

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046719.D
 Acq On : 17 Jun 2025 13:59
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 18 02:38:27 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	5.556	168	134732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226567	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	197947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	30582	16.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	32.820%#
35) Dibromofluoromethane	5.385	113	24156	16.114	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	32.220%#
50) Toluene-d8	8.647	98	88197	16.376	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	32.760%#
62) 4-Bromofluorobenzene	11.079	95	32067	15.973	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	31.940%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	27297	18.977	ug/l	97
3) Chloromethane	1.307	50	30731	19.793	ug/l	98
4) Vinyl Chloride	1.386	62	34049	20.565	ug/l	96
5) Bromomethane	1.618	94	19805	21.261	ug/l	91
6) Chloroethane	1.697	64	20911	20.838	ug/l	97
7) Trichlorofluoromethane	1.904	101	52480	20.875	ug/l	99
8) Diethyl Ether	2.142	74	18139	21.024	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	32778	21.253	ug/l	98
10) Methyl Iodide	2.465	142	30525	18.775	ug/l	99
11) Tert butyl alcohol	2.953	59	16360	97.808	ug/l	96
12) 1,1-Dichloroethene	2.331	96	30924	20.780	ug/l	92
13) Acrolein	2.246	56	20036	82.237	ug/l	98
14) Allyl chloride	2.672	41	56147	20.823	ug/l	99
15) Acrylonitrile	3.069	53	77278	102.746	ug/l	99
16) Acetone	2.386	43	59747	96.140	ug/l	97
17) Carbon Disulfide	2.526	76	88625	19.721	ug/l	99
18) Methyl Acetate	2.709	43	31812	20.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	97187	20.974	ug/l	95
20) Methylene Chloride	2.800	84	35302	20.426	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	33796	21.224	ug/l	95
22) Diisopropyl ether	3.764	45	111712	21.555	ug/l	95
23) Vinyl Acetate	3.727	43	433313	105.140	ug/l	100
24) 1,1-Dichloroethane	3.617	63	62164	21.126	ug/l	98
25) 2-Butanone	4.556	43	87671	99.748	ug/l	99
26) 2,2-Dichloropropane	4.483	77	42992	20.032	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	39374	21.047	ug/l	99
28) Bromochloromethane	4.904	49	24738	18.544	ug/l	100
29) Tetrahydrofuran	5.007	42	56765	99.990	ug/l	98
30) Chloroform	5.093	83	64109	21.785	ug/l	100
31) Cyclohexane	5.477	56	58552	20.982	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	54542	21.133	ug/l	99
36) 1,1-Dichloropropene	5.696	75	44023	20.344	ug/l	99
37) Ethyl Acetate	4.715	43	39916	19.984	ug/l	99
38) Carbon Tetrachloride	5.684	117	48694	20.735	ug/l	97
39) Methylcyclohexane	7.379	83	58170	20.428	ug/l	97
40) Benzene	6.038	78	133872	20.904	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21970	20.632	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47430	21.076	ug/l	99
43) Isopropyl Acetate	6.342	43	62432	19.975	ug/l	100
44) Trichloroethene	7.129	130	33927	20.788	ug/l	100
45) 1,2-Dichloropropane	7.428	63	33688	21.226	ug/l	94
46) Dibromomethane	7.580	93	23569	20.663	ug/l	99
47) Bromodichloromethane	7.818	83	49411	21.227	ug/l	98
48) Methyl methacrylate	7.690	41	31856	20.322	ug/l	98
49) 1,4-Dioxane	7.659	88	8340	382.035	ug/l	93
51) 4-Methyl-2-Pentanone	8.568	43	187509	100.586	ug/l	99
52) Toluene	8.714	92	84030	21.166	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	43852	20.304	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	50326	20.526	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	30865	20.862	ug/l	94
56) Ethyl methacrylate	9.116	69	44702	20.468	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52181	20.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	106505	93.878	ug/l	99
59) 2-Hexanone	9.427	43	129218	100.265	ug/l	99
60) Dibromochloromethane	9.519	129	36392	20.872	ug/l	99
61) 1,2-Dibromoethane	9.604	107	31507	20.936	ug/l	100
64) Tetrachloroethene	9.269	164	27988	20.408	ug/l	97
65) Chlorobenzene	10.073	112	90868	20.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	31508	21.455	ug/l	100
67) Ethyl Benzene	10.189	91	160761	21.056	ug/l	99
68) m/p-Xylenes	10.299	106	121014	42.539	ug/l	99
69) o-Xylene	10.640	106	57689	21.638	ug/l	100
70) Styrene	10.653	104	99462	21.318	ug/l	99
71) Bromoform	10.799	173	23372	20.898	ug/l #	100
73) Isopropylbenzene	10.957	105	153861	21.255	ug/l	99
74) N-amyl acetate	10.842	43	57185	20.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	42272	20.914	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	44152	22.117	ug/l	93
77) Bromobenzene	11.195	156	37464	21.507	ug/l	99
78) n-propylbenzene	11.299	91	184078	21.410	ug/l	100
79) 2-Chlorotoluene	11.360	91	107552	20.952	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	129635	21.793	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11694	18.362	ug/l	98
82) 4-Chlorotoluene	11.451	91	127954	21.358	ug/l	100
83) tert-Butylbenzene	11.713	119	130359	21.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	128566	21.512	ug/l	99
85) sec-Butylbenzene	11.890	105	165047	21.239	ug/l	99
86) p-Isopropyltoluene	12.006	119	138623	21.142	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	70243	20.681	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	71953	20.625	ug/l	99
89) n-Butylbenzene	12.329	91	129101	20.738	ug/l	100
90) Hexachloroethane	12.536	117	23645	20.594	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	66883	21.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8071	20.226	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	44726	19.821	ug/l	97
94) Hexachlorobutadiene	13.725	225	19698	20.752	ug/l	99
95) Naphthalene	13.774	128	129768	20.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	44380	20.558	ug/l	100

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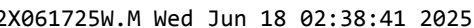
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

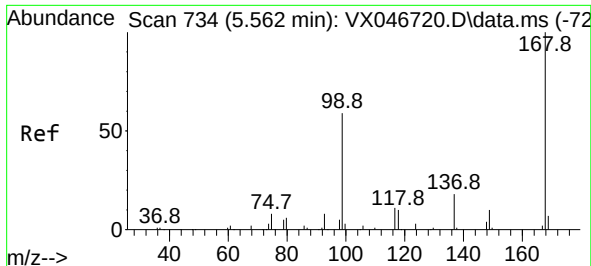
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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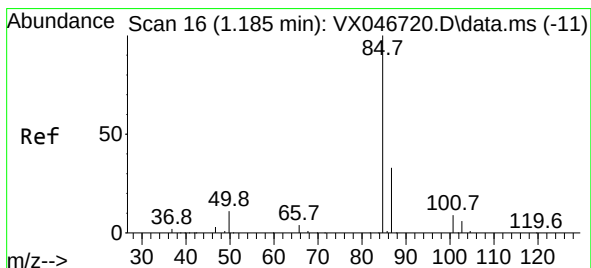
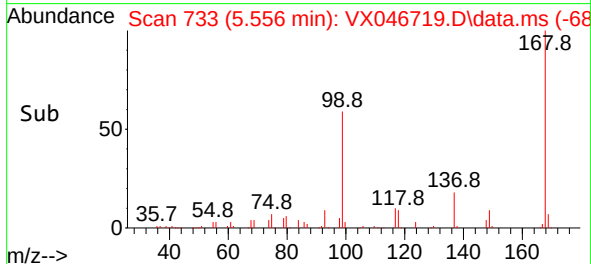
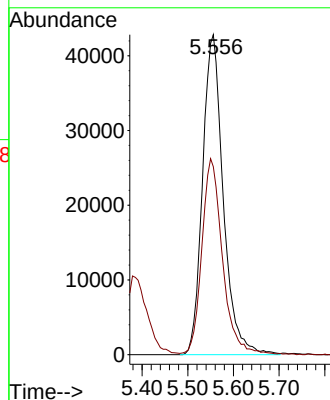
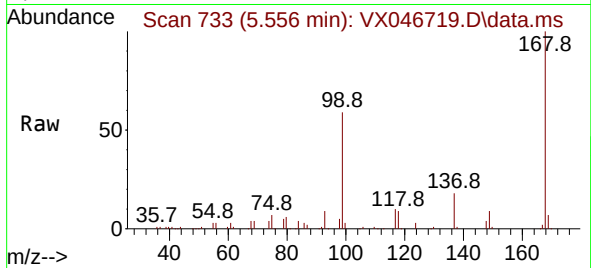




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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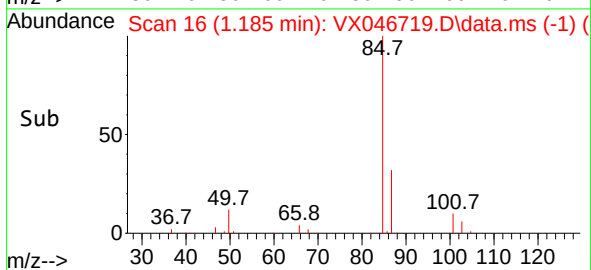
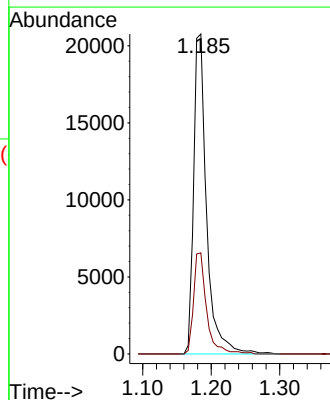
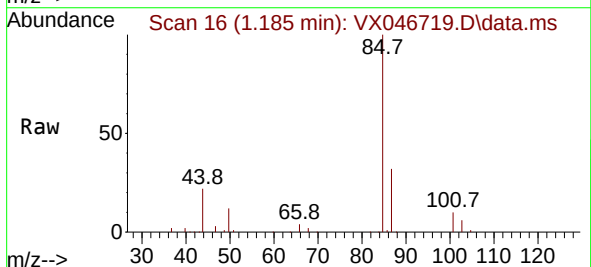
Instrument :
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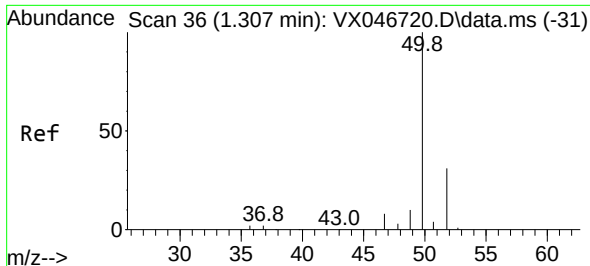
Tgt Ion:168 Resp: 134732
Ion Ratio Lower Upper
168 100
99 58.4 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 18.977 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 85 Resp: 27297
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

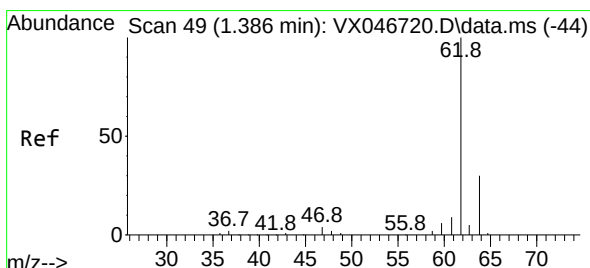
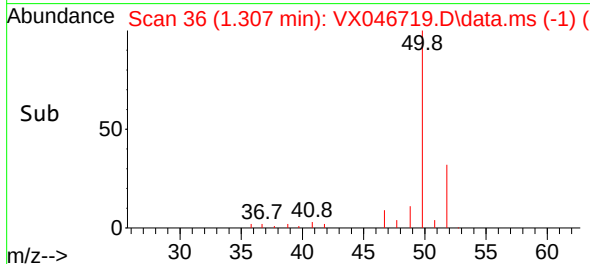
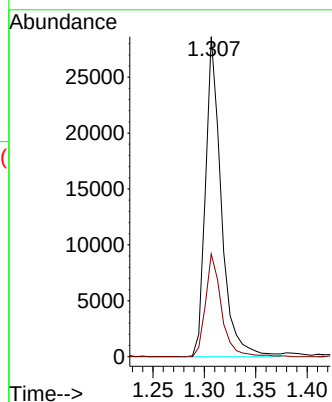
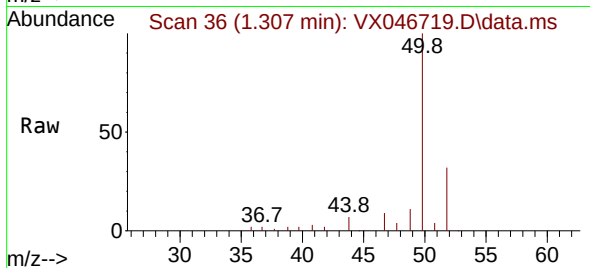




#3
Chloromethane
Concen: 19.793 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046719.D
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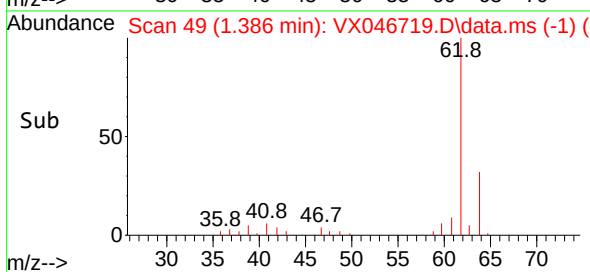
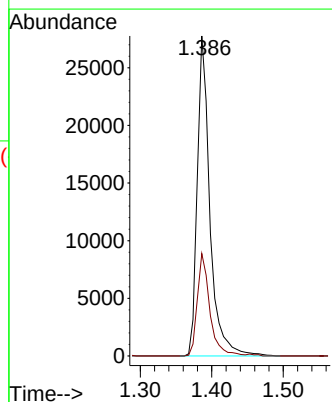
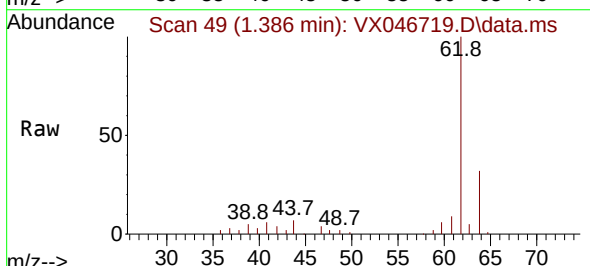
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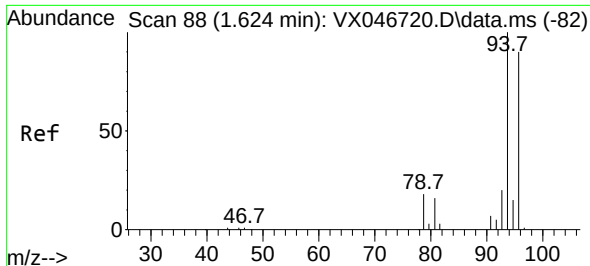
Tgt Ion: 50 Resp: 30731
Ion Ratio Lower Upper
50 100
52 32.1 24.9 37.3



#4
Vinyl Chloride
Concen: 20.565 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046719.D
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Tgt Ion: 62 Resp: 34049
Ion Ratio Lower Upper
62 100
64 32.0 23.9 35.9

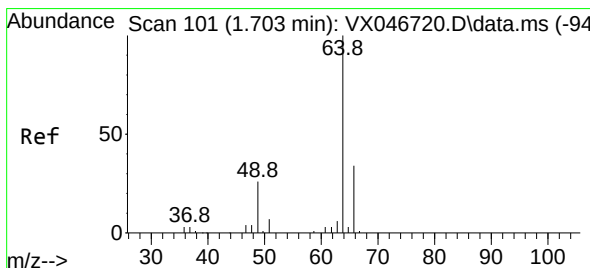
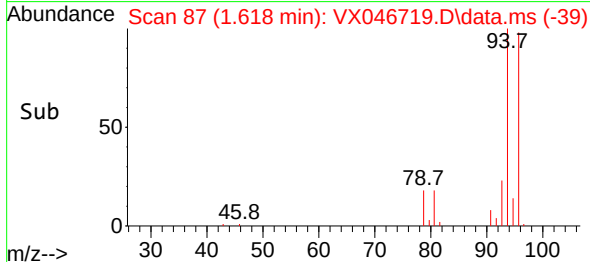
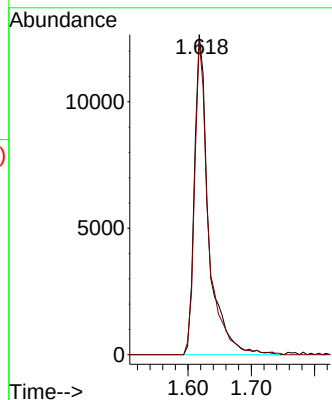
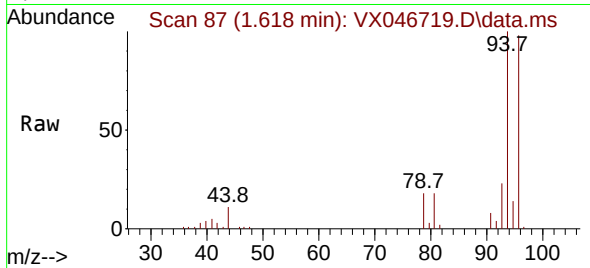




#5
Bromomethane
Concen: 21.261 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

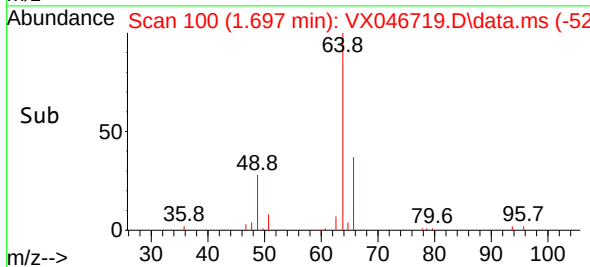
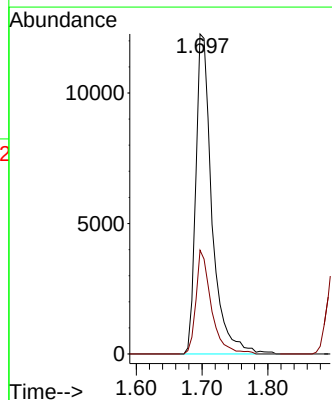
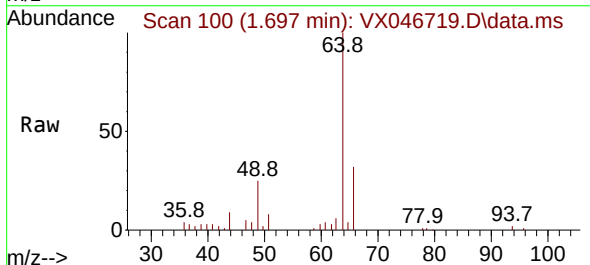
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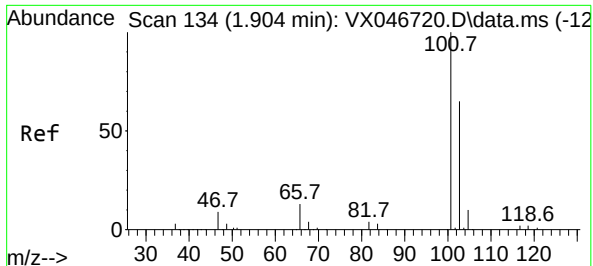
Tgt Ion: 94 Resp: 19805
Ion Ratio Lower Upper
94 100
96 99.2 72.3 108.5



#6
Chloroethane
Concen: 20.838 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046719.D
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Tgt Ion: 64 Resp: 20911
Ion Ratio Lower Upper
64 100
66 32.4 27.1 40.7

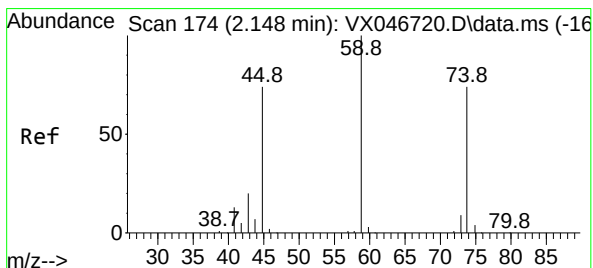
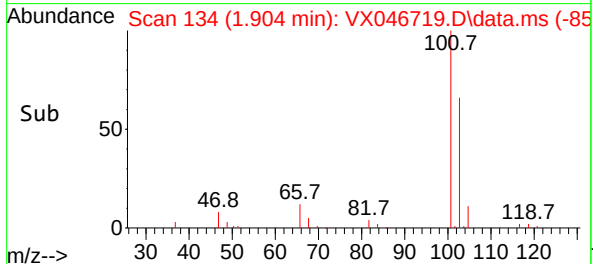
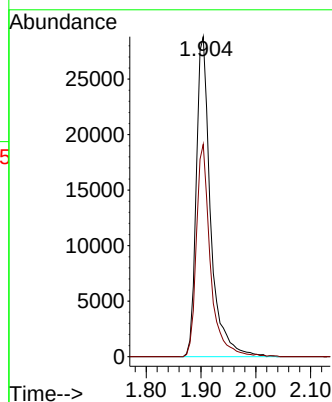
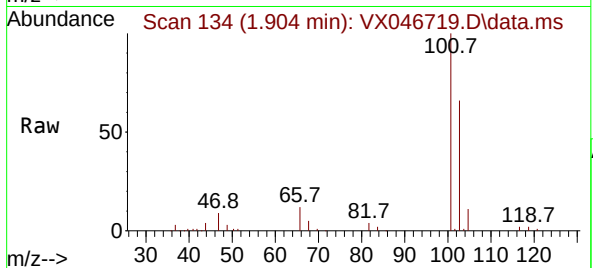




#7
Trichlorofluoromethane
Concen: 20.875 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046719.D
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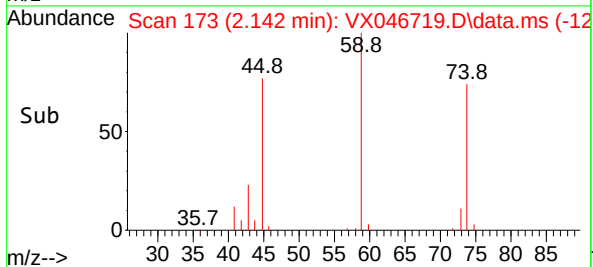
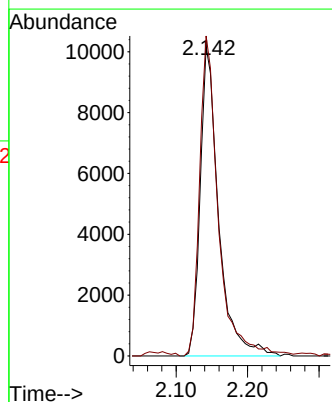
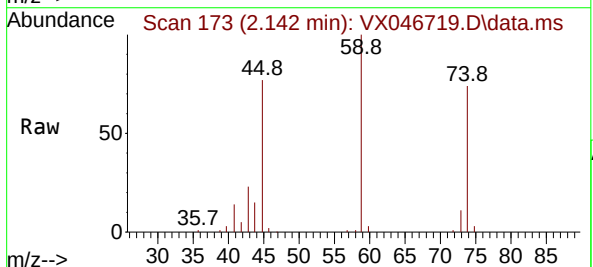
Instrument :
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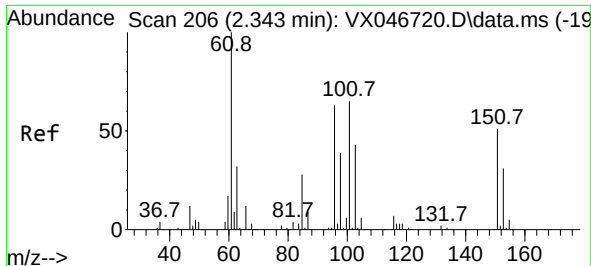
Tgt Ion:101 Resp: 52480
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8



#8
Diethyl Ether
Concen: 21.024 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
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Acq: 17 Jun 2025 13:59

Tgt Ion: 74 Resp: 18139
Ion Ratio Lower Upper
74 100
45 104.8 52.3 157.1

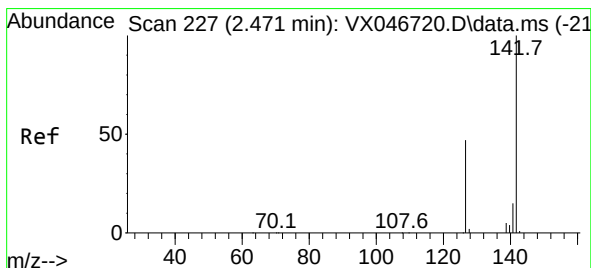
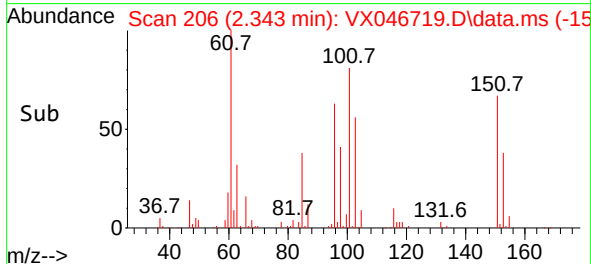
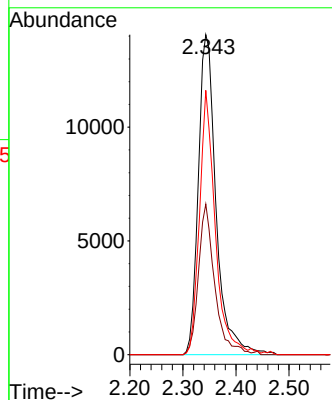
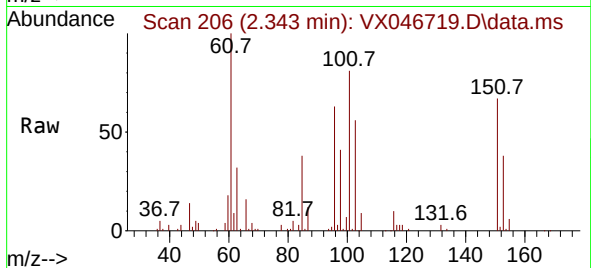




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.253 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

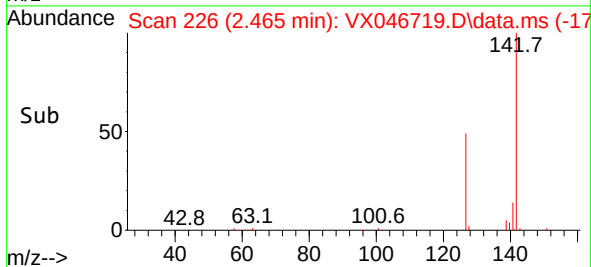
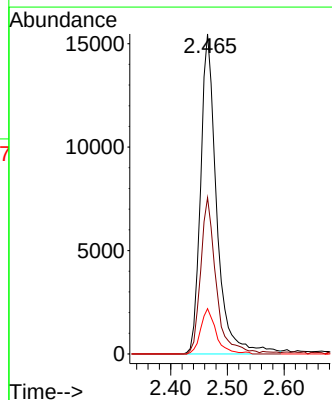
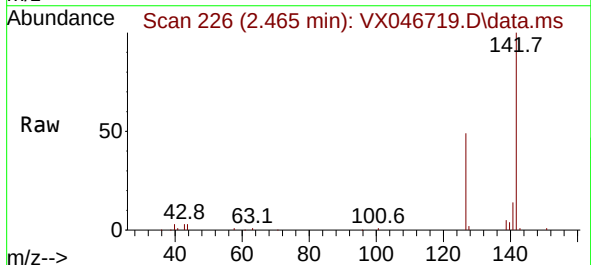
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

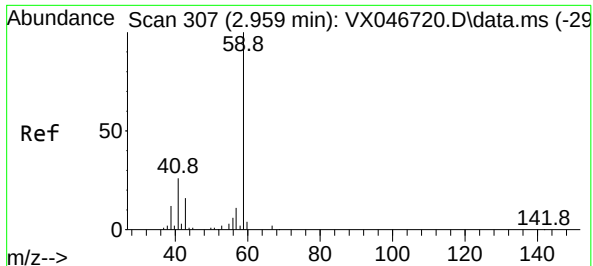
Tgt Ion:101 Resp: 32778
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.0
151 74.1 61.2 91.8



#10
Methyl Iodide
Concen: 18.775 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:142 Resp: 30525
Ion Ratio Lower Upper
142 100
127 46.7 37.0 55.6
141 13.7 11.5 17.3

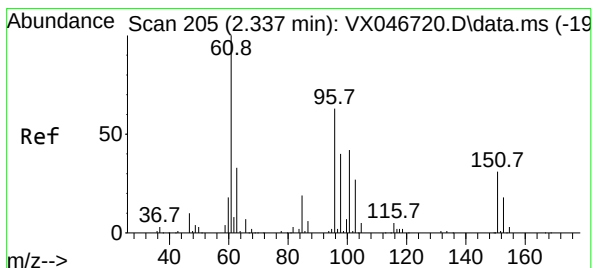
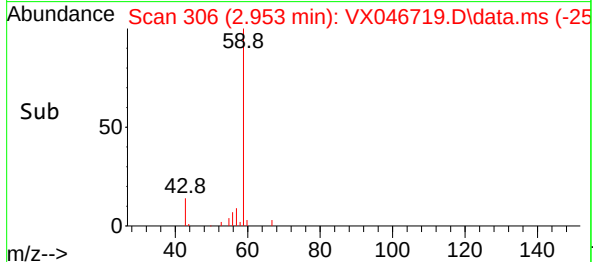
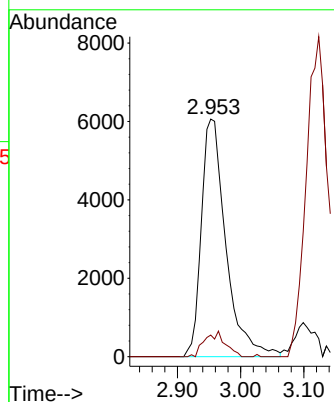
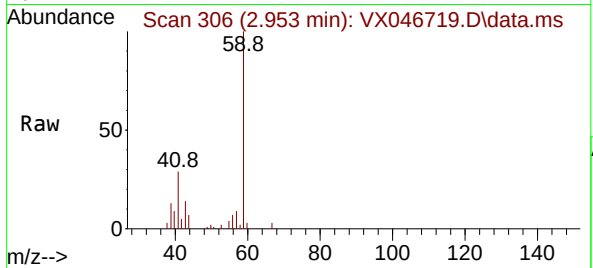




#11
Tert butyl alcohol
Concen: 97.808 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

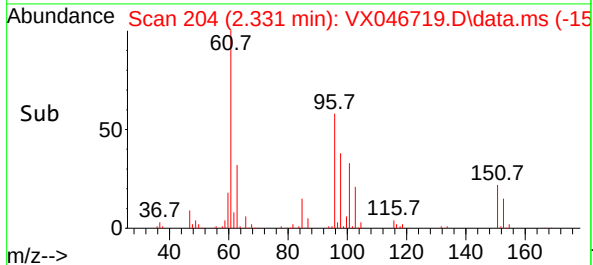
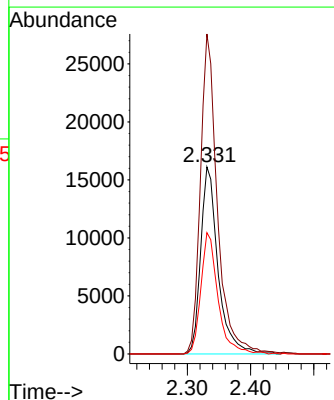
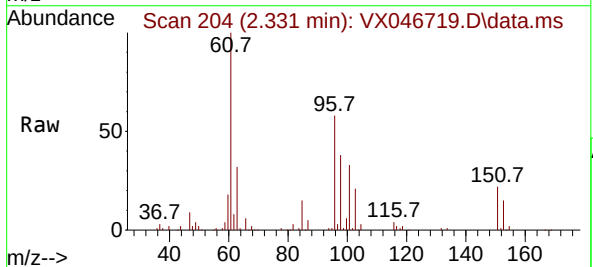
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

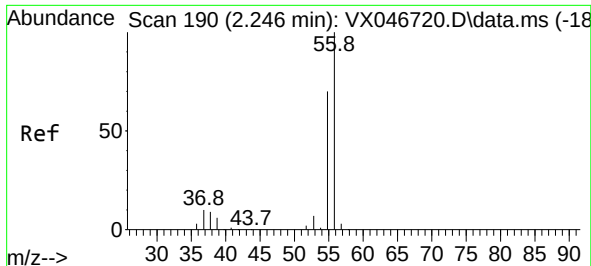
Tgt Ion: 59 Resp: 16360
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.780 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 96 Resp: 30924
Ion Ratio Lower Upper
96 100
61 171.1 126.6 189.8
98 64.9 50.7 76.1





#13

Acrolein

Concen: 82.237 ug/l

RT: 2.246 min Scan# 190

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

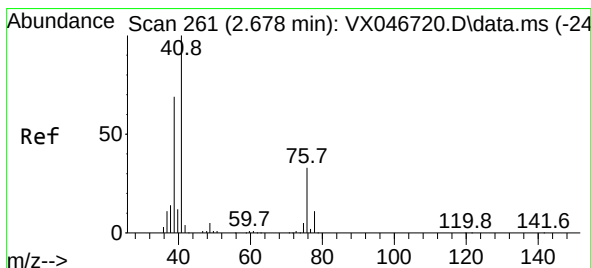
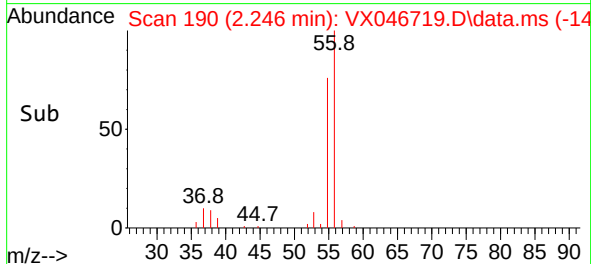
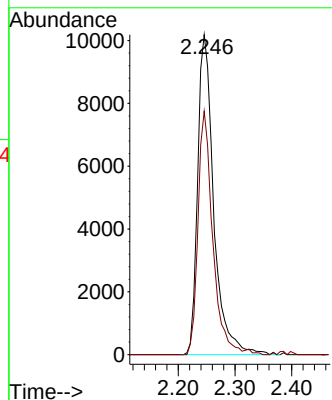
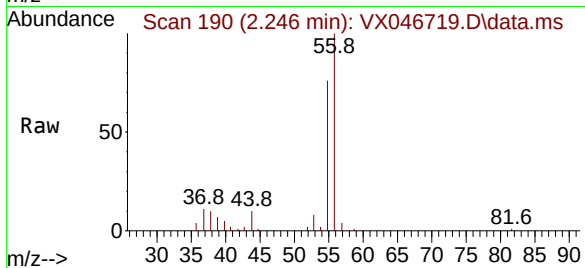
VSTDICC020

Tgt Ion: 56 Resp: 20036

Ion Ratio Lower Upper

56 100

55 70.4 55.2 82.8



#14

Allyl chloride

Concen: 20.823 ug/l

RT: 2.672 min Scan# 260

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

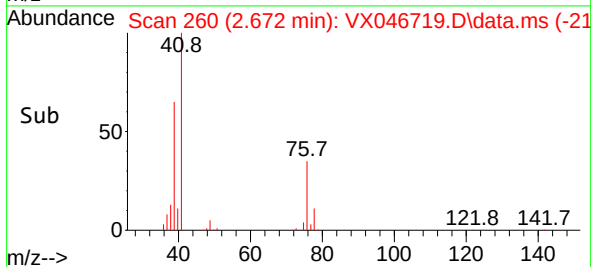
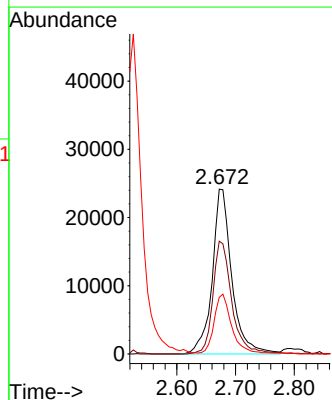
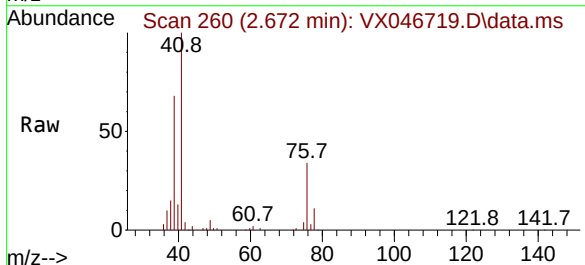
Tgt Ion: 41 Resp: 56147

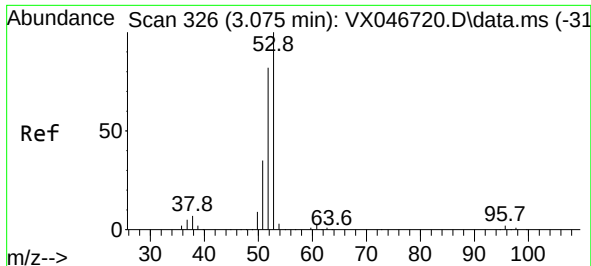
Ion Ratio Lower Upper

41 100

39 66.0 53.6 80.4

76 33.0 26.8 40.2





#15

Acrylonitrile

Concen: 102.746 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

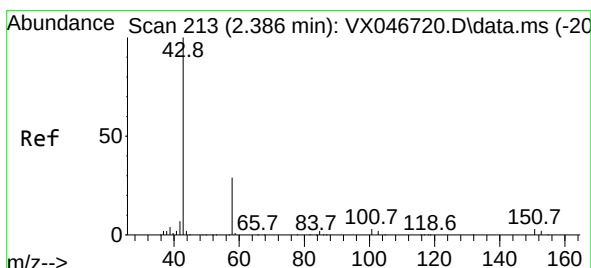
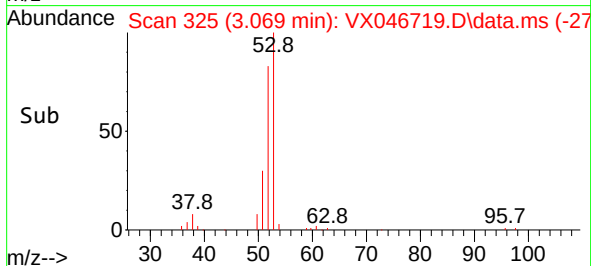
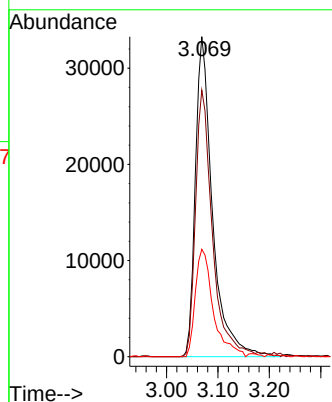
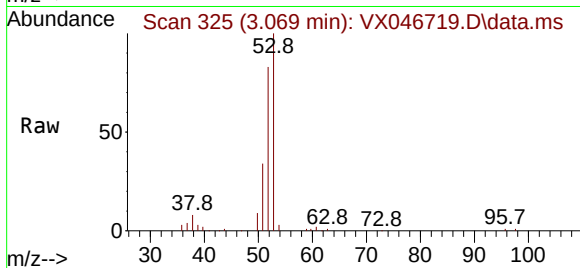
Tgt Ion: 53 Resp: 77278

Ion Ratio Lower Upper

53 100

52 82.5 65.1 97.7

51 35.1 28.9 43.3



#16

Acetone

Concen: 96.140 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX046719.D

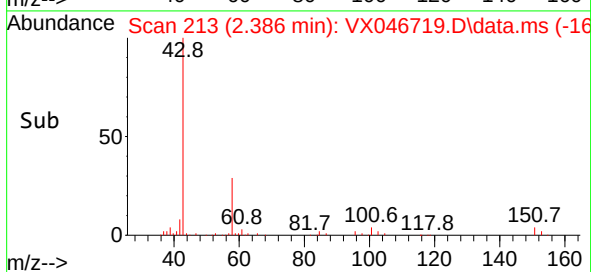
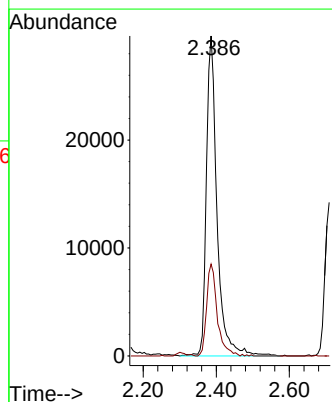
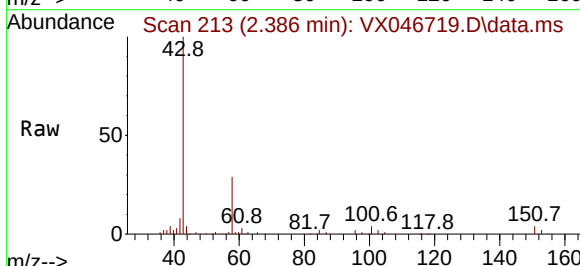
Acq: 17 Jun 2025 13:59

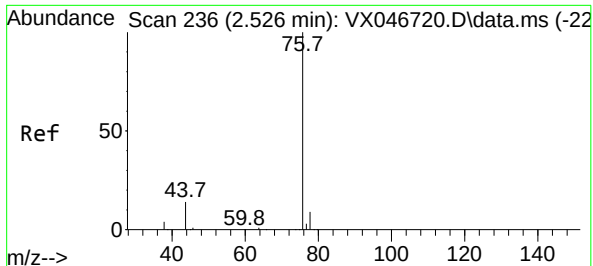
Tgt Ion: 43 Resp: 59747

Ion Ratio Lower Upper

43 100

58 28.7 24.5 36.7

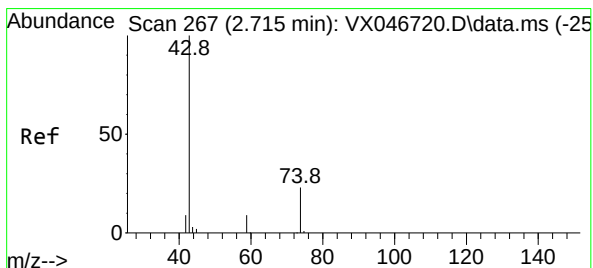
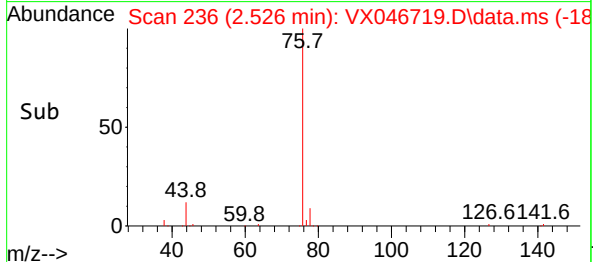
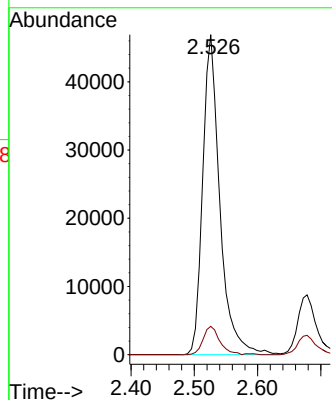
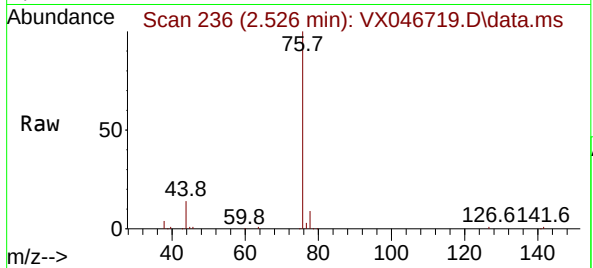




#17
Carbon Disulfide
Concen: 19.721 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

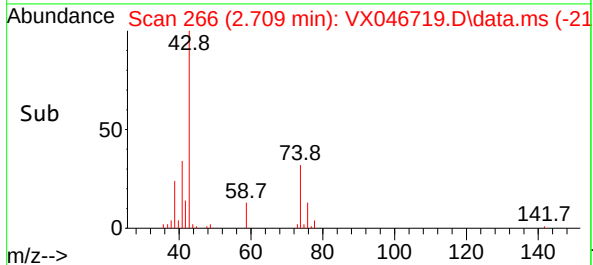
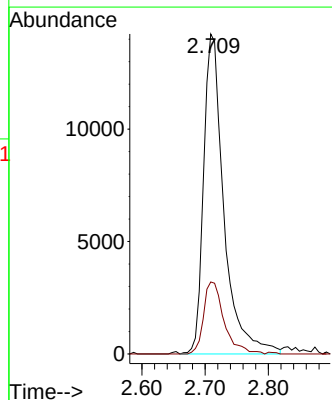
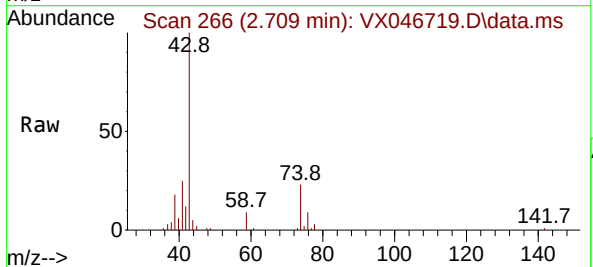
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

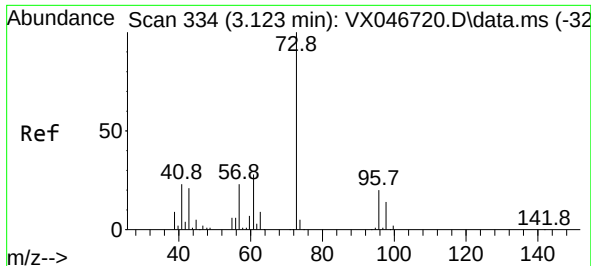
Tgt Ion: 76 Resp: 88625
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 20.154 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 31812
Ion Ratio Lower Upper
43 100
74 22.7 18.4 27.6

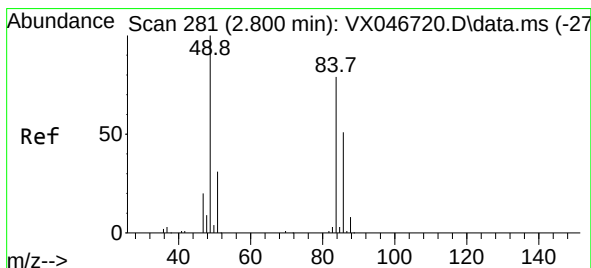
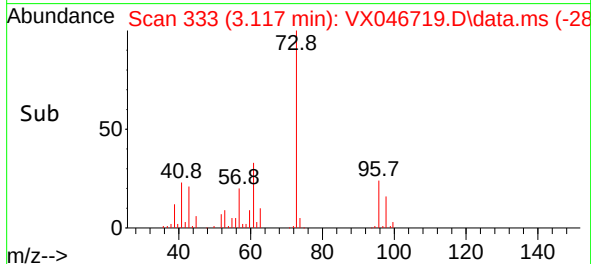
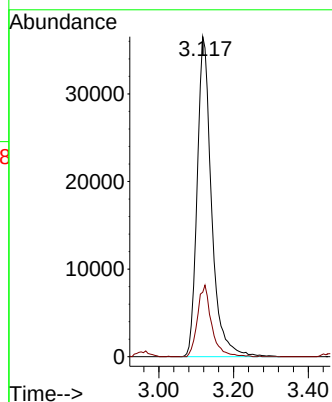
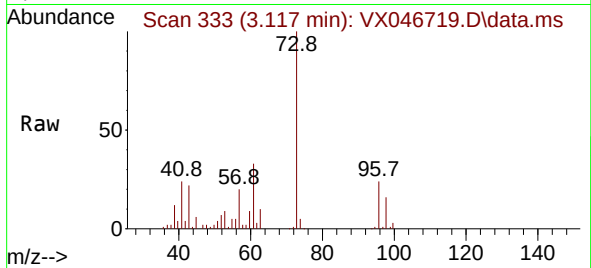




#19
Methyl tert-butyl Ether
Concen: 20.974 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

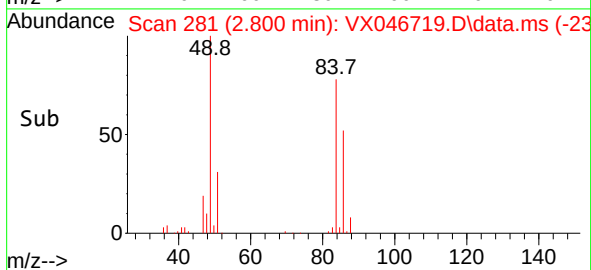
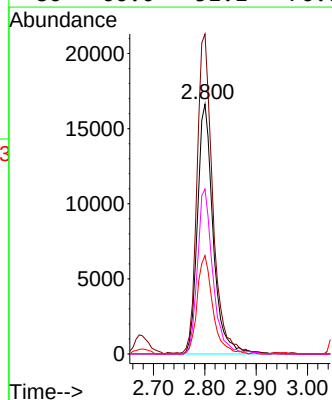
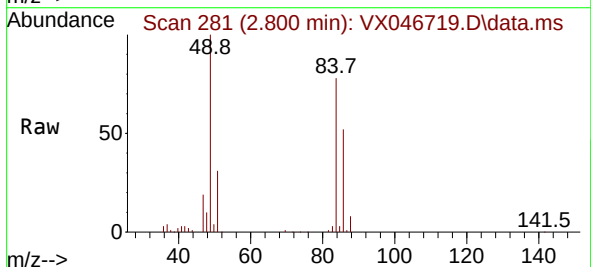
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

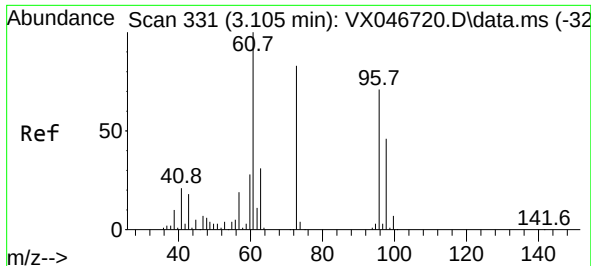
Tgt Ion: 73 Resp: 97187
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.2



#20
Methylene Chloride
Concen: 20.426 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 84 Resp: 35302
Ion Ratio Lower Upper
84 100
49 127.8 101.3 151.9
51 39.4 31.0 46.6
86 66.0 51.1 76.7

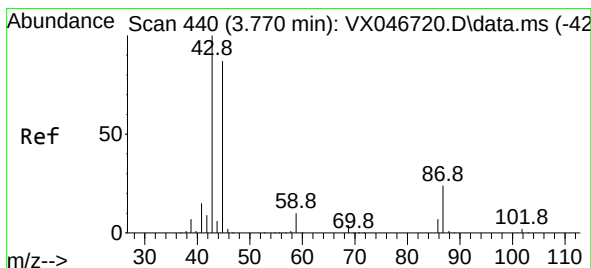
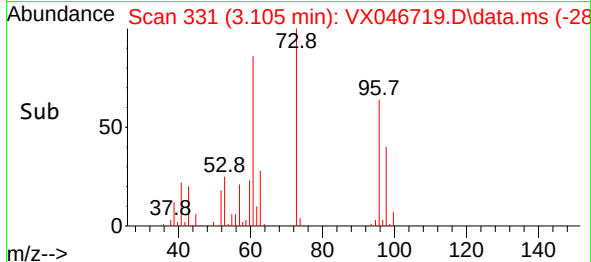
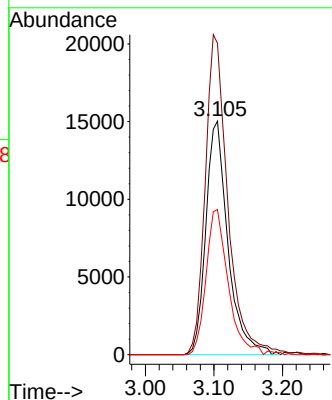
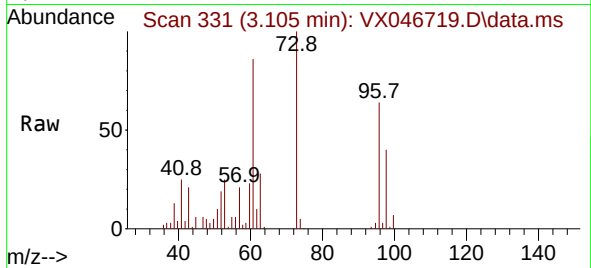




#21
trans-1,2-Dichloroethene
Concen: 21.224 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

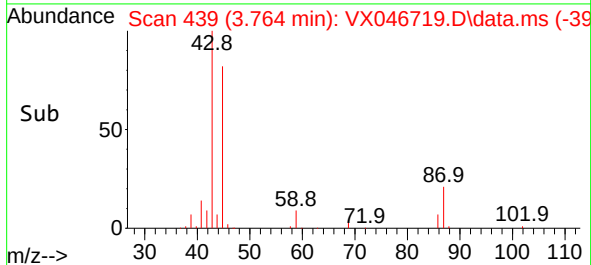
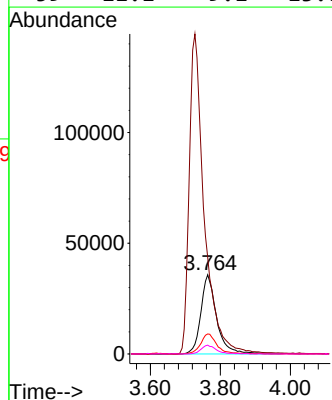
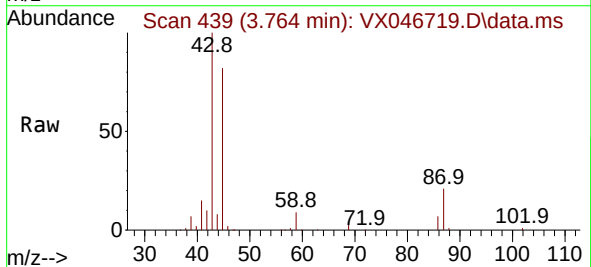
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

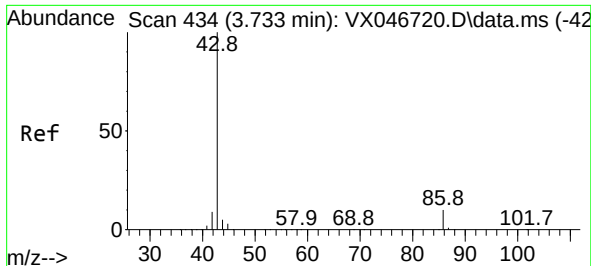
Tgt Ion: 96 Resp: 33796
Ion Ratio Lower Upper
96 100
61 133.3 112.5 168.7
98 62.1 51.9 77.9



#22
Diisopropyl ether
Concen: 21.555 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 45 Resp: 111712
Ion Ratio Lower Upper
45 100
43 120.9 91.9 137.9
87 25.2 22.0 33.0
59 11.1 9.1 13.7

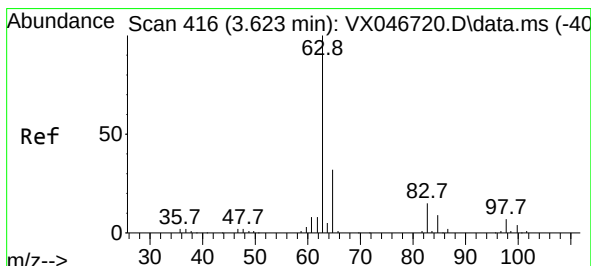
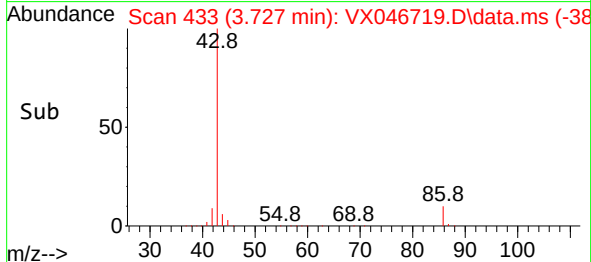
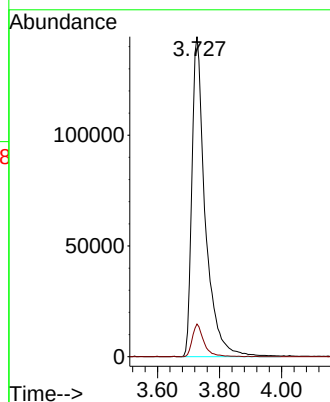
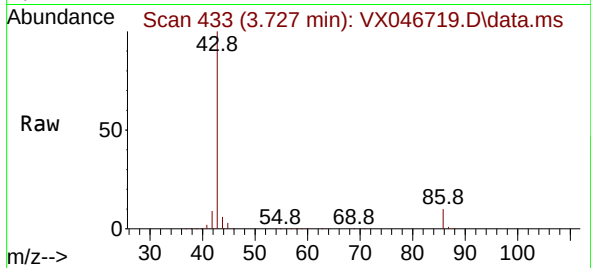




#23
 Vinyl Acetate
 Concen: 105.140 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

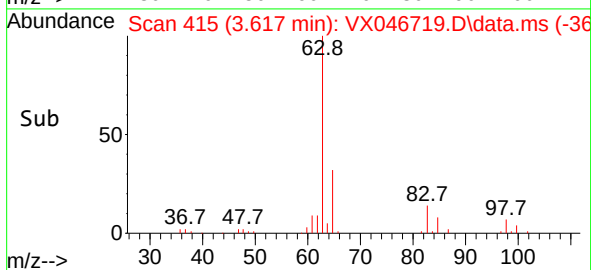
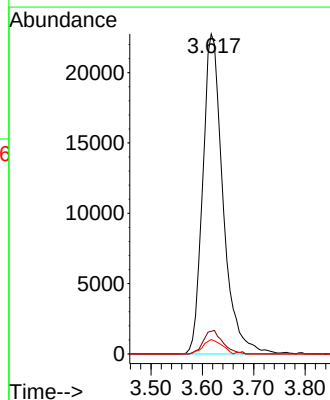
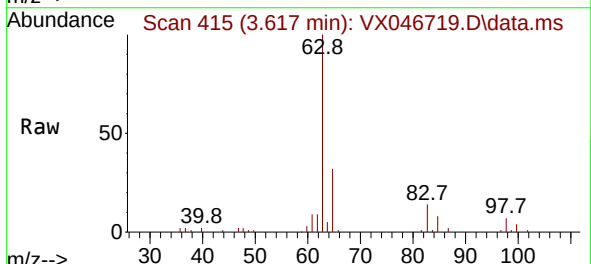
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

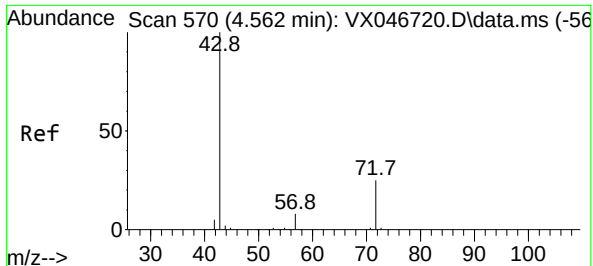
Tgt Ion: 43 Resp: 433313
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 21.126 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion: 63 Resp: 62164
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 11.9
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 99.748 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

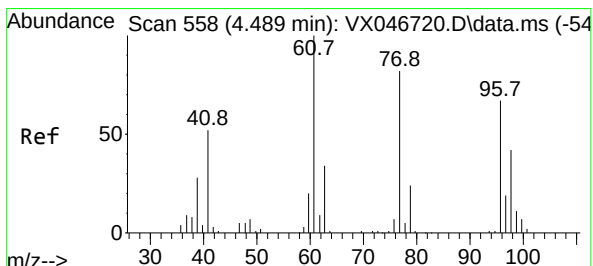
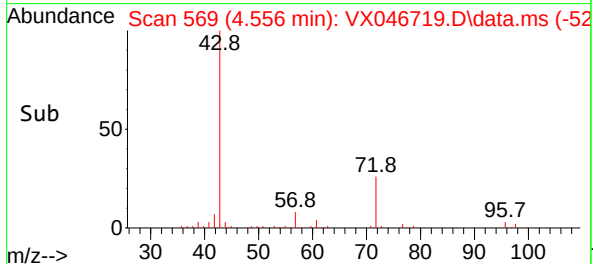
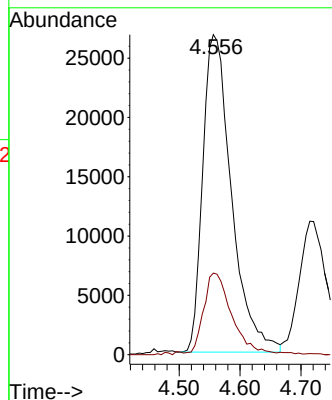
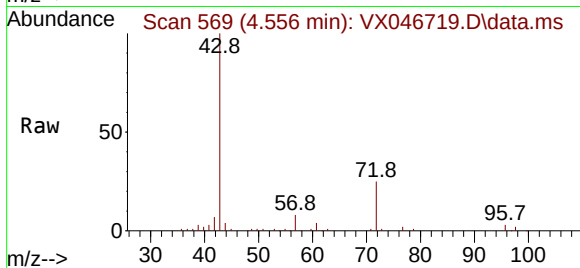
VSTDIC020

Tgt Ion: 43 Resp: 87671

Ion Ratio Lower Upper

43 100

72 24.9 20.2 30.4



#26

2,2-Dichloropropane

Concen: 20.032 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX046719.D

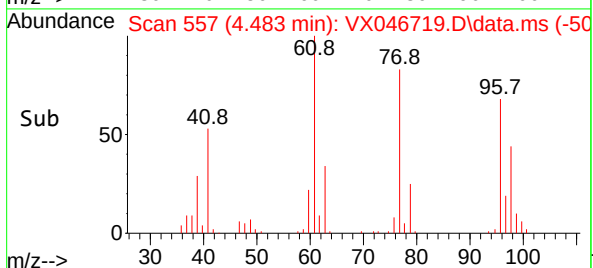
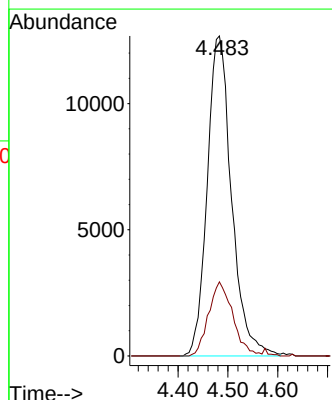
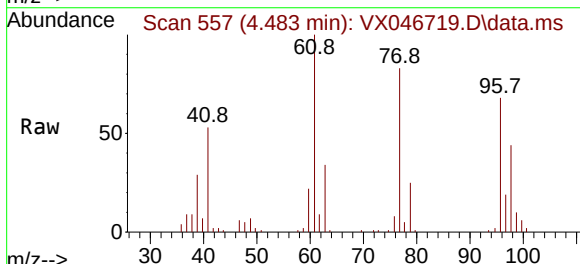
Acq: 17 Jun 2025 13:59

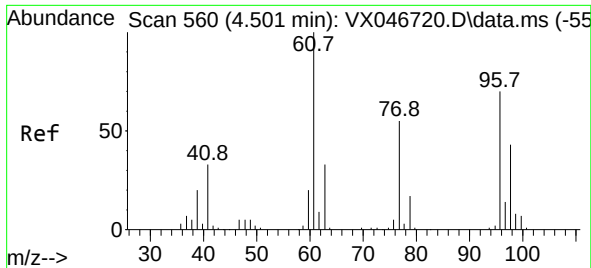
Tgt Ion: 77 Resp: 42992

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3

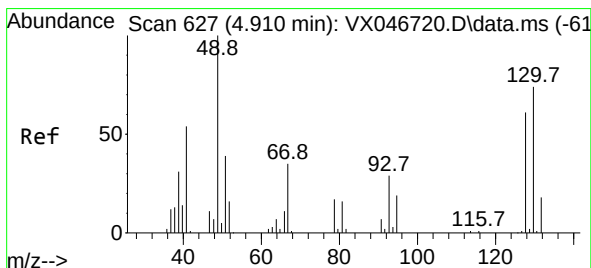
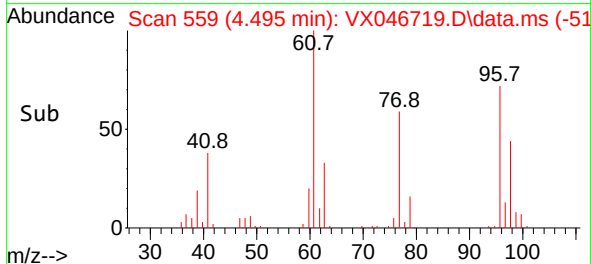
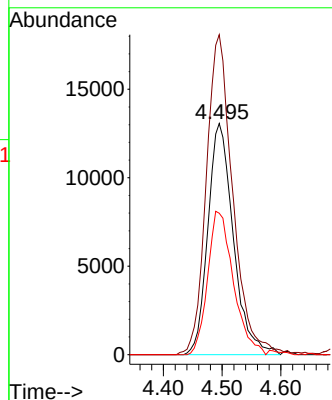
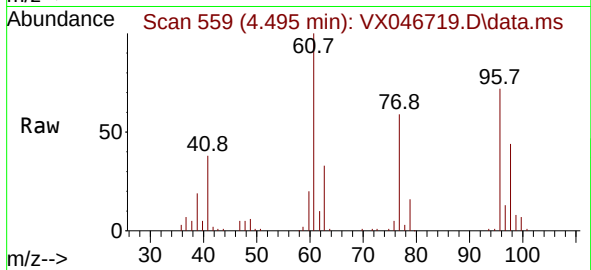




#27
 cis-1,2-Dichloroethene
 Concen: 21.047 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

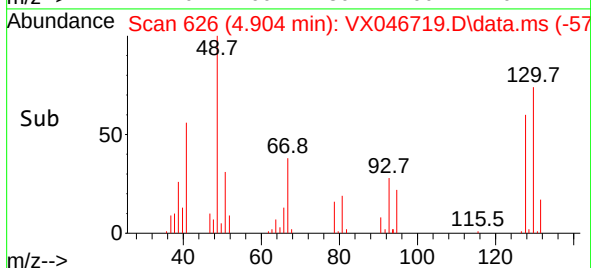
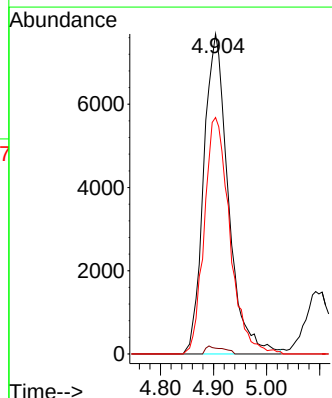
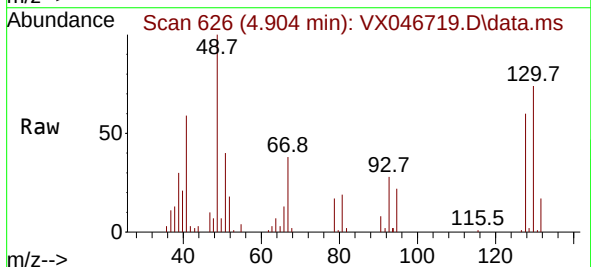
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

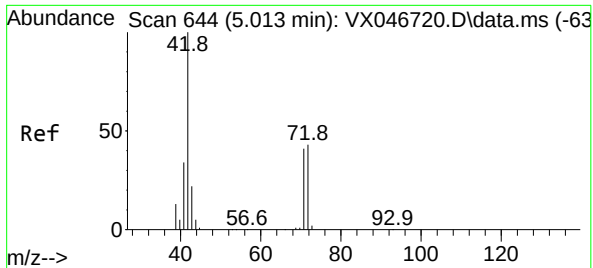
Tgt Ion: 96 Resp: 39374
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 291.0
 98 62.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 18.544 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion: 49 Resp: 24738
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 76.8 61.4 92.0

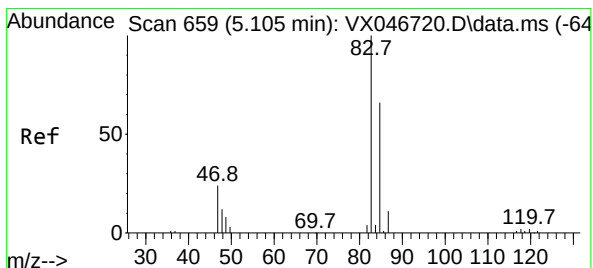
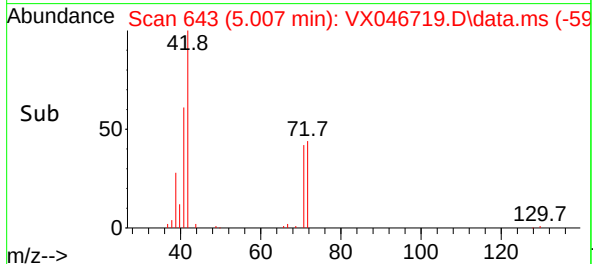
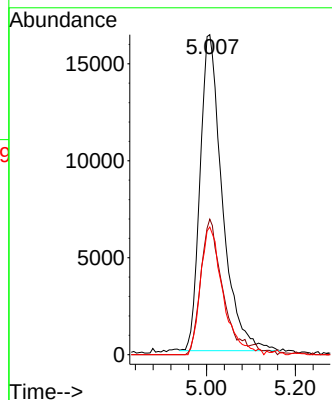
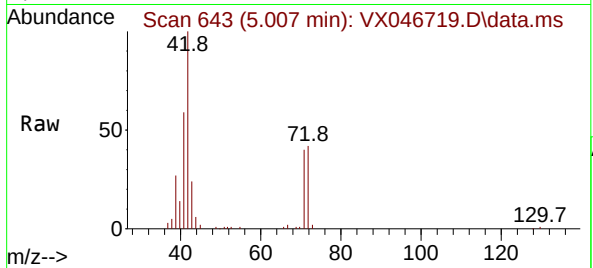




#29
Tetrahydrofuran
Concen: 99.990 ug/l
RT: 5.007 min Scan# 64
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

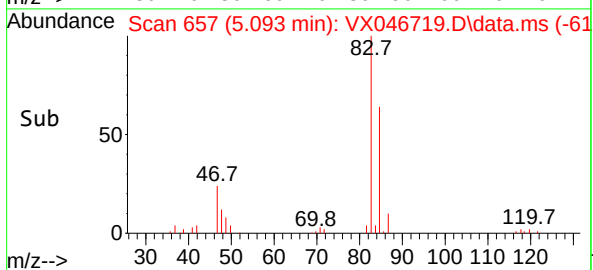
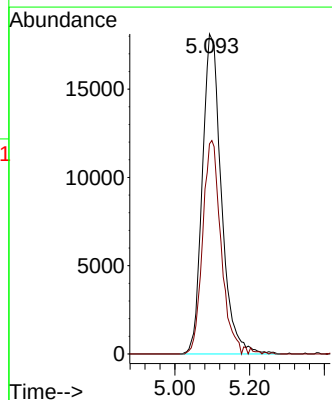
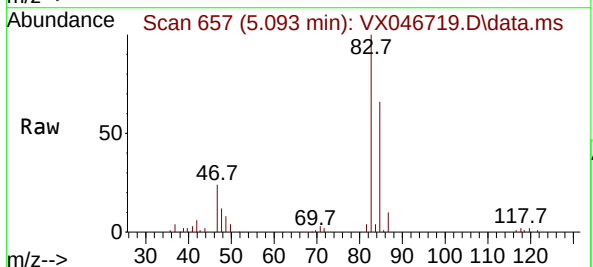
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

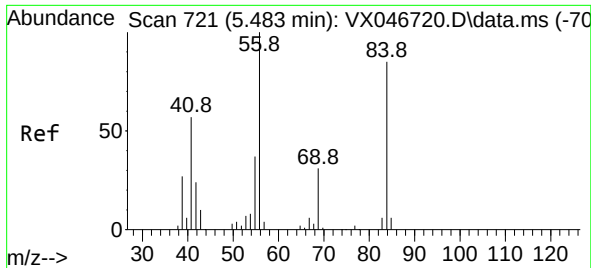
Tgt Ion: 42 Resp: 56765
Ion Ratio Lower Upper
42 100
72 42.0 34.9 52.3
71 40.8 32.2 48.2



#30
Chloroform
Concen: 21.785 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 83 Resp: 64109
Ion Ratio Lower Upper
83 100
85 67.0 53.7 80.5

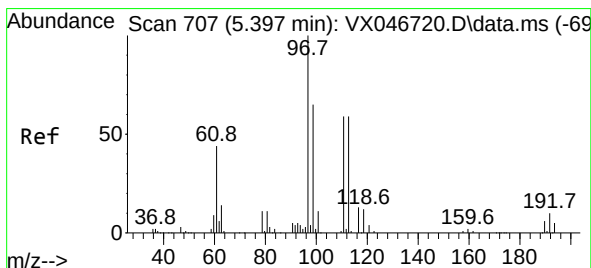
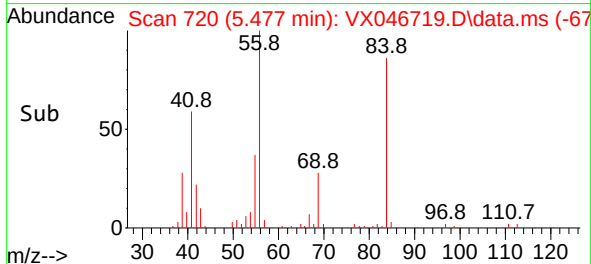
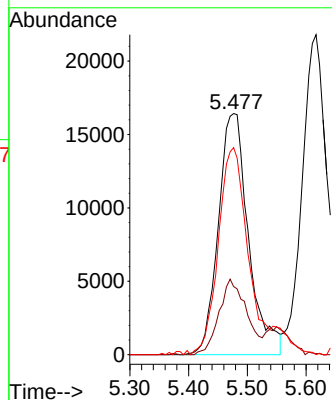
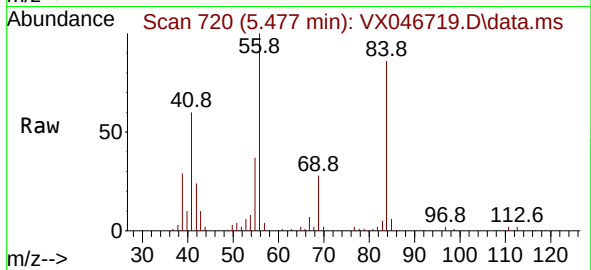




#31
Cyclohexane
Concen: 20.982 ug/l
RT: 5.477 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

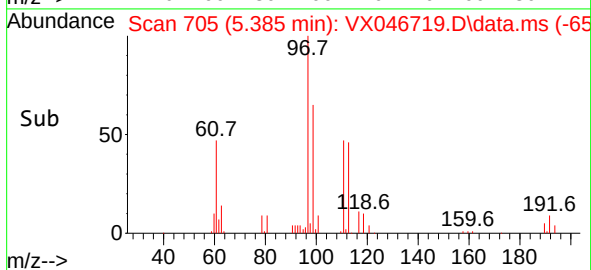
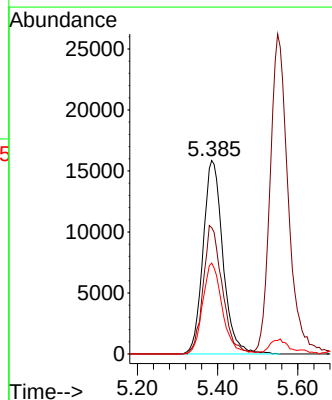
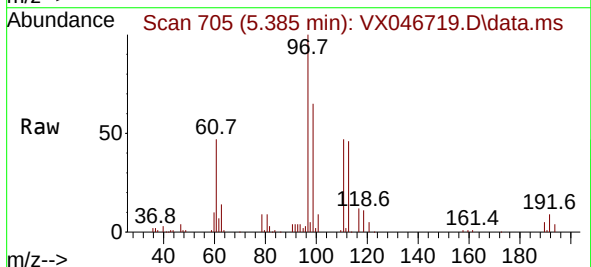
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

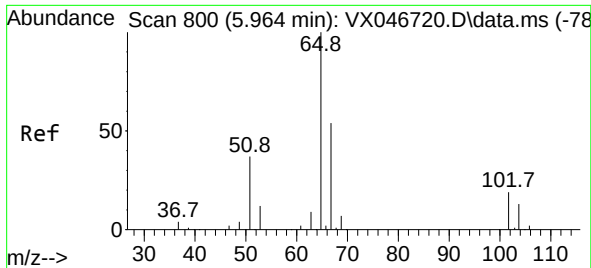
Tgt Ion: 56 Resp: 58552
Ion Ratio Lower Upper
56 100
69 28.3 24.8 37.2
84 84.5 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 21.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 97 Resp: 54542
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 46.4 36.4 54.6

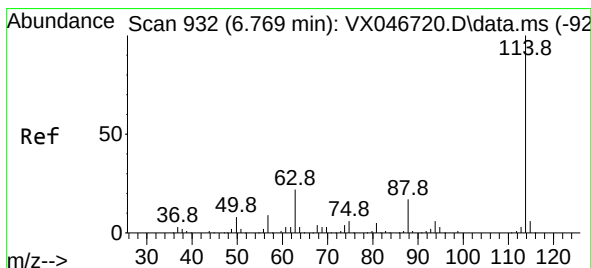
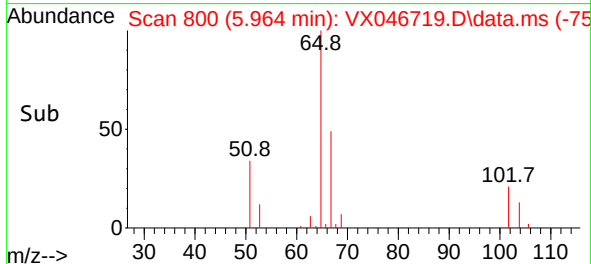
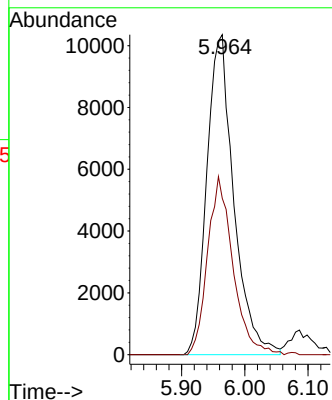
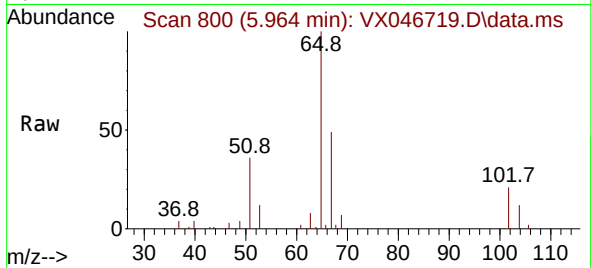




#33
 1,2-Dichloroethane-d4
 Concen: 16.410 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

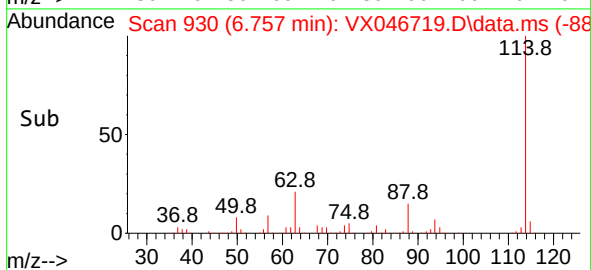
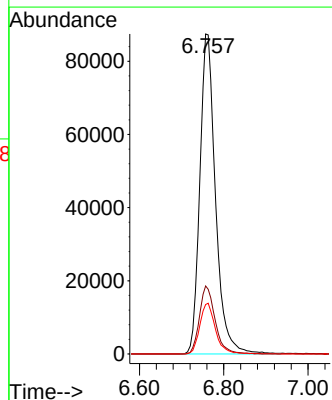
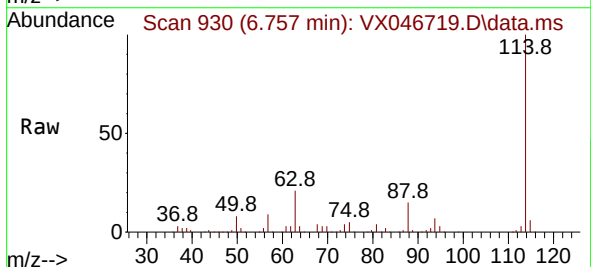
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

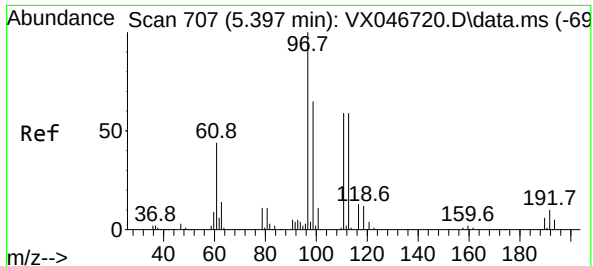
Tgt Ion: 65 Resp: 30582
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.012 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion: 114 Resp: 226567
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.2
 88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 16.114 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

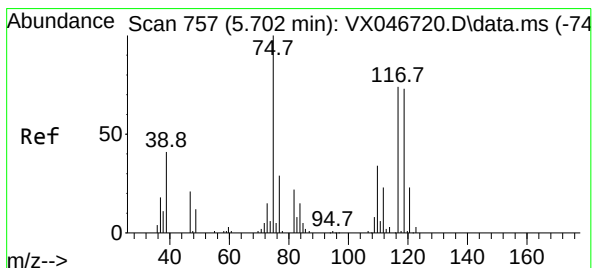
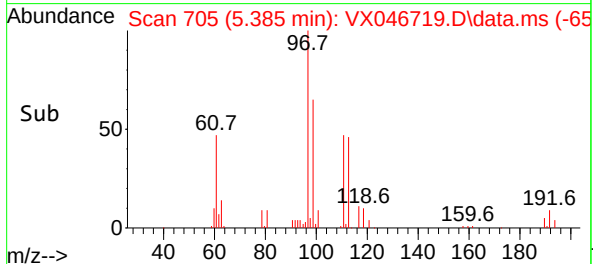
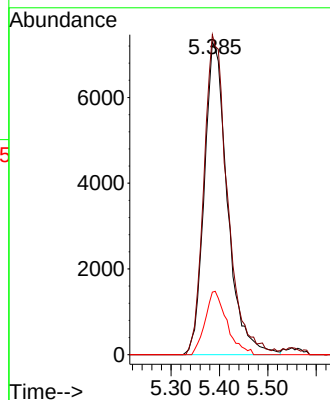
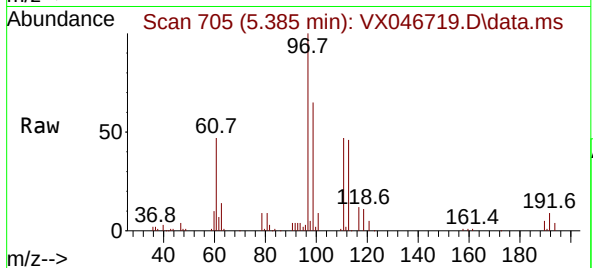
Tgt Ion:113 Resp: 24156

Ion Ratio Lower Upper

113 100

111 104.6 82.0 123.0

192 19.1 15.3 22.9



#36

1,1-Dichloropropene

Concen: 20.344 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

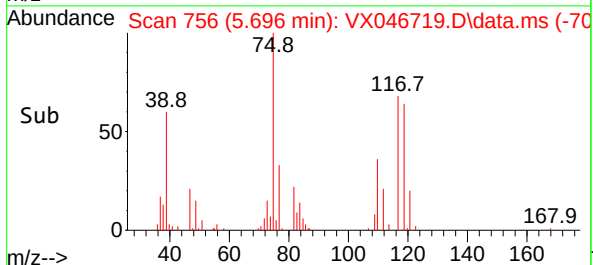
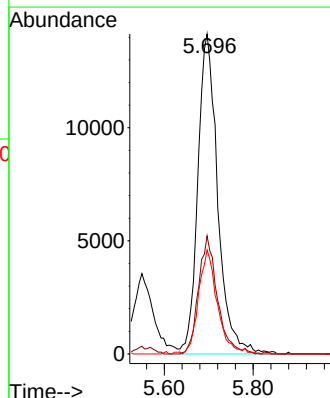
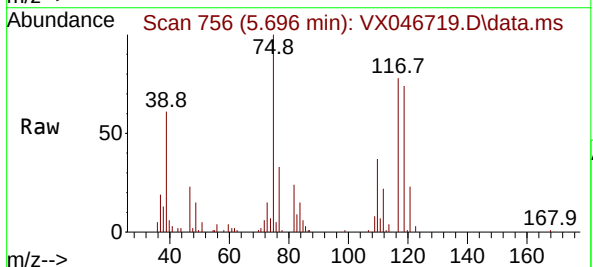
Tgt Ion: 75 Resp: 44023

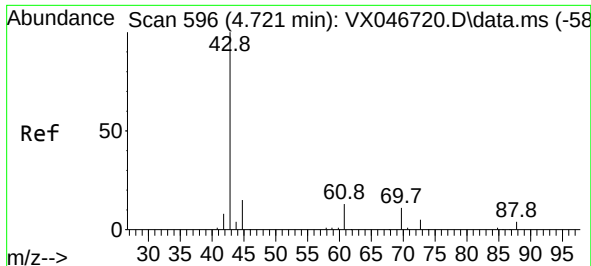
Ion Ratio Lower Upper

75 100

110 34.9 17.2 51.5

77 30.6 24.2 36.4





#37

Ethyl Acetate

Concen: 19.984 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

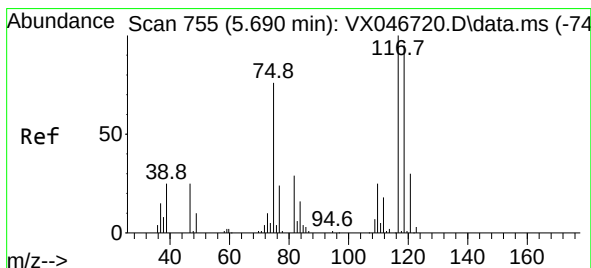
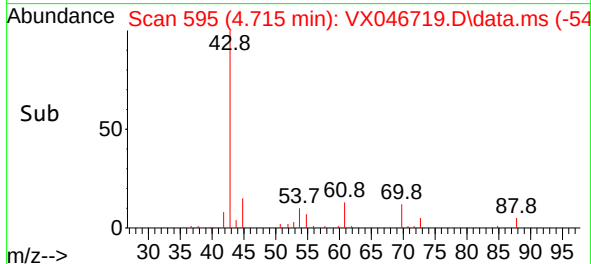
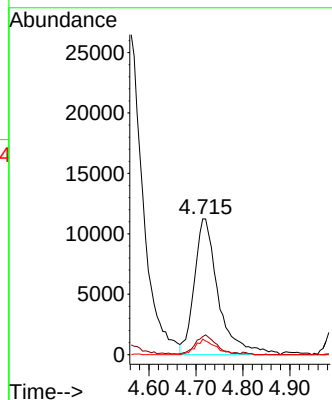
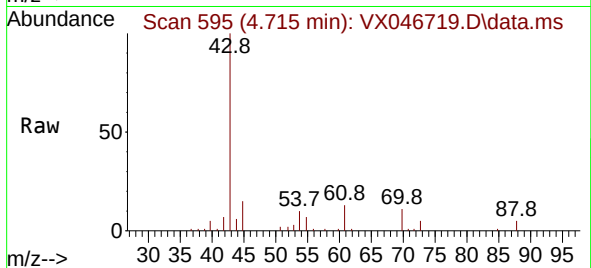
Tgt Ion: 43 Resp: 39916

Ion Ratio Lower Upper

43 100

61 11.7 9.7 14.5

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.735 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

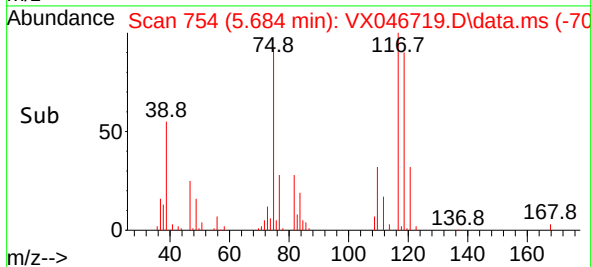
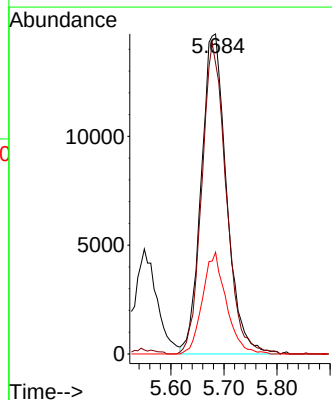
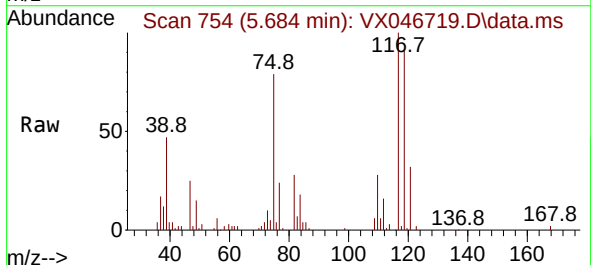
Tgt Ion: 117 Resp: 48694

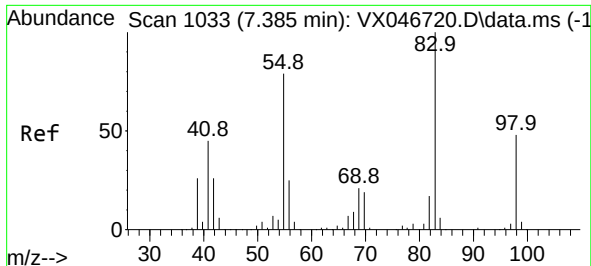
Ion Ratio Lower Upper

117 100

119 90.9 75.2 112.8

121 31.8 24.1 36.1





#39

Methylcyclohexane

Concen: 20.428 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

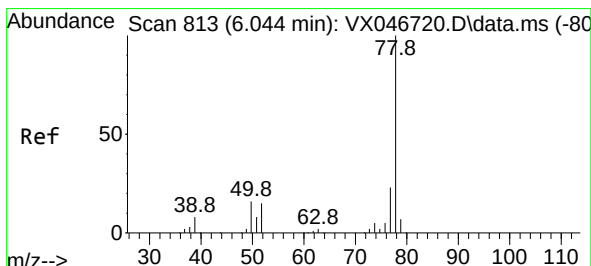
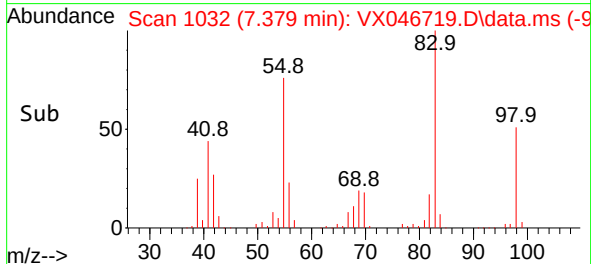
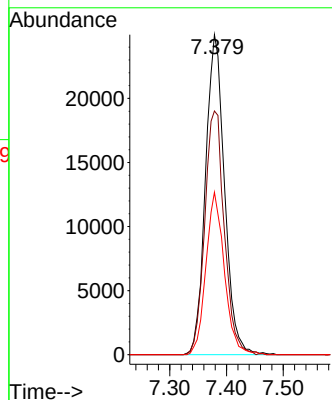
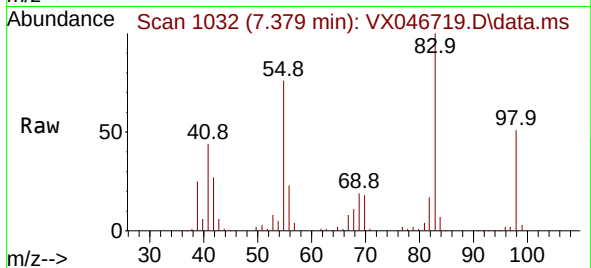
Tgt Ion: 83 Resp: 58170

Ion Ratio Lower Upper

83 100

55 76.1 63.0 94.4

98 50.7 38.8 58.2



#40

Benzene

Concen: 20.904 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX046719.D

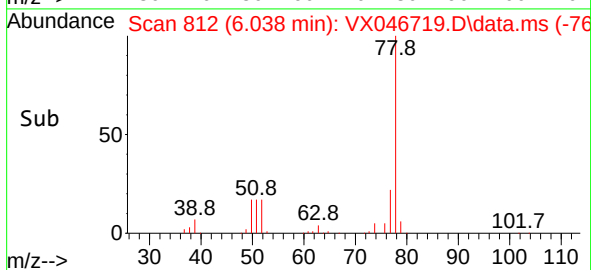
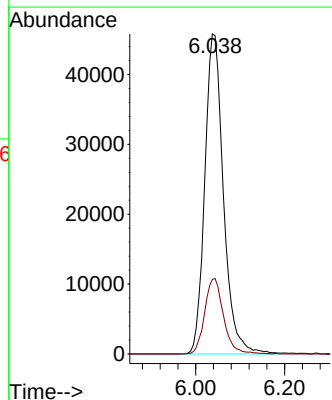
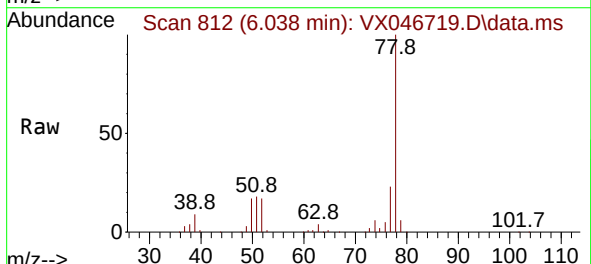
Acq: 17 Jun 2025 13:59

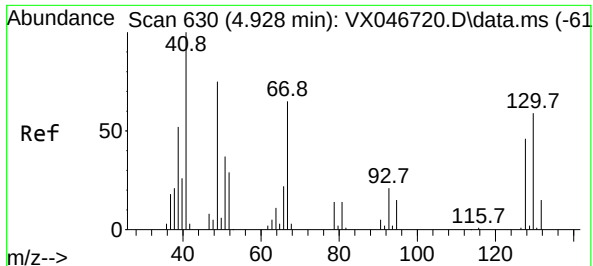
Tgt Ion: 78 Resp: 133872

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

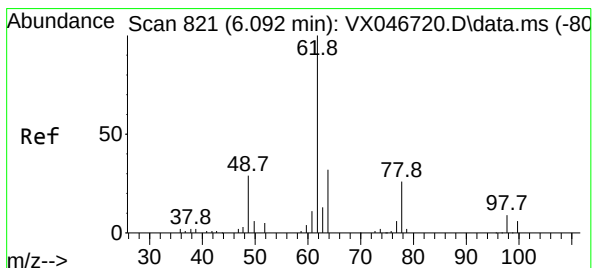
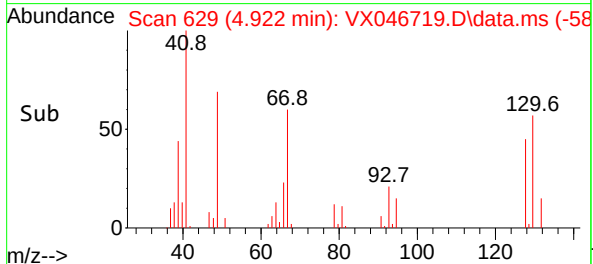
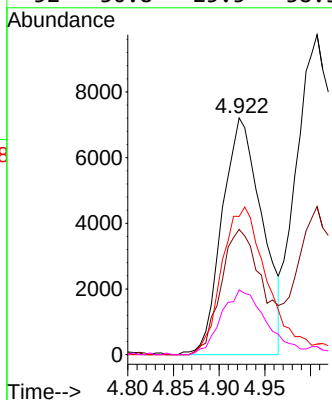
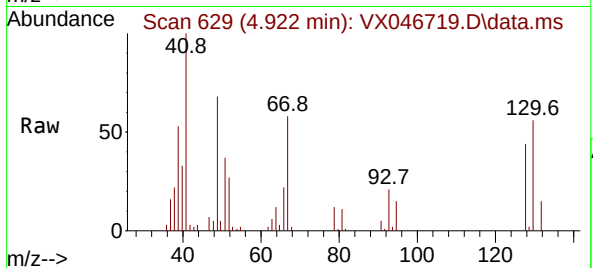




#41
Methacrylonitrile
Concen: 20.632 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

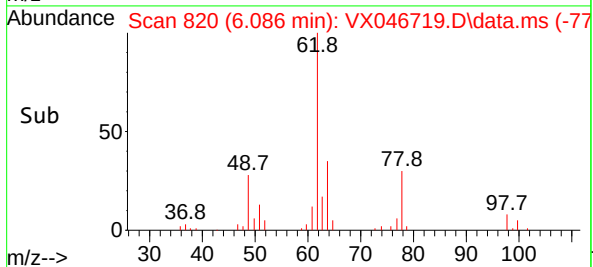
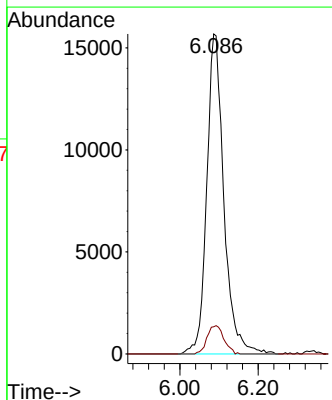
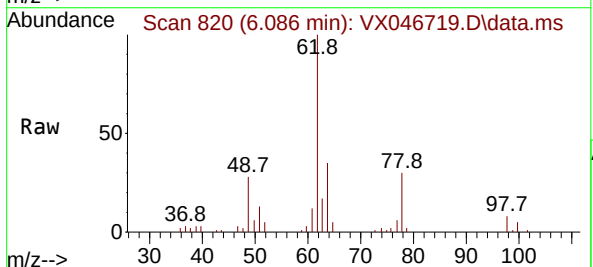
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

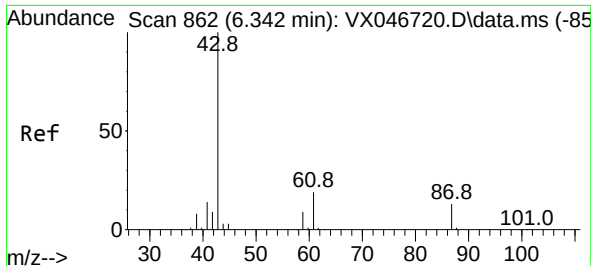
Tgt Ion:	41	Resp:	21970
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.2	61.2	91.8
52	30.8	25.5	38.3



#42
1,2-Dichloroethane
Concen: 21.076 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:	62	Resp:	47430
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8

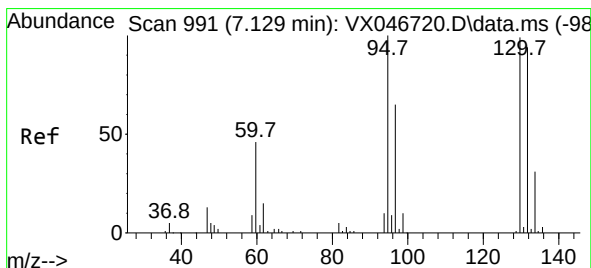
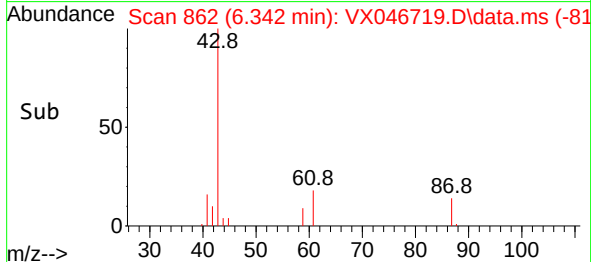
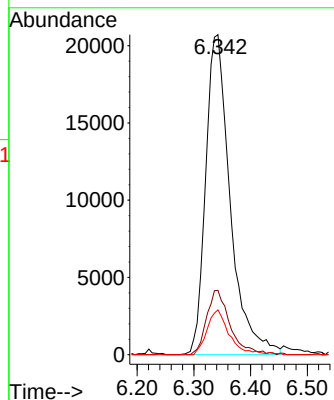
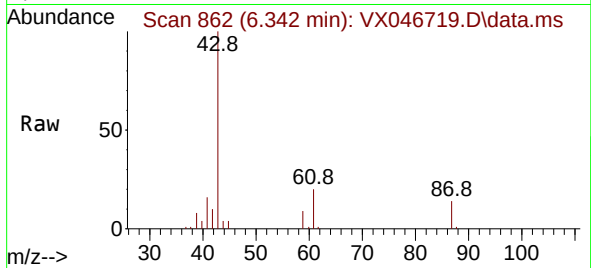




#43
Isopropyl Acetate
Concen: 19.975 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

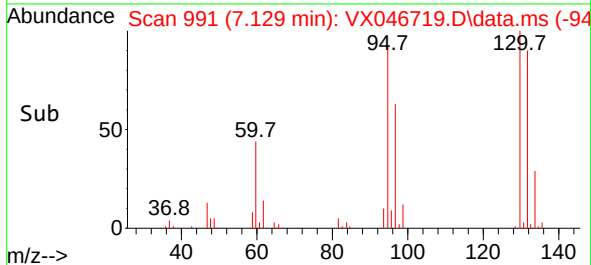
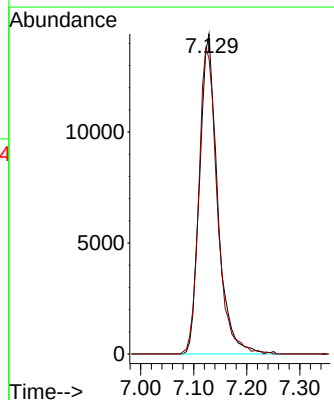
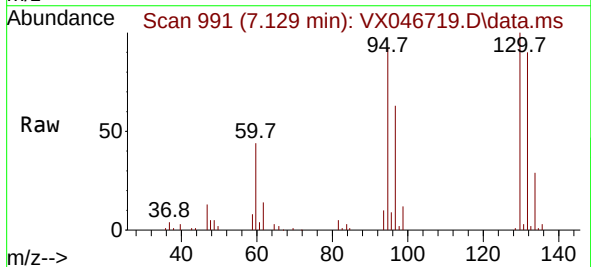
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

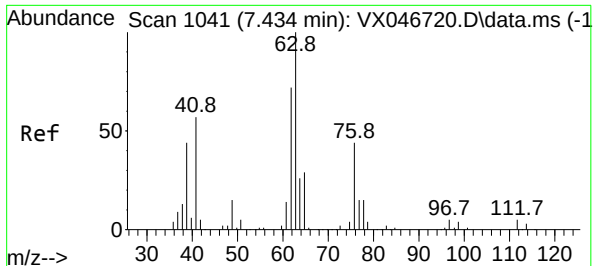
Tgt Ion: 43 Resp: 62432
Ion Ratio Lower Upper
43 100
61 19.2 15.3 22.9
87 12.5 10.0 15.0



#44
Trichloroethene
Concen: 20.788 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:130 Resp: 33927
Ion Ratio Lower Upper
130 100
95 101.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 21.226 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

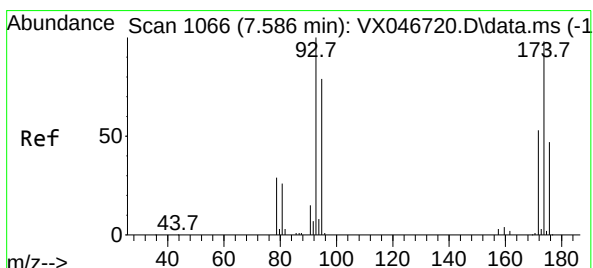
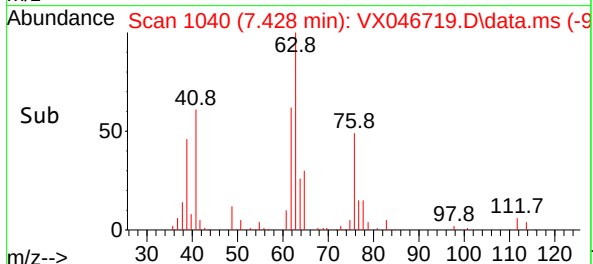
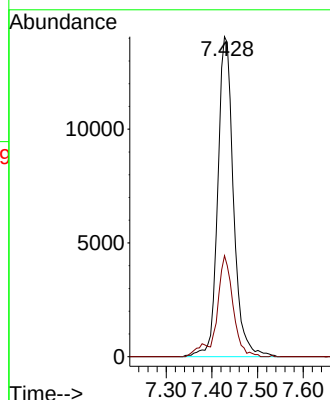
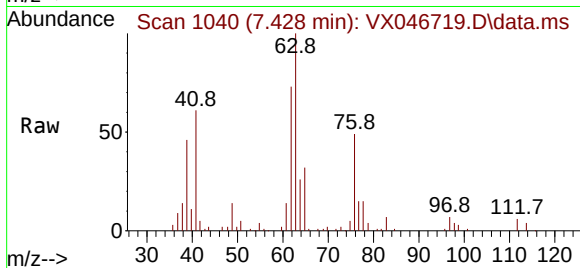
VSTDIC020

Tgt Ion: 63 Resp: 33688

Ion Ratio Lower Upper

63 100

65 31.6 22.9 34.3



#46

Dibromomethane

Concen: 20.663 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

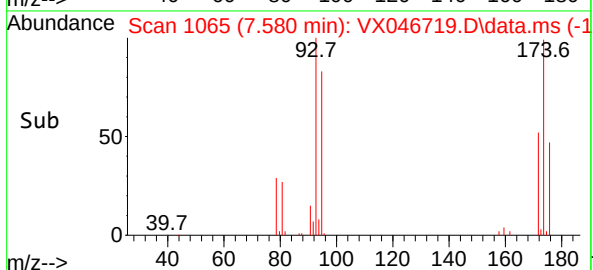
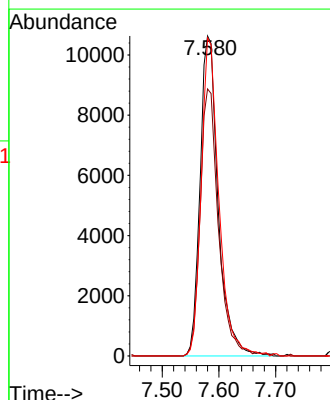
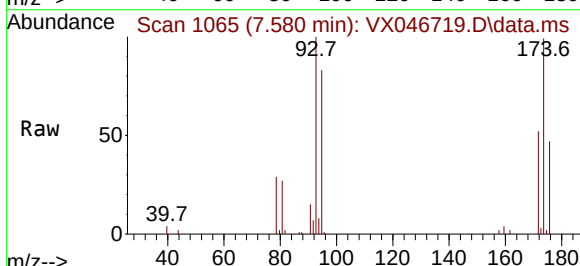
Tgt Ion: 93 Resp: 23569

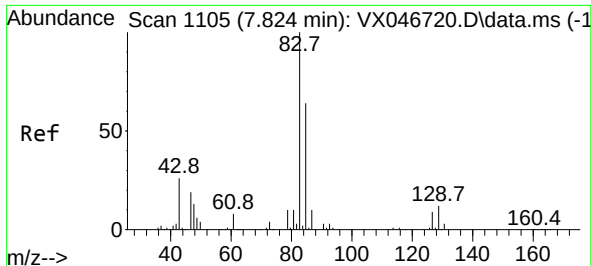
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 97.1 77.0 115.6

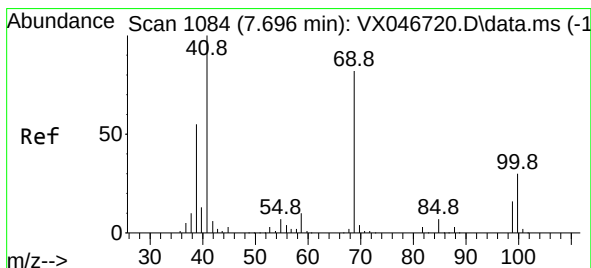
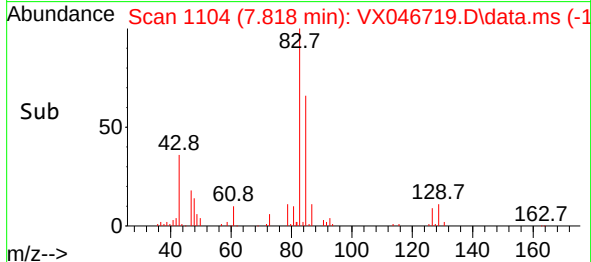
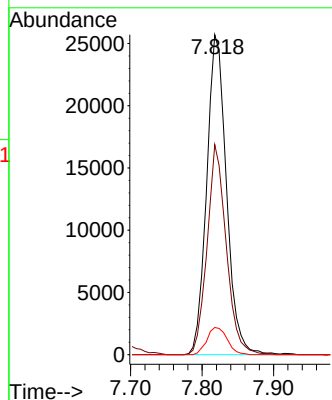
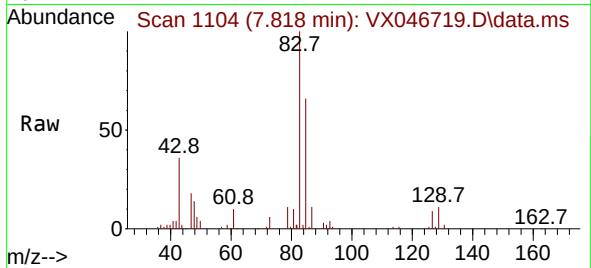




#47
Bromodichloromethane
Concen: 21.227 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

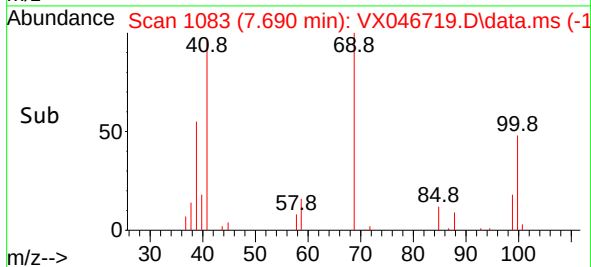
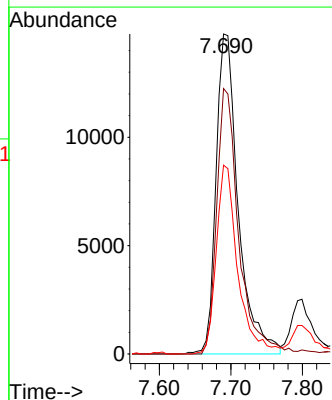
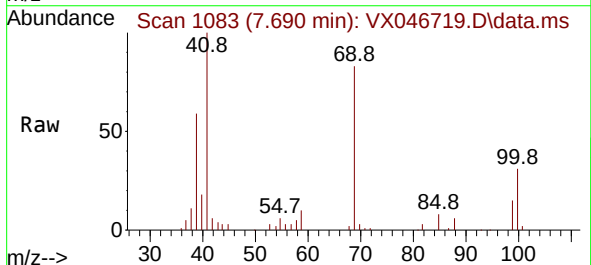
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

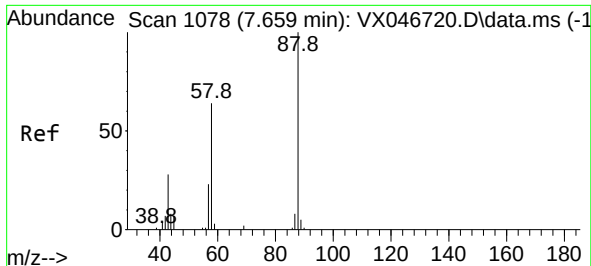
Tgt Ion: 83 Resp: 49411
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2
127 8.5 6.9 10.3



#48
Methyl methacrylate
Concen: 20.322 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 41 Resp: 31856
Ion Ratio Lower Upper
41 100
69 82.0 63.4 95.2
39 57.2 45.4 68.0



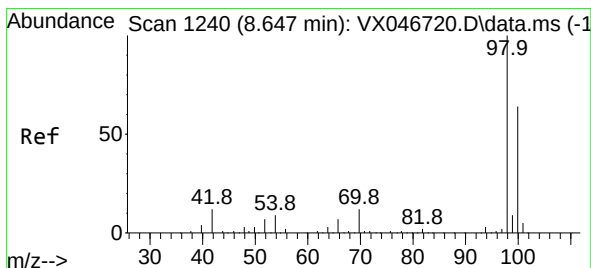
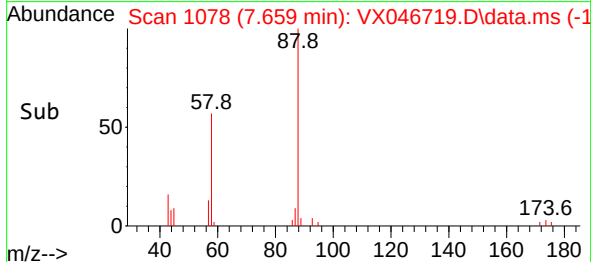
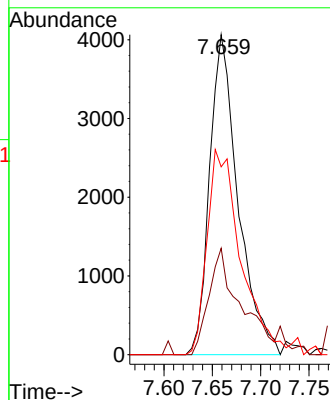
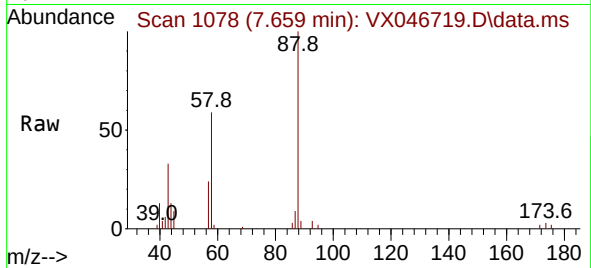


#49
 1,4-Dioxane
 Concen: 382.035 ug/l
 RT: 7.659 min Scan# 1078
 Delta R.T. 0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 88 Resp: 8340

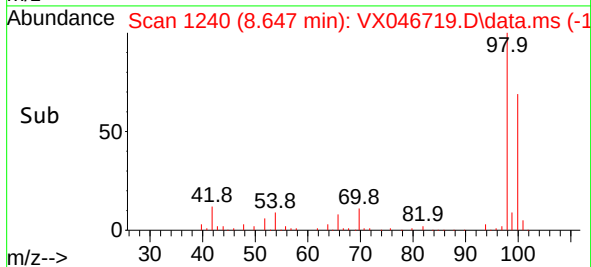
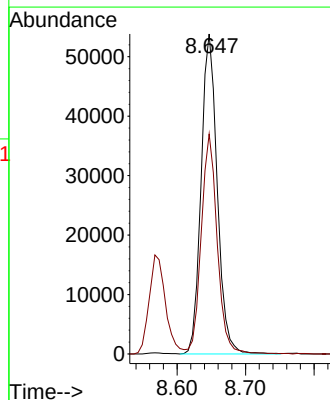
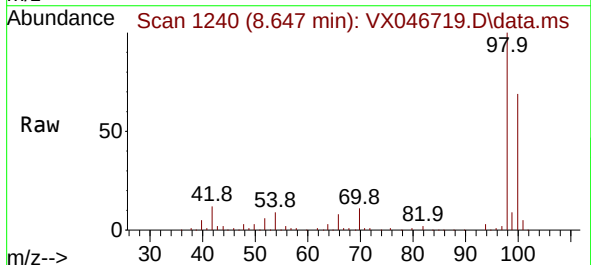
Ion	Ratio	Lower	Upper
88	100		
43	37.1	31.2	46.8
58	75.7	54.7	82.1

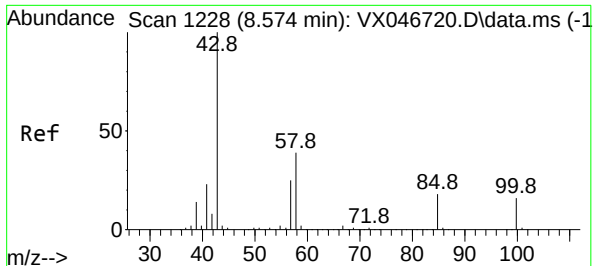


#50
 Toluene-d8
 Concen: 16.376 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion: 98 Resp: 88197

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.4

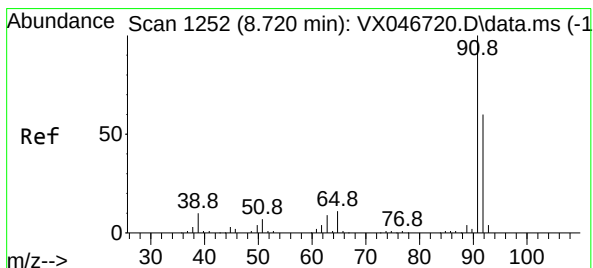
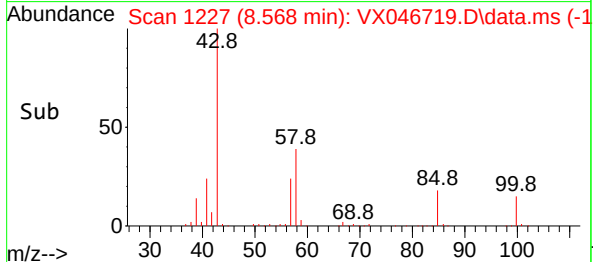
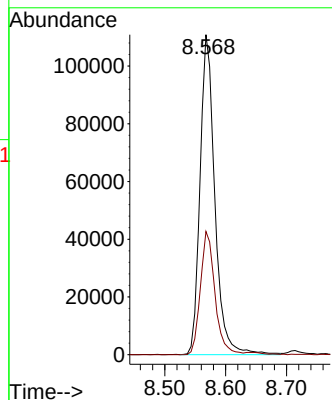
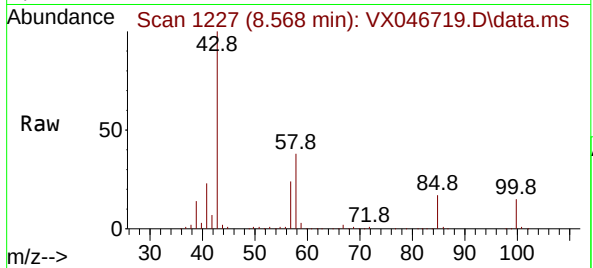




#51
4-Methyl-2-Pentanone
Concen: 100.586 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

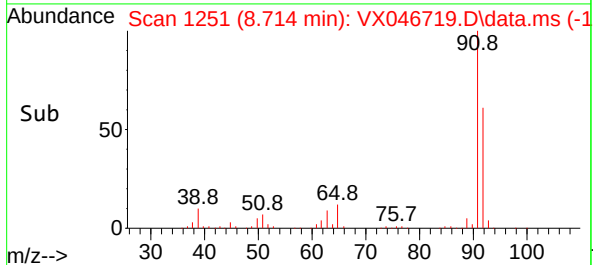
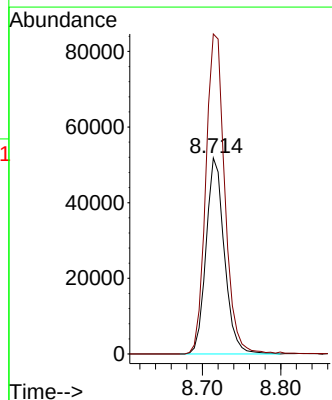
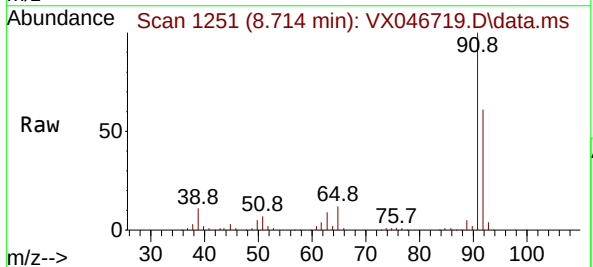
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

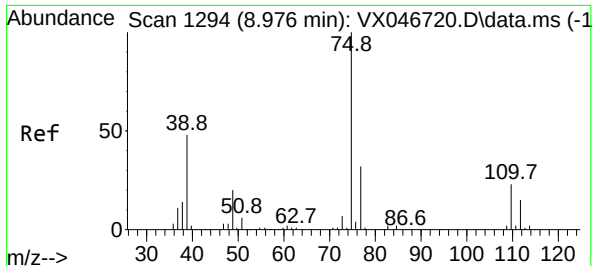
Tgt Ion: 43 Resp: 187509
Ion Ratio Lower Upper
43 100
58 37.8 30.8 46.2



#52
Toluene
Concen: 21.166 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 92 Resp: 84030
Ion Ratio Lower Upper
92 100
91 169.0 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 20.304 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

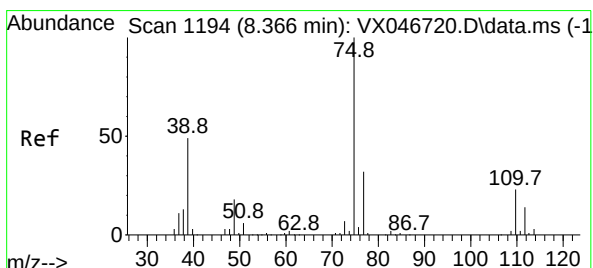
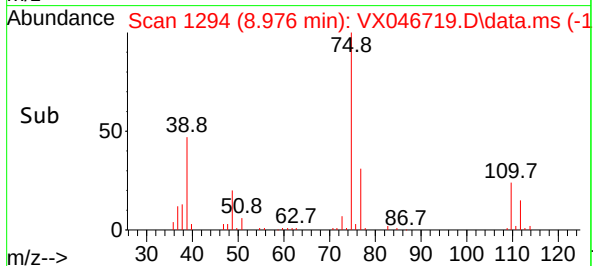
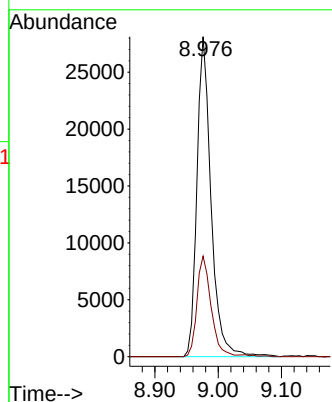
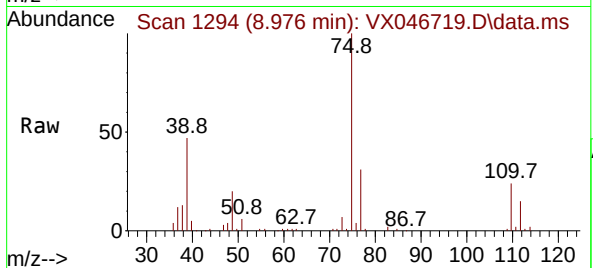
VSTDICC020

Tgt Ion: 75 Resp: 43852

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.526 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

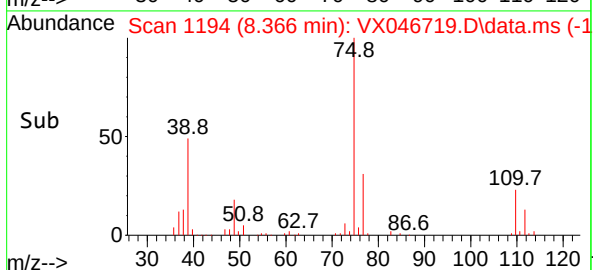
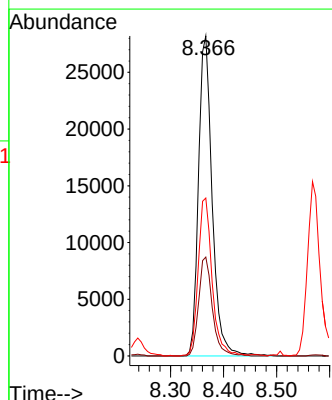
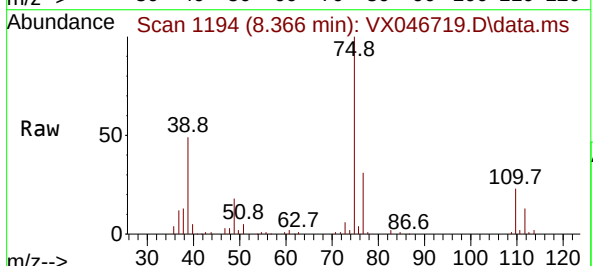
Tgt Ion: 75 Resp: 50326

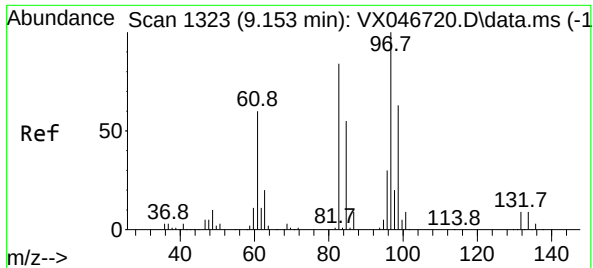
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

39 47.9 39.2 58.8



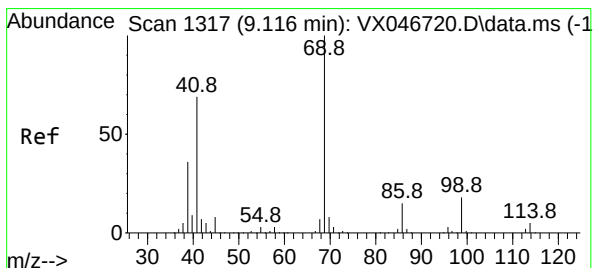
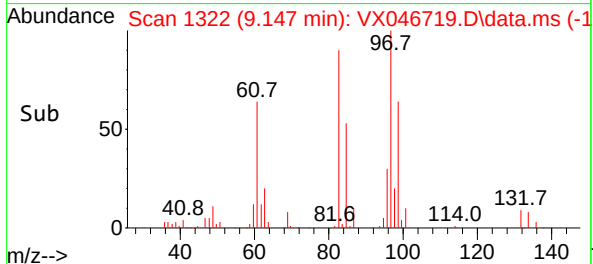
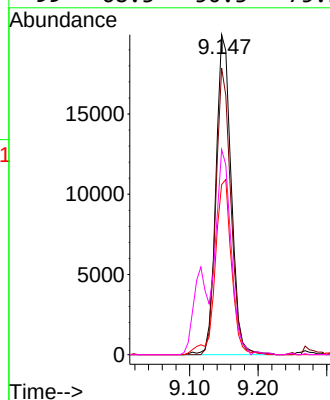
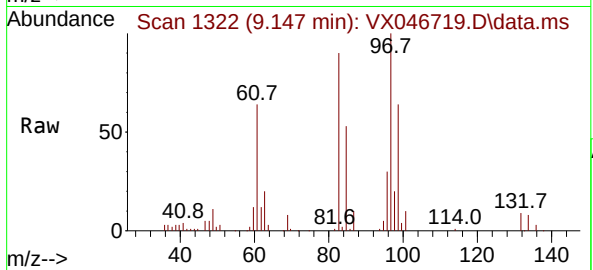


#55
1,1,2-Trichloroethane
Concen: 20.862 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 30865

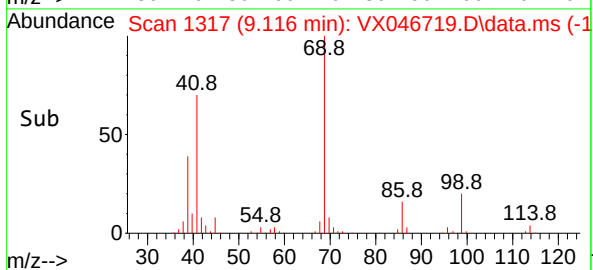
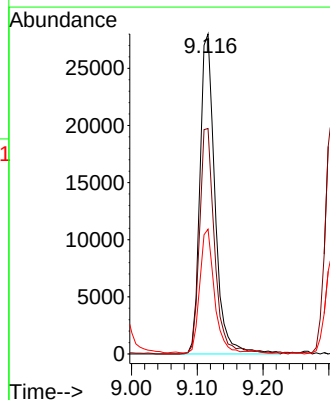
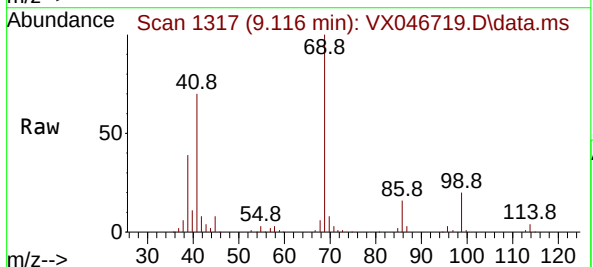
Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.2	100.8
85	53.2	44.1	66.1
99	68.3	50.3	75.5

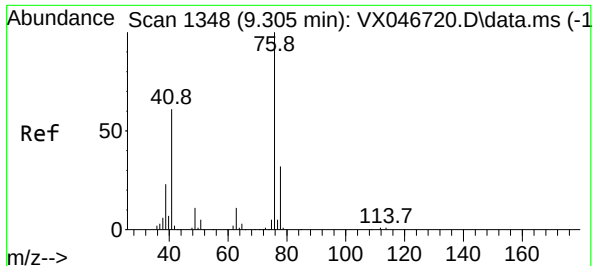


#56
Ethyl methacrylate
Concen: 20.468 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 69 Resp: 44702

Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	37.3	29.7	44.5





#57

1,3-Dichloropropane

Concen: 20.480 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

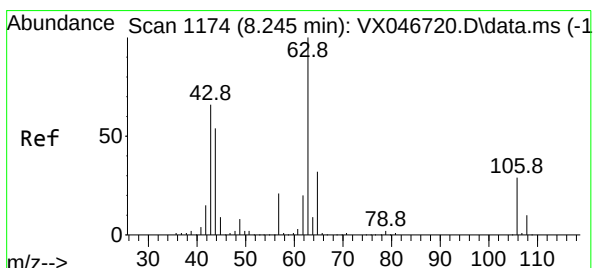
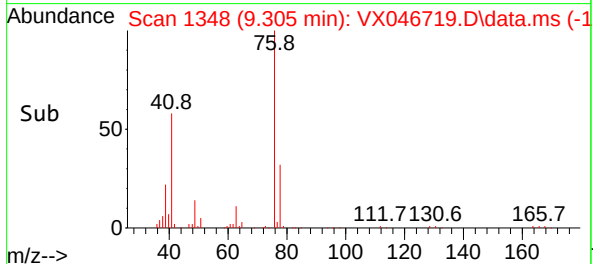
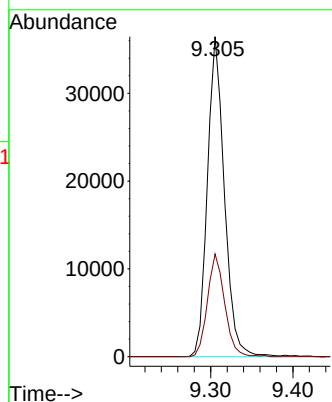
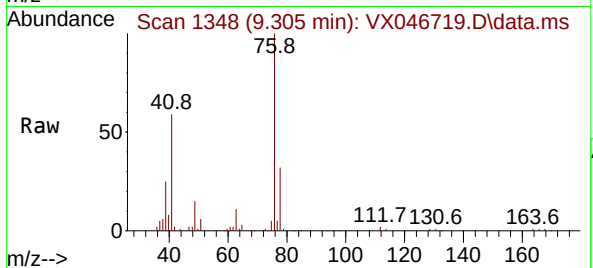
VSTDICC020

Tgt Ion: 76 Resp: 52181

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 93.878 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046719.D

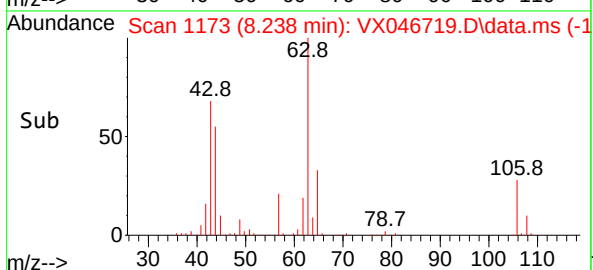
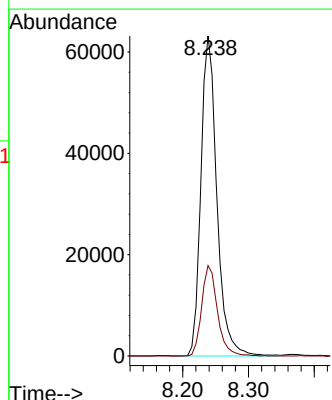
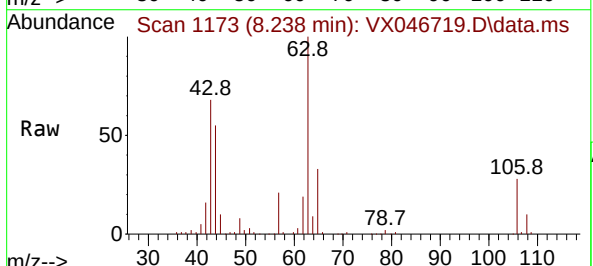
Acq: 17 Jun 2025 13:59

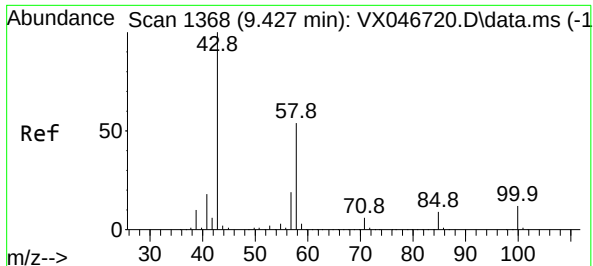
Tgt Ion: 63 Resp: 106505

Ion Ratio Lower Upper

63 100

106 27.9 22.6 34.0





#59

2-Hexanone

Concen: 100.265 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

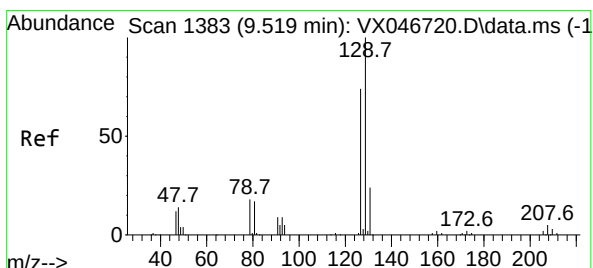
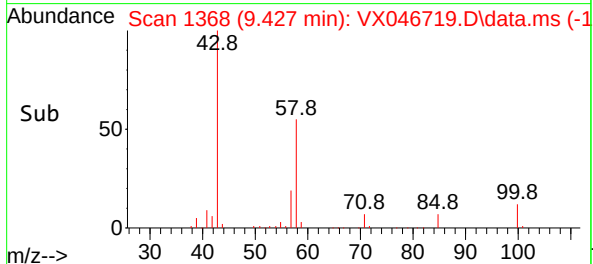
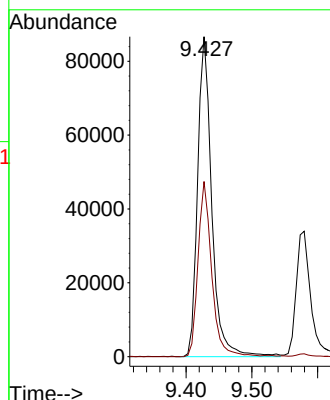
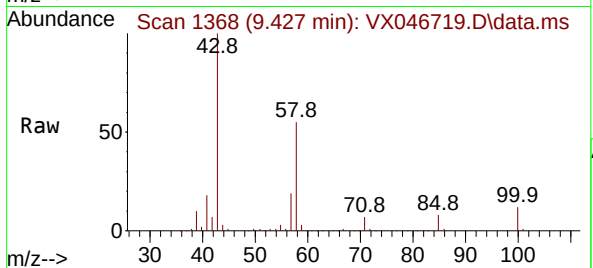
VSTDIC020

Tgt Ion: 43 Resp: 129218

Ion Ratio Lower Upper

43 100

58 52.8 26.8 80.4



#60

Dibromochloromethane

Concen: 20.872 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046719.D

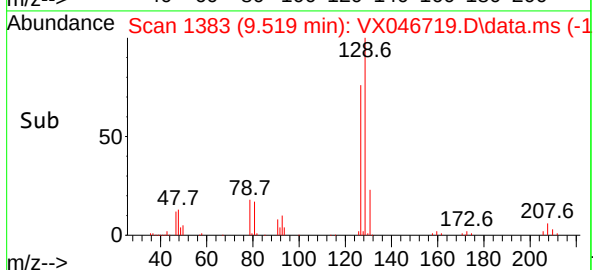
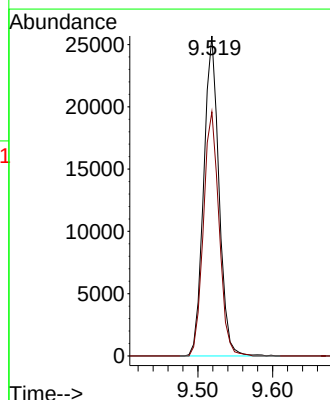
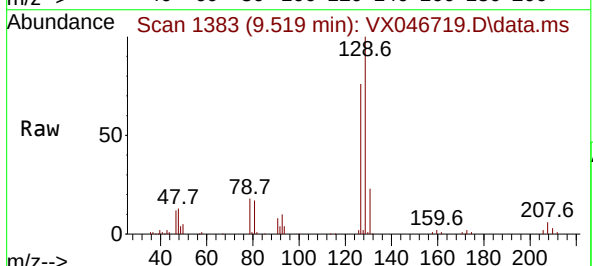
Acq: 17 Jun 2025 13:59

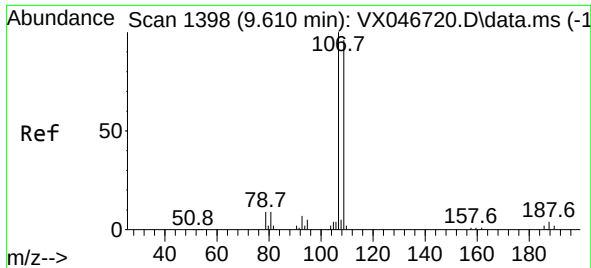
Tgt Ion: 129 Resp: 36392

Ion Ratio Lower Upper

129 100

127 78.0 38.4 115.2

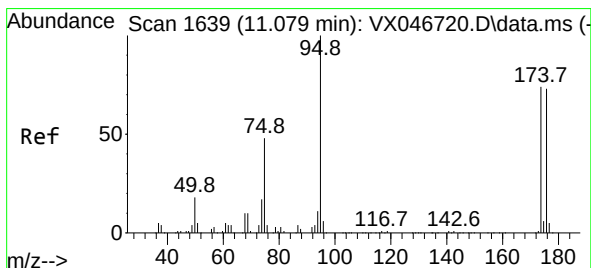
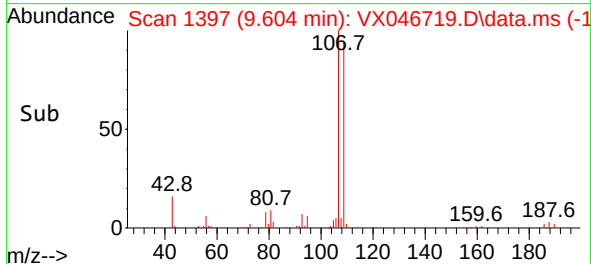
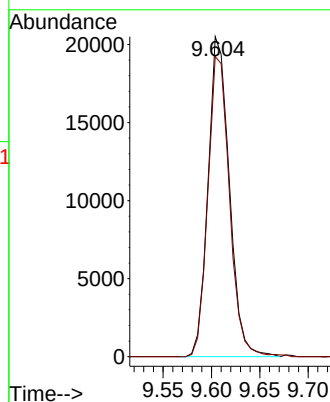
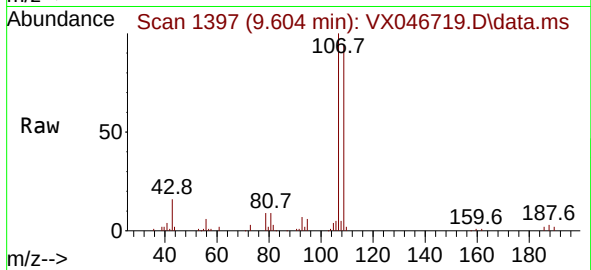




#61
1,2-Dibromoethane
Concen: 20.936 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

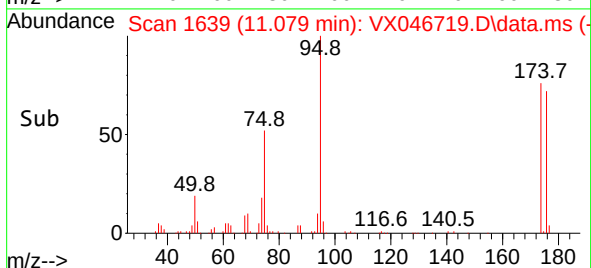
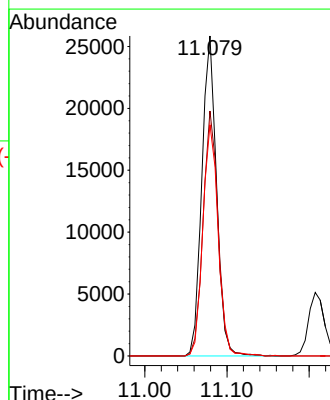
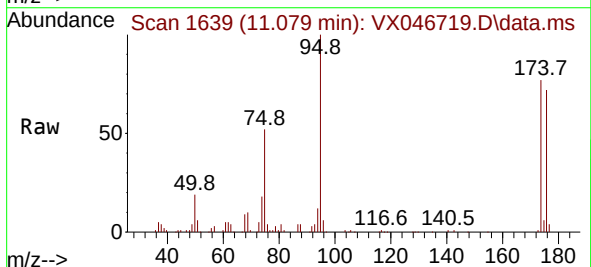
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

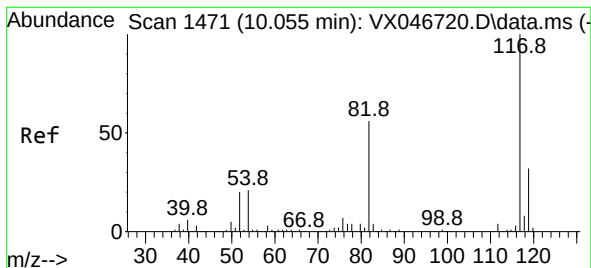
Tgt Ion:107 Resp: 31507
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 15.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 95 Resp: 32067
Ion Ratio Lower Upper
95 100
174 78.1 0.0 150.4
176 75.2 0.0 145.0

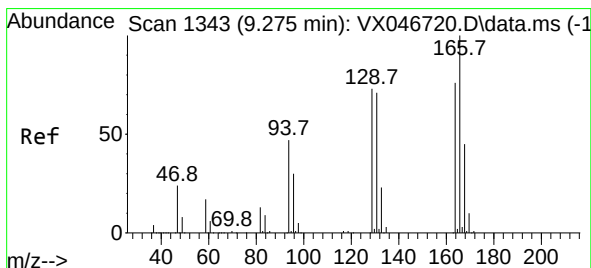
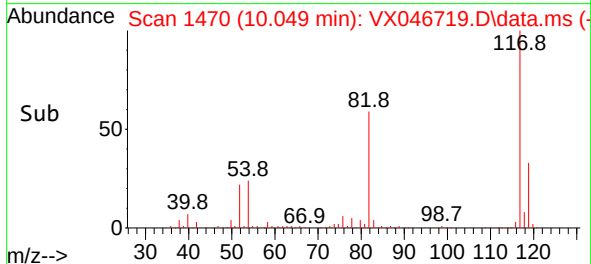
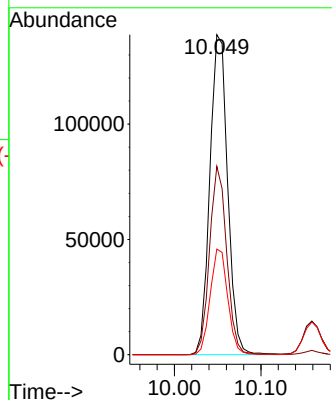
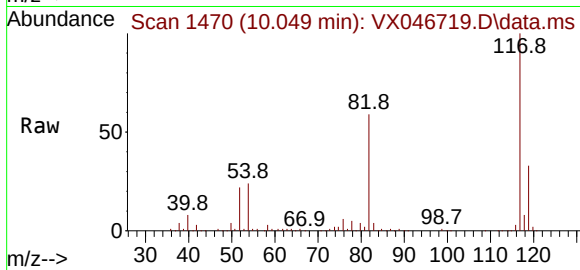




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

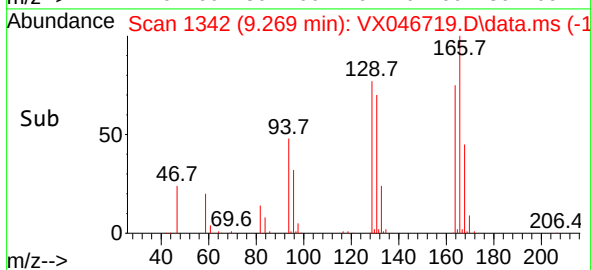
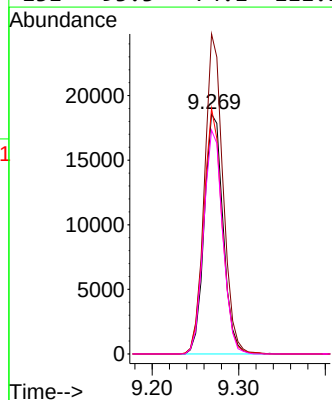
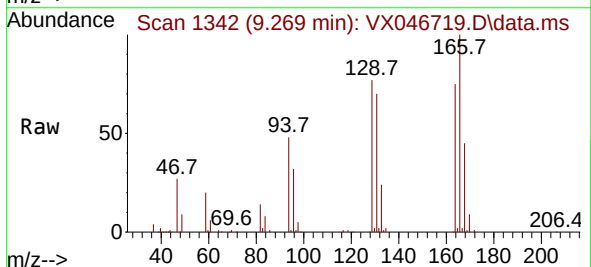
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

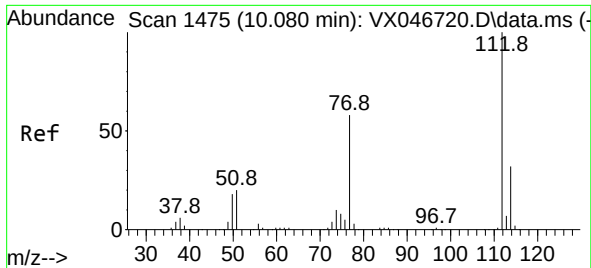
Tgt Ion:117 Resp: 197947
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.408 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:164 Resp: 27988
Ion Ratio Lower Upper
164 100
166 133.4 104.6 157.0
129 102.4 76.3 114.5
131 93.3 74.1 111.1

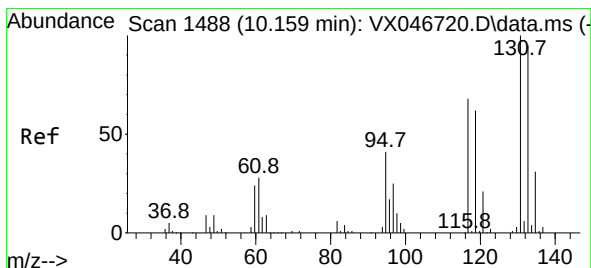
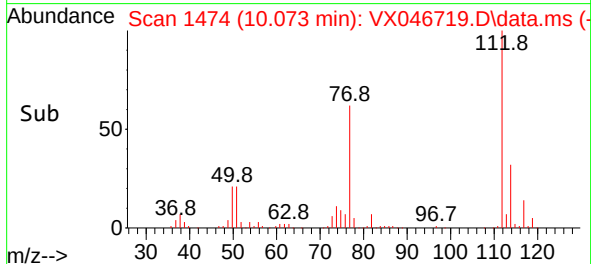
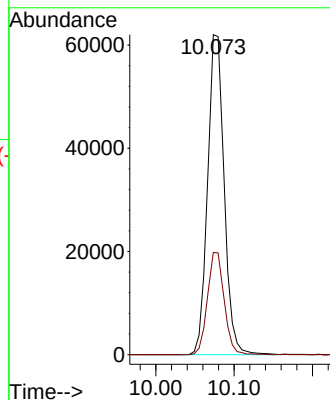
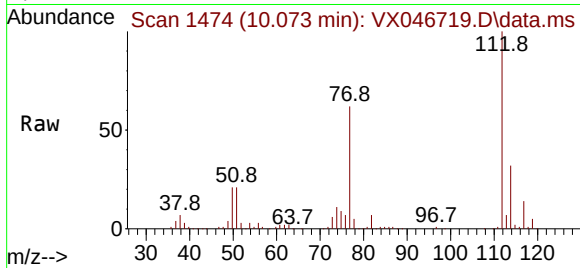




#65
Chlorobenzene
Concen: 20.796 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

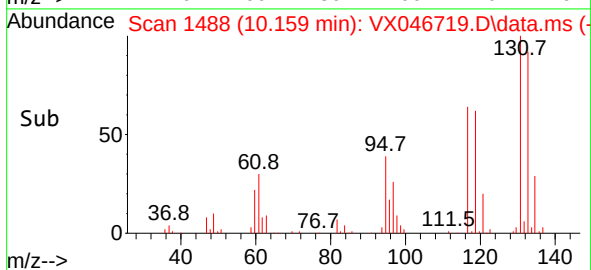
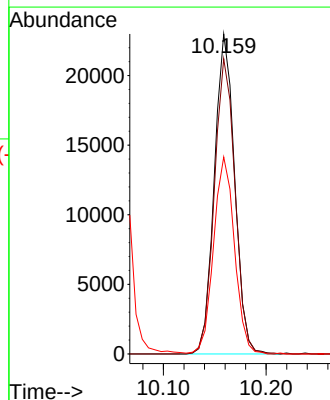
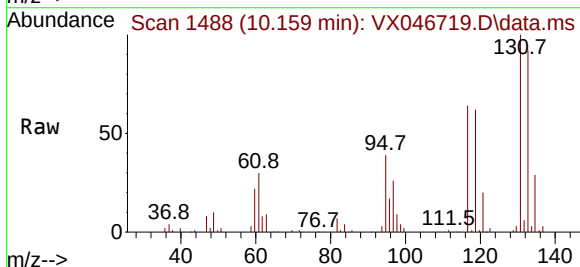
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

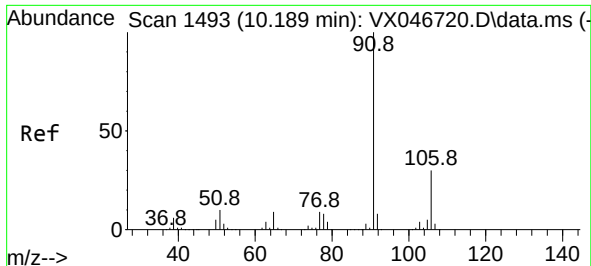
Tgt Ion:112 Resp: 90868
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.455 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:131 Resp: 31508
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 63.4 32.1 96.3





#67

Ethyl Benzene

Concen: 21.056 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

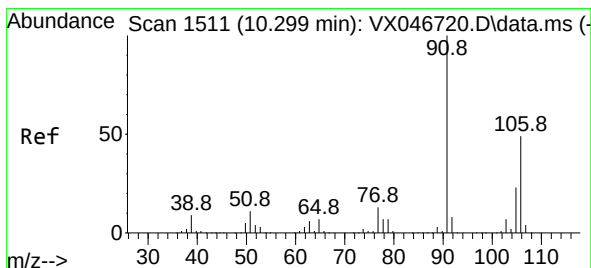
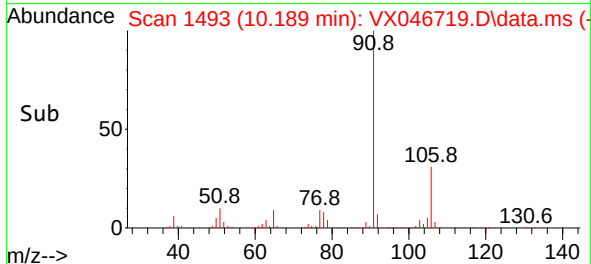
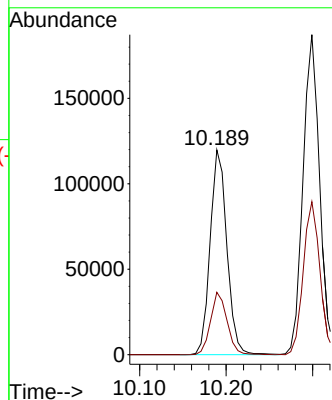
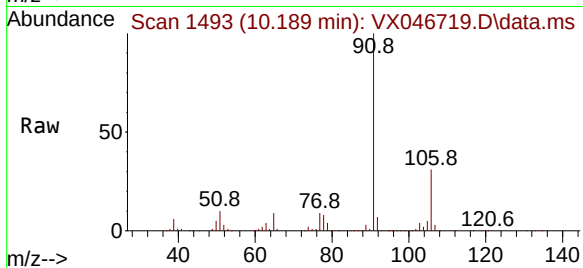
VSTDIC020

Tgt Ion: 91 Resp: 160761

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 42.539 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046719.D

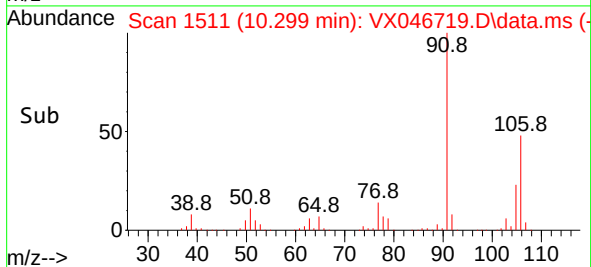
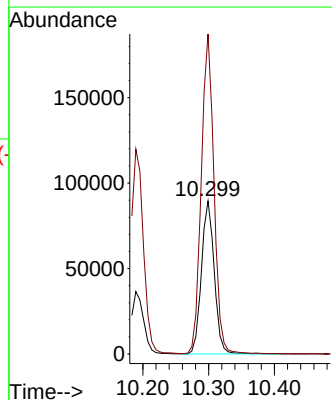
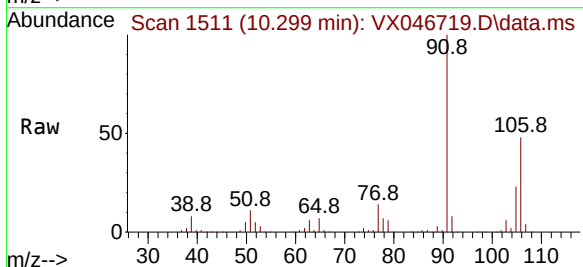
Acq: 17 Jun 2025 13:59

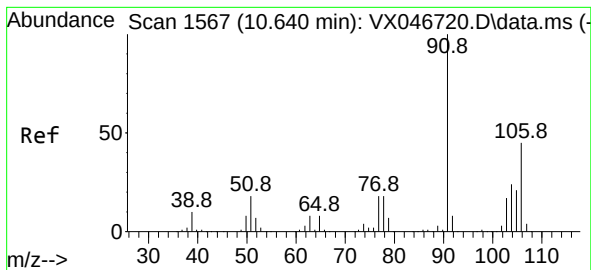
Tgt Ion: 106 Resp: 121014

Ion Ratio Lower Upper

106 100

91 207.7 164.8 247.2





#69

o-Xylene

Concen: 21.638 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

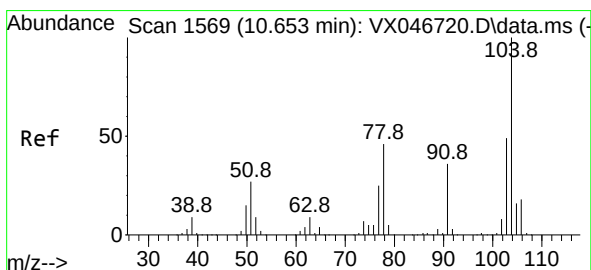
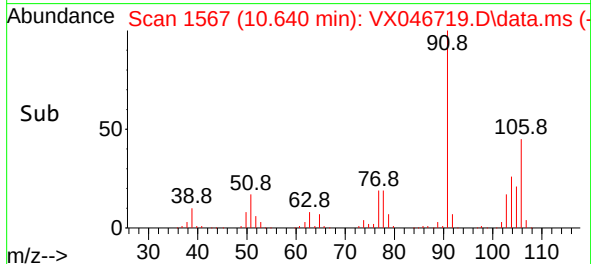
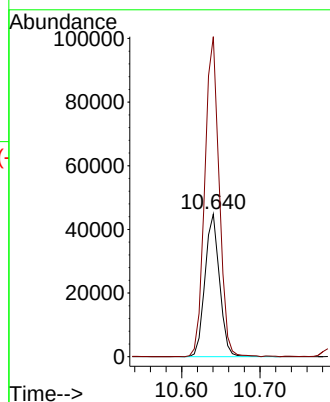
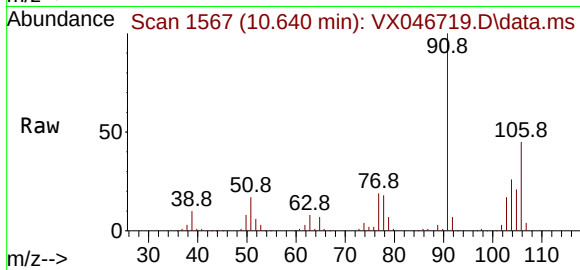
VSTDIC020

Tgt Ion:106 Resp: 57689

Ion Ratio Lower Upper

106 100

91 222.2 111.3 333.9



#70

Styrene

Concen: 21.318 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

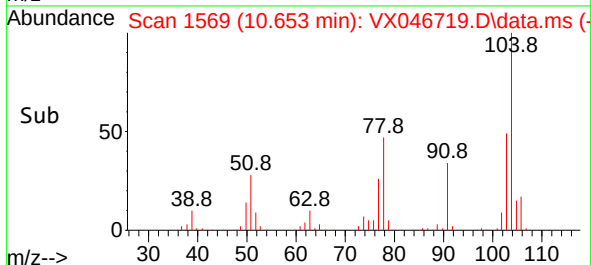
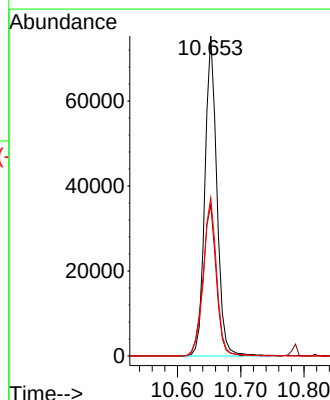
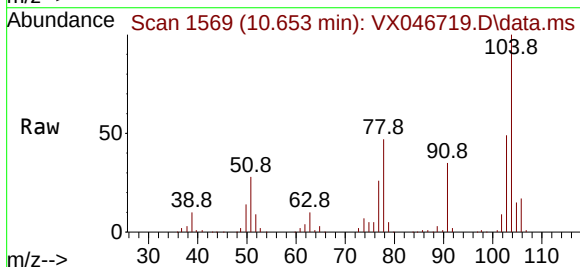
Tgt Ion:104 Resp: 99462

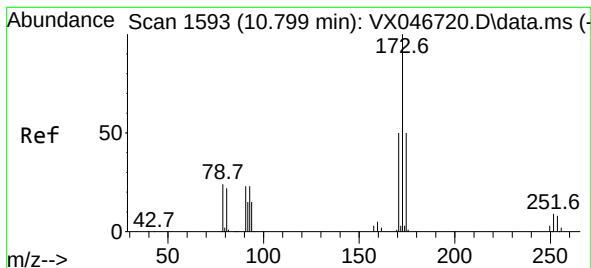
Ion Ratio Lower Upper

104 100

78 52.6 41.4 62.2

103 54.4 43.1 64.7





#71

Bromoform

Concen: 20.898 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

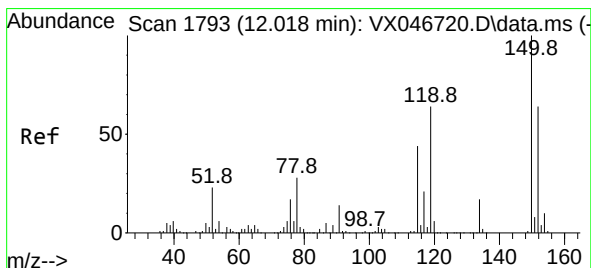
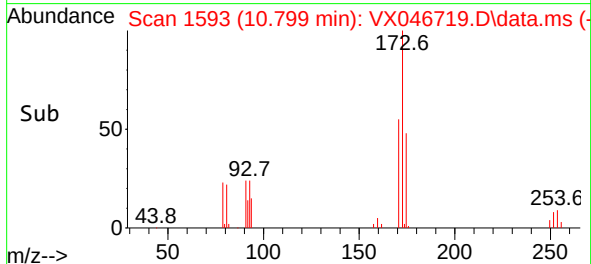
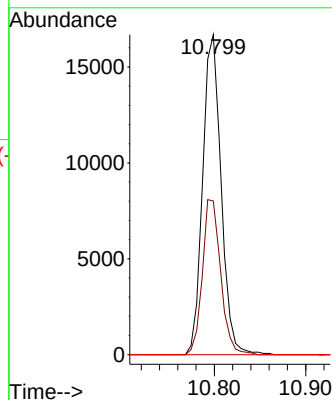
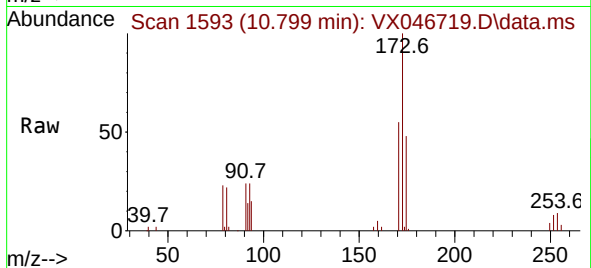
Tgt Ion:173 Resp: 23372

Ion Ratio Lower Upper

173 100

175 48.0 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: VX046719.D

Acq: 17 Jun 2025 13:59

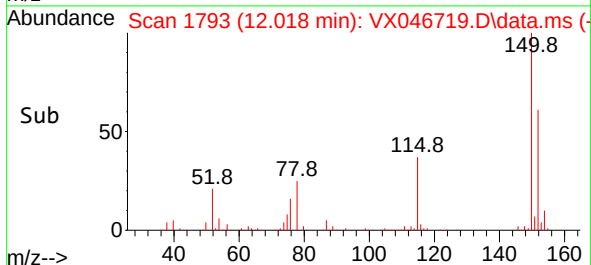
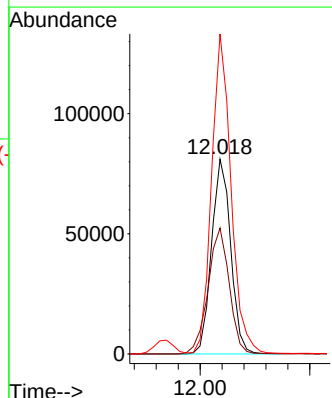
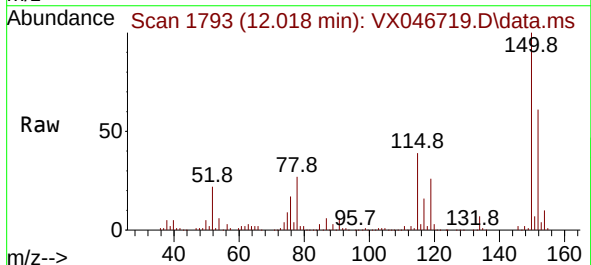
Tgt Ion:152 Resp: 98285

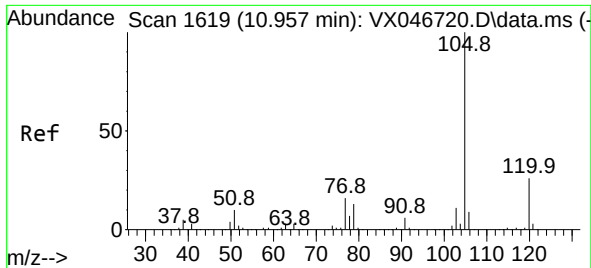
Ion Ratio Lower Upper

152 100

115 71.7 43.2 129.6

150 166.5 0.0 346.8

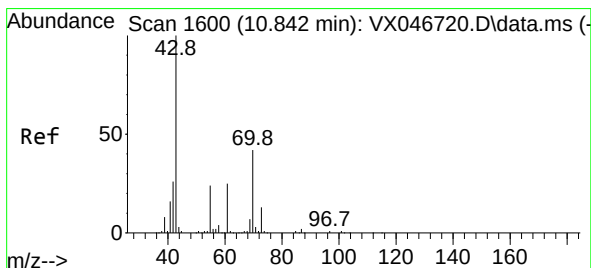
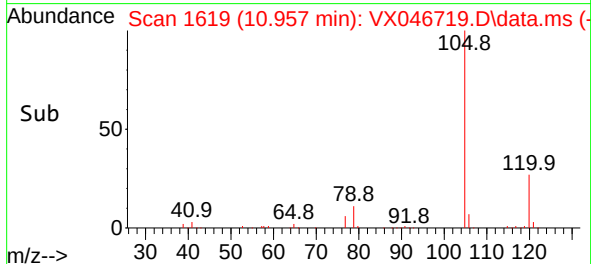
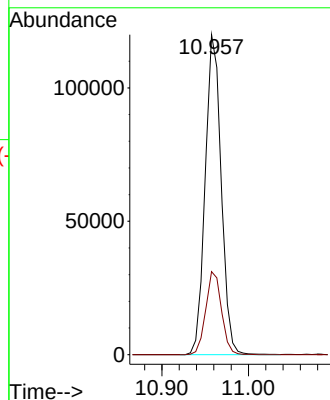
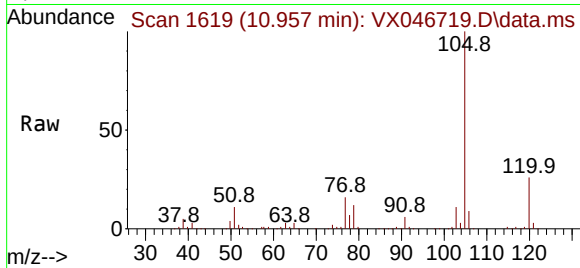




#73
Isopropylbenzene
Concen: 21.255 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

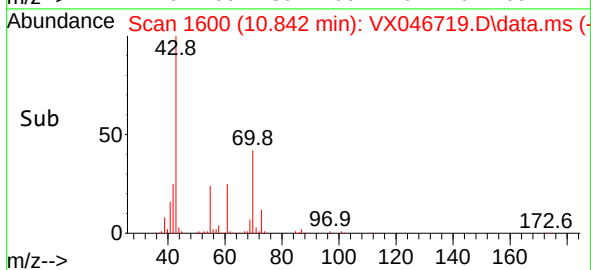
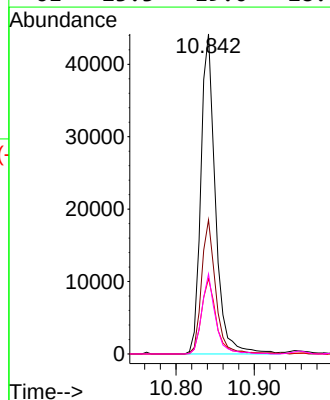
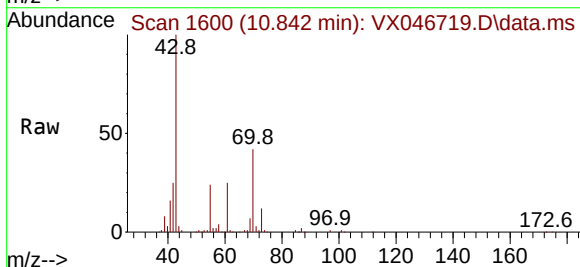
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

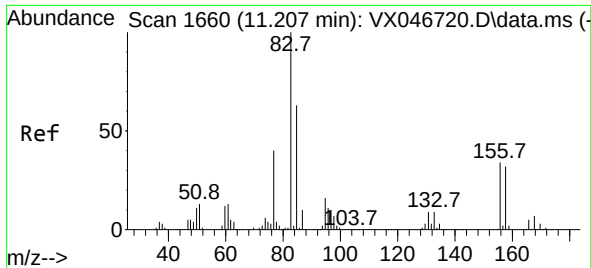
Tgt Ion:105 Resp: 153861
Ion Ratio Lower Upper
105 100
120 25.6 13.0 39.0



#74
N-ethyl acetate
Concen: 20.851 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 43 Resp: 57185
Ion Ratio Lower Upper
43 100
70 40.3 33.4 50.0
55 23.9 19.1 28.7
61 23.3 19.0 28.4

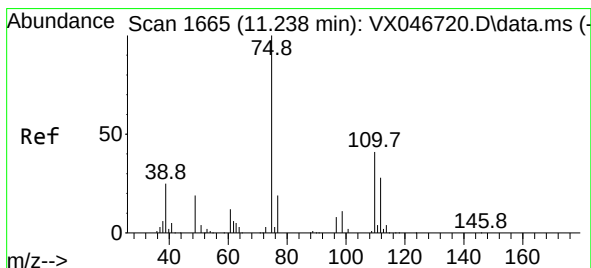
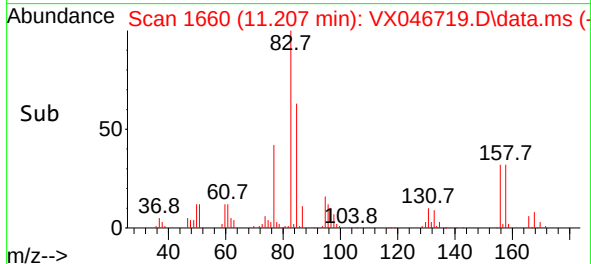
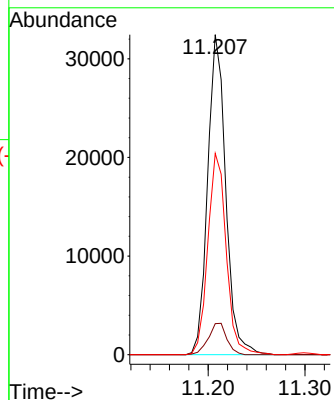
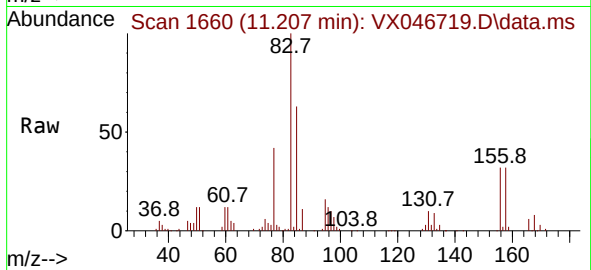




#75
1,1,2,2-Tetrachloroethane
Concen: 20.914 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

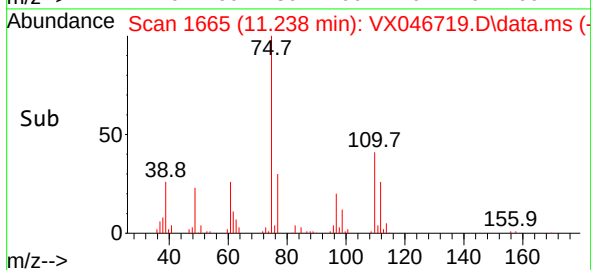
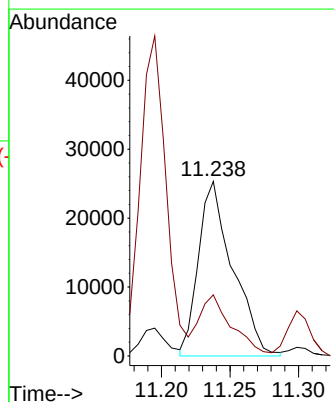
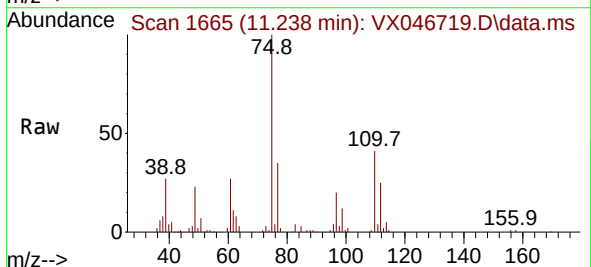
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

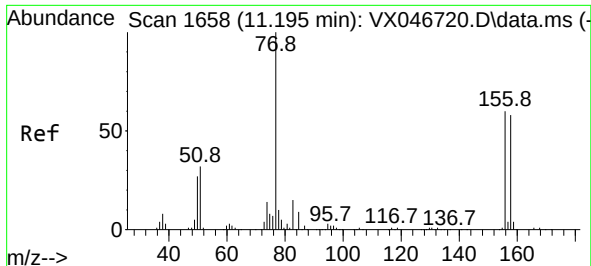
Tgt Ion: 83 Resp: 42272
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.117 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 44152
Ion Ratio Lower Upper
75 100
77 32.9 18.5 55.5

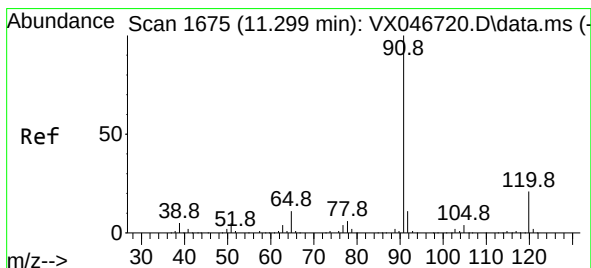
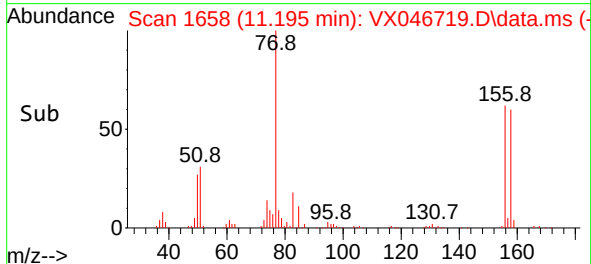
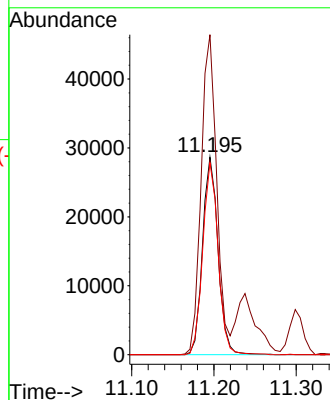
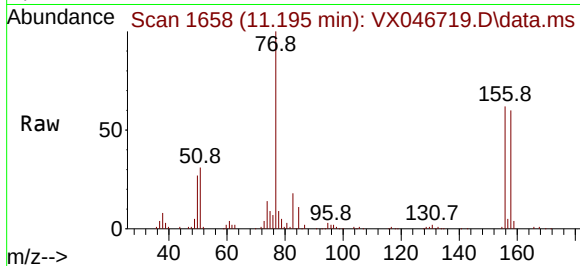




#77
Bromobenzene
Concen: 21.507 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

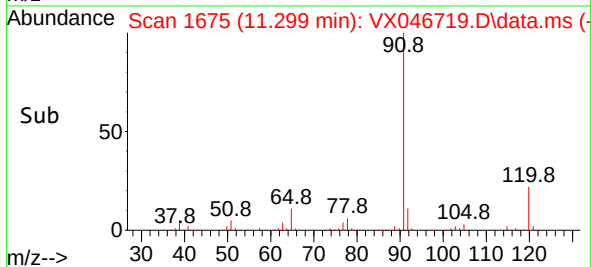
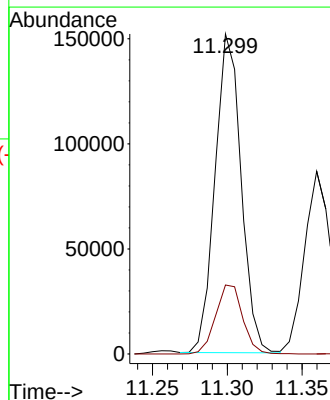
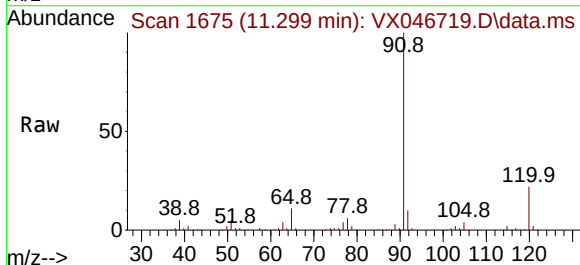
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

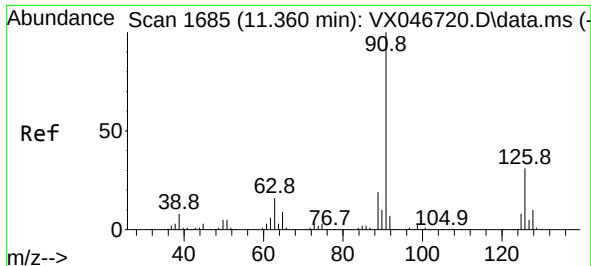
Tgt Ion:156 Resp: 37464
Ion Ratio Lower Upper
156 100
77 163.6 82.8 248.6
158 96.6 47.6 142.9



#78
n-propylbenzene
Concen: 21.410 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 184078
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1

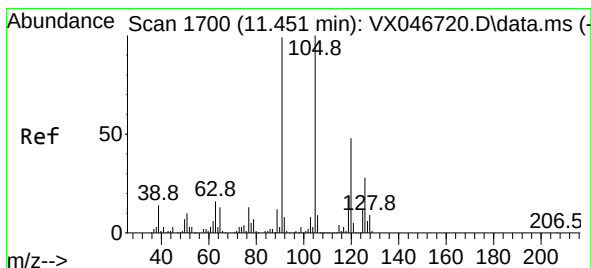
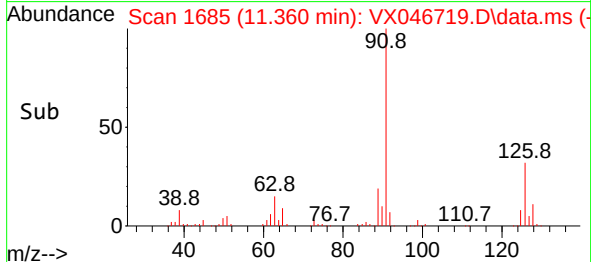
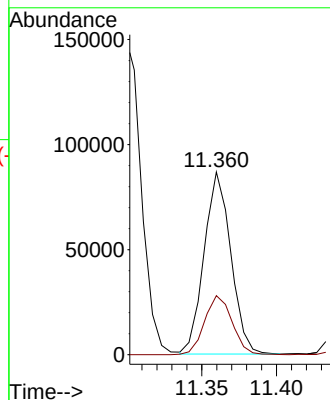
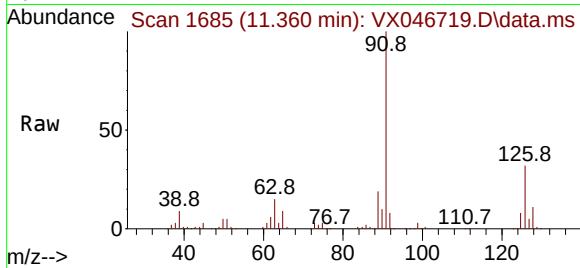




#79
2-Chlorotoluene
Concen: 20.952 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

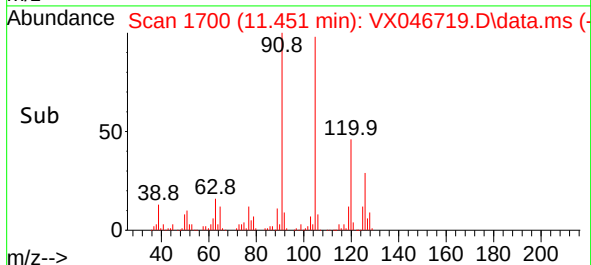
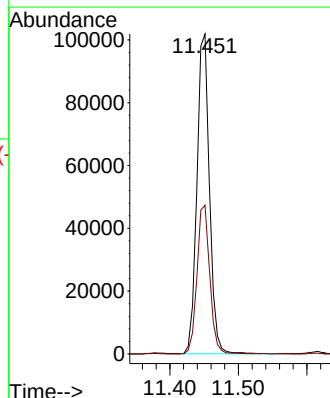
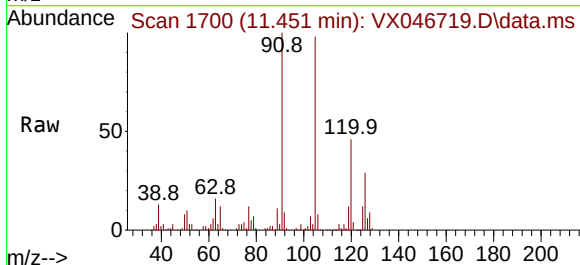
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

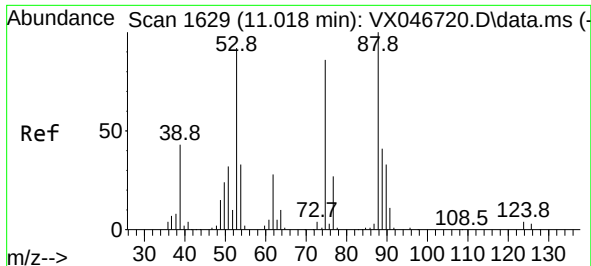
Tgt Ion: 91 Resp: 107552
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 21.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 105 Resp: 129635
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2

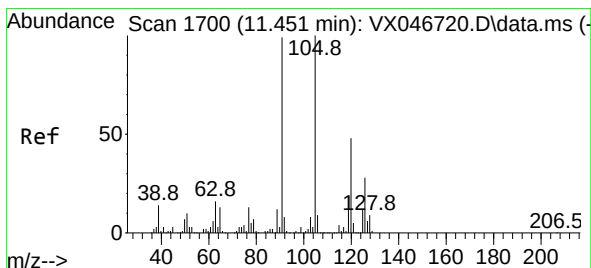
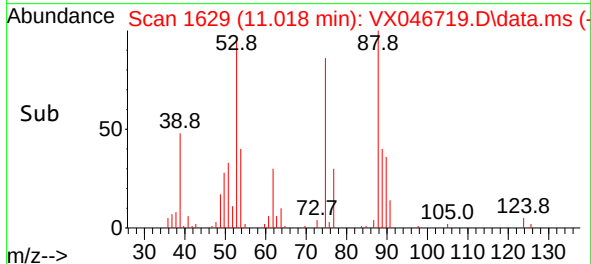
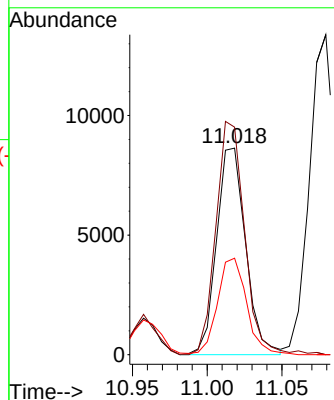
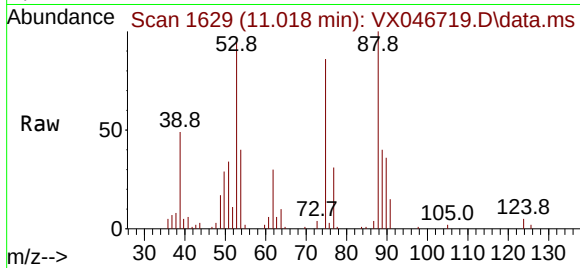




#81
trans-1,4-Dichloro-2-butene
Concen: 18.362 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

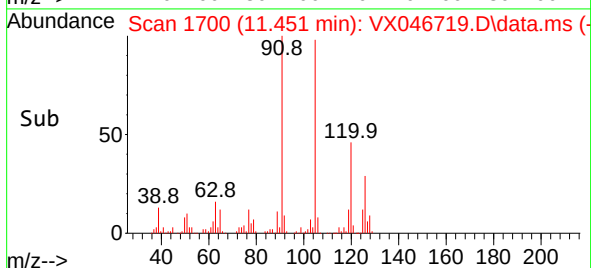
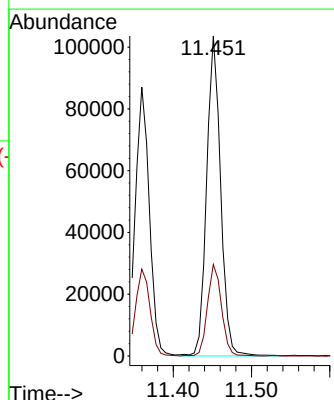
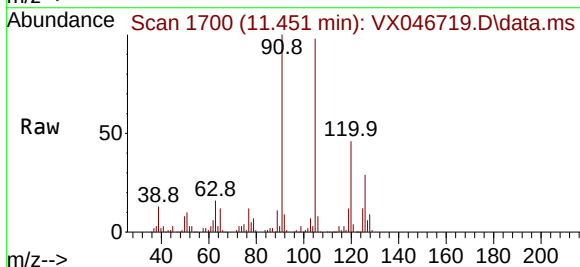
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

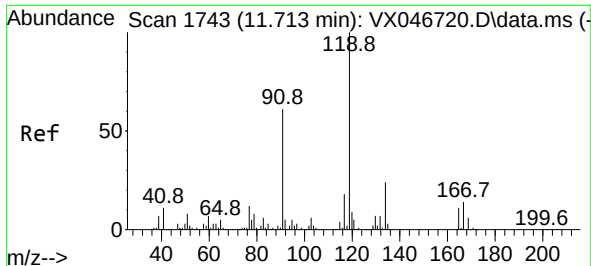
Tgt Ion: 75 Resp: 11694
Ion Ratio Lower Upper
75 100
53 111.5 86.8 130.2
89 46.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 21.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion: 91 Resp: 127954
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.2

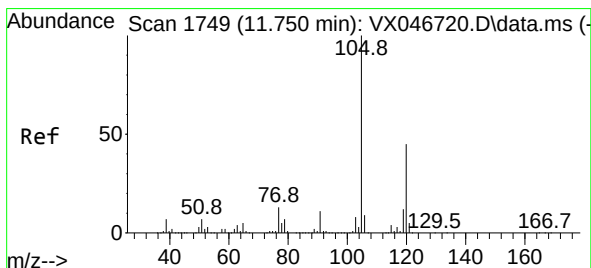
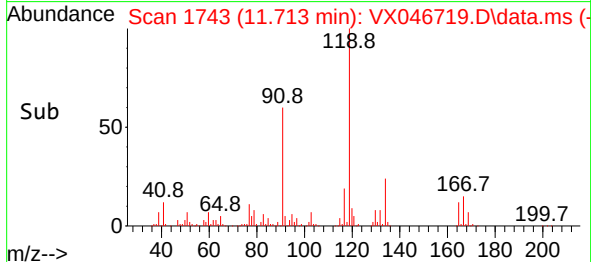
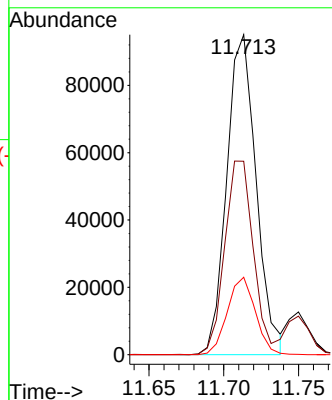
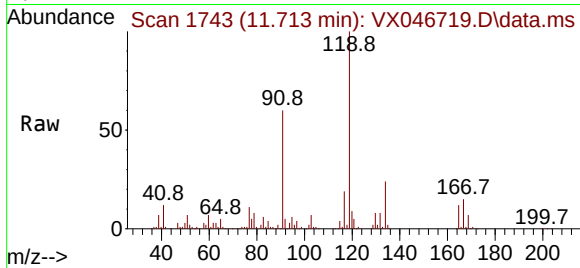




#83
tert-Butylbenzene
Concen: 21.201 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

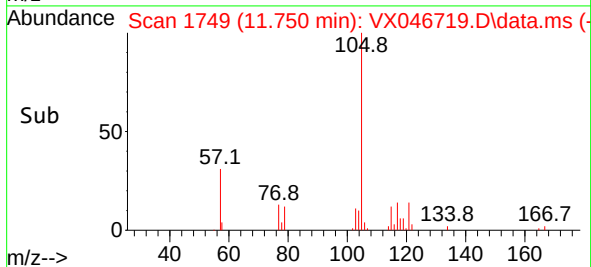
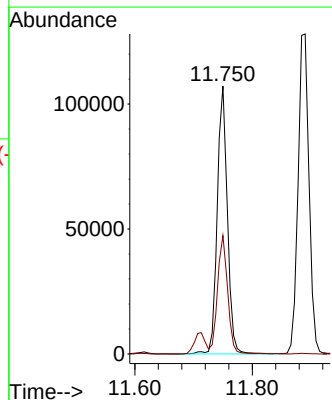
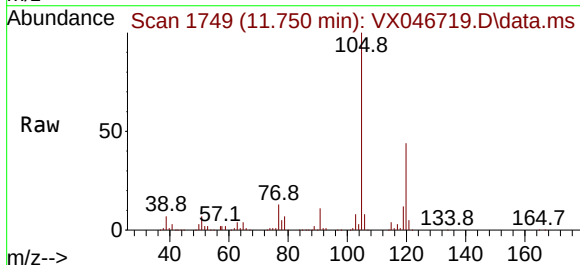
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

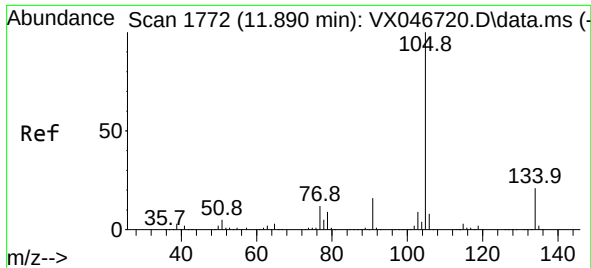
Tgt Ion:119 Resp: 130359
Ion Ratio Lower Upper
119 100
91 58.4 29.5 88.6
134 23.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 21.512 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:105 Resp: 128566
Ion Ratio Lower Upper
105 100
120 43.5 22.1 66.3

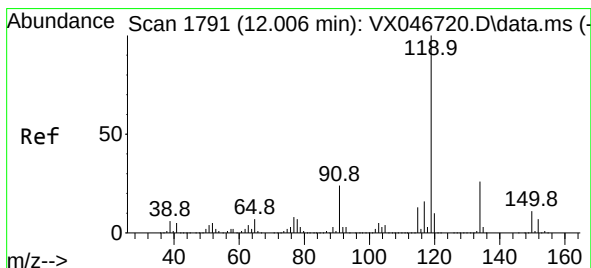
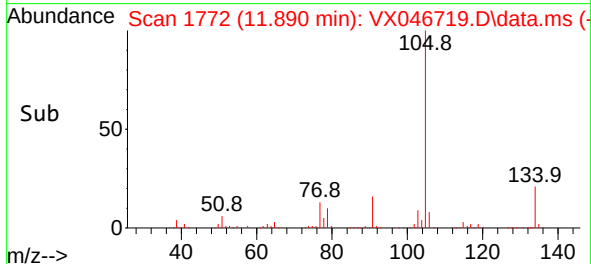
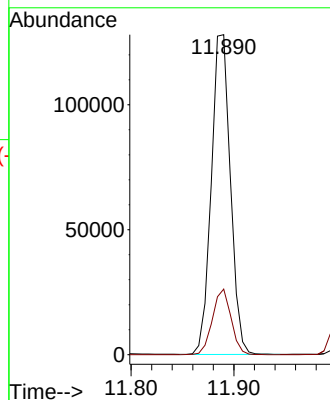
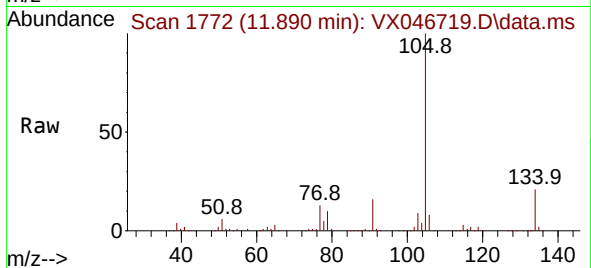




#85
 sec-Butylbenzene
 Concen: 21.239 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

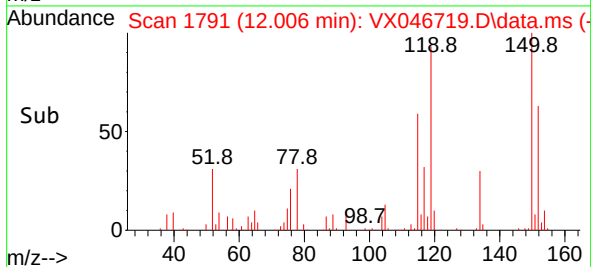
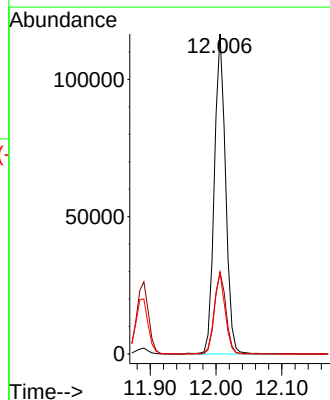
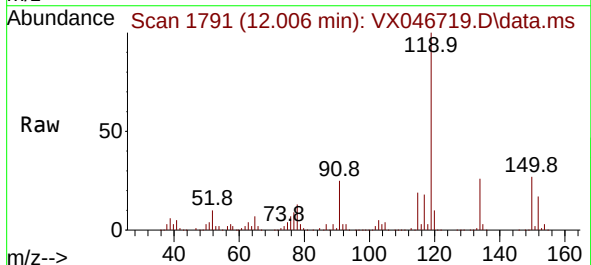
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

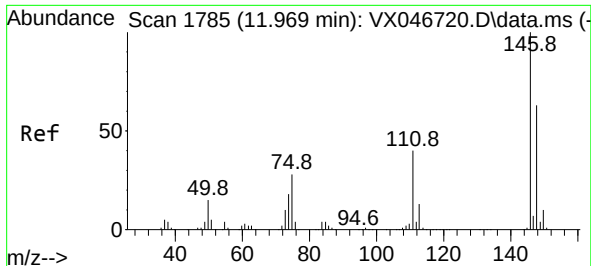
Tgt Ion:105 Resp: 165047
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 21.142 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion:119 Resp: 138623
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.8 12.3 36.9

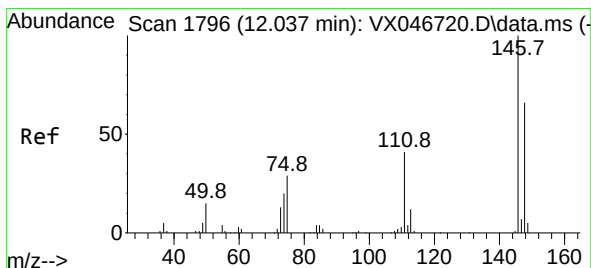
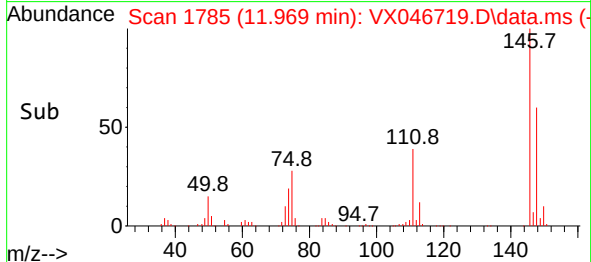
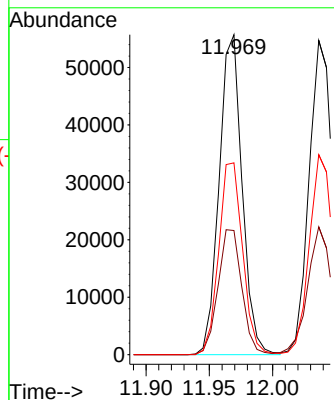
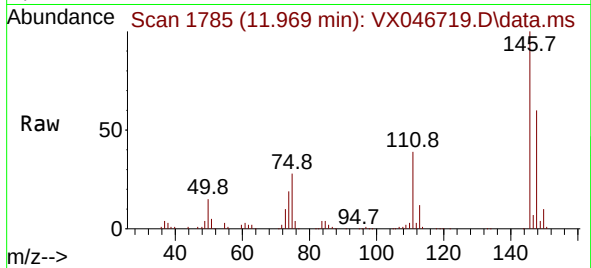




#87
1,3-Dichlorobenzene
Concen: 20.681 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

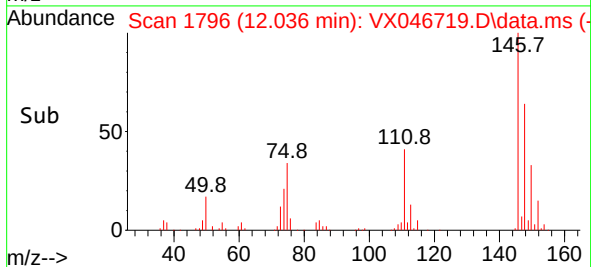
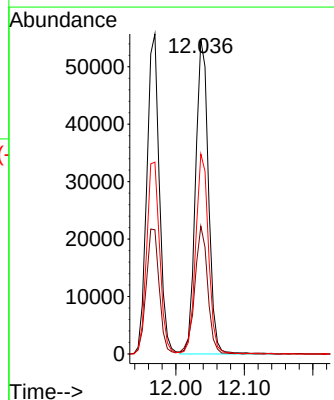
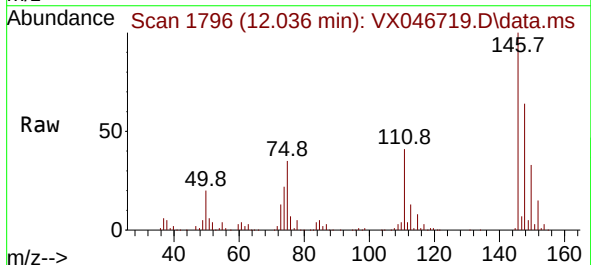
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

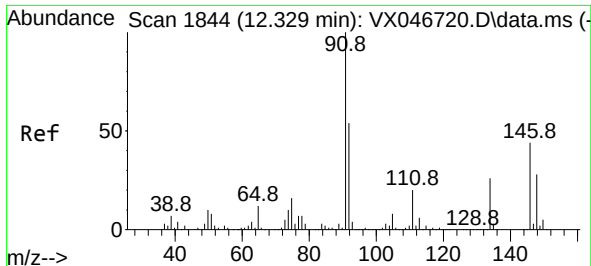
Tgt Ion:146 Resp: 70243
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 62.4 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 20.625 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:146 Resp: 71953
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 62.6 32.1 96.5





#89

n-Butylbenzene

Concen: 20.738 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

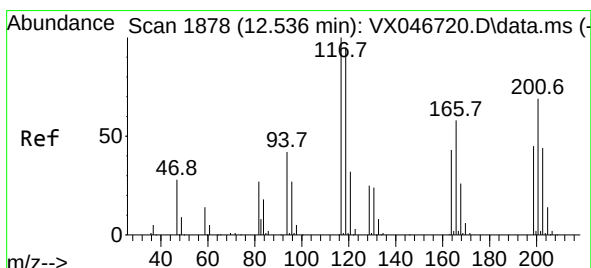
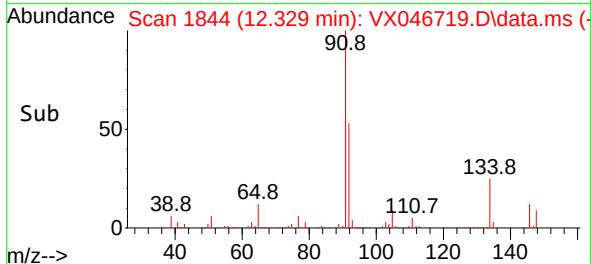
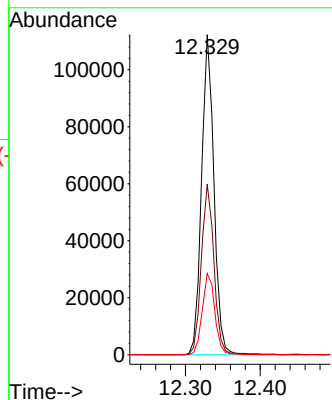
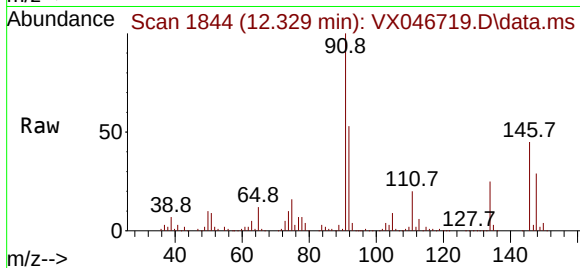
Tgt Ion: 91 Resp: 129101

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.3

134 25.8 12.9 38.6



#90

Hexachloroethane

Concen: 20.594 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046719.D

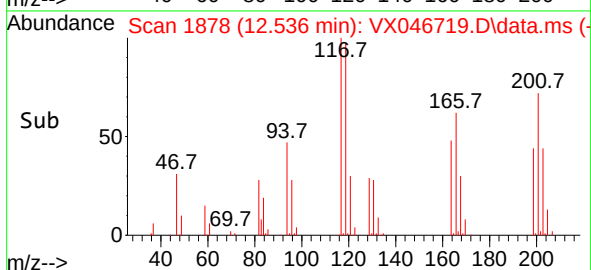
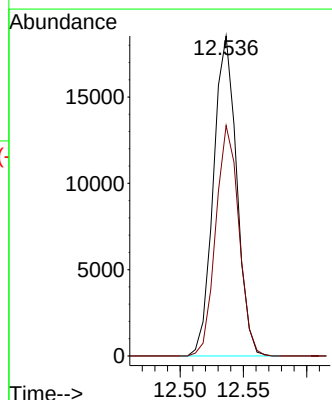
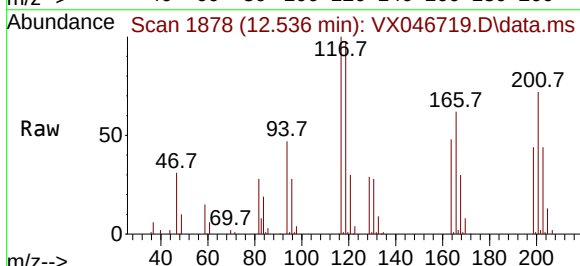
Acq: 17 Jun 2025 13:59

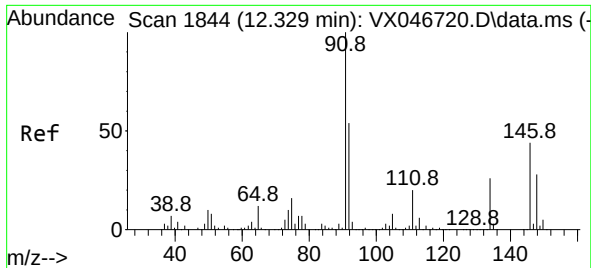
Tgt Ion: 117 Resp: 23645

Ion Ratio Lower Upper

117 100

201 71.6 34.4 103.3

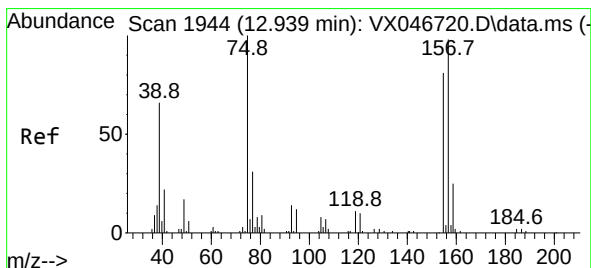
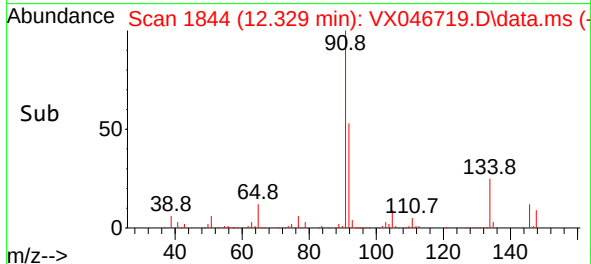
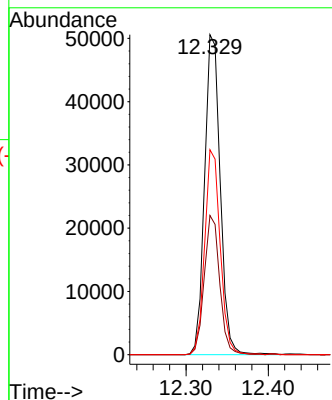
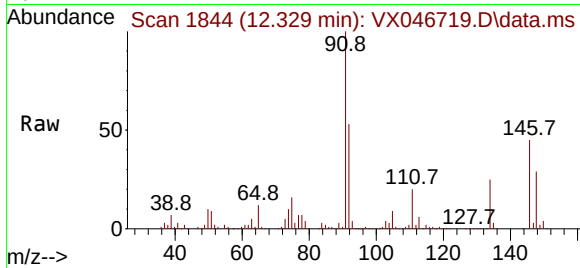




#91
 1,2-Dichlorobenzene
 Concen: 21.073 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

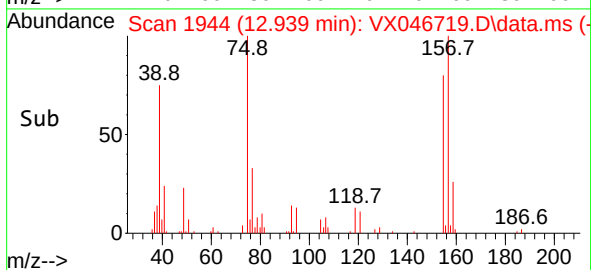
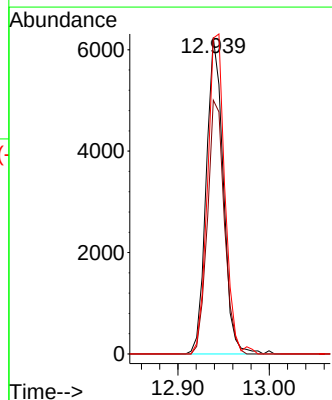
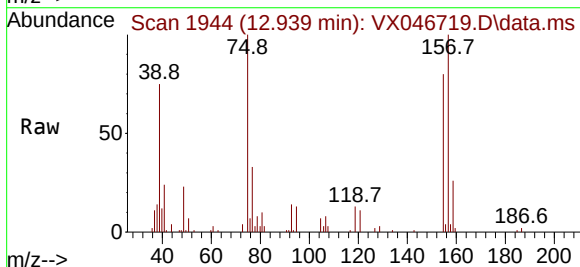
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

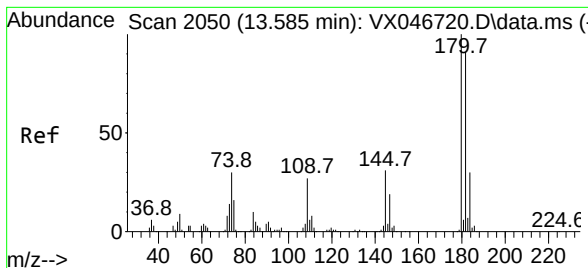
Tgt Ion:146 Resp: 66883
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 63.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.226 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX046719.D
 Acq: 17 Jun 2025 13:59

Tgt Ion: 75 Resp: 8071
 Ion Ratio Lower Upper
 75 100
 155 79.6 41.9 125.7
 157 102.7 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 19.821 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

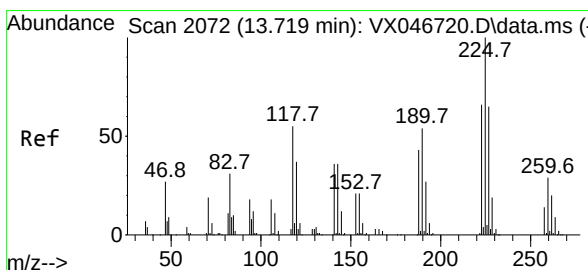
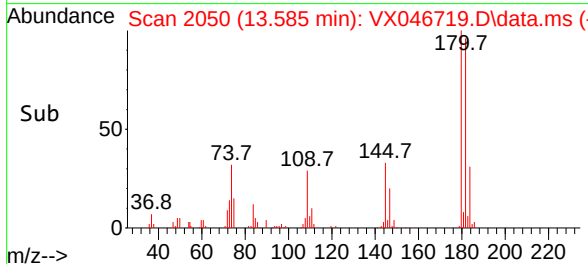
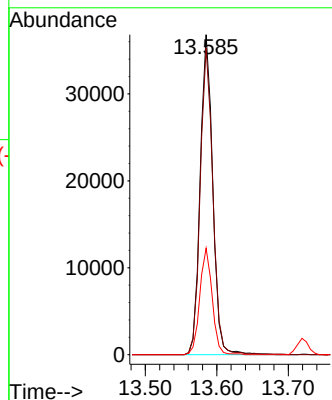
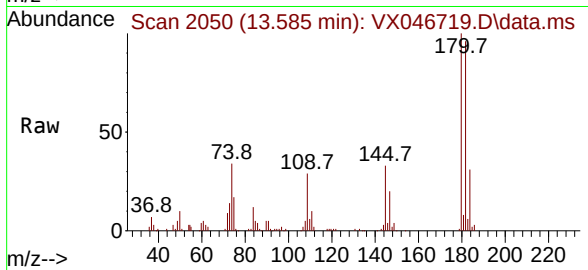
Tgt Ion:180 Resp: 44726

Ion Ratio Lower Upper

180 100

182 96.1 46.7 140.1

145 32.8 15.8 47.4



#94

Hexachlorobutadiene

Concen: 20.752 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046719.D

Acq: 17 Jun 2025 13:59

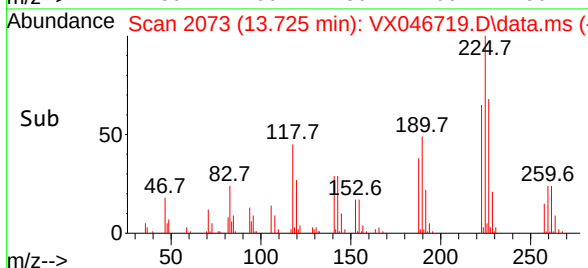
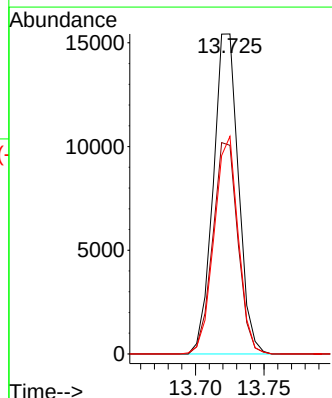
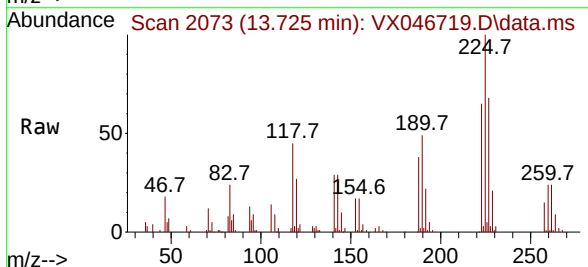
Tgt Ion:225 Resp: 19698

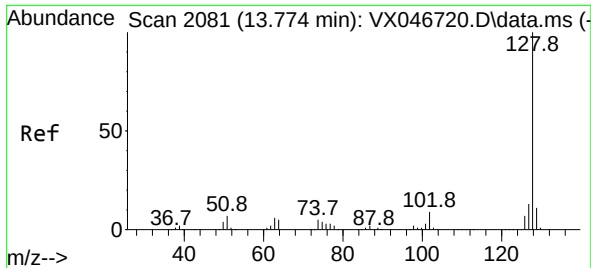
Ion Ratio Lower Upper

225 100

223 66.0 32.5 97.5

227 65.3 32.2 96.6

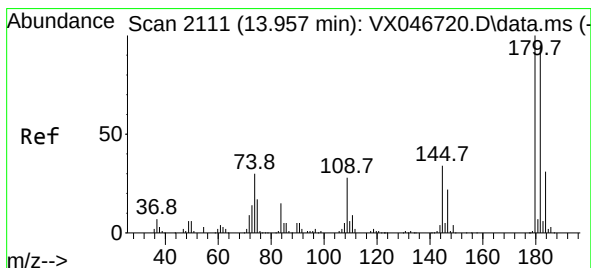
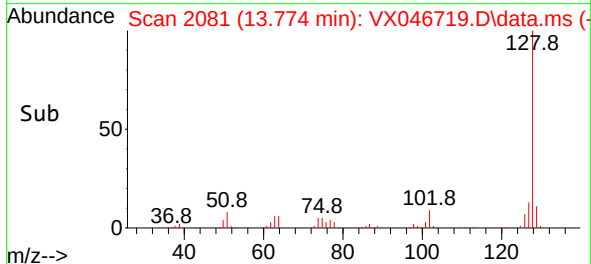
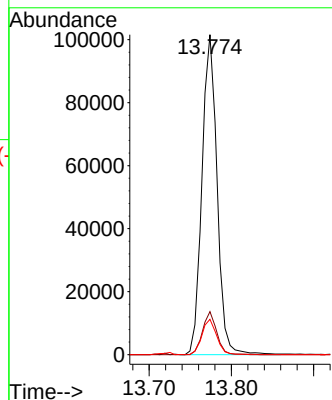
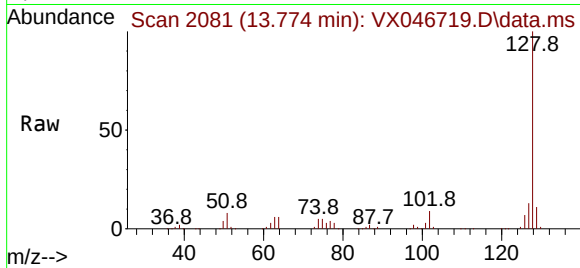




#95
Naphthalene
Concen: 20.186 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	129768
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.558 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046719.D
Acq: 17 Jun 2025 13:59

Tgt Ion:	180	Resp:	44380
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.4
145	34.4	17.3	51.9

