

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046718.D
 Acq On : 17 Jun 2025 11:19
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 18 02:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 02:34:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	130530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	10456	5.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.580%#
35) Dibromofluoromethane	5.403	113	7865	5.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.960%#
50) Toluene-d8	8.653	98	29120	5.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	11.280%#
62) 4-Bromofluorobenzene	11.079	95	11137	5.791	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	11.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	6051	4.342	ug/l	99
3) Chloromethane	1.307	50	7066	4.698	ug/l	90
4) Vinyl Chloride	1.386	62	7425	4.629	ug/l	99
5) Bromomethane	1.617	94	4837	5.360	ug/l	95
6) Chloroethane	1.703	64	4575	4.706	ug/l	92
7) Trichlorofluoromethane	1.904	101	11714	4.810	ug/l	92
8) Diethyl Ether	2.148	74	4038	4.831	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	7353	4.921	ug/l	96
10) Methyl Iodide	2.465	142	5830	7.181	ug/l	99
11) Tert butyl alcohol	2.959	59	3134	19.340	ug/l	99
12) 1,1-Dichloroethene	2.337	96	6884	4.775	ug/l	91
13) Acrolein	2.251	56	6208	26.301	ug/l	100
14) Allyl chloride	2.678	41	12195	4.668	ug/l	99
15) Acrylonitrile	3.081	53	17611	24.169	ug/l	99
16) Acetone	2.392	43	14275	23.710	ug/l	98
17) Carbon Disulfide	2.526	76	19624	4.507	ug/l	100
18) Methyl Acetate	2.721	43	7530	4.924	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	21254	4.734	ug/l	97
20) Methylene Chloride	2.800	84	8556	5.110	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	7425	4.813	ug/l	97
22) Diisopropyl ether	3.769	45	24580	4.895	ug/l #	67
23) Vinyl Acetate	3.739	43	92889	23.264	ug/l	98
24) 1,1-Dichloroethane	3.623	63	13761	4.827	ug/l	99
25) 2-Butanone	4.580	43	20821	24.452	ug/l	97
26) 2,2-Dichloropropane	4.483	77	10020	4.819	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	8891	4.906	ug/l	99
28) Bromochloromethane	4.910	49	6884	5.326	ug/l #	96
29) Tetrahydrofuran	5.025	42	13402	24.367	ug/l	99
30) Chloroform	5.099	83	14385	5.046	ug/l	86
31) Cyclohexane	5.483	56	12835	4.748	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	12150	4.859	ug/l	97
36) 1,1-Dichloropropene	5.702	75	10359	4.998	ug/l	99
37) Ethyl Acetate	4.733	43	8763	4.580	ug/l	96
38) Carbon Tetrachloride	5.690	117	11043	4.909	ug/l	98
39) Methylcyclohexane	7.391	83	13704	5.024	ug/l #	87
40) Benzene	6.050	78	31061	5.064	ug/l	97

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 18 02:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 02:34:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4488	4.400	ug/l #	92
42) 1,2-Dichloroethane	6.104	62	11029	5.116	ug/l	98
43) Isopropyl Acetate	6.348	43	14711	4.914	ug/l	97
44) Trichloroethene	7.135	130	7703	4.927	ug/l	93
45) 1,2-Dichloropropane	7.433	63	7529	4.952	ug/l	97
46) Dibromomethane	7.592	93	5267	4.821	ug/l	95
47) Bromodichloromethane	7.824	83	11072	4.966	ug/l	96
48) Methyl methacrylate	7.702	41	6864	4.571	ug/l	99
49) 1,4-Dioxane	7.671	88	1949	113.091	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	44282	24.800	ug/l	97
52) Toluene	8.720	92	19190	5.046	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	9497	4.591	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	11188	4.764	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7151	5.046	ug/l	95
56) Ethyl methacrylate	9.122	69	10101	4.828	ug/l	99
57) 1,3-Dichloropropane	9.311	76	12483	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	26158	24.071	ug/l	100
59) 2-Hexanone	9.433	43	30938	25.062	ug/l	99
60) Dibromochloromethane	9.518	129	8249	4.939	ug/l	99
61) 1,2-Dibromoethane	9.610	107	7221	5.009	ug/l	98
64) Tetrachloroethene	9.275	164	6755	4.980	ug/l	97
65) Chlorobenzene	10.079	112	21807	5.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	7006	4.823	ug/l	98
67) Ethyl Benzene	10.195	91	37295	4.939	ug/l	98
68) m/p-Xylenes	10.299	106	27609	9.812	ug/l	96
69) o-Xylene	10.640	106	13421	5.090	ug/l	97
70) Styrene	10.659	104	22403	4.855	ug/l	100
71) Bromoform	10.799	173	5248	4.744	ug/l #	100
73) Isopropylbenzene	10.963	105	36281	4.878	ug/l	99
74) N-amyl acetate	10.841	43	12496	4.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	10468	5.040	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	10741	5.236	ug/l	90
77) Bromobenzene	11.201	156	8694	4.857	ug/l	95
78) n-propylbenzene	11.305	91	42848	4.850	ug/l	100
79) 2-Chlorotoluene	11.366	91	26221	4.971	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	29167	4.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2663	4.070	ug/l	94
82) 4-Chlorotoluene	11.457	91	30097	4.889	ug/l	99
83) tert-Butylbenzene	11.713	119	30728	4.864	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30213	4.920	ug/l	98
85) sec-Butylbenzene	11.890	105	39588	4.958	ug/l	100
86) p-Isopropyltoluene	12.006	119	33076	4.909	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	17198	4.928	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	17600	4.910	ug/l	95
89) n-Butylbenzene	12.329	91	29990	4.688	ug/l	98
90) Hexachloroethane	12.536	117	5285	4.480	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	16203	4.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1982	4.834	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	10507	4.532	ug/l	99
94) Hexachlorobutadiene	13.725	225	4953	5.078	ug/l	95
95) Naphthalene	13.774	128	29158	4.414	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10725	4.835	ug/l	96

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

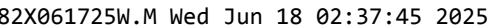
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

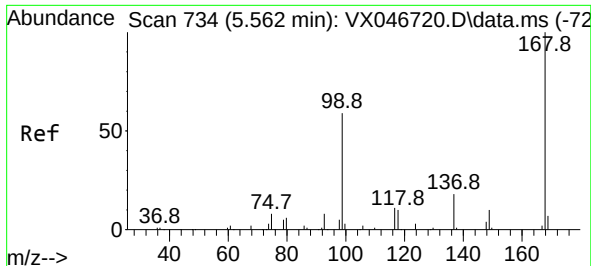
Quant Time: Jun 18 02:37:34 2025
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

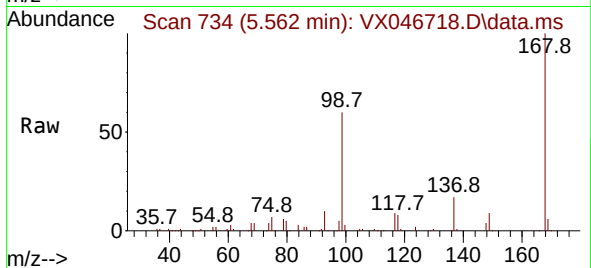
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
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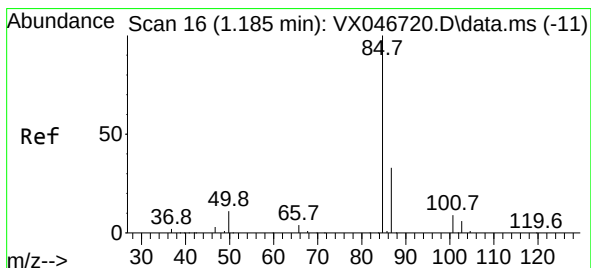
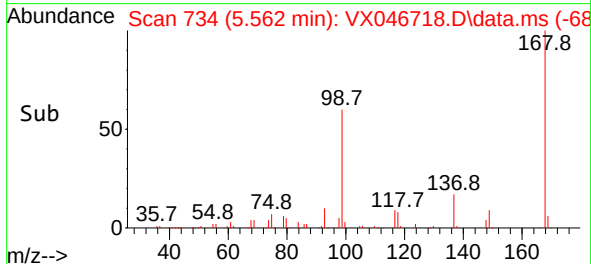
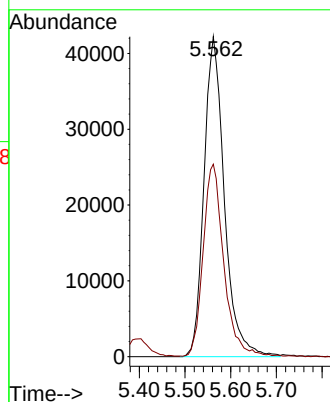


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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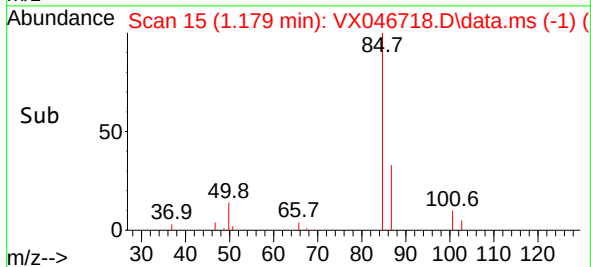
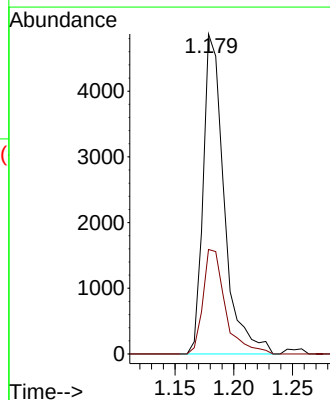
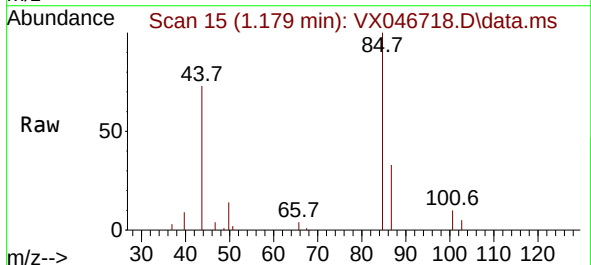


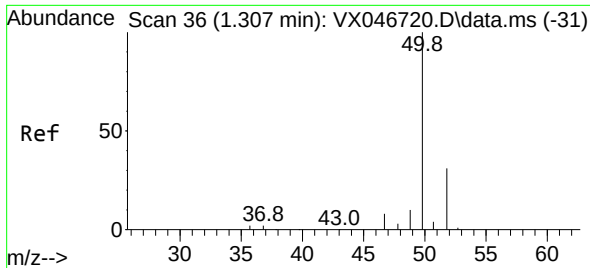
Tgt Ion:168 Resp: 130530
Ion Ratio Lower Upper
168 100
99 60.0 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 4.342 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 85 Resp: 6051
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

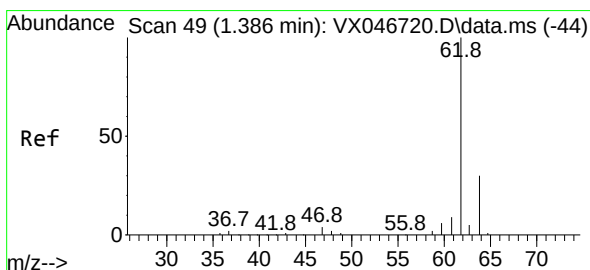
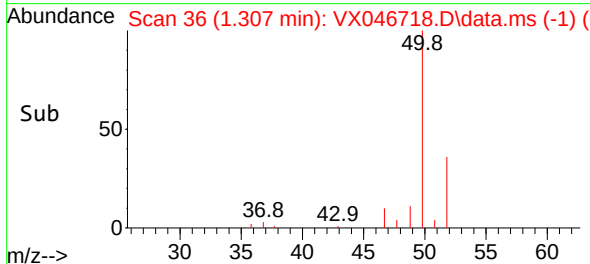
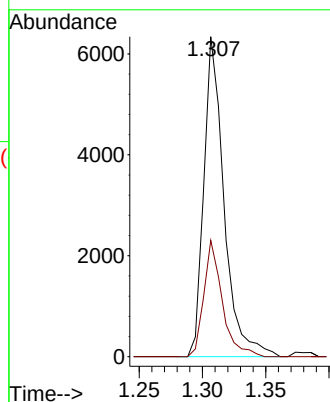
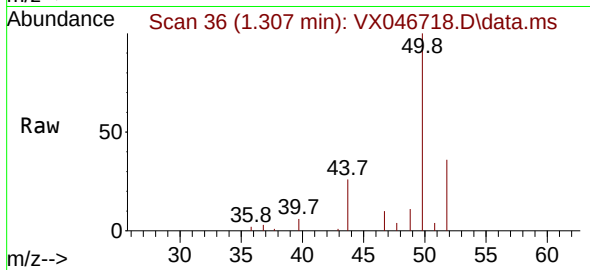




#3
Chloromethane
Concen: 4.698 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

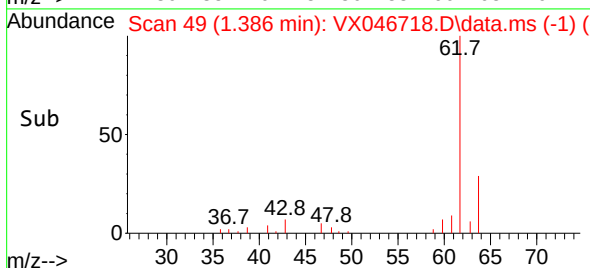
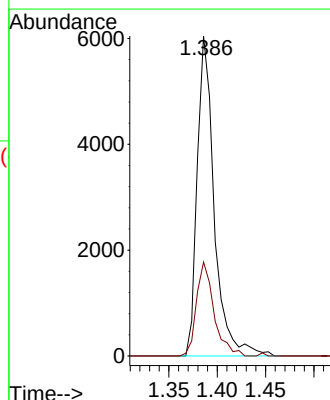
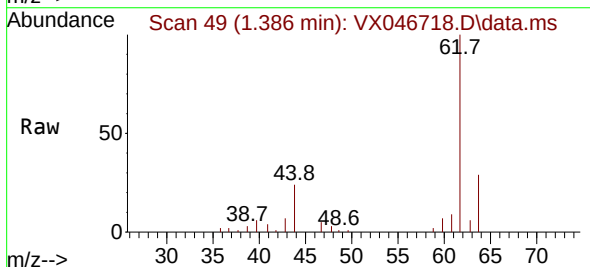
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

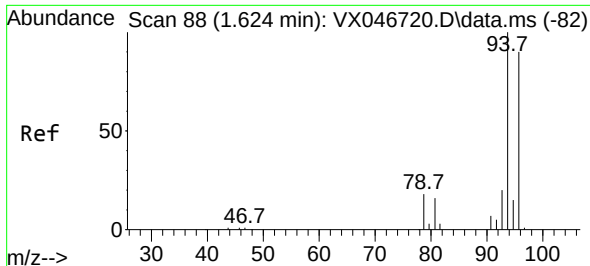
Tgt Ion: 50 Resp: 7066
Ion Ratio Lower Upper
50 100
52 36.4 24.9 37.3



#4
Vinyl Chloride
Concen: 4.629 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 62 Resp: 7425
Ion Ratio Lower Upper
62 100
64 29.3 23.9 35.9

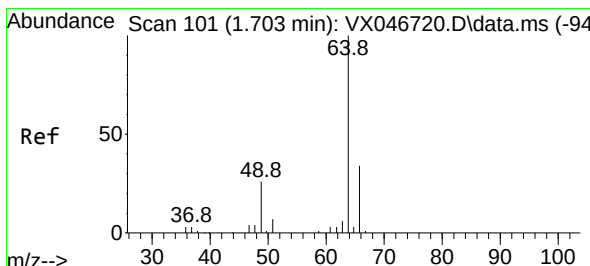
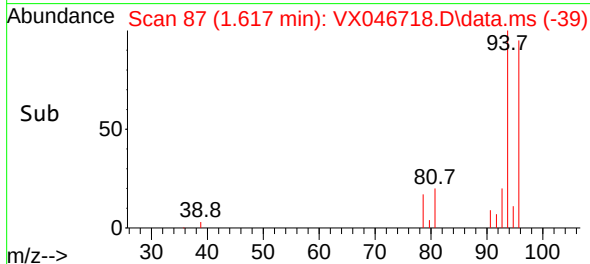
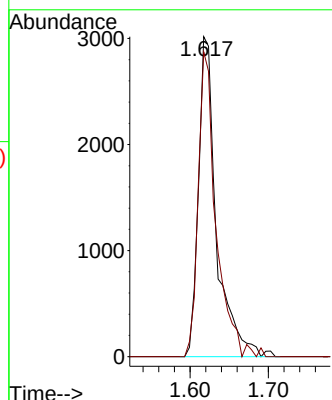
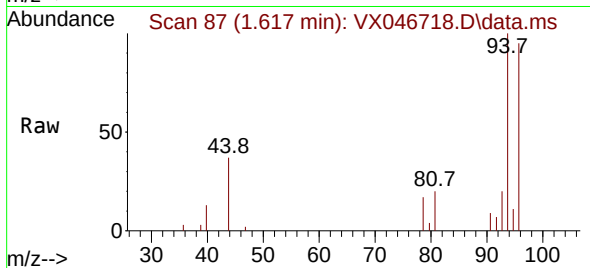




#5
Bromomethane
Concen: 5.360 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

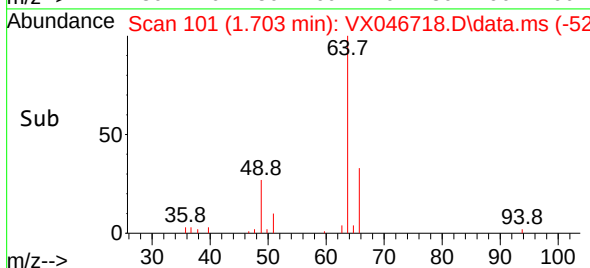
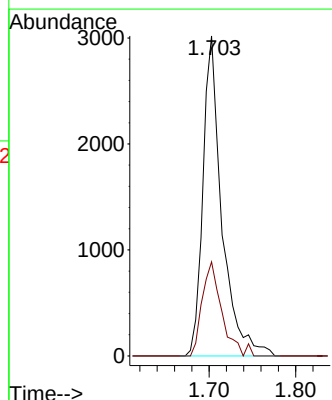
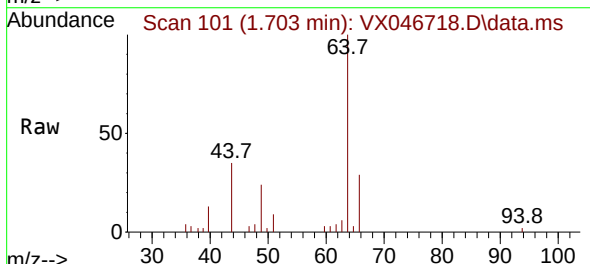
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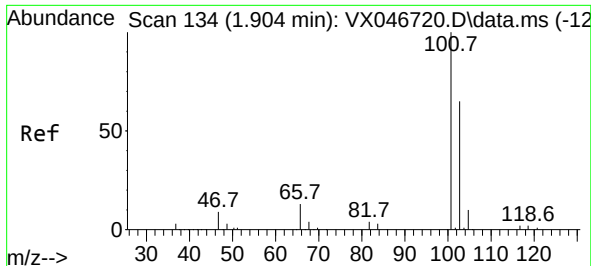
Tgt Ion: 94 Resp: 4837
Ion Ratio Lower Upper
94 100
96 95.3 72.3 108.5



#6
Chloroethane
Concen: 4.706 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 64 Resp: 4575
Ion Ratio Lower Upper
64 100
66 29.4 27.1 40.7

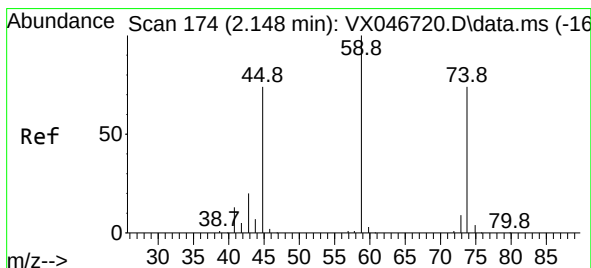
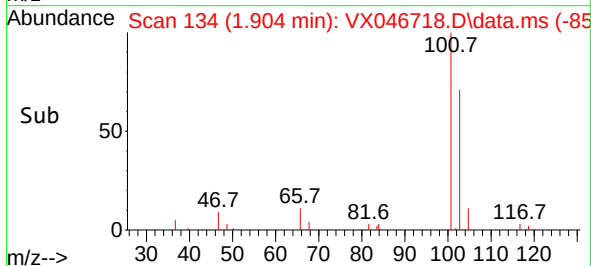
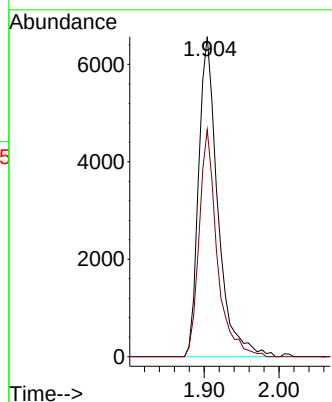
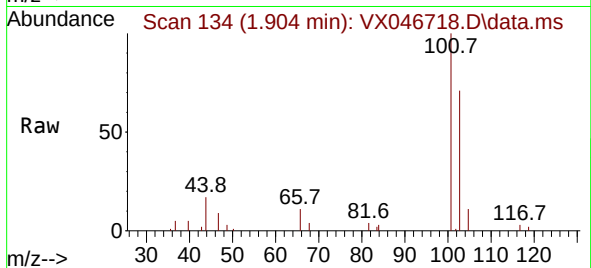




#7
Trichlorofluoromethane
Concen: 4.810 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
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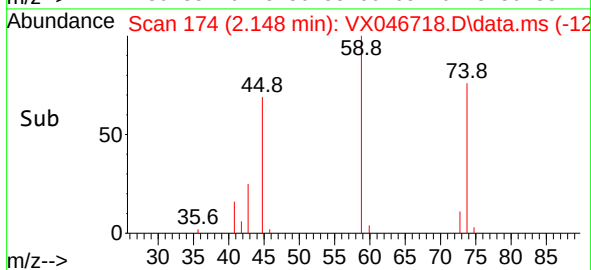
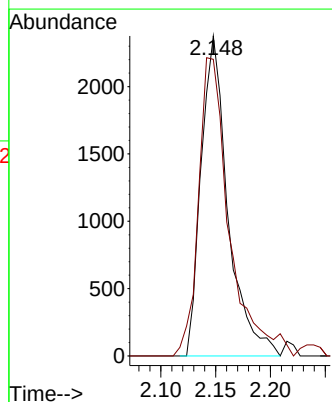
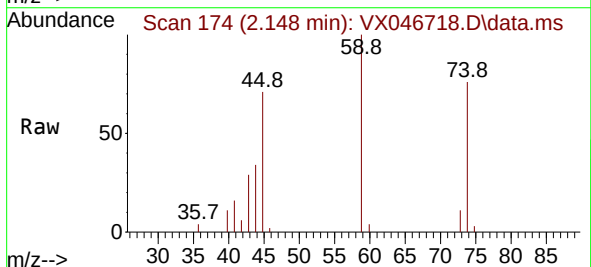
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

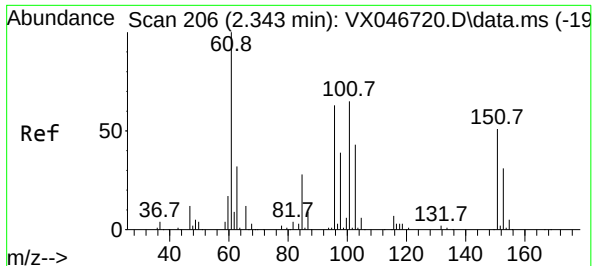
Tgt Ion:101 Resp: 11714
Ion Ratio Lower Upper
101 100
103 70.9 51.8 77.8



#8
Diethyl Ether
Concen: 4.831 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 74 Resp: 4038
Ion Ratio Lower Upper
74 100
45 106.5 52.3 157.1

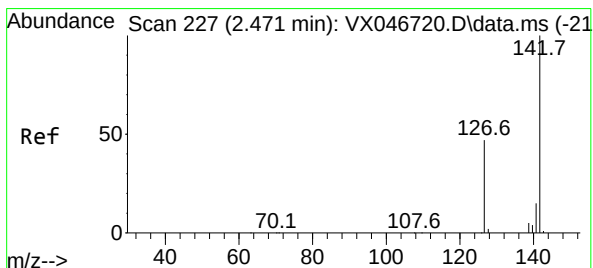
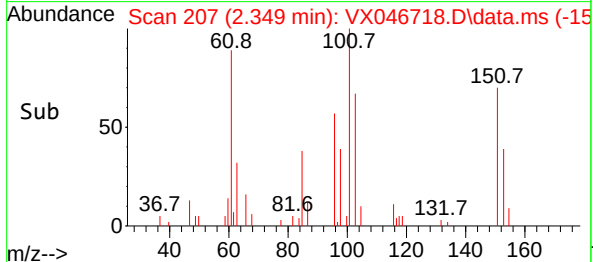
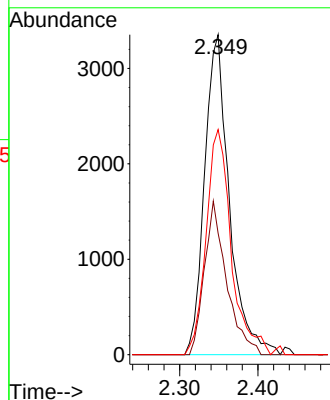
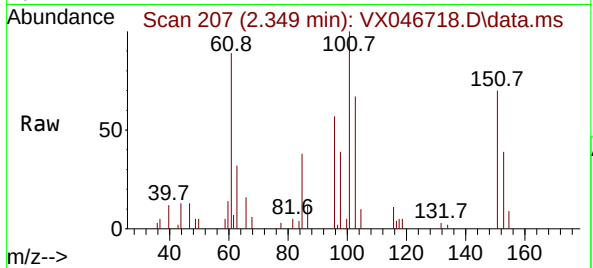




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.921 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046718.D
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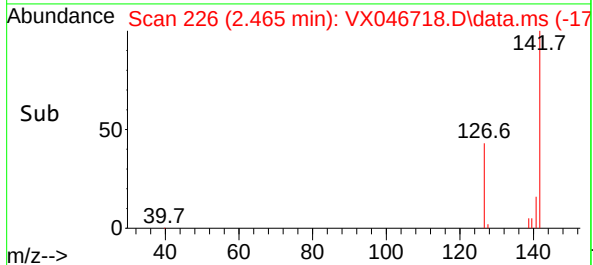
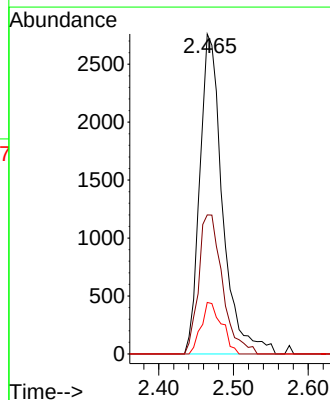
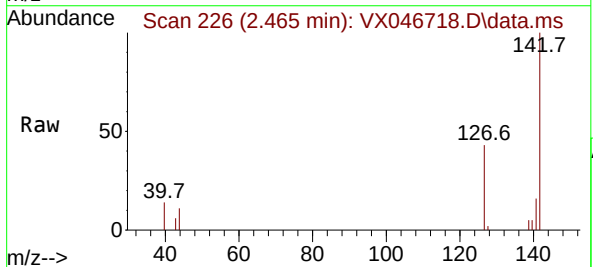
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

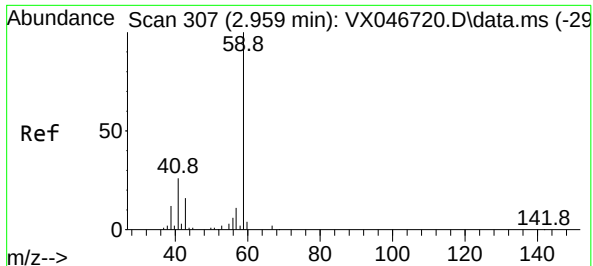
Tgt Ion:101 Resp: 7353
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.0
151 71.5 61.2 91.8



#10
Methyl Iodide
Concen: 7.181 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:142 Resp: 5830
Ion Ratio Lower Upper
142 100
127 45.5 37.0 55.6
141 14.6 11.5 17.3

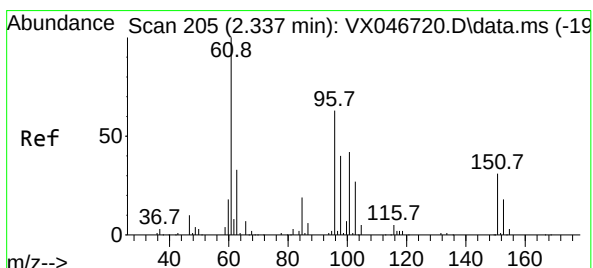
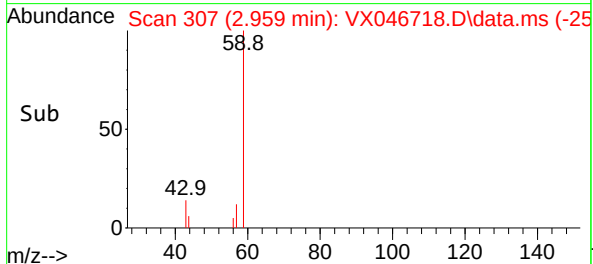
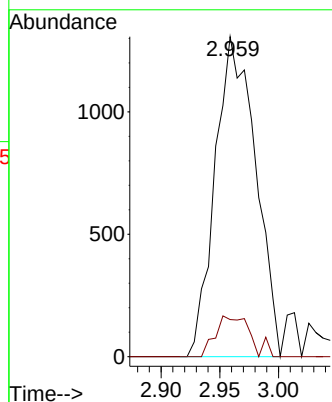
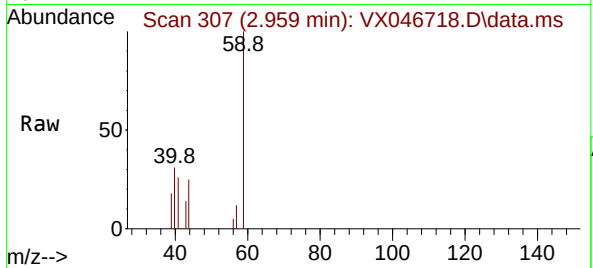




#11
Tert butyl alcohol
Concen: 19.340 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

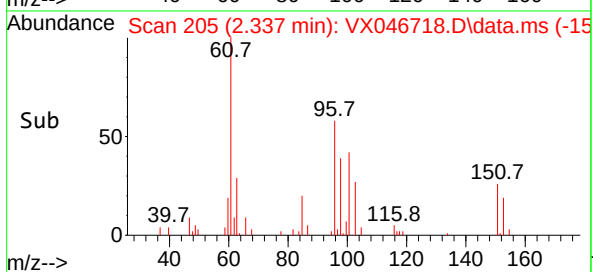
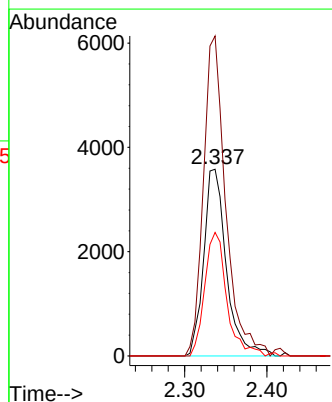
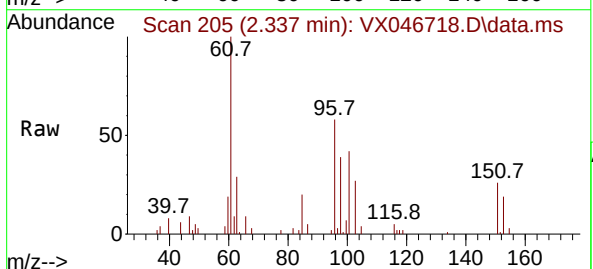
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

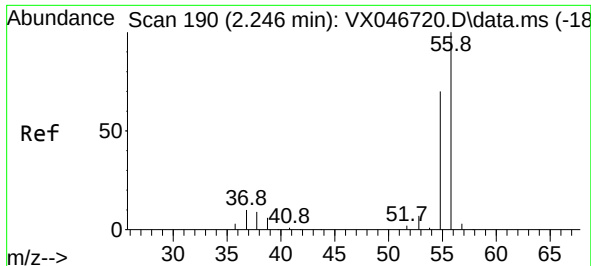
Tgt Ion: 59 Resp: 3134
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 4.775 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 96 Resp: 6884
Ion Ratio Lower Upper
96 100
61 171.4 126.6 189.8
98 68.2 50.7 76.1





#13

Acrolein

Concen: 26.301 ug/l

RT: 2.251 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

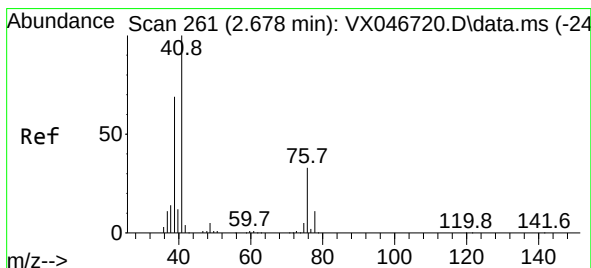
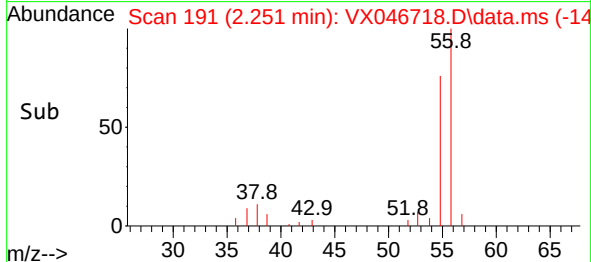
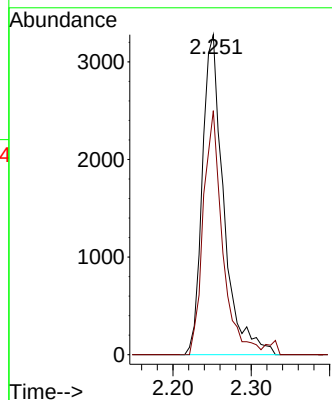
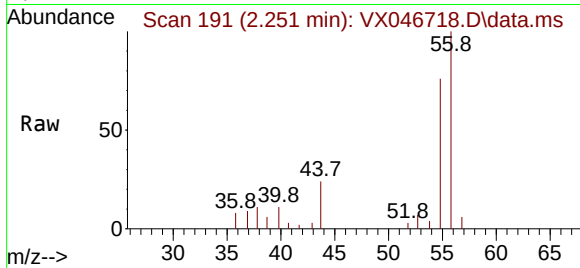
VSTDICC005

Tgt Ion: 56 Resp: 6208

Ion Ratio Lower Upper

56 100

55 68.8 55.2 82.8



#14

Allyl chloride

Concen: 4.668 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

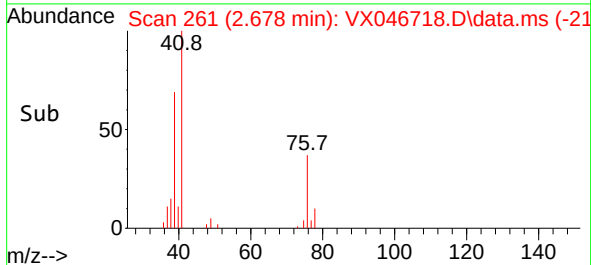
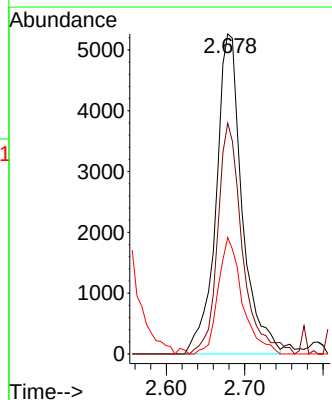
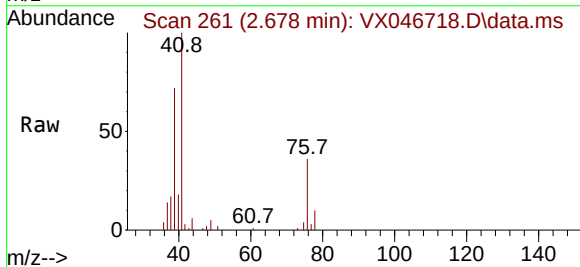
Tgt Ion: 41 Resp: 12195

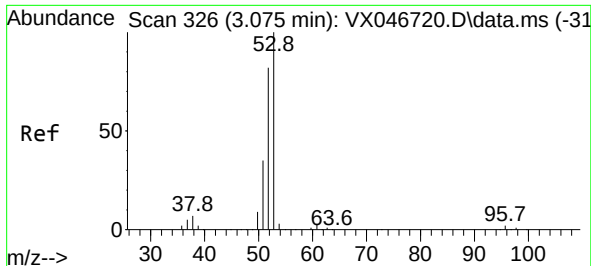
Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 24.169 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

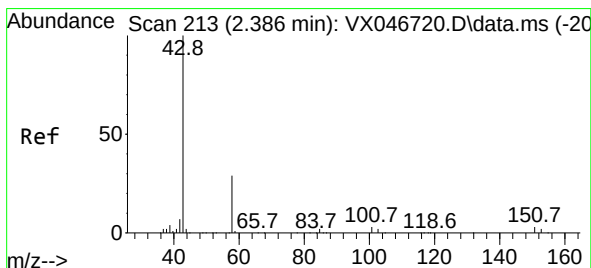
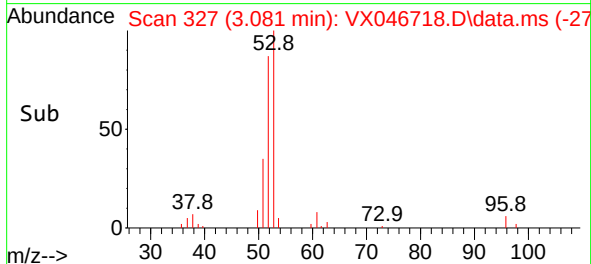
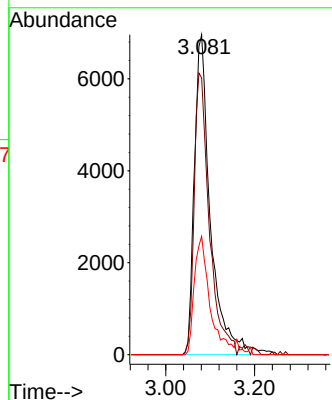
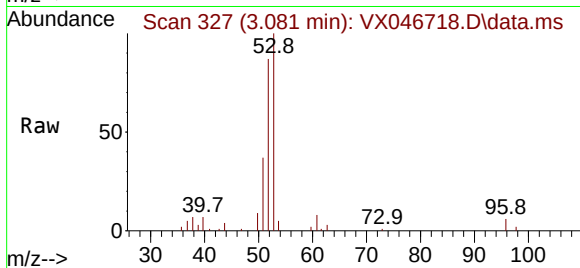
Tgt Ion: 53 Resp: 17611

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 35.6 28.9 43.3



#16

Acetone

Concen: 23.710 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX046718.D

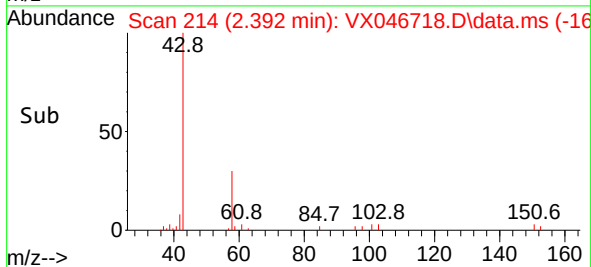
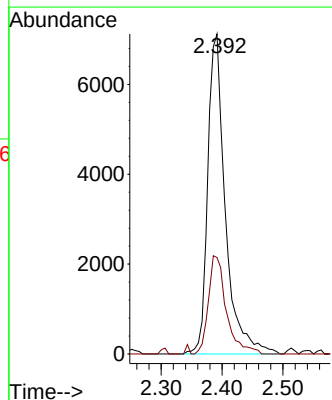
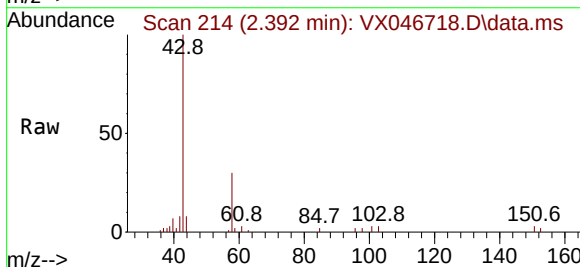
Acq: 17 Jun 2025 11:19

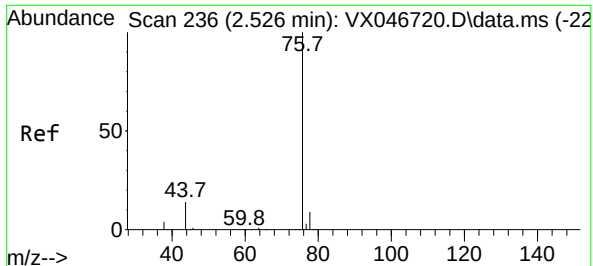
Tgt Ion: 43 Resp: 14275

Ion Ratio Lower Upper

43 100

58 31.7 24.5 36.7

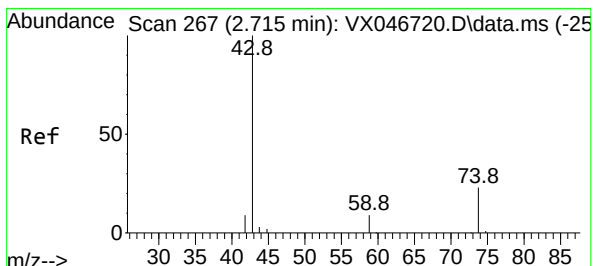
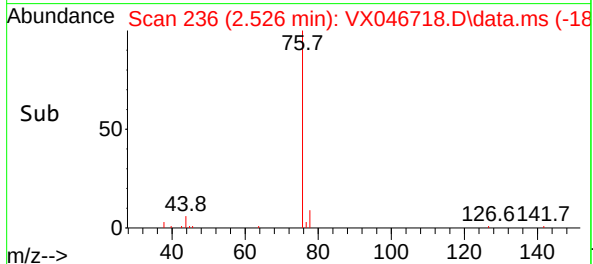
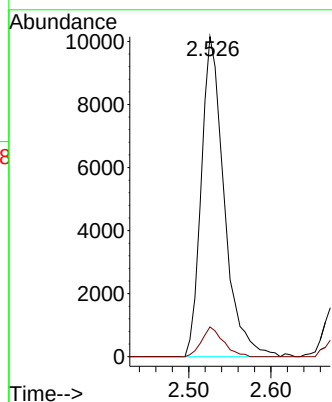
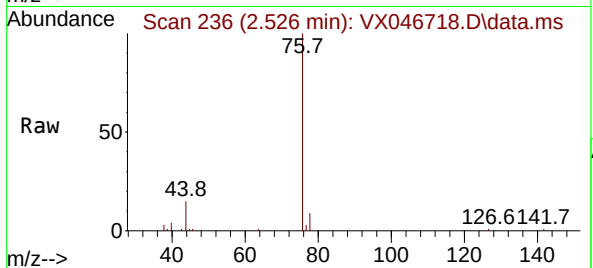




#17
Carbon Disulfide
Concen: 4.507 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

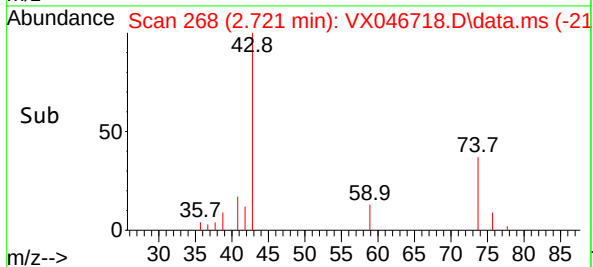
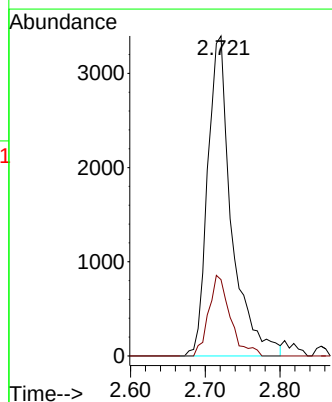
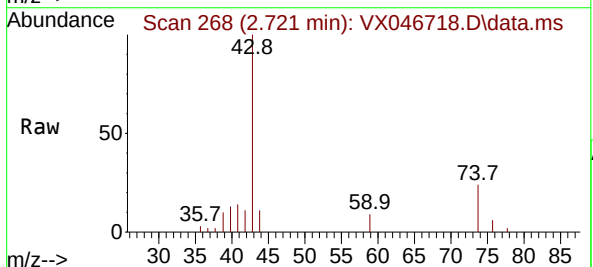
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

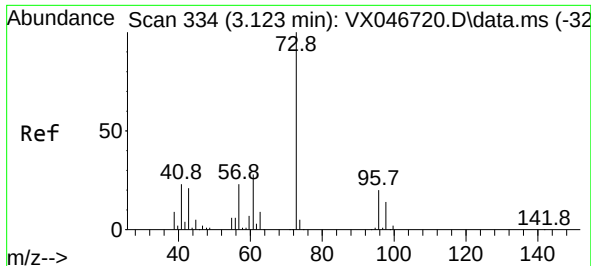
Tgt Ion: 76 Resp: 19624
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 4.924 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 7530
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6

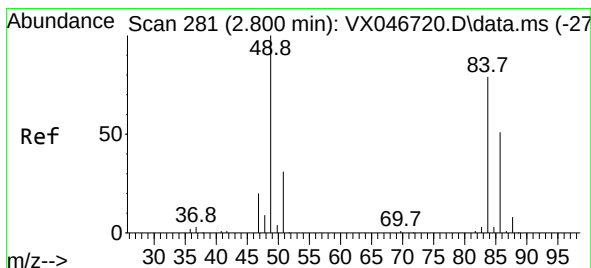
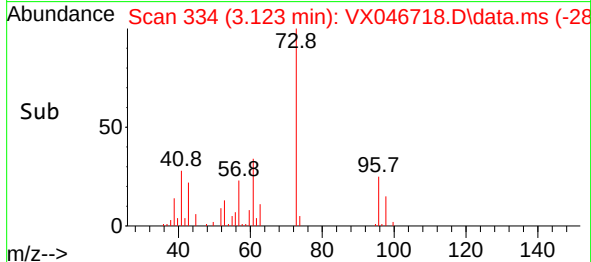
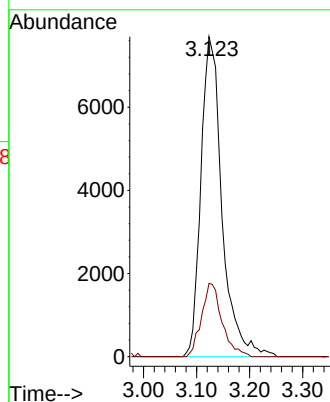
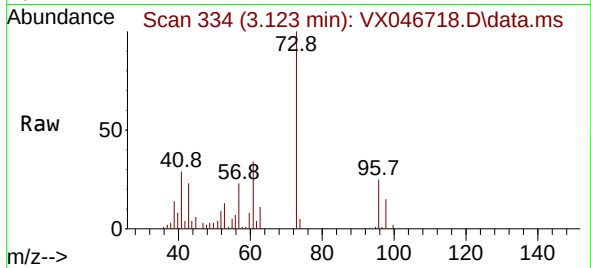




#19
Methyl tert-butyl Ether
Concen: 4.734 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

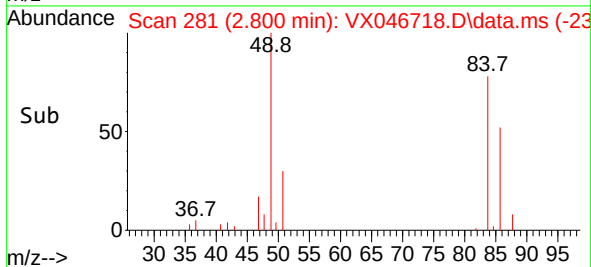
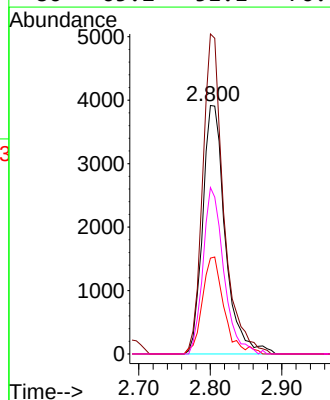
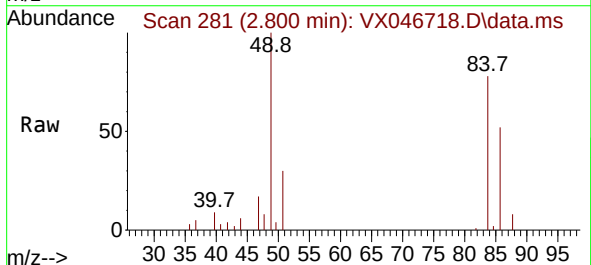
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

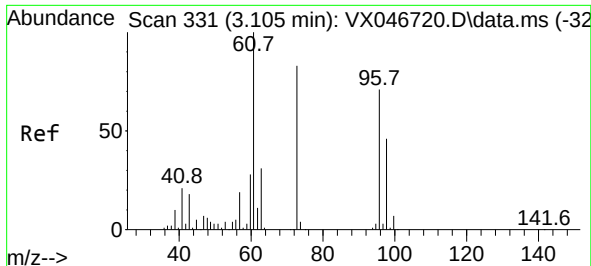
Tgt Ion: 73 Resp: 21254
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.2



#20
Methylene Chloride
Concen: 5.110 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 84 Resp: 8556
Ion Ratio Lower Upper
84 100
49 130.6 101.3 151.9
51 37.6 31.0 46.6
86 65.2 51.1 76.7

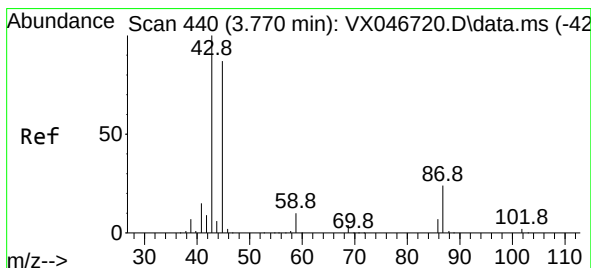
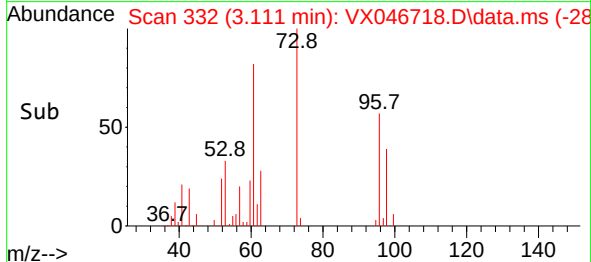
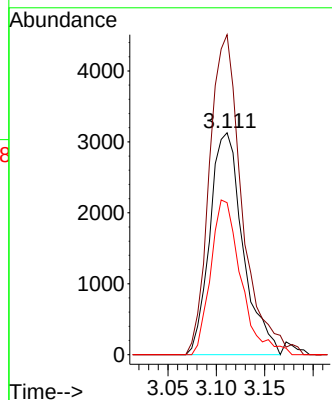
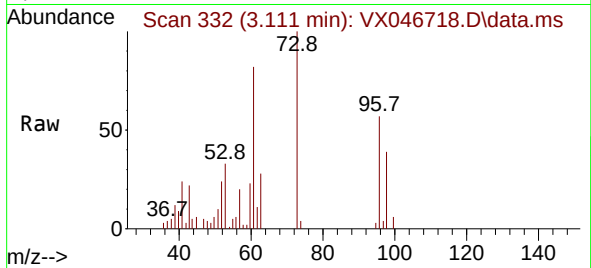




#21
trans-1,2-Dichloroethene
Concen: 4.813 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

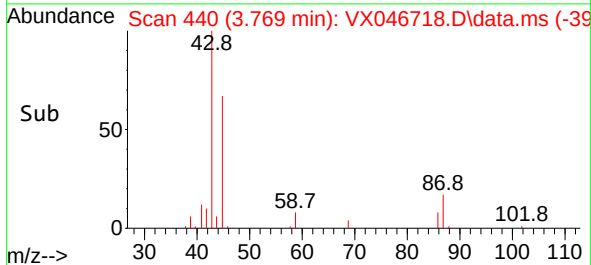
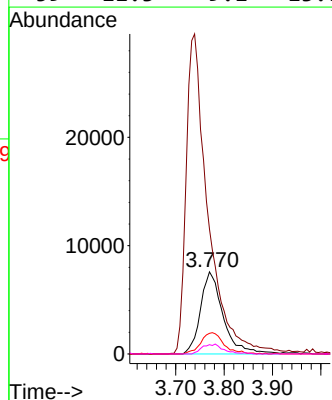
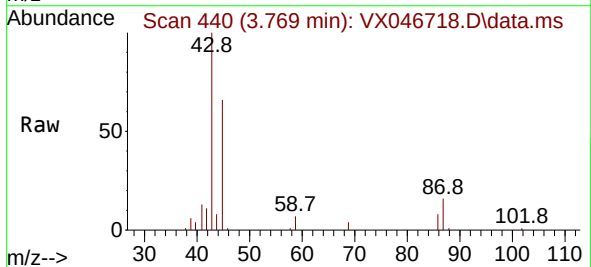
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

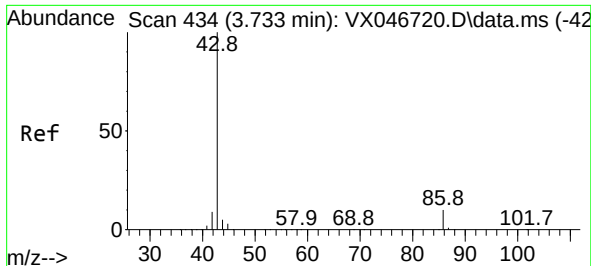
Tgt Ion: 96 Resp: 7425
Ion Ratio Lower Upper
96 100
61 144.2 112.5 168.7
98 68.5 51.9 77.9



#22
Diisopropyl ether
Concen: 4.895 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 45 Resp: 24580
Ion Ratio Lower Upper
45 100
43 160.9 91.9 137.9#
87 25.1 22.0 33.0
59 11.3 9.1 13.7

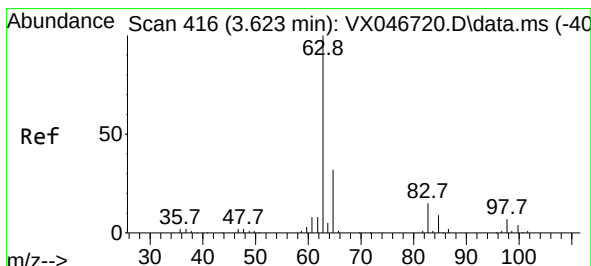
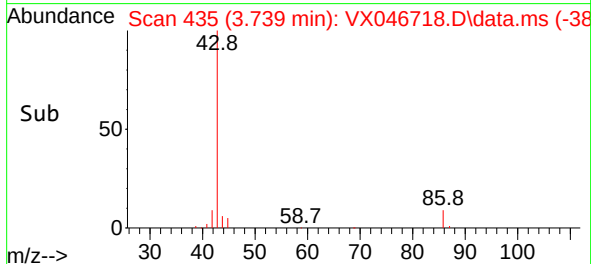
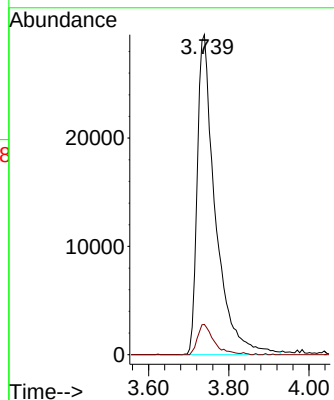
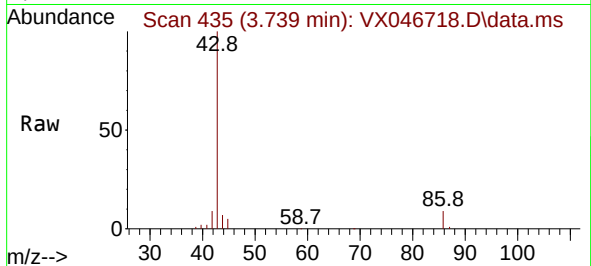




#23
 Vinyl Acetate
 Concen: 23.264 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

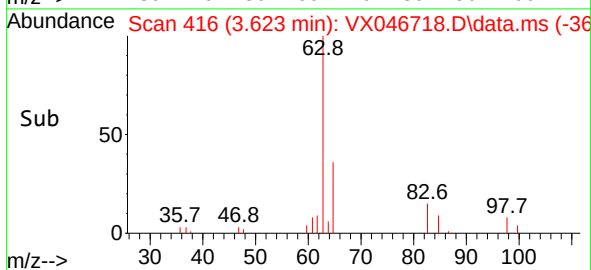
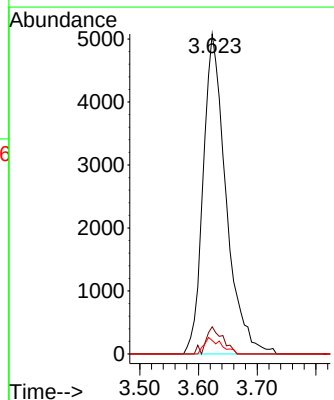
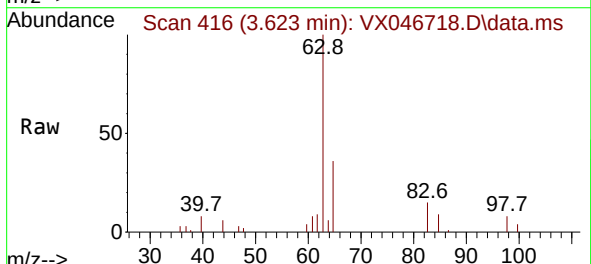
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

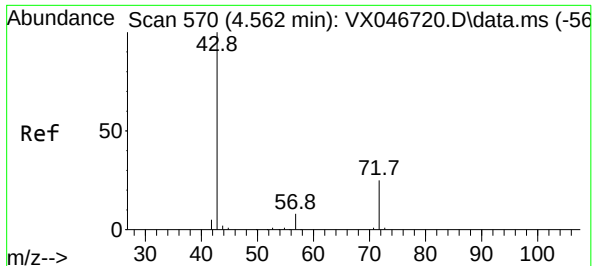
Tgt Ion: 43 Resp: 92889
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 4.827 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

Tgt Ion: 63 Resp: 13761
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 11.9
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 24.452 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

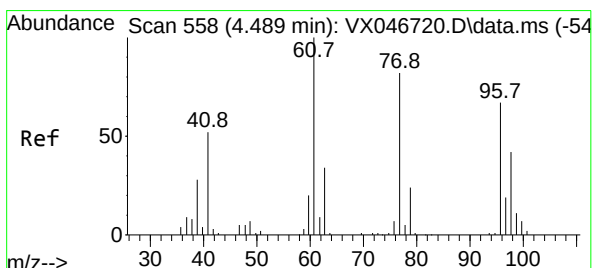
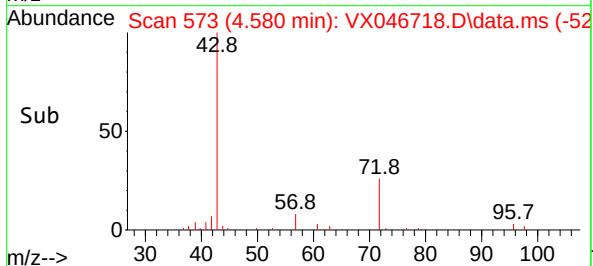
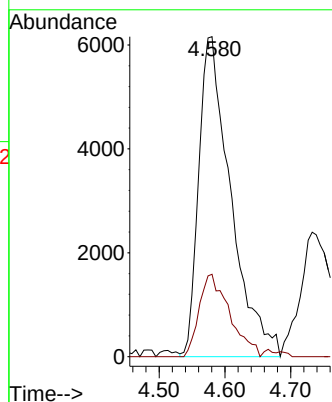
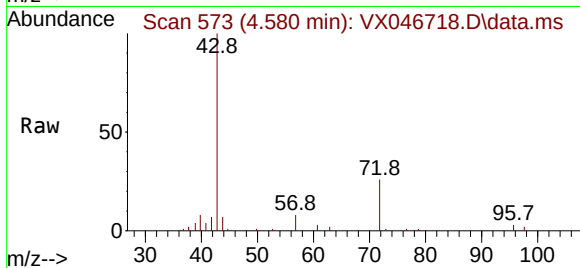
VSTDIC005

Tgt Ion: 43 Resp: 20821

Ion Ratio Lower Upper

43 100

72 26.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 4.819 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX046718.D

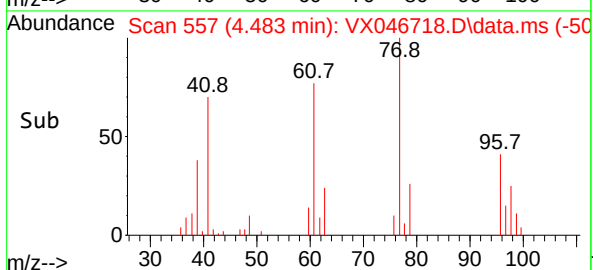
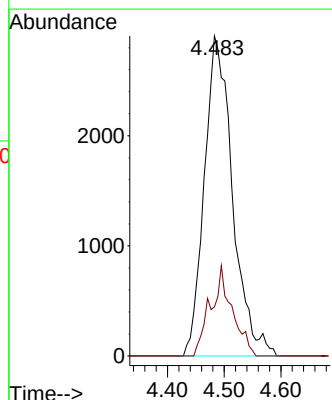
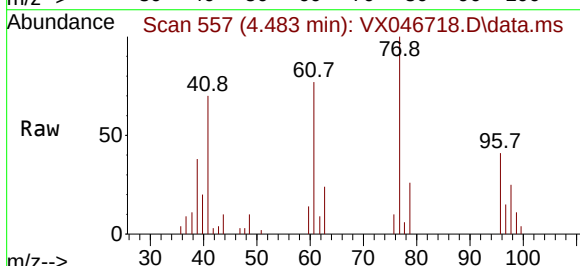
Acq: 17 Jun 2025 11:19

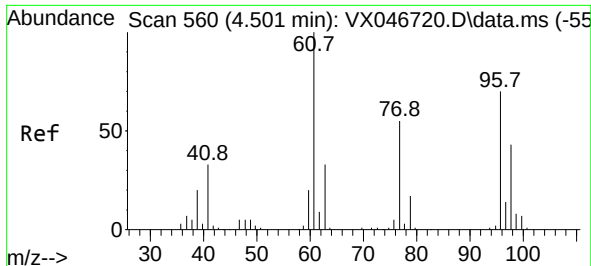
Tgt Ion: 77 Resp: 10020

Ion Ratio Lower Upper

77 100

97 21.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 4.906 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

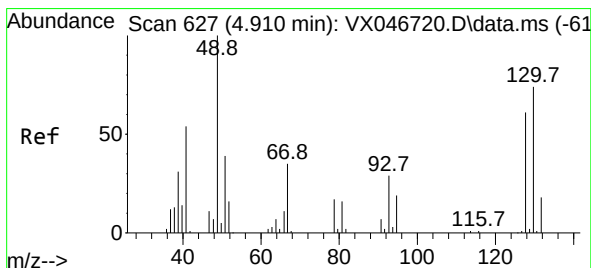
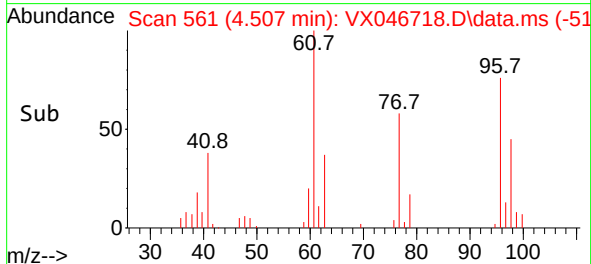
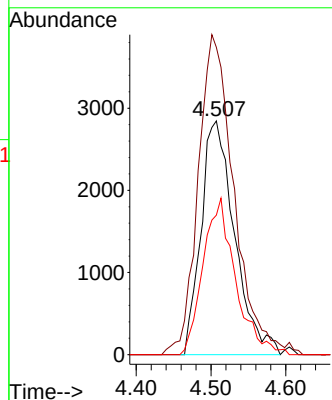
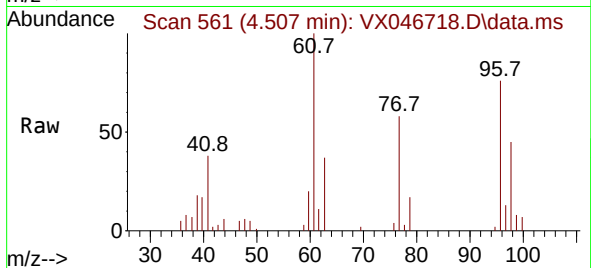
Tgt Ion: 96 Resp: 8891

Ion Ratio Lower Upper

96 100

61 146.2 0.0 291.0

98 64.6 0.0 126.8



#28

Bromochloromethane

Concen: 5.326 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

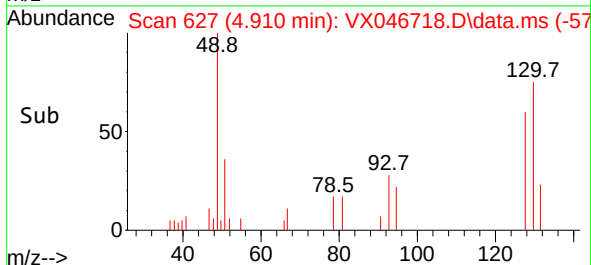
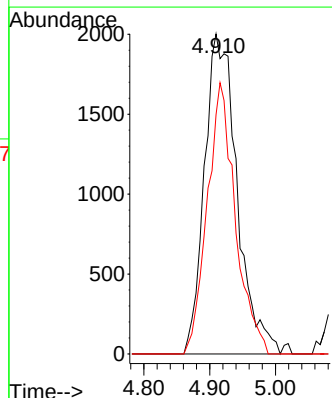
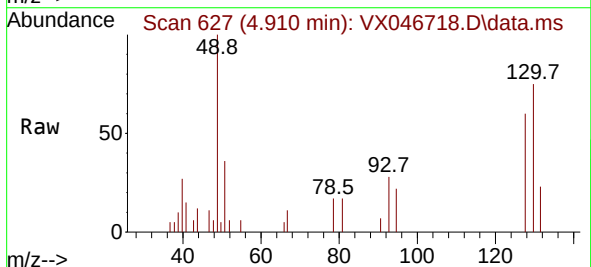
Tgt Ion: 49 Resp: 6884

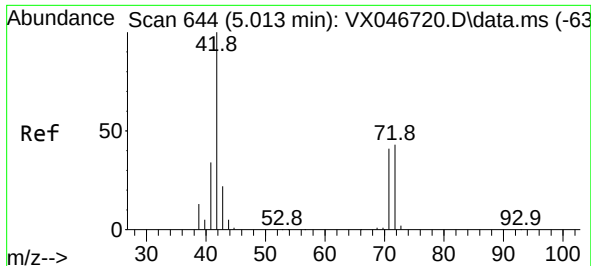
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 73.3 61.4 92.0





#29

Tetrahydrofuran

Concen: 24.367 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

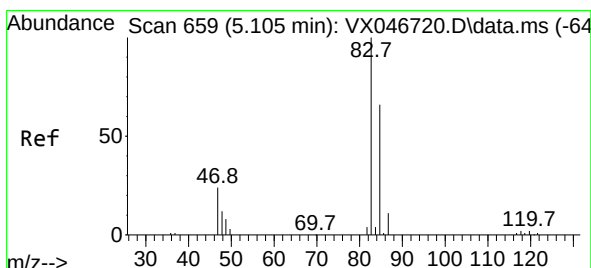
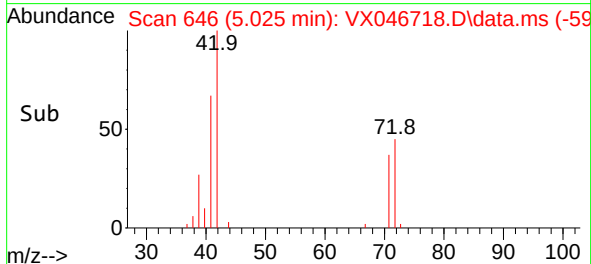
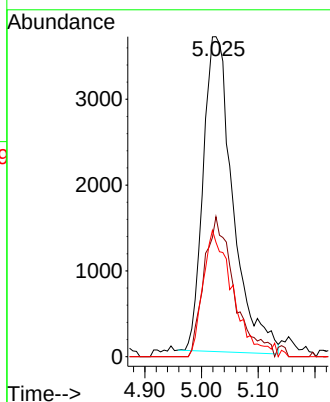
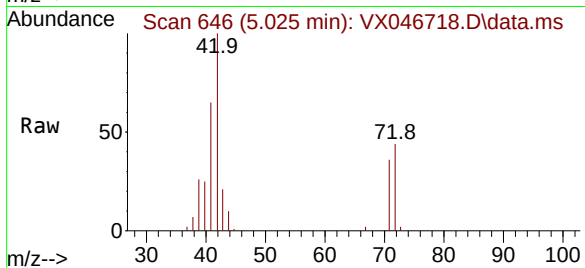
Tgt Ion: 42 Resp: 13402

Ion Ratio Lower Upper

42 100

72 44.7 34.9 52.3

71 40.5 32.2 48.2



#30

Chloroform

Concen: 5.046 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046718.D

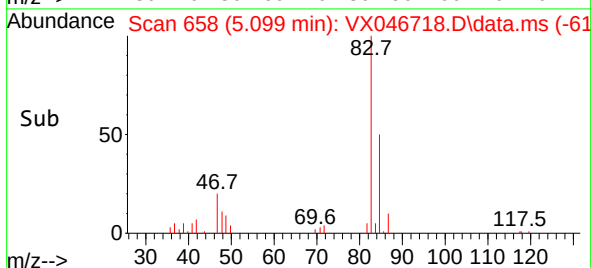
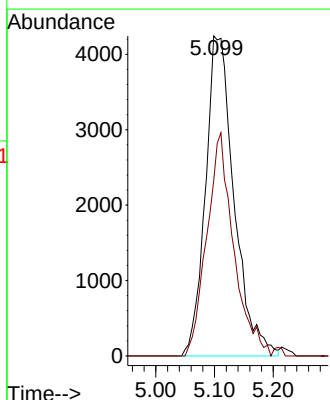
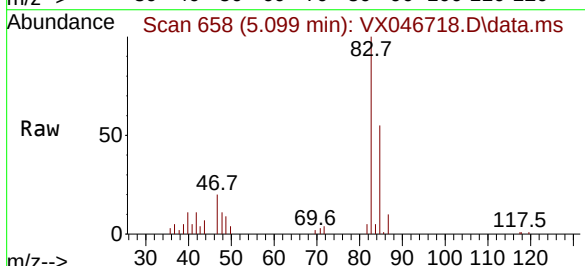
Acq: 17 Jun 2025 11:19

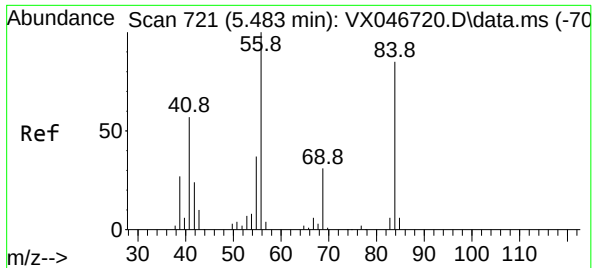
Tgt Ion: 83 Resp: 14385

Ion Ratio Lower Upper

83 100

85 56.2 53.7 80.5

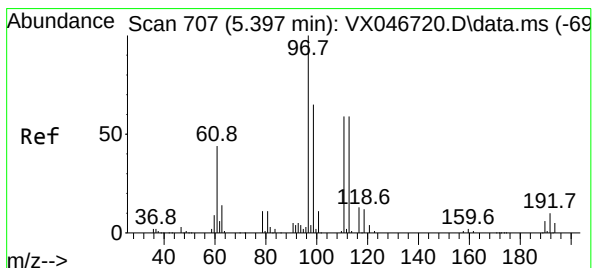
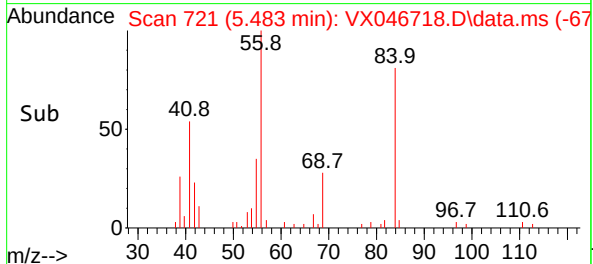
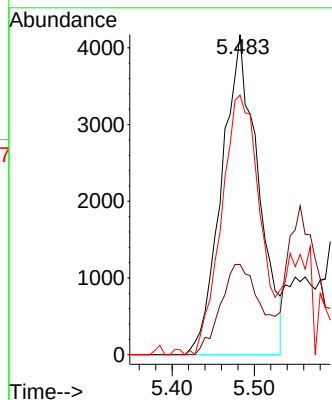
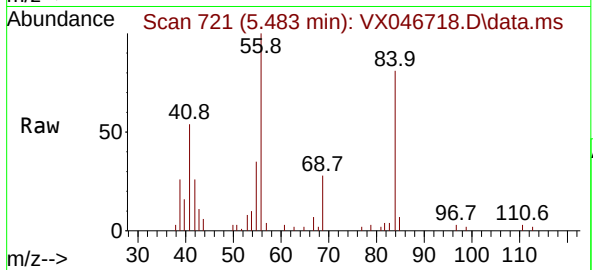




#31
Cyclohexane
Concen: 4.748 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

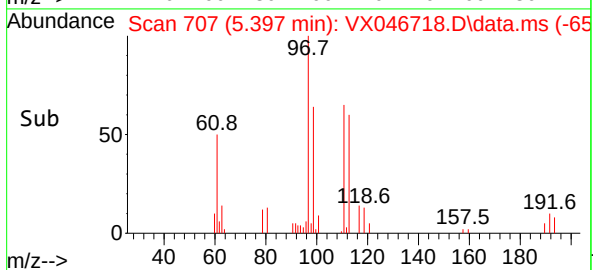
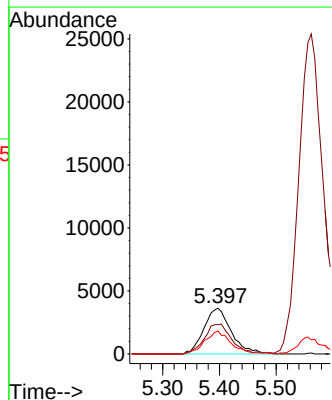
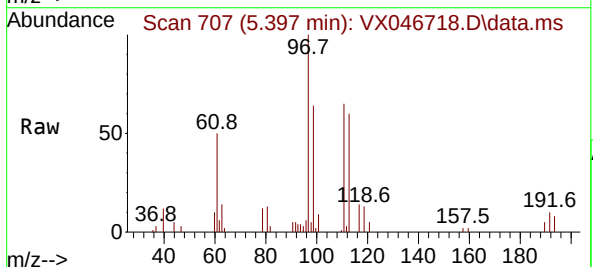
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

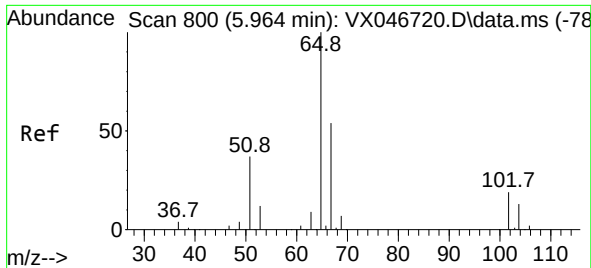
Tgt Ion: 56 Resp: 12835
Ion Ratio Lower Upper
56 100
69 28.2 24.8 37.2
84 79.6 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 4.859 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 97 Resp: 12150
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 47.8 36.4 54.6

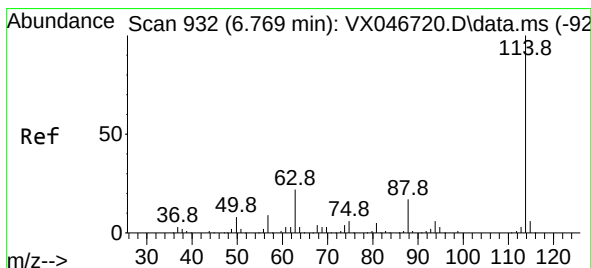
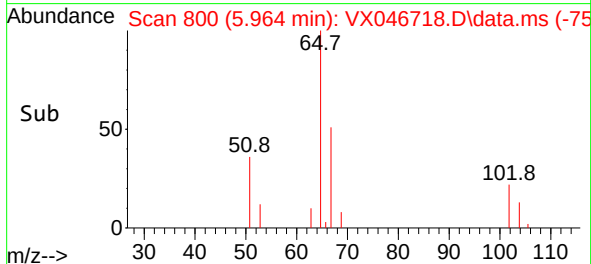
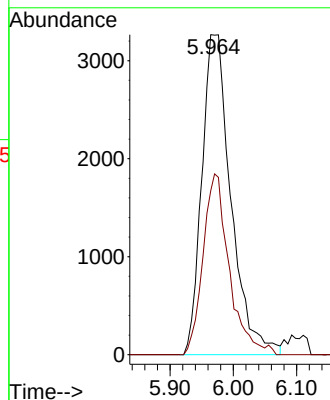
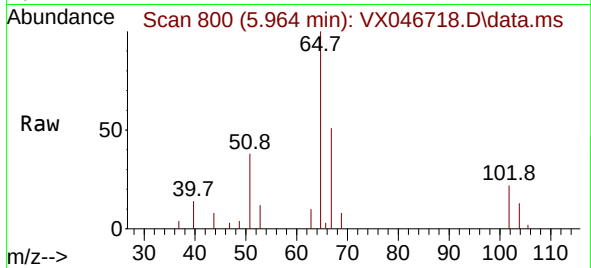




#33
 1,2-Dichloroethane-d4
 Concen: 5.791 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

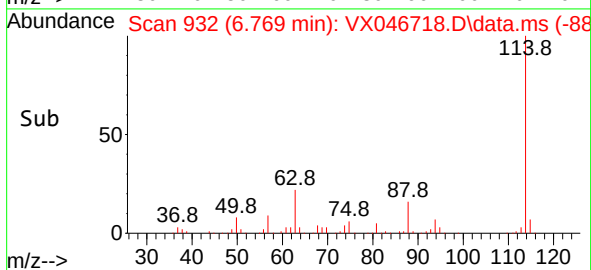
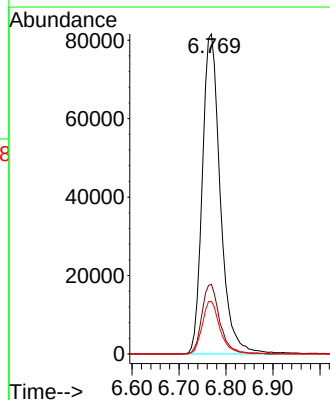
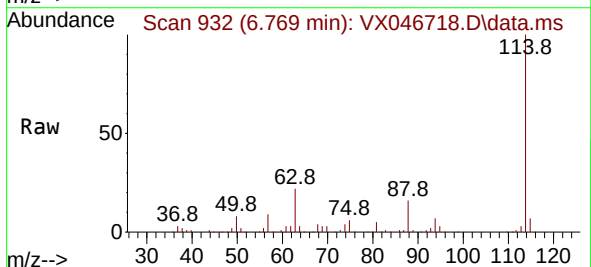
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

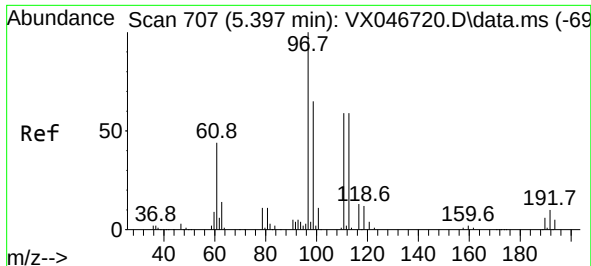
Tgt Ion: 65 Resp: 10456
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

Tgt Ion: 114 Resp: 217019
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.4 0.0 33.2

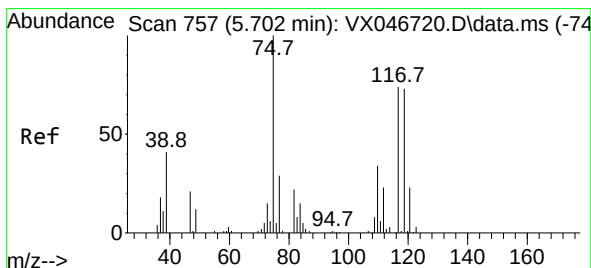
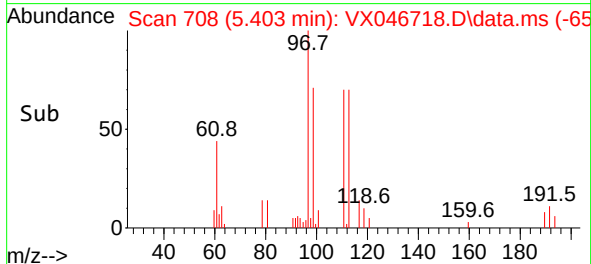
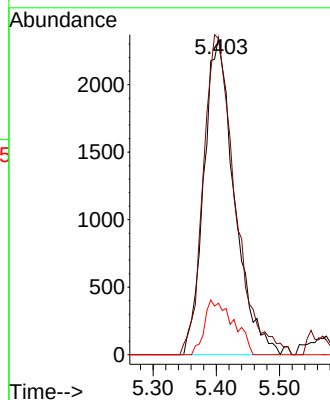
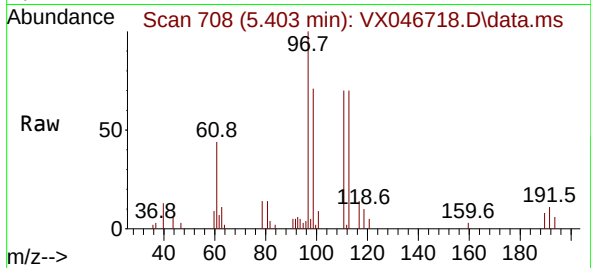




#35
Dibromofluoromethane
Concen: 5.478 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

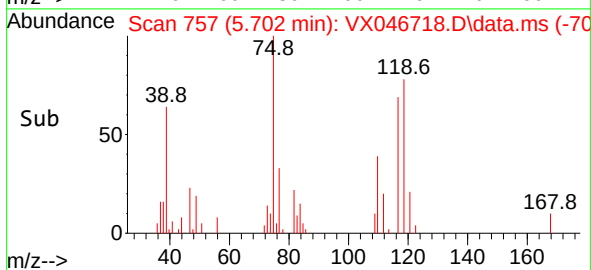
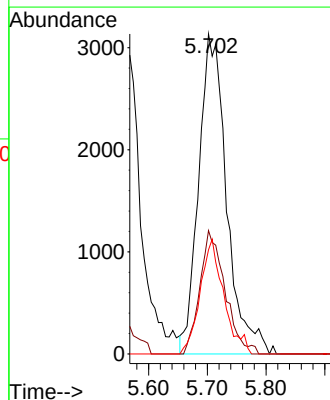
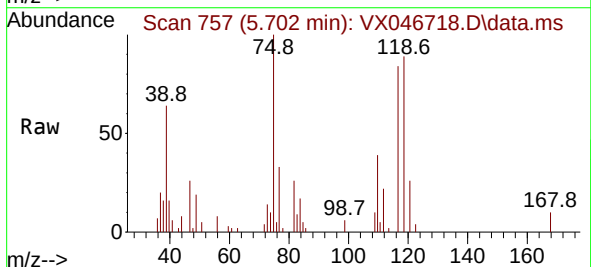
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

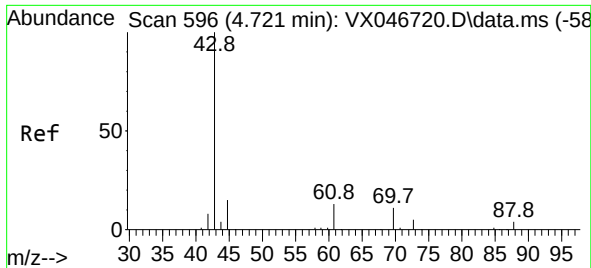
Tgt Ion:113 Resp: 7865
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 16.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.998 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 75 Resp: 10359
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.5
77 30.4 24.2 36.4





#37

Ethyl Acetate

Concen: 4.580 ug/l

RT: 4.733 min Scan# 596

Delta R.T. 0.012 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

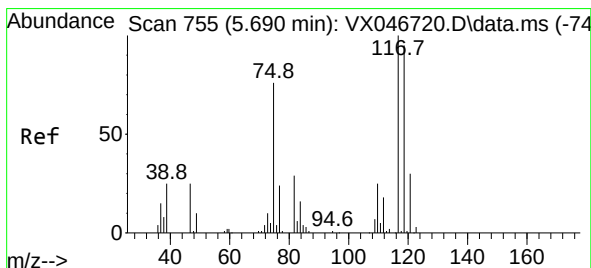
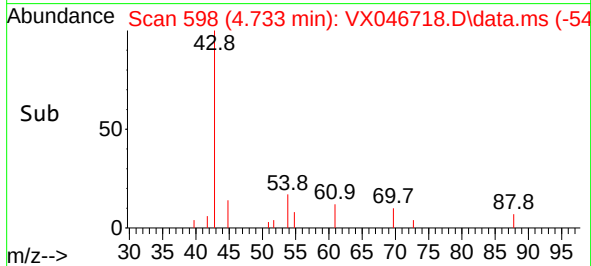
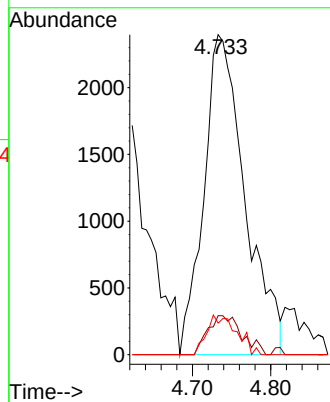
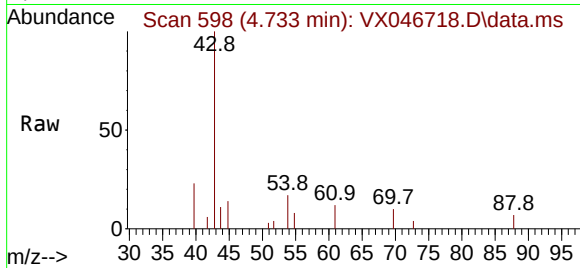
Tgt Ion: 43 Resp: 8763

Ion Ratio Lower Upper

43 100

61 10.1 9.7 14.5

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 4.909 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

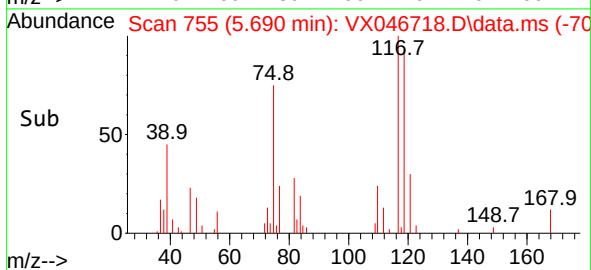
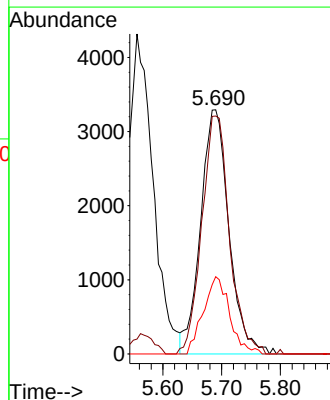
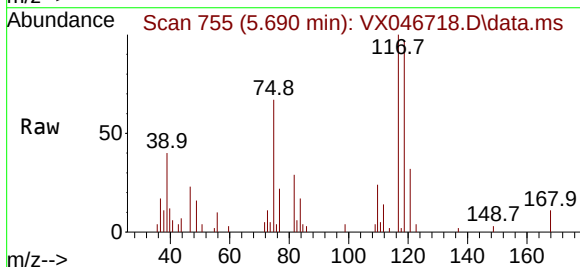
Tgt Ion: 117 Resp: 11043

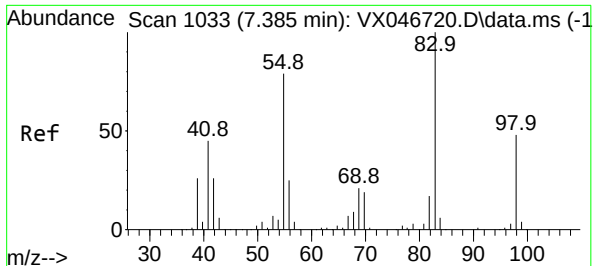
Ion Ratio Lower Upper

117 100

119 95.6 75.2 112.8

121 31.6 24.1 36.1





#39

Methylcyclohexane

Concen: 5.024 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

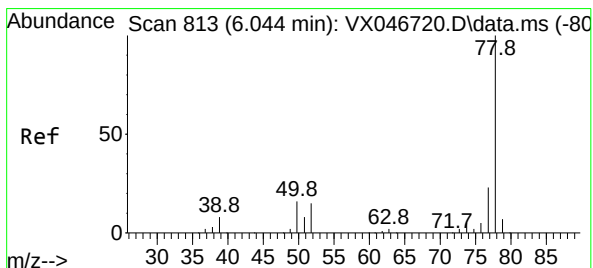
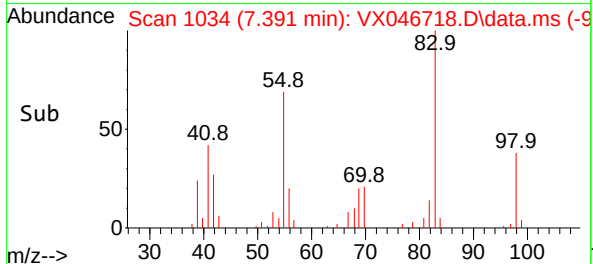
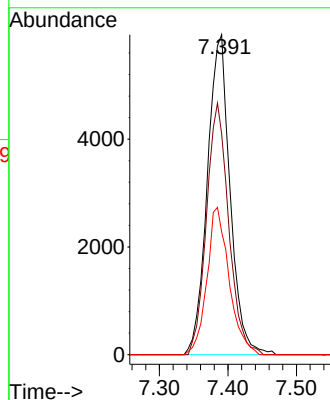
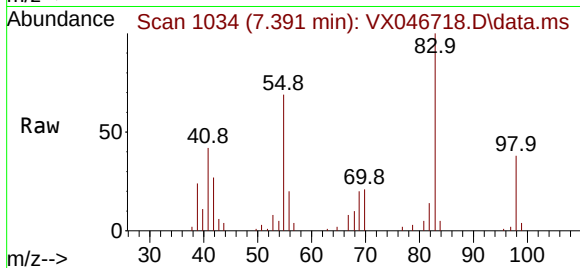
Tgt Ion: 83 Resp: 13704

Ion Ratio Lower Upper

83 100

55 69.0 63.0 94.4

98 38.4 38.8 58.2#



#40

Benzene

Concen: 5.064 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX046718.D

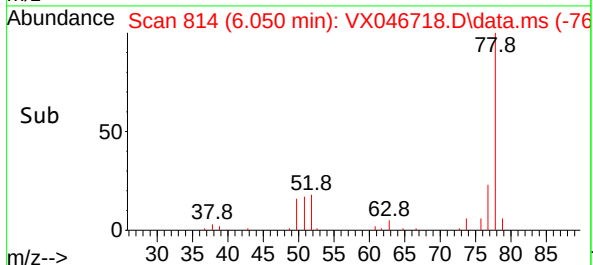
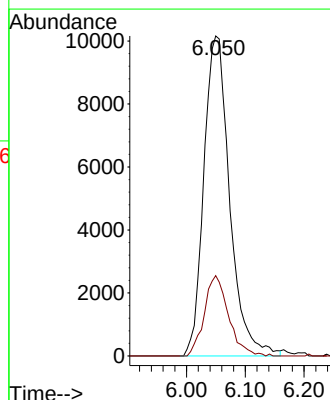
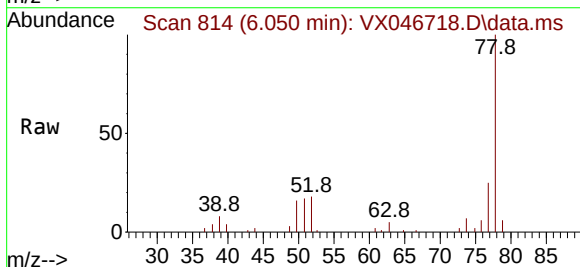
Acq: 17 Jun 2025 11:19

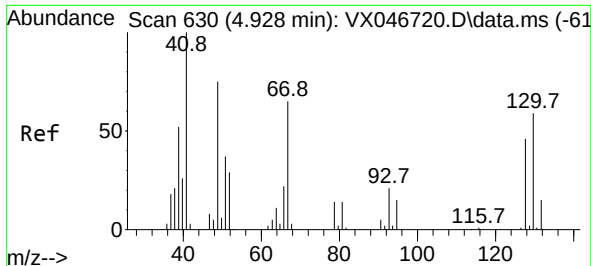
Tgt Ion: 78 Resp: 31061

Ion Ratio Lower Upper

78 100

77 25.1 18.8 28.2

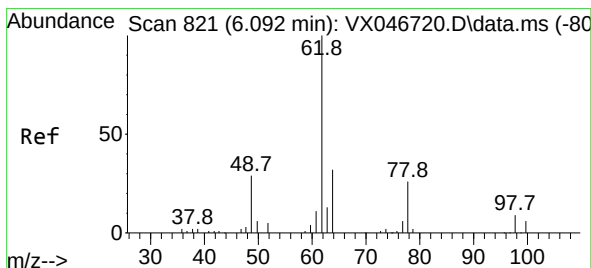
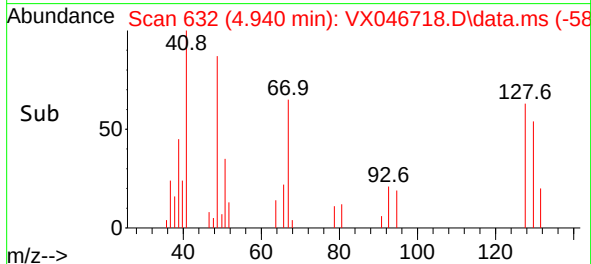
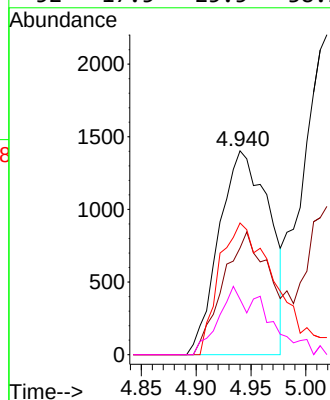
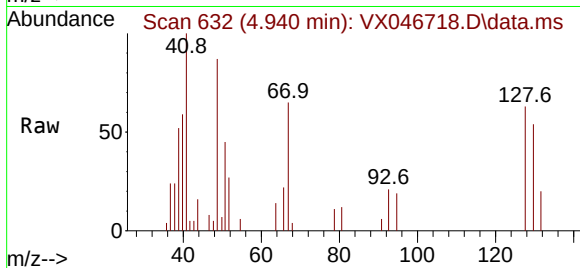




#41
Methacrylonitrile
Concen: 4.400 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

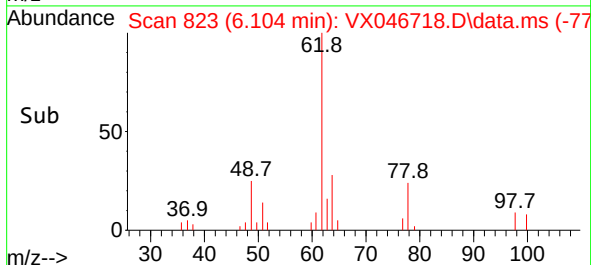
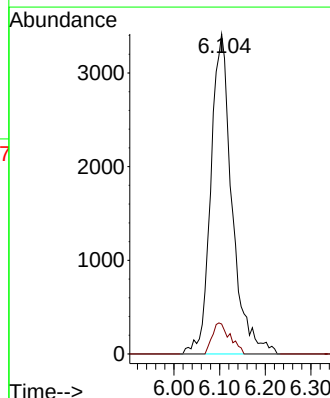
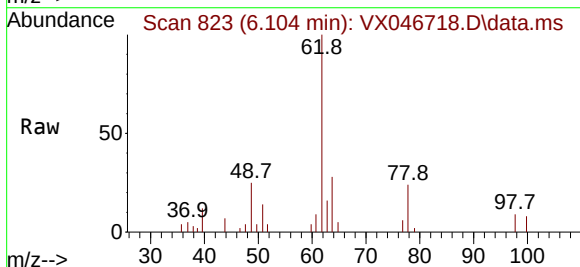
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

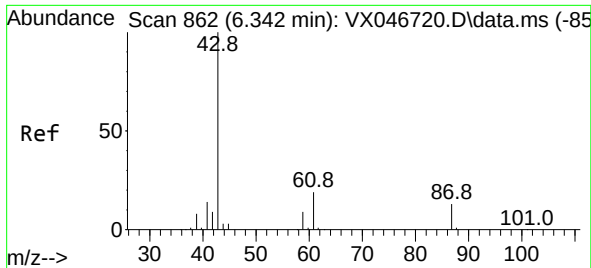
Tgt Ion:	41	Resp:	4488
Ion	Ratio	Lower	Upper
41	100		
39	61.2	45.9	68.9
67	74.8	61.2	91.8
52	17.5	25.5	38.3



#42
1,2-Dichloroethane
Concen: 5.116 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:	62	Resp:	11029
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8

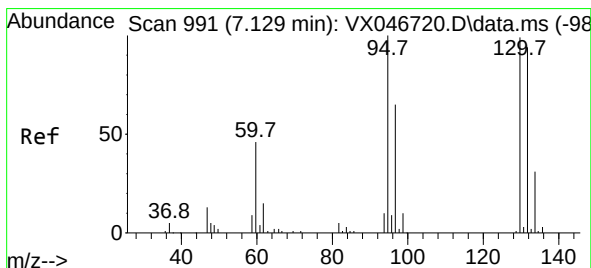
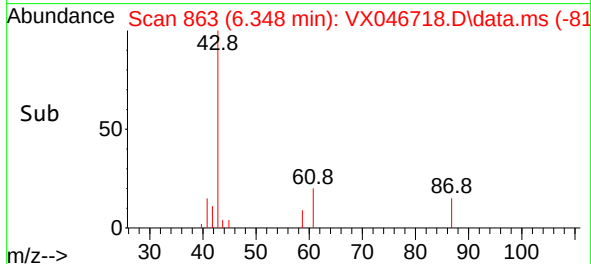
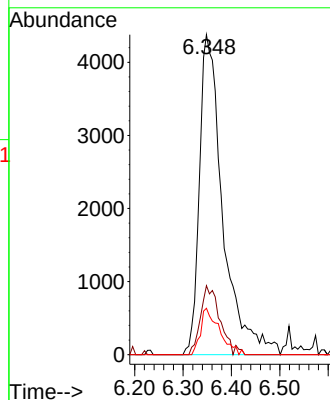
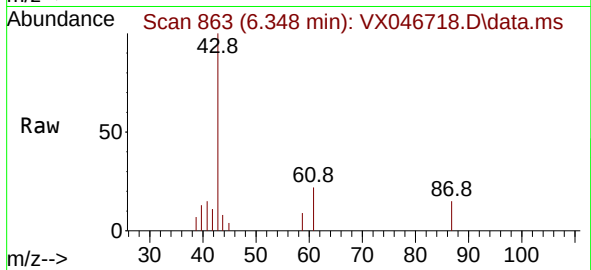




#43
Isopropyl Acetate
Concen: 4.914 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

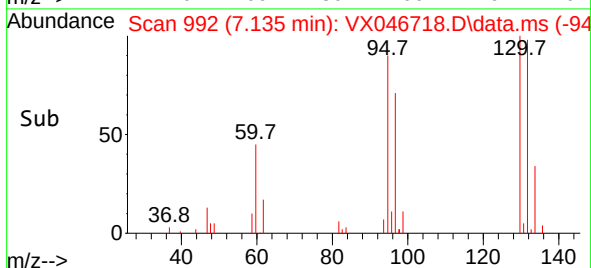
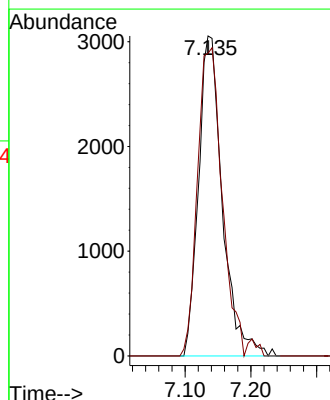
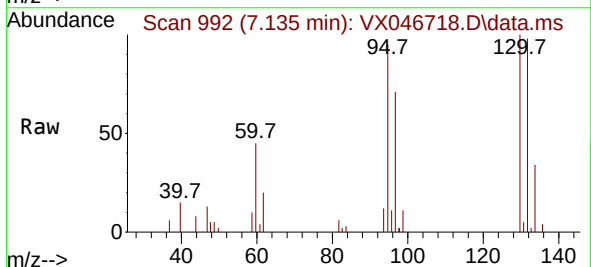
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

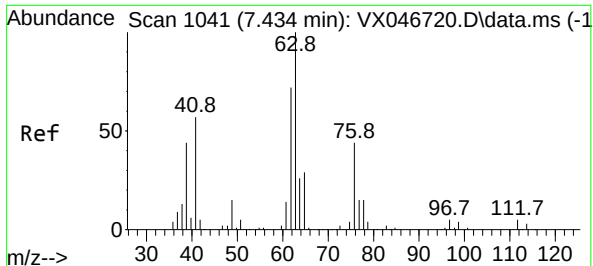
Tgt Ion: 43 Resp: 14711
Ion Ratio Lower Upper
43 100
61 17.3 15.3 22.9
87 11.6 10.0 15.0



#44
Trichloroethene
Concen: 4.927 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:130 Resp: 7703
Ion Ratio Lower Upper
130 100
95 94.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 4.952 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

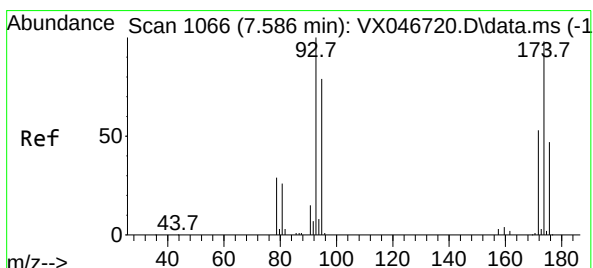
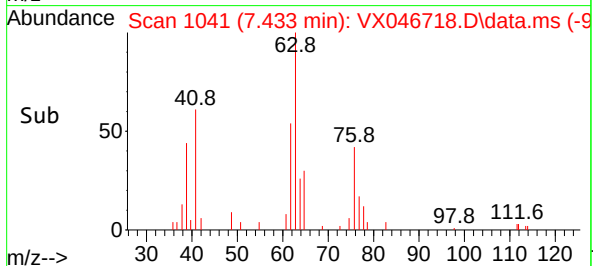
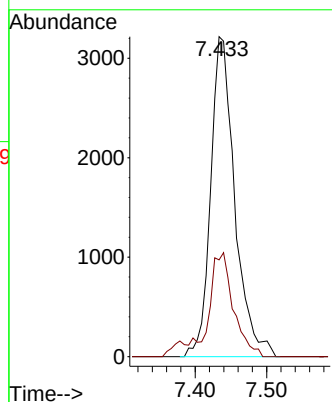
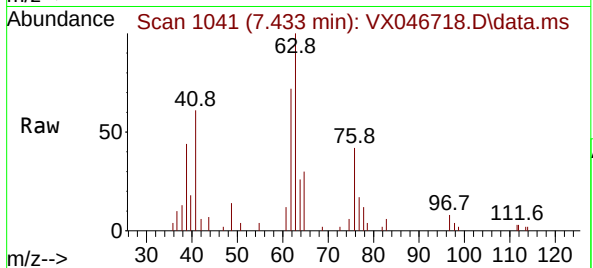
VSTDIC005

Tgt Ion: 63 Resp: 7529

Ion Ratio Lower Upper

63 100

65 30.2 22.9 34.3



#46

Dibromomethane

Concen: 4.821 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

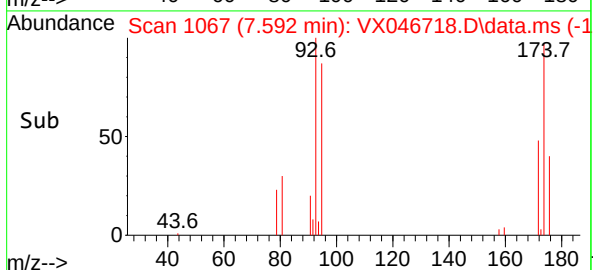
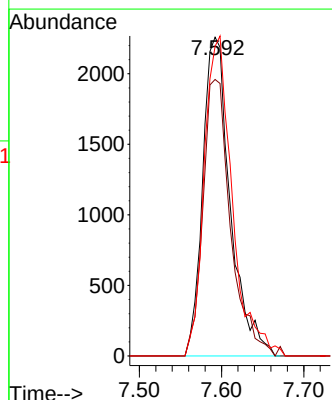
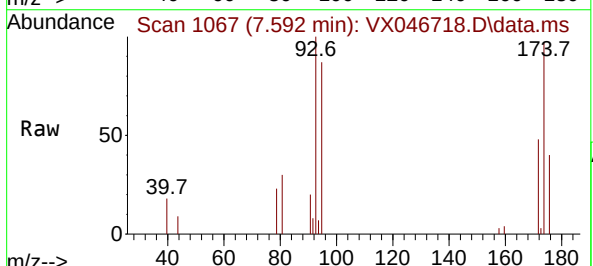
Tgt Ion: 93 Resp: 5267

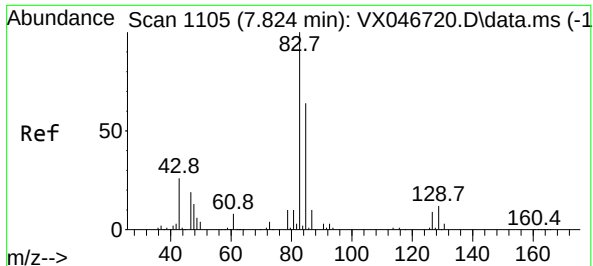
Ion Ratio Lower Upper

93 100

95 86.9 66.2 99.4

174 102.0 77.0 115.6

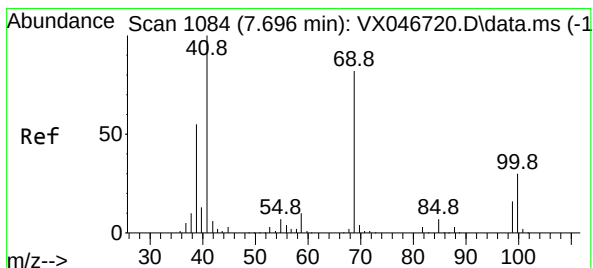
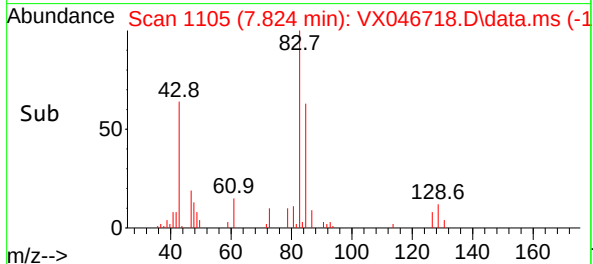
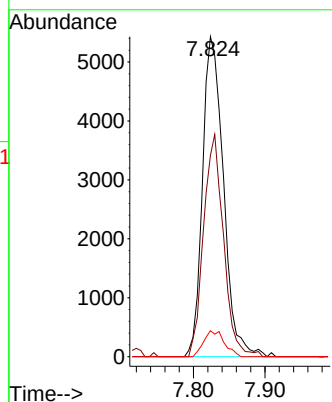
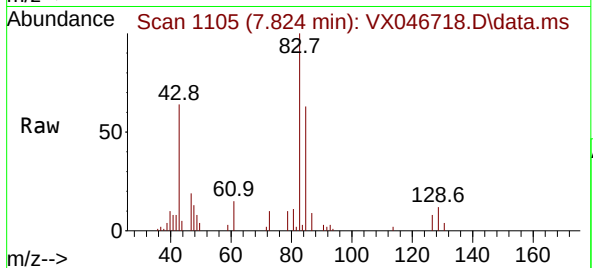




#47
Bromodichloromethane
Concen: 4.966 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

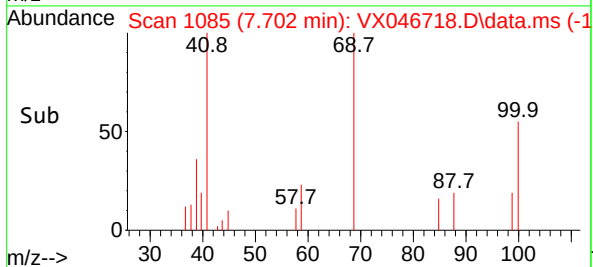
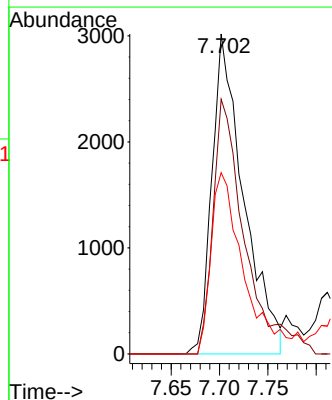
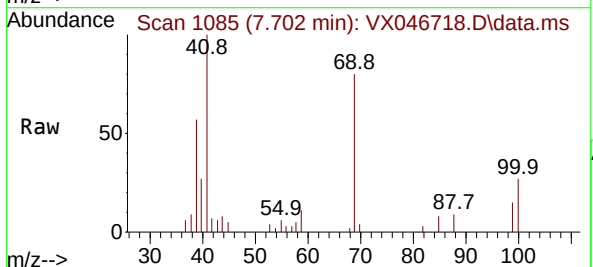
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

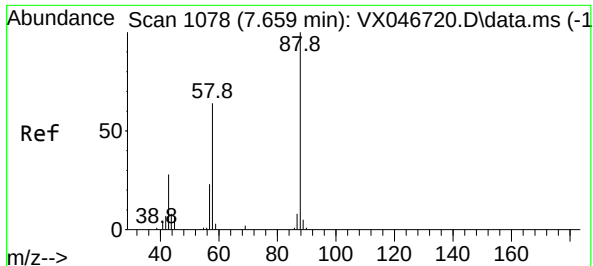
Tgt Ion:	83	Resp:	11072
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.4	77.2
127	7.9	6.9	10.3



#48
Methyl methacrylate
Concen: 4.571 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:	41	Resp:	6864
Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.4	95.2
39	58.5	45.4	68.0





#49

1,4-Dioxane

Concen: 113.091 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

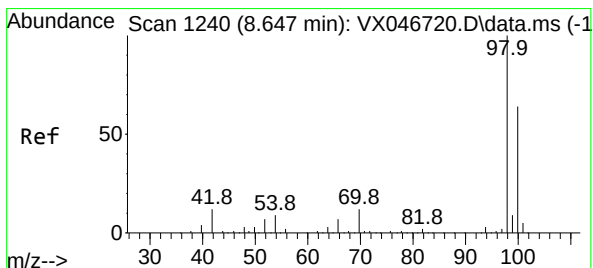
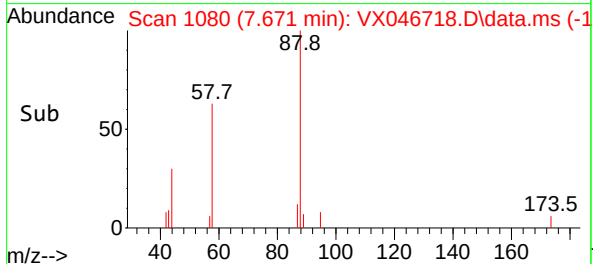
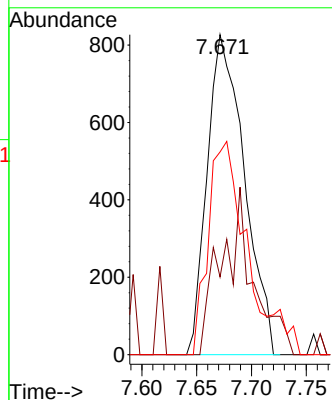
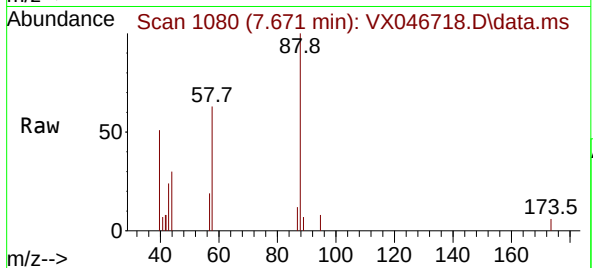
Tgt Ion: 88 Resp: 1949

Ion Ratio Lower Upper

88 100

43 44.9 31.2 46.8

58 70.8 54.7 82.1



#50

Toluene-d8

Concen: 5.645 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046718.D

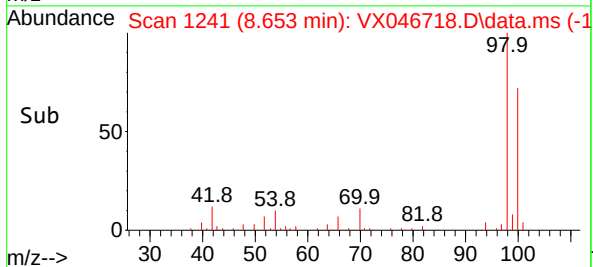
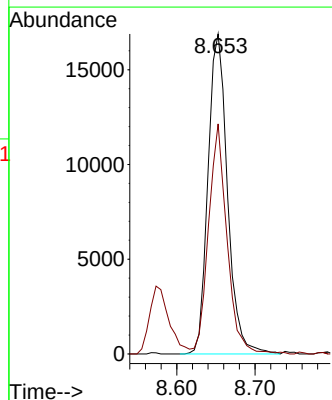
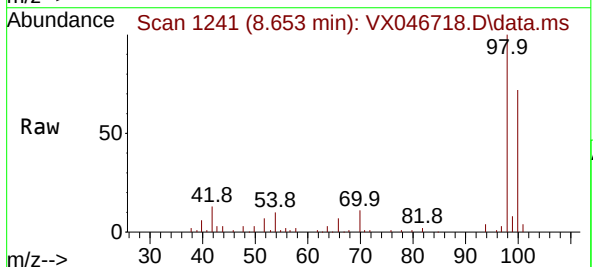
Acq: 17 Jun 2025 11:19

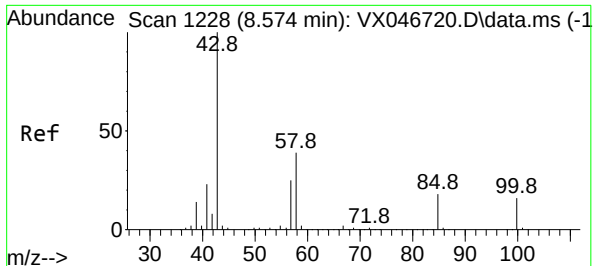
Tgt Ion: 98 Resp: 29120

Ion Ratio Lower Upper

98 100

100 68.4 53.0 79.4

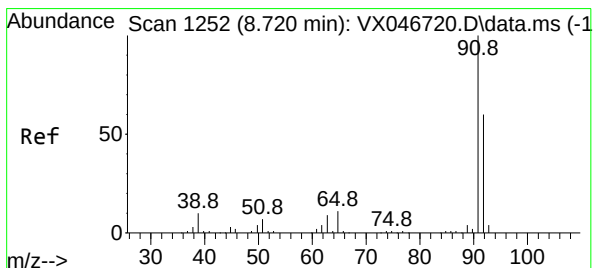
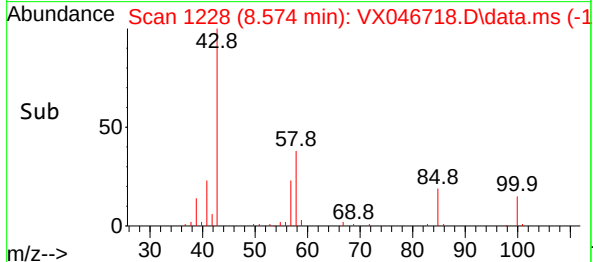
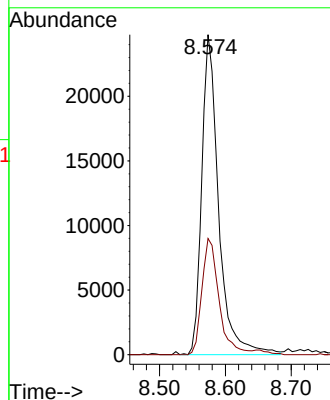
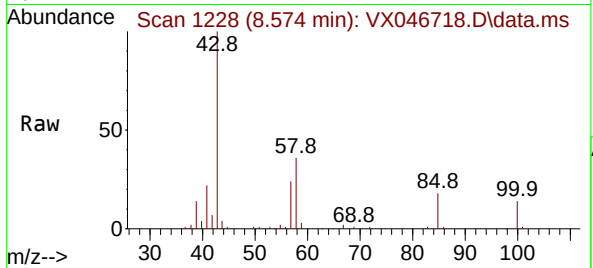




#51
4-Methyl-2-Pentanone
Concen: 24.800 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

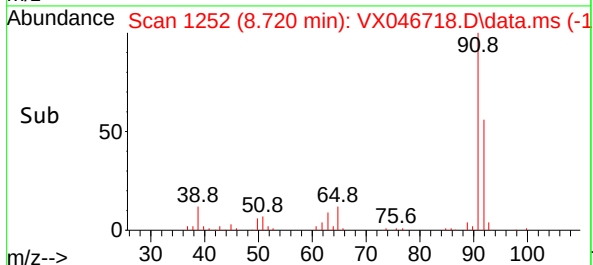
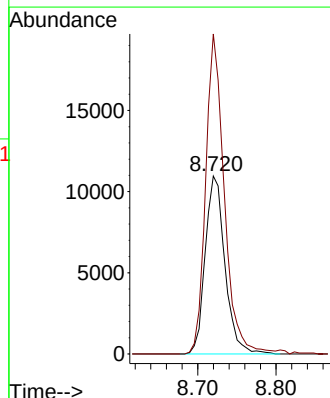
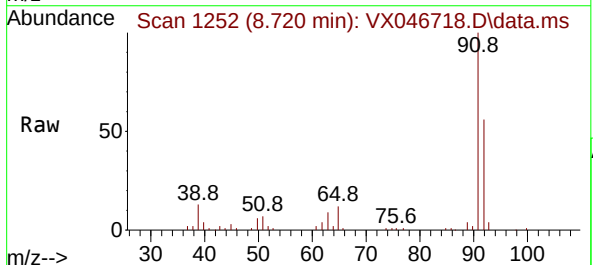
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

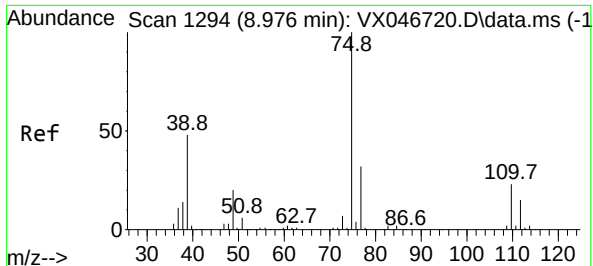
Tgt Ion: 43 Resp: 44282
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2



#52
Toluene
Concen: 5.046 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 92 Resp: 19190
Ion Ratio Lower Upper
92 100
91 170.2 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 4.591 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

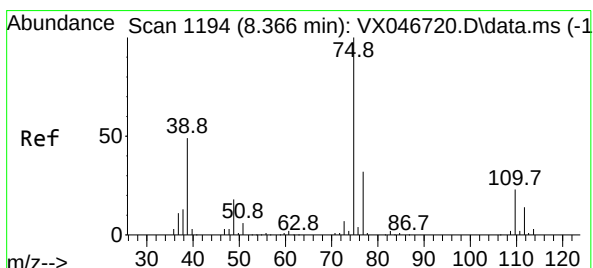
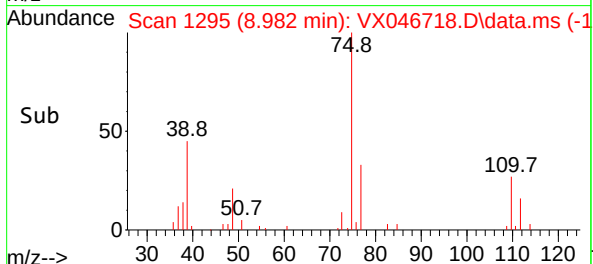
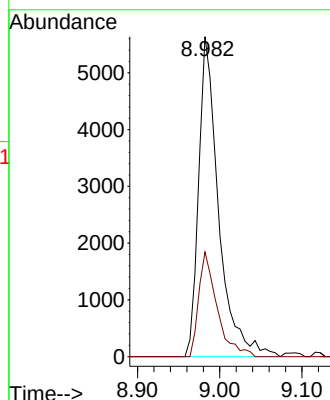
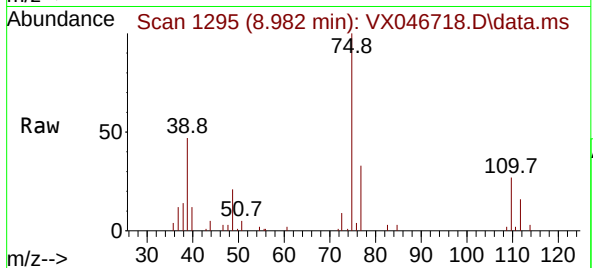
VSTDIC005

Tgt Ion: 75 Resp: 9497

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 4.764 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

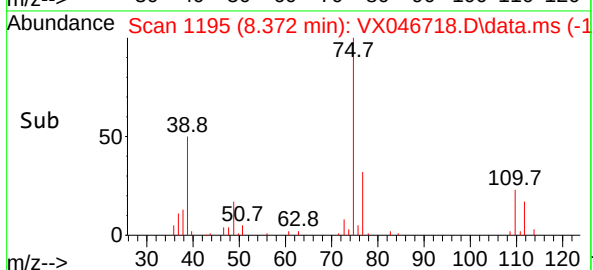
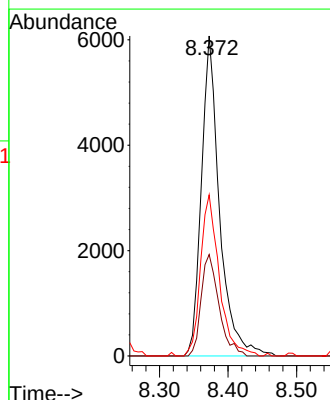
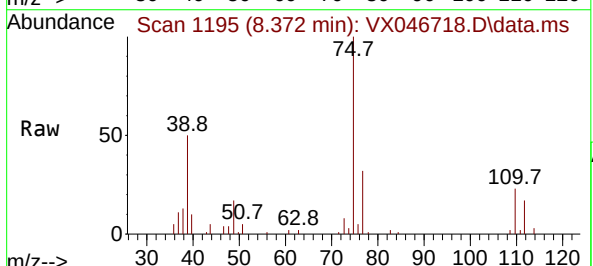
Tgt Ion: 75 Resp: 11188

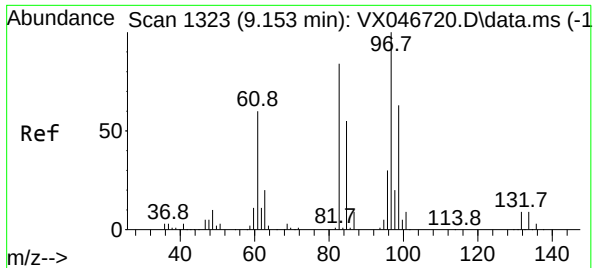
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 54.9 39.2 58.8

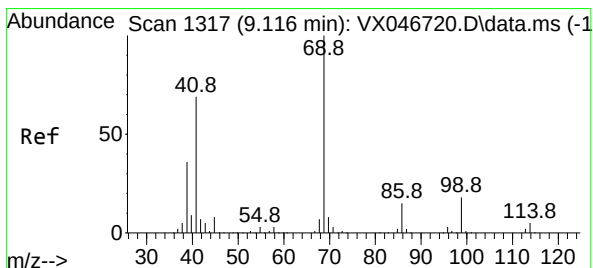
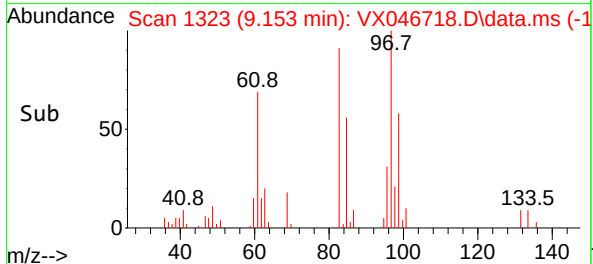
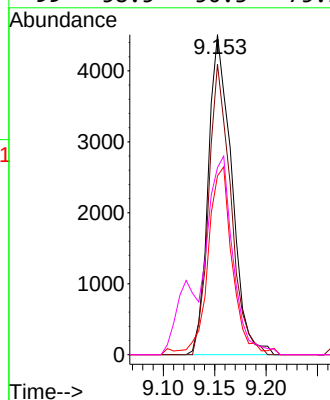
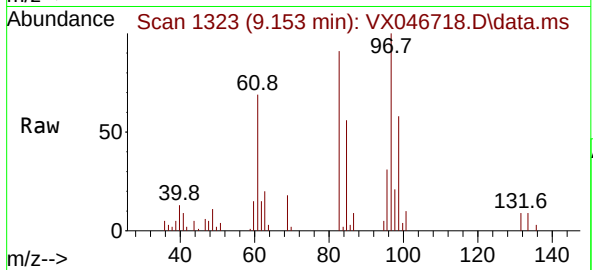




#55
1,1,2-Trichloroethane
Concen: 5.046 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

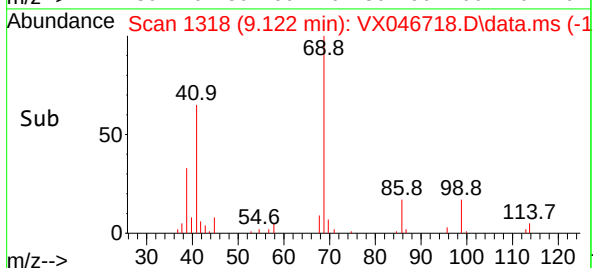
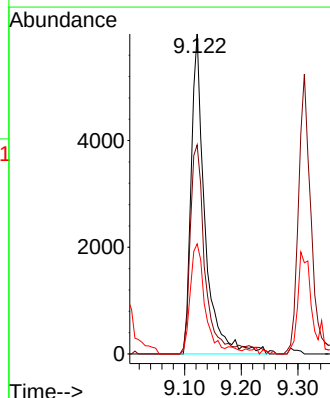
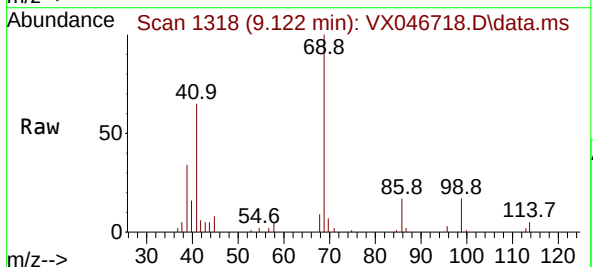
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

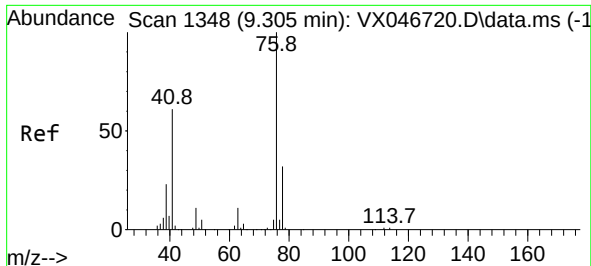
Tgt Ion:	97	Resp:	7151
Ion	Ratio	Lower	Upper
97	100		
83	90.8	67.2	100.8
85	55.8	44.1	66.1
99	58.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 4.828 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:	69	Resp:	10101
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.4	83.2
39	36.5	29.7	44.5





#57

1,3-Dichloropropane

Concen: 5.115 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

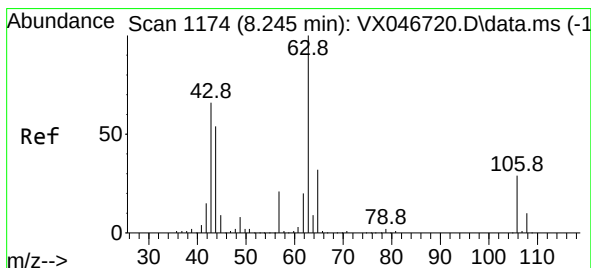
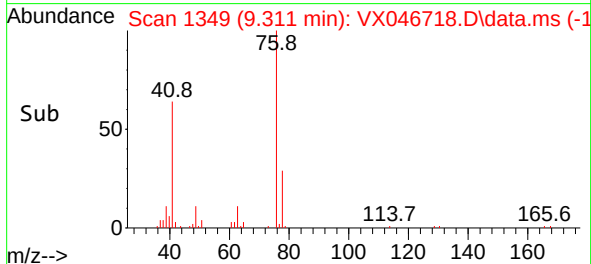
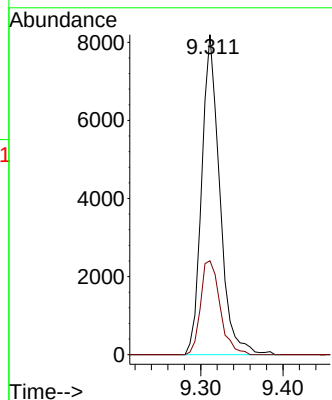
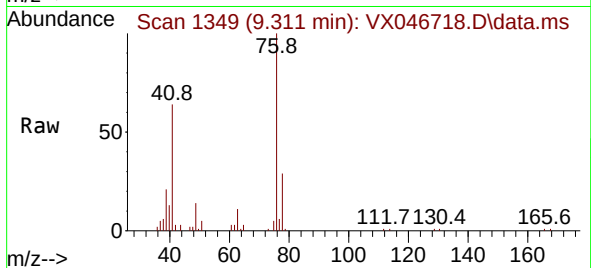
VSTDIC005

Tgt Ion: 76 Resp: 12483

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 24.071 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046718.D

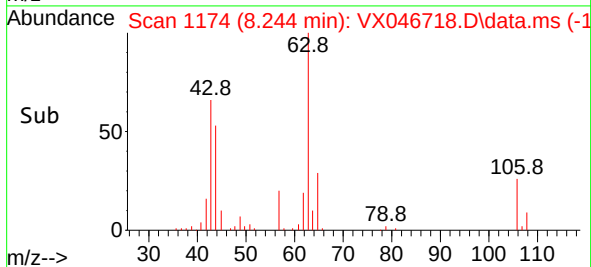
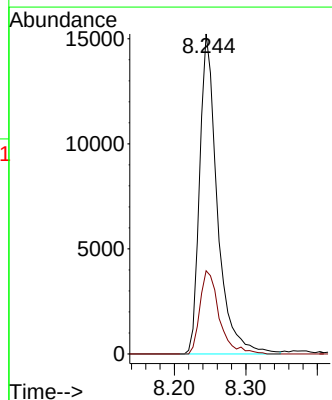
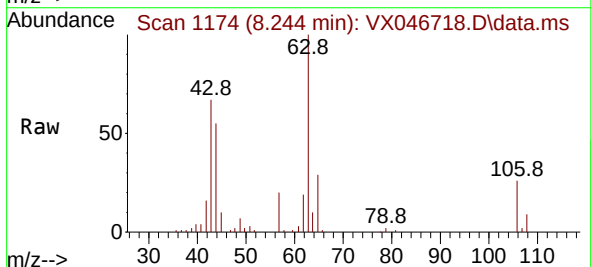
Acq: 17 Jun 2025 11:19

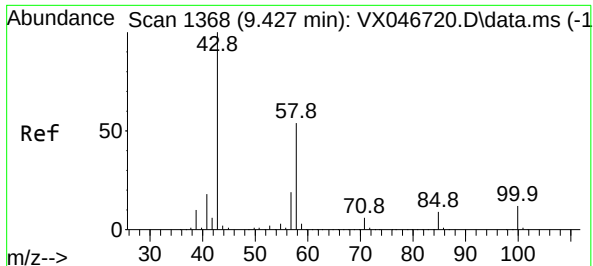
Tgt Ion: 63 Resp: 26158

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0

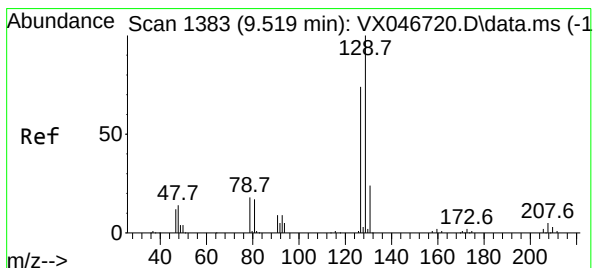
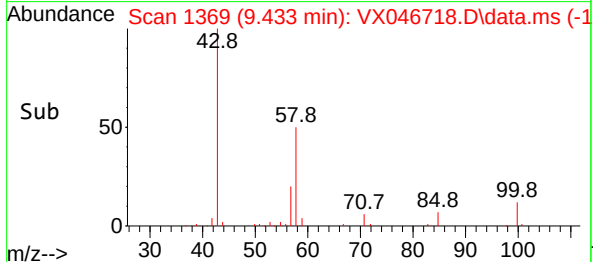
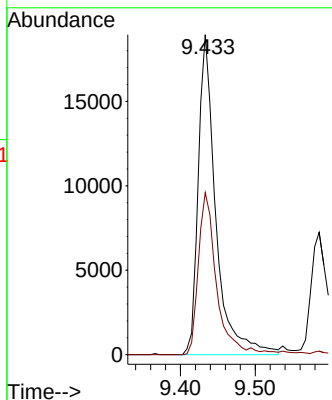
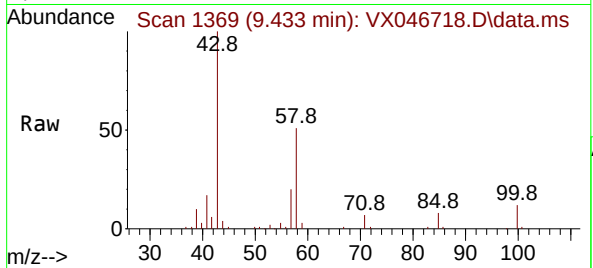




#59
2-Hexanone
Concen: 25.062 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

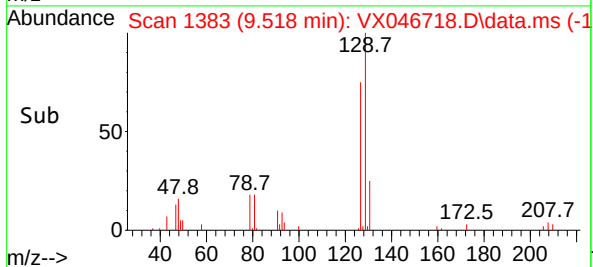
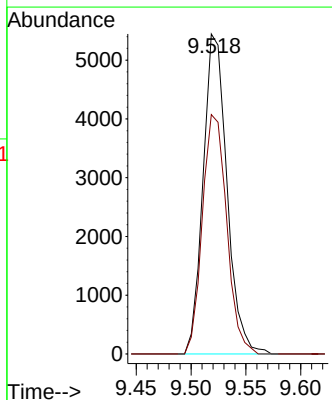
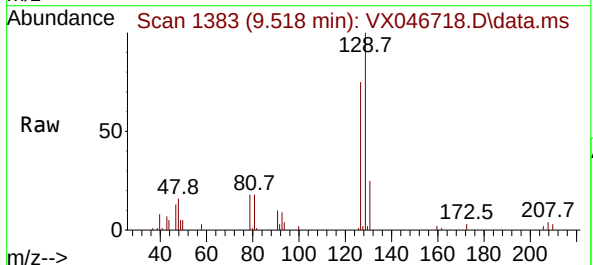
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

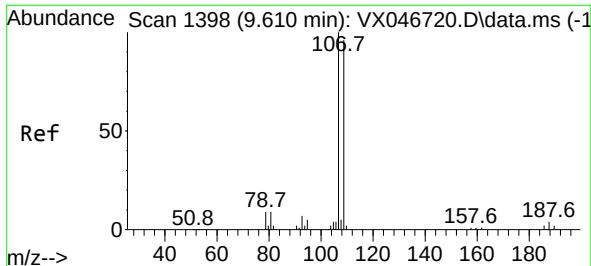
Tgt Ion: 43 Resp: 30938
Ion Ratio Lower Upper
43 100
58 52.6 26.8 80.4



#60
Dibromochloromethane
Concen: 4.939 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 129 Resp: 8249
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2

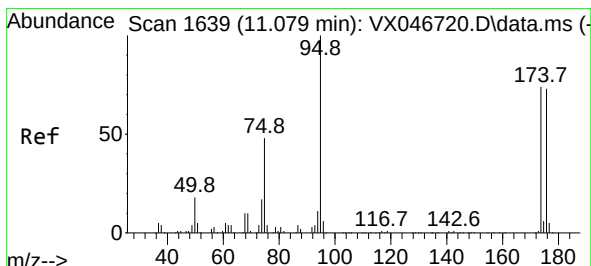
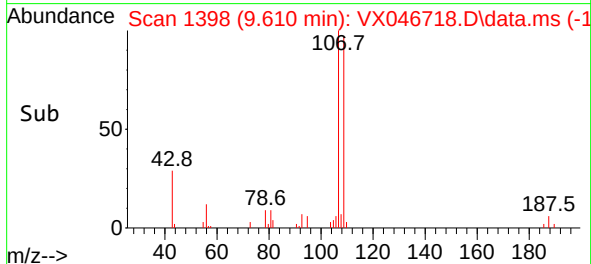
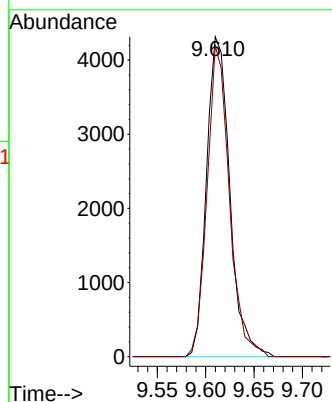
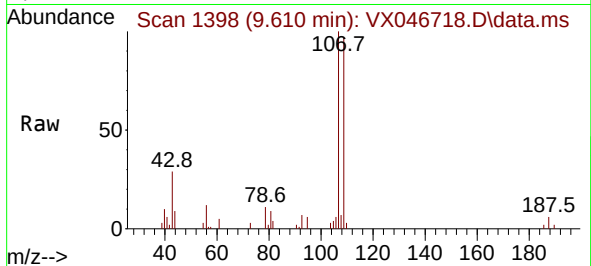




#61
1,2-Dibromoethane
Concen: 5.009 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

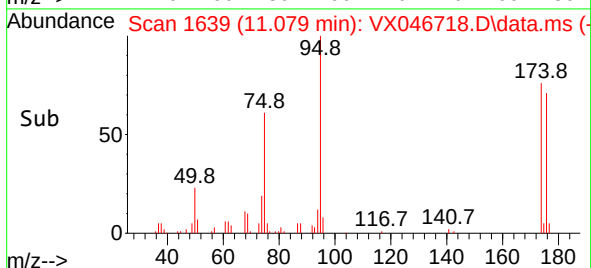
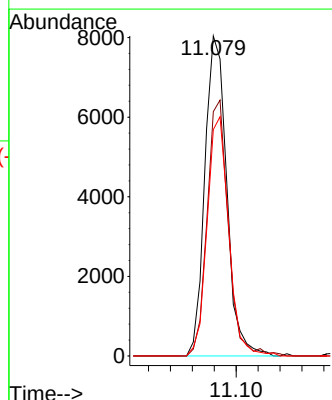
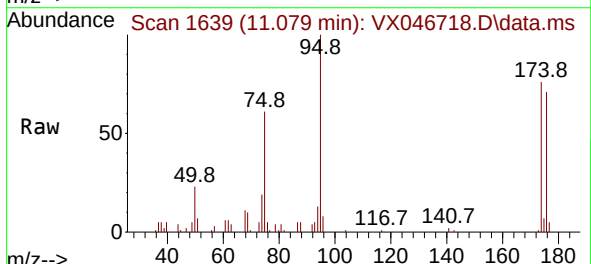
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

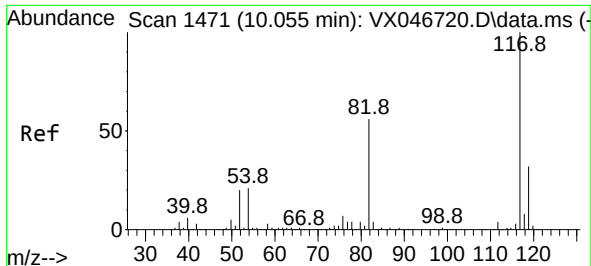
Tgt Ion:107 Resp: 7221
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 5.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 95 Resp: 11137
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.4
176 73.9 0.0 145.0

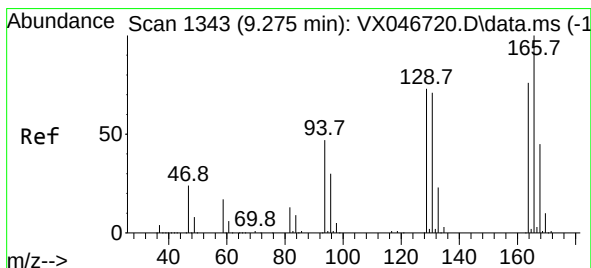
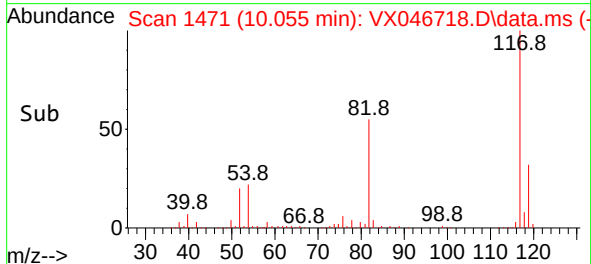
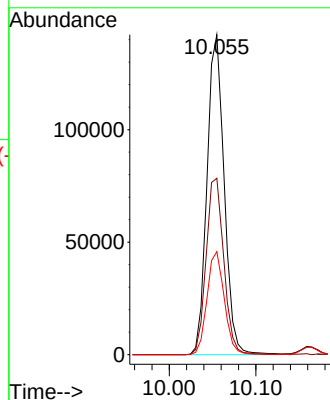
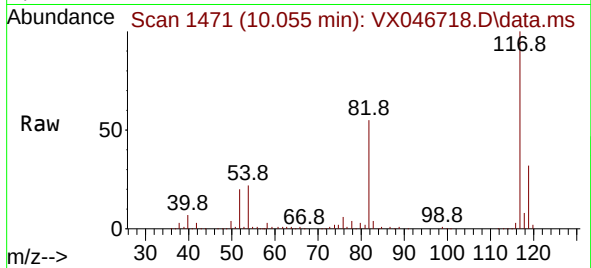




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

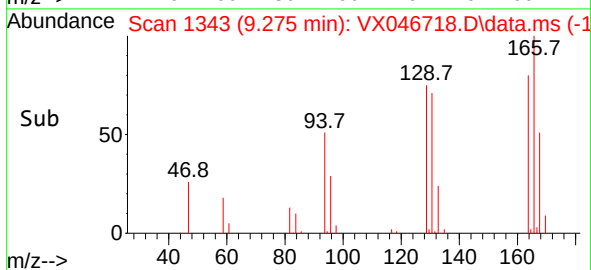
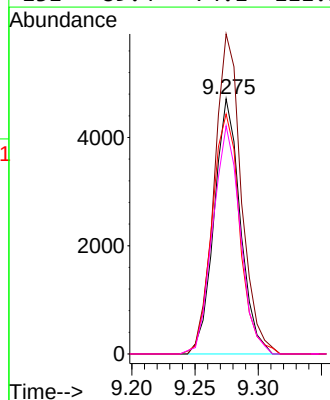
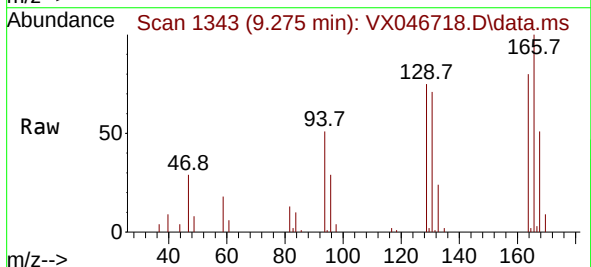
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

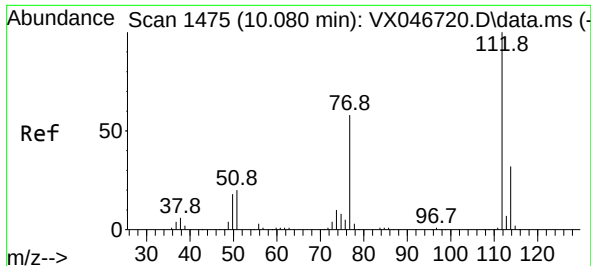
Tgt Ion:117 Resp: 195782
Ion Ratio Lower Upper
117 100
82 55.2 44.6 66.8
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 4.980 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:164 Resp: 6755
Ion Ratio Lower Upper
164 100
166 125.4 104.6 157.0
129 94.1 76.3 114.5
131 89.4 74.1 111.1

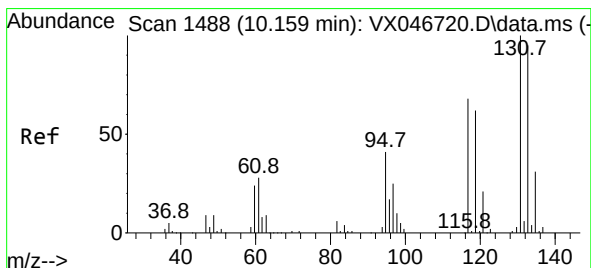
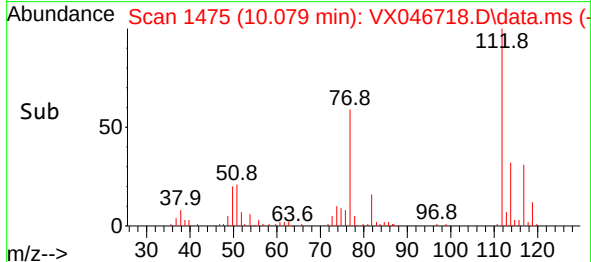
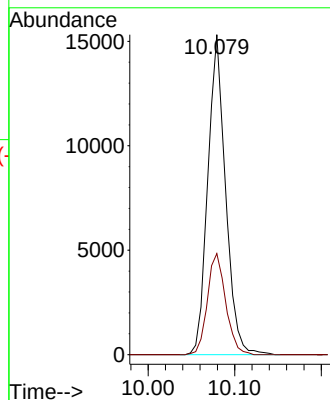
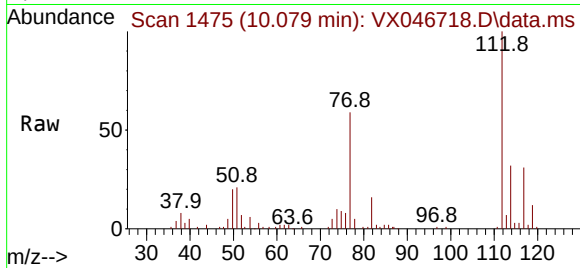




#65
Chlorobenzene
Concen: 5.046 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

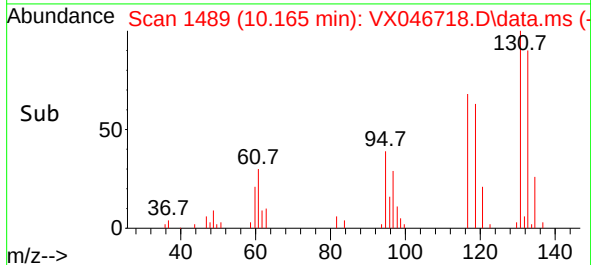
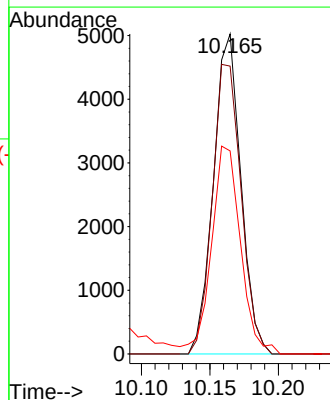
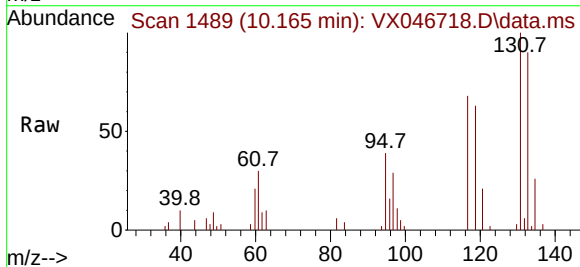
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

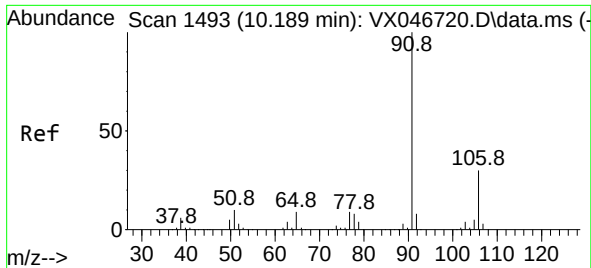
Tgt Ion:112 Resp: 21807
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.823 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:131 Resp: 7006
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 68.5 32.1 96.3





#67

Ethyl Benzene

Concen: 4.939 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

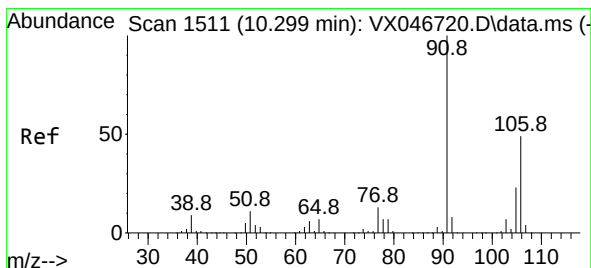
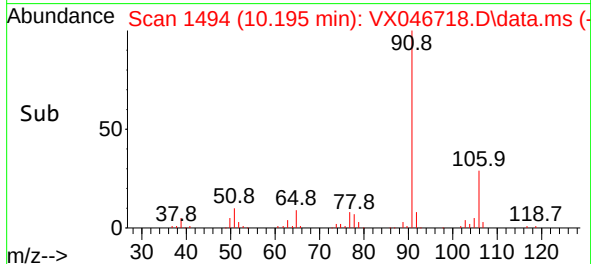
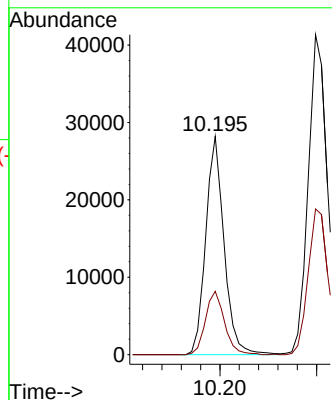
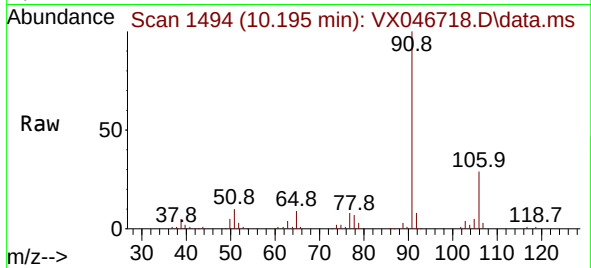
VSTDIC005

Tgt Ion: 91 Resp: 37295

Ion Ratio Lower Upper

91 100

106 29.0 24.2 36.2



#68

m/p-Xylenes

Concen: 9.812 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046718.D

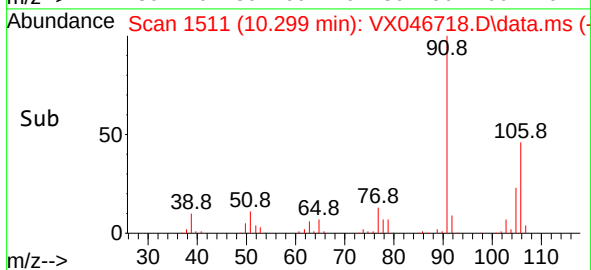
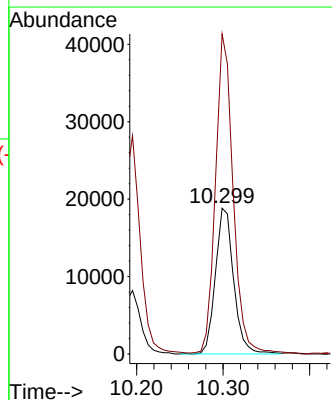
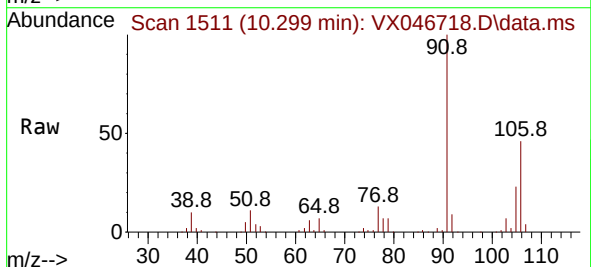
Acq: 17 Jun 2025 11:19

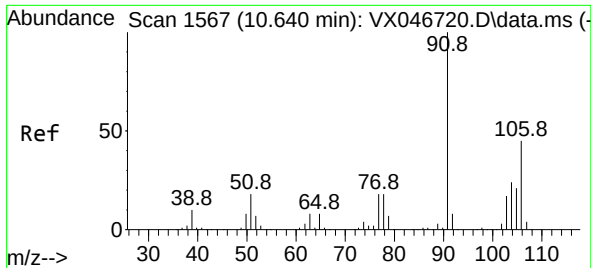
Tgt Ion:106 Resp: 27609

Ion Ratio Lower Upper

106 100

91 212.5 164.8 247.2

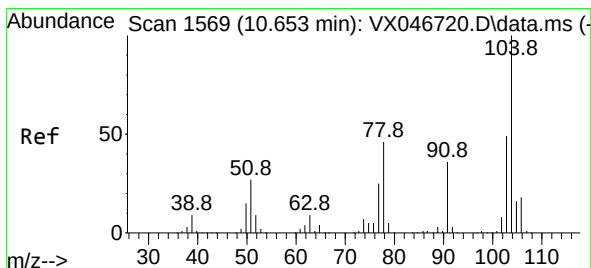
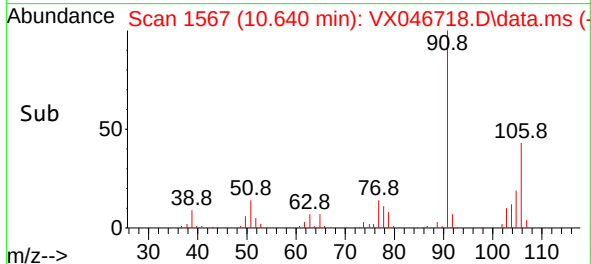
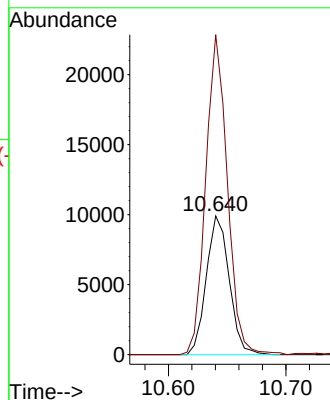
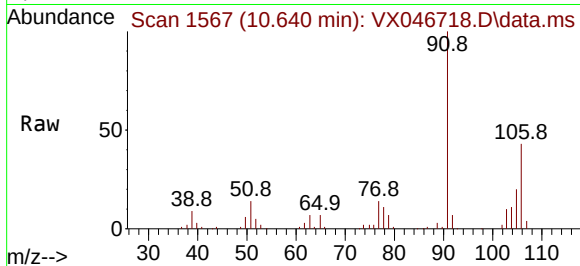




#69
o-Xylene
Concen: 5.090 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

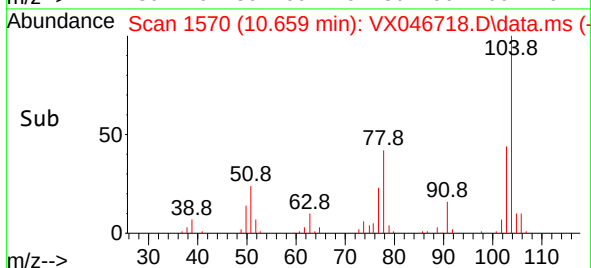
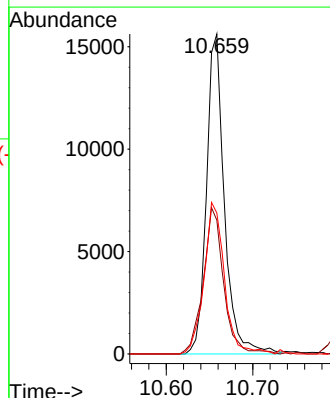
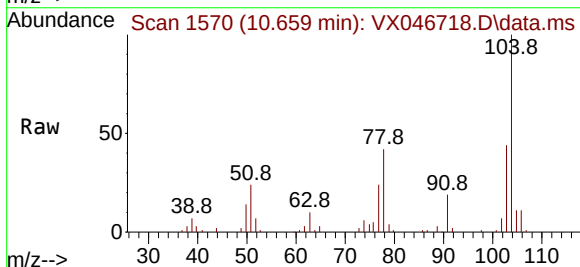
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

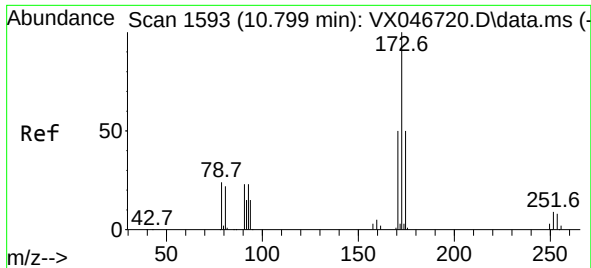
Tgt Ion:106 Resp: 13421
Ion Ratio Lower Upper
106 100
91 218.1 111.3 333.9



#70
Styrene
Concen: 4.855 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:104 Resp: 22403
Ion Ratio Lower Upper
104 100
78 52.1 41.4 62.2
103 54.0 43.1 64.7

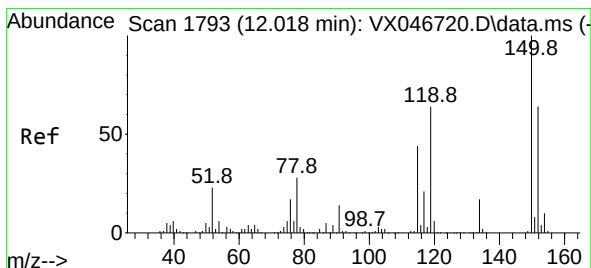
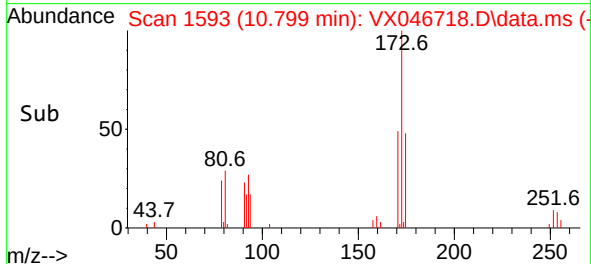
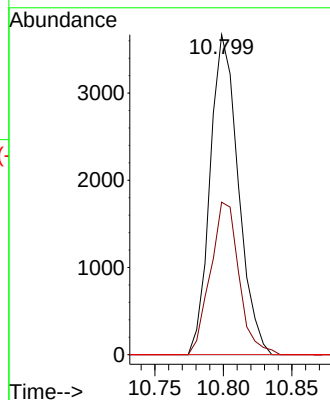
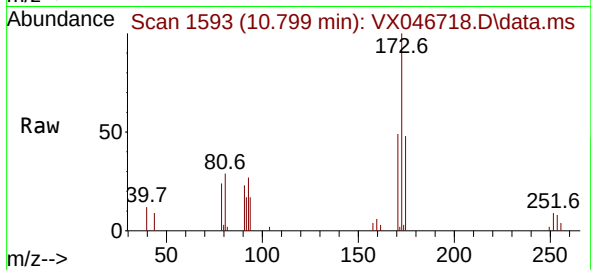




#71
Bromoform
Concen: 4.744 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

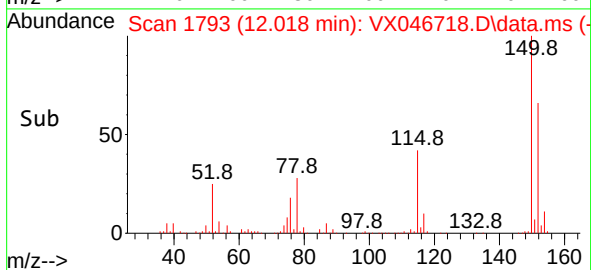
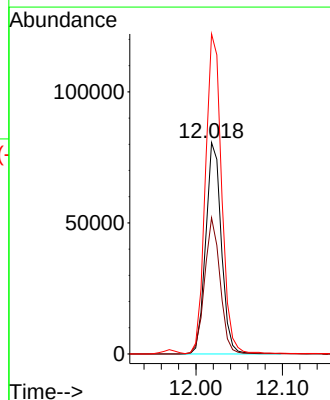
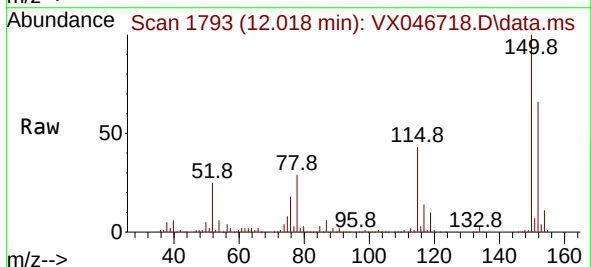
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

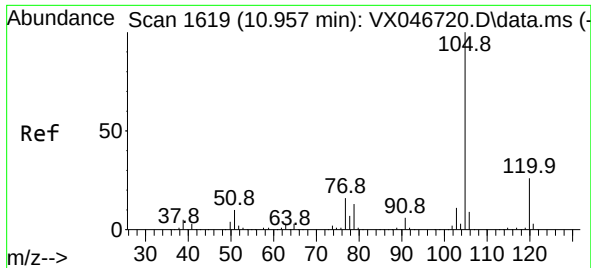
Tgt Ion:173 Resp: 5248
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion:152 Resp: 100990
Ion Ratio Lower Upper
152 100
115 64.0 43.2 129.6
150 156.3 0.0 346.8

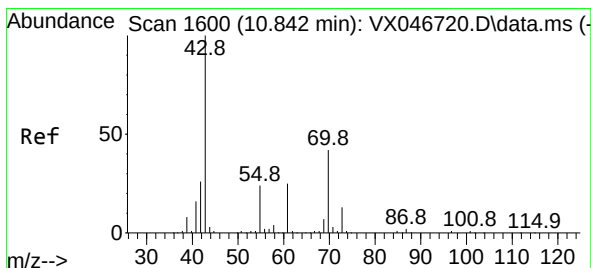
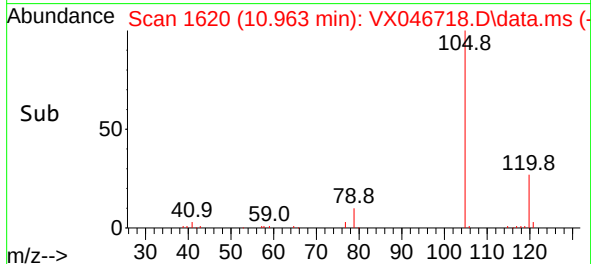
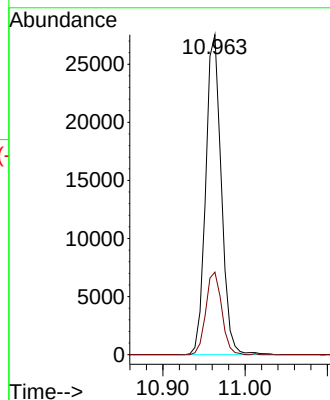
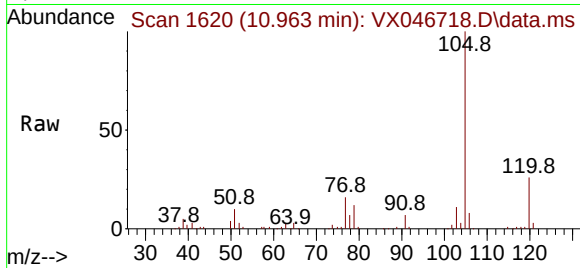




#73
Isopropylbenzene
Concen: 4.878 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

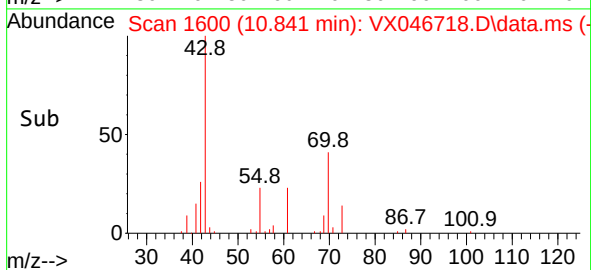
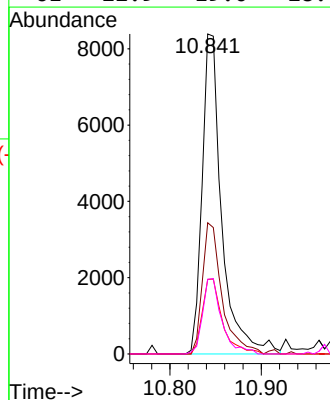
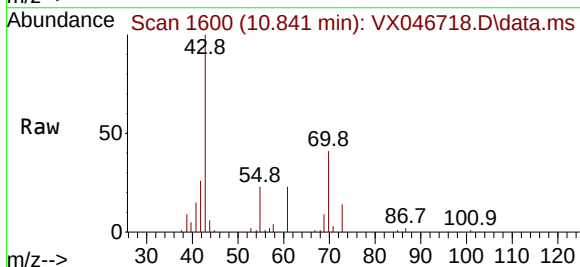
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

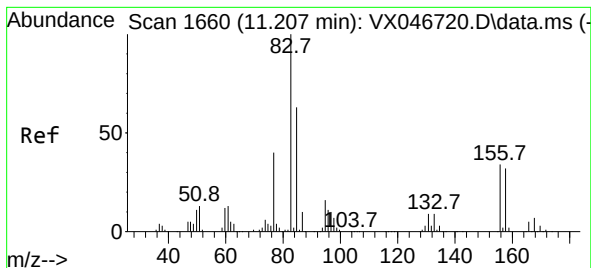
Tgt Ion:105 Resp: 36281
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 4.434 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 43 Resp: 12496
Ion Ratio Lower Upper
43 100
70 41.0 33.4 50.0
55 23.9 19.1 28.7
61 22.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 5.040 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

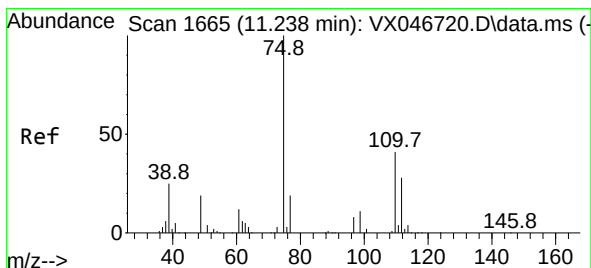
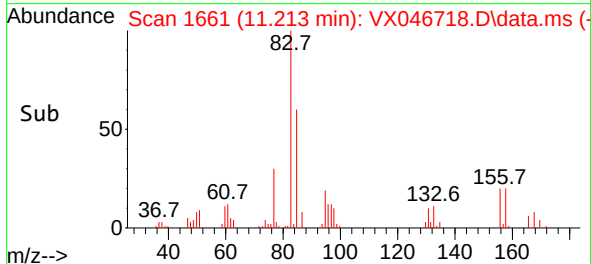
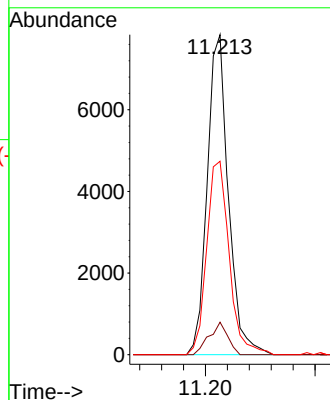
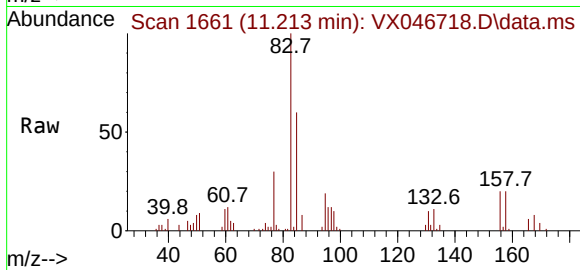
Tgt Ion: 83 Resp: 10468

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.6

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 5.236 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046718.D

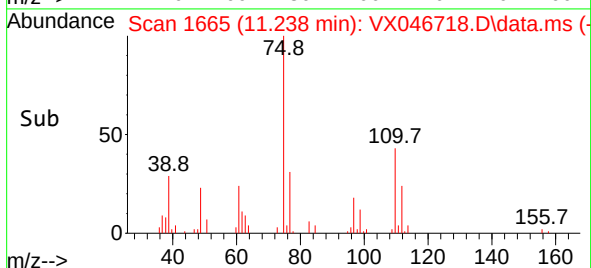
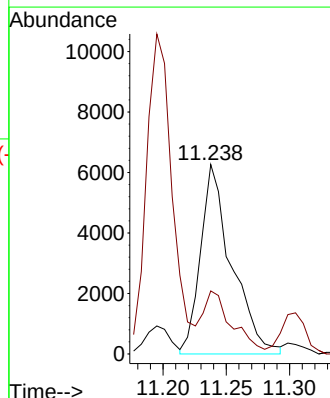
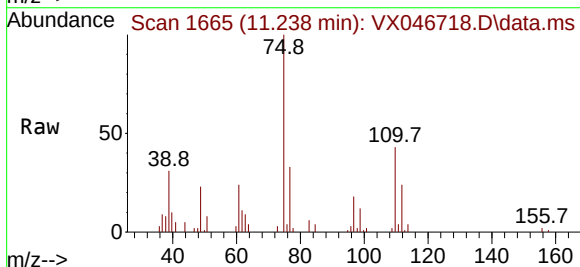
Acq: 17 Jun 2025 11:19

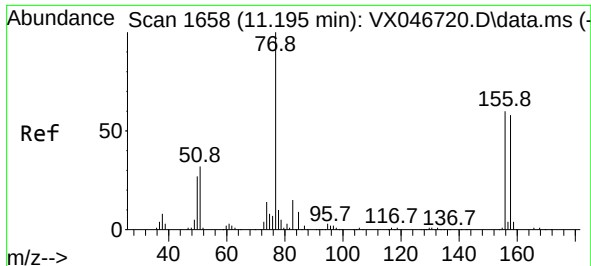
Tgt Ion: 75 Resp: 10741

Ion Ratio Lower Upper

75 100

77 30.9 18.5 55.5

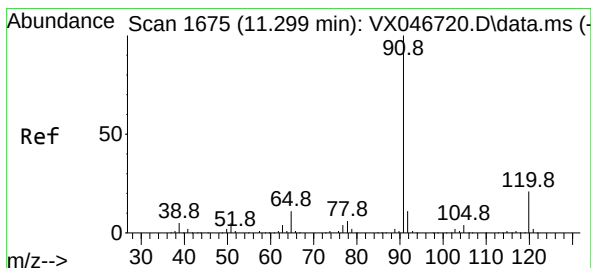
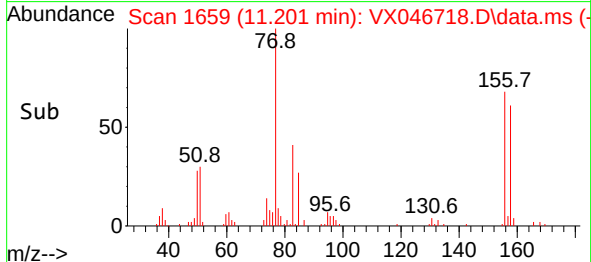
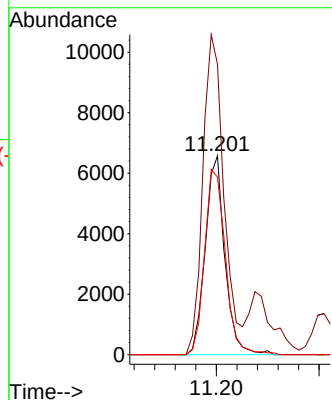
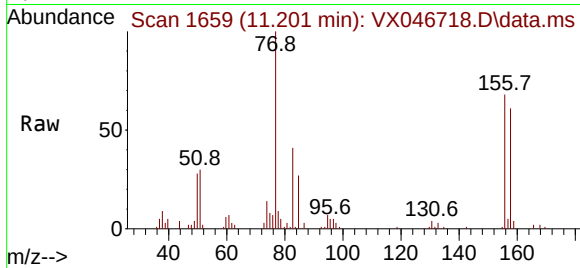




#77
Bromobenzene
Concen: 4.857 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

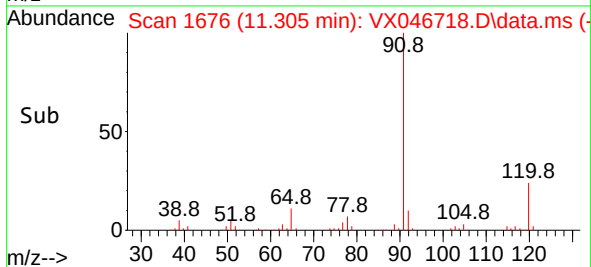
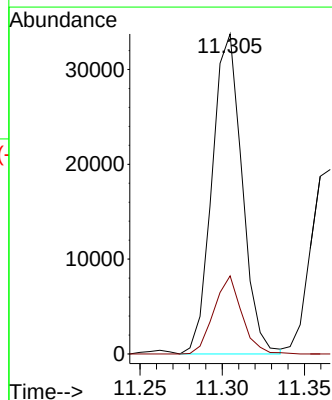
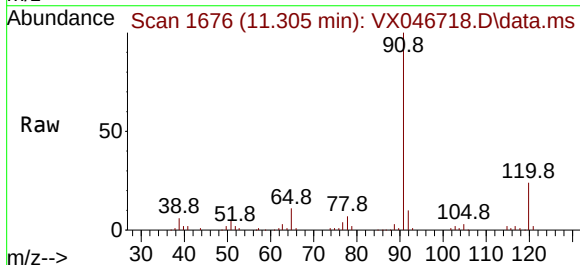
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

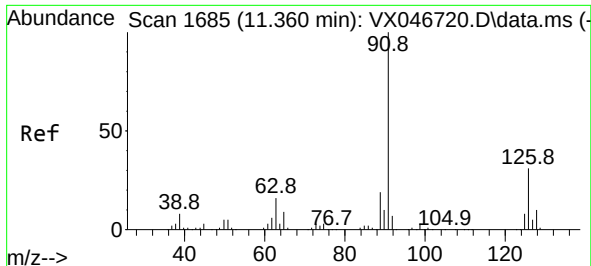
Tgt Ion:156 Resp: 8694
Ion Ratio Lower Upper
156 100
77 173.3 82.8 248.6
158 99.4 47.6 142.9



#78
n-propylbenzene
Concen: 4.850 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 42848
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1

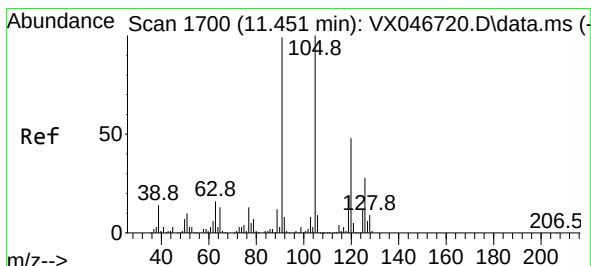
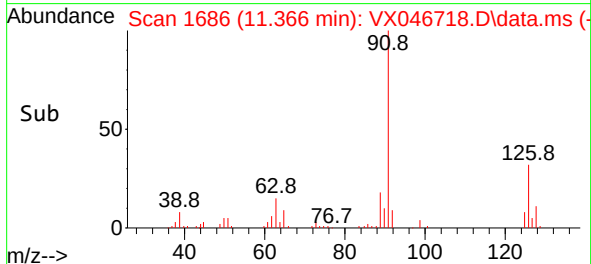
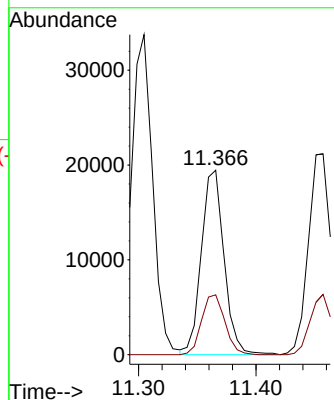
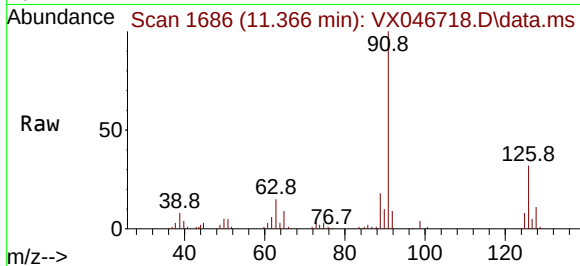




#79
2-Chlorotoluene
Concen: 4.971 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

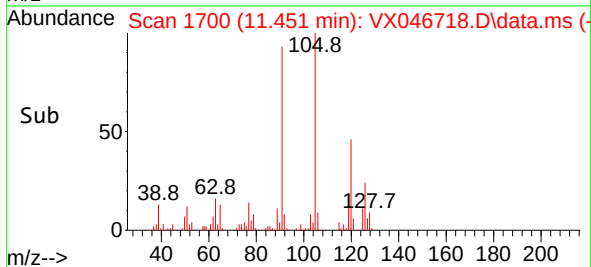
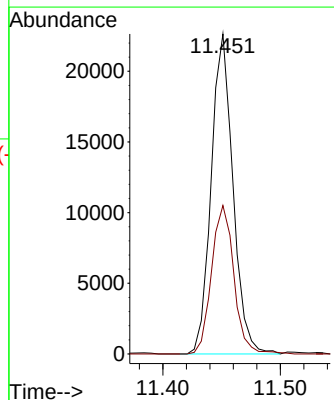
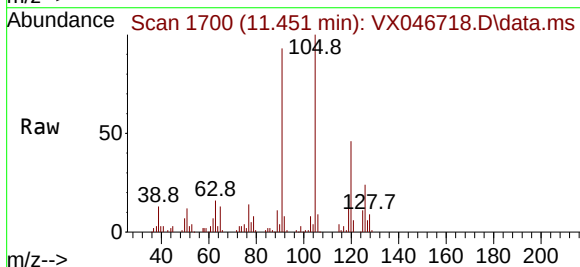
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

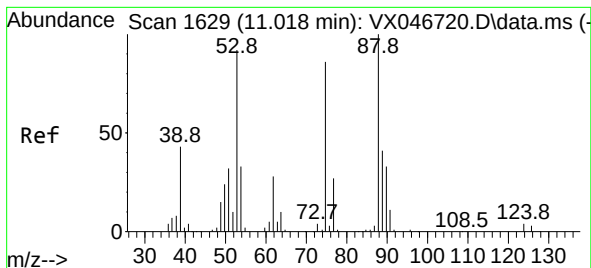
Tgt Ion: 91 Resp: 26221
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 4.772 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 105 Resp: 29167
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

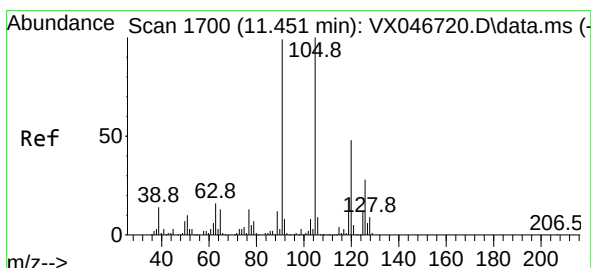
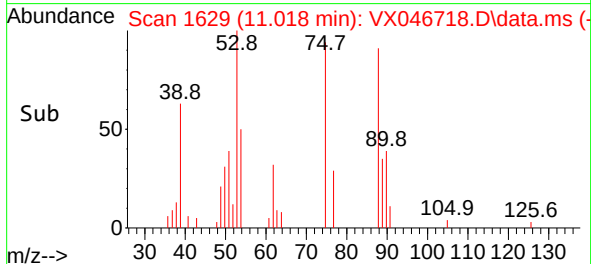
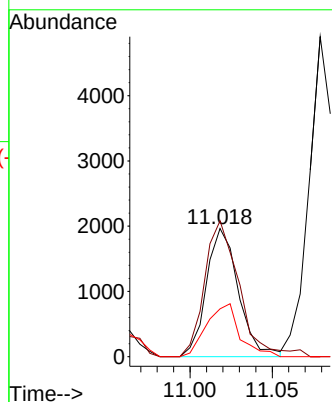
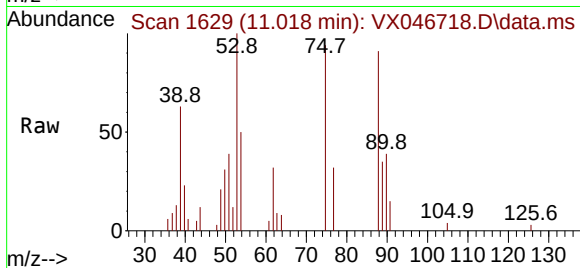




#81
trans-1,4-Dichloro-2-butene
Concen: 4.070 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

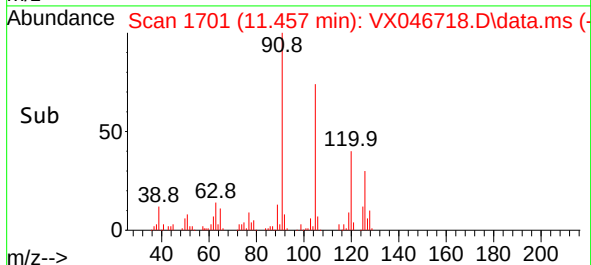
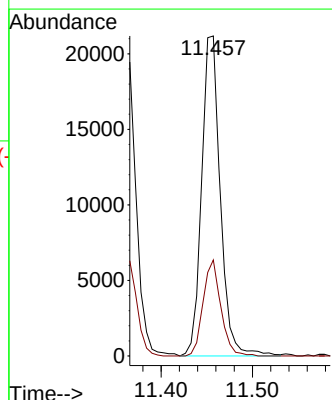
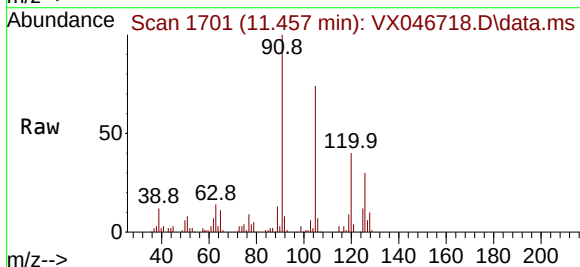
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

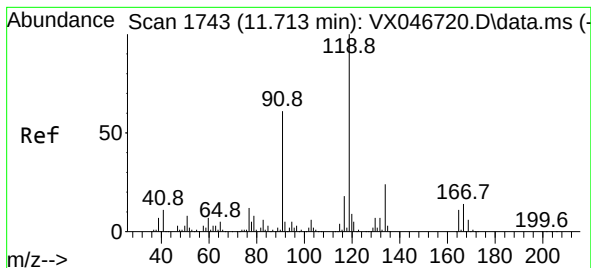
Tgt Ion: 75 Resp: 2663
Ion Ratio Lower Upper
75 100
53 114.8 86.8 130.2
89 42.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 4.889 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 91 Resp: 30097
Ion Ratio Lower Upper
91 100
126 28.4 14.4 43.2





#83

tert-Butylbenzene

Concen: 4.864 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

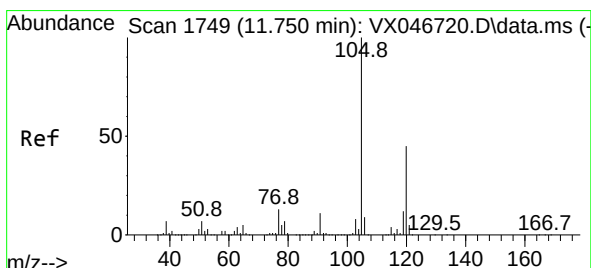
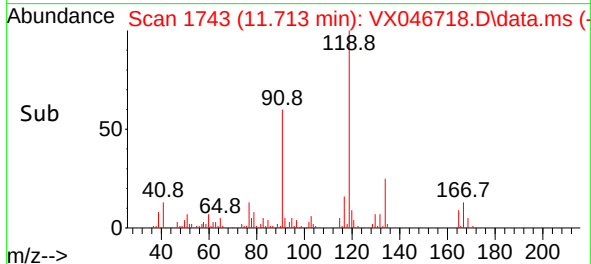
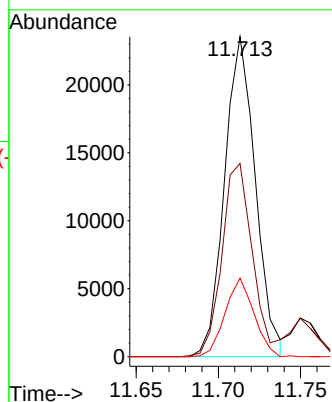
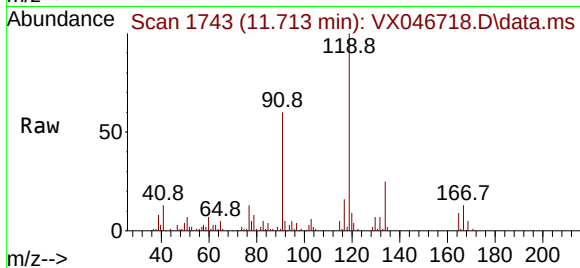
Tgt Ion:119 Resp: 30728

Ion Ratio Lower Upper

119 100

91 60.3 29.5 88.6

134 23.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 4.920 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046718.D

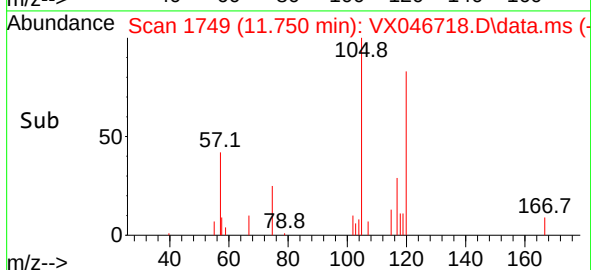
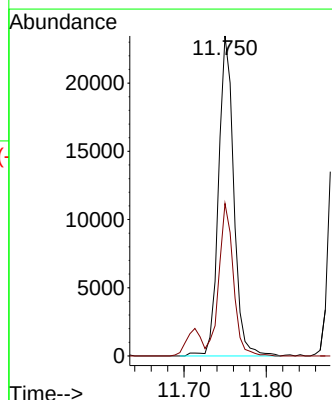
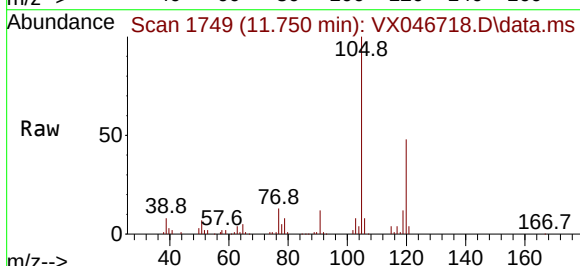
Acq: 17 Jun 2025 11:19

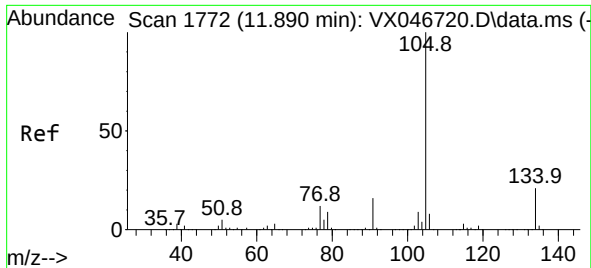
Tgt Ion:105 Resp: 30213

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3

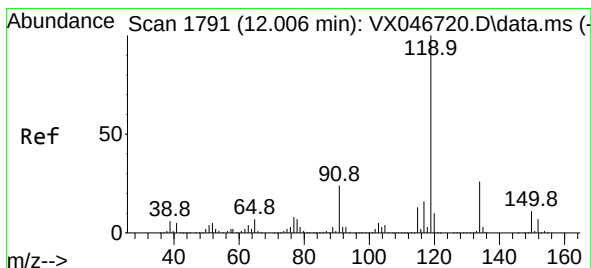
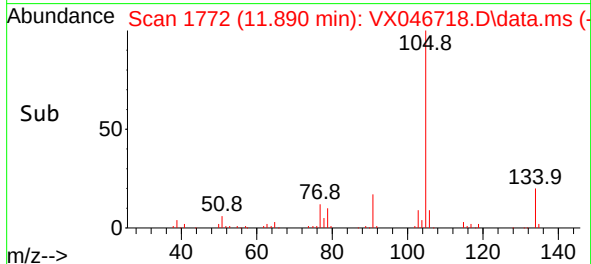
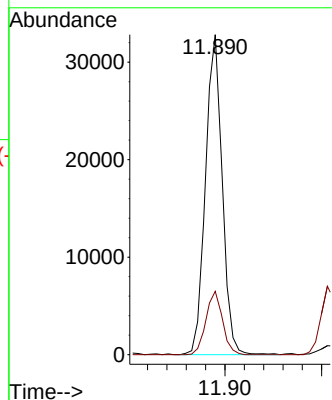
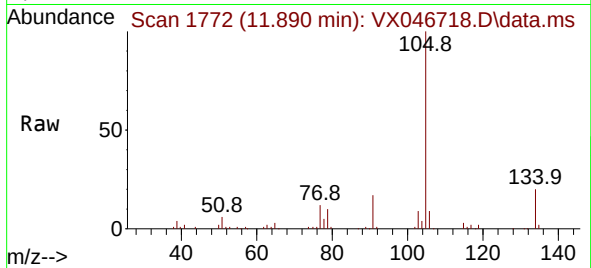




#85
 sec-Butylbenzene
 Concen: 4.958 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

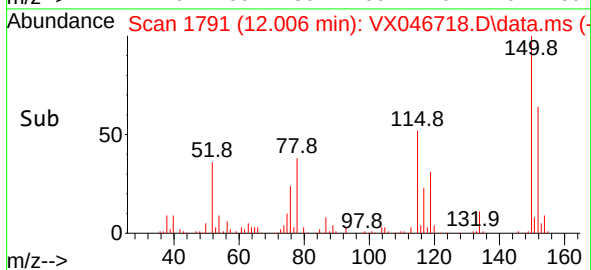
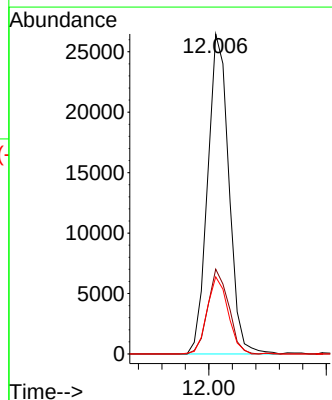
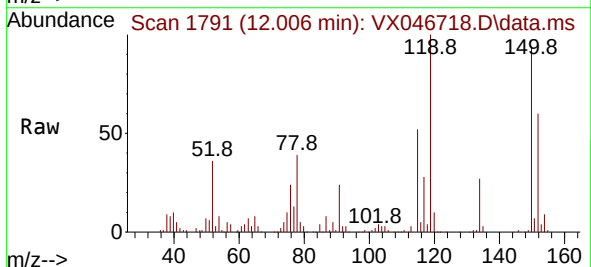
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

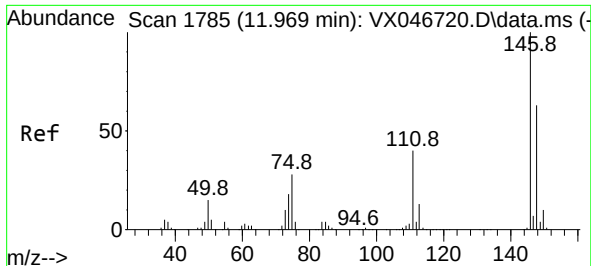
Tgt Ion:105 Resp: 39588
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.909 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046718.D
 Acq: 17 Jun 2025 11:19

Tgt Ion:119 Resp: 33076
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 23.9 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 4.928 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

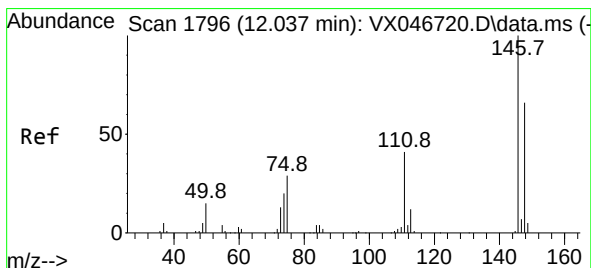
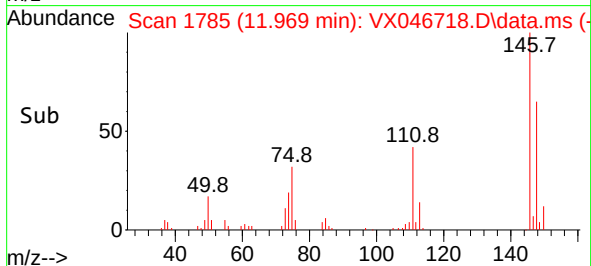
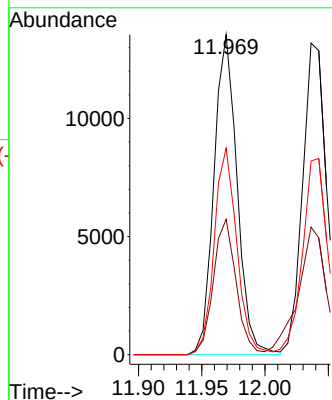
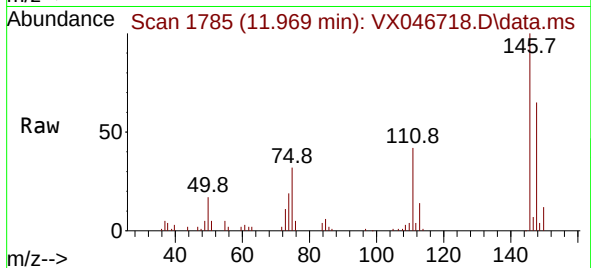
Tgt Ion:146 Resp: 17198

Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

148 63.3 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 4.910 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

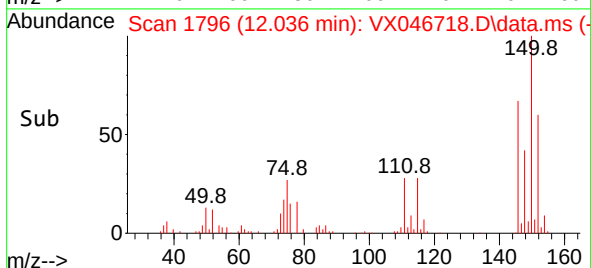
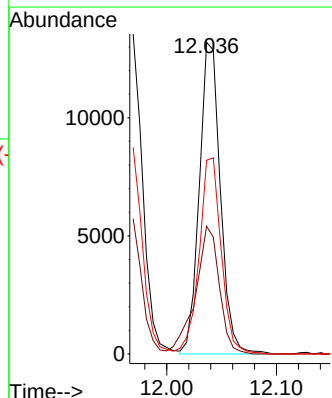
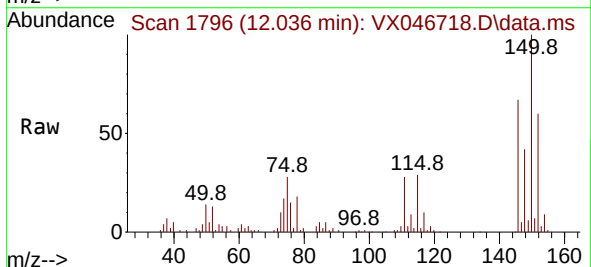
Tgt Ion:146 Resp: 17600

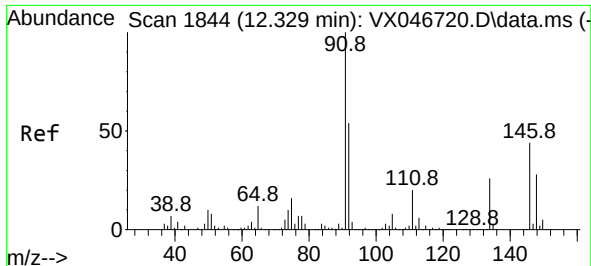
Ion Ratio Lower Upper

146 100

111 46.6 20.3 61.0

148 66.0 32.1 96.5

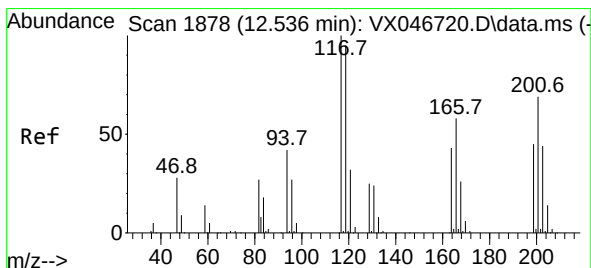
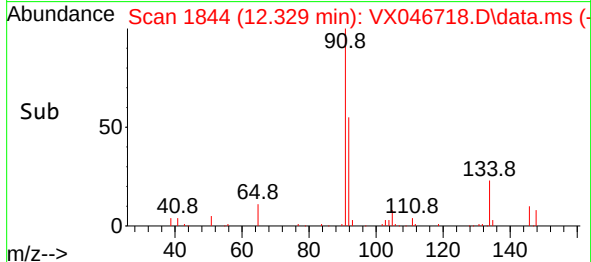
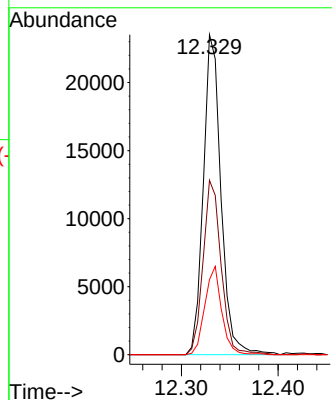
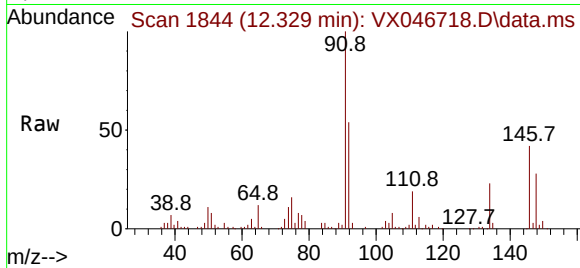




#89
n-Butylbenzene
Concen: 4.688 ug/l
RT: 12.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

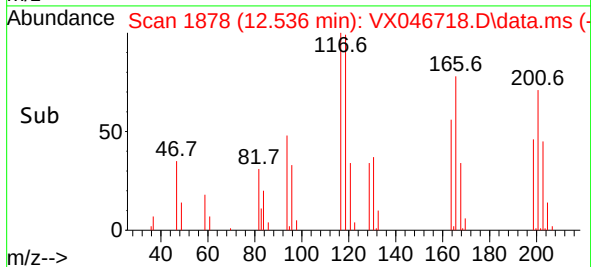
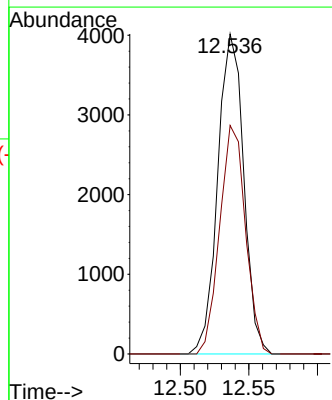
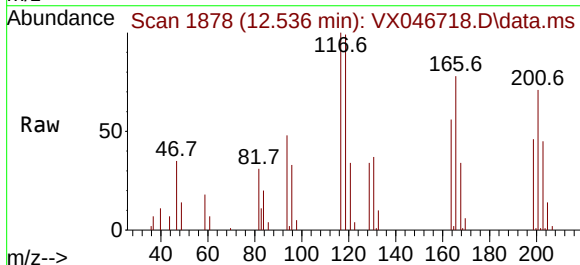
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

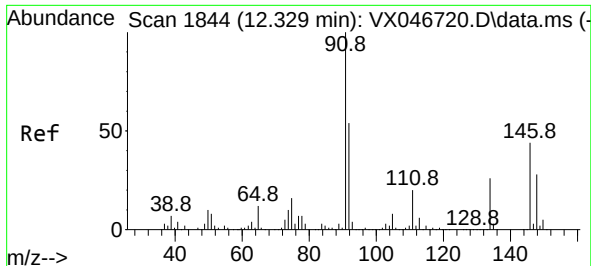
Tgt Ion: 91 Resp: 29990
Ion Ratio Lower Upper
91 100
92 55.6 27.1 81.3
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 4.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046718.D
Acq: 17 Jun 2025 11:19

Tgt Ion: 117 Resp: 5285
Ion Ratio Lower Upper
117 100
201 71.1 34.4 103.3





#91

1,2-Dichlorobenzene

Concen: 4.968 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

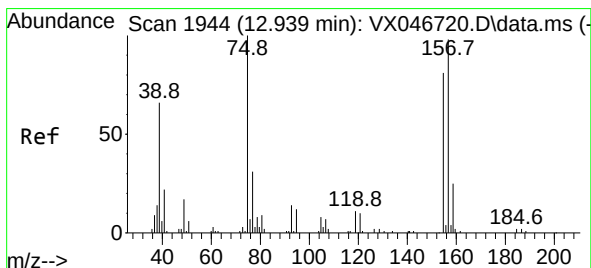
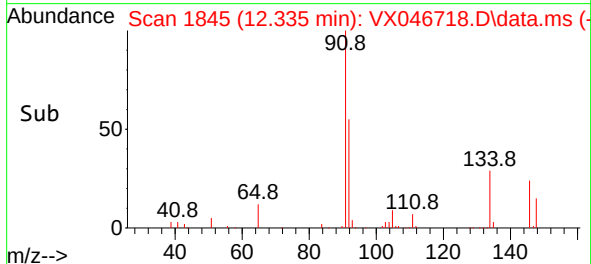
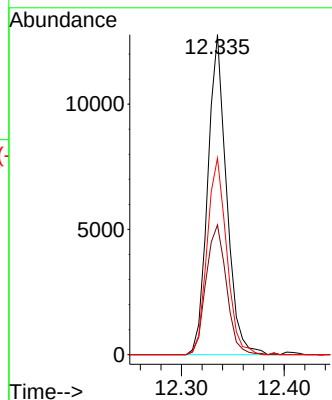
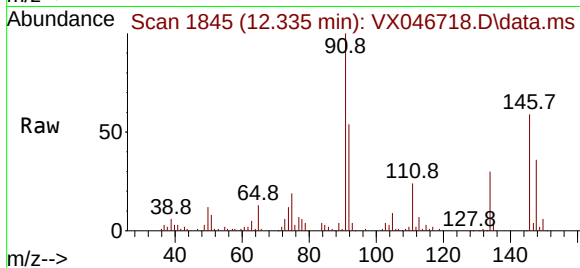
Tgt Ion:146 Resp: 16203

Ion Ratio Lower Upper

146 100

111 44.1 21.7 65.1

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.834 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

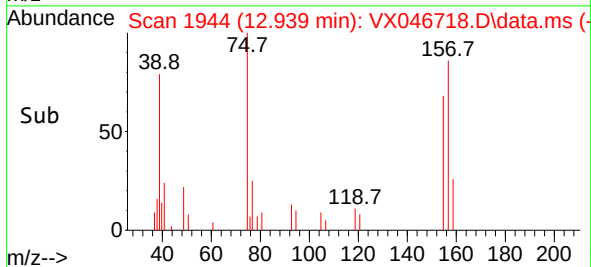
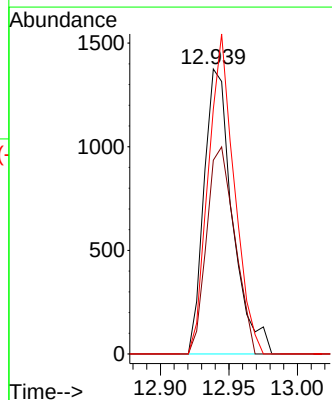
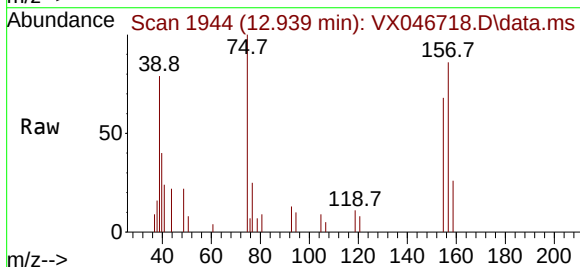
Tgt Ion: 75 Resp: 1982

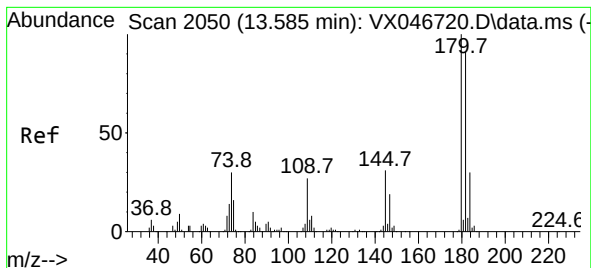
Ion Ratio Lower Upper

75 100

155 72.2 41.9 125.7

157 102.4 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 4.532 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

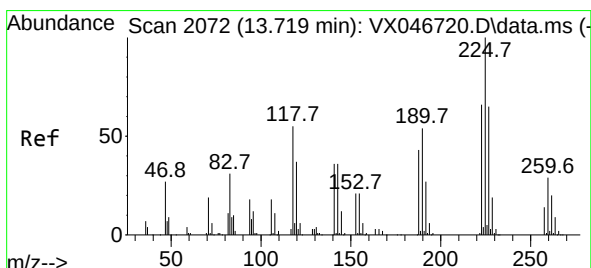
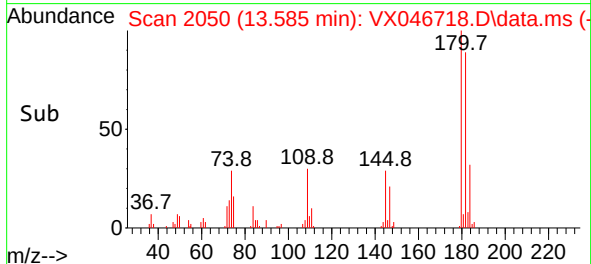
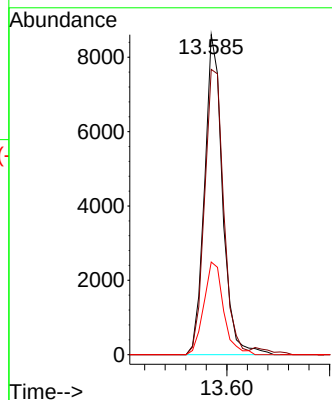
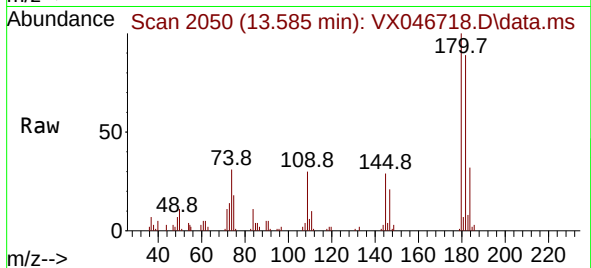
Tgt Ion:180 Resp: 10507

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 31.8 15.8 47.4



#94

Hexachlorobutadiene

Concen: 5.078 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

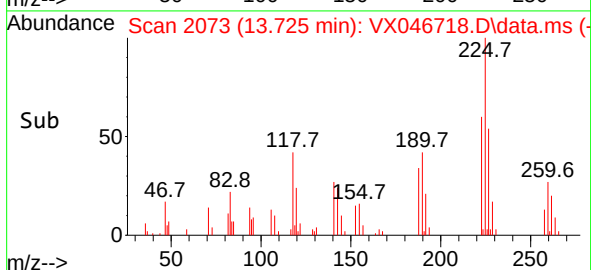
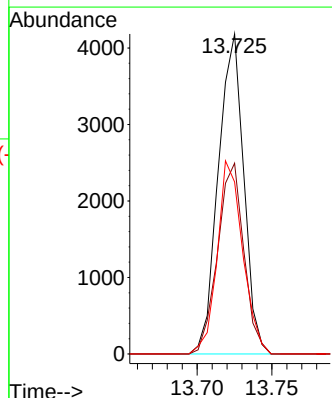
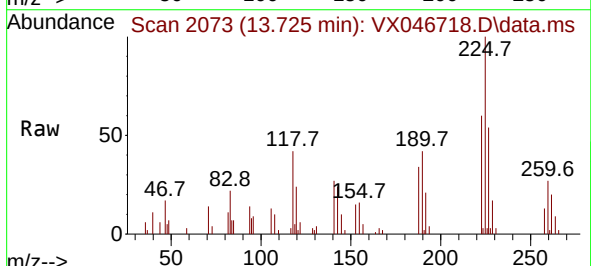
Tgt Ion:225 Resp: 4953

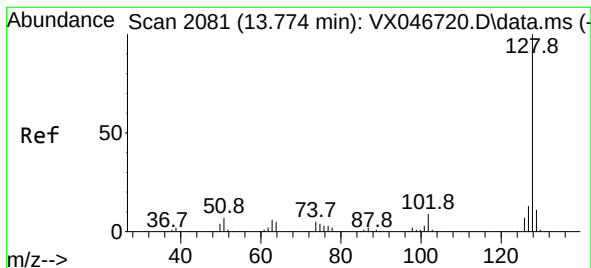
Ion Ratio Lower Upper

225 100

223 61.5 32.5 97.5

227 60.3 32.2 96.6





#95

Naphthalene

Concen: 4.414 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

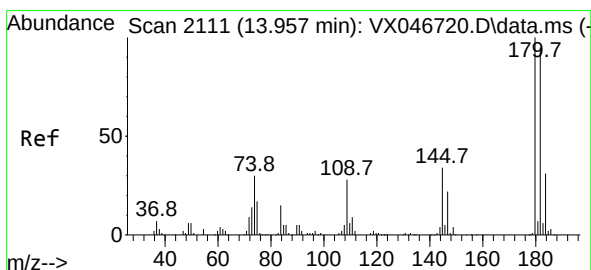
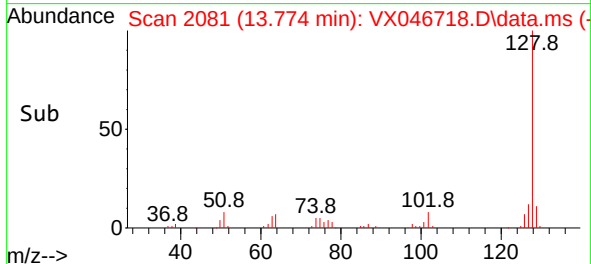
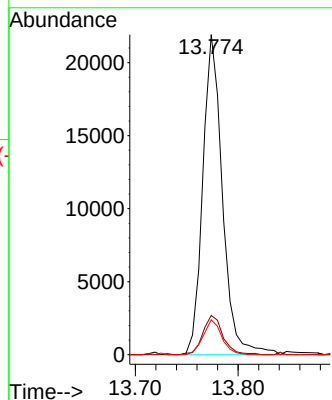
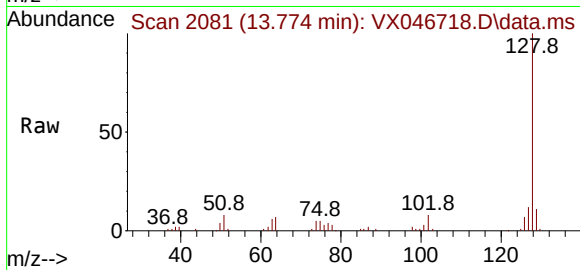
Tgt Ion:128 Resp: 29158

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.835 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046718.D

Acq: 17 Jun 2025 11:19

Tgt Ion:180 Resp: 10725

Ion Ratio Lower Upper

180 100

182 92.3 47.8 143.4

145 32.0 17.3 51.9

