

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046614.D
 Acq On : 10 Jun 2025 20:19
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 11 05:56:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 05:53:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	20339	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	108711	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100056	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	51846	27.060	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	90.200%#
60) 4-Bromofluorobenzene	11.079	95	51515	28.084	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.600%
63) Toluene-d8	8.653	98	135945	25.528	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	85.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	6570	3.970	ug/l	99
3) Chloromethane	1.307	50	7029	3.631	ug/l	97
4) Vinyl Chloride	1.386	62	6659	3.553	ug/l	100
5) Bromomethane	1.624	94	4379	5.987	ug/l	86
6) Chloroethane	1.703	64	3876	3.884	ug/l	96
7) Trichlorofluoromethane	1.904	101	9576	3.737	ug/l	96
8) Diethyl Ether	2.148	74	3434	3.599	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.349	101	6635	4.287	ug/l	97
10) 1,1-Dichloroethene	2.331	96	6274	4.171	ug/l	93
11) Methyl Iodide	2.465	142	7812	4.351	ug/l	97
12) Methyl Acetate	2.715	43	8141	4.326	ug/l	99
13) Acrolein	2.246	56	3773	11.663	ug/l	100
14) Acrylonitrile	3.075	53	16477	19.615	ug/l	96
15) Acetone	2.392	58	3564	16.008	ug/l	95
16) Carbon Disulfide	2.526	76	16246	3.799	ug/l	97
17) Allyl chloride	2.685	41	11278	4.010	ug/l	94
18) Methylene Chloride	2.807	84	7325	4.352	ug/l	98
19) trans-1,2-Dichloroethene	3.111	96	6558	4.296	ug/l	96
20) Diisopropyl ether	3.782	45	20640	3.834	ug/l	96
21) 1,1-Dichloroethane	3.623	63	12577	4.190	ug/l	97
22) cis-1,2-Dichloroethene	4.507	96	7461	4.085	ug/l	97
23) tert-Butyl Alcohol	2.965	59	3079	11.259	ug/l #	100
24) Methyl tert-Butyl Ether	3.130	73	17874	3.672	ug/l	99
25) Chloroform	5.105	83	13281	4.539	ug/l	93
26) Cyclohexane	5.483	56	11414	4.131	ug/l #	97
29) 1,1-Dichloropropene	5.702	75	8634	4.351	ug/l	100
30) 2-Butanone	4.574	43	18746	17.149	ug/l #	95
31) 2,2-Dichloropropane	4.495	77	7756	3.602	ug/l	95
33) Carbon Tetrachloride	5.684	117	9491	4.628	ug/l	98
34) Benzene	6.050	78	26529	4.329	ug/l	99
35) Methacrylonitrile	4.934	41	4456	3.751	ug/l	90
36) 1,2-Dichloroethane	6.111	62	10321	4.805	ug/l	96
37) Trichloroethene	7.135	130	6787	4.704	ug/l	94
38) Methylcyclohexane	7.391	83	10589	4.024	ug/l	99
39) 1,2-Dichloropropane	7.440	63	6348	4.180	ug/l	94
40) Dibromomethane	7.592	93	5059	4.591	ug/l	97
41) Bromodichloromethane	7.824	83	9535	4.313	ug/l #	96
42) Vinyl Acetate	3.739	43	77412	18.221	ug/l	98
43) Ethyl Acetate	4.739	43	7901	3.772	ug/l #	93

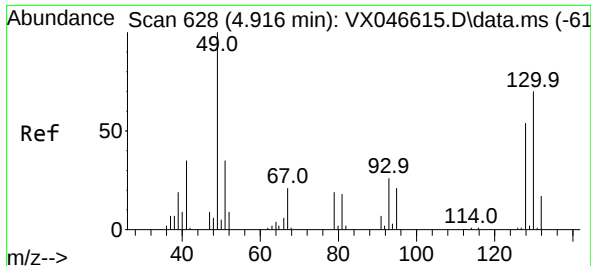
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 05:53:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.361	43	11865	3.470	ug/l	98
45) 1,4-Dioxane	7.678	88	1577	47.827	ug/l #	66
46) Methyl methacrylate	7.702	41	6215	3.627	ug/l	90
47) n-amyl Acetate	10.848	43	10344	3.541	ug/l	99
48) t-1,3-Dichloropropene	8.988	75	8052	3.828	ug/l	97
49) cis-1,3-Dichloropropene	8.373	75	9107	3.855	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	6180	4.347	ug/l	92
51) Ethyl methacrylate	9.122	69	8230	3.665	ug/l	95
52) 1,3-Dichloropropane	9.311	76	10513	4.209	ug/l	99
53) Dibromochloromethane	9.519	129	6791	4.264	ug/l	97
54) 1,2-Dibromoethane	9.616	107	6454	4.440	ug/l	94
55) 2-Chloroethyl vinyl ether	8.245	63	22805	19.690	ug/l	99
56) Bromoform	10.799	173	4103	4.083	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	40811	18.799	ug/l	98
59) 2-Hexanone	9.433	43	27294	17.430	ug/l	99
61) Tetrachloroethene	9.275	164	5776	4.781	ug/l	93
62) Toluene	8.720	91	27732	4.271	ug/l	99
64) Chlorobenzene	10.080	112	18438	4.574	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	5797	4.329	ug/l	98
66) Ethyl Benzene	10.195	91	31311	4.369	ug/l	95
67) m/p-Xylenes	10.305	106	22936	8.659	ug/l	97
68) o-Xylene	10.640	106	11097	4.286	ug/l	99
69) Styrene	10.659	104	18699	4.280	ug/l	99
70) Isopropylbenzene	10.964	105	30702	4.557	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	9519	4.357	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	9623	5.340	ug/l	85
73) Bromobenzene	11.201	156	7460	4.799	ug/l	97
74) n-propylbenzene	11.305	91	35787	4.437	ug/l	99
75) 2-Chlorotoluene	11.366	91	22257	4.585	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	25610	4.595	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	2205	3.597	ug/l	73
78) 4-Chlorotoluene	11.457	91	25479	4.653	ug/l	100
79) tert-butylbenzene	11.713	119	25323	4.521	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	24894	4.475	ug/l	98
81) sec-Butylbenzene	11.890	105	32733	4.630	ug/l	99
82) p-Isopropyltoluene	12.006	119	25993	4.517	ug/l	99
83) 1,3-Dichlorobenzene	11.970	146	13898	4.793	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	14175	4.923	ug/l	98
85) n-Butylbenzene	12.335	91	25235	4.722	ug/l	100
86) Hexachloroethane	12.536	117	4454	4.374	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	13468	4.757	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1679	3.904	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	8164	4.637	ug/l	99
90) Hexachlorobutadiene	13.725	225	3828	5.291	ug/l	100
91) Naphthalene	13.774	128	25102	4.155	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	8091	4.528	ug/l	99

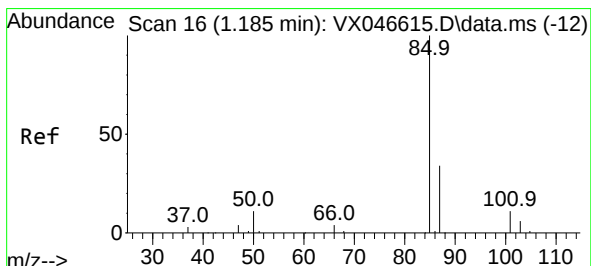
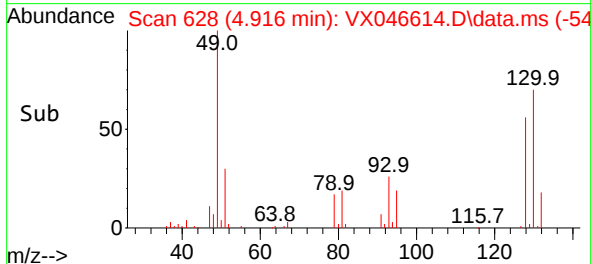
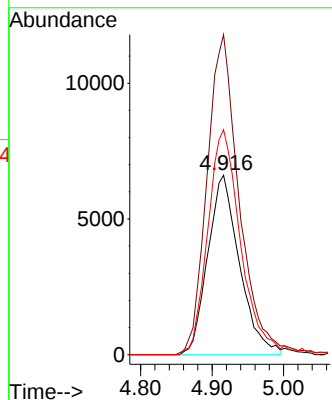
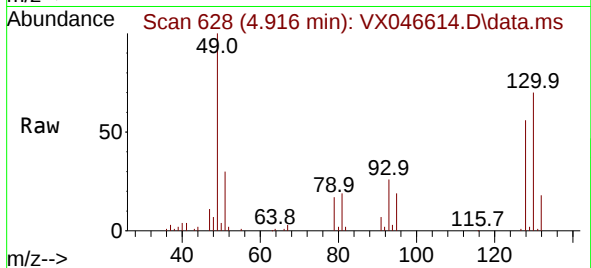
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

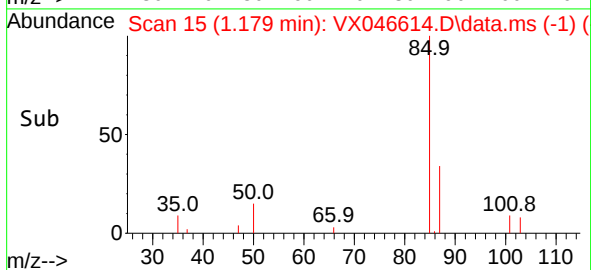
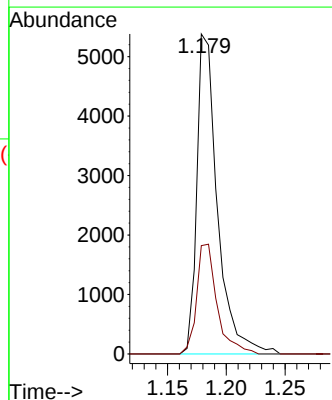
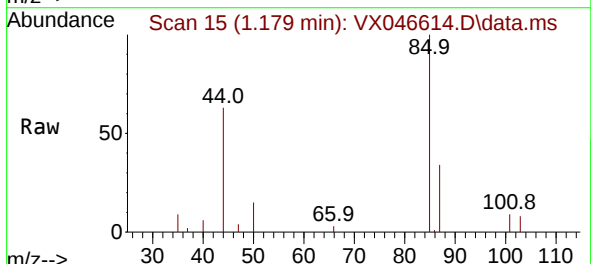
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

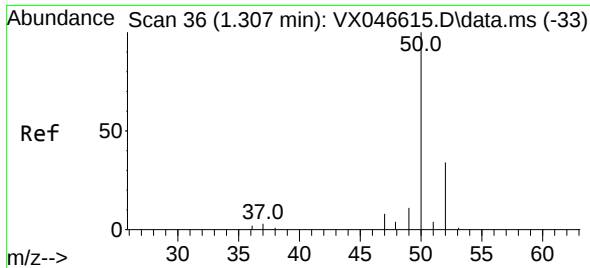
Tgt Ion:128 Resp: 20339
Ion Ratio Lower Upper
128 100
49 181.6 0.0 448.3
130 130.4 0.0 312.0



#2
Dichlorodifluoromethane
Concen: 3.970 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 85 Resp: 6570
Ion Ratio Lower Upper
85 100
87 33.9 17.1 51.3

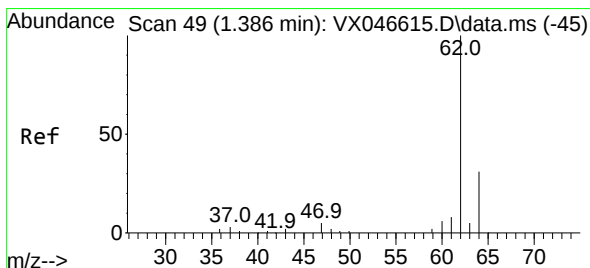
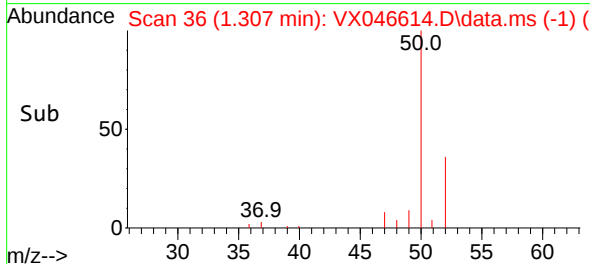
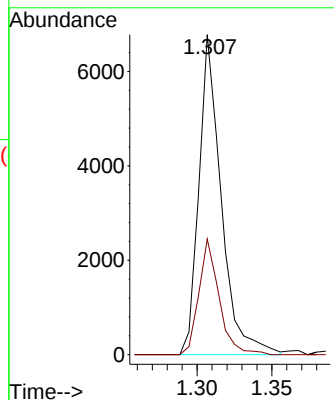
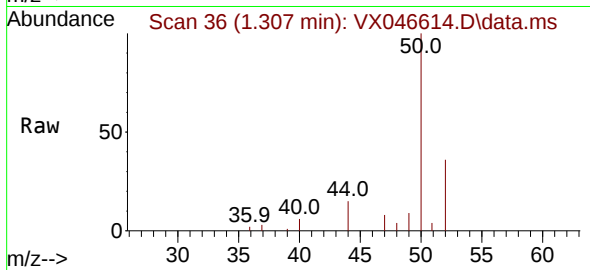




#3
Chloromethane
Concen: 3.631 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

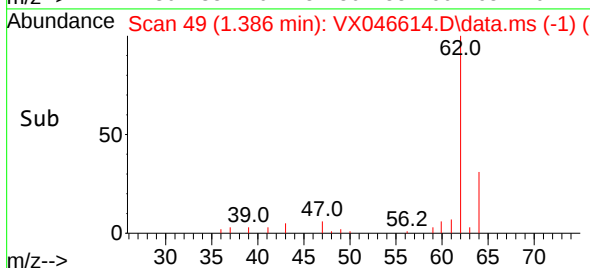
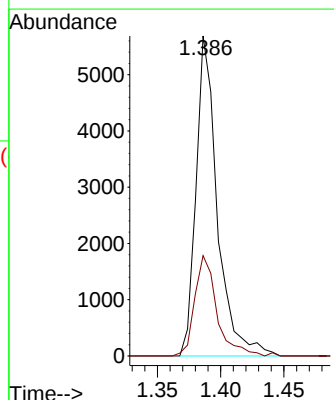
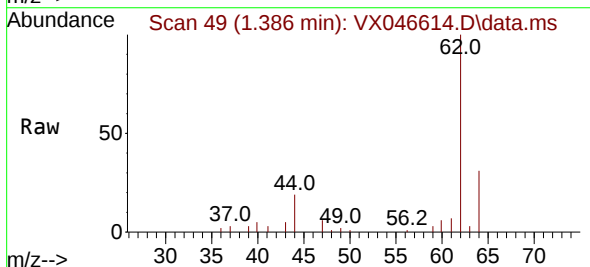
Instrument :
MSVOA_X
ClientSampleId :
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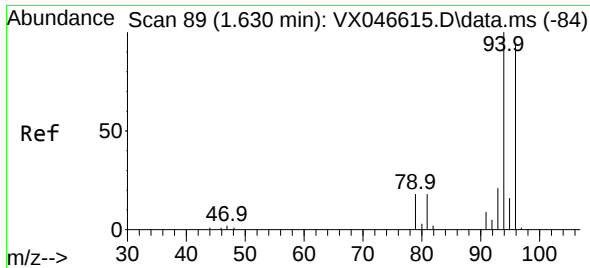
Tgt Ion: 50 Resp: 7029
Ion Ratio Lower Upper
50 100
52 36.1 27.4 41.2



#4
Vinyl Chloride
Concen: 3.553 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 62 Resp: 6659
Ion Ratio Lower Upper
62 100
64 31.3 25.2 37.8

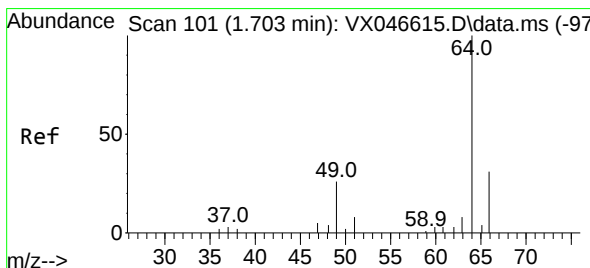
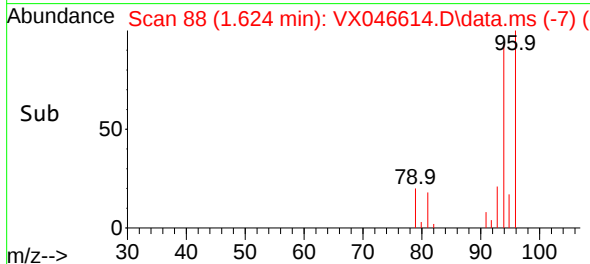
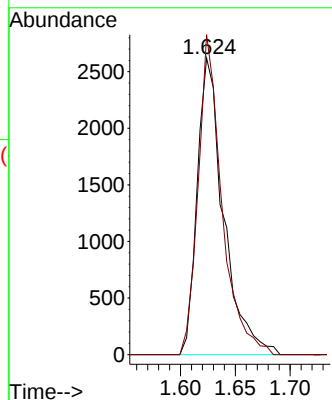
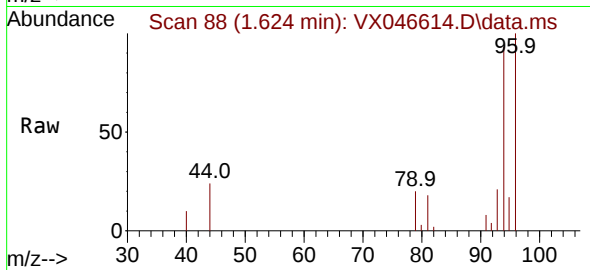




#5
Bromomethane
Concen: 5.987 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

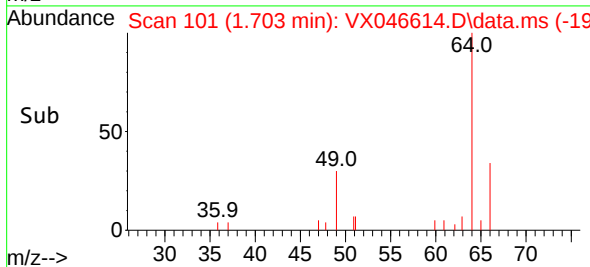
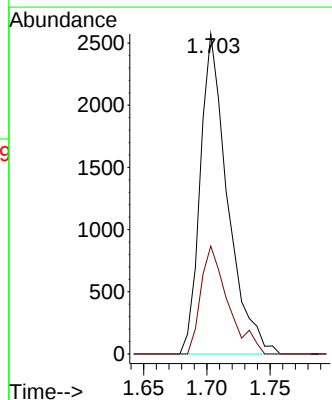
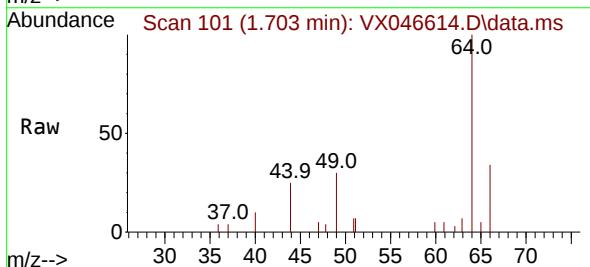
Instrument :
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ClientSampleId :
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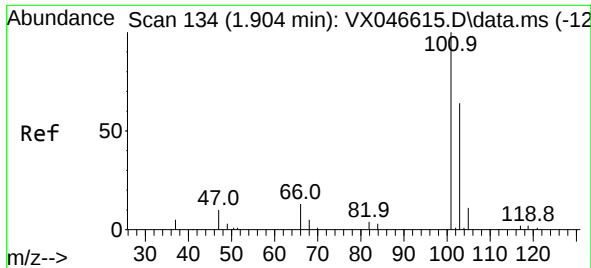
Tgt Ion: 94 Resp: 4379
Ion Ratio Lower Upper
94 100
96 107.9 75.5 113.3



#6
Chloroethane
Concen: 3.884 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 64 Resp: 3876
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.6

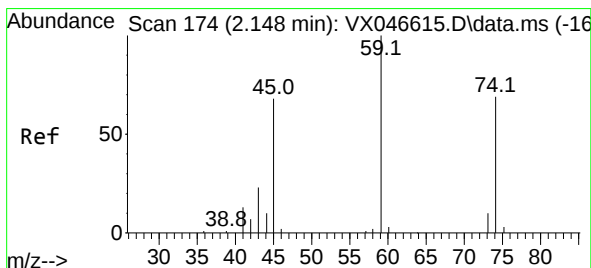
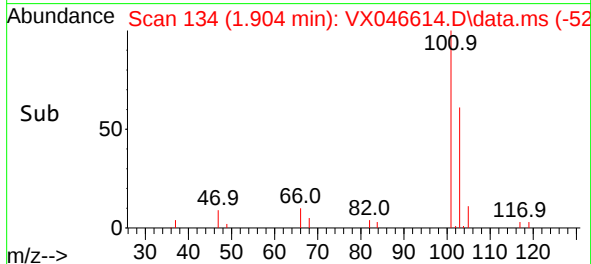
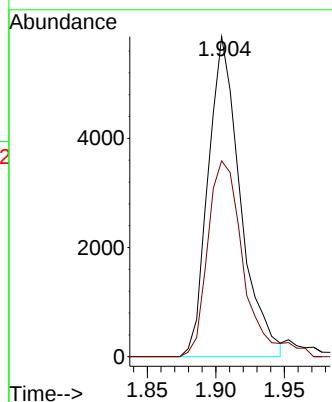
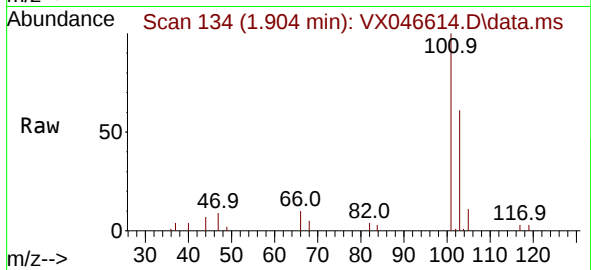




#7
 Trichlorofluoromethane
 Concen: 3.737 ug/l
 RT: 1.904 min Scan# 134
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

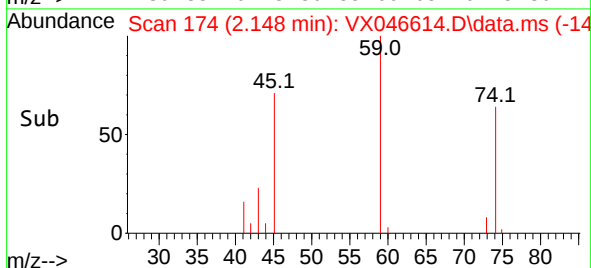
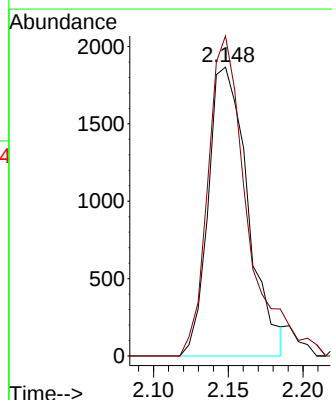
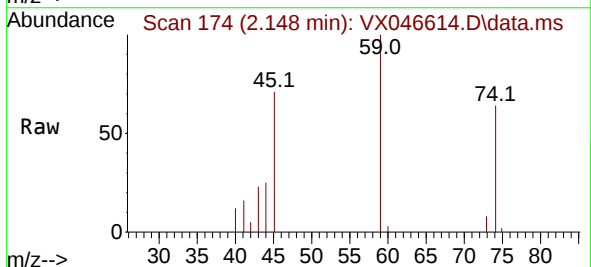
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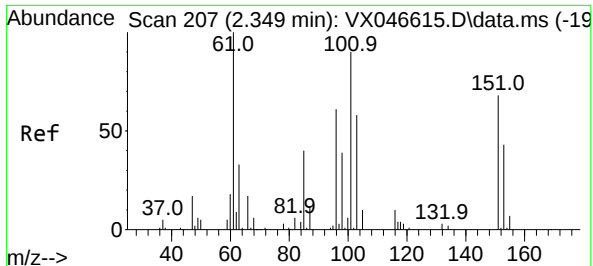
Tgt Ion:101 Resp: 9576
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 3.599 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

Tgt Ion: 74 Resp: 3434
 Ion Ratio Lower Upper
 74 100
 45 110.7 19.3 174.1

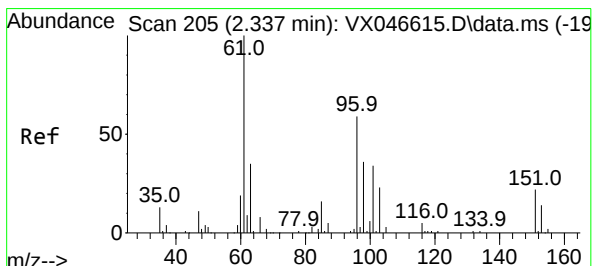
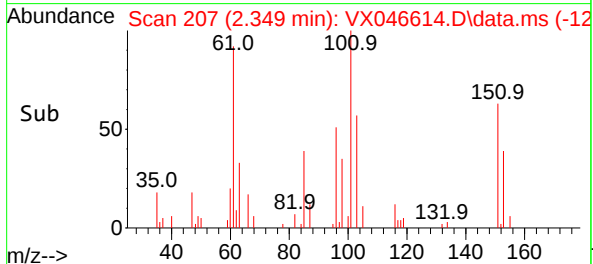
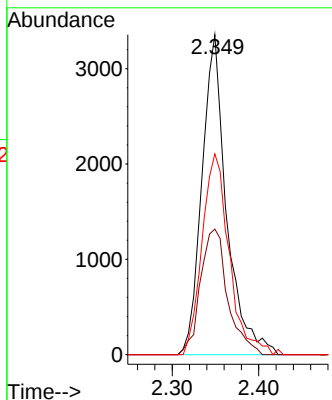
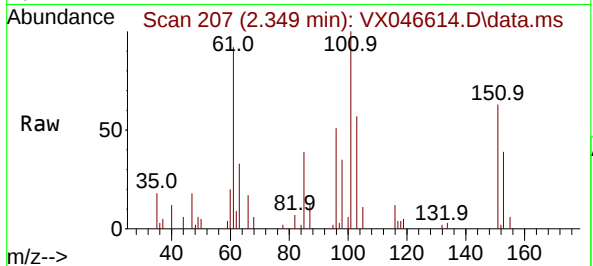




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.287 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

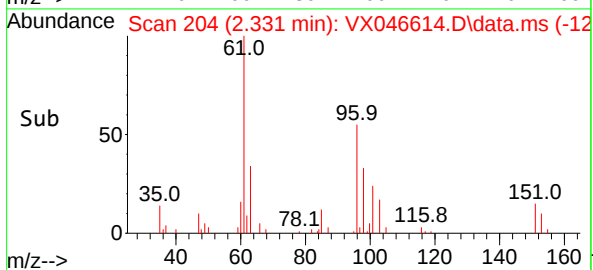
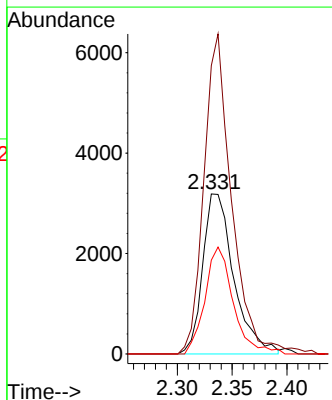
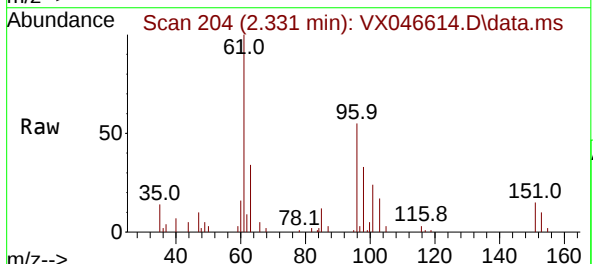
Instrument :
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 ClientSampleId :
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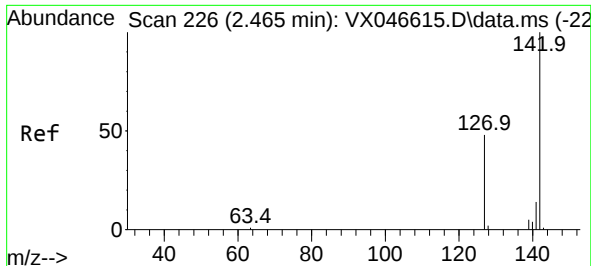
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 Ion Ratio Lower Upper
 101 100
 85 43.4 0.0 88.2
 151 67.2 0.0 141.8



#10
 1,1-Dichloroethene
 Concen: 4.171 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

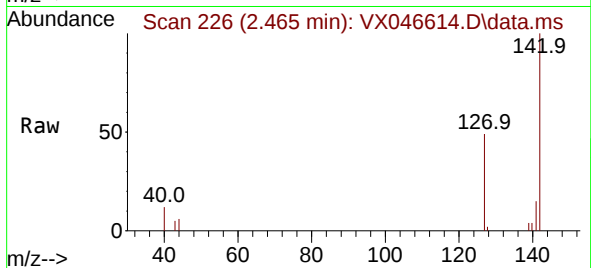
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 Ion Ratio Lower Upper
 96 100
 61 180.2 135.1 202.7
 98 58.6 49.0 73.4



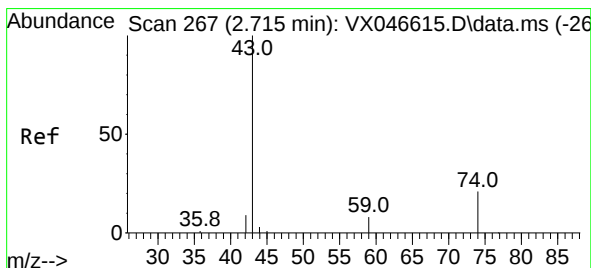
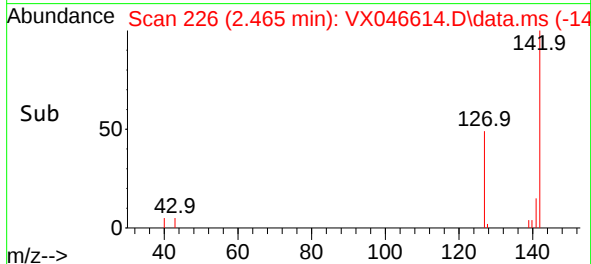
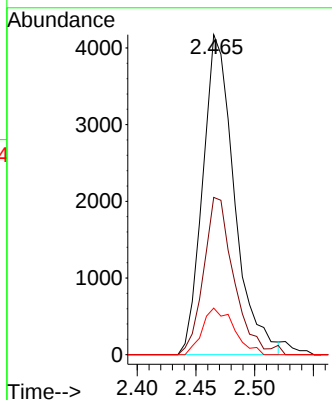


#11
Methyl Iodide
Concen: 4.351 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

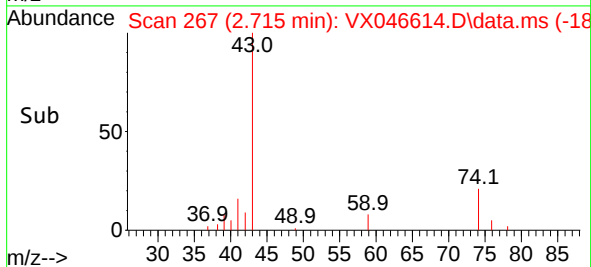
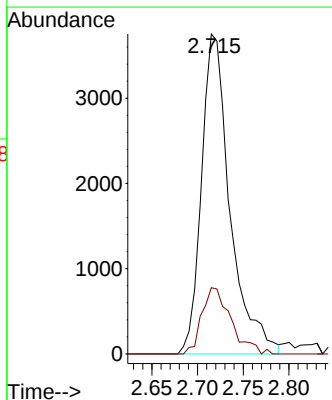
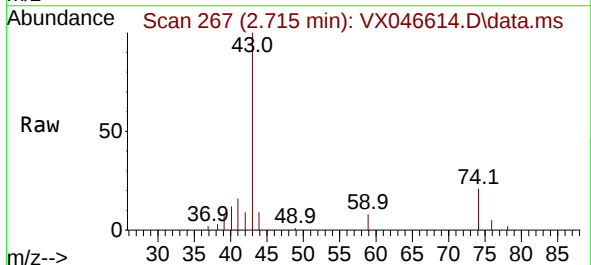


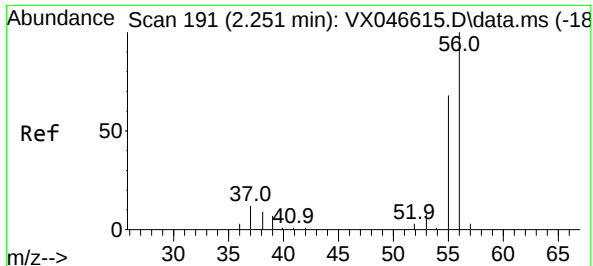
Tgt Ion:	142	Resp:	7812
Ion	Ratio	Lower	Upper
142	100		
127	50.6	24.1	72.4
141	14.8	7.0	20.9



#12
Methyl Acetate
Concen: 4.326 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:	43	Resp:	8141
Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.2	25.8

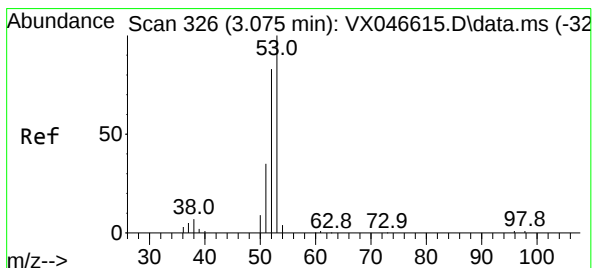
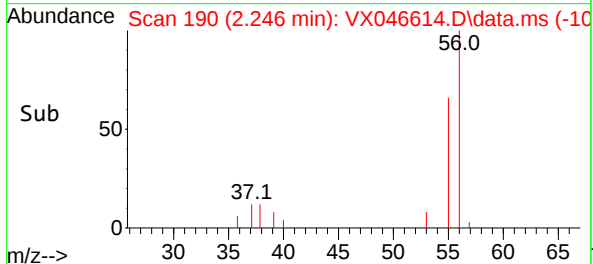
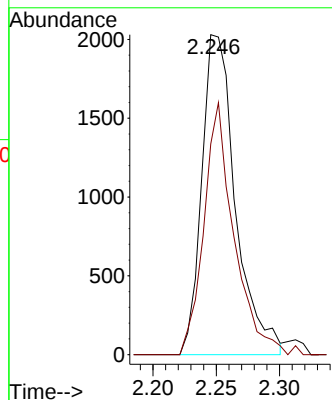
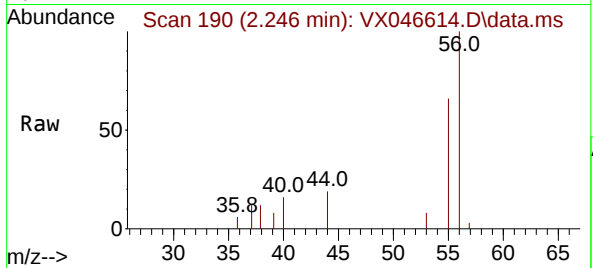




#13
Acrolein
Concen: 11.663 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

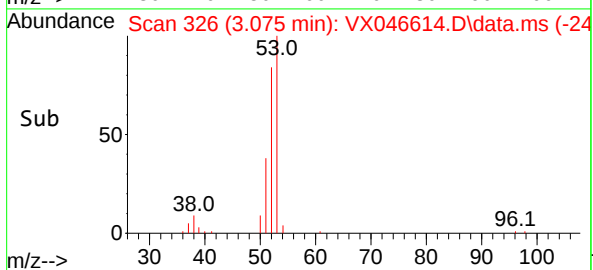
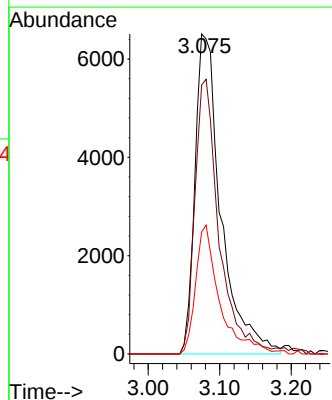
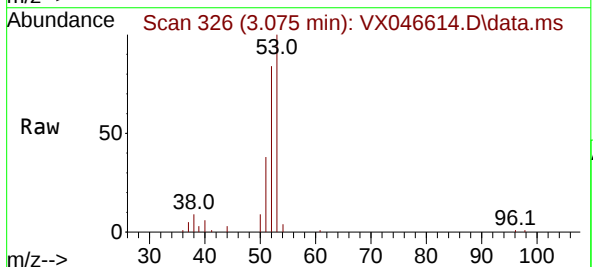
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

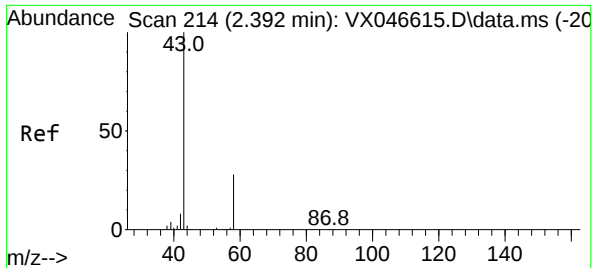
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
55 70.0 56.0 84.0



#14
Acrylonitrile
Concen: 19.615 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 53 Resp: 16477
Ion Ratio Lower Upper
53 100
52 79.1 41.3 123.7
51 34.8 18.6 55.8

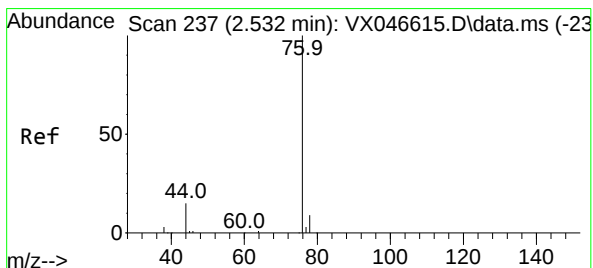
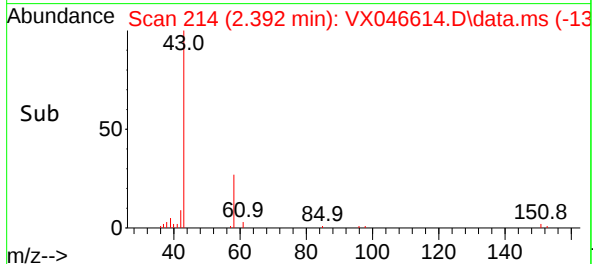
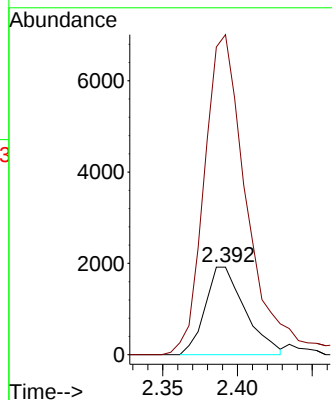
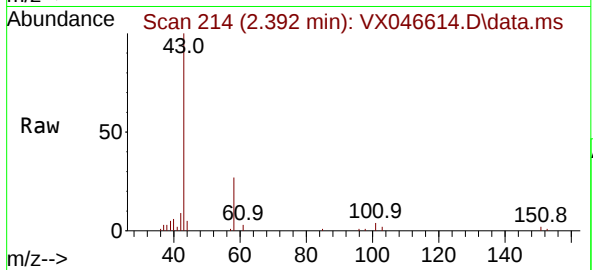




#15
Acetone
Concen: 16.008 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

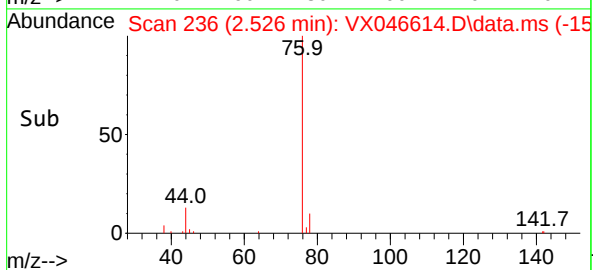
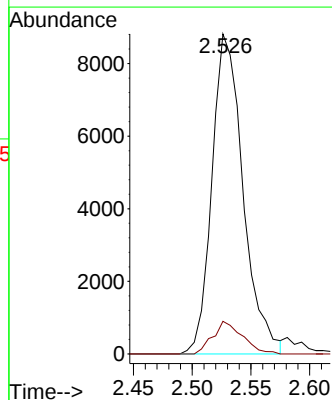
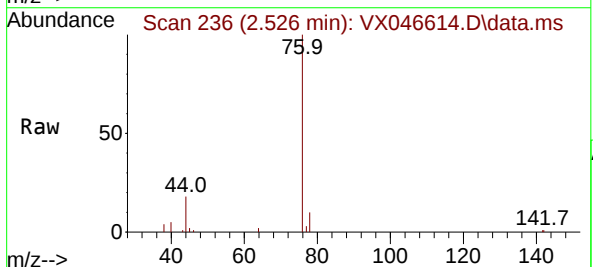
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

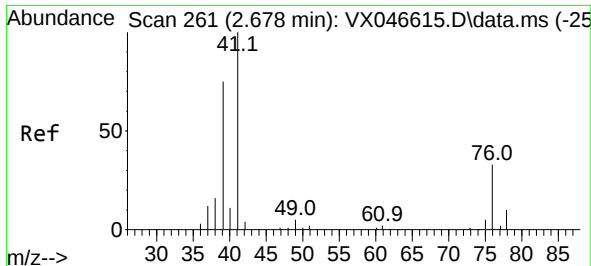
Tgt Ion: 58 Resp: 3564
Ion Ratio Lower Upper
58 100
43 351.5 290.6 435.8



#16
Carbon Disulfide
Concen: 3.799 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 76 Resp: 16246
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

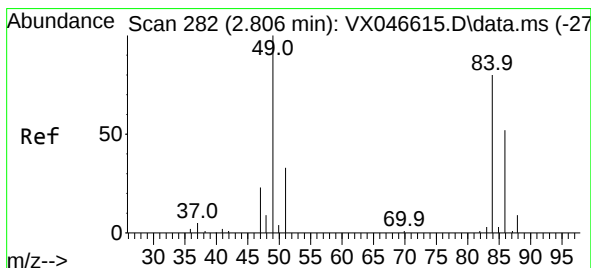
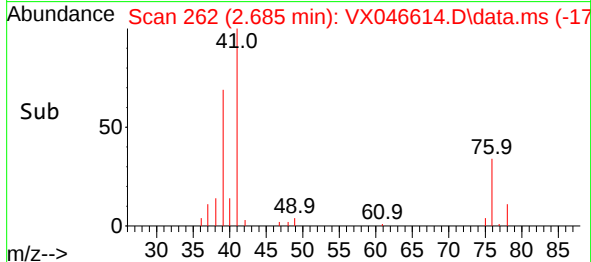
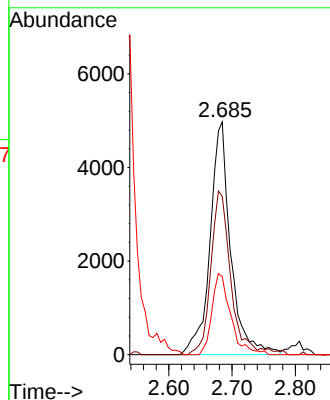
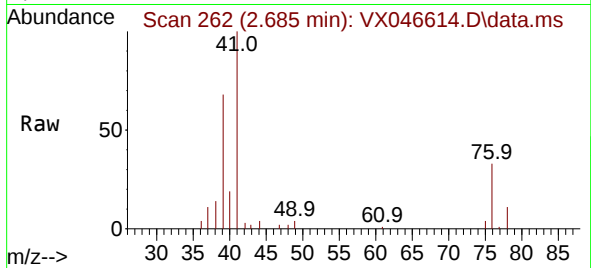




#17
 Allyl chloride
 Concen: 4.010 ug/l
 RT: 2.685 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

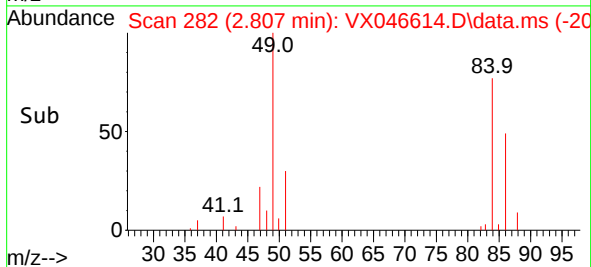
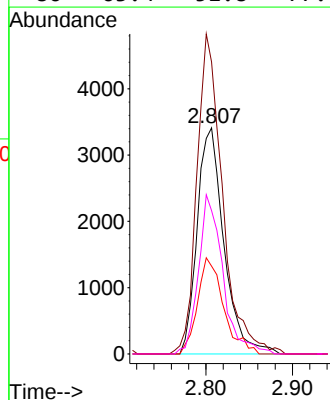
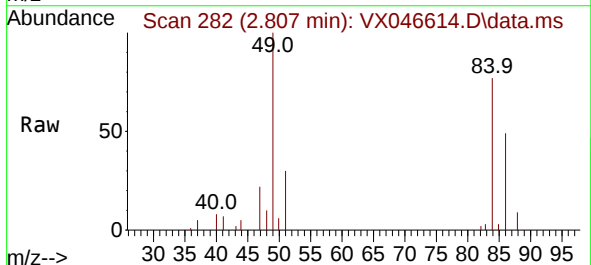
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

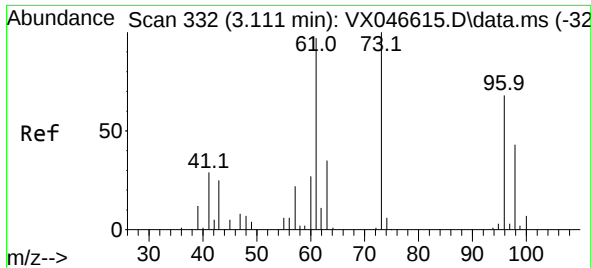
Tgt Ion: 41	Resp: 11278
Ion Ratio	Lower Upper
41 100	
39 67.9	37.5 112.3
76 33.4	17.4 52.3



#18
 Methylene Chloride
 Concen: 4.352 ug/l
 RT: 2.807 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

Tgt Ion: 84	Resp: 7325
Ion Ratio	Lower Upper
84 100	
49 127.3	100.1 150.1
51 38.9	33.0 49.4
86 63.4	51.8 77.6

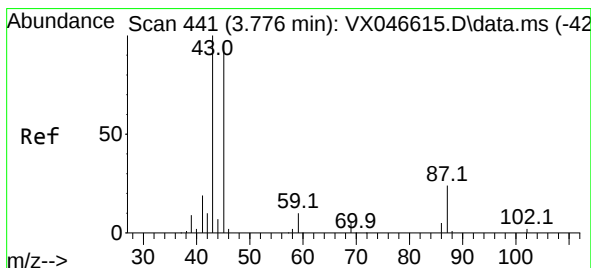
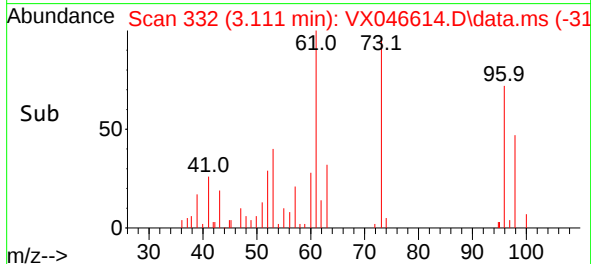
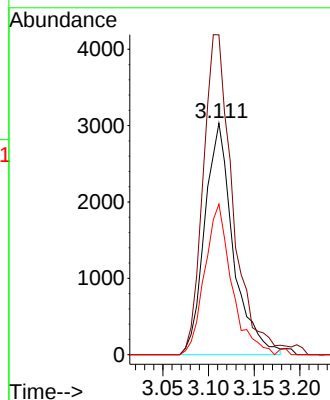
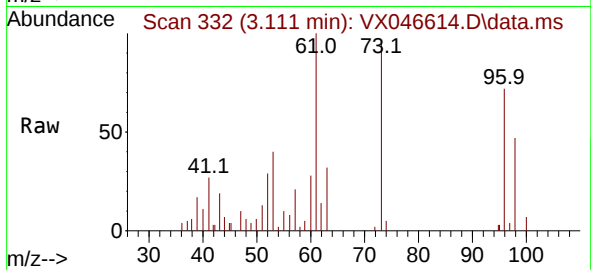




#19
trans-1,2-Dichloroethene
Concen: 4.296 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

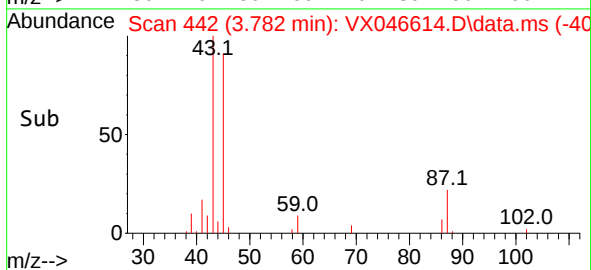
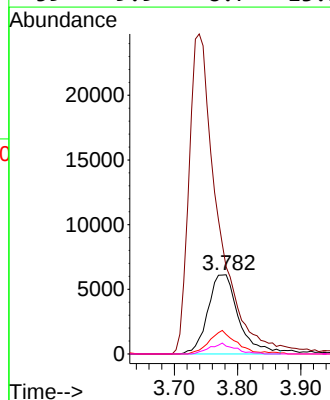
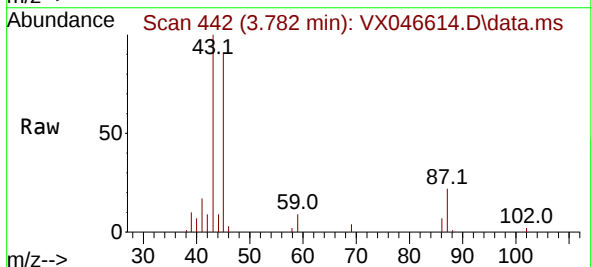
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

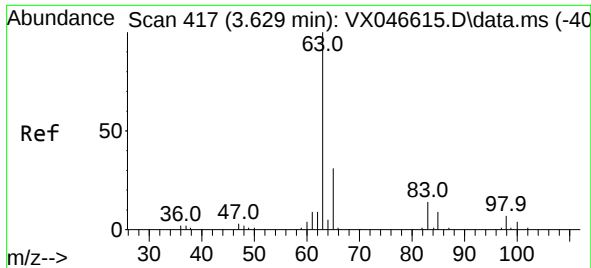
Tgt Ion: 96 Resp: 6558
Ion Ratio Lower Upper
96 100
61 138.2 114.5 171.7
98 65.0 50.2 75.4



#20
Diisopropyl ether
Concen: 3.834 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 45 Resp: 20640
Ion Ratio Lower Upper
45 100
43 98.9 83.2 124.8
87 24.7 20.2 30.4
59 9.9 8.7 13.1

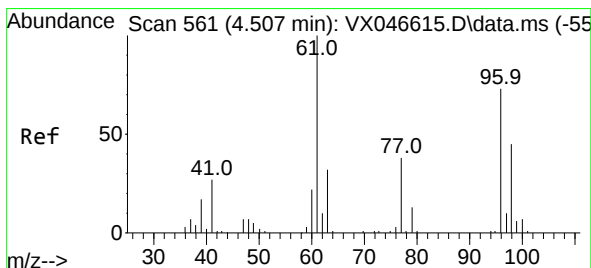
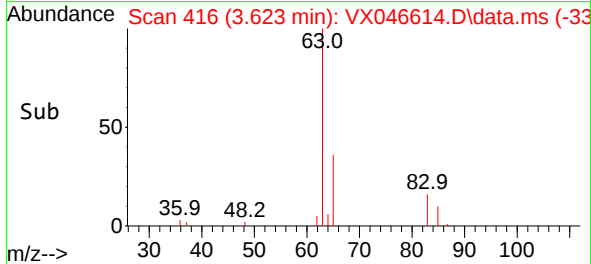
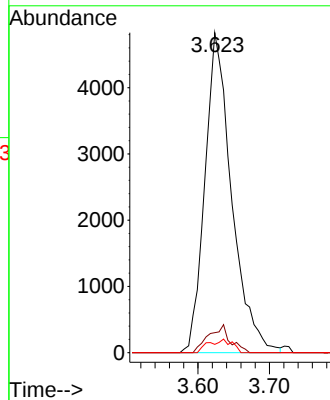
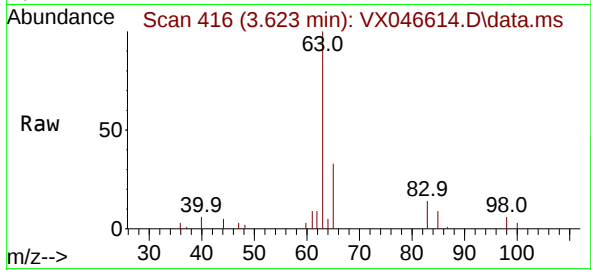




#21
1,1-Dichloroethane
Concen: 4.190 ug/l
RT: 3.623 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

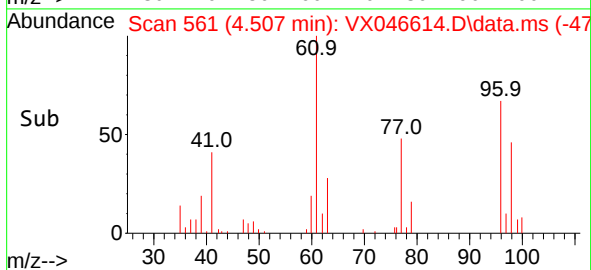
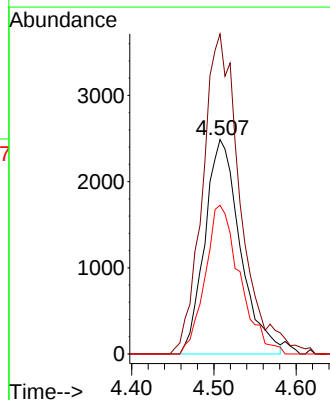
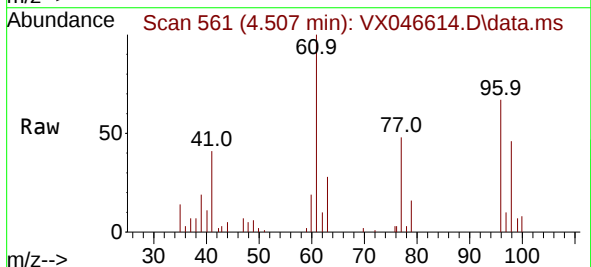
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

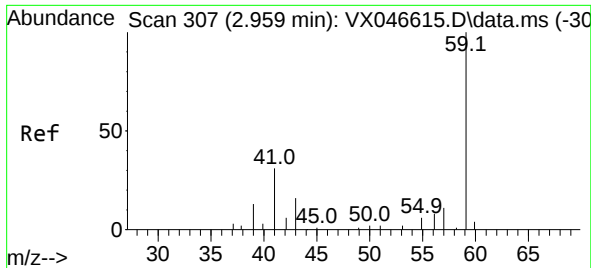
Tgt Ion:	63	Resp:	12577
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.6	10.8
100	2.6	1.8	5.5



#22
cis-1,2-Dichloroethene
Concen: 4.085 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:	96	Resp:	7461
Ion	Ratio	Lower	Upper
96	100		
61	152.0	118.6	177.8
98	64.4	49.6	74.4

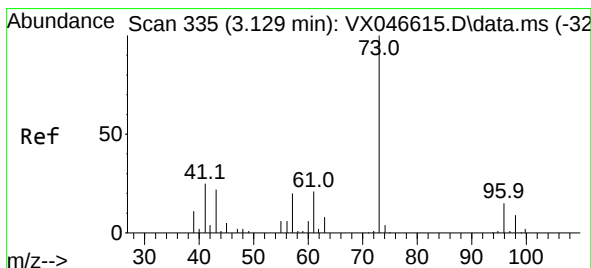
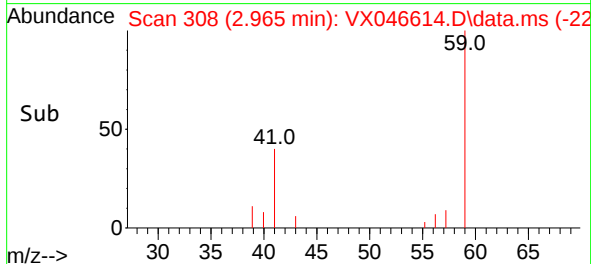
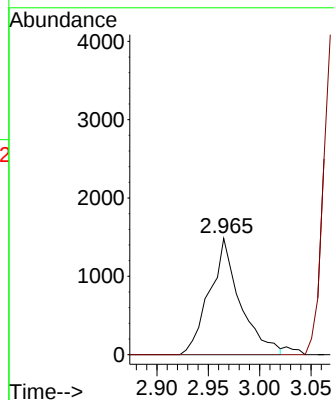
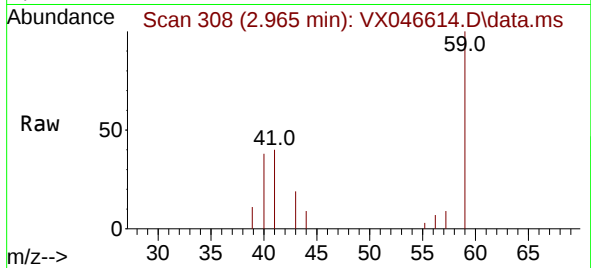




#23
tert-Butyl Alcohol
Concen: 11.259 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

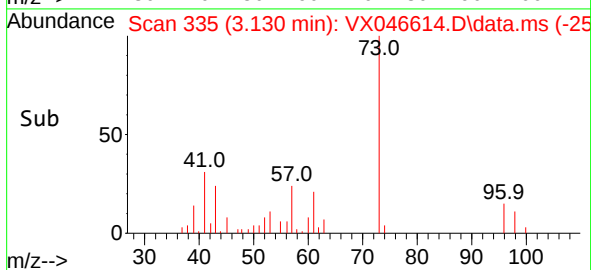
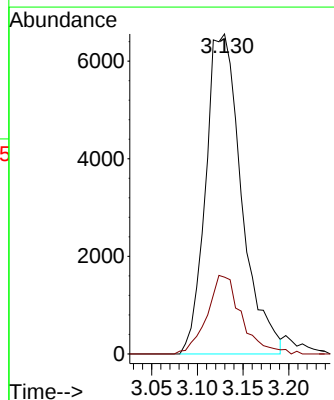
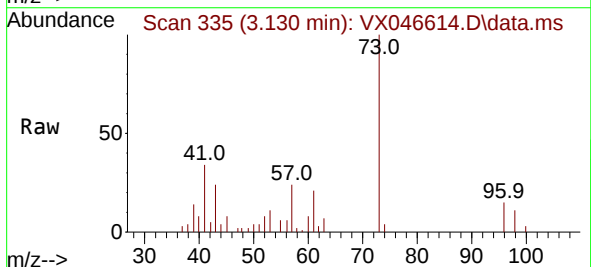
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

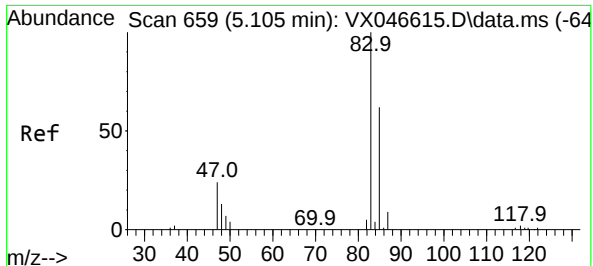
Tgt Ion: 59 Resp: 3079
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 3.672 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 73 Resp: 17874
Ion Ratio Lower Upper
73 100
43 23.3 18.4 27.6





#25

Chloroform

Concen: 4.539 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

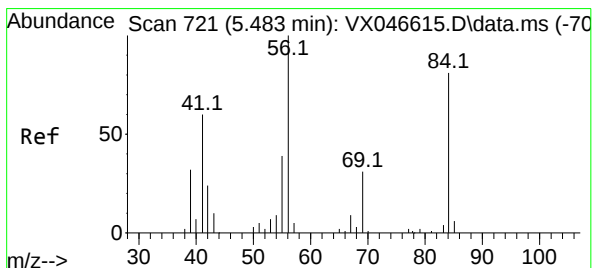
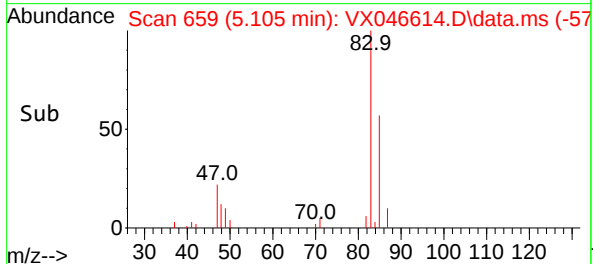
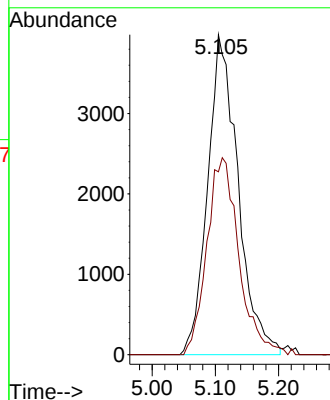
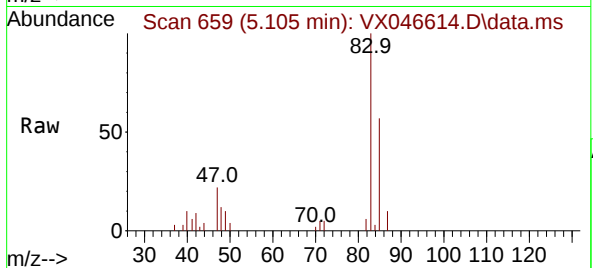
VSTDIC005

Tgt Ion: 83 Resp: 13281

Ion Ratio Lower Upper

83 100

85 57.1 49.8 74.6



#26

Cyclohexane

Concen: 4.131 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

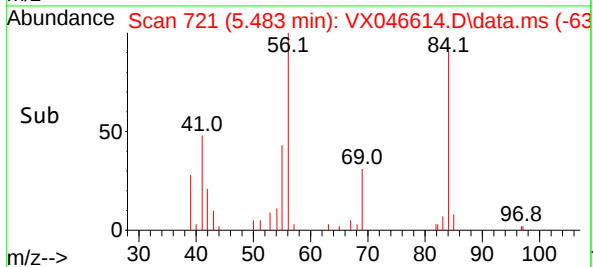
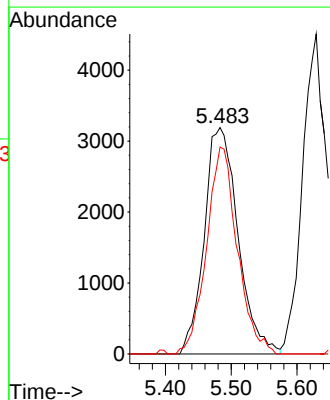
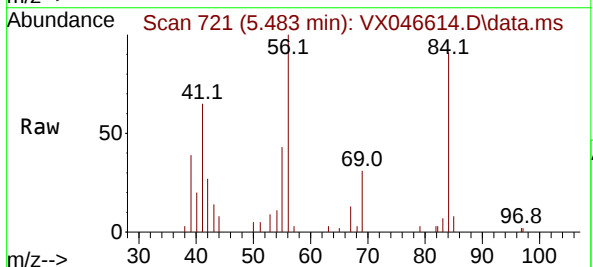
Tgt Ion: 56 Resp: 11414

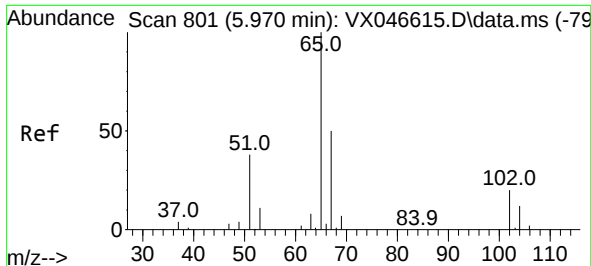
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 81.7 67.4 101.0





#27

1,2-Dichloroethane-d4

Concen: 27.060 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

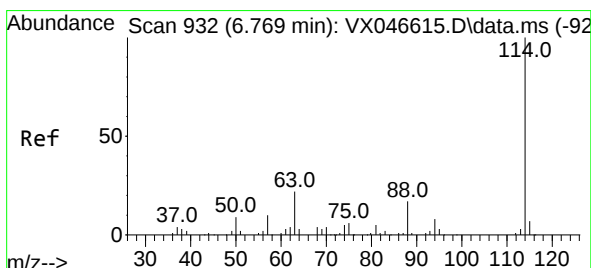
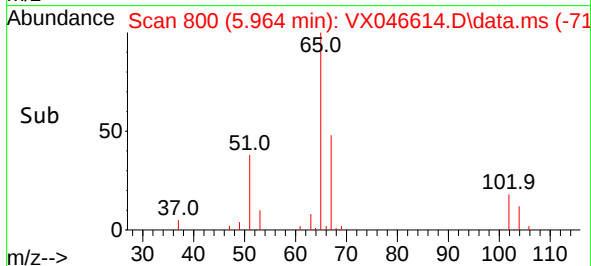
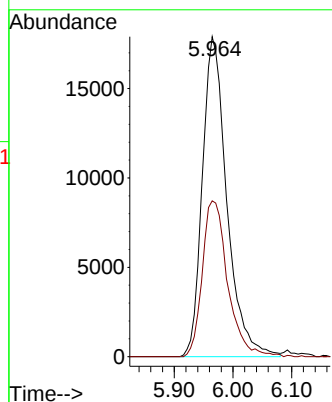
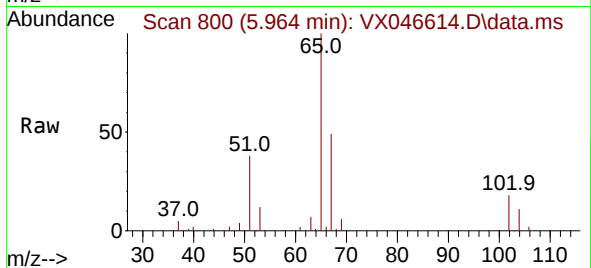
VSTDIC005

Tgt Ion: 65 Resp: 51846

Ion Ratio Lower Upper

65 100

67 50.3 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

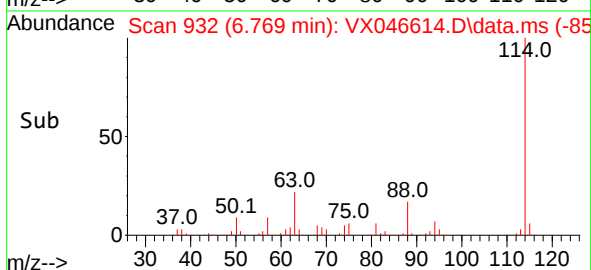
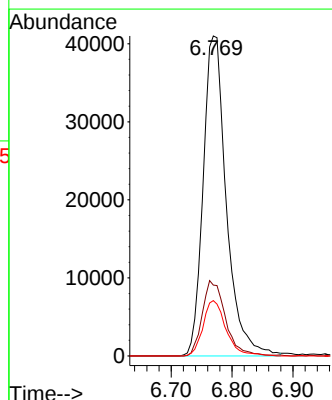
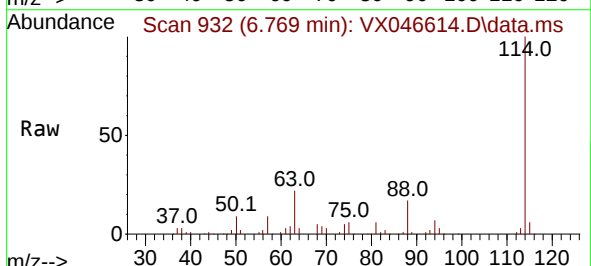
Tgt Ion: 114 Resp: 108711

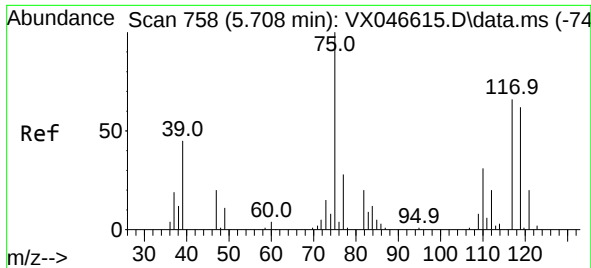
Ion Ratio Lower Upper

114 100

63 23.4 18.1 27.1

88 17.1 14.1 21.1

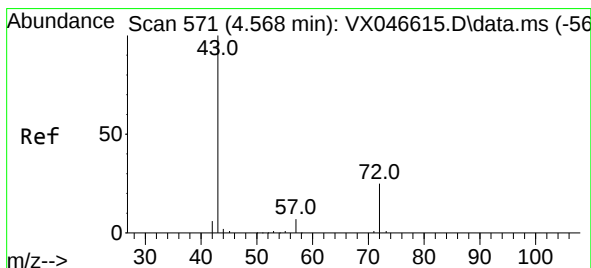
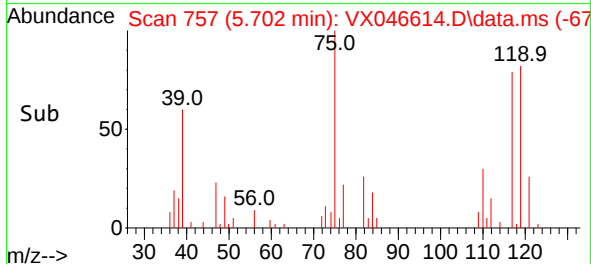
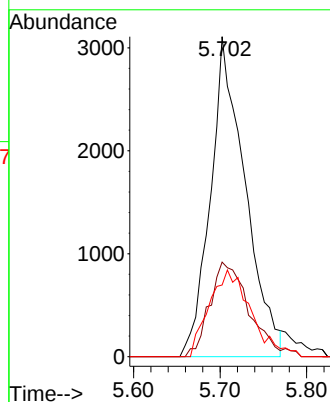
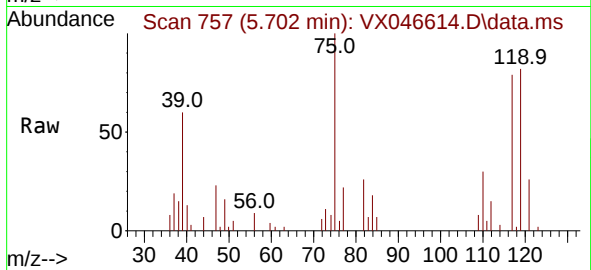




#29
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 5.702 min Scan# 758
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

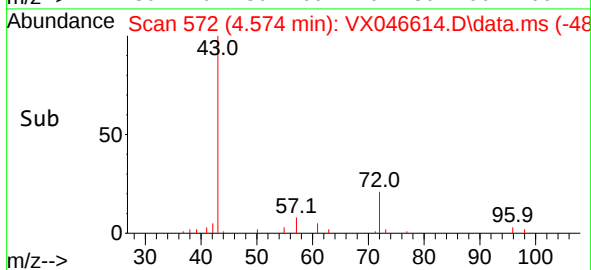
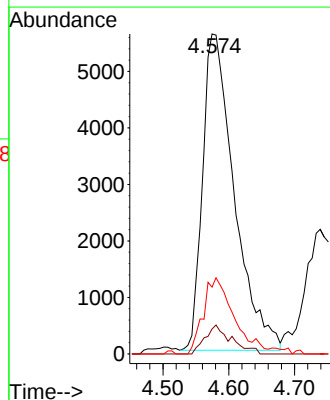
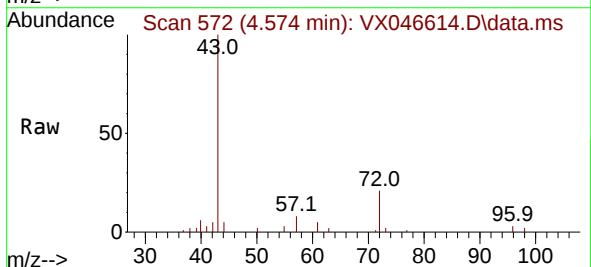
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

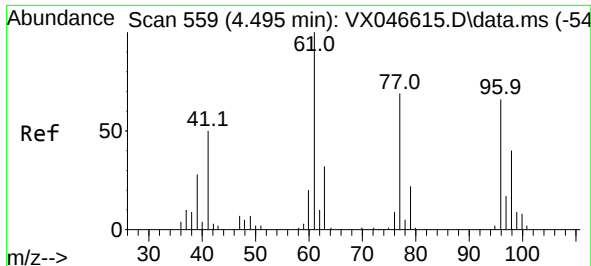
Tgt Ion: 75	Resp: 8634
Ion Ratio	Lower Upper
75 100	
110 33.0	0.0 65.4
77 30.1	0.0 59.8



#30
2-Butanone
Concen: 17.149 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 43	Resp: 18746
Ion Ratio	Lower Upper
43 100	
57 5.5	5.8 8.6#
72 22.0	19.4 29.2

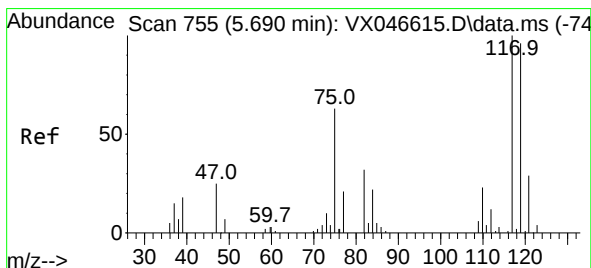
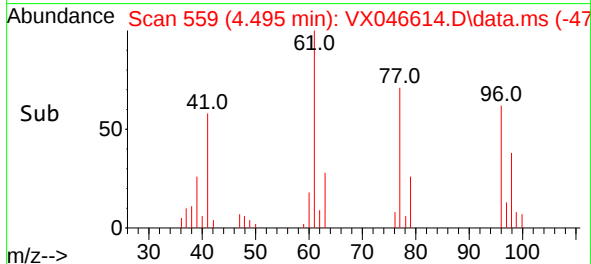
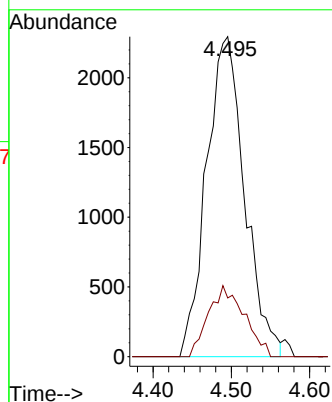
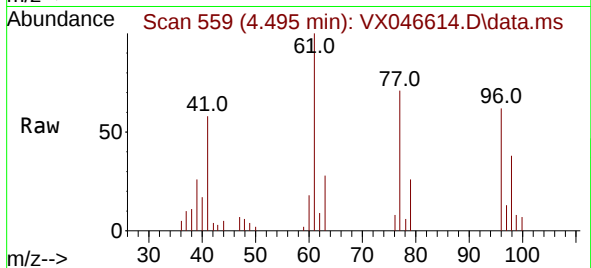




#31
2,2-Dichloropropane
Concen: 3.602 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

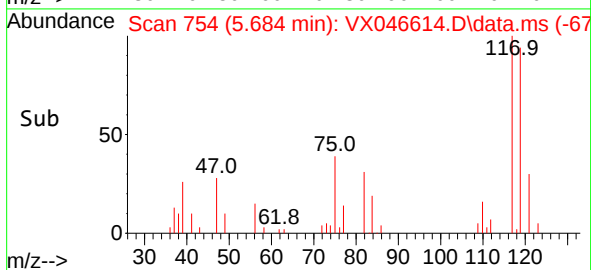
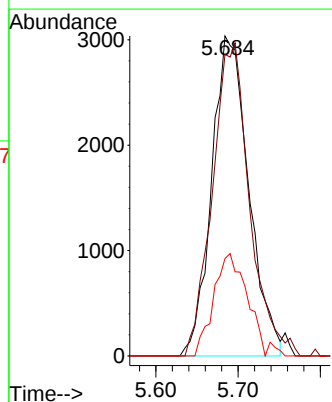
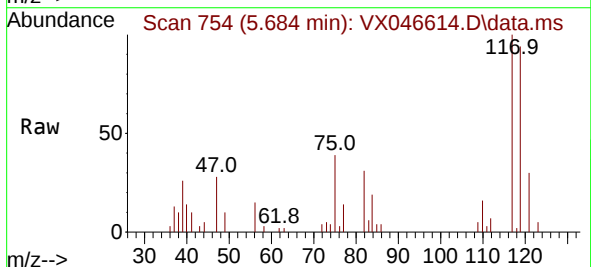
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

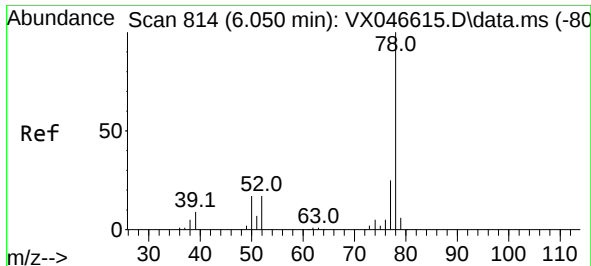
Tgt Ion: 77 Resp: 7756
Ion Ratio Lower Upper
77 100
97 20.8 18.6 27.8



#33
Carbon Tetrachloride
Concen: 4.628 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 117 Resp: 9491
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
121 30.5 23.2 34.8

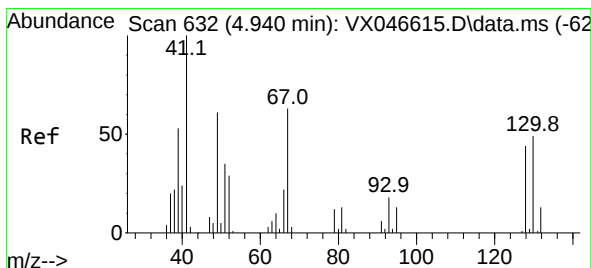
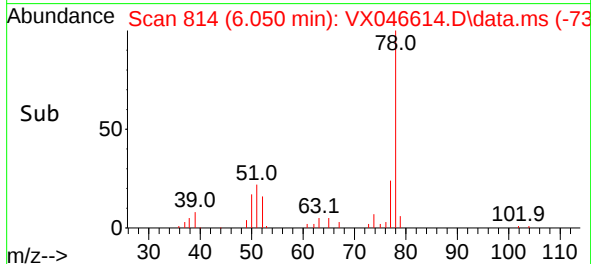
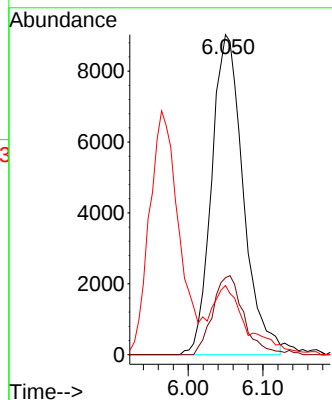
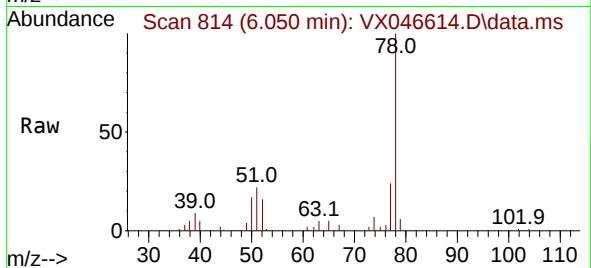




#34
Benzene
Concen: 4.329 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

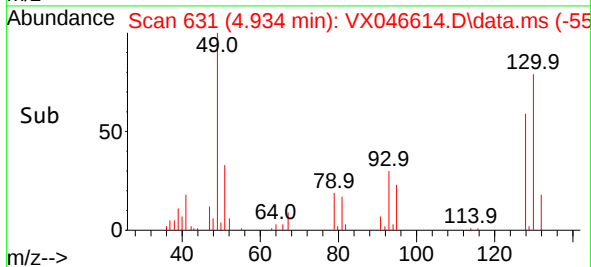
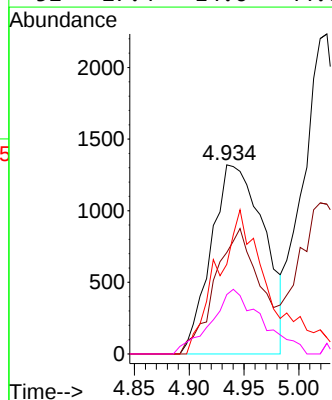
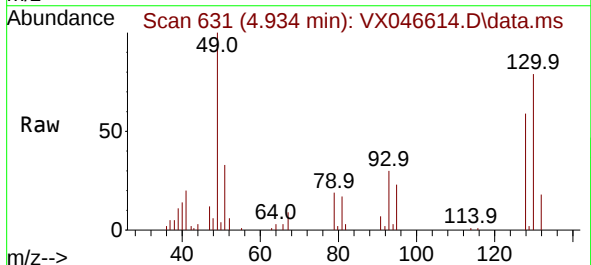
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

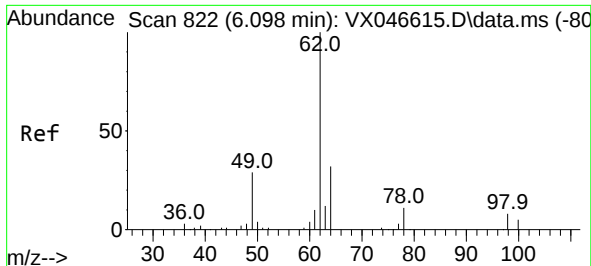
Tgt Ion: 78	Resp: 26529
Ion Ratio	Lower Upper
78 100	
77 24.1	19.8 29.8
51 18.5	14.7 22.1



#35
Methacrylonitrile
Concen: 3.751 ug/l
RT: 4.934 min Scan# 631
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 41	Resp: 4456
Ion Ratio	Lower Upper
41 100	
39 53.6	26.4 79.2
67 47.4	31.4 94.3
52 27.4	14.6 44.0

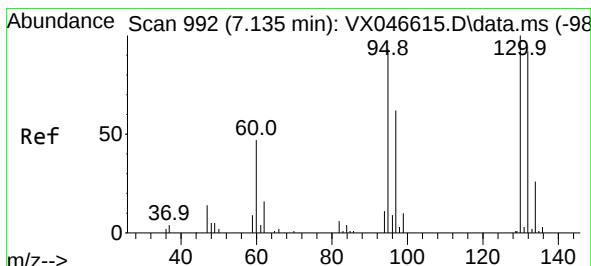
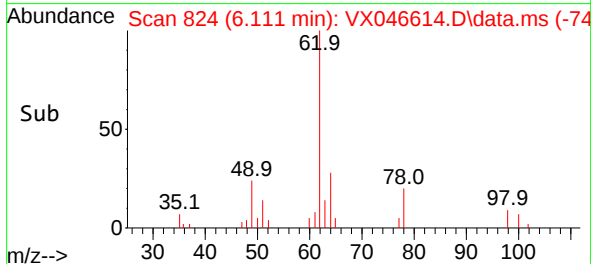
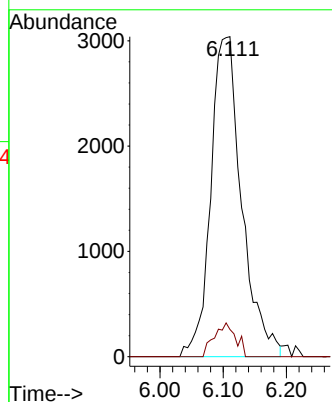
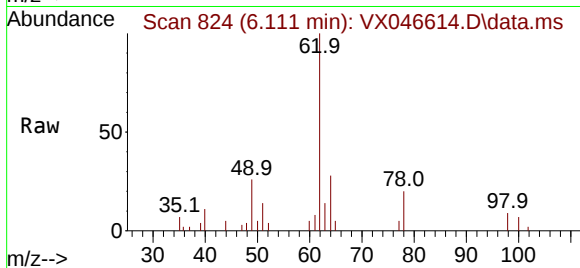




#36
1,2-Dichloroethane
Concen: 4.805 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.012 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

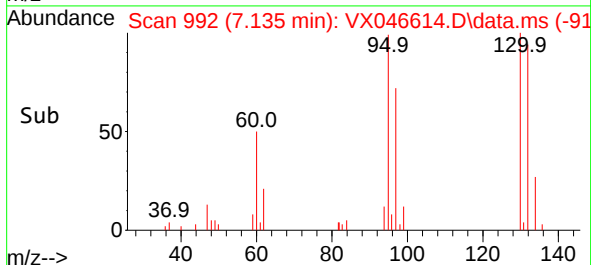
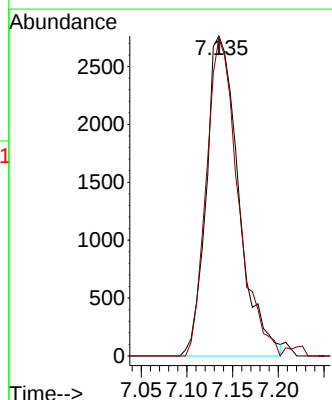
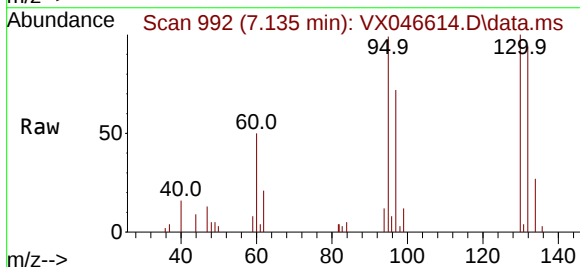
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

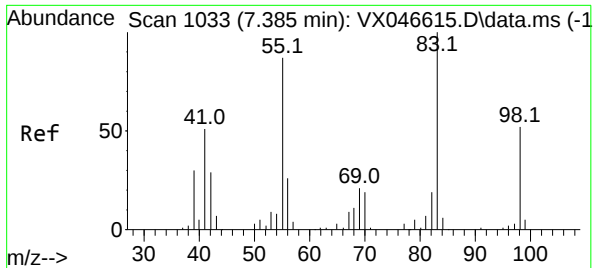
Tgt Ion: 62 Resp: 10321
Ion Ratio Lower Upper
62 100
98 6.7 6.5 9.7



#37
Trichloroethene
Concen: 4.704 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:130 Resp: 6787
Ion Ratio Lower Upper
130 100
95 99.4 74.7 112.1

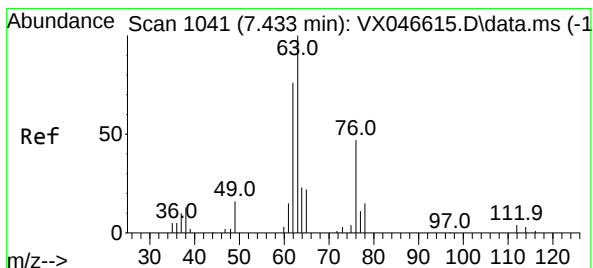
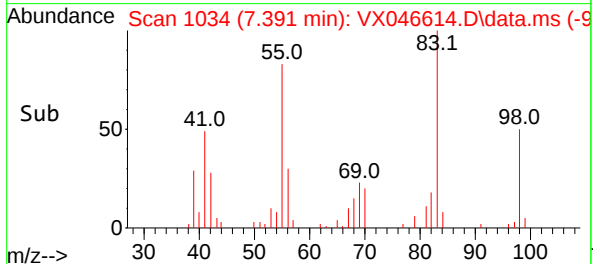
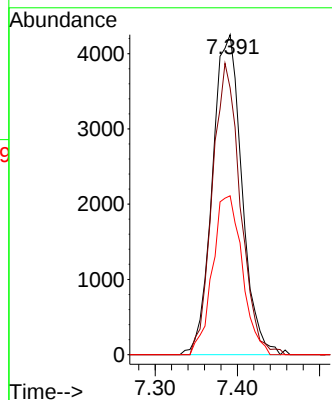
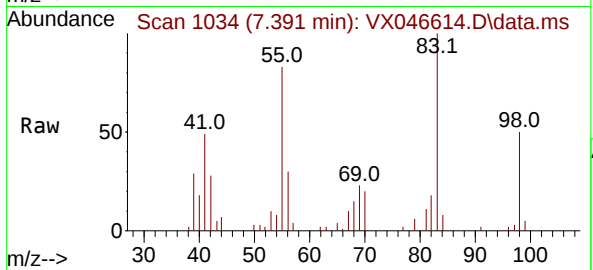




#38
Methylcyclohexane
Concen: 4.024 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

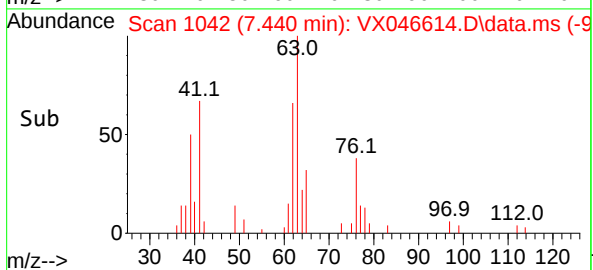
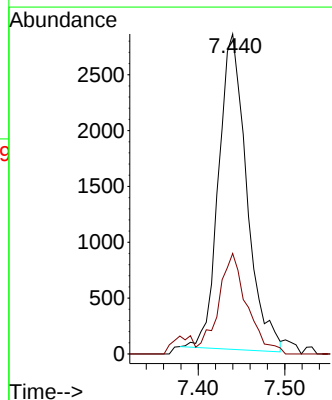
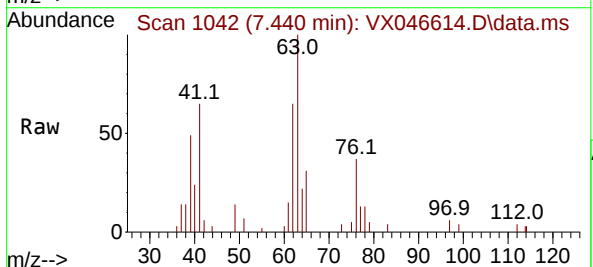
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

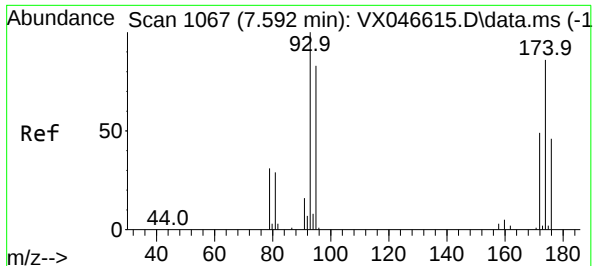
Tgt Ion: 83 Resp: 10589
Ion Ratio Lower Upper
83 100
55 86.1 42.6 128.0
98 50.1 24.8 74.3



#39
1,2-Dichloropropane
Concen: 4.180 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 63 Resp: 6348
Ion Ratio Lower Upper
63 100
65 30.2 21.5 32.3

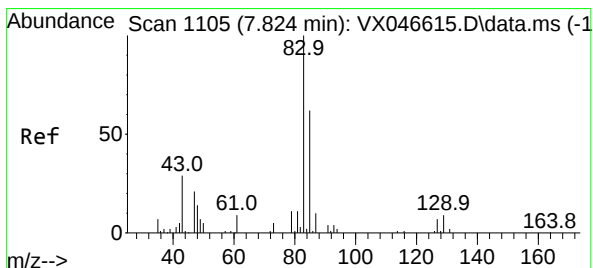
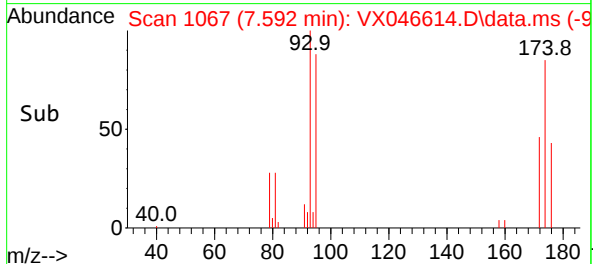
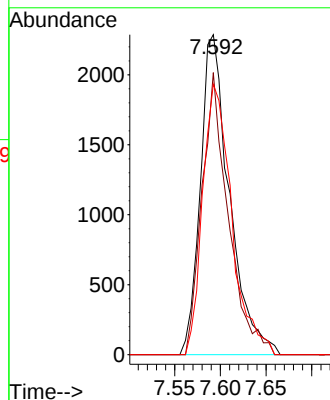
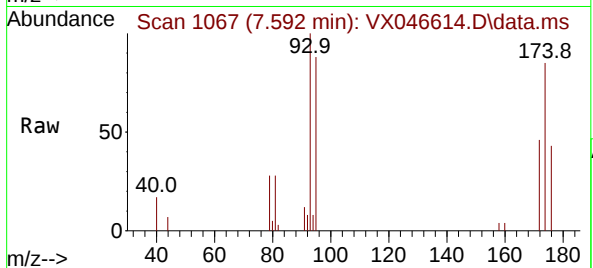




#40
Dibromomethane
Concen: 4.591 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

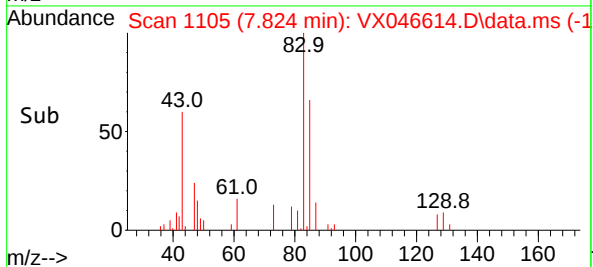
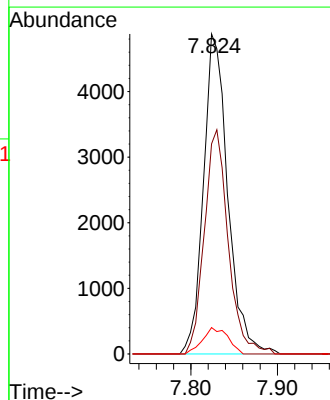
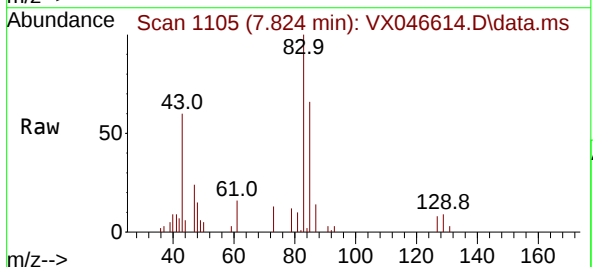
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

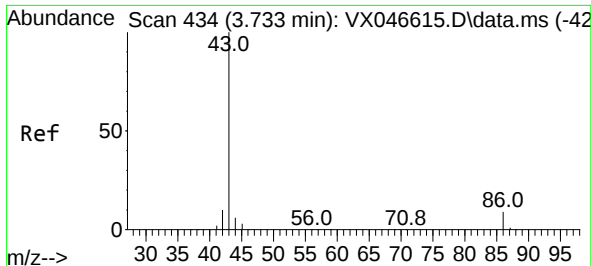
Tgt Ion: 93 Resp: 5059
Ion Ratio Lower Upper
93 100
95 79.8 0.0 164.8
174 84.5 0.0 176.0



#41
Bromodichloromethane
Concen: 4.313 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 83 Resp: 9535
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.3 5.5 8.3#

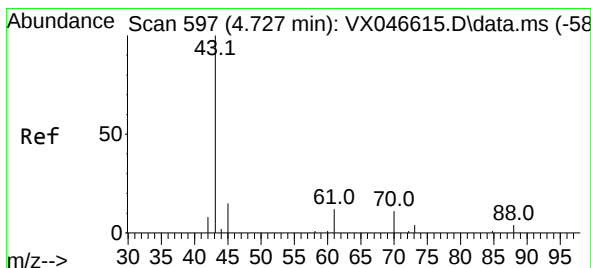
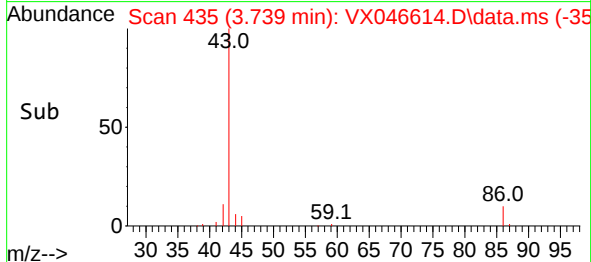
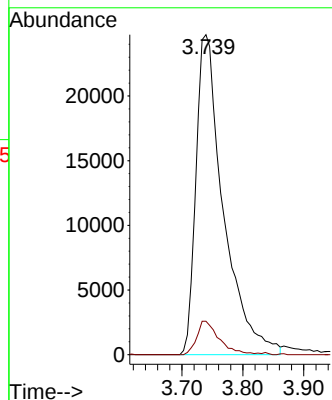
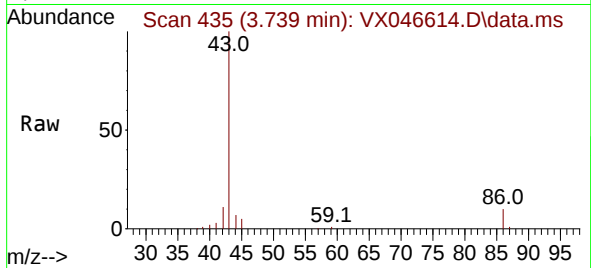




#42
 Vinyl Acetate
 Concen: 18.221 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

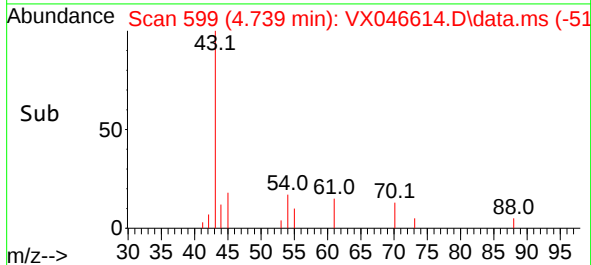
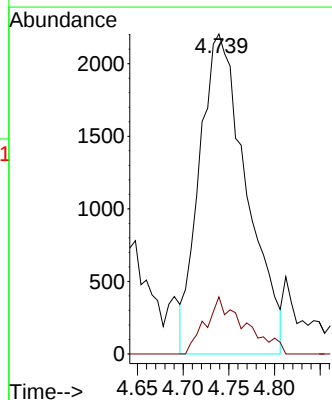
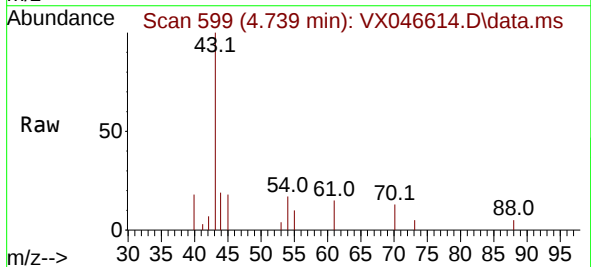
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

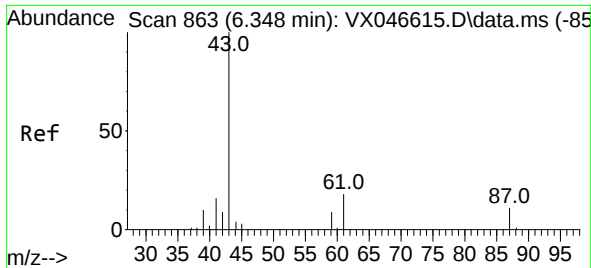
Tgt Ion: 43 Resp: 77412
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.4 9.6



#43
 Ethyl Acetate
 Concen: 3.772 ug/l
 RT: 4.739 min Scan# 599
 Delta R.T. 0.012 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

Tgt Ion: 43 Resp: 7901
 Ion Ratio Lower Upper
 43 100
 45 7.3 7.9 11.9#

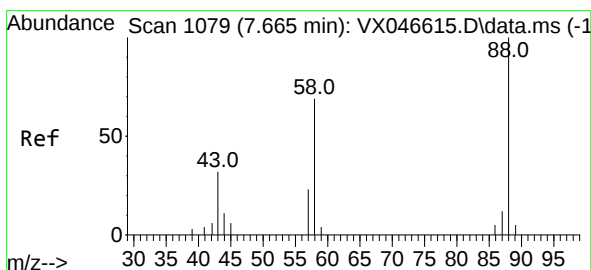
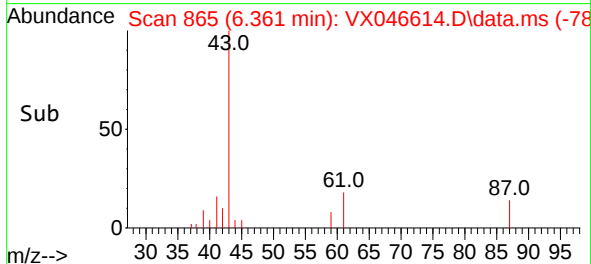
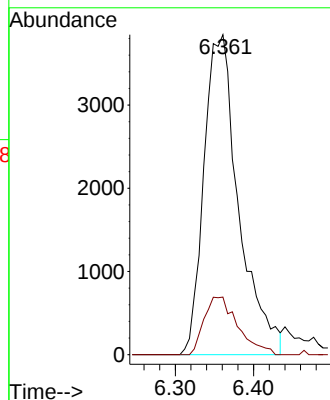
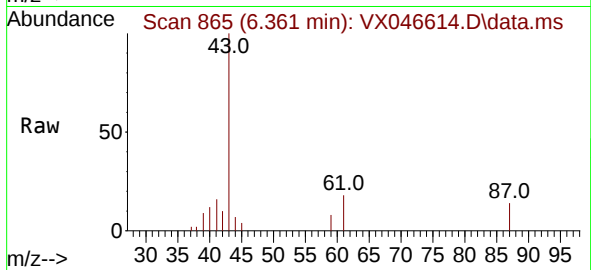




#44
Isopropyl Acetate
Concen: 3.470 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

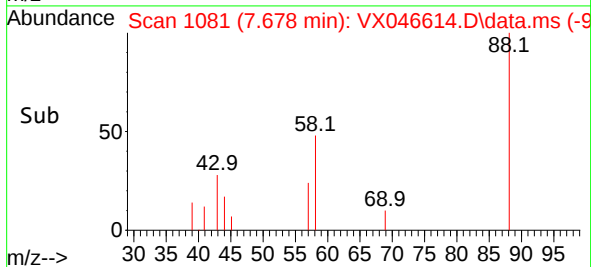
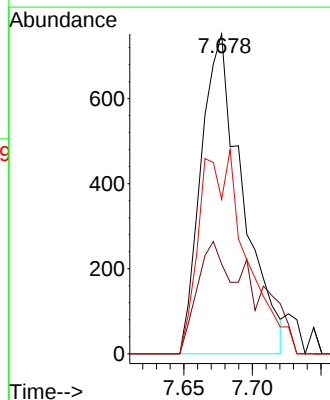
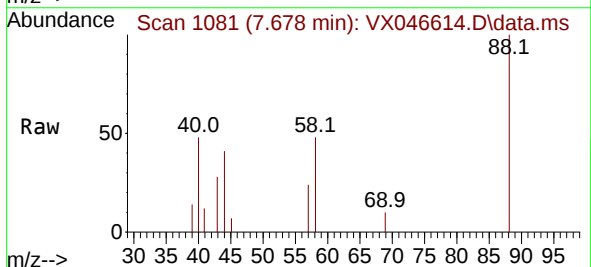
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

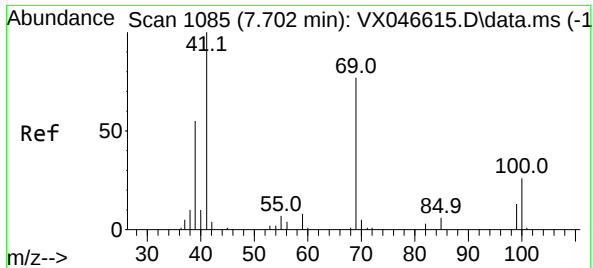
Tgt Ion: 43 Resp: 11865
Ion Ratio Lower Upper
43 100
61 17.6 15.0 22.4



#45
1,4-Dioxane
Concen: 47.827 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 88 Resp: 1577
Ion Ratio Lower Upper
88 100
43 25.4 21.6 32.4
58 37.0 60.8 91.2#

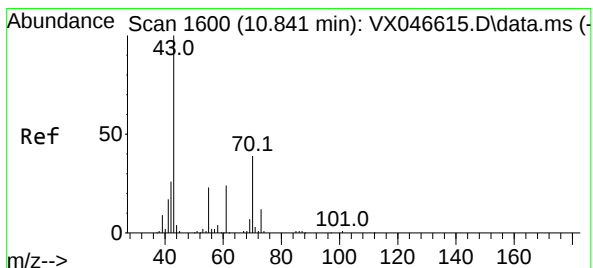
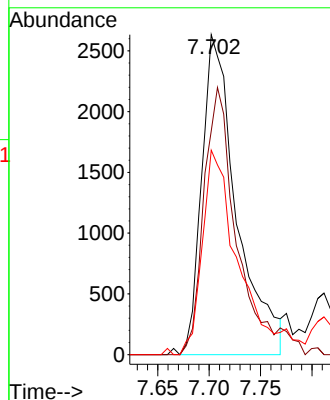
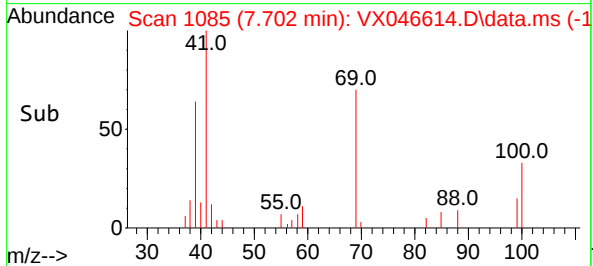
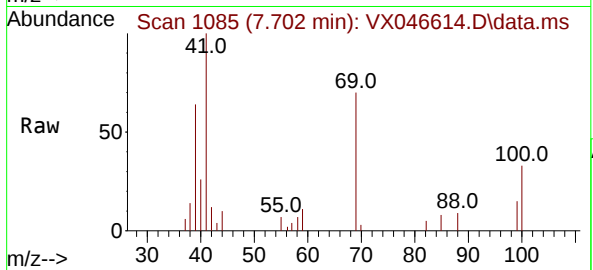




#46
Methyl methacrylate
Concen: 3.627 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

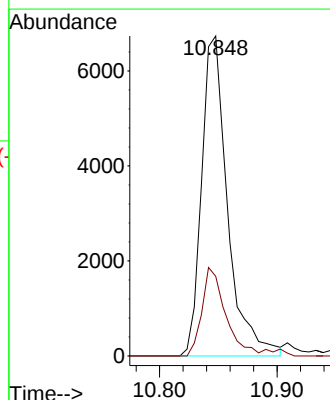
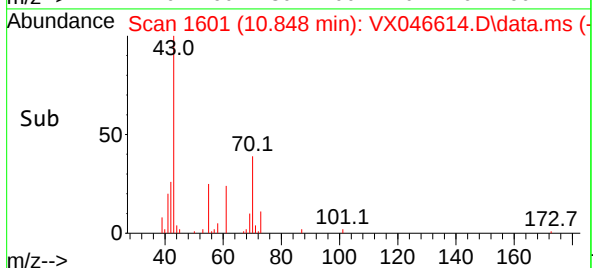
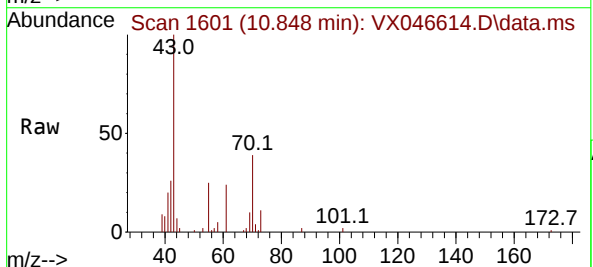
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

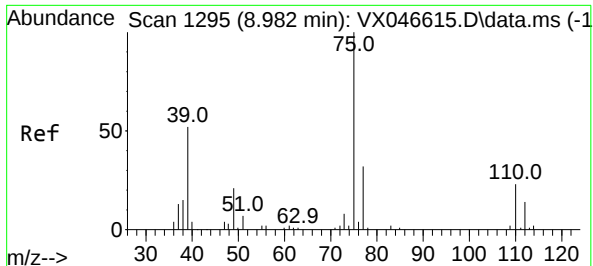
Tgt Ion: 41	Resp: 6215
Ion Ratio	Lower Upper
41 100	
69 69.9	38.7 116.1
39 63.9	27.7 83.1



#47
n-amy1 Acetate
Concen: 3.541 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 43	Resp: 10344
Ion Ratio	Lower Upper
43 100	
55 25.0	19.4 29.2





#48

t-1,3-Dichloropropene

Concen: 3.828 ug/l

RT: 8.988 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

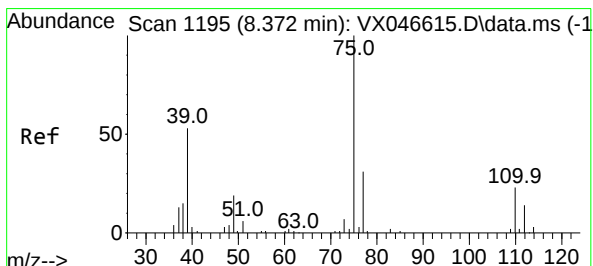
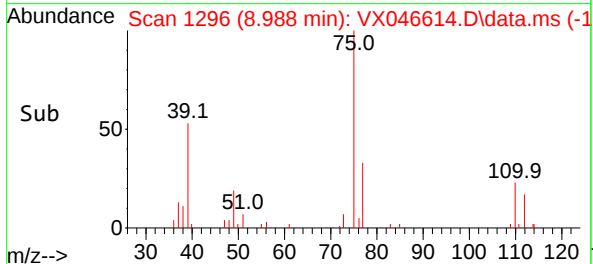
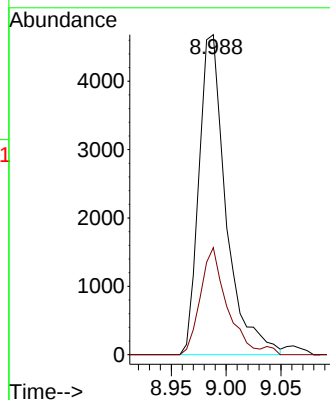
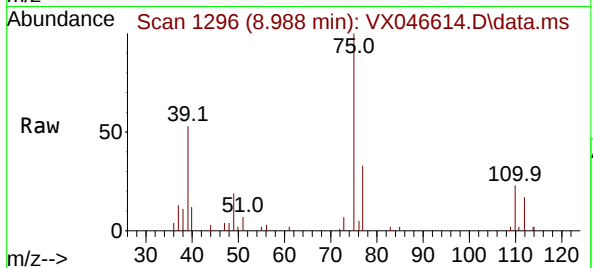
VSTDIC005

Tgt Ion: 75 Resp: 8052

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.0



#49

cis-1,3-Dichloropropene

Concen: 3.855 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

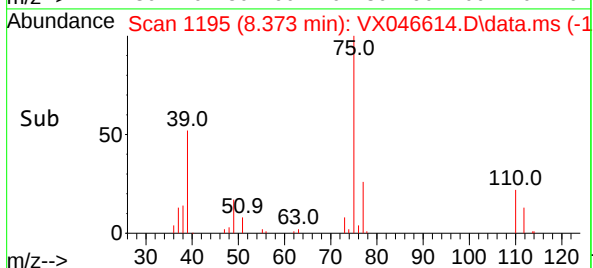
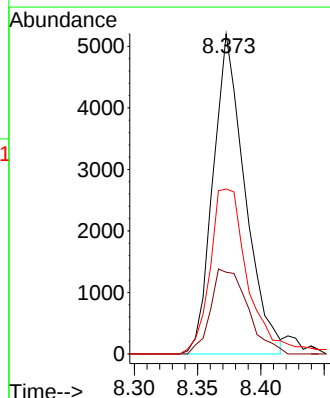
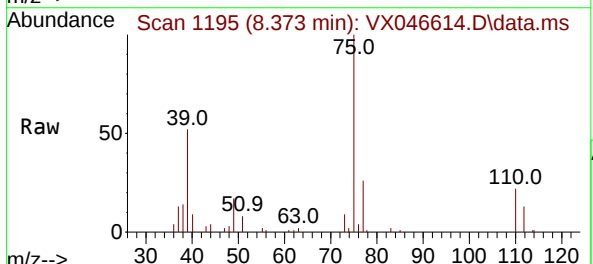
Tgt Ion: 75 Resp: 9107

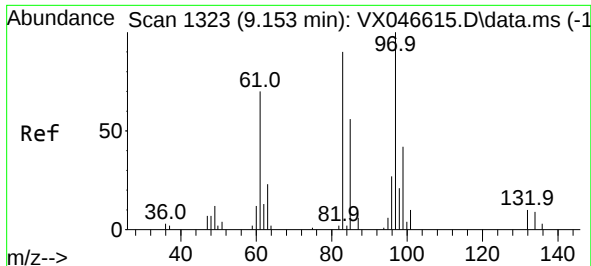
Ion Ratio Lower Upper

75 100

77 25.5 24.6 36.8

39 51.6 42.7 64.1

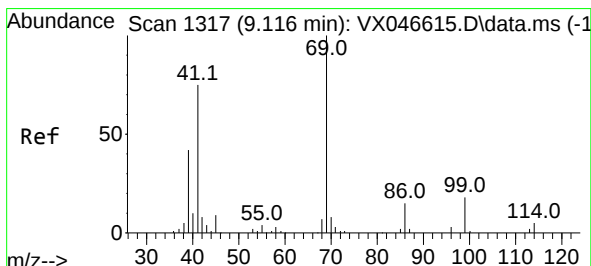
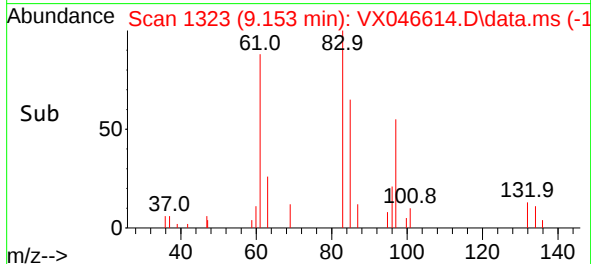
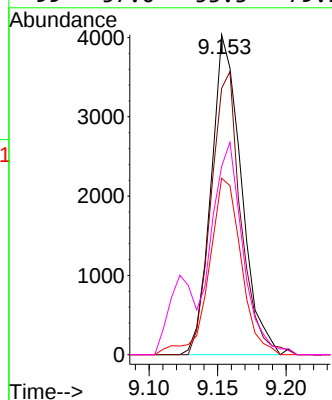
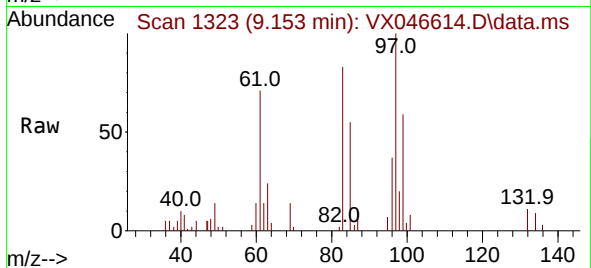




#50
1,1,2-Trichloroethane
Concen: 4.347 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

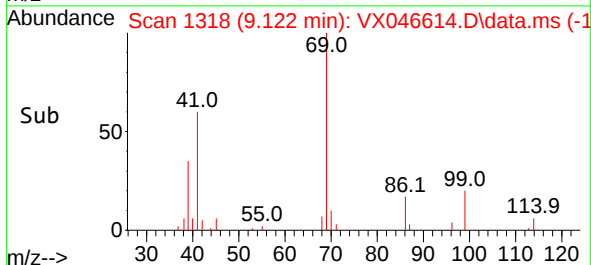
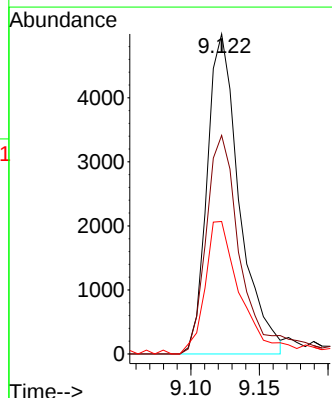
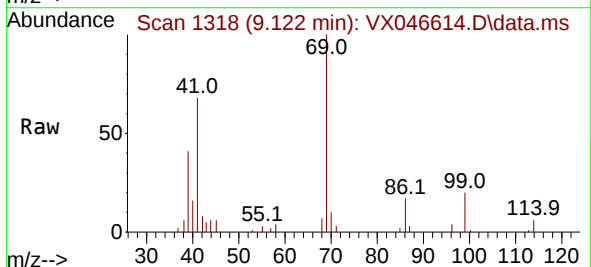
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

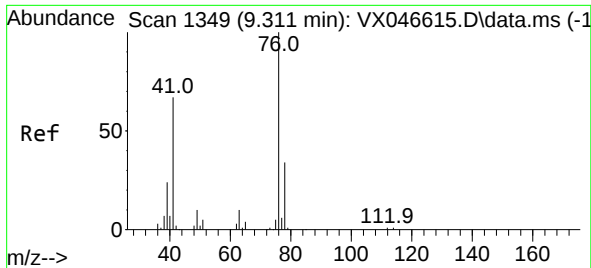
Tgt Ion:	97	Resp:	6180
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.1	108.1
85	55.1	47.5	71.3
99	57.0	53.3	79.9



#51
Ethyl methacrylate
Concen: 3.665 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:	69	Resp:	8230
Ion	Ratio	Lower	Upper
69	100		
41	68.3	37.4	112.2
39	41.4	20.8	62.5

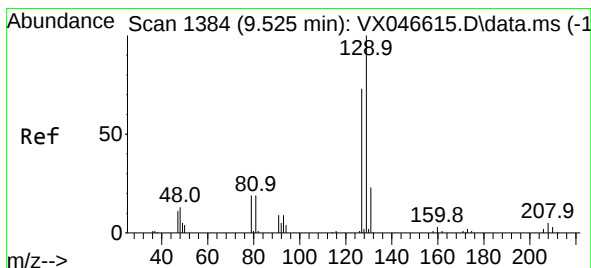
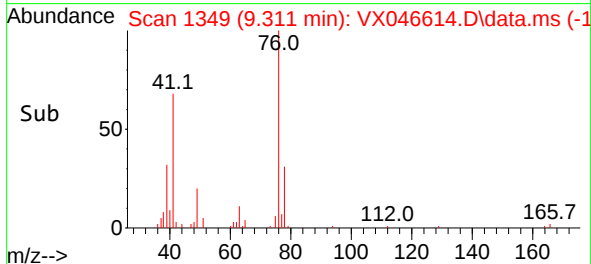
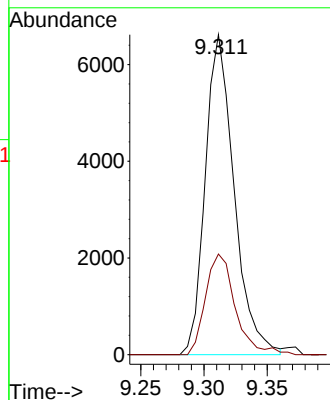
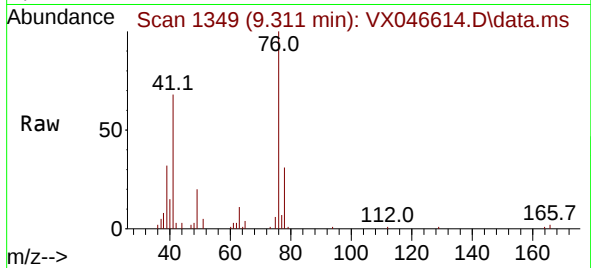




#52
1,3-Dichloropropane
Concen: 4.209 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

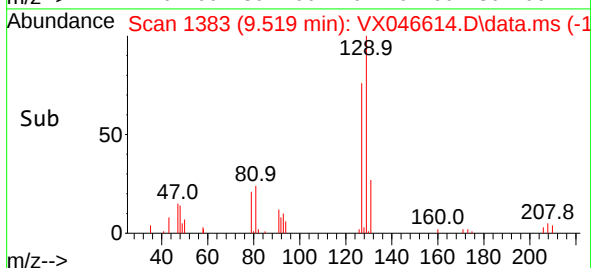
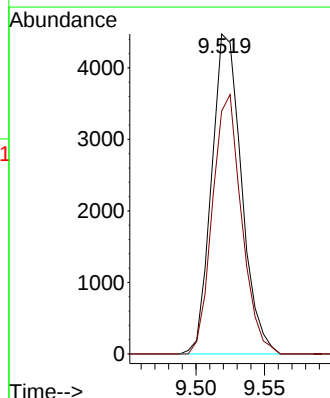
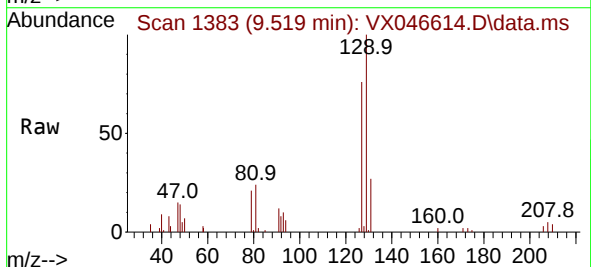
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

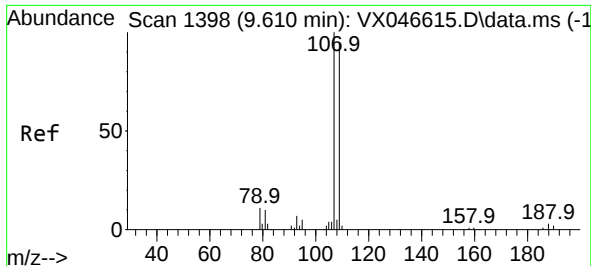
Tgt Ion: 76 Resp: 10513
Ion Ratio Lower Upper
76 100
78 31.6 0.0 62.6



#53
Dibromochloromethane
Concen: 4.264 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 129 Resp: 6791
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

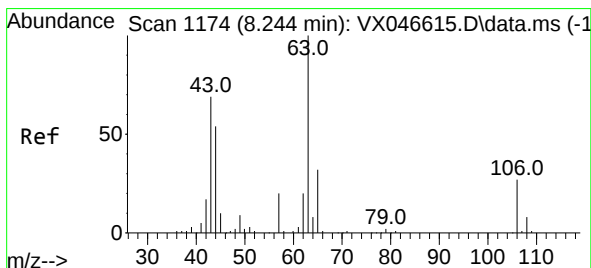
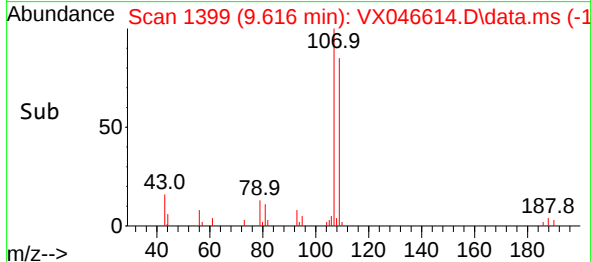
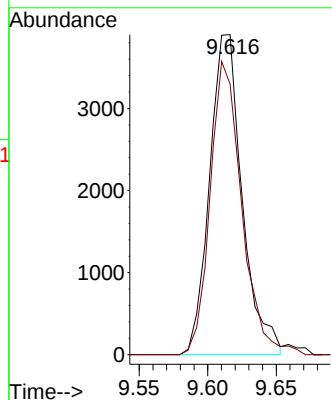
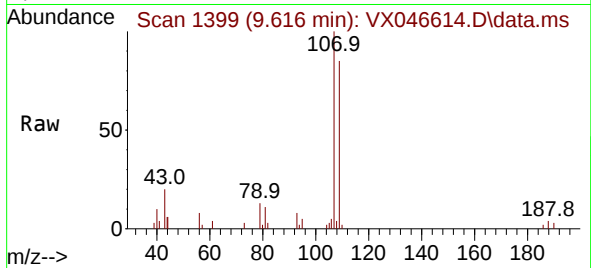




#54
1,2-Dibromoethane
Concen: 4.440 ug/l
RT: 9.616 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

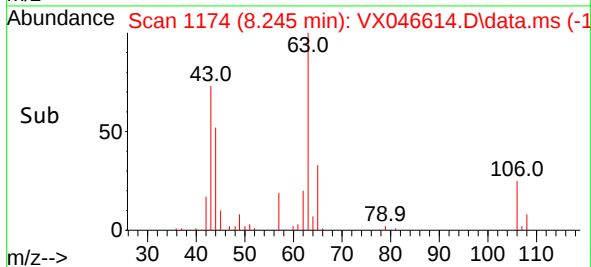
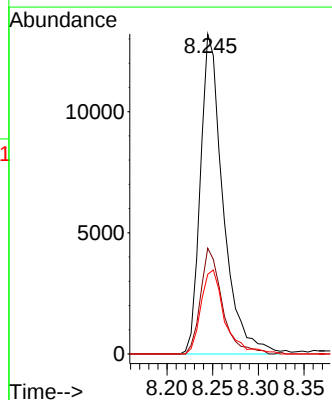
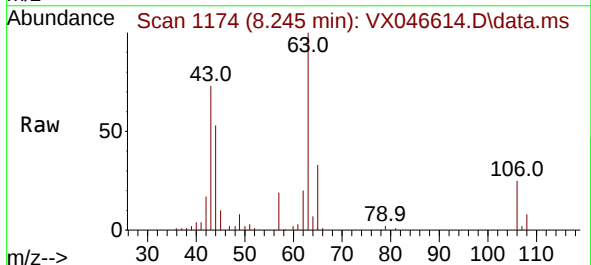
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

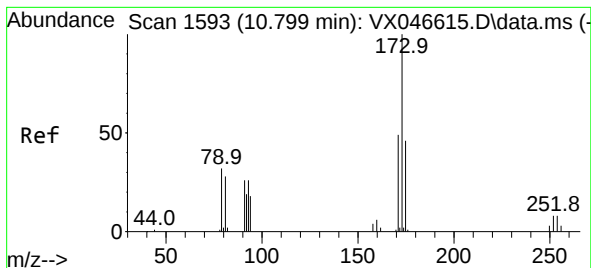
Tgt Ion:107 Resp: 6454
Ion Ratio Lower Upper
107 100
109 88.9 75.8 113.8



#55
2-Chloroethyl vinyl ether
Concen: 19.690 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 63 Resp: 22805
Ion Ratio Lower Upper
63 100
65 31.4 25.2 37.8
106 26.2 21.8 32.6





#56

Bromoform

Concen: 4.083 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

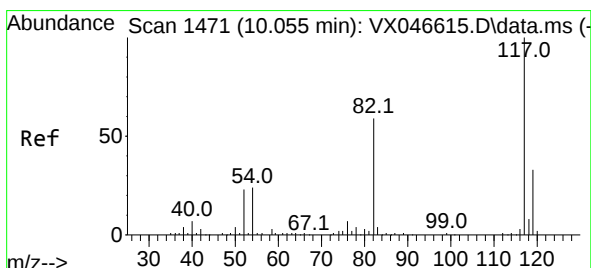
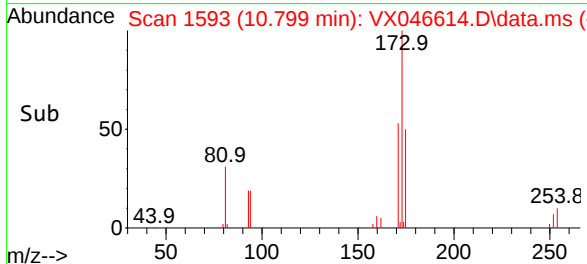
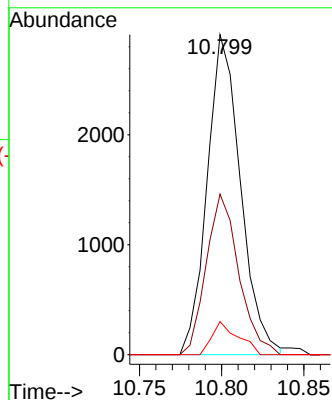
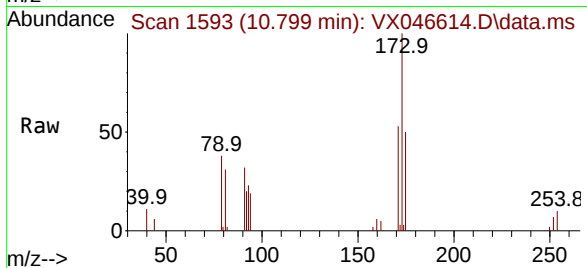
Tgt Ion:173 Resp: 4103

Ion Ratio Lower Upper

173 100

175 49.0 38.0 57.0

254 8.1 6.7 10.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

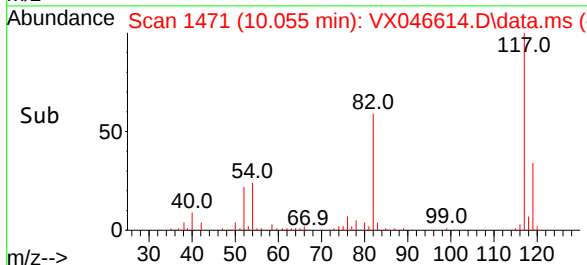
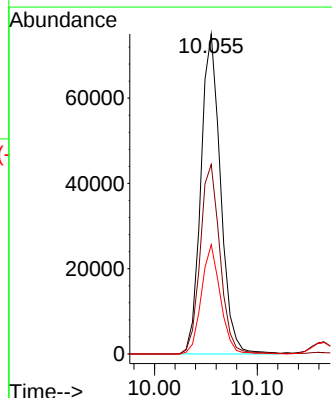
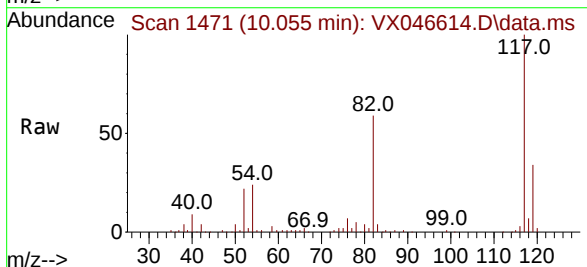
Tgt Ion:117 Resp: 100056

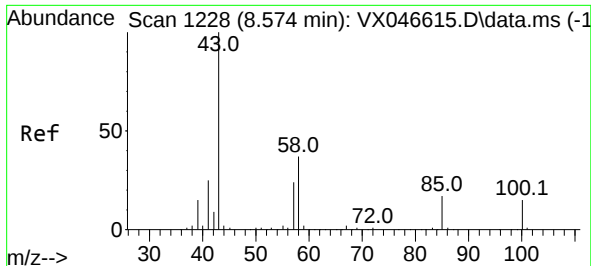
Ion Ratio Lower Upper

117 100

82 59.9 46.5 69.7

119 32.8 25.8 38.6





#58

4-Methyl-2-Pentanone

Concen: 18.799 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

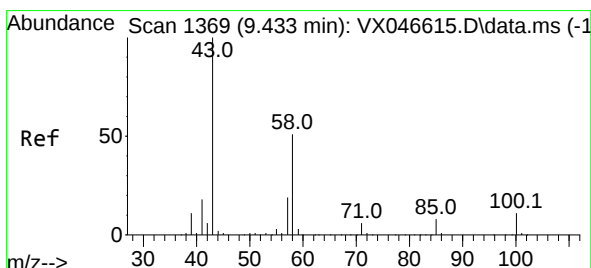
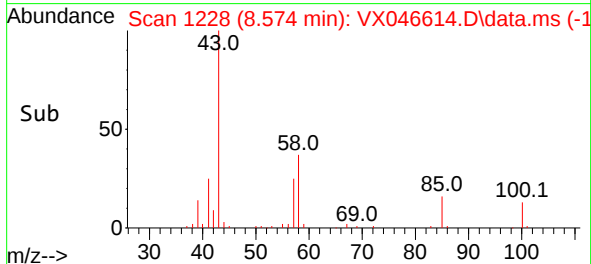
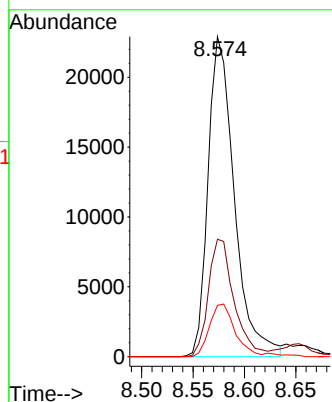
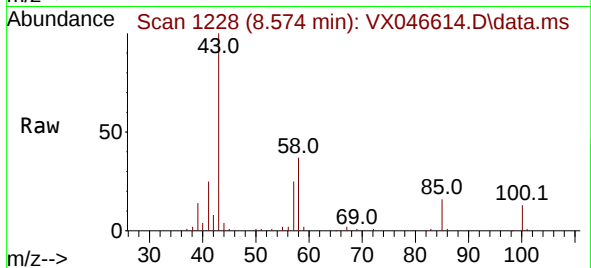
Tgt Ion: 43 Resp: 40811

Ion Ratio Lower Upper

43 100

58 35.9 29.4 44.2

85 15.9 13.3 19.9



#59

2-Hexanone

Concen: 17.430 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

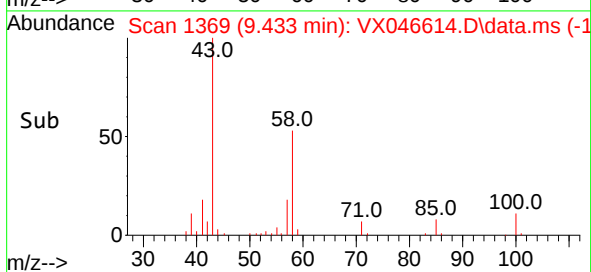
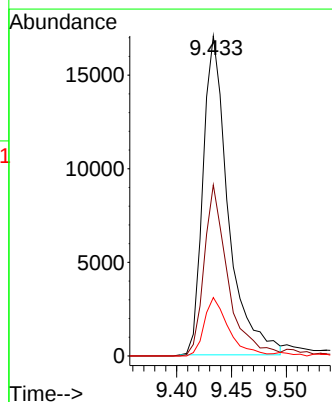
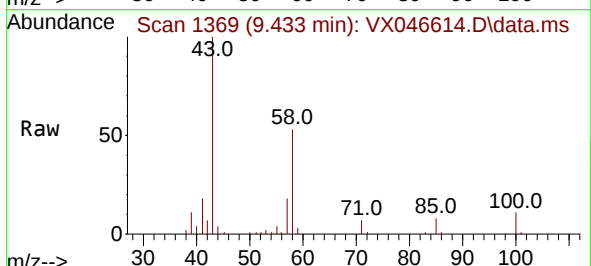
Tgt Ion: 43 Resp: 27294

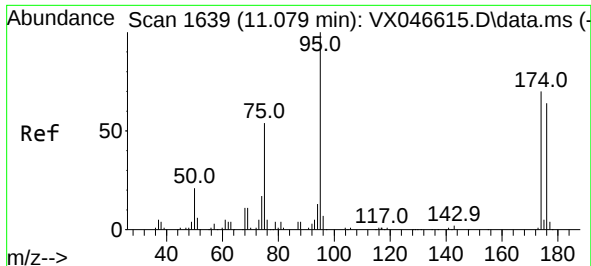
Ion Ratio Lower Upper

43 100

58 50.5 39.8 59.8

57 17.6 14.5 21.7

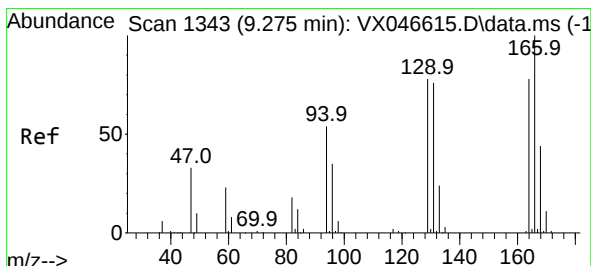
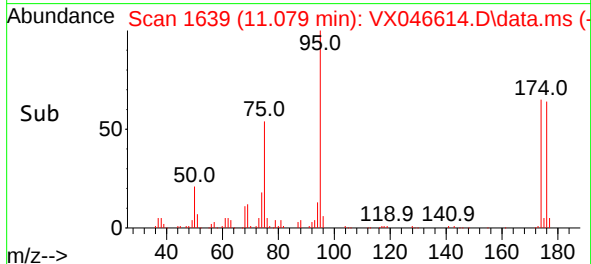
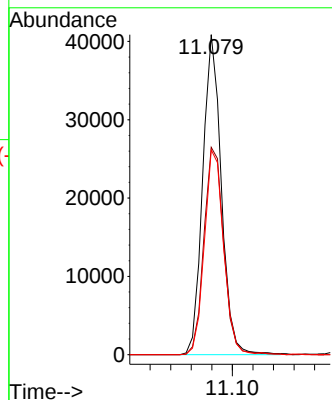
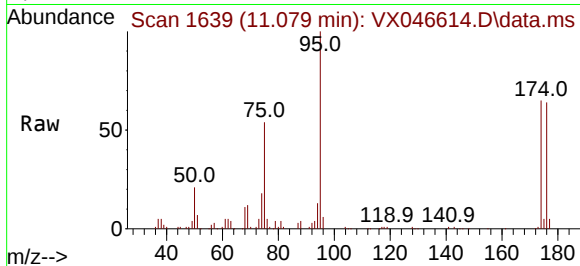




#60
4-Bromofluorobenzene
Concen: 28.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

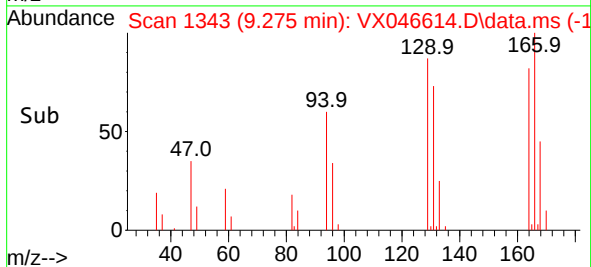
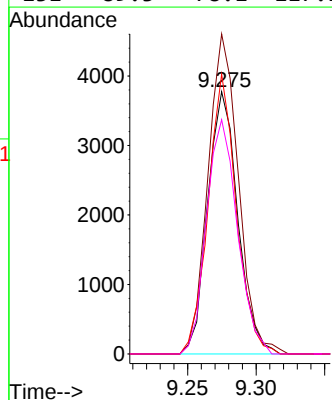
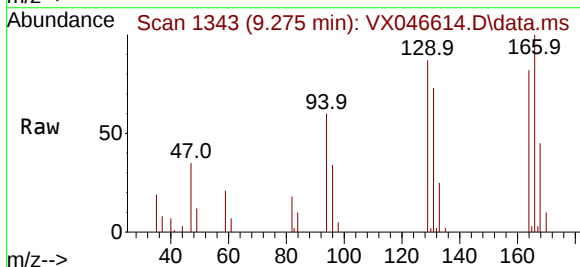
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

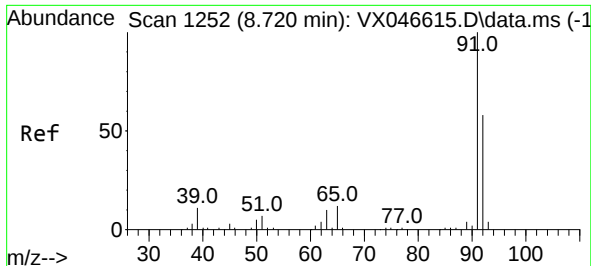
Tgt Ion: 95 Resp: 51515
Ion Ratio Lower Upper
95 100
174 68.7 56.0 84.0
176 65.8 52.2 78.4



#61
Tetrachloroethene
Concen: 4.781 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 164 Resp: 5776
Ion Ratio Lower Upper
164 100
166 122.0 103.1 154.7
129 106.7 80.3 120.5
131 89.3 78.1 117.1

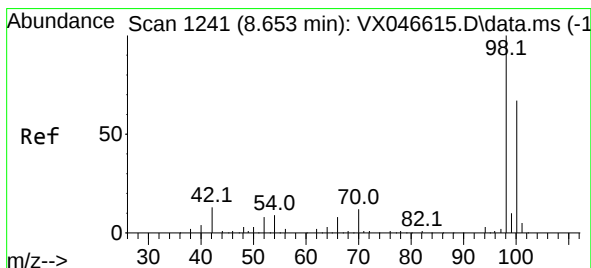
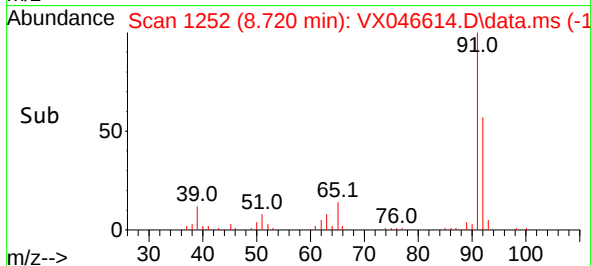
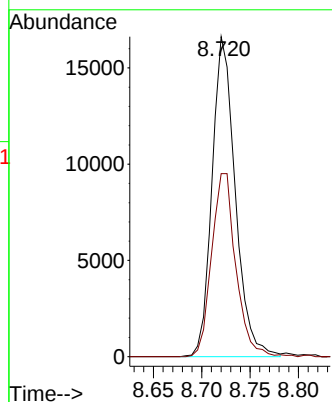
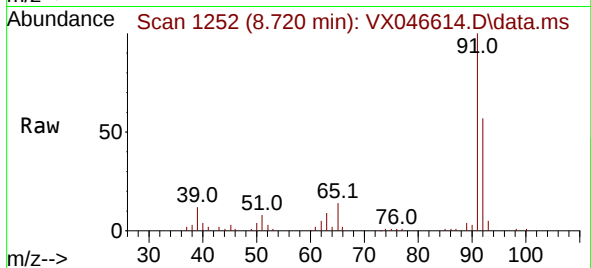




#62
Toluene
Concen: 4.271 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

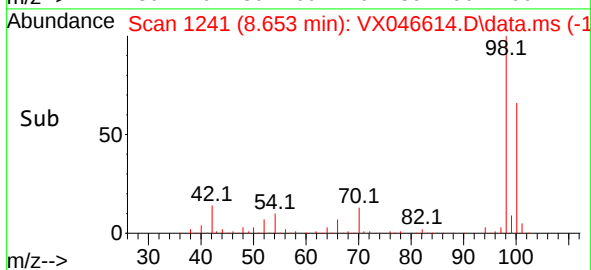
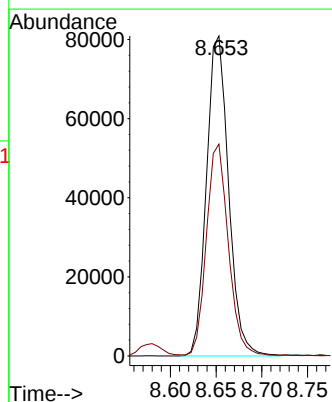
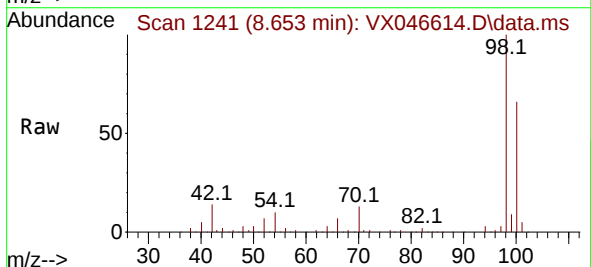
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

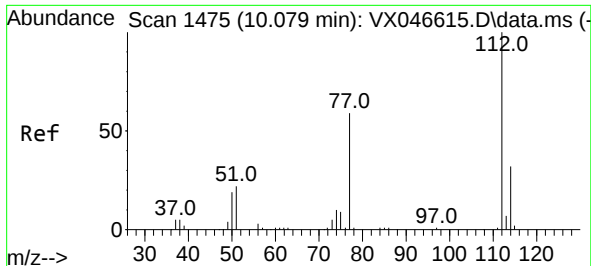
Tgt Ion: 91 Resp: 27732
Ion Ratio Lower Upper
91 100
92 59.5 46.8 70.2



#63
Toluene-d8
Concen: 25.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 98 Resp: 135945
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0





#64

Chlorobenzene

Concen: 4.574 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

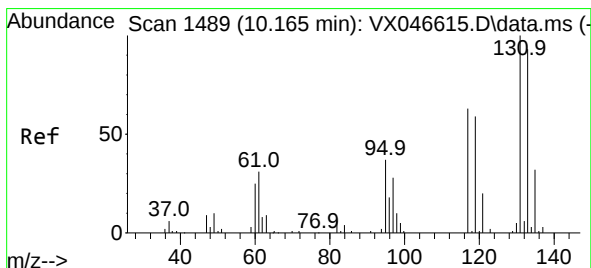
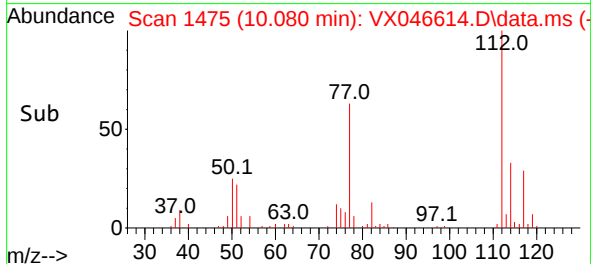
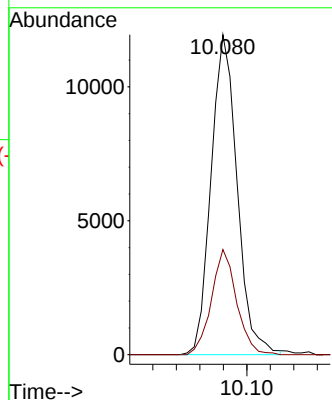
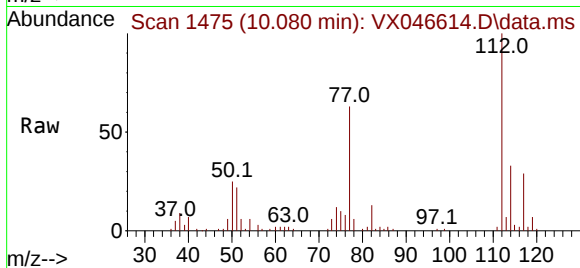
VSTDIC005

Tgt Ion:112 Resp: 18438

Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.0



#65

1,1,1,2-Tetrachloroethane

Concen: 4.329 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

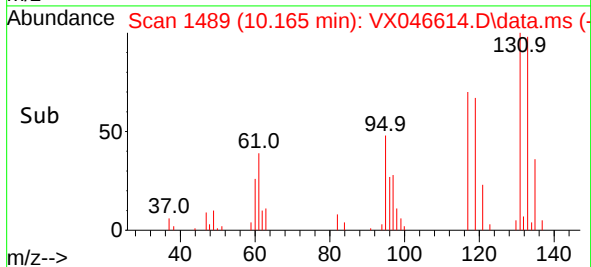
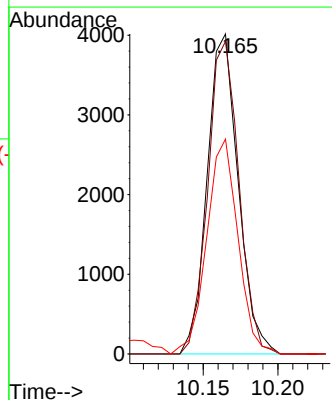
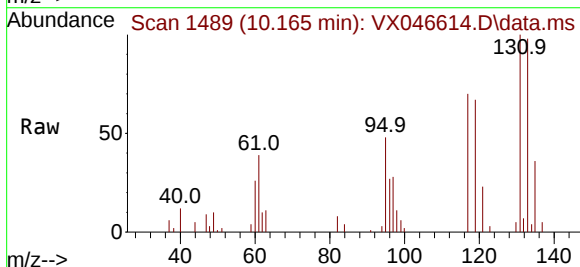
Tgt Ion:131 Resp: 5797

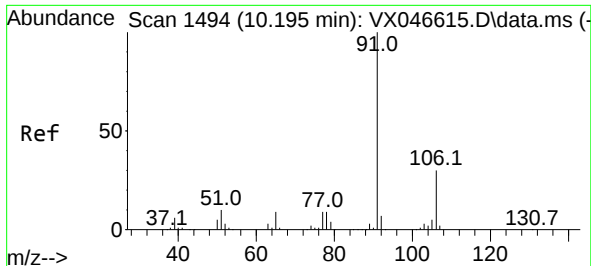
Ion Ratio Lower Upper

131 100

133 97.8 0.0 190.6

119 67.5 0.0 131.2

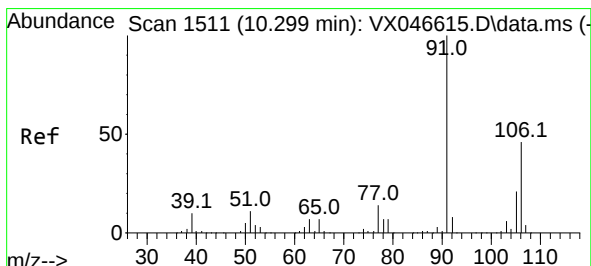
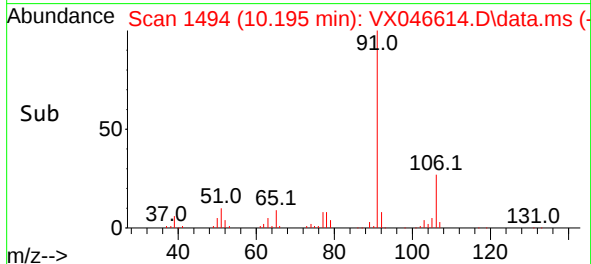
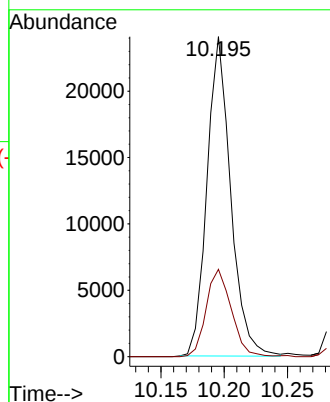
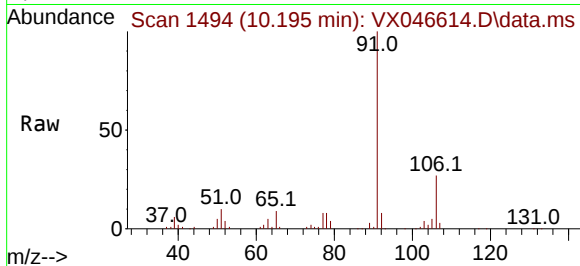




#66
Ethyl Benzene
Concen: 4.369 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

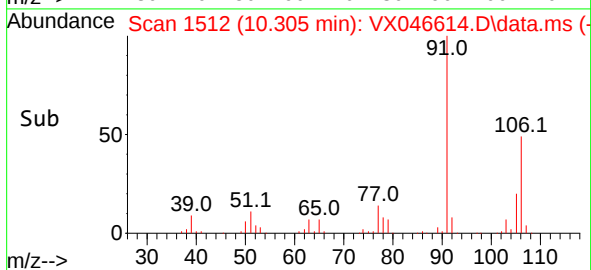
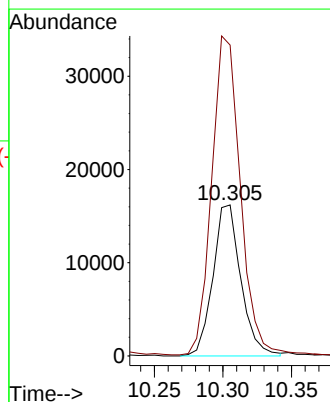
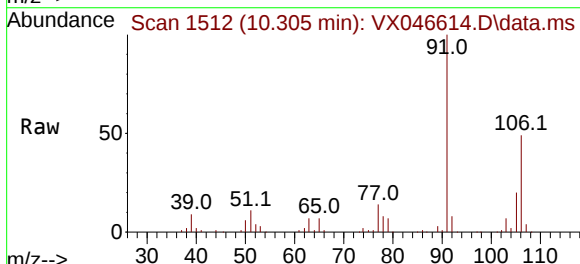
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

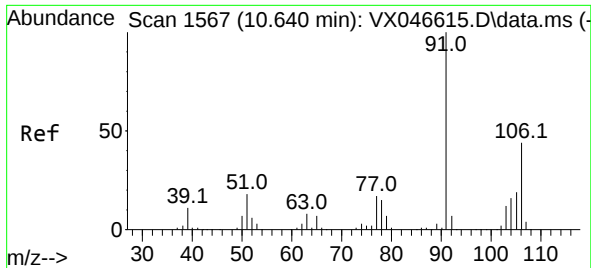
Tgt Ion: 91 Resp: 31311
Ion Ratio Lower Upper
91 100
106 27.4 23.9 35.9



#67
m/p-Xylenes
Concen: 8.659 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 106 Resp: 22936
Ion Ratio Lower Upper
106 100
91 219.1 171.5 257.3

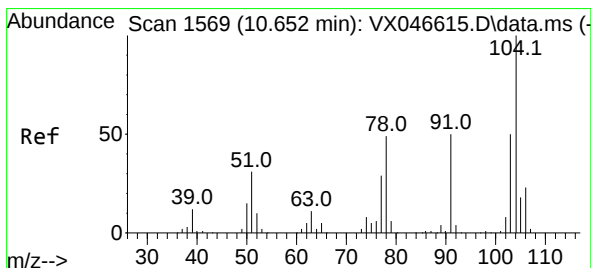
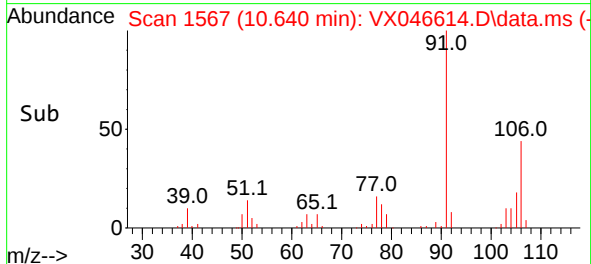
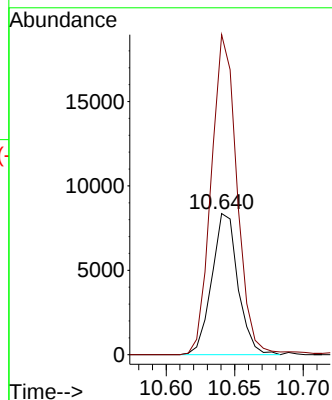
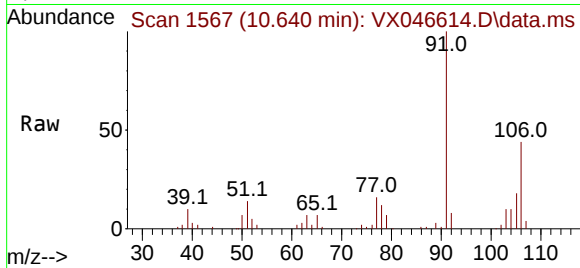




#68
o-Xylene
Concen: 4.286 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

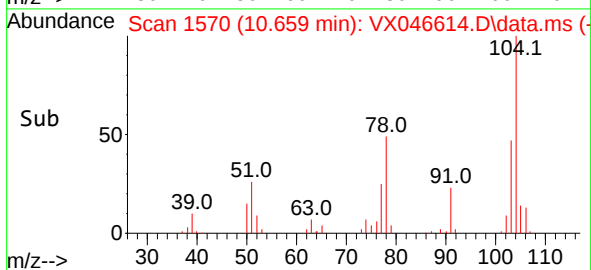
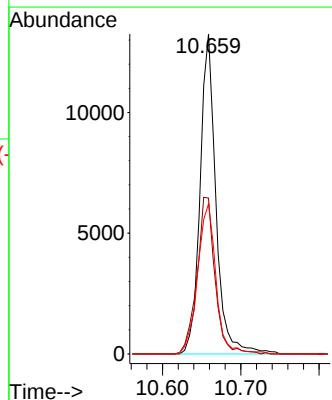
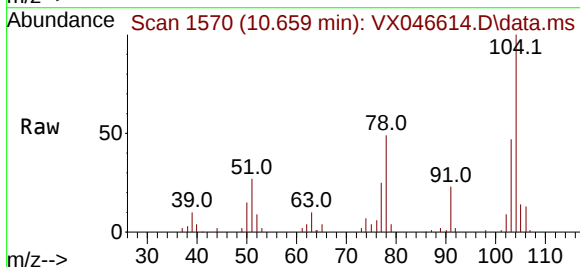
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

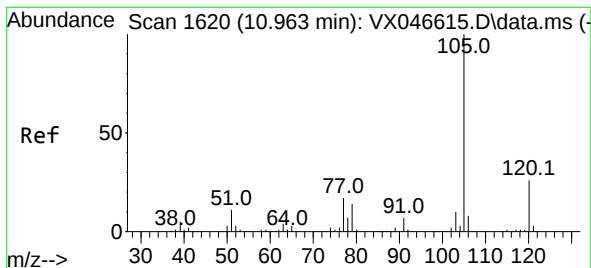
Tgt Ion:106 Resp: 11097
Ion Ratio Lower Upper
106 100
91 222.3 112.3 336.9



#69
Styrene
Concen: 4.280 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:104 Resp: 18699
Ion Ratio Lower Upper
104 100
78 55.7 43.1 64.7
103 53.9 42.9 64.3





#70

Isopropylbenzene

Concen: 4.557 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

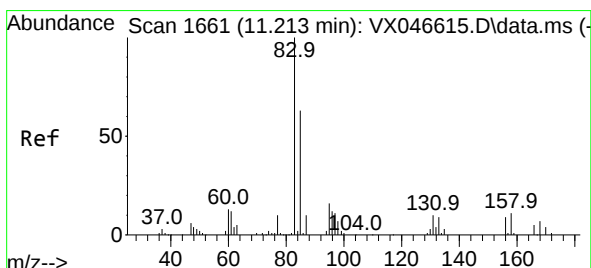
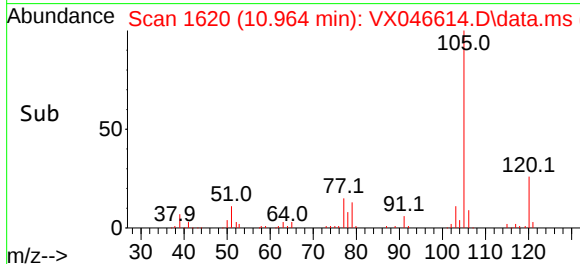
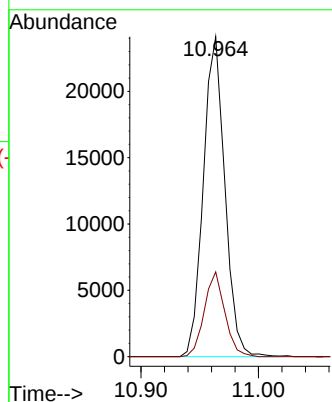
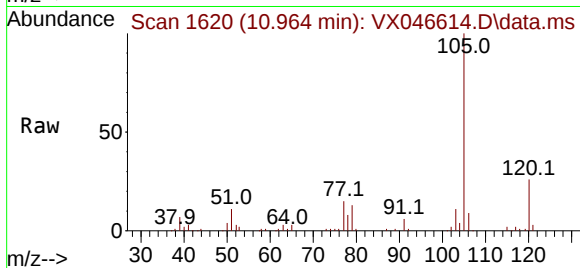
VSTDIC005

Tgt Ion:105 Resp: 30702

Ion Ratio Lower Upper

105 100

120 25.2 18.1 33.5



#71

1,1,2,2-Tetrachloroethane

Concen: 4.357 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

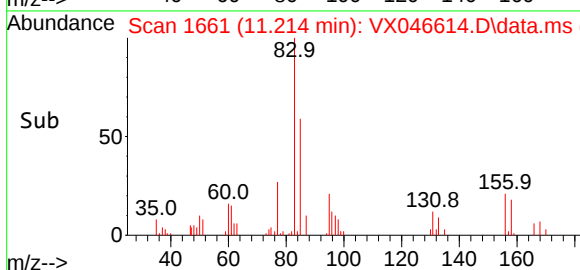
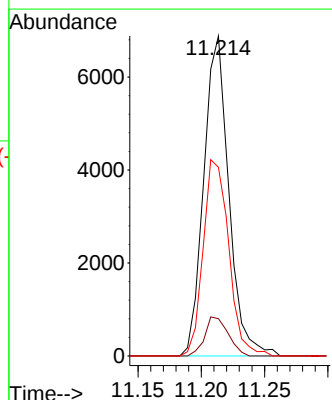
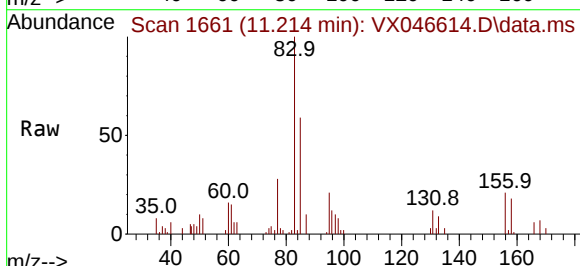
Tgt Ion: 83 Resp: 9519

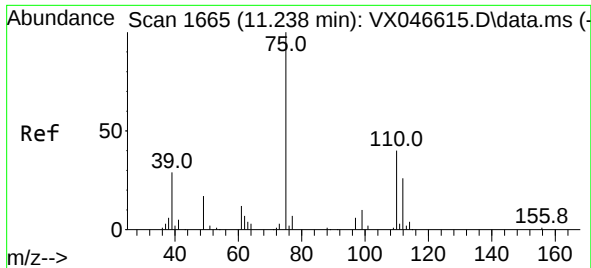
Ion Ratio Lower Upper

83 100

131 11.4 5.0 14.9

85 62.4 31.5 94.5

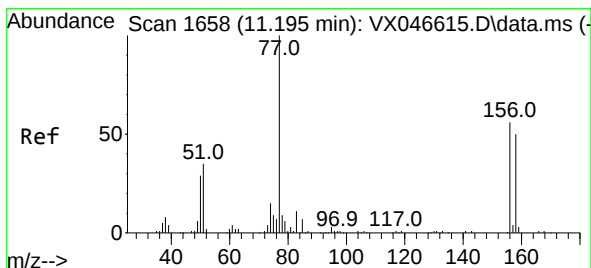
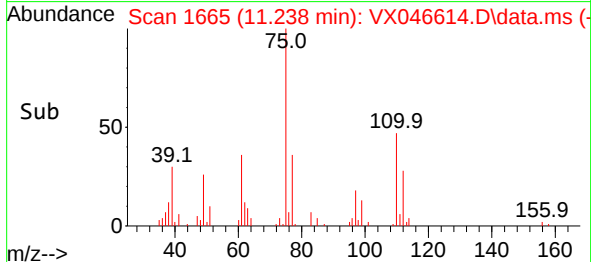
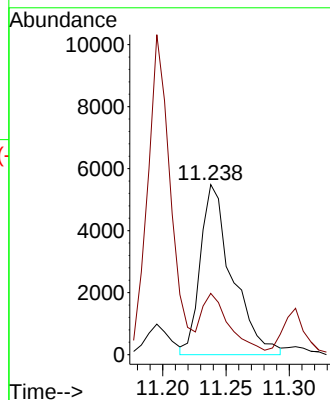
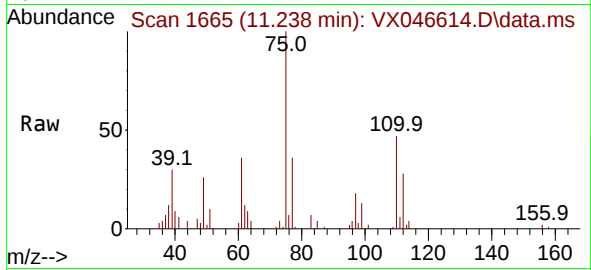




#72
1,2,3-Trichloropropane
Concen: 5.340 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

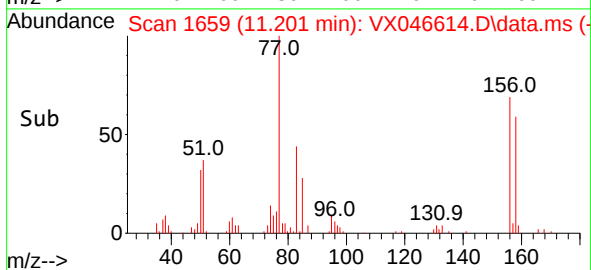
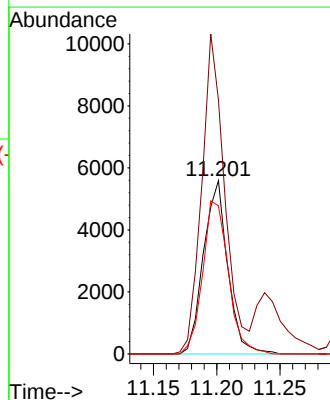
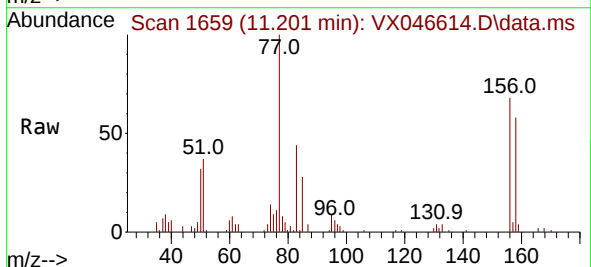
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

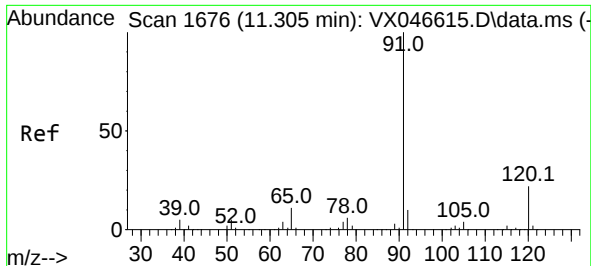
Tgt Ion: 75 Resp: 9623
Ion Ratio Lower Upper
75 100
77 31.8 0.0 82.6



#73
Bromobenzene
Concen: 4.799 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:156 Resp: 7460
Ion Ratio Lower Upper
156 100
77 175.5 0.0 358.6
158 93.7 0.0 192.0

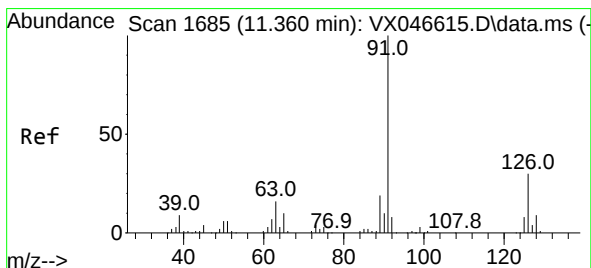
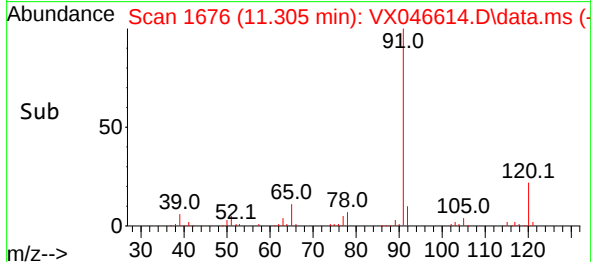
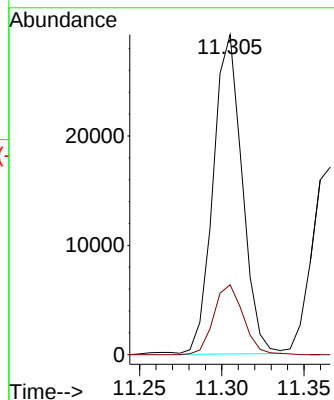
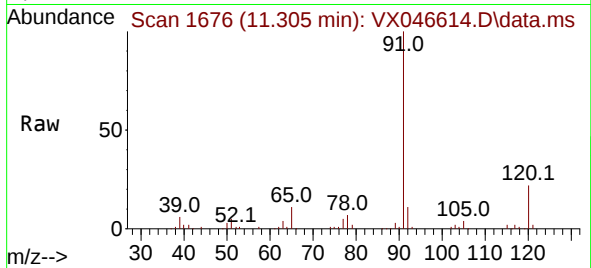




#74
n-propylbenzene
Concen: 4.437 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

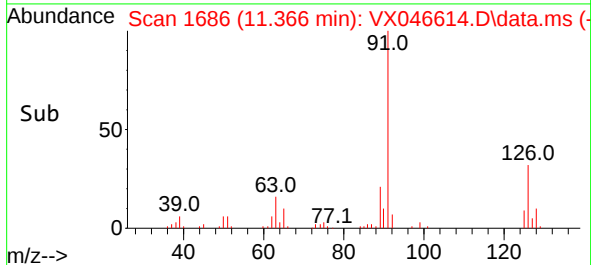
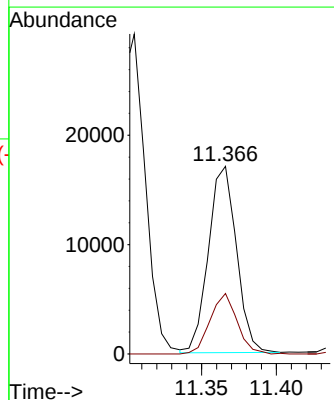
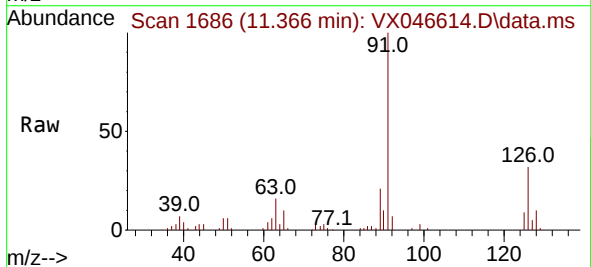
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

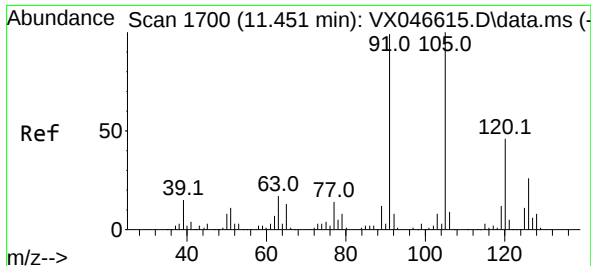
Tgt Ion: 91 Resp: 35787
Ion Ratio Lower Upper
91 100
120 22.4 0.0 43.8



#75
2-Chlorotoluene
Concen: 4.585 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 91 Resp: 22257
Ion Ratio Lower Upper
91 100
126 31.0 0.0 63.0

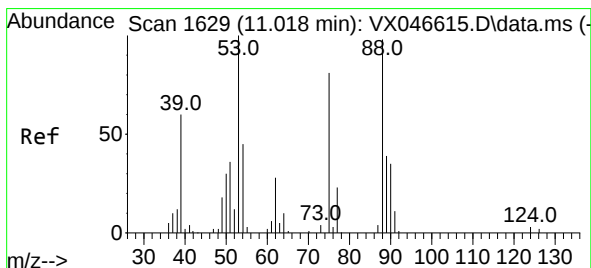
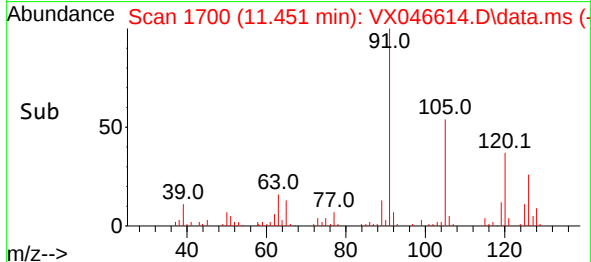
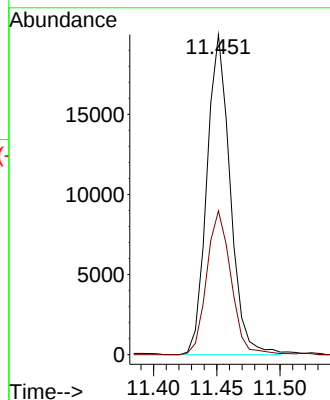
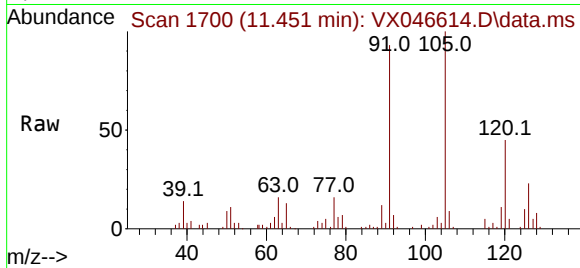




#76
1,3,5-Trimethylbenzene
Concen: 4.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

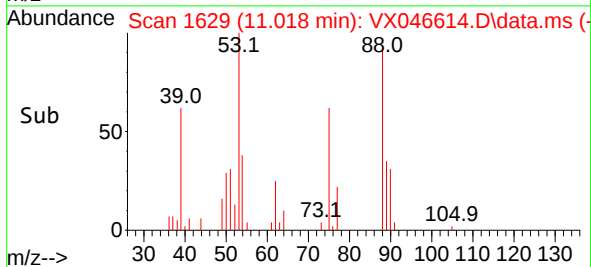
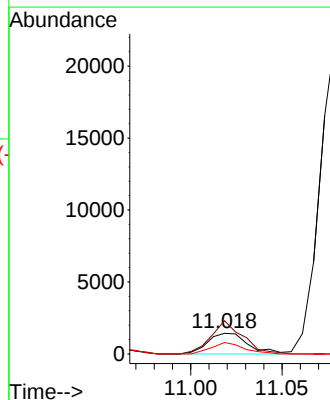
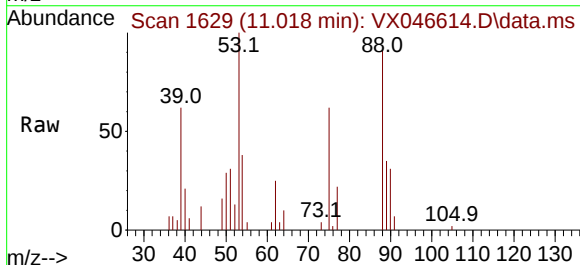
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

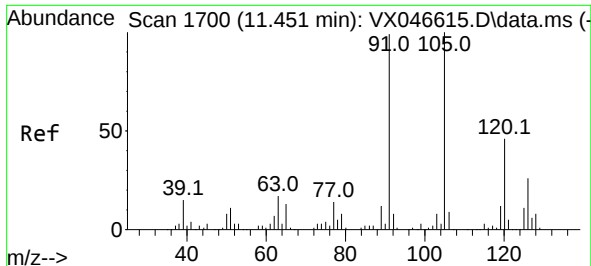
Tgt Ion:105 Resp: 25610
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.8



#77
t-1,4-Dichloro-2-butene
Concen: 3.597 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 75 Resp: 2205
Ion Ratio Lower Upper
75 100
53 161.3 61.9 185.7
89 55.6 24.0 72.0

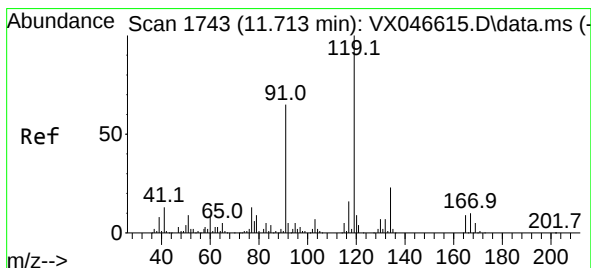
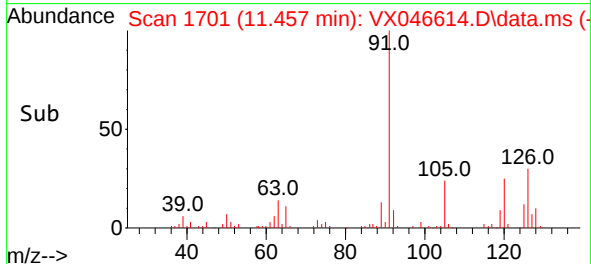
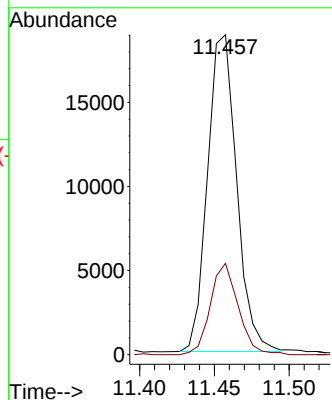
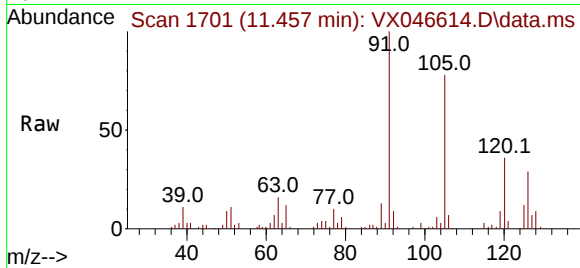




#78
4-Chlorotoluene
Concen: 4.653 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

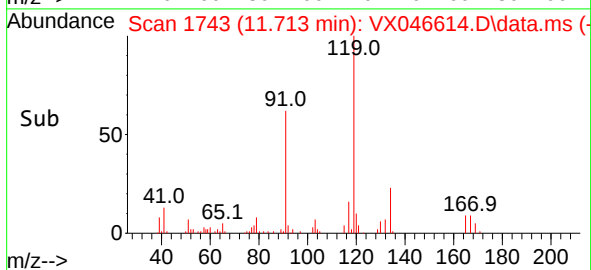
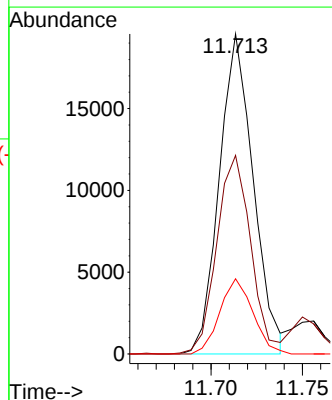
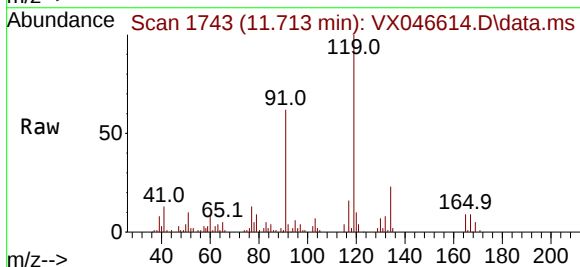
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

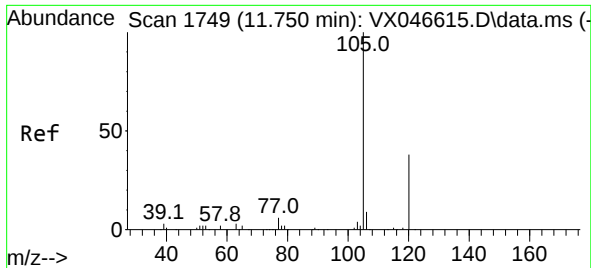
Tgt Ion: 91 Resp: 25479
Ion Ratio Lower Upper
91 100
126 27.7 0.0 55.0



#79
tert-butylbenzene
Concen: 4.521 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 119 Resp: 25323
Ion Ratio Lower Upper
119 100
91 62.2 0.0 126.0
134 22.8 0.0 45.6

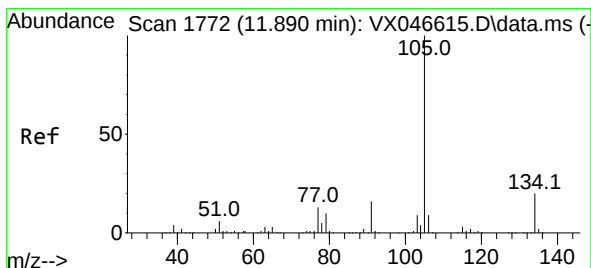
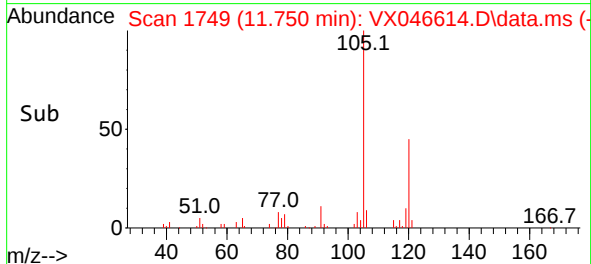
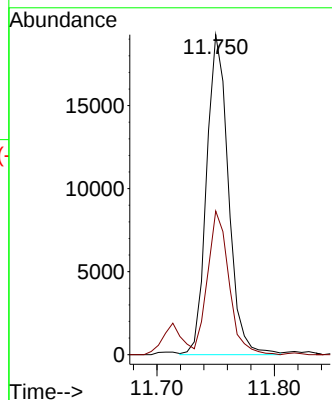
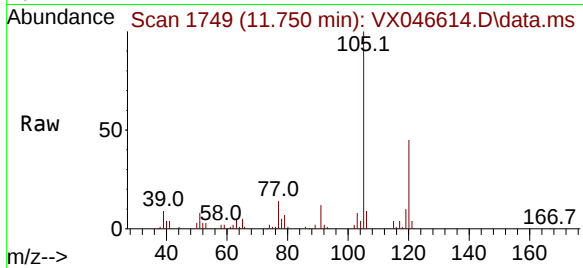




#80
 1,2,4-Trimethylbenzene
 Concen: 4.475 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

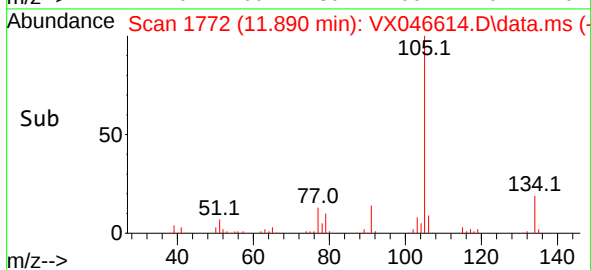
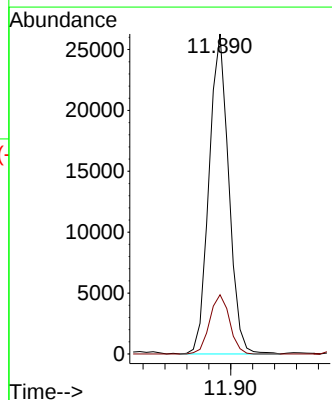
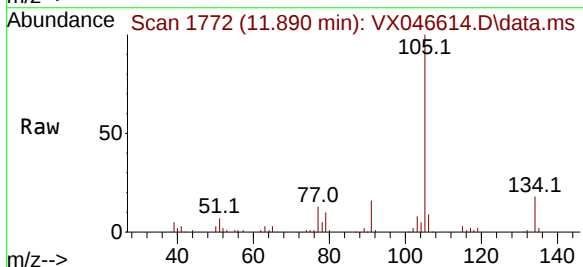
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

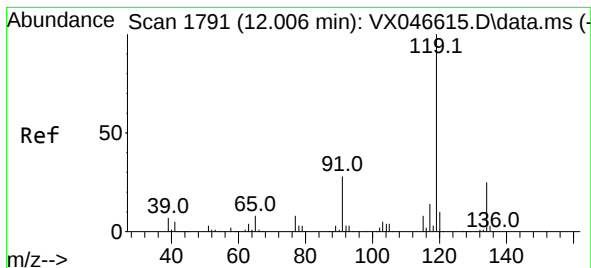
Tgt Ion:105 Resp: 24894
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 89.6



#81
 sec-Butylbenzene
 Concen: 4.630 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046614.D
 Acq: 10 Jun 2025 20:19

Tgt Ion:105 Resp: 32733
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4





#82

p-Isopropyltoluene

Concen: 4.517 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

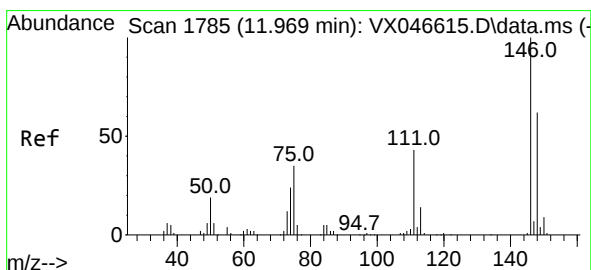
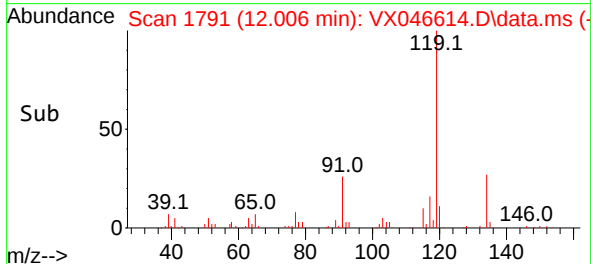
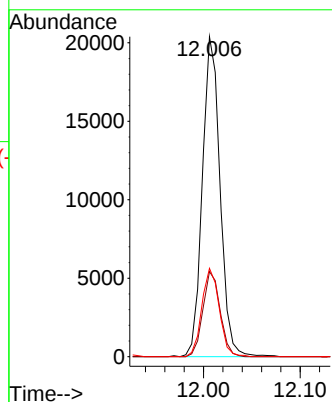
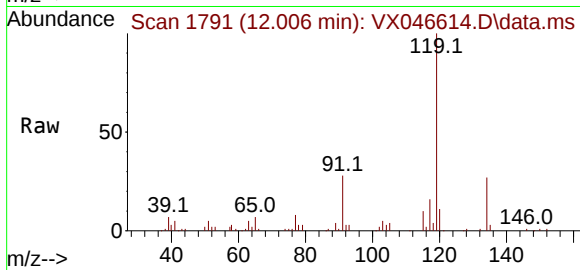
Tgt Ion:119 Resp: 25993

Ion Ratio Lower Upper

119 100

134 25.9 0.0 50.0

91 27.1 0.0 54.0



#83

1,3-Dichlorobenzene

Concen: 4.793 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

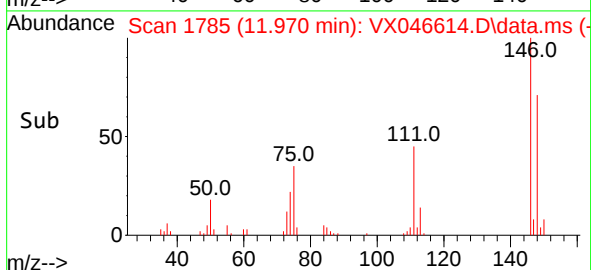
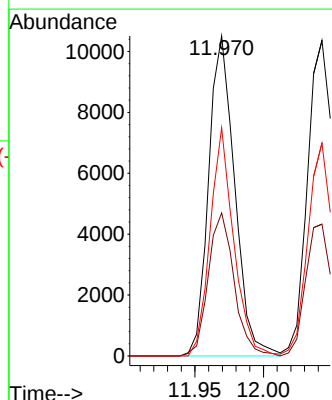
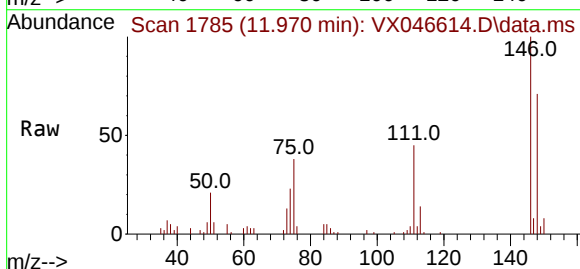
Tgt Ion:146 Resp: 13898

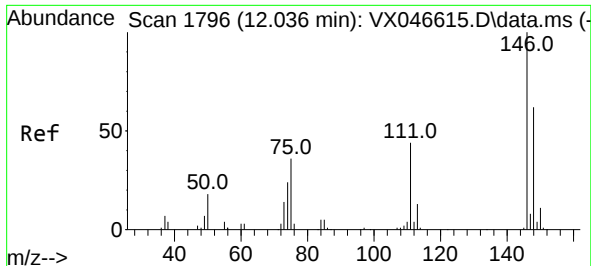
Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.8

148 64.8 32.0 96.2

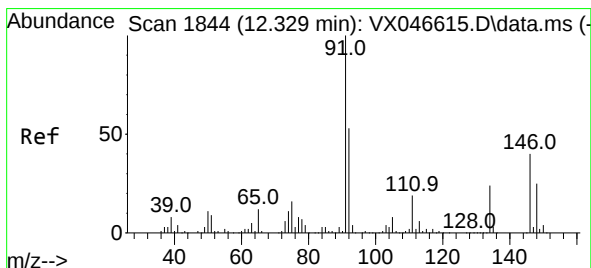
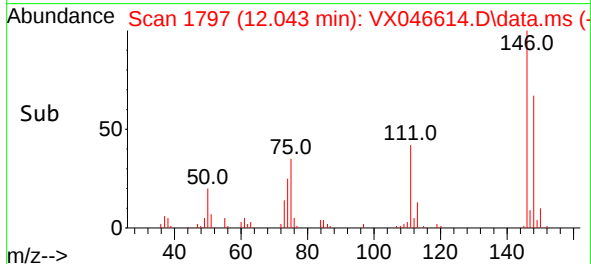
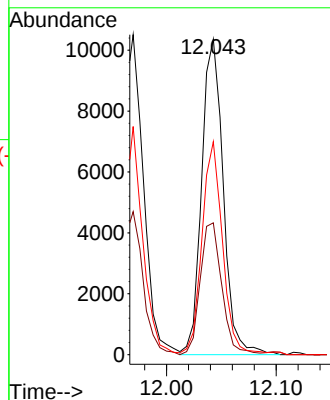
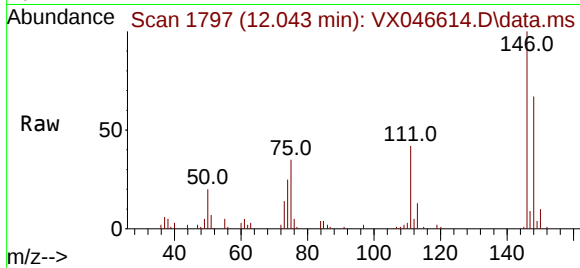




#84
1,4-Dichlorobenzene
Concen: 4.923 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

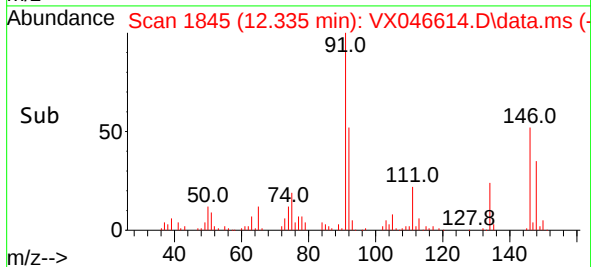
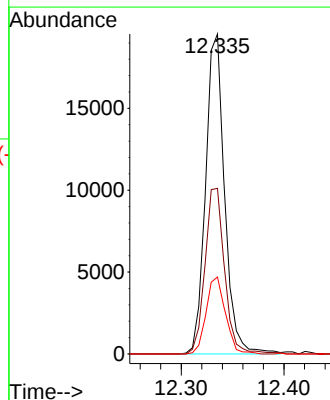
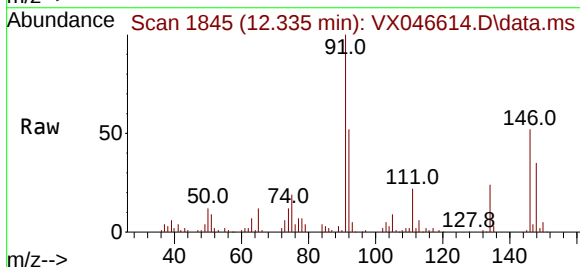
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

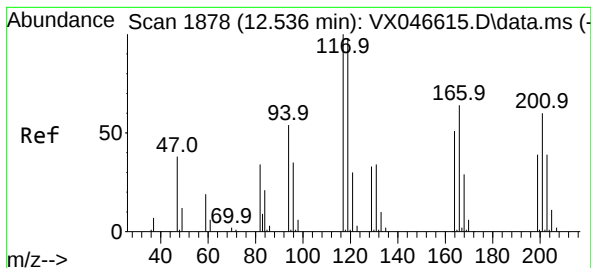
Tgt Ion:146 Resp: 14175
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 64.4 31.4 94.3



#85
n-Butylbenzene
Concen: 4.722 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion: 91 Resp: 25235
Ion Ratio Lower Upper
91 100
92 53.4 0.0 106.4
134 24.1 0.0 48.8





#86

Hexachloroethane

Concen: 4.374 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

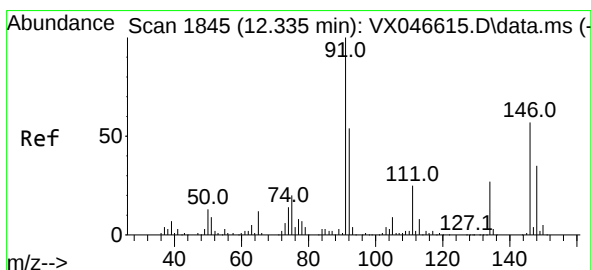
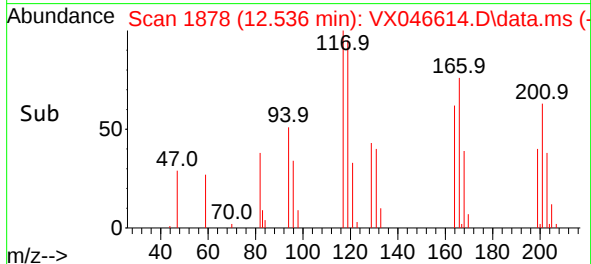
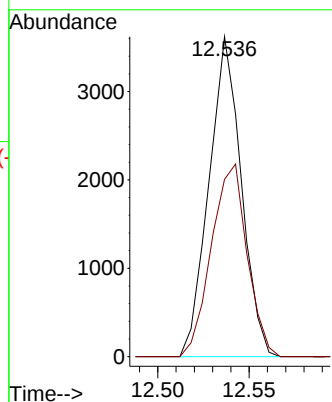
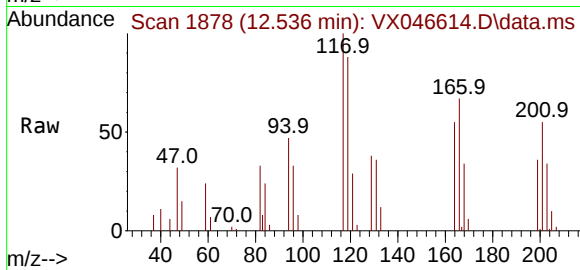
VSTDIC005

Tgt Ion:117 Resp: 4454

Ion Ratio Lower Upper

117 100

201 66.6 31.7 95.1



#87

1,2-Dichlorobenzene

Concen: 4.757 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX046614.D

Acq: 10 Jun 2025 20:19

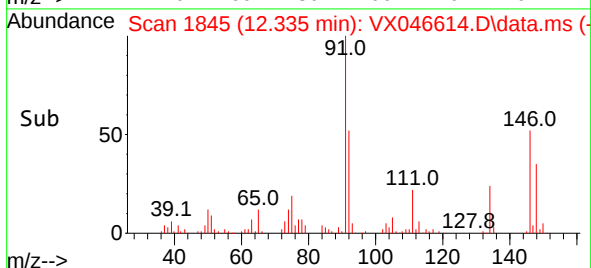
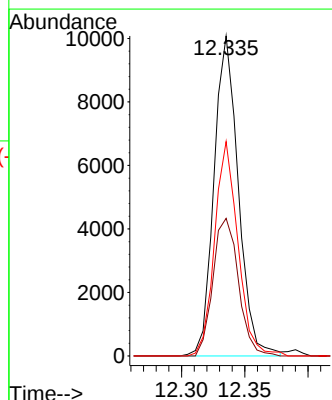
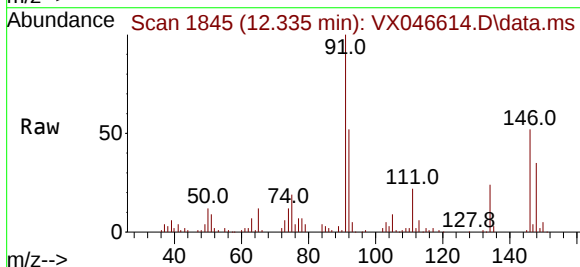
Tgt Ion:146 Resp: 13468

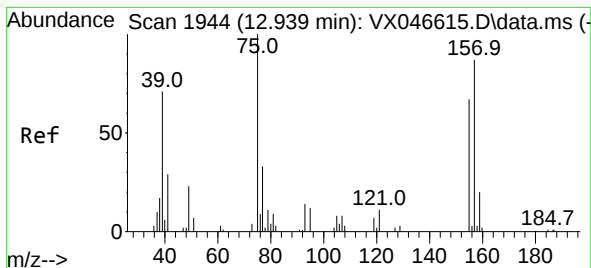
Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.5

148 63.9 31.6 94.8

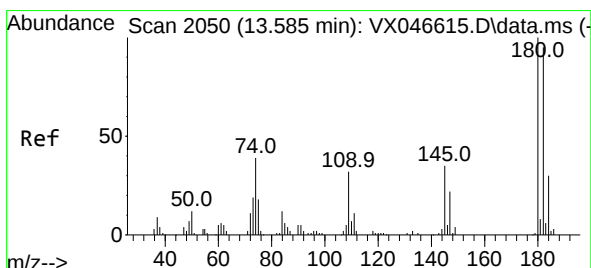
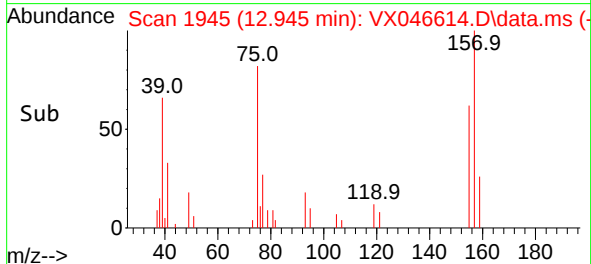
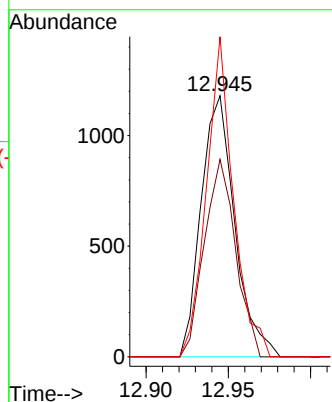
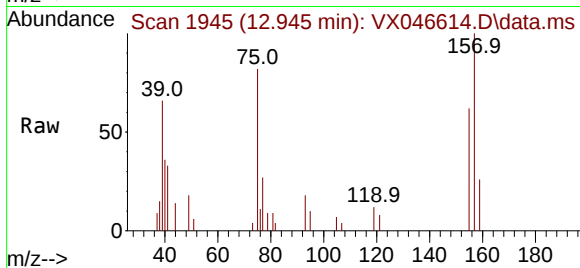




#88
1,2-Dibromo-3-Chloropropane
Concen: 3.904 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

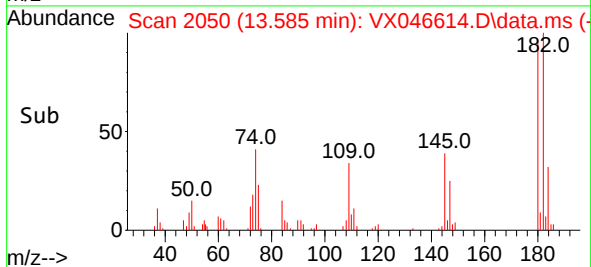
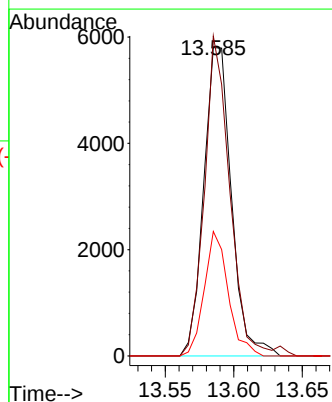
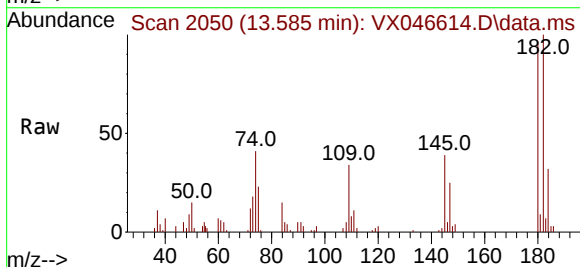
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

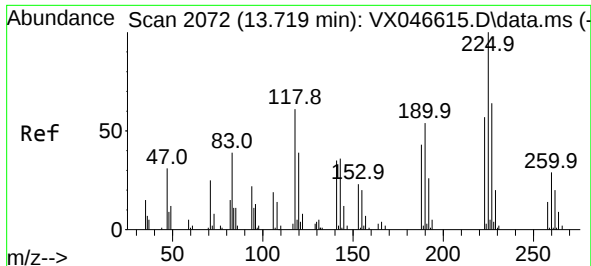
Tgt Ion: 75 Resp: 1679
Ion Ratio Lower Upper
75 100
155 70.2 59.4 89.2
157 98.4 75.0 112.6



#89
1,2,4-Trichlorobenzene
Concen: 4.637 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:180 Resp: 8164
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 34.9 27.4 41.0

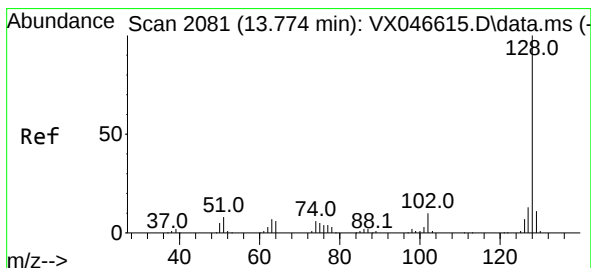
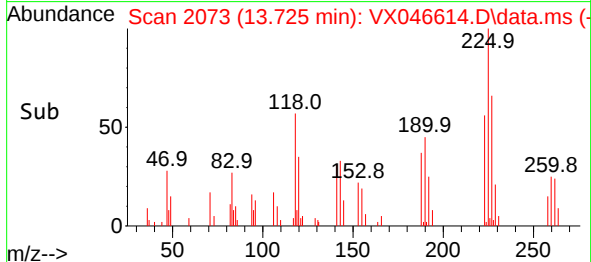
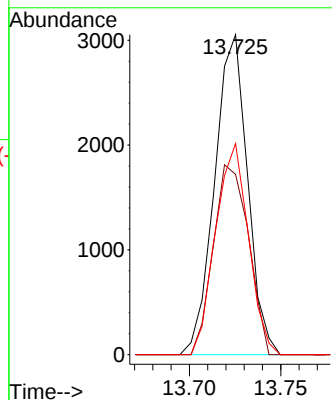
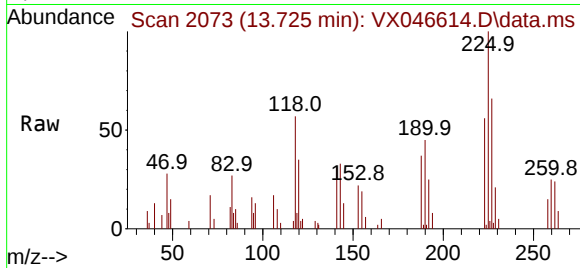




#90
Hexachlorobutadiene
Concen: 5.291 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

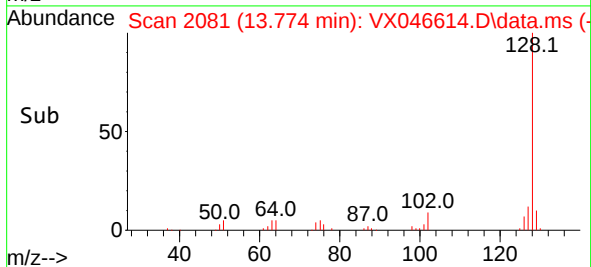
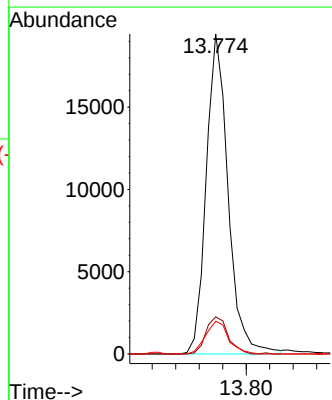
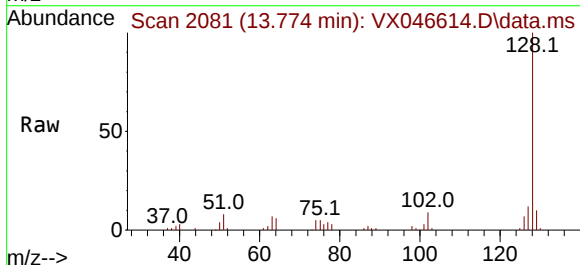
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

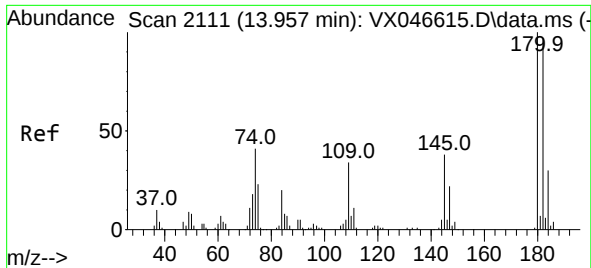
Tgt Ion:225 Resp: 3828
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.4
227 65.8 0.0 131.4



#91
Naphthalene
Concen: 4.155 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046614.D
Acq: 10 Jun 2025 20:19

Tgt Ion:128 Resp: 25102
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.4
129 10.7 8.8 13.2





#92

1,2,3-Trichlorobenzene

Concen: 4.528 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046614.D

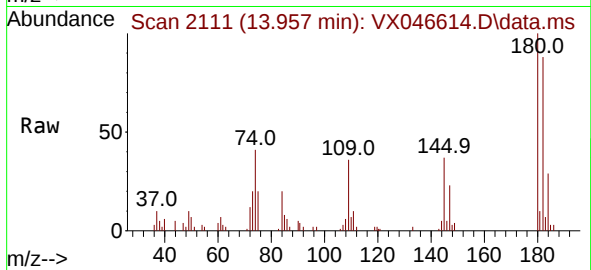
Acq: 10 Jun 2025 20:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



Tgt Ion:180 Resp: 8091

Ion Ratio Lower Upper

180 100

182 94.9 0.0 190.2

145 37.6 0.0 71.8

