

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046721.D
 Acq On : 17 Jun 2025 14:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 02:40:16 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	110482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160514	105.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 210.080%#	
35) Dibromofluoromethane	5.391	113	129932	107.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 214.280%#	
50) Toluene-d8	8.647	98	458174	105.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 210.300%#	
62) 4-Bromofluorobenzene	11.079	95	170795	105.156	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 210.320%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	138589	117.494	ug/l	99
3) Chloromethane	1.307	50	141568	111.195	ug/l	99
4) Vinyl Chloride	1.386	62	151879	111.868	ug/l	97
5) Bromomethane	1.611	94	75361	98.660	ug/l	94
6) Chloroethane	1.697	64	89532	108.805	ug/l	96
7) Trichlorofluoromethane	1.898	101	227688	110.449	ug/l	98
8) Diethyl Ether	2.148	74	77791	109.956	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	137759	108.929	ug/l	99
10) Methyl Iodide	2.465	142	174182	104.824	ug/l	99
11) Tert butyl alcohol	2.965	59	78366	571.345	ug/l	99
12) 1,1-Dichloroethene	2.331	96	134660	110.347	ug/l	98
13) Acrolein	2.246	56	108796	544.566	ug/l	99
14) Allyl chloride	2.678	41	243477	110.119	ug/l	100
15) Acrylonitrile	3.075	53	344981	559.348	ug/l	100
16) Acetone	2.386	43	263024	516.133	ug/l	99
17) Carbon Disulfide	2.526	76	383348	104.026	ug/l	98
18) Methyl Acetate	2.709	43	143551	110.909	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	419445	110.387	ug/l	98
20) Methylene Chloride	2.800	84	147144	103.828	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	140792	107.824	ug/l	97
22) Diisopropyl ether	3.770	45	466831	109.846	ug/l	98
23) Vinyl Acetate	3.733	43	1930136	571.126	ug/l	99
24) 1,1-Dichloroethane	3.623	63	258546	107.149	ug/l	98
25) 2-Butanone	4.562	43	409960	568.810	ug/l	99
26) 2,2-Dichloropropane	4.489	77	194006	110.239	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	163672	106.691	ug/l	99
28) Bromochloromethane	4.910	49	114720	104.869	ug/l	99
29) Tetrahydrofuran	5.013	42	265233	569.746	ug/l	100
30) Chloroform	5.105	83	260888	108.113	ug/l	96
31) Cyclohexane	5.477	56	237424	103.757	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	231101	109.198	ug/l	99
36) 1,1-Dichloropropene	5.702	75	183355	104.733	ug/l	98
37) Ethyl Acetate	4.721	43	171444	106.094	ug/l	97
38) Carbon Tetrachloride	5.690	117	200914	105.749	ug/l	98
39) Methylcyclohexane	7.385	83	246277	106.902	ug/l	99
40) Benzene	6.044	78	553336	106.798	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	97782	113.502	ug/l	97
42) 1,2-Dichloroethane	6.092	62	193498	106.278	ug/l	99
43) Isopropyl Acetate	6.342	43	291467	115.264	ug/l	100
44) Trichloroethene	7.129	130	142659	108.043	ug/l	96
45) 1,2-Dichloropropane	7.434	63	137291	106.920	ug/l	96
46) Dibromomethane	7.586	93	98964	107.240	ug/l	99
47) Bromodichloromethane	7.824	83	205870	109.319	ug/l	100
48) Methyl methacrylate	7.696	41	150002	118.279	ug/l	99
49) 1,4-Dioxane	7.659	88	38203	2040.447	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	843944	559.584	ug/l	100
52) Toluene	8.720	92	339735	105.772	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	203470	116.448	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	221241	111.537	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	127195	106.264	ug/l	99
56) Ethyl methacrylate	9.116	69	205153	116.106	ug/l	100
57) 1,3-Dichloropropane	9.305	76	220021	106.740	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	541734	590.219	ug/l	100
59) 2-Hexanone	9.427	43	587221	563.200	ug/l	100
60) Dibromochloromethane	9.519	129	153731	108.983	ug/l	99
61) 1,2-Dibromoethane	9.610	107	133253	109.444	ug/l	99
64) Tetrachloroethene	9.275	164	115774	103.876	ug/l	98
65) Chlorobenzene	10.079	112	374913	105.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	131134	109.876	ug/l	99
67) Ethyl Benzene	10.189	91	663369	106.914	ug/l	100
68) m/p-Xylenes	10.299	106	492448	213.003	ug/l	100
69) o-Xylene	10.640	106	237631	109.675	ug/l	99
70) Styrene	10.653	104	407566	107.488	ug/l	99
71) Bromoform	10.799	173	101329	111.485	ug/l #	99
73) Isopropylbenzene	10.957	105	628803	108.731	ug/l	100
74) N-amyl acetate	10.842	43	260620	118.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	176523	109.317	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	194835	122.161	ug/l	92
77) Bromobenzene	11.195	156	150110	107.864	ug/l	99
78) n-propylbenzene	11.299	91	743979	108.310	ug/l	100
79) 2-Chlorotoluene	11.360	91	434989	106.065	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	517286	108.848	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57608	113.225	ug/l	96
82) 4-Chlorotoluene	11.451	91	506852	105.896	ug/l	99
83) tert-Butylbenzene	11.713	119	533235	108.548	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	518524	108.598	ug/l	100
85) sec-Butylbenzene	11.890	105	670896	108.062	ug/l	99
86) p-Isopropyltoluene	12.006	119	561258	107.145	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	280540	103.388	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	280884	100.779	ug/l	99
89) n-Butylbenzene	12.329	91	536268	107.822	ug/l	100
90) Hexachloroethane	12.536	117	101647	110.811	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	267432	105.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36858	115.616	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	196715	109.119	ug/l	99
94) Hexachlorobutadiene	13.725	225	80407	106.029	ug/l	98
95) Naphthalene	13.774	128	587914	114.468	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	189473	109.861	ug/l	100

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Quant Title : SW846 8260
QLast Update : Wed Jun 18 02:34:13 2025
Response via : Initial Calibration

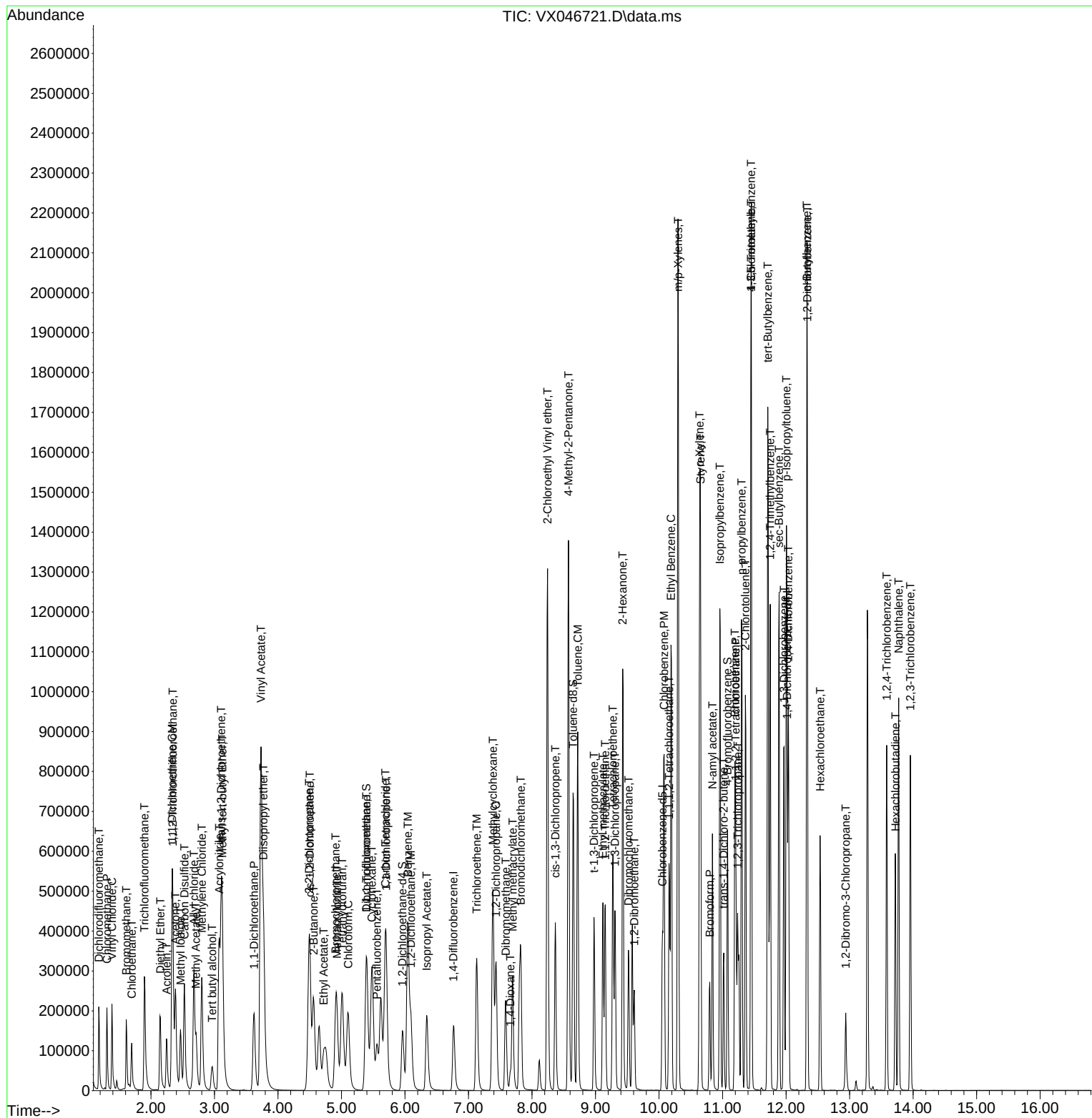
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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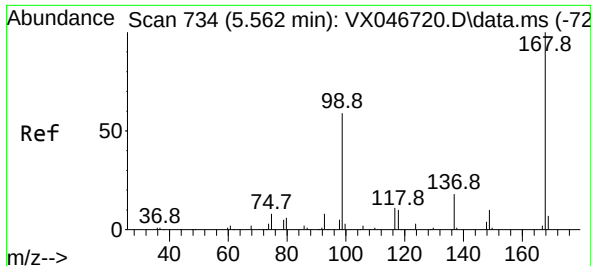
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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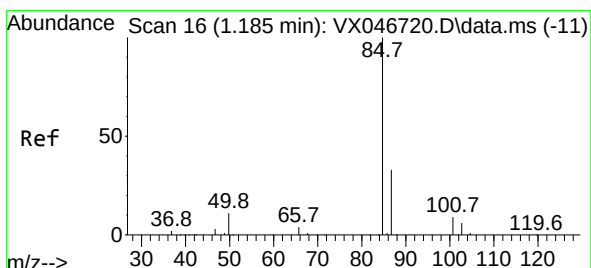
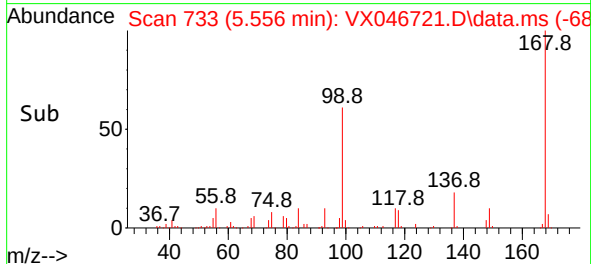
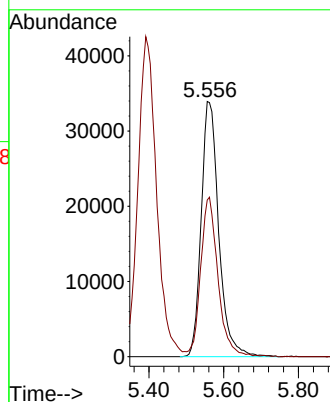
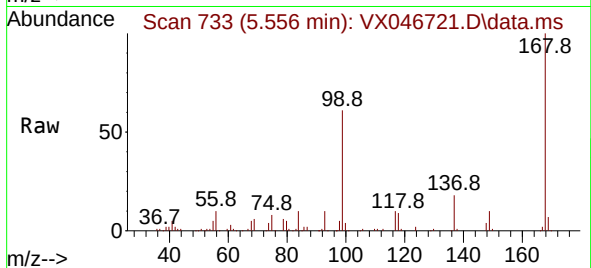




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046721.D
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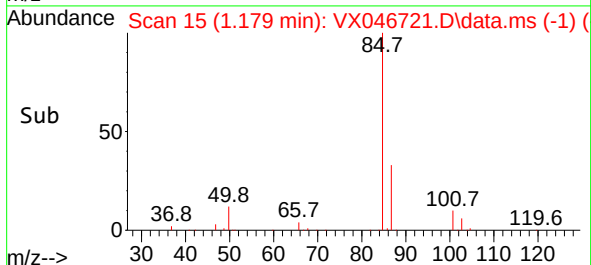
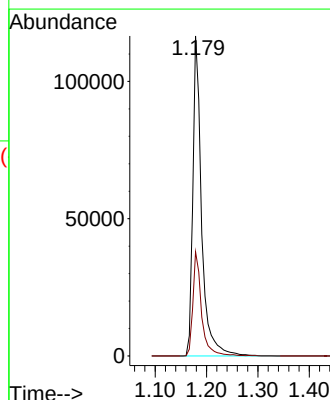
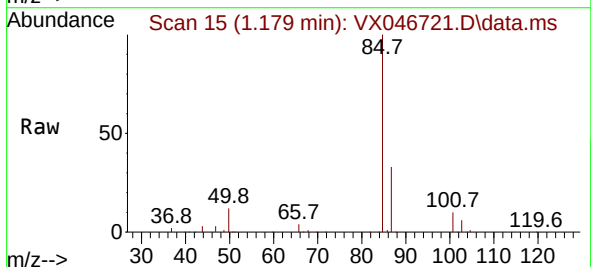
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

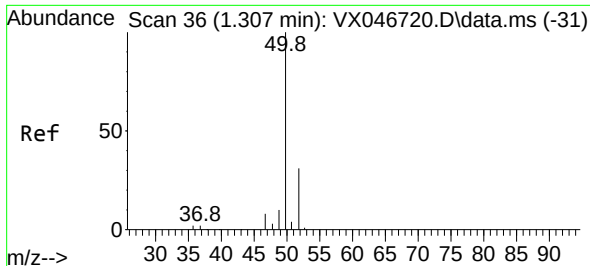
Tgt Ion:168 Resp: 110482
Ion Ratio Lower Upper
168 100
99 61.4 48.5 72.7



#2
Dichlorodifluoromethane
Concen: 117.494 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 85 Resp: 138589
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8

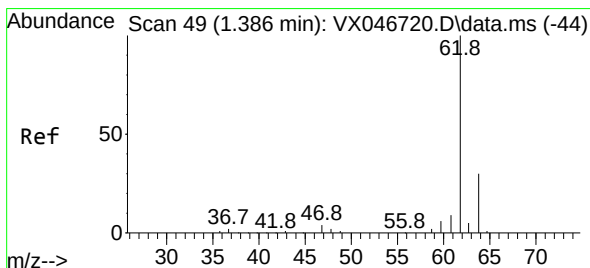
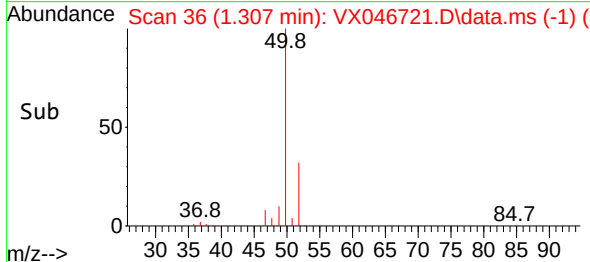
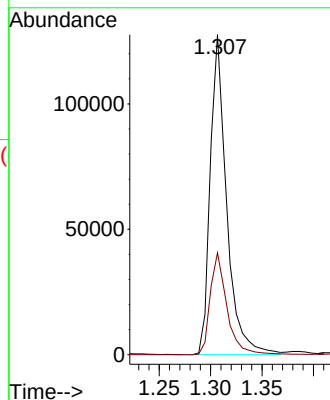
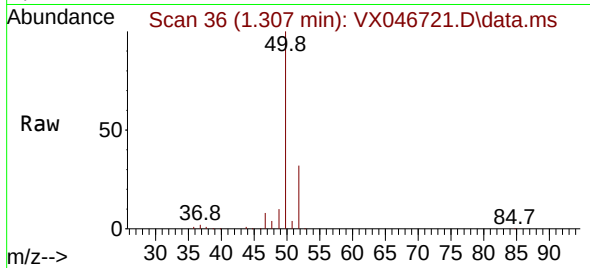




#3
Chloromethane
Concen: 111.195 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

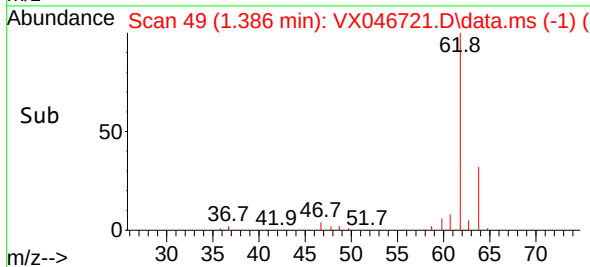
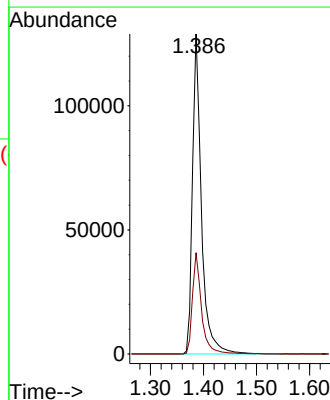
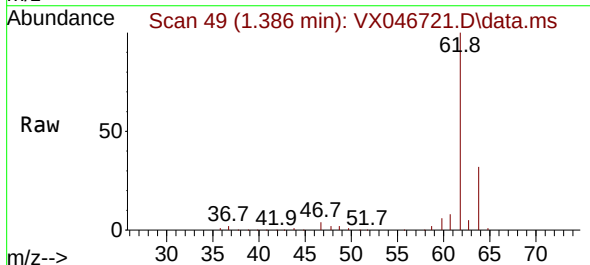
Instrument :
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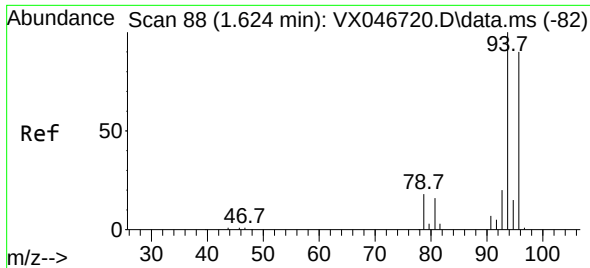
Tgt Ion: 50 Resp: 141568
Ion Ratio Lower Upper
50 100
52 31.8 24.9 37.3



#4
Vinyl Chloride
Concen: 111.868 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 62 Resp: 151879
Ion Ratio Lower Upper
62 100
64 31.7 23.9 35.9

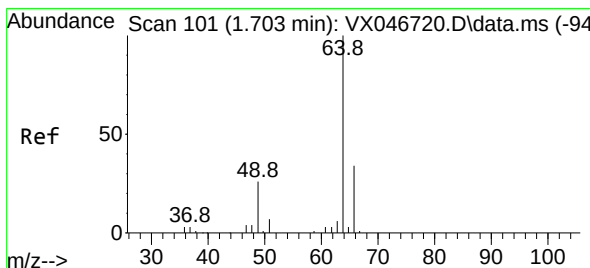
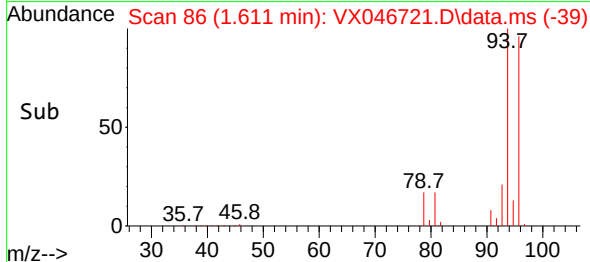
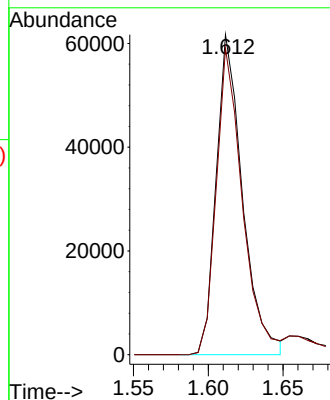
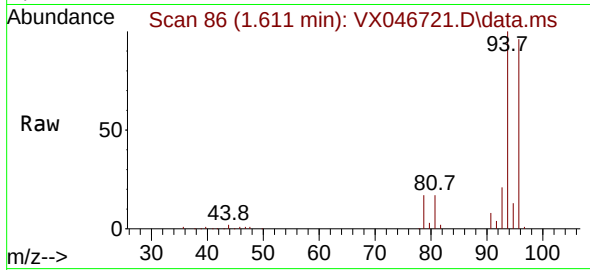




#5
Bromomethane
Concen: 98.660 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX046721.D
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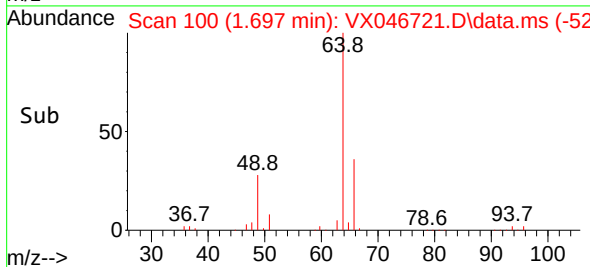
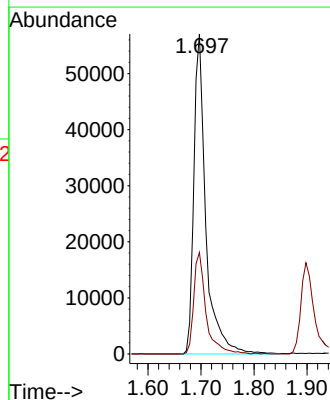
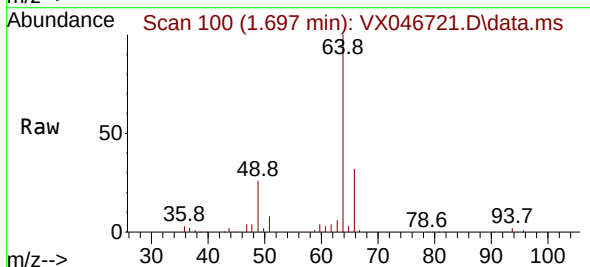
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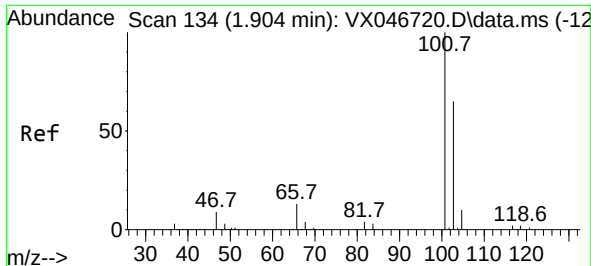
Tgt Ion: 94 Resp: 75361
Ion Ratio Lower Upper
94 100
96 95.8 72.3 108.5



#6
Chloroethane
Concen: 108.805 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 64 Resp: 89532
Ion Ratio Lower Upper
64 100
66 31.8 27.1 40.7

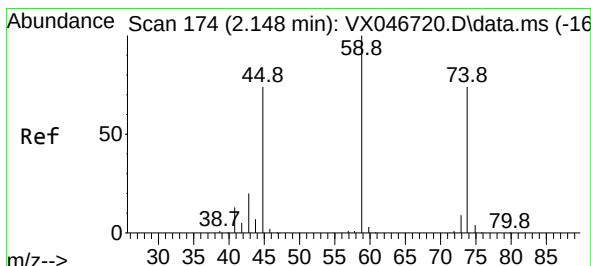
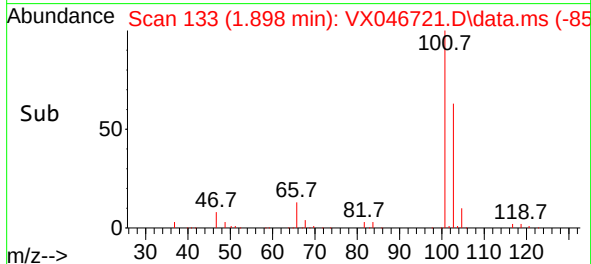
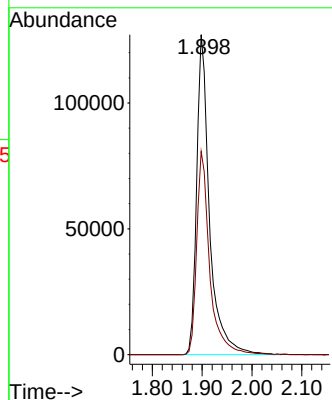
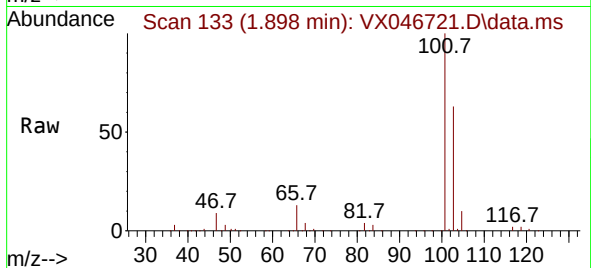




#7
Trichlorofluoromethane
Concen: 110.449 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046721.D
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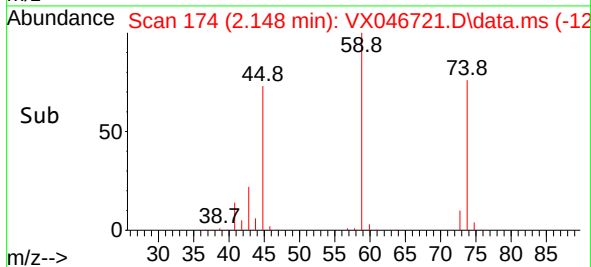
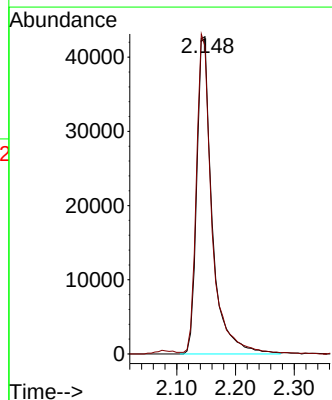
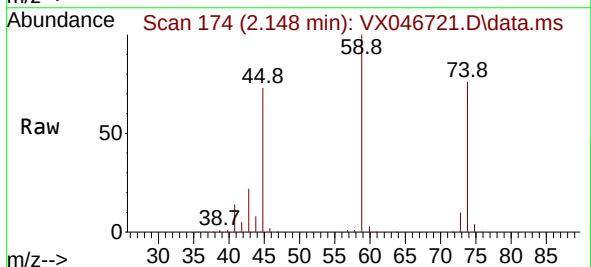
Instrument :
MSVOA_X
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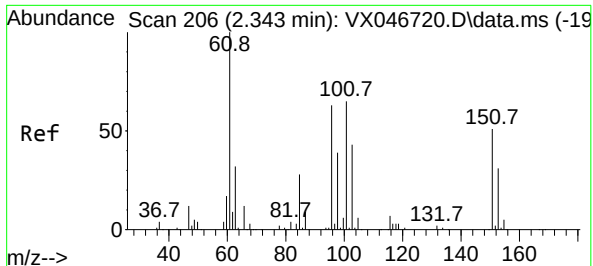
Tgt Ion:101 Resp: 227688
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.8



#8
Diethyl Ether
Concen: 109.956 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046721.D
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Tgt Ion: 74 Resp: 77791
Ion Ratio Lower Upper
74 100
45 100.7 52.3 157.1

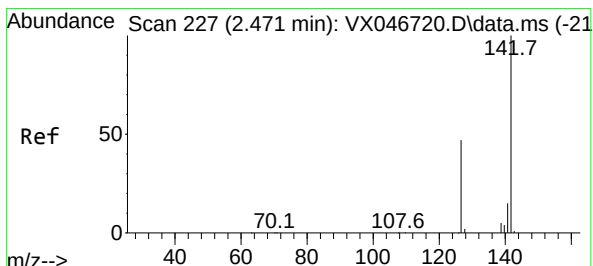
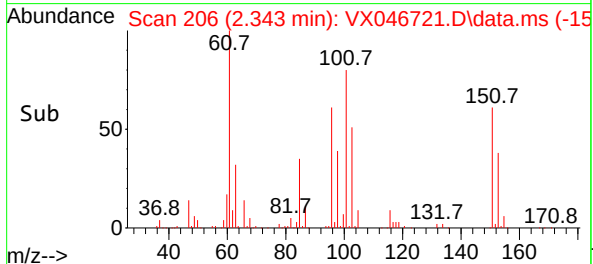
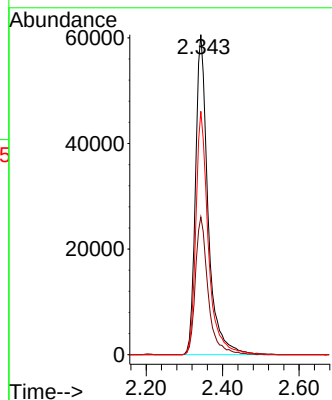
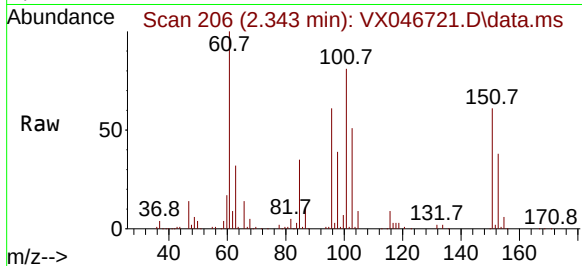




#9
1,1,2-Trichlorotrifluoroethane
Concen: 108.929 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

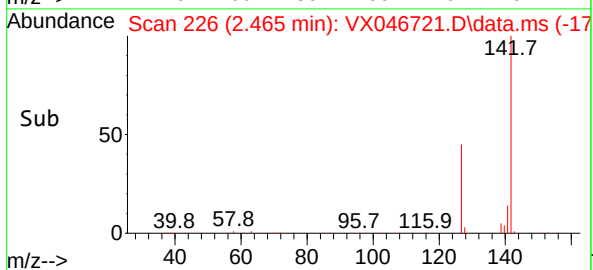
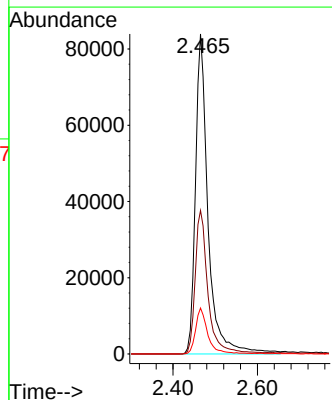
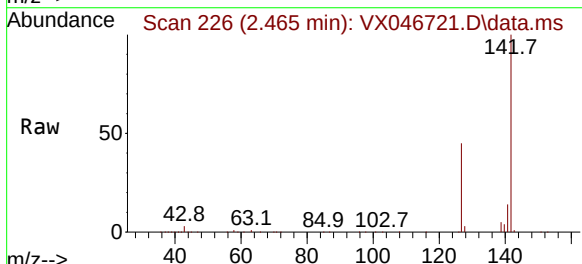
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

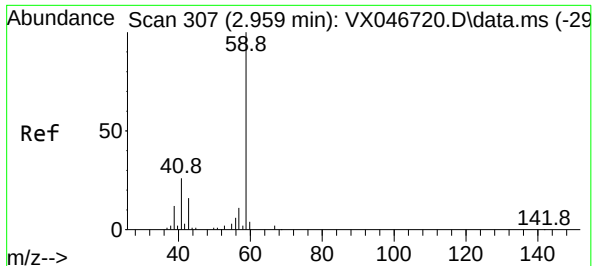
Tgt Ion:101 Resp: 137759
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.0
151 76.0 61.2 91.8



#10
Methyl Iodide
Concen: 104.824 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:142 Resp: 174182
Ion Ratio Lower Upper
142 100
127 45.7 37.0 55.6
141 14.0 11.5 17.3

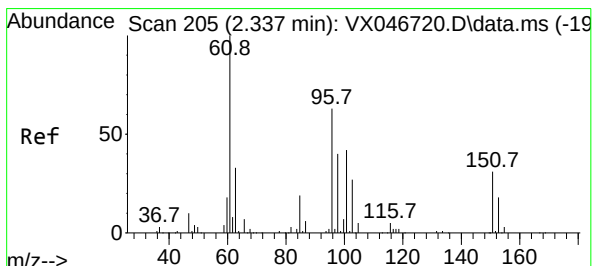
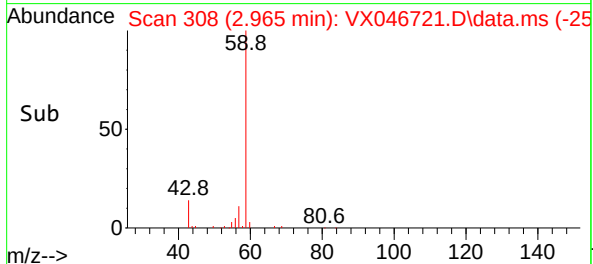
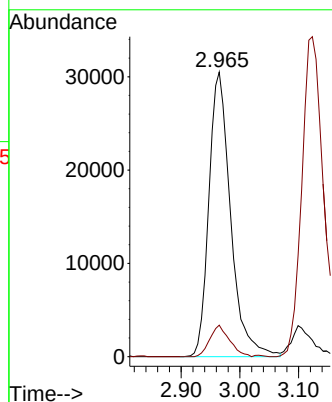
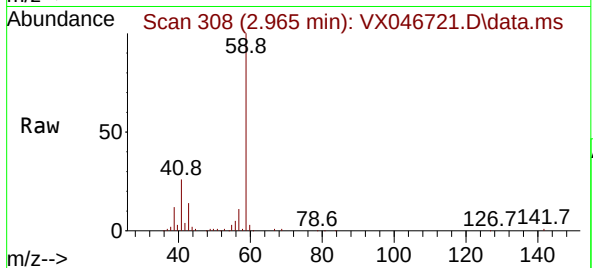




#11
Tert butyl alcohol
Concen: 571.345 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

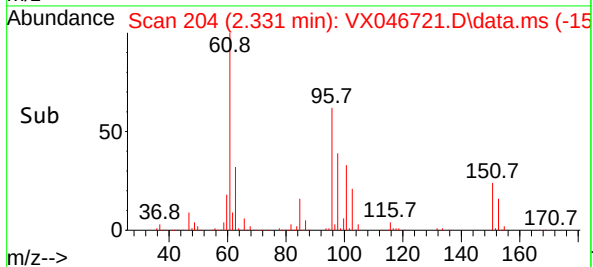
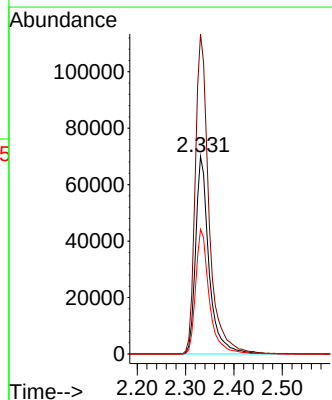
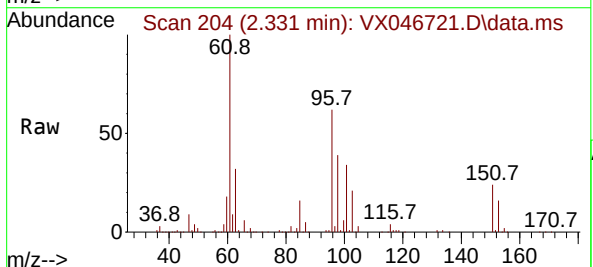
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

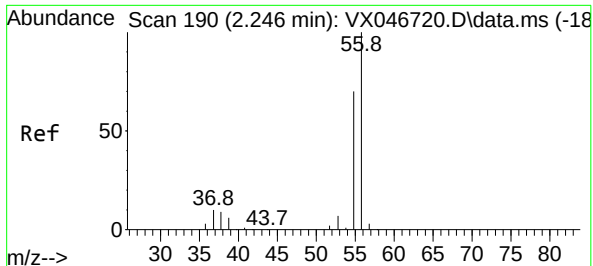
Tgt Ion: 59 Resp: 78366
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 110.347 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 96 Resp: 134660
Ion Ratio Lower Upper
96 100
61 161.9 126.6 189.8
98 63.0 50.7 76.1

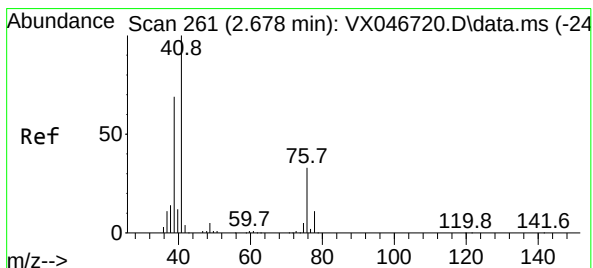
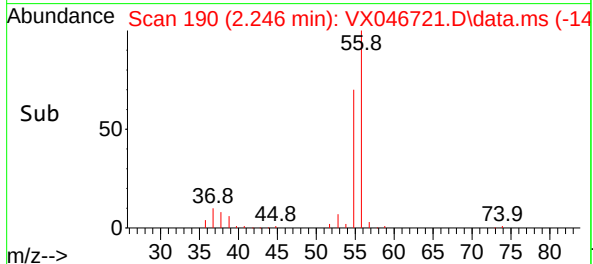
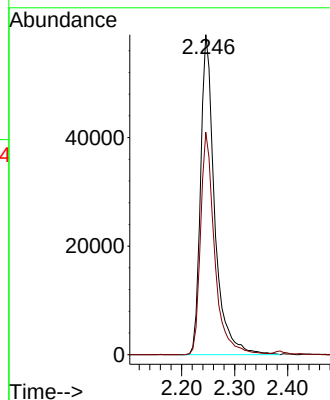
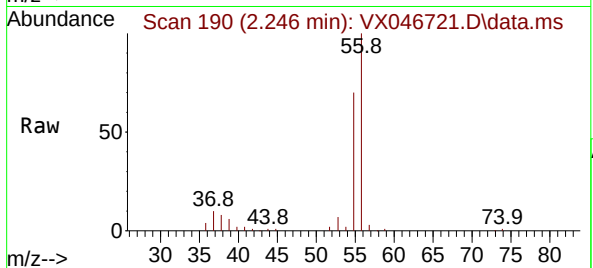




#13
Acrolein
Concen: 544.566 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

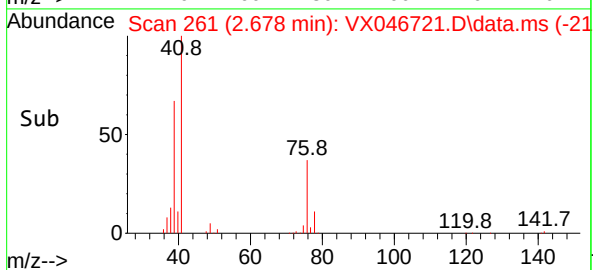
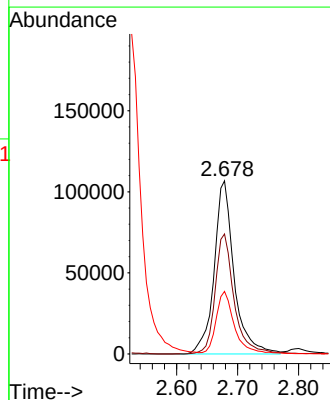
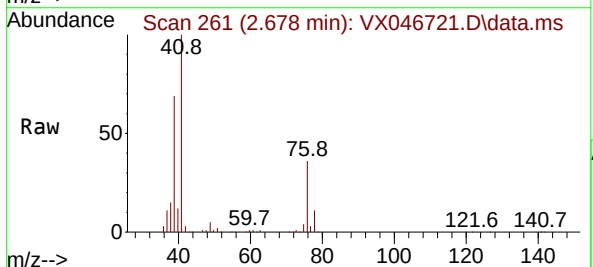
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

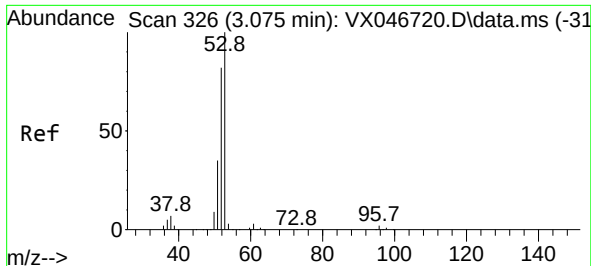
Tgt Ion: 56 Resp: 108796
Ion Ratio Lower Upper
56 100
55 69.7 55.2 82.8



#14
Allyl chloride
Concen: 110.119 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 243477
Ion Ratio Lower Upper
41 100
39 66.5 53.6 80.4
76 33.6 26.8 40.2

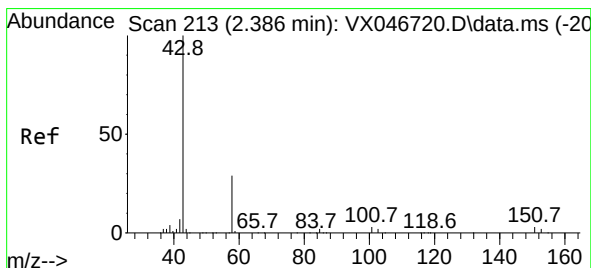
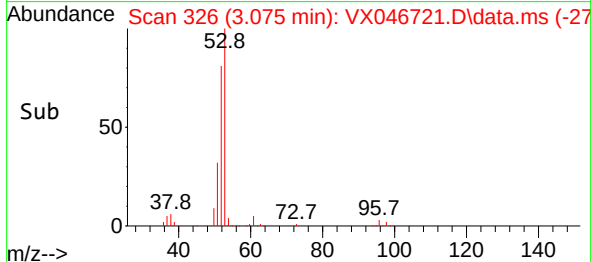
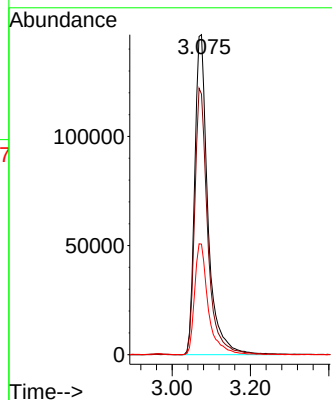
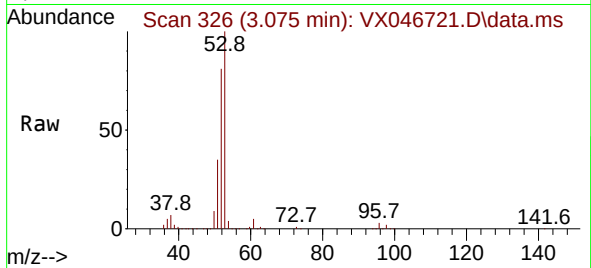




#15
Acrylonitrile
Concen: 559.348 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

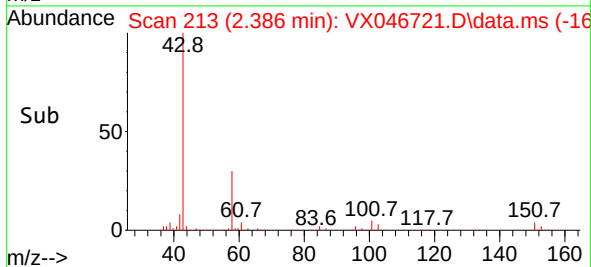
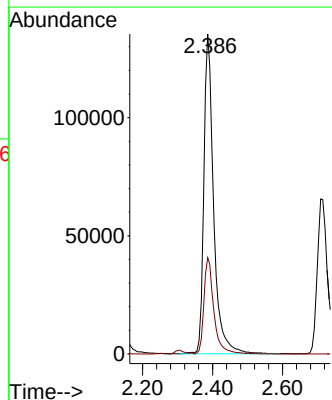
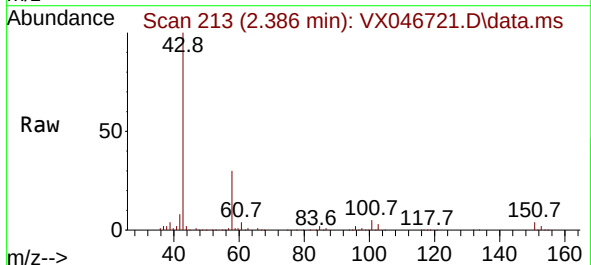
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

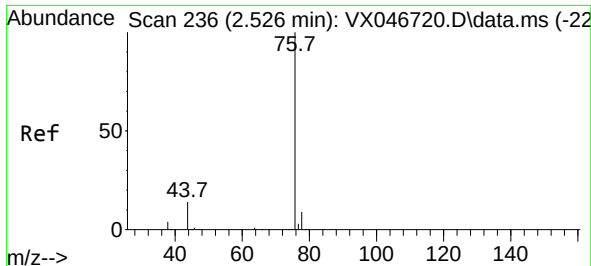
Tgt Ion: 53 Resp: 344981
Ion Ratio Lower Upper
53 100
52 81.9 65.1 97.7
51 36.0 28.9 43.3



#16
Acetone
Concen: 516.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 263024
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7

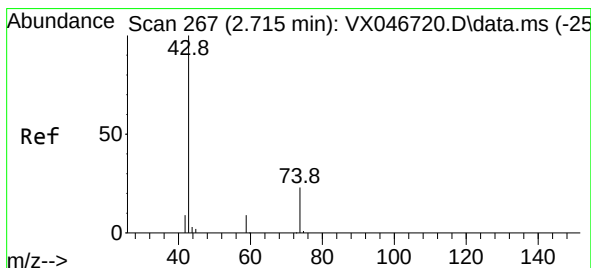
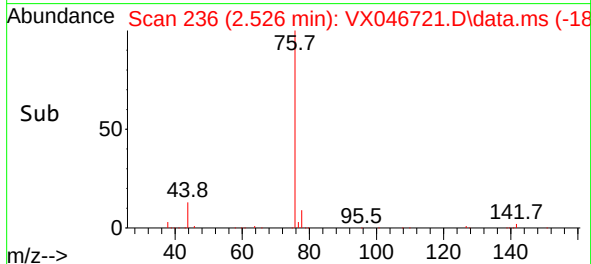
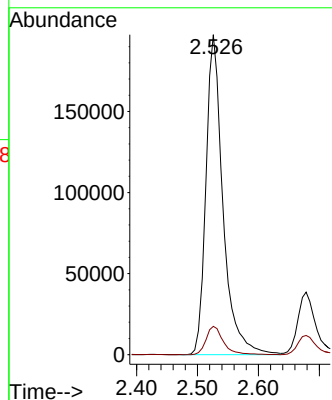
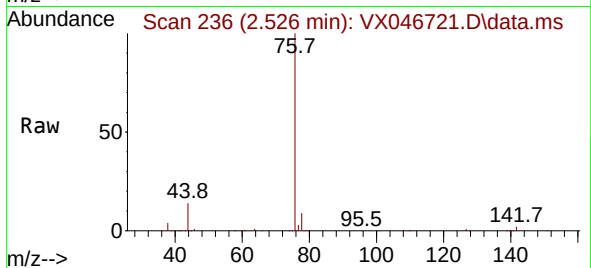




#17
Carbon Disulfide
Concen: 104.026 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

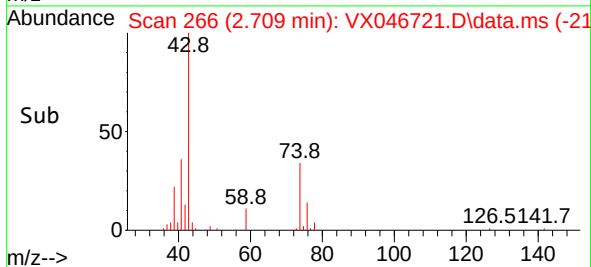
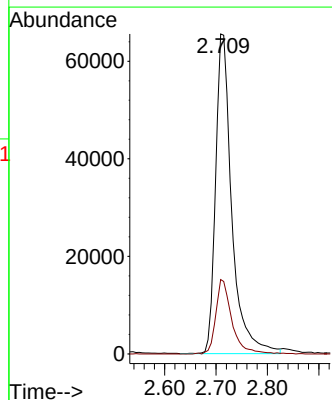
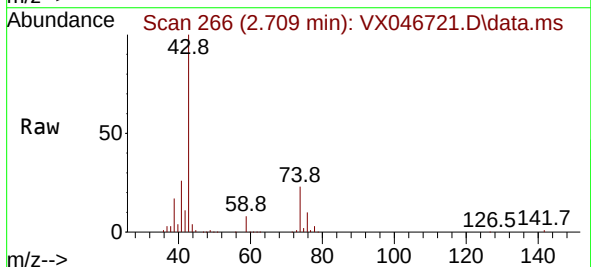
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

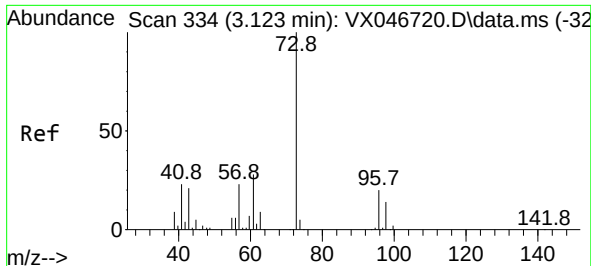
Tgt Ion: 76 Resp: 383348
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 110.909 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 143551
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6

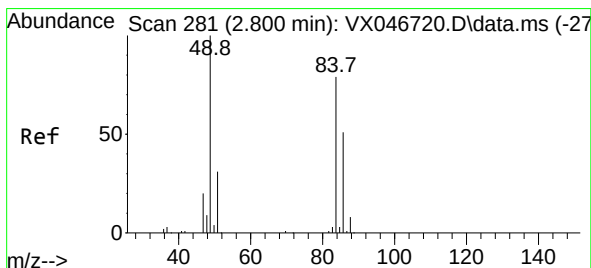
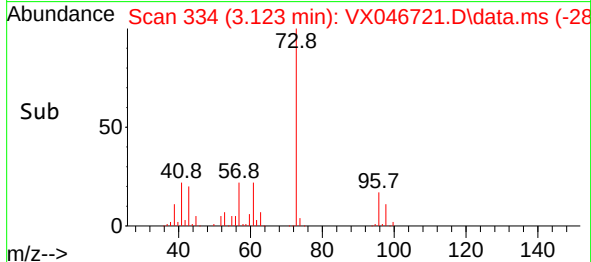
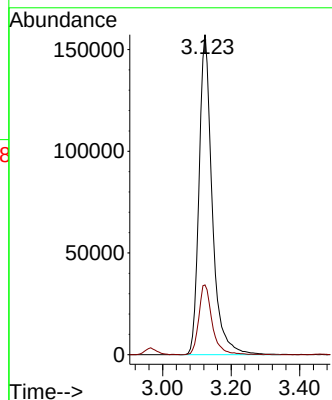
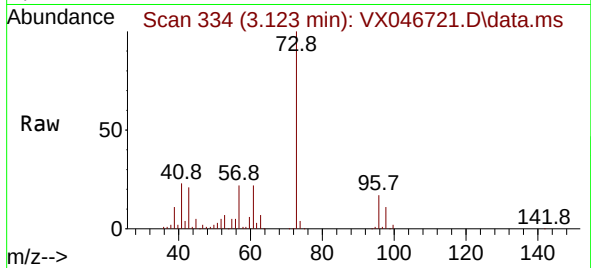




#19
Methyl tert-butyl Ether
Concen: 110.387 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

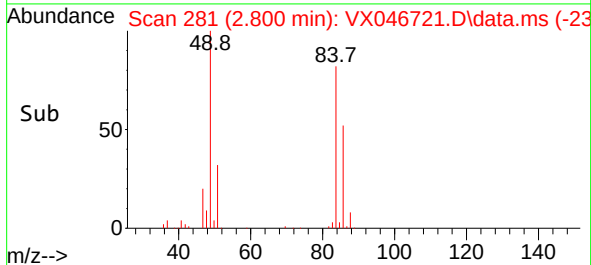
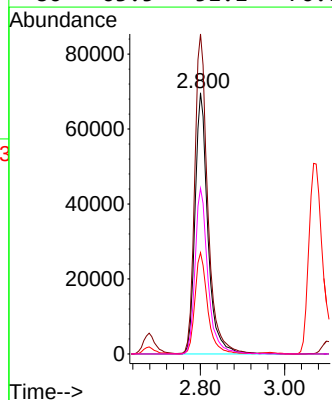
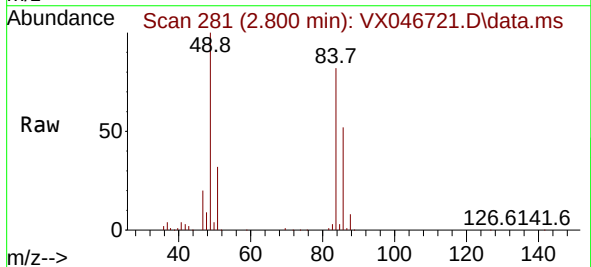
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

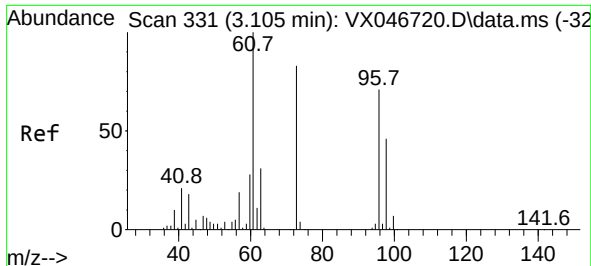
Tgt Ion: 73 Resp: 419445
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 103.828 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 84 Resp: 147144
Ion Ratio Lower Upper
84 100
49 122.3 101.3 151.9
51 38.8 31.0 46.6
86 63.5 51.1 76.7

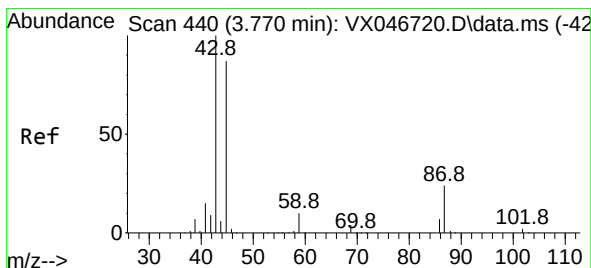
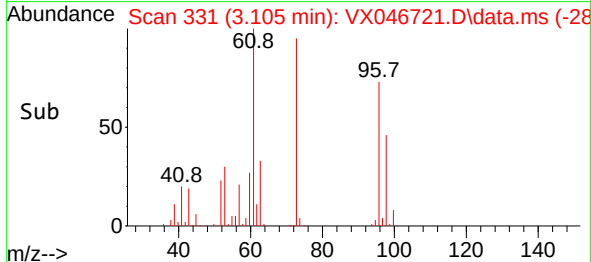
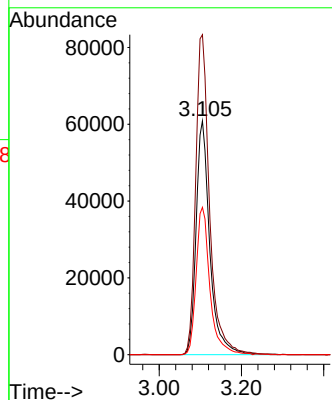
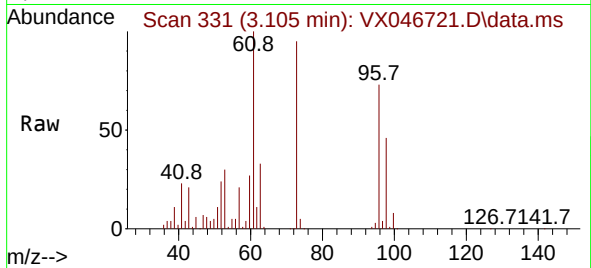




#21
trans-1,2-Dichloroethene
Concen: 107.824 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

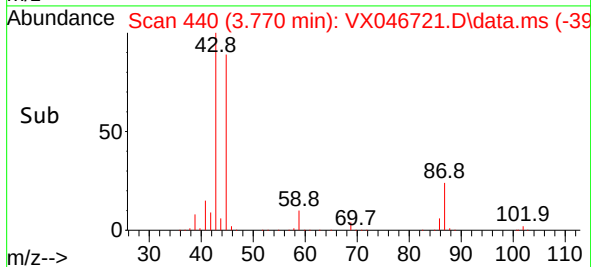
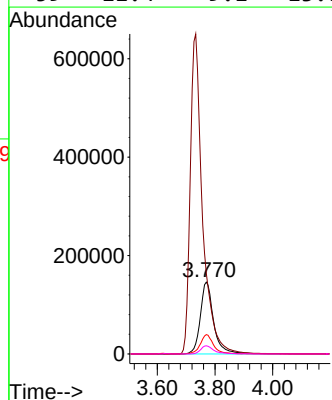
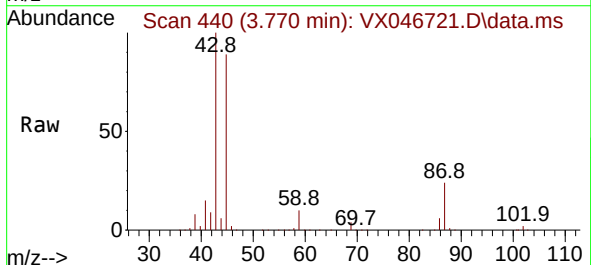
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

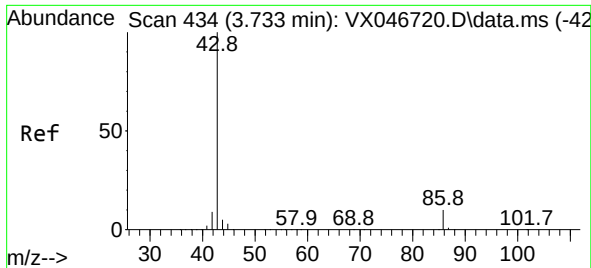
Tgt Ion: 96 Resp: 140792
Ion Ratio Lower Upper
96 100
61 136.9 112.5 168.7
98 63.1 51.9 77.9



#22
Diisopropyl ether
Concen: 109.846 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 45 Resp: 466831
Ion Ratio Lower Upper
45 100
43 112.3 91.9 137.9
87 26.8 22.0 33.0
59 11.4 9.1 13.7

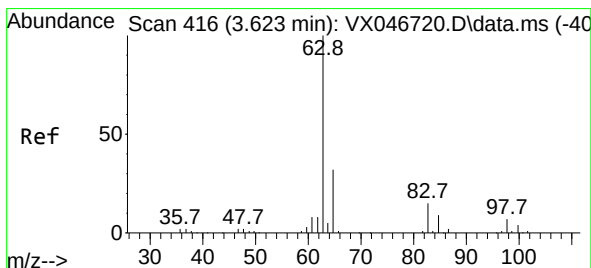
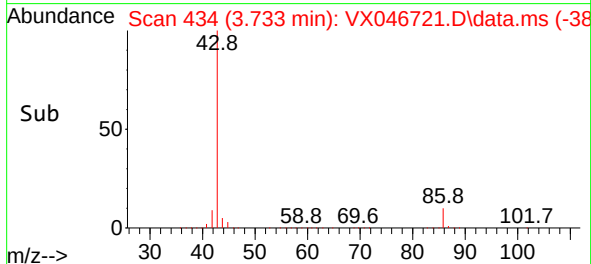
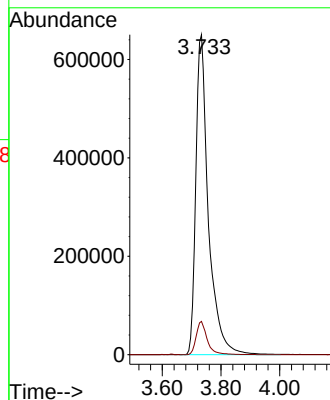
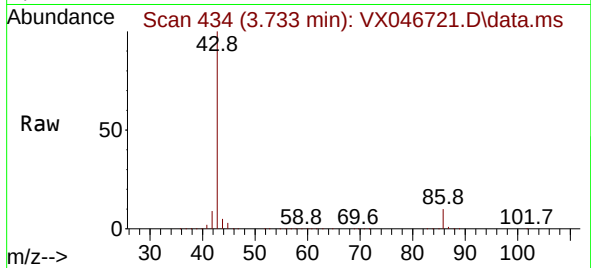




#23
 Vinyl Acetate
 Concen: 571.126 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

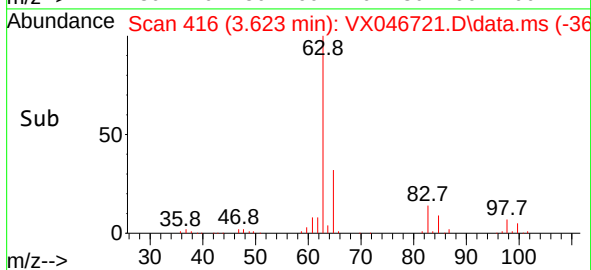
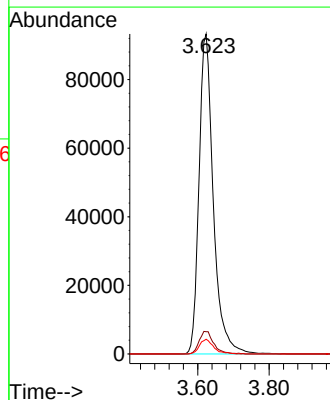
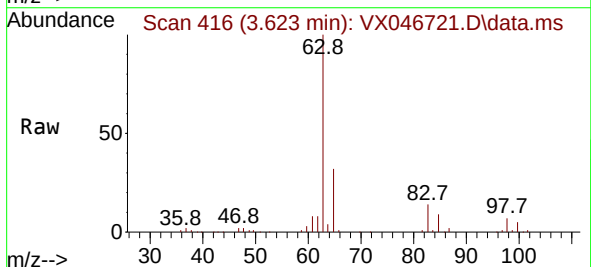
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

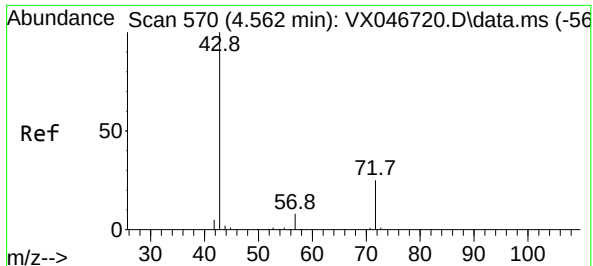
Tgt Ion: 43 Resp: 1930136
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 107.149 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion: 63 Resp: 258546
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 11.9
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 568.810 ug/l

RT: 4.562 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

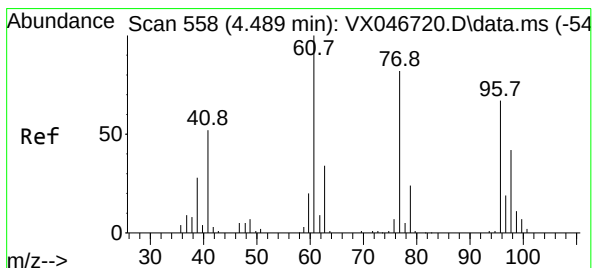
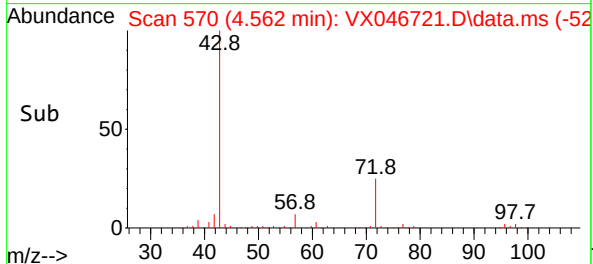
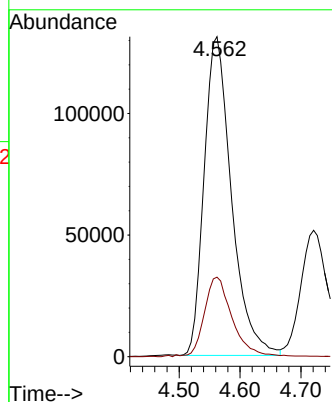
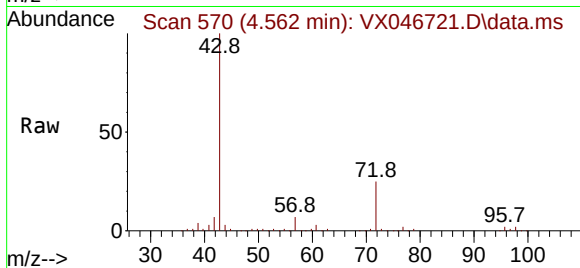
VSTDIC100

Tgt Ion: 43 Resp: 409960

Ion Ratio Lower Upper

43 100

72 24.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 110.239 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX046721.D

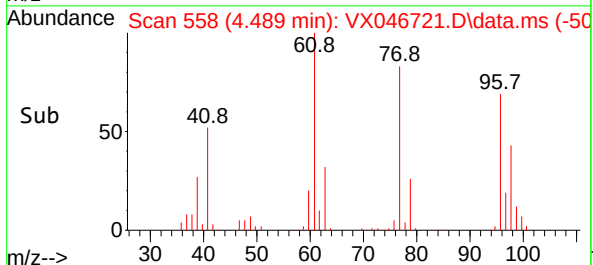
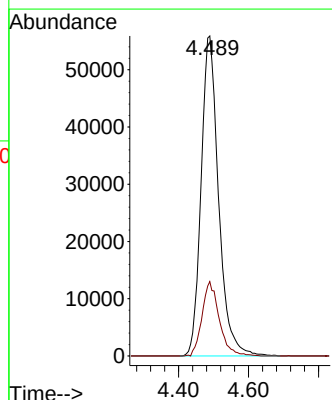
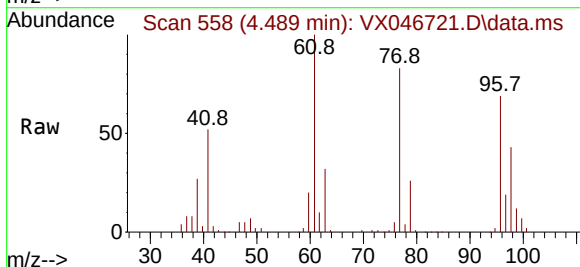
Acq: 17 Jun 2025 14:41

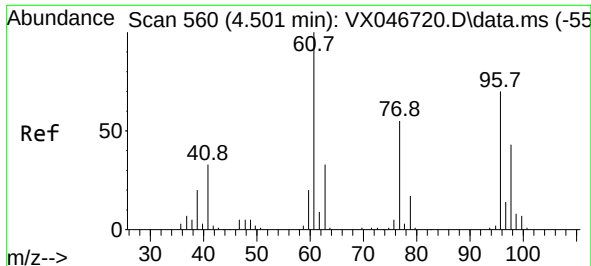
Tgt Ion: 77 Resp: 194006

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 106.691 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

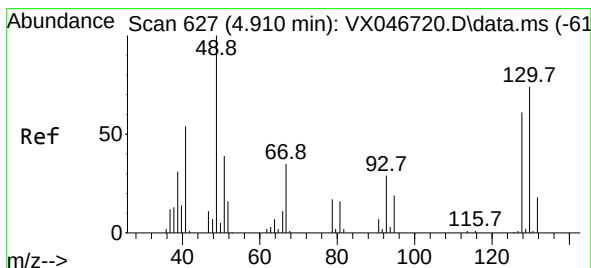
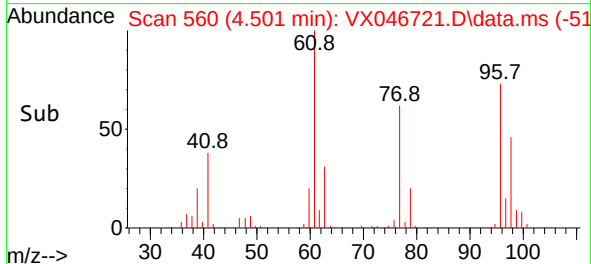
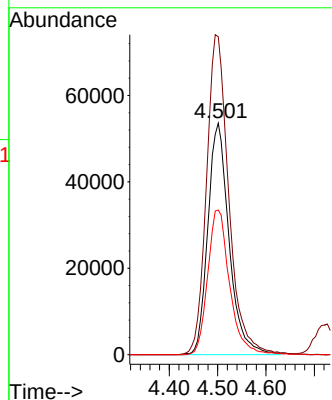
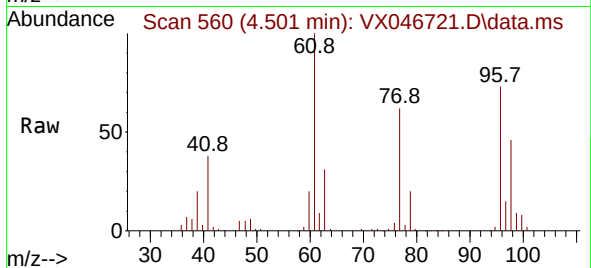
Tgt Ion: 96 Resp: 163672

Ion Ratio Lower Upper

96 100

61 144.8 0.0 291.0

98 64.6 0.0 126.8



#28

Bromochloromethane

Concen: 104.869 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

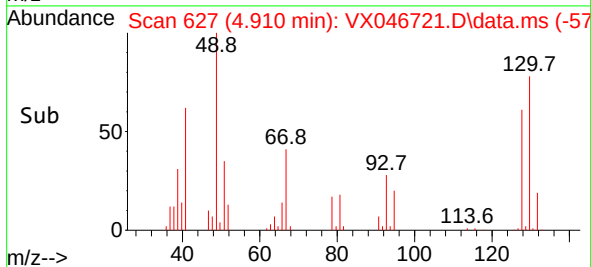
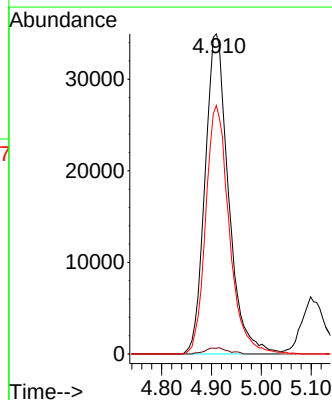
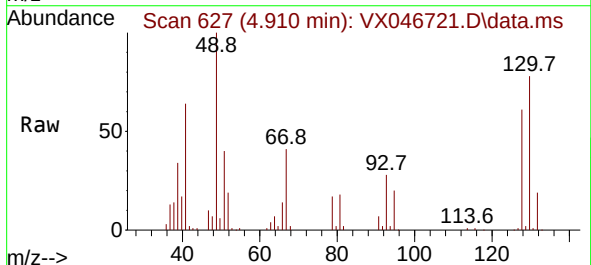
Tgt Ion: 49 Resp: 114720

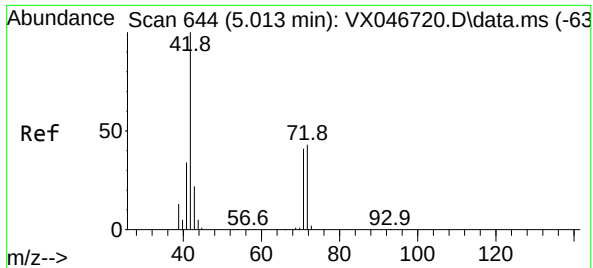
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 77.6 61.4 92.0





#29

Tetrahydrofuran

Concen: 569.746 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

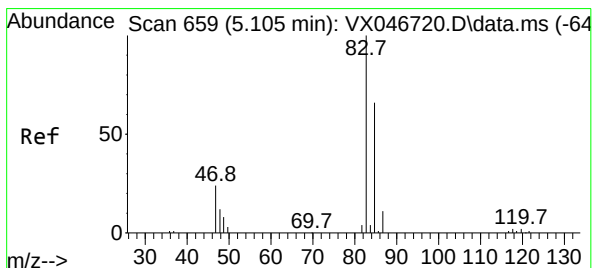
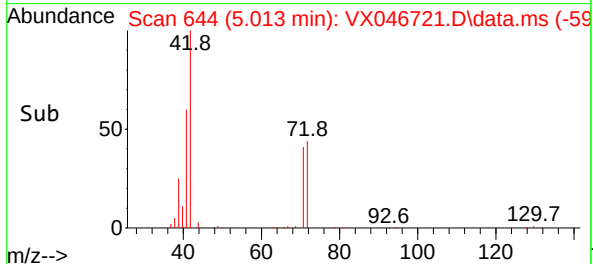
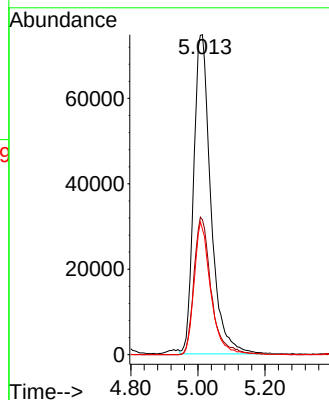
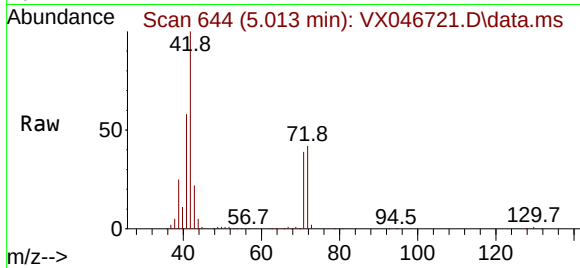
Tgt Ion: 42 Resp: 265233

Ion Ratio Lower Upper

42 100

72 43.5 34.9 52.3

71 40.2 32.2 48.2



#30

Chloroform

Concen: 108.113 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX046721.D

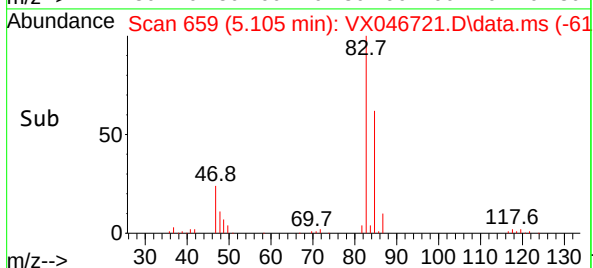
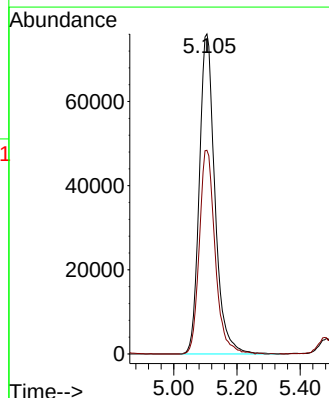
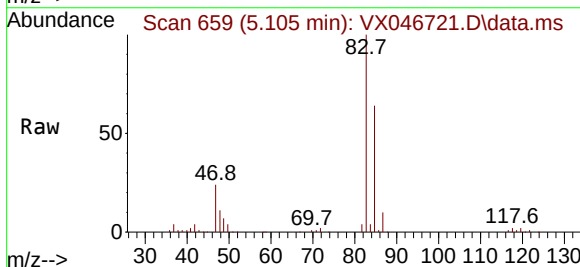
Acq: 17 Jun 2025 14:41

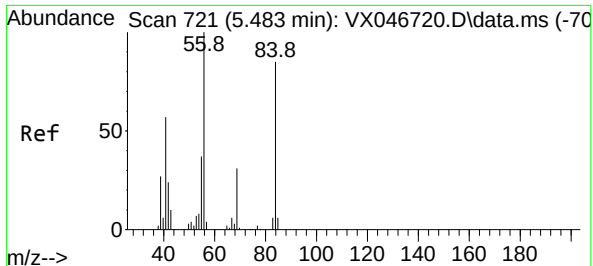
Tgt Ion: 83 Resp: 260888

Ion Ratio Lower Upper

83 100

85 63.6 53.7 80.5

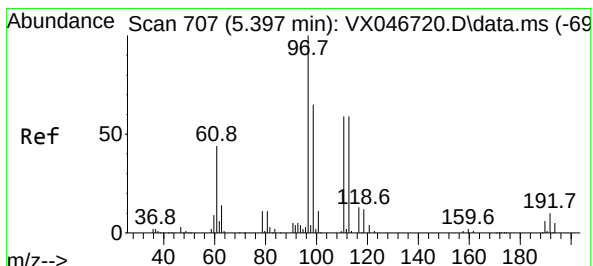
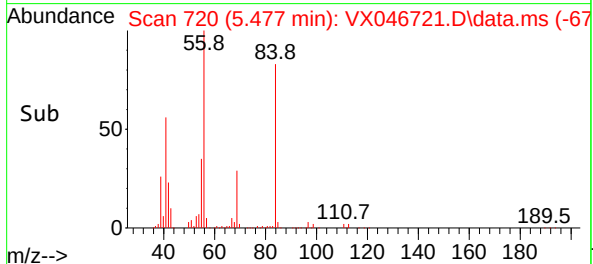
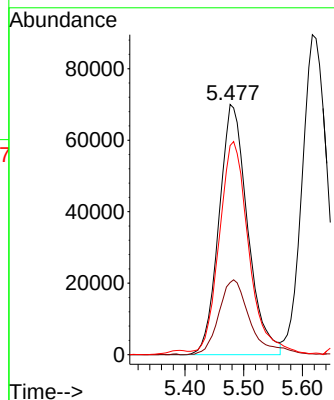
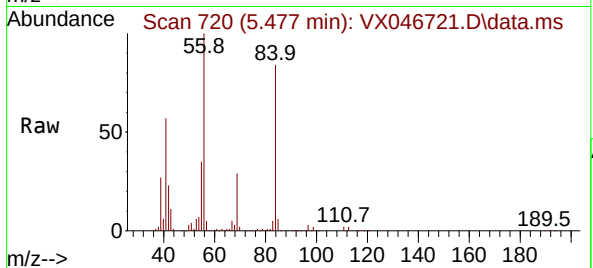




#31
Cyclohexane
Concen: 103.757 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

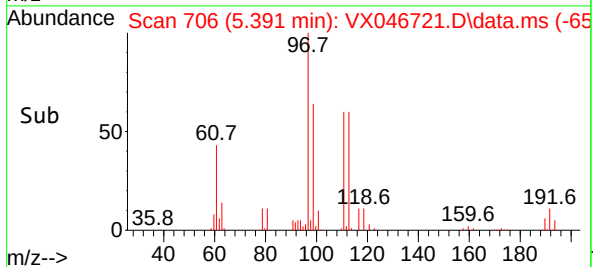
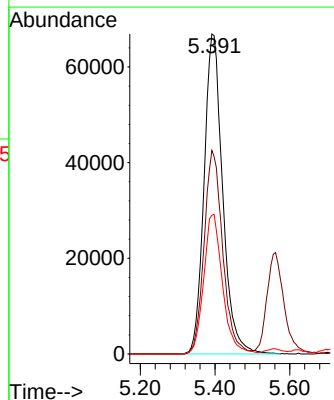
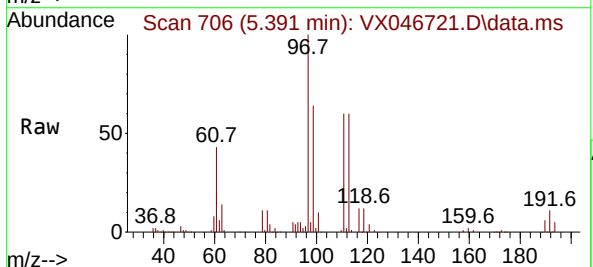
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

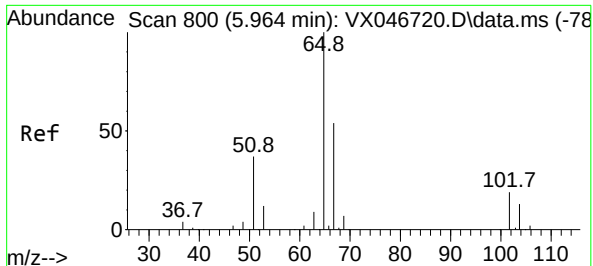
Tgt Ion: 56 Resp: 237424
Ion Ratio Lower Upper
56 100
69 28.9 24.8 37.2
84 81.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 109.198 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 97 Resp: 231101
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 44.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 105.037 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

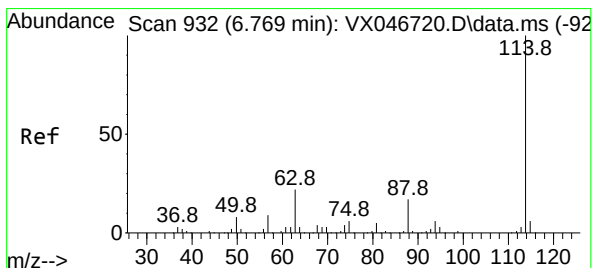
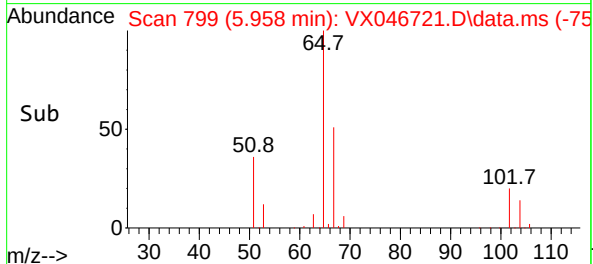
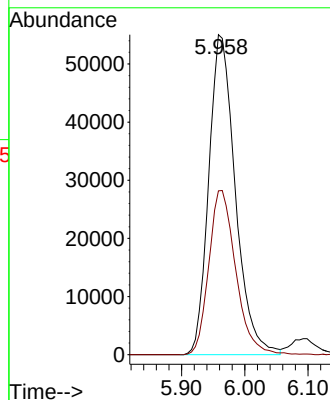
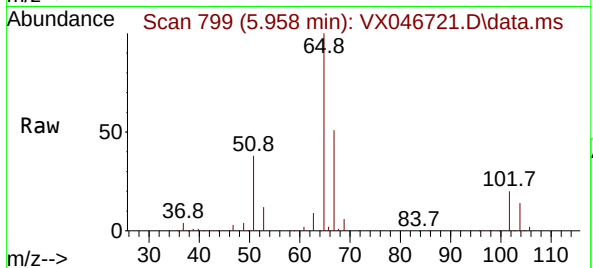
VSTDIC100

Tgt Ion: 65 Resp: 160514

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

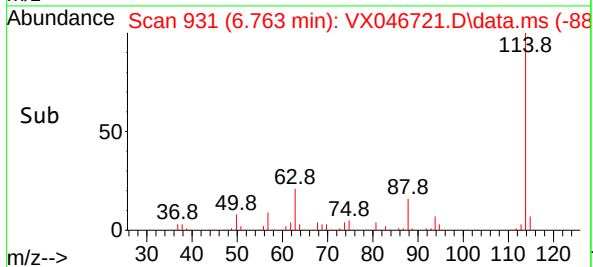
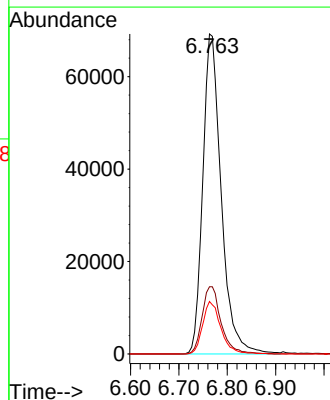
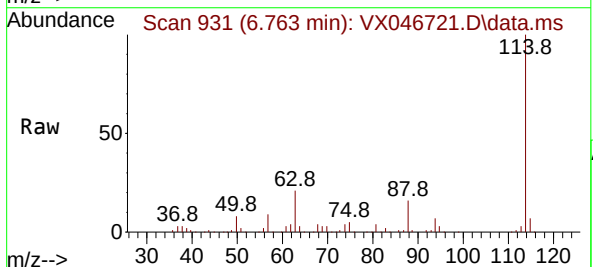
Tgt Ion: 114 Resp: 183300

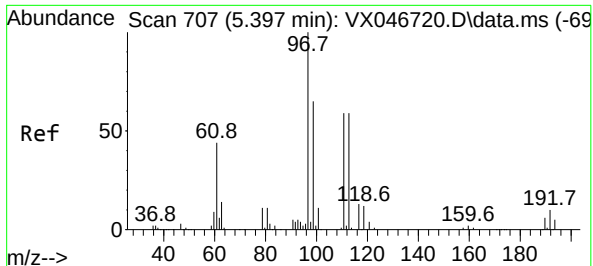
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

88 16.4 0.0 33.2

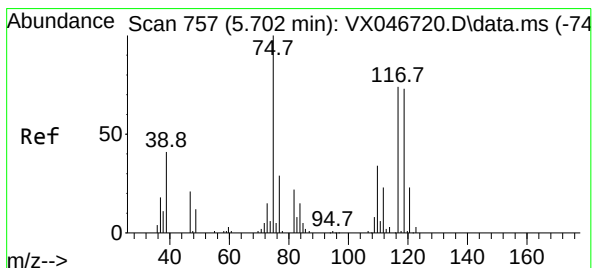
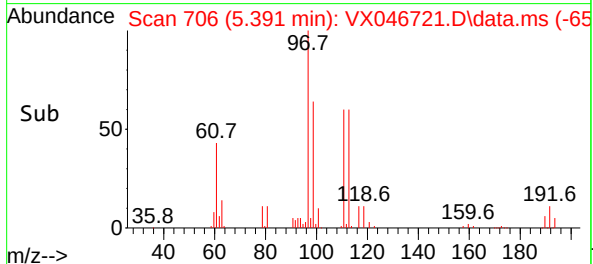
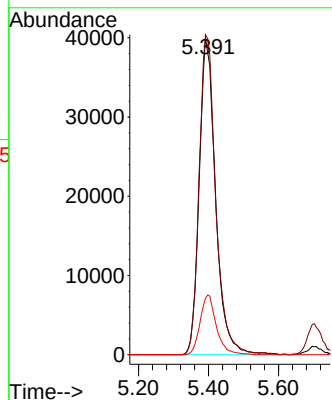
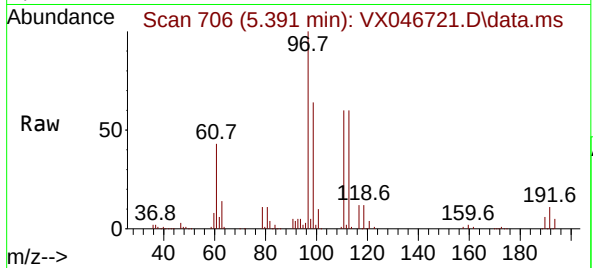




#35
Dibromofluoromethane
Concen: 107.136 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

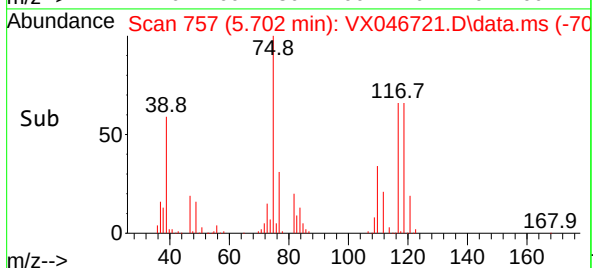
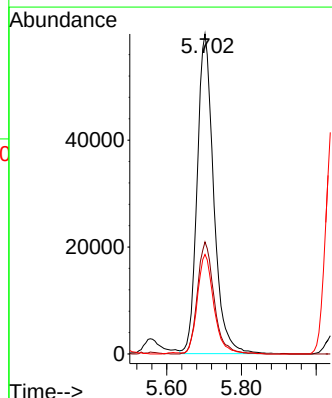
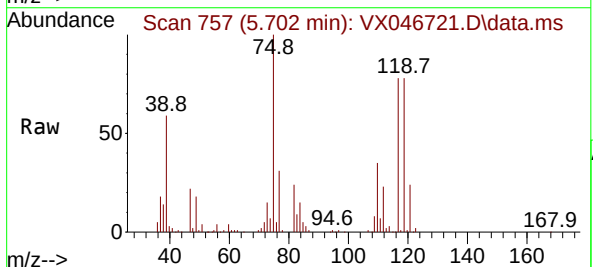
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

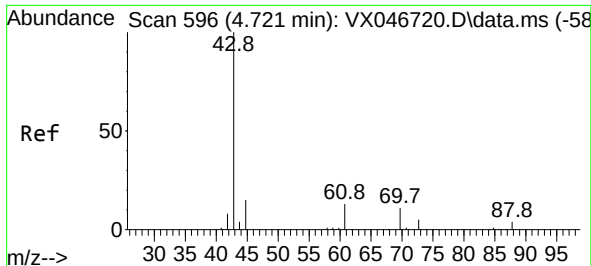
Tgt Ion:113 Resp: 129932
Ion Ratio Lower Upper
113 100
111 102.2 82.0 123.0
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 104.733 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 183355
Ion Ratio Lower Upper
75 100
110 35.3 17.2 51.5
77 31.2 24.2 36.4

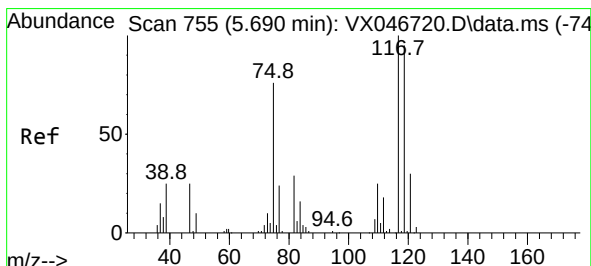
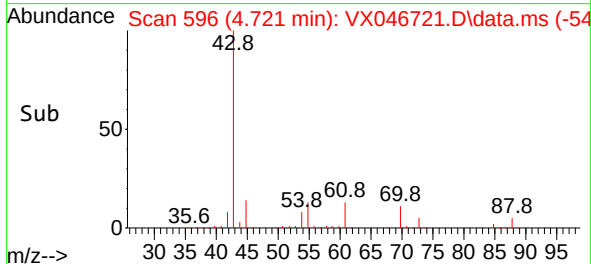
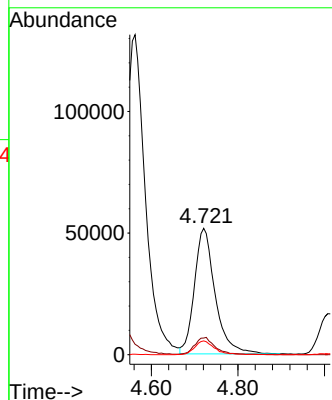
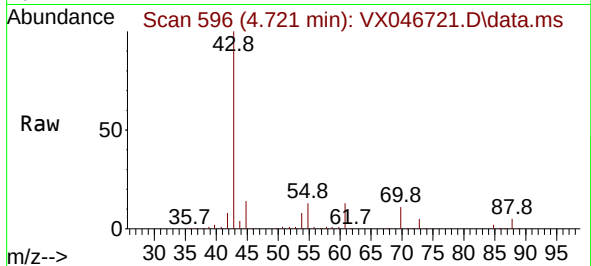




#37
Ethyl Acetate
Concen: 106.094 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

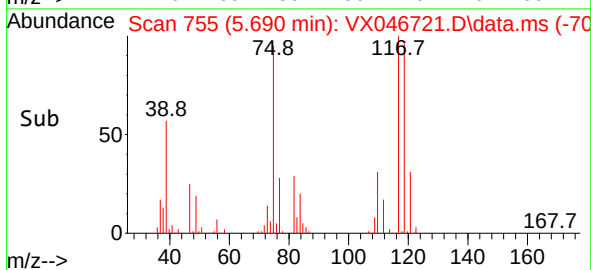
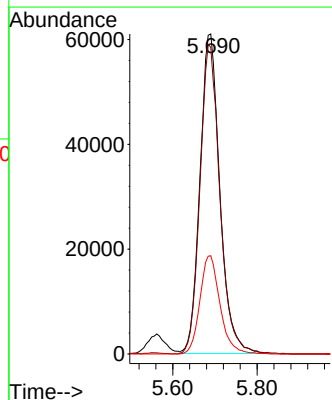
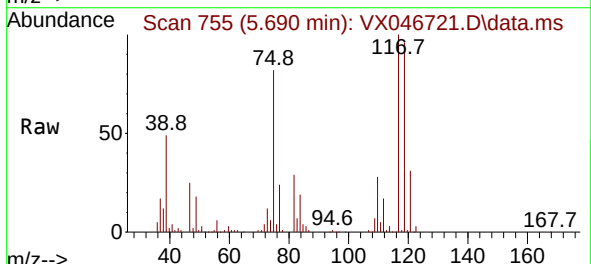
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

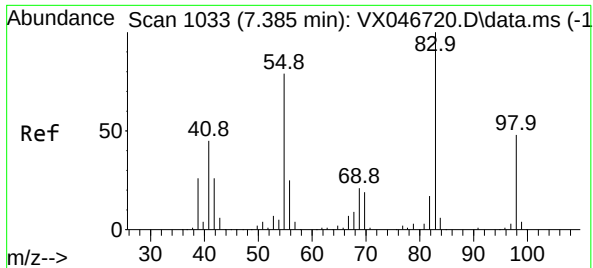
Tgt Ion: 43 Resp: 171444
Ion Ratio Lower Upper
43 100
61 13.8 9.7 14.5
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 105.749 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 117 Resp: 200914
Ion Ratio Lower Upper
117 100
119 96.0 75.2 112.8
121 30.8 24.1 36.1





#39

Methylcyclohexane

Concen: 106.902 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

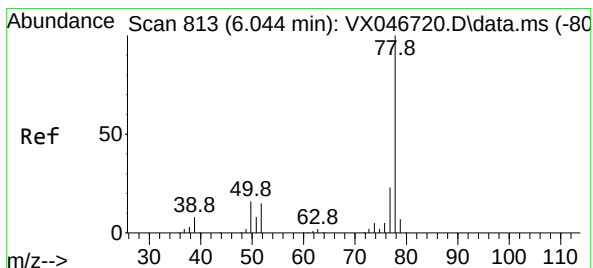
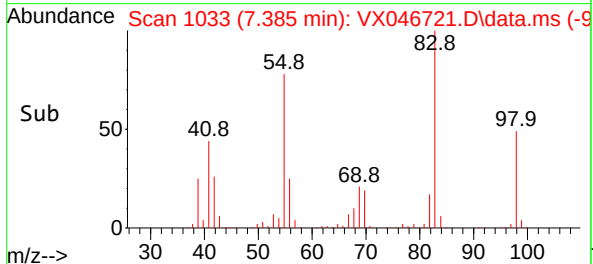
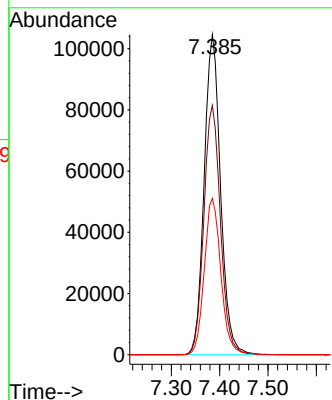
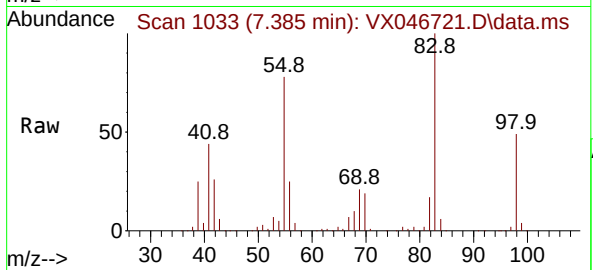
Tgt Ion: 83 Resp: 246277

Ion Ratio Lower Upper

83 100

55 77.9 63.0 94.4

98 48.8 38.8 58.2



#40

Benzene

Concen: 106.798 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX046721.D

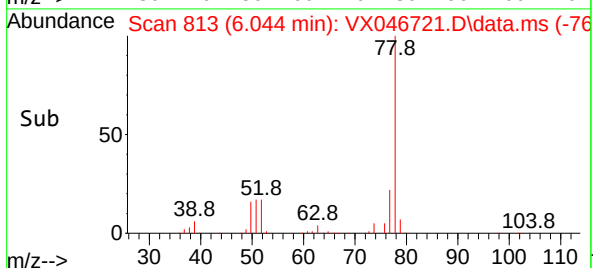
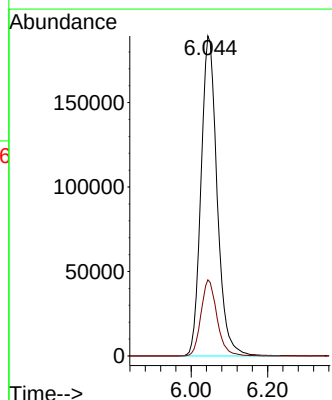
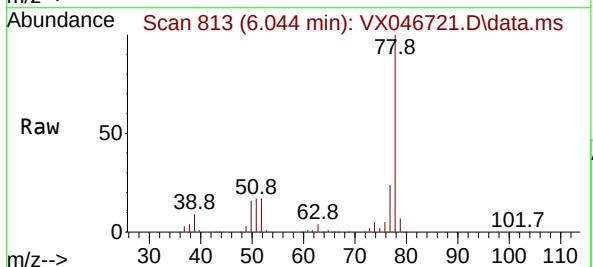
Acq: 17 Jun 2025 14:41

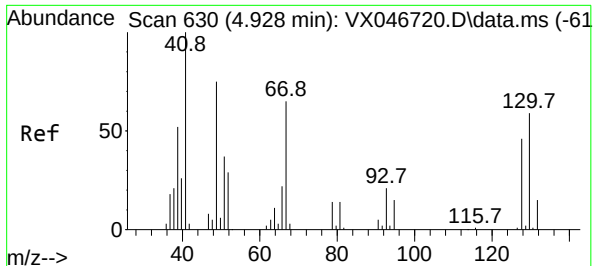
Tgt Ion: 78 Resp: 553336

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

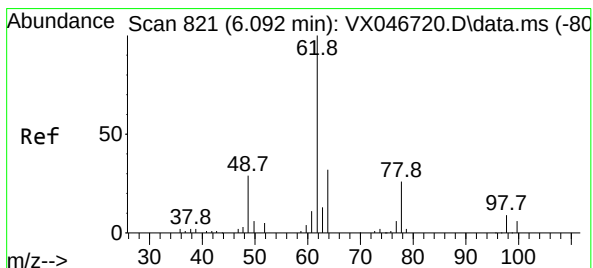
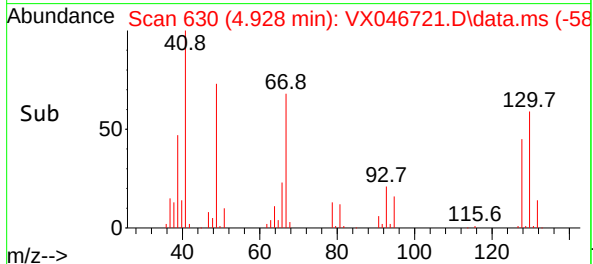
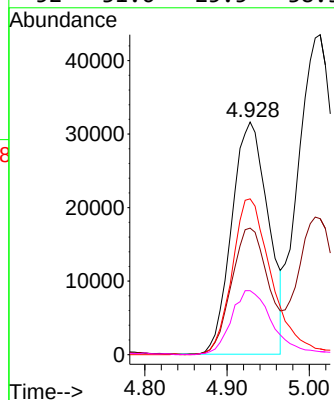
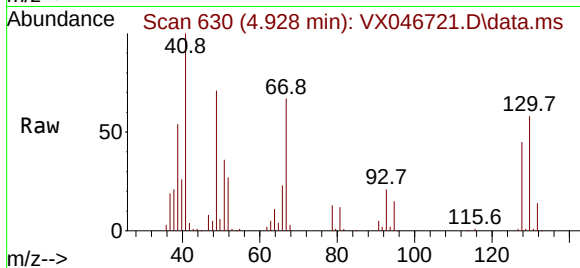




#41
Methacrylonitrile
Concen: 113.502 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

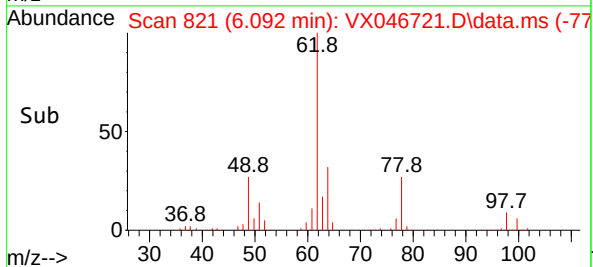
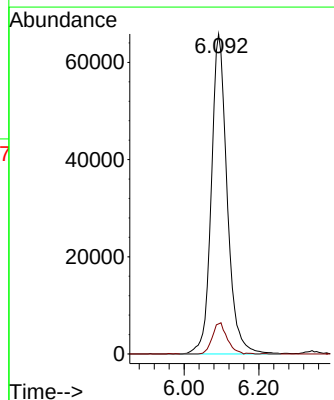
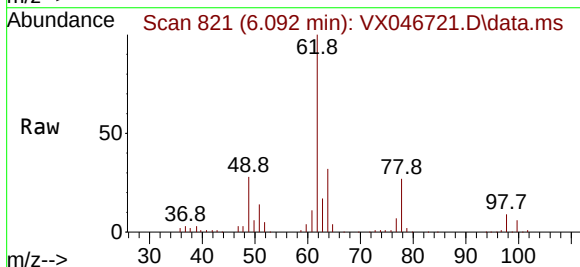
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

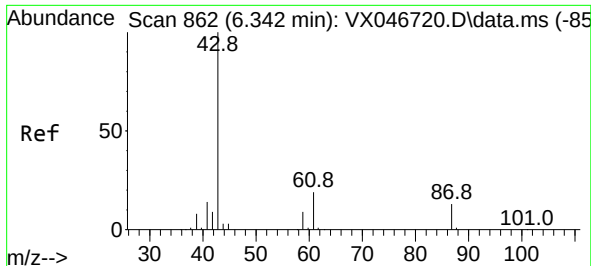
Tgt Ion:	41	Resp:	97782
Ion	Ratio	Lower	Upper
41	100		
39	54.8	45.9	68.9
67	73.6	61.2	91.8
52	31.6	25.5	38.3



#42
1,2-Dichloroethane
Concen: 106.278 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:	62	Resp:	193498
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 115.264 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

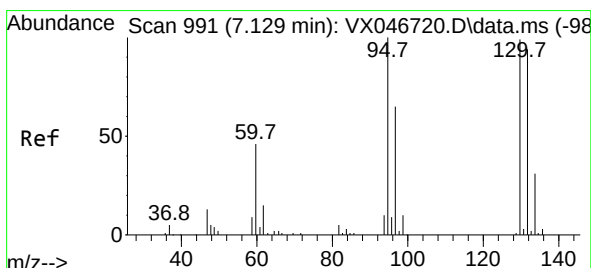
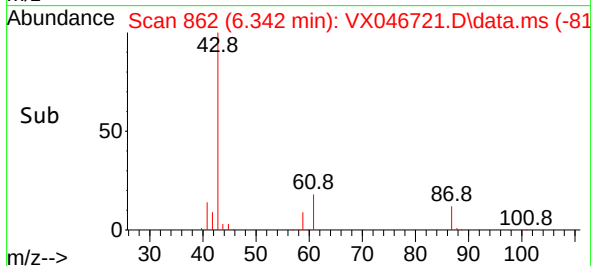
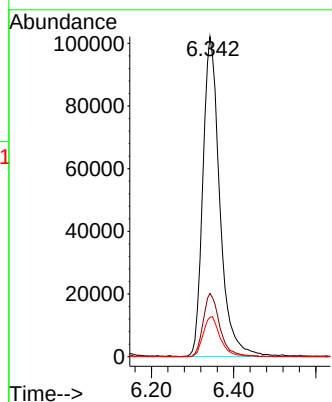
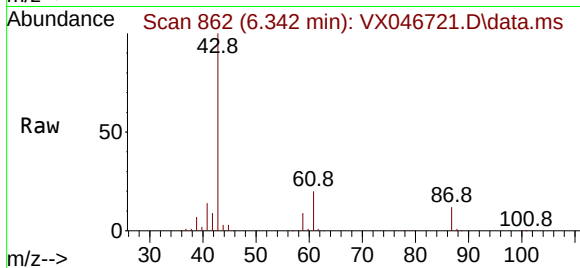
Tgt Ion: 43 Resp: 291467

Ion Ratio Lower Upper

43 100

61 19.4 15.3 22.9

87 12.5 10.0 15.0



#44

Trichloroethene

Concen: 108.043 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX046721.D

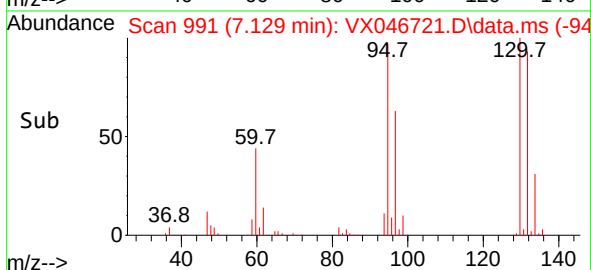
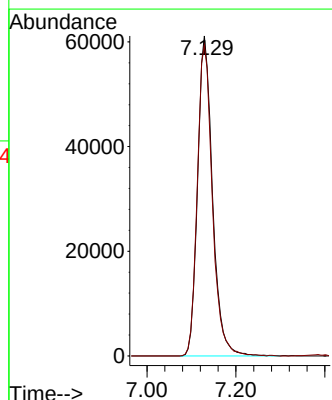
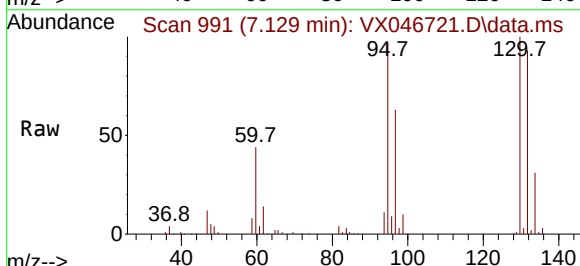
Acq: 17 Jun 2025 14:41

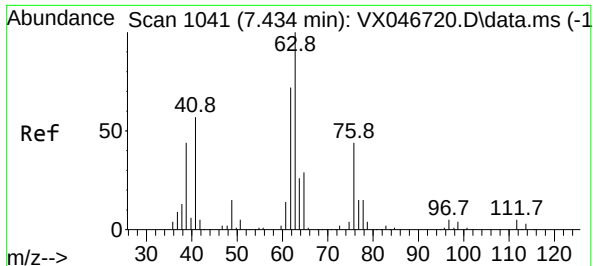
Tgt Ion:130 Resp: 142659

Ion Ratio Lower Upper

130 100

95 97.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 106.920 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

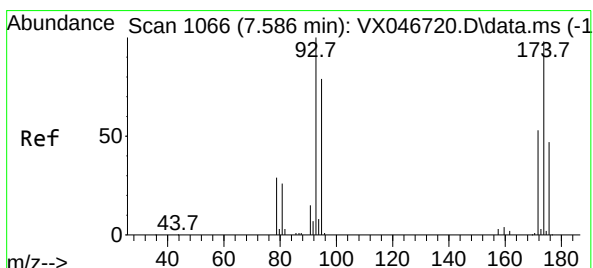
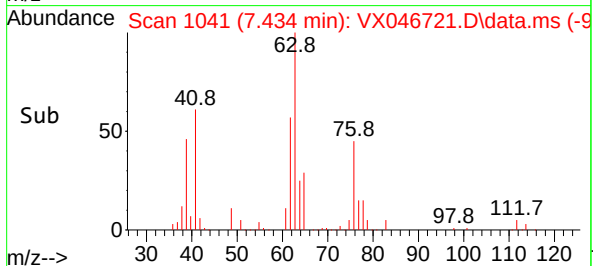
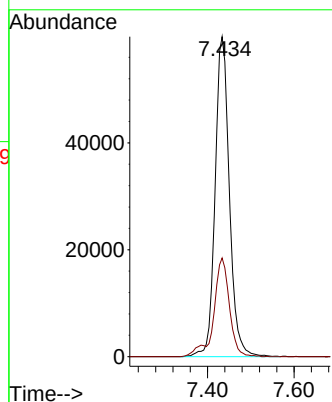
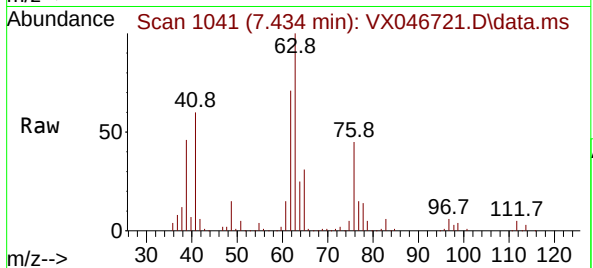
VSTDIC100

Tgt Ion: 63 Resp: 137291

Ion Ratio Lower Upper

63 100

65 30.8 22.9 34.3



#46

Dibromomethane

Concen: 107.240 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

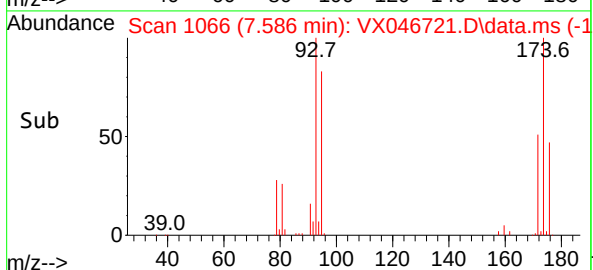
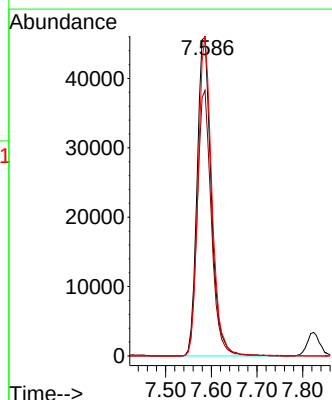
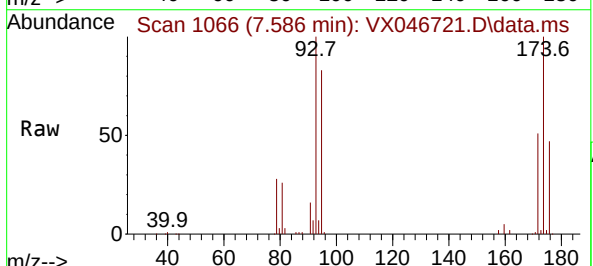
Tgt Ion: 93 Resp: 98964

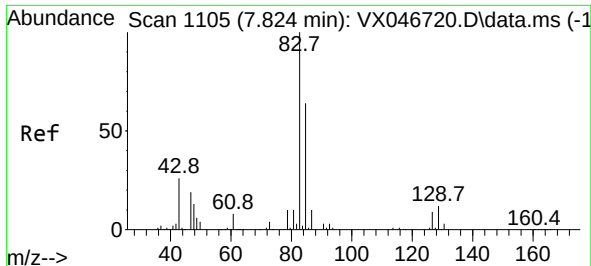
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 97.4 77.0 115.6

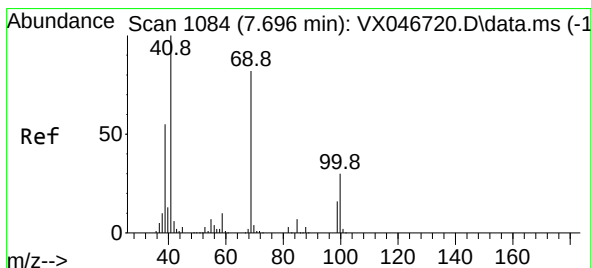
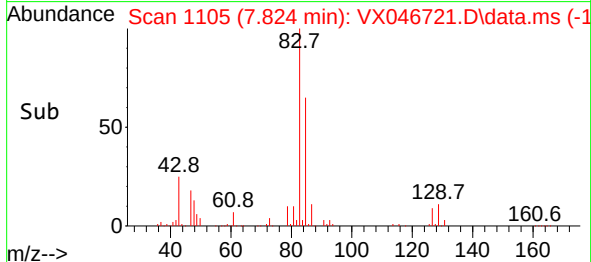
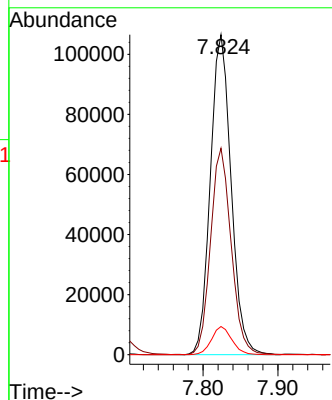
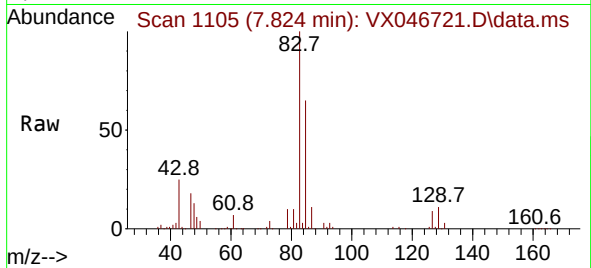




#47
Bromodichloromethane
Concen: 109.319 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

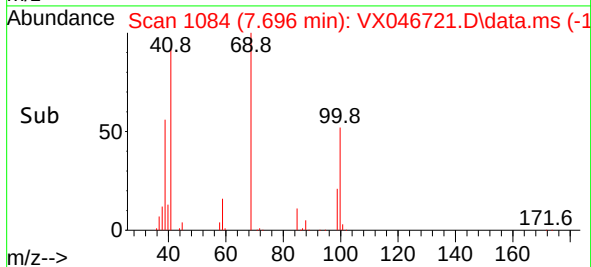
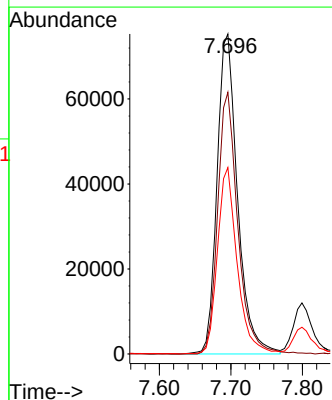
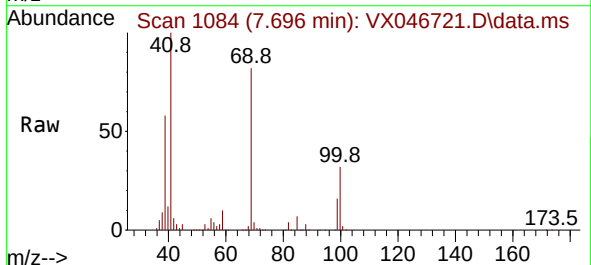
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

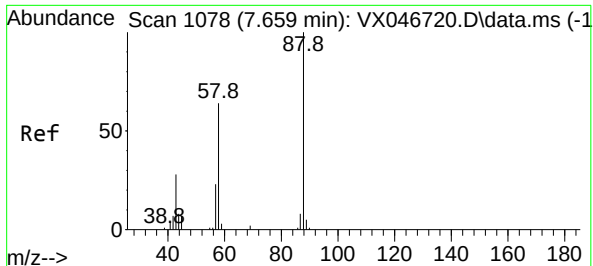
Tgt Ion: 83 Resp: 205870
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 118.279 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 41 Resp: 150002
Ion Ratio Lower Upper
41 100
69 80.4 63.4 95.2
39 56.2 45.4 68.0





#49

1,4-Dioxane

Concen: 2040.447 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

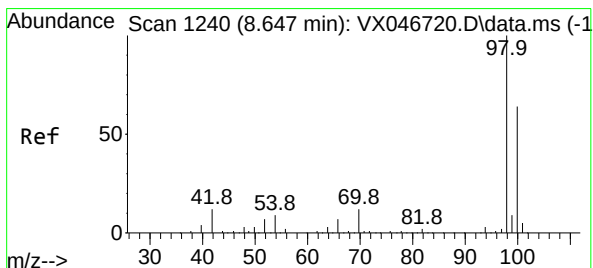
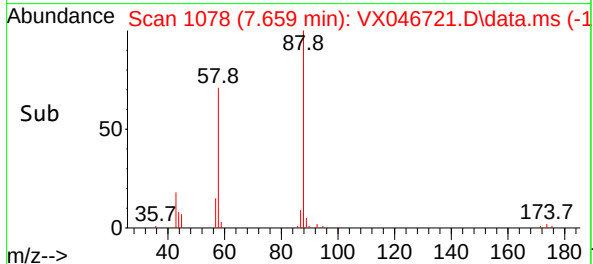
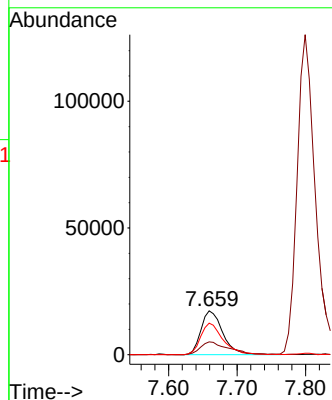
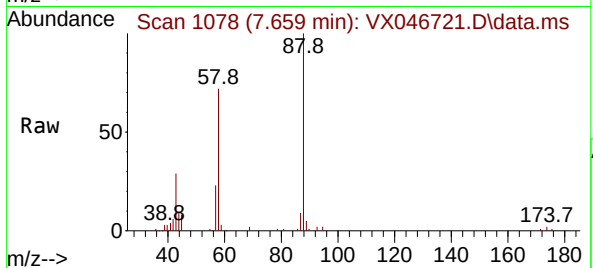
Tgt Ion: 88 Resp: 38203

Ion Ratio Lower Upper

88 100

43 37.8 31.2 46.8

58 73.7 54.7 82.1



#50

Toluene-d8

Concen: 105.153 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046721.D

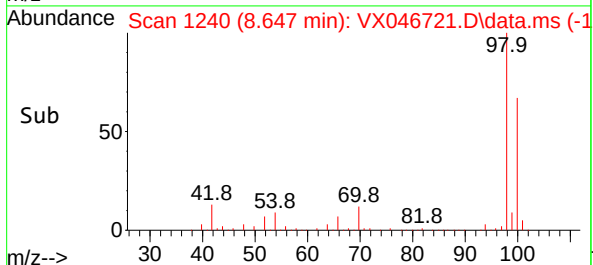
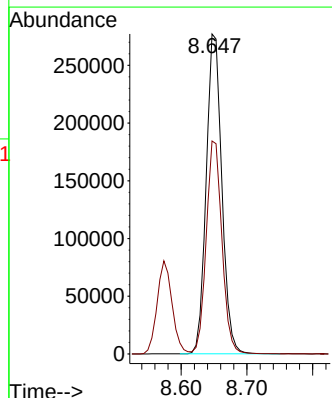
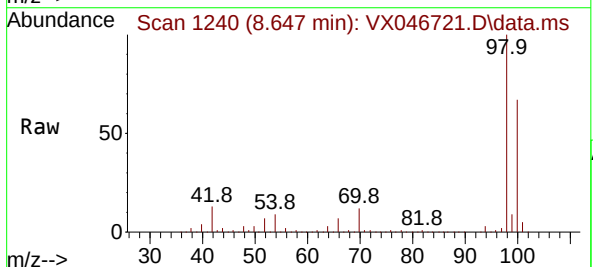
Acq: 17 Jun 2025 14:41

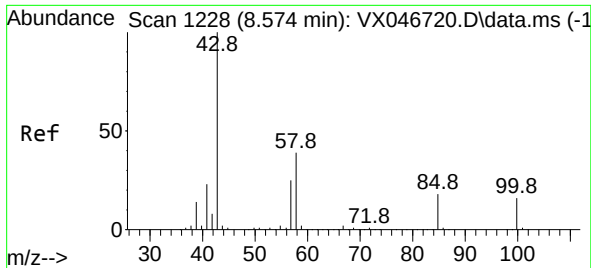
Tgt Ion: 98 Resp: 458174

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

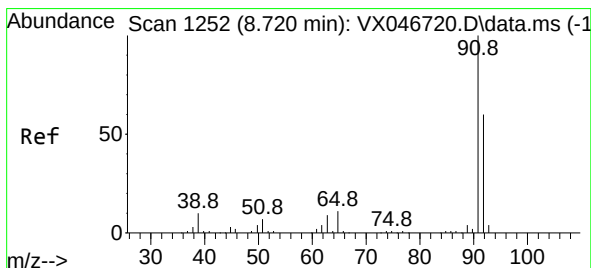
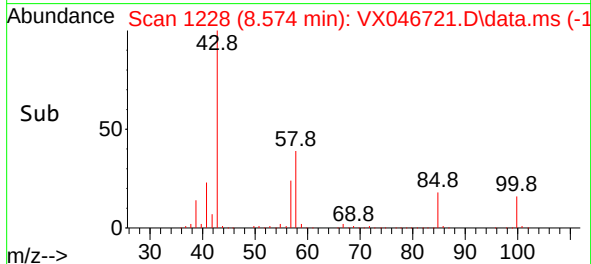
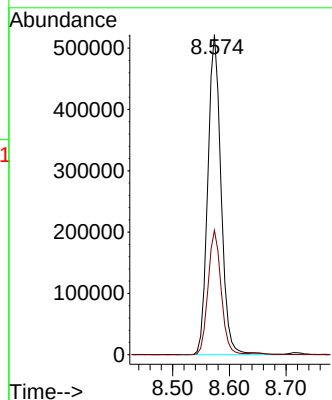
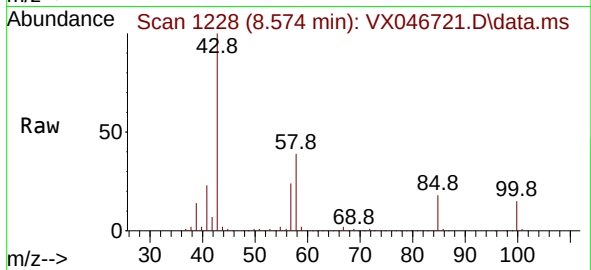




#51
4-Methyl-2-Pentanone
Concen: 559.584 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

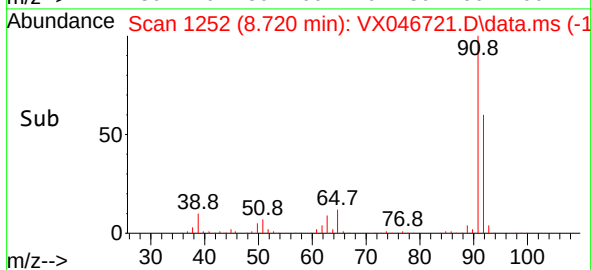
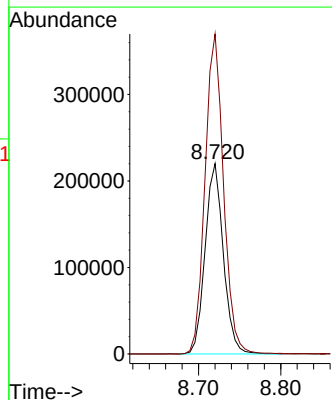
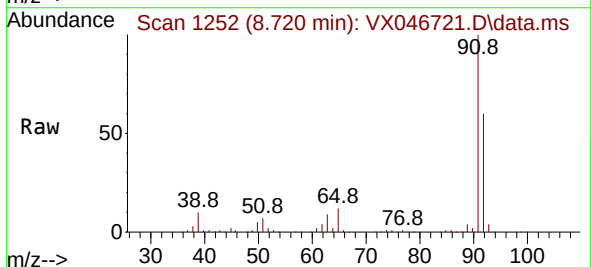
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

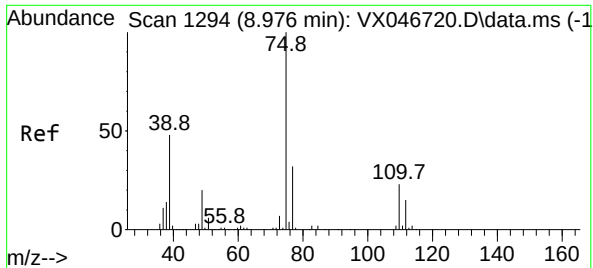
Tgt Ion: 43 Resp: 843944
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2



#52
Toluene
Concen: 105.772 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 92 Resp: 339735
Ion Ratio Lower Upper
92 100
91 170.4 134.8 202.2

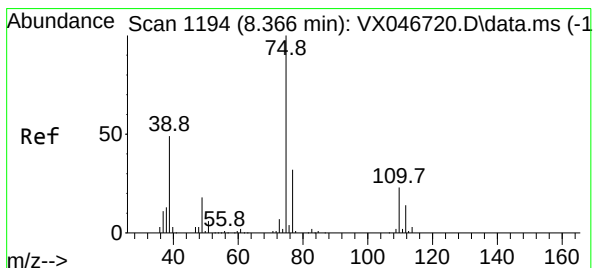
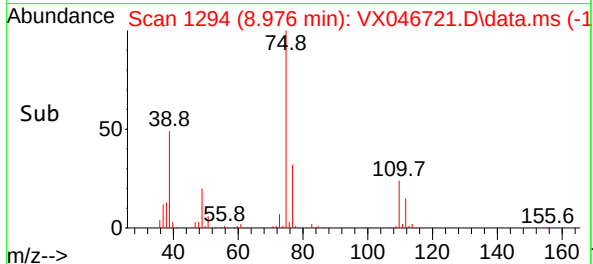
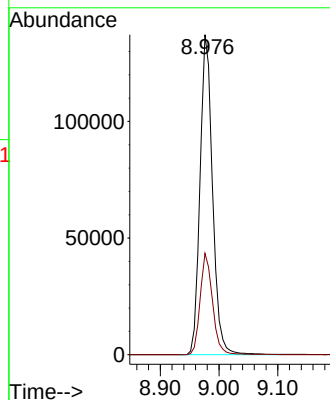
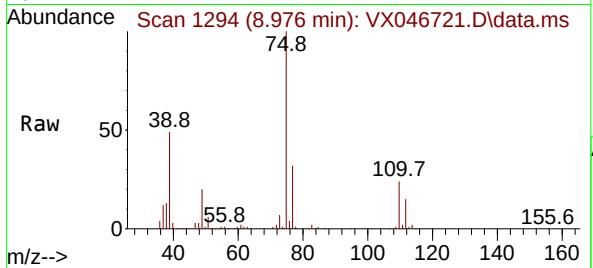




#53
 t-1,3-Dichloropropene
 Concen: 116.448 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

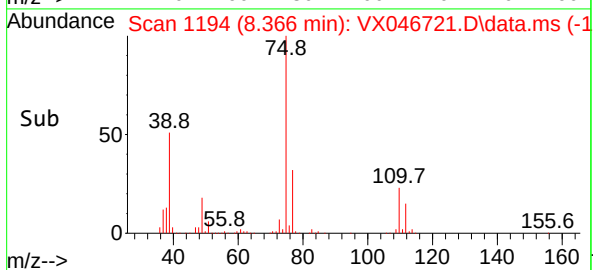
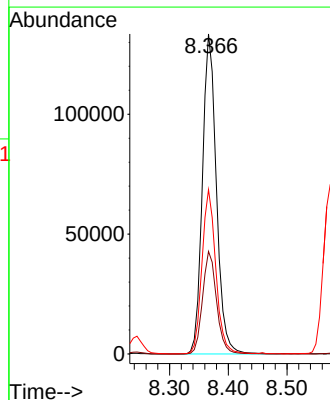
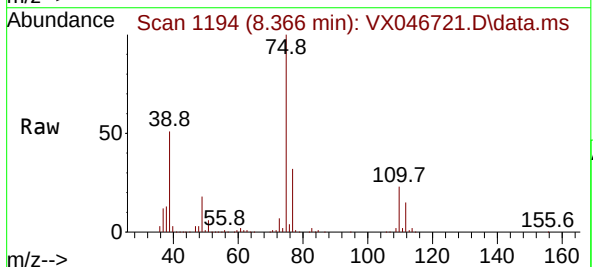
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

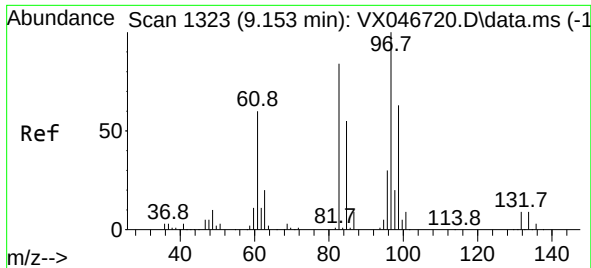
Tgt Ion: 75 Resp: 203470
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 111.537 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 221241
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 51.0 39.2 58.8

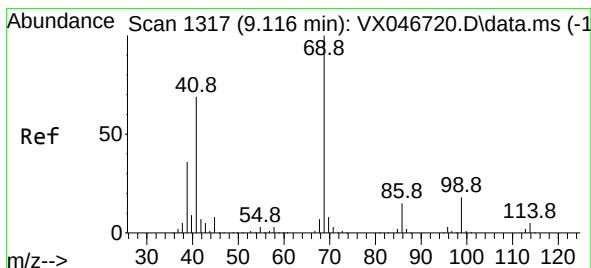
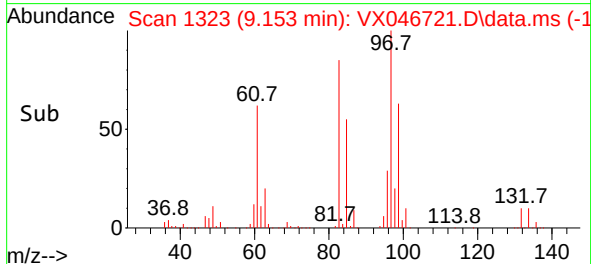
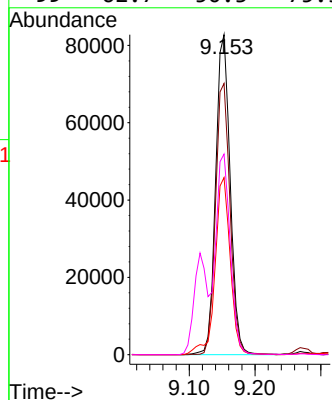
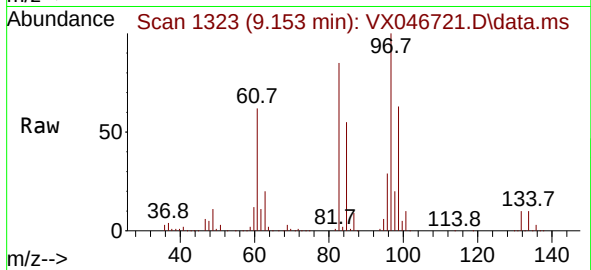




#55
1,1,2-Trichloroethane
Concen: 106.264 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

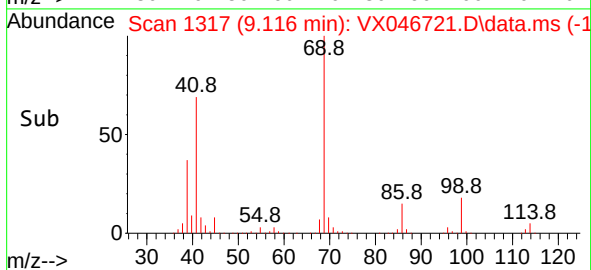
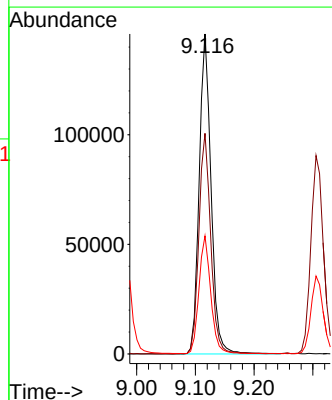
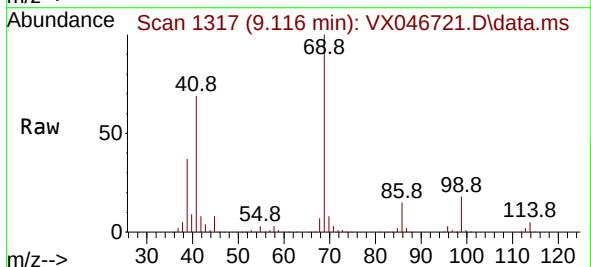
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

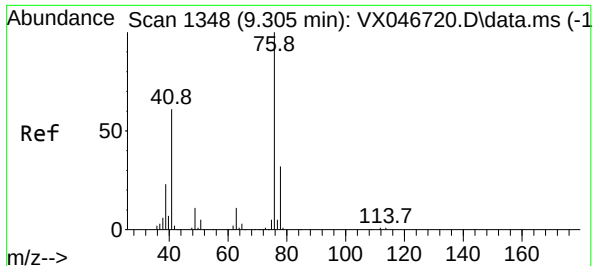
Tgt Ion: 97	Resp: 127195
Ion Ratio	Lower Upper
97 100	
83 84.7	67.2 100.8
85 55.4	44.1 66.1
99 62.7	50.3 75.5



#56
Ethyl methacrylate
Concen: 116.106 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 69	Resp: 205153
Ion Ratio	Lower Upper
69 100	
41 69.6	55.4 83.2
39 36.9	29.7 44.5





#57

1,3-Dichloropropane

Concen: 106.740 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

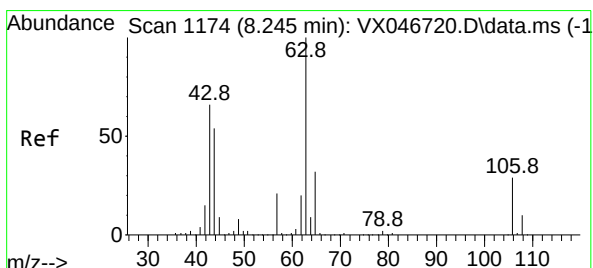
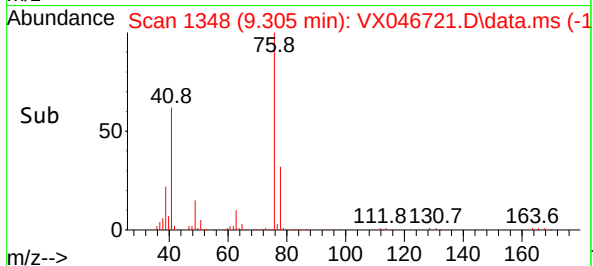
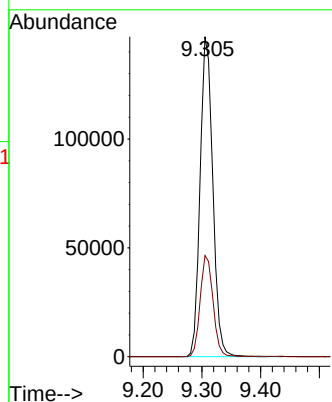
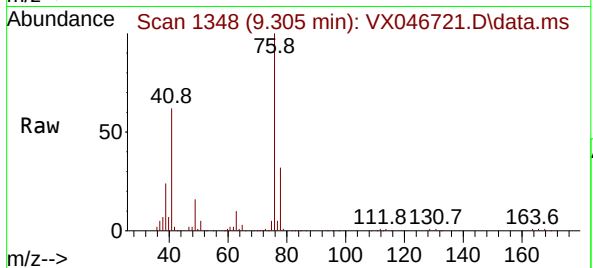
VSTDICC100

Tgt Ion: 76 Resp: 220021

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 590.219 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046721.D

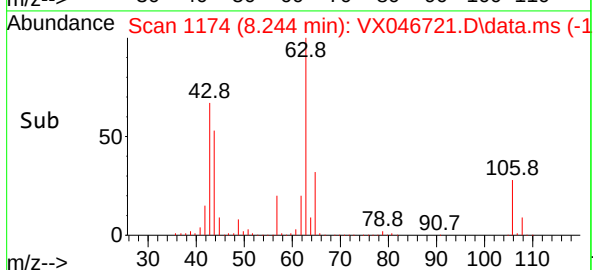
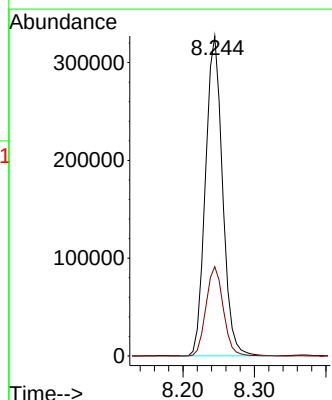
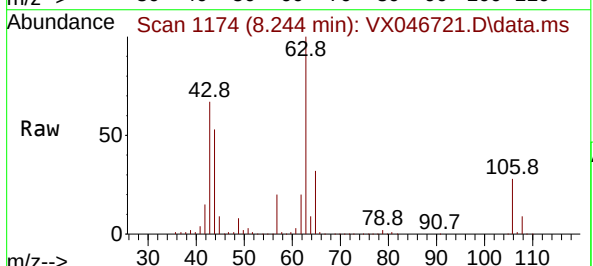
Acq: 17 Jun 2025 14:41

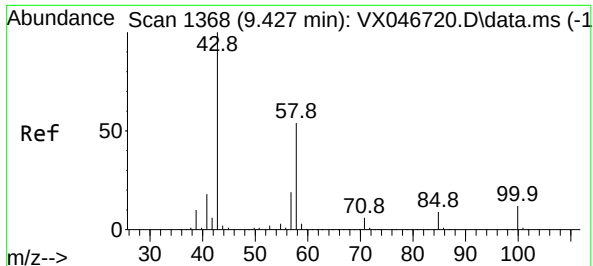
Tgt Ion: 63 Resp: 541734

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0

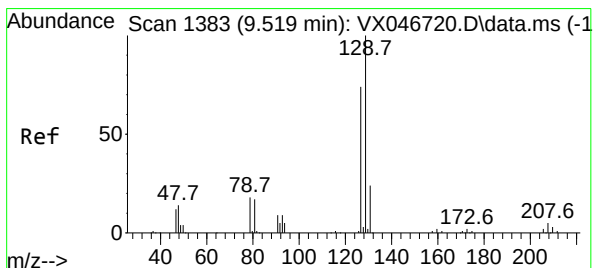
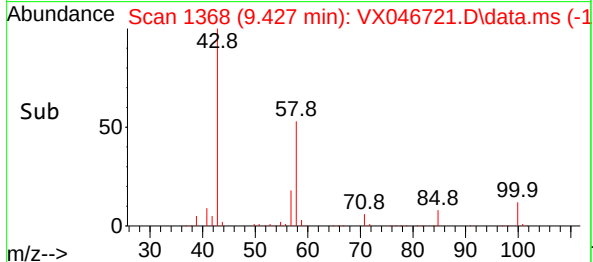
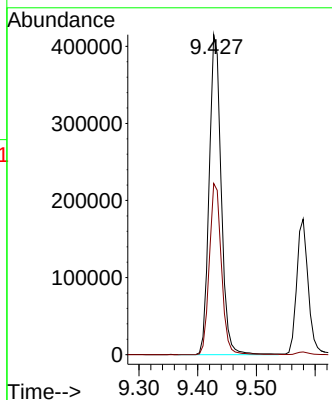
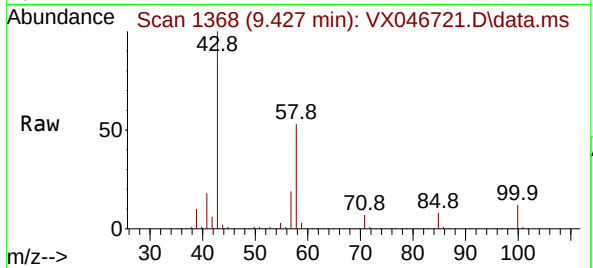




#59
2-Hexanone
Concen: 563.200 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

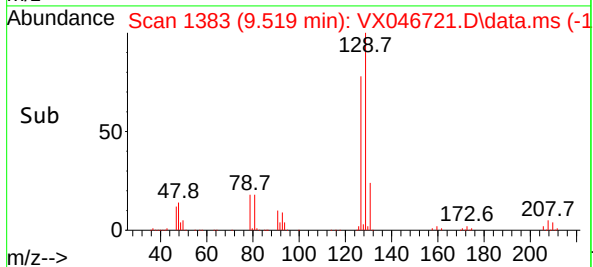
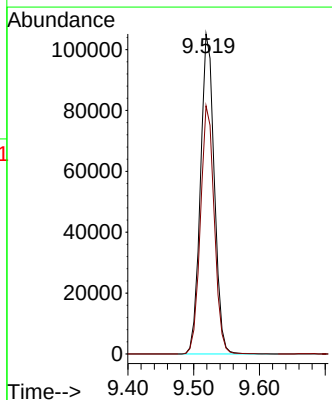
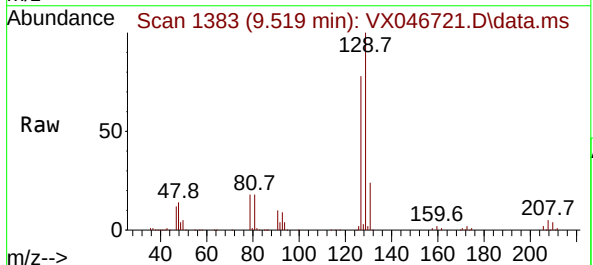
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

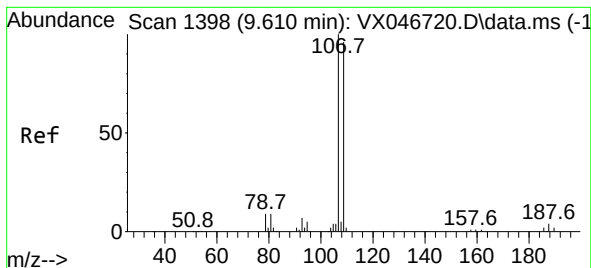
Tgt Ion: 43 Resp: 587221
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.4



#60
Dibromochloromethane
Concen: 108.983 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 129 Resp: 153731
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61

1,2-Dibromoethane

Concen: 109.444 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

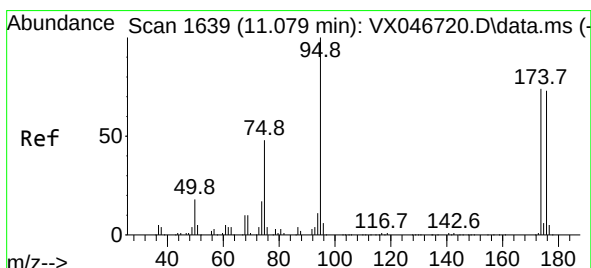
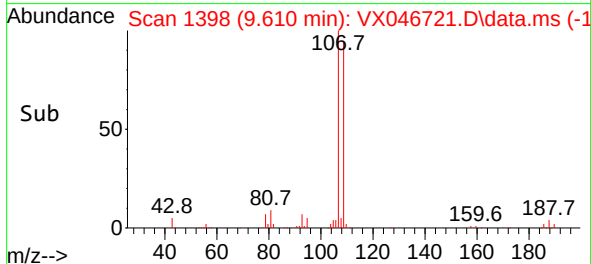
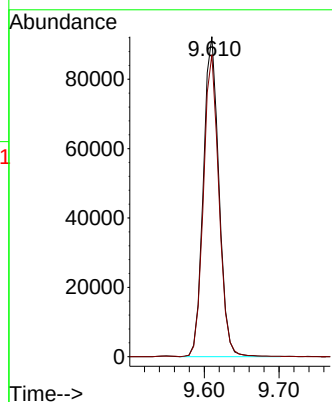
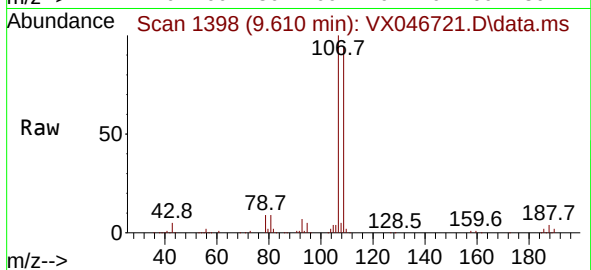
VSTDIC100

Tgt Ion:107 Resp: 133253

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 105.156 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

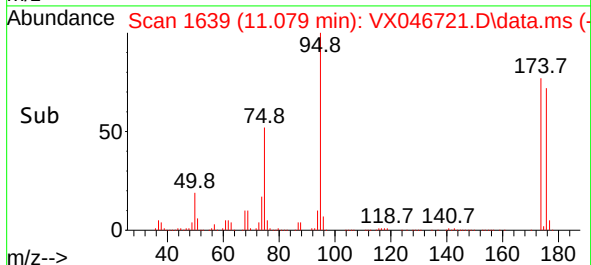
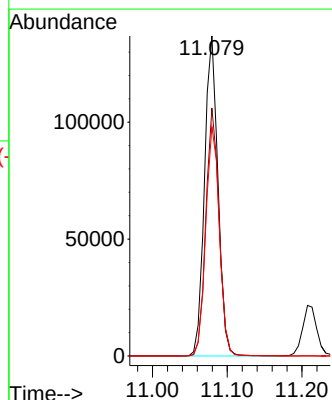
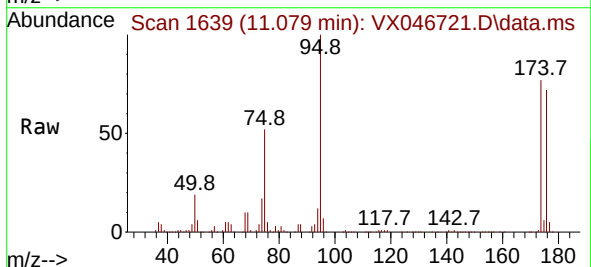
Tgt Ion: 95 Resp: 170795

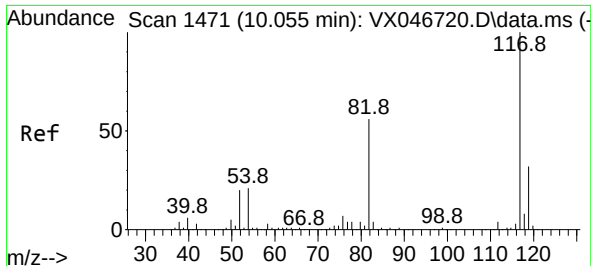
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 72.7 0.0 145.0

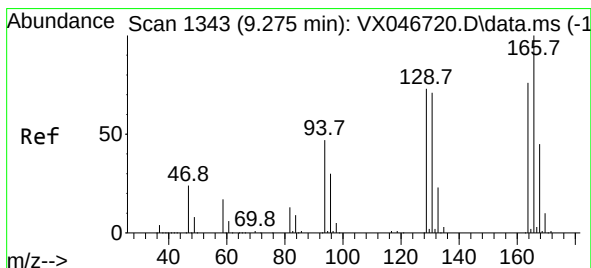
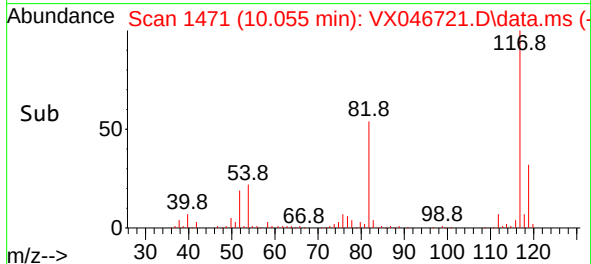
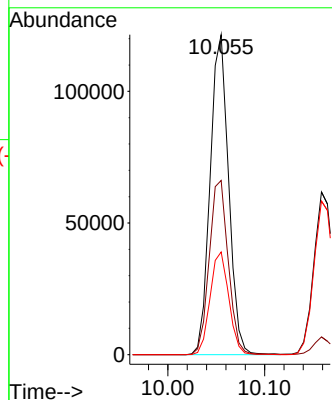
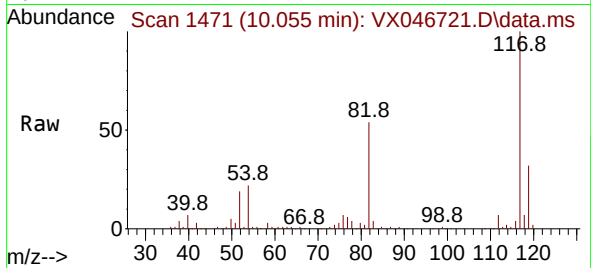




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

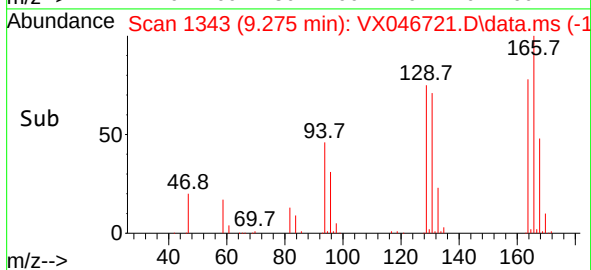
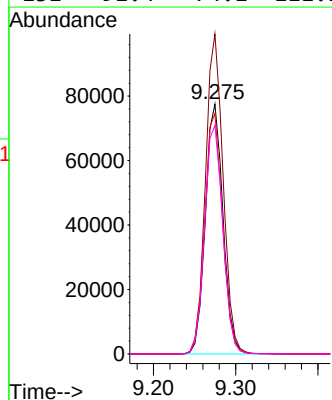
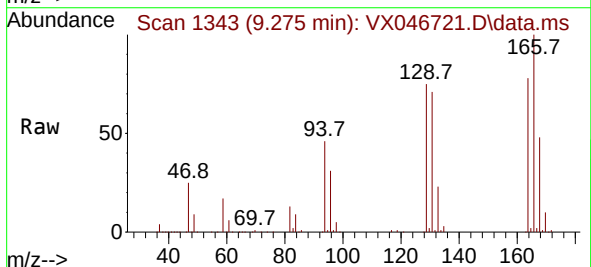
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

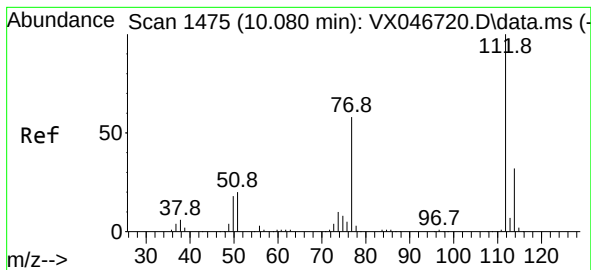
Tgt Ion:117 Resp: 160869
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 103.876 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:164 Resp: 115774
Ion Ratio Lower Upper
164 100
166 128.0 104.6 157.0
129 96.2 76.3 114.5
131 91.4 74.1 111.1

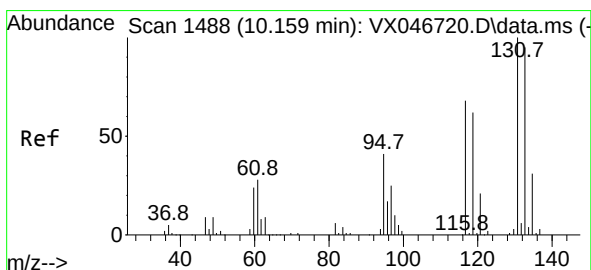
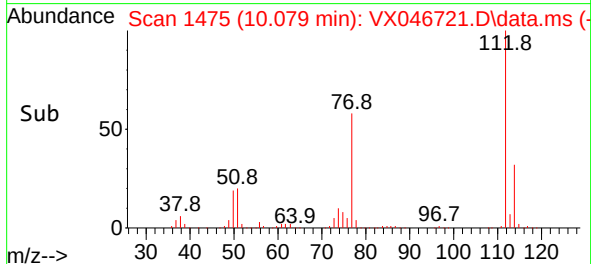
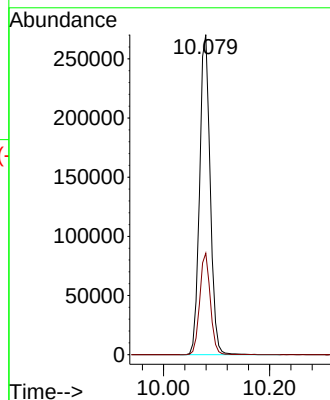
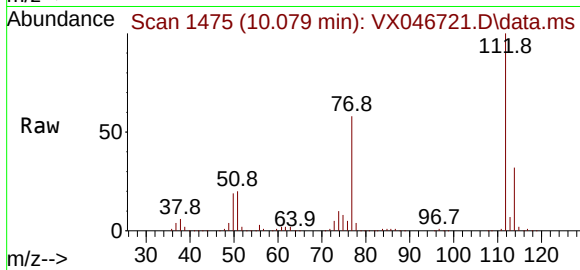




#65
Chlorobenzene
Concen: 105.577 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

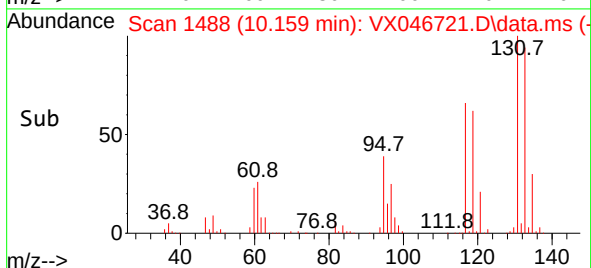
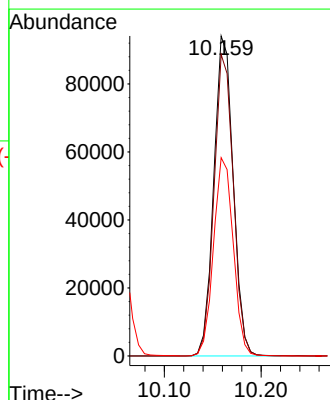
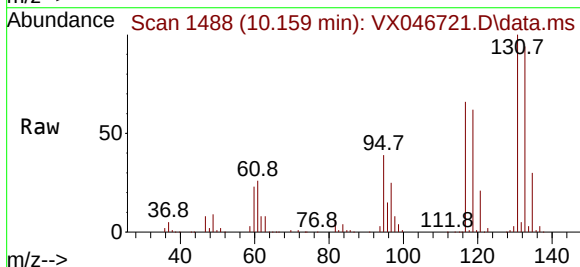
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

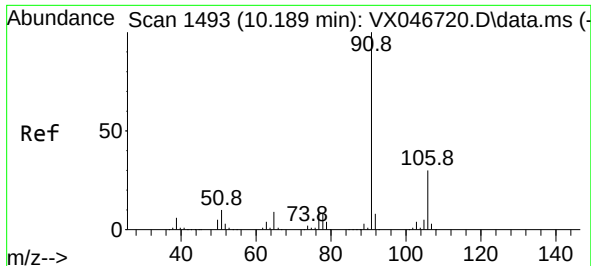
Tgt Ion:112 Resp: 374913
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 109.876 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:131 Resp: 131134
Ion Ratio Lower Upper
131 100
133 93.8 47.3 141.8
119 63.0 32.1 96.3





#67

Ethyl Benzene

Concen: 106.914 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

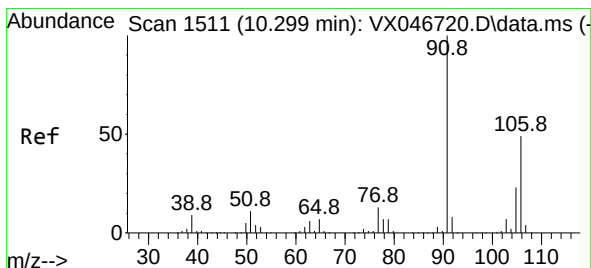
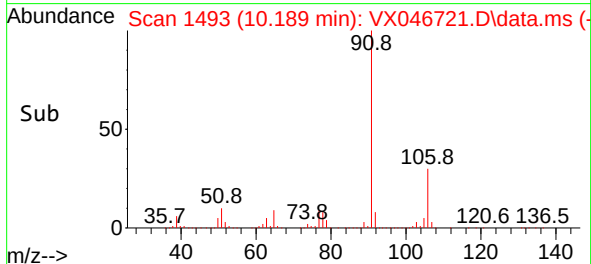
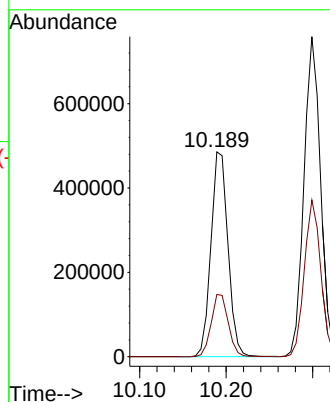
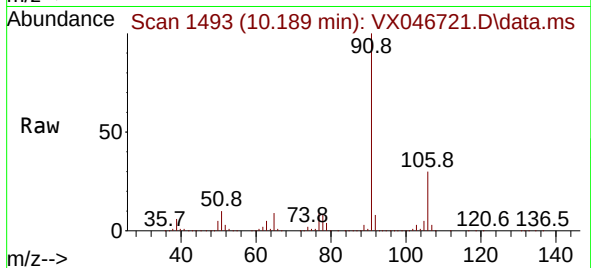
VSTDICC100

Tgt Ion: 91 Resp: 663369

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 213.003 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046721.D

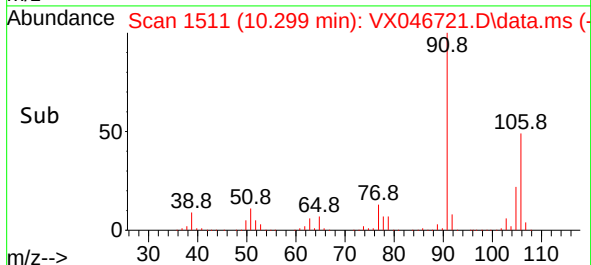
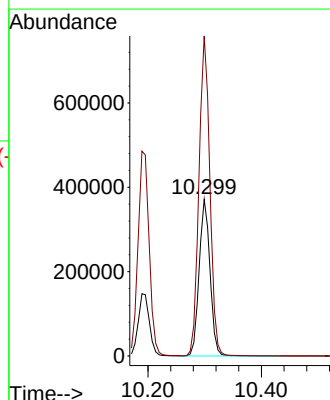
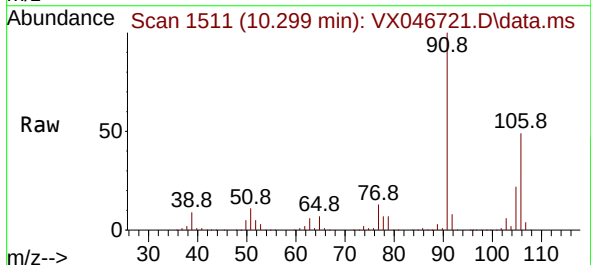
Acq: 17 Jun 2025 14:41

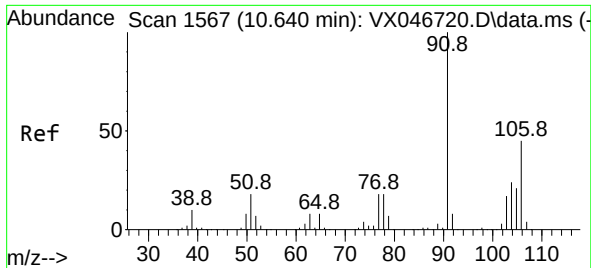
Tgt Ion:106 Resp: 492448

Ion Ratio Lower Upper

106 100

91 206.0 164.8 247.2

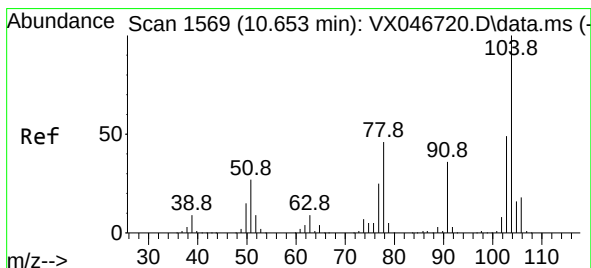
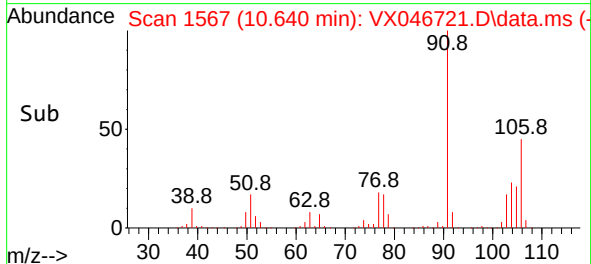
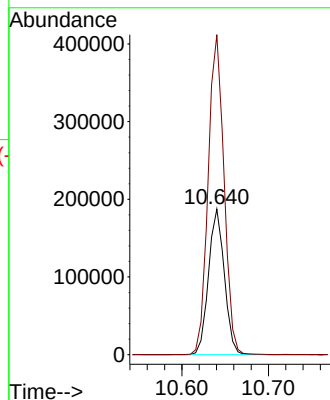
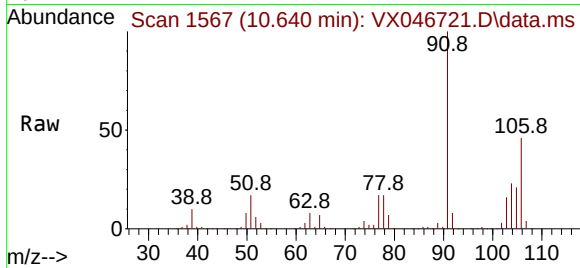




#69
o-Xylene
Concen: 109.675 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

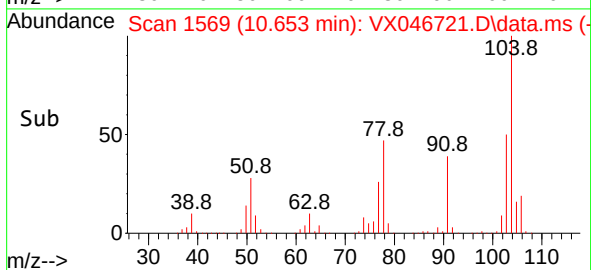
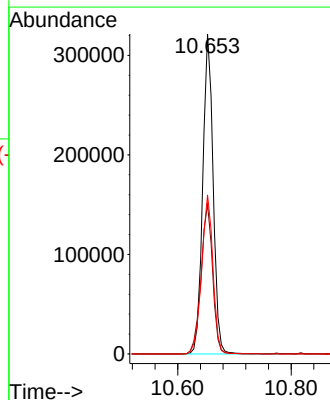
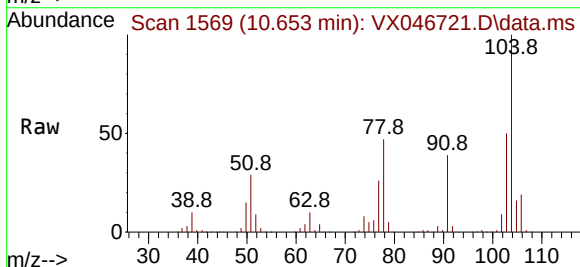
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

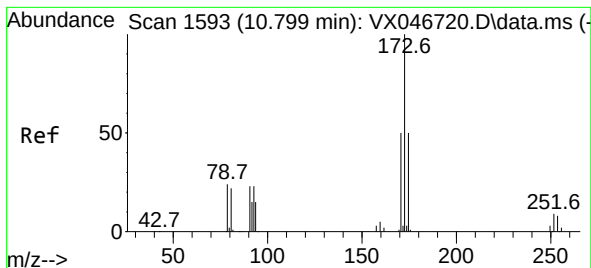
Tgt Ion:106 Resp: 237631
Ion Ratio Lower Upper
106 100
91 220.5 111.3 333.9



#70
Styrene
Concen: 107.488 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:104 Resp: 407566
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.2
103 54.3 43.1 64.7





#71

Bromoform

Concen: 111.485 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

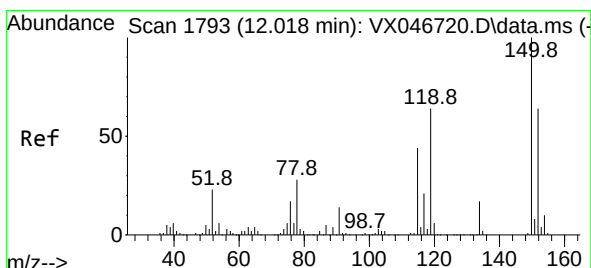
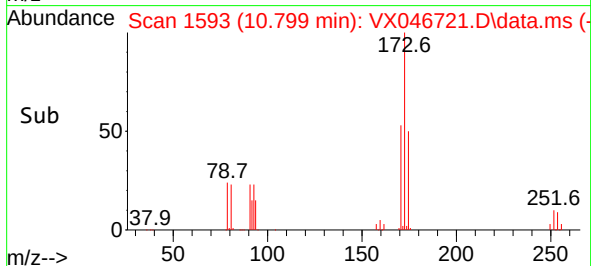
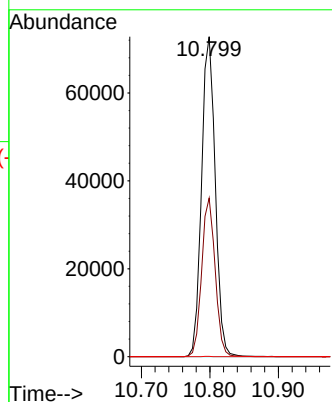
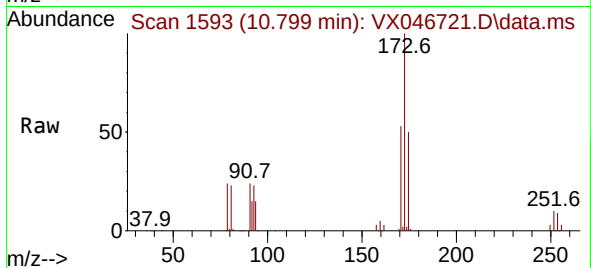
Tgt Ion:173 Resp: 101329

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.1 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: VX046721.D

Acq: 17 Jun 2025 14:41

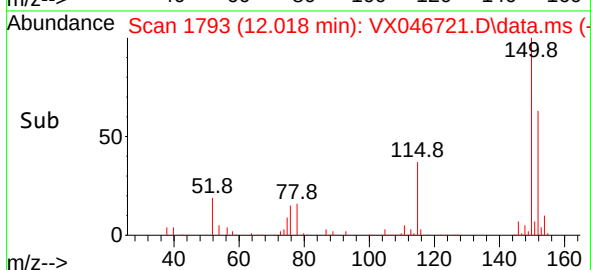
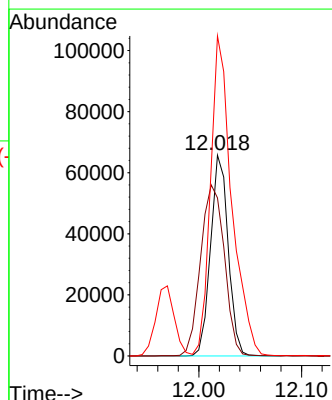
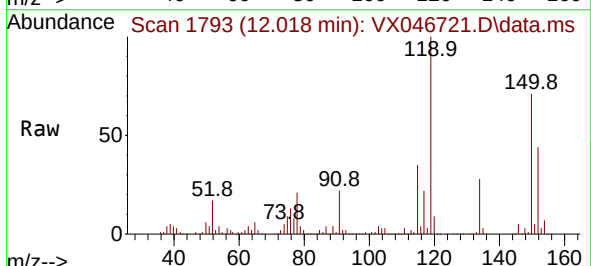
Tgt Ion:152 Resp: 78522

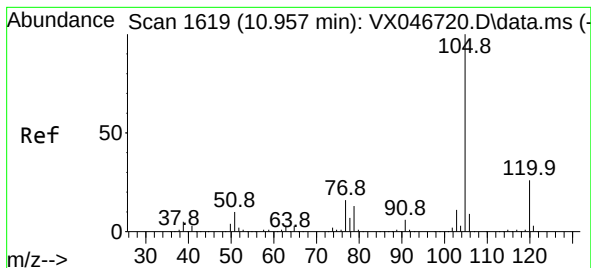
Ion Ratio Lower Upper

152 100

115 115.4 43.2 129.6

150 191.6 0.0 346.8





#73

Isopropylbenzene

Concen: 108.731 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

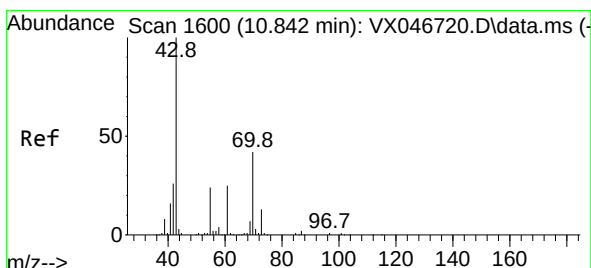
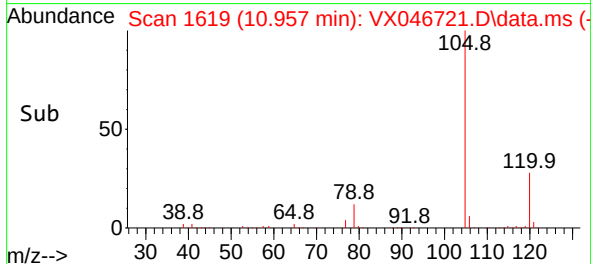
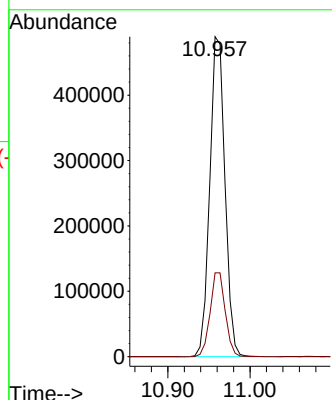
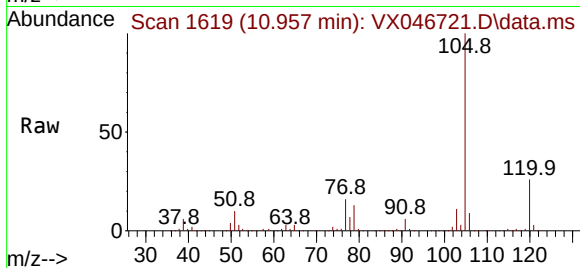
VSTDIC100

Tgt Ion:105 Resp: 628803

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 118.945 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Tgt Ion: 43 Resp: 260620

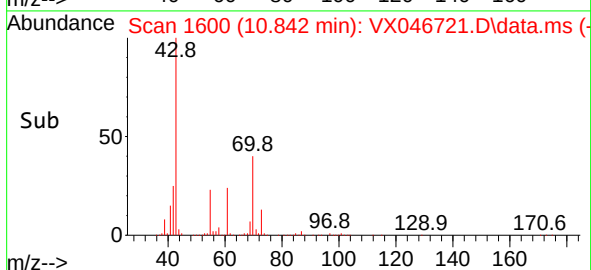
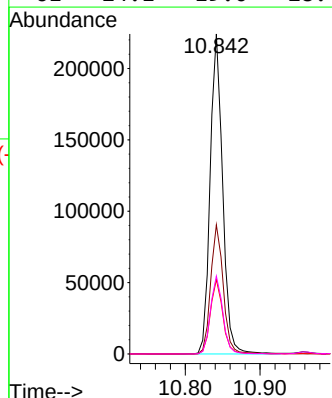
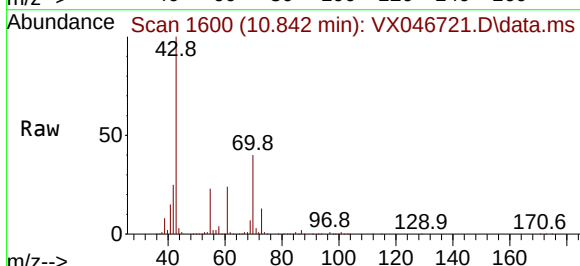
Ion Ratio Lower Upper

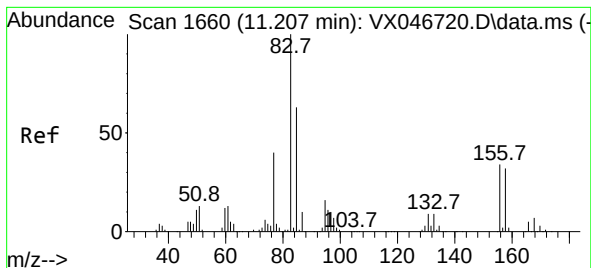
43 100

70 40.8 33.4 50.0

55 23.2 19.1 28.7

61 24.1 19.0 28.4

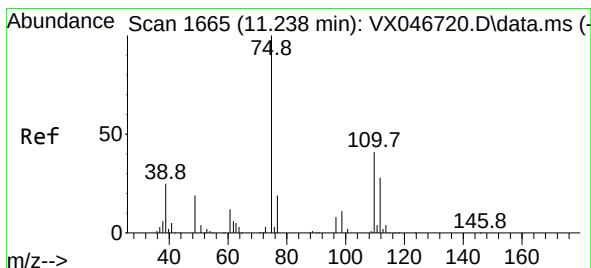
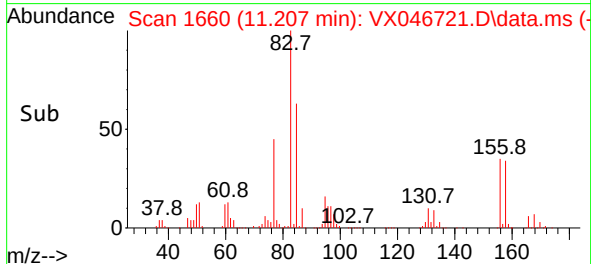
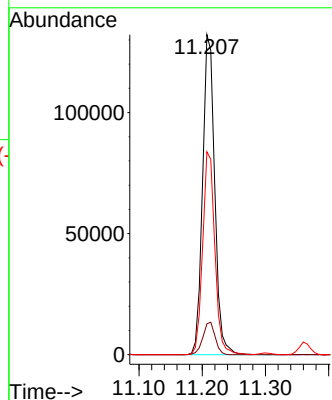
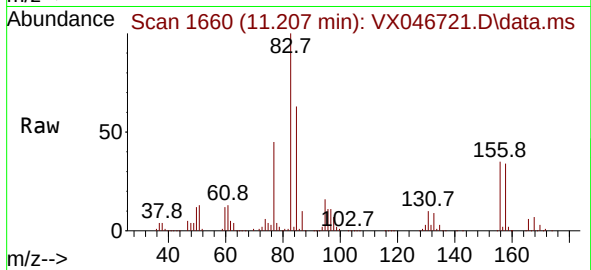




#75
 1,1,2,2-Tetrachloroethane
 Concen: 109.317 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

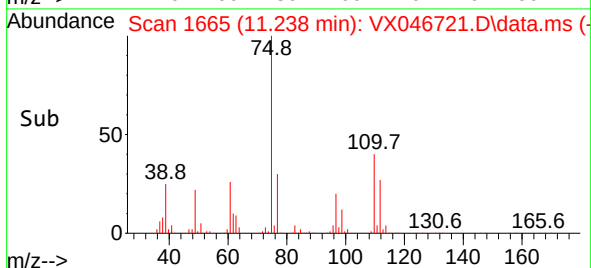
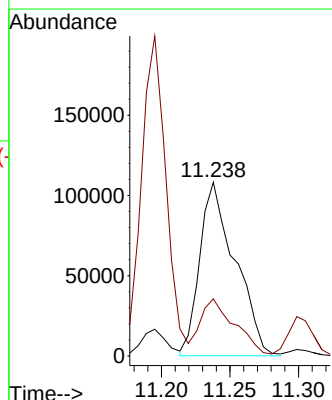
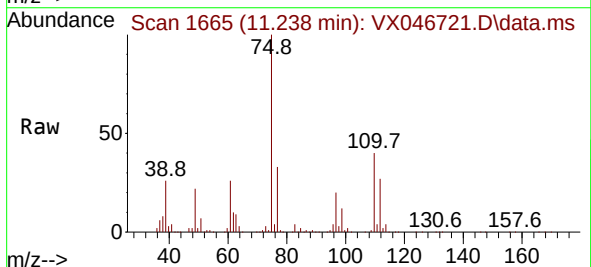
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

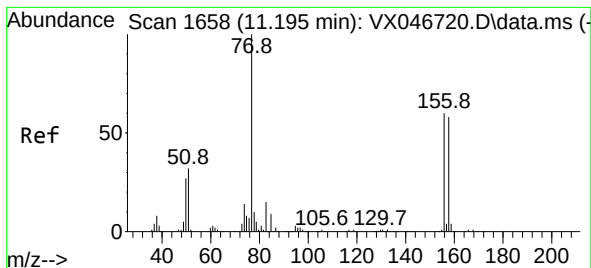
Tgt Ion: 83 Resp: 176523
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.6
 85 63.8 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 122.161 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion: 75 Resp: 194835
 Ion Ratio Lower Upper
 75 100
 77 32.2 18.5 55.5





#77

Bromobenzene

Concen: 107.864 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

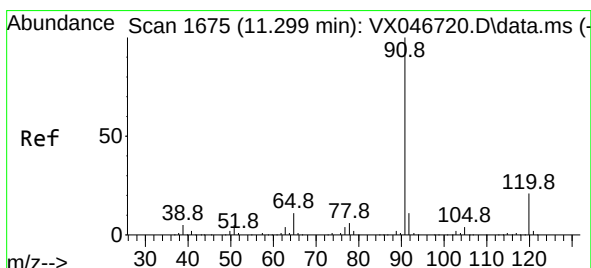
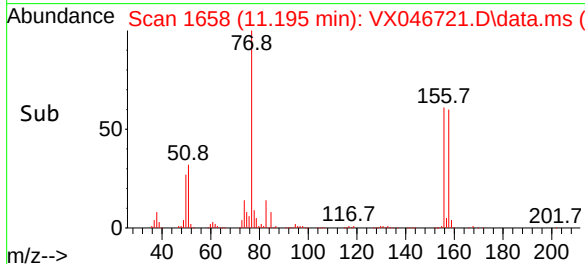
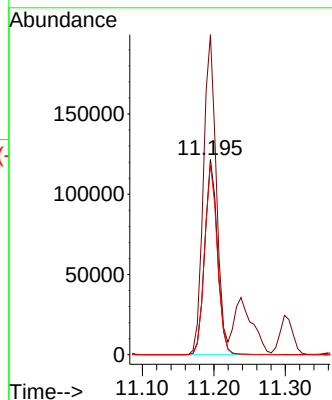
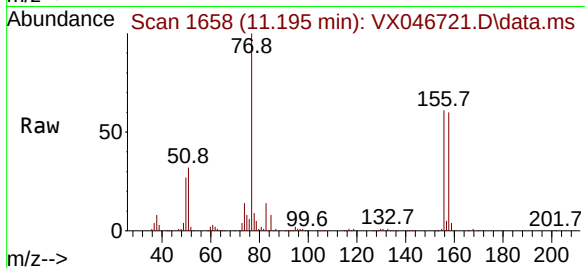
Tgt Ion:156 Resp: 150110

Ion Ratio Lower Upper

156 100

77 166.5 82.8 248.6

158 97.7 47.6 142.9



#78

n-propylbenzene

Concen: 108.310 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046721.D

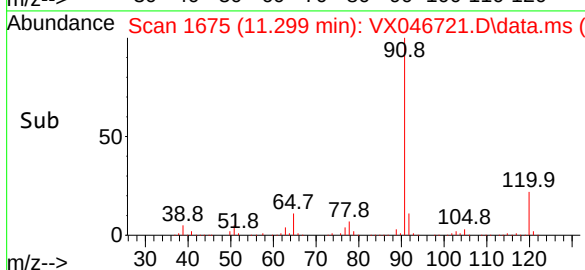
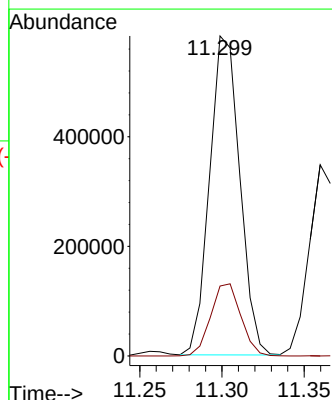
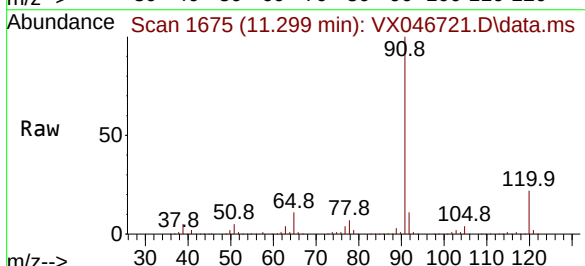
Acq: 17 Jun 2025 14:41

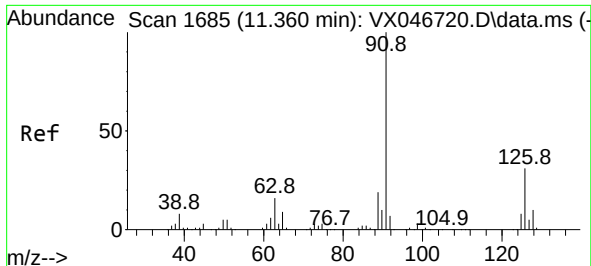
Tgt Ion: 91 Resp: 743979

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.1

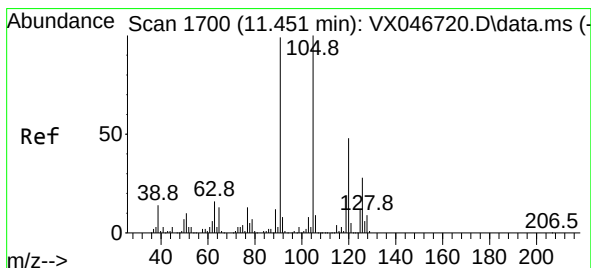
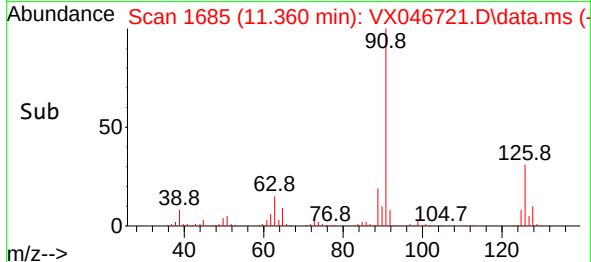
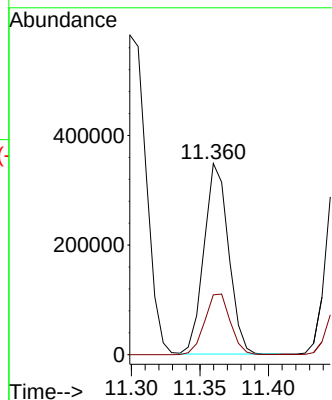
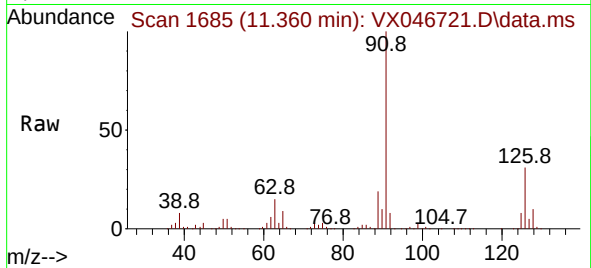




#79
2-Chlorotoluene
Concen: 106.065 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

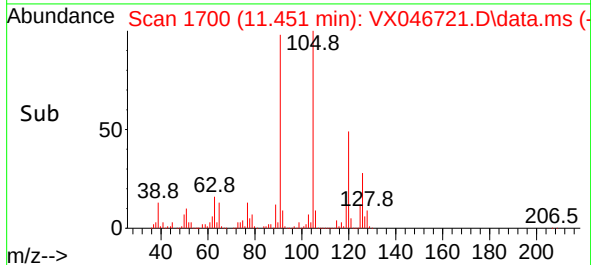
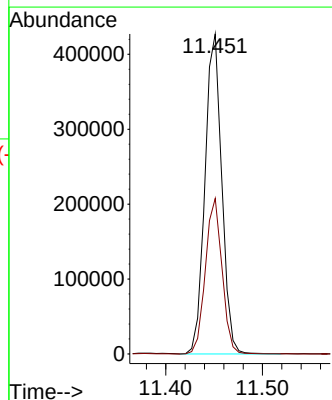
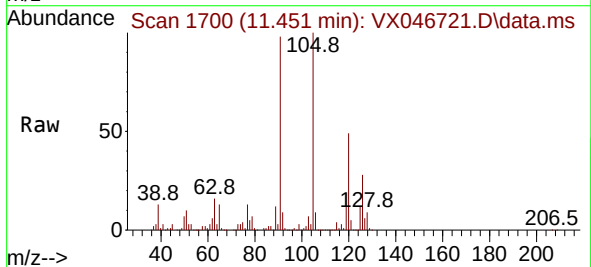
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

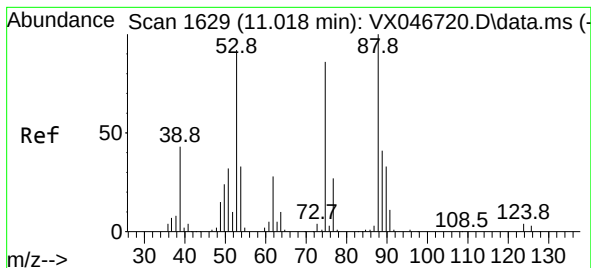
Tgt Ion: 91 Resp: 434989
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 108.848 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 517286
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2

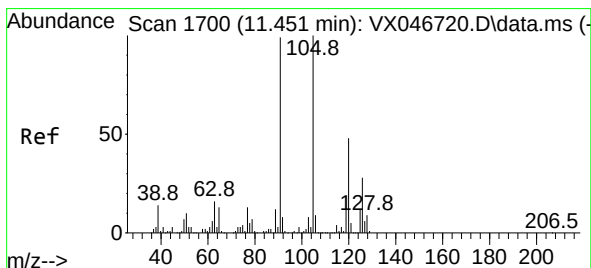
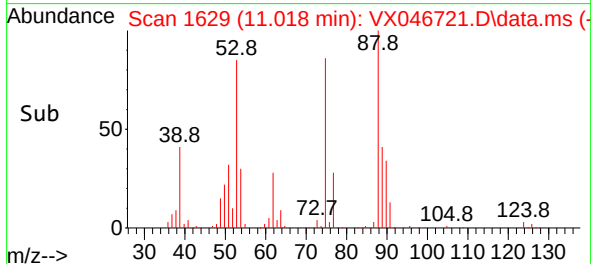
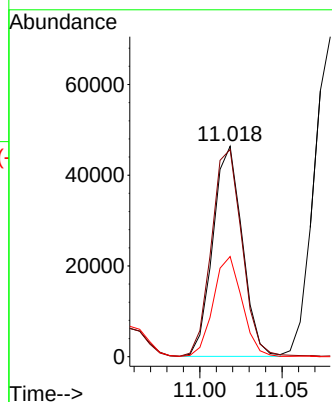
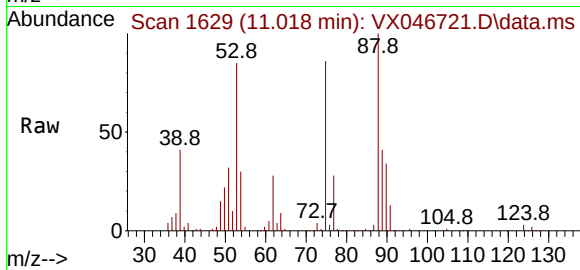




#81
trans-1,4-Dichloro-2-butene
Concen: 113.225 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

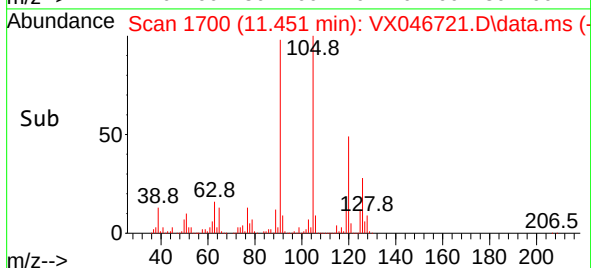
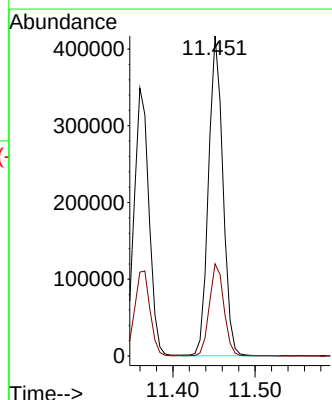
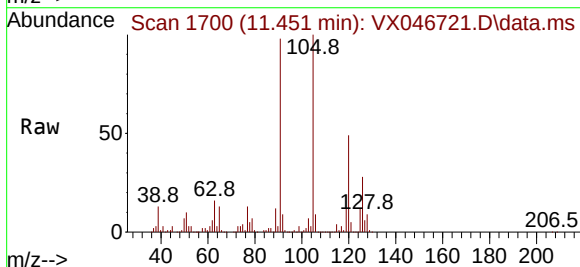
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

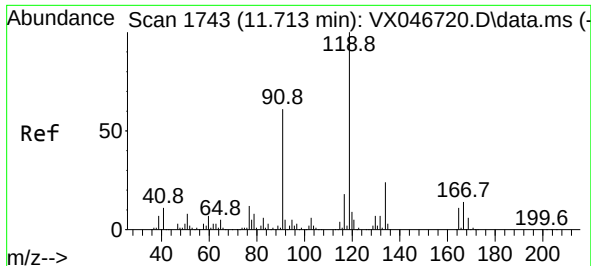
Tgt Ion: 75 Resp: 57608
Ion Ratio Lower Upper
75 100
53 103.4 86.8 130.2
89 46.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 105.896 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046721.D
Acq: 17 Jun 2025 14:41

Tgt Ion: 91 Resp: 506852
Ion Ratio Lower Upper
91 100
126 29.1 14.4 43.2

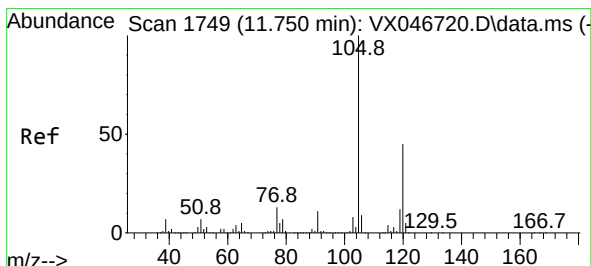
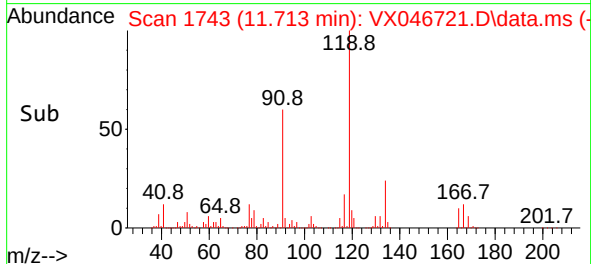
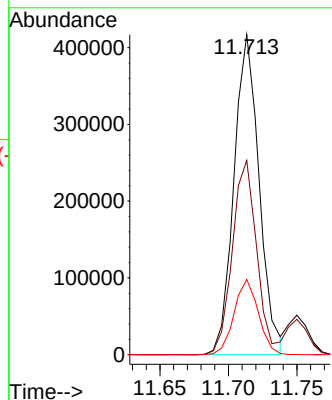
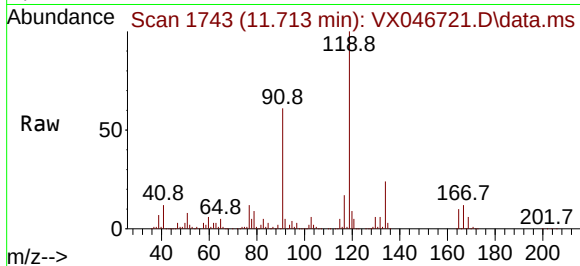




#83
 tert-Butylbenzene
 Concen: 108.548 ug/l
 RT: 11.713 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

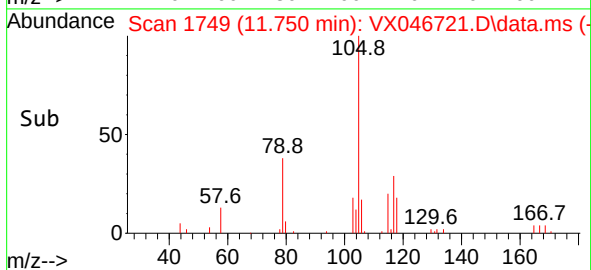
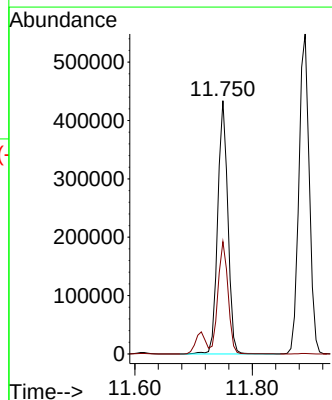
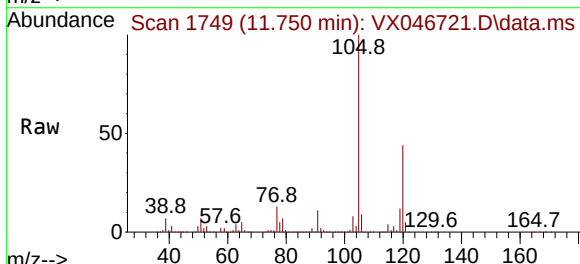
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

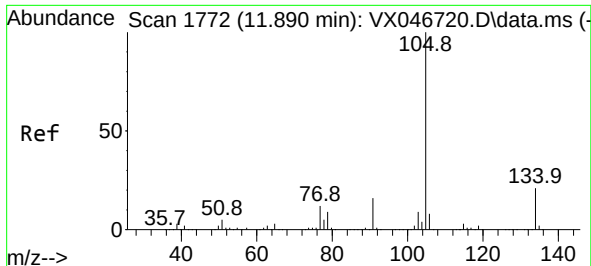
Tgt Ion:119 Resp: 533235
 Ion Ratio Lower Upper
 119 100
 91 59.1 29.5 88.6
 134 22.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 108.598 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion:105 Resp: 518524
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.3

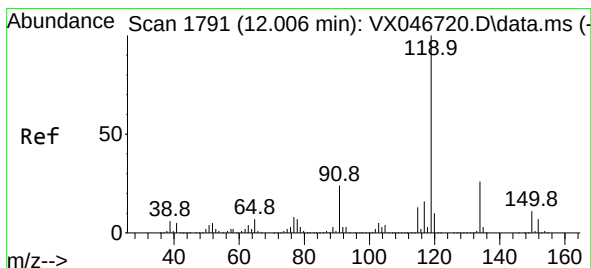
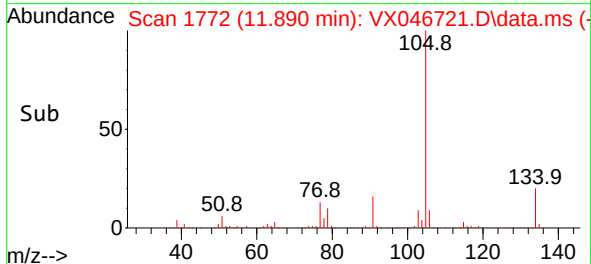
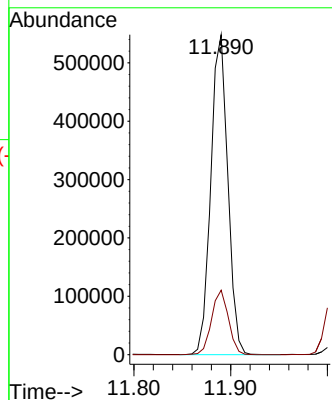
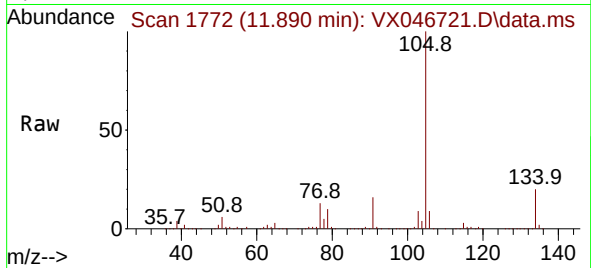




#85
 sec-Butylbenzene
 Concen: 108.062 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

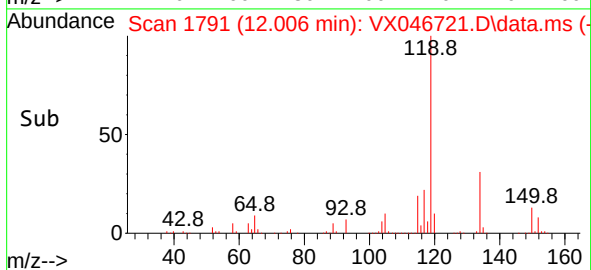
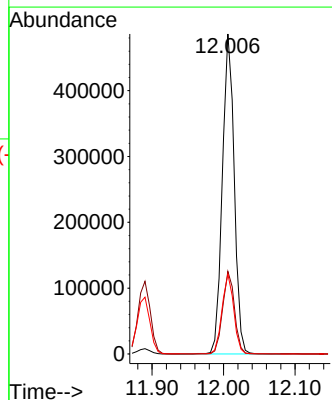
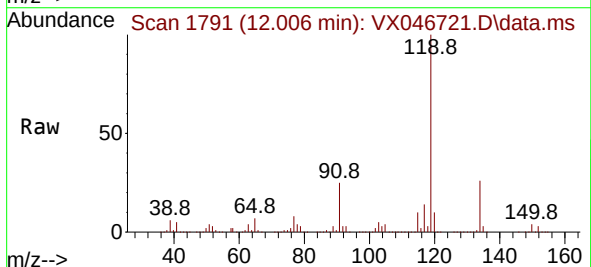
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

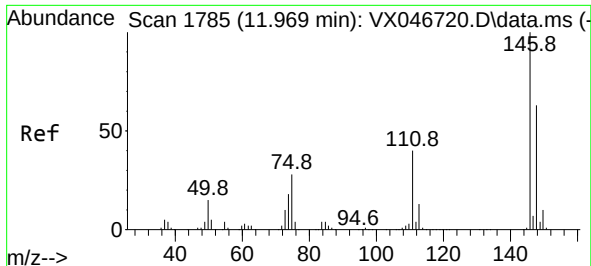
Tgt Ion:105 Resp: 670896
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 107.145 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion:119 Resp: 561258
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 103.388 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

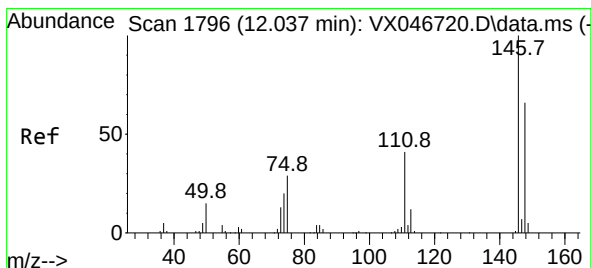
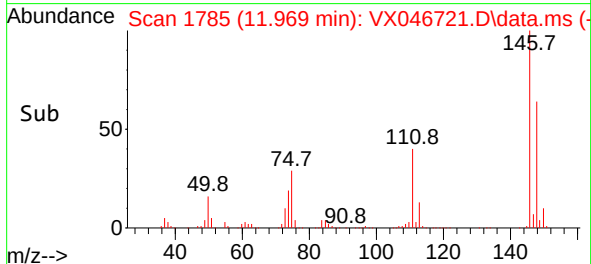
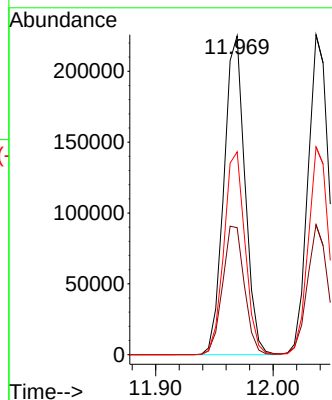
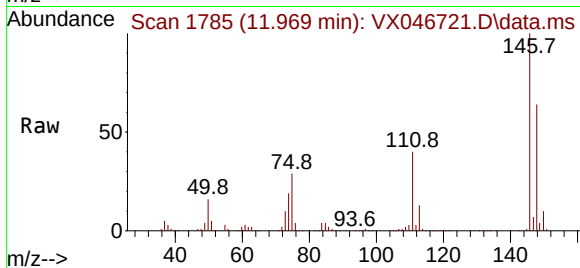
Tgt Ion:146 Resp: 280540

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

148 63.9 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 100.779 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

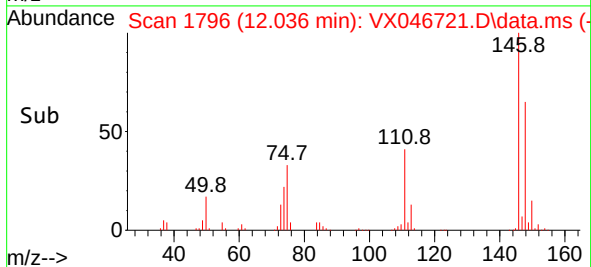
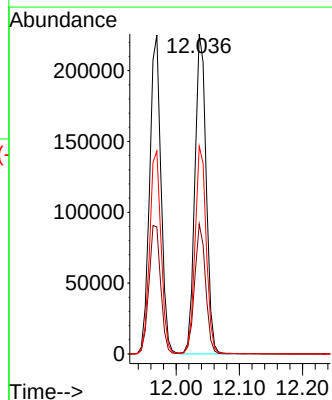
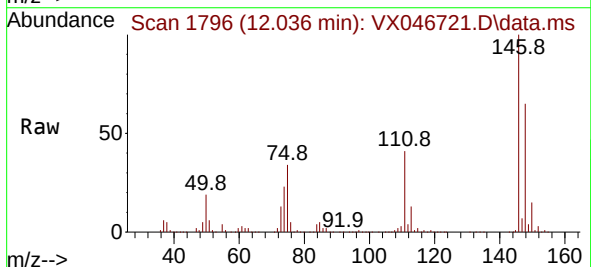
Tgt Ion:146 Resp: 280884

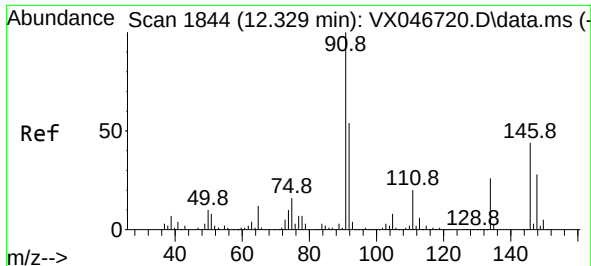
Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 107.822 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

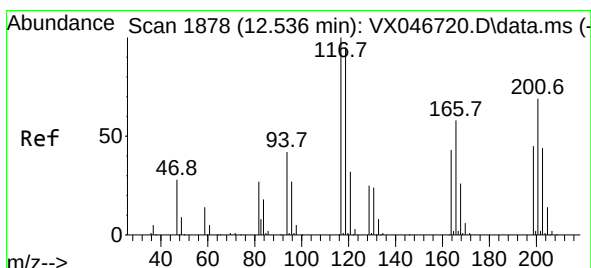
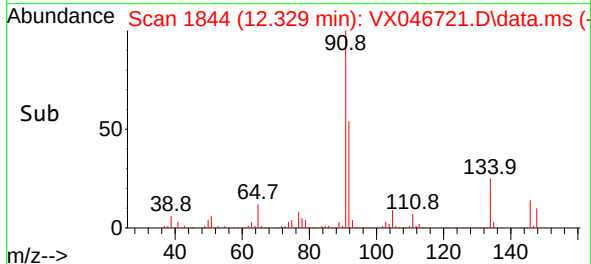
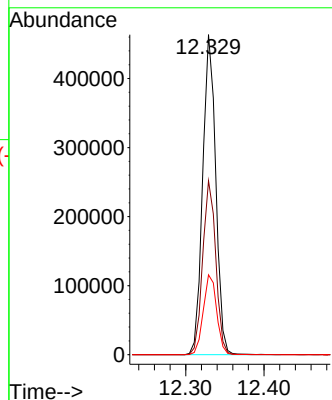
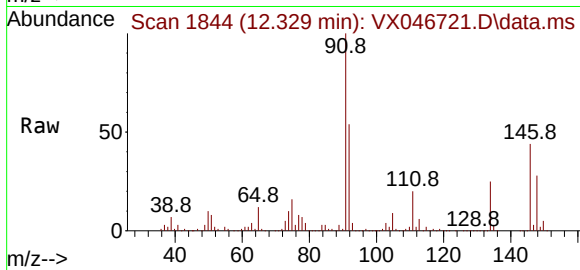
Tgt Ion: 91 Resp: 536268

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.3

134 25.6 12.9 38.6



#90

Hexachloroethane

Concen: 110.811 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046721.D

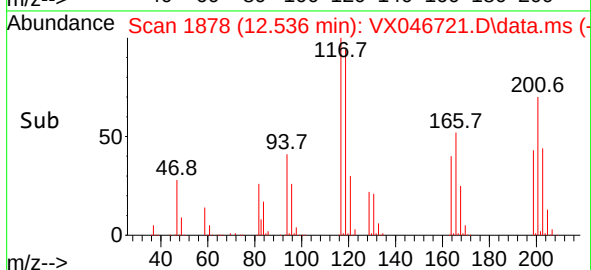
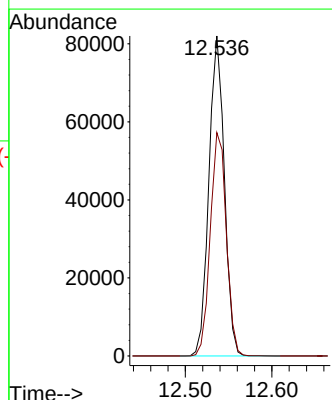
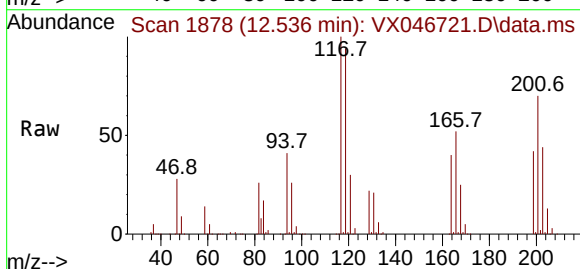
Acq: 17 Jun 2025 14:41

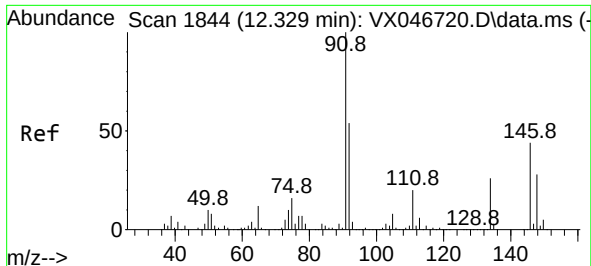
Tgt Ion: 117 Resp: 101647

Ion Ratio Lower Upper

117 100

201 72.5 34.4 103.3





#91

1,2-Dichlorobenzene

Concen: 105.466 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

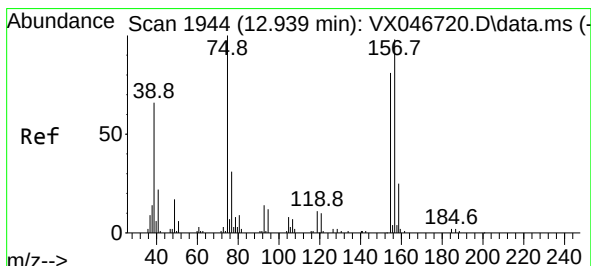
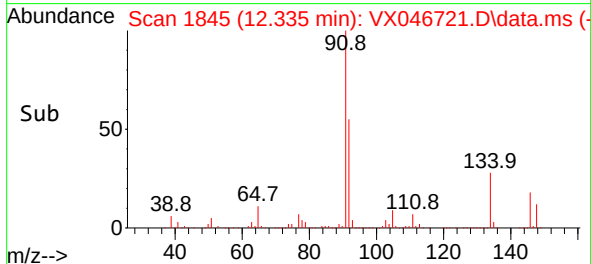
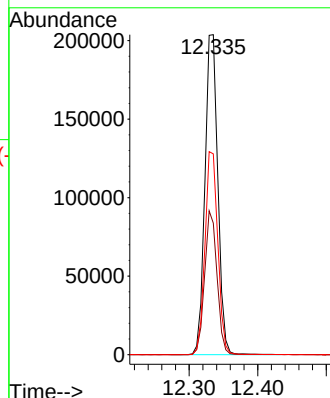
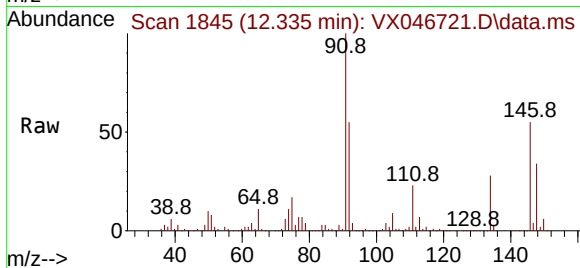
Tgt Ion:146 Resp: 267432

Ion Ratio Lower Upper

146 100

111 43.2 21.7 65.1

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 115.616 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

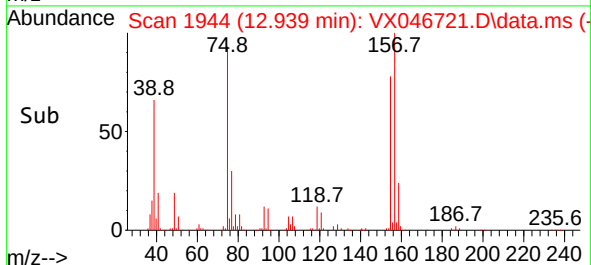
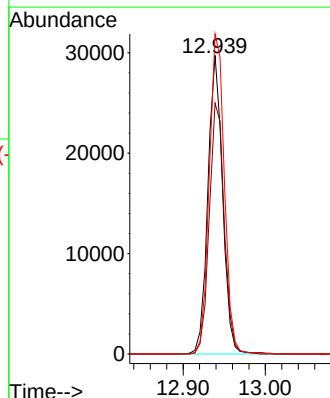
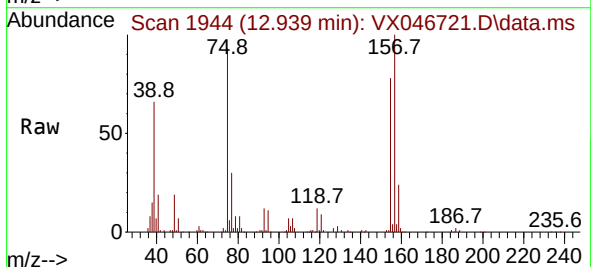
Tgt Ion: 75 Resp: 36858

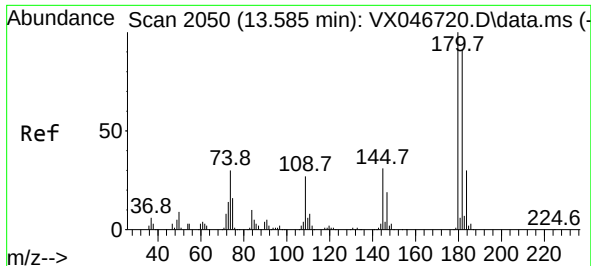
Ion Ratio Lower Upper

75 100

155 85.8 41.9 125.7

157 110.6 51.4 154.3

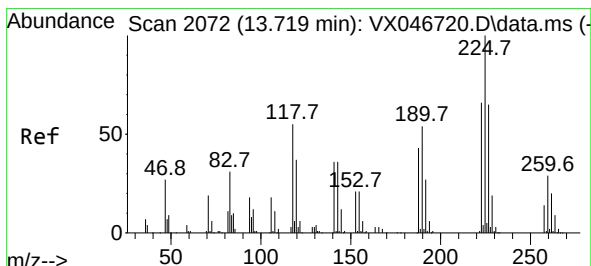
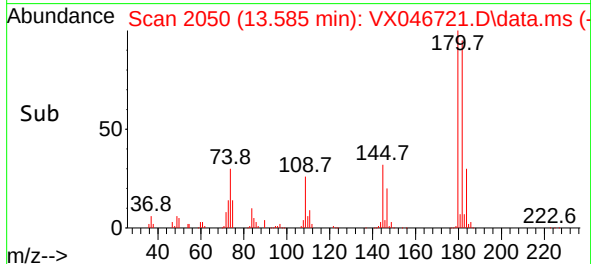
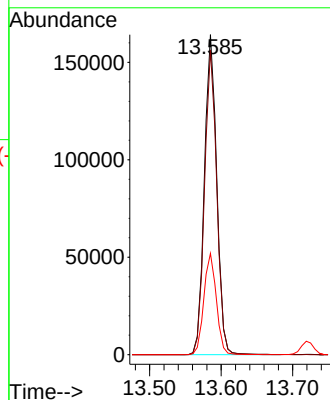
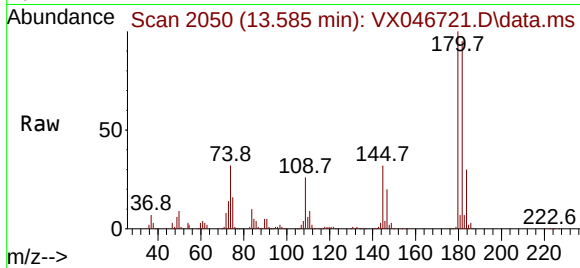




#93
 1,2,4-Trichlorobenzene
 Concen: 109.119 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

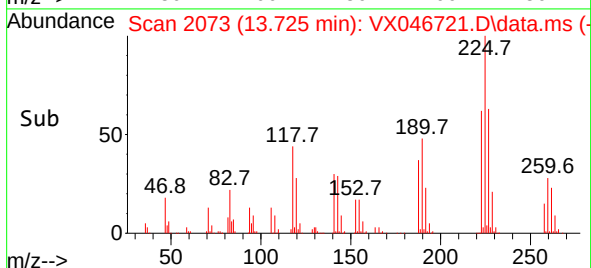
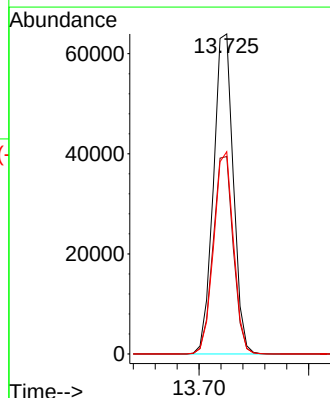
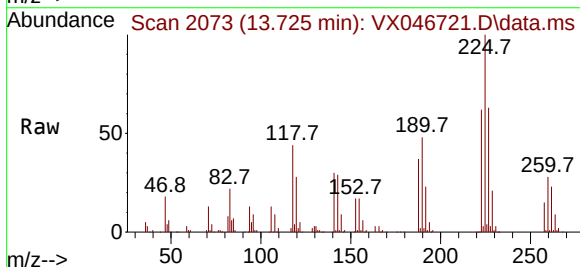
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

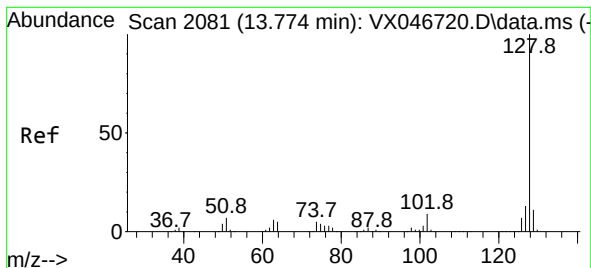
Tgt Ion:180 Resp: 196715
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.7 140.1
 145 32.0 15.8 47.4



#94
 Hexachlorobutadiene
 Concen: 106.029 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX046721.D
 Acq: 17 Jun 2025 14:41

Tgt Ion:225 Resp: 80407
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.5 97.5
 227 63.0 32.2 96.6





#95

Naphthalene

Concen: 114.468 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

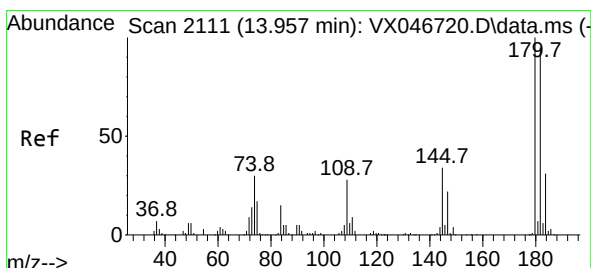
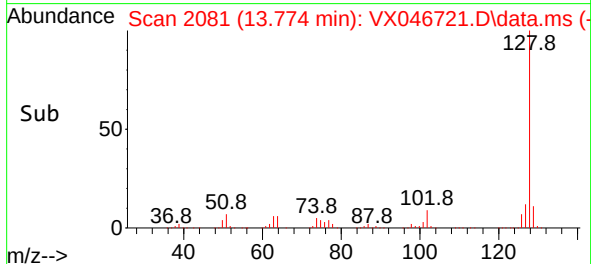
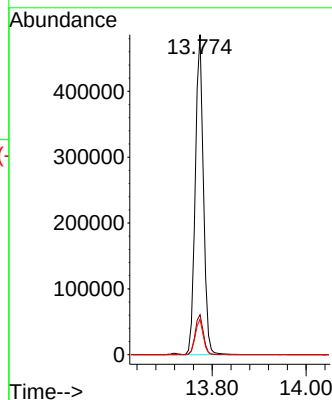
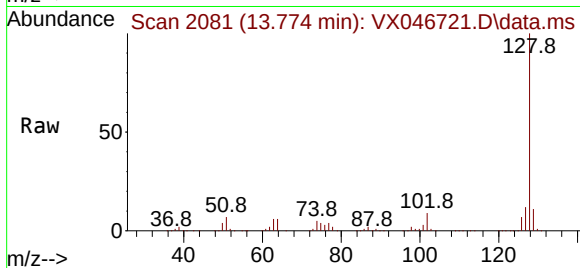
Tgt Ion:128 Resp: 587914

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 109.861 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046721.D

Acq: 17 Jun 2025 14:41

Tgt Ion:180 Resp: 189473

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.4

145 34.4 17.3 51.9

