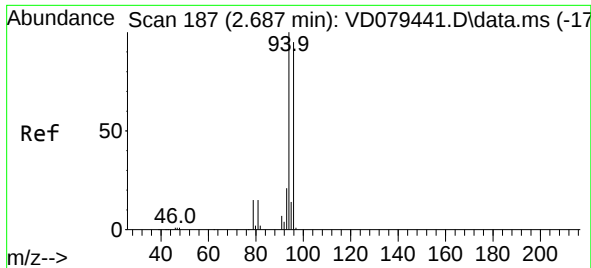
Tgt Ion: 50 Resp: 132604
Ion Ratio Lower Upper
50 100
52 30.7 28.2 42.2



#4
Vinyl Chloride
Concen: 42.717 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 62 Resp: 157015
Ion Ratio Lower Upper
62 100
64 32.2 26.3 39.5

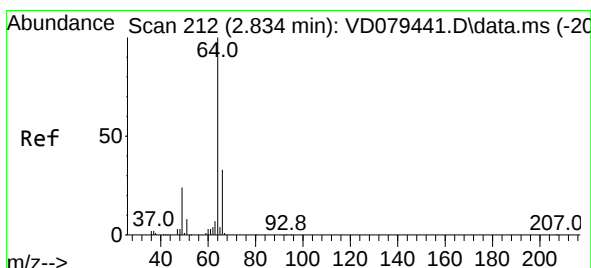
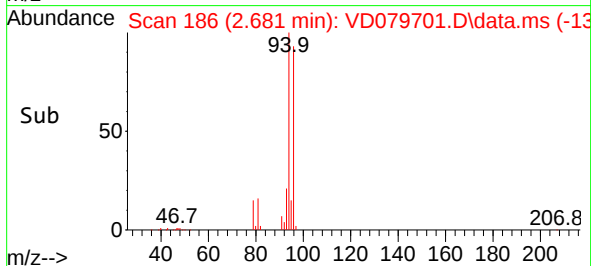
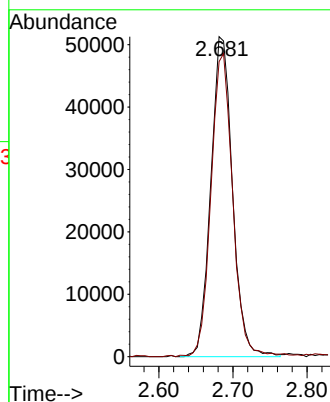
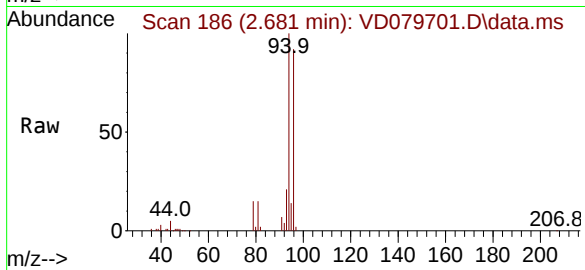




#5
Bromomethane
Concen: 44.547 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

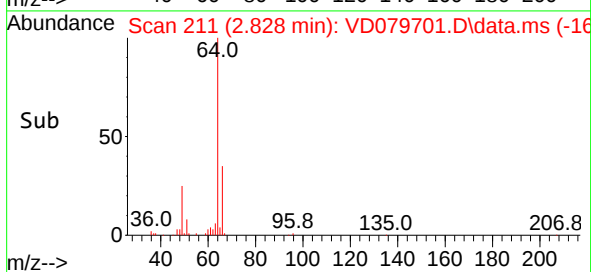
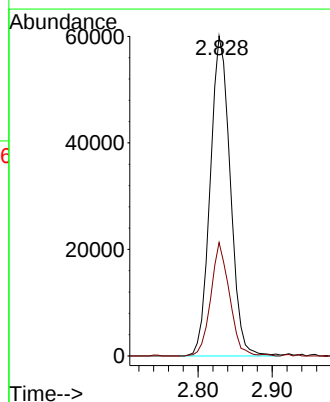
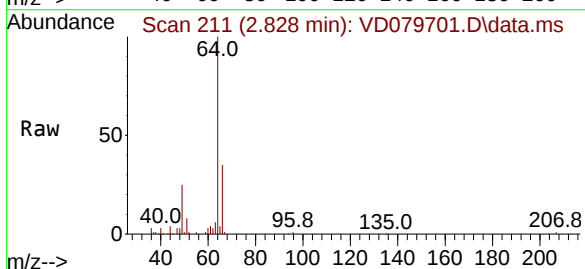
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MSVOA_D
ClientSampleId :

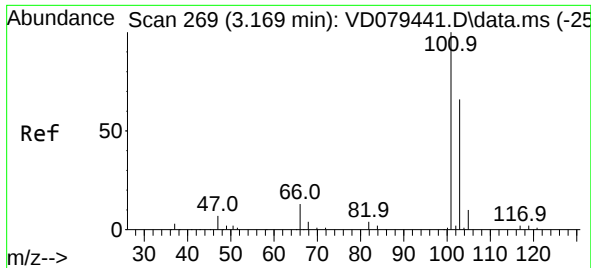
Tgt Ion: 94 Resp: 104018
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 47.771 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

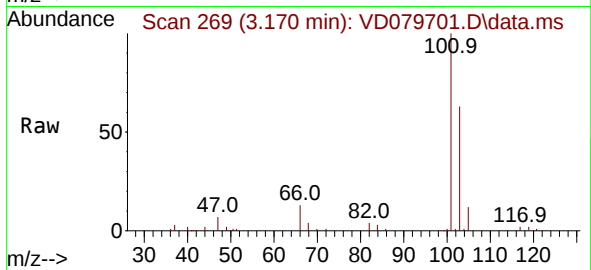
Tgt Ion: 64 Resp: 112834
Ion Ratio Lower Upper
64 100
66 35.4 24.5 36.7



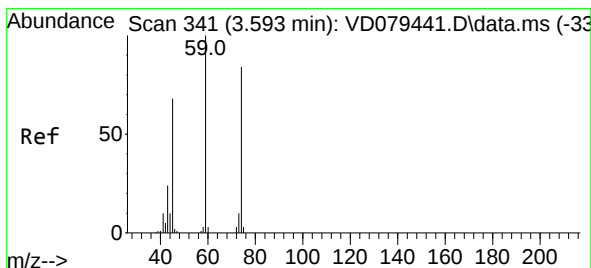
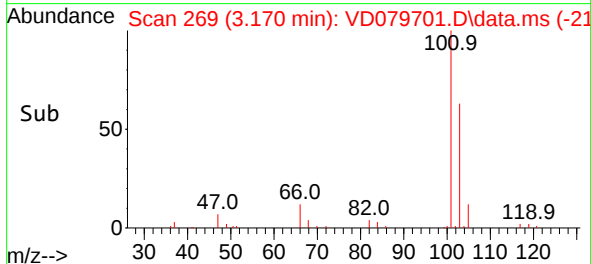
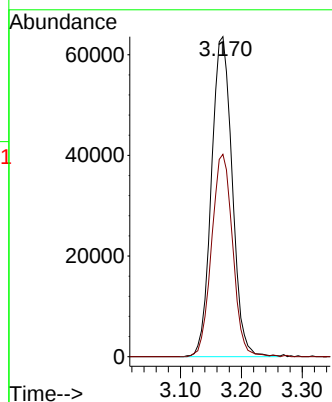


#7
Trichlorofluoromethane
Concen: 41.187 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Instrument :
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ClientSampleId :

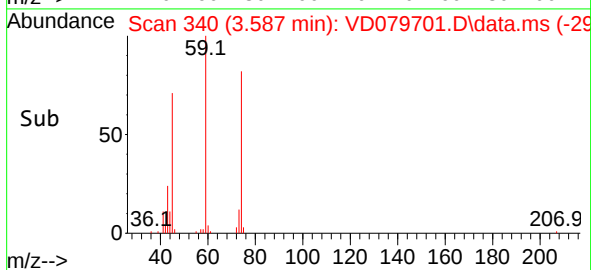
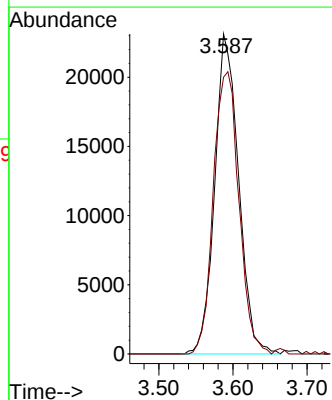
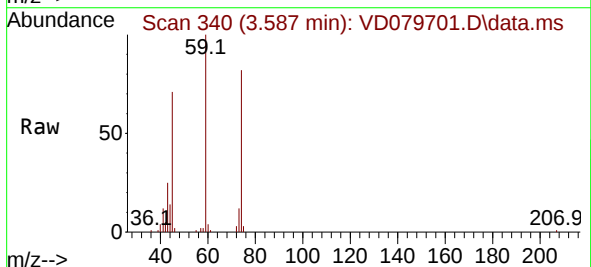


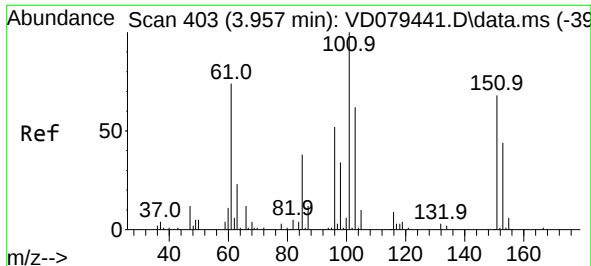
Tgt Ion:101 Resp: 150558
Ion Ratio Lower Upper
101 100
103 63.3 53.2 79.8



#8
Diethyl Ether
Concen: 46.907 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 74 Resp: 51796
Ion Ratio Lower Upper
74 100
45 94.2 37.9 113.6

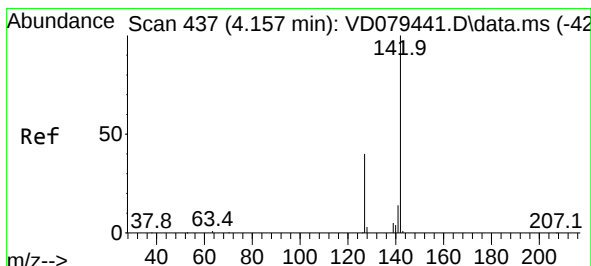
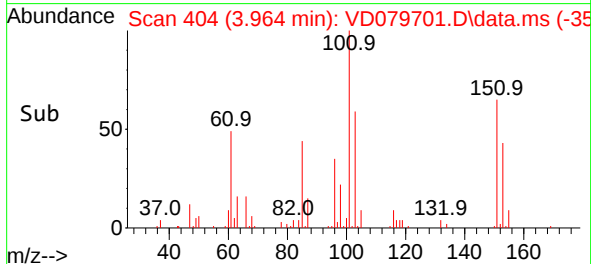
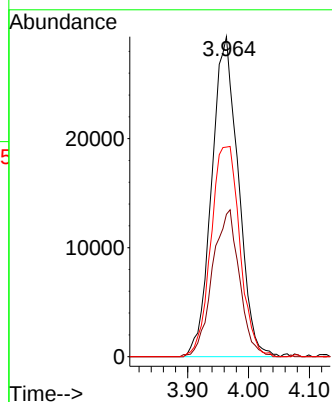
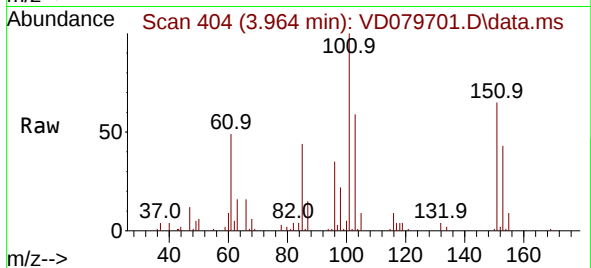




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.572 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079701.D
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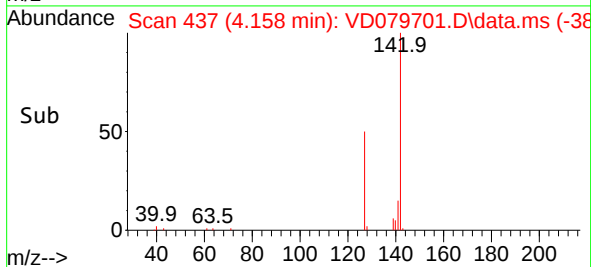
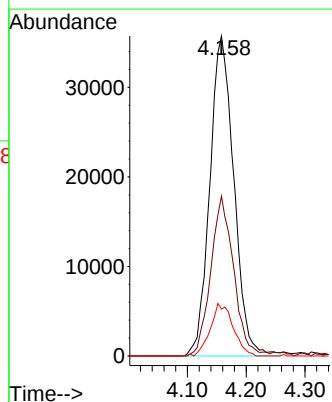
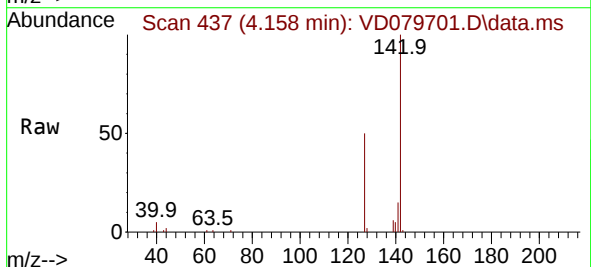
Instrument :
MSVOA_D
ClientSampleId :

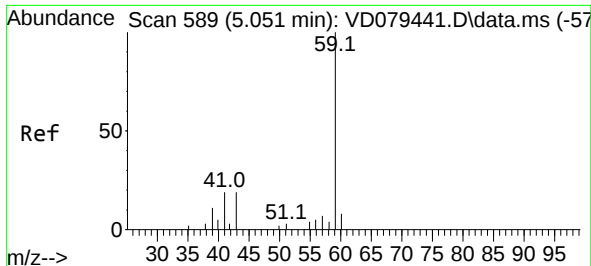
Tgt Ion:101 Resp: 89179
Ion Ratio Lower Upper
101 100
85 46.6 33.5 50.3
151 71.1 60.3 90.5



#10
Methyl Iodide
Concen: 37.312 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

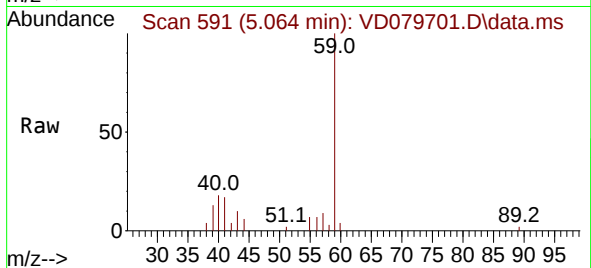
Tgt Ion:142 Resp: 101730
Ion Ratio Lower Upper
142 100
127 47.4 34.2 51.4
141 15.5 11.7 17.5



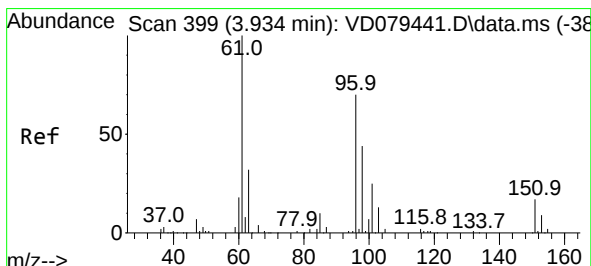
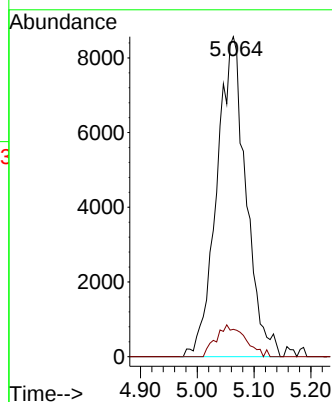
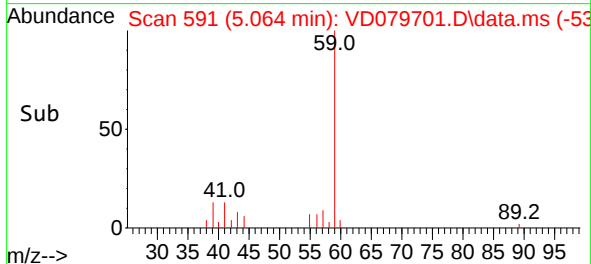


#11
Tert butyl alcohol
Concen: 307.653 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

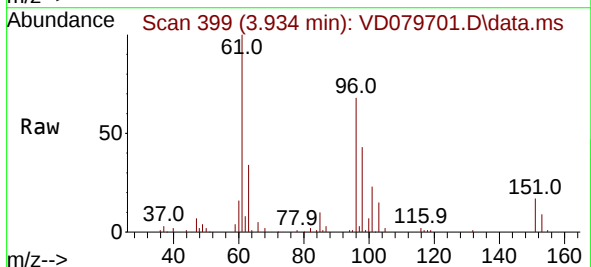
Instrument :
MSVOA_D
ClientSampleId :



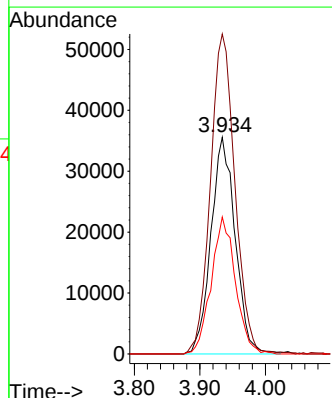
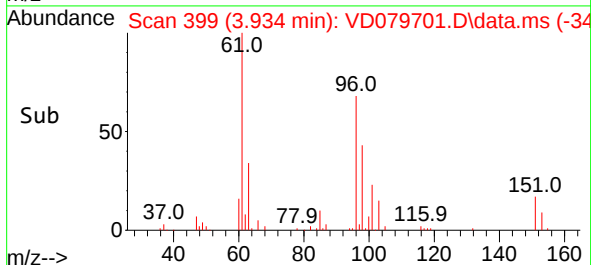
Tgt Ion: 59 Resp: 30662
Ion Ratio Lower Upper
59 100
57 9.9 3.6 5.4#

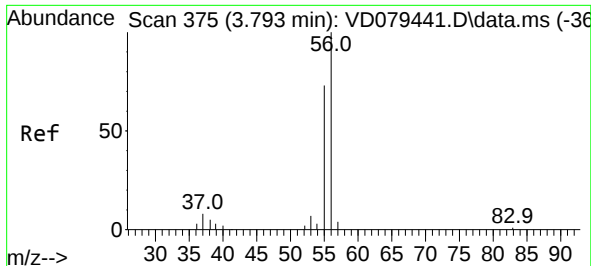


#12
1,1-Dichloroethene
Concen: 39.459 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55



Tgt Ion: 96 Resp: 91296
Ion Ratio Lower Upper
96 100
61 147.7 107.3 160.9
98 63.2 51.7 77.5





#13

Acrolein

Concen: 109.470 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

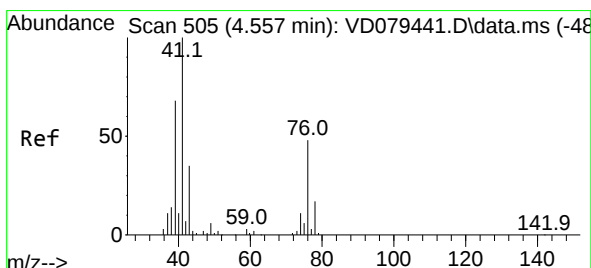
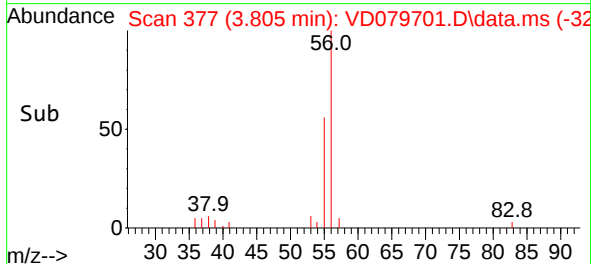
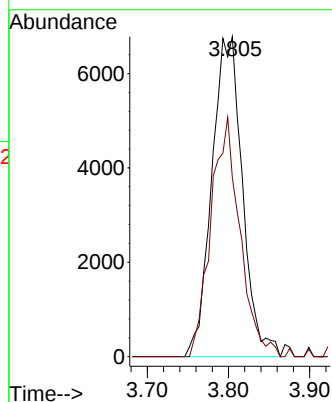
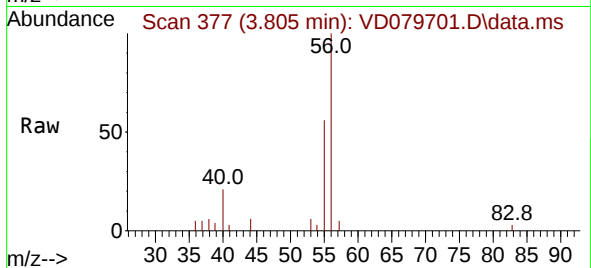
ClientSampleId :

Tgt Ion: 56 Resp: 17773

Ion Ratio Lower Upper

56 100

55 70.9 55.3 82.9



#14

Allyl chloride

Concen: 45.920 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

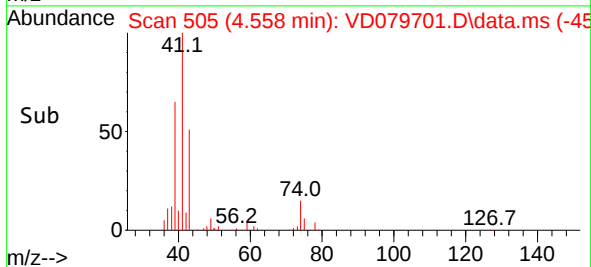
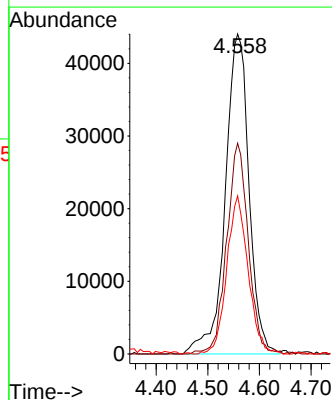
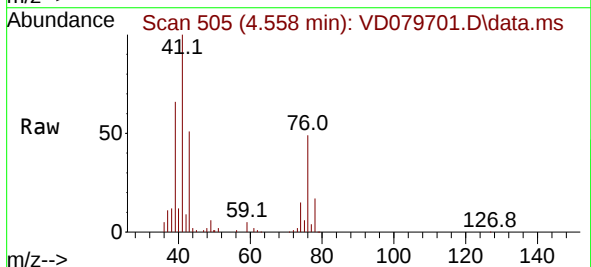
Tgt Ion: 41 Resp: 140295

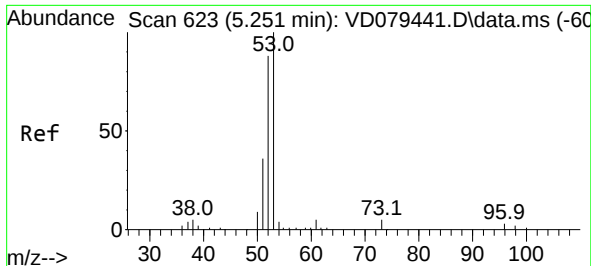
Ion Ratio Lower Upper

41 100

39 60.1 58.0 87.0

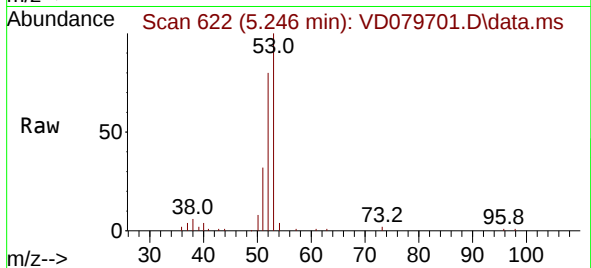
76 44.6 45.9 68.9#





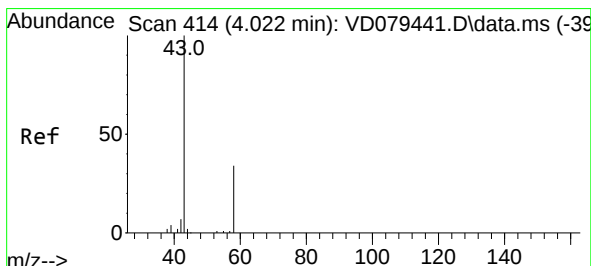
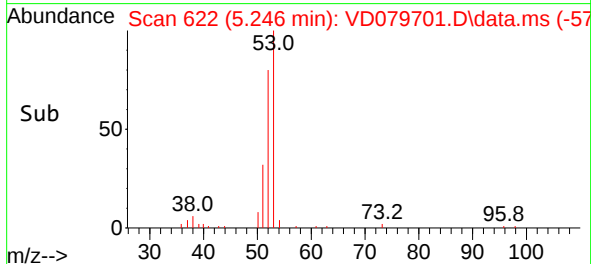
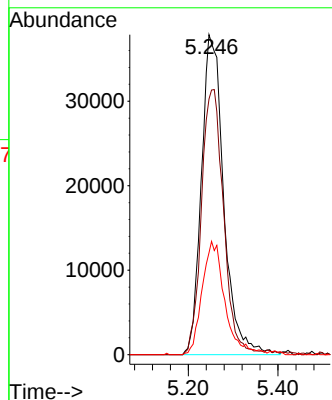
#15
Acrylonitrile
Concen: 253.579 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 53 Resp: 130844

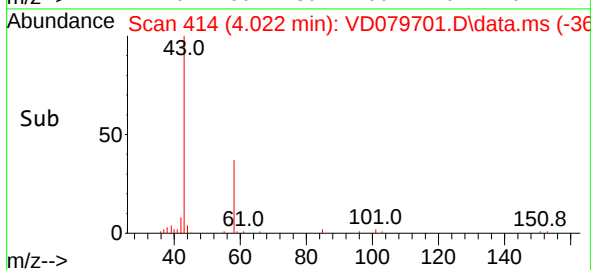
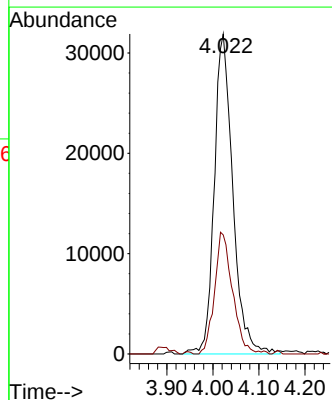
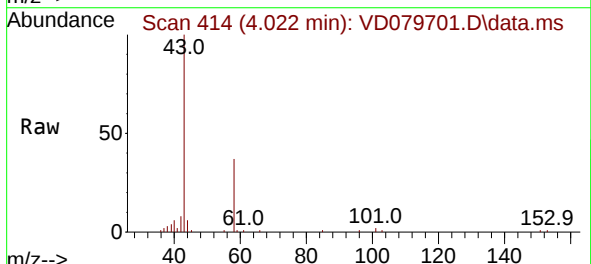
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.7	101.5
51	36.0	28.6	42.8

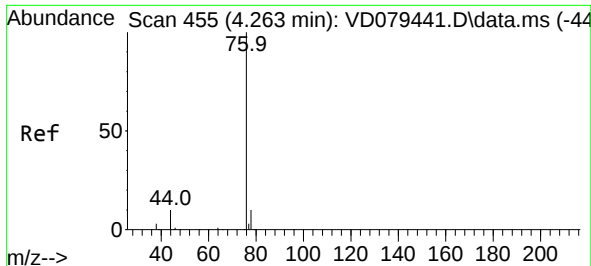


#16
Acetone
Concen: 210.931 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 89176

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.4	45.6

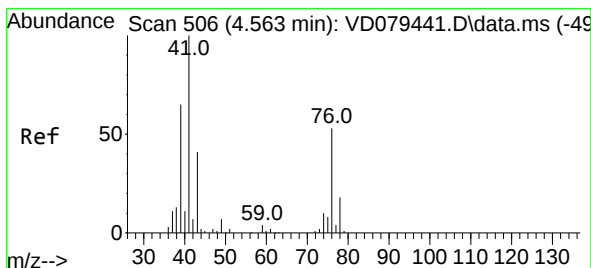
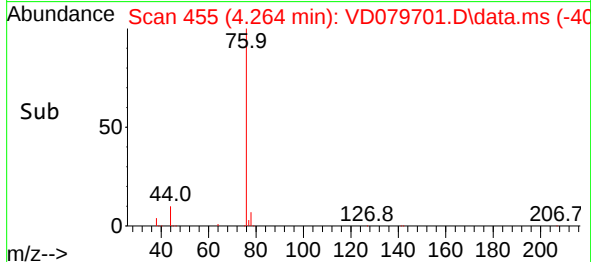
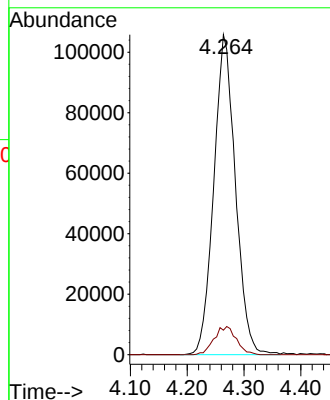
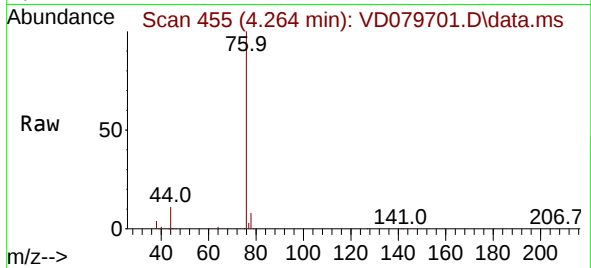




#17
Carbon Disulfide
Concen: 36.634 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

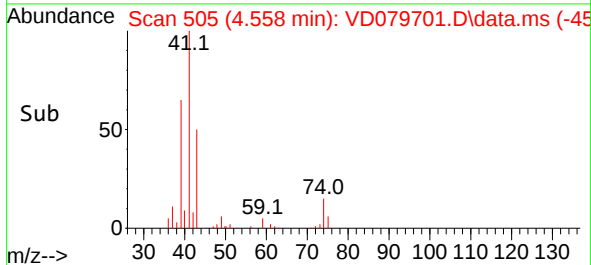
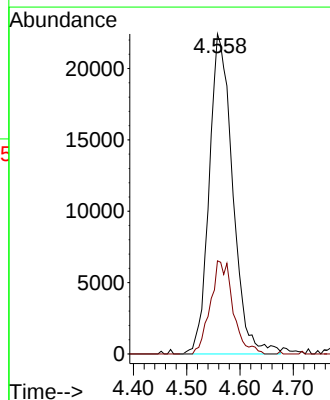
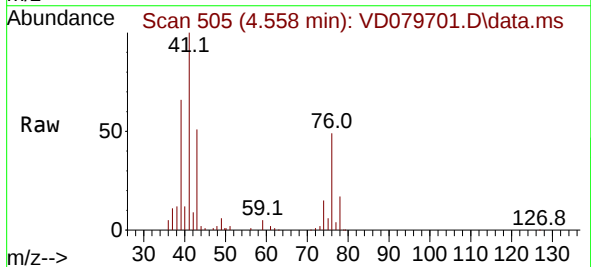
Instrument :
MSVOA_D
ClientSampleId :

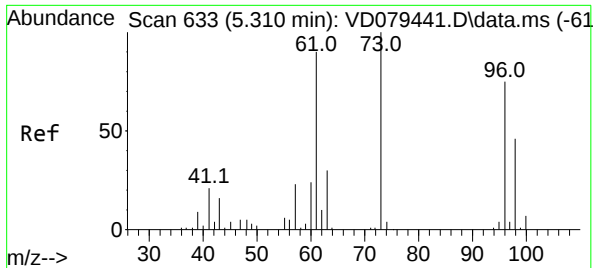
Tgt Ion: 76 Resp: 279781
Ion Ratio Lower Upper
76 100
78 7.7 6.9 10.3



#18
Methyl Acetate
Concen: 52.289 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 68635
Ion Ratio Lower Upper
43 100
74 28.0 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 48.597 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

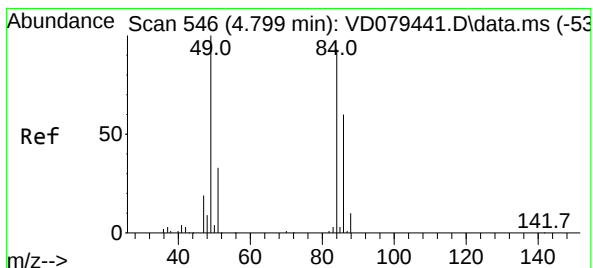
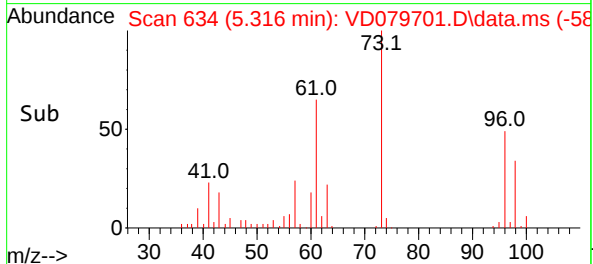
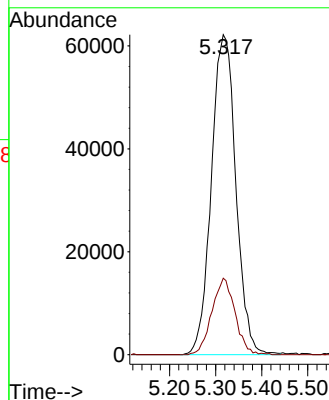
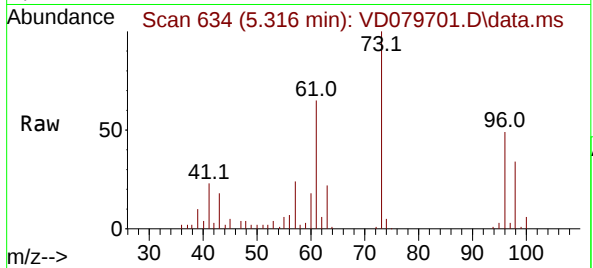
ClientSampleId :

Tgt Ion: 73 Resp: 229510

Ion Ratio Lower Upper

73 100

57 23.9 18.3 27.5



#20

Methylene Chloride

Concen: 40.767 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion: 84 Resp: 134160

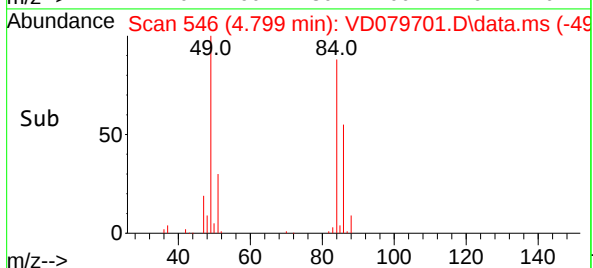
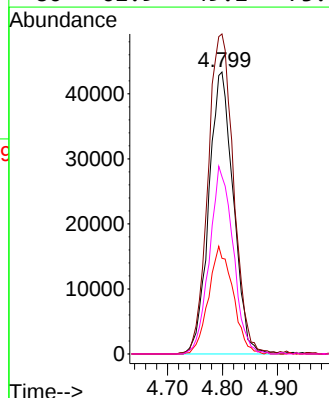
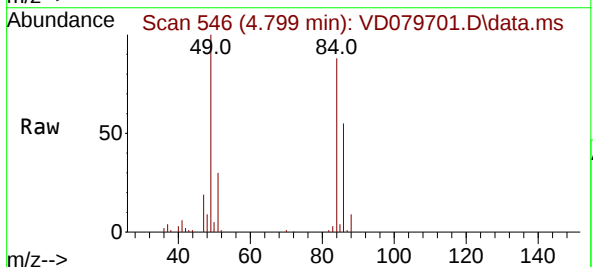
Ion Ratio Lower Upper

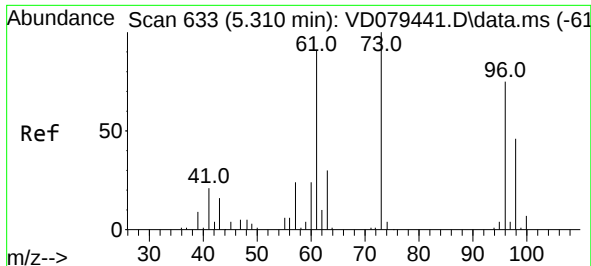
84 100

49 113.1 75.6 113.4

51 33.9 24.2 36.2

86 62.9 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 40.107 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

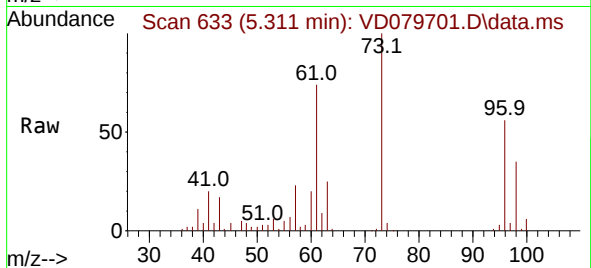
Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :



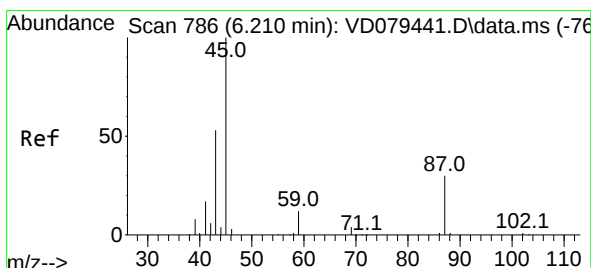
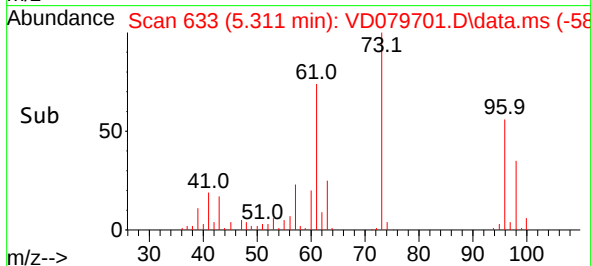
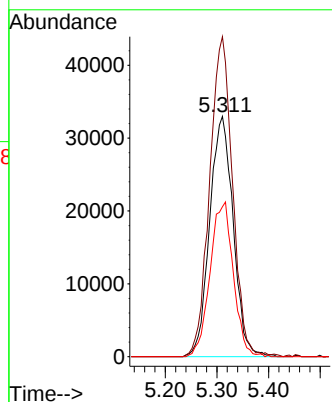
Tgt Ion: 96 Resp: 104244

Ion Ratio Lower Upper

96 100

61 133.2 84.5 126.7#

98 62.4 50.5 75.7



#22

Diisopropyl ether

Concen: 49.262 ug/l

RT: 6.211 min Scan# 786

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion: 45 Resp: 334874

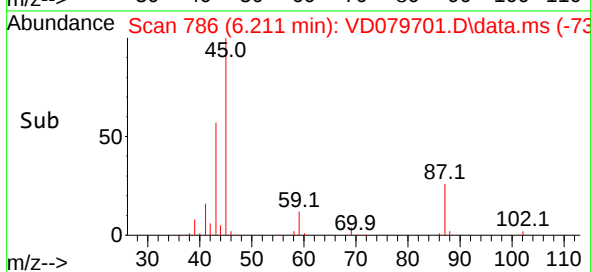
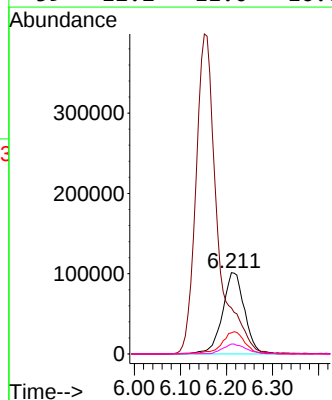
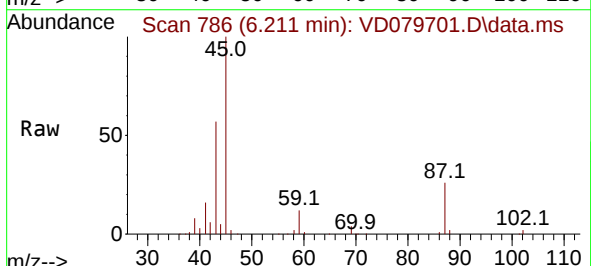
Ion Ratio Lower Upper

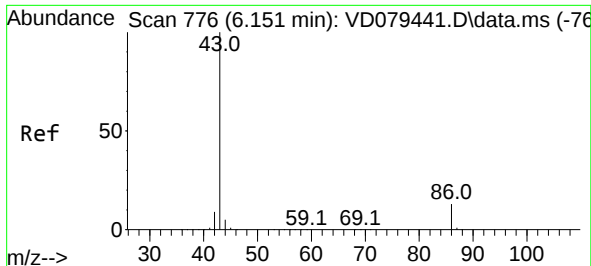
45 100

43 55.8 41.7 62.5

87 25.8 30.2 45.2#

59 12.2 11.0 16.6

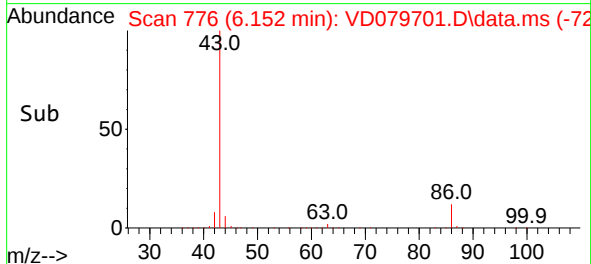
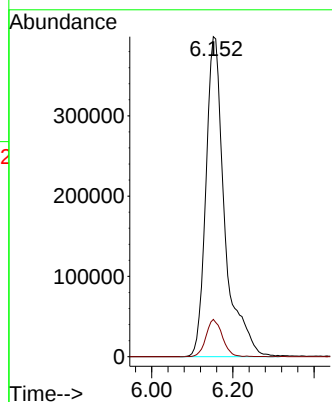
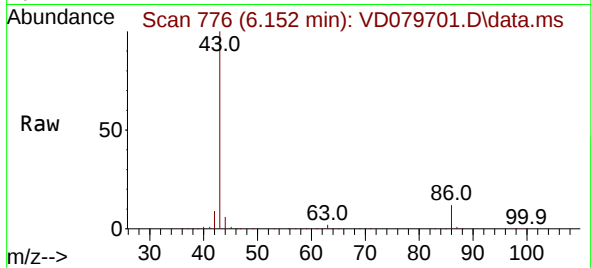




#23
 Vinyl Acetate
 Concen: 250.920 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

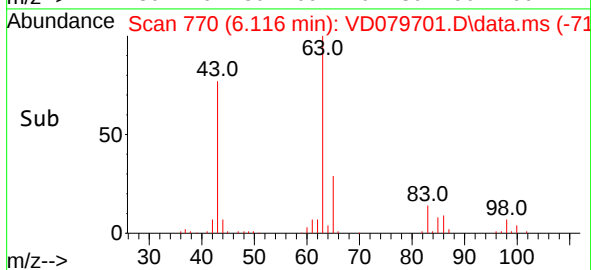
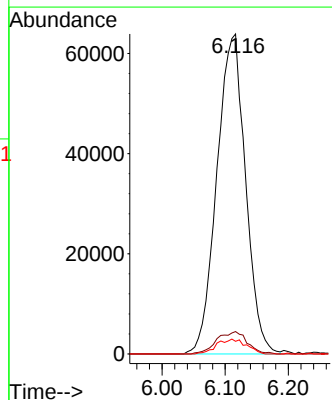
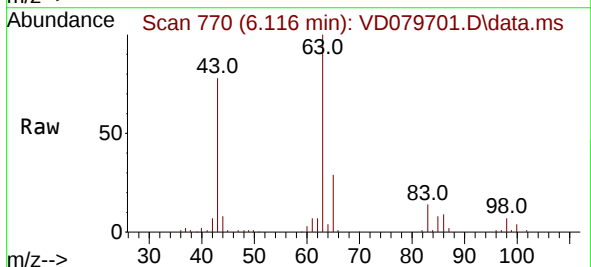
Instrument :
 MSVOA_D
 ClientSampleId :

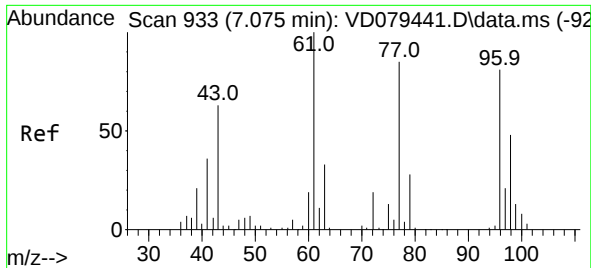
Tgt Ion: 43 Resp: 1282211
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 44.289 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.012 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Tgt Ion: 63 Resp: 201756
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.7 14.0
 100 3.9 2.9 8.6

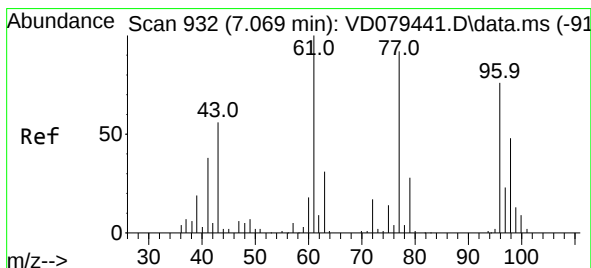
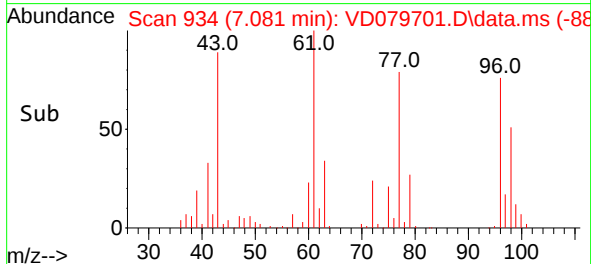
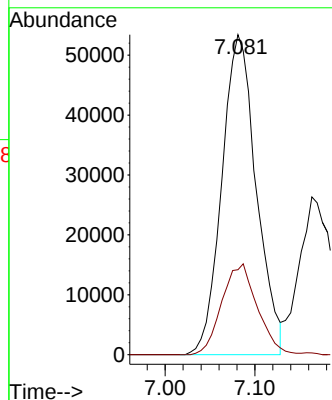
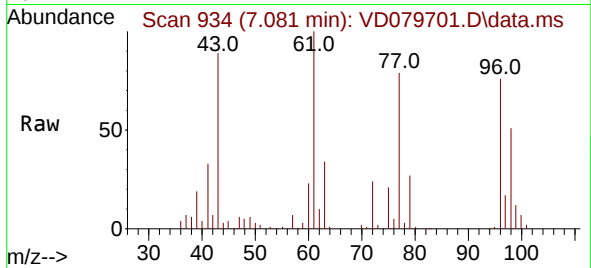




#25
2-Butanone
Concen: 238.162 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

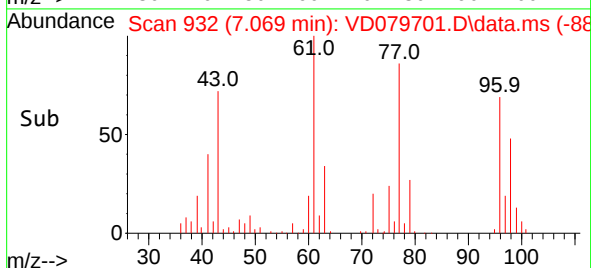
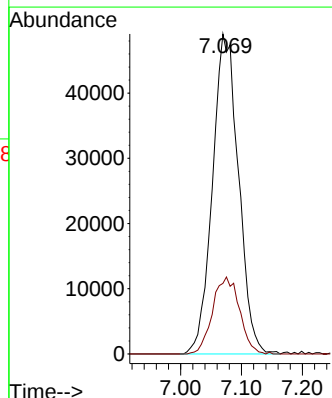
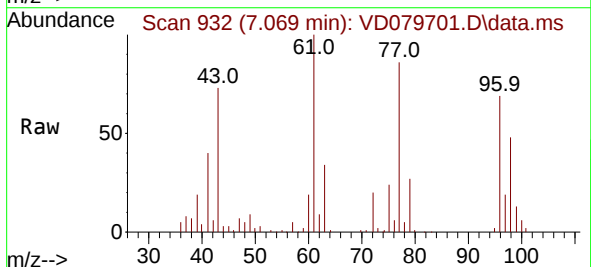
Instrument :
MSVOA_D
ClientSampleId :

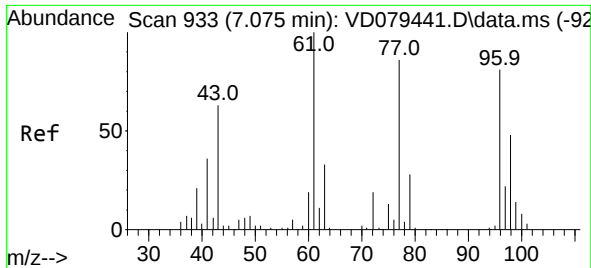
Tgt Ion: 43 Resp: 142748
Ion Ratio Lower Upper
43 100
72 26.5 26.4 39.6



#26
2,2-Dichloropropane
Concen: 39.550 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 77 Resp: 145732
Ion Ratio Lower Upper
77 100
97 24.8 12.4 37.2



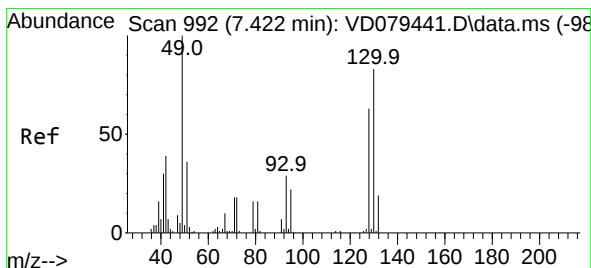
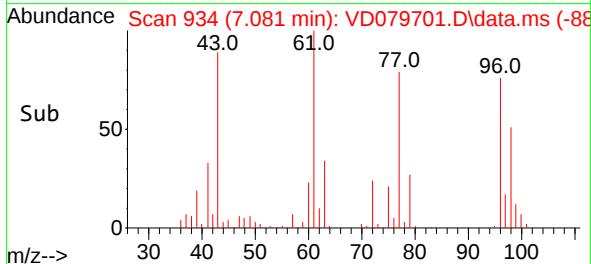
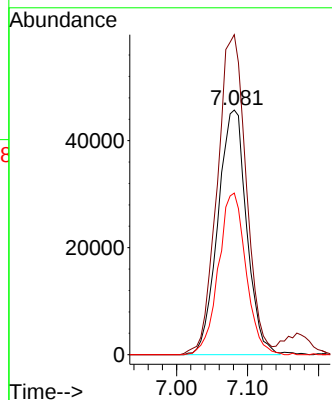
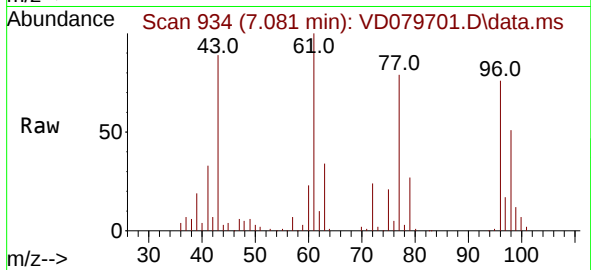


#27
 cis-1,2-Dichloroethene
 Concen: 43.177 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 128276

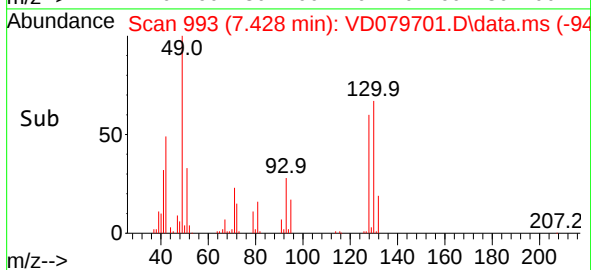
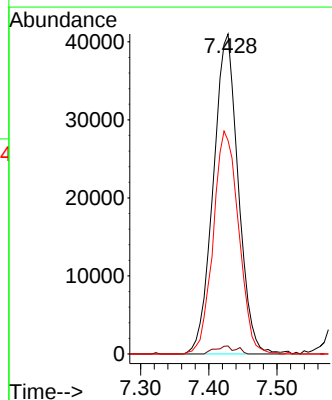
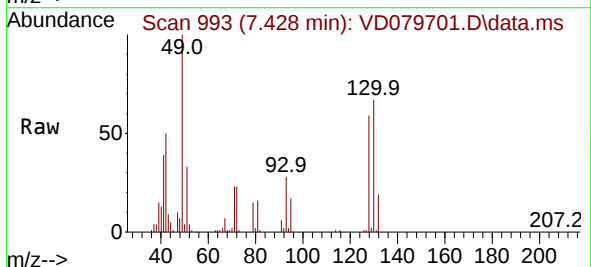
Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	229.0
98	63.4	0.0	127.2



#28
 Bromochloromethane
 Concen: 52.302 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Tgt Ion: 49 Resp: 104481

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	7.0
130	71.1	87.7	131.5#





#29

Tetrahydrofuran

Concen: 267.097 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

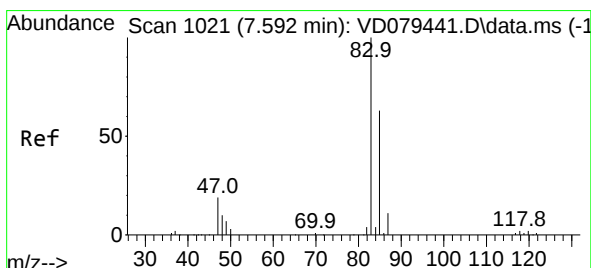
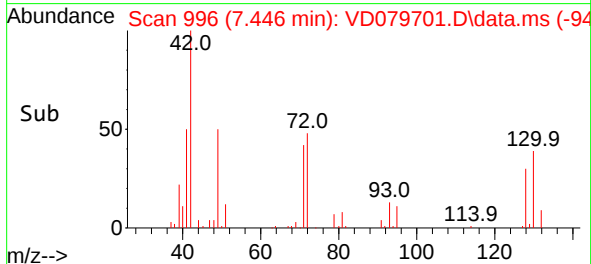
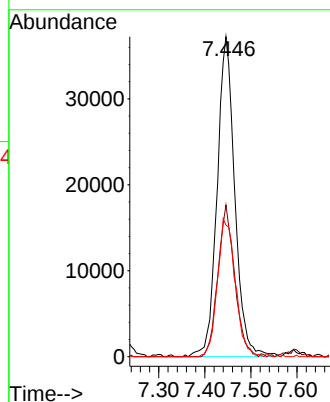
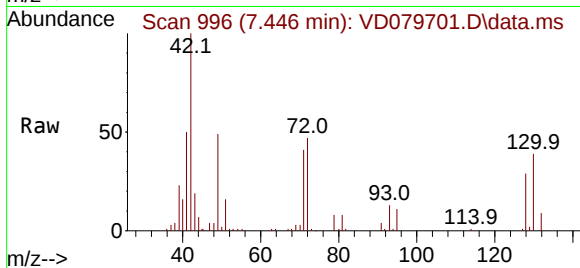
Tgt Ion: 42 Resp: 99213

Ion Ratio Lower Upper

42 100

72 44.7 49.4 74.0#

71 43.5 45.0 67.6#



#30

Chloroform

Concen: 43.342 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD079701.D

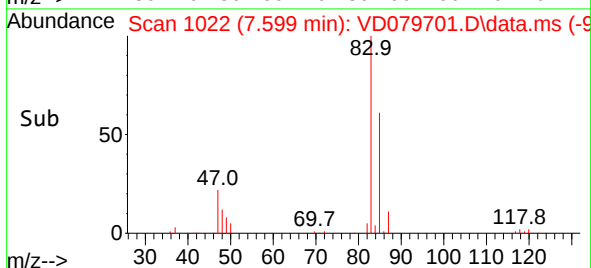
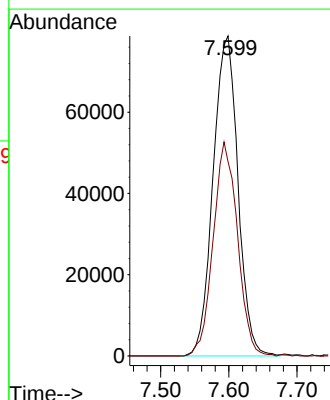
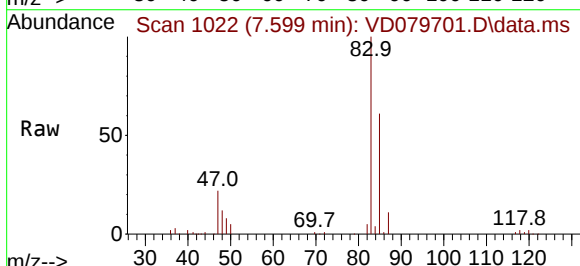
Acq: 09 Aug 2024 18:55

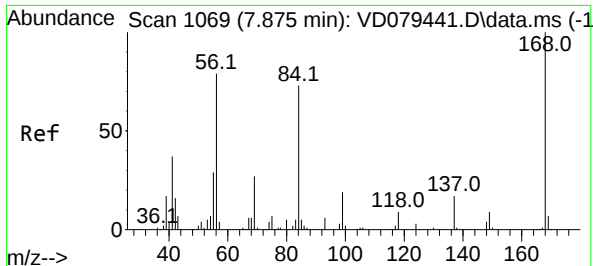
Tgt Ion: 83 Resp: 199946

Ion Ratio Lower Upper

83 100

85 60.7 51.8 77.6





#31

Cyclohexane

Concen: 40.669 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

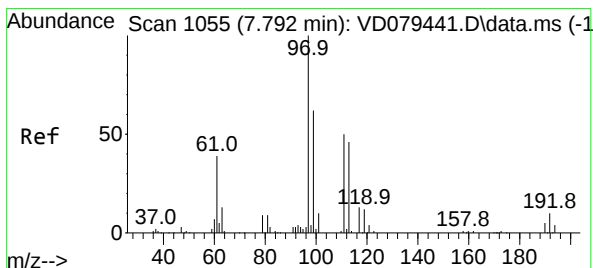
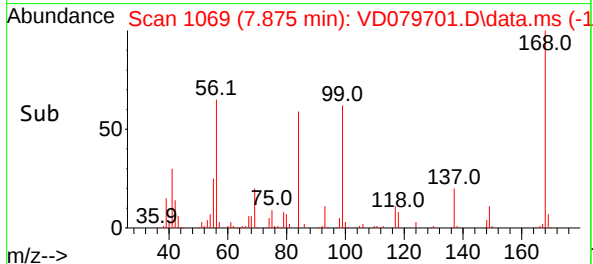
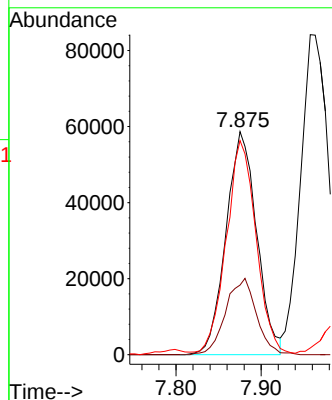
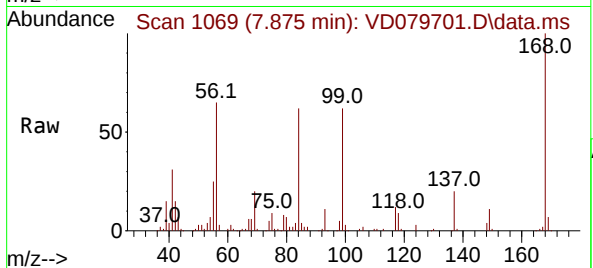
Tgt Ion: 56 Resp: 146935

Ion Ratio Lower Upper

56 100

69 30.9 28.0 42.0

84 94.2 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 41.750 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

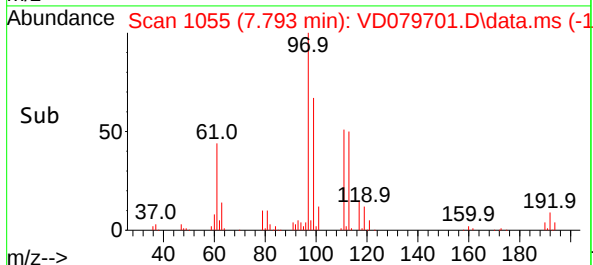
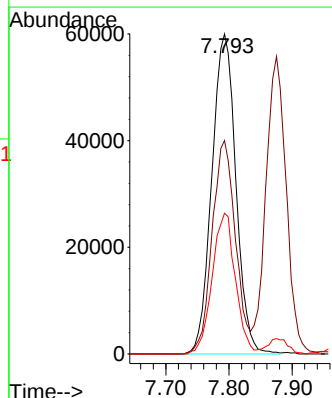
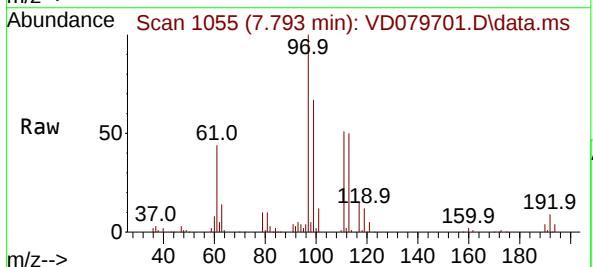
Tgt Ion: 97 Resp: 158929

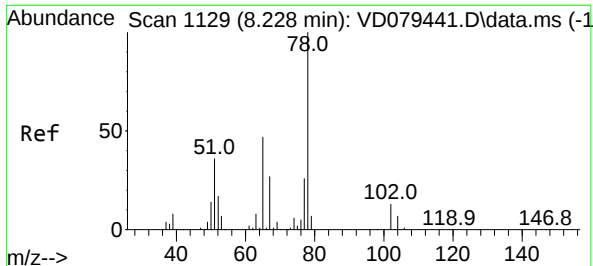
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 42.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 43.190 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

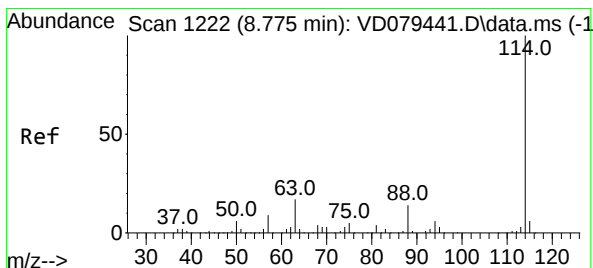
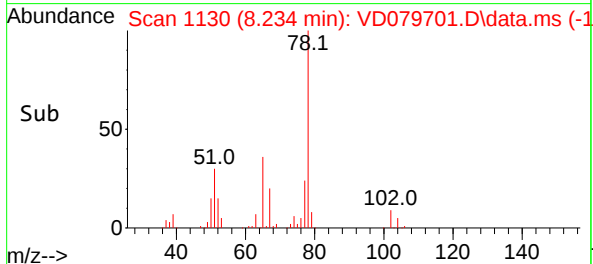
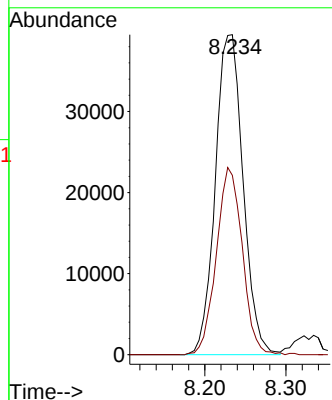
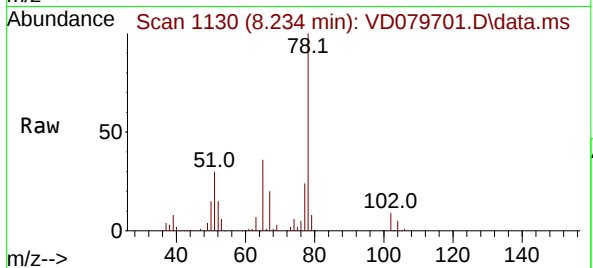
ClientSampleId :

Tgt Ion: 65 Resp: 93956

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

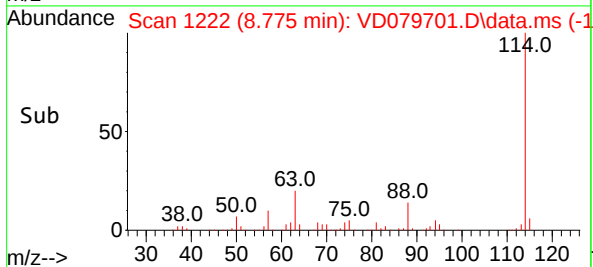
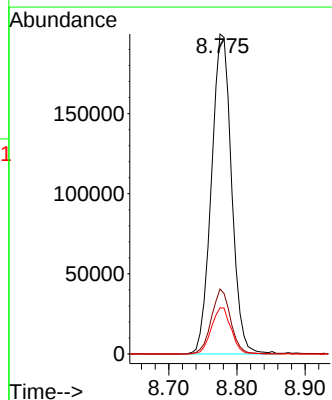
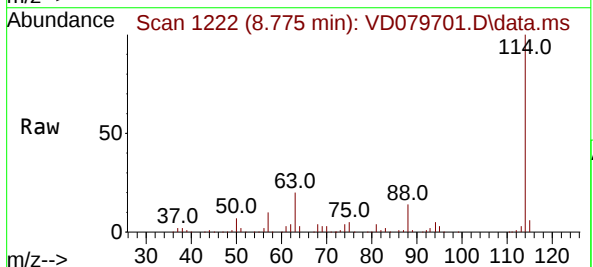
Tgt Ion: 114 Resp: 410678

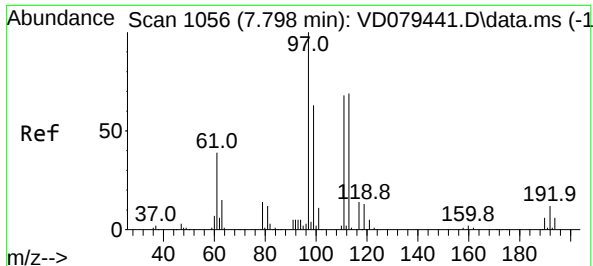
Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 33.909 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

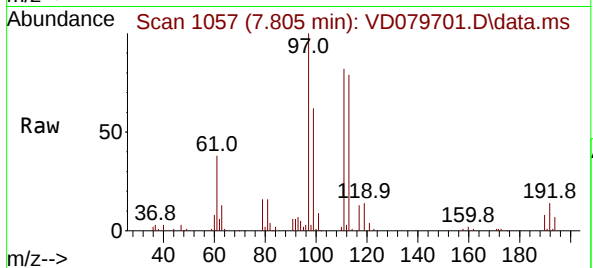
Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

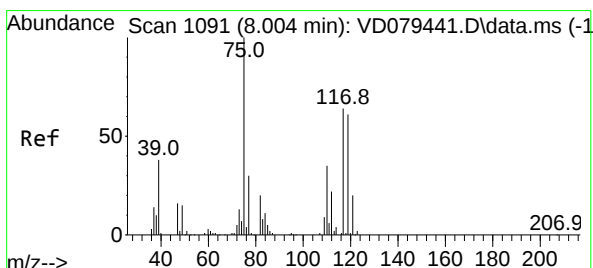
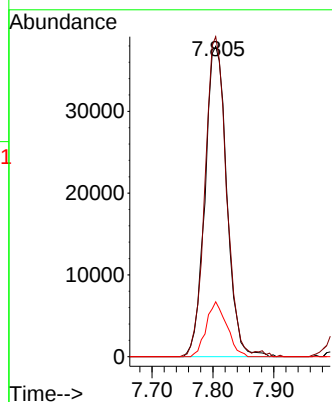
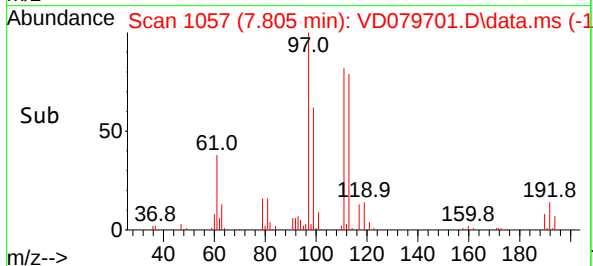
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	94256
Ion	Ratio	Lower	Upper
113	100		
111	100.8	84.0	126.0
192	16.7	15.4	23.0



#36

1,1-Dichloropropene

Concen: 35.970 ug/l

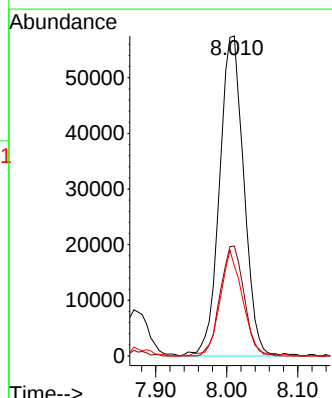
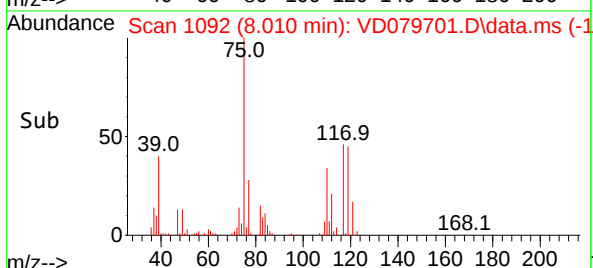
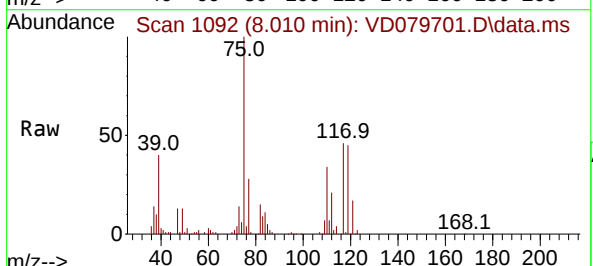
RT: 8.010 min Scan# 1092

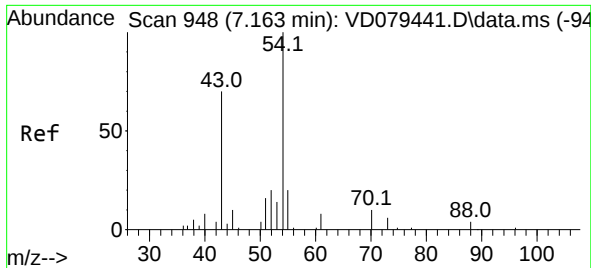
Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion:	75	Resp:	136468
Ion	Ratio	Lower	Upper
75	100		
110	33.8	19.6	58.7
77	30.6	26.1	39.1





#37

Ethyl Acetate

Concen: 46.174 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079701.D

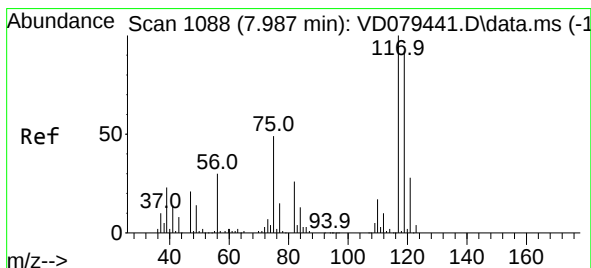
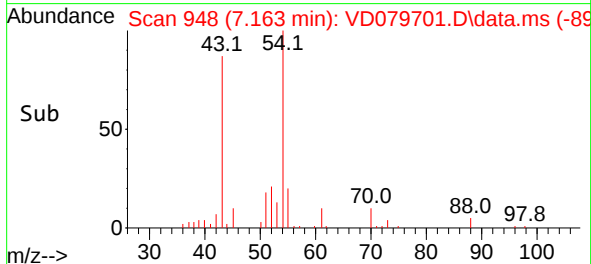
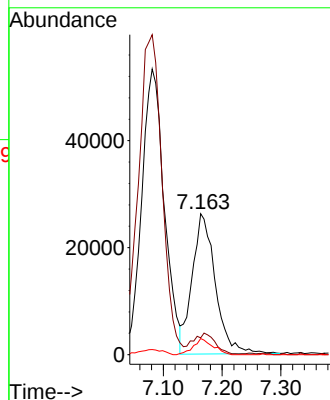
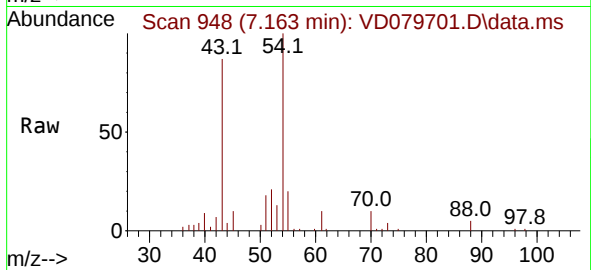
Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	71825
Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.9	20.9
70	9.6	9.8	14.6



#38

Carbon Tetrachloride

Concen: 35.557 ug/l

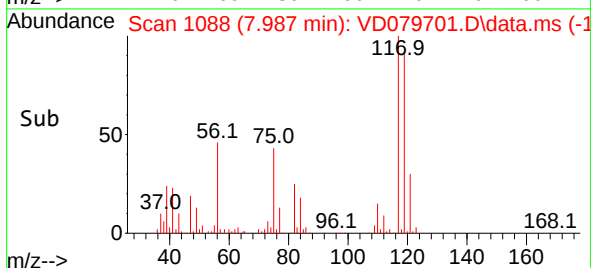
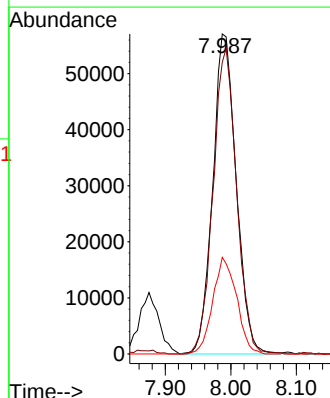
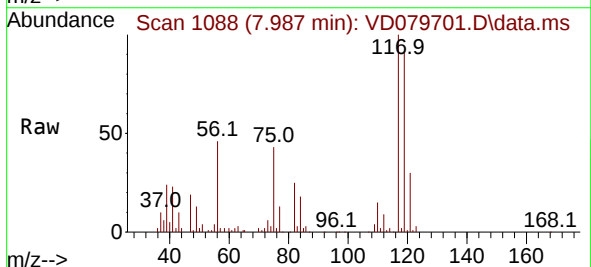
RT: 7.987 min Scan# 1088

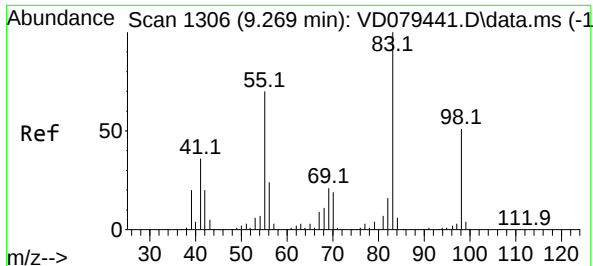
Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion:	117	Resp:	141813
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.4	113.0
121	30.2	25.0	37.4





#39

Methylcyclohexane

Concen: 34.130 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

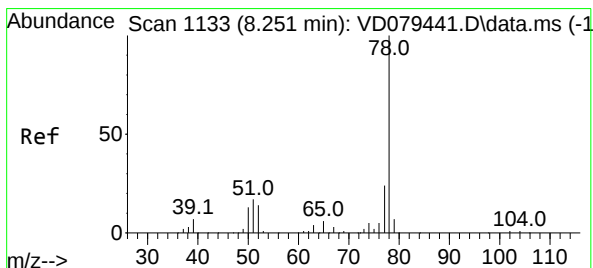
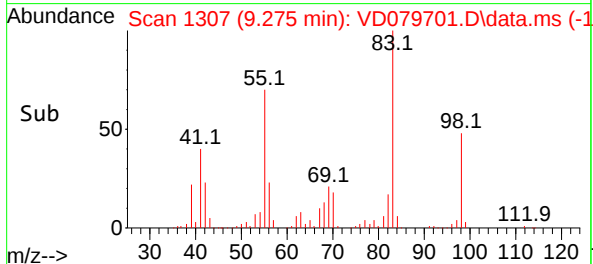
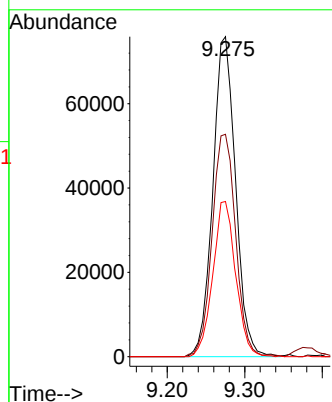
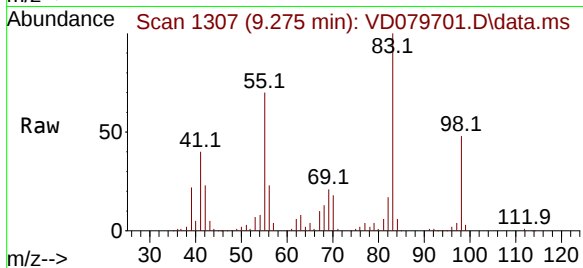
Tgt Ion: 83 Resp: 154499

Ion Ratio Lower Upper

83 100

55 69.5 50.1 75.1

98 48.5 41.9 62.9



#40

Benzene

Concen: 37.437 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD079701.D

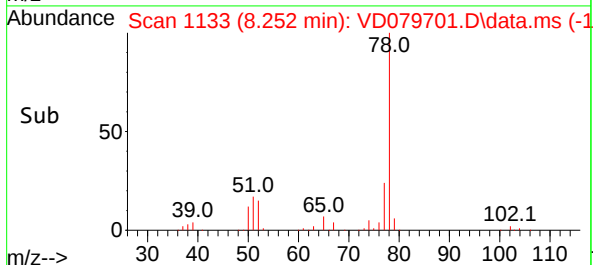
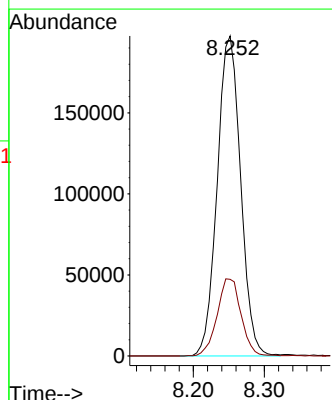
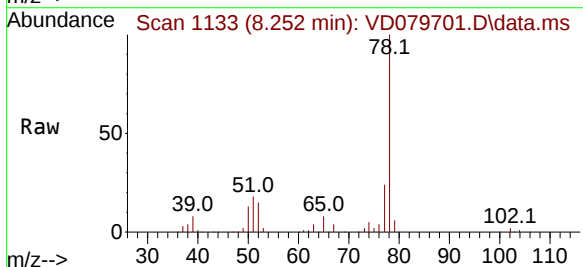
Acq: 09 Aug 2024 18:55

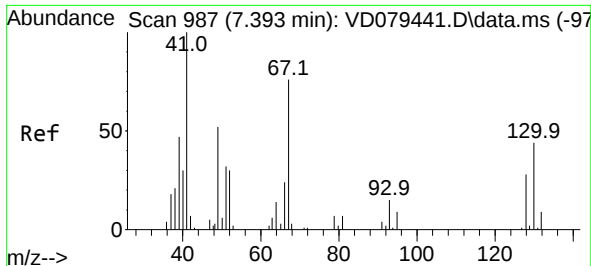
Tgt Ion: 78 Resp: 451119

Ion Ratio Lower Upper

78 100

77 24.0 18.1 27.1

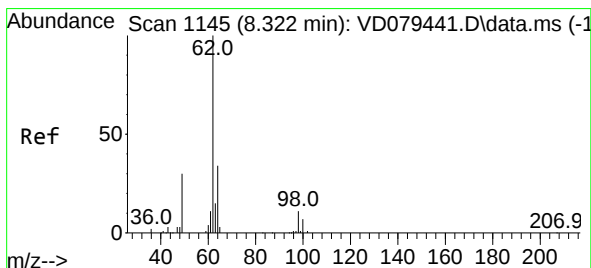
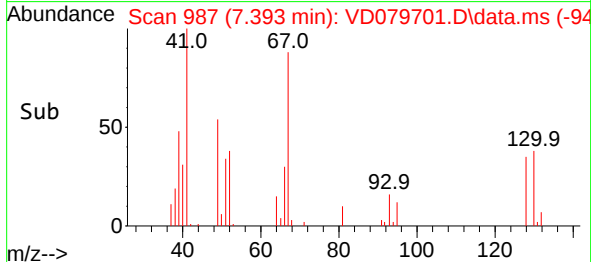
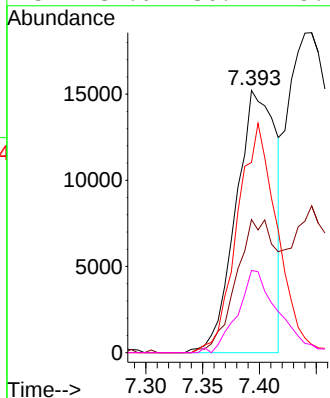
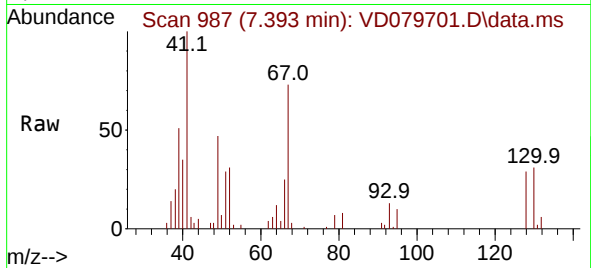




#41
Methacrylonitrile
Concen: 43.514 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.023 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

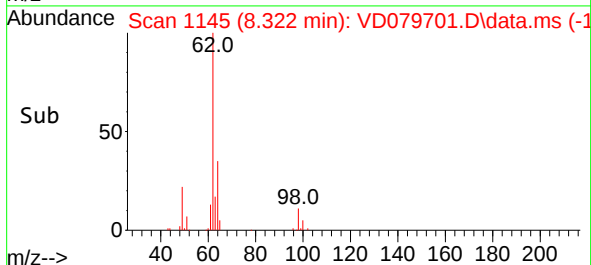
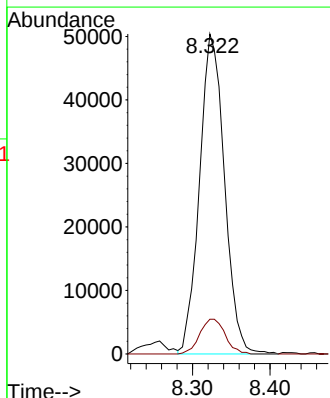
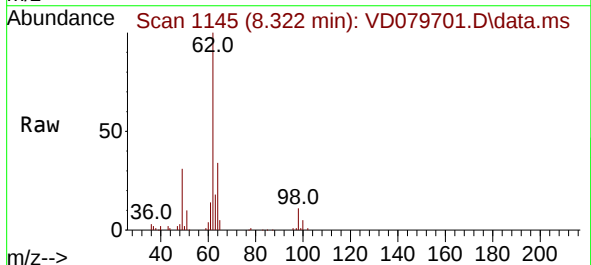
Instrument :
MSVOA_D
ClientSampleId :

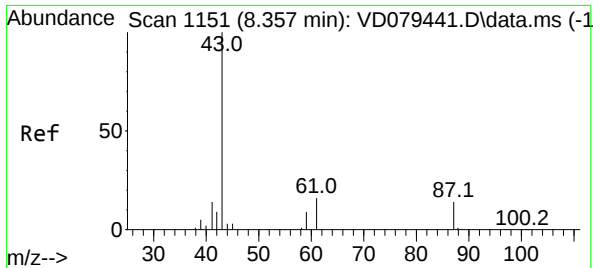
Tgt Ion:	41	Resp:	37232
Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.4	62.0
67	88.2	85.8	128.6
52	32.0	30.4	45.6



#42
1,2-Dichloroethane
Concen: 39.310 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion:	62	Resp:	112879
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	25.8

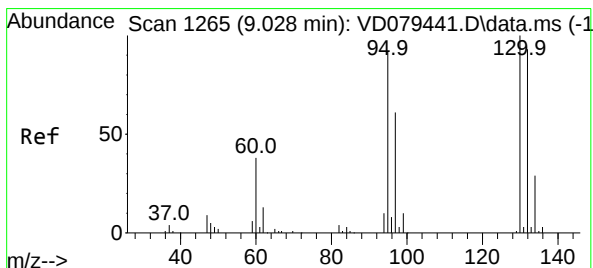
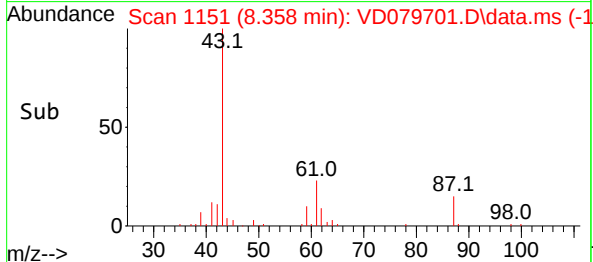
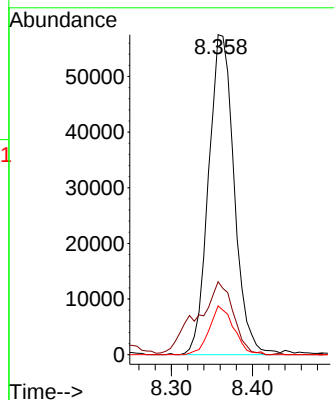
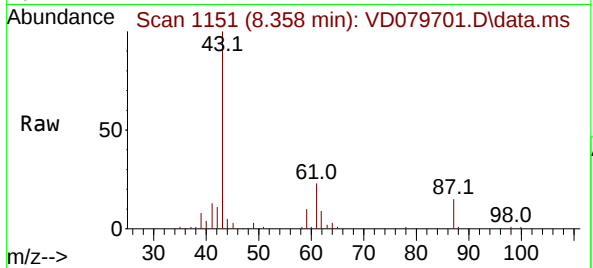




#43
Isopropyl Acetate
Concen: 43.140 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

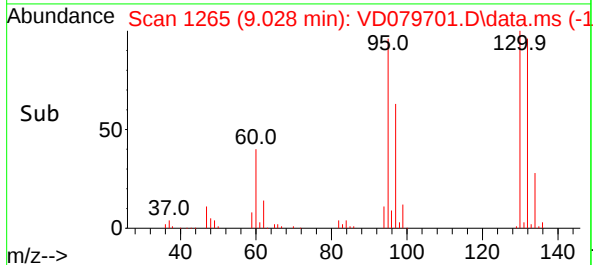
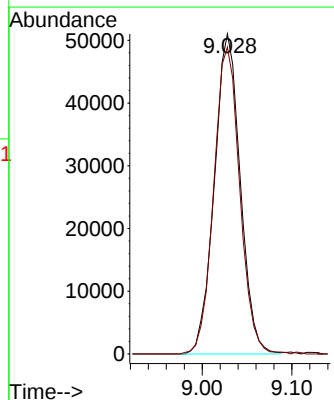
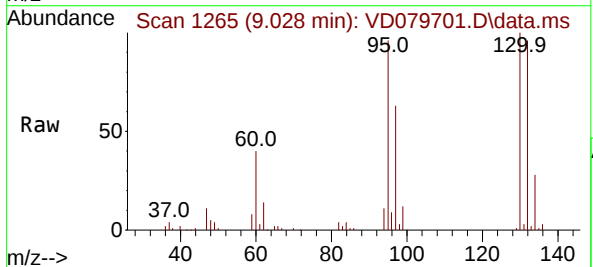
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 126119
Ion Ratio Lower Upper
43 100
61 32.3 29.3 43.9
87 14.6 14.9 22.3#



#44
Trichloroethene
Concen: 34.065 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion:130 Resp: 102185
Ion Ratio Lower Upper
130 100
95 95.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 39.849 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

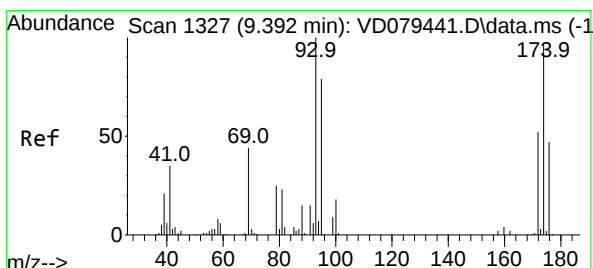
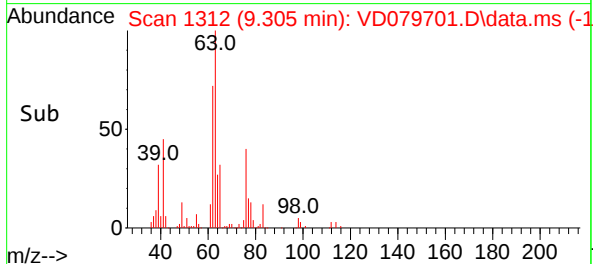
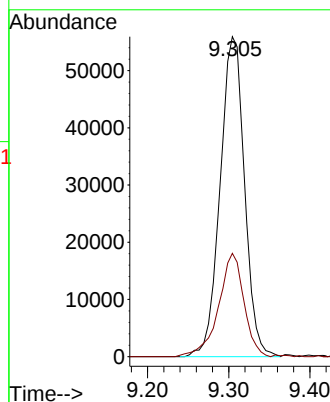
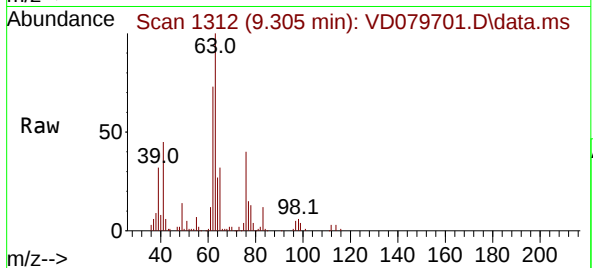
ClientSampleId :

Tgt Ion: 63 Resp: 116857

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.8



#46

Dibromomethane

Concen: 38.570 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

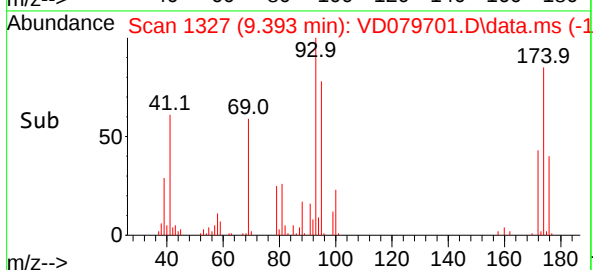
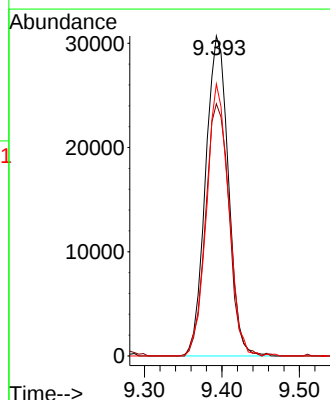
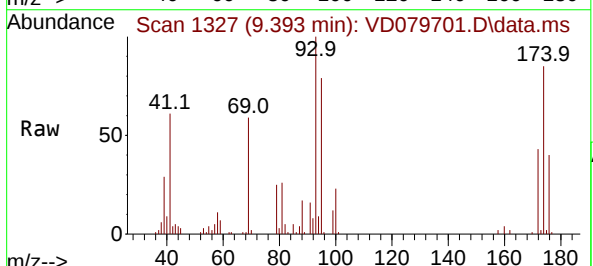
Tgt Ion: 93 Resp: 62704

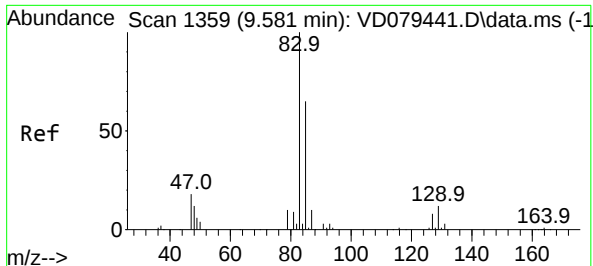
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

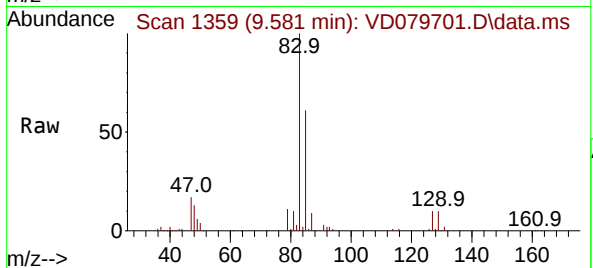
174 82.7 82.3 123.5



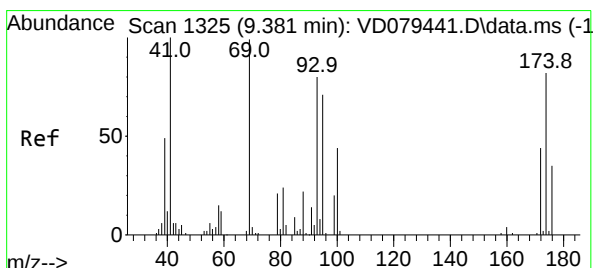
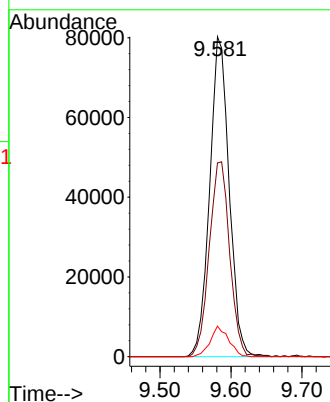
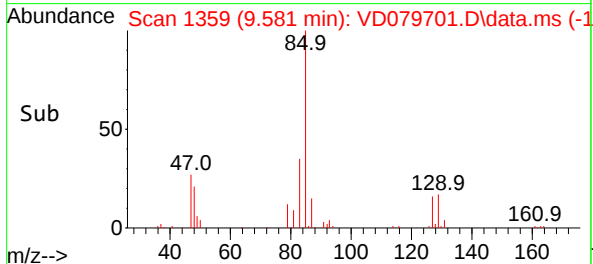


#47
Bromodichloromethane
Concen: 38.335 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :

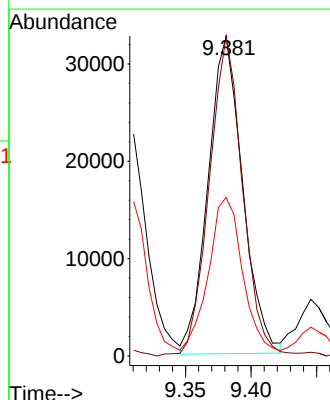
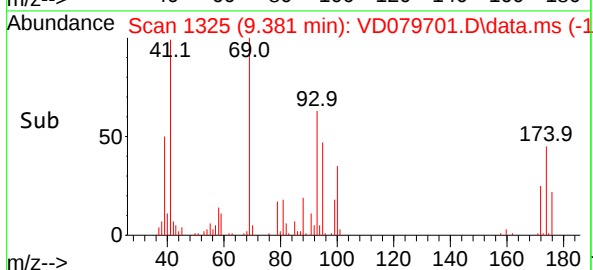
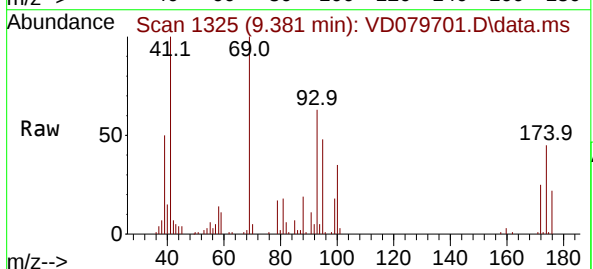


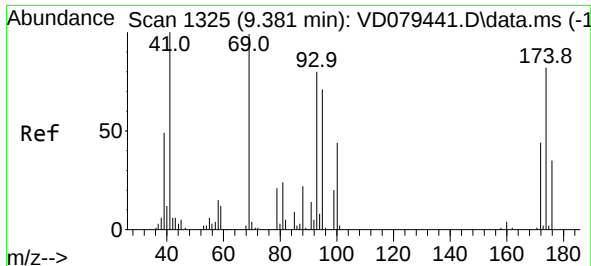
Tgt Ion: 83 Resp: 153027
Ion Ratio Lower Upper
83 100
85 60.6 50.1 75.1
127 9.5 6.8 10.2



#48
Methyl methacrylate
Concen: 45.577 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 41 Resp: 59630
Ion Ratio Lower Upper
41 100
69 97.1 96.7 145.1
39 47.6 43.8 65.6





#49

1,4-Dioxane

Concen: 794.340 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

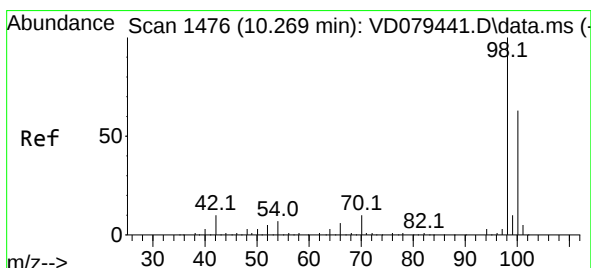
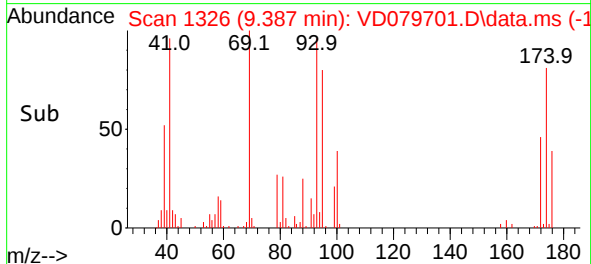
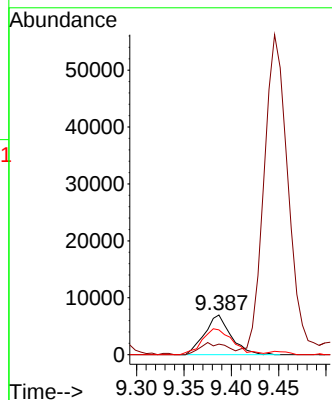
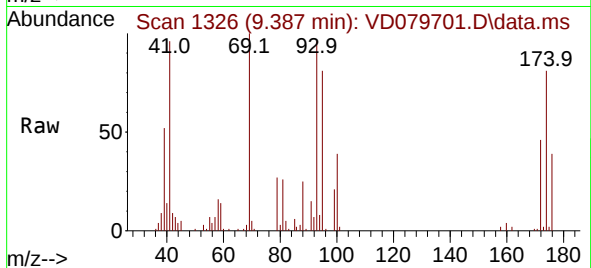
Tgt Ion: 88 Resp: 13381

Ion Ratio Lower Upper

88 100

43 30.7 21.5 32.3

58 75.7 42.2 63.4#



#50

Toluene-d8

Concen: 33.986 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079701.D

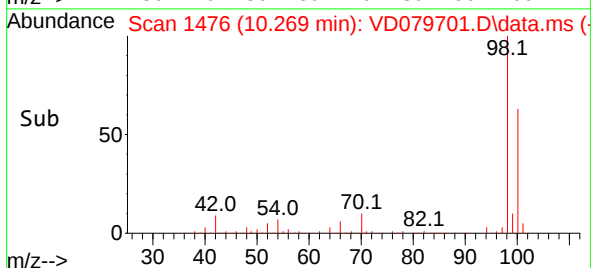
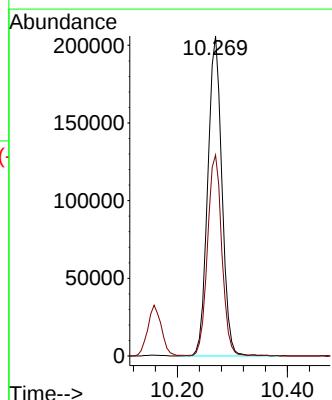
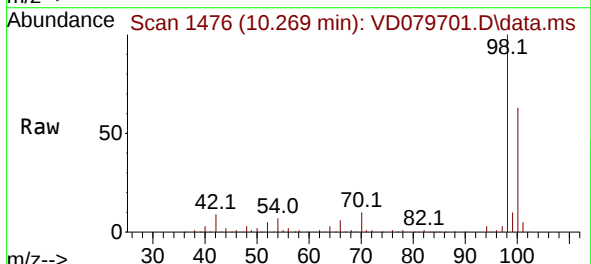
Acq: 09 Aug 2024 18:55

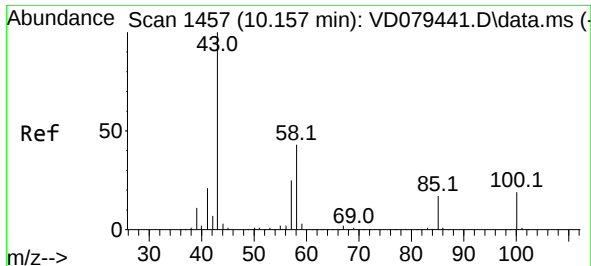
Tgt Ion: 98 Resp: 366856

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

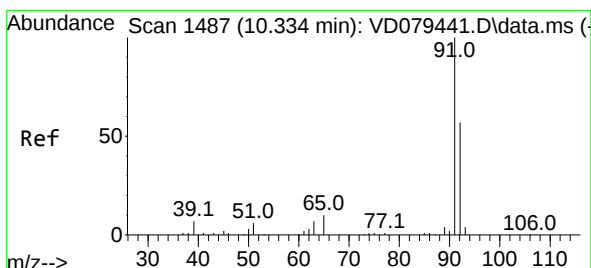
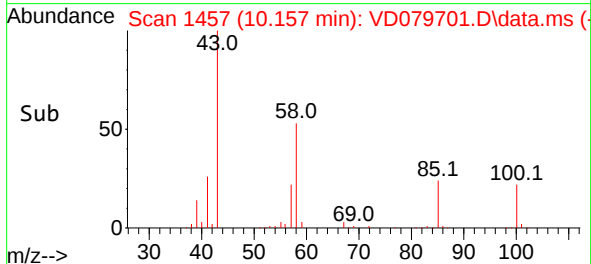
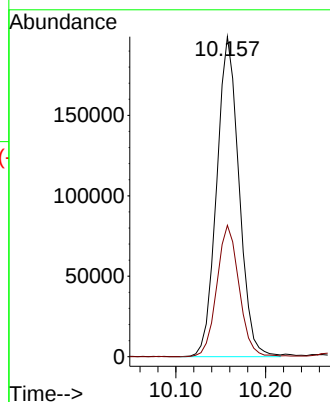
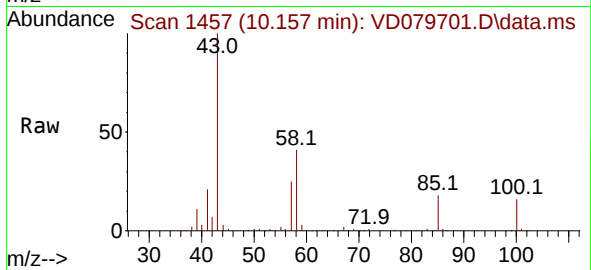




#51
4-Methyl-2-Pentanone
Concen: 230.559 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

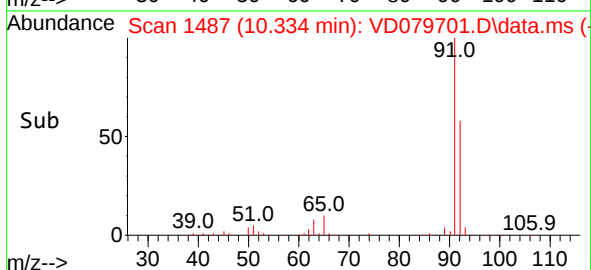
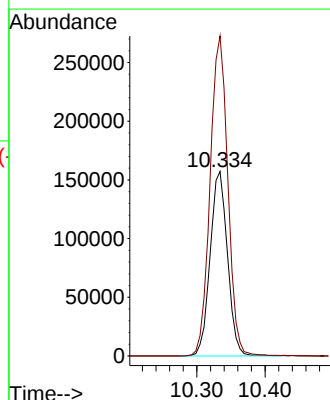
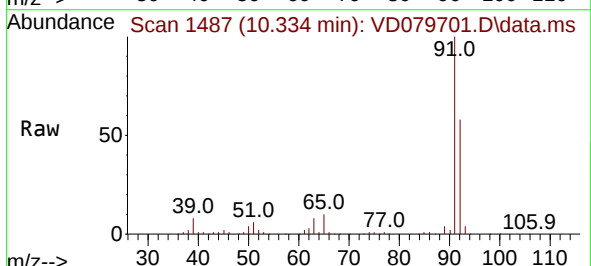
Instrument :
MSVOA_D
ClientSampleId :

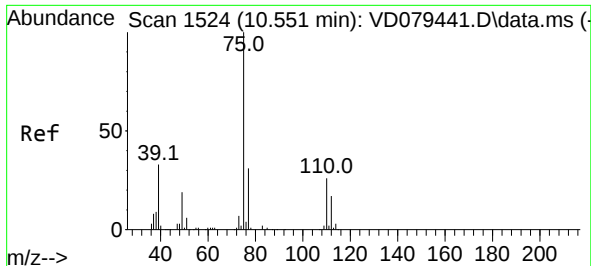
Tgt Ion: 43 Resp: 344128
Ion Ratio Lower Upper
43 100
58 41.0 36.6 55.0



#52
Toluene
Concen: 37.338 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 92 Resp: 278268
Ion Ratio Lower Upper
92 100
91 177.4 141.7 212.5

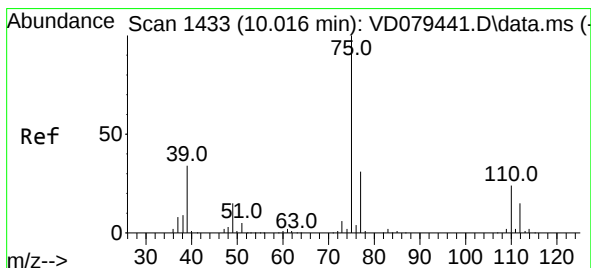
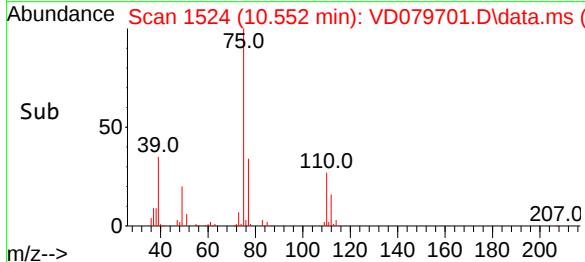
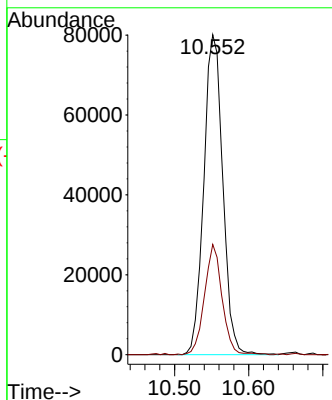
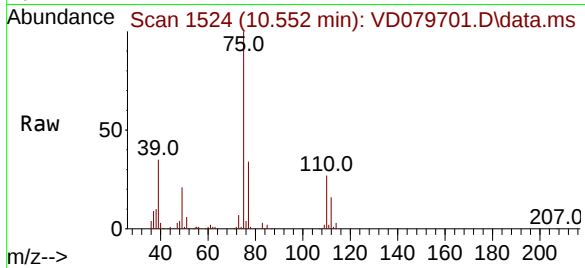




#53
 t-1,3-Dichloropropene
 Concen: 38.637 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

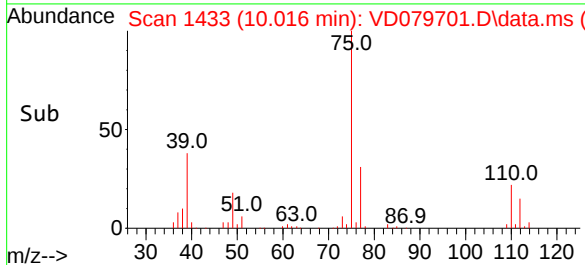
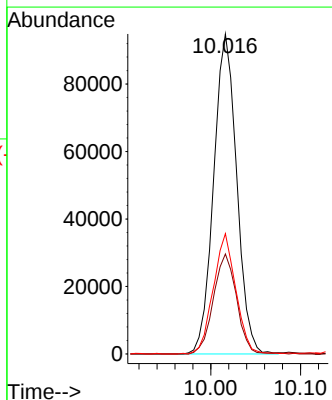
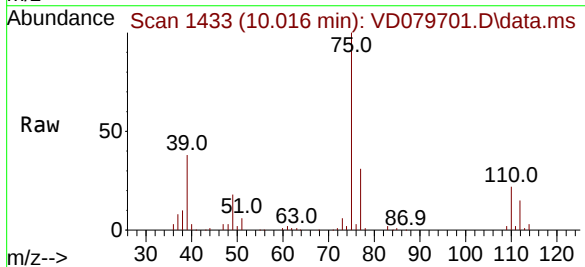
Instrument :
 MSVOA_D
 ClientSampleId :

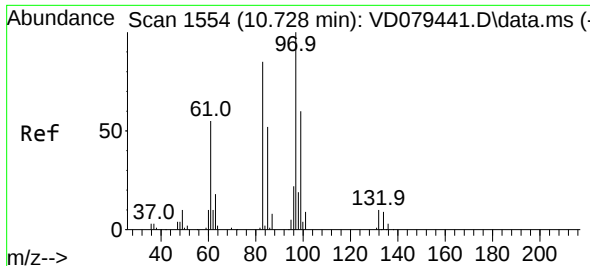
Tgt Ion: 75 Resp: 142430
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 38.137 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

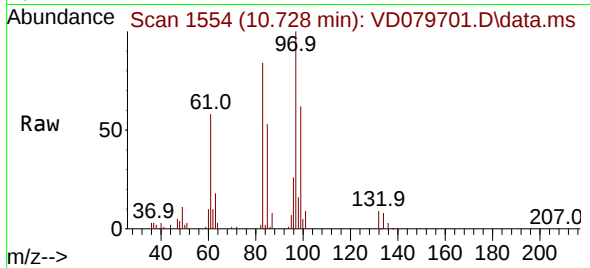
Tgt Ion: 75 Resp: 169105
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.4 36.6
 39 37.6 24.2 36.2#



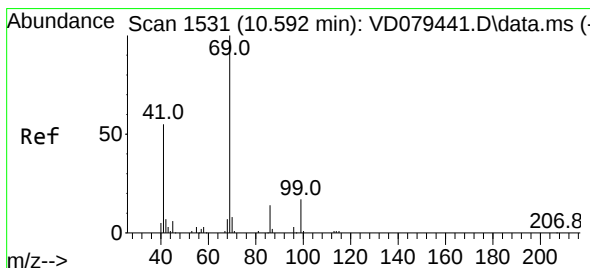
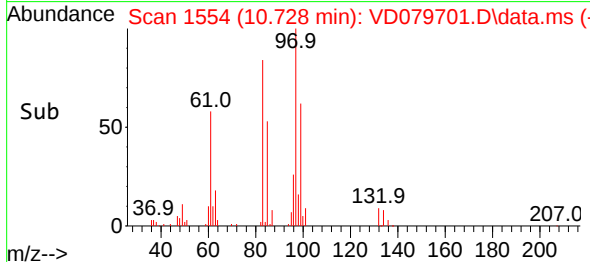
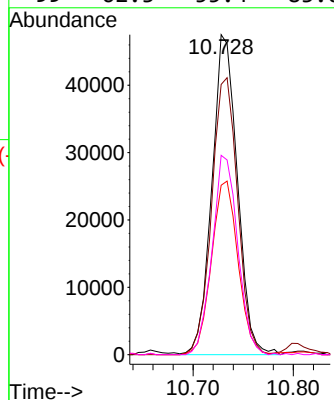


#55
1,1,2-Trichloroethane
Concen: 39.199 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :

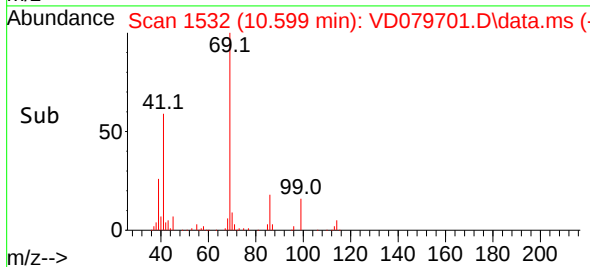
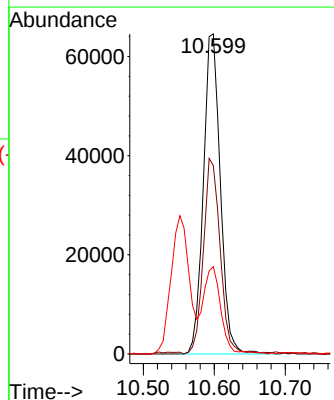
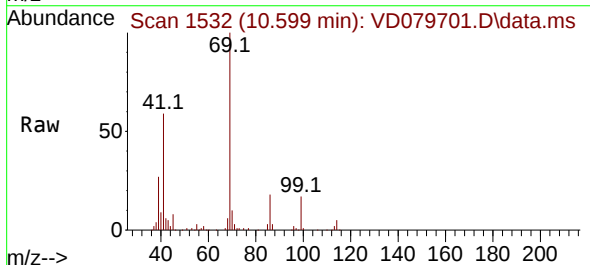


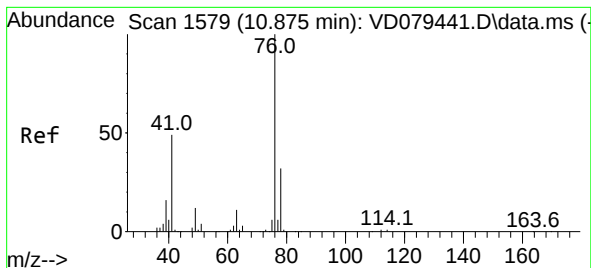
Tgt Ion:	97	Resp:	83947
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	53.0	43.8	65.8
99	62.3	55.4	83.0



#56
Ethyl methacrylate
Concen: 42.464 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion:	69	Resp:	107750
Ion	Ratio	Lower	Upper
69	100		
41	60.1	39.8	59.6#
39	28.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 40.781 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

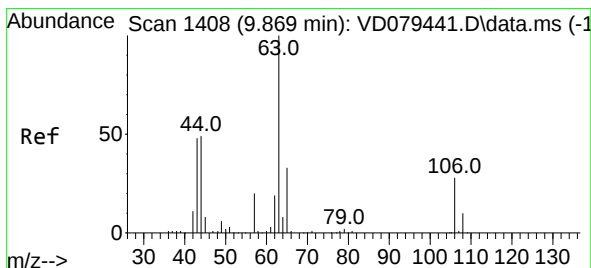
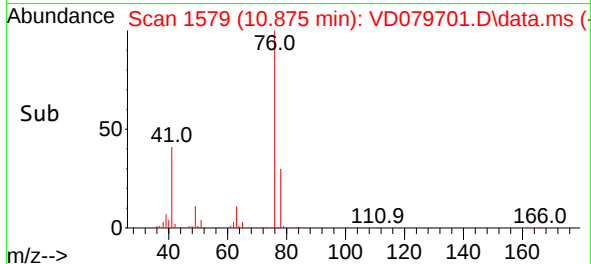
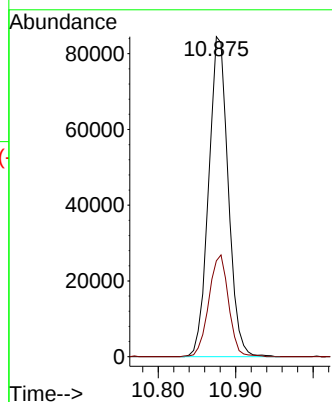
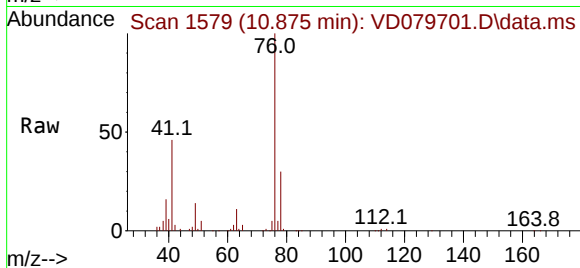
ClientSampleId :

Tgt Ion: 76 Resp: 148406

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 221.441 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079701.D

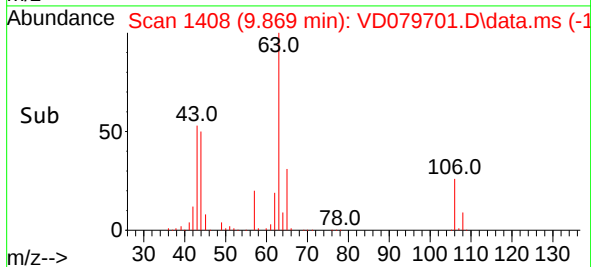
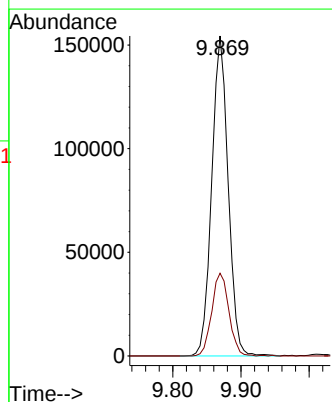
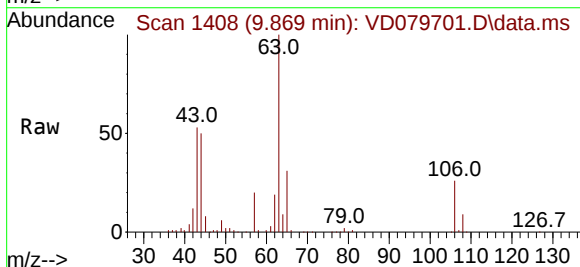
Acq: 09 Aug 2024 18:55

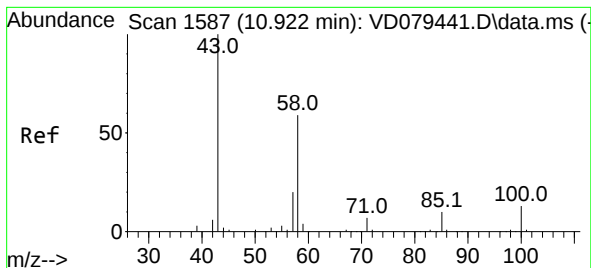
Tgt Ion: 63 Resp: 259133

Ion Ratio Lower Upper

63 100

106 26.9 26.4 39.6

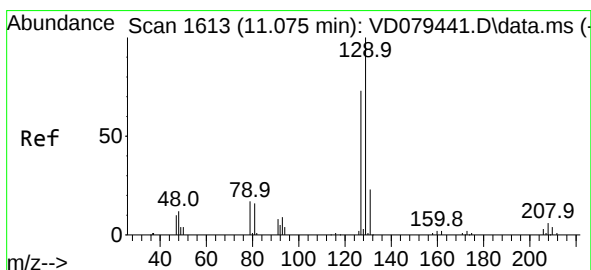
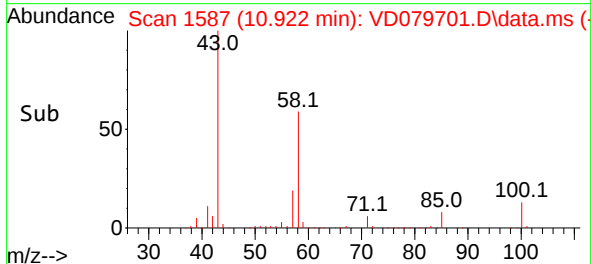
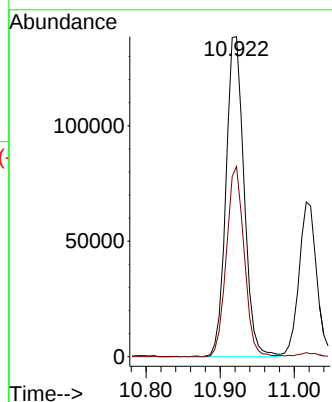
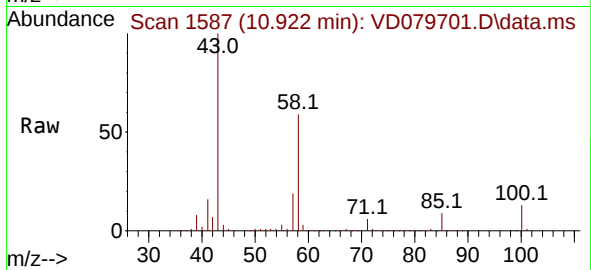




#59
2-Hexanone
Concen: 225.726 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

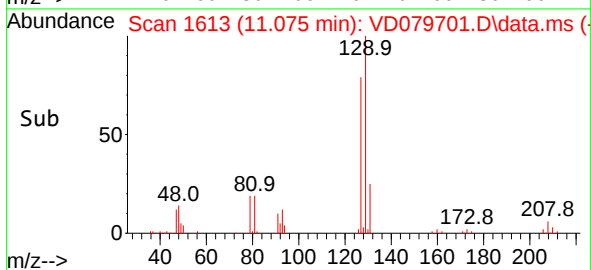
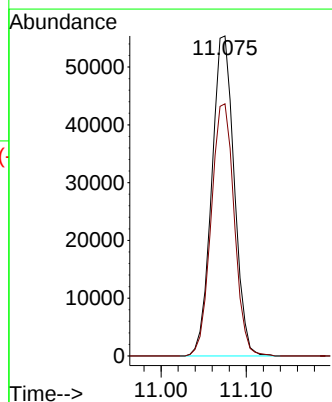
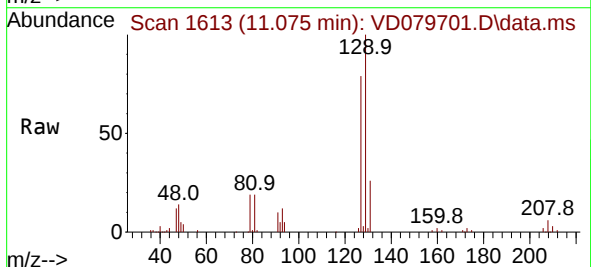
Instrument :
MSVOA_D
ClientSampleId :

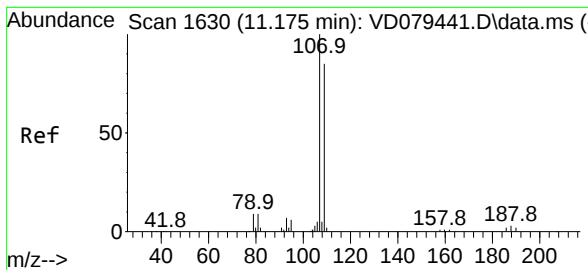
Tgt Ion: 43 Resp: 234972
Ion Ratio Lower Upper
43 100
58 58.4 31.1 93.5



#60
Dibromochloromethane
Concen: 36.241 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 129 Resp: 101386
Ion Ratio Lower Upper
129 100
127 80.7 38.0 113.9

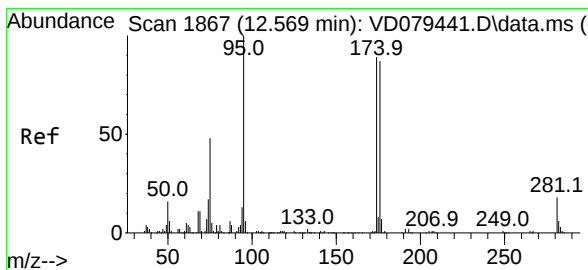
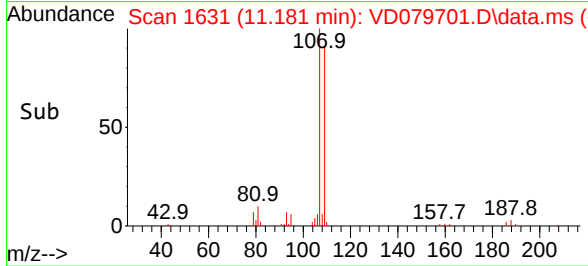
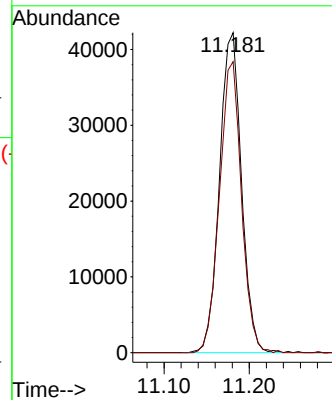
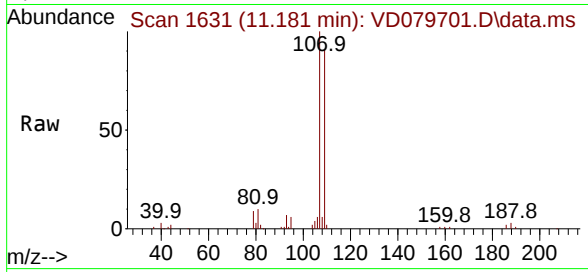




#61
1,2-Dibromoethane
Concen: 37.752 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

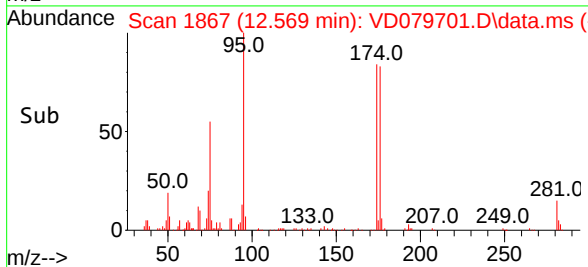
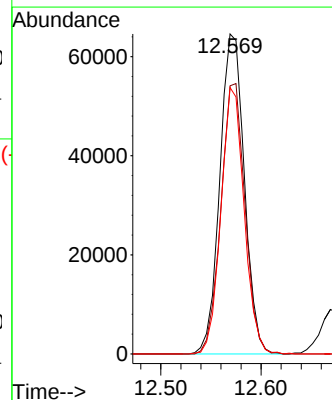
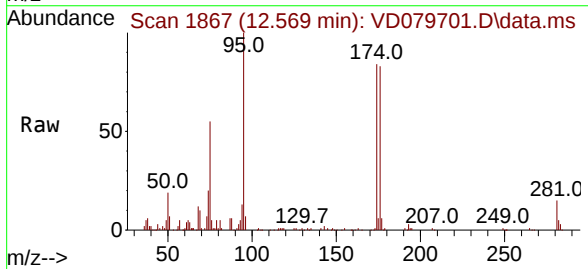
Instrument :
MSVOA_D
ClientSampleId :

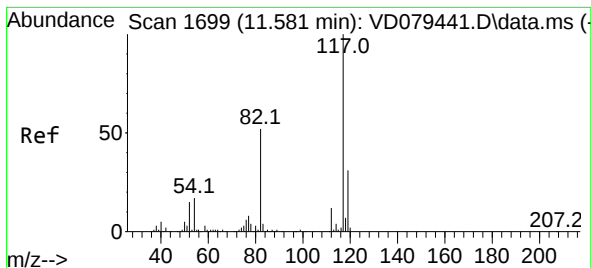
Tgt Ion:107 Resp: 75741
Ion Ratio Lower Upper
107 100
109 91.0 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 35.062 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 95 Resp: 109524
Ion Ratio Lower Upper
95 100
174 83.1 0.0 195.4
176 78.8 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

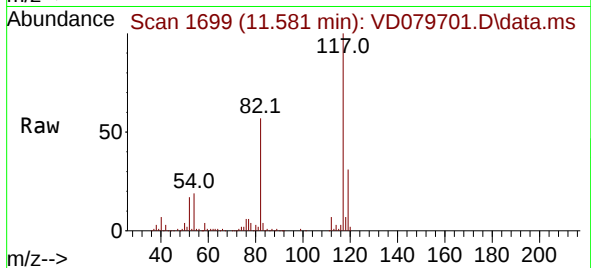
Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :



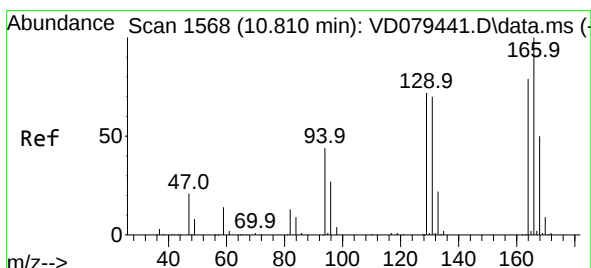
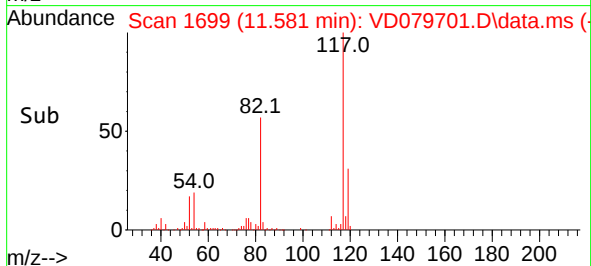
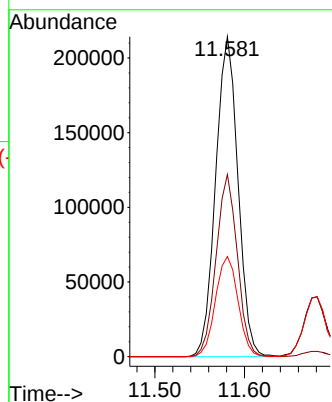
Tgt Ion:117 Resp: 370679

Ion Ratio Lower Upper

117 100

82 56.9 39.8 59.6

119 31.3 25.7 38.5



#64

Tetrachloroethene

Concen: 31.878 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion:164 Resp: 79680

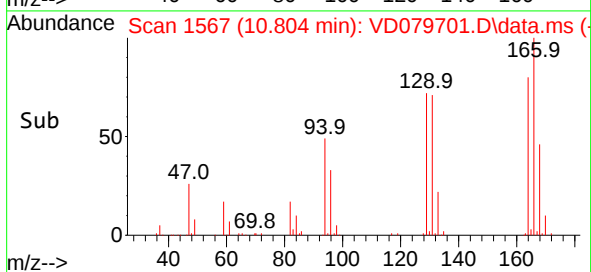
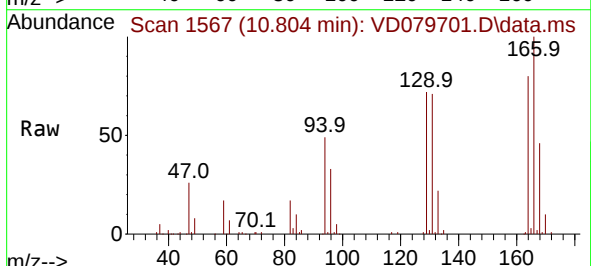
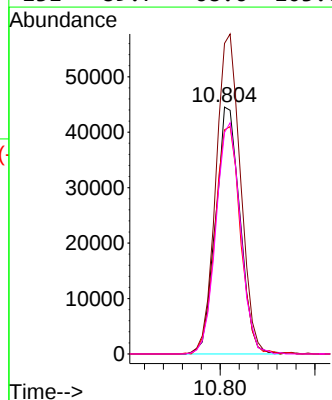
Ion Ratio Lower Upper

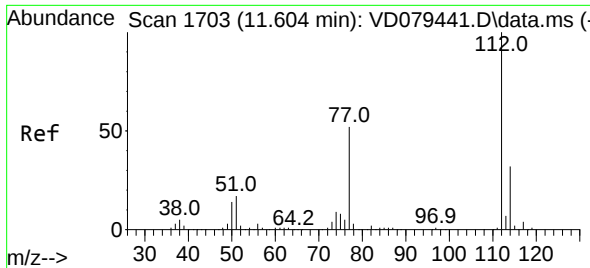
164 100

166 125.8 108.6 163.0

129 90.8 74.6 112.0

131 89.7 68.6 103.0

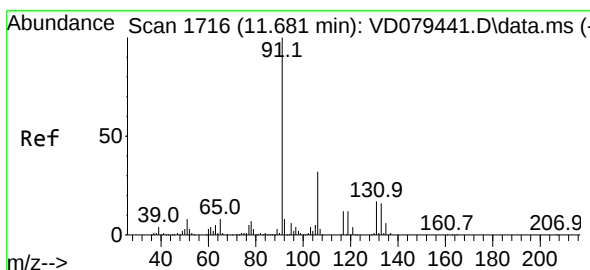
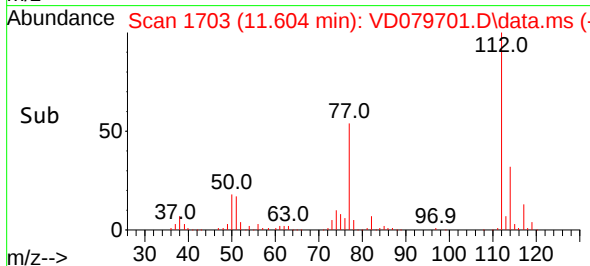
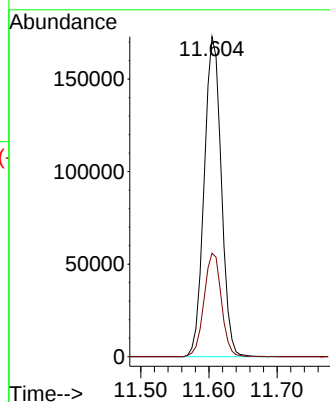
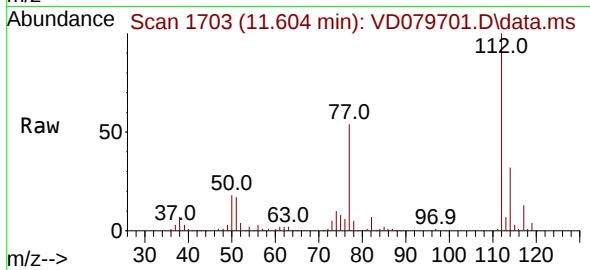




#65
Chlorobenzene
Concen: 36.753 ug/l
RT: 11.604 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

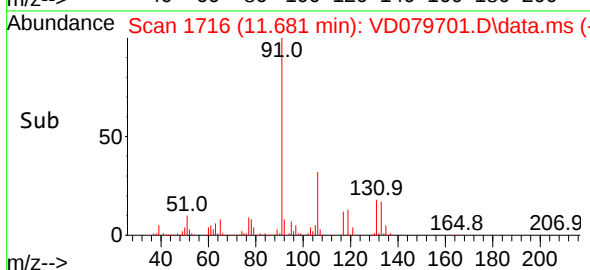
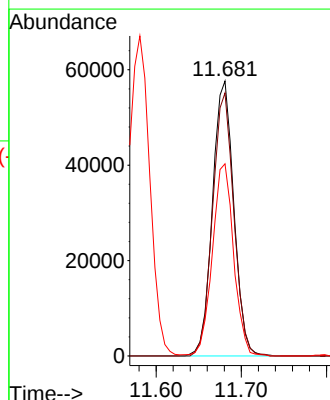
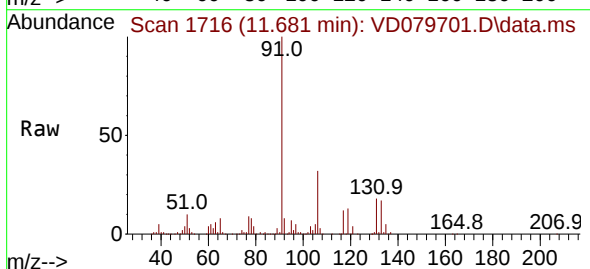
Instrument :
MSVOA_D
ClientSampleId :

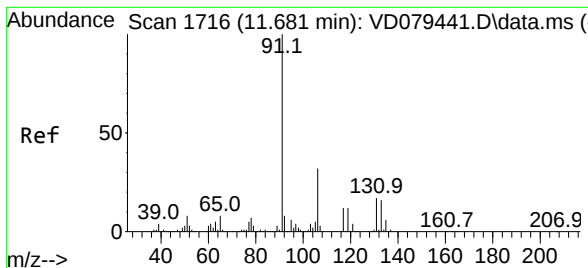
Tgt Ion:112 Resp: 301675
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 37.046 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion:131 Resp: 100048
Ion Ratio Lower Upper
131 100
133 95.1 49.2 147.6
119 69.8 33.4 100.2





#67

Ethyl Benzene

Concen: 38.155 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

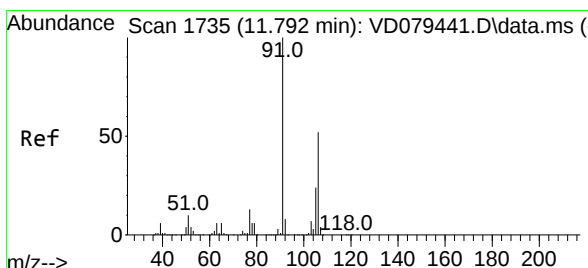
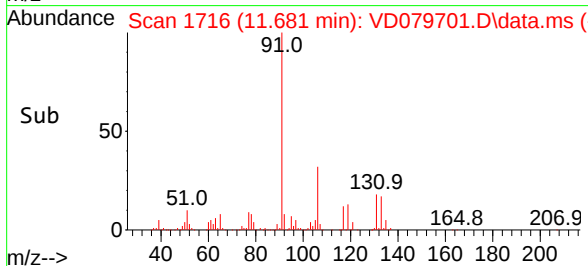
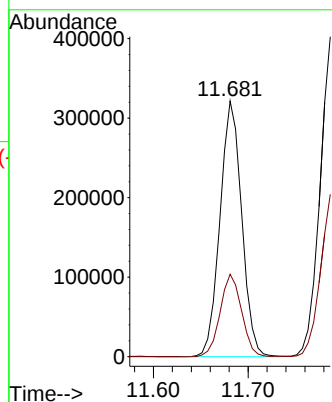
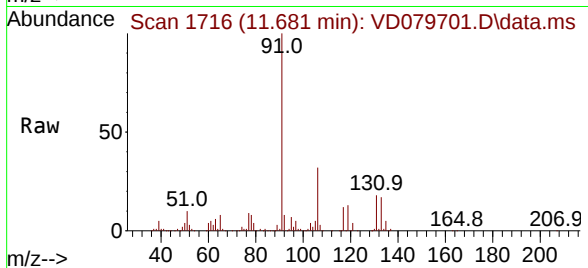
ClientSampleId :

Tgt Ion: 91 Resp: 512710

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.6



#68

m/p-Xylenes

Concen: 75.162 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079701.D

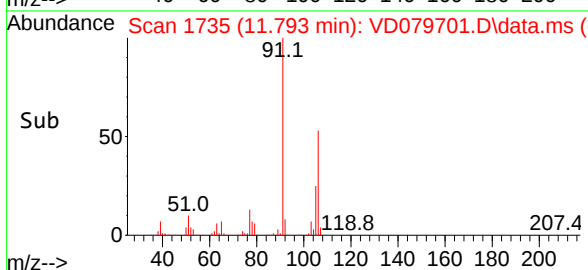
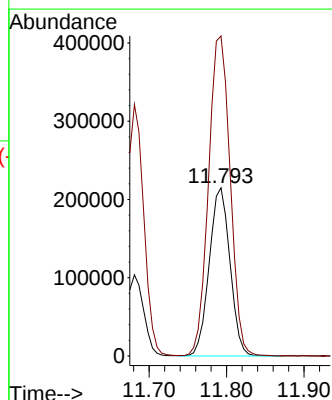
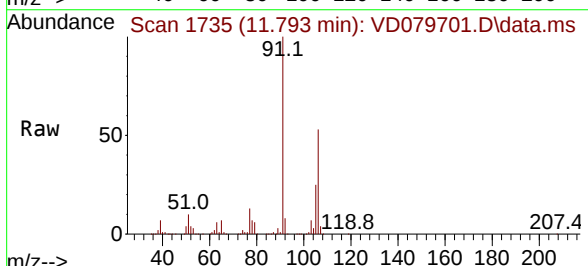
Acq: 09 Aug 2024 18:55

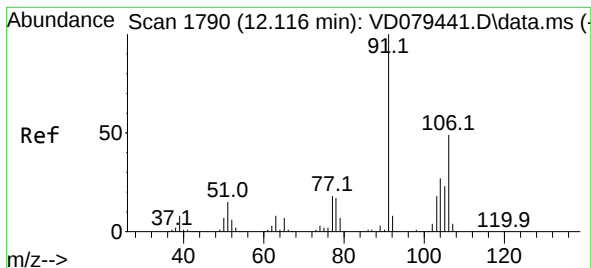
Tgt Ion:106 Resp: 400694

Ion Ratio Lower Upper

106 100

91 198.2 148.5 222.7

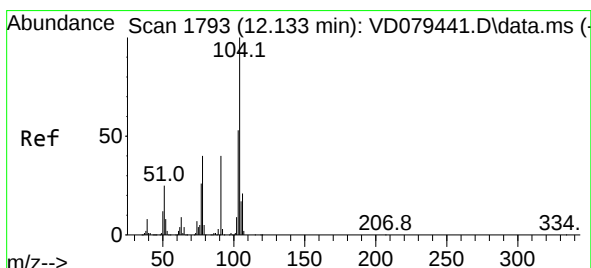
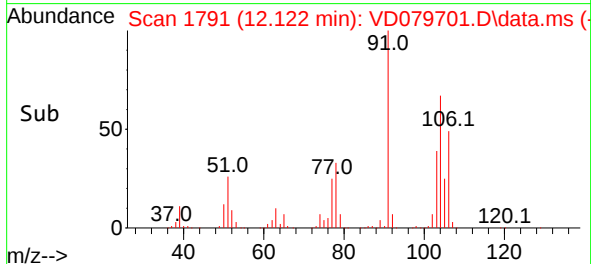
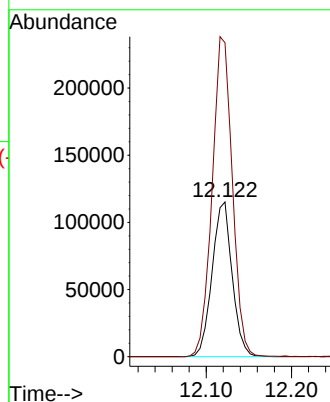
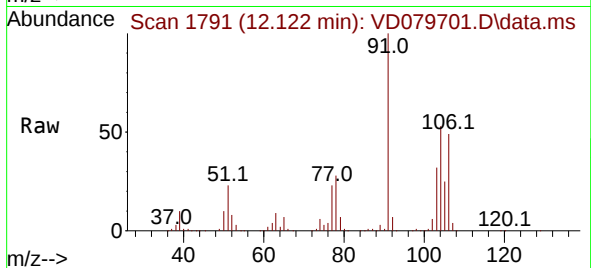




#69
o-Xylene
Concen: 38.460 ug/l
RT: 12.122 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

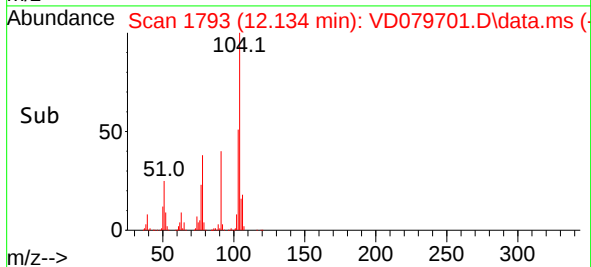
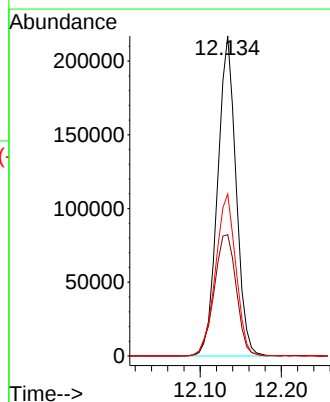
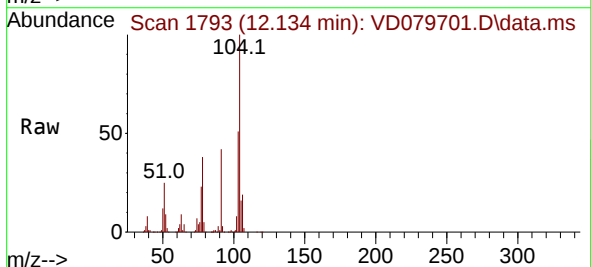
Instrument :
MSVOA_D
ClientSampleId :

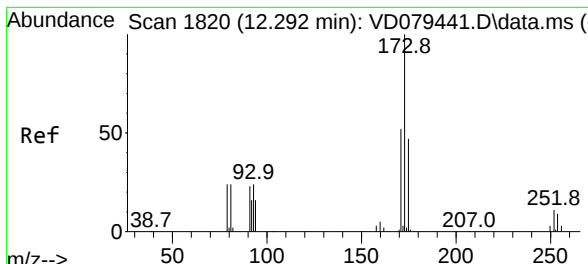
Tgt Ion:106 Resp: 187936
Ion Ratio Lower Upper
106 100
91 208.6 96.7 290.1



#70
Styrene
Concen: 40.050 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion:104 Resp: 343104
Ion Ratio Lower Upper
104 100
78 45.4 33.0 49.6
103 56.0 44.2 66.4

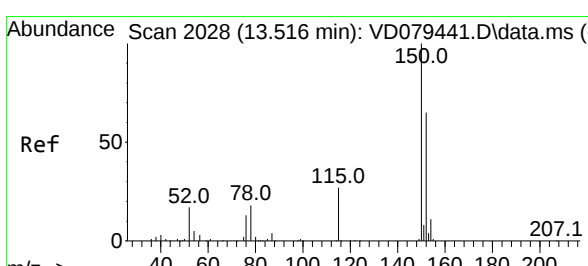
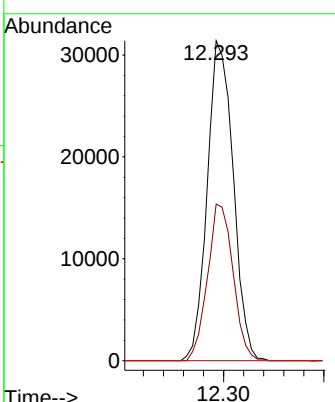
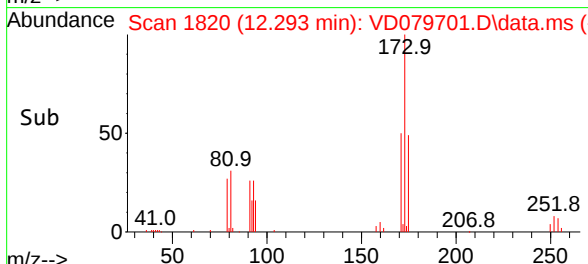
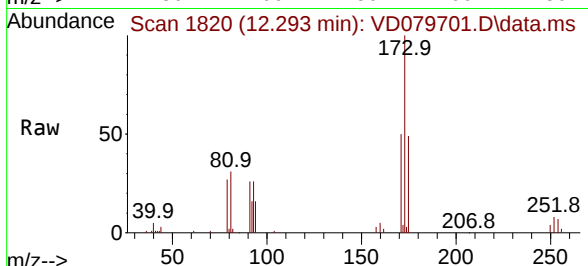




#71
 Bromoform
 Concen: 36.985 ug/l
 RT: 12.293 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

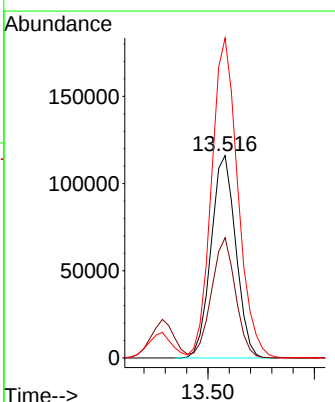
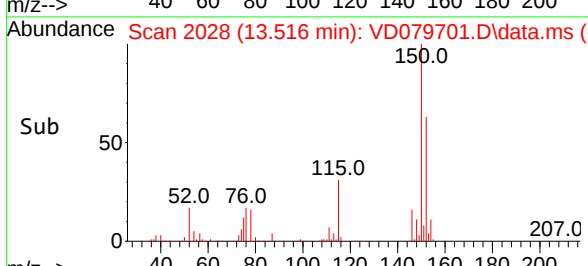
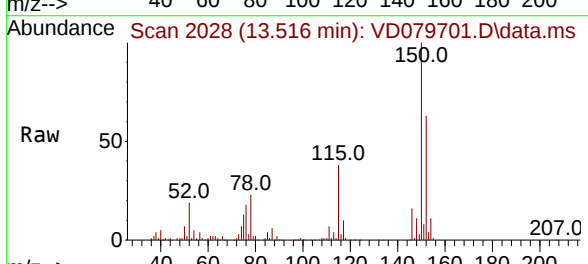
Instrument : MSVOA_D
 ClientSampleId :

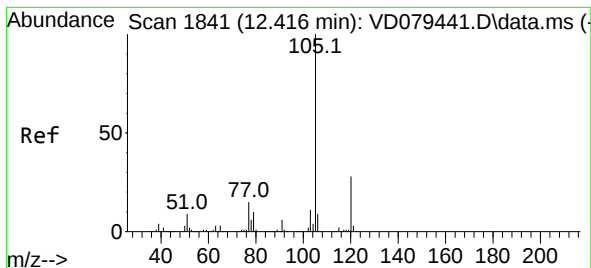
Tgt Ion:	173	Resp:	56466
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.7	71.1
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Tgt Ion:	152	Resp:	187135
Ion Ratio	Lower	Upper	
152	100		
115	57.8	26.5	79.5
150	168.2	0.0	341.6





#73

Isopropylbenzene

Concen: 35.453 ug/l

RT: 12.416 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

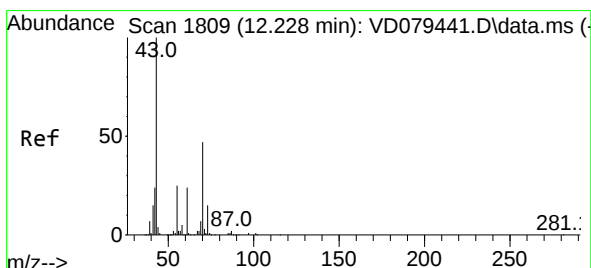
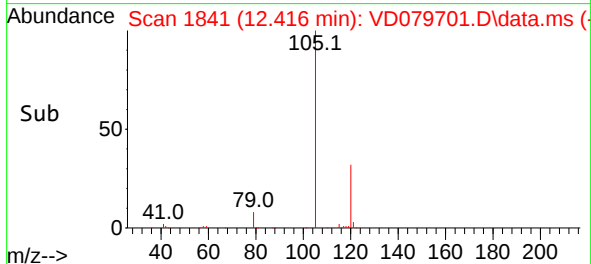
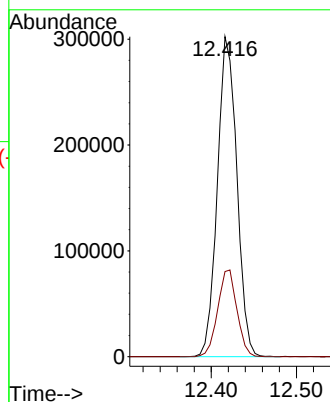
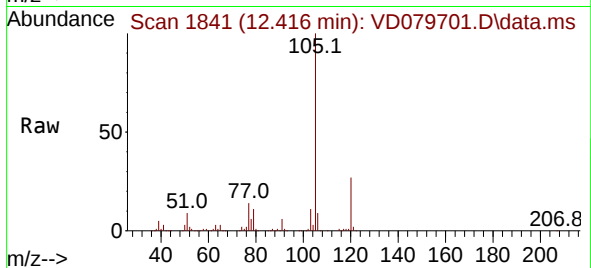
ClientSampleId :

Tgt Ion:105 Resp: 480953

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 45.272 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 124608

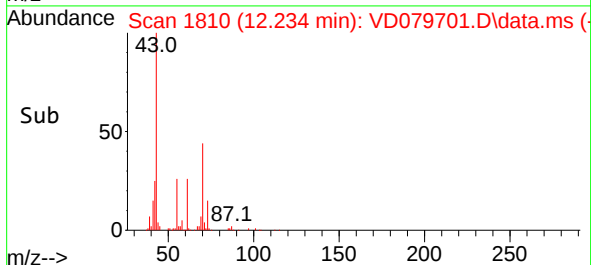
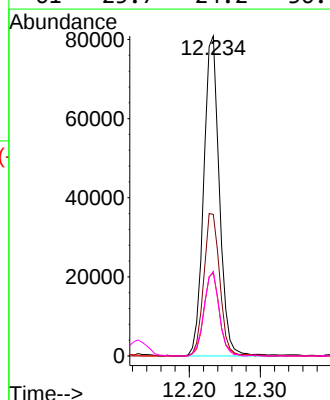
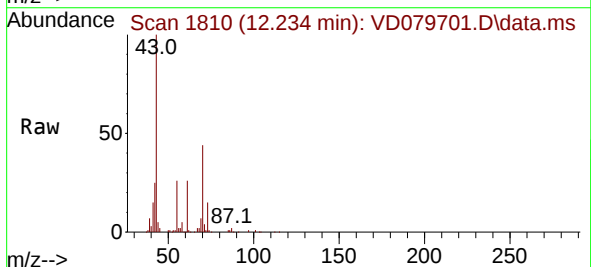
Ion Ratio Lower Upper

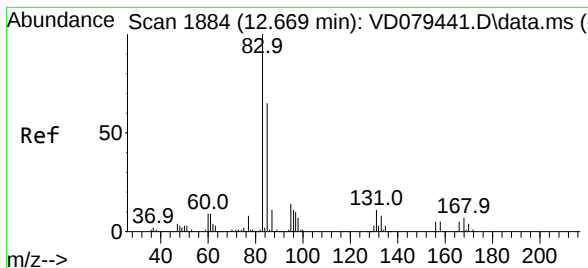
43 100

70 45.4 44.3 66.5

55 25.8 23.2 34.8

61 25.7 24.2 36.4

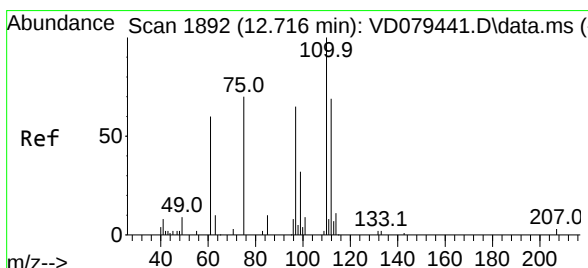
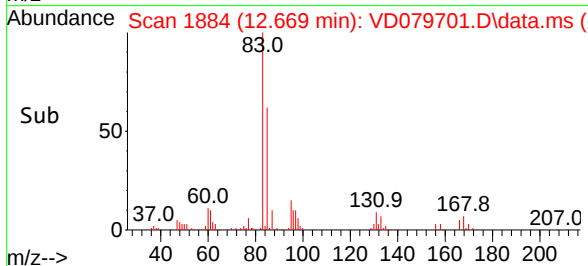
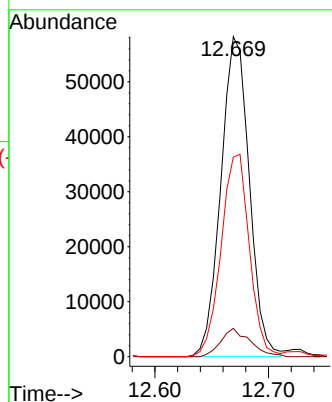
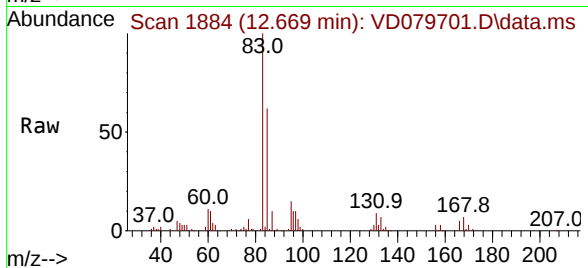




#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.586 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

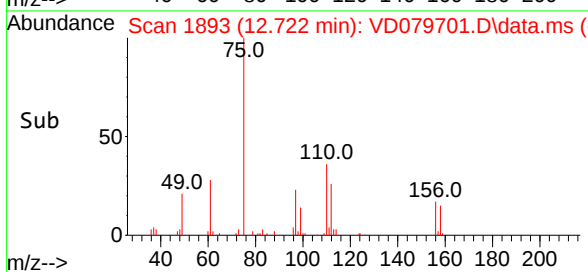
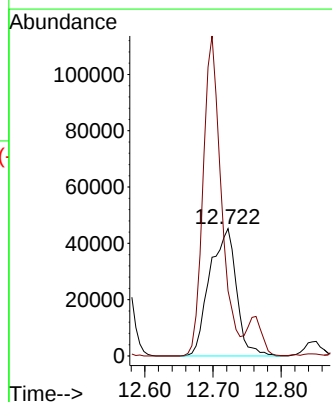
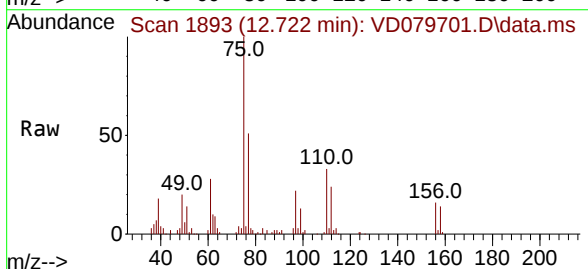
Instrument :
 MSVOA_D
 ClientSampleId :

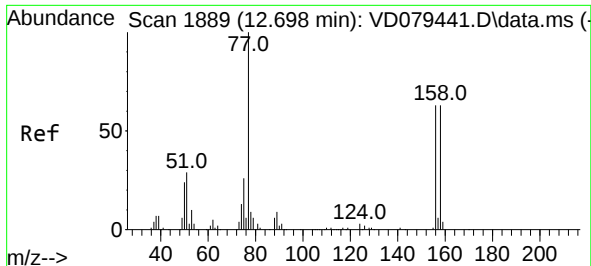
Tgt Ion: 83 Resp: 101099
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.5 16.5
 85 62.9 33.8 101.3



#76
 1,2,3-Trichloropropane
 Concen: 75.620 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Tgt Ion: 75 Resp: 123695
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

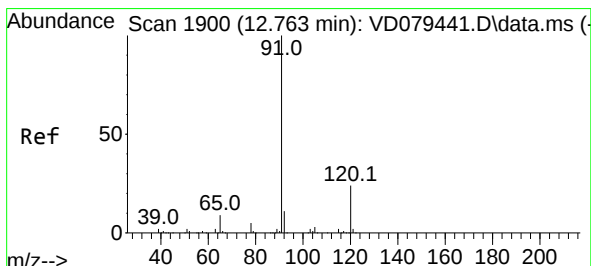
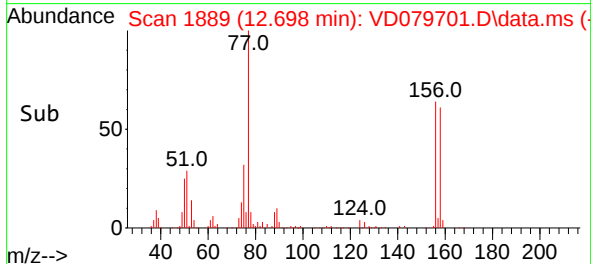
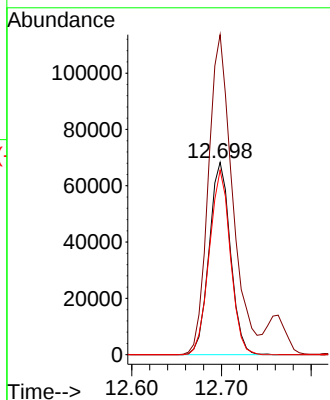
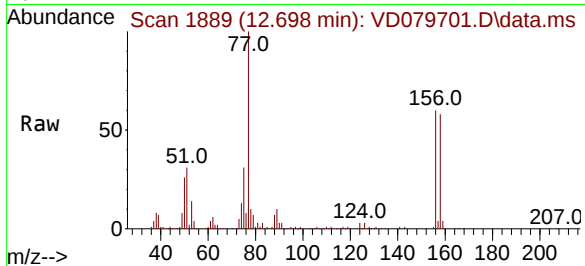




#77
Bromobenzene
Concen: 35.819 ug/l
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

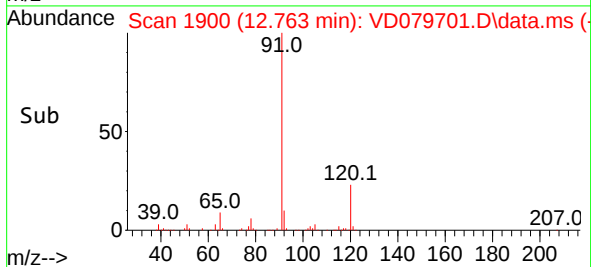
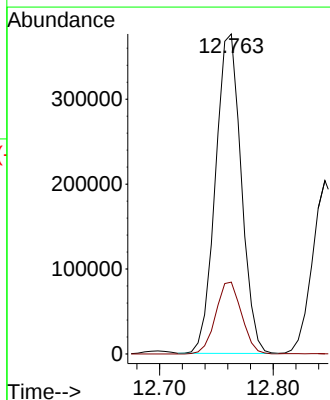
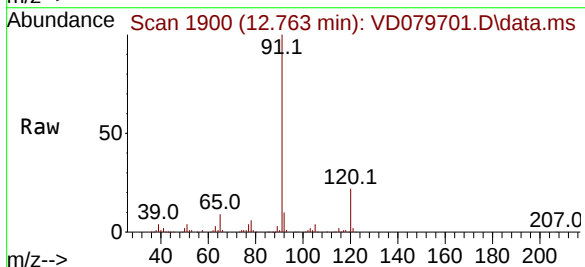
Instrument :
MSVOA_D
ClientSampleId :

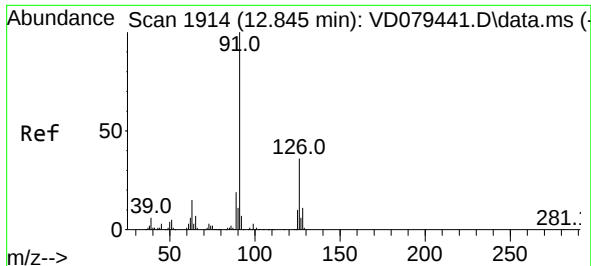
Tgt Ion:156 Resp: 112395
Ion Ratio Lower Upper
156 100
77 187.8 77.3 231.9
158 95.0 49.6 149.0



#78
n-propylbenzene
Concen: 37.928 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 91 Resp: 593293
Ion Ratio Lower Upper
91 100
120 22.5 12.3 36.8

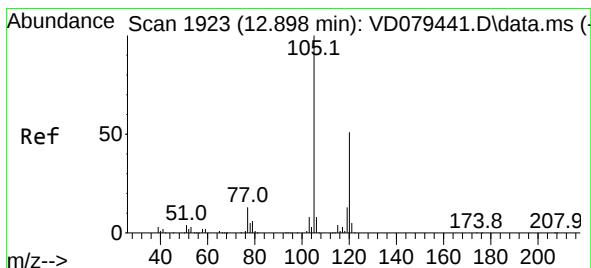
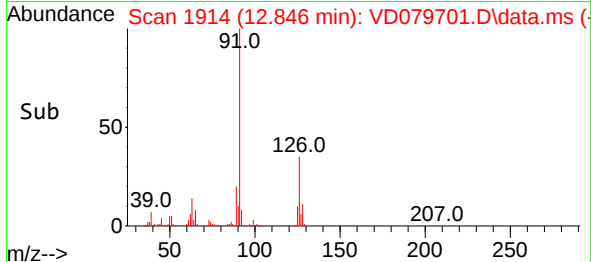
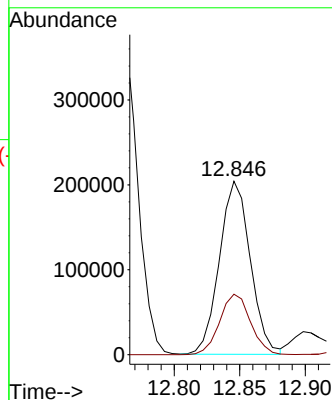
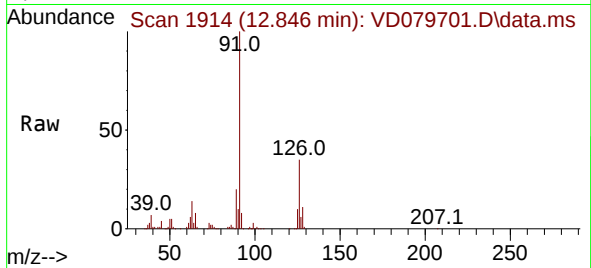




#79
2-Chlorotoluene
Concen: 38.469 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

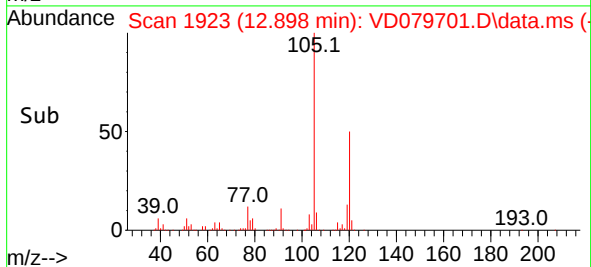
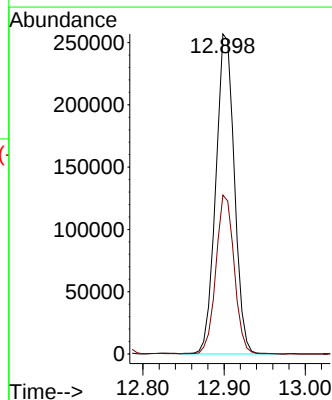
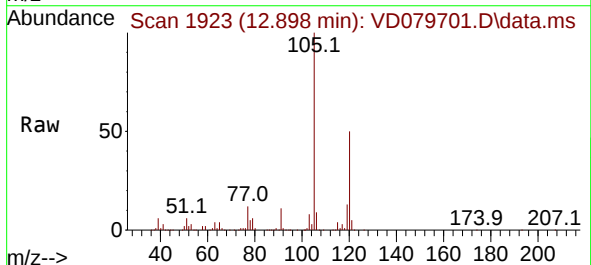
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 335073
Ion Ratio Lower Upper
91 100
126 34.8 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 39.156 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 105 Resp: 408176
Ion Ratio Lower Upper
105 100
120 48.9 25.7 77.1

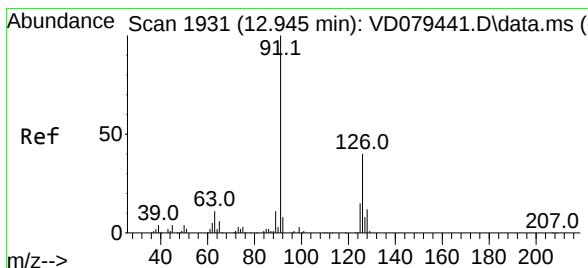
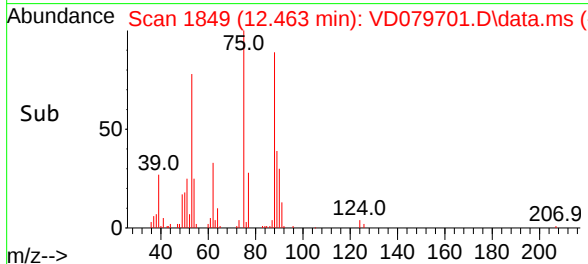
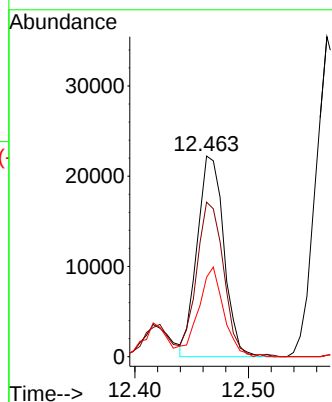
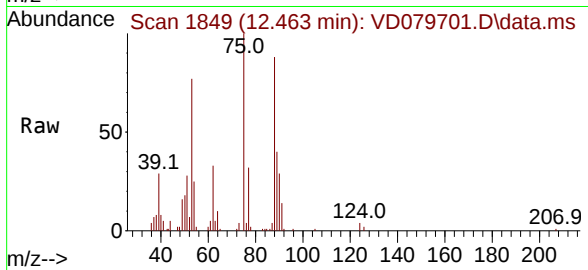




#81
trans-1,4-Dichloro-2-butene
Concen: 42.489 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

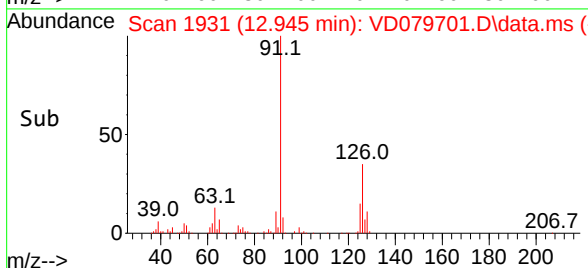
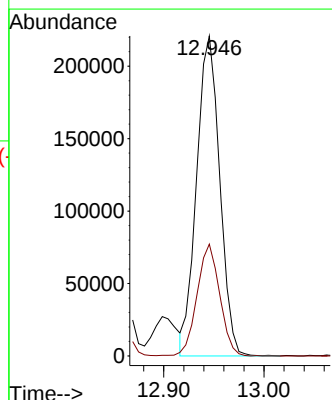
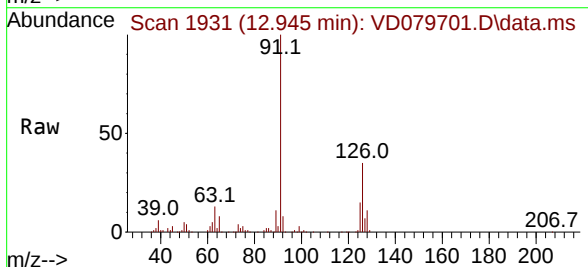
Instrument :
MSVOA_D
ClientSampleId :

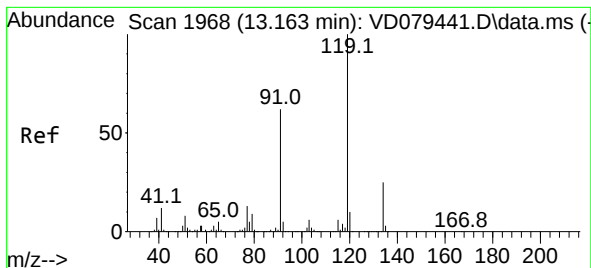
Tgt Ion: 75 Resp: 36440
Ion Ratio Lower Upper
75 100
53 77.9 61.4 92.2
89 42.9 35.4 53.0



#82
4-Chlorotoluene
Concen: 39.090 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 91 Resp: 354945
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9





#83

tert-Butylbenzene

Concen: 34.622 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

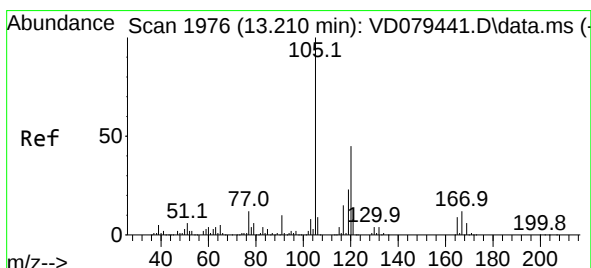
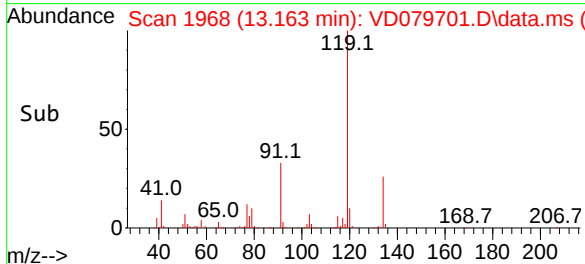
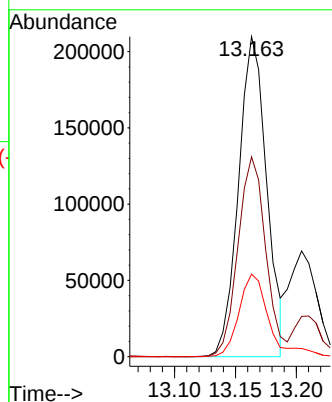
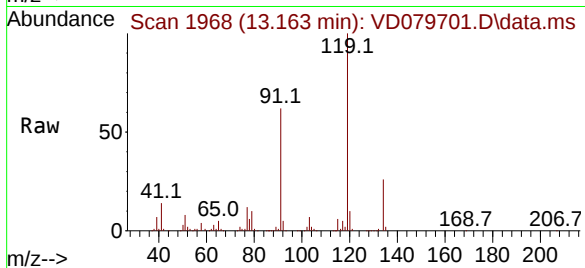
Tgt Ion:119 Resp: 337441

Ion Ratio Lower Upper

119 100

91 61.9 28.2 84.7

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 36.200 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079701.D

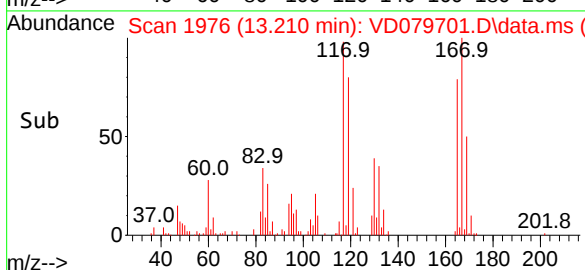
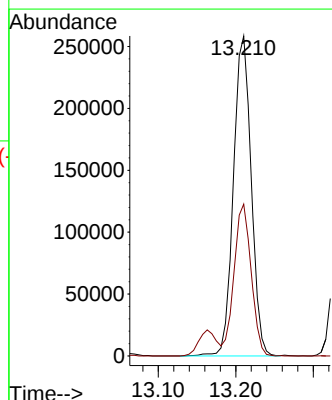
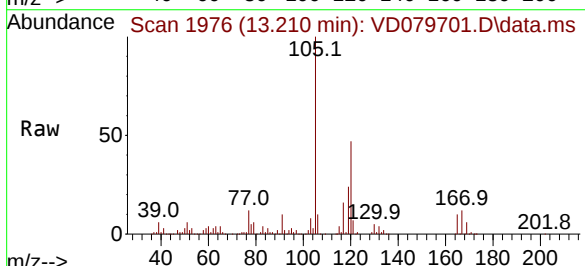
Acq: 09 Aug 2024 18:55

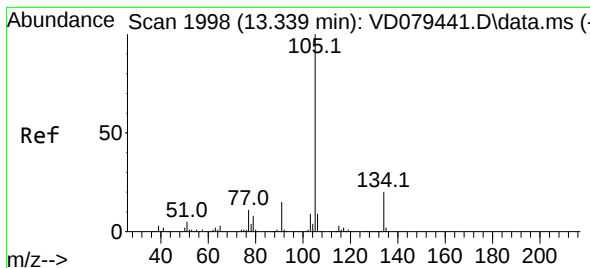
Tgt Ion:105 Resp: 412647

Ion Ratio Lower Upper

105 100

120 45.9 23.6 71.0





#85

sec-Butylbenzene

Concen: 37.587 ug/l

RT: 13.345 min Scan# 1998

Delta R.T. 0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

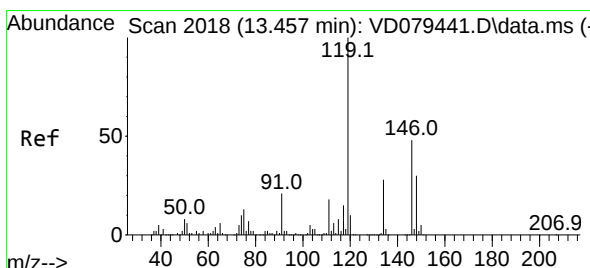
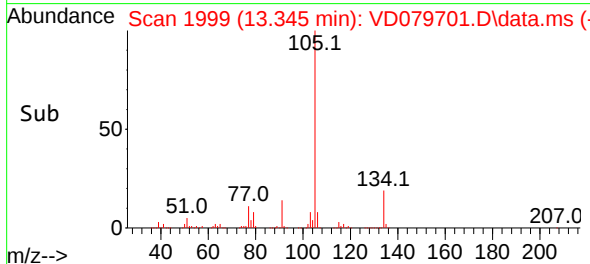
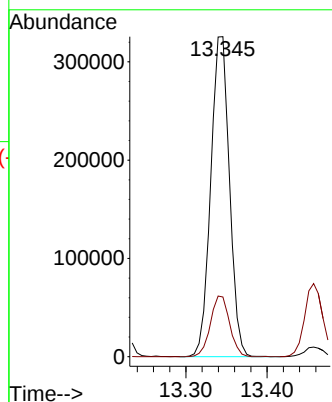
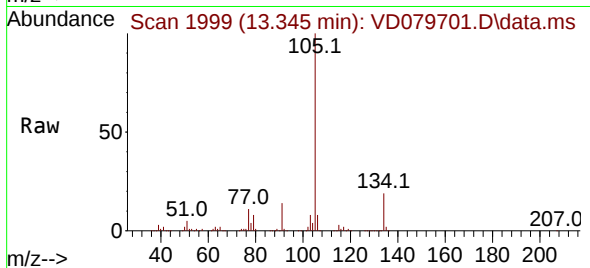
ClientSampleId :

Tgt Ion:105 Resp: 521148

Ion Ratio Lower Upper

105 100

134 19.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 34.385 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

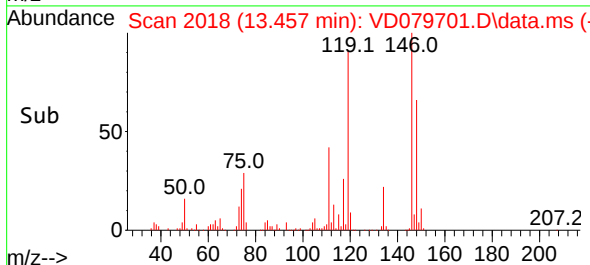
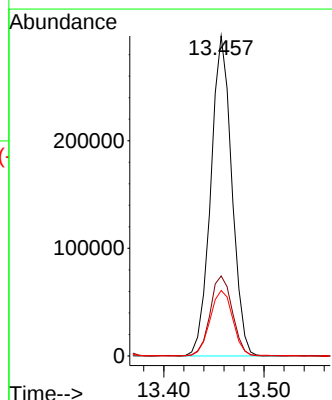
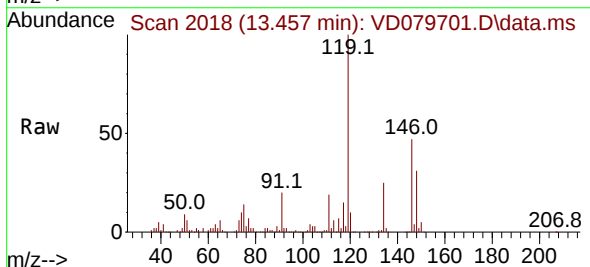
Tgt Ion:119 Resp: 433883

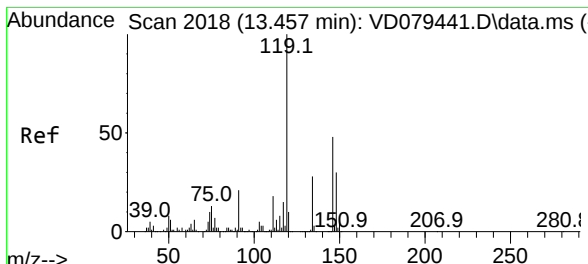
Ion Ratio Lower Upper

119 100

134 26.4 13.7 41.1

91 22.0 10.7 32.1

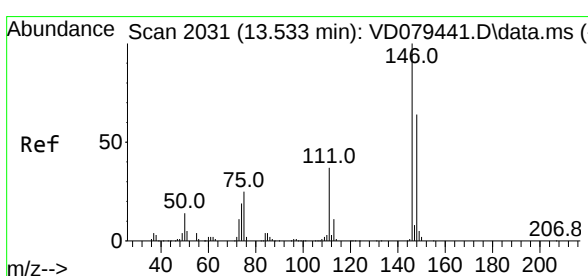
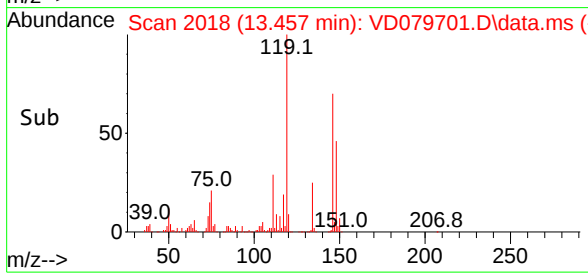
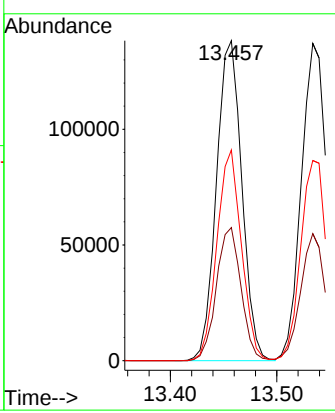
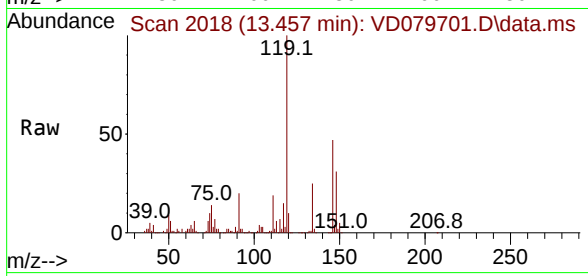




#87
 1,3-Dichlorobenzene
 Concen: 35.245 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

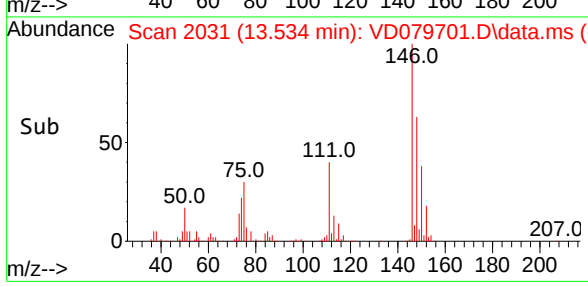
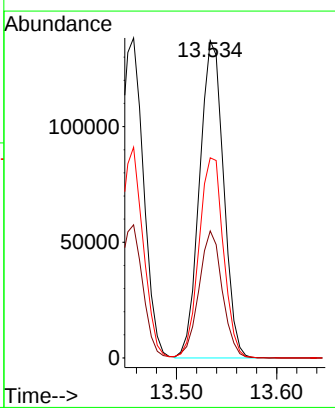
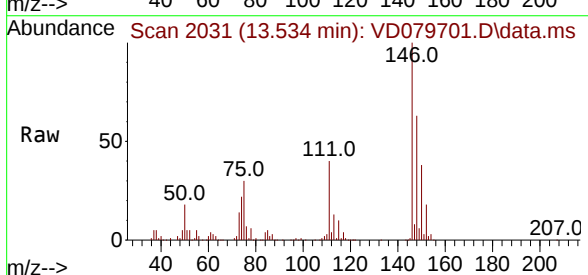
Instrument :
 MSVOA_D
 ClientSampleId :

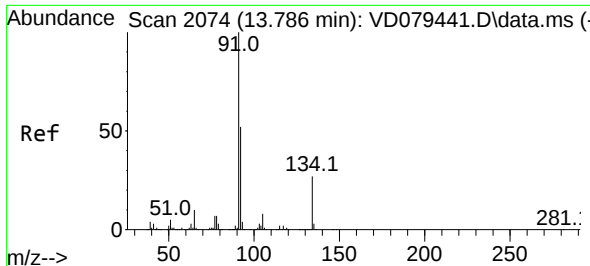
Tgt Ion:	146	Resp:	229083
Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.5	55.5
148	63.6	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 35.765 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

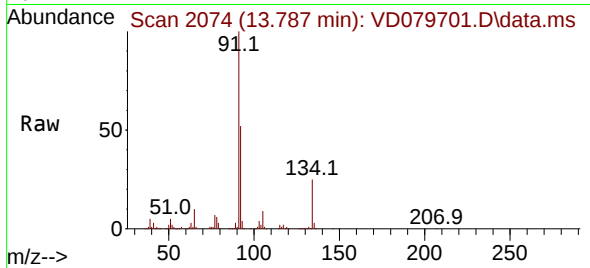
Tgt Ion:	146	Resp:	228546
Ion	Ratio	Lower	Upper
146	100		
111	39.2	17.5	52.6
148	64.3	31.4	94.2



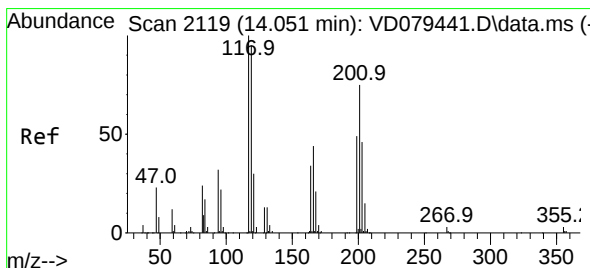
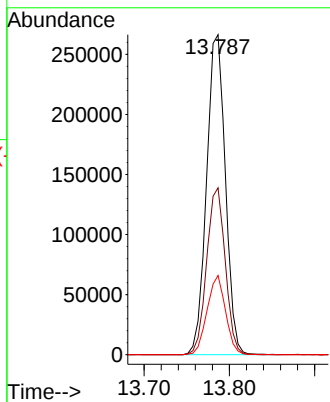
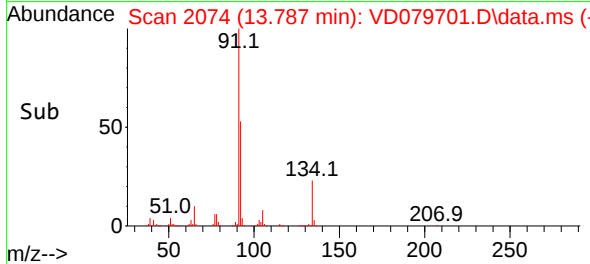


#89
n-Butylbenzene
Concen: 34.923 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :

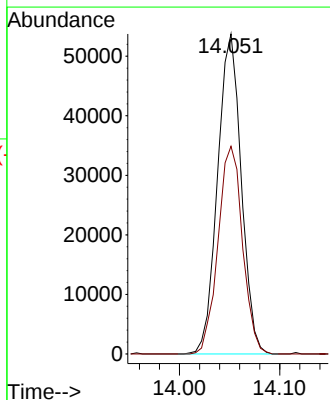
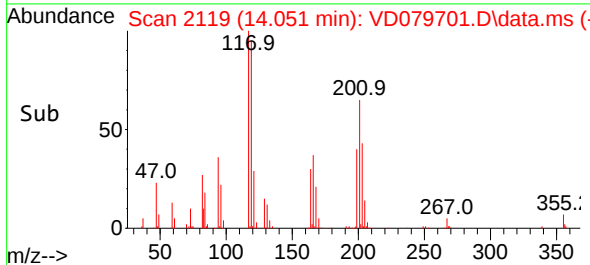
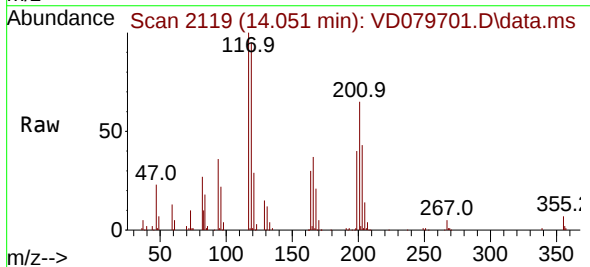


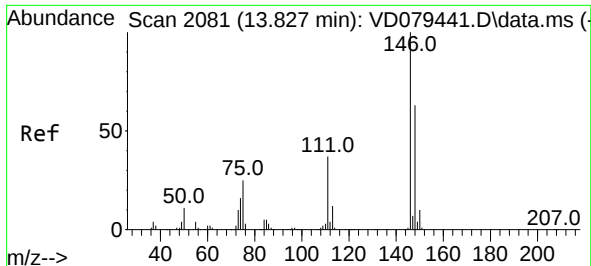
Tgt Ion: 91 Resp: 408153
Ion Ratio Lower Upper
91 100
92 51.7 25.7 77.0
134 24.3 13.6 40.8



#90
Hexachloroethane
Concen: 36.301 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079701.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 117 Resp: 88033
Ion Ratio Lower Upper
117 100
201 66.9 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 37.454 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

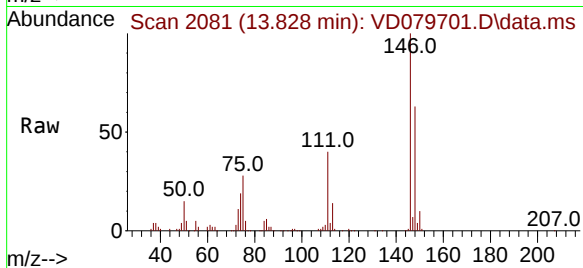
Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :



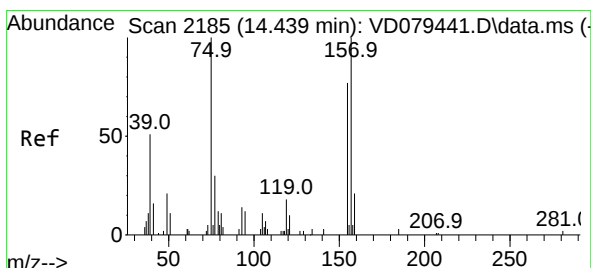
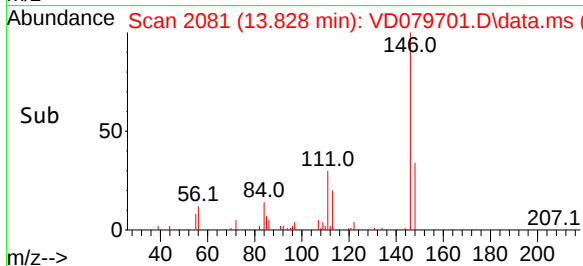
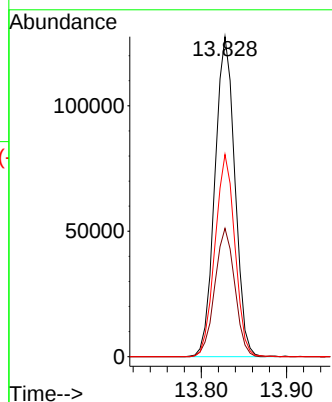
Tgt Ion:146 Resp: 208056

Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.1

148 62.9 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.215 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

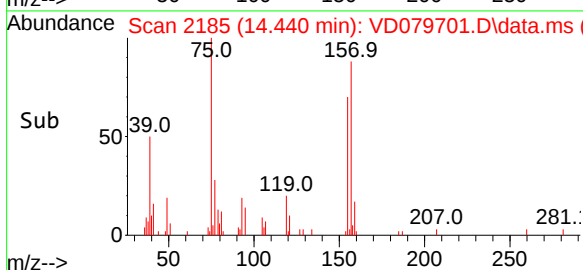
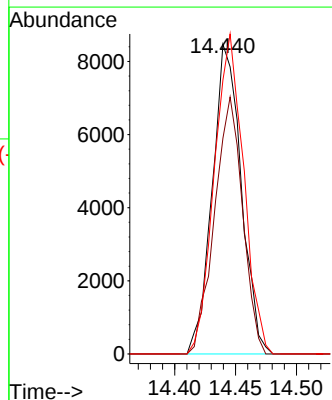
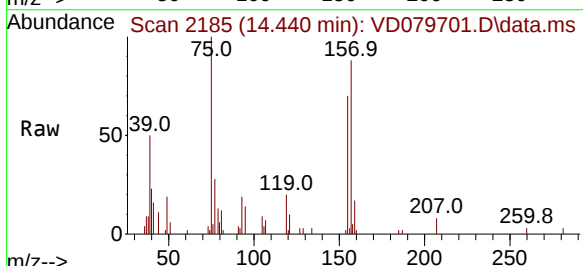
Tgt Ion: 75 Resp: 13979

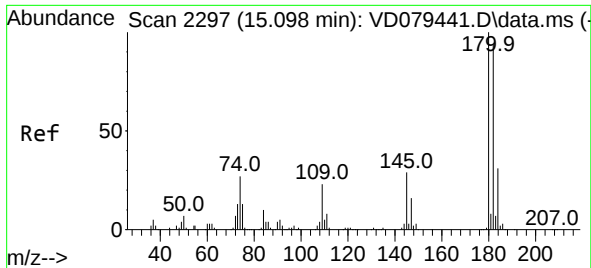
Ion Ratio Lower Upper

75 100

155 80.8 47.7 143.1

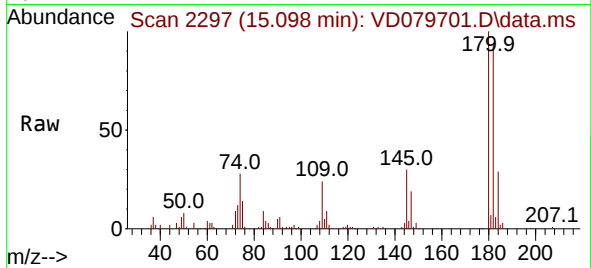
157 104.9 63.4 190.2



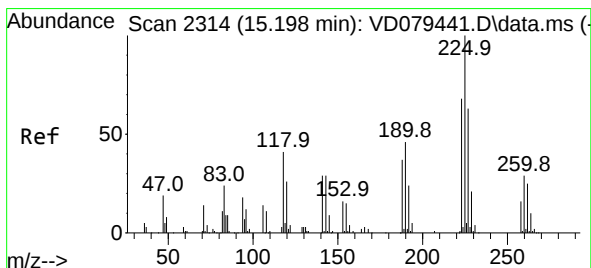
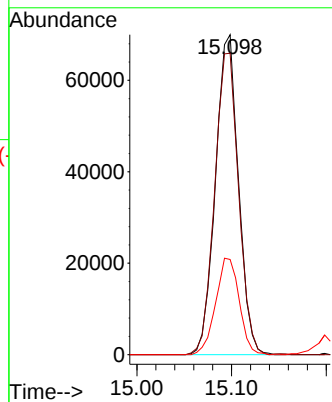
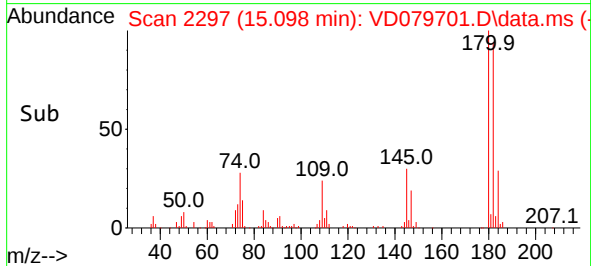


#93
 1,2,4-Trichlorobenzene
 Concen: 33.718 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Instrument :
 MSVOA_D
 ClientSampleId :

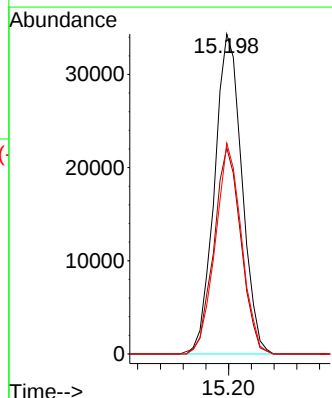
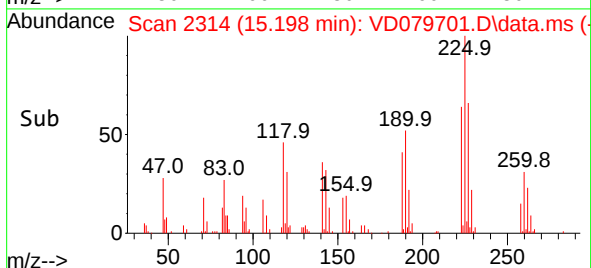
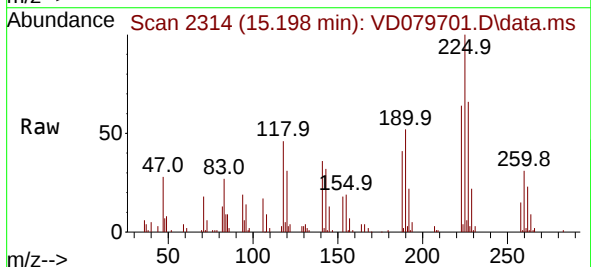


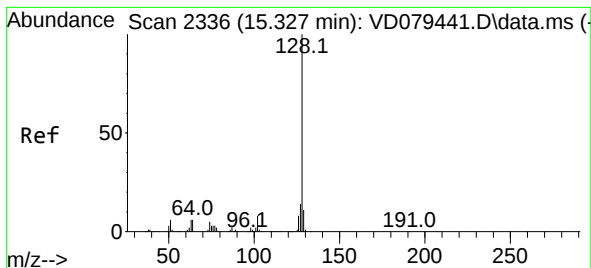
Tgt Ion:180 Resp: 118010
 Ion Ratio Lower Upper
 180 100
 182 98.0 46.9 140.7
 145 30.9 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 30.414 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079701.D
 Acq: 09 Aug 2024 18:55

Tgt Ion:225 Resp: 57451
 Ion Ratio Lower Upper
 225 100
 223 63.7 33.3 99.9
 227 63.1 33.6 100.6





#95

Naphthalene

Concen: 41.841 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

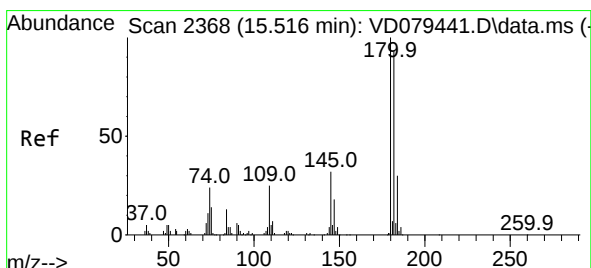
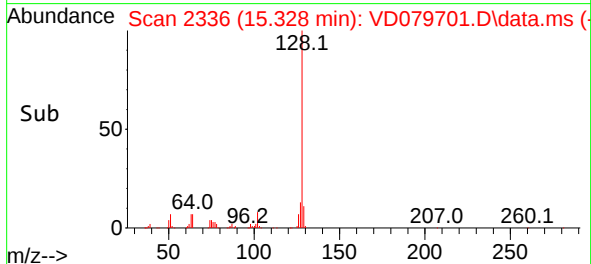
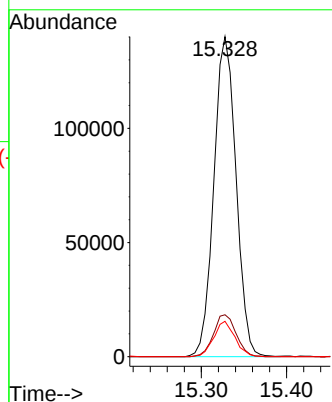
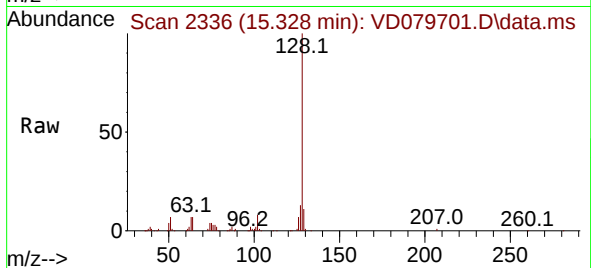
Tgt Ion:128 Resp: 253461

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 34.446 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079701.D

Acq: 09 Aug 2024 18:55

Tgt Ion:180 Resp: 106050

Ion Ratio Lower Upper

180 100

182 95.2 47.8 143.3

145 32.5 16.1 48.2

