

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046961.D
 Acq On : 14 Jul 2025 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:12:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	302863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	451308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	220043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204085	51.007	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.020%	
35) Dibromofluoromethane	5.391	113	169374	49.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.060%	
50) Toluene-d8	8.646	98	572304	47.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	11.079	95	225723	49.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	147603	50.960	ug/l	97
3) Chloromethane	1.306	50	144411	45.634	ug/l	100
4) Vinyl Chloride	1.386	62	170975	49.613	ug/l	99
5) Bromomethane	1.617	94	110416	49.866	ug/l	98
6) Chloroethane	1.703	64	108263	47.576	ug/l	98
7) Trichlorofluoromethane	1.904	101	278444	52.255	ug/l	99
8) Diethyl Ether	2.142	74	103256	54.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	177113	52.163	ug/l	98
10) Methyl Iodide	2.465	142	150217	40.609	ug/l	98
11) Tert butyl alcohol	2.958	59	102389	390.182	ug/l	100
12) 1,1-Dichloroethene	2.331	96	167555	51.020	ug/l	99
13) Acrolein	2.245	56	66890	230.897	ug/l	96
14) Allyl chloride	2.678	41	314746	53.830	ug/l	99
15) Acrylonitrile	3.068	53	446983	294.614	ug/l	100
16) Acetone	2.385	43	355078	285.701	ug/l	97
17) Carbon Disulfide	2.526	76	393167	45.650	ug/l	100
18) Methyl Acetate	2.709	43	233009	71.131	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	565691	60.996	ug/l	98
20) Methylene Chloride	2.800	84	190463	51.825	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	168719	50.206	ug/l	99
22) Diisopropyl ether	3.763	45	636672	56.362	ug/l	93
23) Vinyl Acetate	3.727	43	2457841	290.428	ug/l	99
24) 1,1-Dichloroethane	3.617	63	341398	52.993	ug/l	100
25) 2-Butanone	4.556	43	515414	310.834	ug/l	98
26) 2,2-Dichloropropane	4.483	77	275917	57.548	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	215696	52.571	ug/l	98
28) Bromochloromethane	4.903	49	166884	52.488	ug/l	98
29) Tetrahydrofuran	5.007	42	332902	314.945	ug/l	99
30) Chloroform	5.098	83	345455	52.487	ug/l	97
31) Cyclohexane	5.476	56	278385	48.675	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	298910	54.360	ug/l	98
36) 1,1-Dichloropropene	5.696	75	229070	49.651	ug/l	99
37) Ethyl Acetate	4.714	43	218254	55.543	ug/l	98
38) Carbon Tetrachloride	5.678	117	255121	52.305	ug/l	98
39) Methylcyclohexane	7.378	83	280065	48.528	ug/l	100
40) Benzene	6.037	78	700628	50.208	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128489	61.297	ug/l	98
42) 1,2-Dichloroethane	6.086	62	250462	52.857	ug/l	99
43) Isopropyl Acetate	6.336	43	372260	61.850	ug/l	100
44) Trichloroethene	7.128	130	178886	49.245	ug/l	100
45) 1,2-Dichloropropane	7.427	63	183547	52.061	ug/l	100
46) Dibromomethane	7.580	93	128605	52.647	ug/l	100
47) Bromodichloromethane	7.817	83	278122	53.321	ug/l	98
48) Methyl methacrylate	7.689	41	193946	62.407	ug/l	98
49) 1,4-Dioxane	7.659	88	48473	1346.109	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	1097272	308.906	ug/l	99
52) Toluene	8.720	92	440638	50.957	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	268934	57.773	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	292640	55.076	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	175548	54.503	ug/l	99
56) Ethyl methacrylate	9.116	69	266571	59.797	ug/l	99
57) 1,3-Dichloropropane	9.305	76	290044	52.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	726836	289.366	ug/l	99
59) 2-Hexanone	9.427	43	756391	321.033	ug/l	99
60) Dibromochloromethane	9.518	129	208127	53.995	ug/l	98
61) 1,2-Dibromoethane	9.610	107	174833	54.048	ug/l	100
64) Tetrachloroethene	9.274	164	144564	48.111	ug/l	98
65) Chlorobenzene	10.079	112	492117	50.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	174818	53.296	ug/l	99
67) Ethyl Benzene	10.189	91	851825	50.977	ug/l	98
68) m/p-Xylenes	10.299	106	639926	101.630	ug/l	99
69) o-Xylene	10.640	106	311366	51.192	ug/l	99
70) Styrene	10.652	104	545199	52.392	ug/l	99
71) Bromoform	10.799	173	135889	55.717	ug/l	98
73) Isopropylbenzene	10.957	105	828004	53.529	ug/l	100
74) N-amyl acetate	10.841	43	332486	63.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	243489	57.246	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	262017	77.065	ug/l	86
77) Bromobenzene	11.195	156	203317	52.769	ug/l	99
78) n-propylbenzene	11.298	91	984641	52.791	ug/l	100
79) 2-Chlorotoluene	11.359	91	580504	52.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	678149	53.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77554	61.211	ug/l	99
82) 4-Chlorotoluene	11.451	91	675805	53.174	ug/l	100
83) tert-Butylbenzene	11.713	119	704065	54.236	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	686276	54.020	ug/l	97
85) sec-Butylbenzene	11.890	105	868859	53.085	ug/l	99
86) p-Isopropyltoluene	12.006	119	730626	53.306	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	378343	52.505	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	382476	51.000	ug/l	99
89) n-Butylbenzene	12.329	91	679556	52.767	ug/l	99
90) Hexachloroethane	12.536	117	133002	54.739	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	364556	52.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	47729	64.157	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	251875	53.095	ug/l	99
94) Hexachlorobutadiene	13.719	225	94846	53.015	ug/l	98
95) Naphthalene	13.774	128	754921	60.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	245343	54.736	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

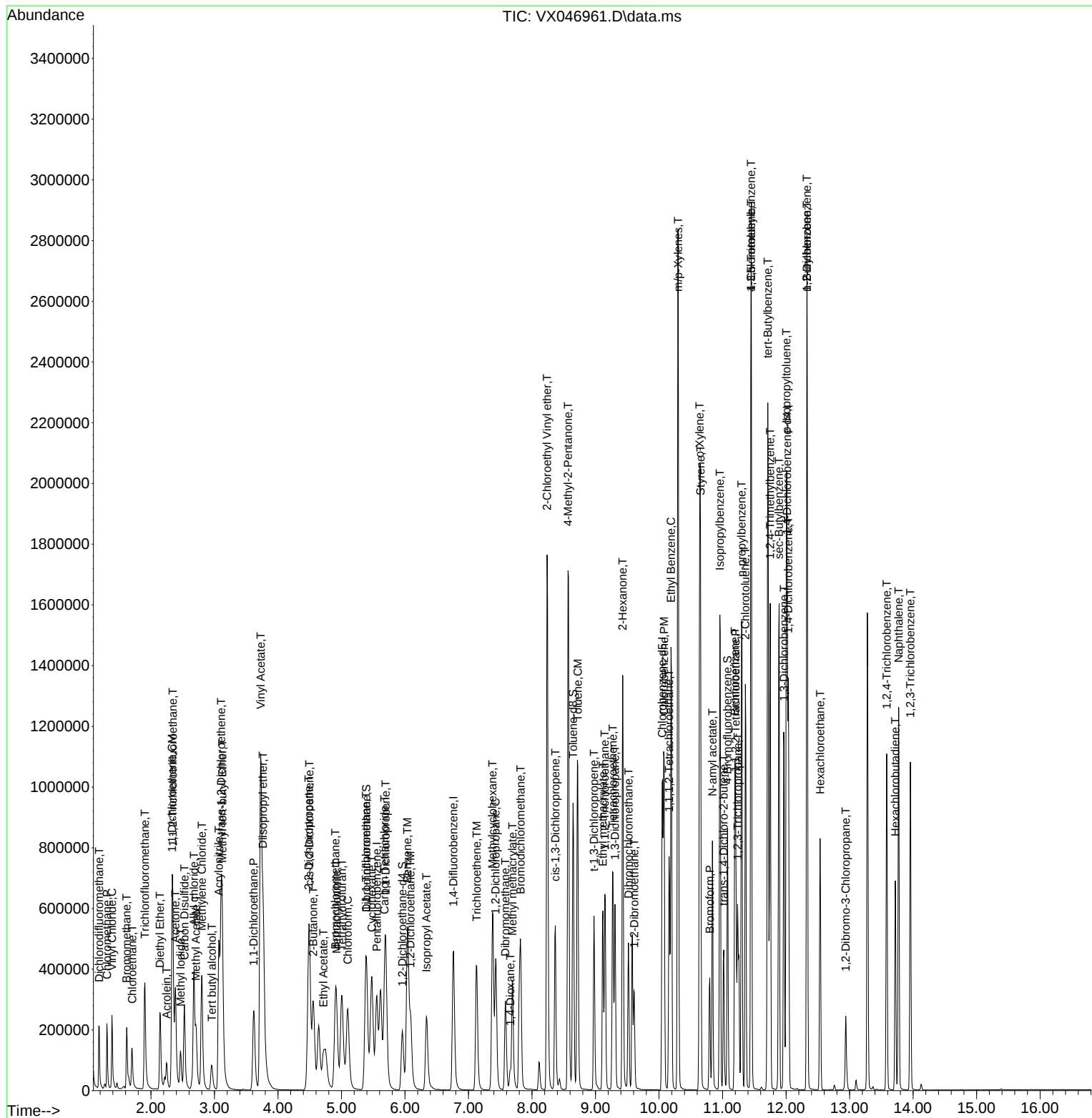
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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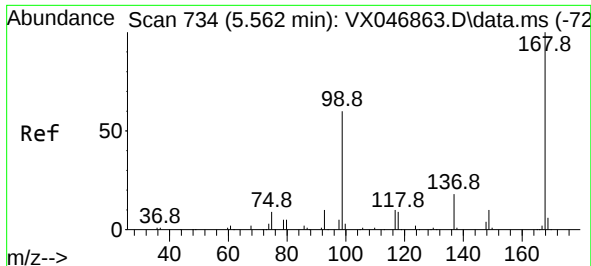
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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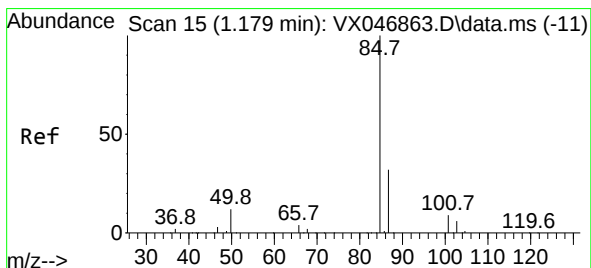
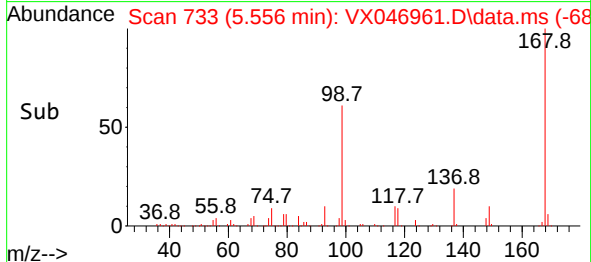
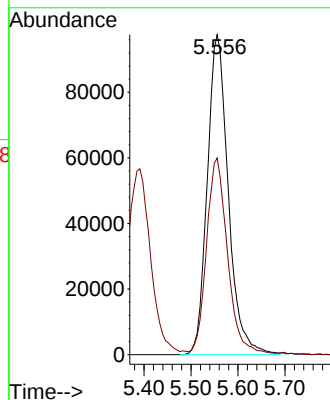
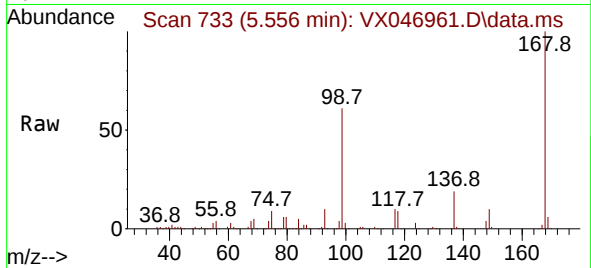




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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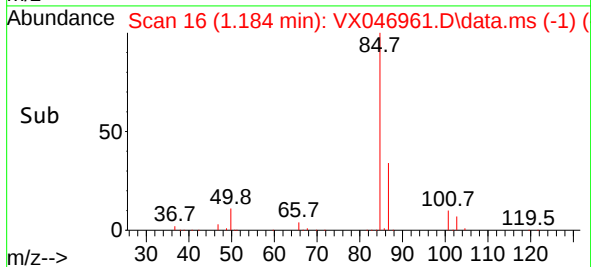
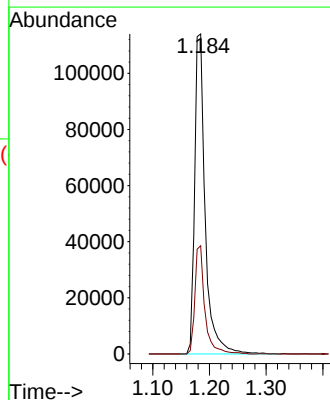
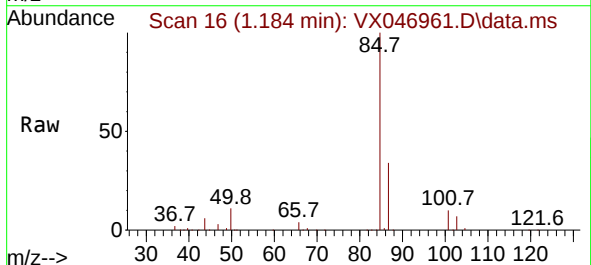
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

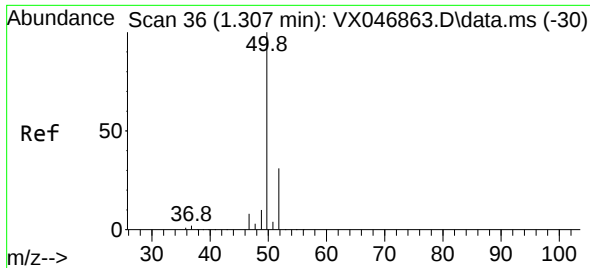
Tgt Ion:168 Resp: 302863
Ion Ratio Lower Upper
168 100
99 60.9 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 50.960 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 85 Resp: 147603
Ion Ratio Lower Upper
85 100
87 33.8 16.0 47.9

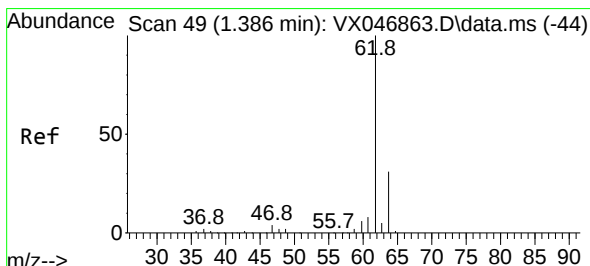
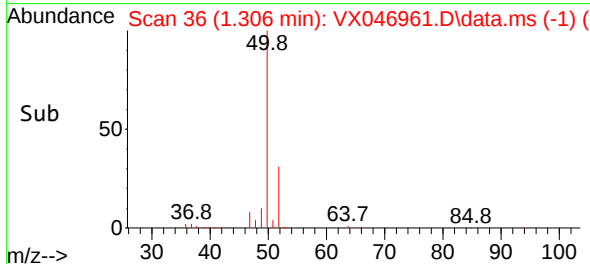
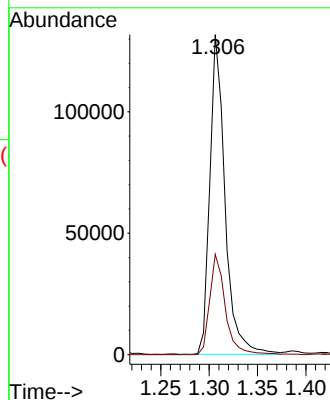
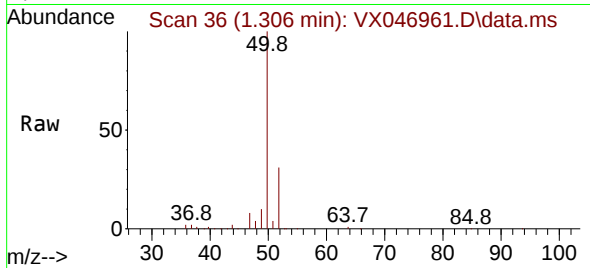




#3
Chloromethane
Concen: 45.634 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

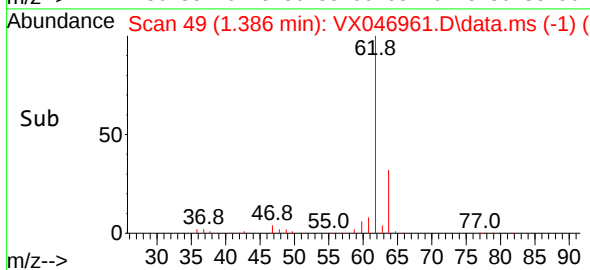
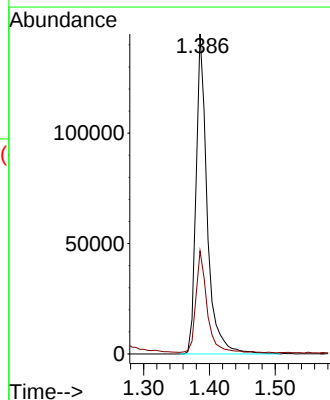
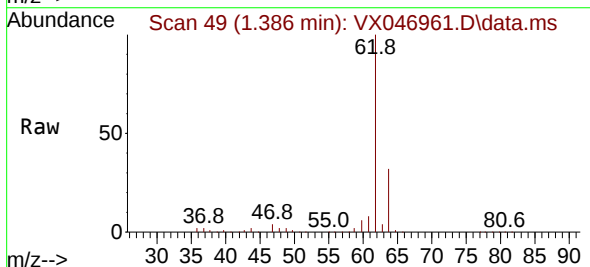
Instrument :
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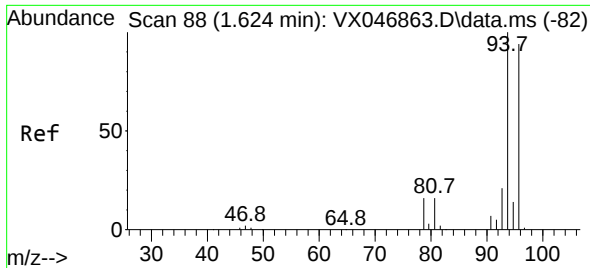
Tgt Ion: 50 Resp: 144411
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4



#4
Vinyl Chloride
Concen: 49.613 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 62 Resp: 170975
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4

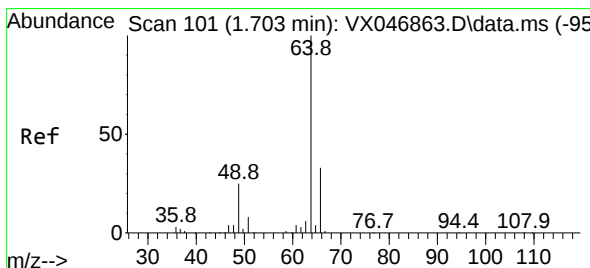
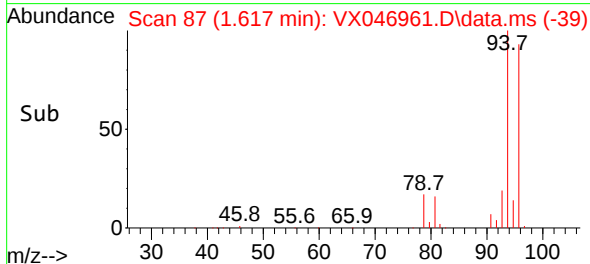
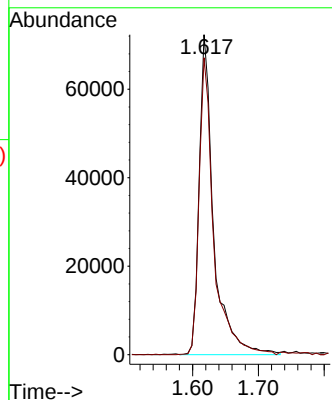
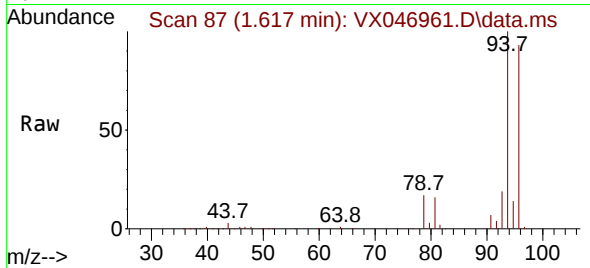




#5
Bromomethane
Concen: 49.866 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

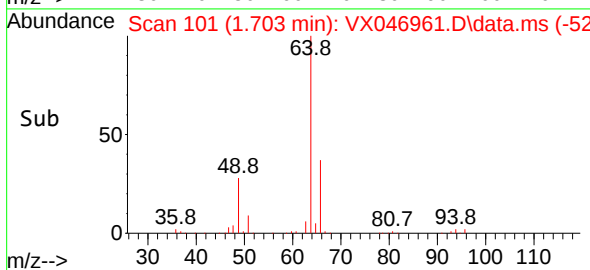
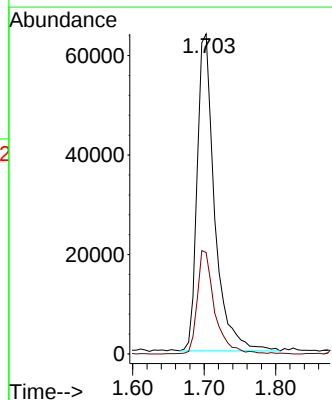
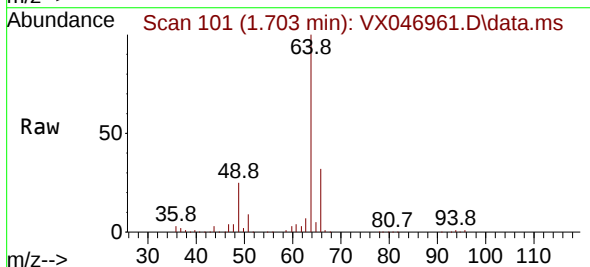
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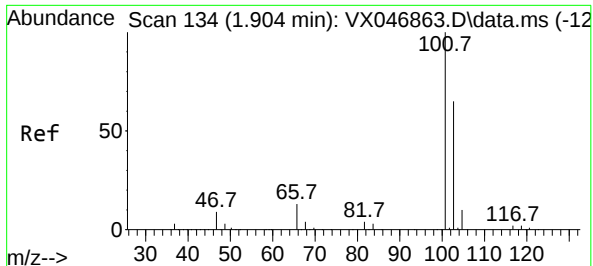
Tgt Ion: 94 Resp: 110416
Ion Ratio Lower Upper
94 100
96 92.7 75.5 113.3



#6
Chloroethane
Concen: 47.576 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046961.D
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Tgt Ion: 64 Resp: 108263
Ion Ratio Lower Upper
64 100
66 31.8 26.4 39.6

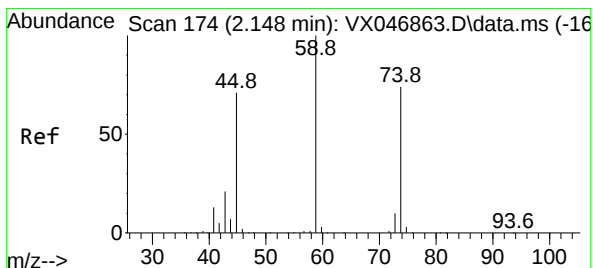
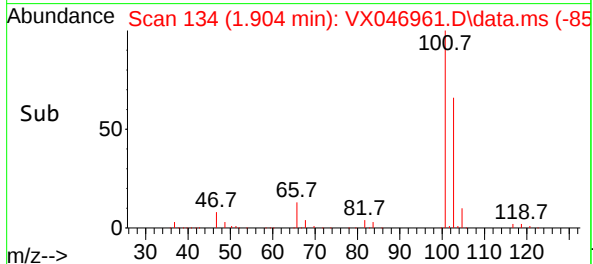
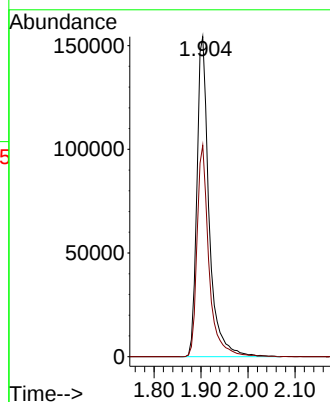
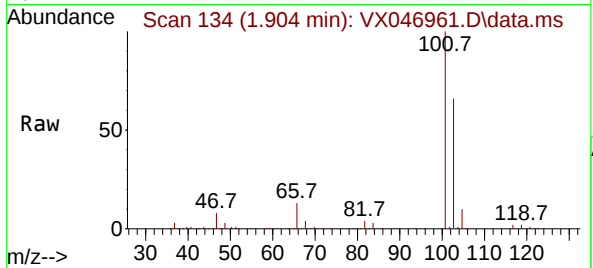




#7
 Trichlorofluoromethane
 Concen: 52.255 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

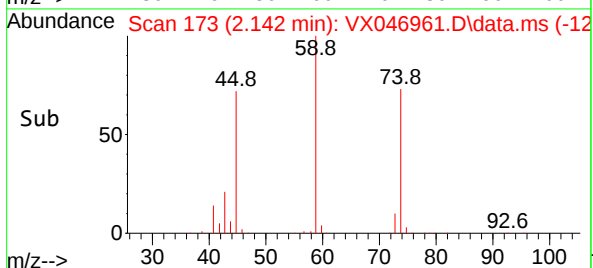
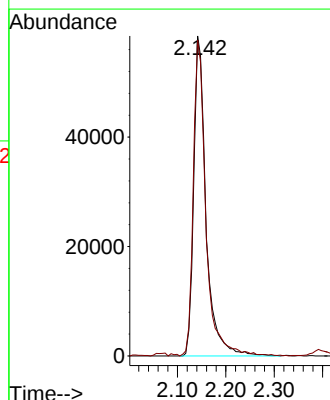
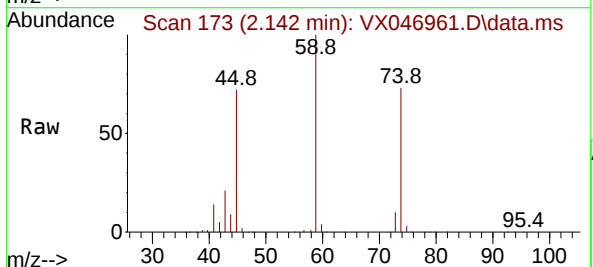
Instrument :
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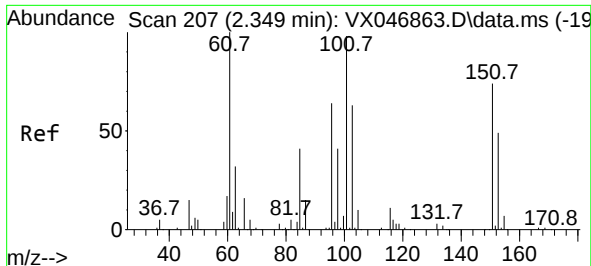
Tgt Ion:101 Resp: 278444
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 54.452 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

Tgt Ion: 74 Resp: 103256
 Ion Ratio Lower Upper
 74 100
 45 101.2 50.7 152.1

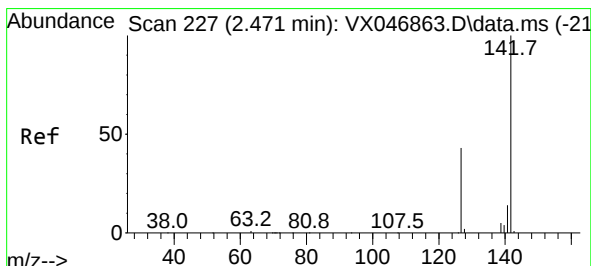
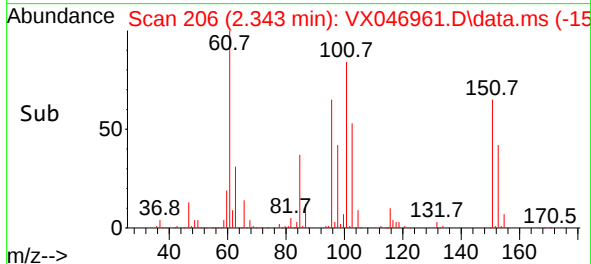
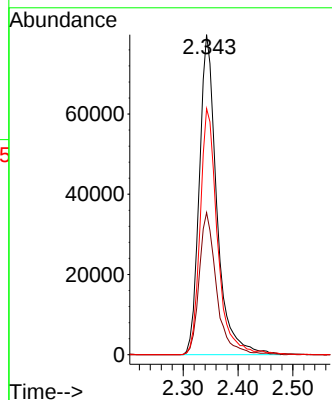
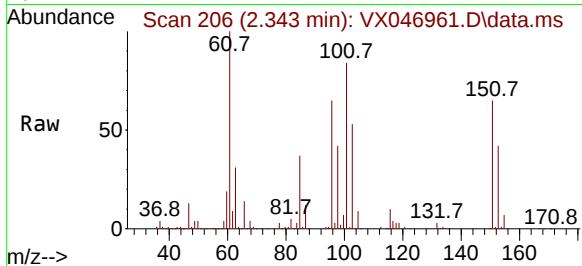




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.163 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

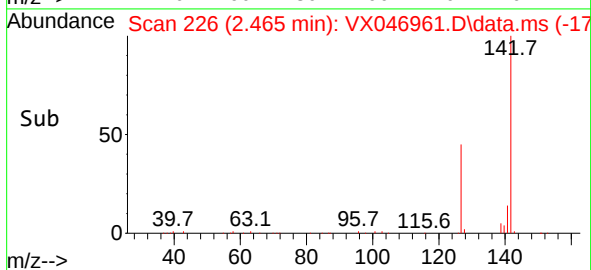
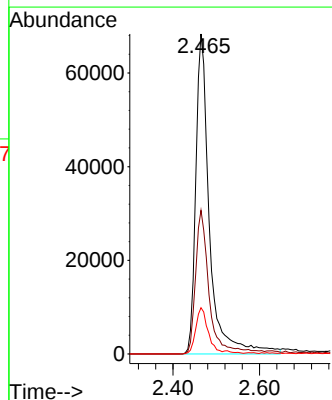
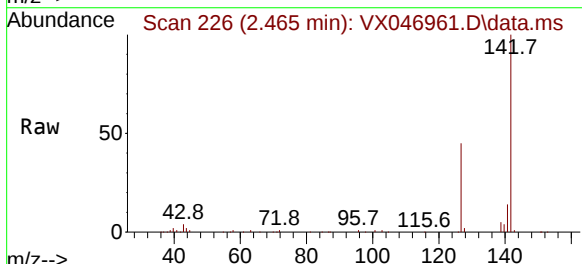
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

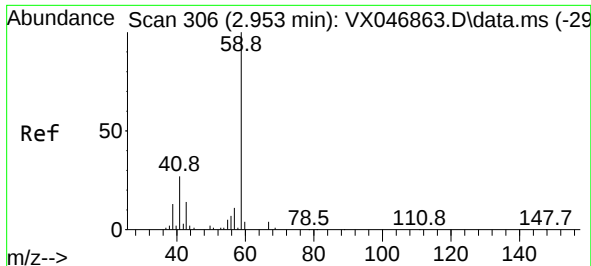
Tgt Ion:101 Resp: 177113
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 76.5 59.9 89.9



#10
Methyl Iodide
Concen: 40.609 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:142 Resp: 150217
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 13.7 11.1 16.7

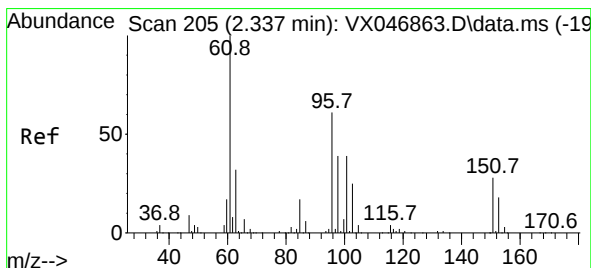
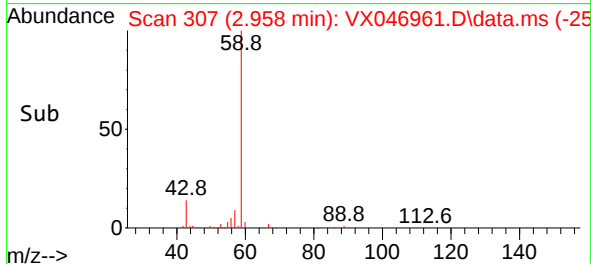
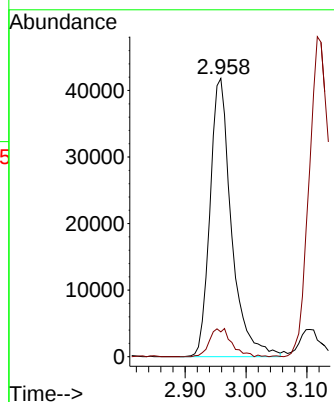
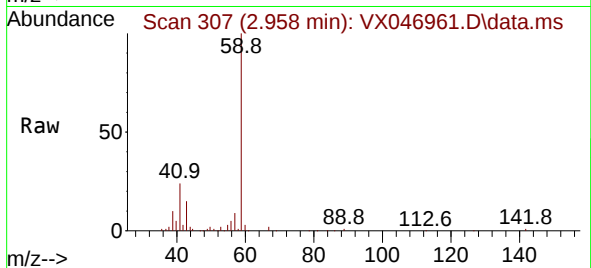




#11
Tert butyl alcohol
Concen: 390.182 ug/l
RT: 2.958 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

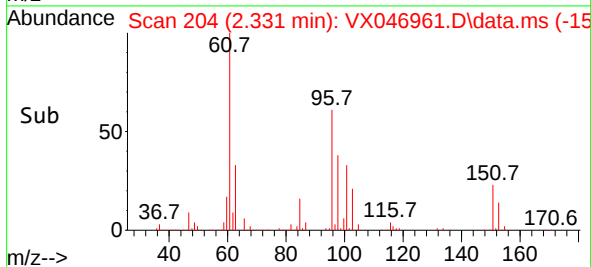
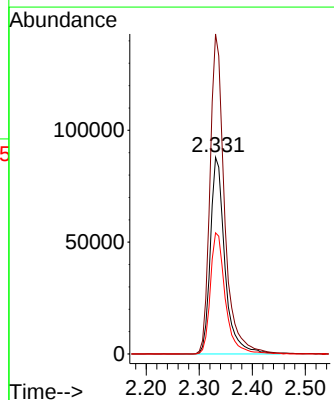
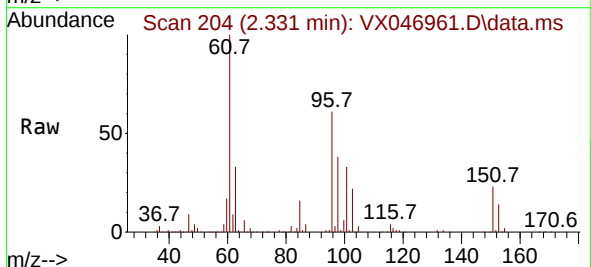
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

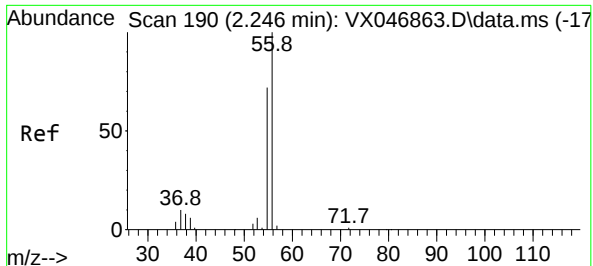
Tgt Ion: 59 Resp: 102389
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.020 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 96 Resp: 167555
Ion Ratio Lower Upper
96 100
61 162.7 130.2 195.4
98 61.6 51.3 76.9

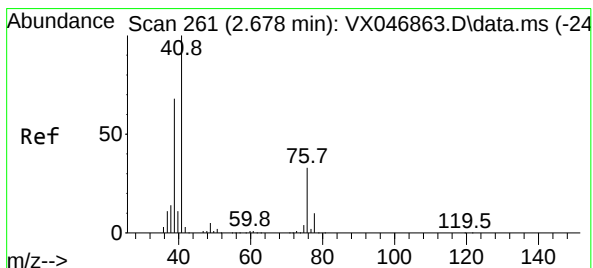
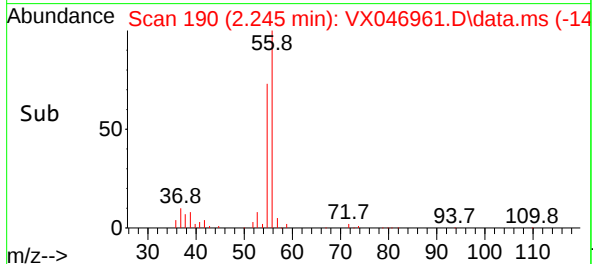
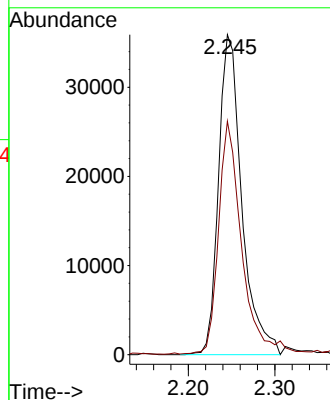
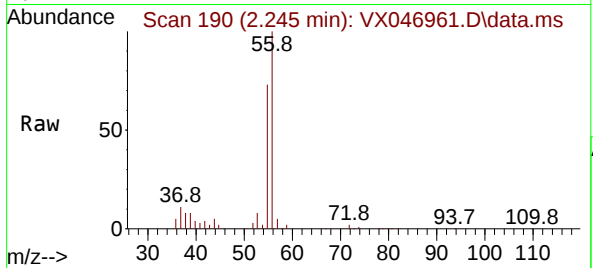




#13
Acrolein
Concen: 230.897 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

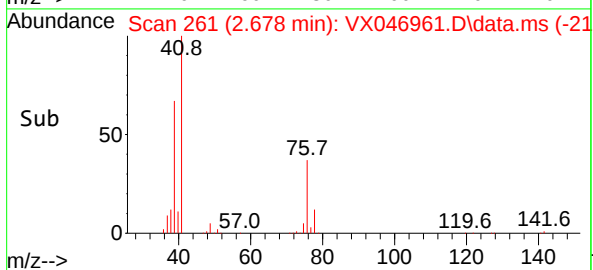
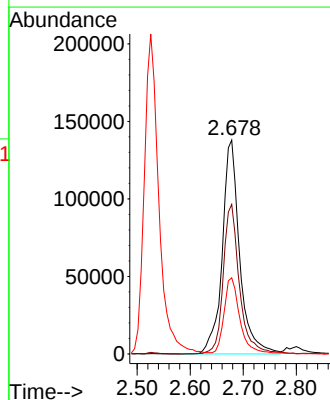
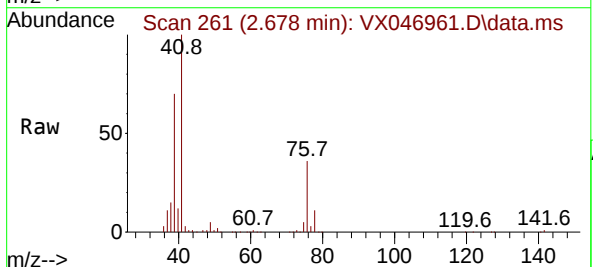
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

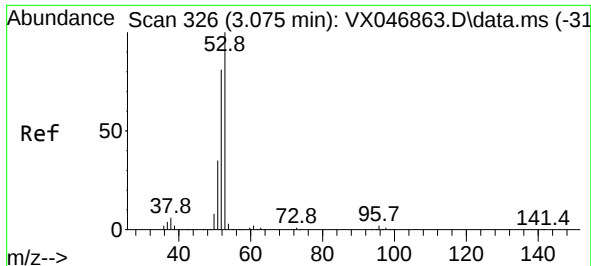
Tgt Ion: 56 Resp: 66890
Ion Ratio Lower Upper
56 100
55 72.5 55.5 83.3



#14
Allyl chloride
Concen: 53.830 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 41 Resp: 314746
Ion Ratio Lower Upper
41 100
39 65.4 52.0 78.0
76 32.3 26.2 39.2

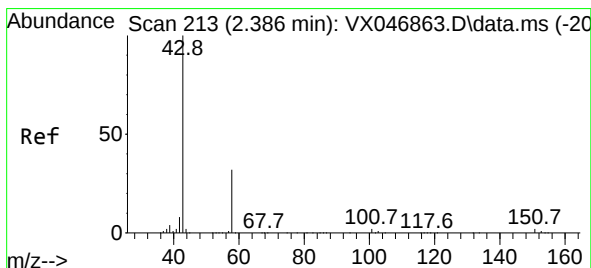
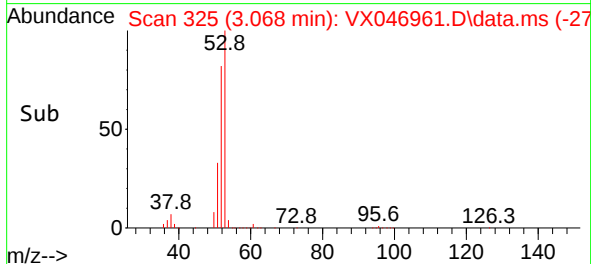
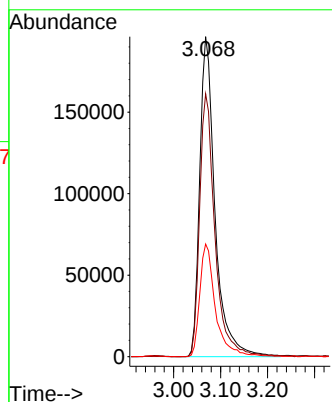
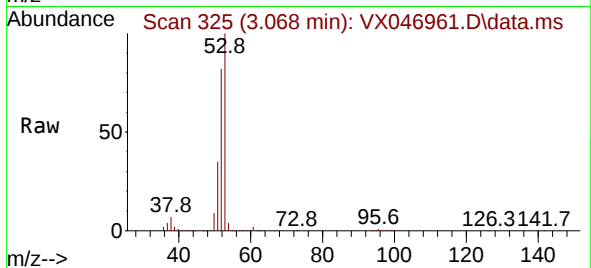




#15
Acrylonitrile
Concen: 294.614 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

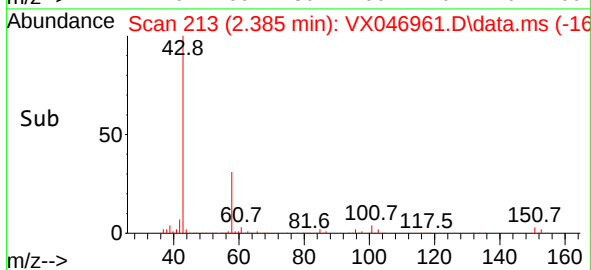
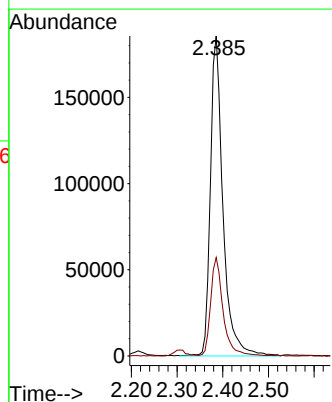
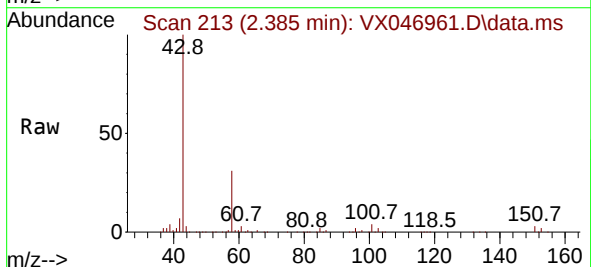
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

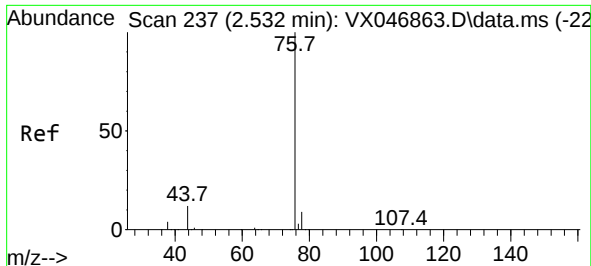
Tgt Ion: 53 Resp: 446983
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.1 28.6 43.0



#16
Acetone
Concen: 285.701 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 43 Resp: 355078
Ion Ratio Lower Upper
43 100
58 30.7 25.8 38.6

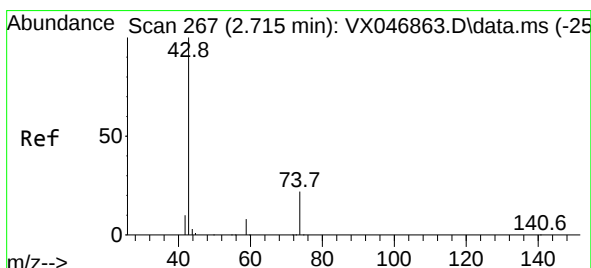
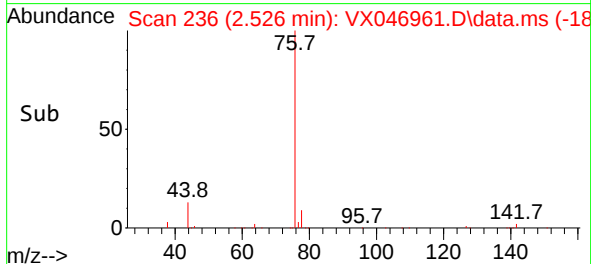
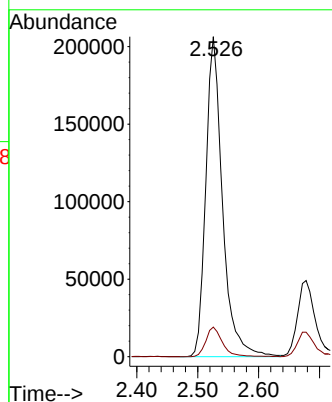
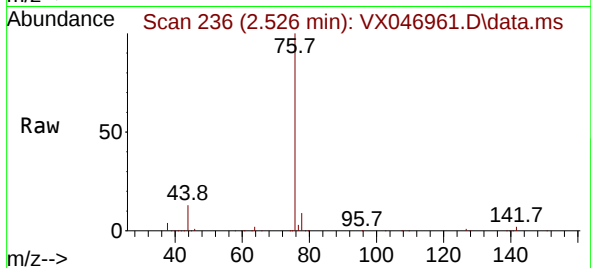




#17
Carbon Disulfide
Concen: 45.650 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

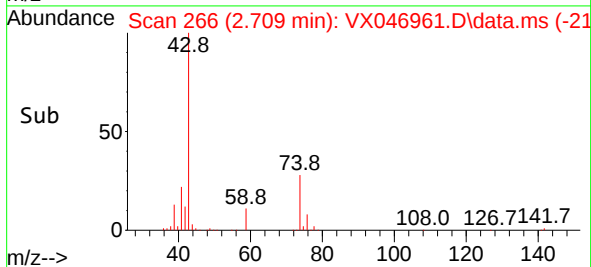
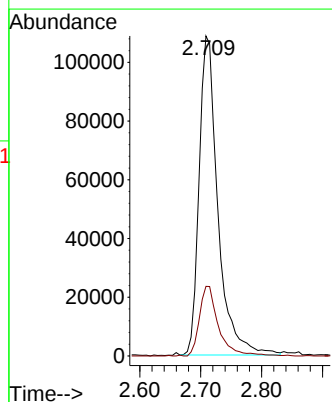
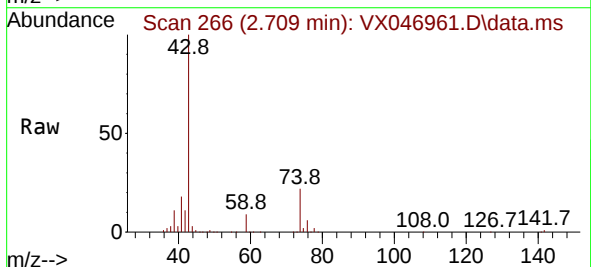
Instrument :
MSVOA_X
ClientSampleId :
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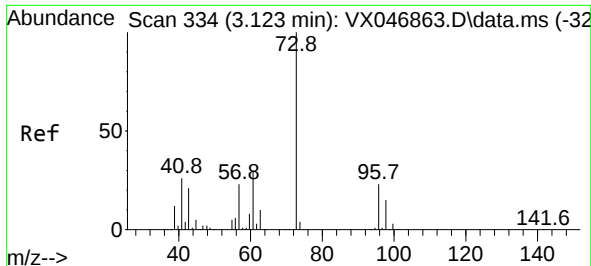
Tgt Ion: 76 Resp: 393167
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 71.131 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 43 Resp: 233009
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5

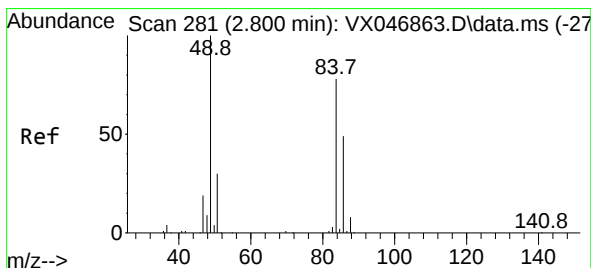
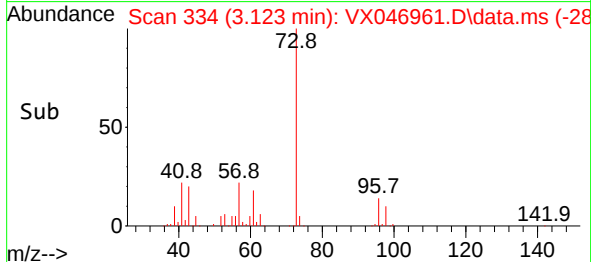
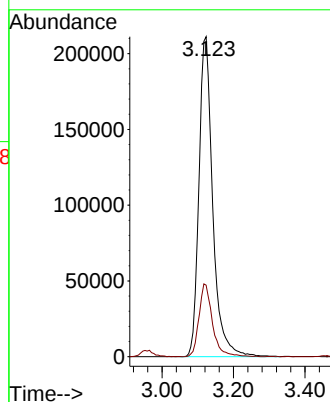
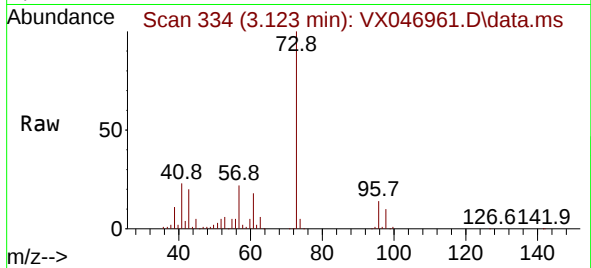




#19
Methyl tert-butyl Ether
Concen: 60.996 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

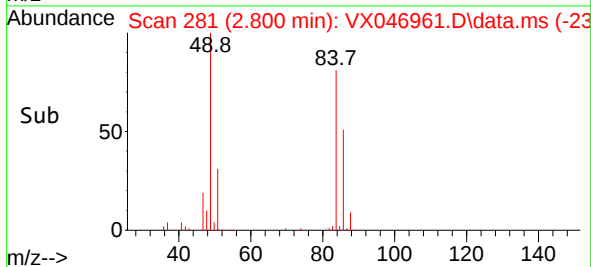
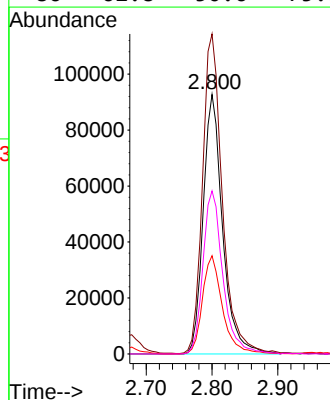
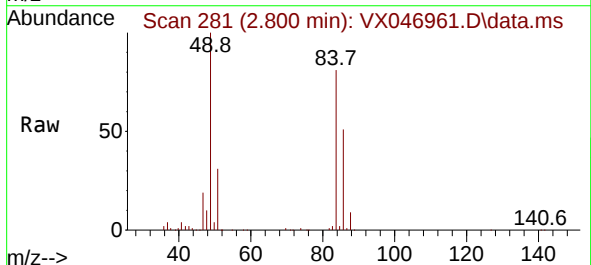
Instrument :
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ClientSampleId :
VSTDCCC050

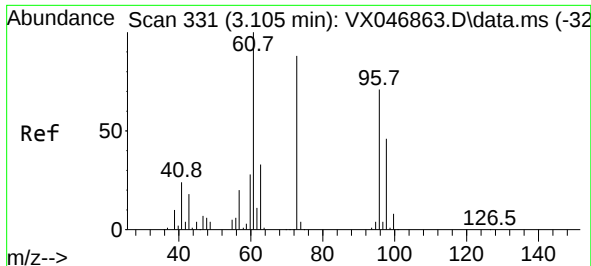
Tgt Ion: 73 Resp: 565691
Ion Ratio Lower Upper
73 100
57 22.4 18.6 28.0



#20
Methylene Chloride
Concen: 51.825 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 84 Resp: 190463
Ion Ratio Lower Upper
84 100
49 123.1 102.8 154.2
51 37.9 31.1 46.7
86 62.8 50.6 75.8

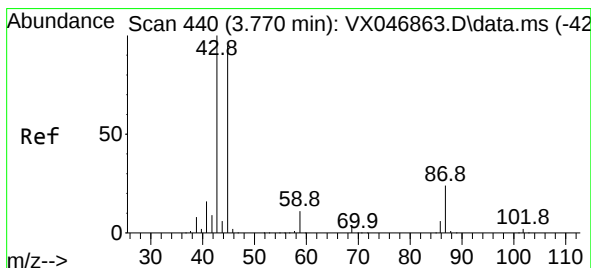
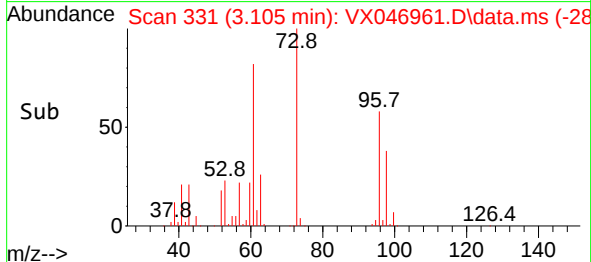
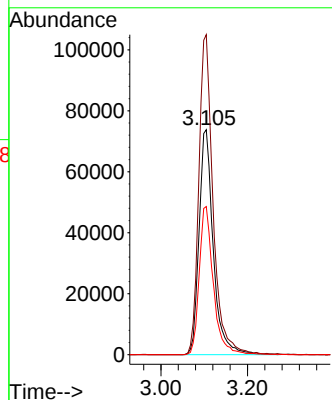
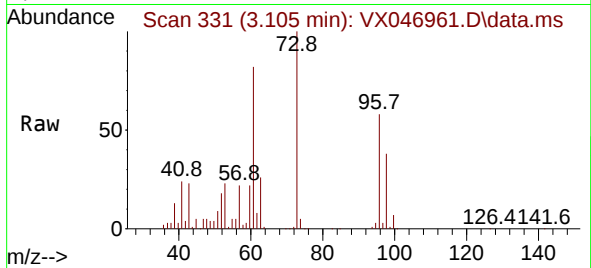




#21
trans-1,2-Dichloroethene
Concen: 50.206 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

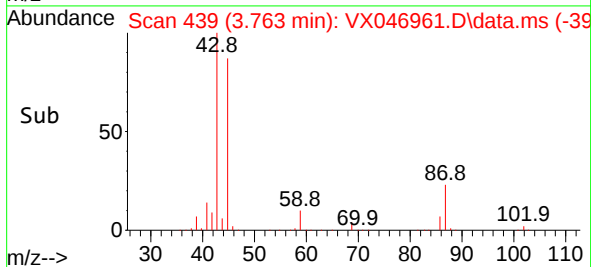
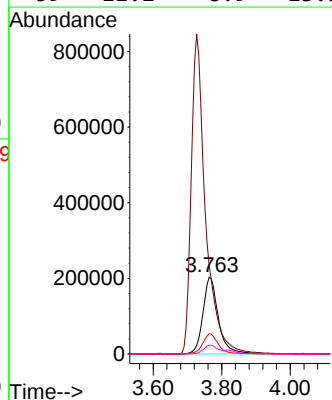
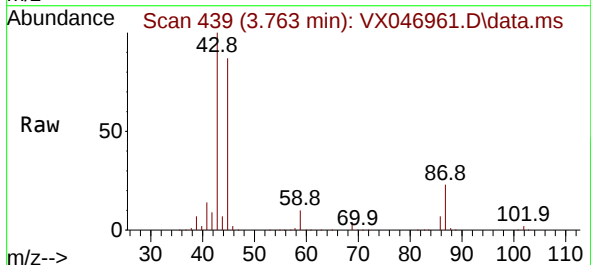
Instrument :
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ClientSampleId :
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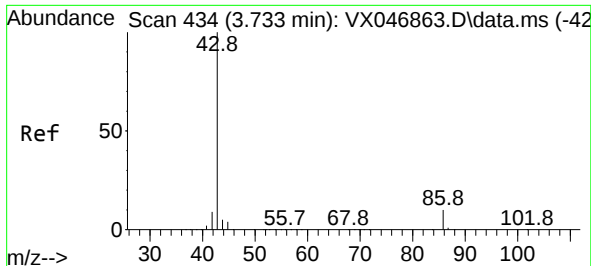
Tgt Ion: 96 Resp: 168719
Ion Ratio Lower Upper
96 100
61 142.3 113.4 170.2
98 65.9 51.8 77.6



#22
Diisopropyl ether
Concen: 56.362 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 45 Resp: 636672
Ion Ratio Lower Upper
45 100
43 115.1 84.2 126.4
87 26.3 20.3 30.5
59 11.2 8.9 13.3

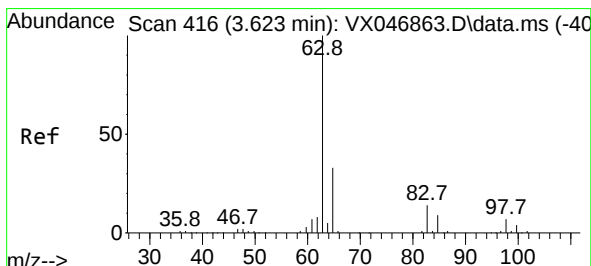
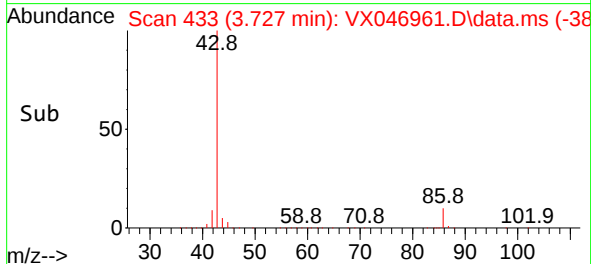
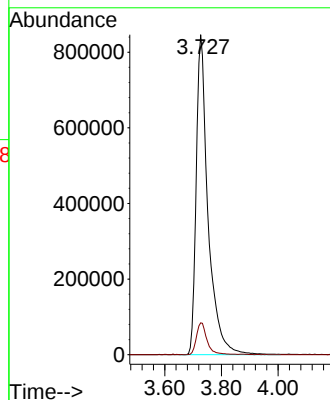
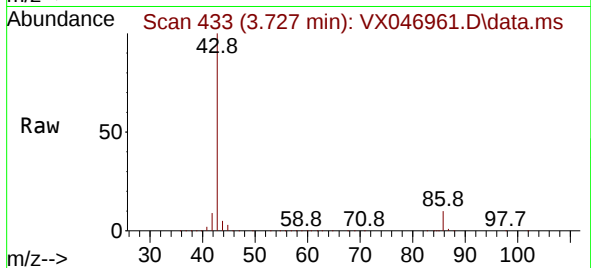




#23
 Vinyl Acetate
 Concen: 290.428 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

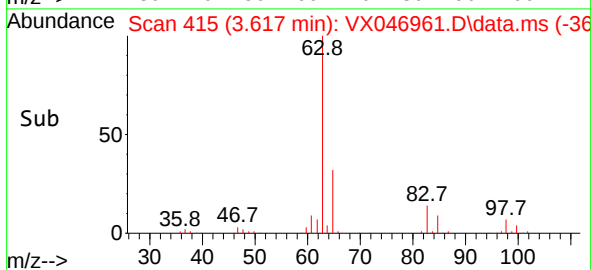
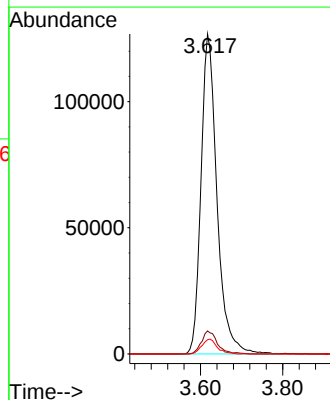
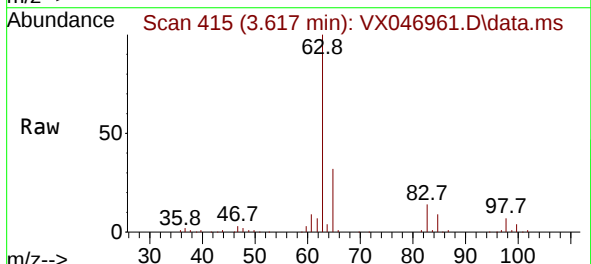
Instrument :
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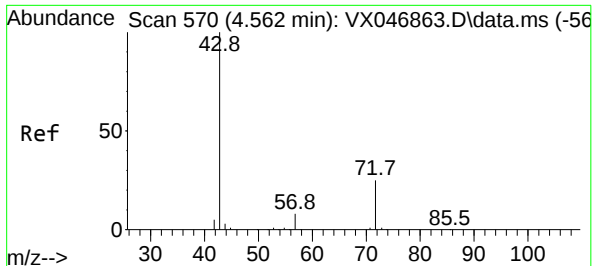
Tgt Ion: 43 Resp: 2457841
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 52.993 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

Tgt Ion: 63 Resp: 341398
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.4 2.3 6.9

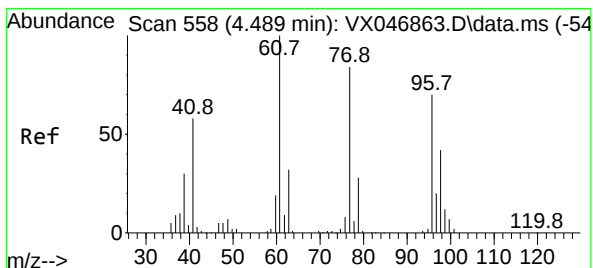
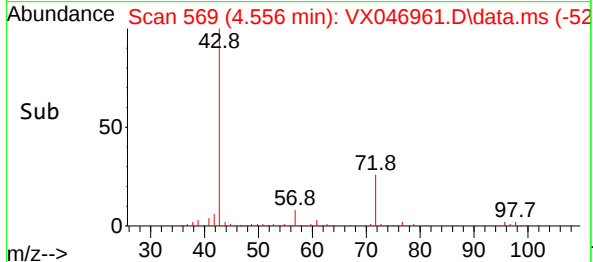
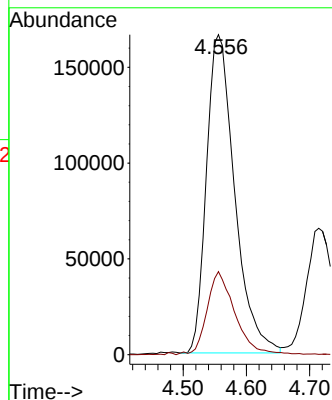
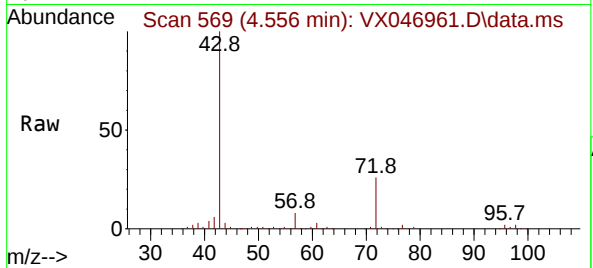




#25
2-Butanone
Concen: 310.834 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

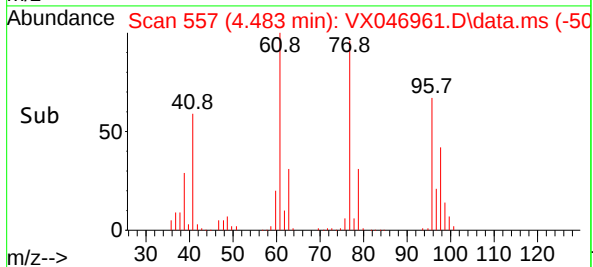
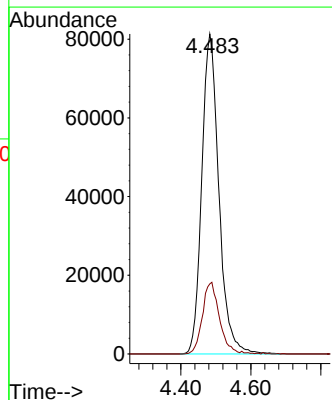
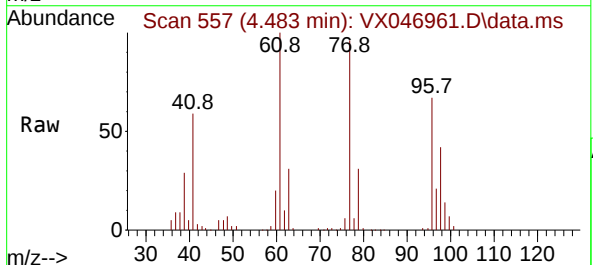
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

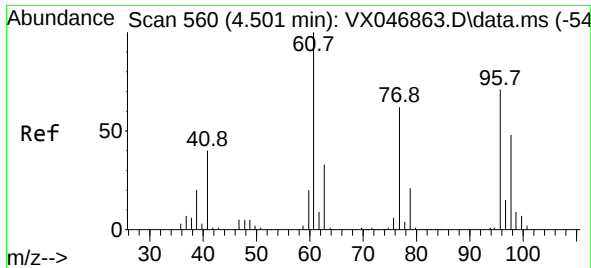
Tgt Ion: 43 Resp: 515414
Ion Ratio Lower Upper
43 100
72 25.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 57.548 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 77 Resp: 275917
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5

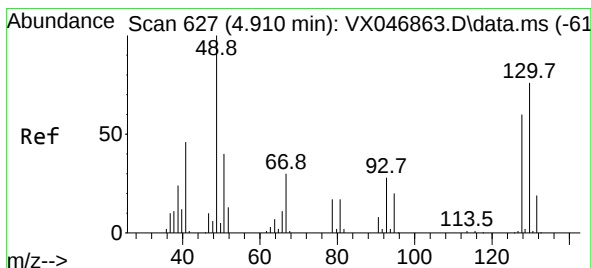
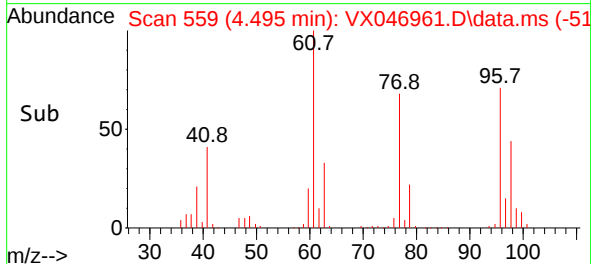
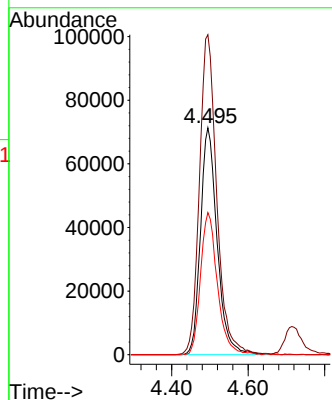
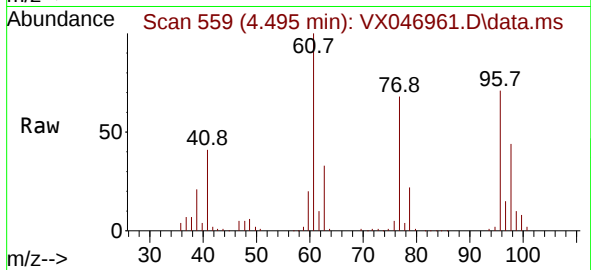




#27
 cis-1,2-Dichloroethene
 Concen: 52.571 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

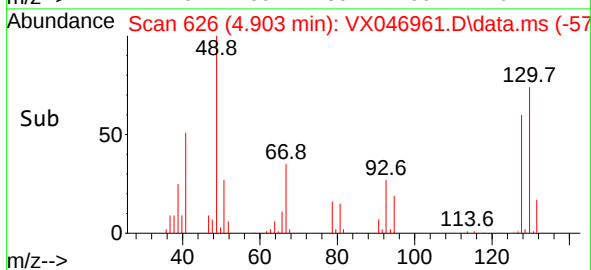
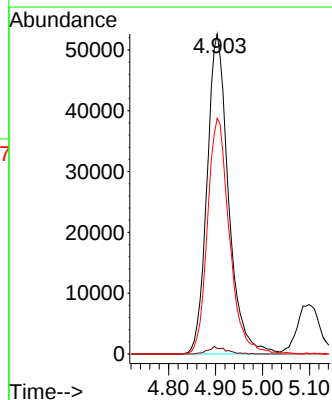
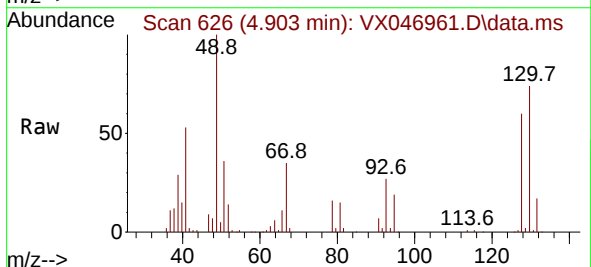
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

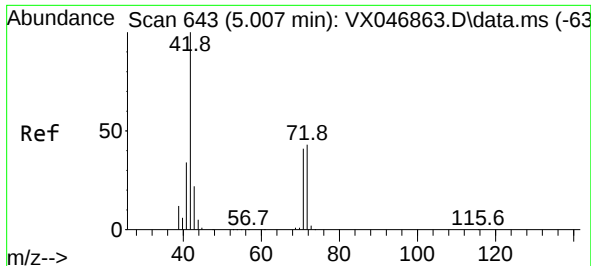
Tgt Ion: 96 Resp: 215696
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 288.6
 98 63.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.488 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

Tgt Ion: 49 Resp: 166884
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 75.2 61.7 92.5





#29

Tetrahydrofuran

Concen: 314.945 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

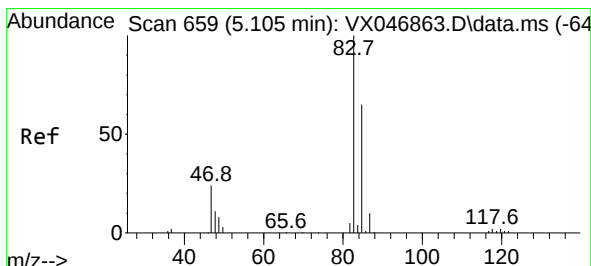
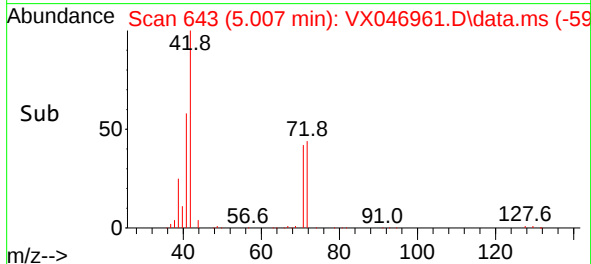
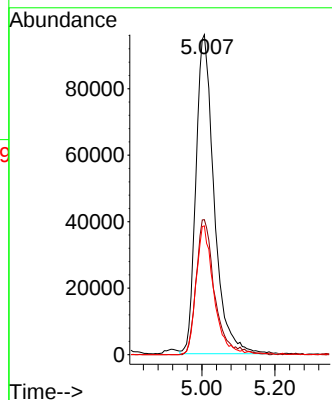
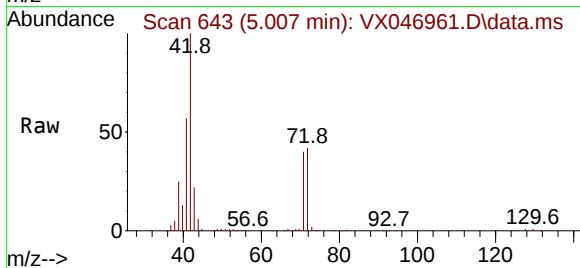
Tgt Ion: 42 Resp: 332902

Ion Ratio Lower Upper

42 100

72 43.1 35.1 52.7

71 39.5 31.9 47.9



#30

Chloroform

Concen: 52.487 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046961.D

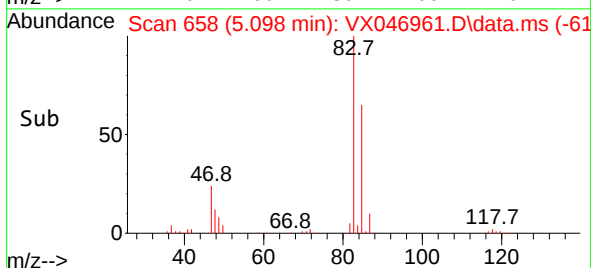
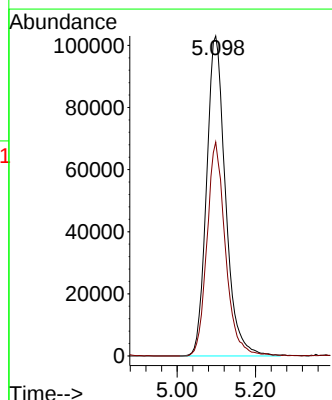
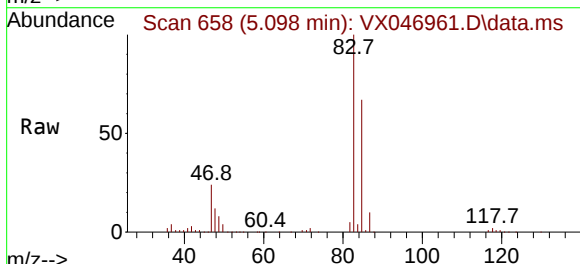
Acq: 14 Jul 2025 09:16

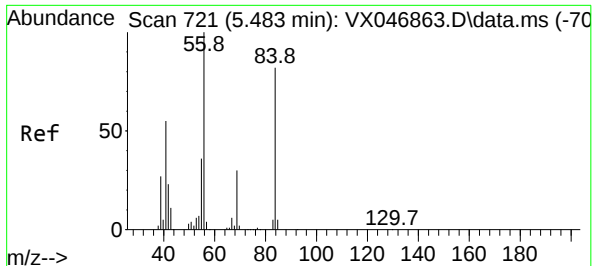
Tgt Ion: 83 Resp: 345455

Ion Ratio Lower Upper

83 100

85 66.9 51.8 77.8

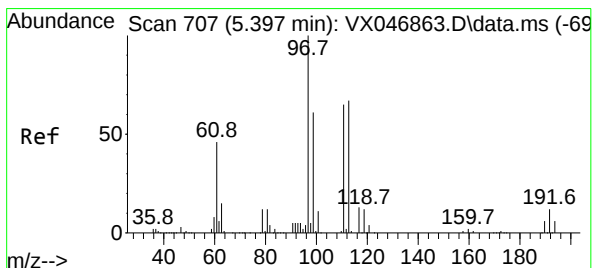
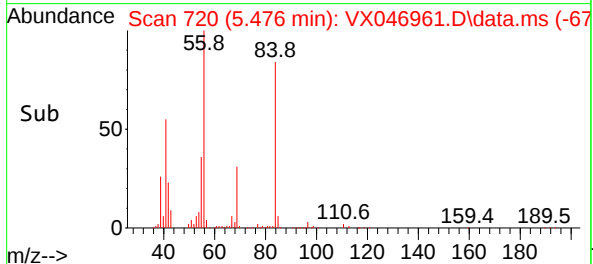
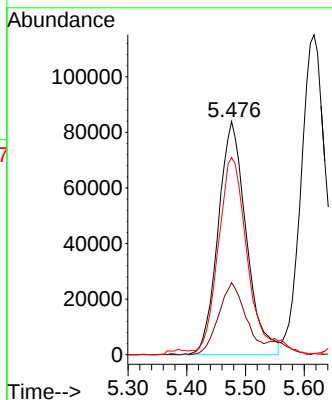
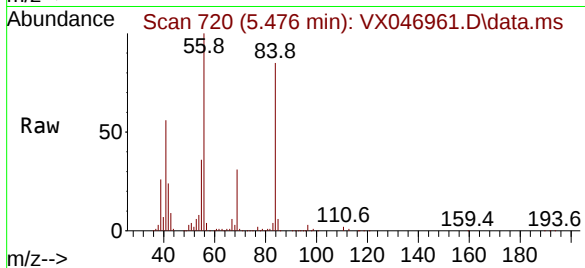




#31
Cyclohexane
Concen: 48.675 ug/l
RT: 5.476 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

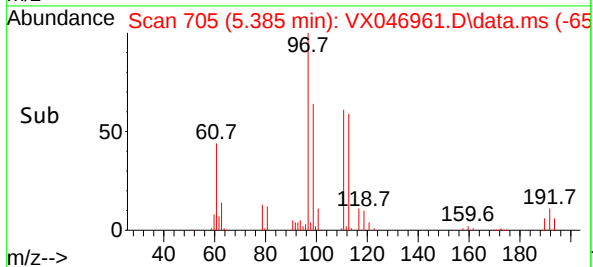
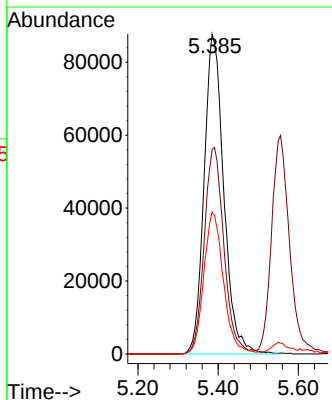
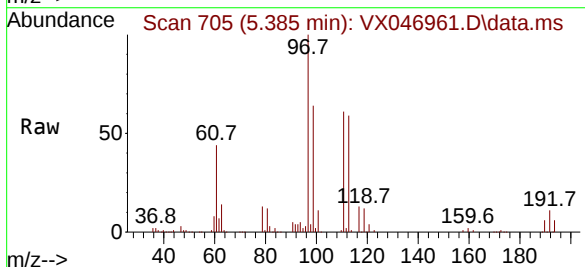
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

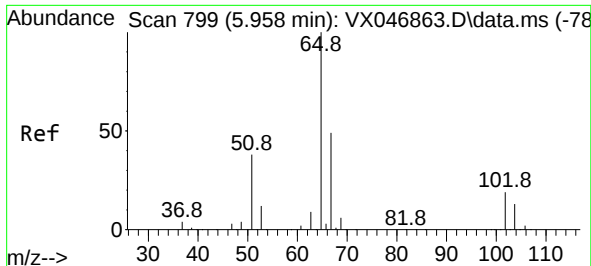
Tgt Ion: 56 Resp: 278385
Ion Ratio Lower Upper
56 100
69 30.4 24.0 36.0
84 82.2 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 54.360 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.013 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 97 Resp: 298910
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 44.4 36.3 54.5

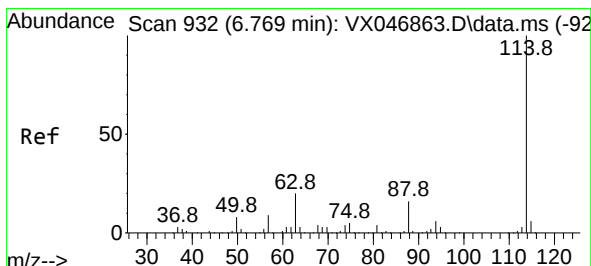
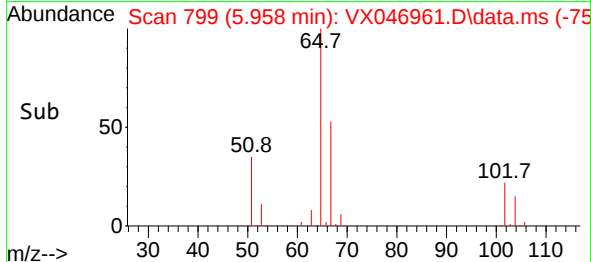
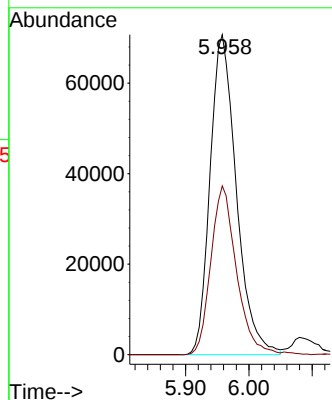
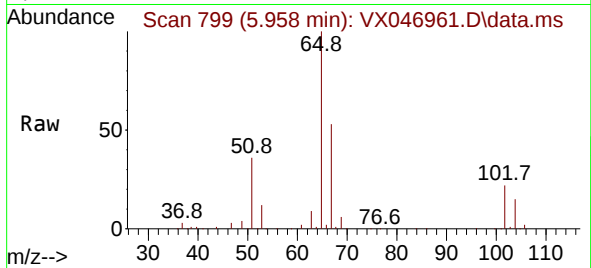




#33
1,2-Dichloroethane-d4
Concen: 51.007 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

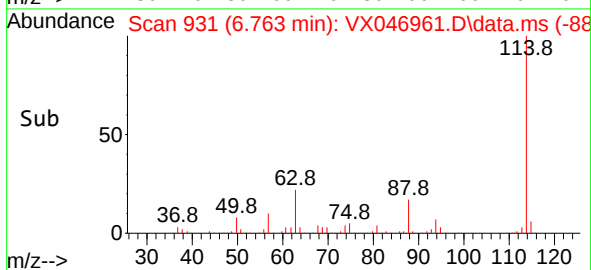
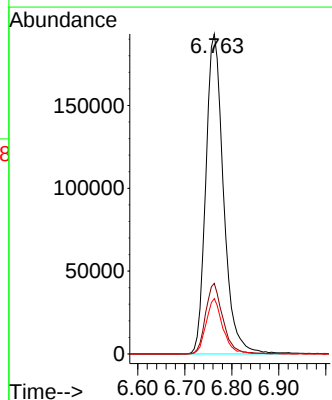
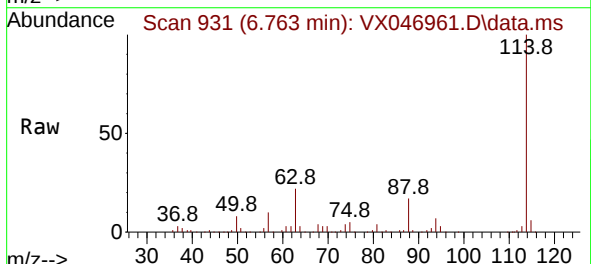
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

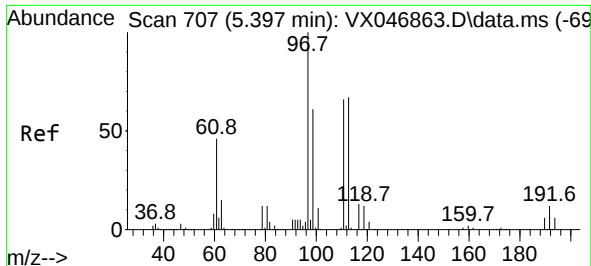
Tgt Ion: 65 Resp: 204085
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 114 Resp: 503750
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.4
88 17.3 0.0 31.0

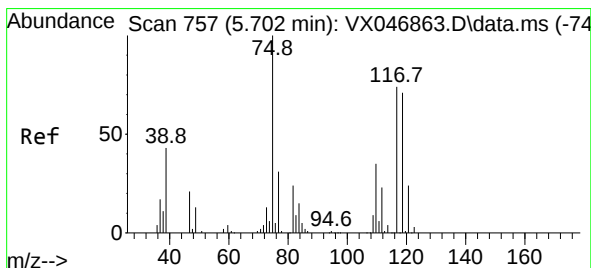
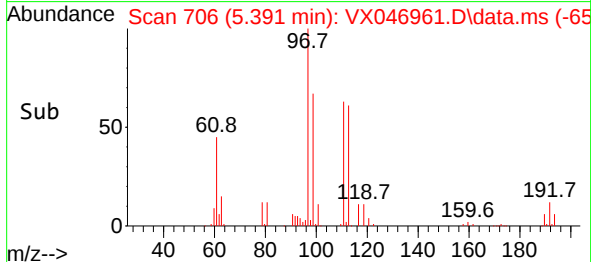
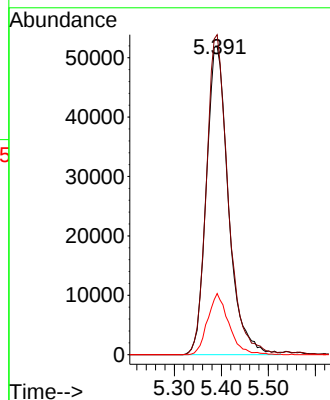
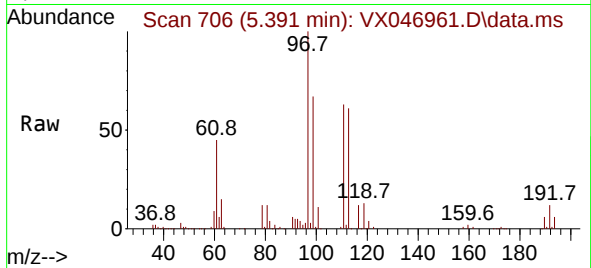




#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

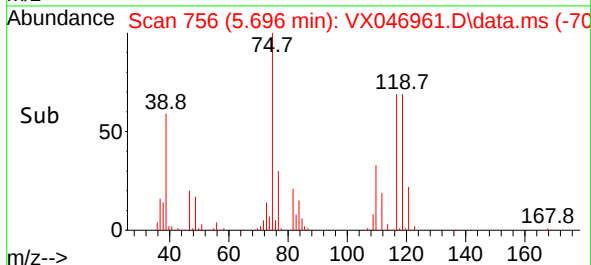
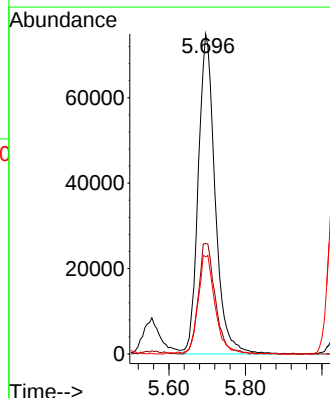
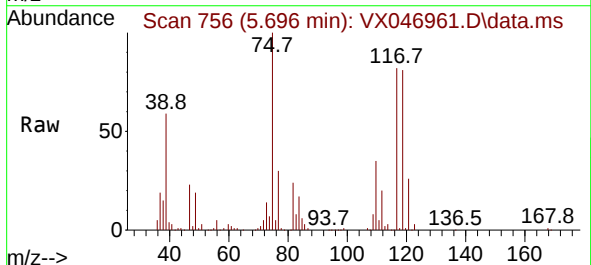
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

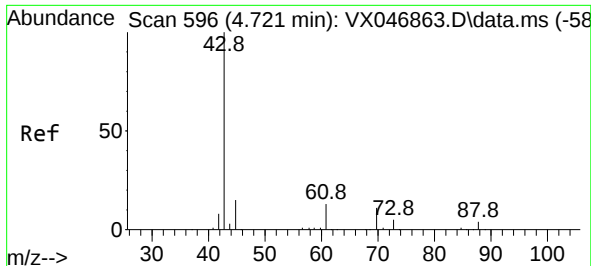
Tgt Ion:113 Resp: 169374
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.2 15.3 22.9



#36
1,1-Dichloropropene
Concen: 49.651 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 75 Resp: 229070
Ion Ratio Lower Upper
75 100
110 34.9 17.3 51.9
77 31.1 24.2 36.4

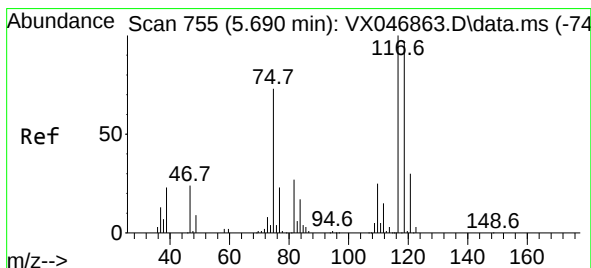
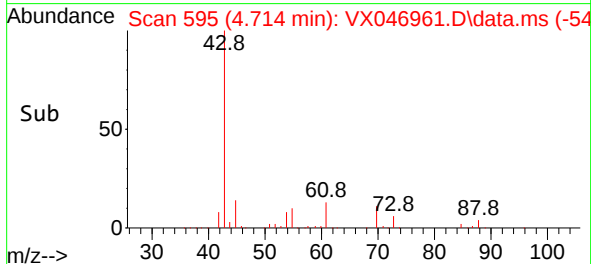
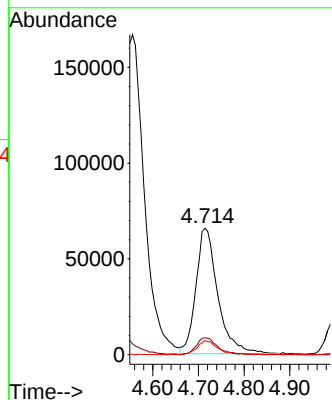
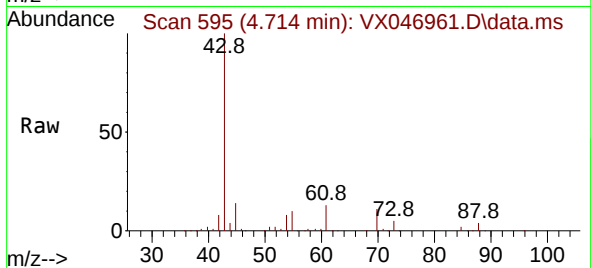




#37
Ethyl Acetate
Concen: 55.543 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

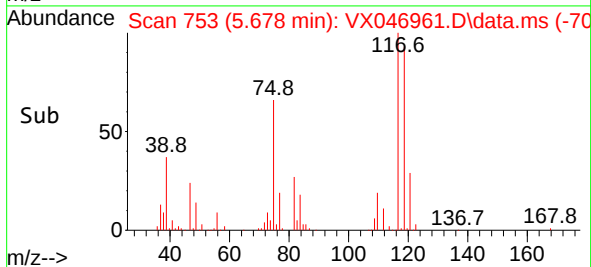
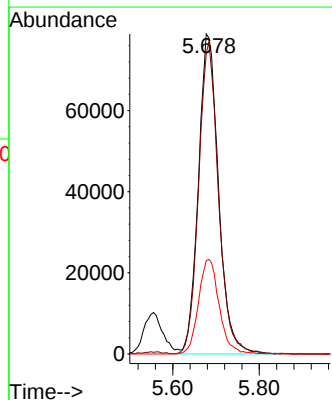
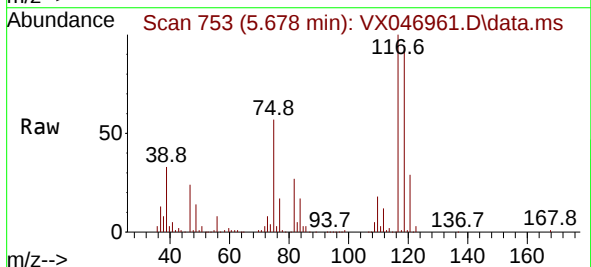
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

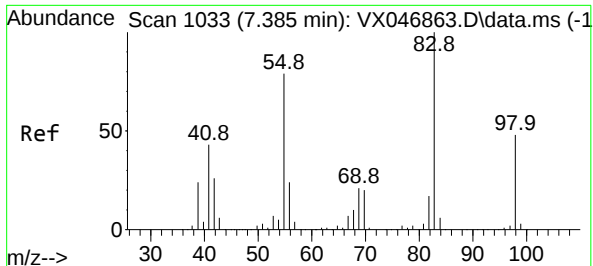
Tgt Ion: 43 Resp: 218254
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 10.4 8.3 12.5



#38
Carbon Tetrachloride
Concen: 52.305 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.013 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 117 Resp: 255121
Ion Ratio Lower Upper
117 100
119 93.8 76.6 114.8
121 29.2 24.1 36.1





#39

Methylcyclohexane

Concen: 48.528 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

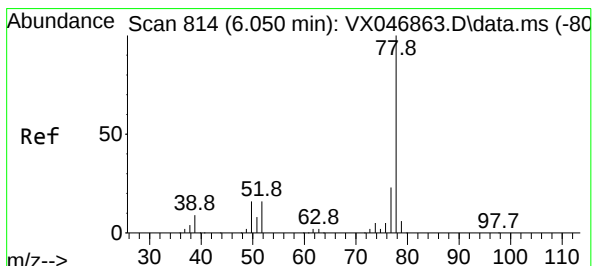
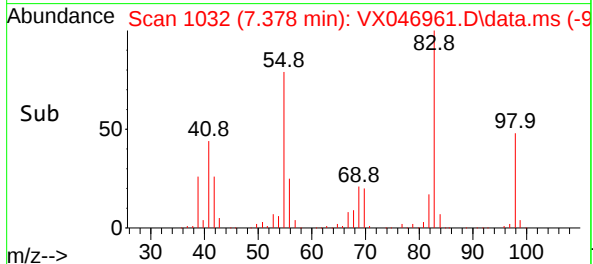
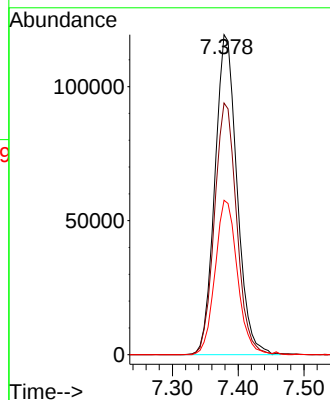
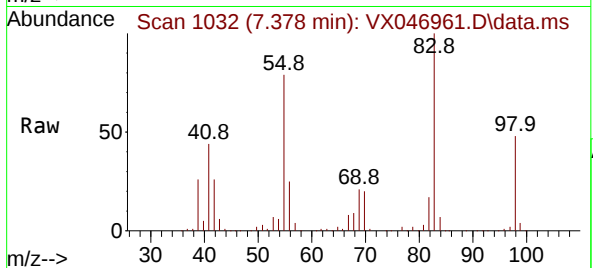
Tgt Ion: 83 Resp: 280065

Ion Ratio Lower Upper

83 100

55 78.6 63.0 94.4

98 48.3 38.5 57.7



#40

Benzene

Concen: 50.208 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.013 min

Lab File: VX046961.D

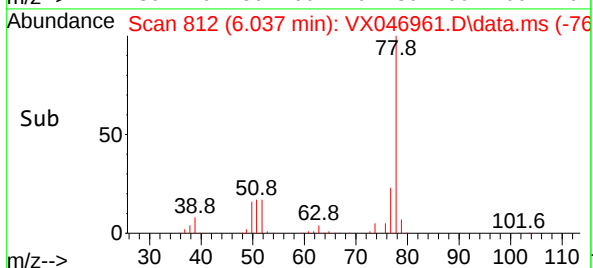
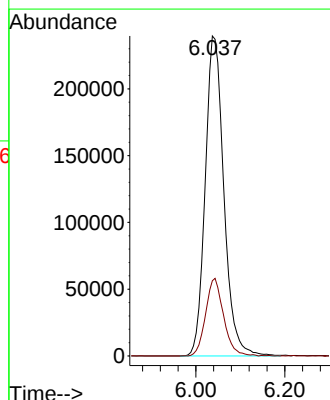
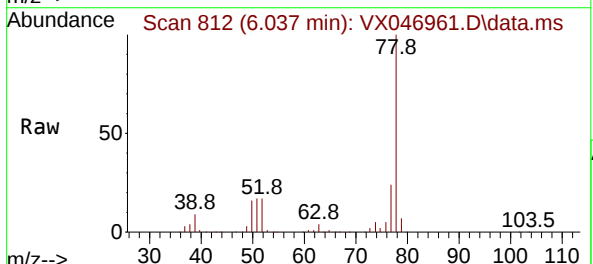
Acq: 14 Jul 2025 09:16

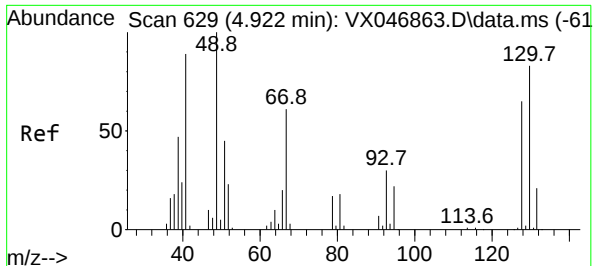
Tgt Ion: 78 Resp: 700628

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1



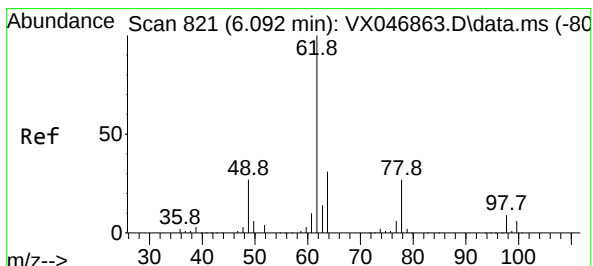
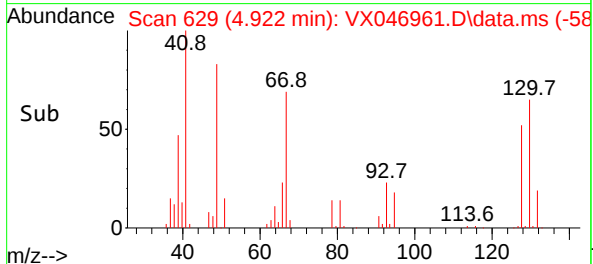
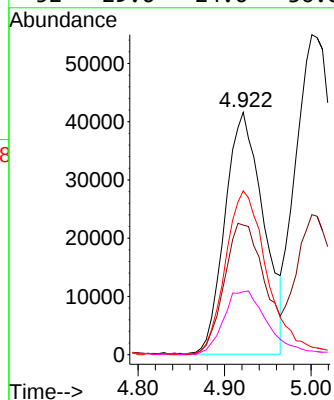
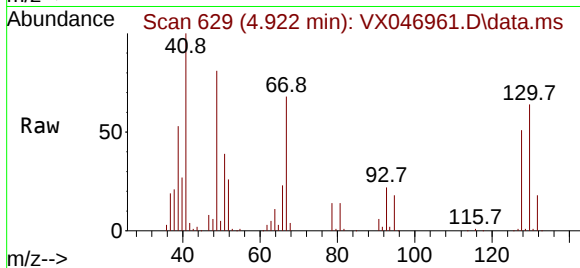


#41
Methacrylonitrile
Concen: 61.297 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 128489

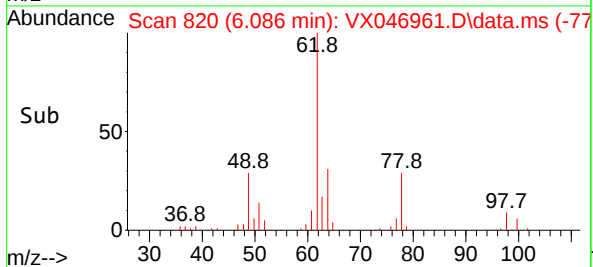
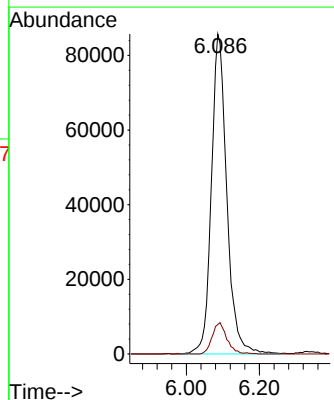
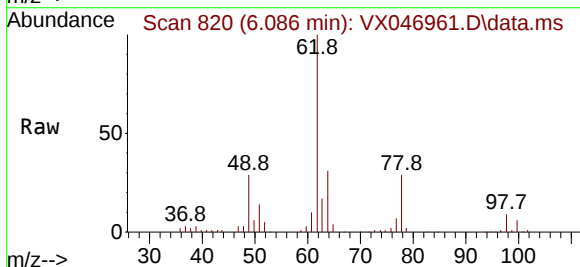
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.0	64.4
67	74.7	60.2	90.2
52	29.6	24.6	36.8

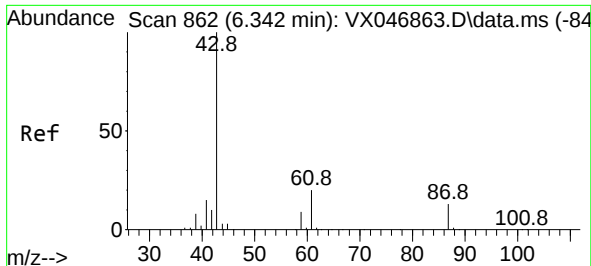


#42
1,2-Dichloroethane
Concen: 52.857 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 62 Resp: 250462

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4

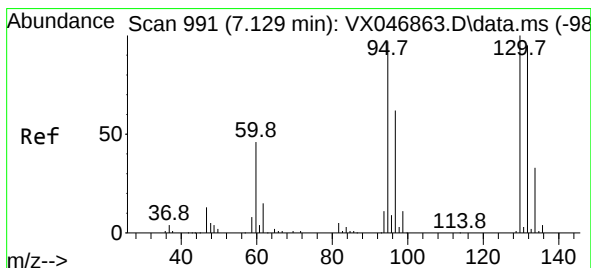
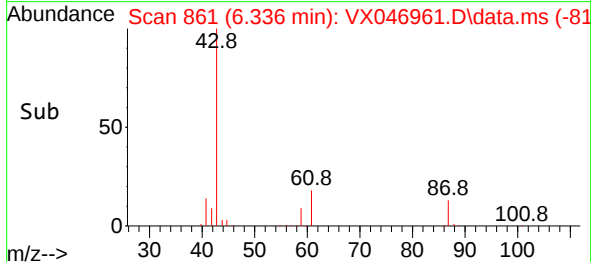
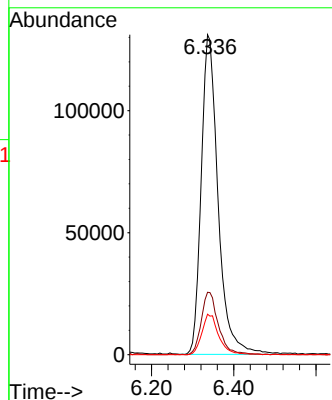
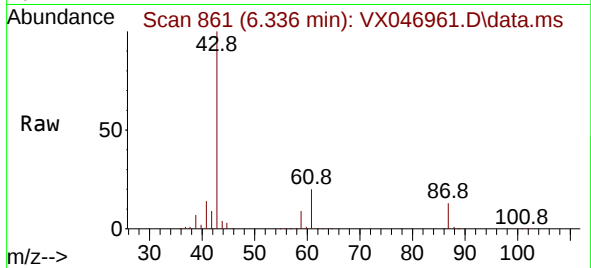




#43
Isopropyl Acetate
Concen: 61.850 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

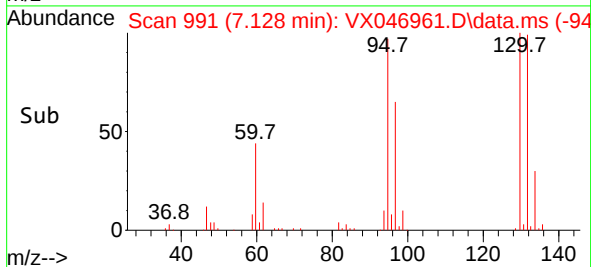
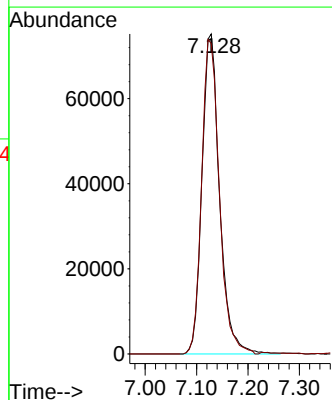
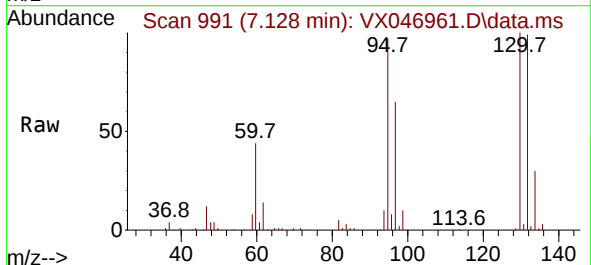
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 372260
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 12.6 10.1 15.1



#44
Trichloroethene
Concen: 49.245 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:130 Resp: 178886
Ion Ratio Lower Upper
130 100
95 97.0 0.0 194.2





#45

1,2-Dichloropropane

Concen: 52.061 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

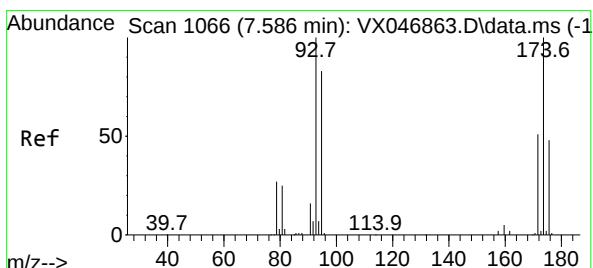
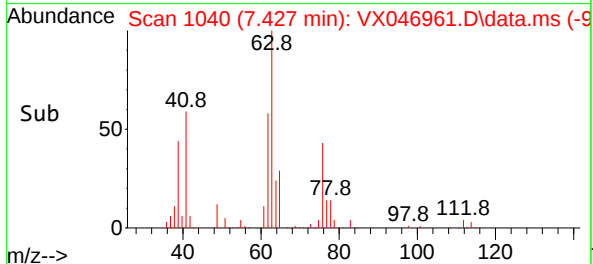
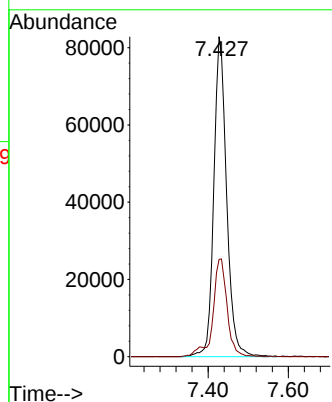
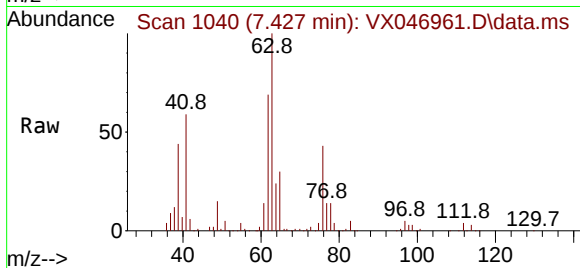
VSTDCCC050

Tgt Ion: 63 Resp: 183547

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.2



#46

Dibromomethane

Concen: 52.647 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

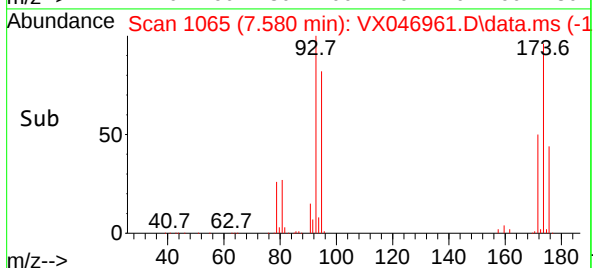
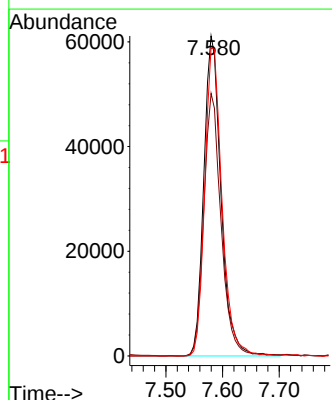
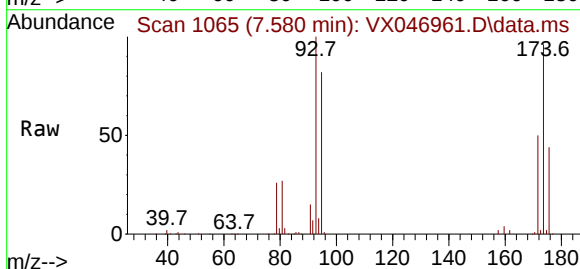
Tgt Ion: 93 Resp: 128605

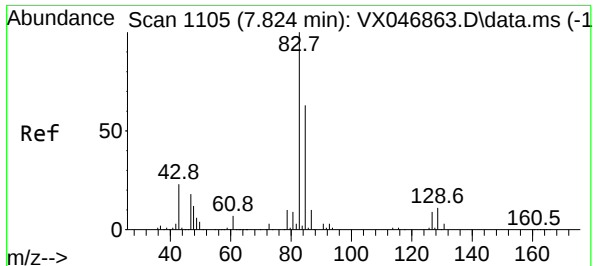
Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

174 96.8 77.4 116.2

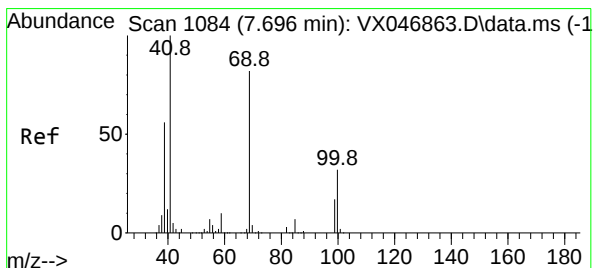
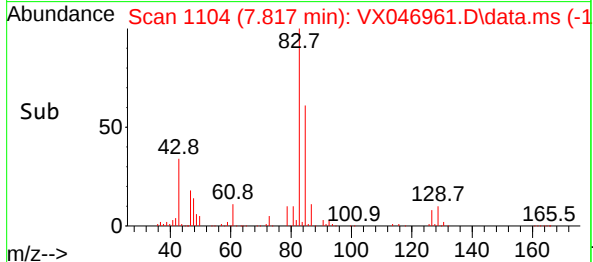
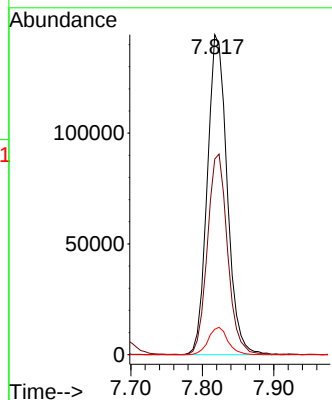
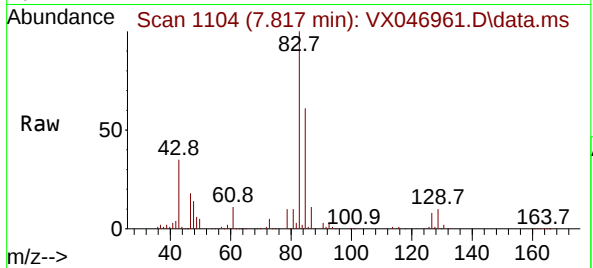




#47
Bromodichloromethane
Concen: 53.321 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

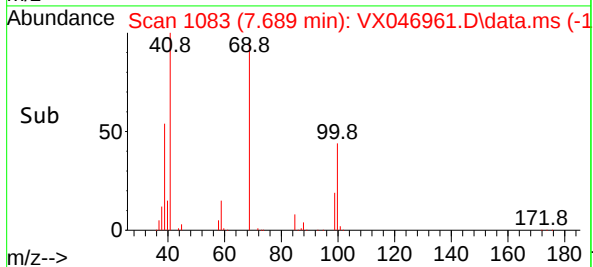
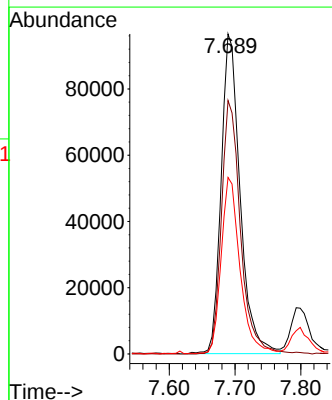
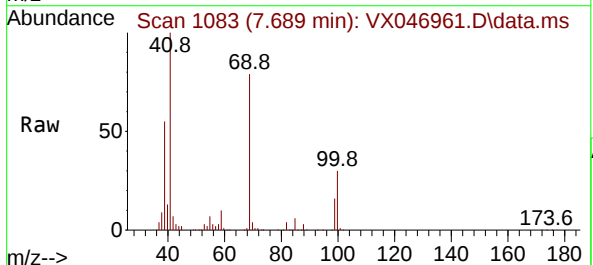
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

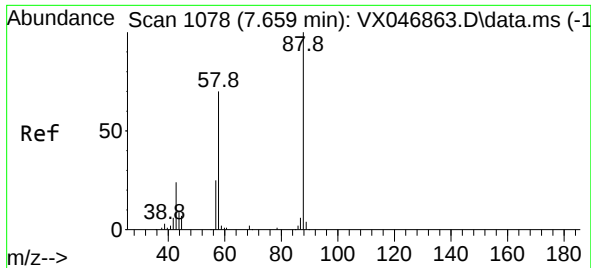
Tgt Ion: 83 Resp: 278122
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 7.9 7.1 10.7



#48
Methyl methacrylate
Concen: 62.407 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 41 Resp: 193946
Ion Ratio Lower Upper
41 100
69 79.6 65.8 98.8
39 54.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1346.109 ug/l

RT: 7.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

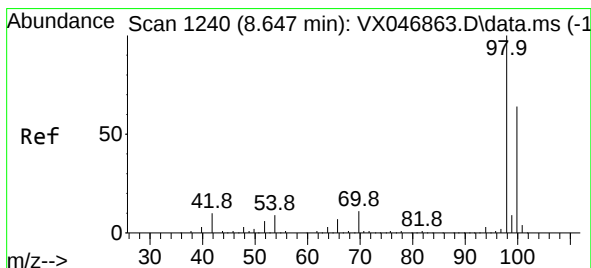
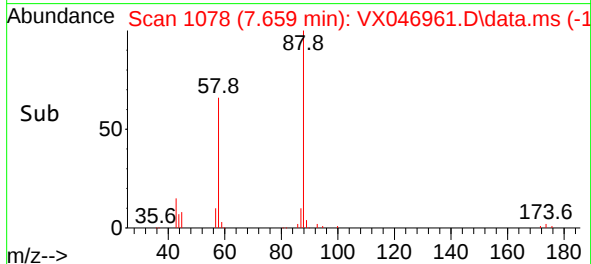
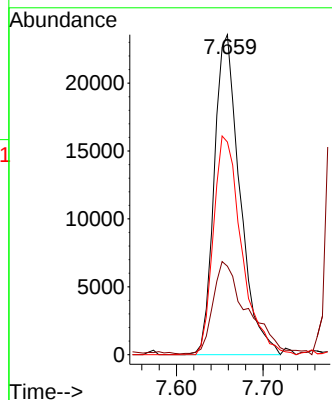
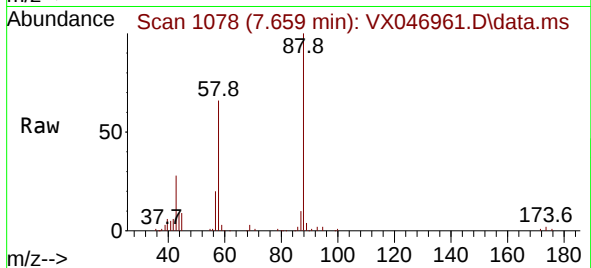
Tgt Ion: 88 Resp: 48473

Ion Ratio Lower Upper

88 100

43 38.3 31.7 47.5

58 74.9 57.5 86.3



#50

Toluene-d8

Concen: 47.437 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046961.D

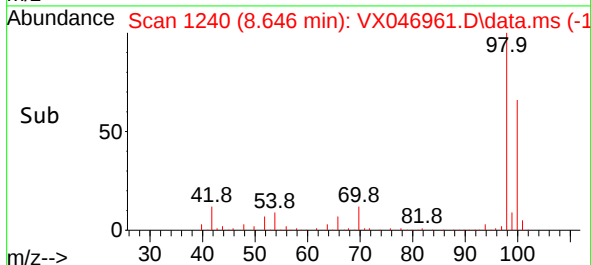
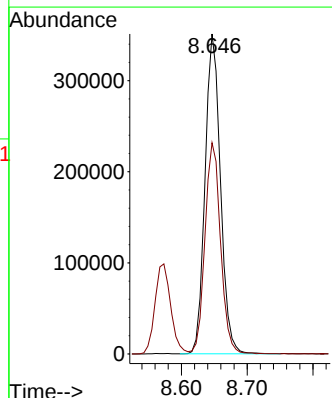
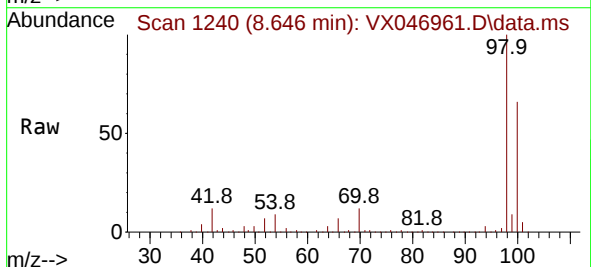
Acq: 14 Jul 2025 09:16

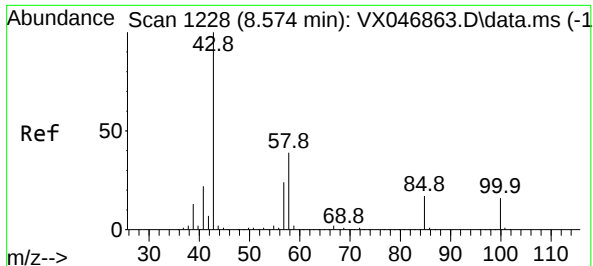
Tgt Ion: 98 Resp: 572304

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.6

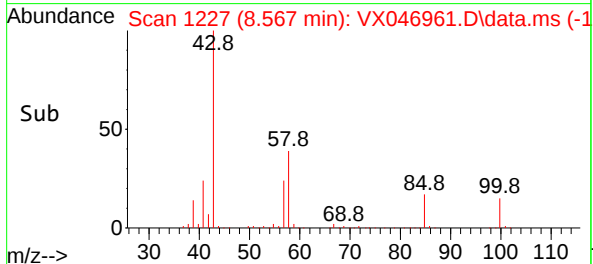
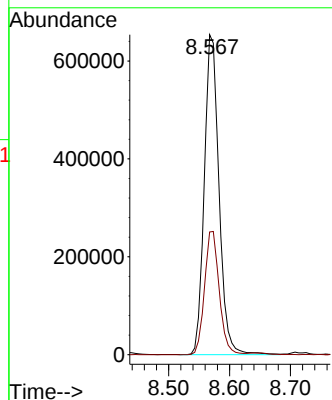
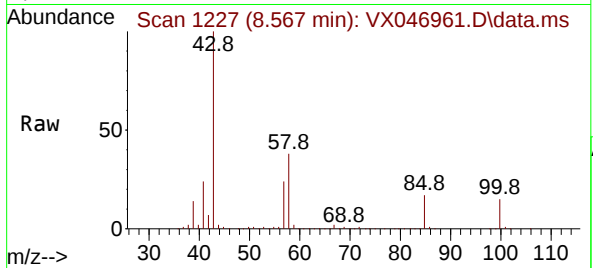




#51
4-Methyl-2-Pentanone
Concen: 308.906 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

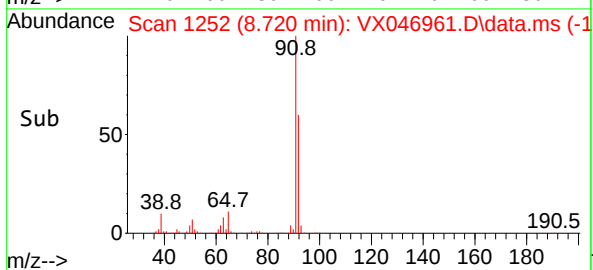
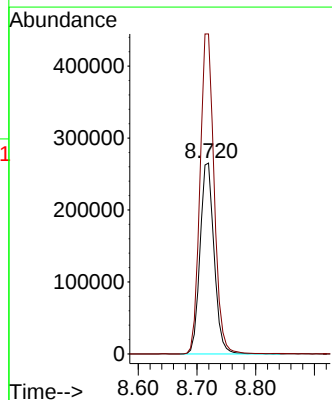
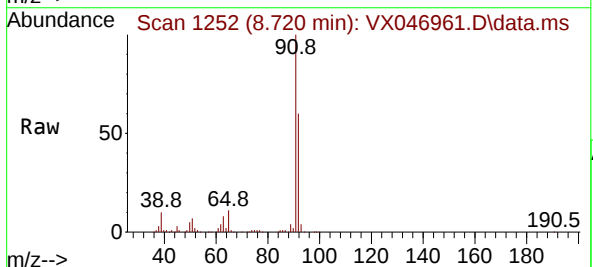
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1097272
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#52
Toluene
Concen: 50.957 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 92 Resp: 440638
Ion Ratio Lower Upper
92 100
91 168.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 57.773 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

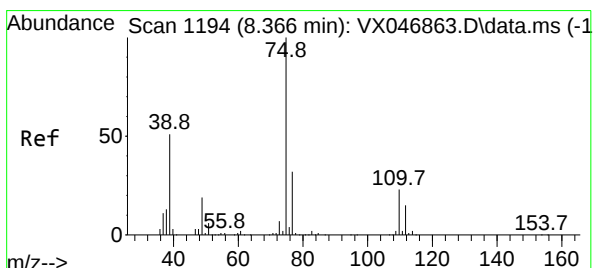
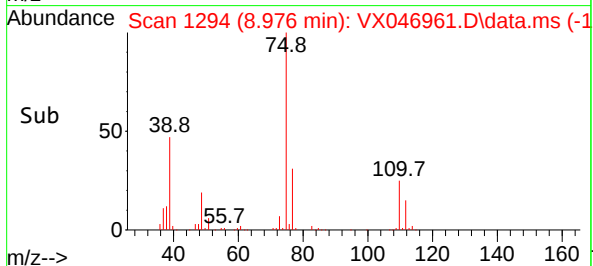
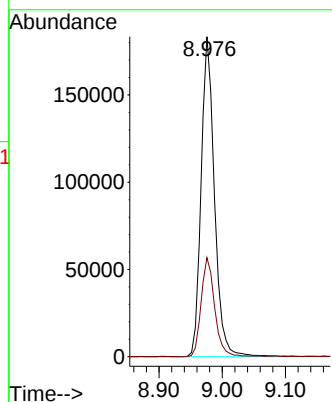
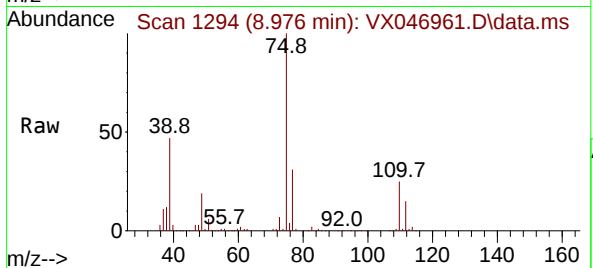
VSTDCCC050

Tgt Ion: 75 Resp: 268934

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.076 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

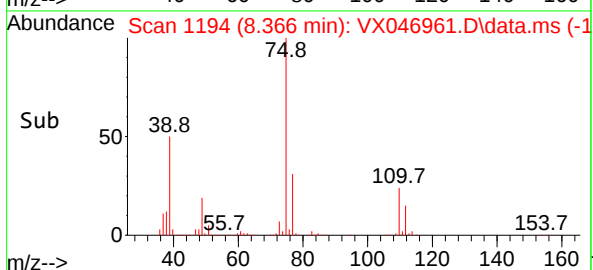
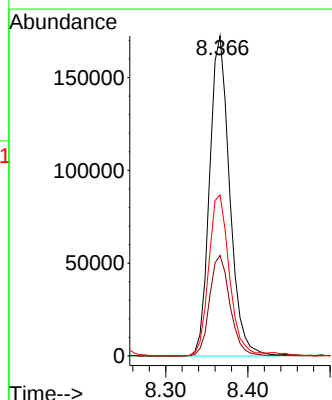
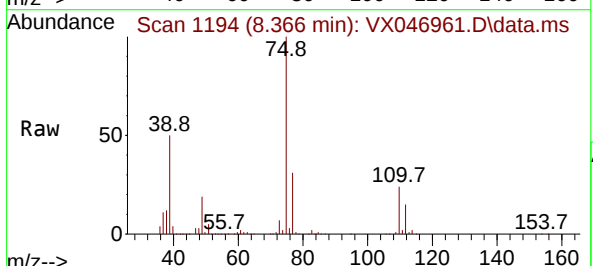
Tgt Ion: 75 Resp: 292640

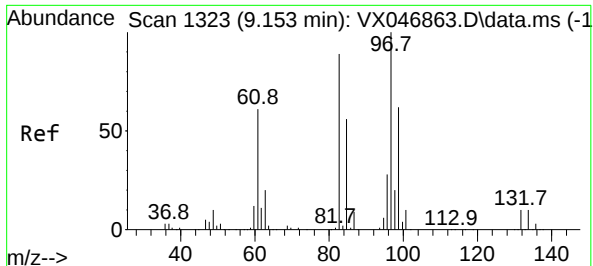
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 50.2 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 54.503 ug/l

RT: 9.146 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 175548

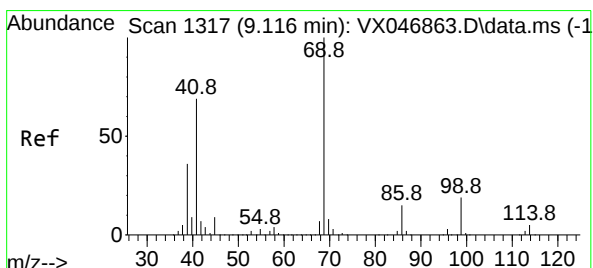
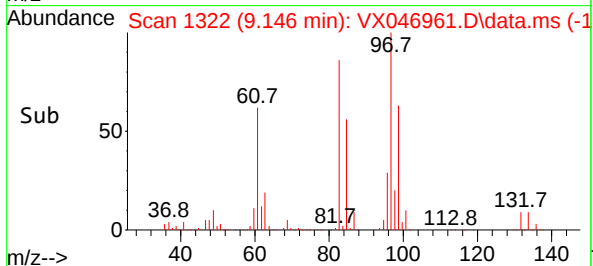
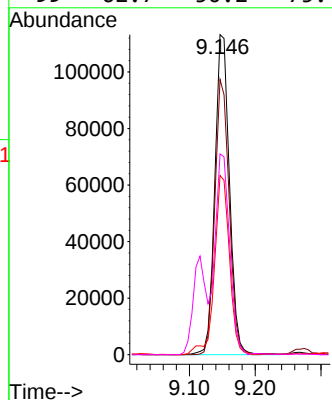
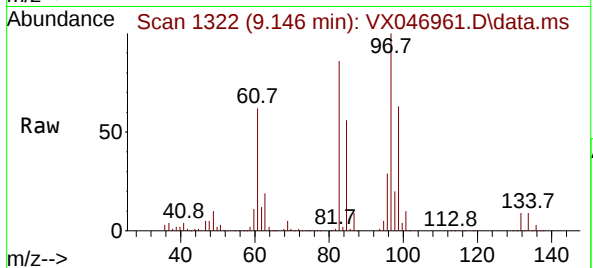
Ion Ratio Lower Upper

97 100

83 86.0 70.9 106.3

85 56.0 44.6 67.0

99 62.7 50.2 75.4



#56

Ethyl methacrylate

Concen: 59.797 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

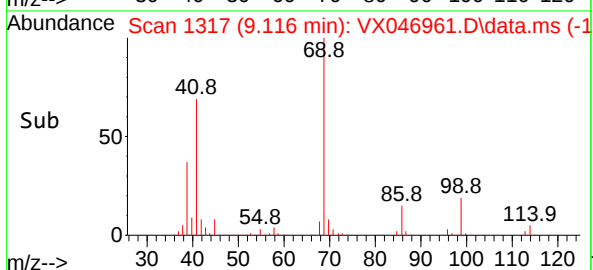
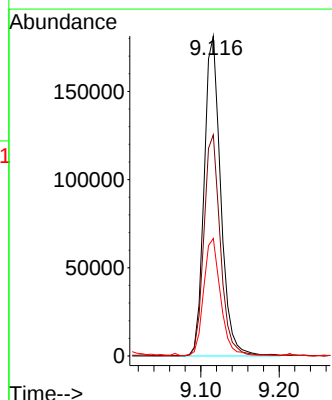
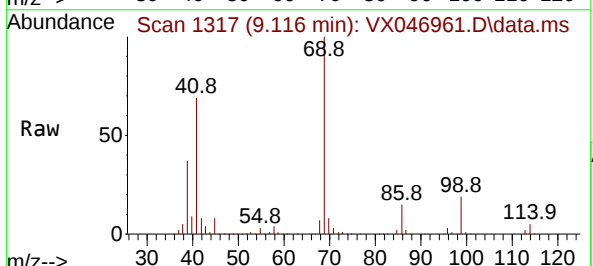
Tgt Ion: 69 Resp: 266571

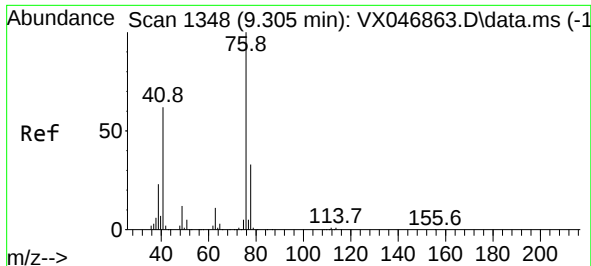
Ion Ratio Lower Upper

69 100

41 68.5 54.6 82.0

39 37.1 28.7 43.1

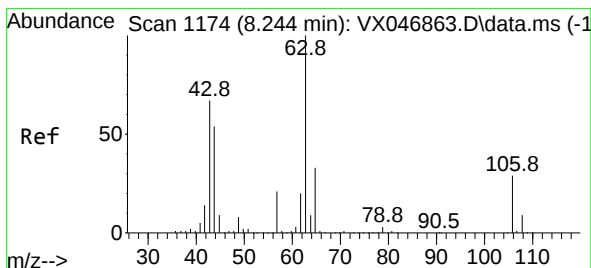
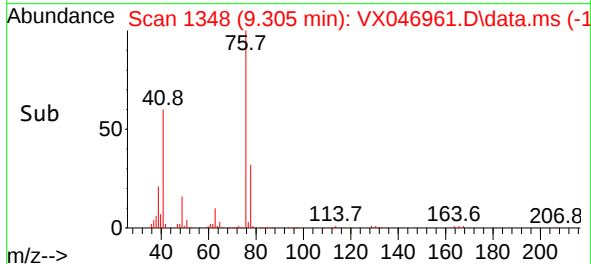
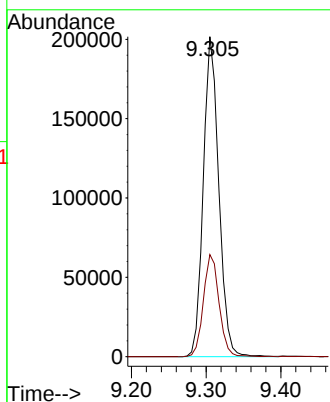
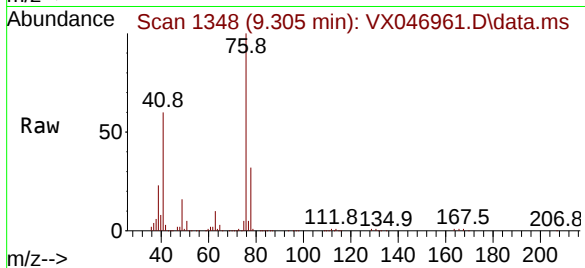




#57
1,3-Dichloropropane
Concen: 52.297 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

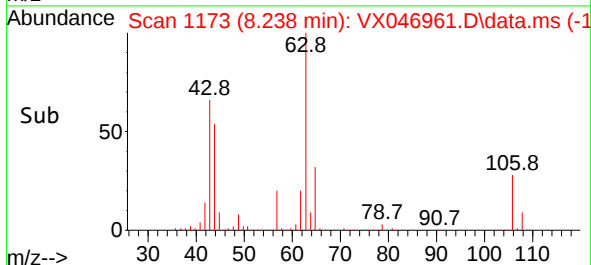
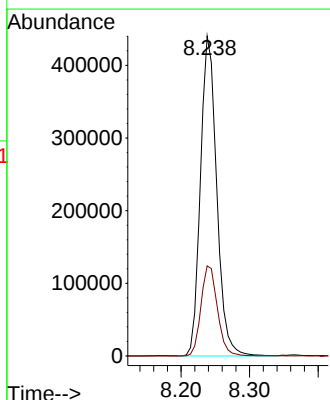
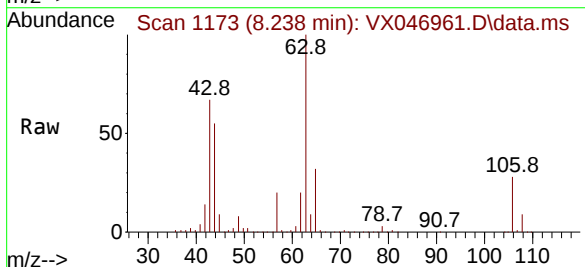
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

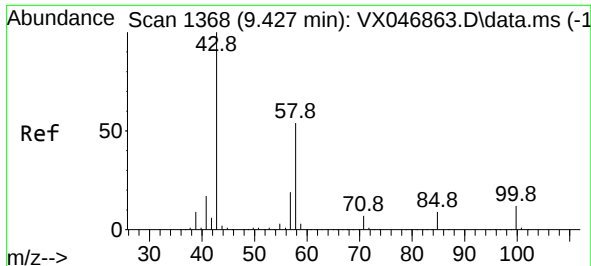
Tgt Ion: 76 Resp: 290044
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 289.366 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 63 Resp: 726836
Ion Ratio Lower Upper
63 100
106 28.5 22.6 33.8





#59

2-Hexanone

Concen: 321.033 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

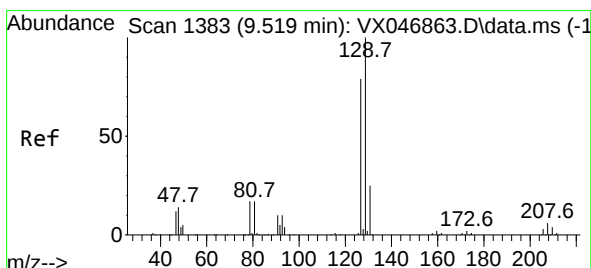
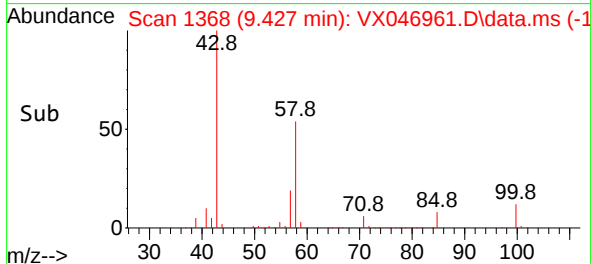
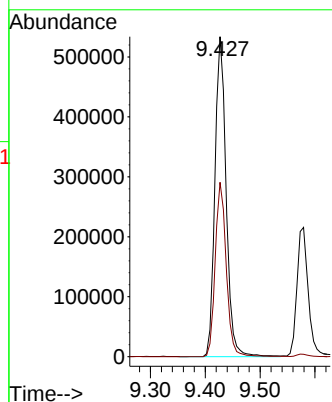
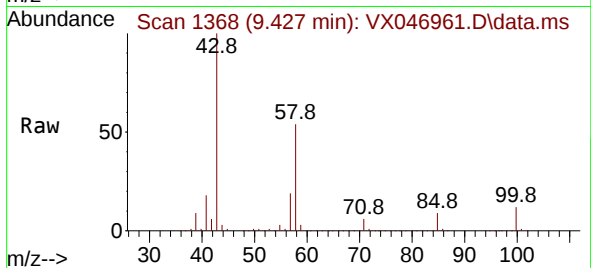
VSTDCCC050

Tgt Ion: 43 Resp: 756391

Ion Ratio Lower Upper

43 100

58 53.8 27.1 81.3



#60

Dibromochloromethane

Concen: 53.995 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046961.D

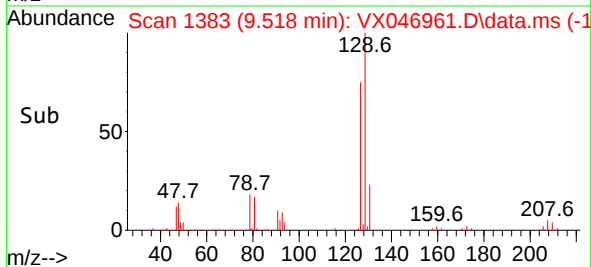
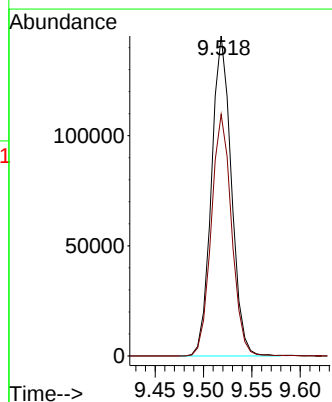
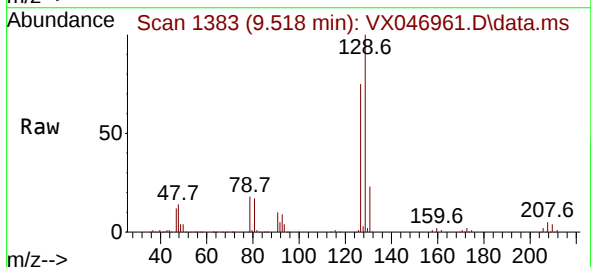
Acq: 14 Jul 2025 09:16

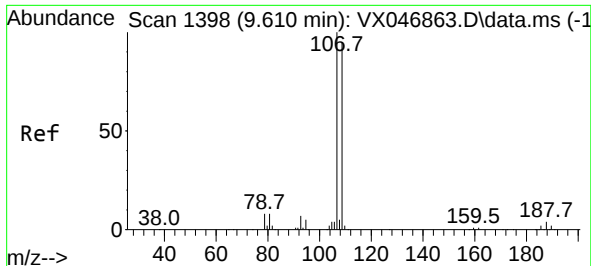
Tgt Ion:129 Resp: 208127

Ion Ratio Lower Upper

129 100

127 76.9 39.1 117.5

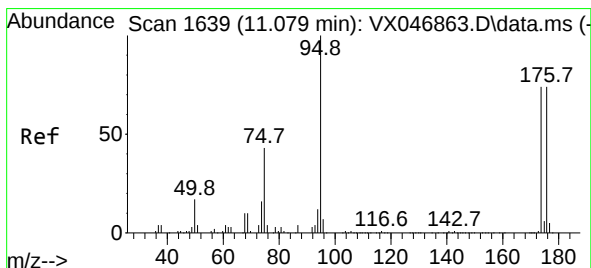
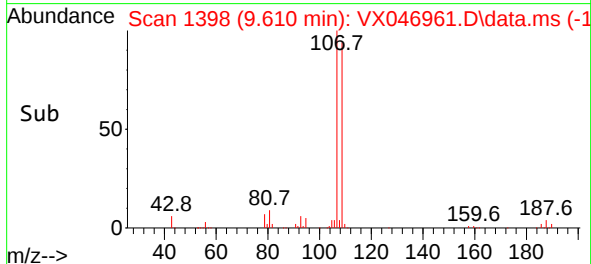
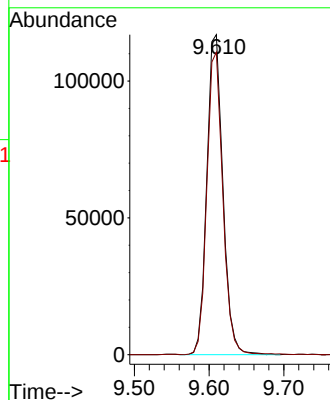
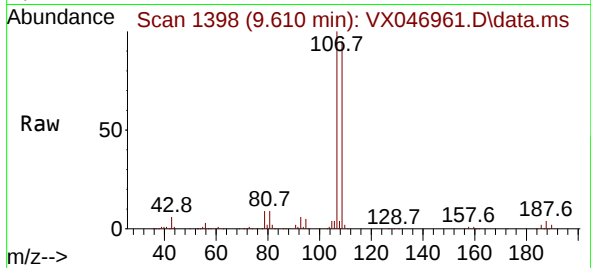




#61
1,2-Dibromoethane
Concen: 54.048 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

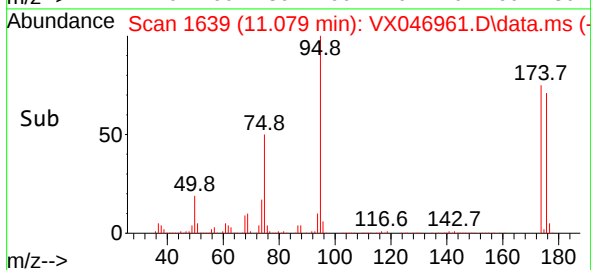
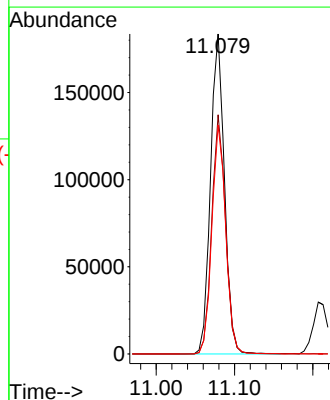
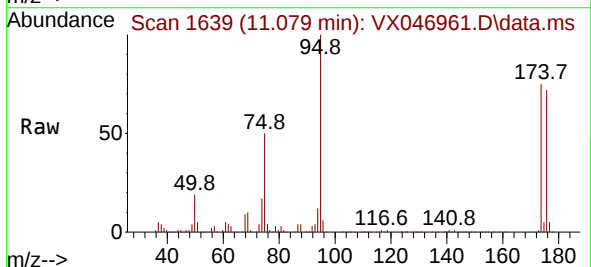
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

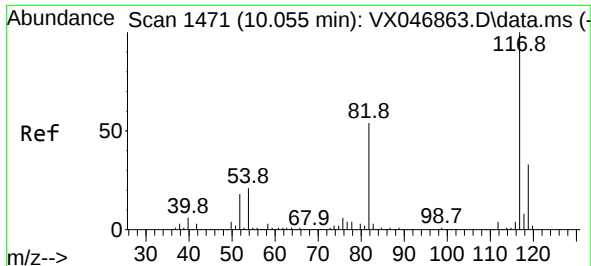
Tgt Ion:107 Resp: 174833
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 95 Resp: 225723
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.0
176 71.2 0.0 145.2

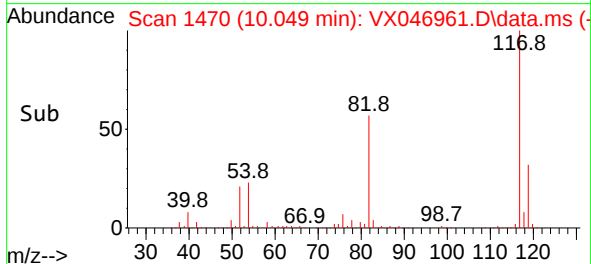
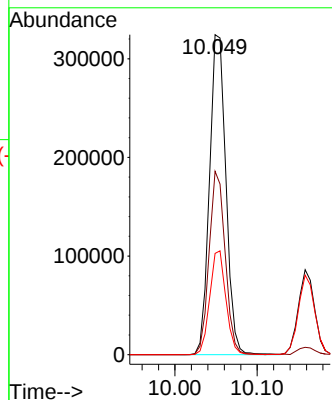
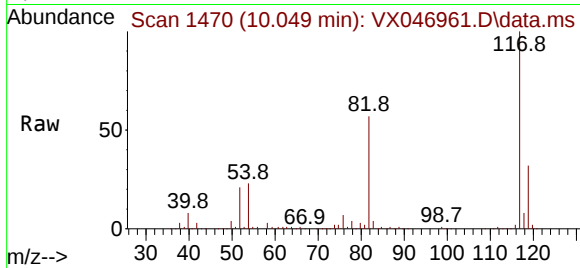




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

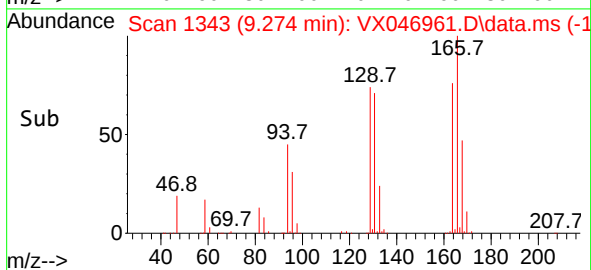
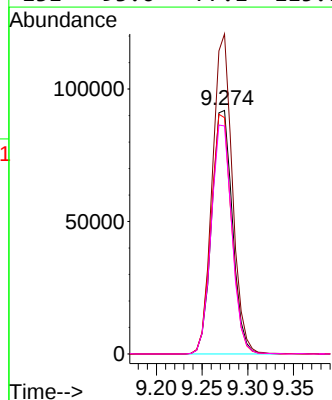
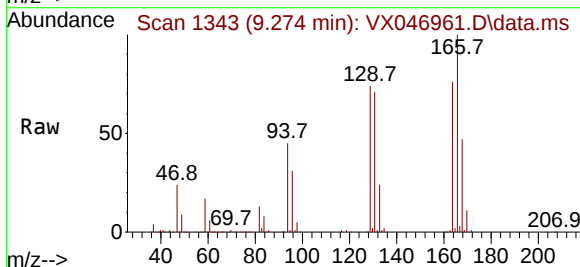
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

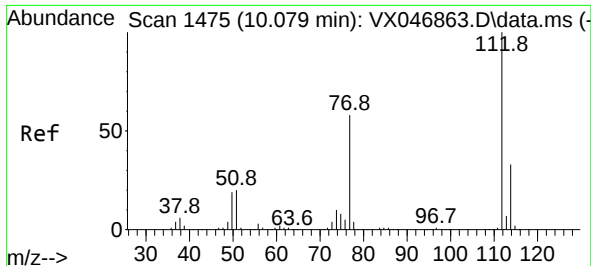
Tgt Ion:117 Resp: 451308
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 31.7 26.4 39.6



#64
Tetrachloroethene
Concen: 48.111 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:164 Resp: 144564
Ion Ratio Lower Upper
164 100
166 131.4 107.0 160.6
129 97.0 79.7 119.5
131 93.6 77.1 115.7

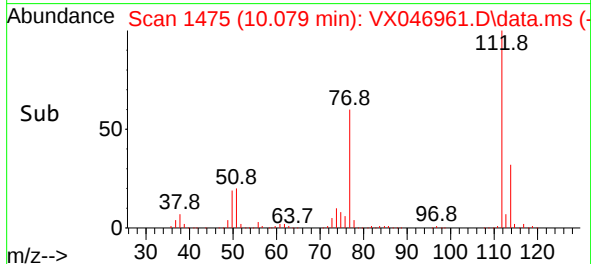
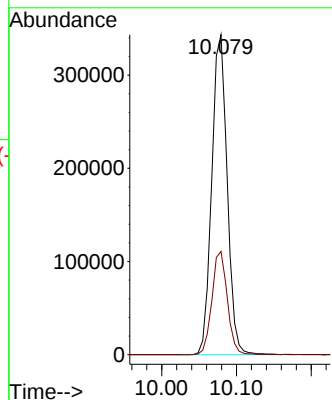
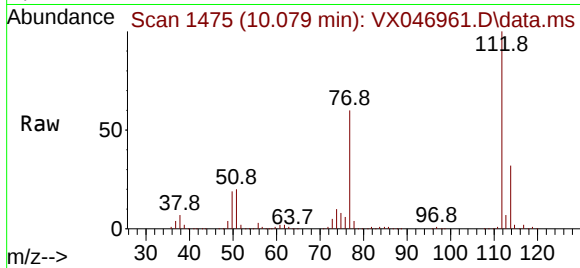




#65
Chlorobenzene
Concen: 50.435 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

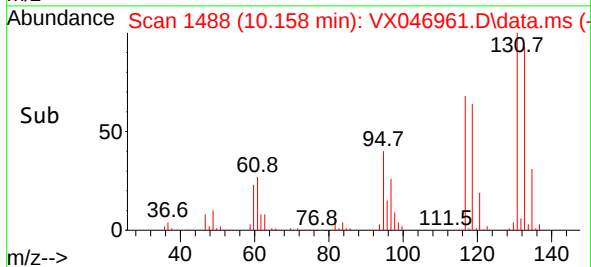
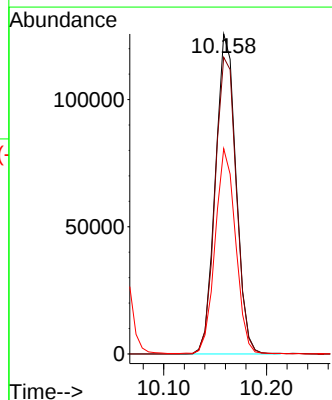
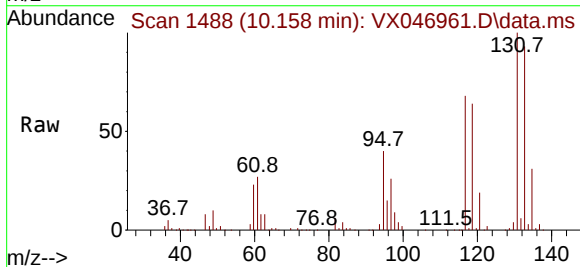
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

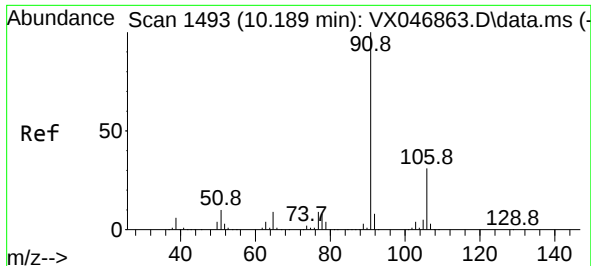
Tgt Ion:112 Resp: 492117
Ion Ratio Lower Upper
112 100
114 32.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.296 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:131 Resp: 174818
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.9 32.4 97.2

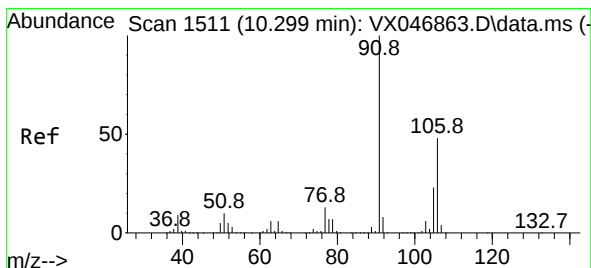
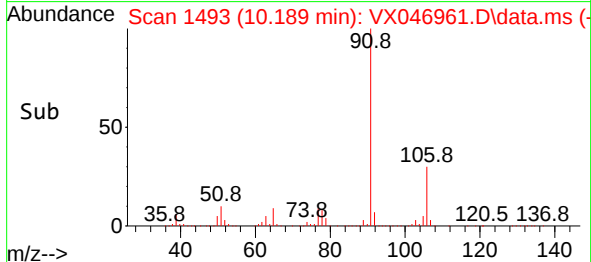
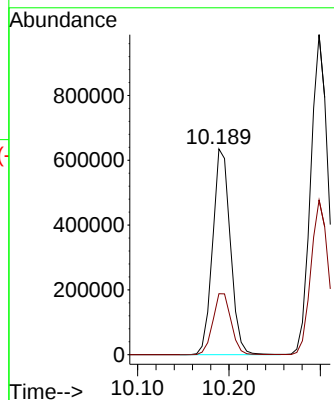
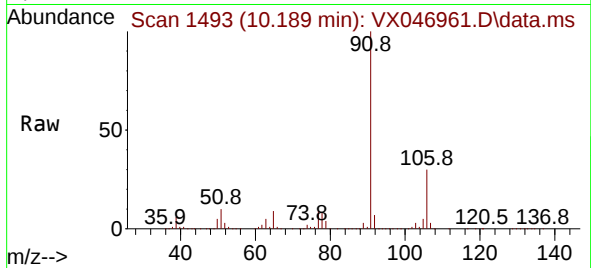




#67
Ethyl Benzene
Concen: 50.977 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

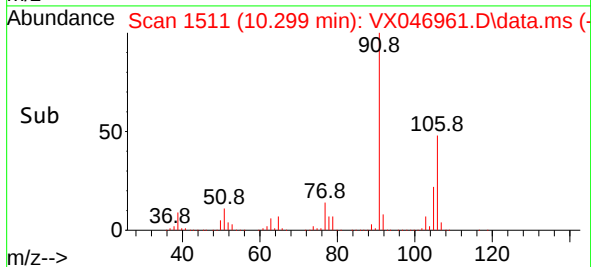
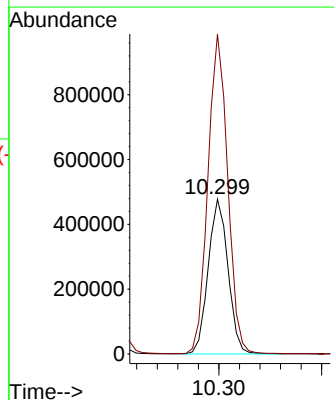
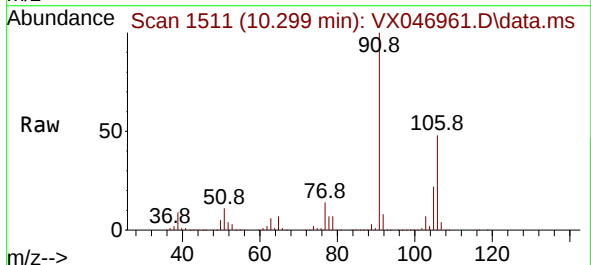
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 851825
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#68
m/p-Xylenes
Concen: 101.630 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 106 Resp: 639926
Ion Ratio Lower Upper
106 100
91 206.6 164.6 246.8

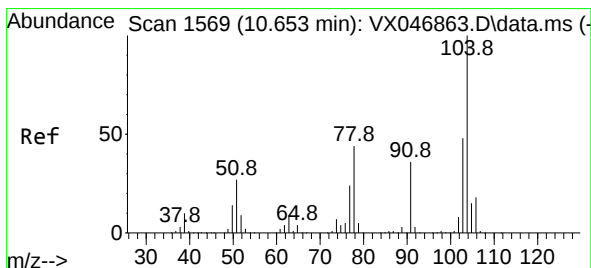
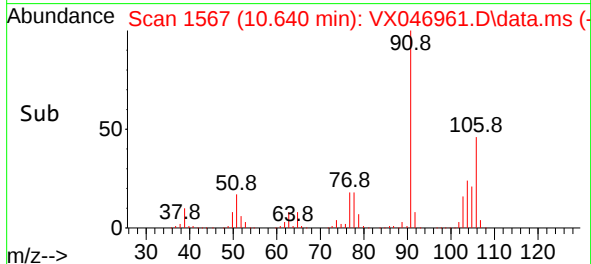
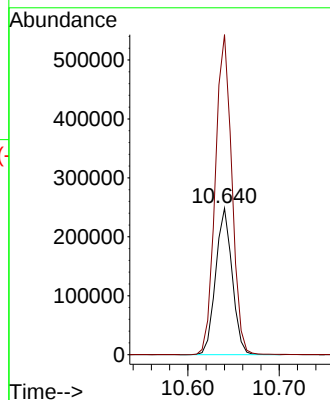
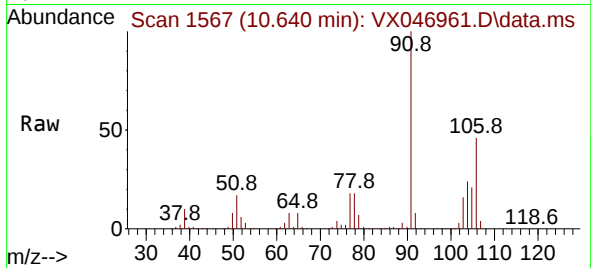




#69
o-Xylene
Concen: 51.192 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

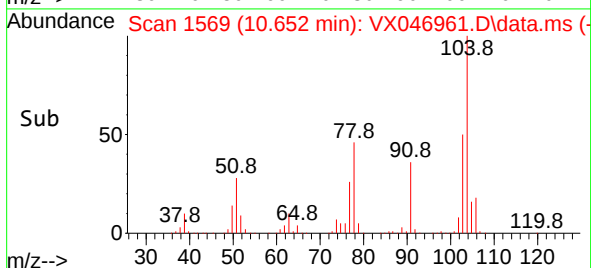
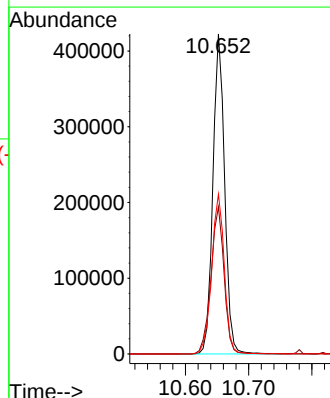
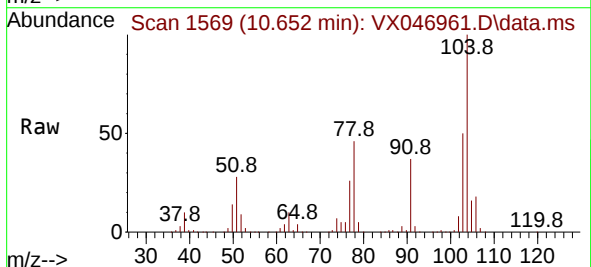
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

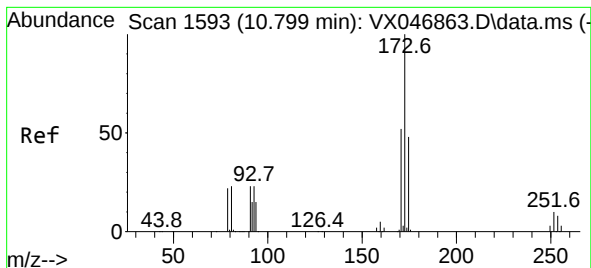
Tgt Ion:106 Resp: 311366
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.5



#70
Styrene
Concen: 52.392 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:104 Resp: 545199
Ion Ratio Lower Upper
104 100
78 51.7 40.3 60.5
103 54.1 42.8 64.2





#71

Bromoform

Concen: 55.717 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

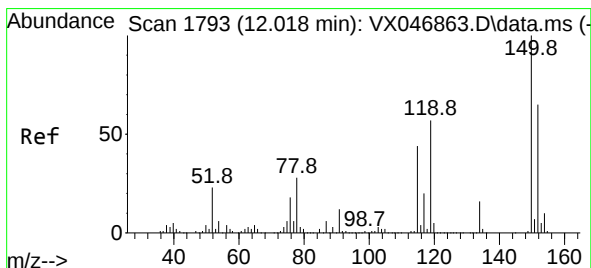
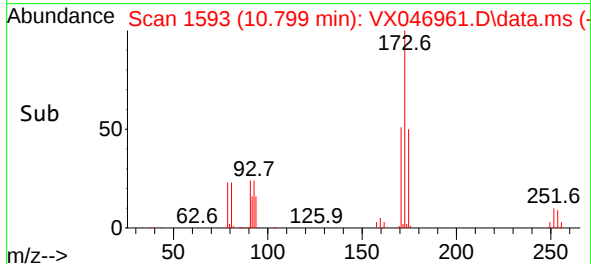
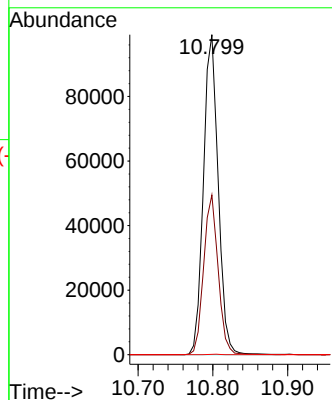
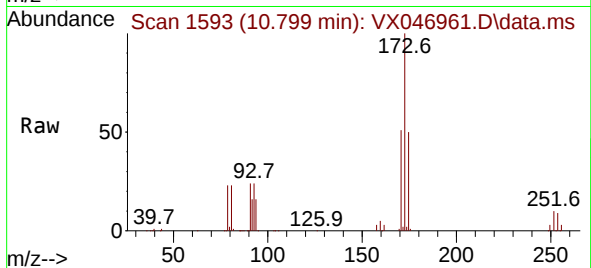
Tgt Ion:173 Resp: 135889

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

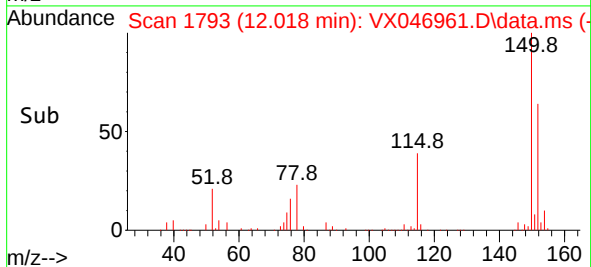
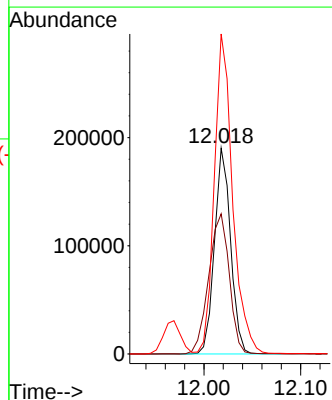
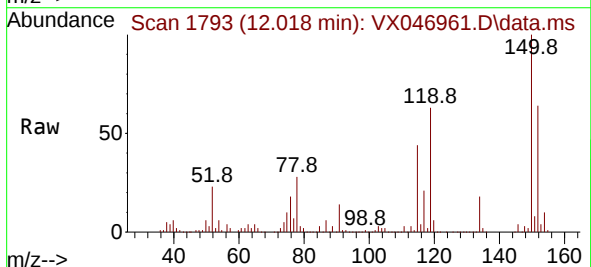
Tgt Ion:152 Resp: 220043

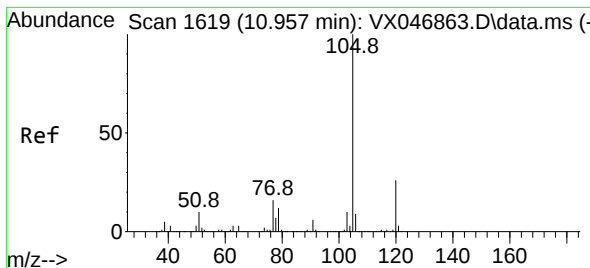
Ion Ratio Lower Upper

152 100

115 87.3 42.4 127.1

150 176.7 0.0 349.2





#73

Isopropylbenzene

Concen: 53.529 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

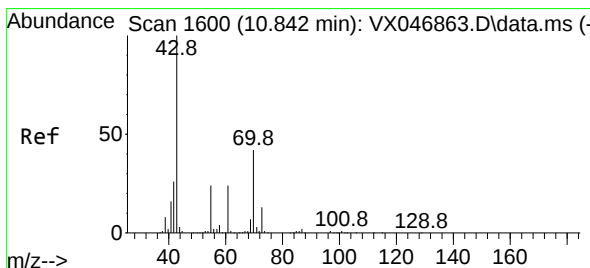
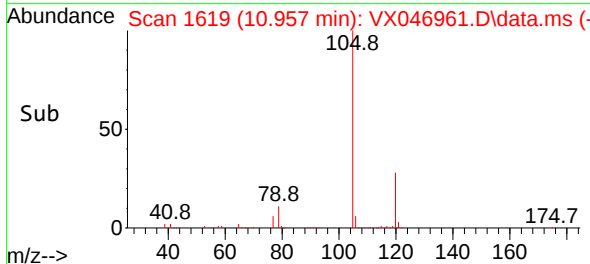
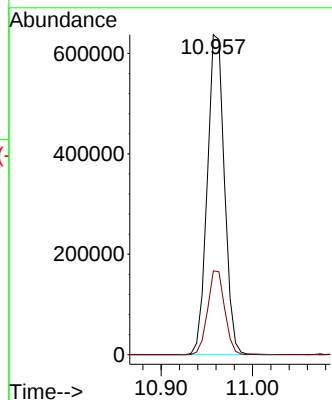
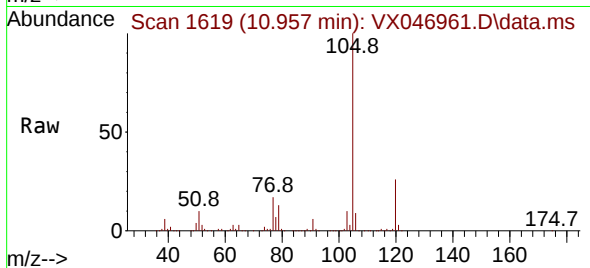
VSTDCCC050

Tgt Ion:105 Resp: 828004

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 63.254 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Tgt Ion: 43 Resp: 332486

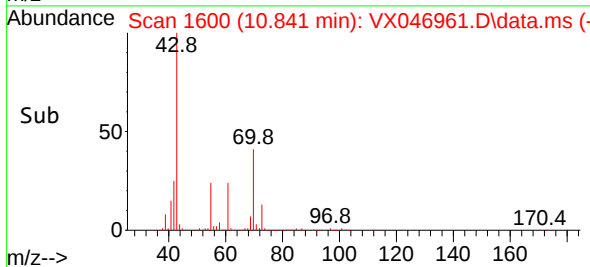
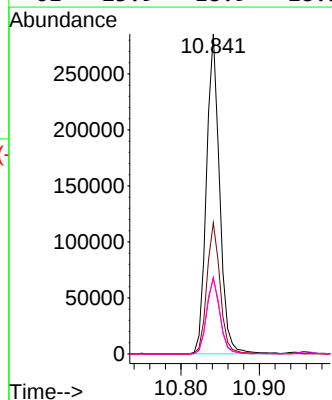
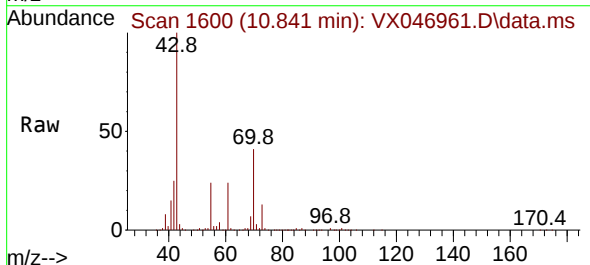
Ion Ratio Lower Upper

43 100

70 41.3 33.4 50.2

55 24.2 19.6 29.4

61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.246 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

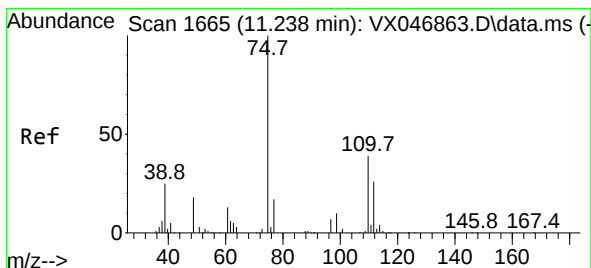
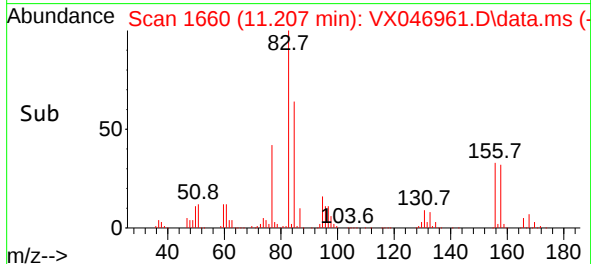
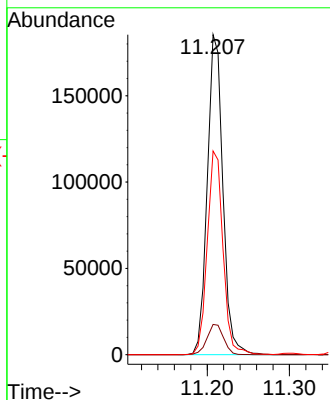
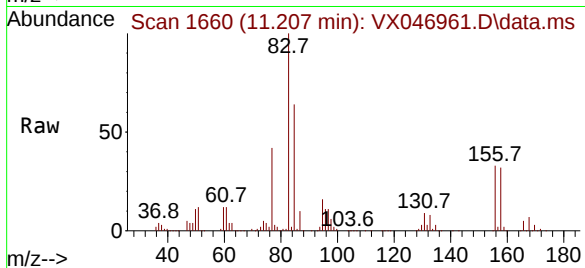
Tgt Ion: 83 Resp: 243489

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 77.065 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX046961.D

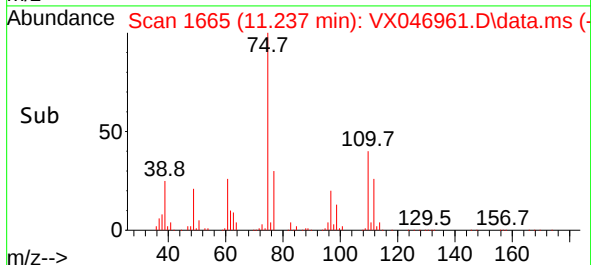
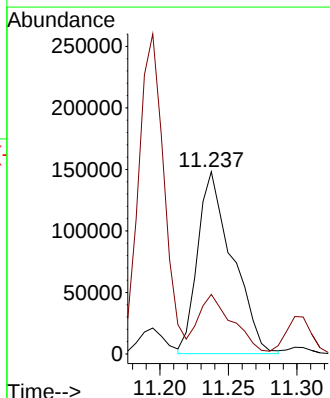
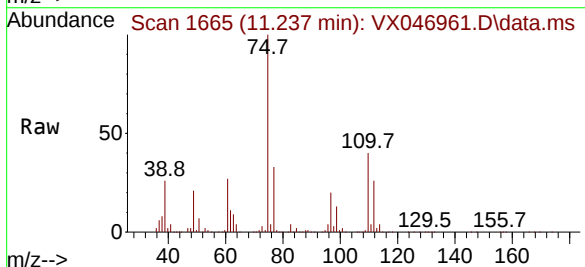
Acq: 14 Jul 2025 09:16

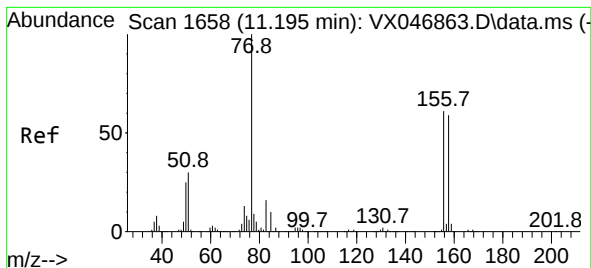
Tgt Ion: 75 Resp: 262017

Ion Ratio Lower Upper

75 100

77 32.3 20.6 61.8





#77

Bromobenzene

Concen: 52.769 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

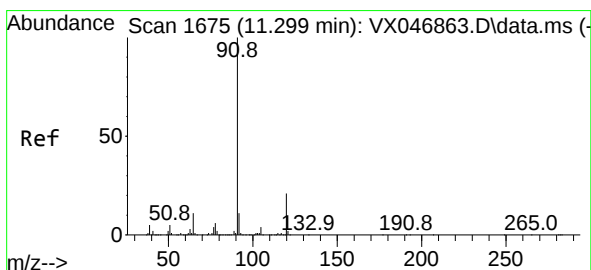
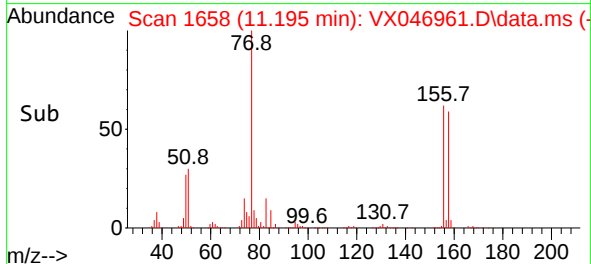
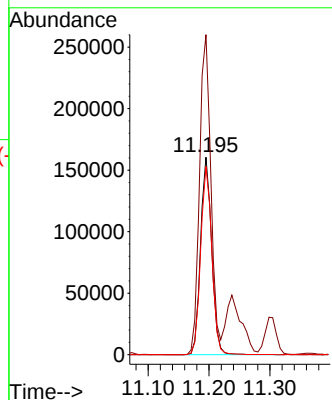
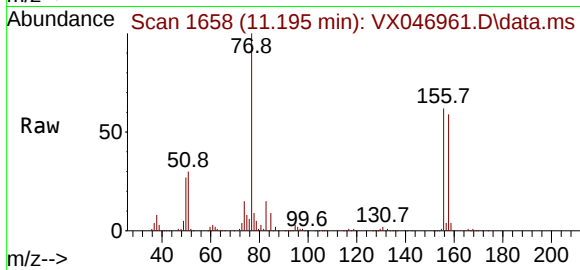
Tgt Ion:156 Resp: 203317

Ion Ratio Lower Upper

156 100

77 165.6 82.3 247.0

158 95.6 47.5 142.6



#78

n-propylbenzene

Concen: 52.791 ug/l

RT: 11.298 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046961.D

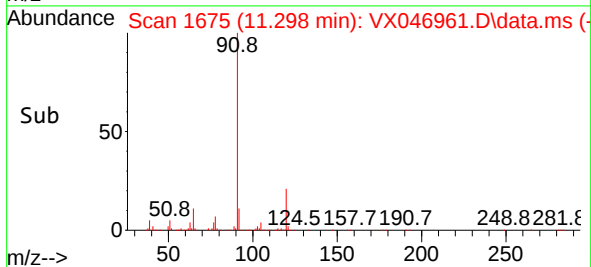
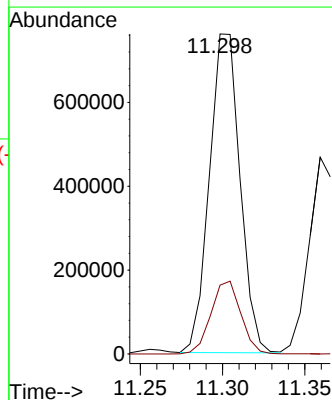
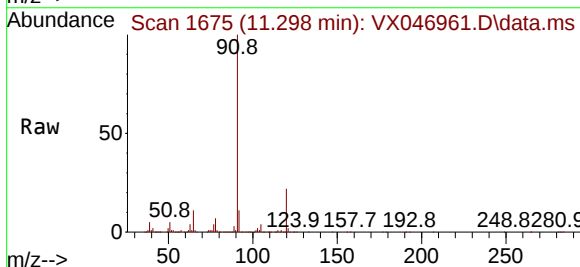
Acq: 14 Jul 2025 09:16

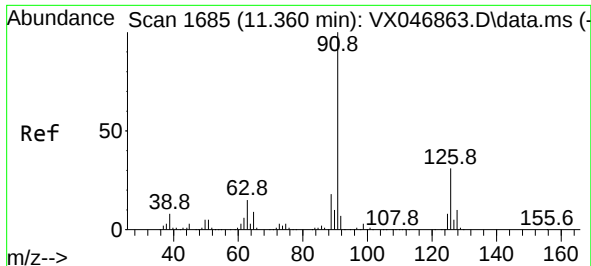
Tgt Ion: 91 Resp: 984641

Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 52.710 ug/l

RT: 11.359 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

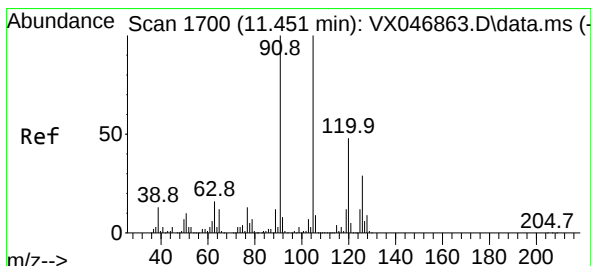
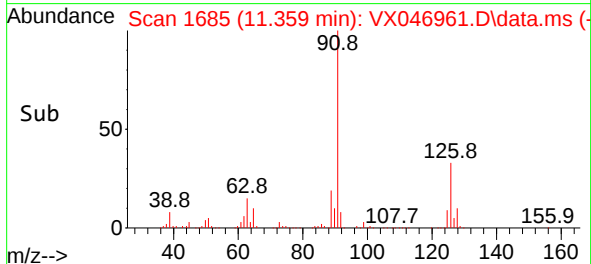
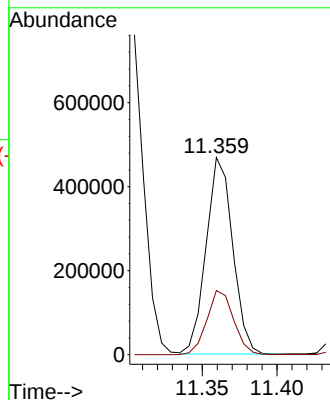
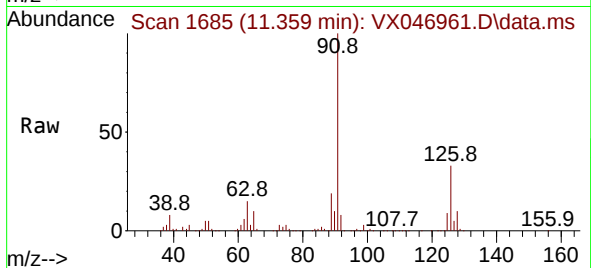
VSTDCCC050

Tgt Ion: 91 Resp: 580504

Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 53.955 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046961.D

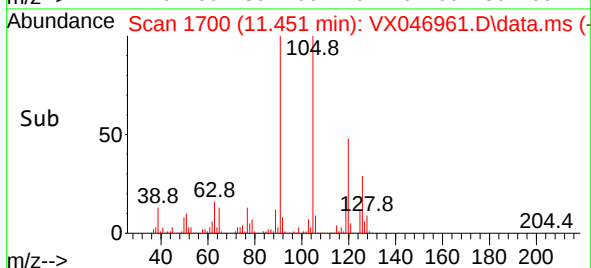
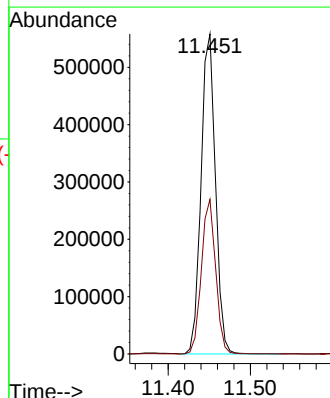
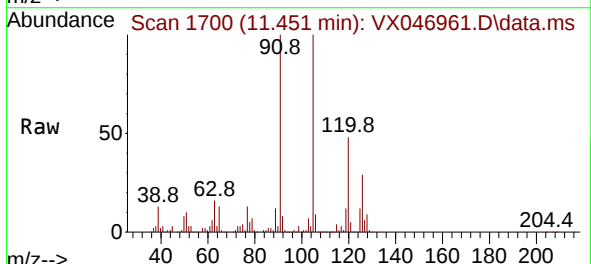
Acq: 14 Jul 2025 09:16

Tgt Ion:105 Resp: 678149

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.4

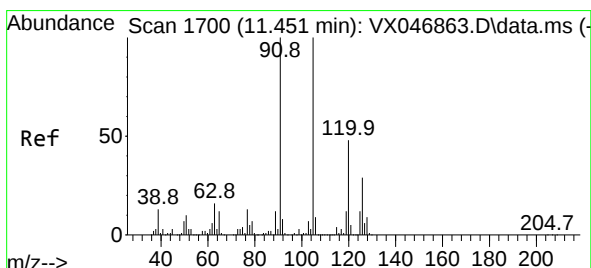
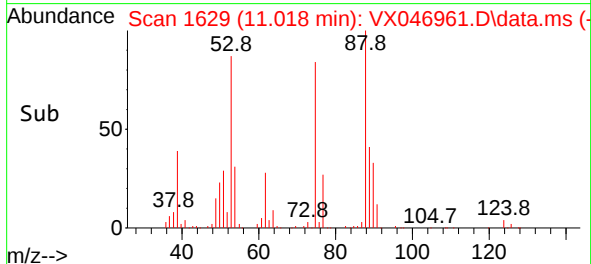
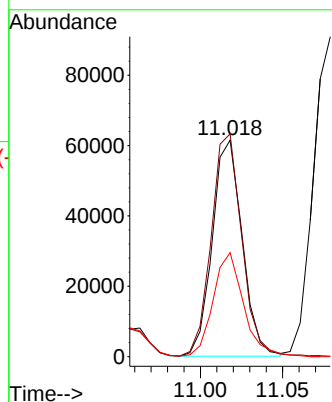
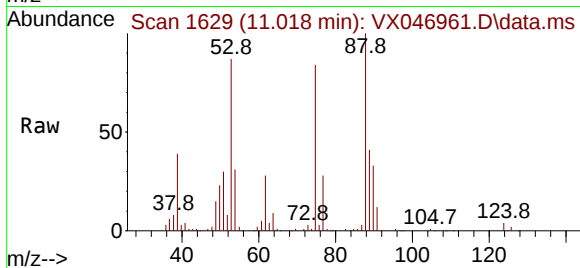




#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.211 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

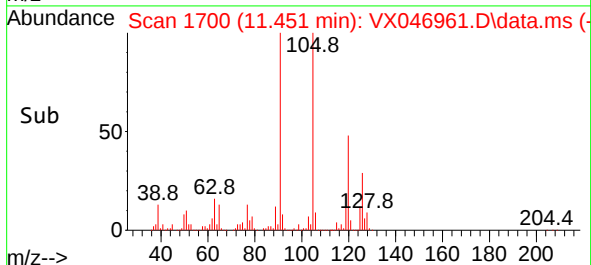
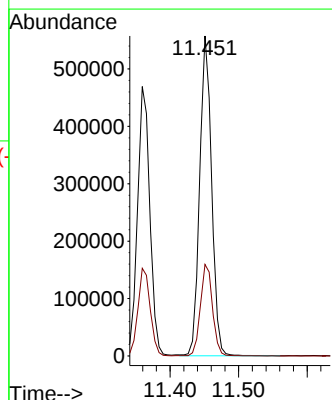
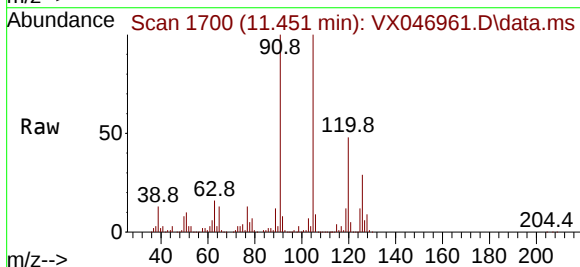
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

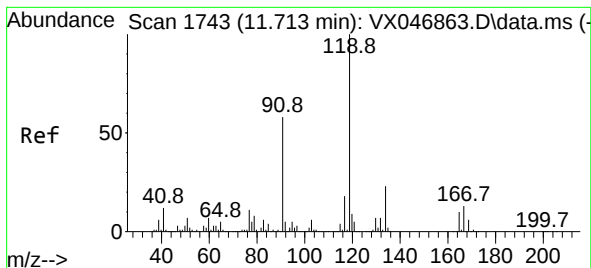
Tgt Ion: 75 Resp: 77554
 Ion Ratio Lower Upper
 75 100
 53 105.3 83.7 125.5
 89 49.1 38.2 57.2



#82
 4-Chlorotoluene
 Concen: 53.174 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

Tgt Ion: 91 Resp: 675805
 Ion Ratio Lower Upper
 91 100
 126 29.2 14.6 44.0





#83

tert-Butylbenzene

Concen: 54.236 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

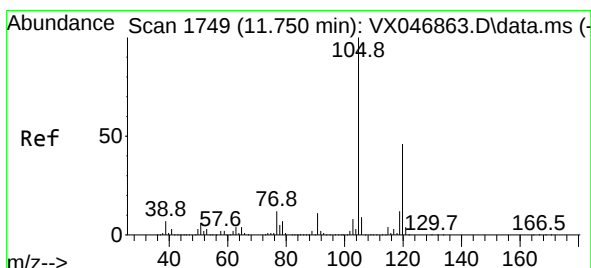
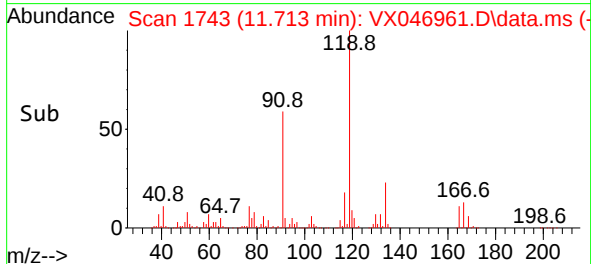
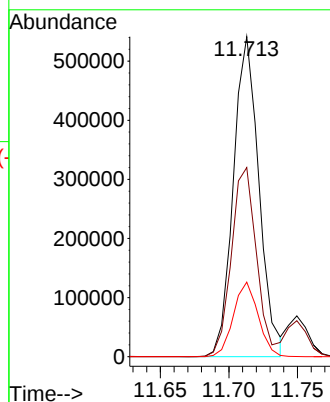
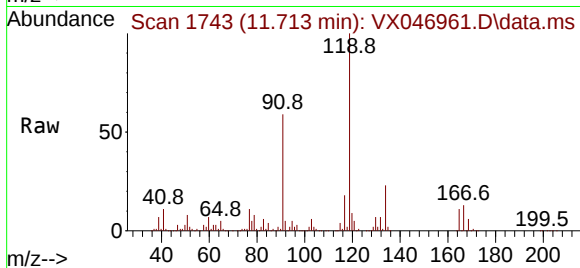
Tgt Ion:119 Resp: 704065

Ion Ratio Lower Upper

119 100

91 57.5 28.7 86.3

134 22.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 54.020 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046961.D

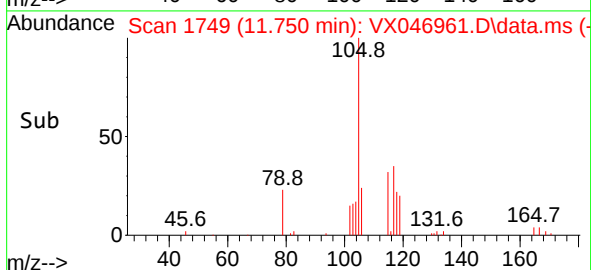
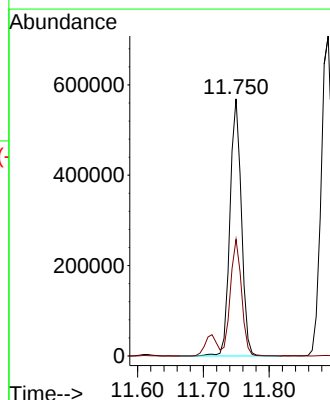
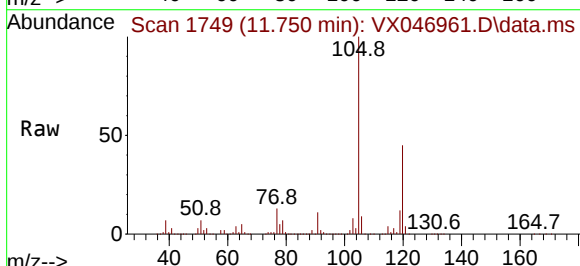
Acq: 14 Jul 2025 09:16

Tgt Ion:105 Resp: 686276

Ion Ratio Lower Upper

105 100

120 44.4 23.3 69.8

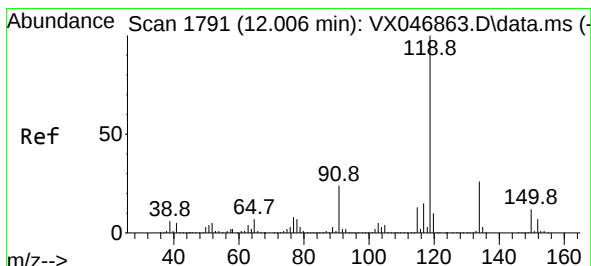
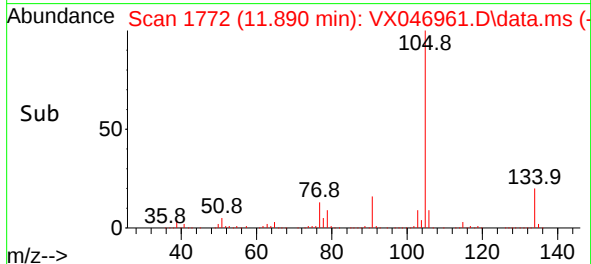
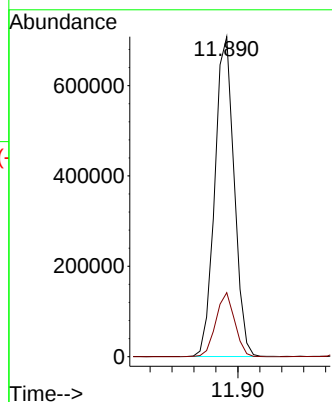
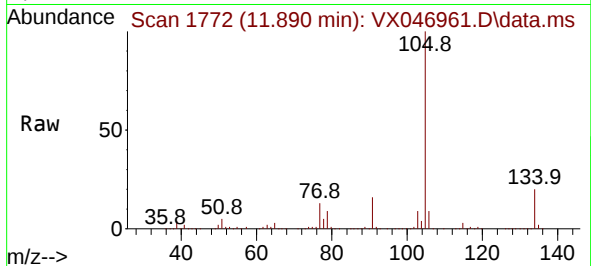




#85
sec-Butylbenzene
Concen: 53.085 ug/l
RT: 11.890 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

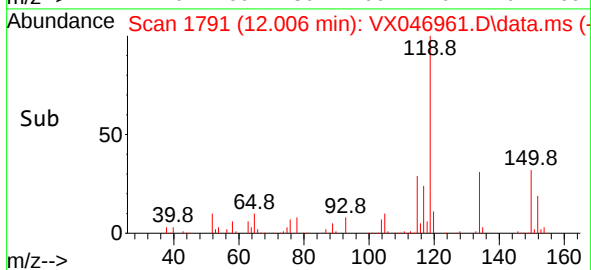
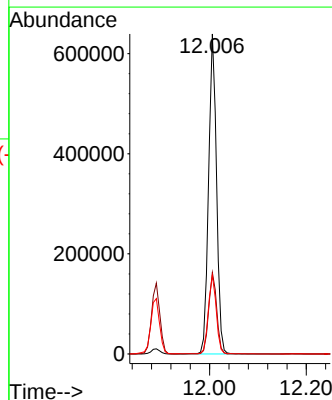
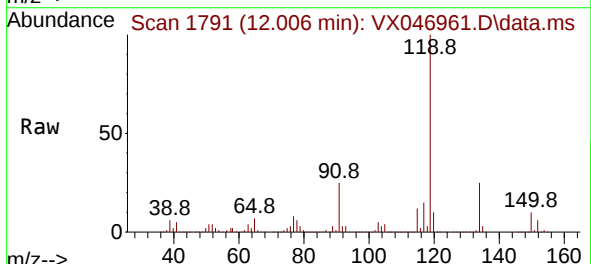
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

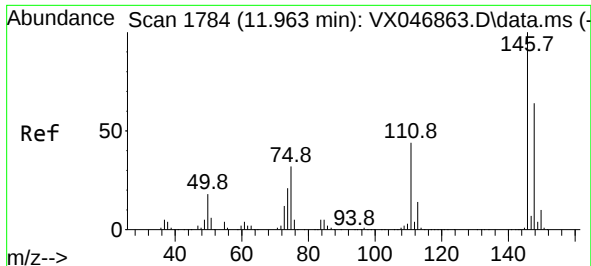
Tgt Ion:105 Resp: 868859
Ion Ratio Lower Upper
105 100
134 19.6 9.9 29.7



#86
p-Isopropyltoluene
Concen: 53.306 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion:119 Resp: 730626
Ion Ratio Lower Upper
119 100
134 25.7 13.0 39.0
91 24.5 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.505 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

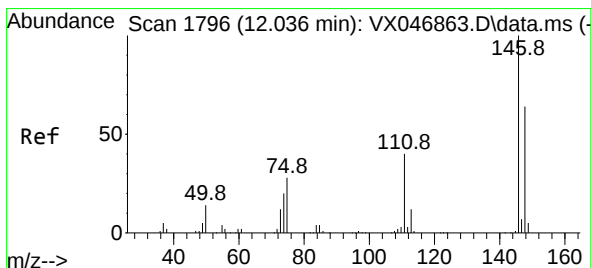
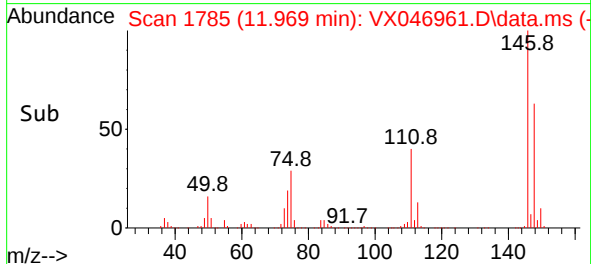
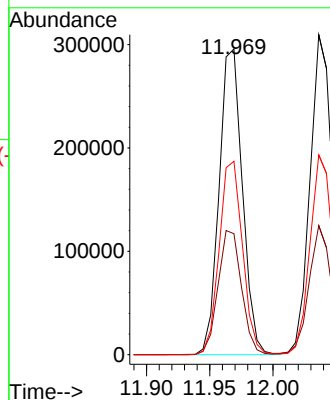
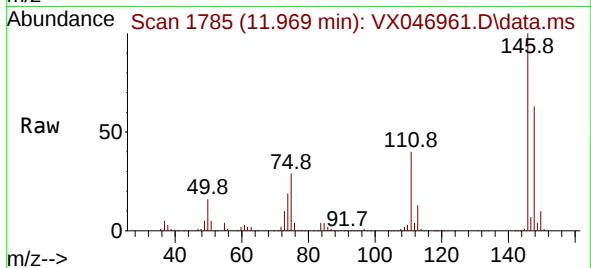
Tgt Ion:146 Resp: 378343

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.5 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 51.000 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

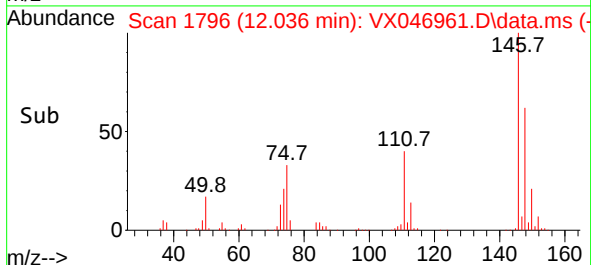
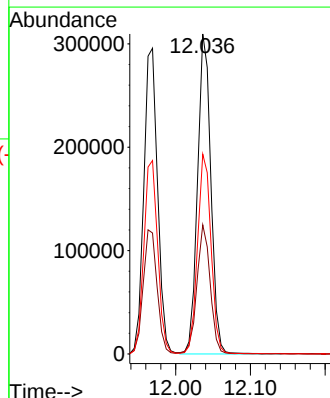
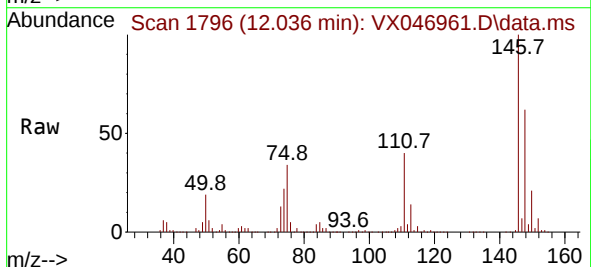
Tgt Ion:146 Resp: 382476

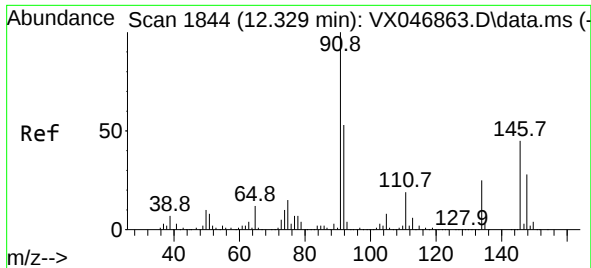
Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

148 63.0 32.4 97.0

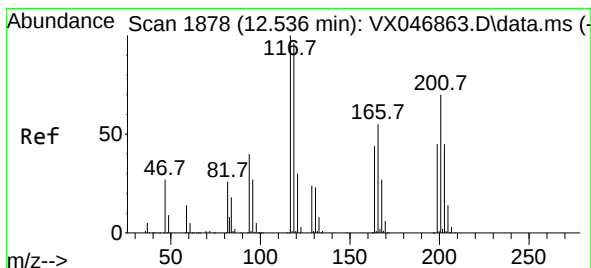
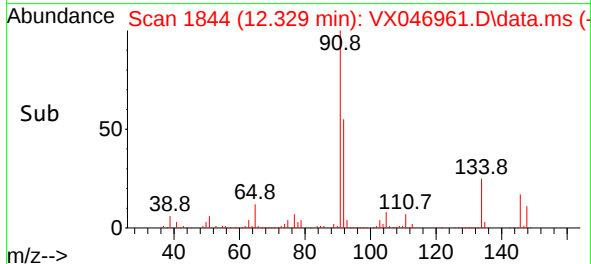
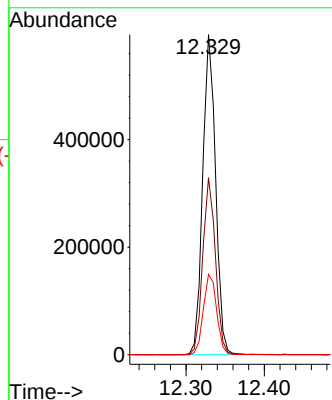
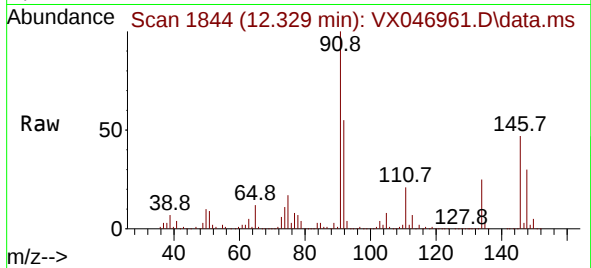




#89
n-Butylbenzene
Concen: 52.767 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

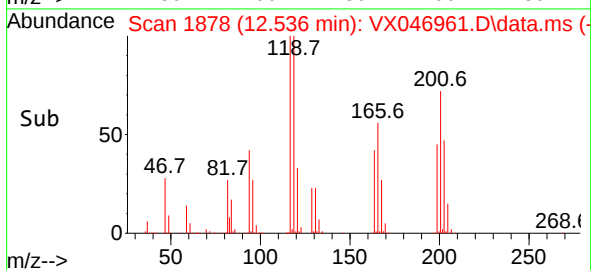
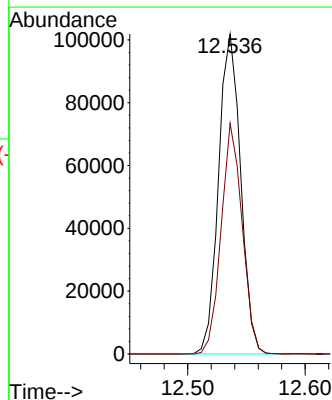
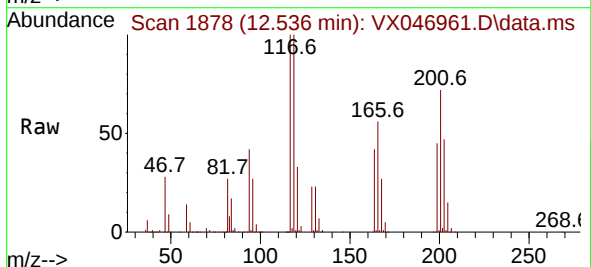
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

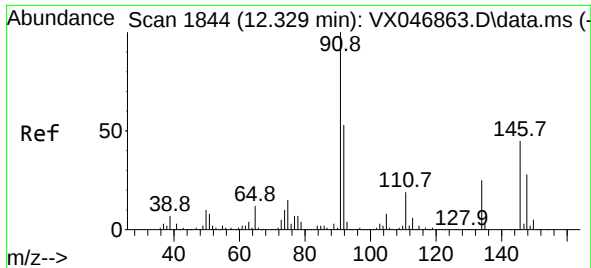
Tgt Ion: 91 Resp: 679556
Ion Ratio Lower Upper
91 100
92 54.5 27.0 81.0
134 26.0 12.8 38.4



#90
Hexachloroethane
Concen: 54.739 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046961.D
Acq: 14 Jul 2025 09:16

Tgt Ion: 117 Resp: 133002
Ion Ratio Lower Upper
117 100
201 68.9 35.8 107.4

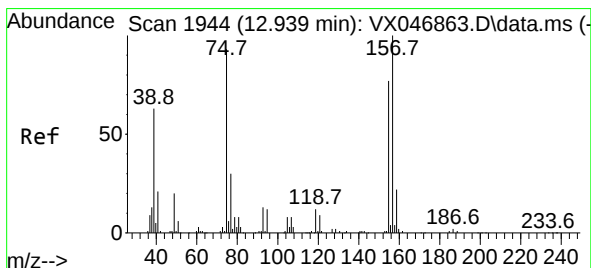
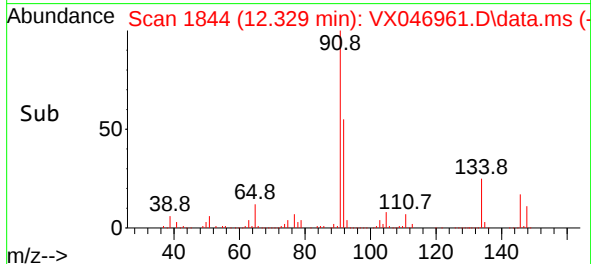
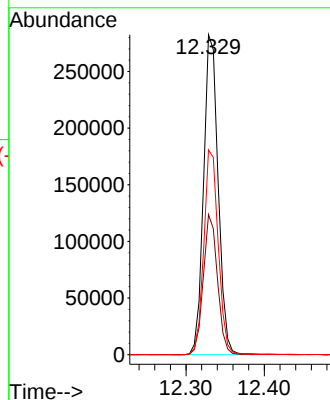
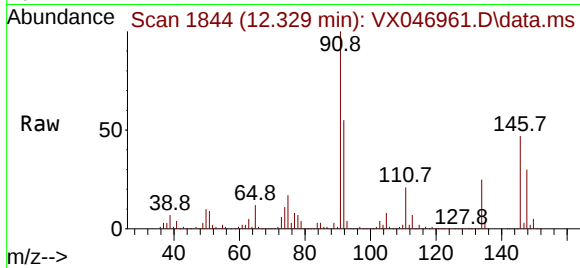




#91
 1,2-Dichlorobenzene
 Concen: 52.207 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

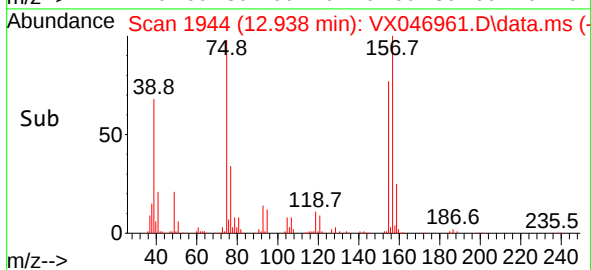
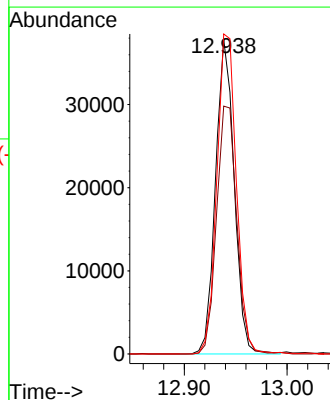
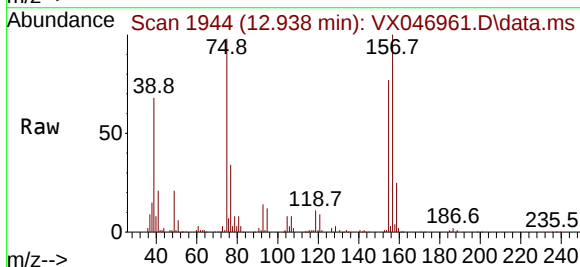
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

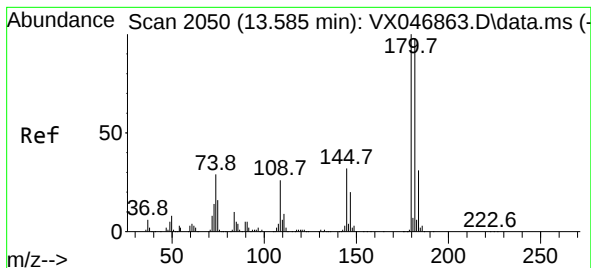
Tgt Ion:146 Resp: 364556
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 64.157 ug/l
 RT: 12.938 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX046961.D
 Acq: 14 Jul 2025 09:16

Tgt Ion: 75 Resp: 47729
 Ion Ratio Lower Upper
 75 100
 155 85.3 43.1 129.4
 157 106.7 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 53.095 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

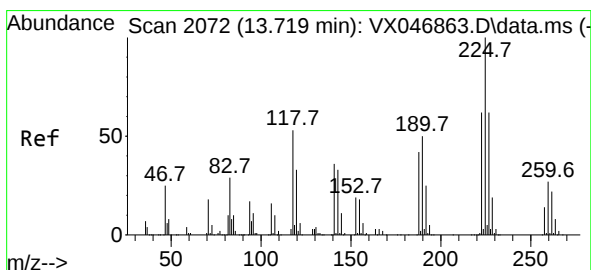
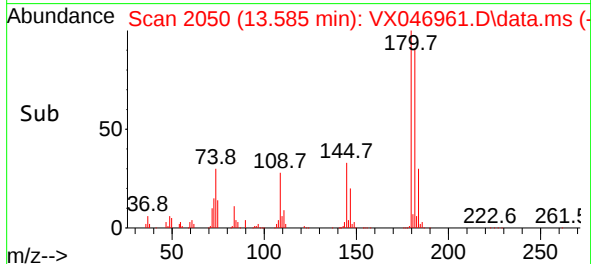
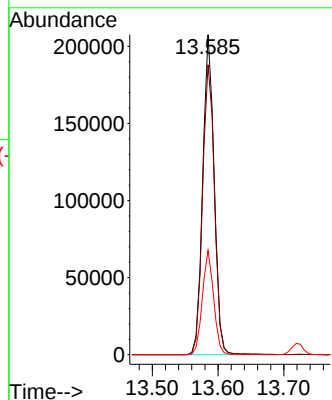
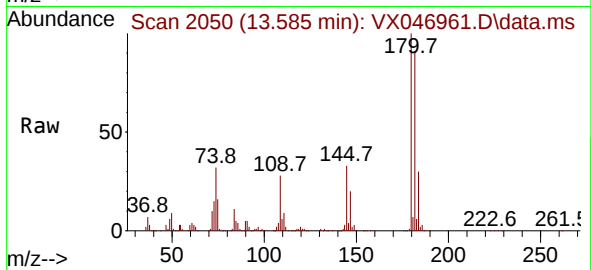
Tgt Ion:180 Resp: 251875

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.1 16.1 48.2



#94

Hexachlorobutadiene

Concen: 53.015 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

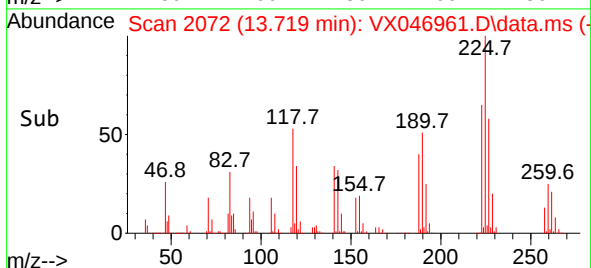
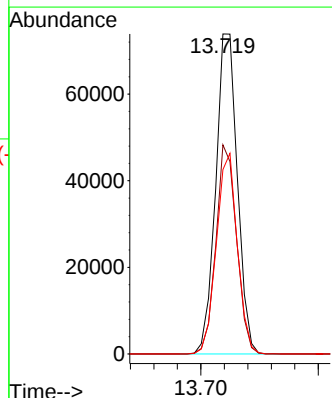
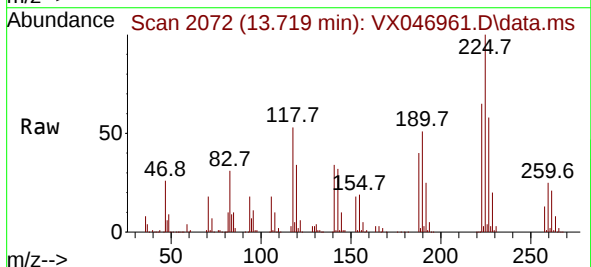
Tgt Ion:225 Resp: 94846

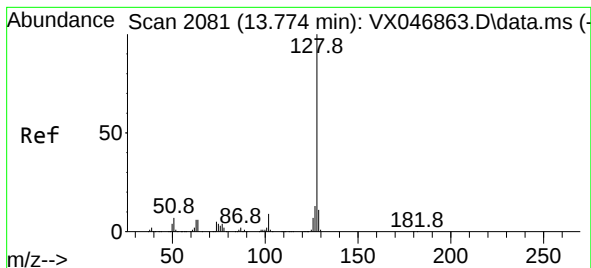
Ion Ratio Lower Upper

225 100

223 62.2 31.6 94.7

227 60.6 31.6 94.7





#95

Naphthalene

Concen: 60.391 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

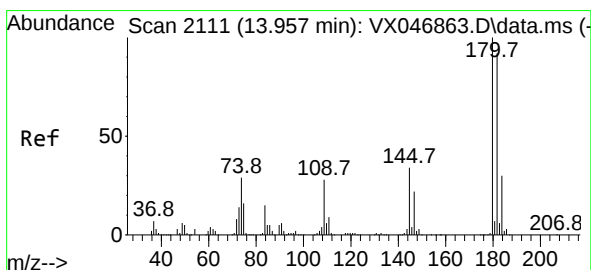
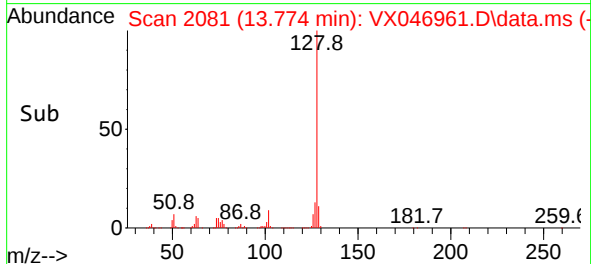
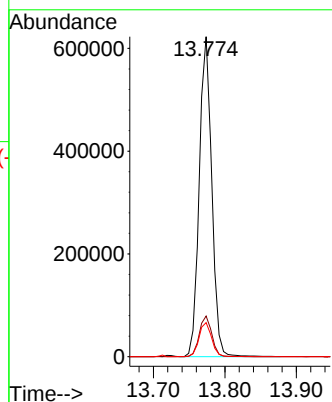
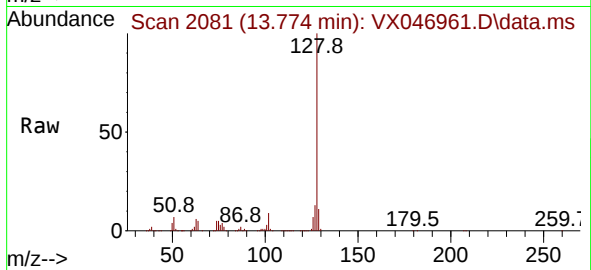
Tgt Ion:128 Resp: 754921

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.736 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046961.D

Acq: 14 Jul 2025 09:16

Tgt Ion:180 Resp: 245343

Ion Ratio Lower Upper

180 100

182 93.9 46.7 140.1

145 33.9 16.8 50.3

