

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046409.D
 Acq On : 30 May 2025 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 30 23:22:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	91458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	155659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84132	49.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.680%
35) Dibromofluoromethane	5.373	113	58349	52.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.120%
50) Toluene-d8	8.641	98	191933	49.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	75501	50.734	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74890	53.499	ug/l	96
3) Chloromethane	1.301	50	73284	53.985	ug/l	98
4) Vinyl Chloride	1.374	62	66063	52.290	ug/l	99
5) Bromomethane	1.593	94	29432	50.227	ug/l	100
6) Chloroethane	1.666	64	36390	53.955	ug/l	98
7) Trichlorofluoromethane	1.874	101	102733	55.020	ug/l	99
8) Diethyl Ether	2.130	74	32852	51.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	64429	55.758	ug/l	98
10) Methyl Iodide	2.441	142	73946	54.083	ug/l	100
11) Tert butyl alcohol	2.971	59	60217	251.596	ug/l	100
12) 1,1-Dichloroethene	2.313	96	58940	54.349	ug/l	96
13) Acrolein	2.233	56	73354	269.119	ug/l	98
14) Allyl chloride	2.654	41	118430	57.140	ug/l	97
15) Acrylonitrile	3.056	53	191001	279.087	ug/l	98
16) Acetone	2.380	43	192269	281.238	ug/l	99
17) Carbon Disulfide	2.502	76	136592	53.127	ug/l	100
18) Methyl Acetate	2.703	43	107277	67.621	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	206503	54.313	ug/l	100
20) Methylene Chloride	2.782	84	65272	49.822	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	59084	54.176	ug/l	95
22) Diisopropyl ether	3.751	45	224967	56.192	ug/l	99
23) Vinyl Acetate	3.715	43	959795	272.572	ug/l	100
24) 1,1-Dichloroethane	3.599	63	123217	55.257	ug/l	99
25) 2-Butanone	4.544	43	274497	276.566	ug/l	100
26) 2,2-Dichloropropane	4.465	77	95191	54.540	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	71161	54.202	ug/l	99
28) Bromochloromethane	4.885	49	54104	50.407	ug/l	98
29) Tetrahydrofuran	4.995	42	170240	273.726	ug/l	98
30) Chloroform	5.080	83	126809	54.560	ug/l	99
31) Cyclohexane	5.458	56	107618	52.962	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	108862	54.032	ug/l	99
36) 1,1-Dichloropropene	5.678	75	81871	54.361	ug/l	99
37) Ethyl Acetate	4.702	43	102307	54.982	ug/l	99
38) Carbon Tetrachloride	5.666	117	92271	54.528	ug/l	97
39) Methylcyclohexane	7.373	83	105648	54.488	ug/l	98
40) Benzene	6.025	78	242267	54.919	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	59869	61.507	ug/l	98
42) 1,2-Dichloroethane	6.074	62	103627	54.429	ug/l	99
43) Isopropyl Acetate	6.330	43	159524	56.197	ug/l	99
44) Trichloroethene	7.117	130	58068	54.691	ug/l	94
45) 1,2-Dichloropropane	7.421	63	61502	56.068	ug/l	95
46) Dibromomethane	7.574	93	47561	54.974	ug/l	99
47) Bromodichloromethane	7.812	83	96856	56.841	ug/l	99
48) Methyl methacrylate	7.684	41	83228	57.410	ug/l	99
49) 1,4-Dioxane	7.653	88	28493	1035.118	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	527696	280.055	ug/l	99
52) Toluene	8.714	92	146396	54.121	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	86367	57.024	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	96608	57.712	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	58592	54.934	ug/l	98
56) Ethyl methacrylate	9.110	69	97109	57.126	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102354	53.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	239108	275.903	ug/l	100
59) 2-Hexanone	9.427	43	391463	280.812	ug/l	100
60) Dibromochloromethane	9.519	129	67824	57.902	ug/l	97
61) 1,2-Dibromoethane	9.604	107	61152	55.163	ug/l	99
64) Tetrachloroethene	9.269	164	51973	56.142	ug/l	96
65) Chlorobenzene	10.073	112	154770	54.044	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55431	56.685	ug/l	99
67) Ethyl Benzene	10.189	91	289173	57.284	ug/l	100
68) m/p-Xylenes	10.299	106	209150	113.281	ug/l	98
69) o-Xylene	10.634	106	102312	56.842	ug/l	98
70) Styrene	10.653	104	173337	58.788	ug/l	99
71) Bromoform	10.793	173	42852	58.367	ug/l #	98
73) Isopropylbenzene	10.957	105	274433	54.621	ug/l	100
74) N-amyl acetate	10.842	43	136906	55.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90062	51.151	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	104631	67.356	ug/l	84
77) Bromobenzene	11.195	156	62435	53.525	ug/l	99
78) n-propylbenzene	11.299	91	326575	55.901	ug/l	100
79) 2-Chlorotoluene	11.360	91	198028	52.554	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	230250	54.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	26906	56.390	ug/l	98
82) 4-Chlorotoluene	11.451	91	230030	55.048	ug/l	99
83) tert-Butylbenzene	11.713	119	227701	53.855	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	235959	55.511	ug/l	99
85) sec-Butylbenzene	11.884	105	291277	56.108	ug/l	100
86) p-Isopropyltoluene	12.006	119	243737	56.880	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	116500	54.725	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	115980	53.346	ug/l	100
89) n-Butylbenzene	12.329	91	224309	59.677	ug/l	100
90) Hexachloroethane	12.536	117	43197	57.220	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	114383	53.544	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21197	54.344	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	69193	56.393	ug/l	99
94) Hexachlorobutadiene	13.719	225	30357	56.649	ug/l	97
95) Naphthalene	13.774	128	246917	54.869	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	69047	54.538	ug/l	99

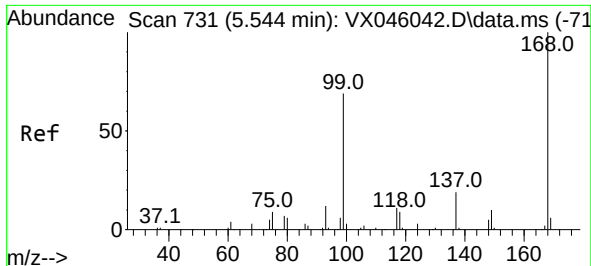
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Response via : Initial Calibration

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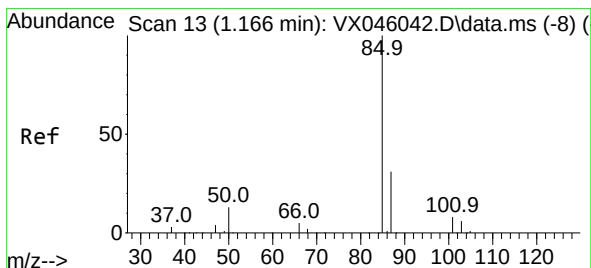
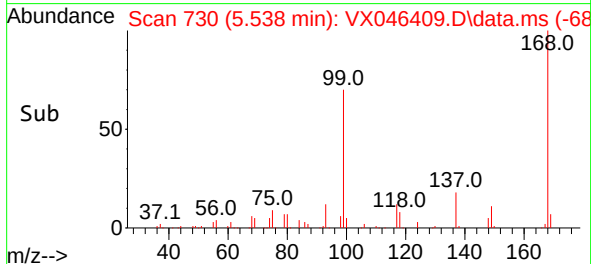
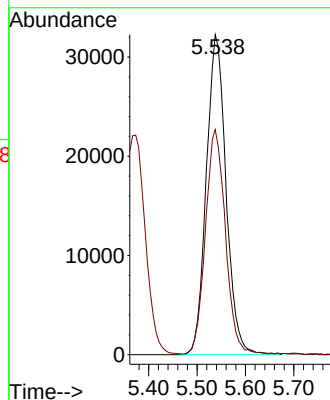
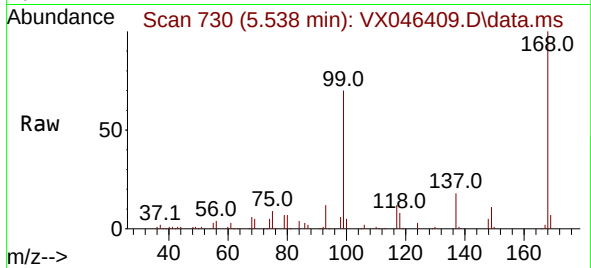
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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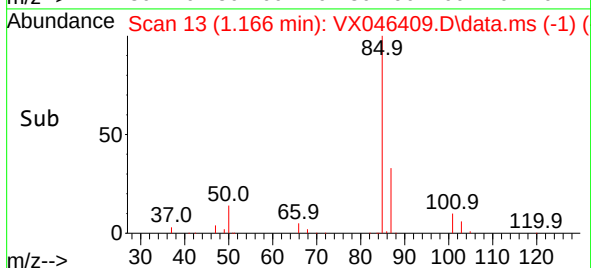
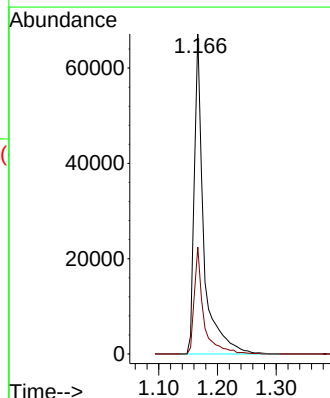
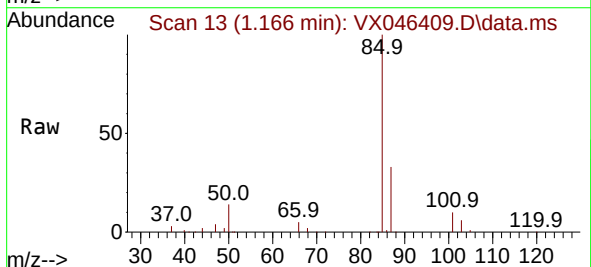
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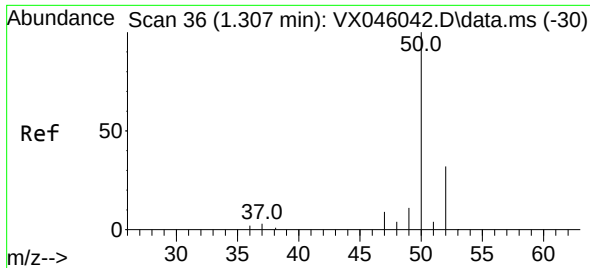
Tgt Ion:168 Resp: 91458
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 53.499 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 85 Resp: 74890
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.1

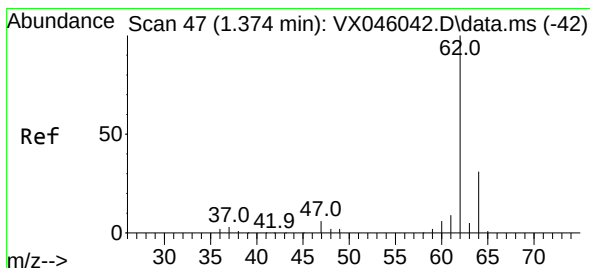
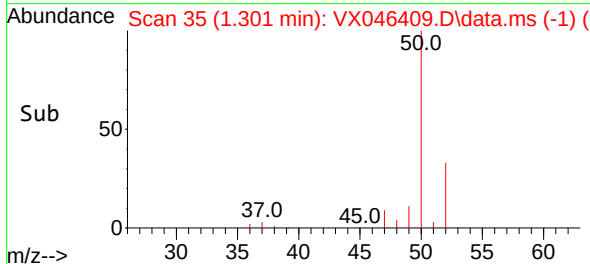
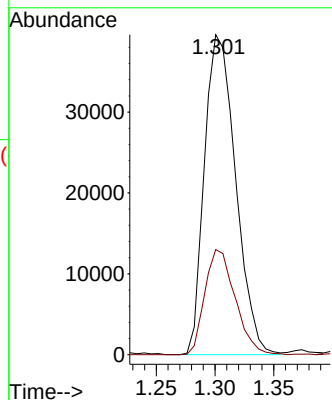
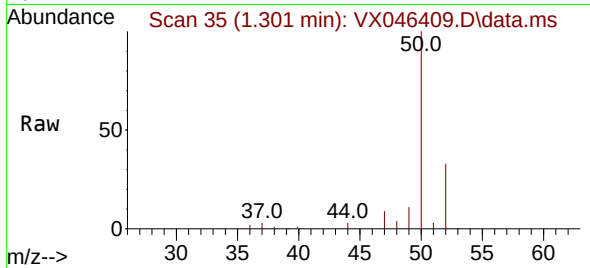




#3
Chloromethane
Concen: 53.985 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

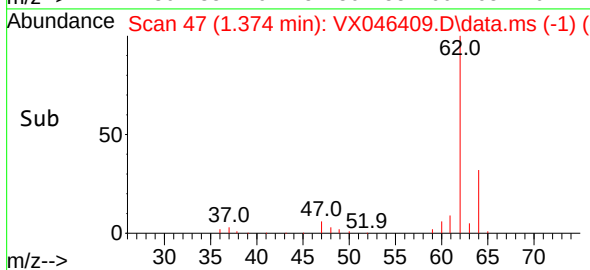
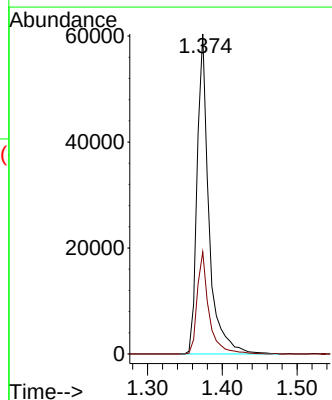
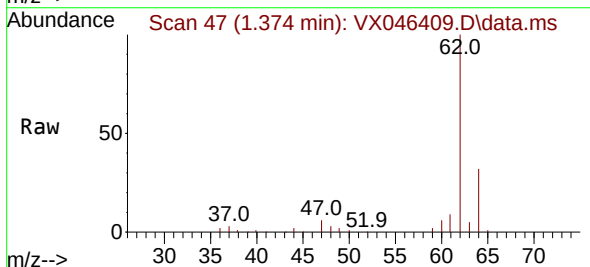
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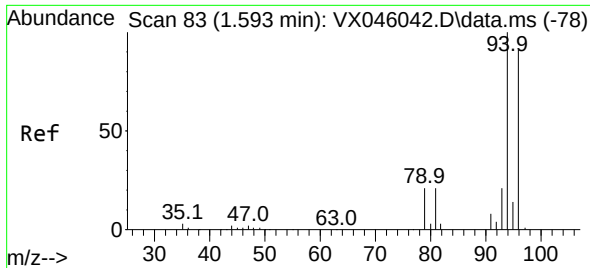
Tgt Ion: 50 Resp: 73284
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 52.290 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 62 Resp: 66063
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

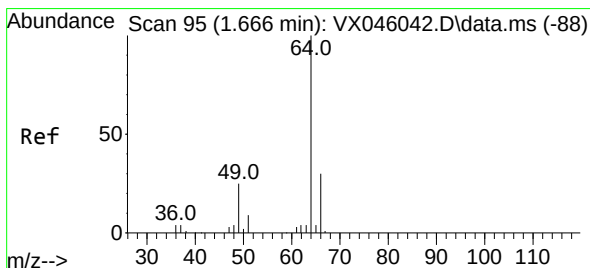
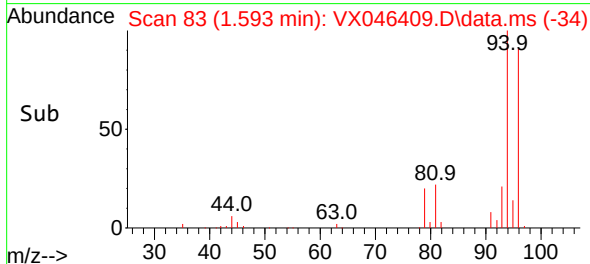
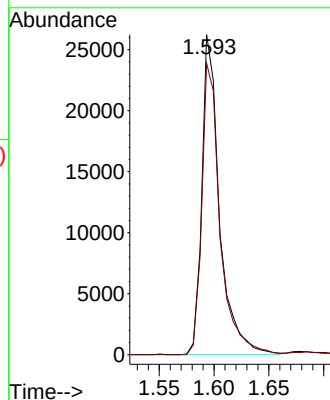
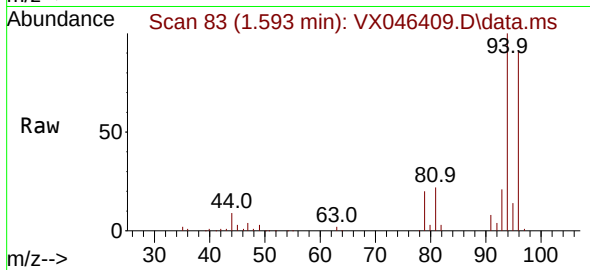




#5
Bromomethane
Concen: 50.227 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046409.D
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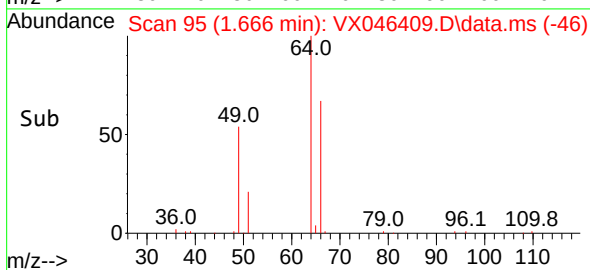
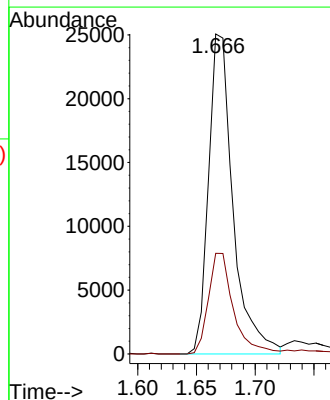
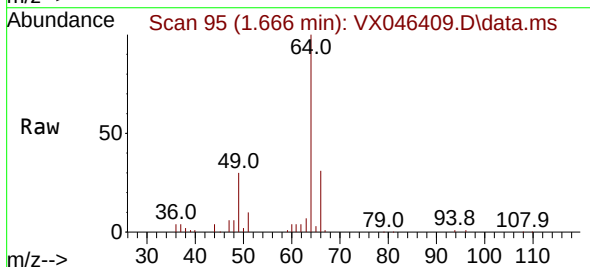
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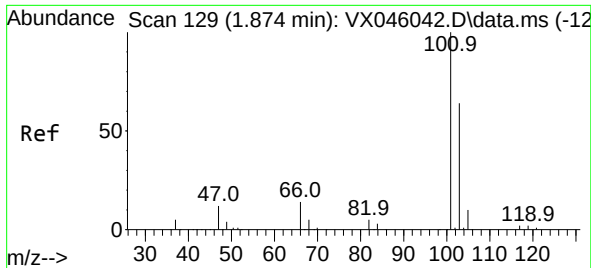
Tgt Ion: 94 Resp: 29432
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2



#6
Chloroethane
Concen: 53.955 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 64 Resp: 36390
Ion Ratio Lower Upper
64 100
66 31.4 24.3 36.5

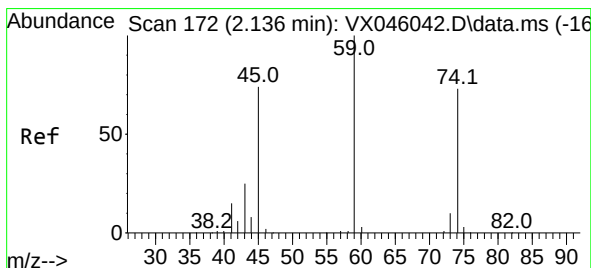
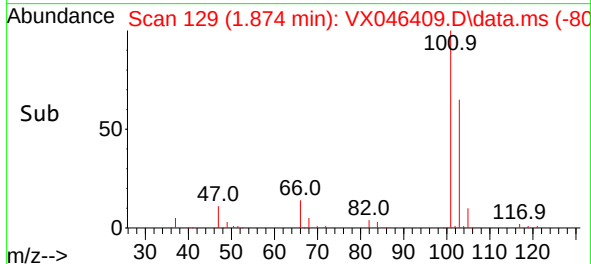
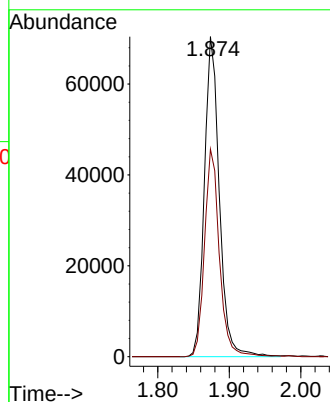
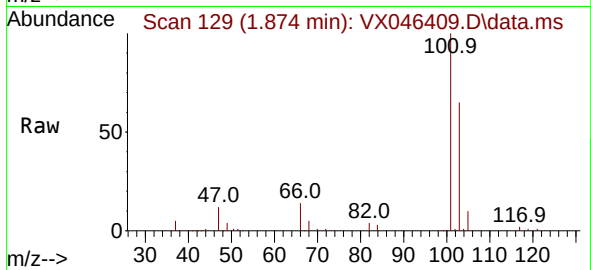




#7
Trichlorofluoromethane
Concen: 55.020 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
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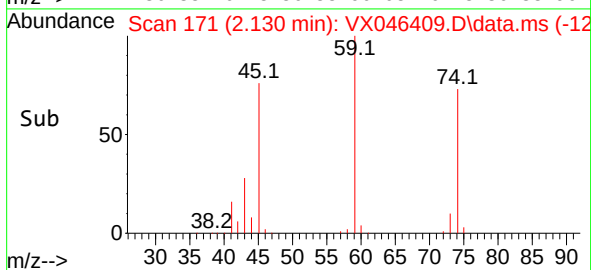
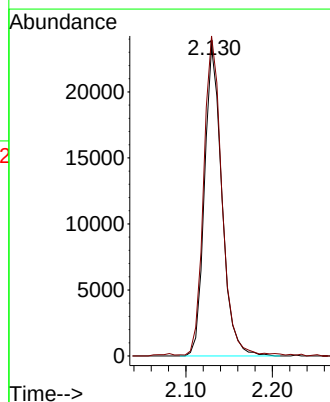
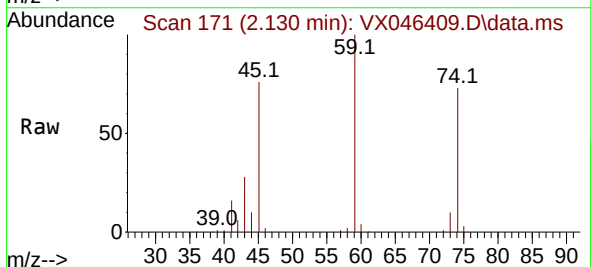
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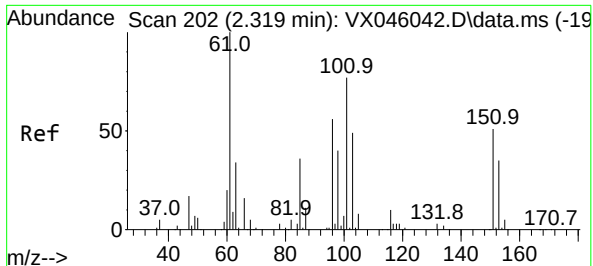
Tgt Ion:101 Resp: 102733
Ion Ratio Lower Upper
101 100
103 64.8 51.0 76.4



#8
Diethyl Ether
Concen: 51.685 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 74 Resp: 32852
Ion Ratio Lower Upper
74 100
45 106.7 54.9 164.8

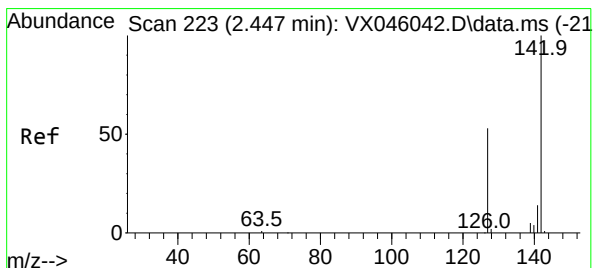
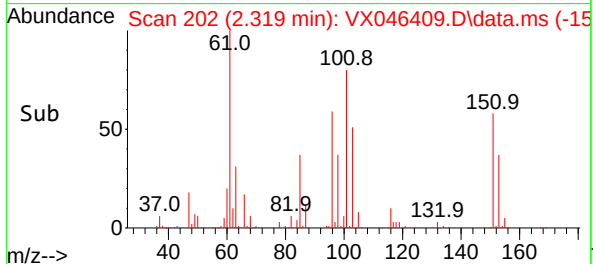
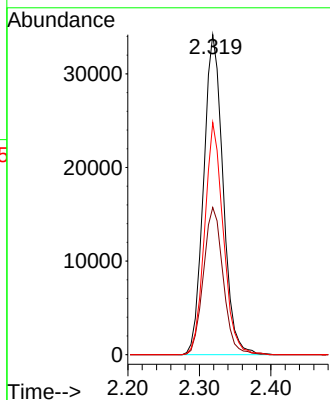
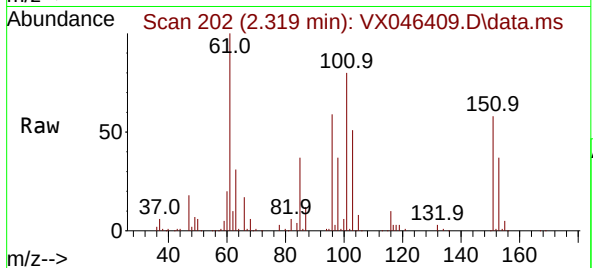




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.758 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
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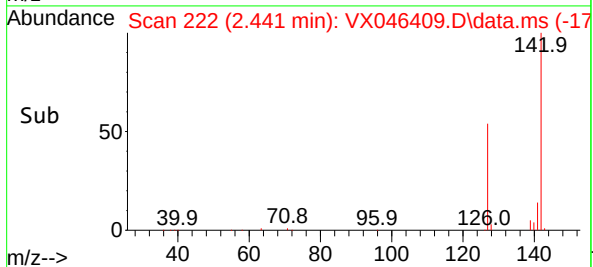
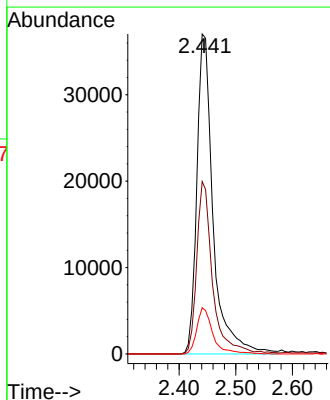
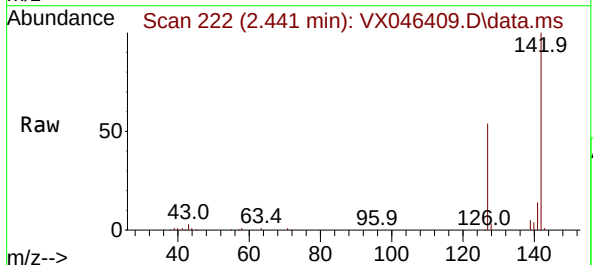
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 ClientSampleId :
 VSTDCCC050

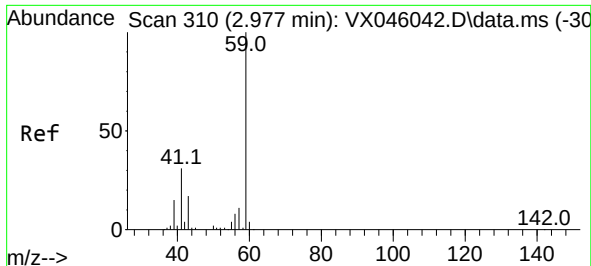
Tgt Ion:101 Resp: 64429
 Ion Ratio Lower Upper
 101 100
 85 46.6 38.6 58.0
 151 70.0 55.2 82.8



#10
 Methyl Iodide
 Concen: 54.083 ug/l
 RT: 2.441 min Scan# 222
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion:142 Resp: 73946
 Ion Ratio Lower Upper
 142 100
 127 52.4 41.7 62.5
 141 14.3 11.5 17.3

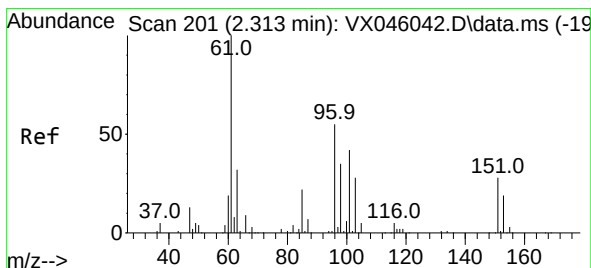
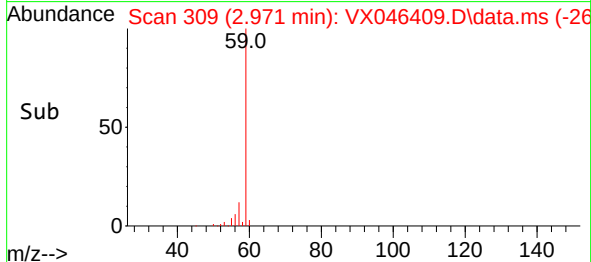
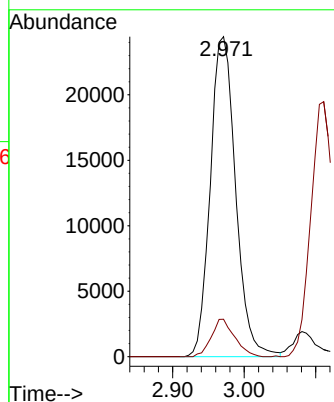
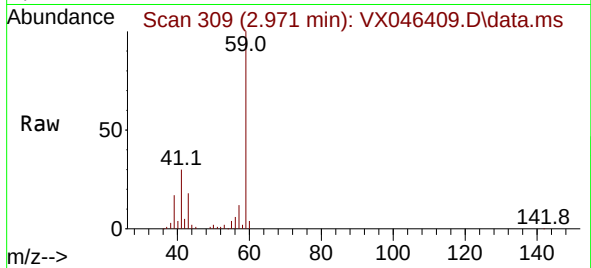




#11
Tert butyl alcohol
Concen: 251.596 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

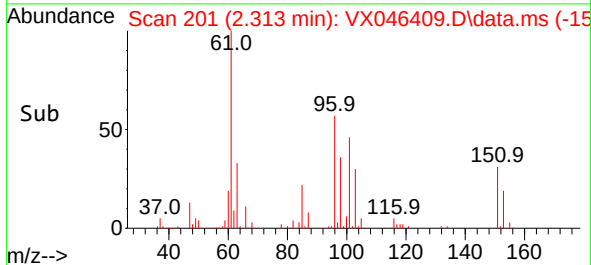
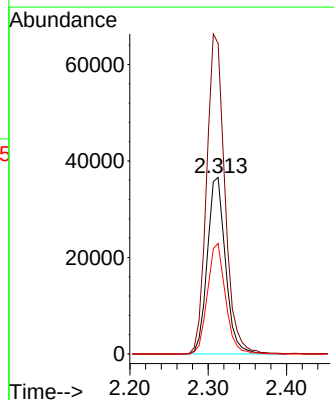
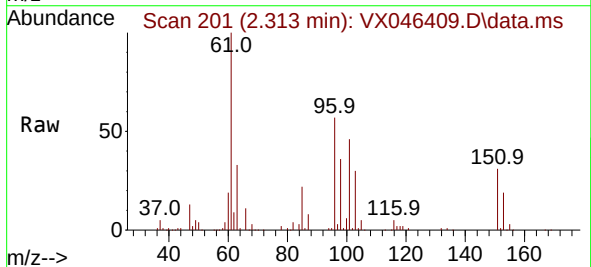
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

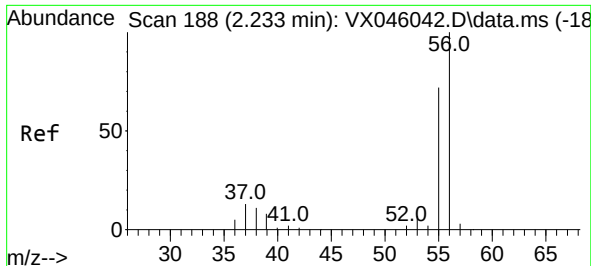
Tgt Ion: 59 Resp: 60217
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.349 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 96 Resp: 58940
Ion Ratio Lower Upper
96 100
61 176.0 146.2 219.2
98 62.7 51.0 76.6

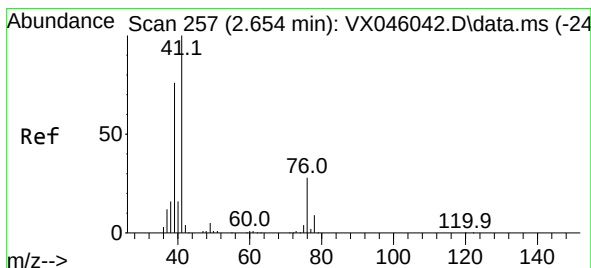
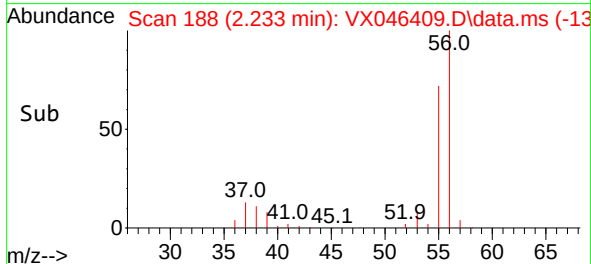
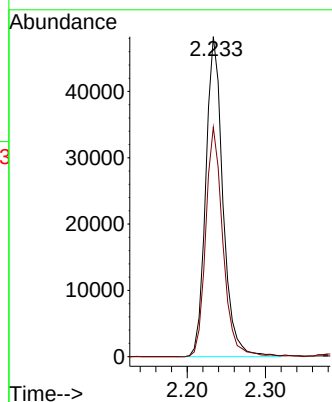
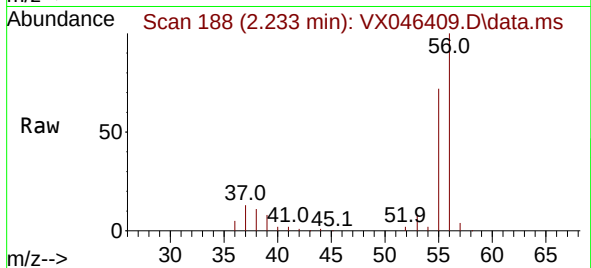




#13
Acrolein
Concen: 269.119 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

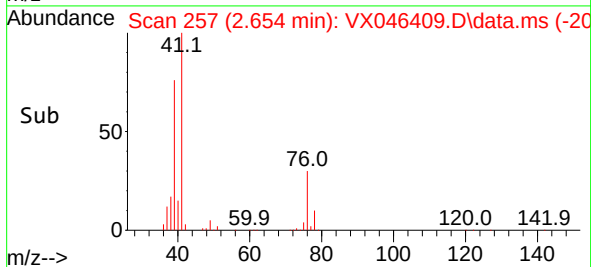
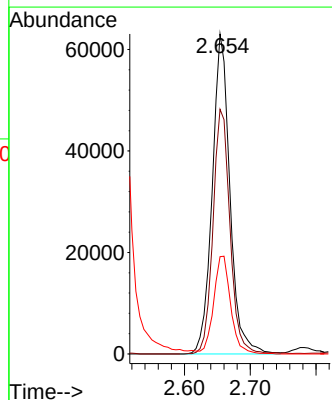
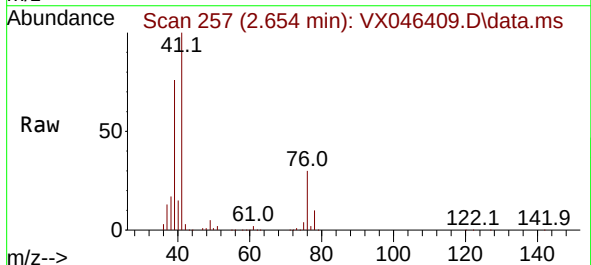
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

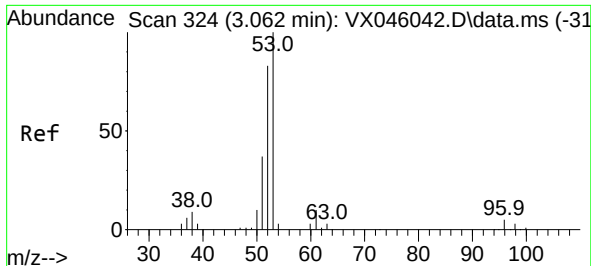
Tgt Ion: 56 Resp: 73354
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.4



#14
Allyl chloride
Concen: 57.140 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 118430
Ion Ratio Lower Upper
41 100
39 73.2 60.6 90.8
76 29.4 24.9 37.3

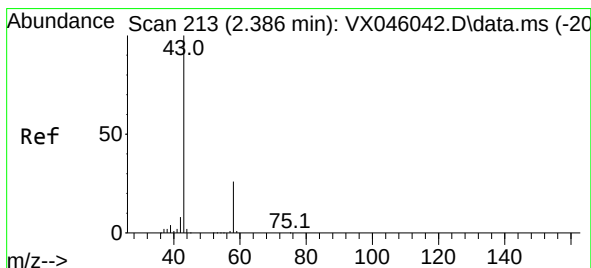
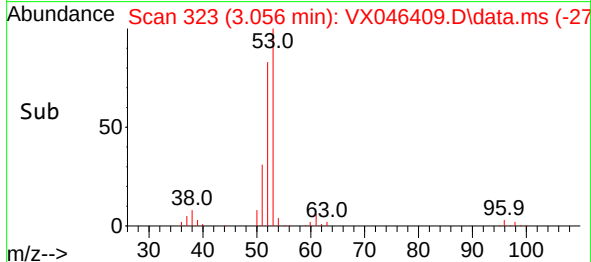
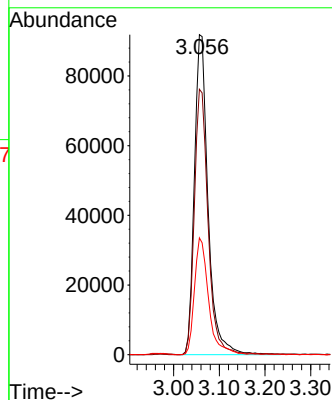
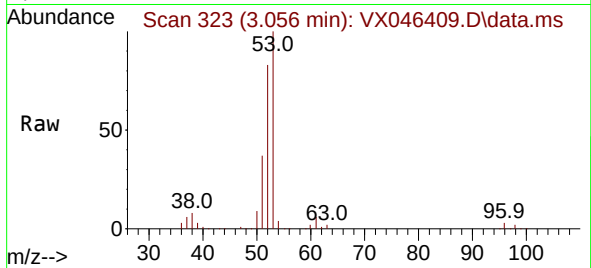




#15
Acrylonitrile
Concen: 279.087 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

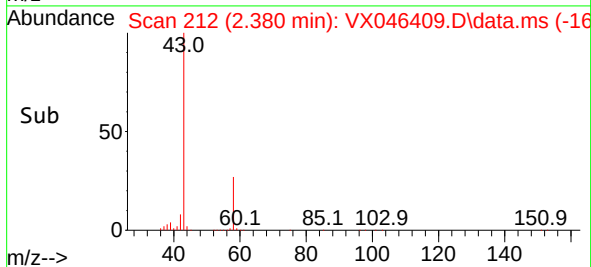
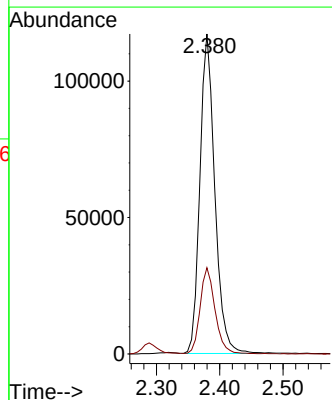
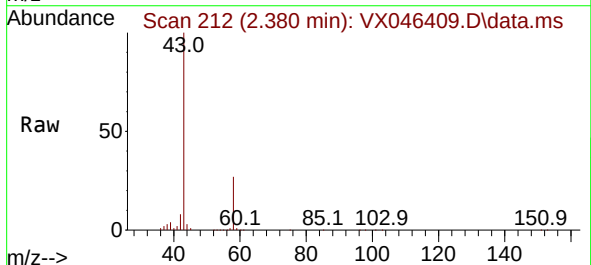
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

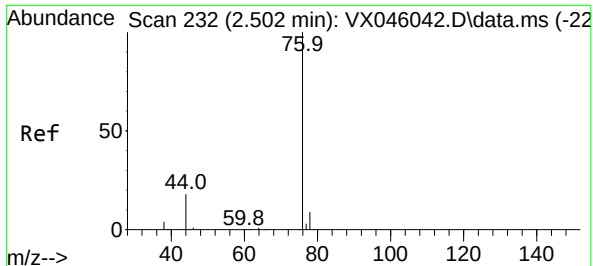
Tgt Ion: 53 Resp: 191001
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.7 29.8 44.8



#16
Acetone
Concen: 281.238 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 192269
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8

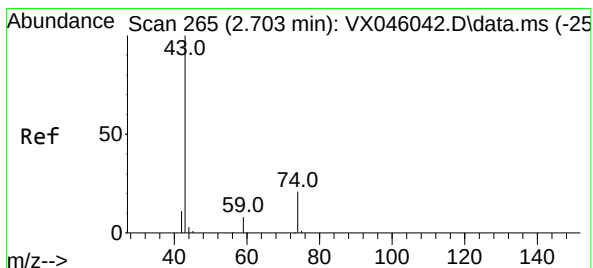
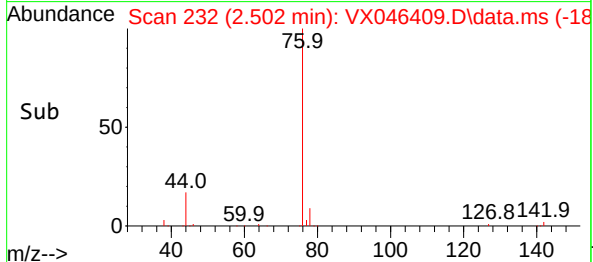
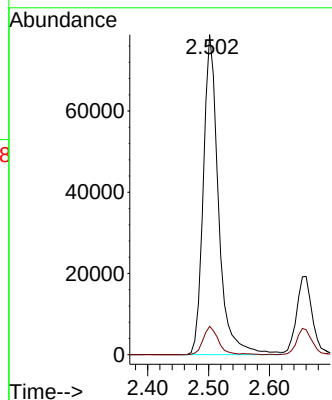
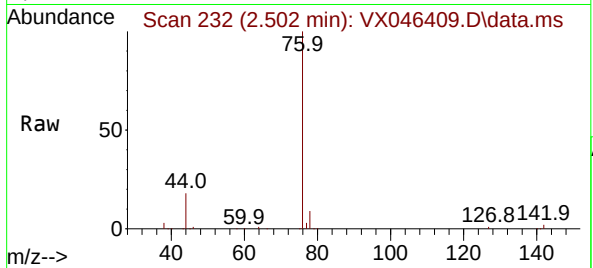




#17
Carbon Disulfide
Concen: 53.127 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

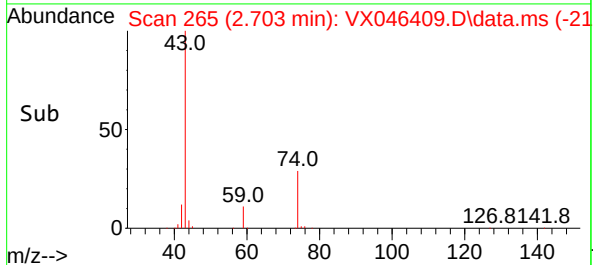
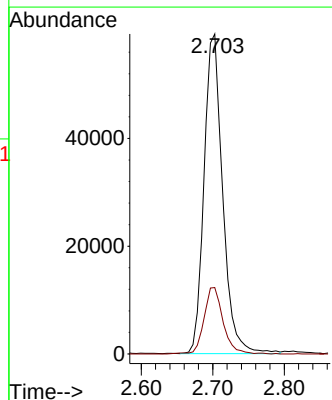
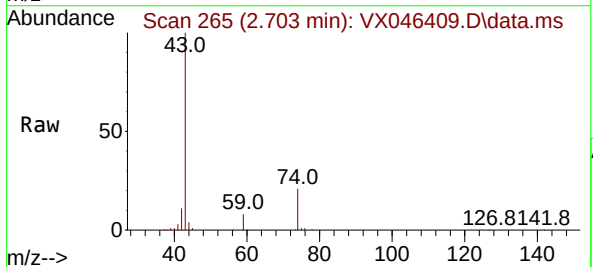
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

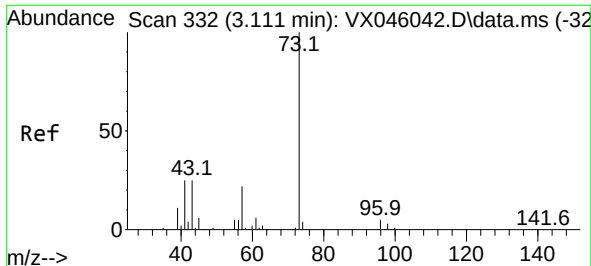
Tgt Ion: 76 Resp: 136592
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 67.621 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 107277
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

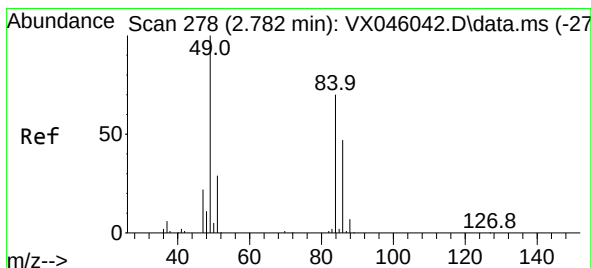
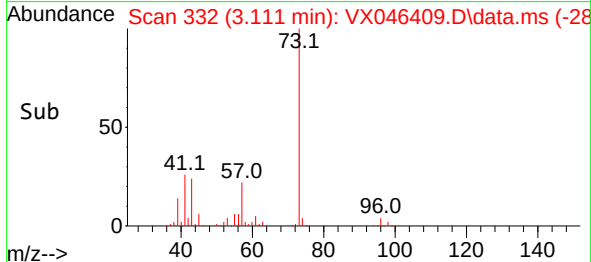
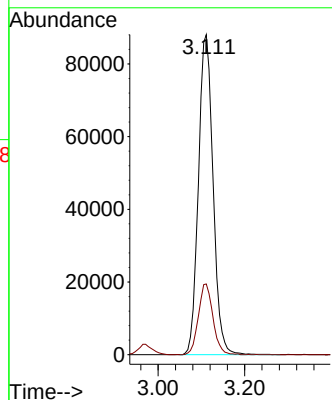
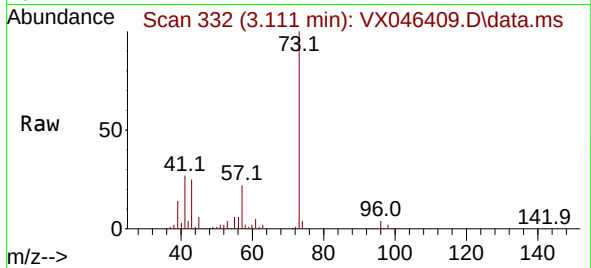




#19
Methyl tert-butyl Ether
Concen: 54.313 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

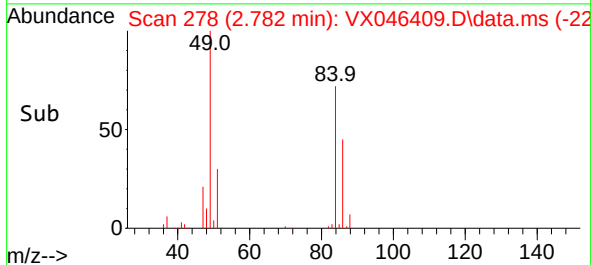
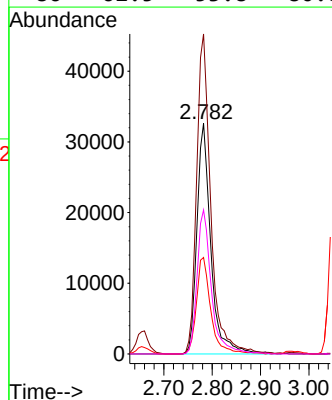
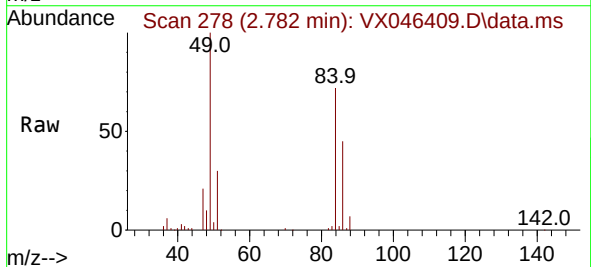
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

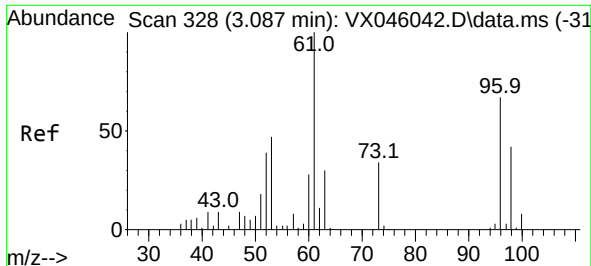
Tgt Ion: 73 Resp: 206503
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.822 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 84 Resp: 65272
Ion Ratio Lower Upper
84 100
49 138.8 113.9 170.9
51 41.9 33.5 50.3
86 62.5 53.8 80.8

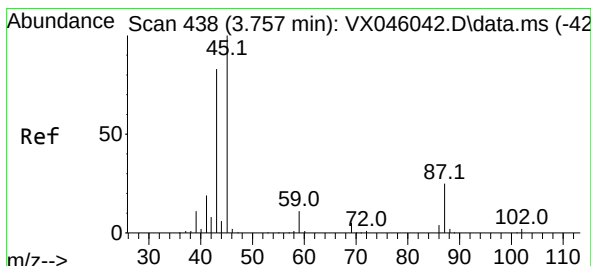
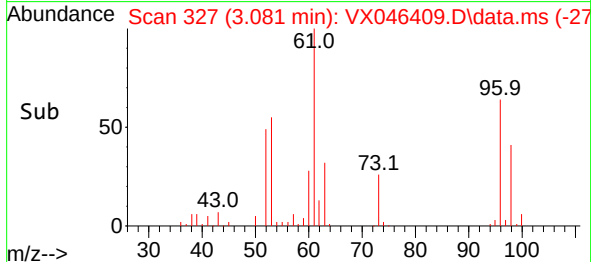
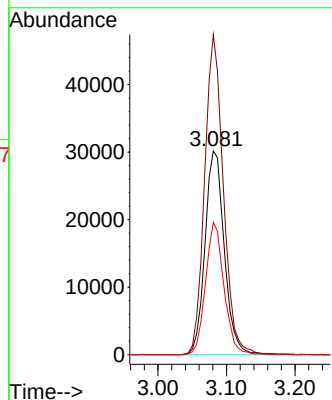
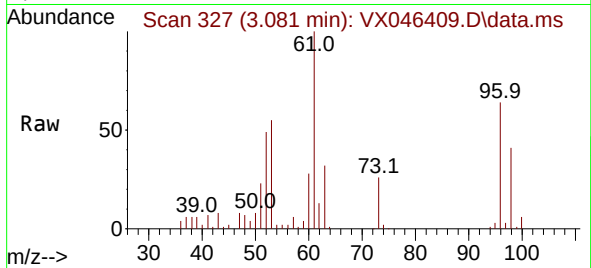




#21
trans-1,2-Dichloroethene
Concen: 54.176 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

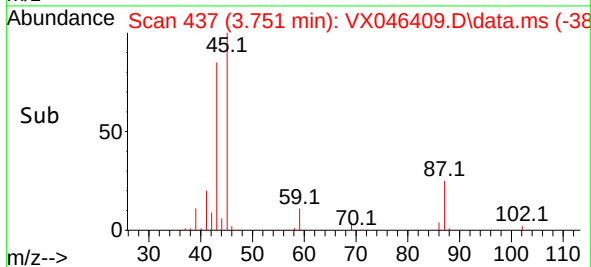
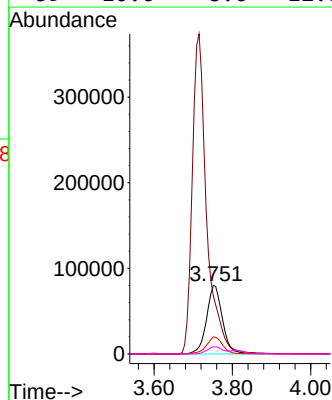
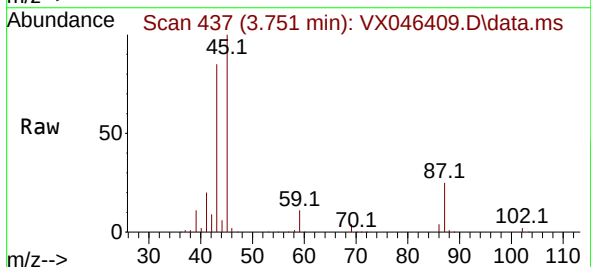
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

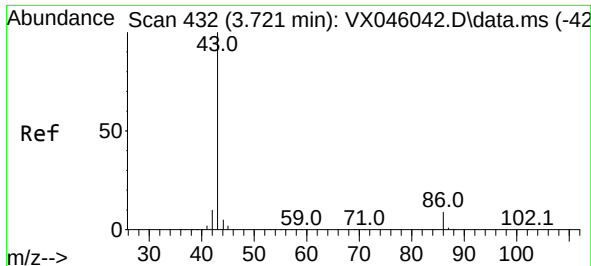
Tgt Ion: 96 Resp: 59084
Ion Ratio Lower Upper
96 100
61 157.0 119.5 179.3
98 65.0 50.0 75.0



#22
Diisopropyl ether
Concen: 56.192 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 45 Resp: 224967
Ion Ratio Lower Upper
45 100
43 84.8 66.6 100.0
87 24.9 19.8 29.6
59 10.6 8.6 12.8

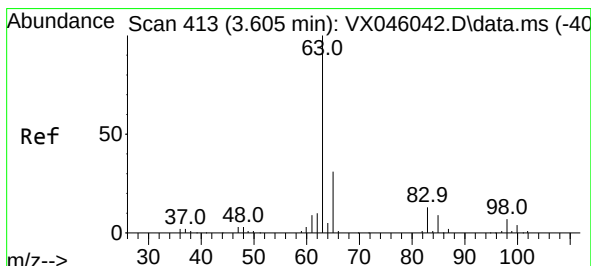
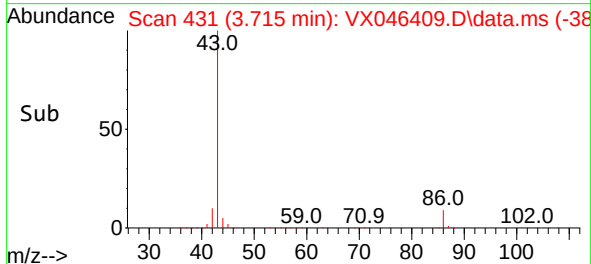
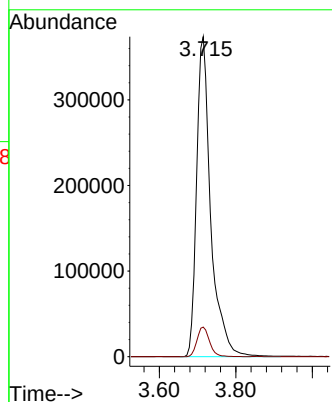
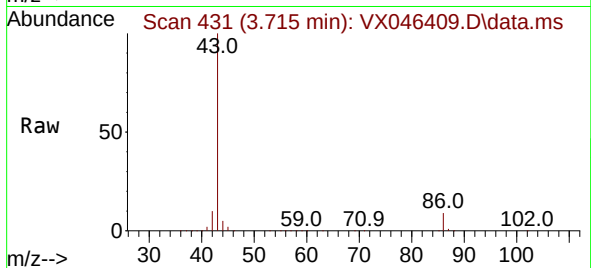




#23
 Vinyl Acetate
 Concen: 272.572 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

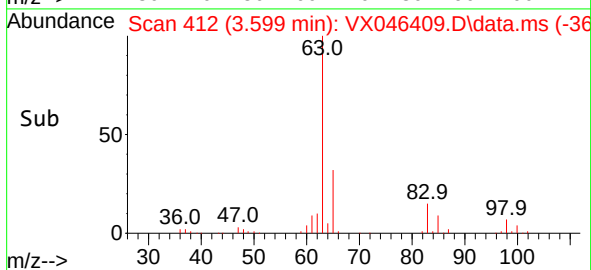
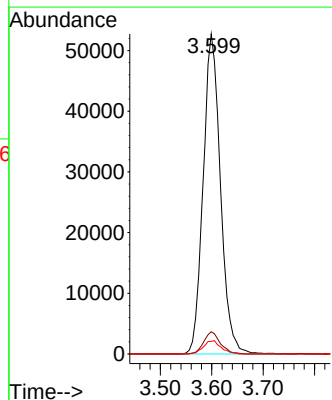
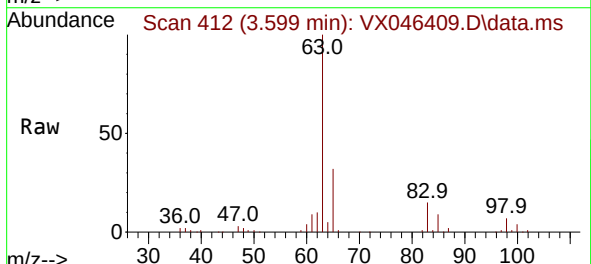
Instrument :
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 ClientSampleId :
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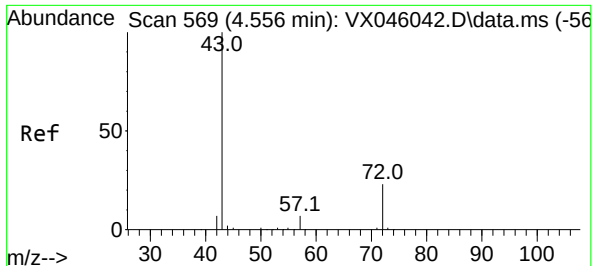
Tgt Ion: 43 Resp: 959795
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 55.257 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion: 63 Resp: 123217
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 276.566 ug/l

RT: 4.544 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

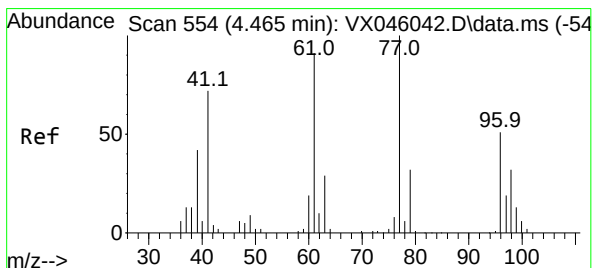
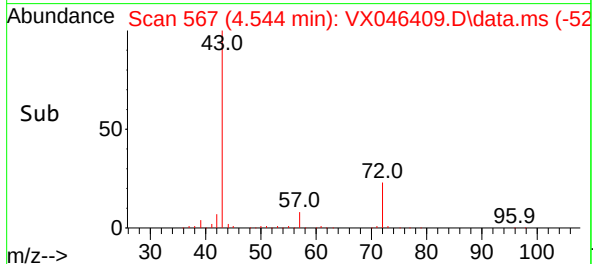
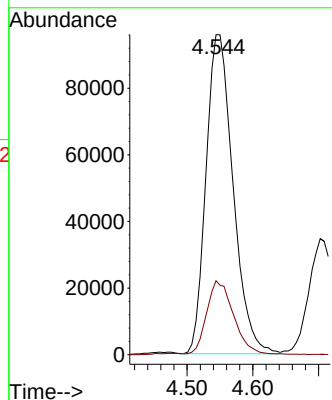
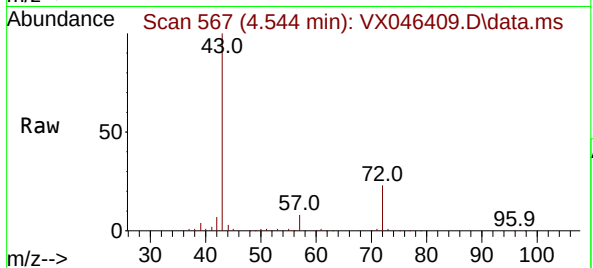
VSTDCCC050

Tgt Ion: 43 Resp: 274497

Ion Ratio Lower Upper

43 100

72 22.9 18.4 27.6



#26

2,2-Dichloropropane

Concen: 54.540 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX046409.D

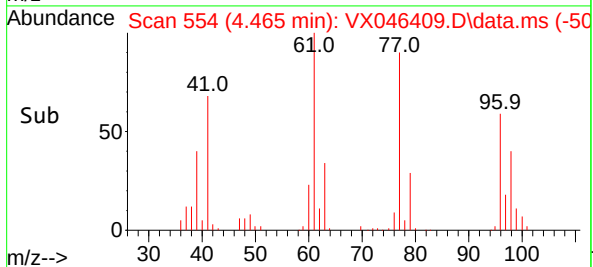
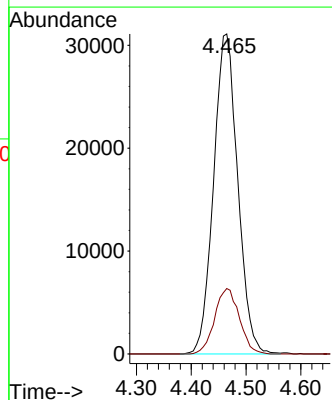
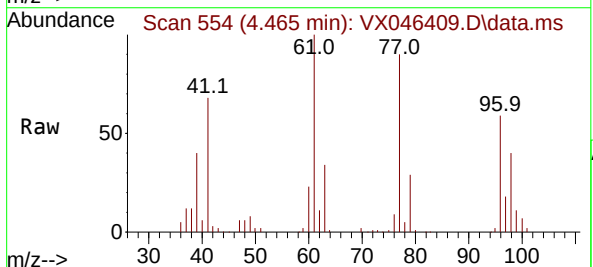
Acq: 30 May 2025 10:14

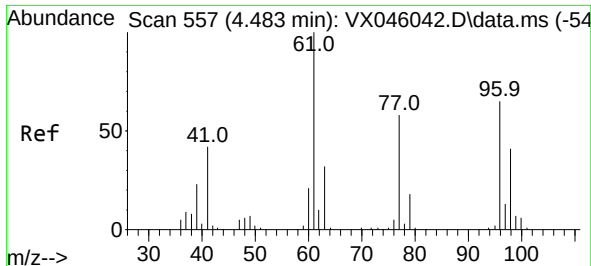
Tgt Ion: 77 Resp: 95191

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 54.202 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

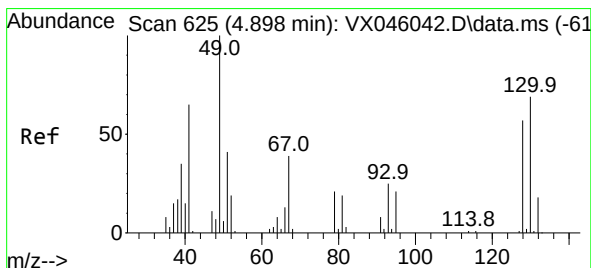
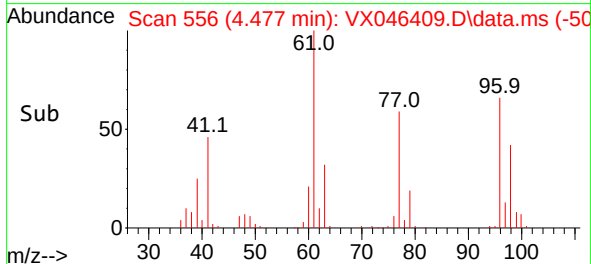
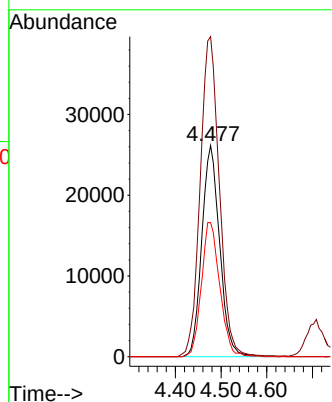
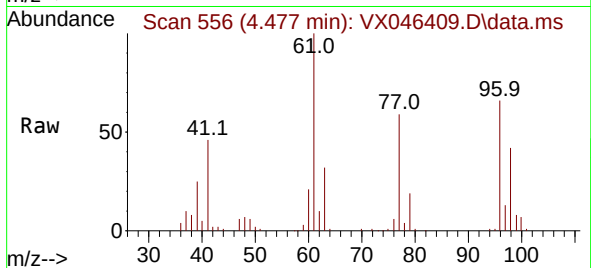
Tgt Ion: 96 Resp: 71161

Ion Ratio Lower Upper

96 100

61 162.5 0.0 322.8

98 65.2 0.0 129.0



#28

Bromochloromethane

Concen: 50.407 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

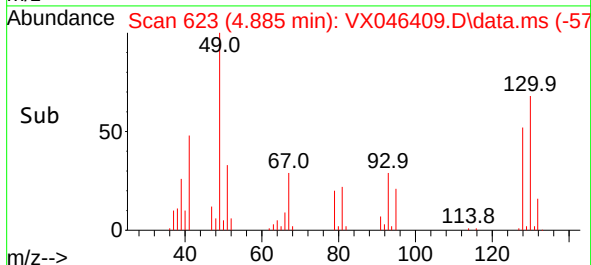
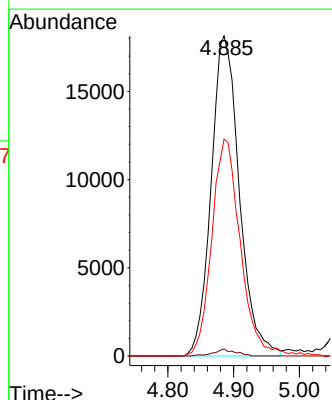
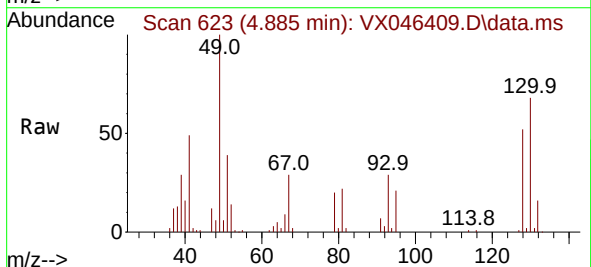
Tgt Ion: 49 Resp: 54104

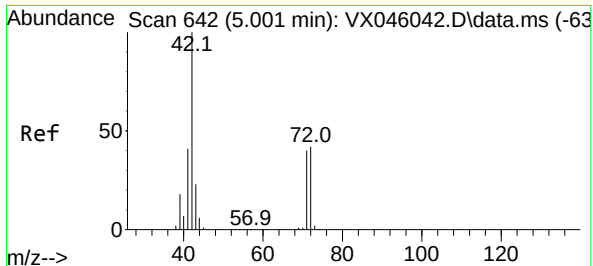
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 68.9 56.2 84.2





#29

Tetrahydrofuran

Concen: 273.726 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

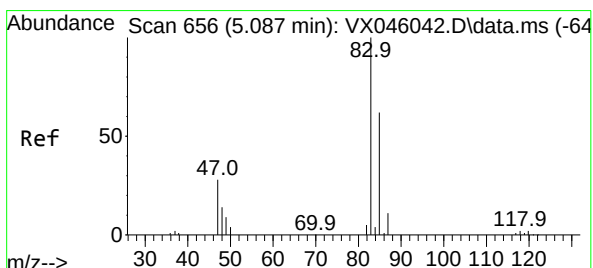
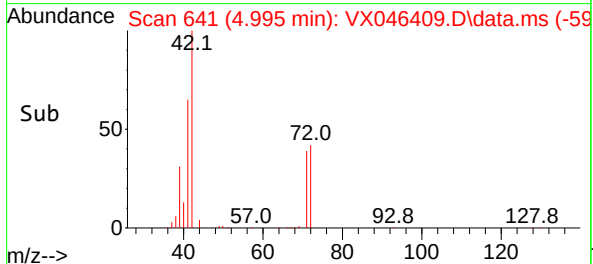
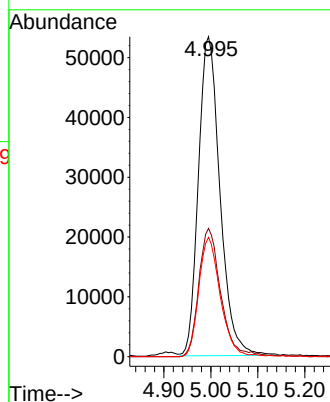
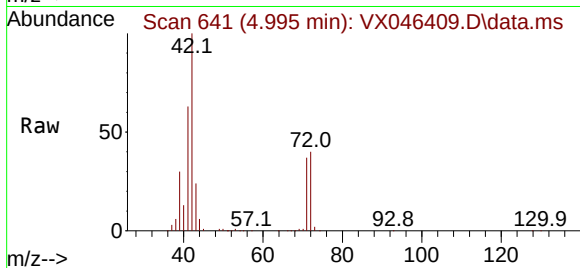
Tgt Ion: 42 Resp: 170240

Ion Ratio Lower Upper

42 100

72 41.2 33.7 50.5

71 37.2 31.4 47.2



#30

Chloroform

Concen: 54.560 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX046409.D

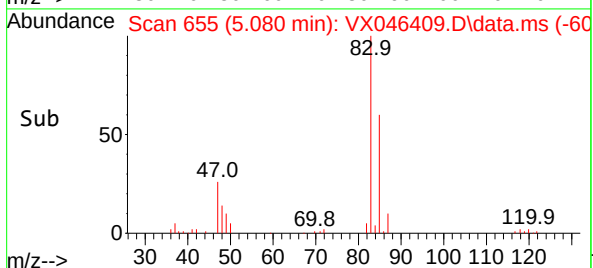
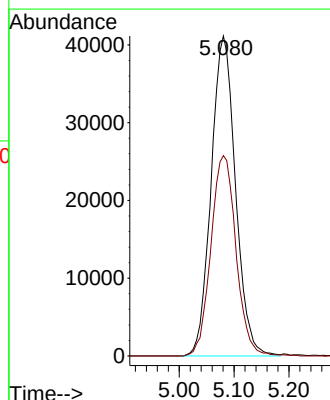
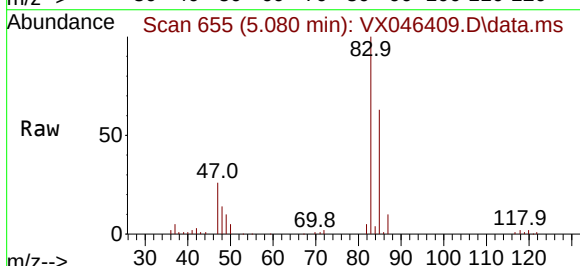
Acq: 30 May 2025 10:14

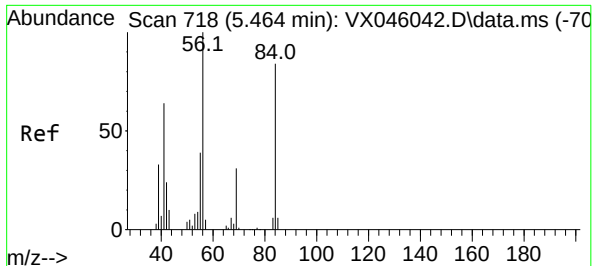
Tgt Ion: 83 Resp: 126809

Ion Ratio Lower Upper

83 100

85 62.6 49.3 73.9

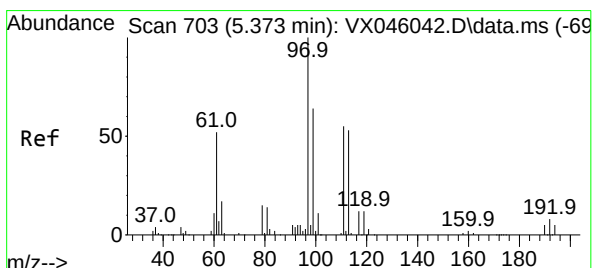
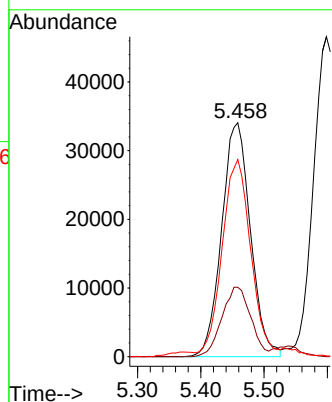
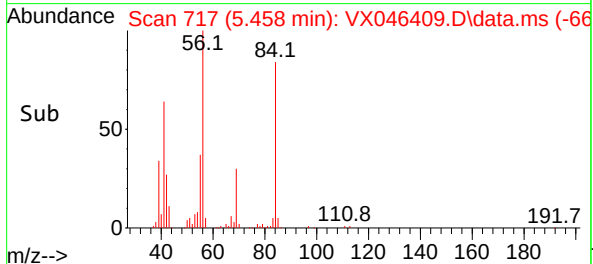
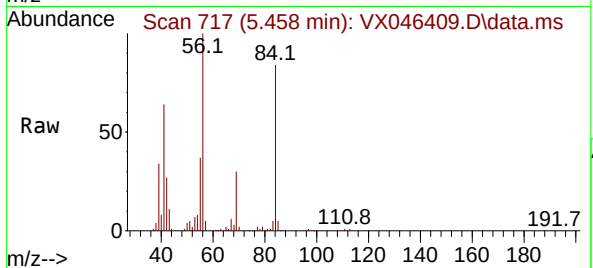




#31
Cyclohexane
Concen: 52.962 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

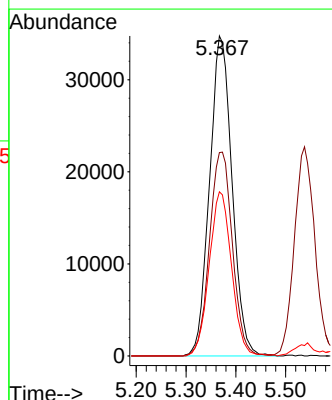
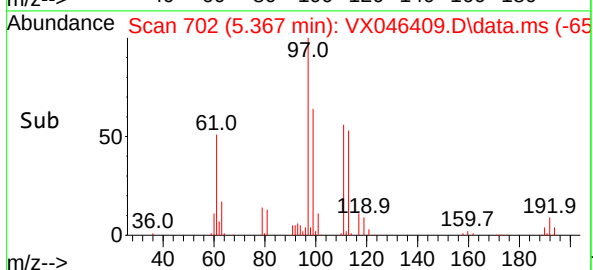
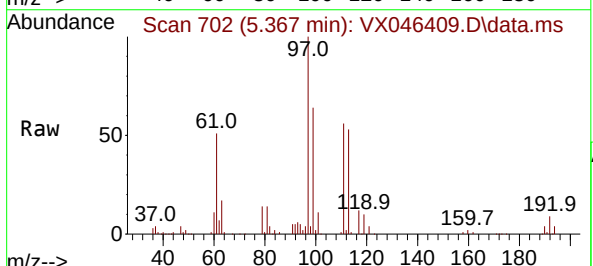
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

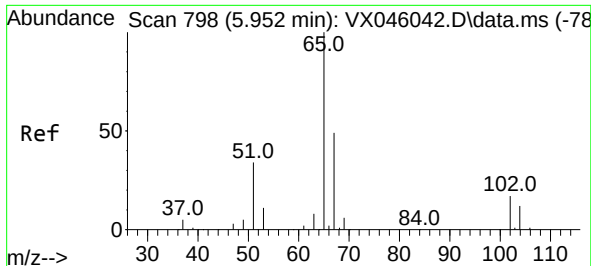
Tgt Ion: 56 Resp: 107618
Ion Ratio Lower Upper
56 100
69 29.7 24.4 36.6
84 82.3 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 54.032 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 97 Resp: 108862
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 51.1 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 49.342 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

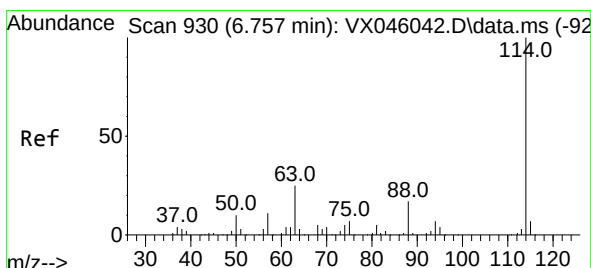
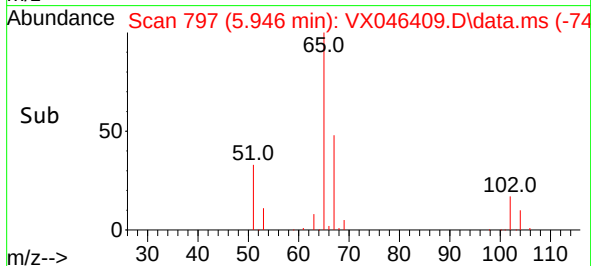
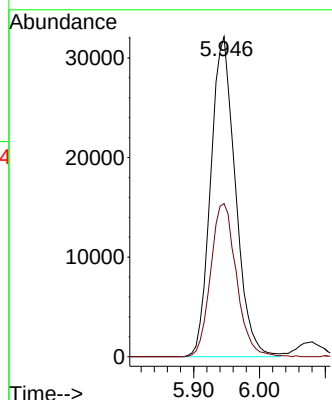
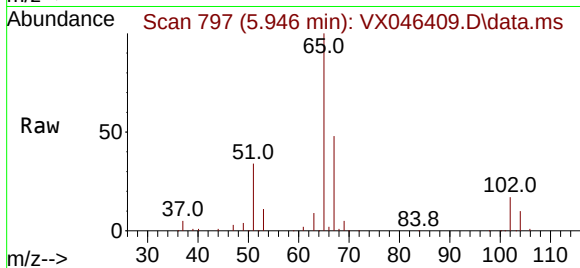
VSTDCCC050

Tgt Ion: 65 Resp: 84132

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

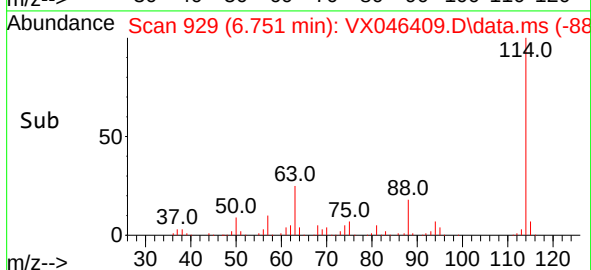
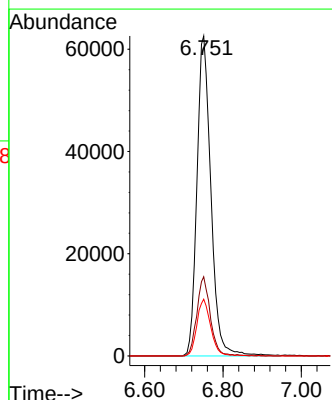
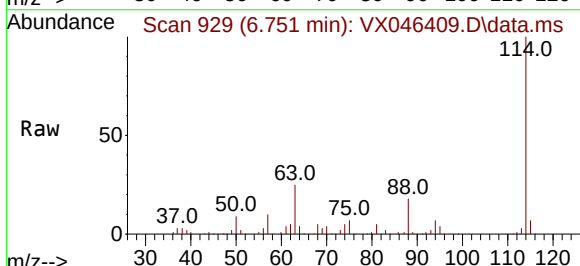
Tgt Ion: 114 Resp: 155659

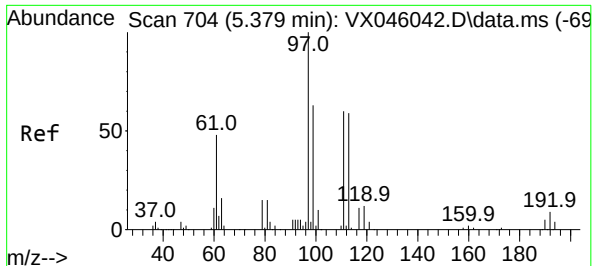
Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

88 17.7 0.0 33.6

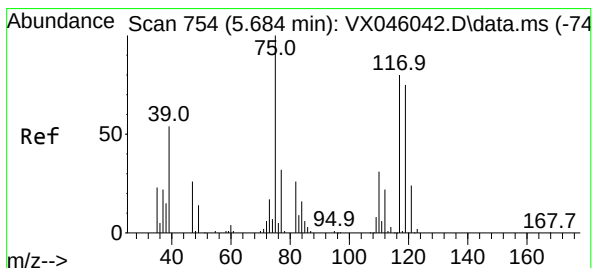
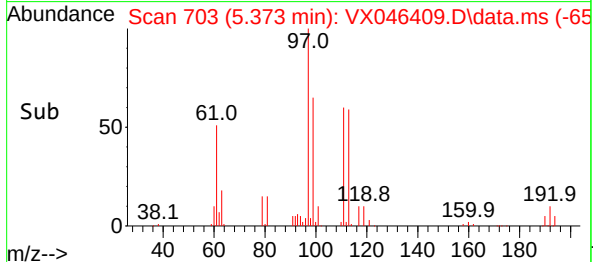
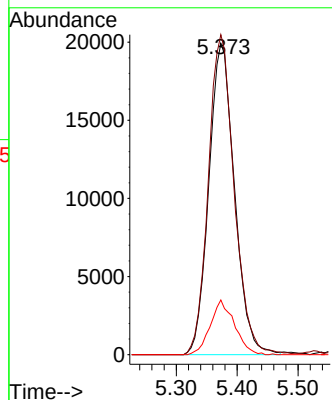
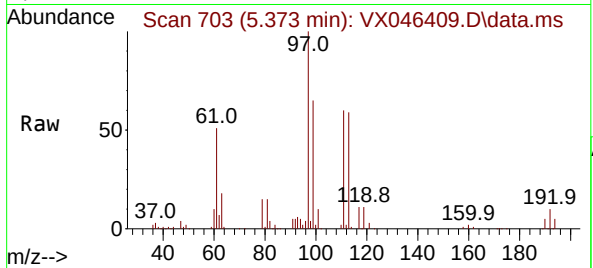




#35
Dibromofluoromethane
Concen: 52.055 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

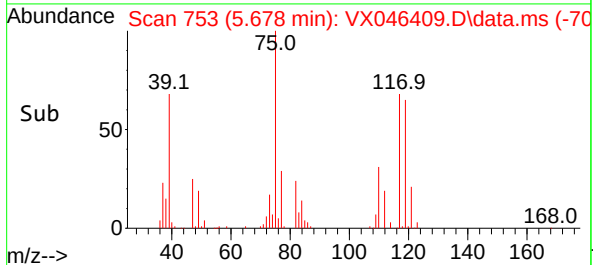
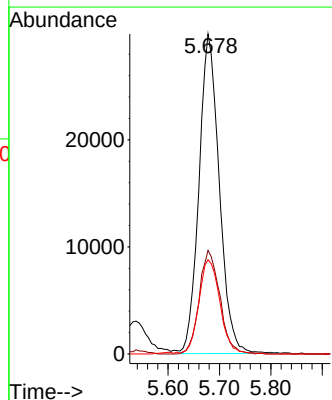
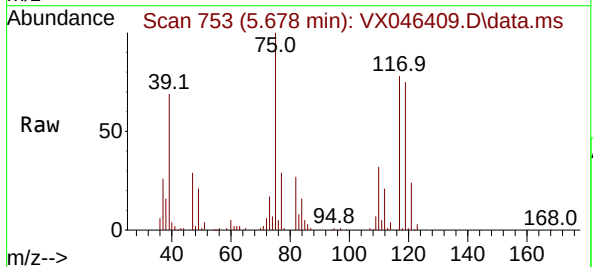
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

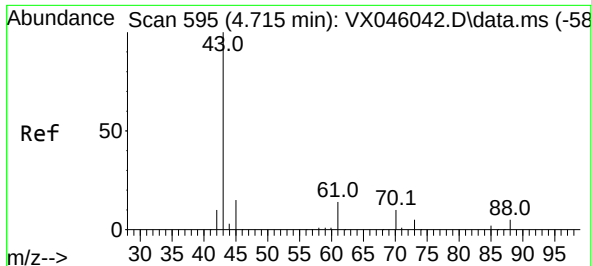
Tgt Ion:113 Resp: 58349
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 54.361 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 81871
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 54.982 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

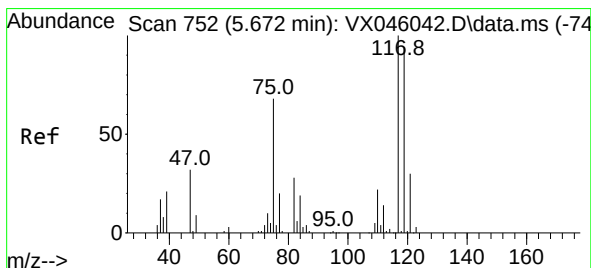
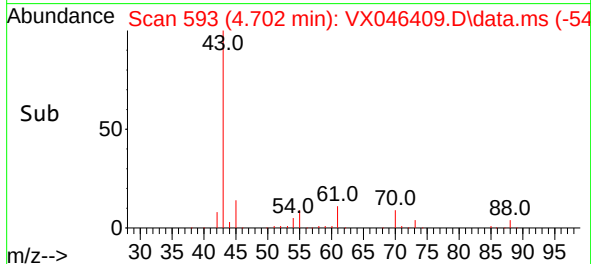
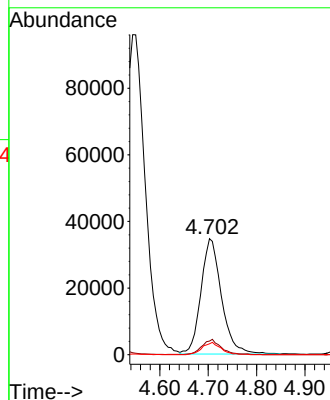
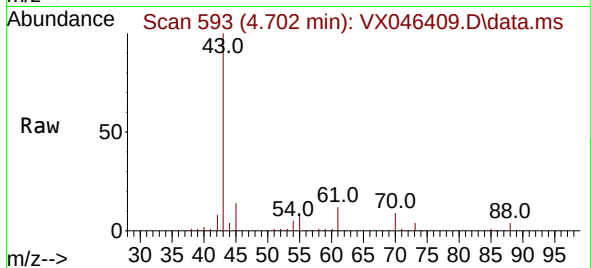
Tgt Ion: 43 Resp: 102307

Ion Ratio Lower Upper

43 100

61 12.4 10.3 15.5

70 9.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 54.528 ug/l

RT: 5.666 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

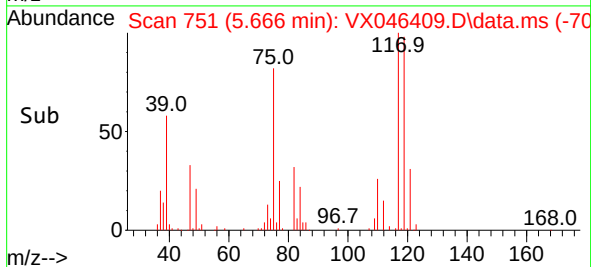
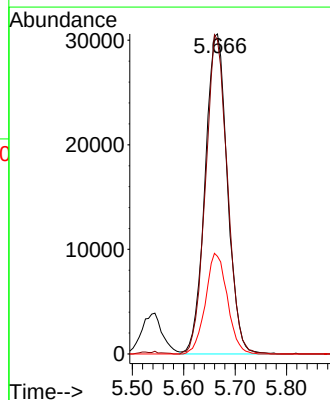
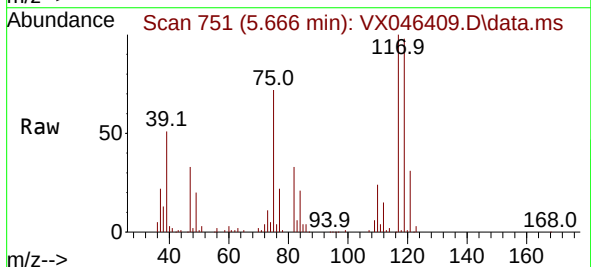
Tgt Ion: 117 Resp: 92271

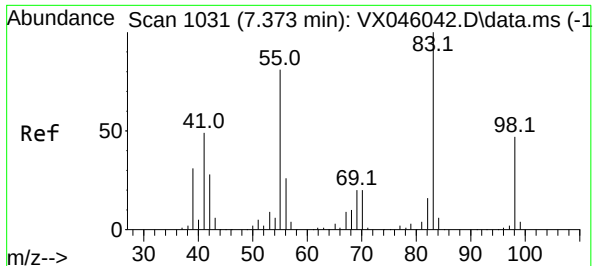
Ion Ratio Lower Upper

117 100

119 98.1 75.2 112.8

121 30.5 24.2 36.4





#39

Methylcyclohexane

Concen: 54.488 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

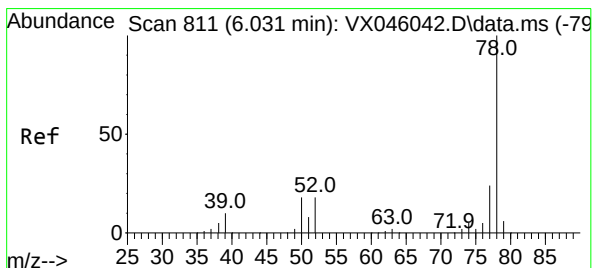
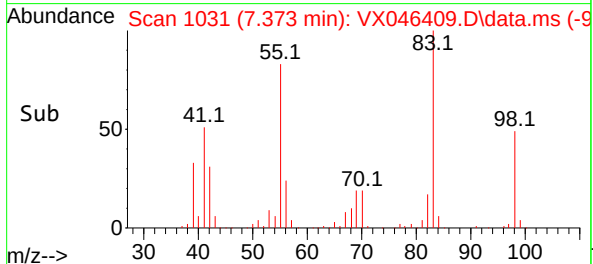
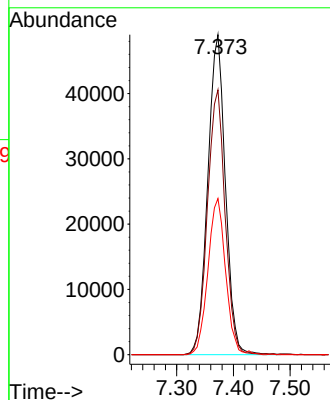
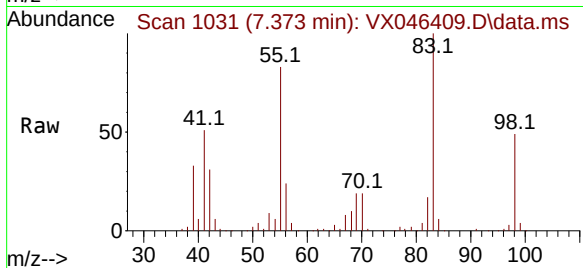
Tgt Ion: 83 Resp: 105648

Ion Ratio Lower Upper

83 100

55 82.8 64.7 97.1

98 48.8 37.4 56.2



#40

Benzene

Concen: 54.919 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX046409.D

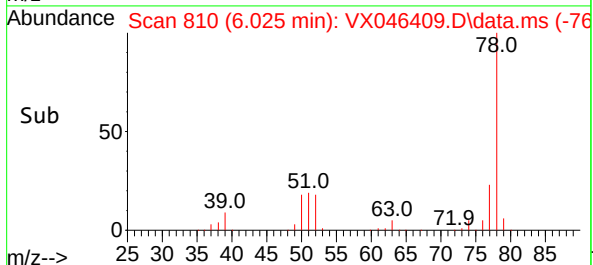
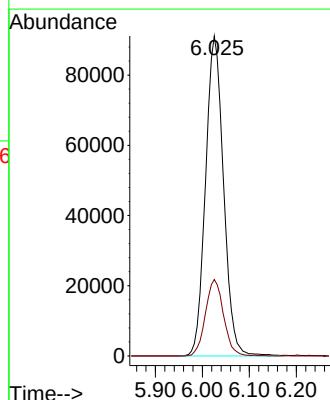
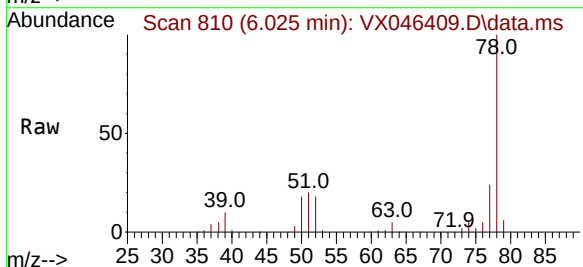
Acq: 30 May 2025 10:14

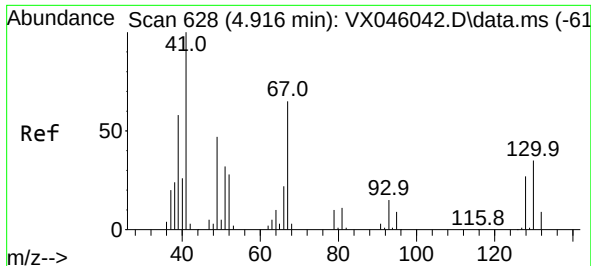
Tgt Ion: 78 Resp: 242267

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

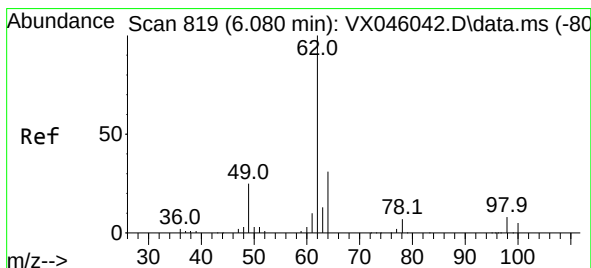
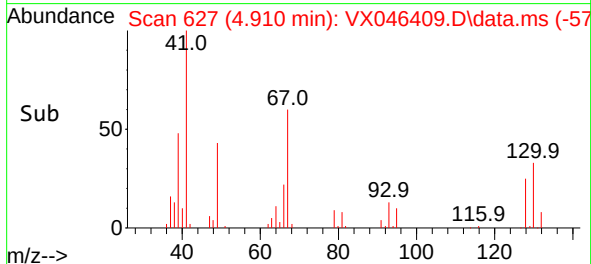
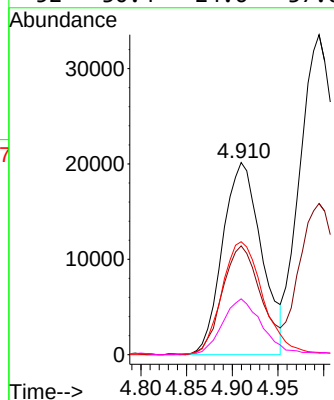
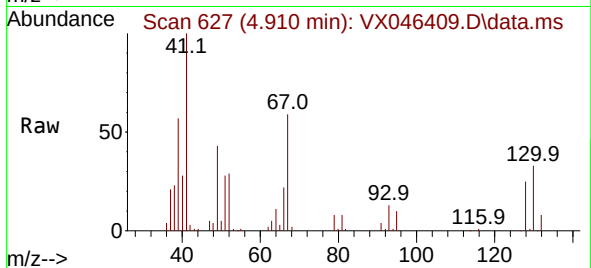




#41
Methacrylonitrile
Concen: 61.507 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

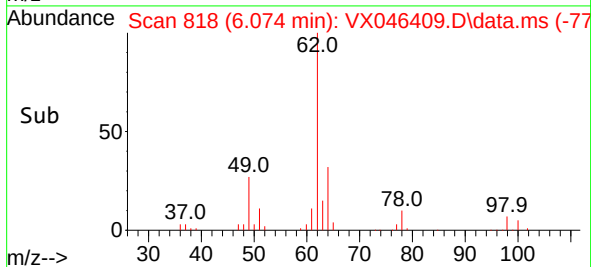
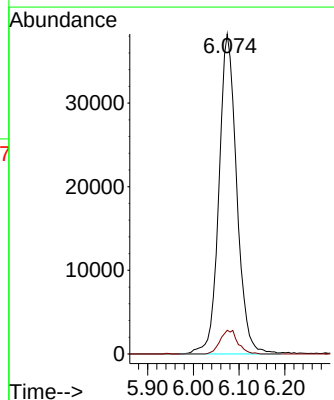
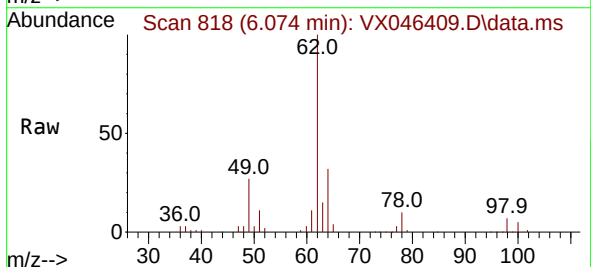
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

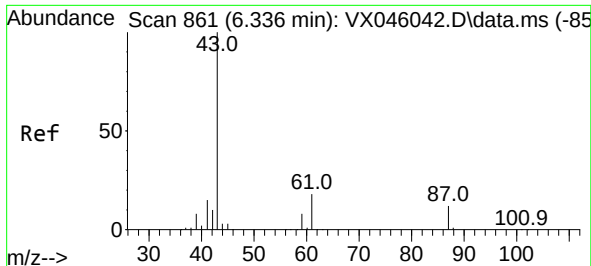
Tgt Ion:	41	Resp:	59869
Ion	Ratio	Lower	Upper
41	100		
39	56.4	47.2	70.8
67	62.3	50.7	76.1
52	30.4	24.6	37.0



#42
1,2-Dichloroethane
Concen: 54.429 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:	62	Resp:	103627
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2

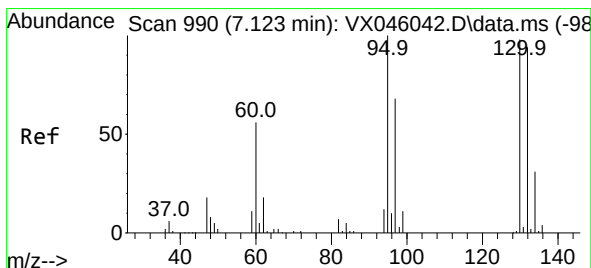
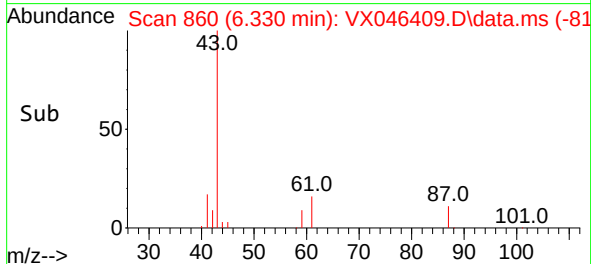
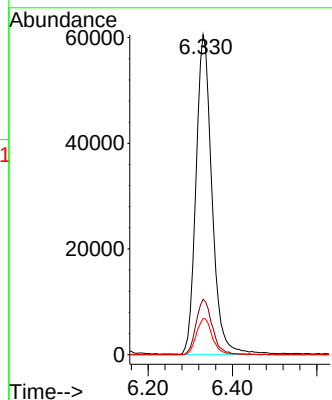
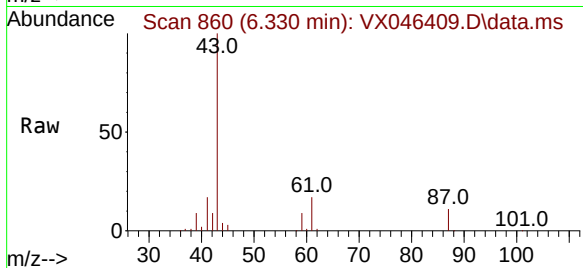




#43
Isopropyl Acetate
Concen: 56.197 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

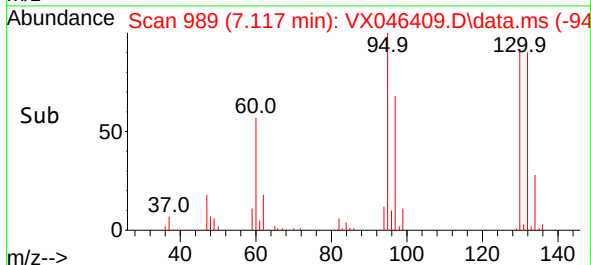
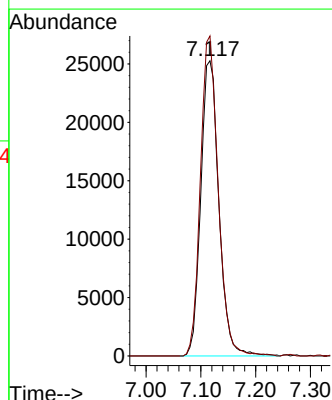
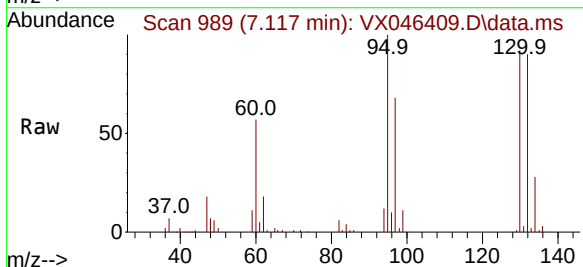
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

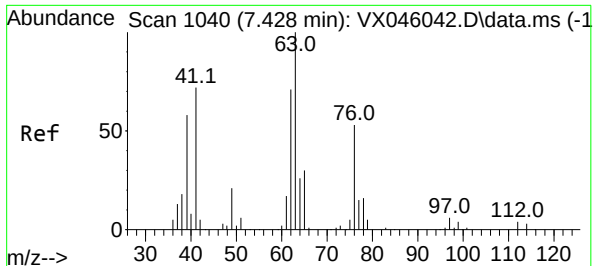
Tgt Ion: 43 Resp: 159524
Ion Ratio Lower Upper
43 100
61 17.4 14.3 21.5
87 11.3 9.5 14.3



#44
Trichloroethene
Concen: 54.691 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:130 Resp: 58068
Ion Ratio Lower Upper
130 100
95 108.4 0.0 204.2

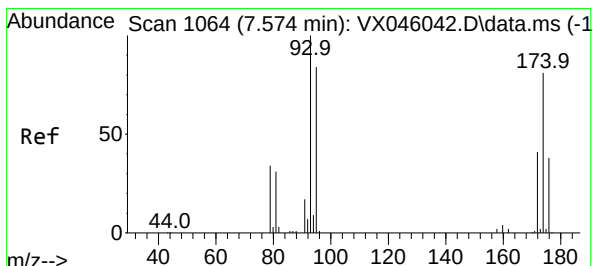
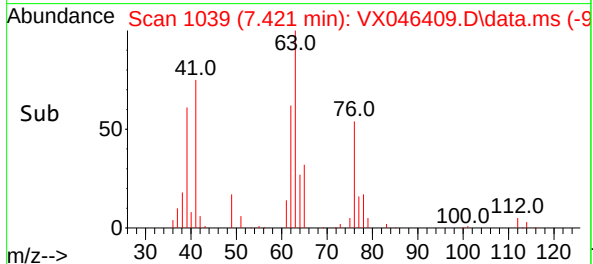
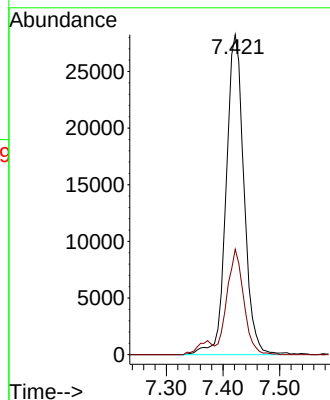
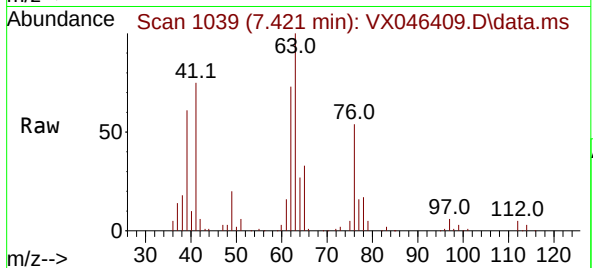




#45
1,2-Dichloropropane
Concen: 56.068 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

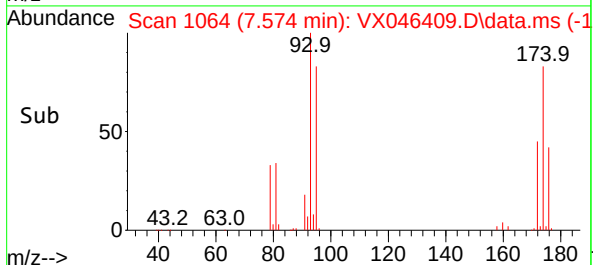
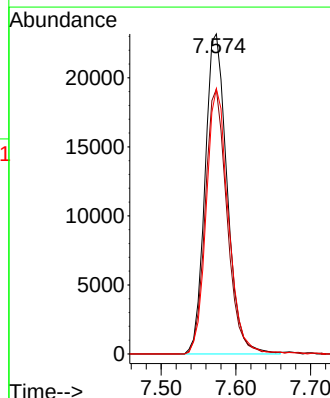
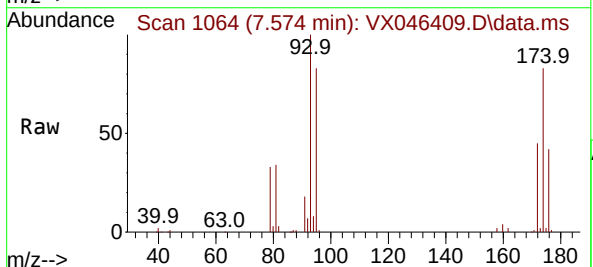
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

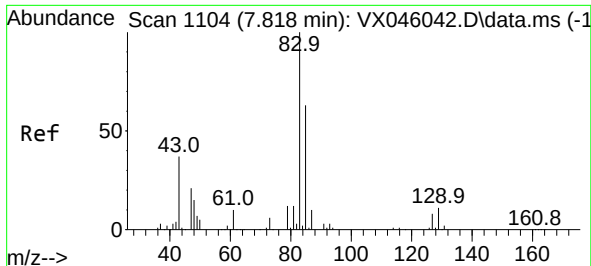
Tgt Ion: 63 Resp: 61502
Ion Ratio Lower Upper
63 100
65 33.0 24.1 36.1



#46
Dibromomethane
Concen: 54.974 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 93 Resp: 47561
Ion Ratio Lower Upper
93 100
95 81.8 65.6 98.4
174 83.1 68.2 102.2

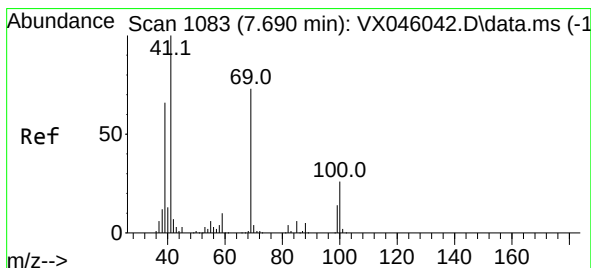
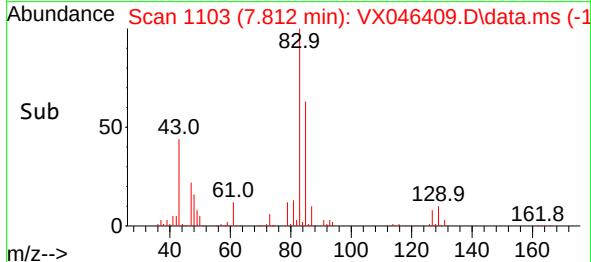
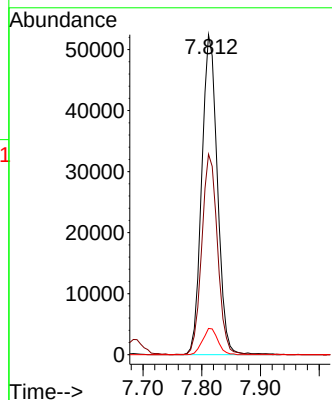
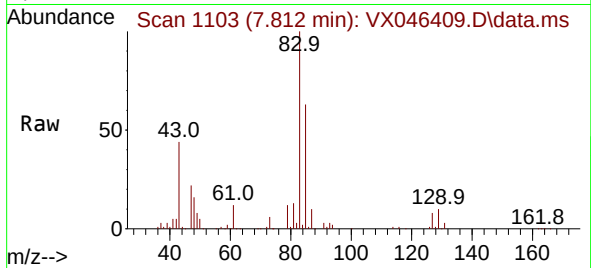




#47
Bromodichloromethane
Concen: 56.841 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

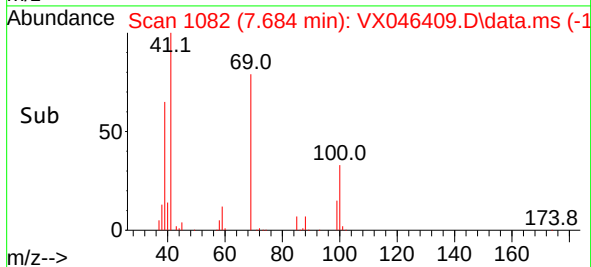
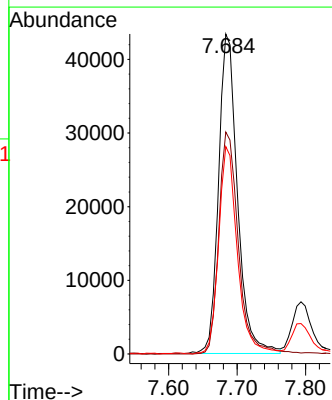
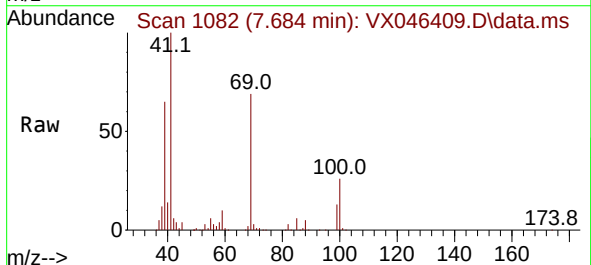
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

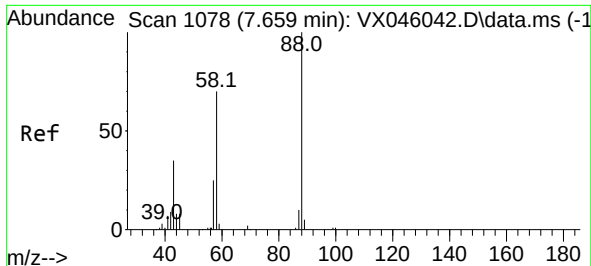
Tgt Ion: 83 Resp: 96856
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 8.2 6.5 9.7



#48
Methyl methacrylate
Concen: 57.410 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 41 Resp: 83228
Ion Ratio Lower Upper
41 100
69 71.8 58.5 87.7
39 64.3 51.7 77.5





#49

1,4-Dioxane

Concen: 1035.118 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

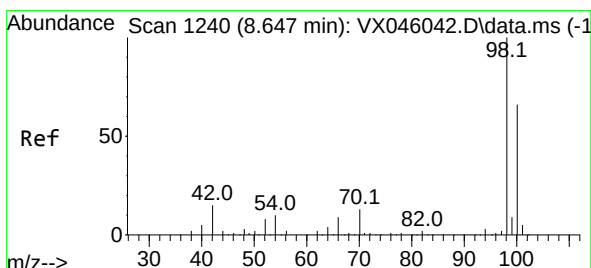
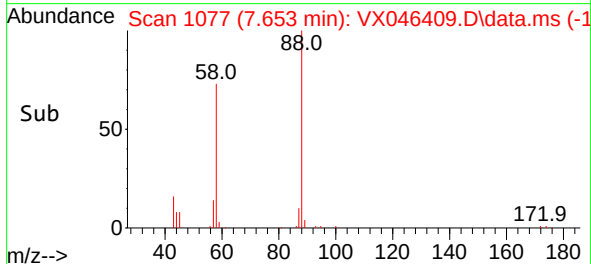
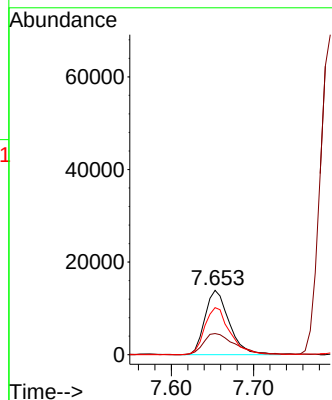
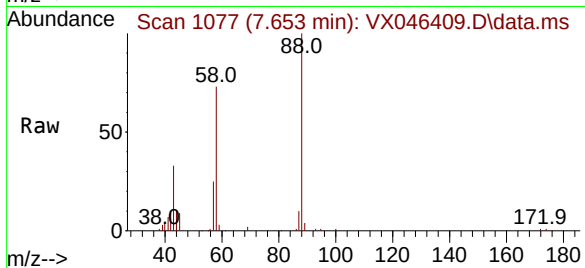
Tgt Ion: 88 Resp: 28493

Ion Ratio Lower Upper

88 100

43 43.2 33.4 50.2

58 75.9 58.6 88.0



#50

Toluene-d8

Concen: 49.472 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VX046409.D

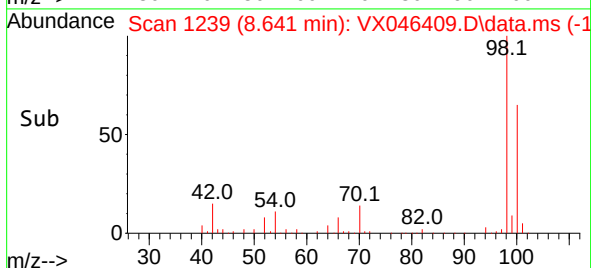
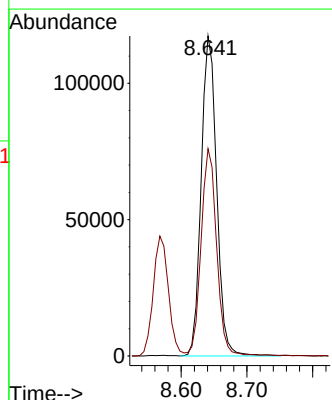
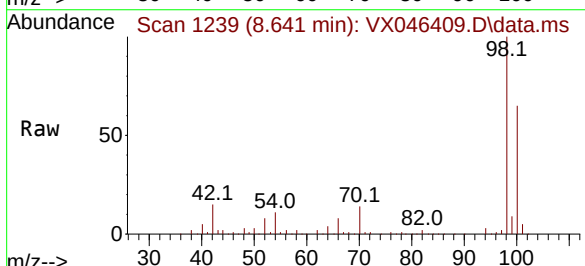
Acq: 30 May 2025 10:14

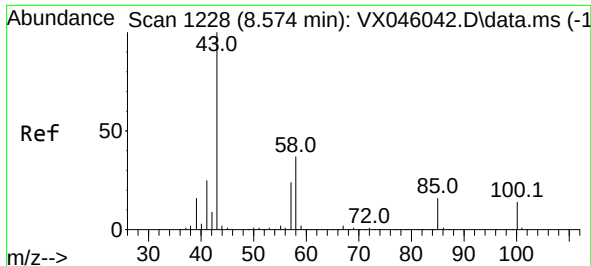
Tgt Ion: 98 Resp: 191933

Ion Ratio Lower Upper

98 100

100 64.7 53.5 80.3

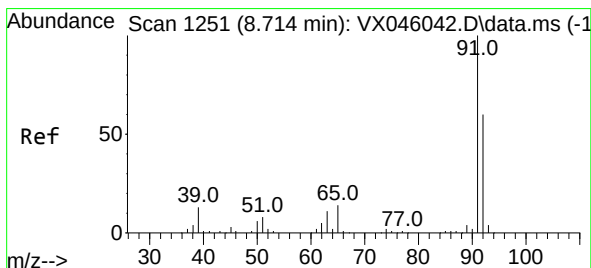
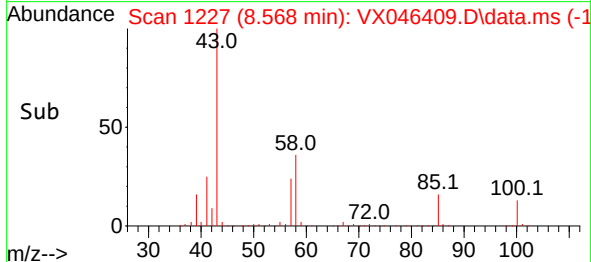
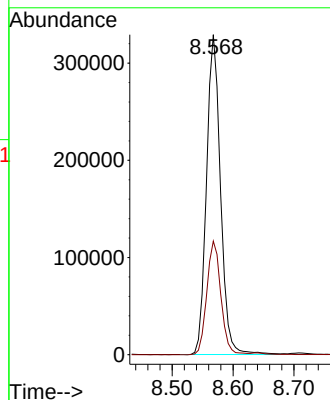
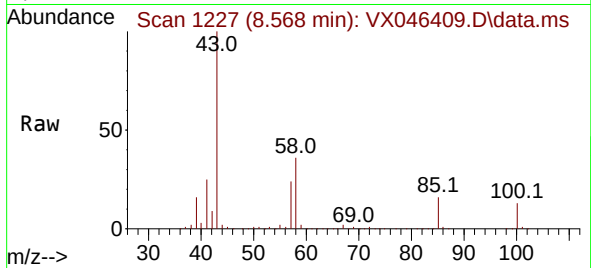




#51
4-Methyl-2-Pentanone
Concen: 280.055 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

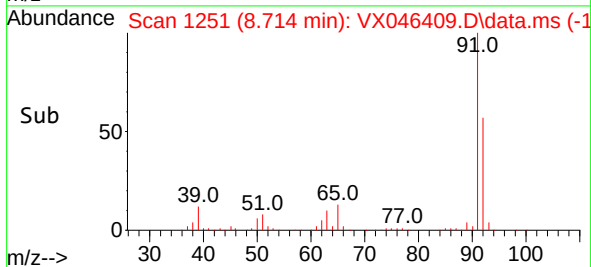
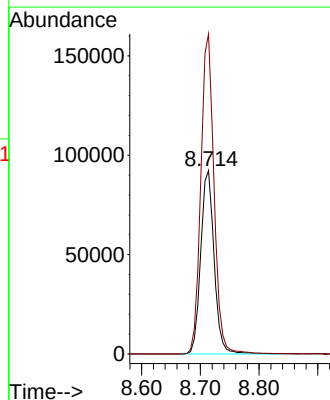
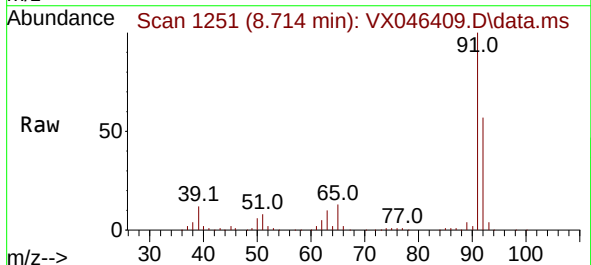
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

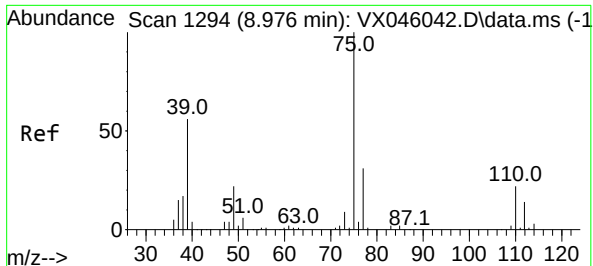
Tgt Ion: 43 Resp: 527696
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3



#52
Toluene
Concen: 54.121 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 92 Resp: 146396
Ion Ratio Lower Upper
92 100
91 172.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 57.024 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

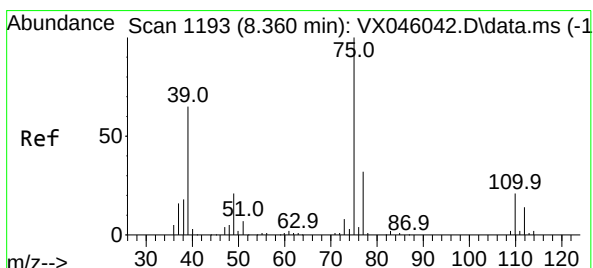
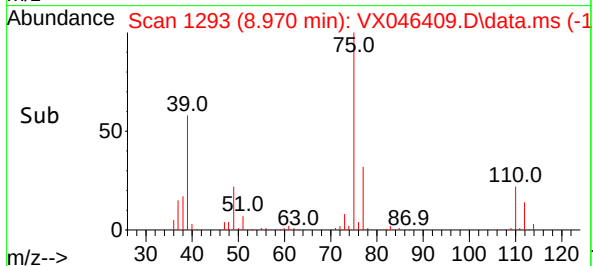
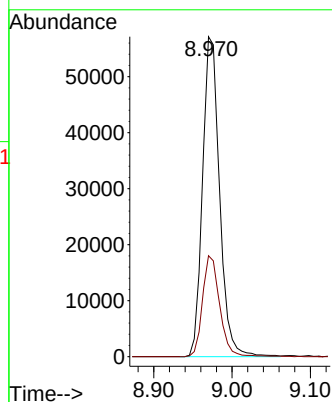
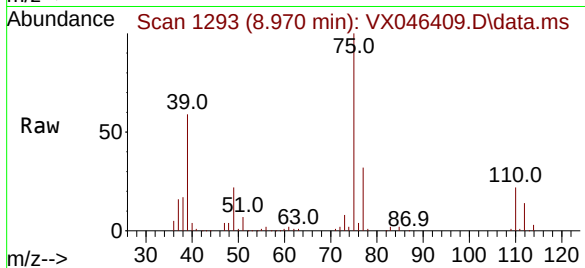
VSTDCCC050

Tgt Ion: 75 Resp: 86367

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 57.712 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

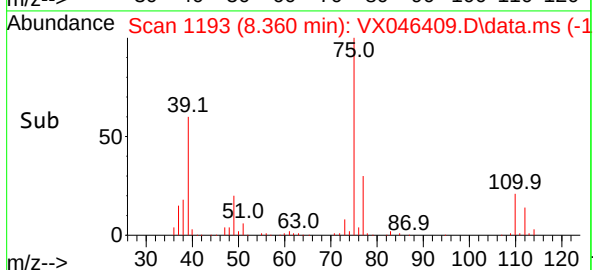
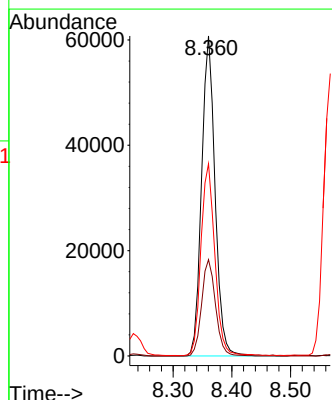
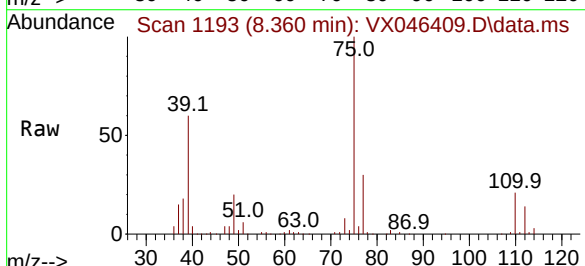
Tgt Ion: 75 Resp: 96608

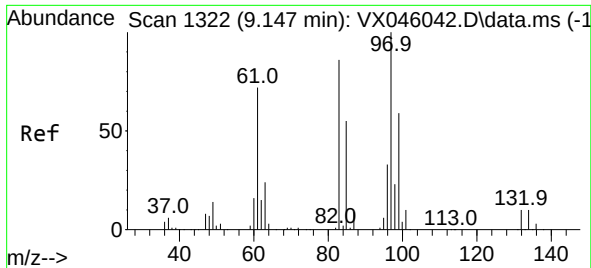
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 59.9 52.2 78.4

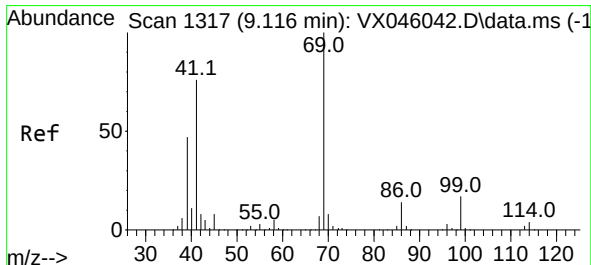
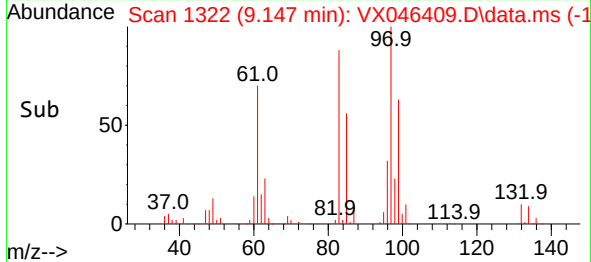
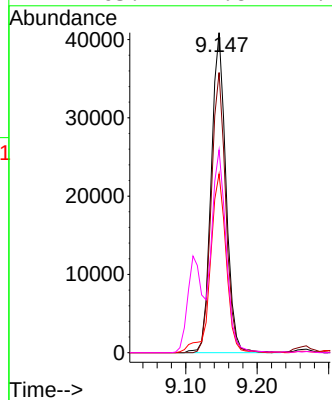
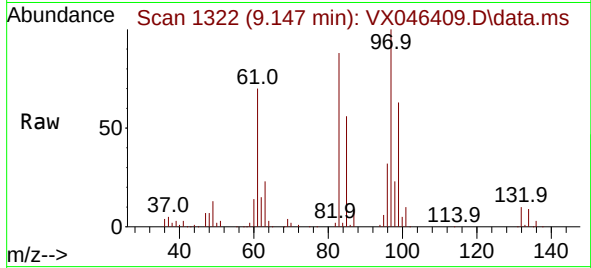




#55
 1,1,2-Trichloroethane
 Concen: 54.934 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

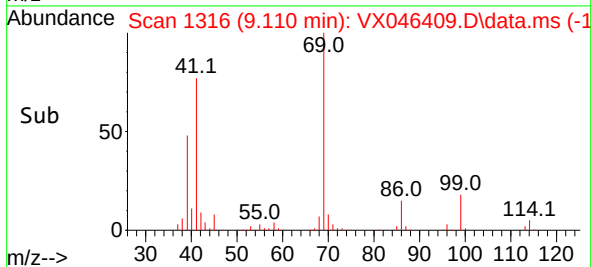
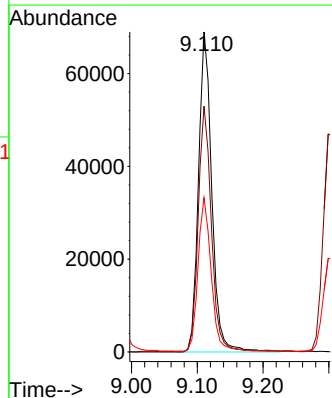
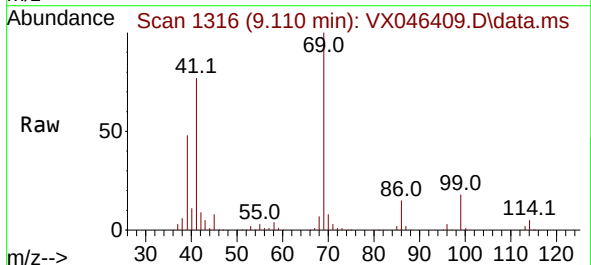
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

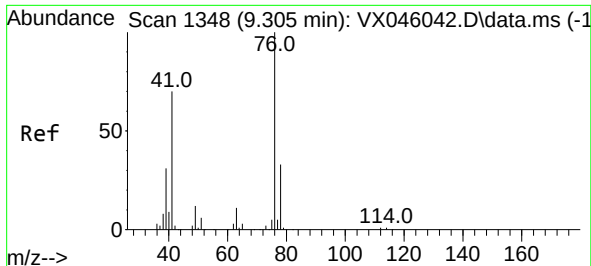
Tgt Ion:	97	Resp:	58592
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.6
85	55.7	44.3	66.5
99	63.2	47.8	71.6



#56
 Ethyl methacrylate
 Concen: 57.126 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion:	69	Resp:	97109
Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.8	91.2
39	48.3	39.0	58.6





#57

1,3-Dichloropropane

Concen: 53.435 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

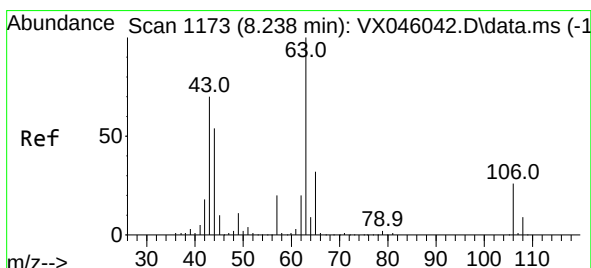
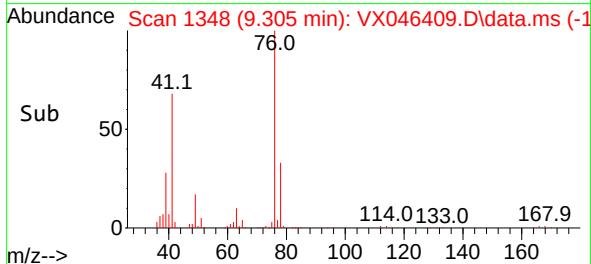
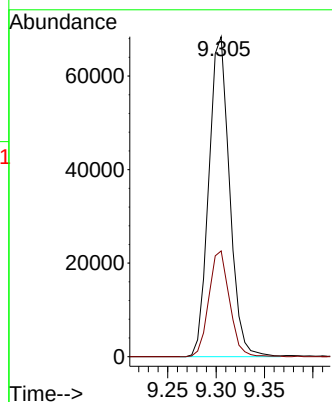
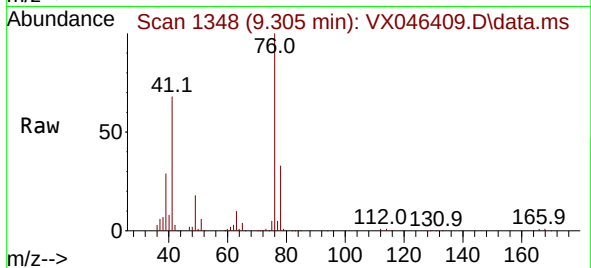
VSTDCCC050

Tgt Ion: 76 Resp: 102354

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 275.903 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX046409.D

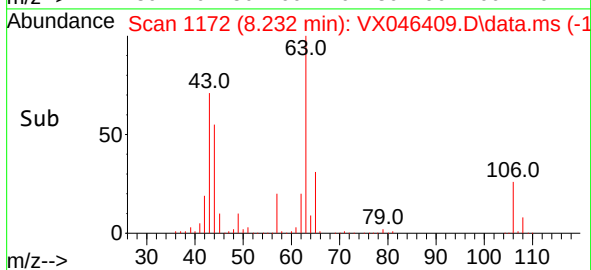
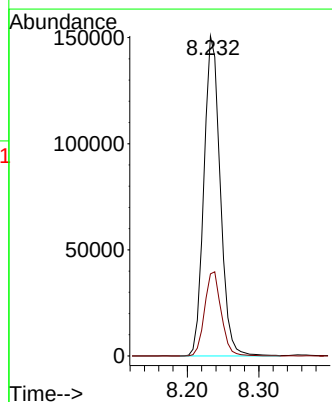
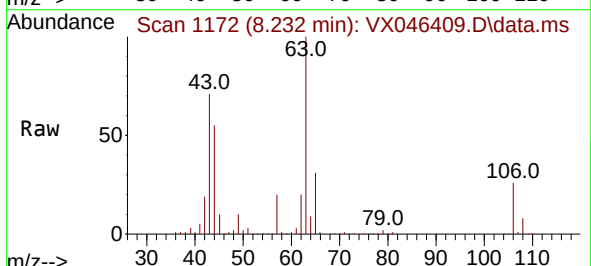
Acq: 30 May 2025 10:14

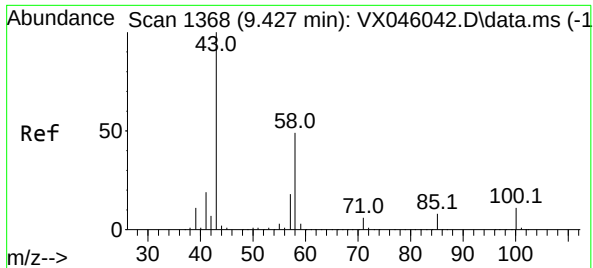
Tgt Ion: 63 Resp: 239108

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3

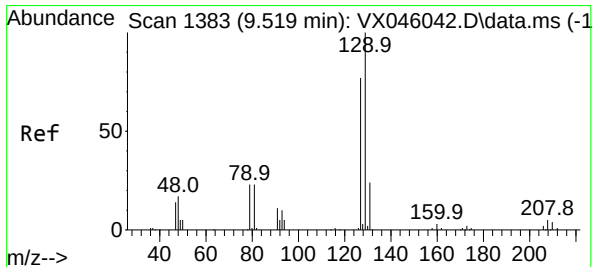
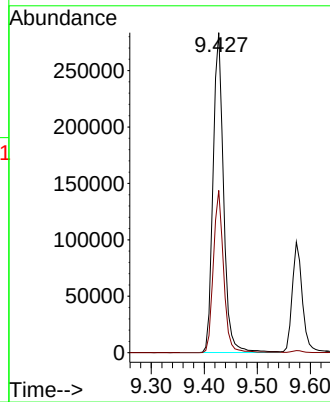
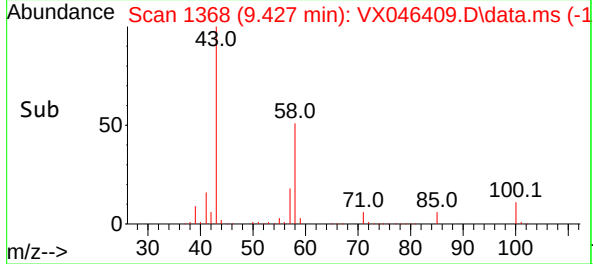
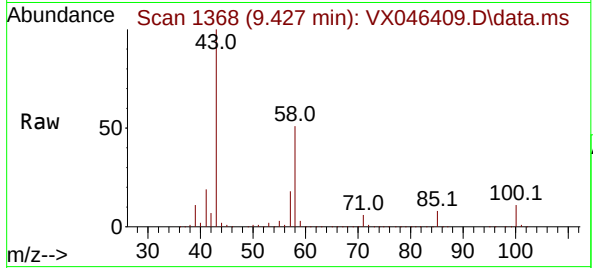




#59
2-Hexanone
Concen: 280.812 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

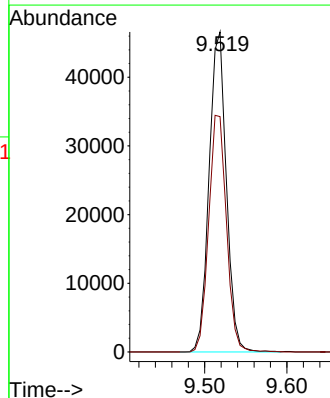
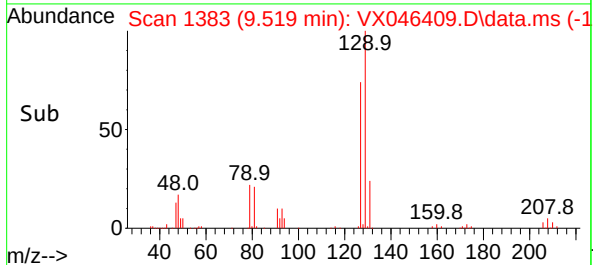
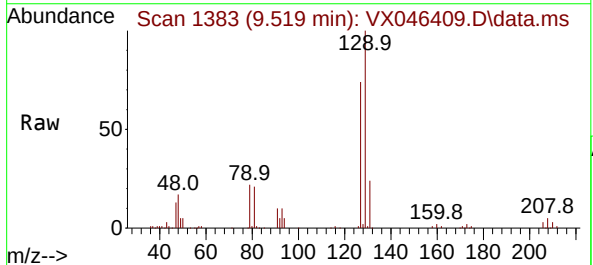
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

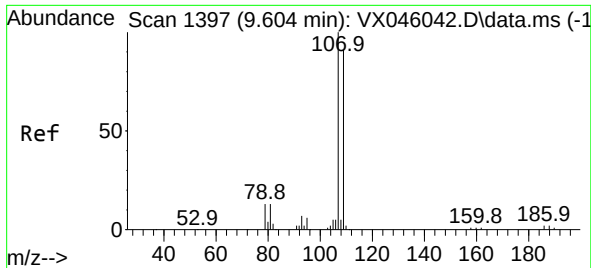
Tgt Ion: 43 Resp: 391463
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6



#60
Dibromochloromethane
Concen: 57.902 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 129 Resp: 67824
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8

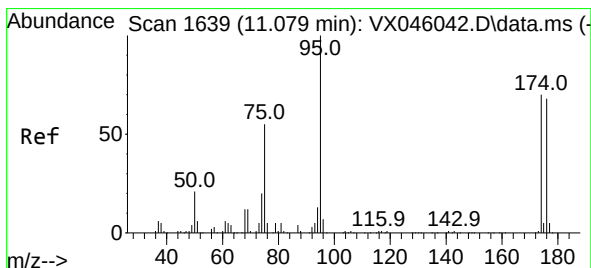
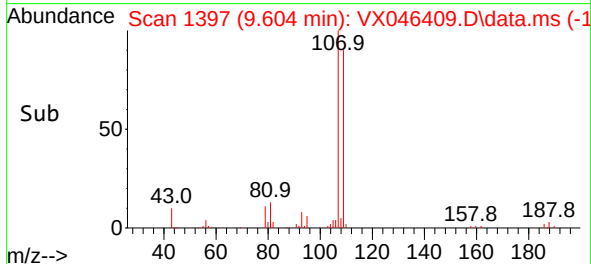
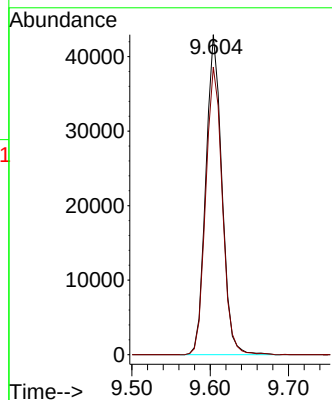
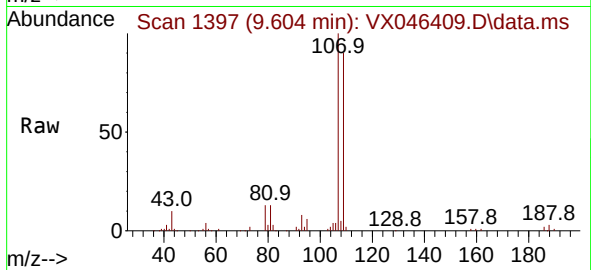




#61
1,2-Dibromoethane
Concen: 55.163 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

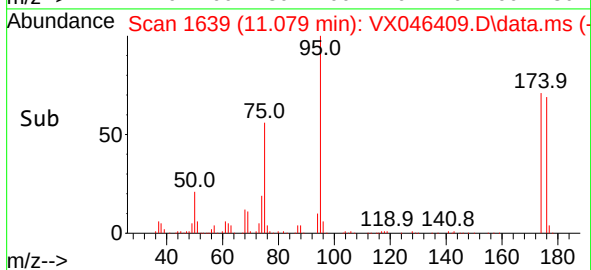
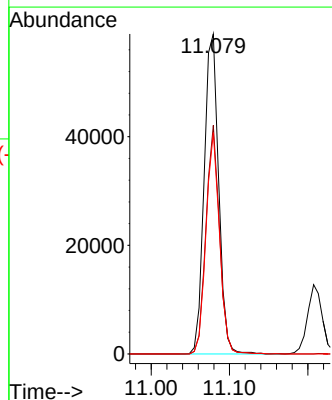
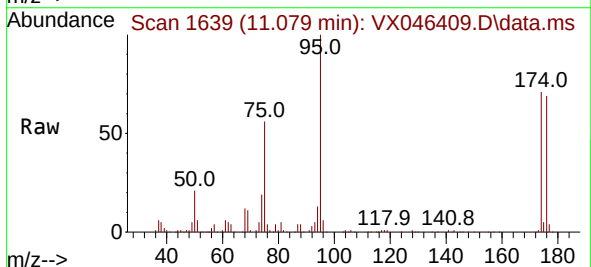
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

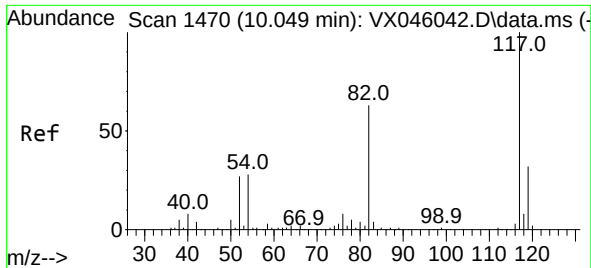
Tgt Ion:107 Resp: 61152
Ion Ratio Lower Upper
107 100
109 92.8 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 95 Resp: 75501
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 64.6 0.0 131.4

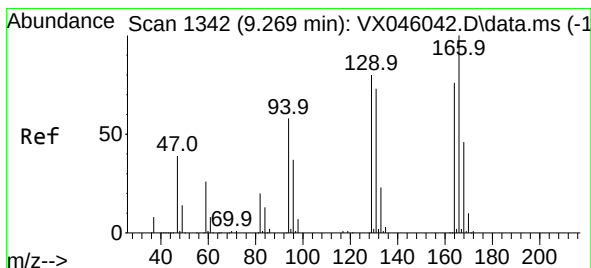
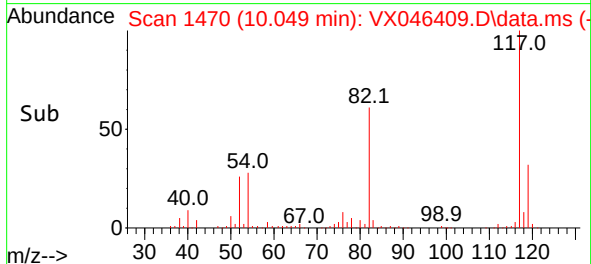
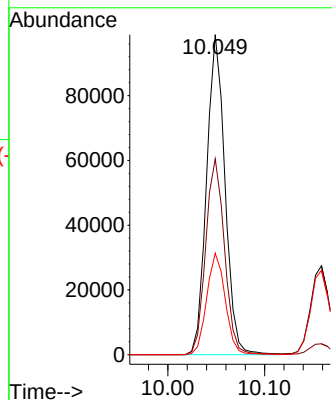
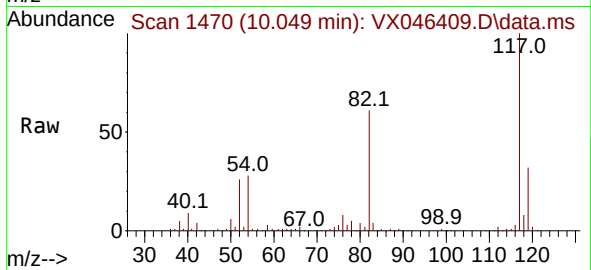




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

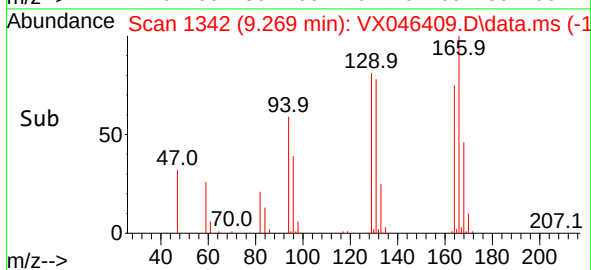
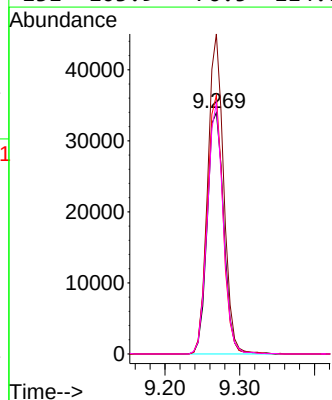
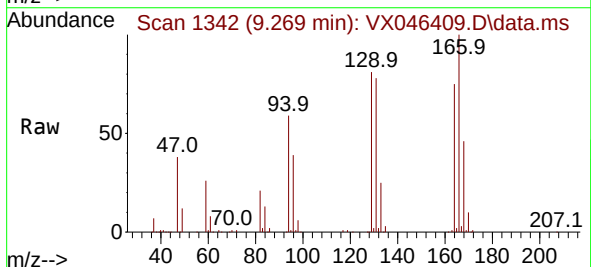
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

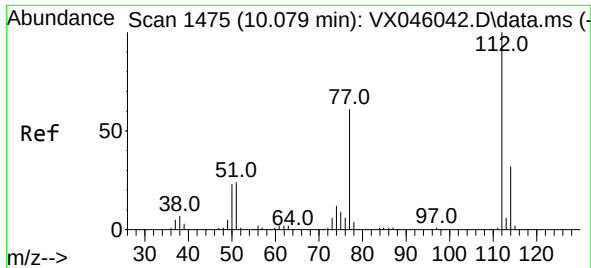
Tgt Ion:117 Resp: 130840
Ion Ratio Lower Upper
117 100
82 61.2 50.6 76.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 56.142 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:164 Resp: 51973
Ion Ratio Lower Upper
164 100
166 132.6 105.0 157.6
129 107.2 83.5 125.3
131 103.9 76.5 114.7

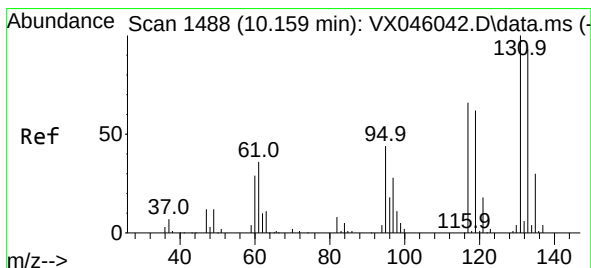
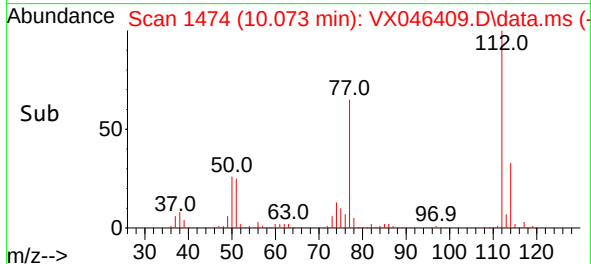
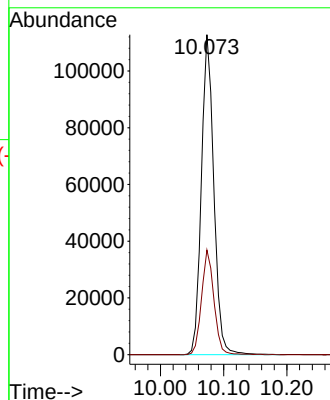
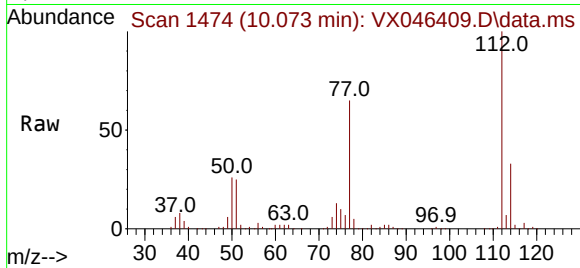




#65
Chlorobenzene
Concen: 54.044 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

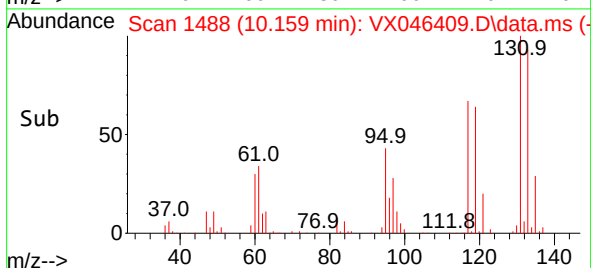
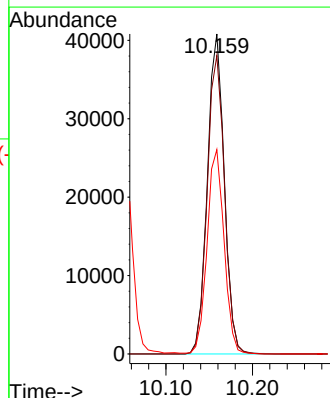
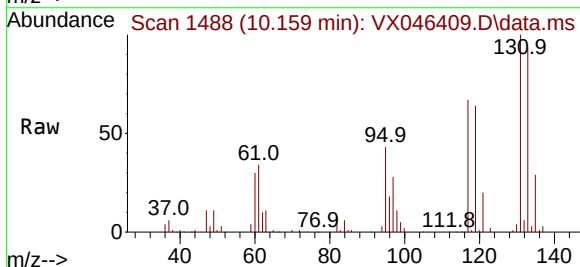
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

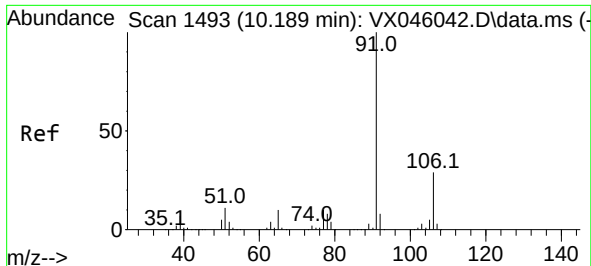
Tgt Ion:112 Resp: 154770
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.685 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:131 Resp: 55431
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 64.1 31.6 95.0





#67

Ethyl Benzene

Concen: 57.284 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

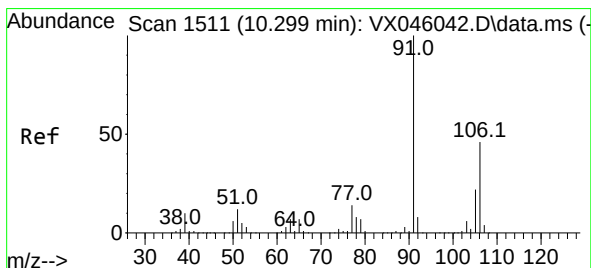
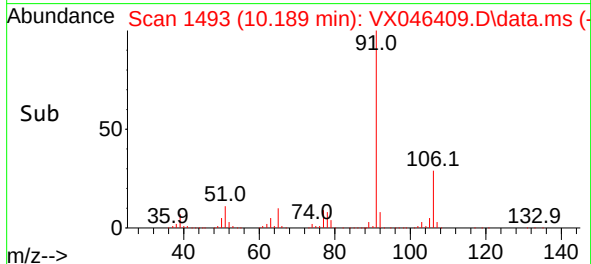
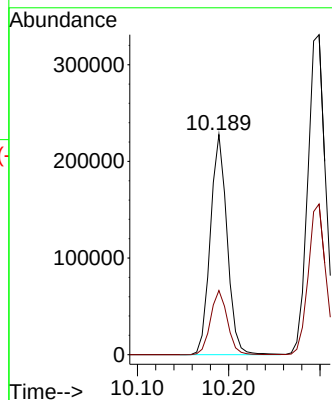
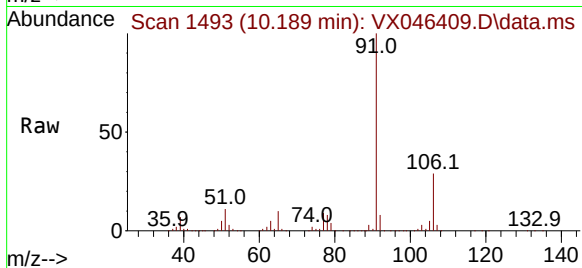
VSTDCCC050

Tgt Ion: 91 Resp: 289173

Ion Ratio Lower Upper

91 100

106 29.1 23.4 35.2



#68

m/p-Xylenes

Concen: 113.281 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046409.D

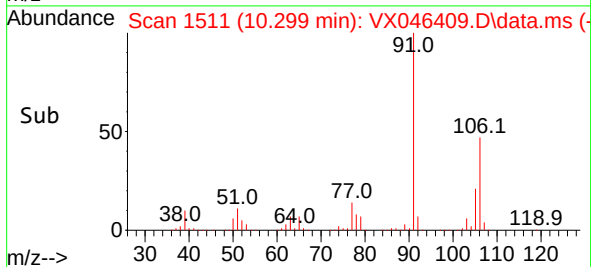
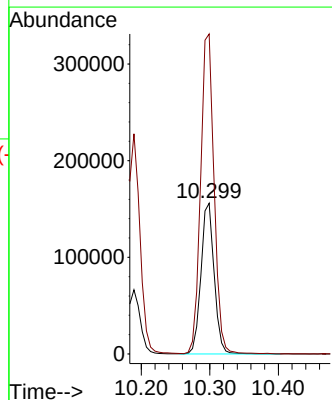
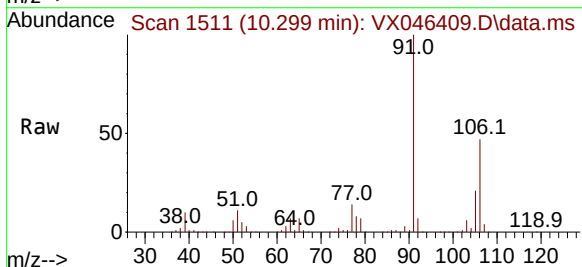
Acq: 30 May 2025 10:14

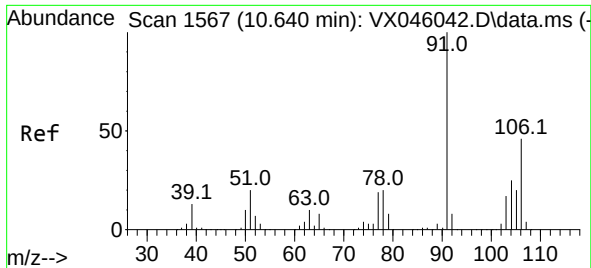
Tgt Ion: 106 Resp: 209150

Ion Ratio Lower Upper

106 100

91 217.8 171.2 256.8

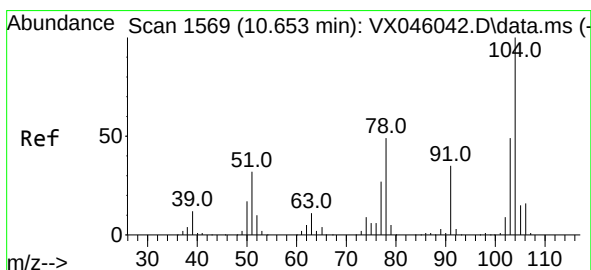
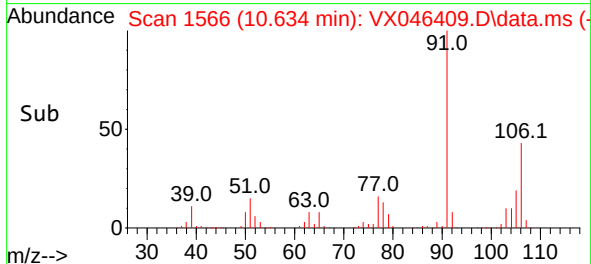
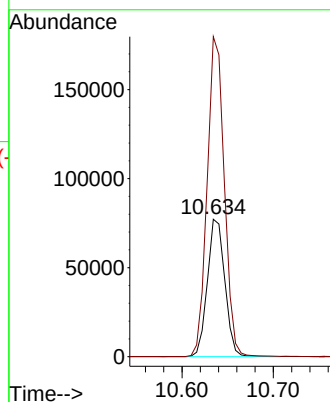
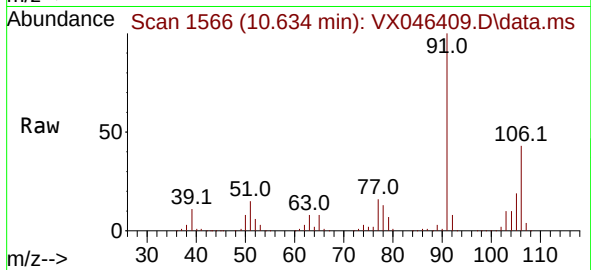




#69
o-Xylene
Concen: 56.842 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

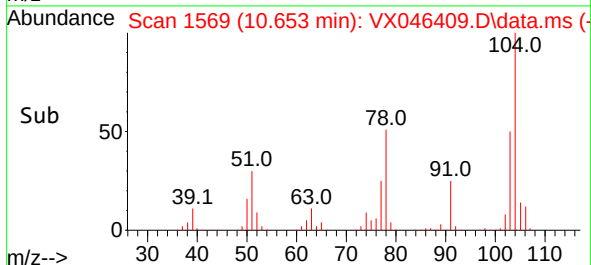
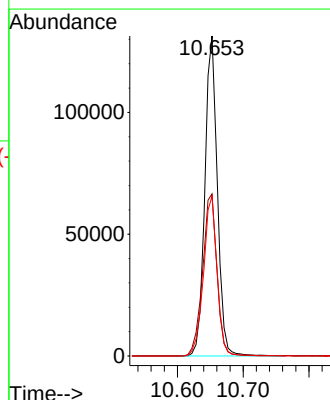
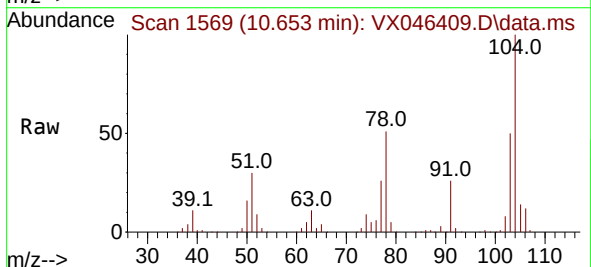
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

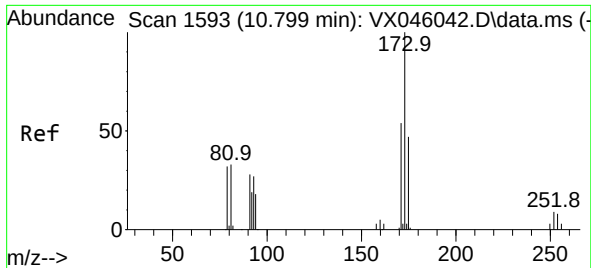
Tgt Ion:106 Resp: 102312
Ion Ratio Lower Upper
106 100
91 229.3 112.7 338.1



#70
Styrene
Concen: 58.788 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:104 Resp: 173337
Ion Ratio Lower Upper
104 100
78 58.1 45.7 68.5
103 54.6 43.7 65.5

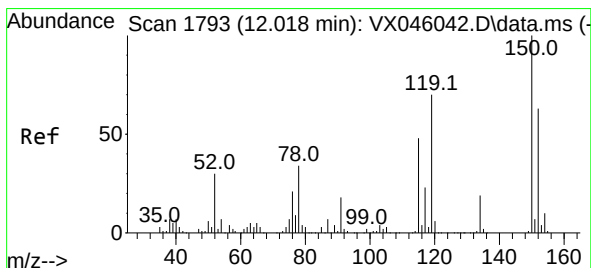
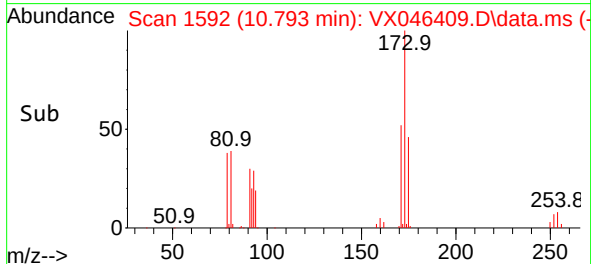
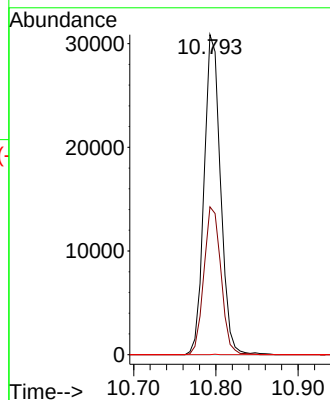
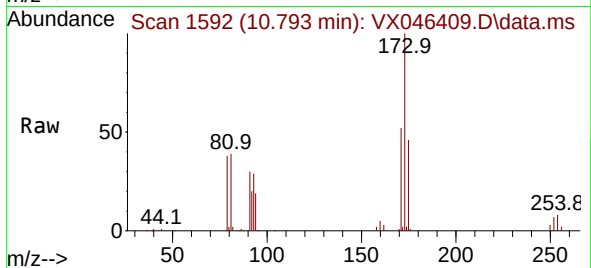




#71
Bromoform
Concen: 58.367 ug/l
RT: 10.793 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

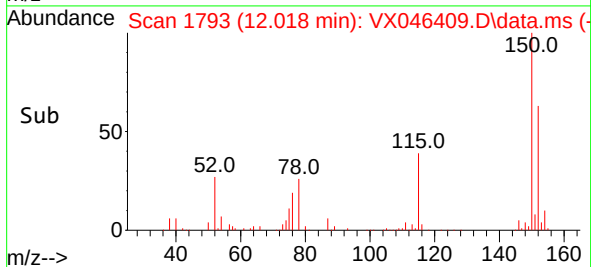
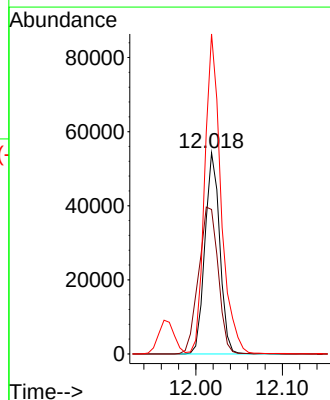
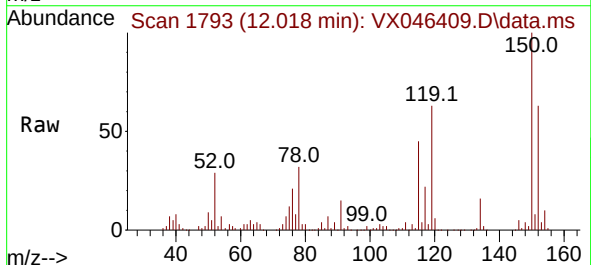
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

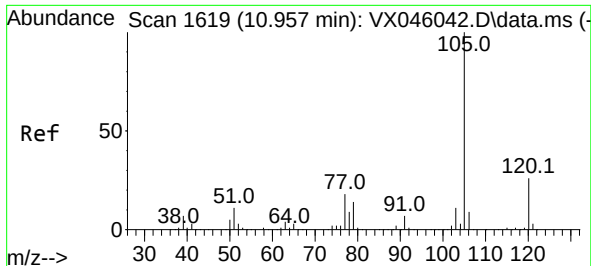
Tgt Ion:173 Resp: 42852
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:152 Resp: 64536
Ion Ratio Lower Upper
152 100
115 96.2 46.9 140.7
150 174.1 0.0 351.0

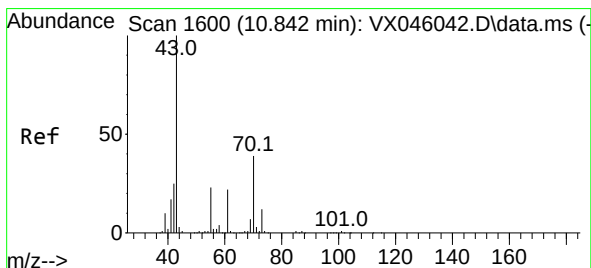
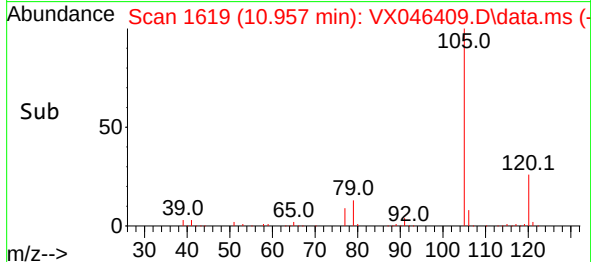
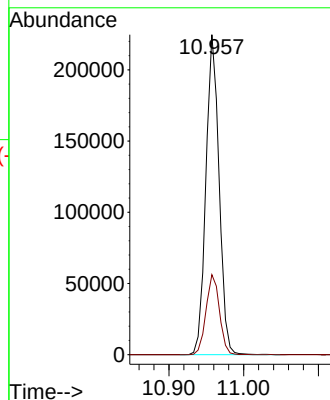
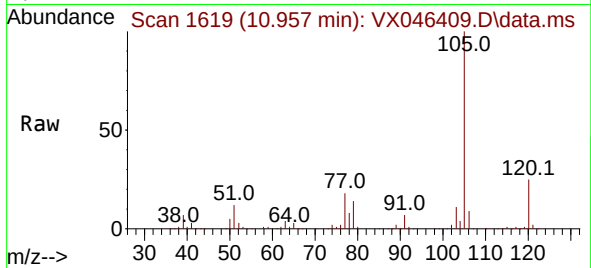




#73
Isopropylbenzene
Concen: 54.621 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

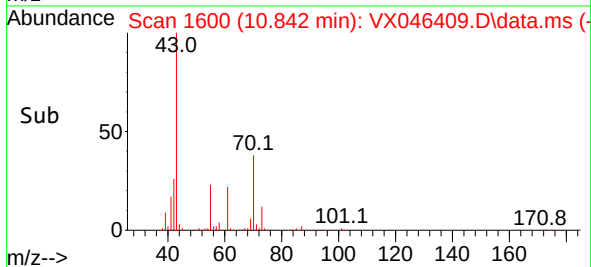
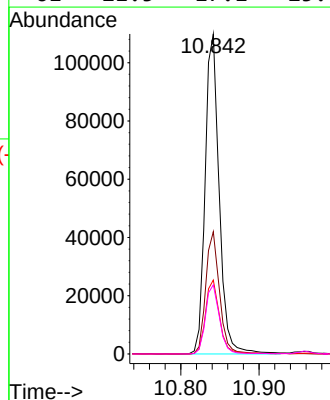
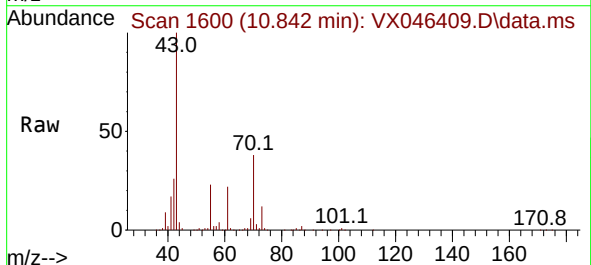
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

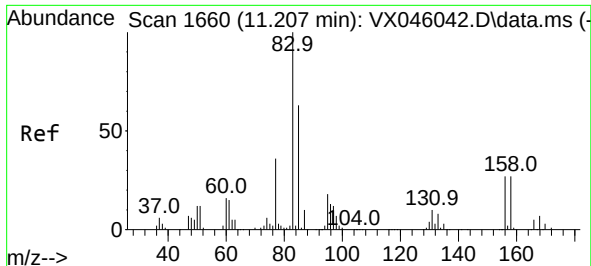
Tgt Ion:105 Resp: 274433
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 55.143 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 43 Resp: 136906
Ion Ratio Lower Upper
43 100
70 37.4 30.9 46.3
55 23.4 18.7 28.1
61 21.5 17.1 25.7

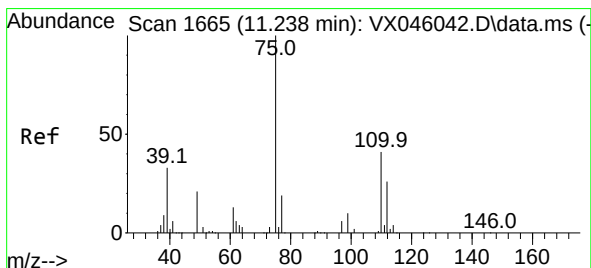
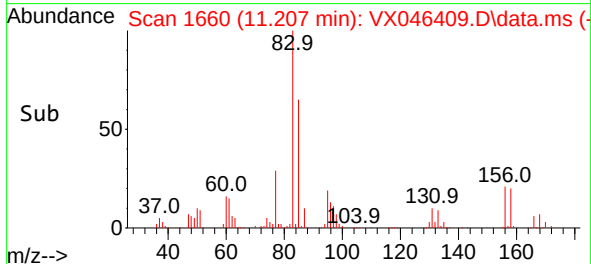
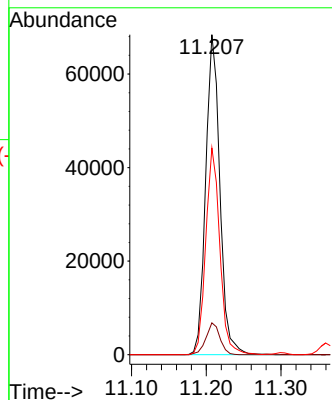
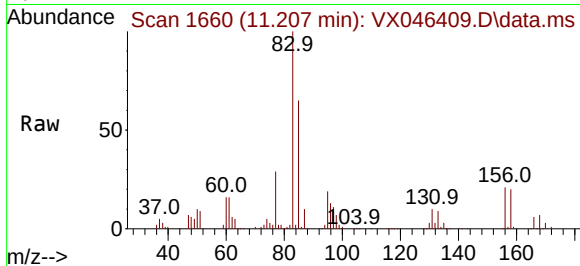




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.151 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

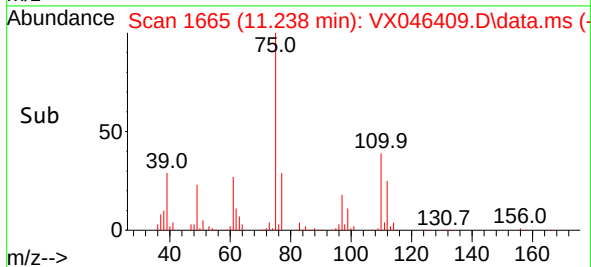
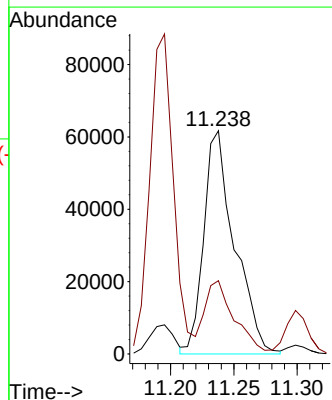
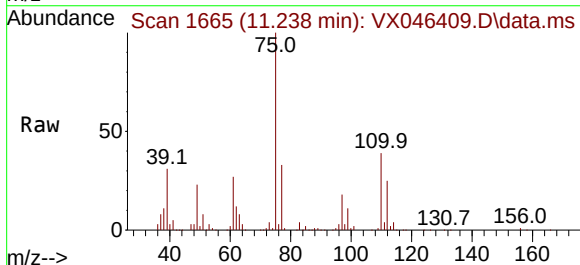
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

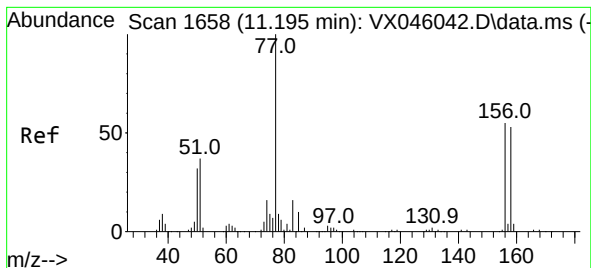
Tgt Ion: 83 Resp: 90062
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 14.9
 85 64.1 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 67.356 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 104631
 Ion Ratio Lower Upper
 75 100
 77 31.2 20.5 61.5





#77

Bromobenzene

Concen: 53.525 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

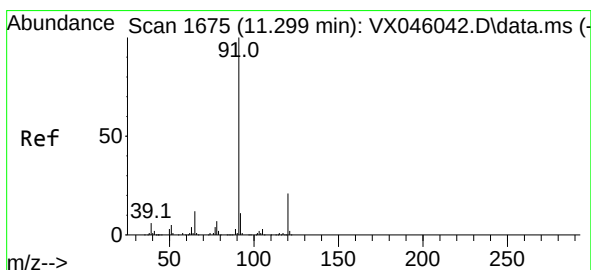
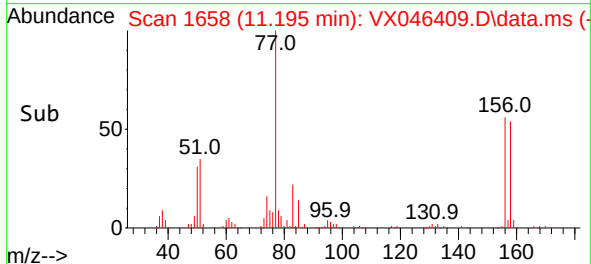
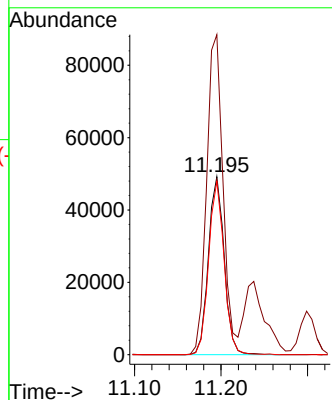
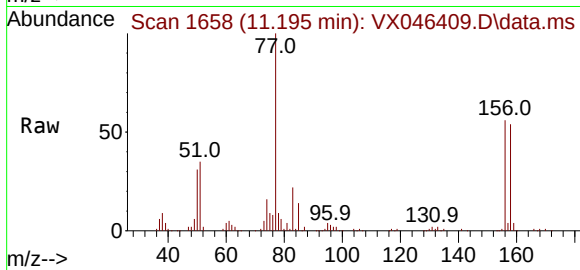
Tgt Ion:156 Resp: 62435

Ion Ratio Lower Upper

156 100

77 186.0 92.8 278.3

158 95.4 48.8 146.3



#78

n-propylbenzene

Concen: 55.901 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046409.D

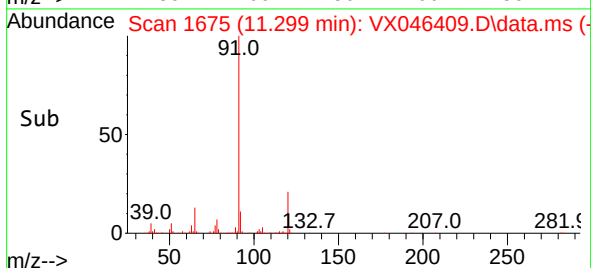
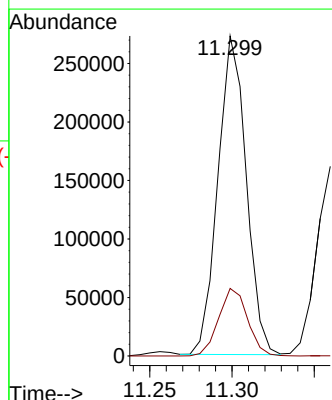
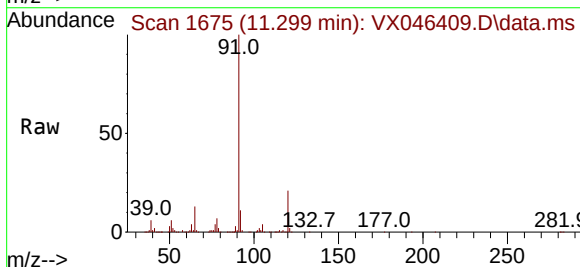
Acq: 30 May 2025 10:14

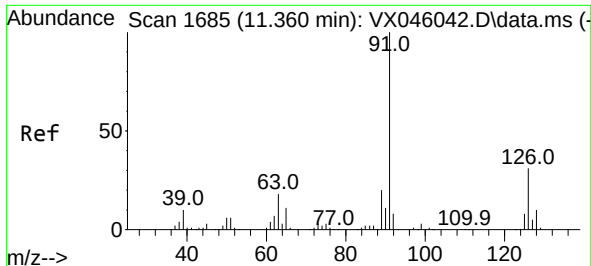
Tgt Ion: 91 Resp: 326575

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4

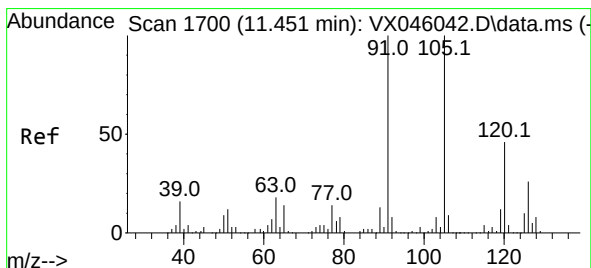
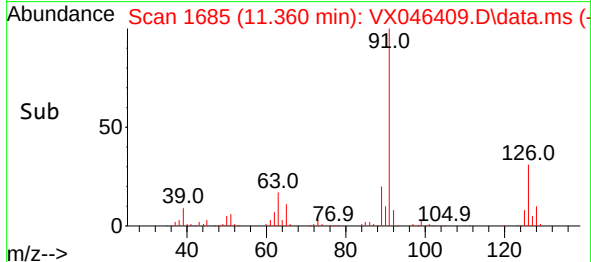
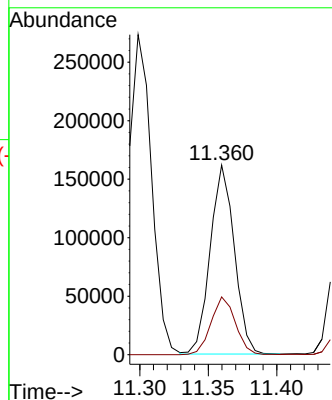
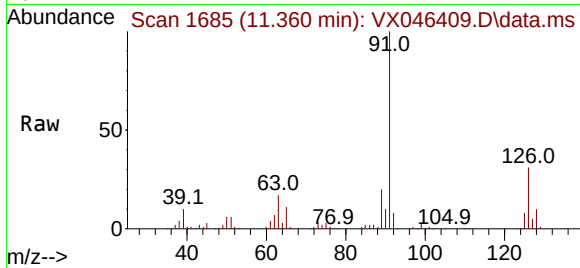




#79
2-Chlorotoluene
Concen: 52.554 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

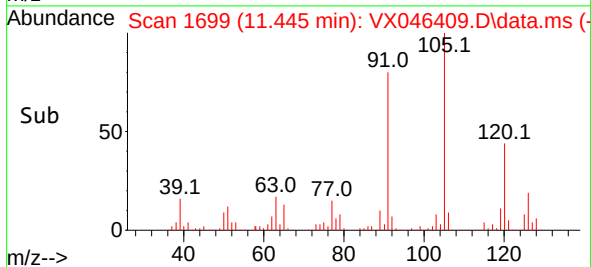
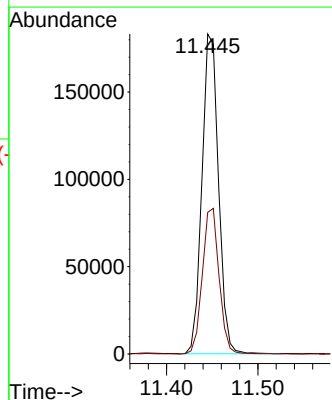
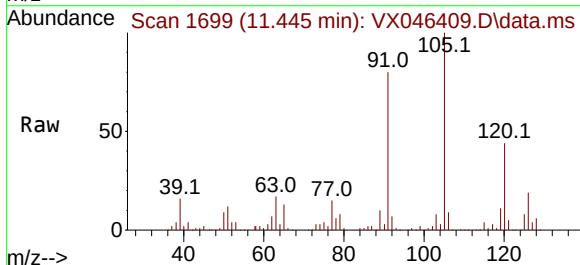
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

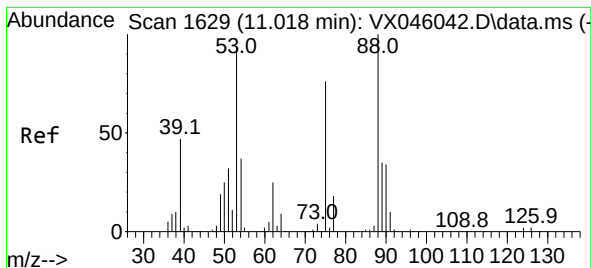
Tgt Ion: 91 Resp: 198028
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7



#80
1,3,5-Trimethylbenzene
Concen: 54.855 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 105 Resp: 230250
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2

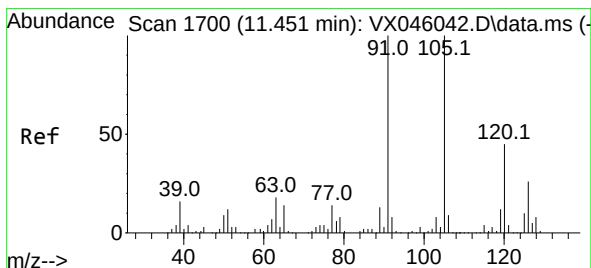
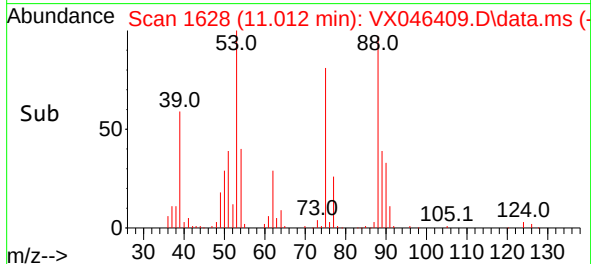
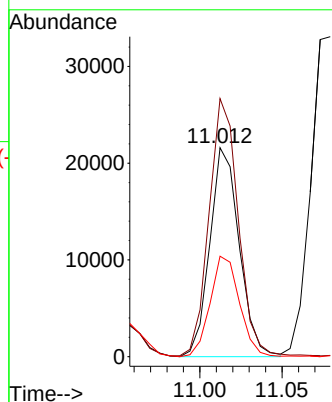
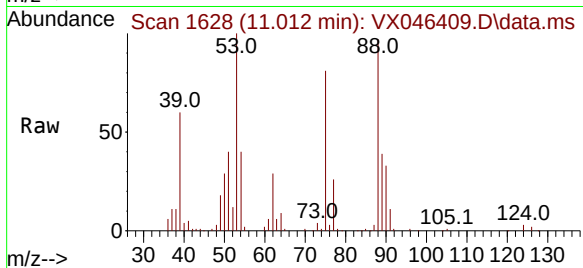




#81
trans-1,4-Dichloro-2-butene
Concen: 56.390 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

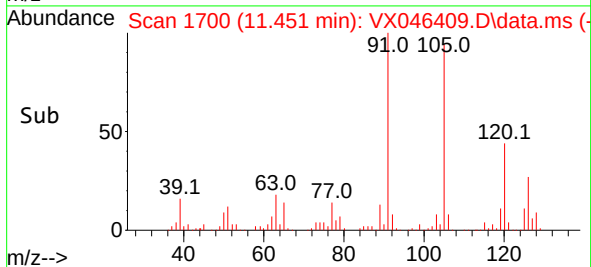
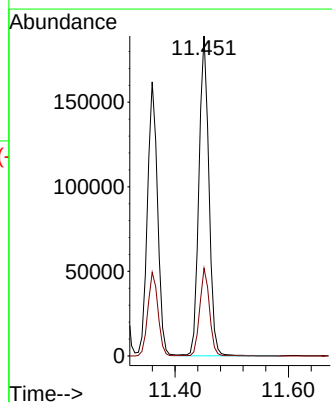
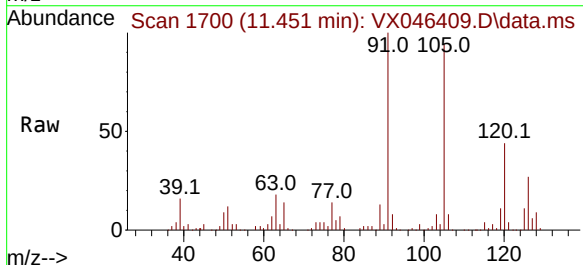
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

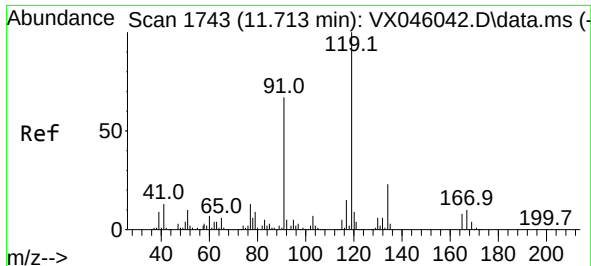
Tgt Ion: 75 Resp: 26906
Ion Ratio Lower Upper
75 100
53 123.5 100.5 150.7
89 48.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 55.048 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 91 Resp: 230030
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8

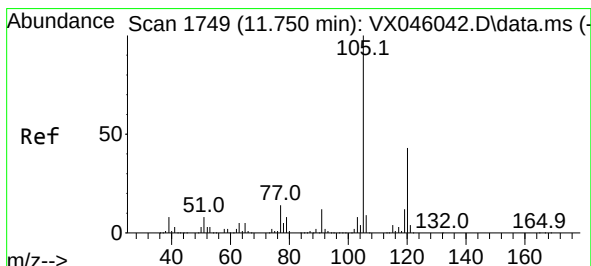
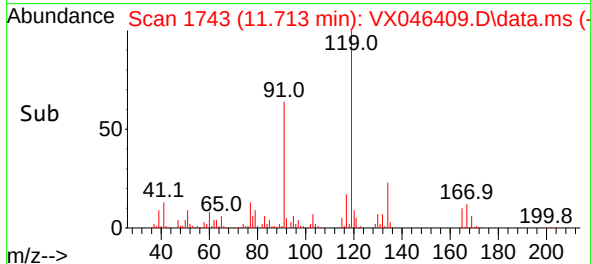
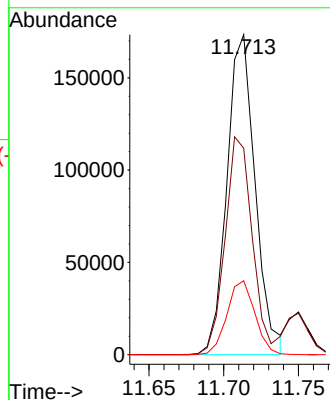
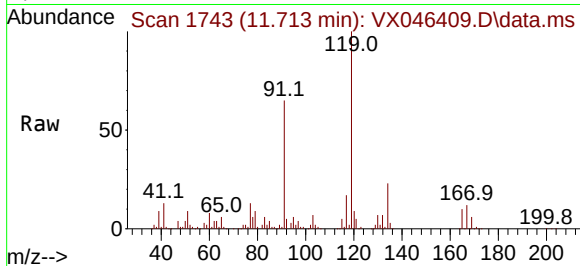




#83
tert-Butylbenzene
Concen: 53.855 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

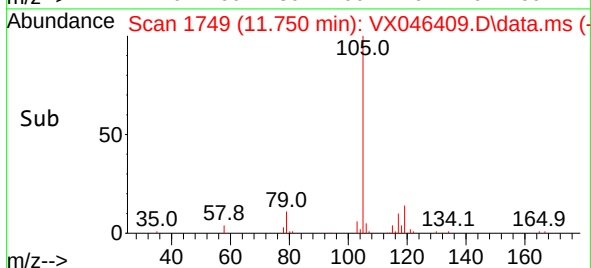
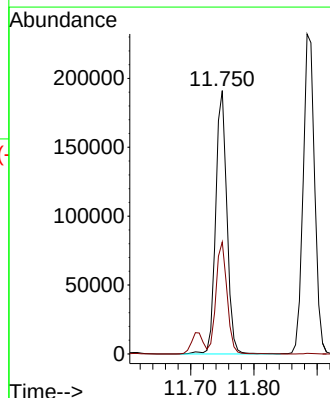
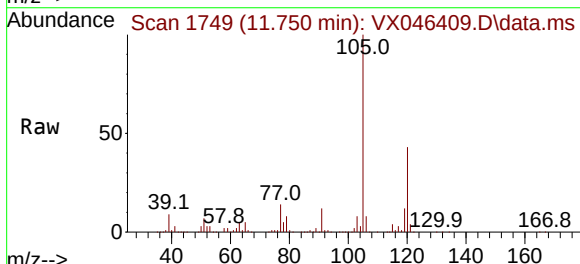
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

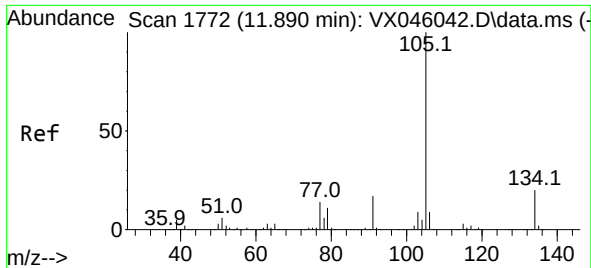
Tgt Ion:119 Resp: 227701
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.7
134 22.9 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 55.511 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:105 Resp: 235959
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6

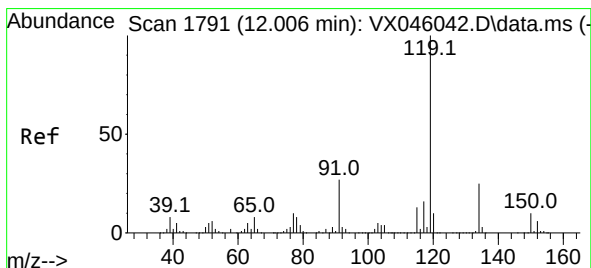
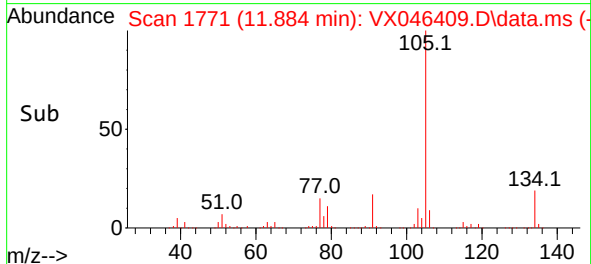
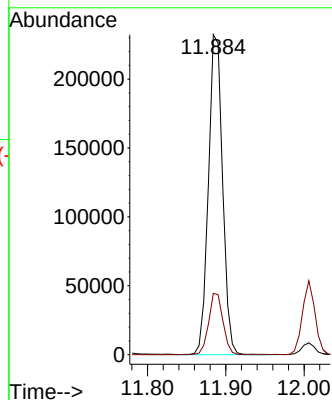
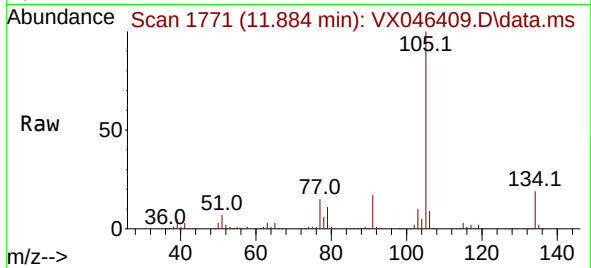




#85
 sec-Butylbenzene
 Concen: 56.108 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

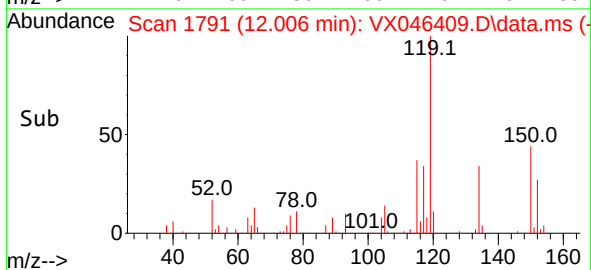
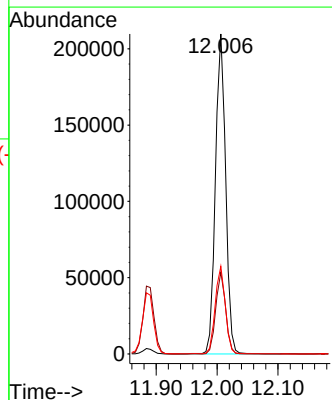
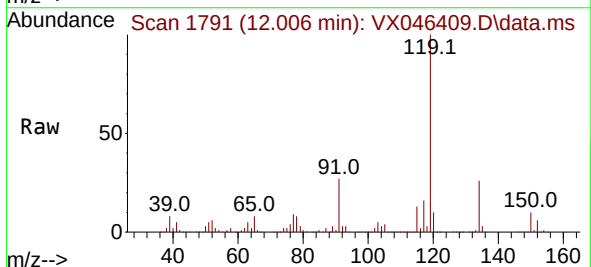
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

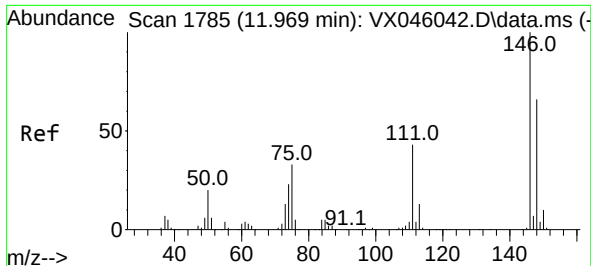
Tgt Ion:105 Resp: 291277
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 56.880 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion:119 Resp: 243737
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 27.1 13.8 41.4

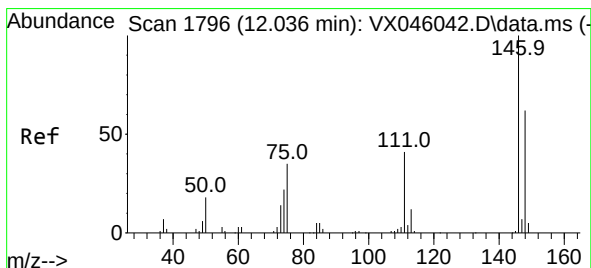
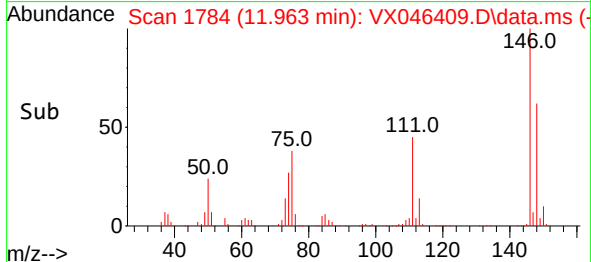
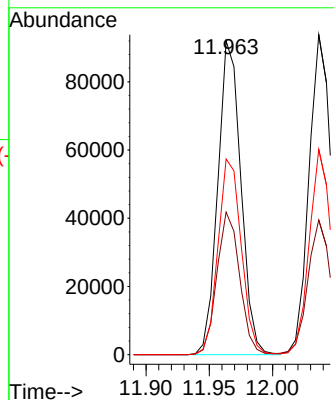
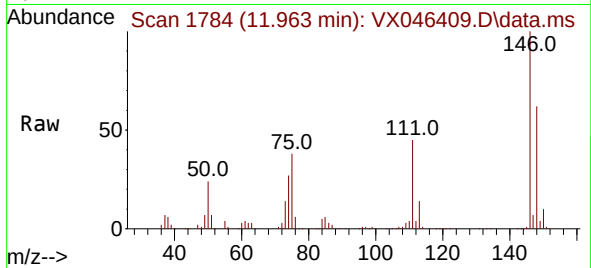




#87
1,3-Dichlorobenzene
Concen: 54.725 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

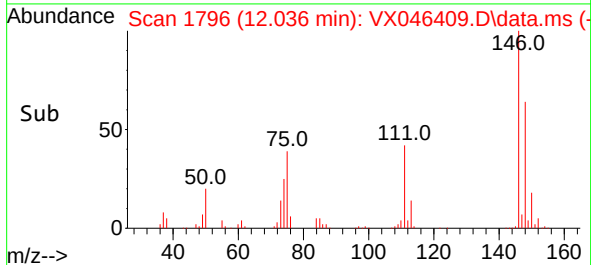
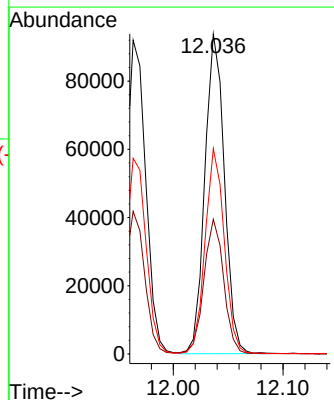
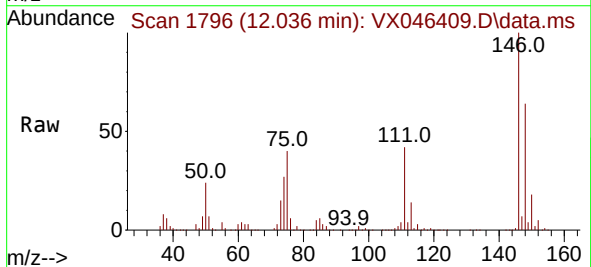
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

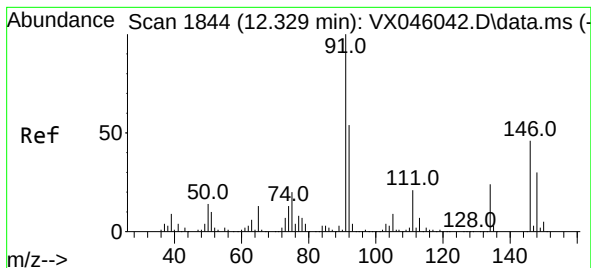
Tgt Ion:146 Resp: 116500
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 63.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 53.346 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:146 Resp: 115980
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.9
148 63.1 31.9 95.5





#89

n-Butylbenzene

Concen: 59.677 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046409.D

Acq: 30 May 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

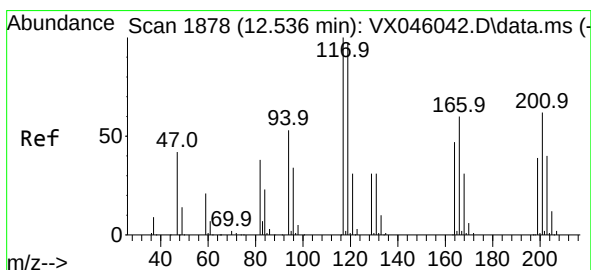
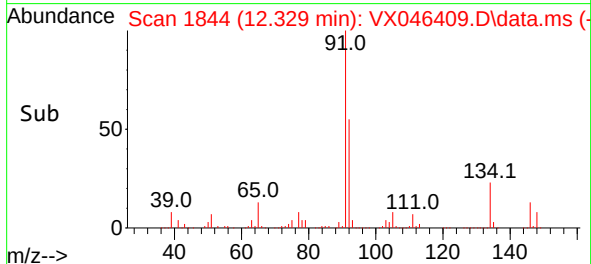
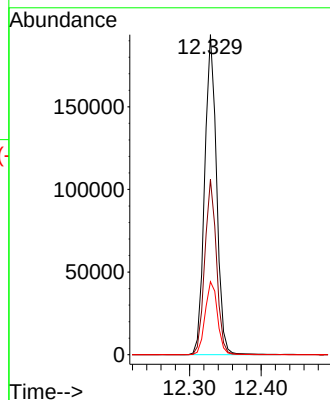
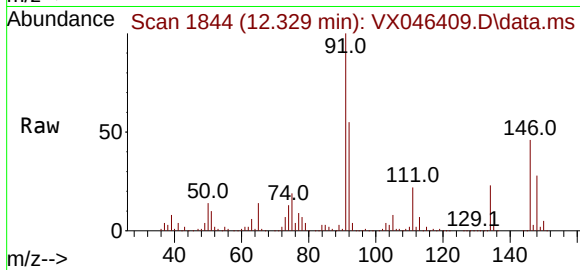
Tgt Ion: 91 Resp: 224309

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.7

134 23.7 11.8 35.3



#90

Hexachloroethane

Concen: 57.220 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046409.D

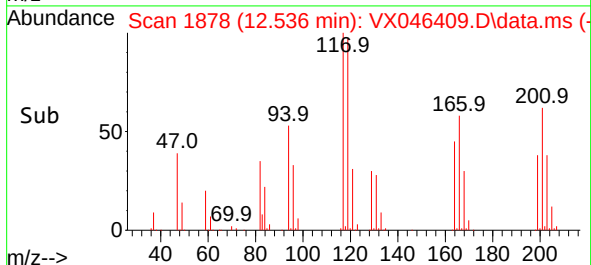
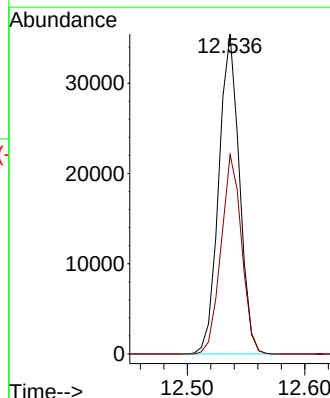
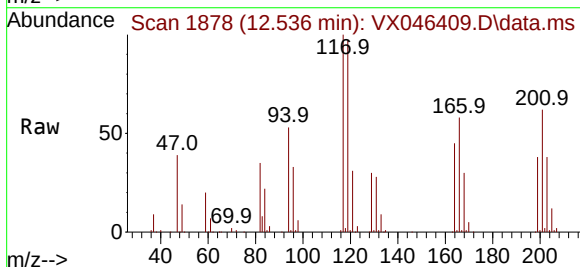
Acq: 30 May 2025 10:14

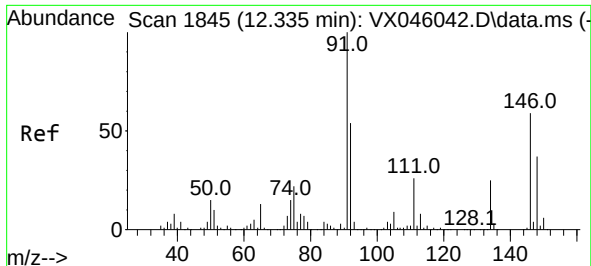
Tgt Ion: 117 Resp: 43197

Ion Ratio Lower Upper

117 100

201 62.3 31.6 94.7

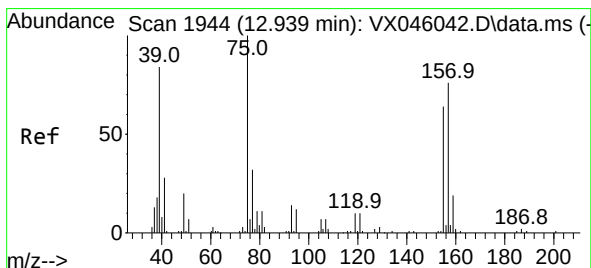
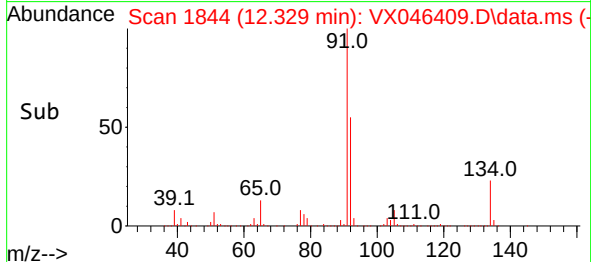
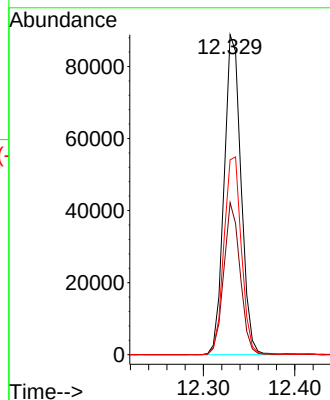
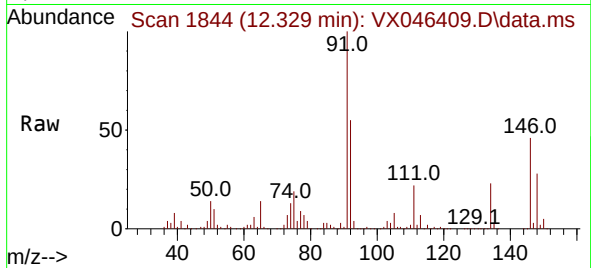




#91
1,2-Dichlorobenzene
Concen: 53.544 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

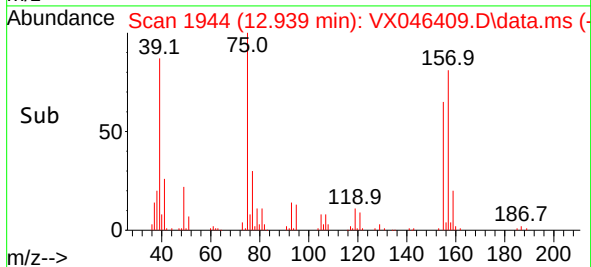
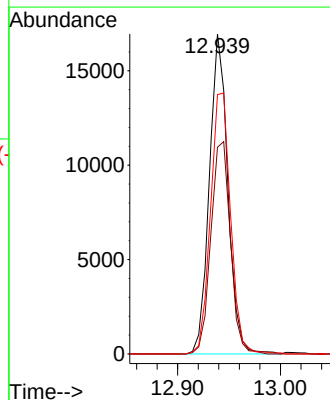
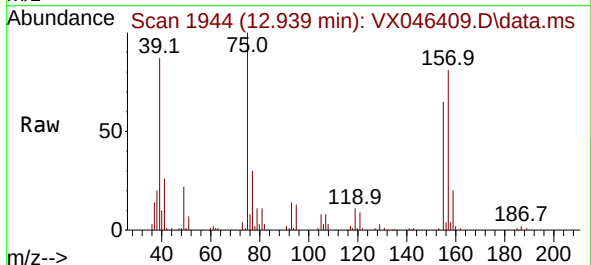
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

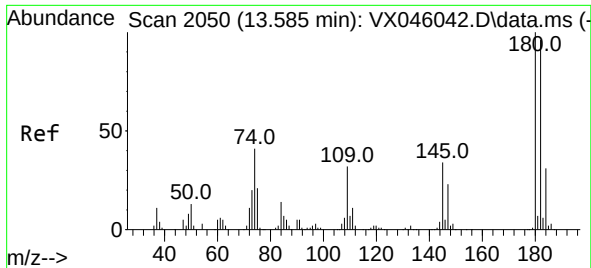
Tgt Ion:146 Resp: 114383
Ion Ratio Lower Upper
146 100
111 46.0 22.4 67.3
148 63.8 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.344 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion: 75 Resp: 21197
Ion Ratio Lower Upper
75 100
155 69.9 34.9 104.8
157 88.4 43.8 131.4

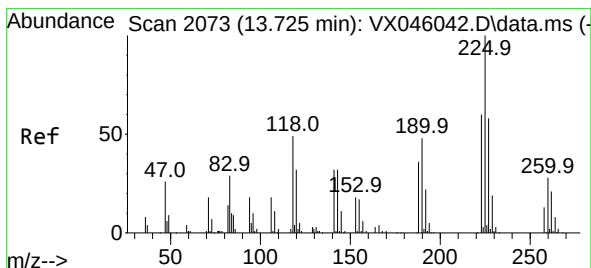
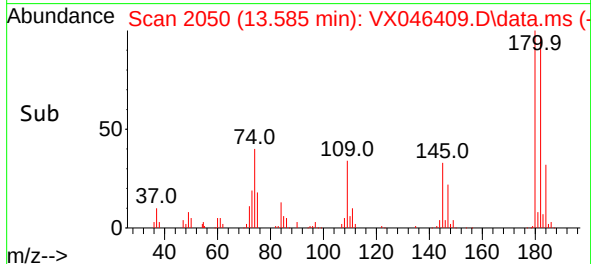
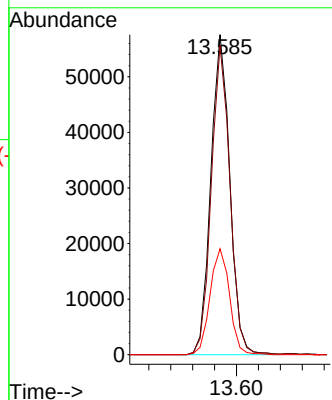
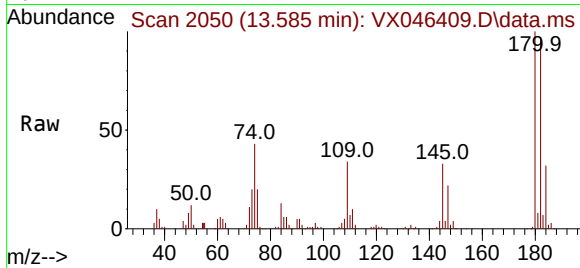




#93
 1,2,4-Trichlorobenzene
 Concen: 56.393 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

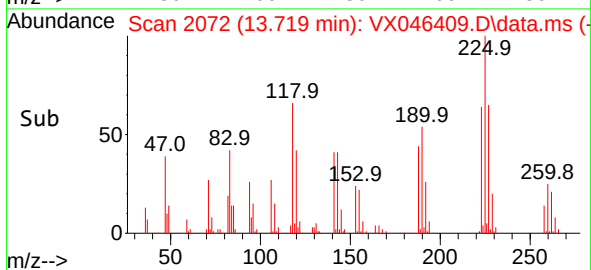
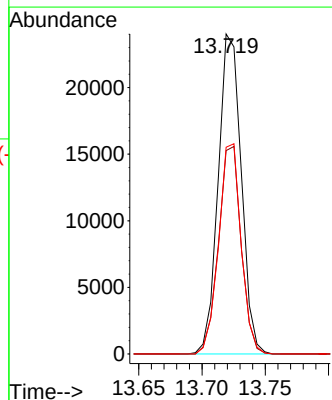
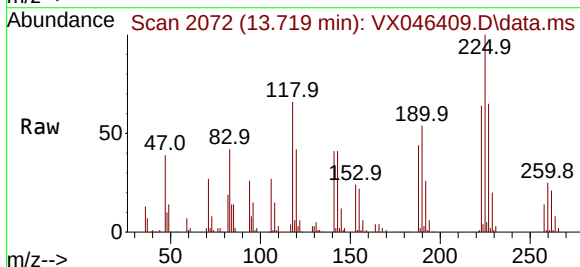
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

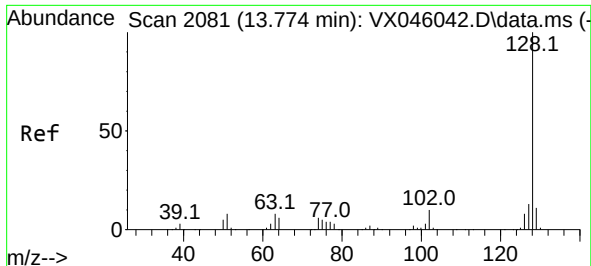
Tgt Ion:180 Resp: 69193
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.8
 145 34.0 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 56.649 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX046409.D
 Acq: 30 May 2025 10:14

Tgt Ion:225 Resp: 30357
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.8 92.4
 227 64.0 30.9 92.7

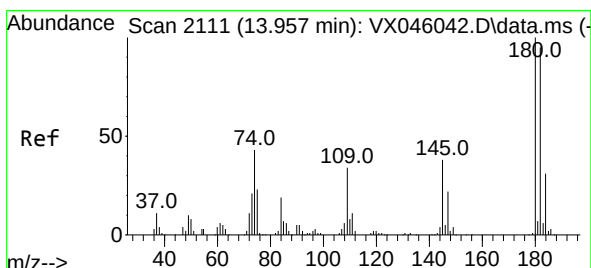
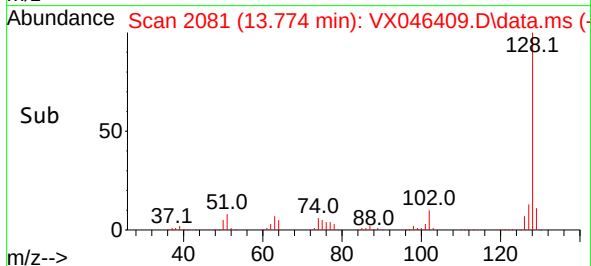
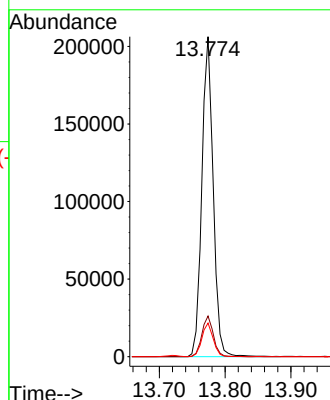
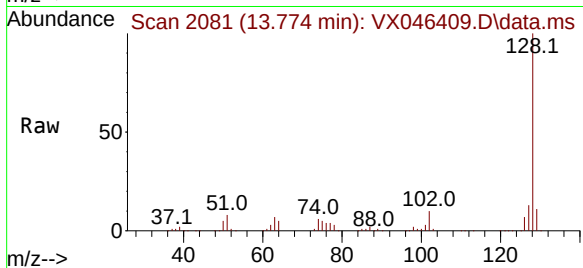




#95
Naphthalene
Concen: 54.869 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 246917
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.538 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046409.D
Acq: 30 May 2025 10:14

Tgt Ion:180 Resp: 69047
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 37.4 18.1 54.3

