

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079725.D
 Acq On : 13 Aug 2024 18:54
 Operator : RP/MD
 Sample : VD0813SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	162897	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	313036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	150368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105039	56.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.100%
35) Dibromofluoromethane	7.805	113	103665	53.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.440%
50) Toluene-d8	10.263	98	433350	53.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.569	95	124378	55.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	36349	24.665	ug/l	99
3) Chloromethane	2.146	50	70677	22.464	ug/l	96
4) Vinyl Chloride	2.275	62	80736	21.708	ug/l	98
5) Bromomethane	2.675	94	52213	20.625	ug/l	98
6) Chloroethane	2.822	64	56693	22.331	ug/l	98
7) Trichlorofluoromethane	3.164	101	68366	20.553	ug/l	94
8) Diethyl Ether	3.581	74	21973	21.126	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.958	101	39225	20.032	ug/l	93
10) Methyl Iodide	4.158	142	40182	18.334	ug/l	93
11) Tert butyl alcohol	5.064	59	13551	145.089	ug/l	# 87
12) 1,1-Dichloroethene	3.928	96	40892	19.972	ug/l	95
13) Acrolein	3.793	56	21951	100.696	ug/l	93
14) Allyl chloride	4.552	41	58192	18.949	ug/l	# 88
15) Acrylonitrile	5.252	53	54781	114.411	ug/l	95
16) Acetone	4.022	43	39836	102.780	ug/l	95
17) Carbon Disulfide	4.269	76	146460	20.179	ug/l	99
18) Methyl Acetate	4.564	43	27639	21.631	ug/l	# 87
19) Methyl tert-butyl Ether	5.322	73	92743	22.059	ug/l	96
20) Methylene Chloride	4.799	84	63662	21.216	ug/l	# 81
21) trans-1,2-Dichloroethene	5.305	96	47406	21.088	ug/l	94
22) Diisopropyl ether	6.216	45	138437	21.875	ug/l	94
23) Vinyl Acetate	6.158	43	521524	112.427	ug/l	# 91
24) 1,1-Dichloroethane	6.105	63	84606	20.223	ug/l	99
25) 2-Butanone	7.081	43	60094	104.225	ug/l	90
26) 2,2-Dichloropropane	7.075	77	61480	18.608	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	52305	20.059	ug/l	87
28) Bromochloromethane	7.422	49	38280	21.509	ug/l	# 65
29) Tetrahydrofuran	7.452	42	40575	115.760	ug/l	# 79
30) Chloroform	7.593	83	84664	20.840	ug/l	99
31) Cyclohexane	7.875	56	65940	19.249	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	68704	20.441	ug/l	98
36) 1,1-Dichloropropene	8.005	75	59421	19.864	ug/l	95
37) Ethyl Acetate	7.163	43	29883	22.074	ug/l	94
38) Carbon Tetrachloride	7.993	117	59972	19.751	ug/l	94
39) Methylcyclohexane	9.269	83	67738	19.159	ug/l	92
40) Benzene	8.252	78	193359	19.875	ug/l	98

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:54:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10799	15.146	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	48420	21.531	ug/l	97
43) Isopropyl Acetate	8.363	43	52651	22.300	ug/l	93
44) Trichloroethene	9.028	130	42767	20.014	ug/l	96
45) 1,2-Dichloropropane	9.304	63	49092	20.500	ug/l	89
46) Dibromomethane	9.393	93	25647	21.154	ug/l	88
47) Bromodichloromethane	9.587	83	64385	21.068	ug/l	98
48) Methyl methacrylate	9.381	41	22121	20.370	ug/l	89
49) 1,4-Dioxane	9.387	88	5936	486.482	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	137526	113.222	ug/l	92
52) Toluene	10.328	92	121657	20.854	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	57949	20.284	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	71391	20.361	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	35070	21.700	ug/l	92
56) Ethyl methacrylate	10.599	69	42130	22.837	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	61606	22.111	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	98570	111.841	ug/l	90
59) 2-Hexanone	10.922	43	95274	116.597	ug/l	94
60) Dibromochloromethane	11.069	129	42928	21.559	ug/l	99
61) 1,2-Dibromoethane	11.175	107	30917	21.543	ug/l	93
64) Tetrachloroethene	10.804	164	36023	20.400	ug/l	90
65) Chlorobenzene	11.604	112	127690	20.122	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	42911	20.741	ug/l	96
67) Ethyl Benzene	11.681	91	212054	19.044	ug/l	97
68) m/p-Xylenes	11.793	106	170036	39.271	ug/l	93
69) o-Xylene	12.116	106	78580	19.857	ug/l	93
70) Styrene	12.134	104	140412	20.226	ug/l	97
71) Bromoform	12.298	173	22889	21.523	ug/l #	92
73) Isopropylbenzene	12.416	105	192898	18.273	ug/l	99
74) N-amyl acetate	12.228	43	52380	22.271	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	41448	21.028	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	51961	42.388	ug/l #	100
77) Bromobenzene	12.698	156	46509	19.699	ug/l	80
78) n-propylbenzene	12.763	91	243415	18.634	ug/l	96
79) 2-Chlorotoluene	12.845	91	140117	19.262	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	165798	18.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	15160	21.075	ug/l	99
82) 4-Chlorotoluene	12.945	91	146890	19.203	ug/l	97
83) tert-Butylbenzene	13.163	119	138710	18.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	168368	18.799	ug/l	99
85) sec-Butylbenzene	13.340	105	212109	18.631	ug/l	99
86) p-Isopropyltoluene	13.457	119	172426	18.029	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	99638	19.824	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	96336	19.417	ug/l	93
89) n-Butylbenzene	13.781	91	161905	17.959	ug/l	98
90) Hexachloroethane	14.051	117	35794	18.240	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	86547	19.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	5724	21.275	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	48537	19.491	ug/l	97
94) Hexachlorobutadiene	15.198	225	23971	19.142	ug/l	94
95) Naphthalene	15.328	128	97836	20.542	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	44293	20.292	ug/l	96

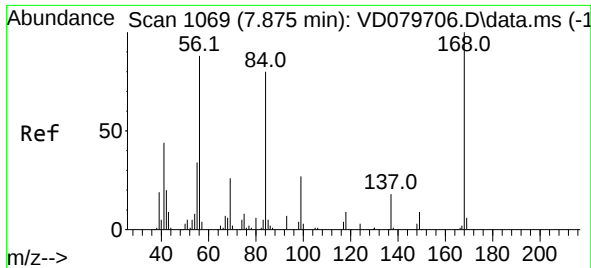
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Data File : VD079725.D
Acq On : 13 Aug 2024 18:54
Operator : RP/MD
Sample : VD0813SBSD02
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 14 05:54:37 2024
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Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

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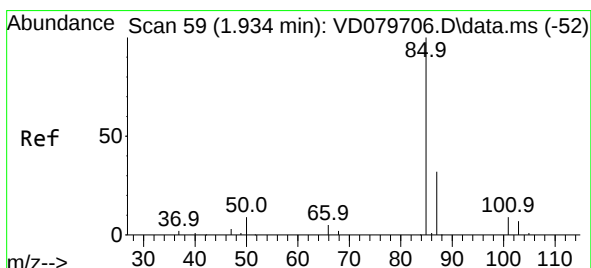
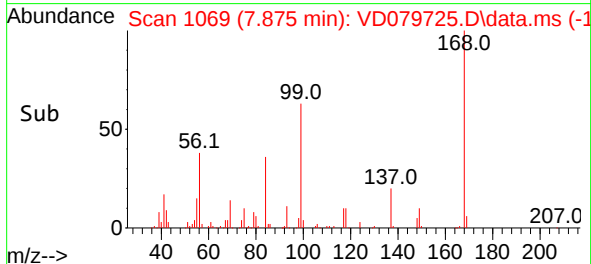
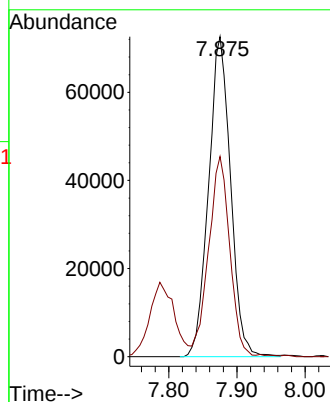
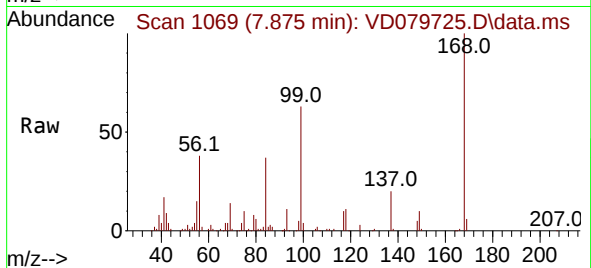
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

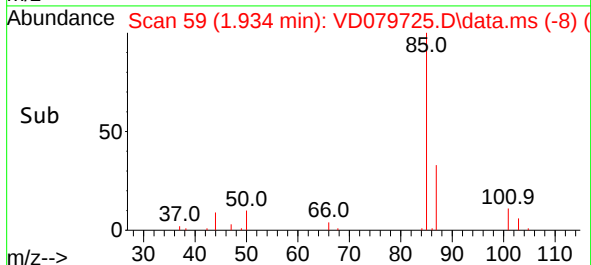
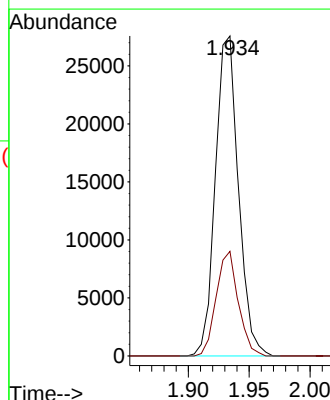
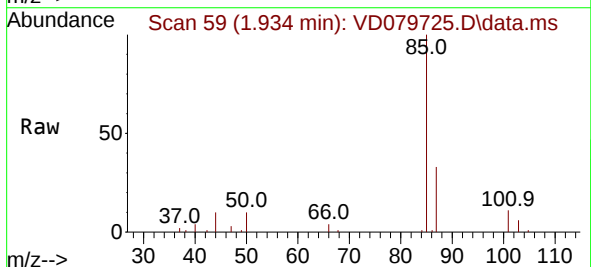
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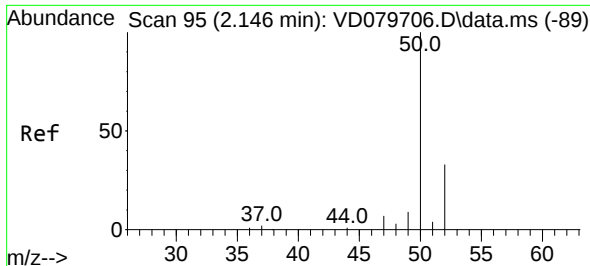
Tgt Ion:168 Resp: 162897
Ion Ratio Lower Upper
168 100
99 62.3 41.1 61.7#



#2
Dichlorodifluoromethane
Concen: 24.665 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

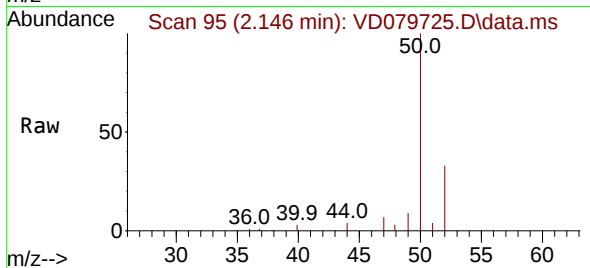
Tgt Ion: 85 Resp: 36349
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0



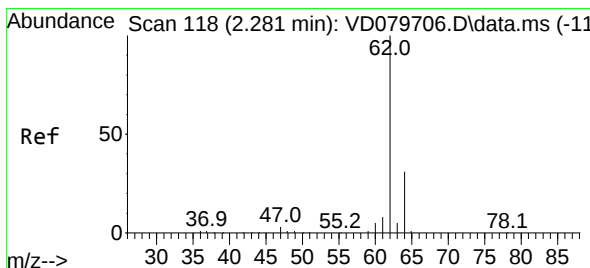
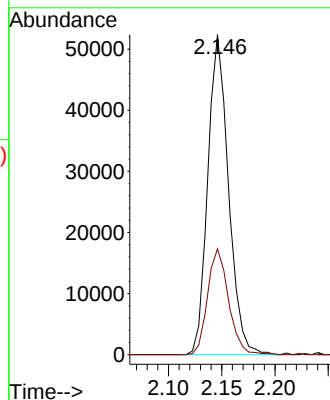
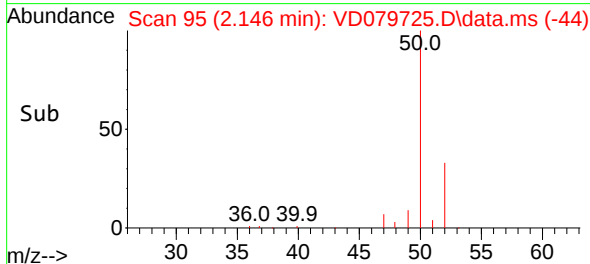


#3
Chloromethane
Concen: 22.464 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

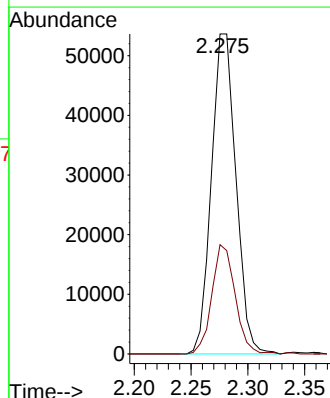
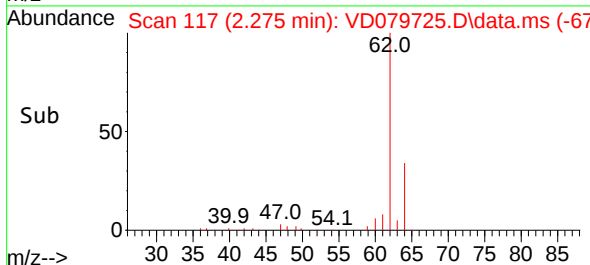
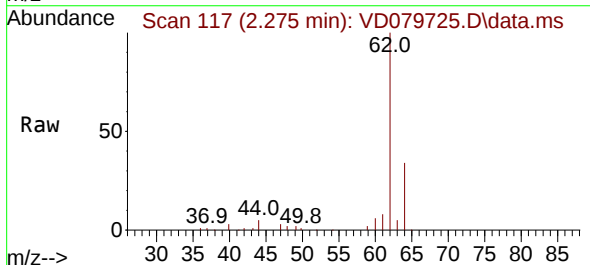


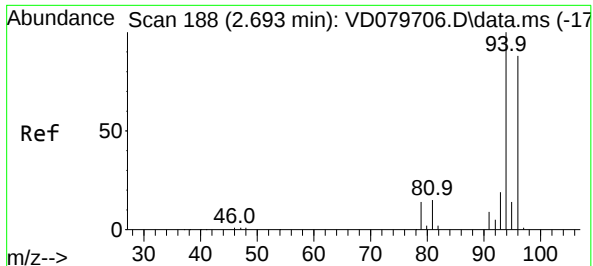
Tgt Ion: 50 Resp: 70677
Ion Ratio Lower Upper
50 100
52 33.1 28.2 42.2



#4
Vinyl Chloride
Concen: 21.708 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 62 Resp: 80736
Ion Ratio Lower Upper
62 100
64 34.2 26.3 39.5

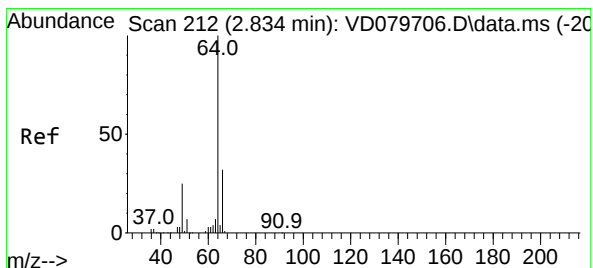
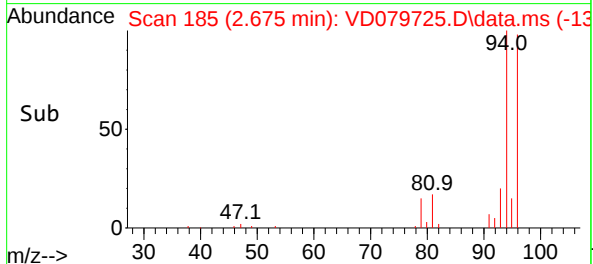
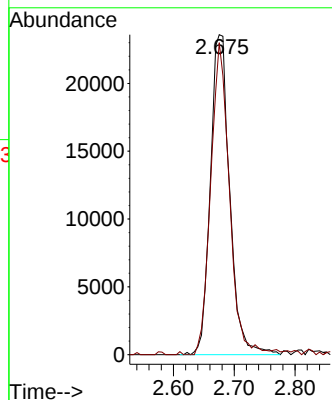
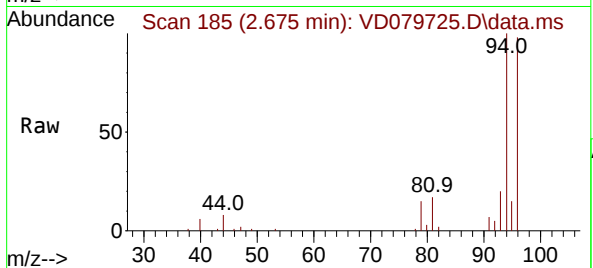




#5
Bromomethane
Concen: 20.625 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

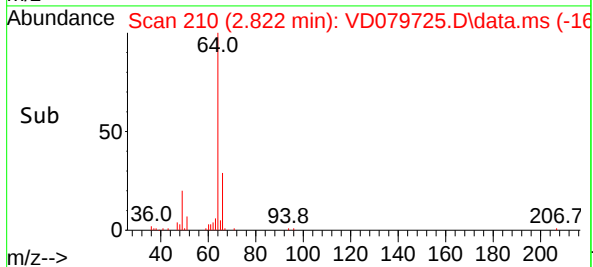
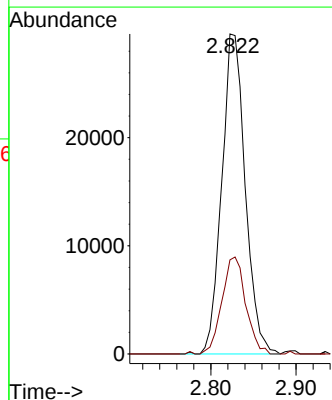
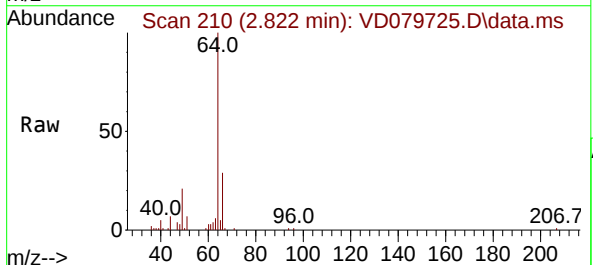
Instrument :
MSVOA_D
ClientSampleId :

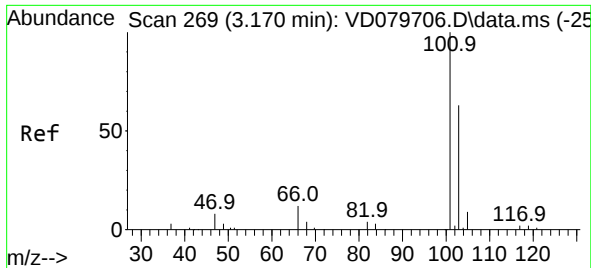
Tgt Ion: 94 Resp: 52213
Ion Ratio Lower Upper
94 100
96 93.8 76.9 115.3



#6
Chloroethane
Concen: 22.331 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

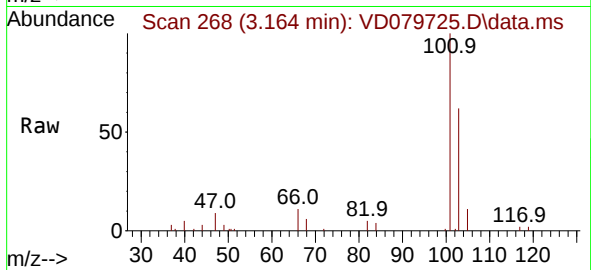
Tgt Ion: 64 Resp: 56693
Ion Ratio Lower Upper
64 100
66 29.4 24.5 36.7



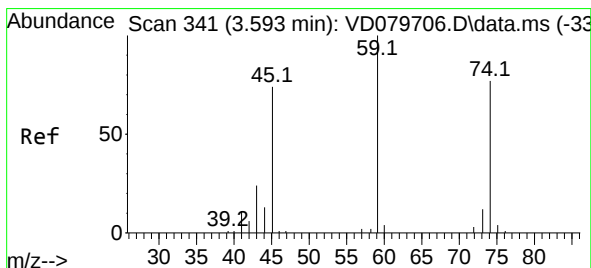
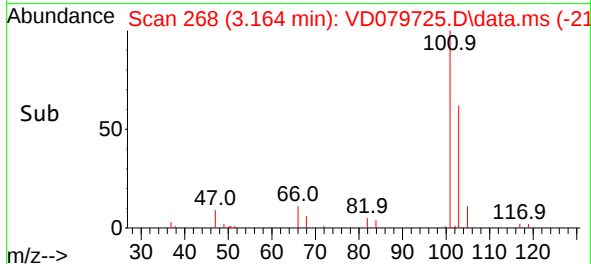
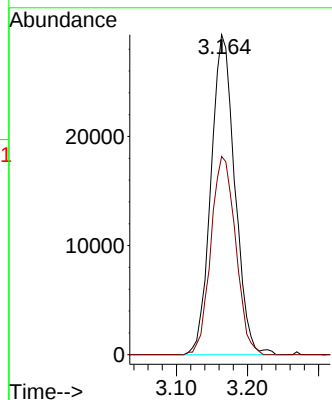


#7
Trichlorofluoromethane
Concen: 20.553 ug/l
RT: 3.164 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

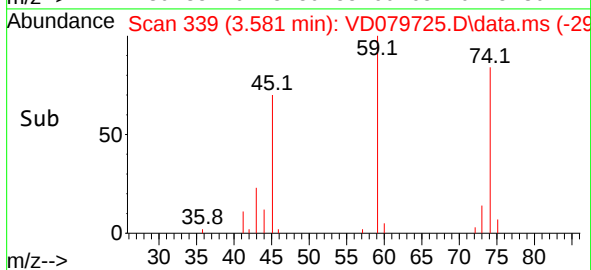
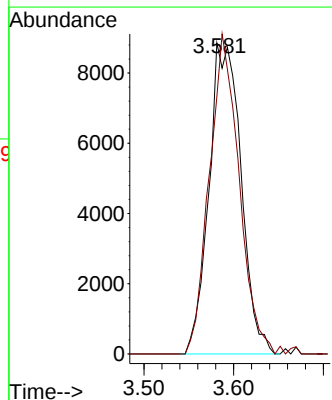
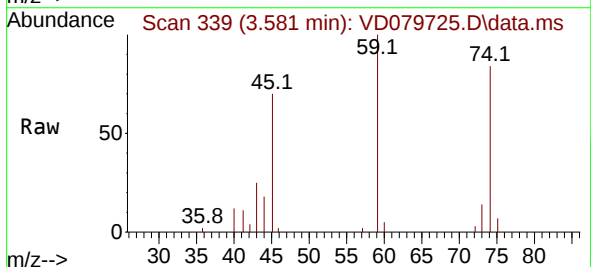


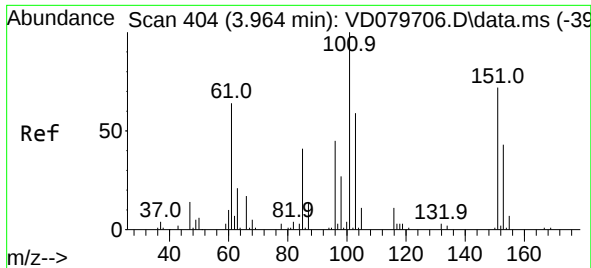
Tgt Ion:101 Resp: 68366
Ion Ratio Lower Upper
101 100
103 61.9 53.2 79.8



#8
Diethyl Ether
Concen: 21.126 ug/l
RT: 3.581 min Scan# 339
Delta R.T. -0.012 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 74 Resp: 21973
Ion Ratio Lower Upper
74 100
45 95.6 37.9 113.6

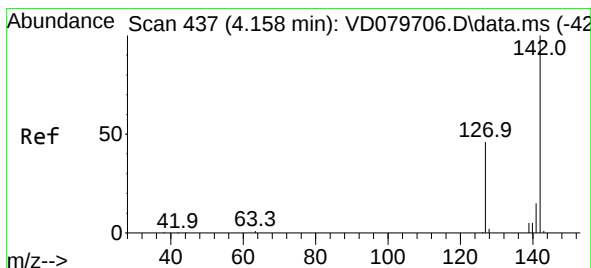
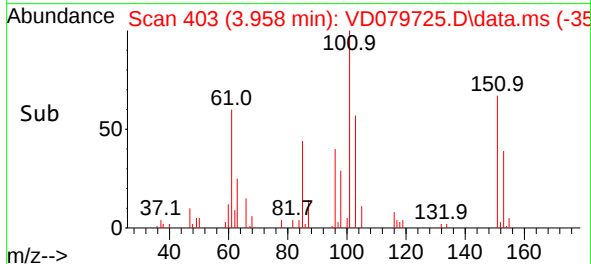
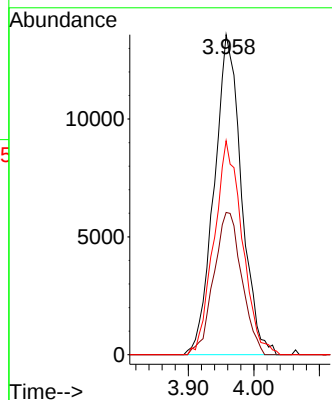
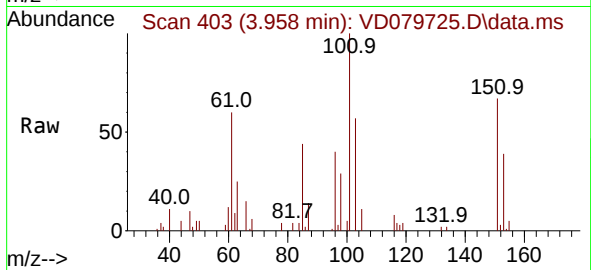




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.032 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

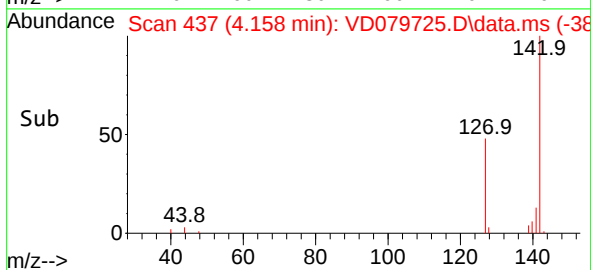
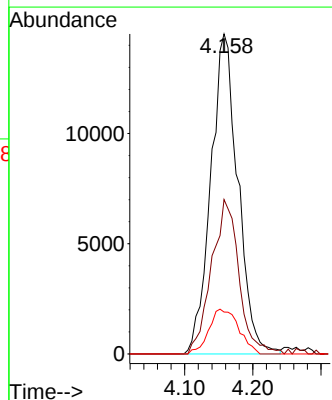
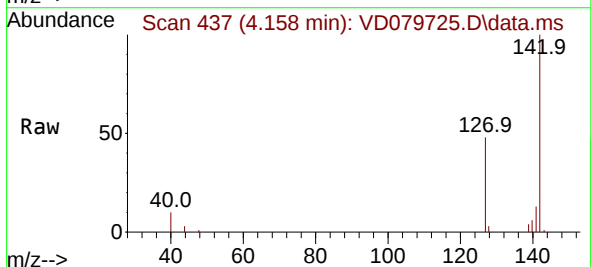
Instrument :
MSVOA_D
ClientSampleId :

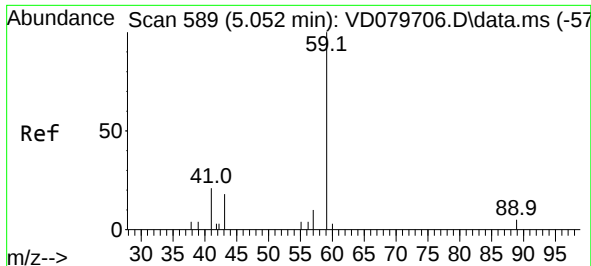
Tgt Ion:101 Resp: 39225
Ion Ratio Lower Upper
101 100
85 45.6 33.5 50.3
151 69.4 60.3 90.5



#10
Methyl Iodide
Concen: 18.334 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:142 Resp: 40182
Ion Ratio Lower Upper
142 100
127 48.8 34.2 51.4
141 15.4 11.7 17.5

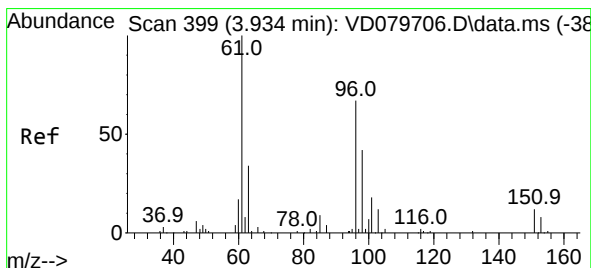
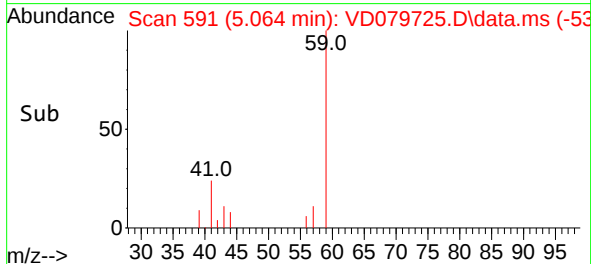
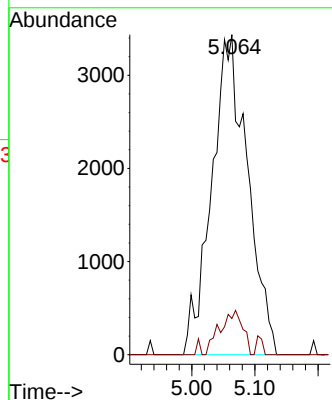
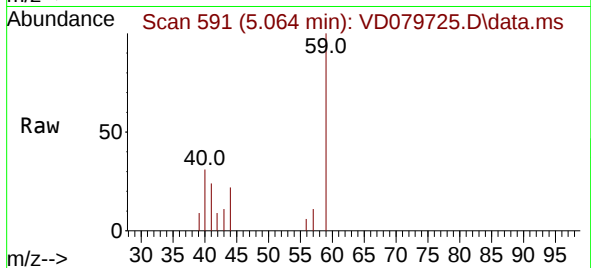




#11
Tert butyl alcohol
Concen: 145.089 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

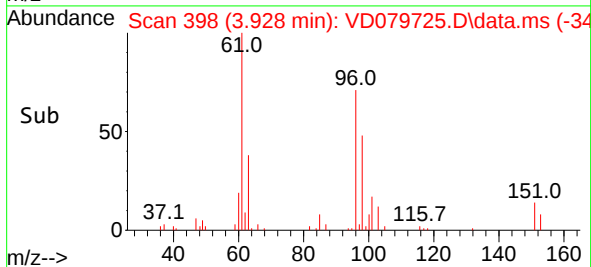
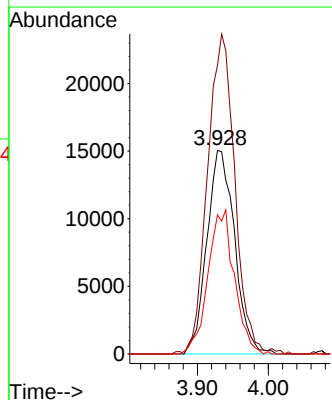
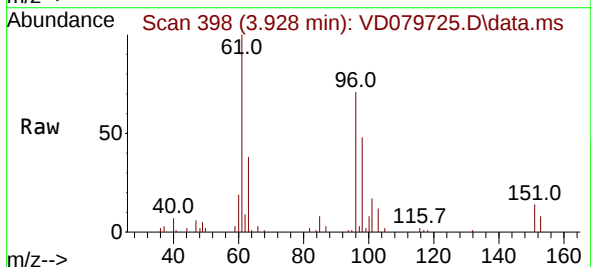
Instrument :
MSVOA_D
ClientSampleId :

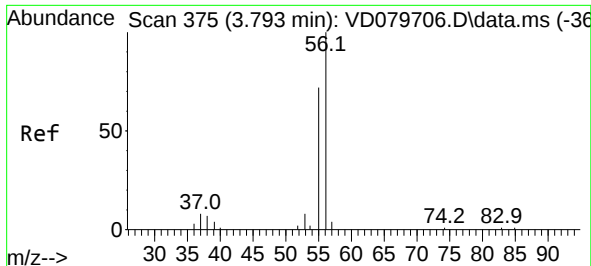
Tgt Ion: 59 Resp: 13551
Ion Ratio Lower Upper
59 100
57 8.8 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 19.972 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 96 Resp: 40892
Ion Ratio Lower Upper
96 100
61 140.5 107.3 160.9
98 68.3 51.7 77.5

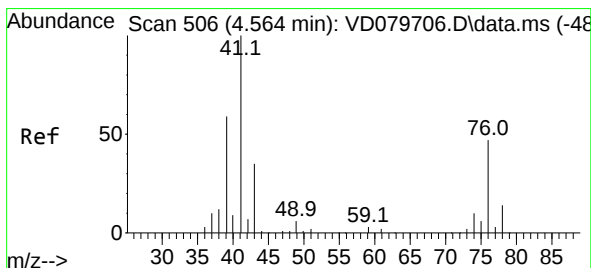
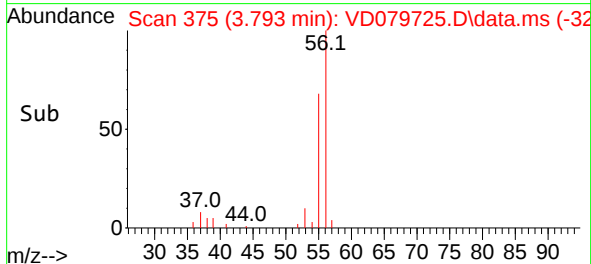
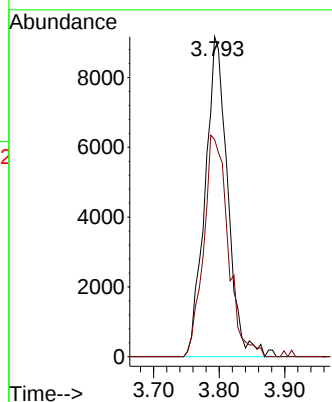
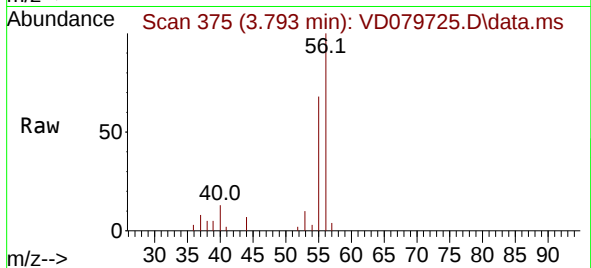




#13
Acrolein
Concen: 100.696 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

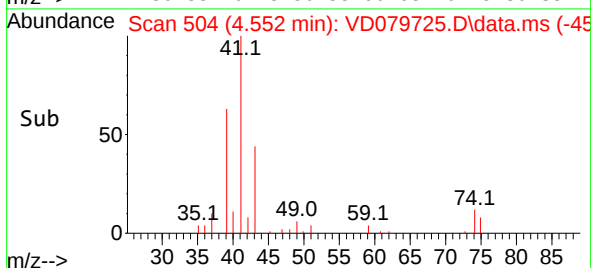
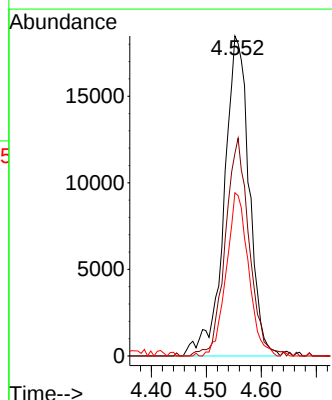
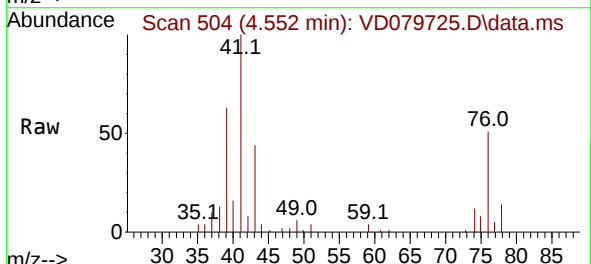
Instrument :
MSVOA_D
ClientSampleId :

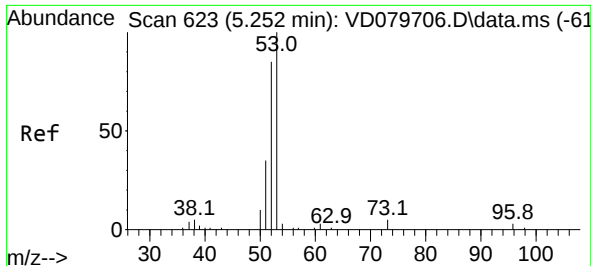
Tgt Ion: 56 Resp: 21951
Ion Ratio Lower Upper
56 100
55 75.0 55.3 82.9



#14
Allyl chloride
Concen: 18.949 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 41 Resp: 58192
Ion Ratio Lower Upper
41 100
39 65.0 58.0 87.0
76 45.5 45.9 68.9#

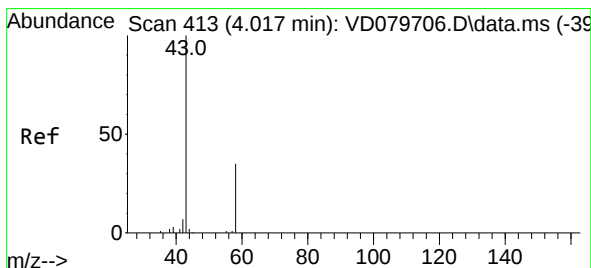
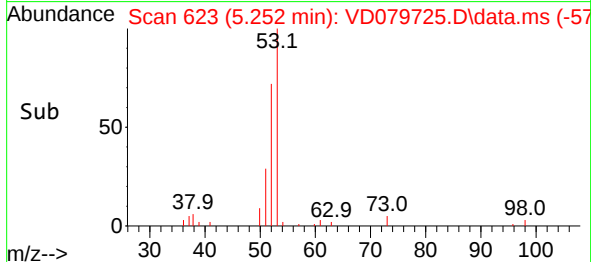
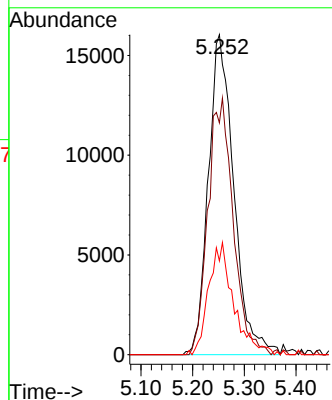
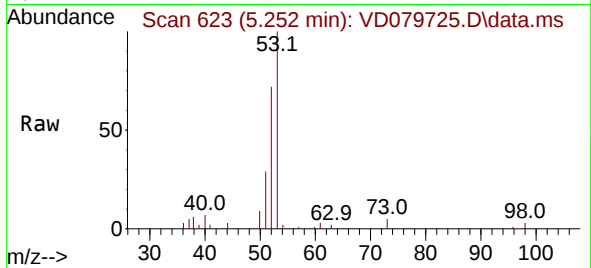




#15
Acrylonitrile
Concen: 114.411 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

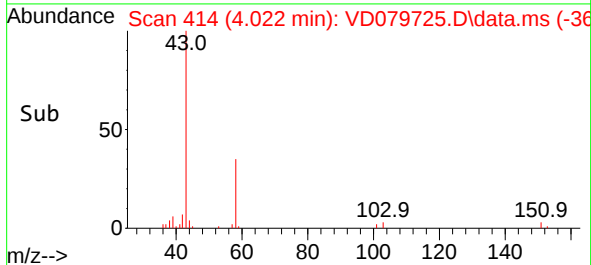
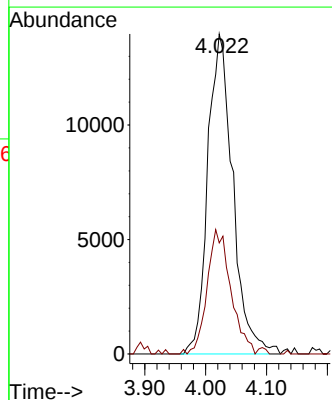
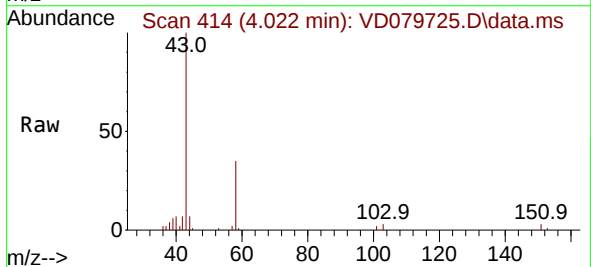
Instrument :
MSVOA_D
ClientSampleId :

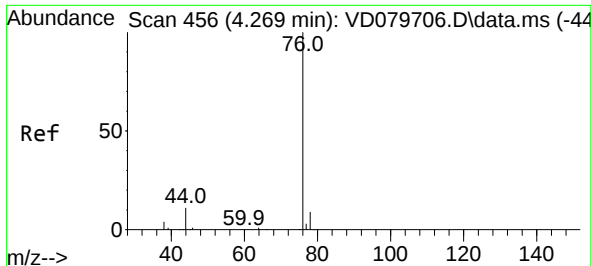
Tgt Ion: 53 Resp: 54781
Ion Ratio Lower Upper
53 100
52 79.5 67.7 101.5
51 34.4 28.6 42.8



#16
Acetone
Concen: 102.780 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 43 Resp: 39836
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

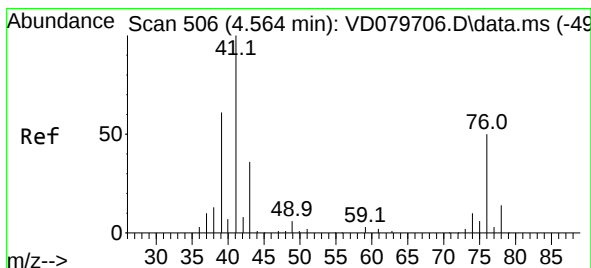
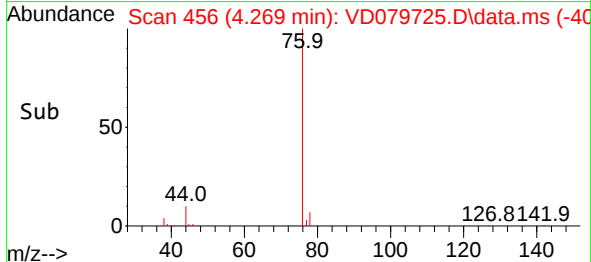
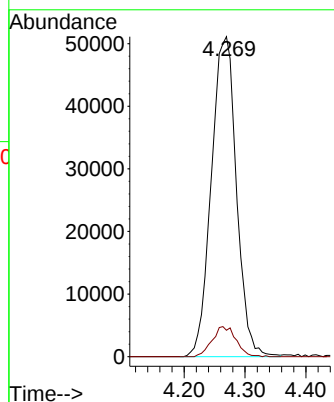
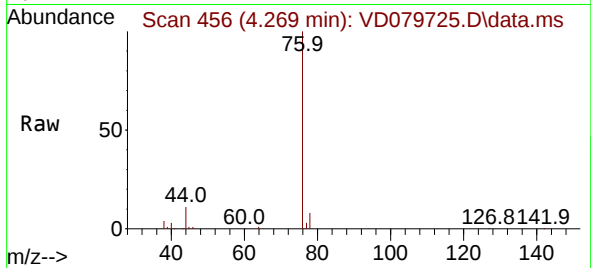




#17
Carbon Disulfide
Concen: 20.179 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

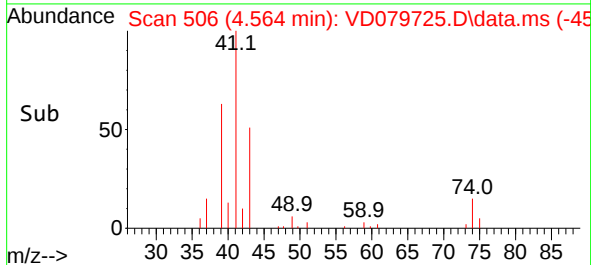
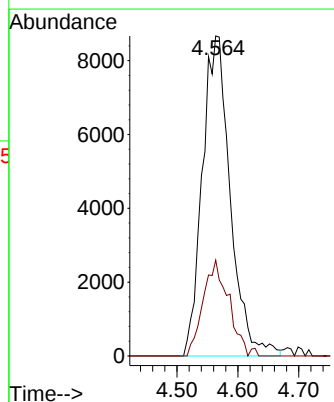
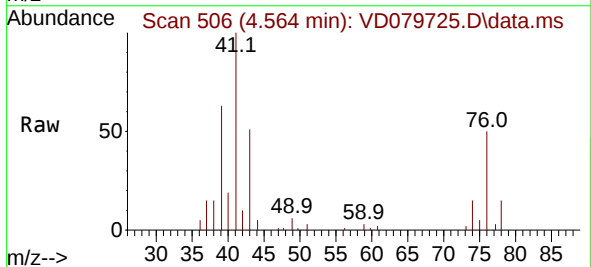
Instrument :
MSVOA_D
ClientSampleId :

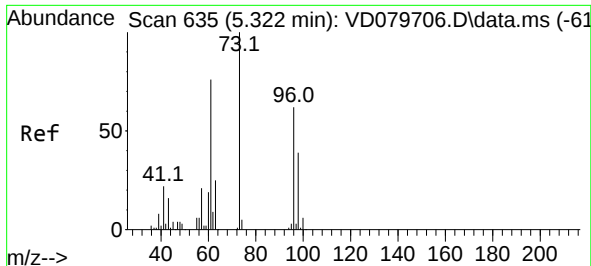
Tgt Ion: 76 Resp: 146460
Ion Ratio Lower Upper
76 100
78 8.2 6.9 10.3



#18
Methyl Acetate
Concen: 21.631 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 43 Resp: 27639
Ion Ratio Lower Upper
43 100
74 27.6 28.1 42.1#

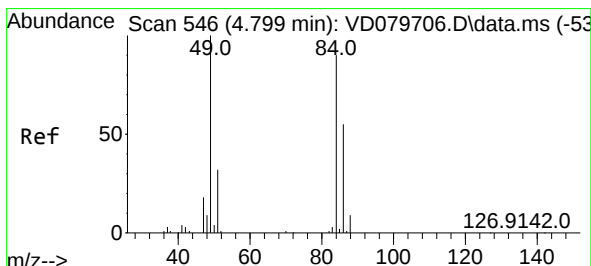
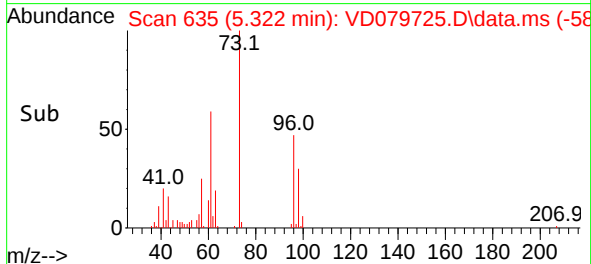
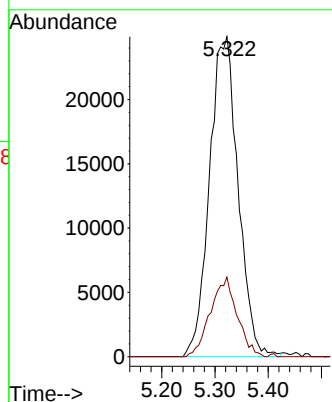
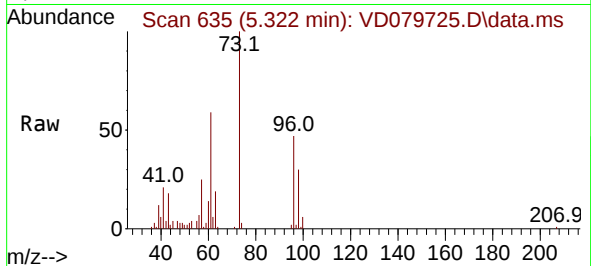




#19
Methyl tert-butyl Ether
Concen: 22.059 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

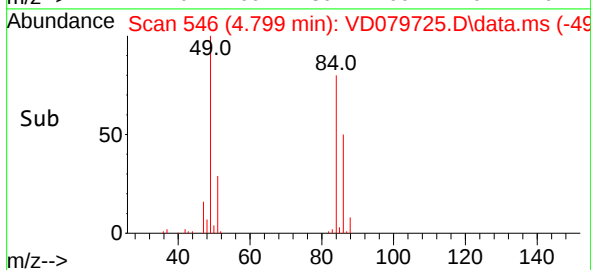
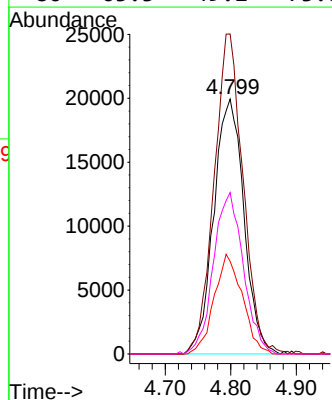
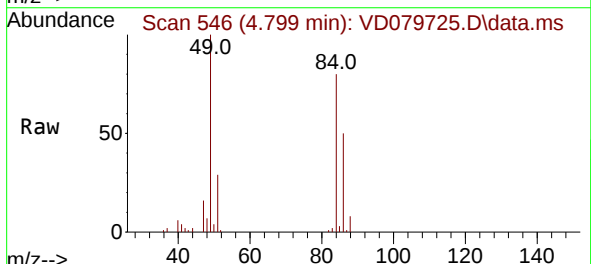
Instrument :
MSVOA_D
ClientSampleId :

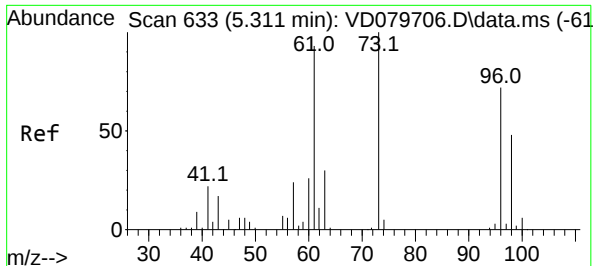
Tgt Ion: 73 Resp: 92743
Ion Ratio Lower Upper
73 100
57 24.8 18.3 27.5



#20
Methylene Chloride
Concen: 21.216 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 84 Resp: 63662
Ion Ratio Lower Upper
84 100
49 125.6 75.6 113.4#
51 36.4 24.2 36.2#
86 63.3 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 21.088 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

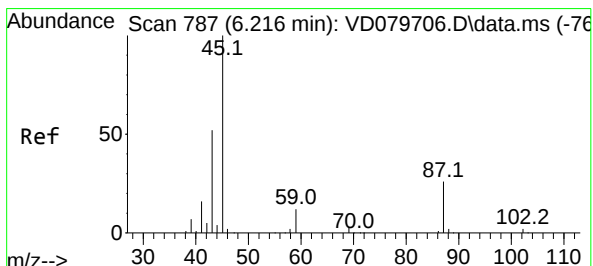
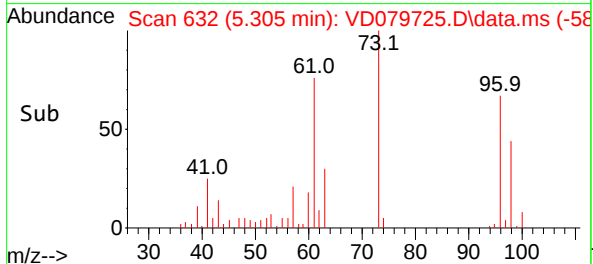
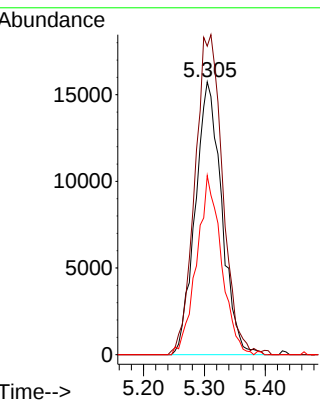
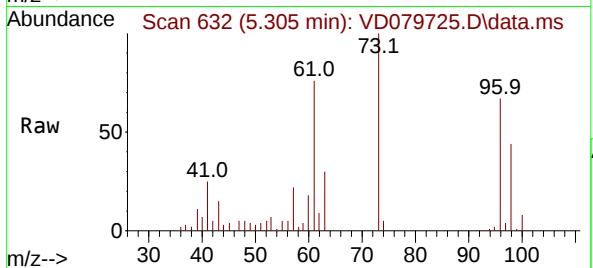
Tgt Ion: 96 Resp: 47406

Ion Ratio Lower Upper

96 100

61 113.1 84.5 126.7

98 65.6 50.5 75.7



#22

Diisopropyl ether

Concen: 21.875 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Tgt Ion: 45 Resp: 138437

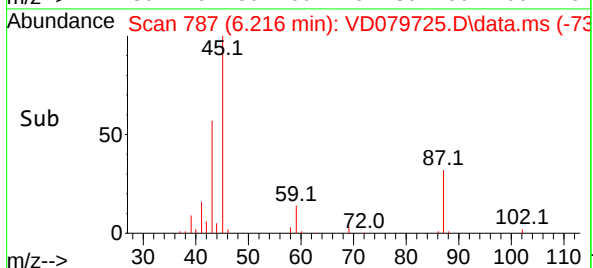
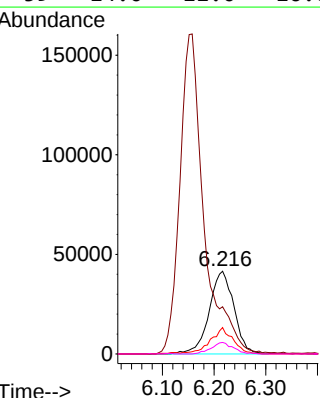
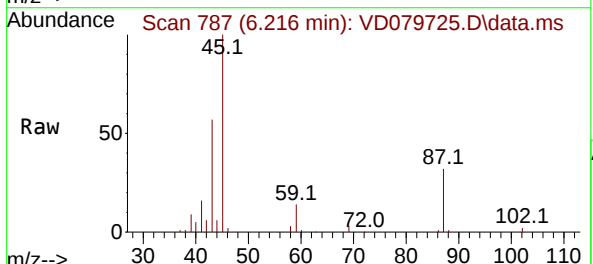
Ion Ratio Lower Upper

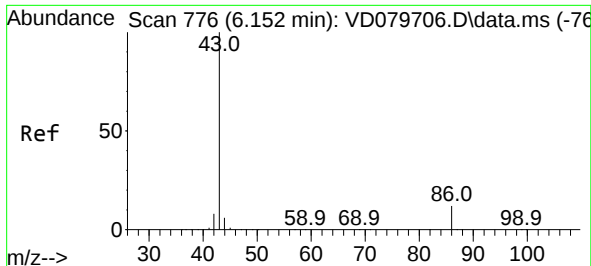
45 100

43 55.4 41.7 62.5

87 31.8 30.2 45.2

59 14.0 11.0 16.6

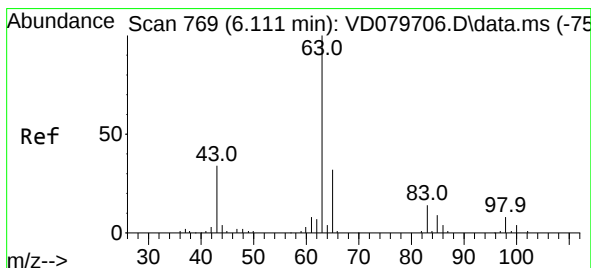
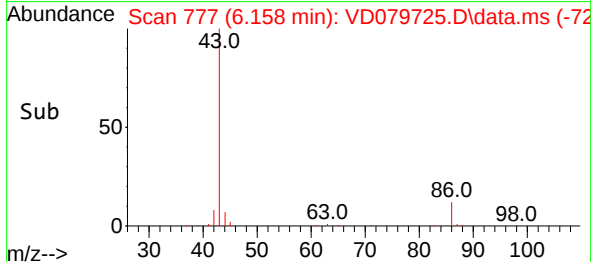
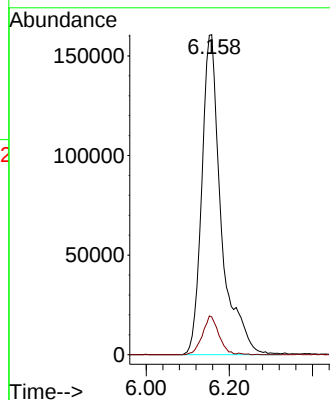
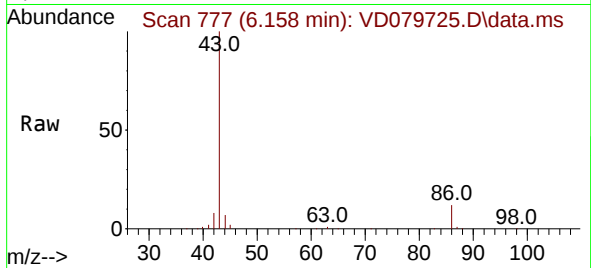




#23
 Vinyl Acetate
 Concen: 112.427 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079725.D
 Acq: 13 Aug 2024 18:54

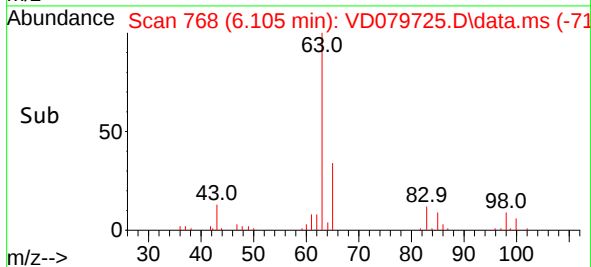
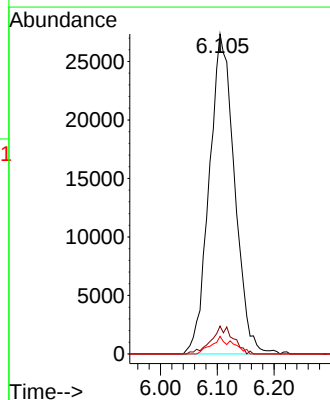
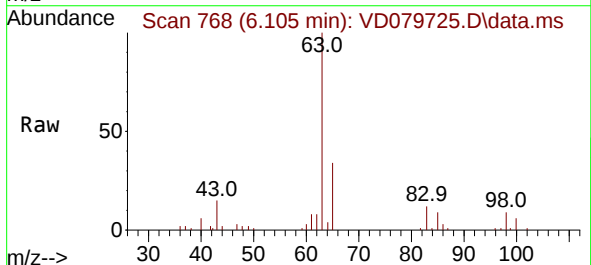
Instrument :
 MSVOA_D
 ClientSampleId :

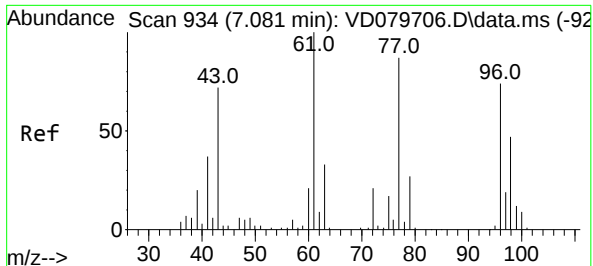
Tgt Ion: 43 Resp: 521524
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.223 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079725.D
 Acq: 13 Aug 2024 18:54

Tgt Ion: 63 Resp: 84606
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.7 14.0
 100 5.5 2.9 8.6





#25

2-Butanone

Concen: 104.225 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

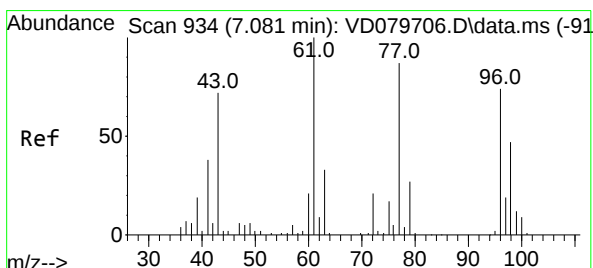
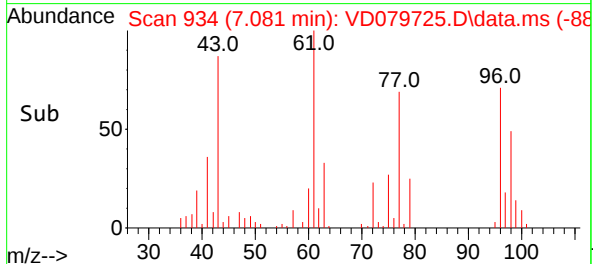
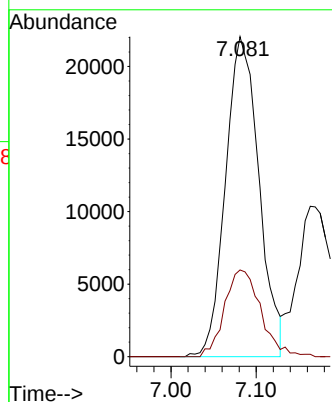
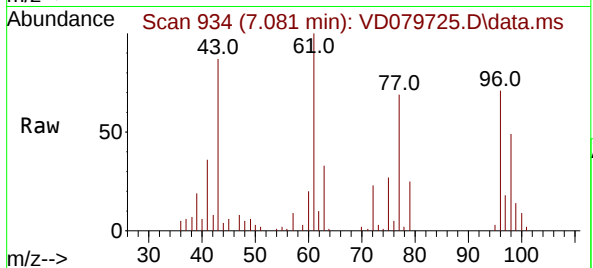
ClientSampleId :

Tgt Ion: 43 Resp: 60094

Ion Ratio Lower Upper

43 100

72 27.1 26.4 39.6



#26

2,2-Dichloropropane

Concen: 18.608 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD079725.D

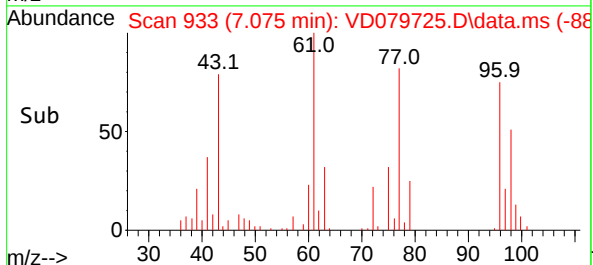
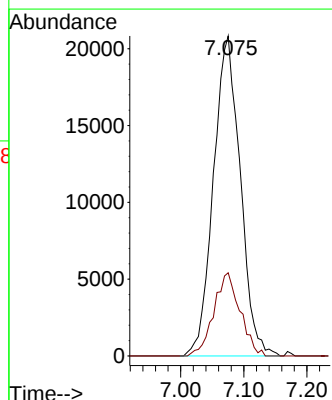
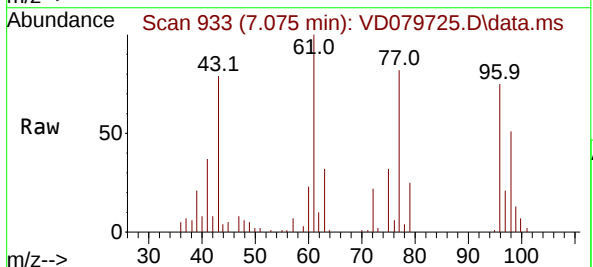
Acq: 13 Aug 2024 18:54

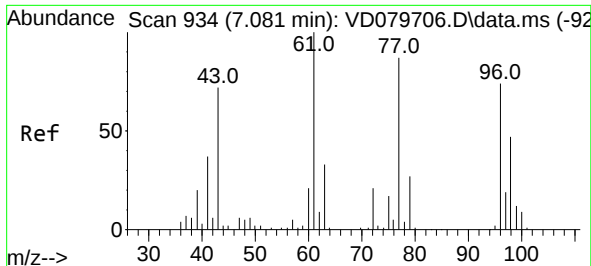
Tgt Ion: 77 Resp: 61480

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.059 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

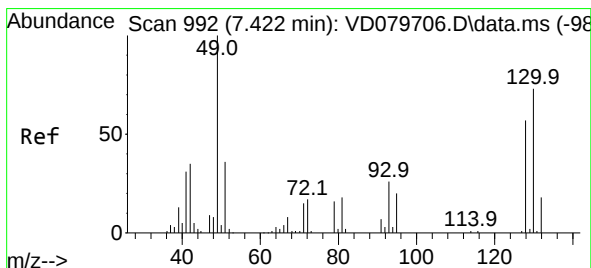
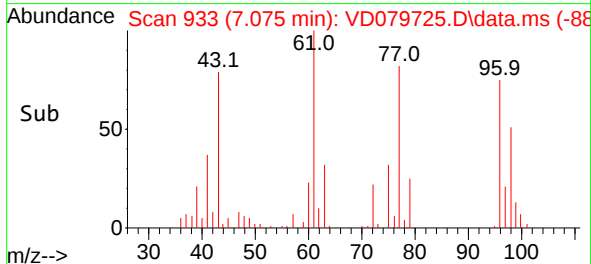
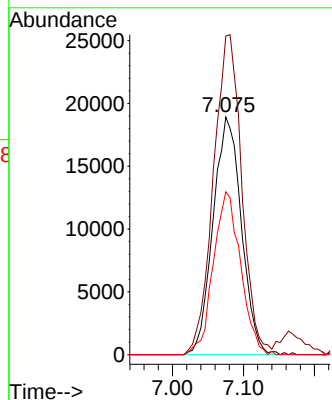
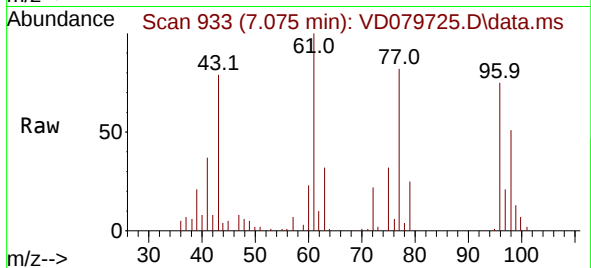
Tgt Ion: 96 Resp: 52305

Ion Ratio Lower Upper

96 100

61 134.9 0.0 229.0

98 66.0 0.0 127.2



#28

Bromochloromethane

Concen: 21.509 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

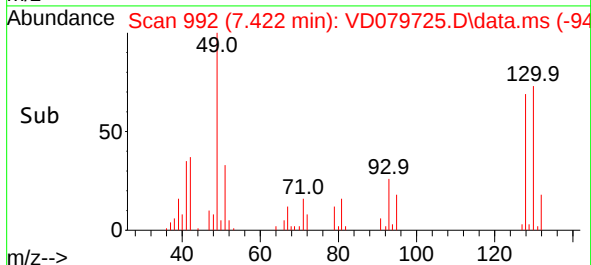
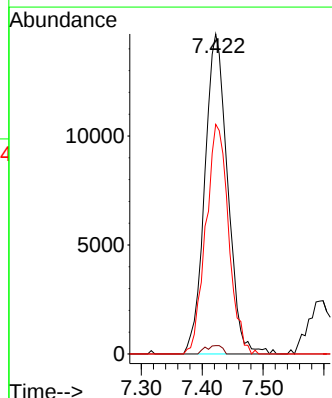
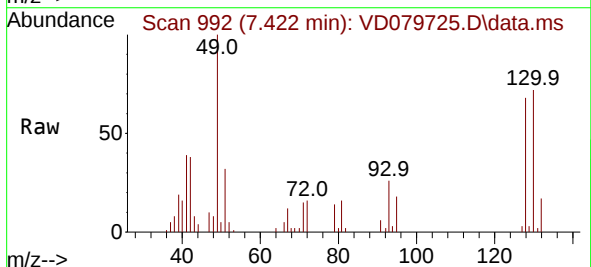
Tgt Ion: 49 Resp: 38280

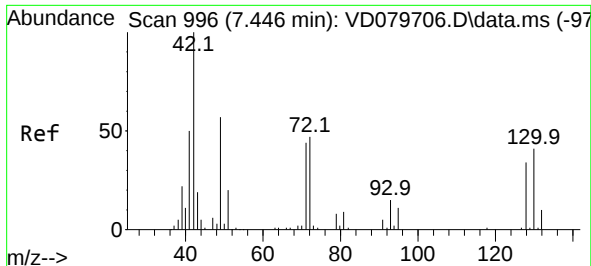
Ion Ratio Lower Upper

49 100

129 1.9 0.0 7.0

130 71.5 87.7 131.5





#29

Tetrahydrofuran

Concen: 115.760 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

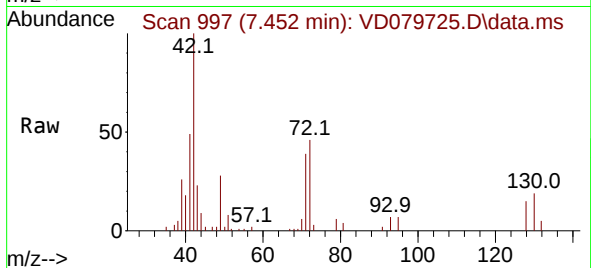
Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :



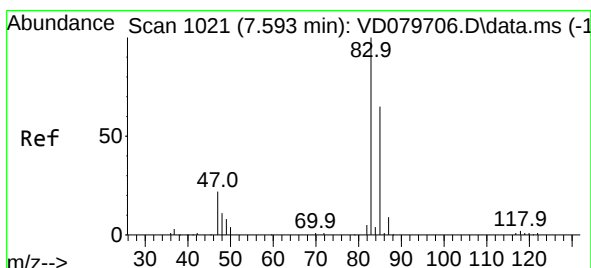
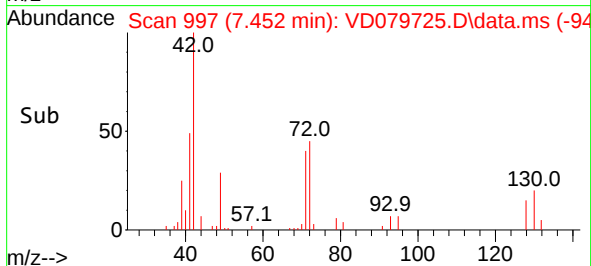
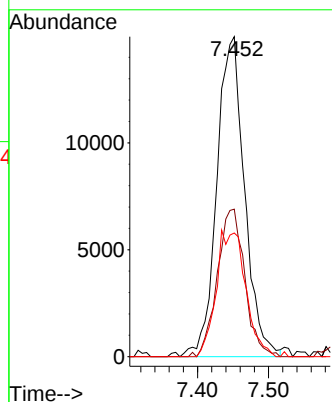
Tgt Ion: 42 Resp: 40575

Ion Ratio Lower Upper

42 100

72 45.5 49.4 74.0#

71 41.7 45.0 67.6#



#30

Chloroform

Concen: 20.840 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD079725.D

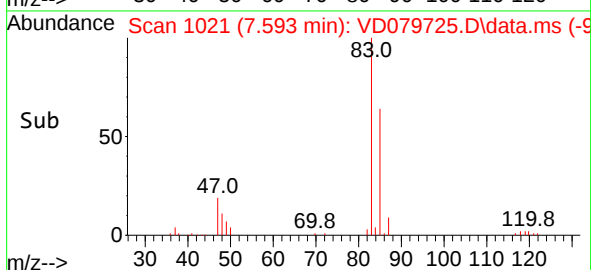
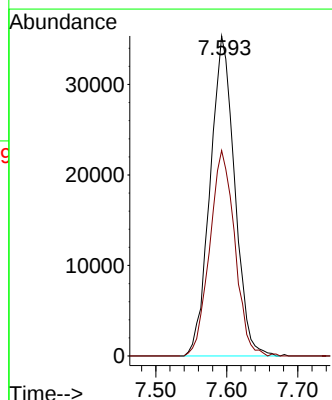
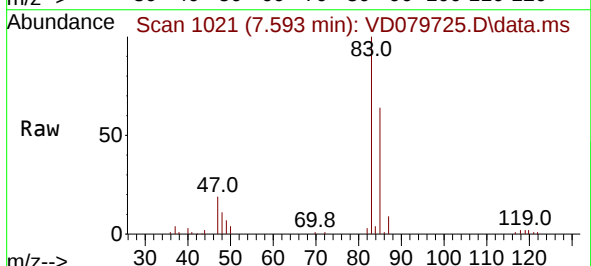
Acq: 13 Aug 2024 18:54

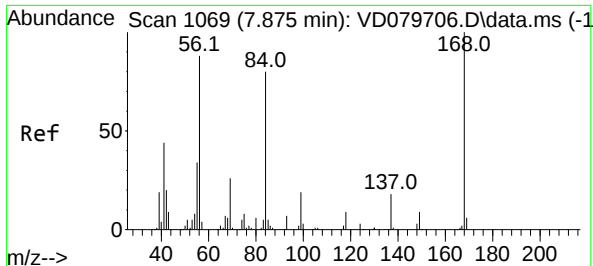
Tgt Ion: 83 Resp: 84664

Ion Ratio Lower Upper

83 100

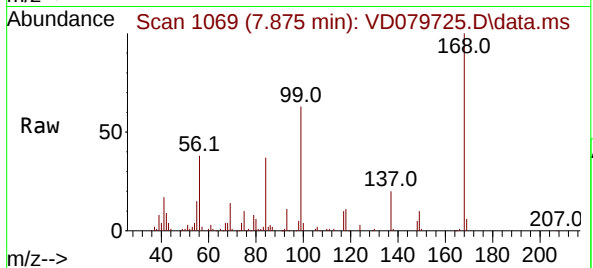
85 64.2 51.8 77.6



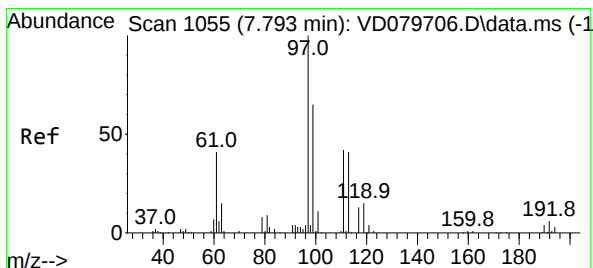
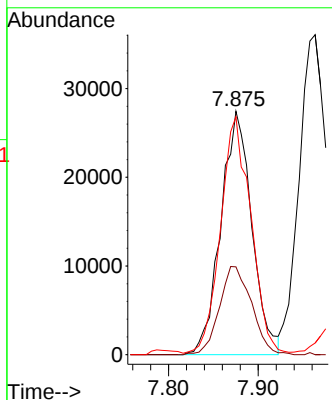
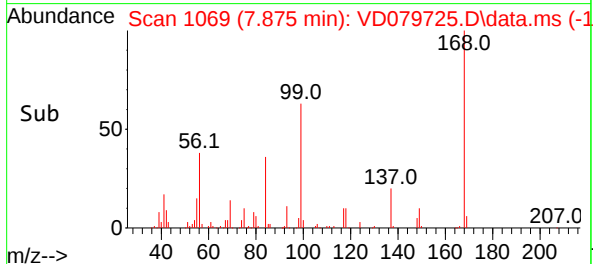


#31
Cyclohexane
Concen: 19.249 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

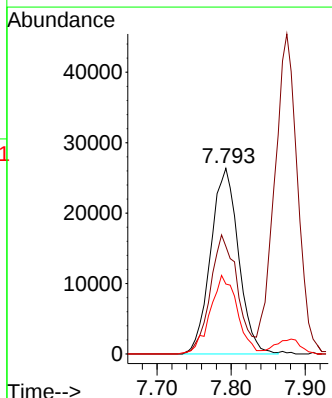
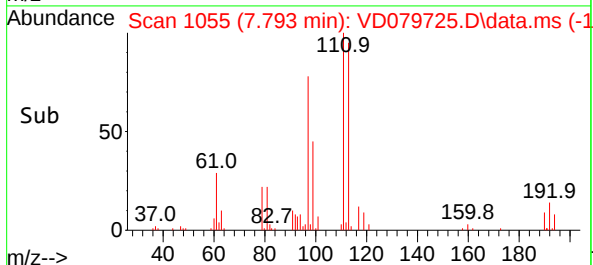
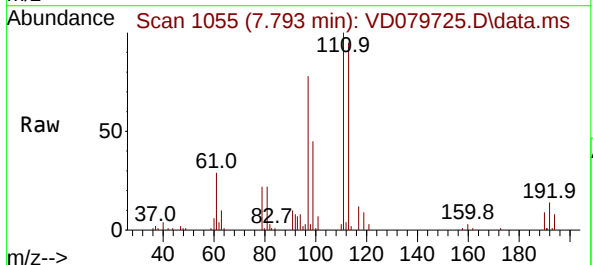


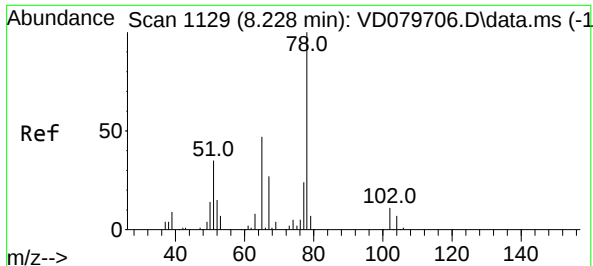
Tgt Ion: 56 Resp: 65940
Ion Ratio Lower Upper
56 100
69 36.1 28.0 42.0
84 96.5 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 20.441 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 97 Resp: 68704
Ion Ratio Lower Upper
97 100
99 63.1 51.3 76.9
61 41.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 56.048 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

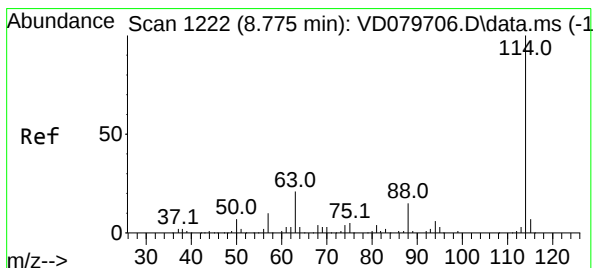
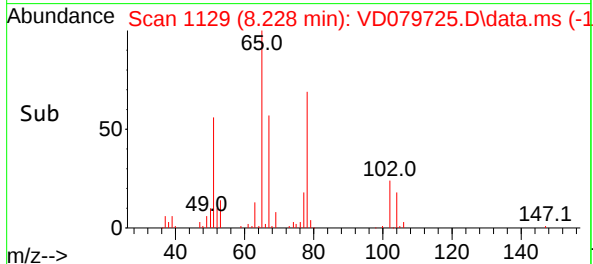
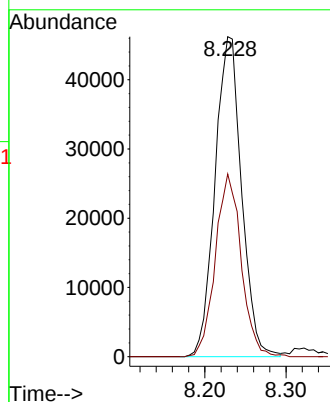
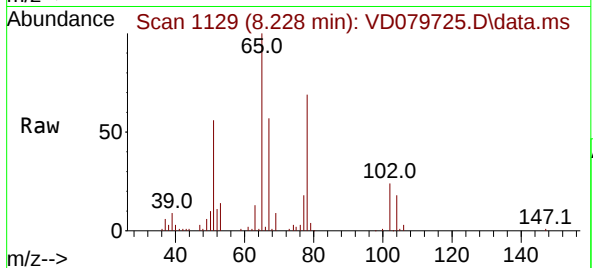
ClientSampleId :

Tgt Ion: 65 Resp: 105039

Ion Ratio Lower Upper

65 100

67 55.6 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: VD079725.D

Acq: 13 Aug 2024 18:54

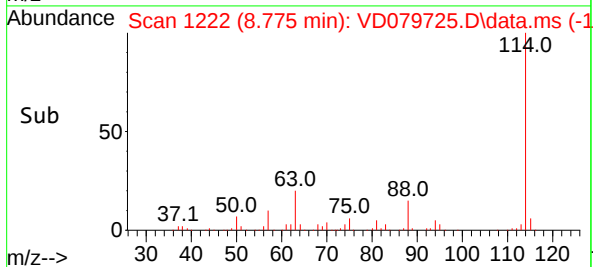
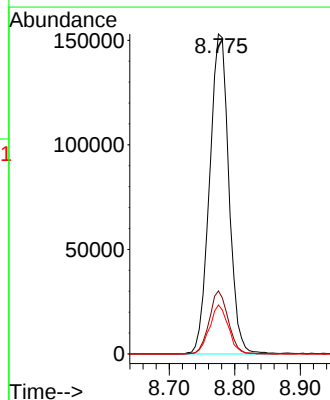
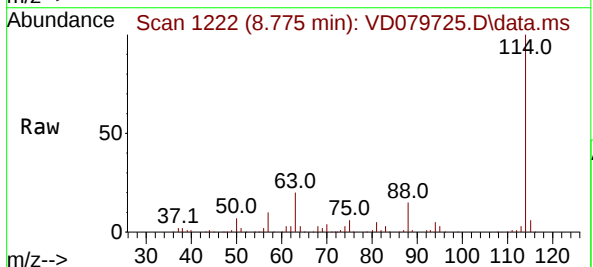
Tgt Ion:114 Resp: 313036

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.718 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

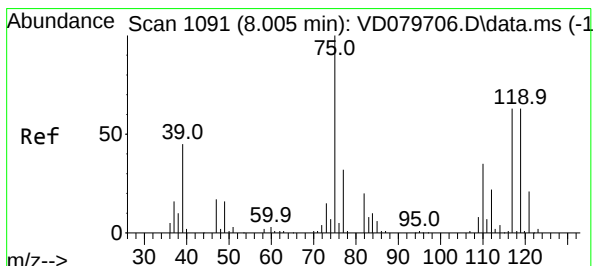
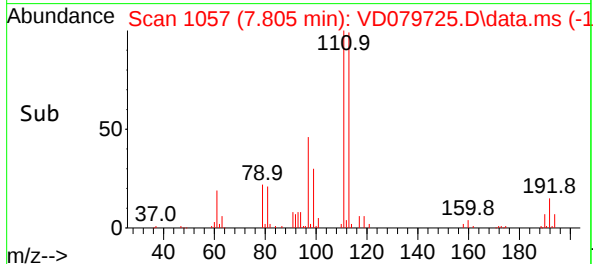
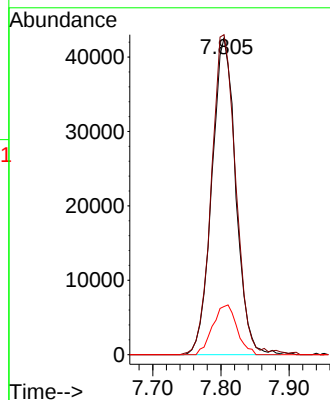
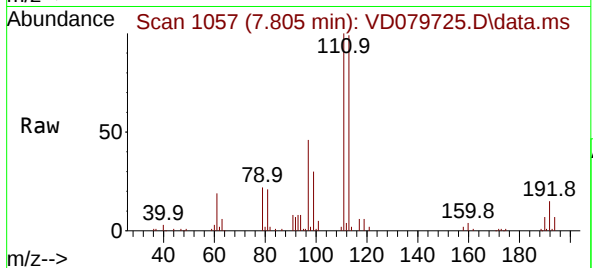
Tgt Ion:113 Resp: 103665

Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

192 15.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.864 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

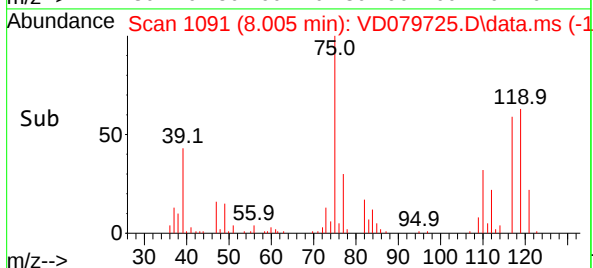
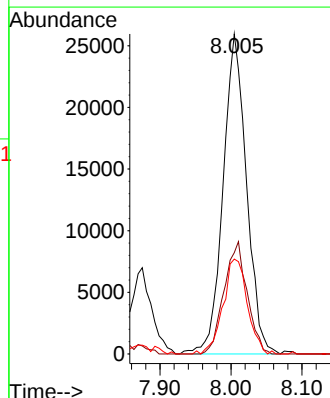
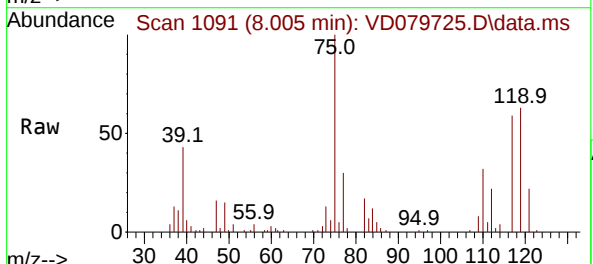
Tgt Ion: 75 Resp: 59421

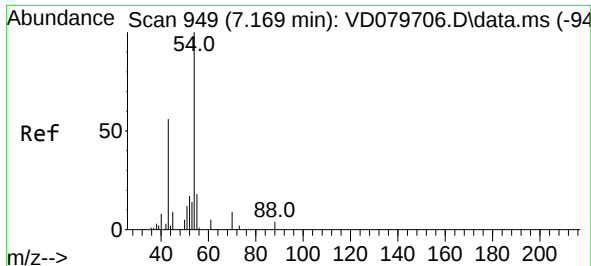
Ion Ratio Lower Upper

75 100

110 34.7 19.6 58.7

77 30.8 26.1 39.1





#37

Ethyl Acetate

Concen: 22.074 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

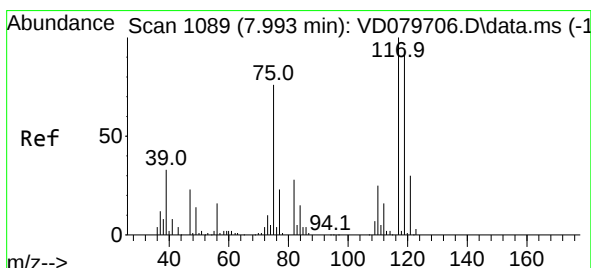
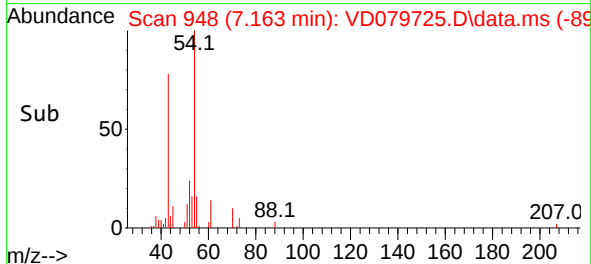
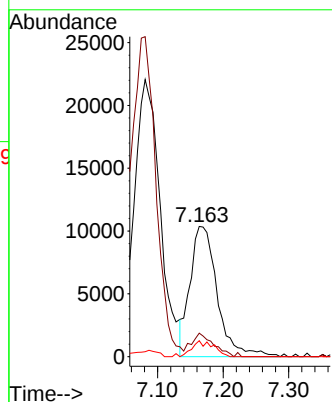
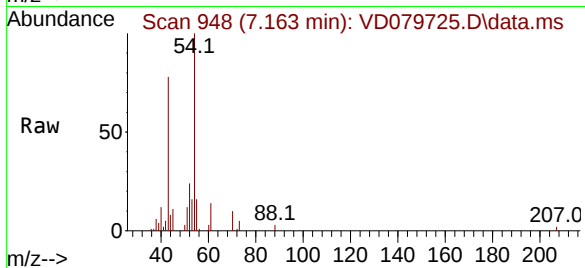
Tgt Ion: 43 Resp: 29883

Ion Ratio Lower Upper

43 100

61 14.6 13.9 20.9

70 9.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 19.751 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

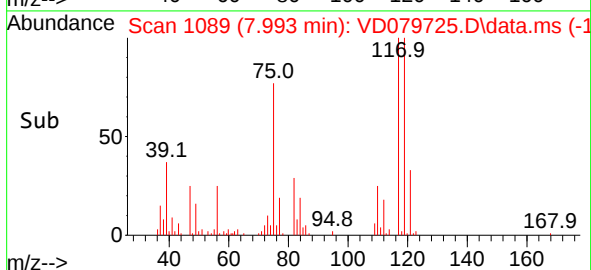
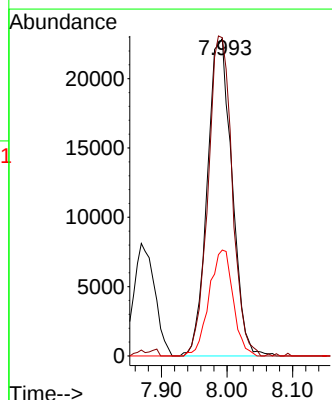
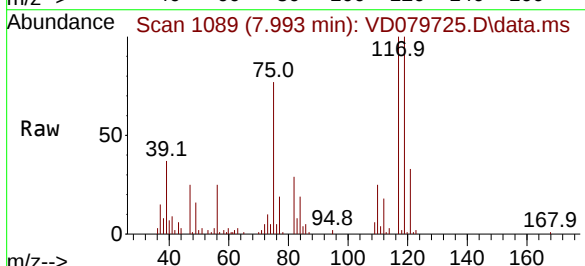
Tgt Ion: 117 Resp: 59972

Ion Ratio Lower Upper

117 100

119 100.3 75.4 113.0

121 33.4 25.0 37.4





#39

Methylcyclohexane

Concen: 19.159 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

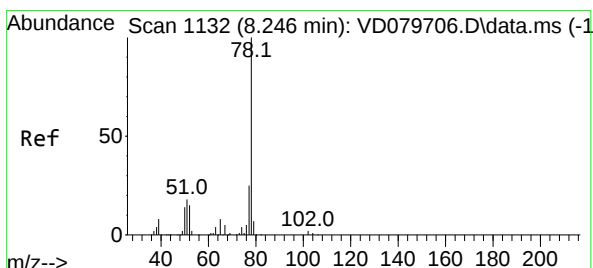
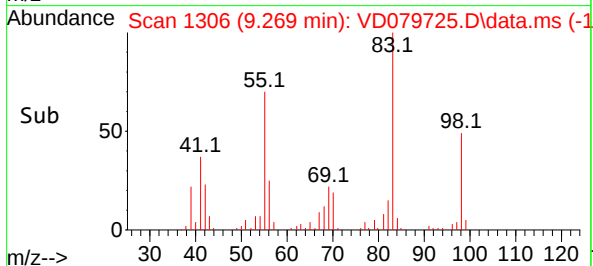
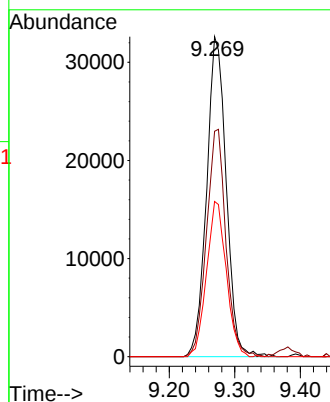
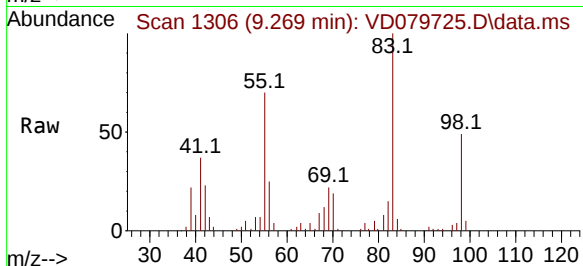
Tgt Ion: 83 Resp: 67738

Ion Ratio Lower Upper

83 100

55 70.4 50.1 75.1

98 48.5 41.9 62.9



#40

Benzene

Concen: 19.875 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD079725.D

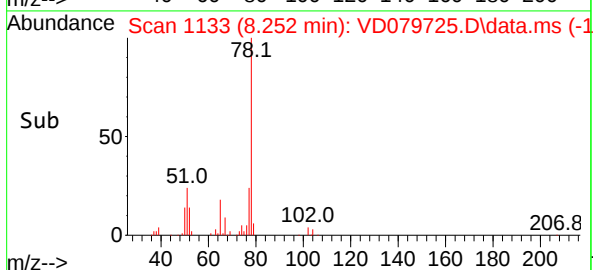
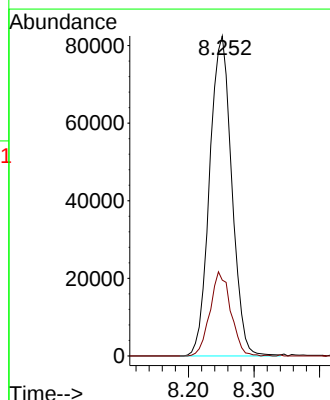
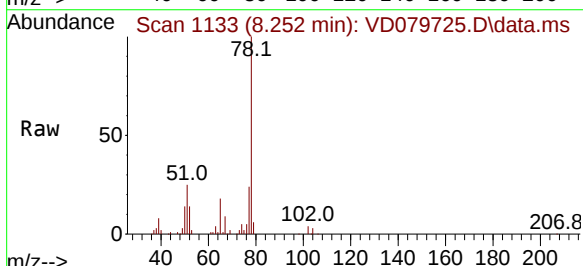
Acq: 13 Aug 2024 18:54

Tgt Ion: 78 Resp: 193359

Ion Ratio Lower Upper

78 100

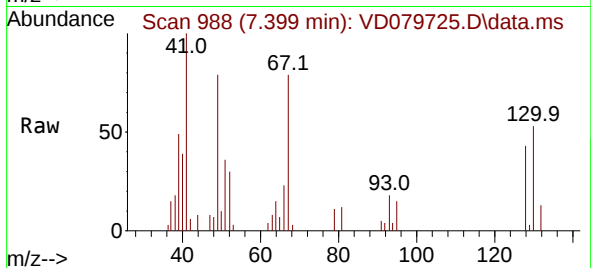
77 23.7 18.1 27.1



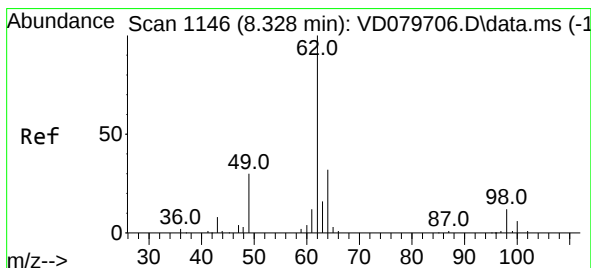
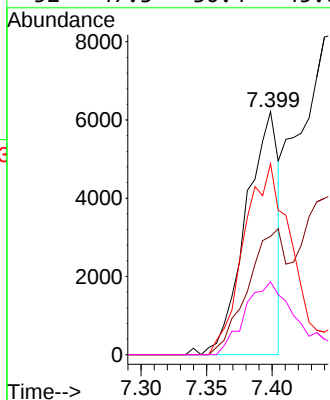
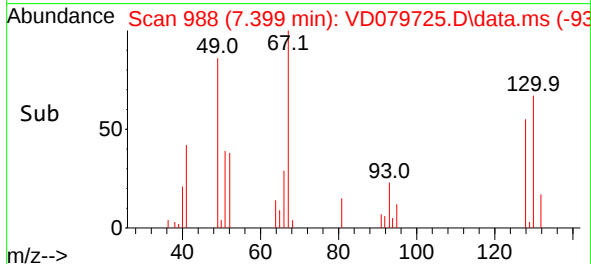


#41
Methacrylonitrile
Concen: 15.146 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :

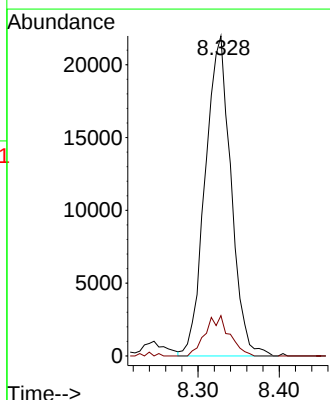
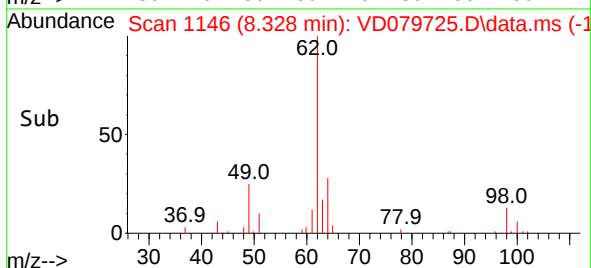
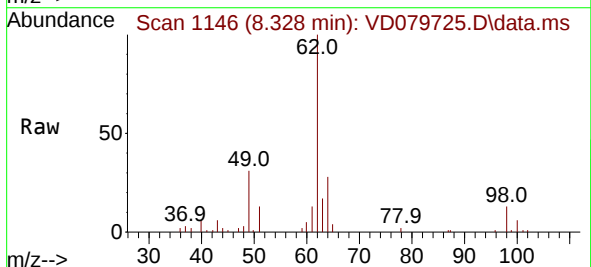


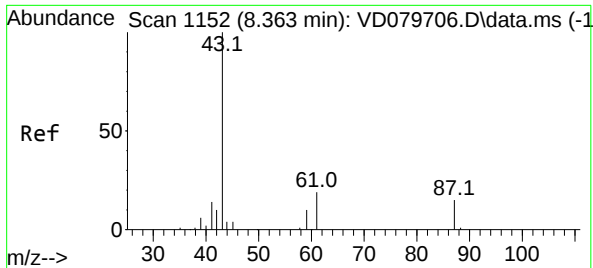
Tgt Ion:	41	Resp:	10799
Ion Ratio	100	Lower	Upper
39	59.0	41.4	62.0
67	118.3	85.8	128.6
52	47.3	30.4	45.6



#42
1,2-Dichloroethane
Concen: 21.531 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:	62	Resp:	48420
Ion Ratio	100	Lower	Upper
98	11.8	0.0	25.8

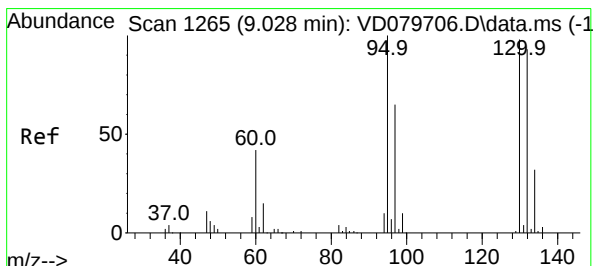
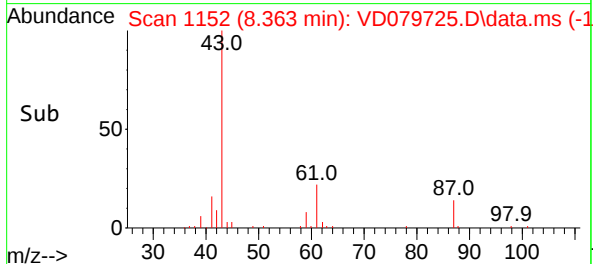
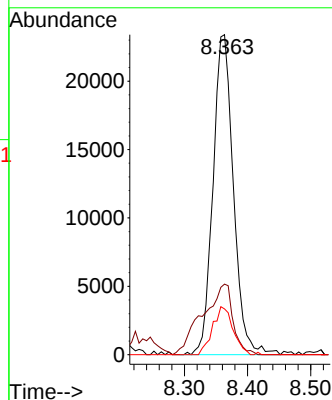
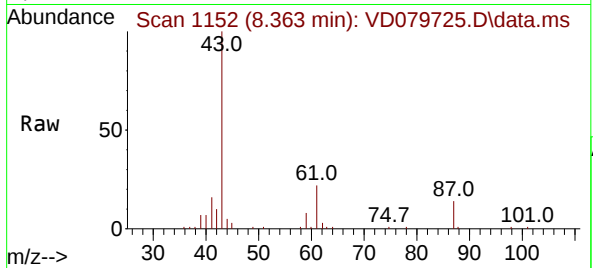




#43
Isopropyl Acetate
Concen: 22.300 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

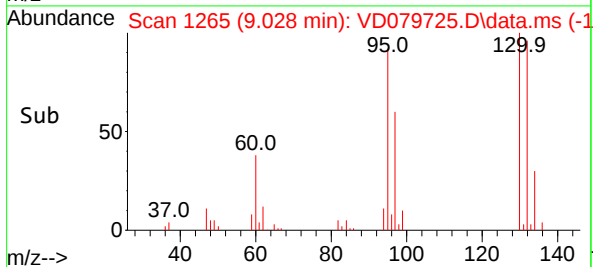
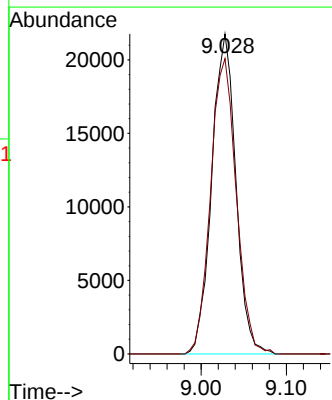
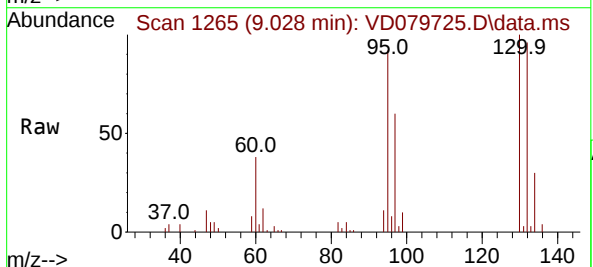
Instrument :
MSVOA_D
ClientSampleId :

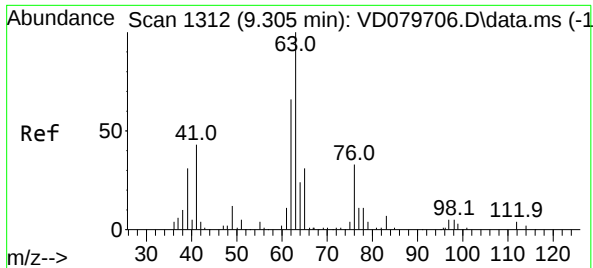
Tgt Ion: 43	Resp: 52651
Ion Ratio	Lower Upper
43	100
61	32.7 29.3 43.9
87	14.9 14.9 22.3



#44
Trichloroethene
Concen: 20.014 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 130	Resp: 42767
Ion Ratio	Lower Upper
130	100
95	92.3 0.0 177.8





#45

1,2-Dichloropropane

Concen: 20.500 ug/l

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

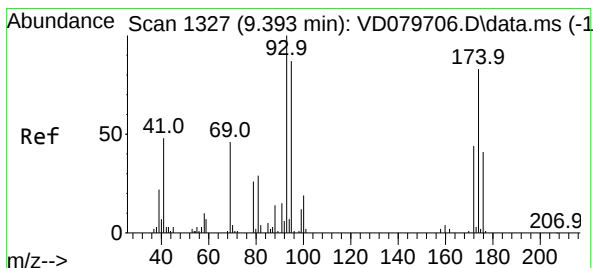
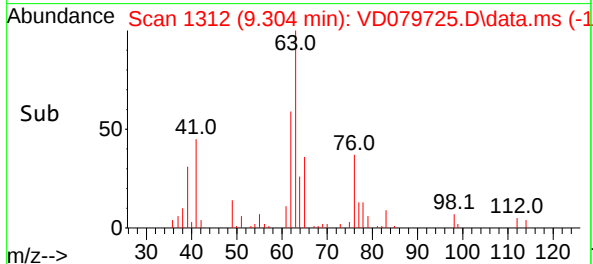
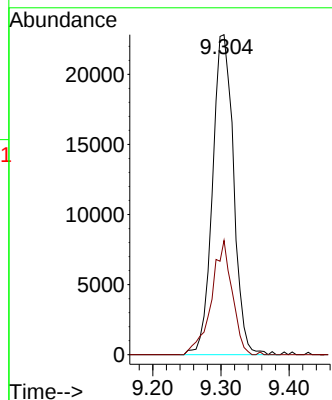
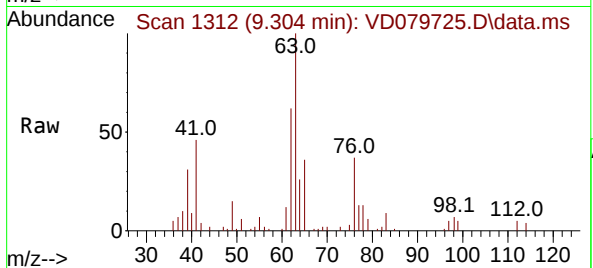
ClientSampleId :

Tgt Ion: 63 Resp: 49092

Ion Ratio Lower Upper

63 100

65 35.7 23.8 35.8



#46

Dibromomethane

Concen: 21.154 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

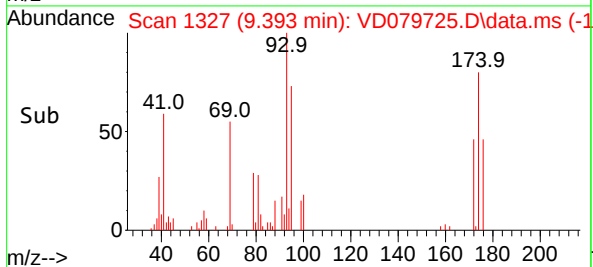
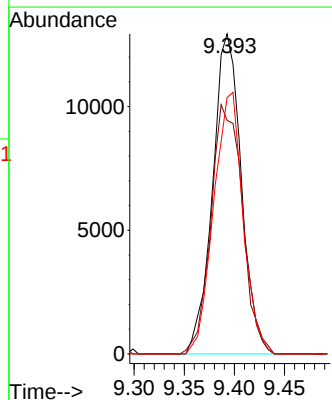
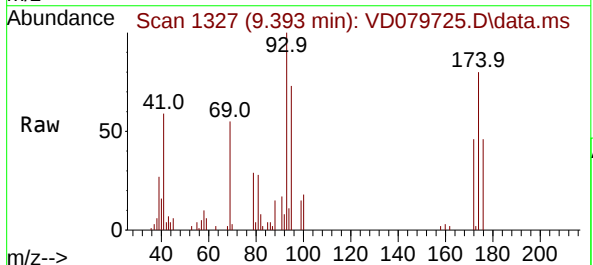
Tgt Ion: 93 Resp: 25647

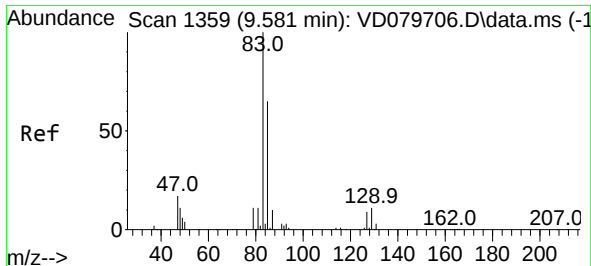
Ion Ratio Lower Upper

93 100

95 85.6 65.6 98.4

174 83.7 82.3 123.5





#47

Bromodichloromethane

Concen: 21.068 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

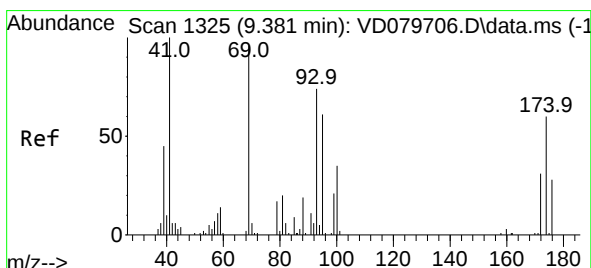
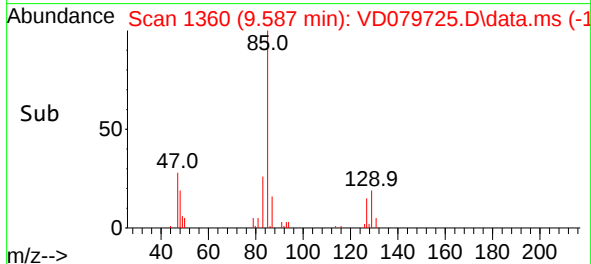
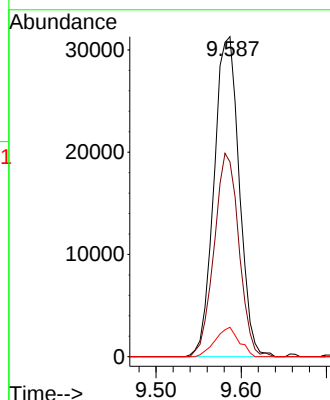
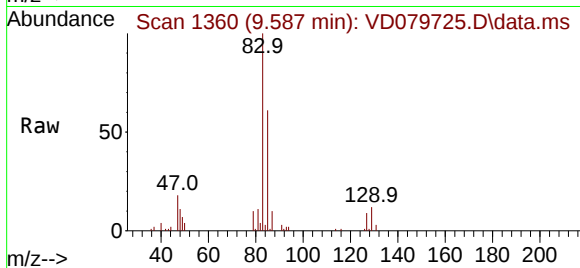
Tgt Ion: 83 Resp: 64385

Ion Ratio Lower Upper

83 100

85 60.8 50.1 75.1

127 9.2 6.8 10.2



#48

Methyl methacrylate

Concen: 20.370 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

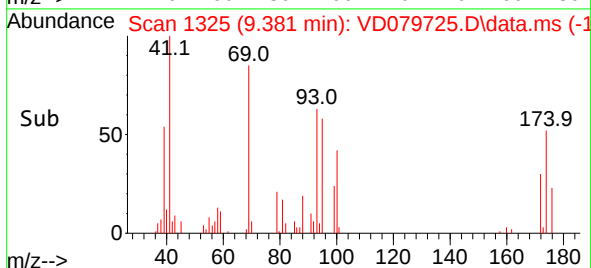
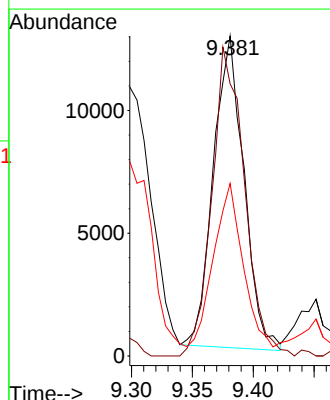
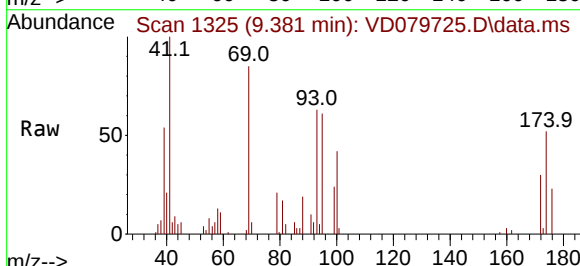
Tgt Ion: 41 Resp: 22121

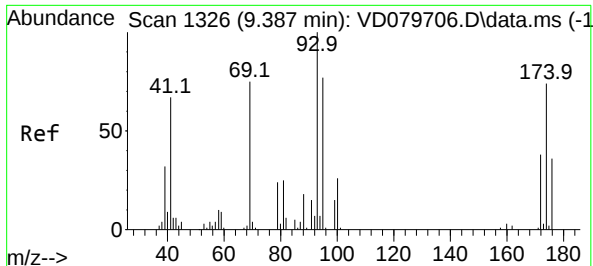
Ion Ratio Lower Upper

41 100

69 105.3 96.7 145.1

39 51.1 43.8 65.6





#49

1,4-Dioxane

Concen: 486.482 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

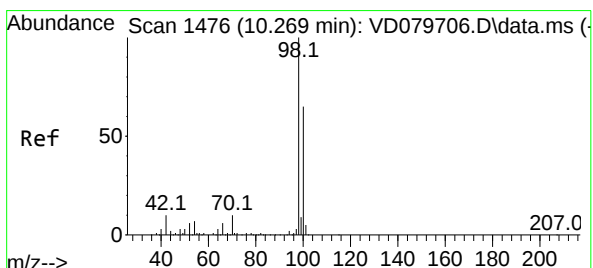
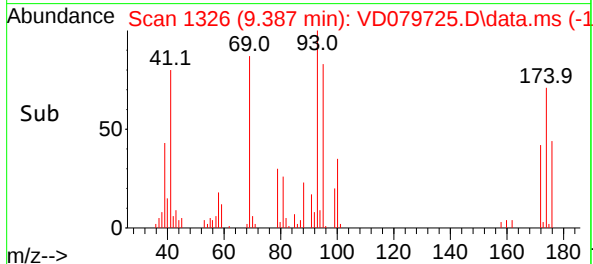
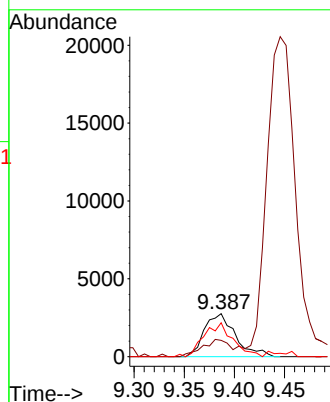
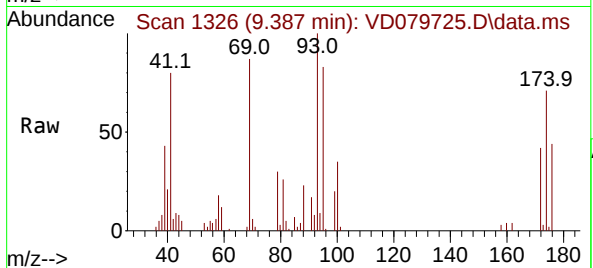
Tgt Ion: 88 Resp: 5936

Ion Ratio Lower Upper

88 100

43 41.5 21.5 32.3#

58 73.9 42.2 63.4#



#50

Toluene-d8

Concen: 53.728 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079725.D

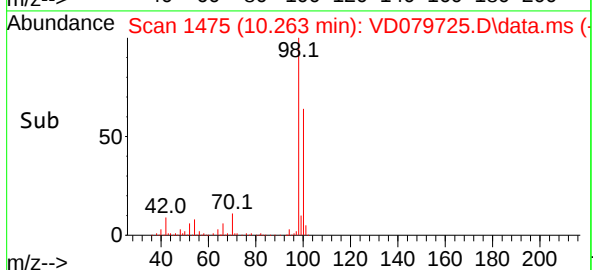
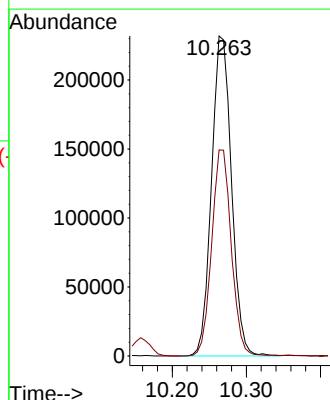
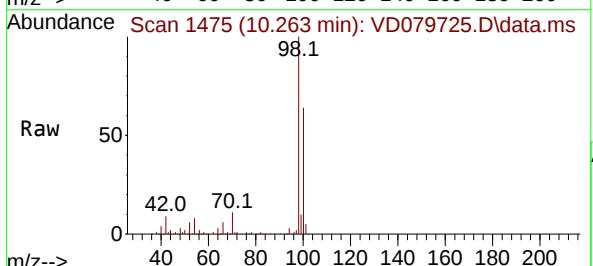
Acq: 13 Aug 2024 18:54

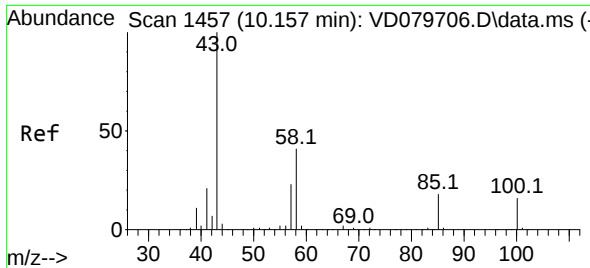
Tgt Ion: 98 Resp: 433350

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4

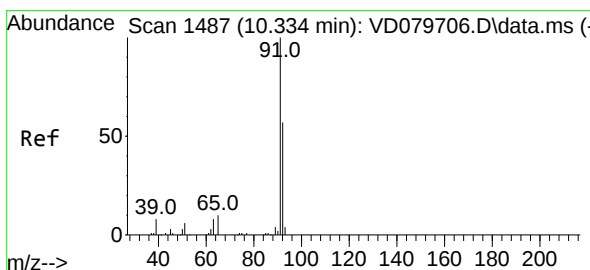
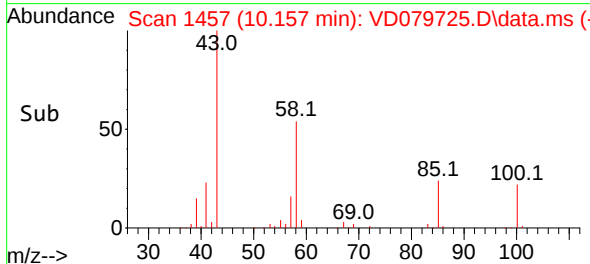
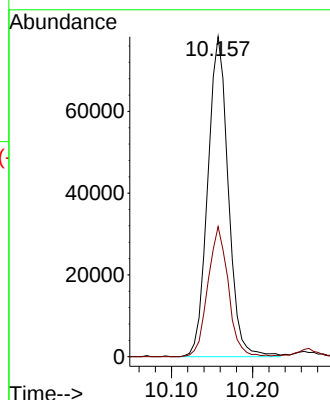
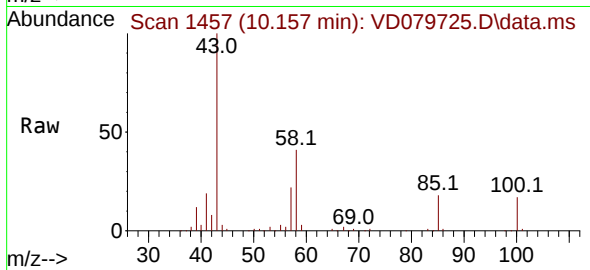




#51
4-Methyl-2-Pentanone
Concen: 113.222 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

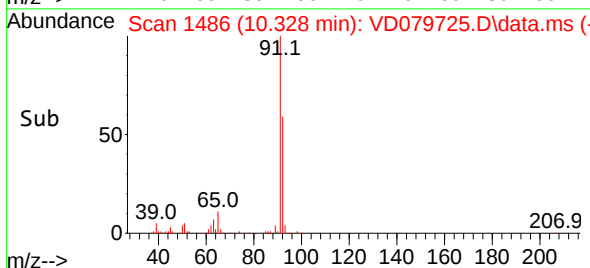
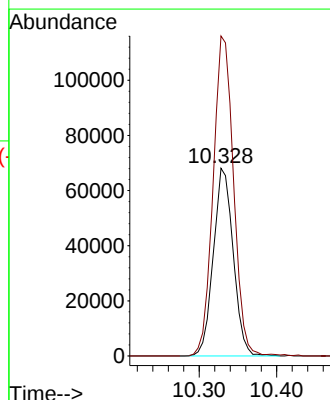
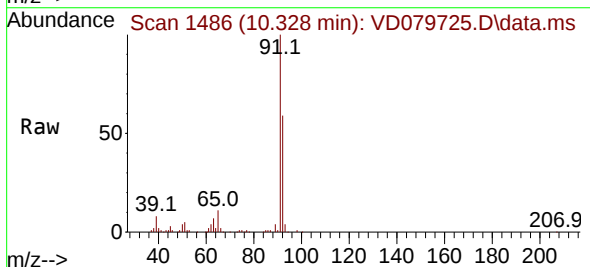
Instrument :
MSVOA_D
ClientSampleId :

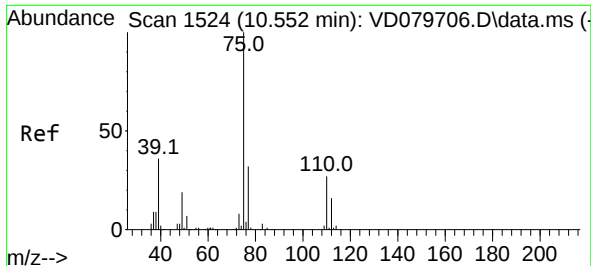
Tgt Ion: 43 Resp: 137526
Ion Ratio Lower Upper
43 100
58 40.4 36.6 55.0



#52
Toluene
Concen: 20.854 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 92 Resp: 121657
Ion Ratio Lower Upper
92 100
91 174.8 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 20.284 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

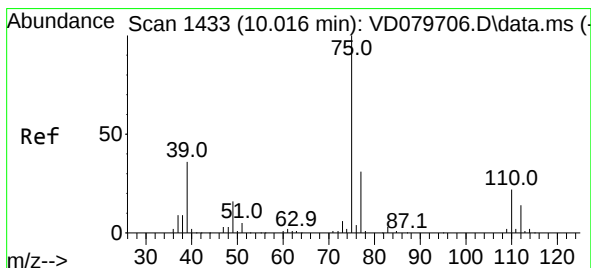
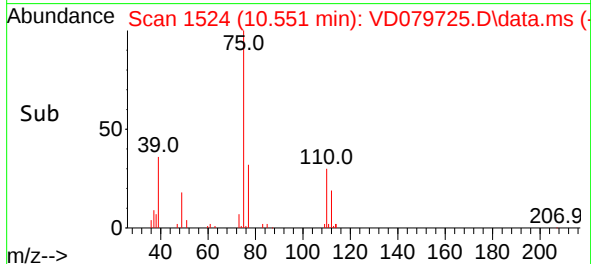
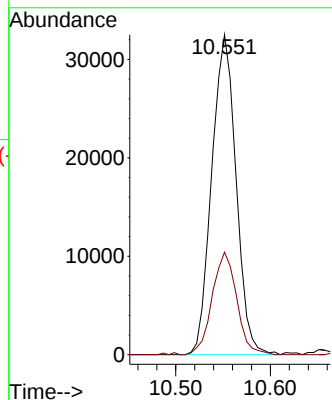
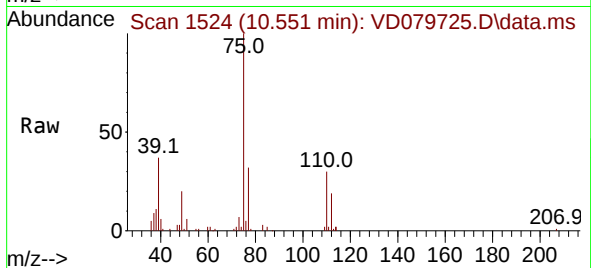
ClientSampleId :

Tgt Ion: 75 Resp: 57949

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.361 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

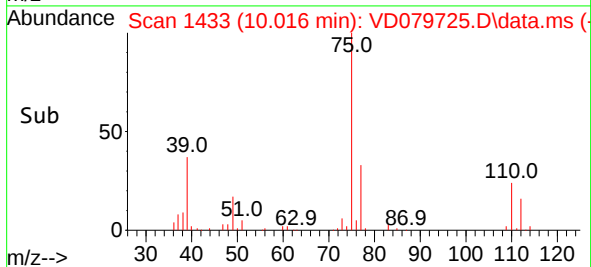
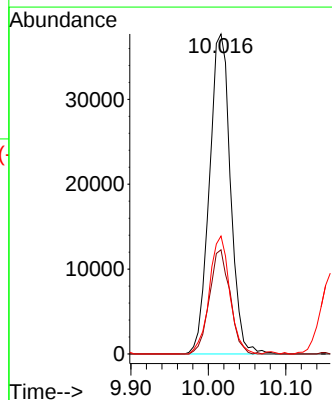
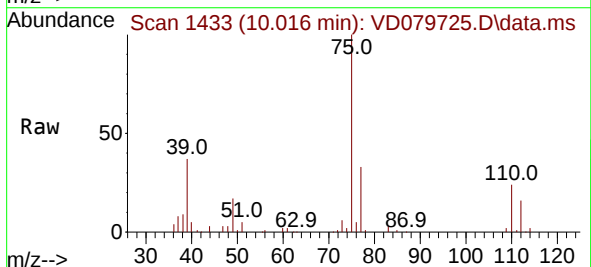
Tgt Ion: 75 Resp: 71391

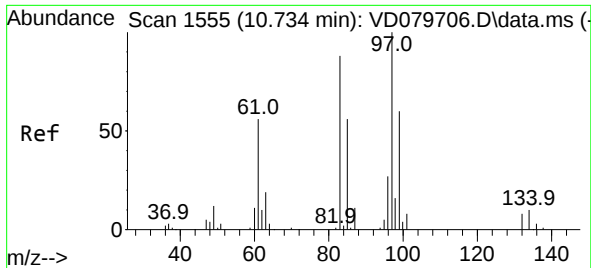
Ion Ratio Lower Upper

75 100

77 32.6 24.4 36.6

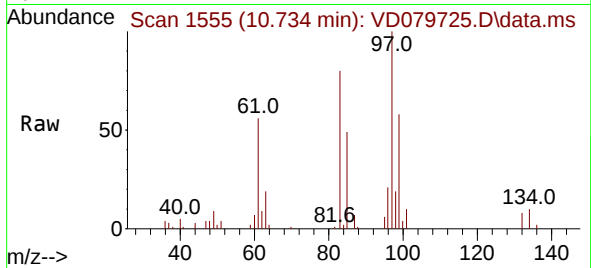
39 36.8 24.2 36.2#



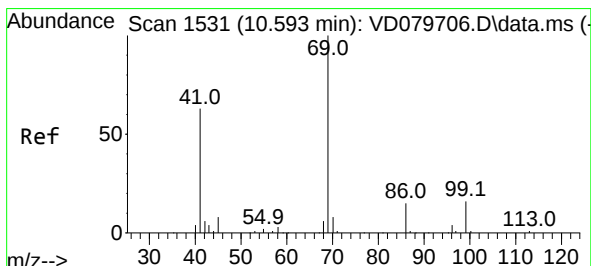
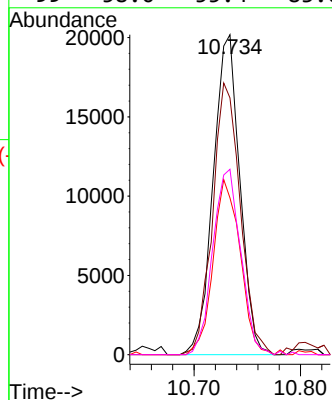
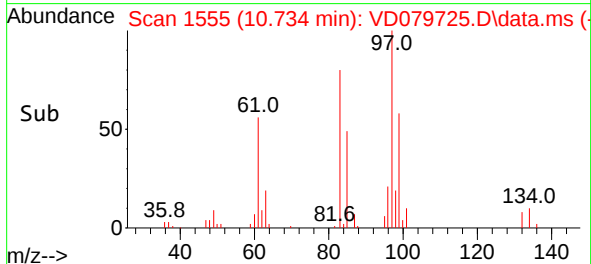


#55
1,1,2-Trichloroethane
Concen: 21.700 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

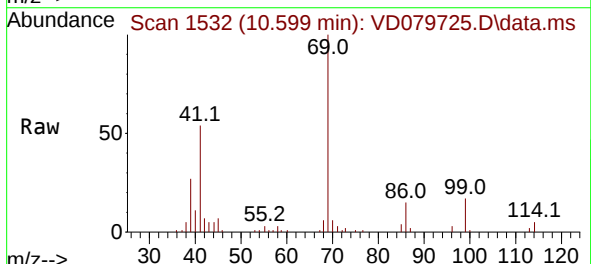
Instrument :
MSVOA_D
ClientSampleId :



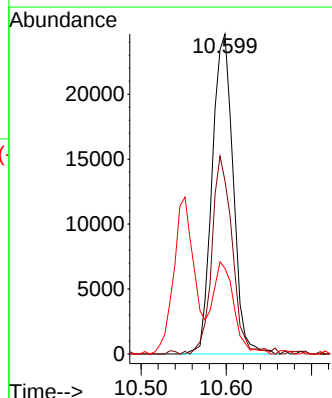
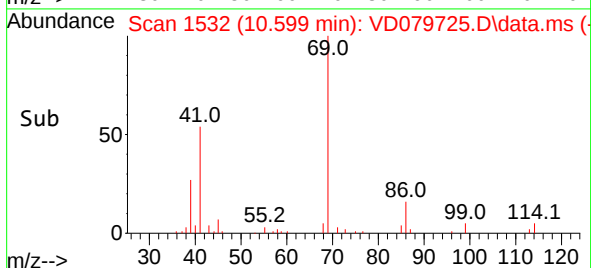
Tgt Ion:	97	Resp:	35070
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.8	98.8
85	49.0	43.8	65.8
99	58.0	55.4	83.0

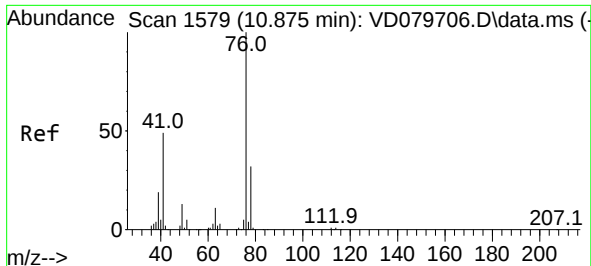


#56
Ethyl methacrylate
Concen: 22.837 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54



Tgt Ion:	69	Resp:	42130
Ion	Ratio	Lower	Upper
69	100		
41	60.6	39.8	59.6#
39	28.9	20.2	30.4





#57

1,3-Dichloropropane

Concen: 22.111 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

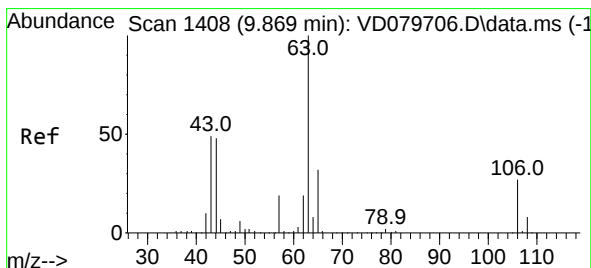
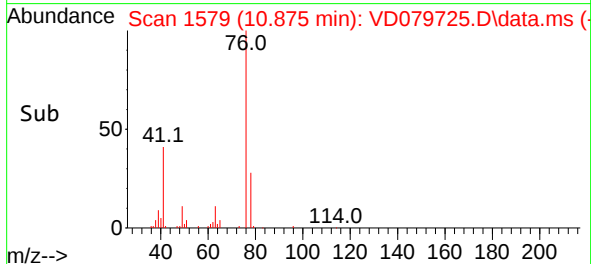
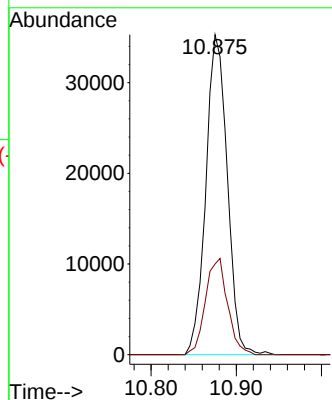
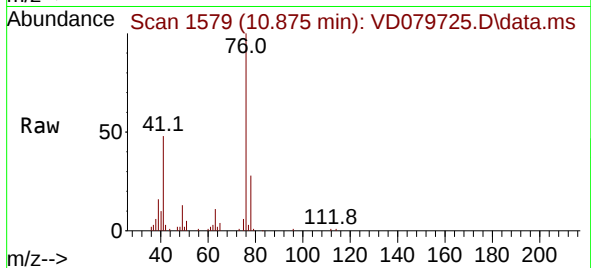
ClientSampleId :

Tgt Ion: 76 Resp: 61606

Ion Ratio Lower Upper

76 100

78 31.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 111.841 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079725.D

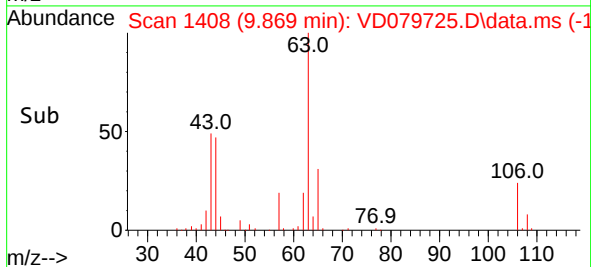
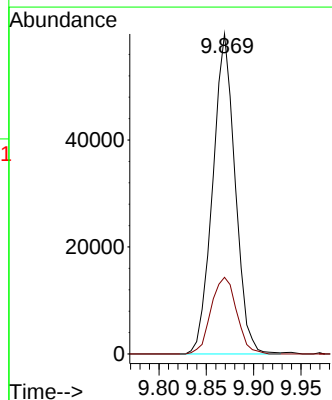
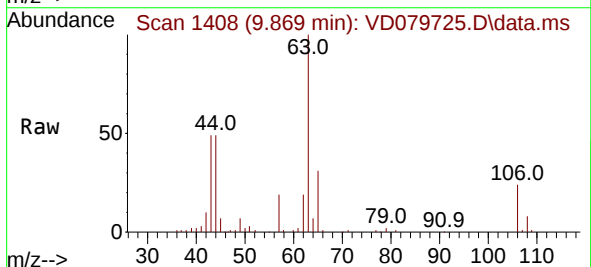
Acq: 13 Aug 2024 18:54

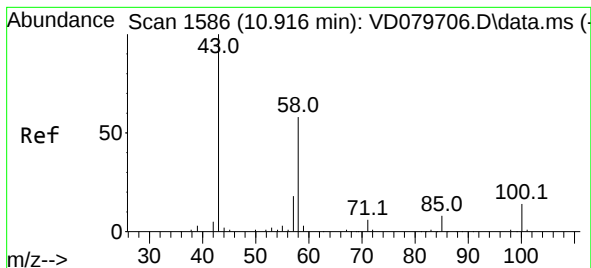
Tgt Ion: 63 Resp: 98570

Ion Ratio Lower Upper

63 100

106 27.3 26.4 39.6





#59

2-Hexanone

Concen: 116.597 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

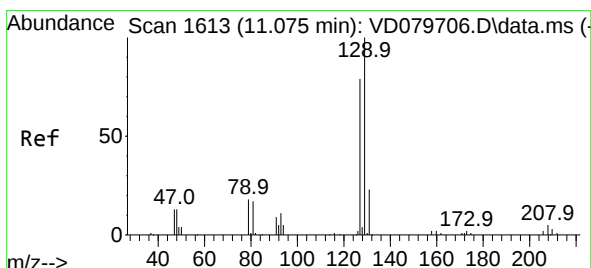
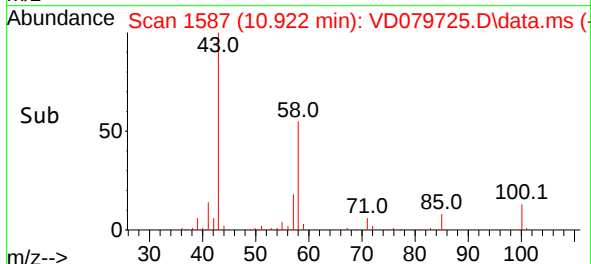
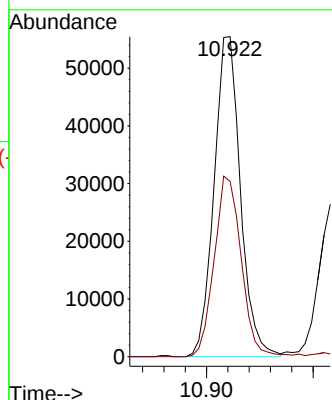
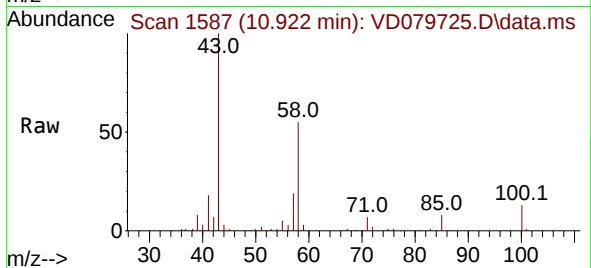
ClientSampleId :

Tgt Ion: 43 Resp: 95274

Ion Ratio Lower Upper

43 100

58 57.6 31.1 93.5



#60

Dibromochloromethane

Concen: 21.559 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD079725.D

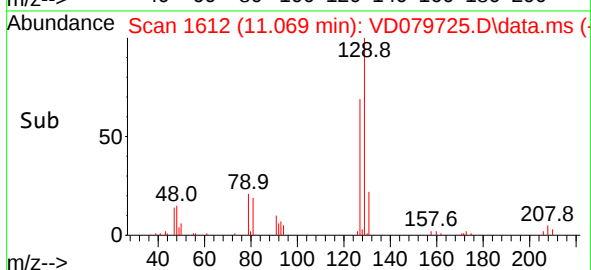
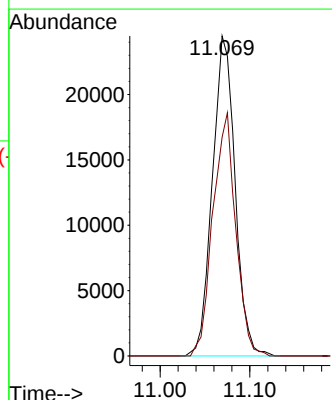
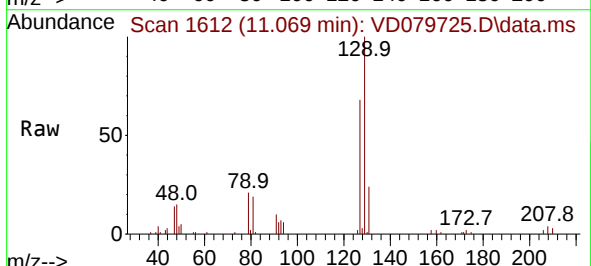
Acq: 13 Aug 2024 18:54

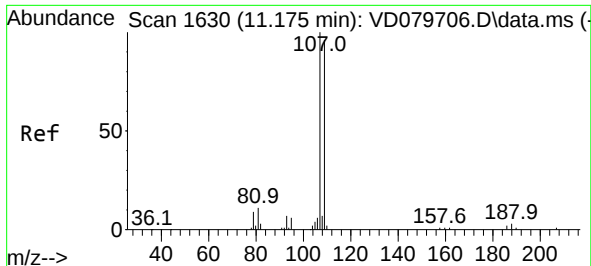
Tgt Ion:129 Resp: 42928

Ion Ratio Lower Upper

129 100

127 76.8 38.0 113.9

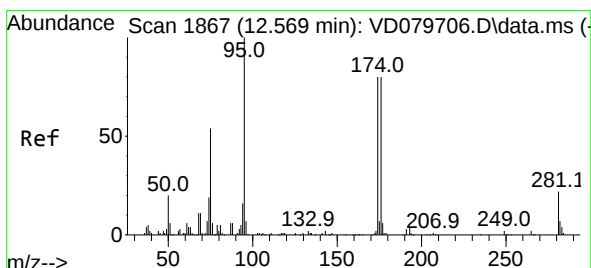
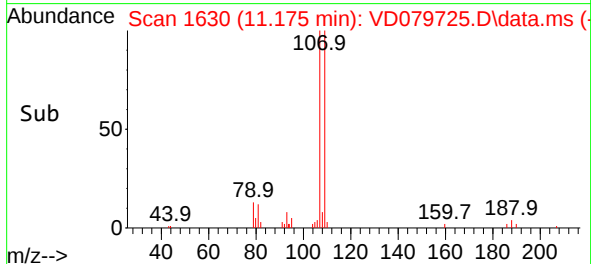
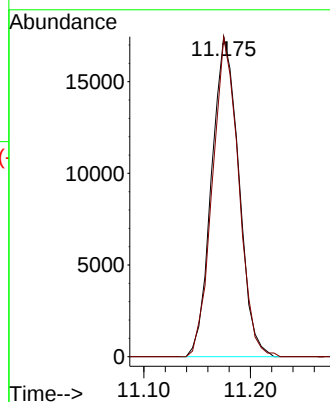
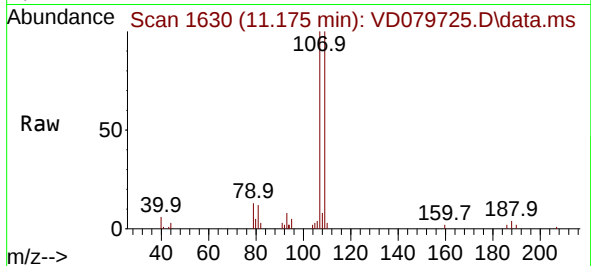




#61
1,2-Dibromoethane
Concen: 21.543 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

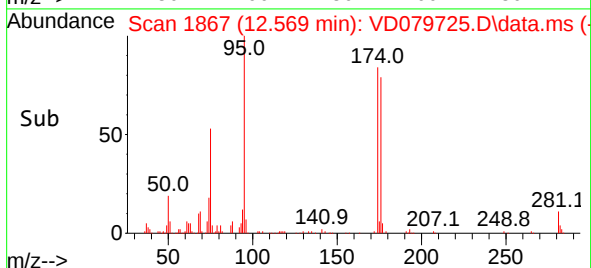
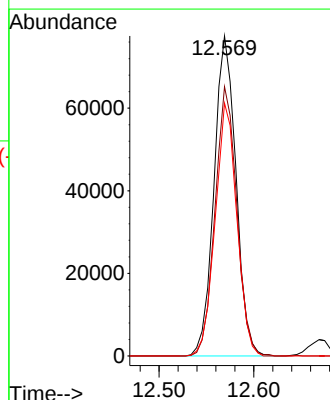
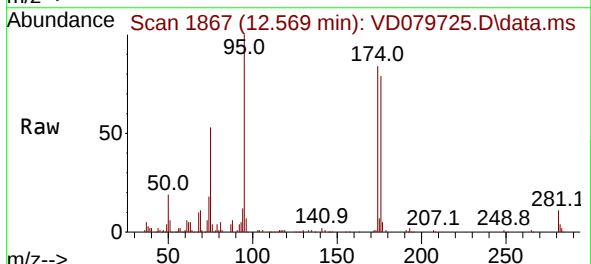
Instrument :
MSVOA_D
ClientSampleId :

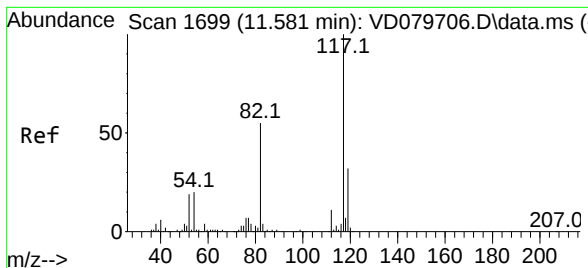
Tgt Ion:107 Resp: 30917
Ion Ratio Lower Upper
107 100
109 96.3 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 55.074 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

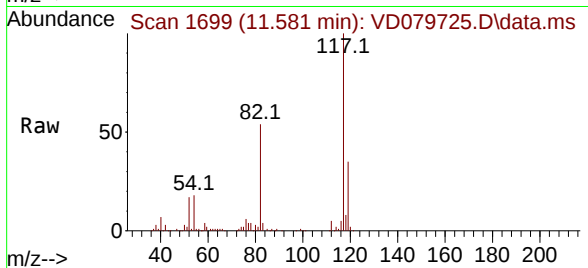
Tgt Ion: 95 Resp: 124378
Ion Ratio Lower Upper
95 100
174 83.5 0.0 195.4
176 78.2 0.0 192.6



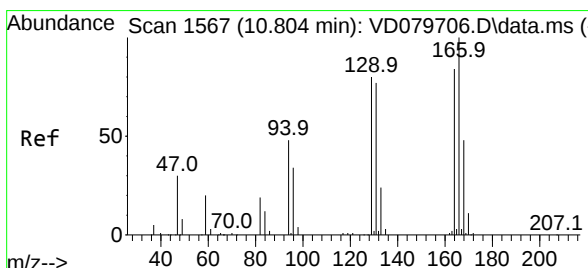
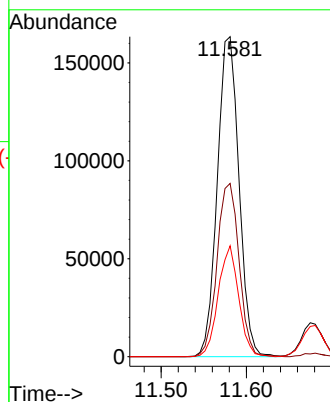
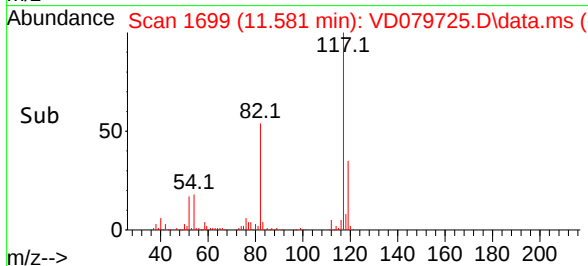


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

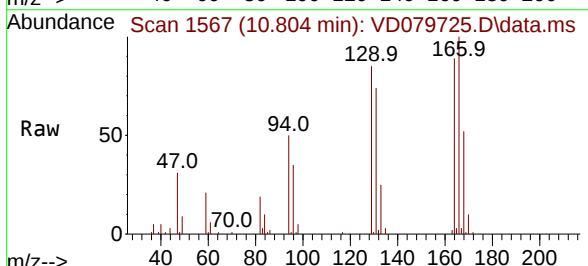
Instrument :
MSVOA_D
ClientSampleId :



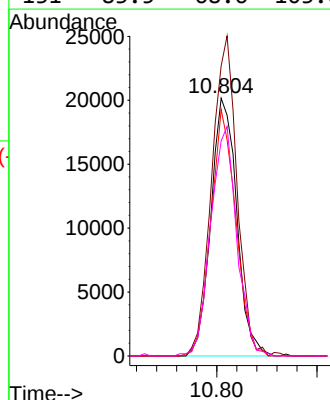
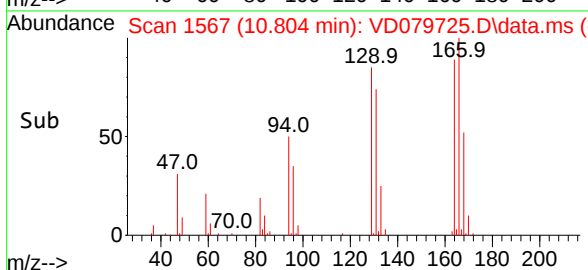
Tgt Ion:117 Resp: 288997
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 34.7 25.7 38.5

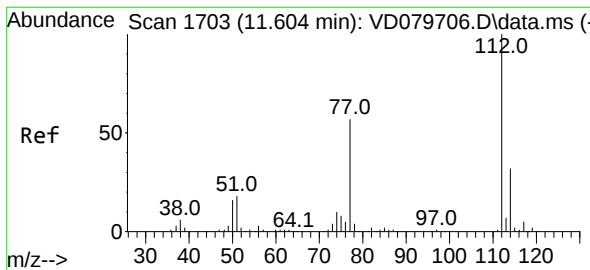


#64
Tetrachloroethene
Concen: 20.400 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54



Tgt Ion:164 Resp: 36023
Ion Ratio Lower Upper
164 100
166 112.5 108.6 163.0
129 95.6 74.6 112.0
131 83.5 68.6 103.0

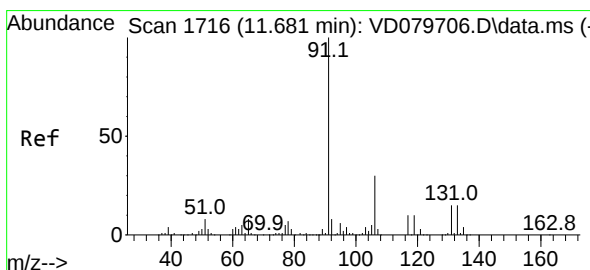
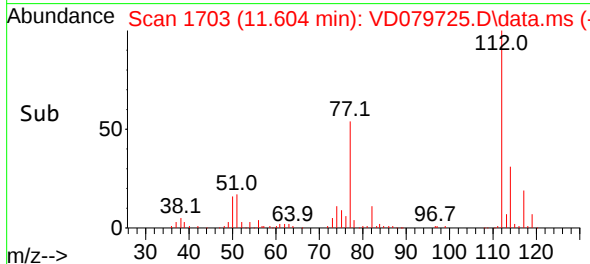
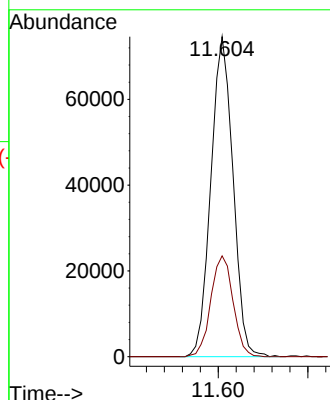
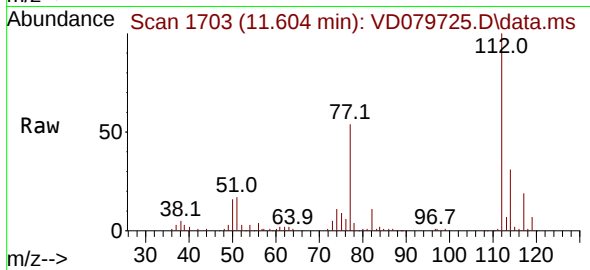




#65
Chlorobenzene
Concen: 20.122 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

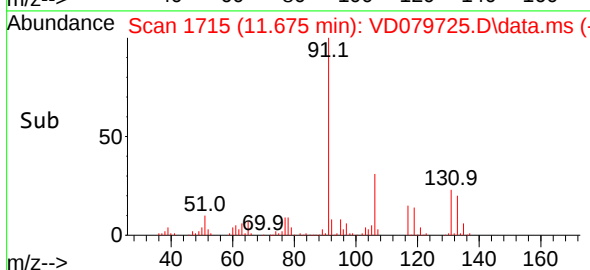
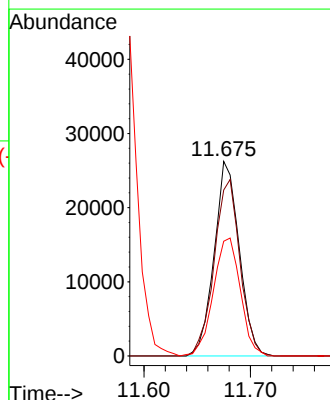
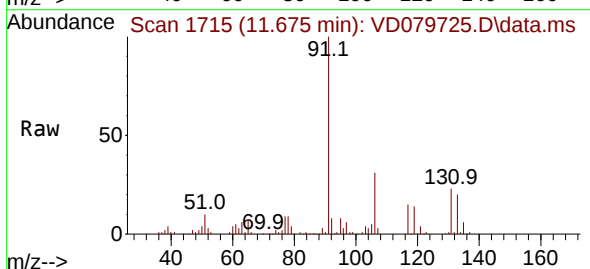
Instrument :
MSVOA_D
ClientSampleId :

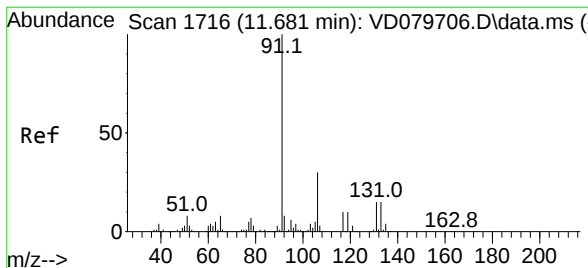
Tgt Ion:112 Resp: 127690
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.741 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:131 Resp: 42911
Ion Ratio Lower Upper
131 100
133 93.3 49.2 147.6
119 65.2 33.4 100.2

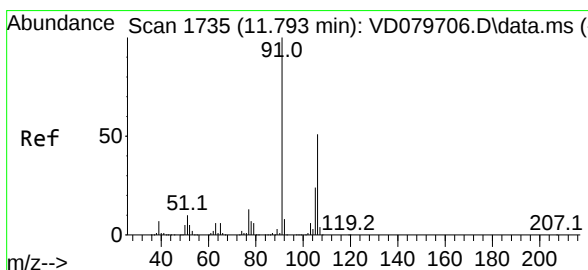
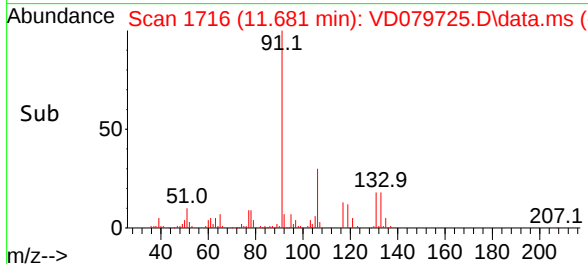
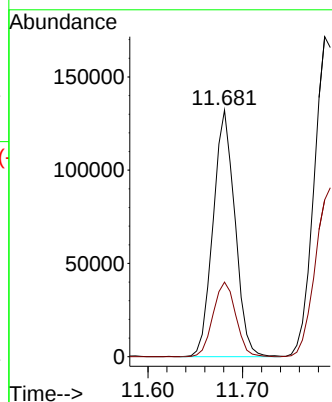
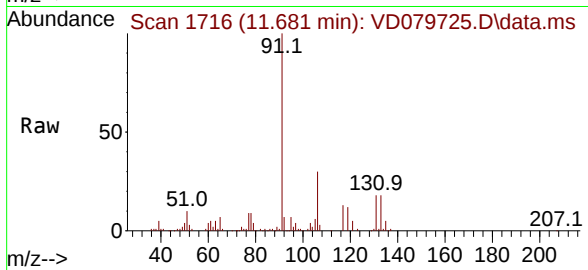




#67
Ethyl Benzene
Concen: 19.044 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

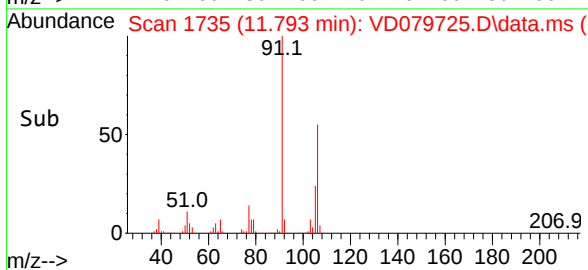
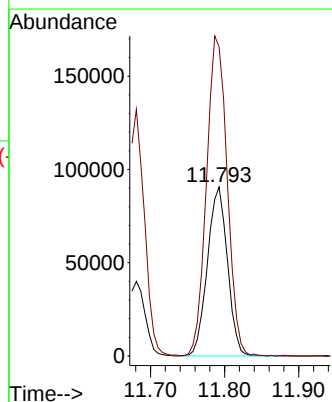
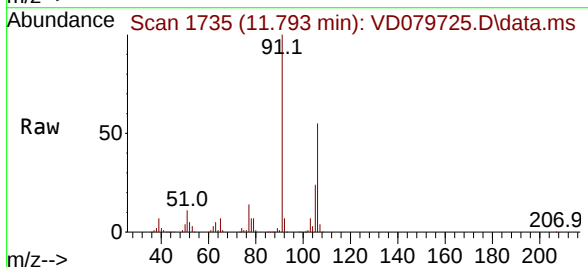
Instrument :
MSVOA_D
ClientSampleId :

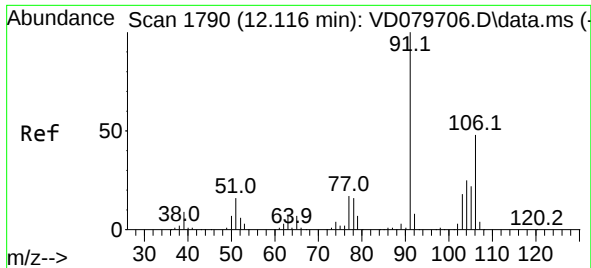
Tgt Ion: 91 Resp: 212054
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.6



#68
m/p-Xylenes
Concen: 39.271 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 106 Resp: 170036
Ion Ratio Lower Upper
106 100
91 195.5 148.5 222.7

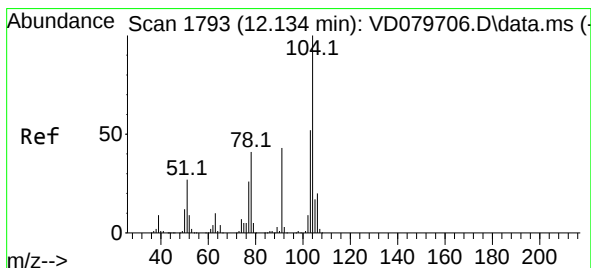
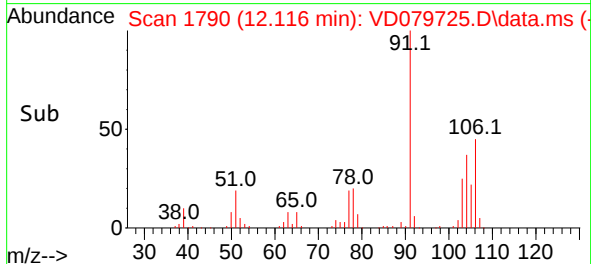
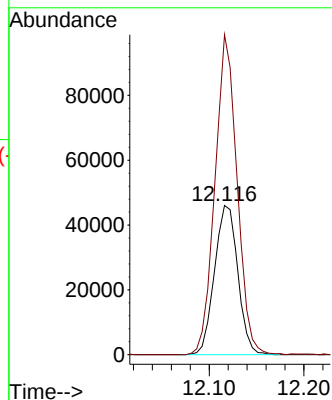
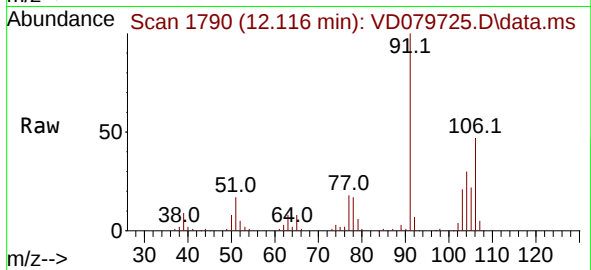




#69
o-Xylene
Concen: 19.857 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

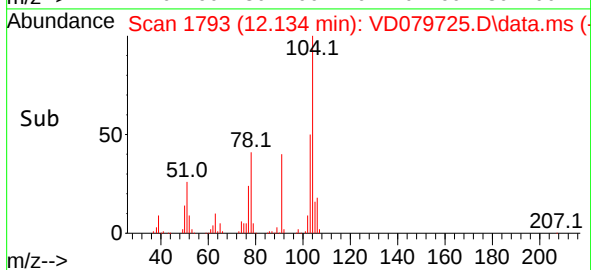
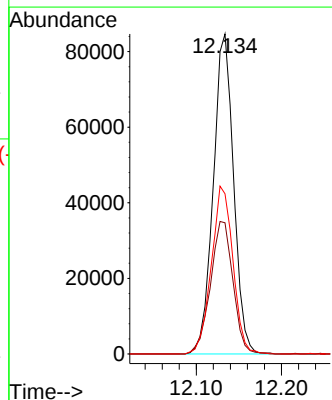
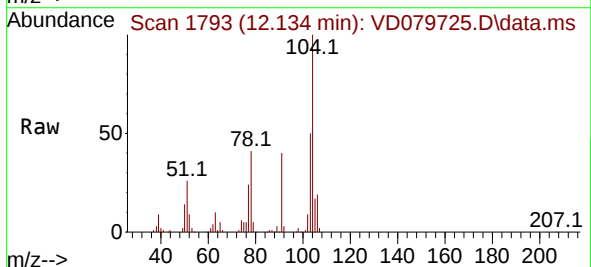
Instrument :
MSVOA_D
ClientSampleId :

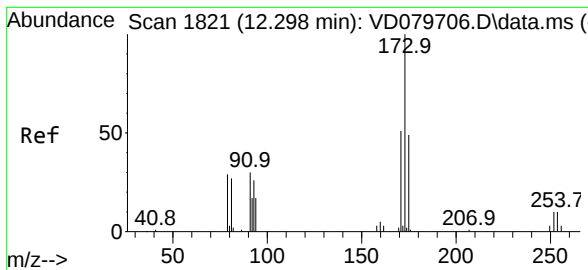
Tgt Ion:106 Resp: 78580
Ion Ratio Lower Upper
106 100
91 204.0 96.7 290.1



#70
Styrene
Concen: 20.226 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:104 Resp: 140412
Ion Ratio Lower Upper
104 100
78 45.8 33.0 49.6
103 55.6 44.2 66.4

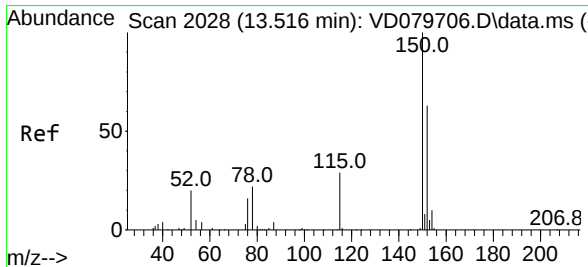
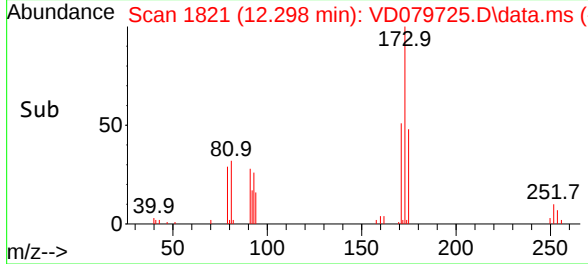
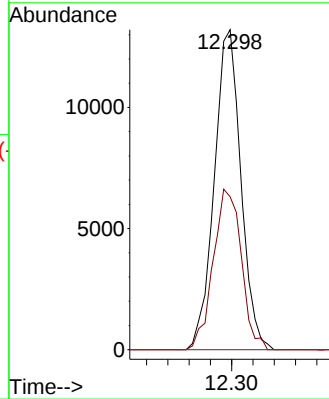
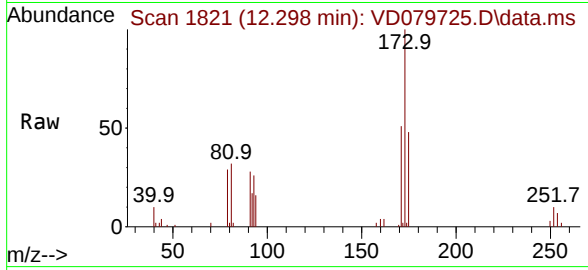




#71
Bromoform
Concen: 21.523 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

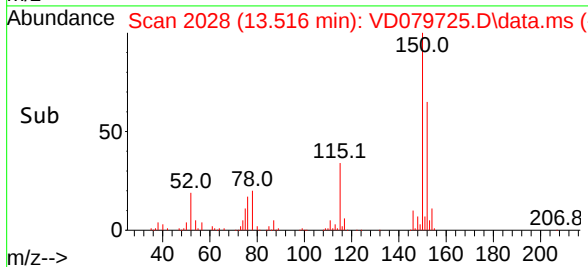
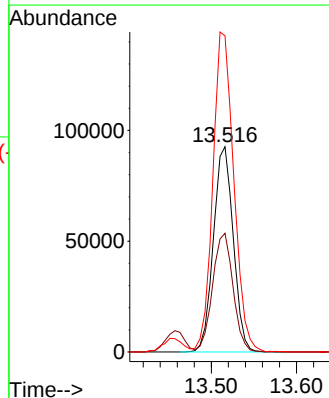
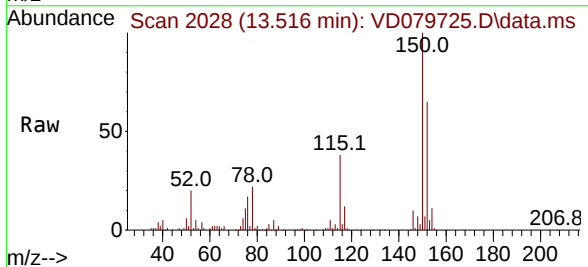
Instrument :
MSVOA_D
ClientSampleId :

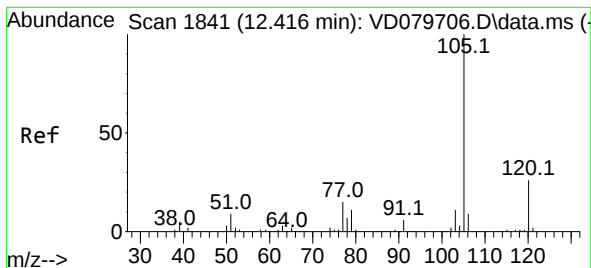
Tgt Ion:173 Resp: 22889
Ion Ratio Lower Upper
173 100
175 52.9 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:152 Resp: 150368
Ion Ratio Lower Upper
152 100
115 59.5 26.5 79.5
150 164.0 0.0 341.6





#73

Isopropylbenzene

Concen: 18.273 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

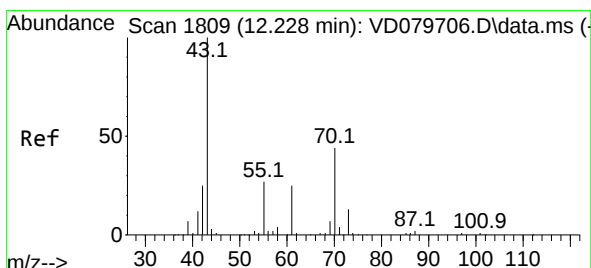
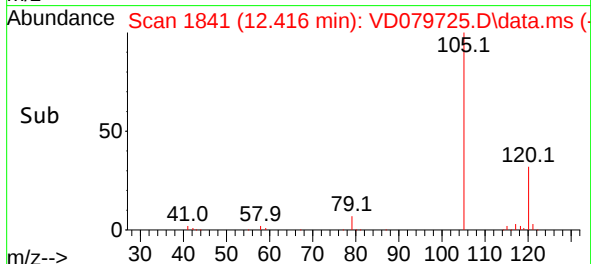
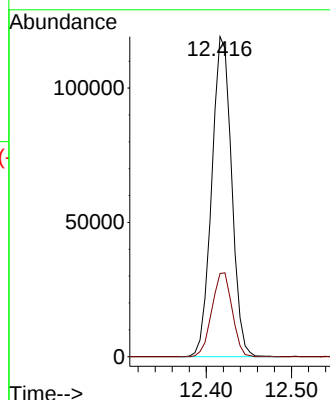
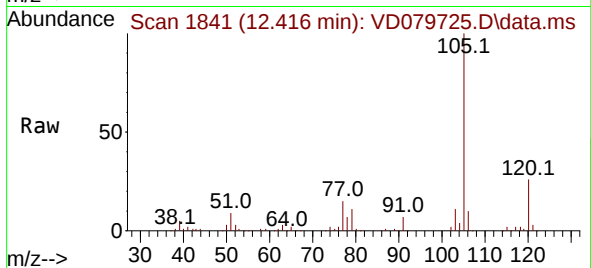
ClientSampleId :

Tgt Ion:105 Resp: 192898

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 22.271 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Tgt Ion: 43 Resp: 52380

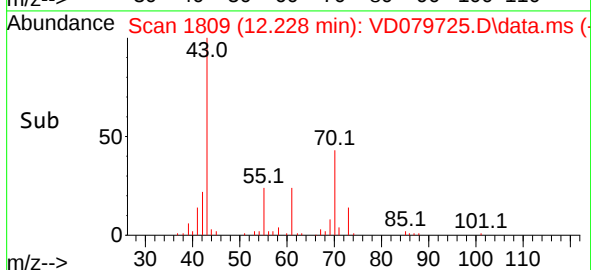
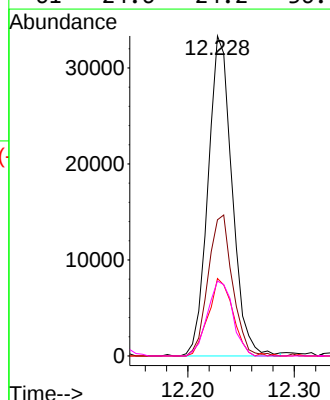
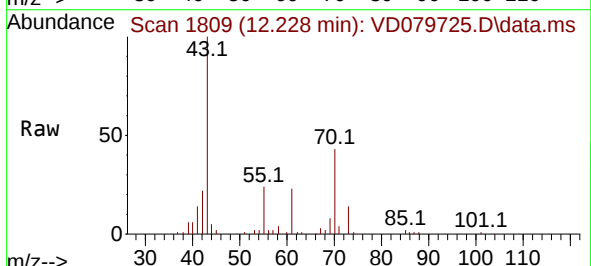
Ion Ratio Lower Upper

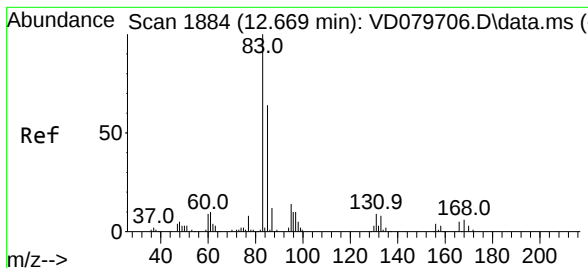
43 100

70 44.7 44.3 66.5

55 24.8 23.2 34.8

61 24.6 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.028 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

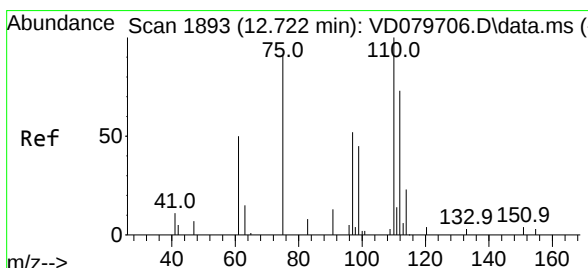
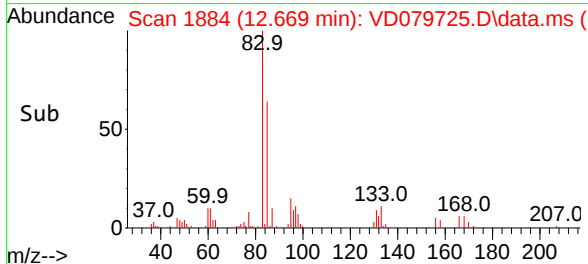
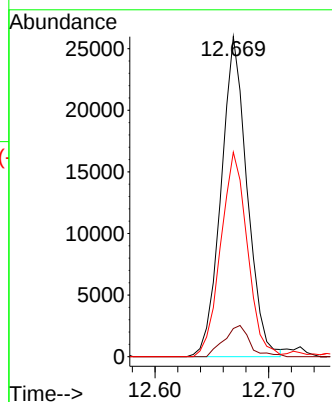
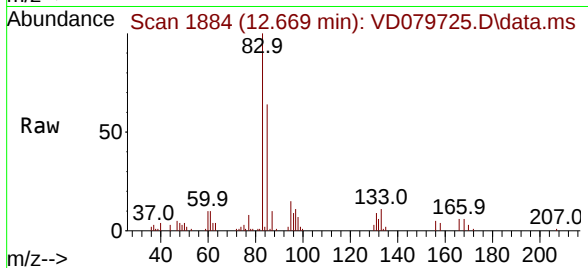
Tgt Ion: 83 Resp: 41448

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

85 65.4 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 42.388 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079725.D

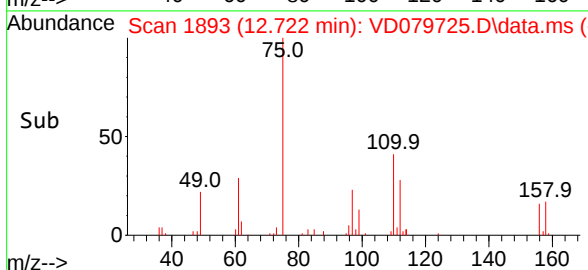
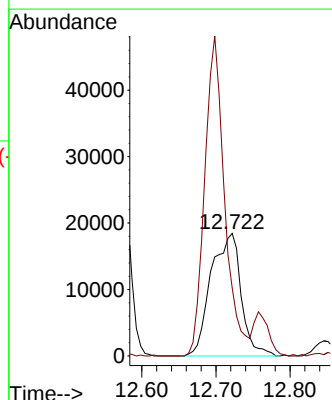
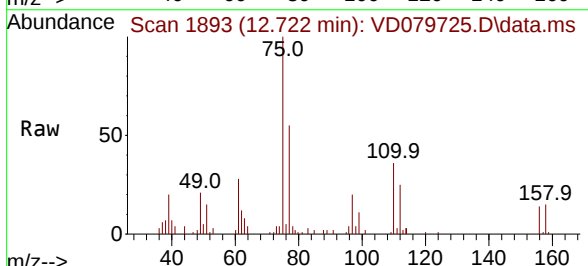
Acq: 13 Aug 2024 18:54

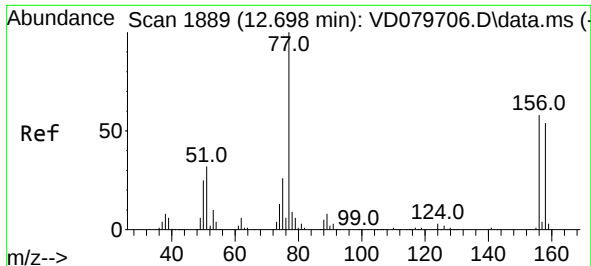
Tgt Ion: 75 Resp: 51961

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

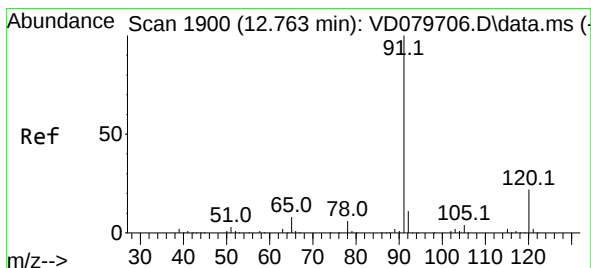
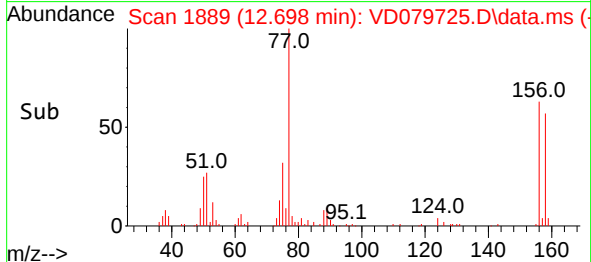
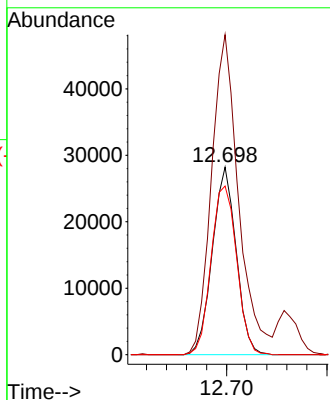
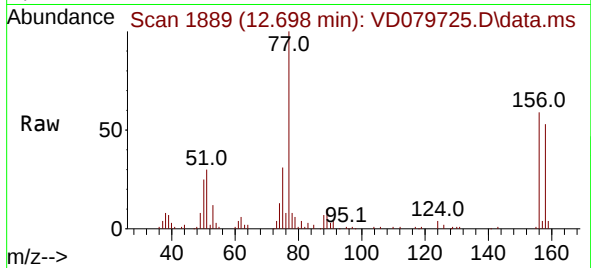




#77
Bromobenzene
Concen: 19.699 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

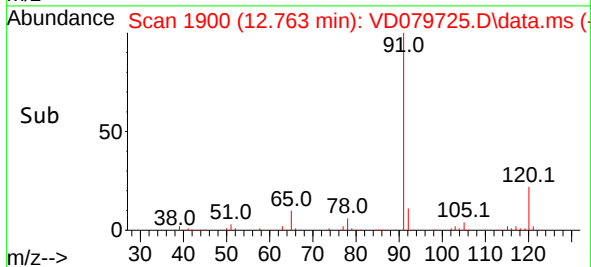
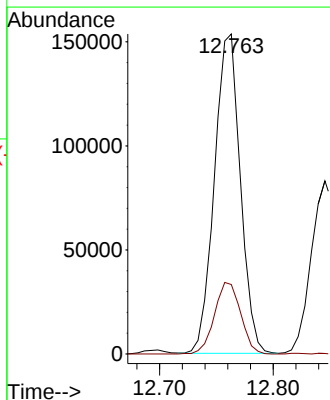
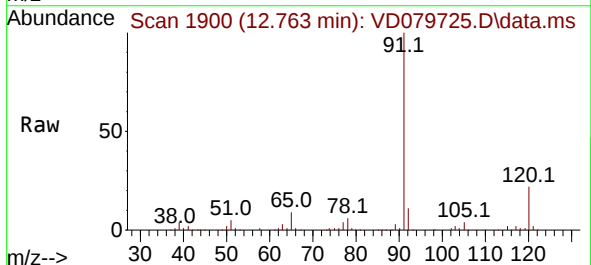
Instrument :
MSVOA_D
ClientSampleId :

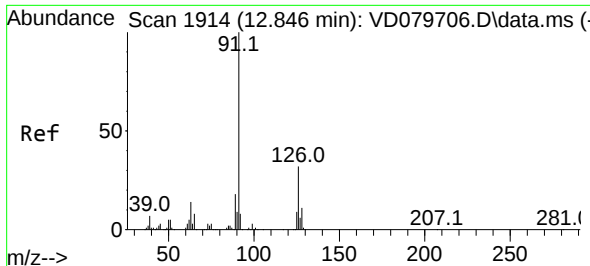
Tgt Ion:156 Resp: 46509
Ion Ratio Lower Upper
156 100
77 194.5 77.3 231.9
158 96.8 49.6 149.0



#78
n-propylbenzene
Concen: 18.634 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 91 Resp: 243415
Ion Ratio Lower Upper
91 100
120 22.6 12.3 36.8

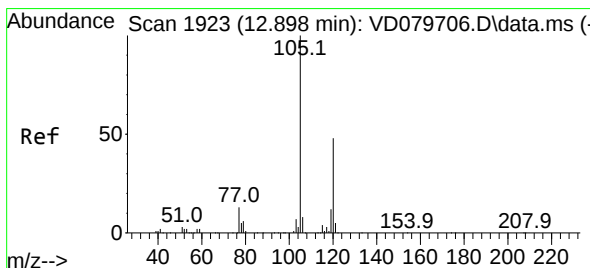
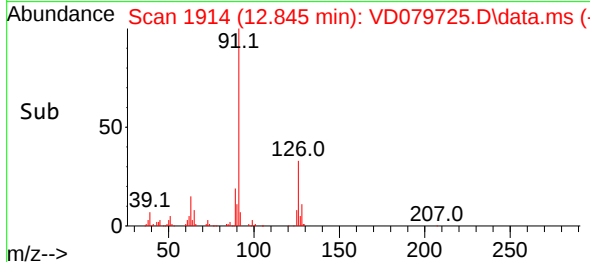
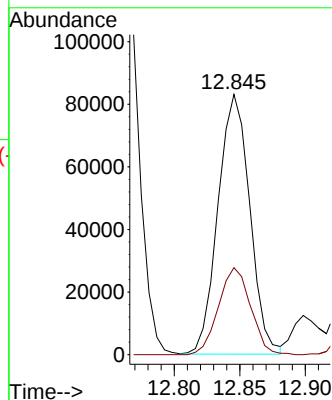
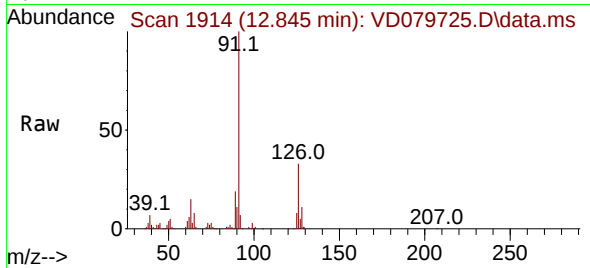




#79
2-Chlorotoluene
Concen: 19.262 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

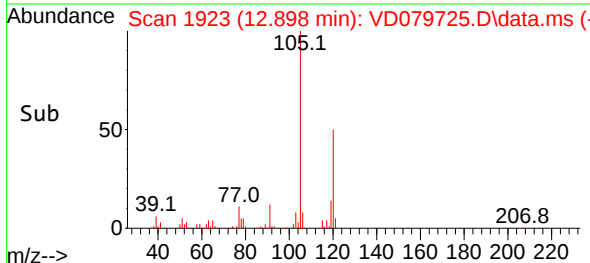
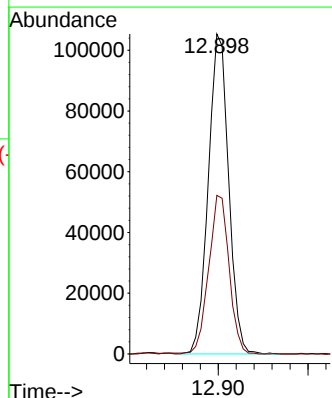
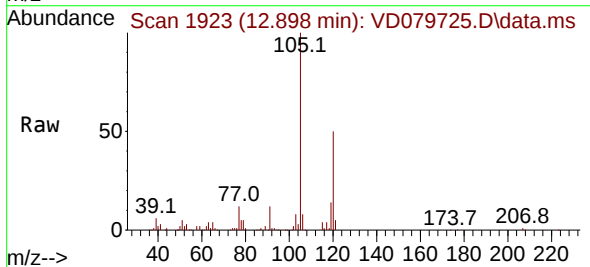
Instrument :
MSVOA_D
ClientSampleId :

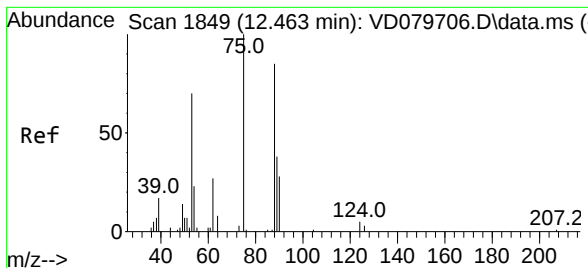
Tgt Ion: 91 Resp: 140117
Ion Ratio Lower Upper
91 100
126 33.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 18.939 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:105 Resp: 165798
Ion Ratio Lower Upper
105 100
120 49.7 25.7 77.1

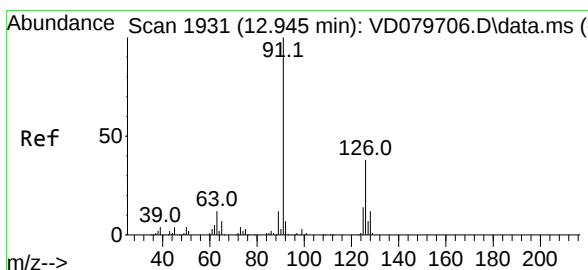
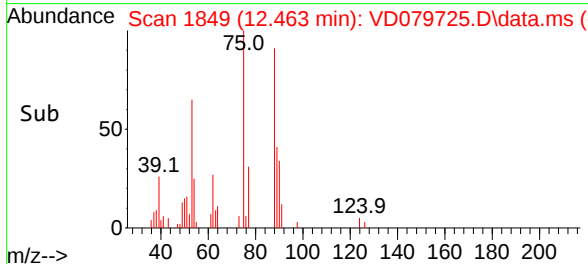
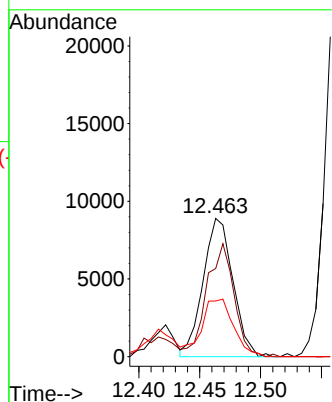
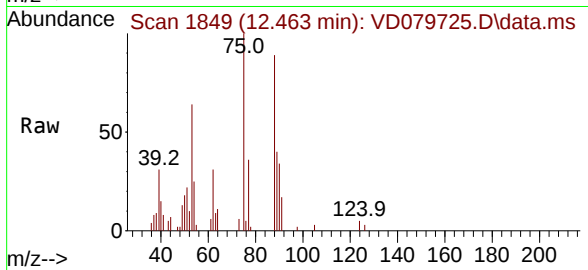




#81
trans-1,4-Dichloro-2-butene
Concen: 21.075 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

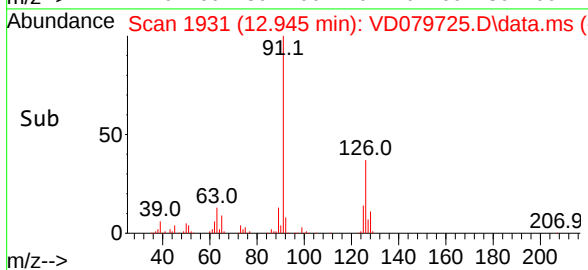
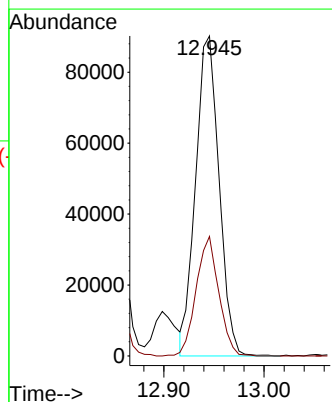
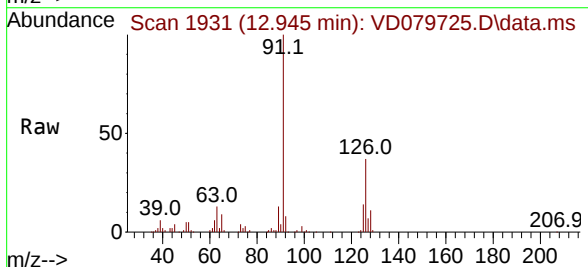
Instrument :
MSVOA_D
ClientSampleId :

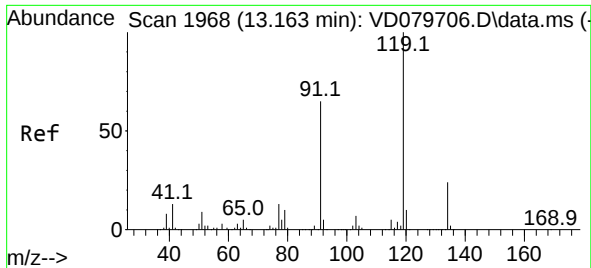
Tgt Ion: 75 Resp: 15160
Ion Ratio Lower Upper
75 100
53 75.3 61.4 92.2
89 44.8 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.203 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion: 91 Resp: 146890
Ion Ratio Lower Upper
91 100
126 36.0 18.9 56.9

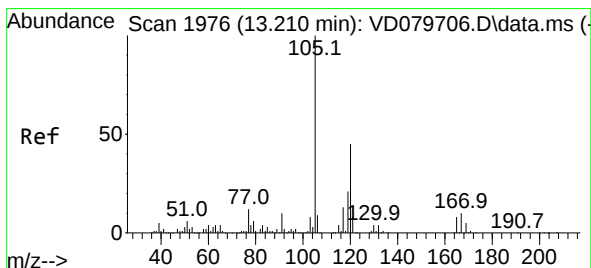
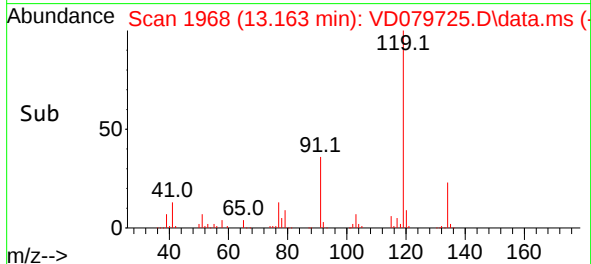
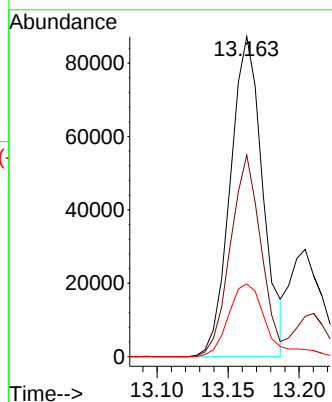
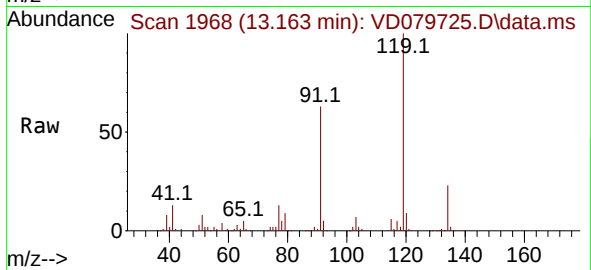




#83
tert-Butylbenzene
Concen: 18.774 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

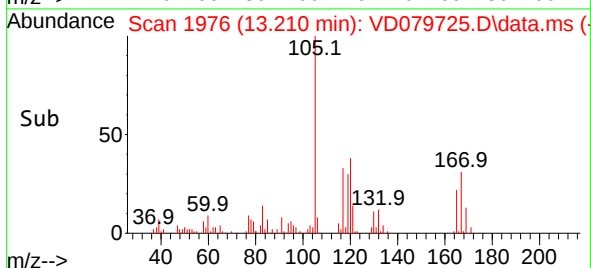
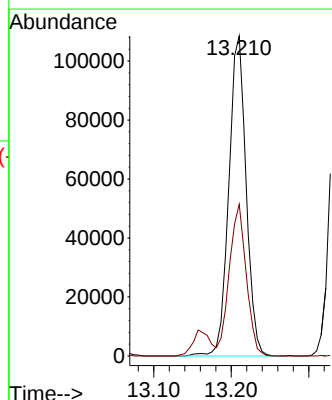
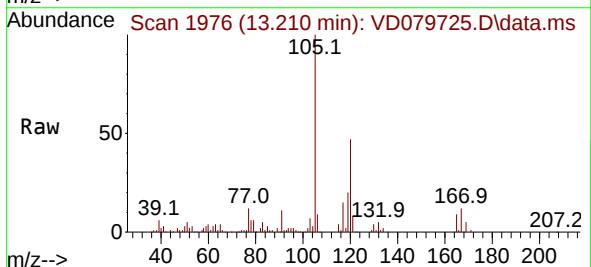
Instrument :
MSVOA_D
ClientSampleId :

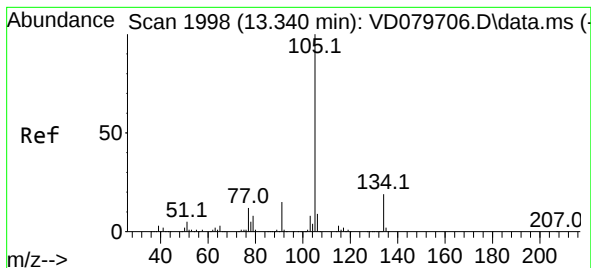
Tgt Ion:119 Resp: 138710
Ion Ratio Lower Upper
119 100
91 59.4 28.2 84.7
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 18.799 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion:105 Resp: 168368
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0





#85

sec-Butylbenzene

Concen: 18.631 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

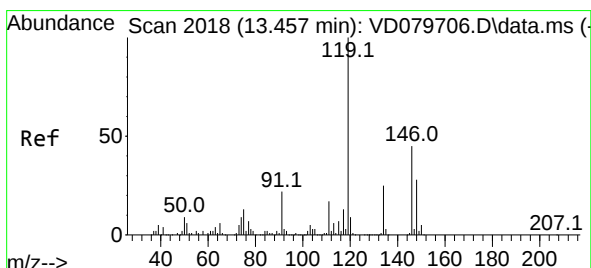
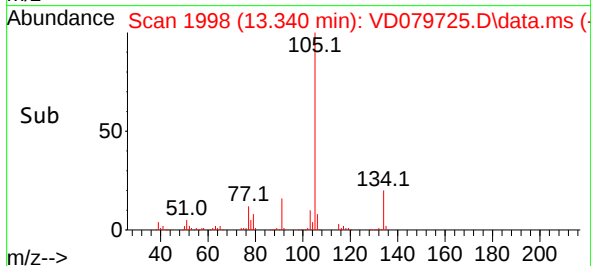
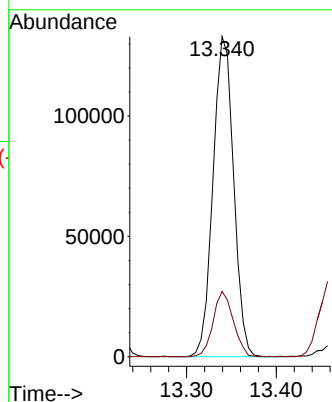
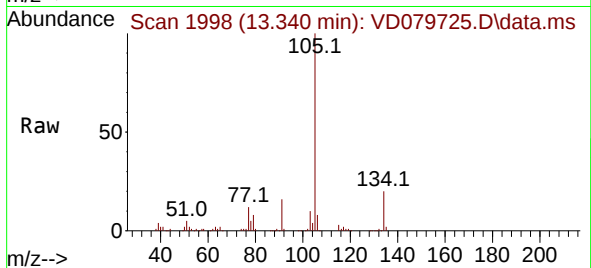
ClientSampleId :

Tgt Ion:105 Resp: 212109

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.029 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

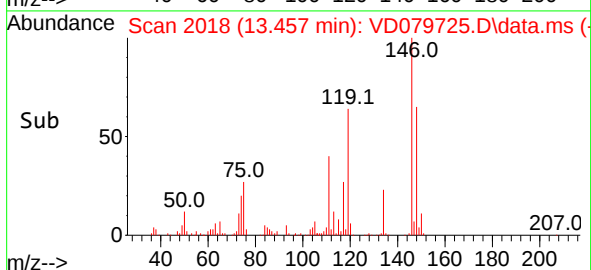
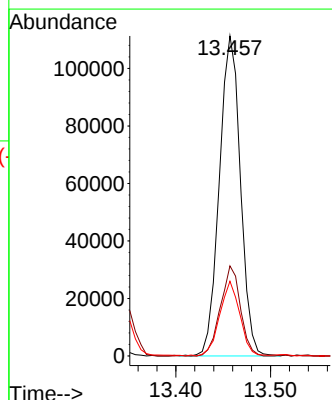
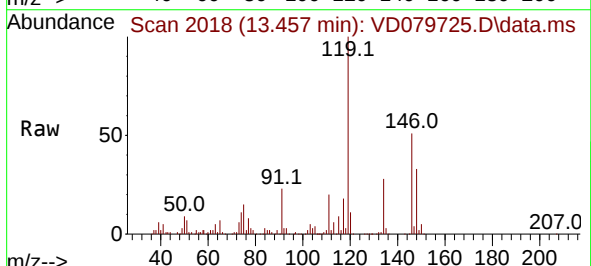
Tgt Ion:119 Resp: 172426

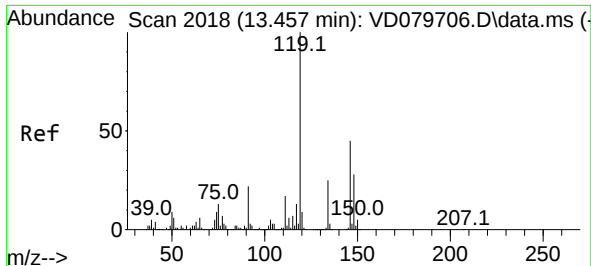
Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

91 22.3 10.7 32.1

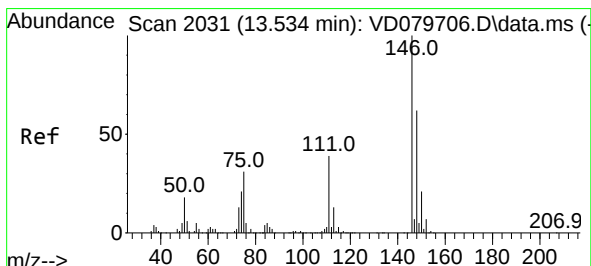
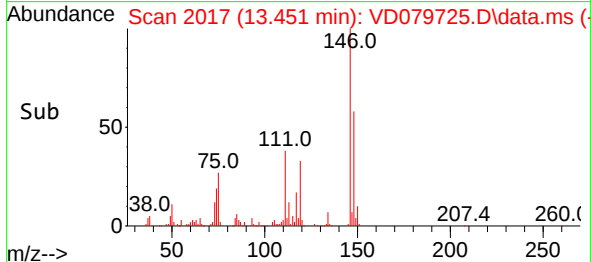
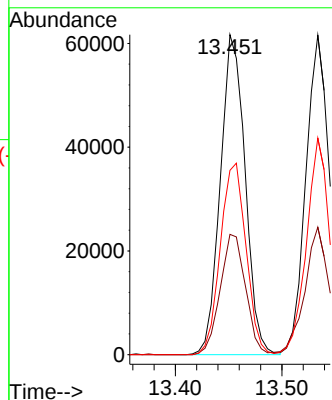
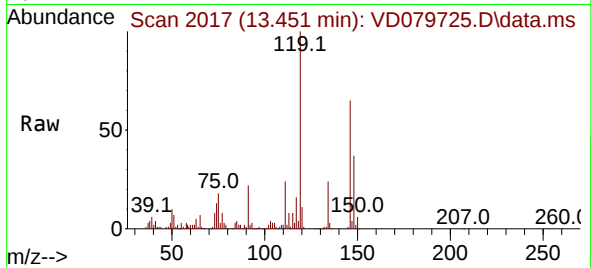




#87
 1,3-Dichlorobenzene
 Concen: 19.824 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: VD079725.D
 Acq: 13 Aug 2024 18:54

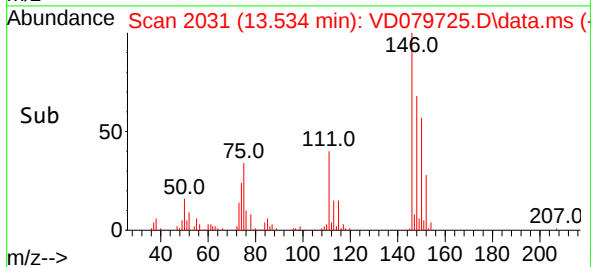
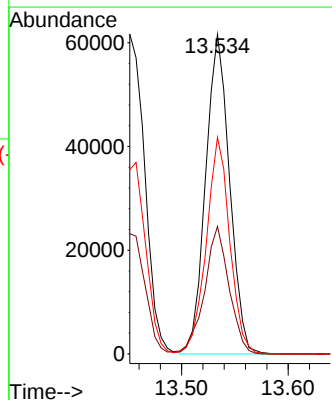
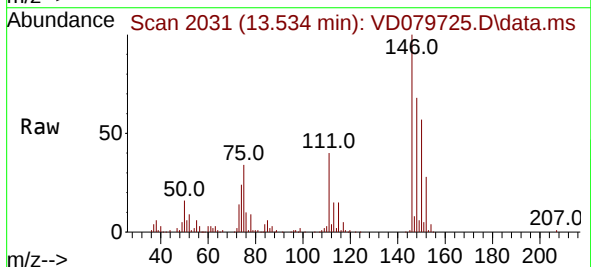
Instrument :
 MSVOA_D
 ClientSampleId :

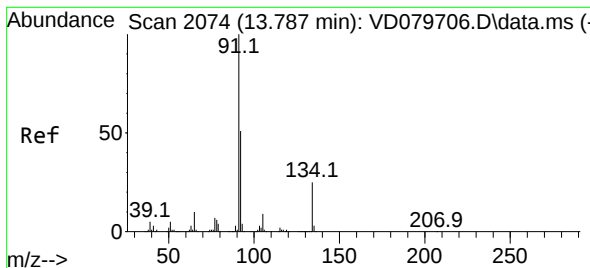
Tgt Ion:	146	Resp:	99638
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.5	55.5
148	62.0	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 19.417 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079725.D
 Acq: 13 Aug 2024 18:54

Tgt Ion:	146	Resp:	96336
Ion	Ratio	Lower	Upper
146	100		
111	40.9	17.5	52.6
148	66.4	31.4	94.2





#89

n-Butylbenzene

Concen: 17.959 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

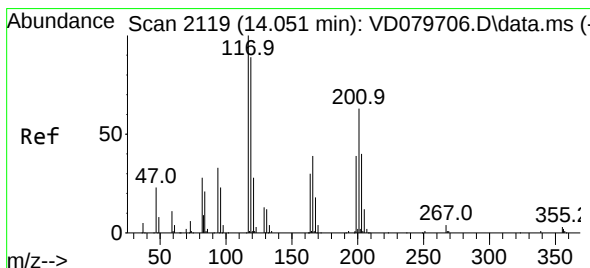
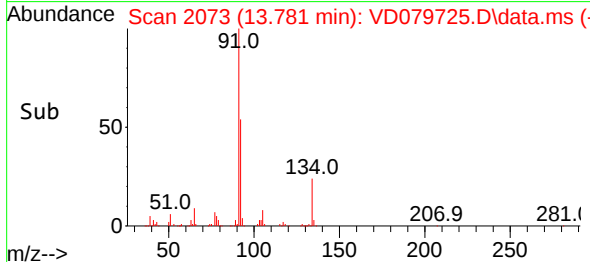
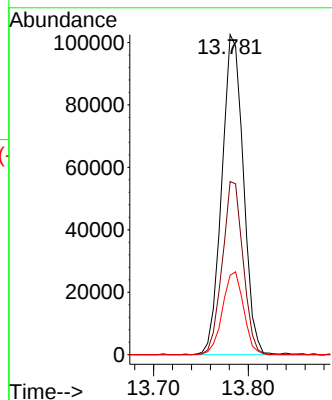
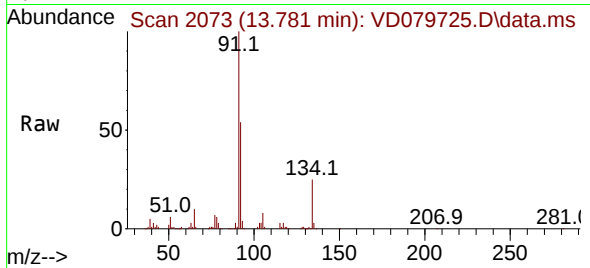
Tgt Ion: 91 Resp: 161905

Ion Ratio Lower Upper

91 100

92 52.2 25.7 77.0

134 25.3 13.6 40.8



#90

Hexachloroethane

Concen: 18.240 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079725.D

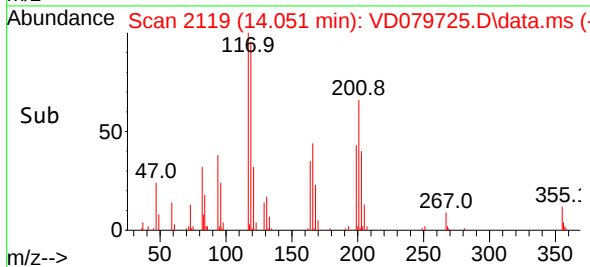
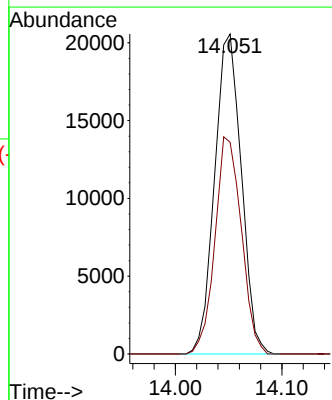
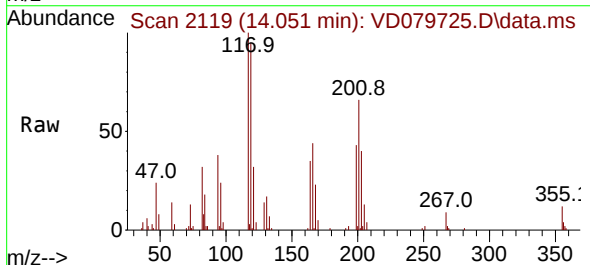
Acq: 13 Aug 2024 18:54

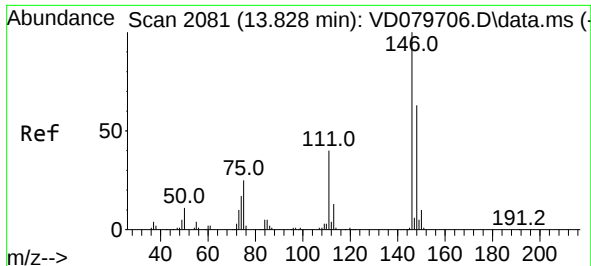
Tgt Ion: 117 Resp: 35794

Ion Ratio Lower Upper

117 100

201 67.0 36.3 108.9

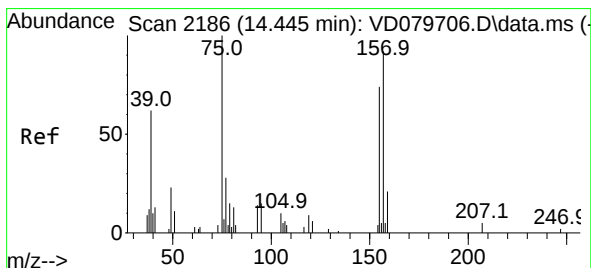
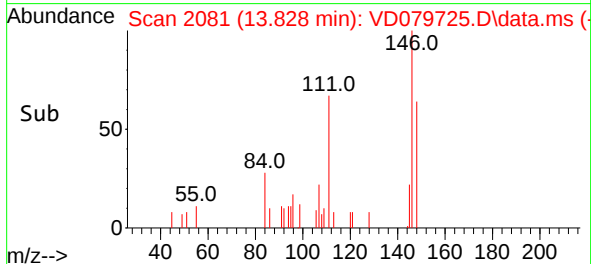
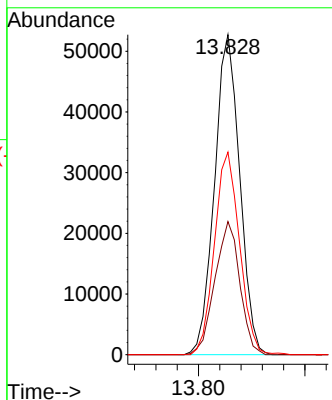
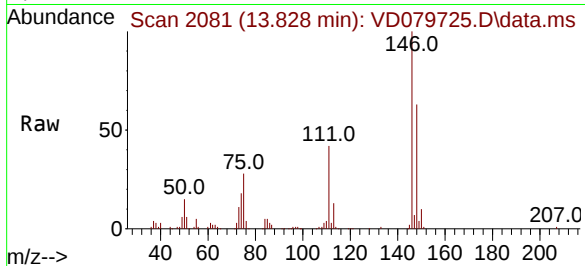




#91
1,2-Dichlorobenzene
Concen: 19.993 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

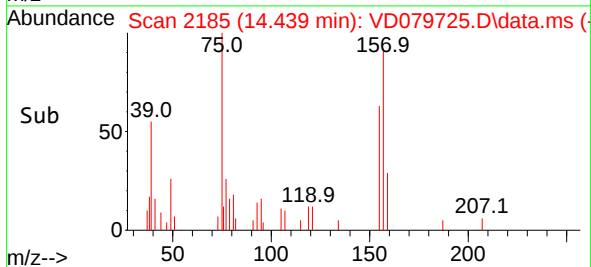
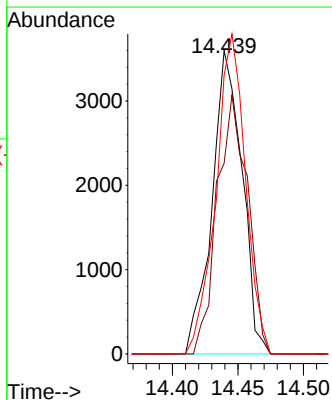
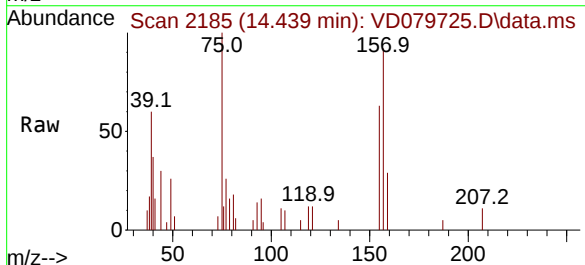
Instrument :
MSVOA_D
ClientSampleId :

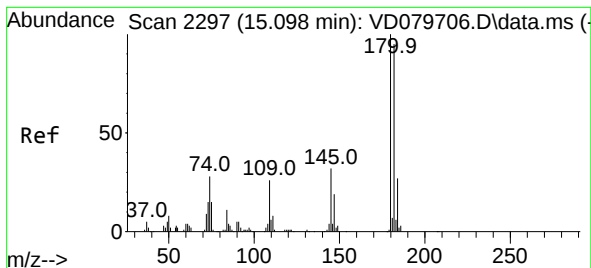
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.1	57.1
148	63.0	31.1	93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.275 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079725.D
Acq: 13 Aug 2024 18:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.7	47.7	143.1
157	104.0	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 19.491 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

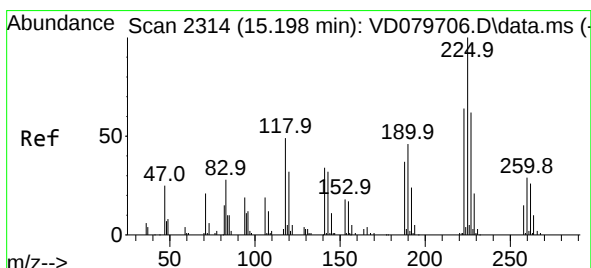
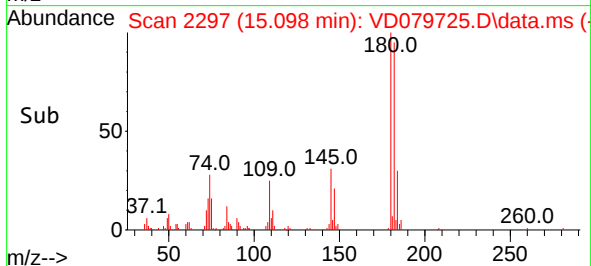
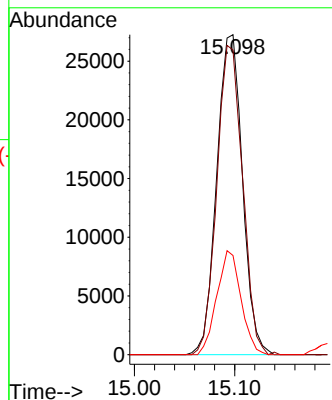
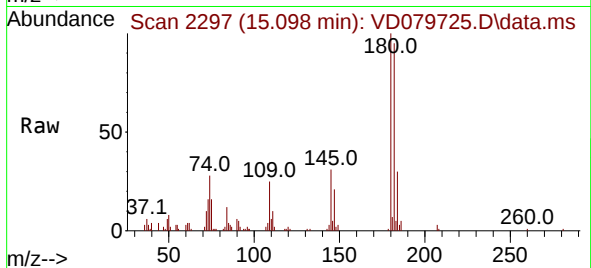
Tgt Ion:180 Resp: 48537

Ion Ratio Lower Upper

180 100

182 96.5 46.9 140.7

145 30.5 14.0 41.9



#94

Hexachlorobutadiene

Concen: 19.142 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

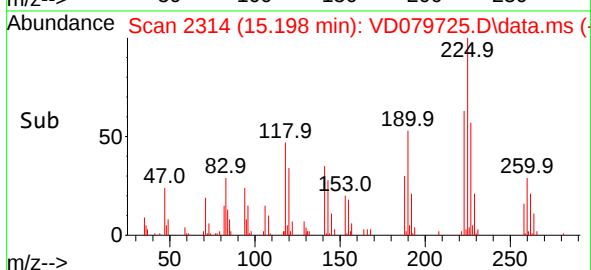
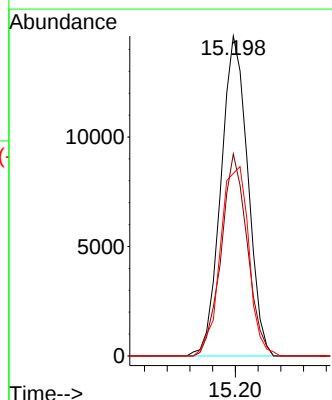
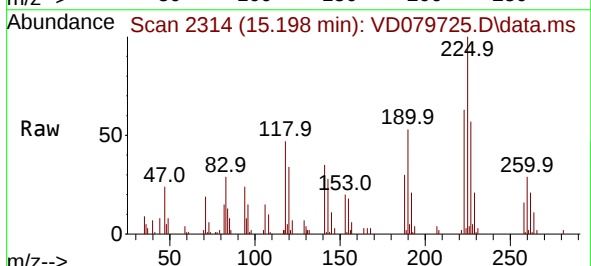
Tgt Ion:225 Resp: 23971

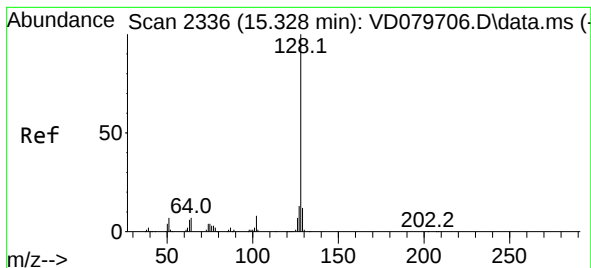
Ion Ratio Lower Upper

225 100

223 61.2 33.3 99.9

227 62.9 33.6 100.6





#95

Naphthalene

Concen: 20.542 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

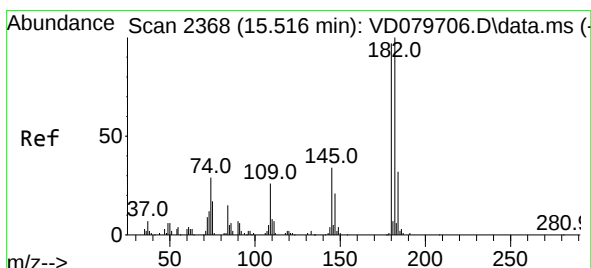
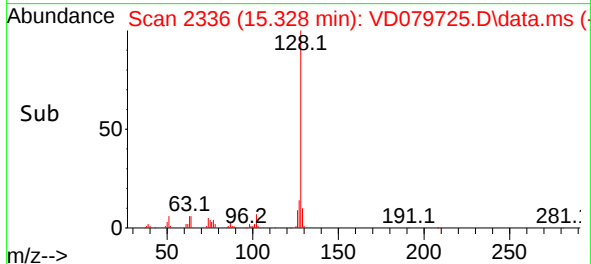
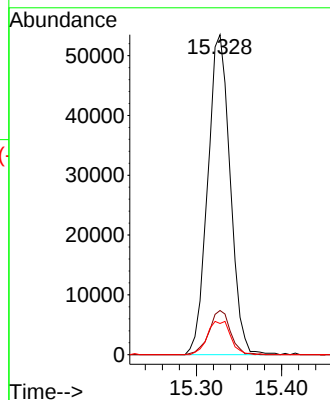
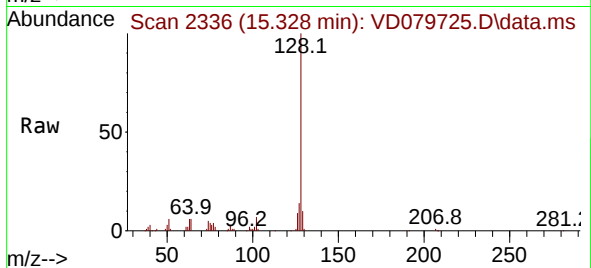
Tgt Ion:128 Resp: 97836

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 9.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079725.D

Acq: 13 Aug 2024 18:54

Tgt Ion:180 Resp: 44293

Ion Ratio Lower Upper

180 100

182 89.9 47.8 143.3

145 31.7 16.1 48.2

