

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047038.D
 Acq On : 18 Jul 2025 10:20
 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 19 04:18:55 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	359107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247187	52.104	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.200%	
35) Dibromofluoromethane	5.391	113	197225	48.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.360%	
50) Toluene-d8	8.647	98	698836	48.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.079	95	268006	49.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	180110	52.444	ug/l	99
3) Chloromethane	1.307	50	181912	48.481	ug/l	97
4) Vinyl Chloride	1.386	62	201461	49.304	ug/l	99
5) Bromomethane	1.618	94	124780	47.527	ug/l	98
6) Chloroethane	1.703	64	131068	48.577	ug/l	98
7) Trichlorofluoromethane	1.904	101	339348	53.710	ug/l	97
8) Diethyl Ether	2.142	74	125225	55.695	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	216362	53.742	ug/l	98
10) Methyl Iodide	2.465	142	212256	48.393	ug/l	97
11) Tert butyl alcohol	2.953	59	118927	382.223	ug/l	100
12) 1,1-Dichloroethene	2.331	96	198653	51.015	ug/l	99
13) Acrolein	2.245	56	86657	252.018	ug/l	98
14) Allyl chloride	2.678	41	383442	55.308	ug/l	99
15) Acrylonitrile	3.069	53	541071	300.773	ug/l	100
16) Acetone	2.386	43	456956	310.088	ug/l	96
17) Carbon Disulfide	2.526	76	415942	40.730	ug/l	100
18) Methyl Acetate	2.709	43	326030	83.939	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	684514	62.249	ug/l	99
20) Methylene Chloride	2.800	84	223275	51.238	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	203827	51.154	ug/l	99
22) Diisopropyl ether	3.764	45	776474	57.972	ug/l	97
23) Vinyl Acetate	3.727	43	2906252	289.628	ug/l	99
24) 1,1-Dichloroethane	3.617	63	411882	53.920	ug/l	100
25) 2-Butanone	4.556	43	641929	326.499	ug/l	99
26) 2,2-Dichloropropane	4.483	77	338110	59.474	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	257744	52.980	ug/l	97
28) Bromochloromethane	4.904	49	186260	49.407	ug/l	96
29) Tetrahydrofuran	5.001	42	409749	326.933	ug/l	98
30) Chloroform	5.099	83	419304	53.730	ug/l	98
31) Cyclohexane	5.477	56	333317	49.152	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	359990	55.214	ug/l	99
36) 1,1-Dichloropropene	5.696	75	279320	51.101	ug/l	99
37) Ethyl Acetate	4.715	43	271325	58.280	ug/l	99
38) Carbon Tetrachloride	5.684	117	309823	53.613	ug/l	99
39) Methylcyclohexane	7.379	83	343483	50.235	ug/l	99
40) Benzene	6.037	78	845590	51.145	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	155817	62.741	ug/l	97
42) 1,2-Dichloroethane	6.086	62	303600	54.078	ug/l	99
43) Isopropyl Acetate	6.336	43	456044	63.954	ug/l	99
44) Trichloroethene	7.123	130	219800	51.072	ug/l	99
45) 1,2-Dichloropropane	7.428	63	221449	53.015	ug/l	99
46) Dibromomethane	7.580	93	154324	53.323	ug/l	98
47) Bromodichloromethane	7.818	83	334287	54.094	ug/l	99
48) Methyl methacrylate	7.690	41	240400	65.290	ug/l	97
49) 1,4-Dioxane	7.653	88	57468	1347.013	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	1361584	323.536	ug/l	100
52) Toluene	8.714	92	533990	52.122	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	328718	59.603	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	356481	56.628	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	207285	54.320	ug/l	99
56) Ethyl methacrylate	9.110	69	328405	62.178	ug/l	97
57) 1,3-Dichloropropane	9.305	76	356376	54.236	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	825602	277.426	ug/l	100
59) 2-Hexanone	9.427	43	941297	337.206	ug/l	99
60) Dibromochloromethane	9.519	129	243894	53.406	ug/l	100
61) 1,2-Dibromoethane	9.604	107	209351	54.626	ug/l	99
64) Tetrachloroethene	9.269	164	174590	50.656	ug/l	96
65) Chlorobenzene	10.079	112	598059	53.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	209879	55.784	ug/l	98
67) Ethyl Benzene	10.189	91	1055615	55.076	ug/l	99
68) m/p-Xylenes	10.299	106	781683	108.232	ug/l	98
69) o-Xylene	10.640	106	381009	54.613	ug/l	100
70) Styrene	10.653	104	660573	55.343	ug/l	98
71) Bromoform	10.799	173	159070	56.862	ug/l	98
73) Isopropylbenzene	10.957	105	1018068	58.709	ug/l	99
74) N-amyl acetate	10.842	43	407853	69.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	290315	60.884	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	313063	82.135	ug/l	86
77) Bromobenzene	11.195	156	243145	56.292	ug/l	96
78) n-propylbenzene	11.299	91	1208086	57.776	ug/l	100
79) 2-Chlorotoluene	11.360	91	711268	57.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	826940	58.688	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	94917	66.825	ug/l	100
82) 4-Chlorotoluene	11.451	91	838693	58.865	ug/l	99
83) tert-Butylbenzene	11.713	119	850948	58.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	837919	58.834	ug/l	96
85) sec-Butylbenzene	11.890	105	1063839	57.979	ug/l	100
86) p-Isopropyltoluene	12.006	119	895123	58.255	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	456306	56.486	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	455918	54.229	ug/l	99
89) n-Butylbenzene	12.329	91	839391	58.139	ug/l	99
90) Hexachloroethane	12.536	117	159340	58.497	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	431644	55.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57256	68.653	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	302844	56.945	ug/l	100
94) Hexachlorobutadiene	13.719	225	105778	52.741	ug/l	98
95) Naphthalene	13.774	128	903744	64.490	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	286344	56.984	ug/l	98

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

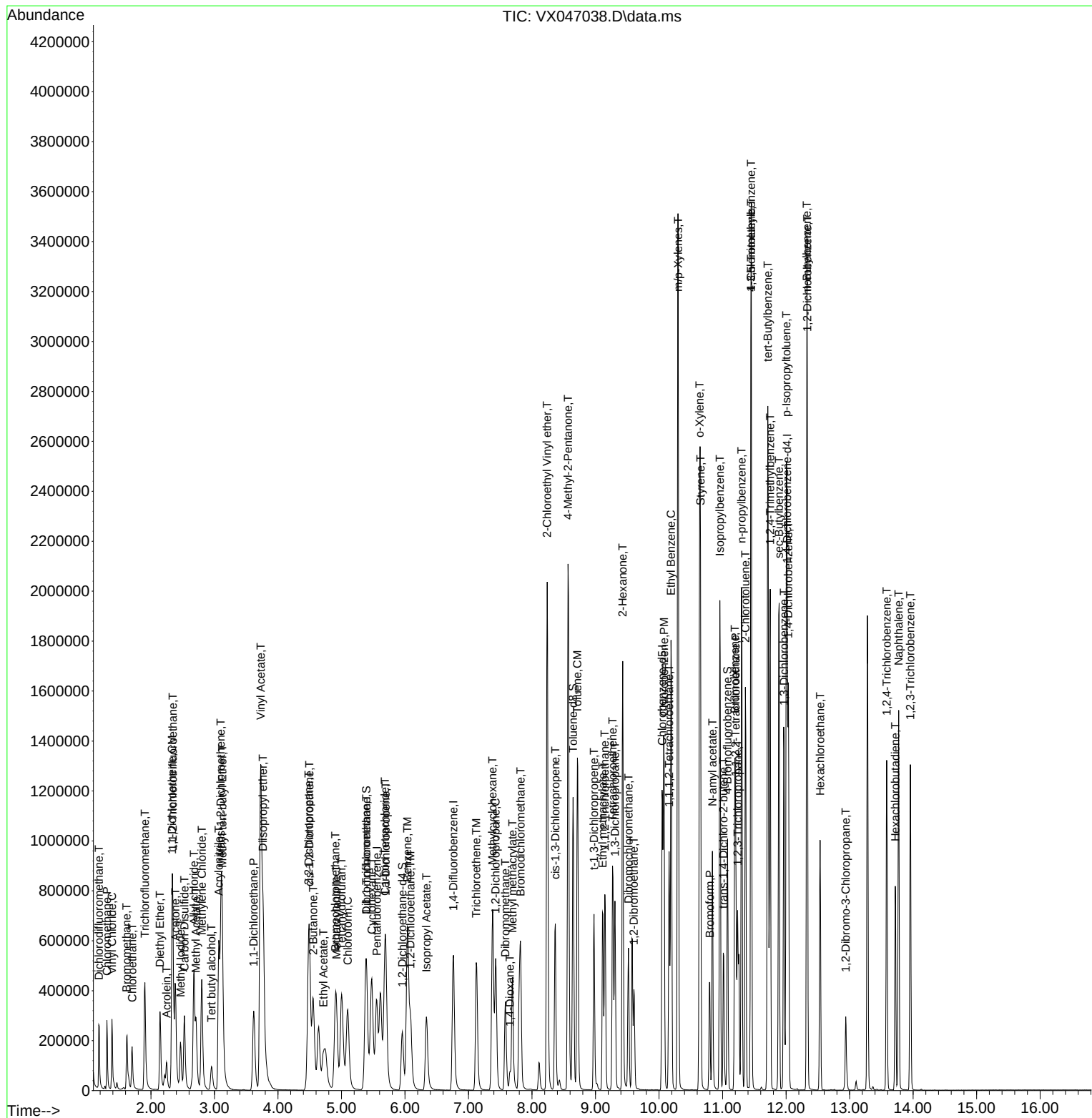
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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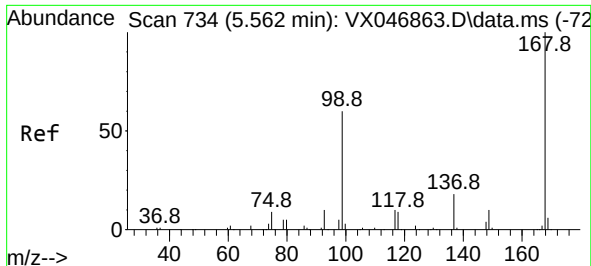
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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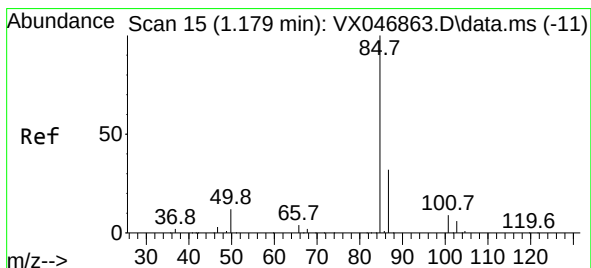
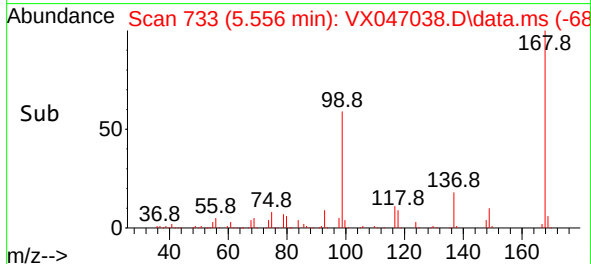
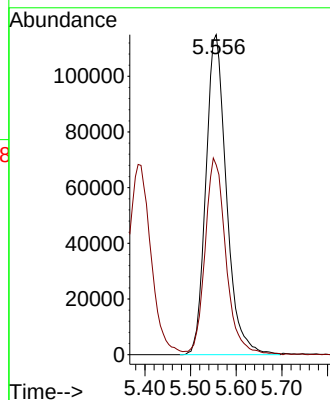
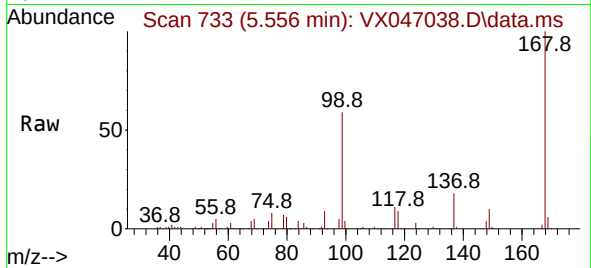




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047038.D
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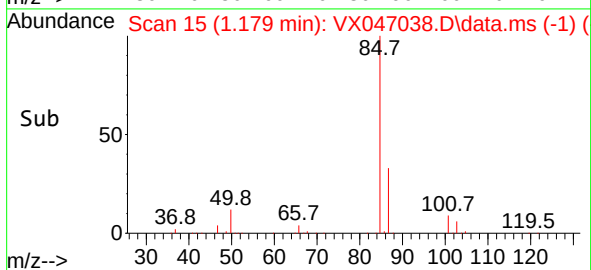
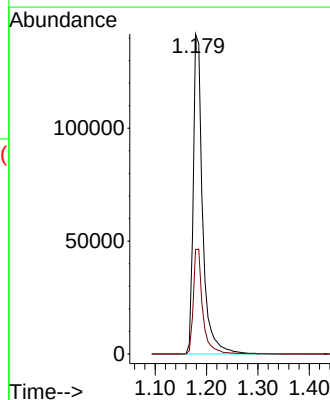
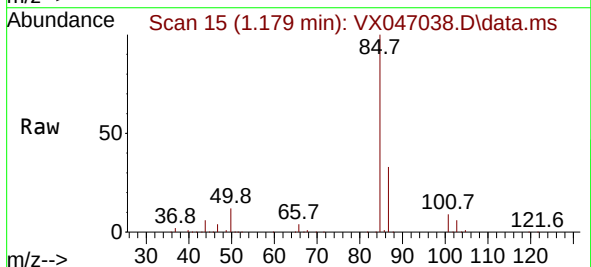
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

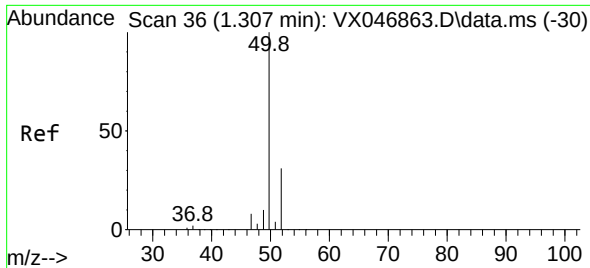
Tgt Ion:168 Resp: 359107
Ion Ratio Lower Upper
168 100
99 59.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 52.444 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 85 Resp: 180110
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9

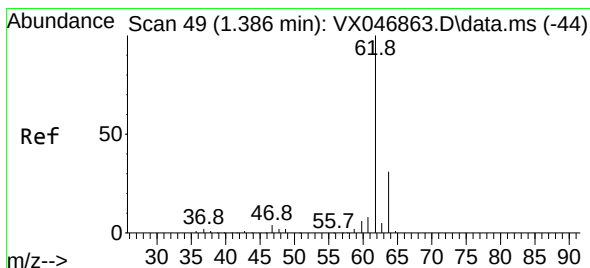
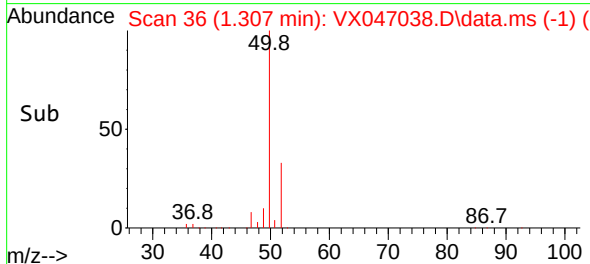
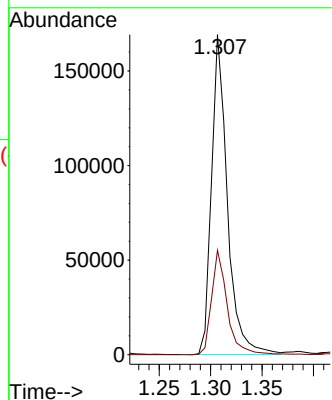
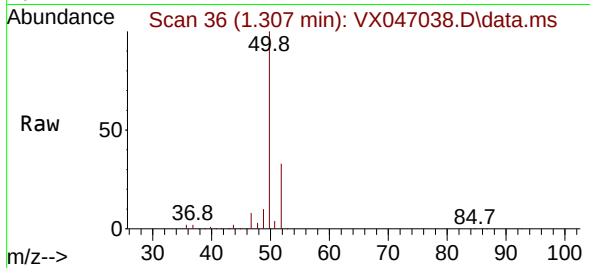




#3
Chloromethane
Concen: 48.481 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

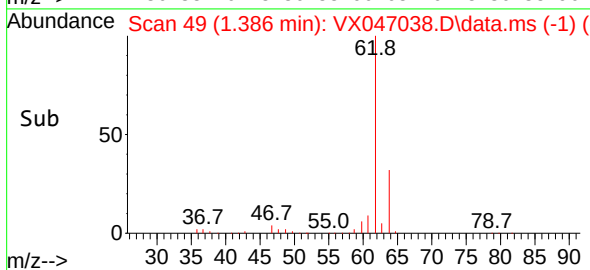
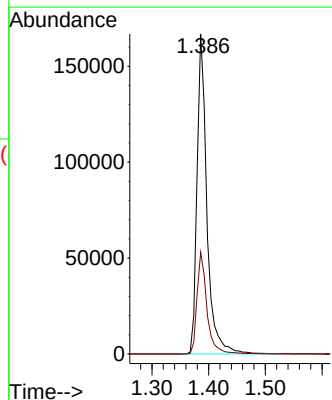
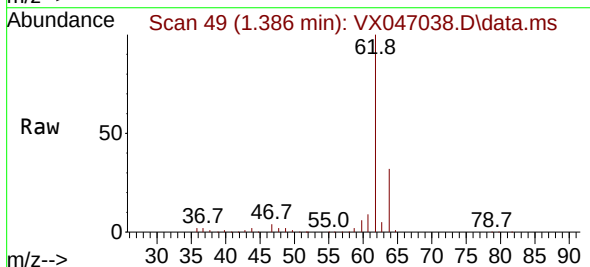
Instrument :
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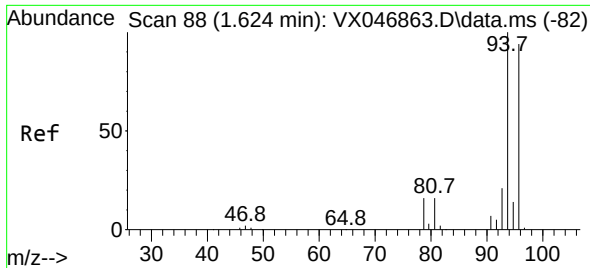
Tgt Ion: 50 Resp: 181912
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 49.304 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 62 Resp: 201461
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.4

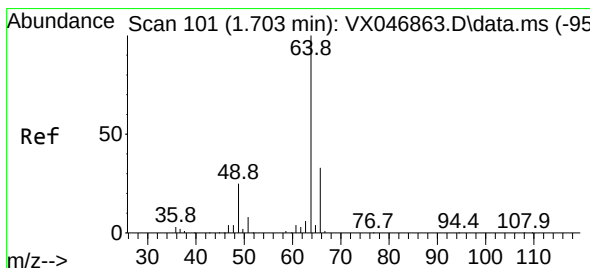
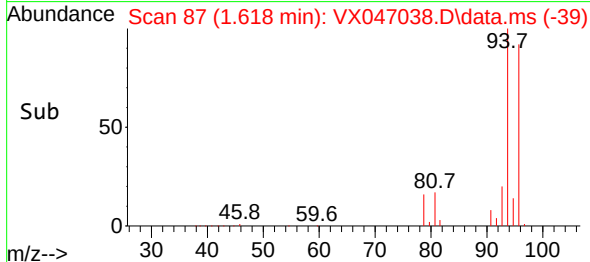
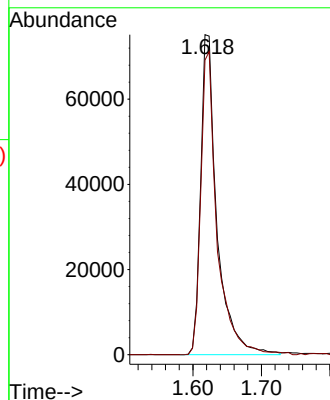
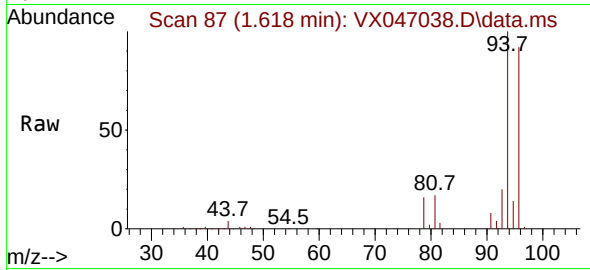




#5
Bromomethane
Concen: 47.527 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX047038.D
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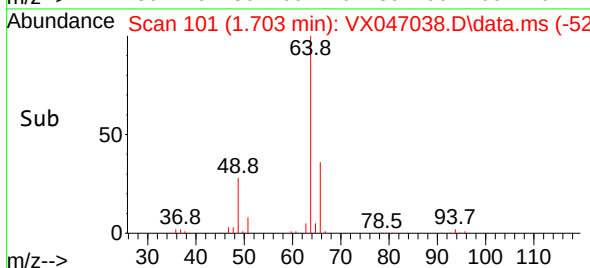
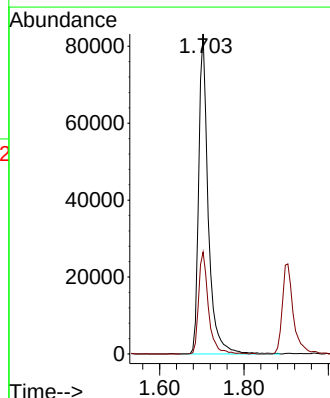
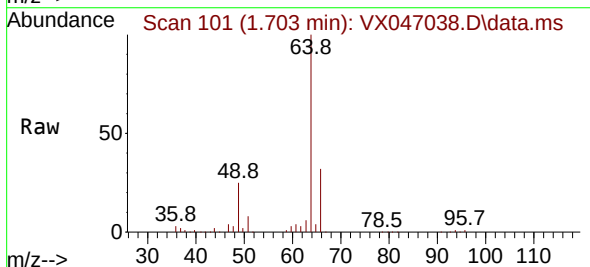
Instrument :
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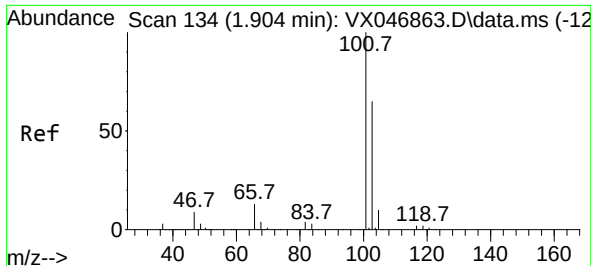
Tgt Ion: 94 Resp: 124780
Ion Ratio Lower Upper
94 100
96 92.0 75.5 113.3



#6
Chloroethane
Concen: 48.577 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 64 Resp: 131068
Ion Ratio Lower Upper
64 100
66 31.9 26.4 39.6

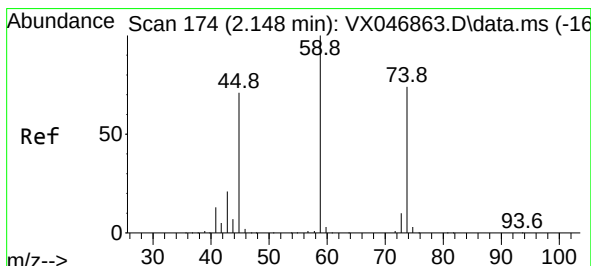
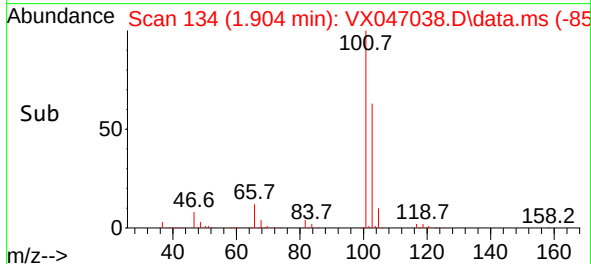
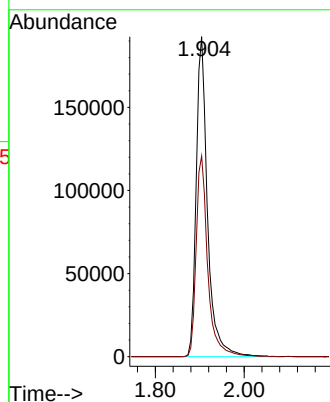
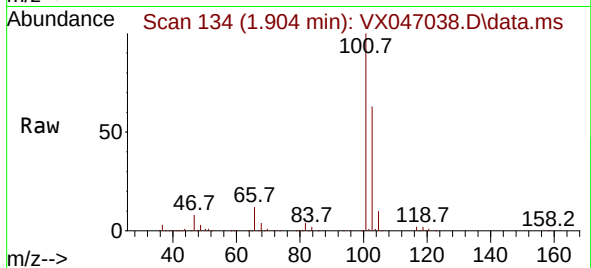




#7
Trichlorofluoromethane
Concen: 53.710 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047038.D
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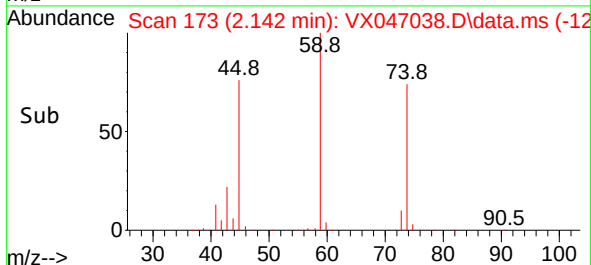
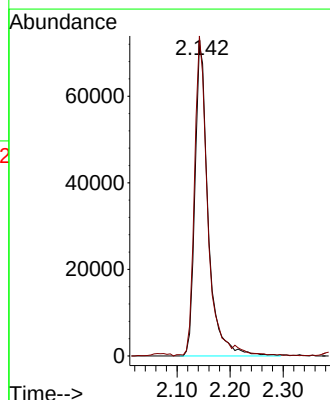
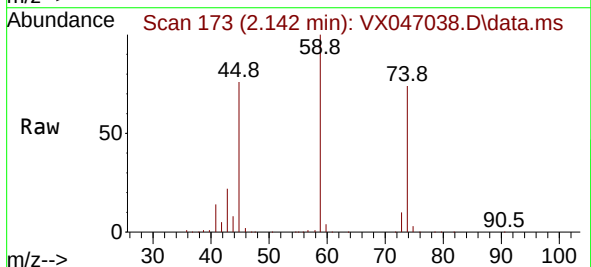
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

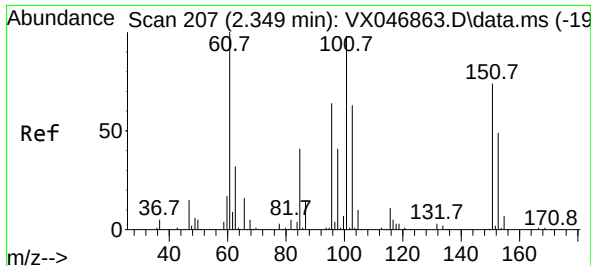
Tgt Ion:101 Resp: 339348
Ion Ratio Lower Upper
101 100
103 62.7 51.9 77.9



#8
Diethyl Ether
Concen: 55.695 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX047038.D
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Tgt Ion: 74 Resp: 125225
Ion Ratio Lower Upper
74 100
45 103.7 50.7 152.1

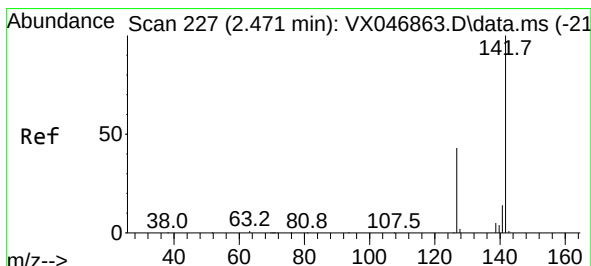
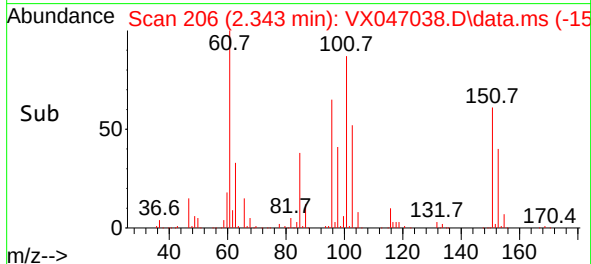
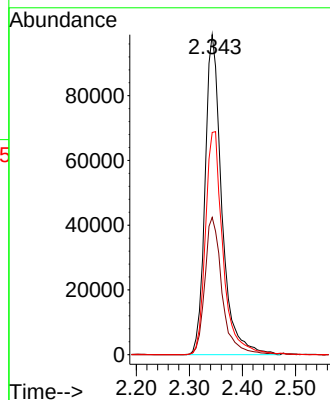
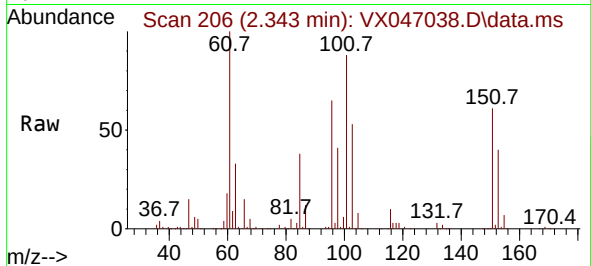




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.742 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

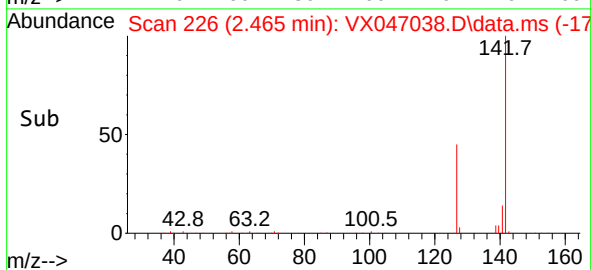
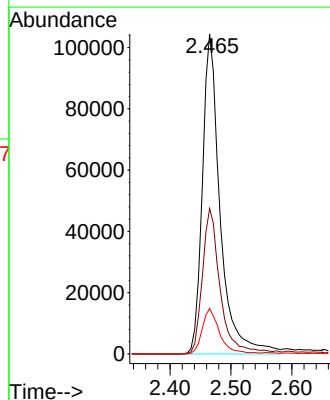
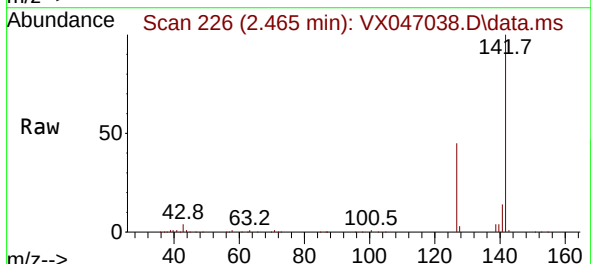
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

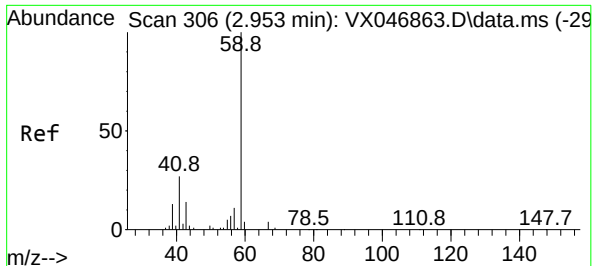
Tgt Ion:101 Resp: 216362
Ion Ratio Lower Upper
101 100
85 44.3 34.3 51.5
151 73.2 59.9 89.9



#10
Methyl Iodide
Concen: 48.393 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:142 Resp: 212256
Ion Ratio Lower Upper
142 100
127 45.8 34.9 52.3
141 13.9 11.1 16.7

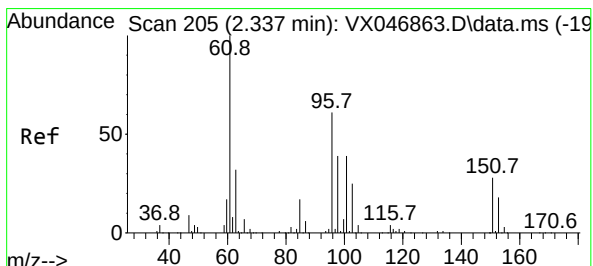
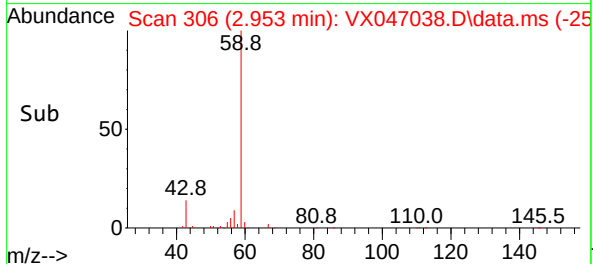
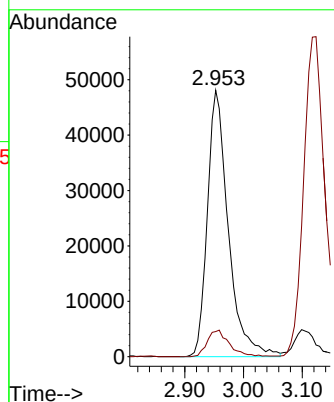
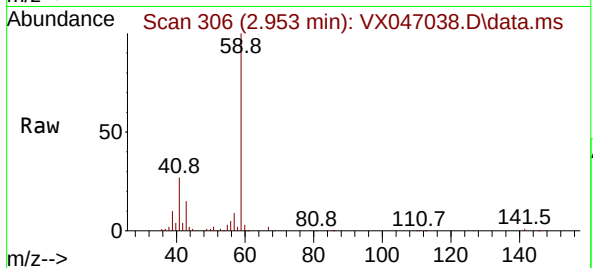




#11
Tert butyl alcohol
Concen: 382.223 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

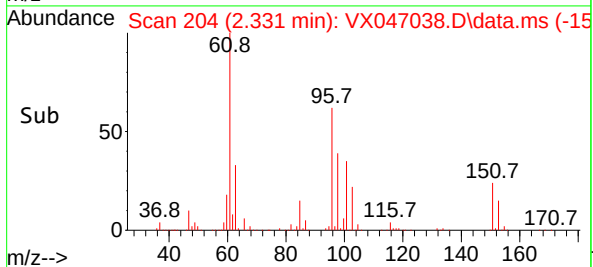
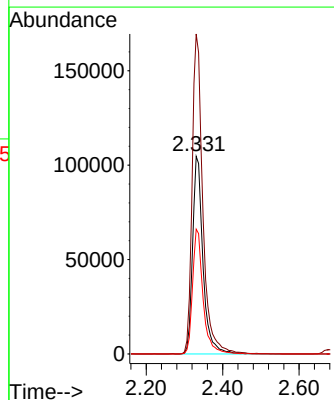
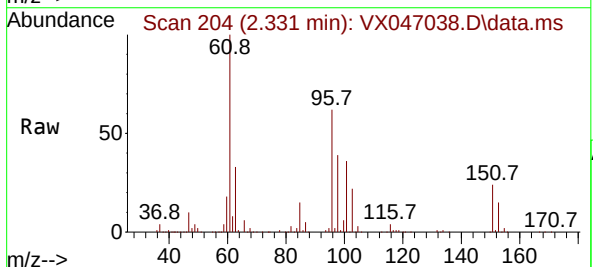
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

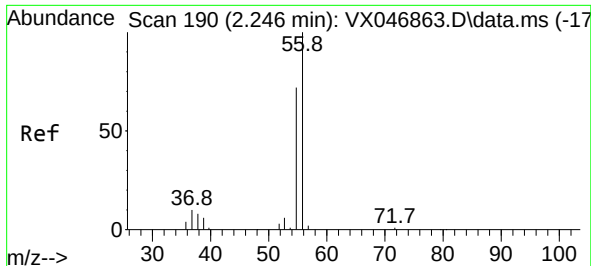
Tgt Ion: 59 Resp: 118927
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.015 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 96 Resp: 198653
Ion Ratio Lower Upper
96 100
61 161.9 130.2 195.4
98 63.1 51.3 76.9

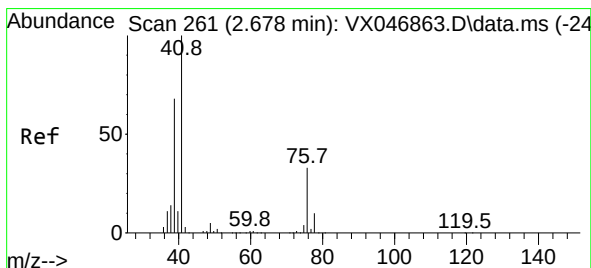
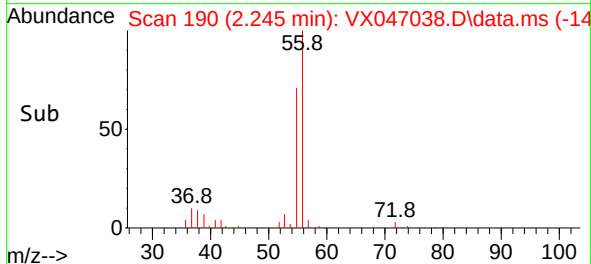
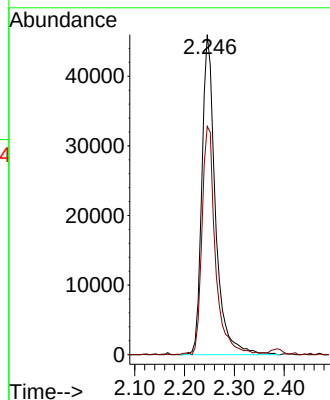
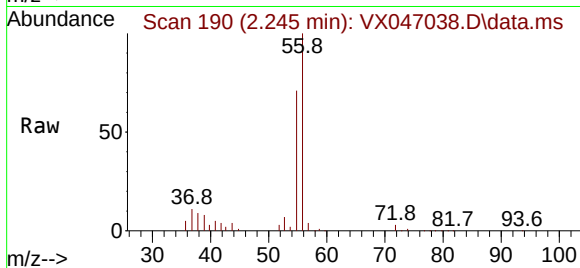




#13
Acrolein
Concen: 252.018 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

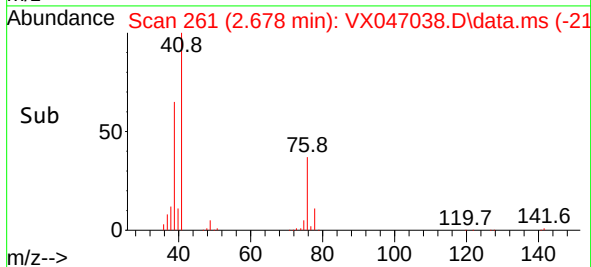
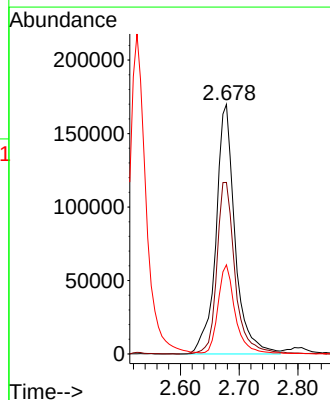
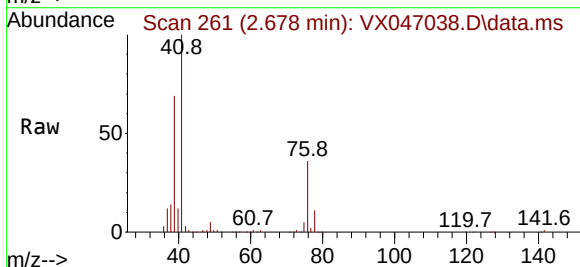
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

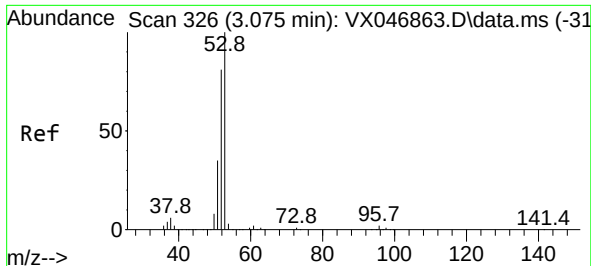
Tgt Ion: 56 Resp: 86657
Ion Ratio Lower Upper
56 100
55 71.2 55.5 83.3



#14
Allyl chloride
Concen: 55.308 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 41 Resp: 383442
Ion Ratio Lower Upper
41 100
39 65.9 52.0 78.0
76 32.5 26.2 39.2

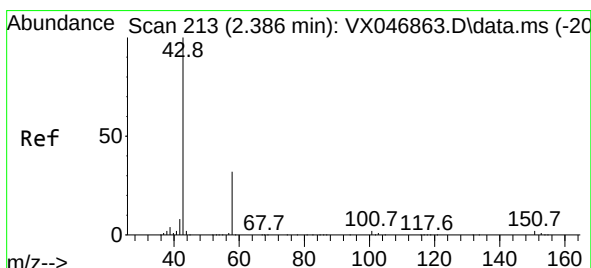
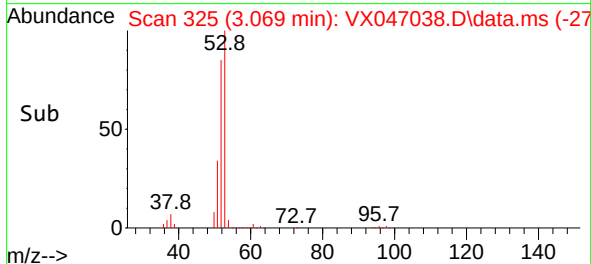
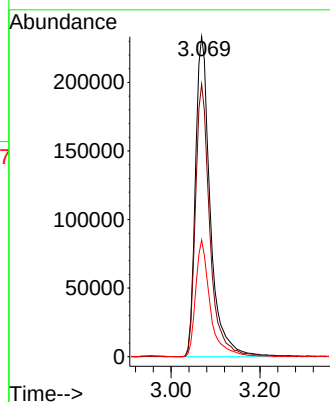
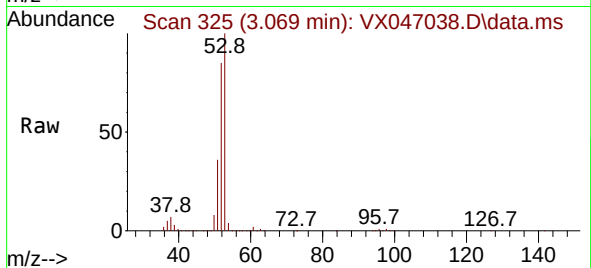




#15
Acrylonitrile
Concen: 300.773 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

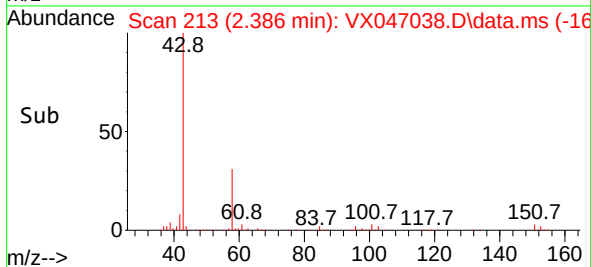
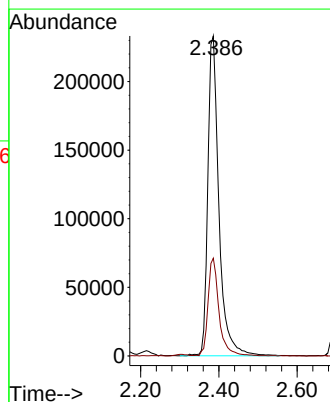
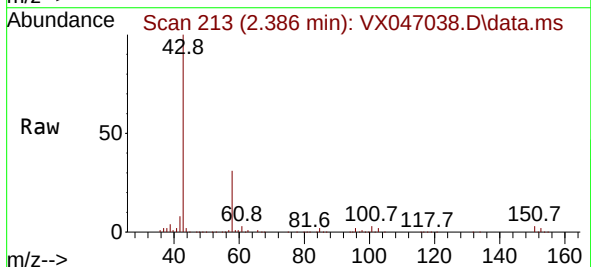
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

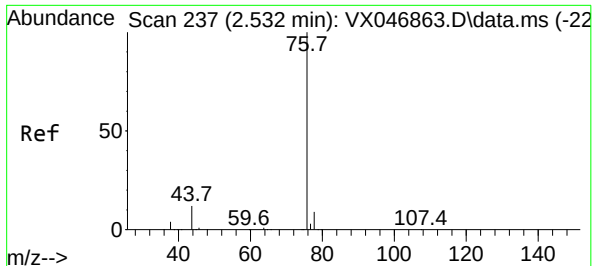
Tgt Ion: 53 Resp: 541071
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.7 28.6 43.0



#16
Acetone
Concen: 310.088 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 43 Resp: 456956
Ion Ratio Lower Upper
43 100
58 29.8 25.8 38.6

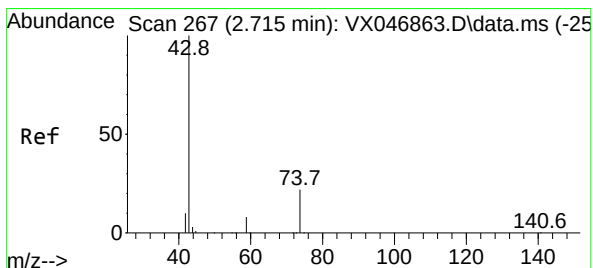
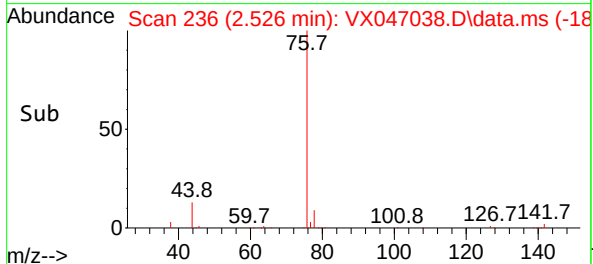
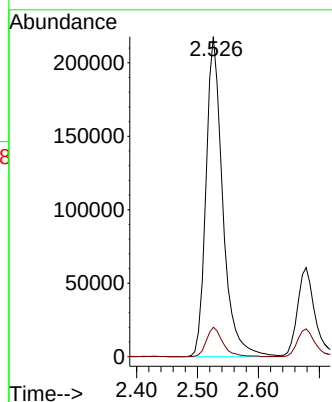
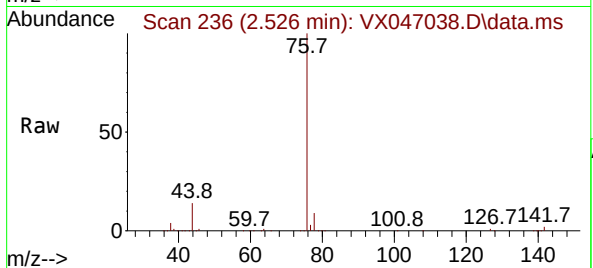




#17
Carbon Disulfide
Concen: 40.730 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

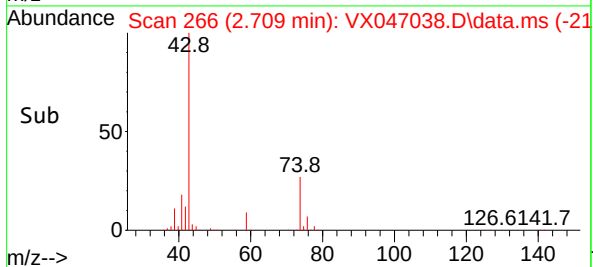
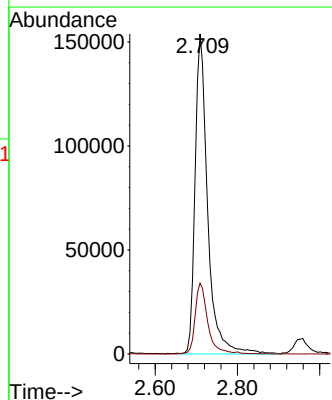
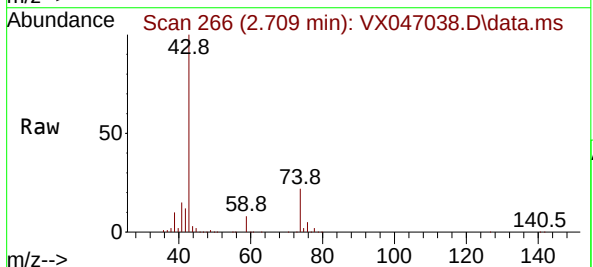
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

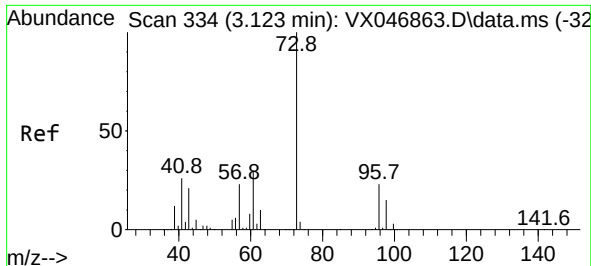
Tgt Ion: 76 Resp: 415942
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 83.939 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 43 Resp: 326030
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5

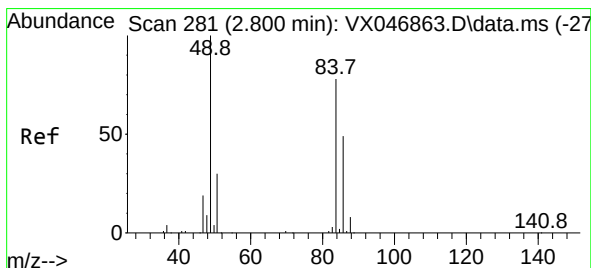
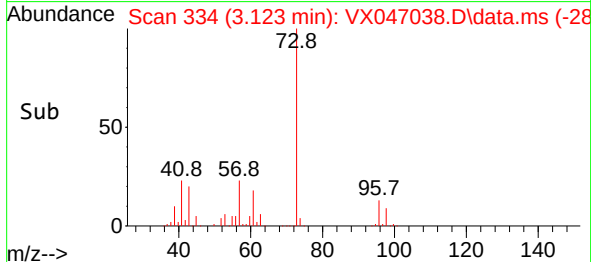
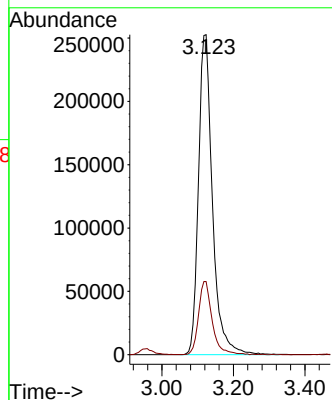
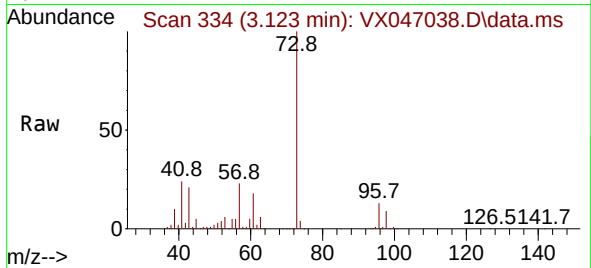




#19
Methyl tert-butyl Ether
Concen: 62.249 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

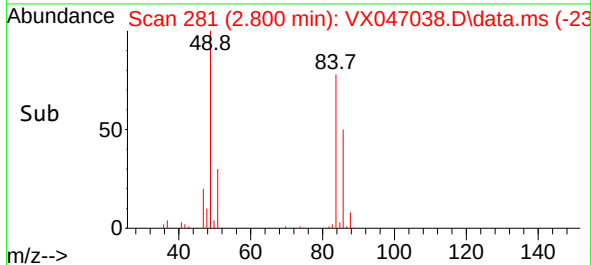
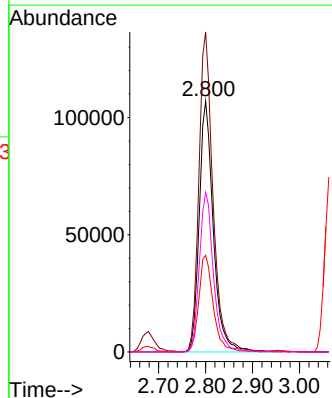
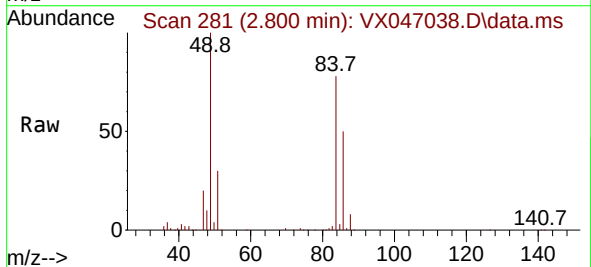
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

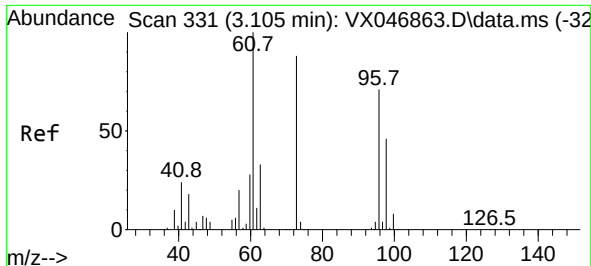
Tgt Ion: 73 Resp: 684514
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 51.238 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 84 Resp: 223275
Ion Ratio Lower Upper
84 100
49 127.5 102.8 154.2
51 38.6 31.1 46.7
86 63.7 50.6 75.8

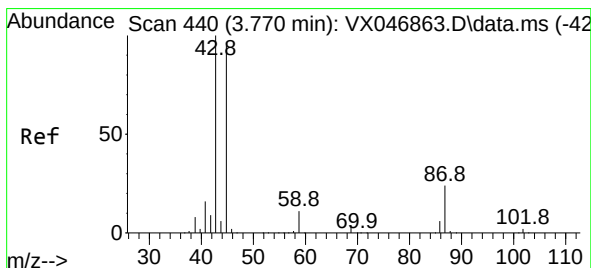
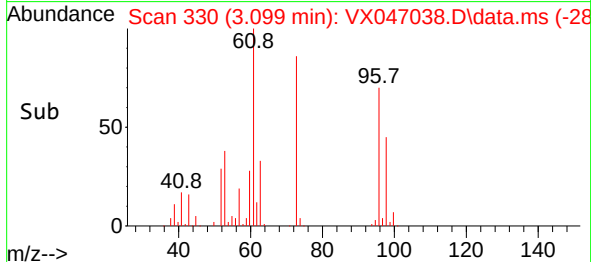
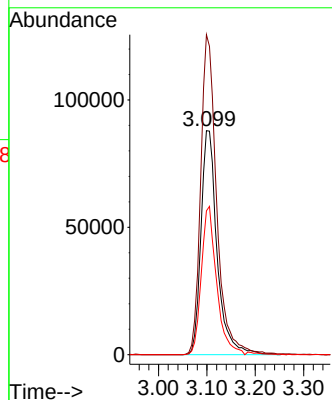
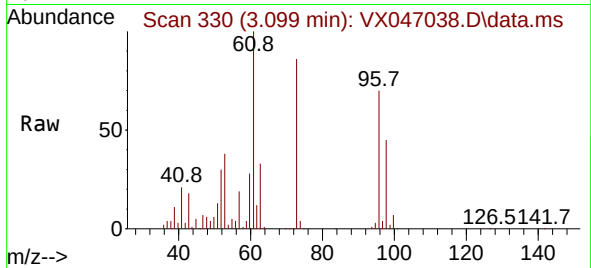




#21
trans-1,2-Dichloroethene
Concen: 51.154 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

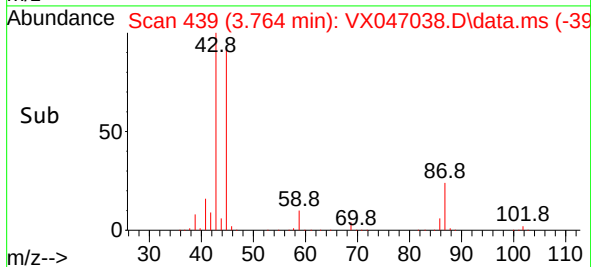
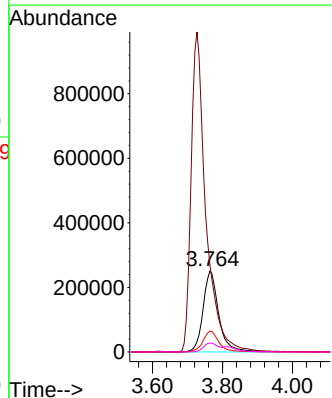
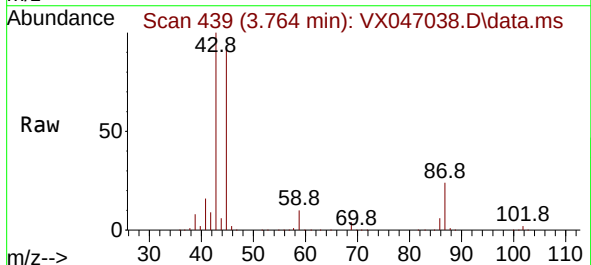
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

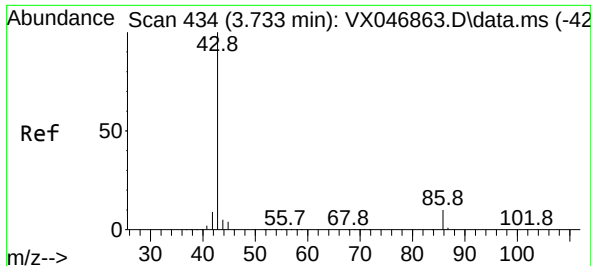
Tgt Ion: 96 Resp: 203827
Ion Ratio Lower Upper
96 100
61 142.9 113.4 170.2
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 57.972 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 45 Resp: 776474
Ion Ratio Lower Upper
45 100
43 108.8 84.2 126.4
87 25.8 20.3 30.5
59 10.9 8.9 13.3

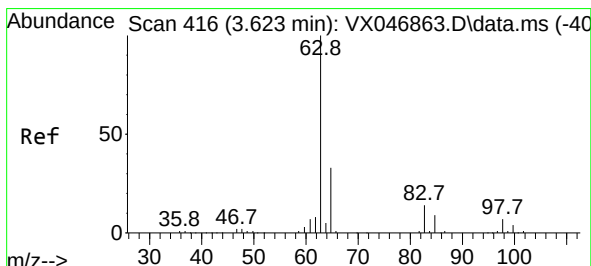
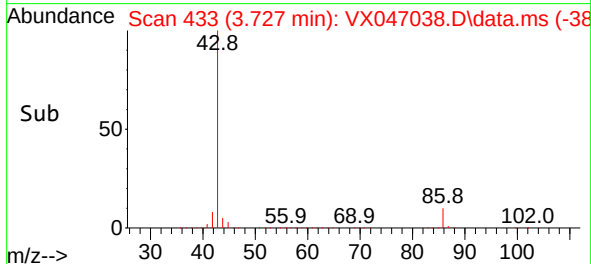
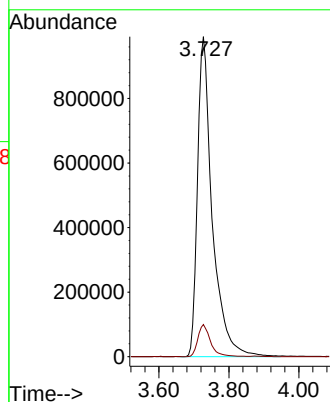
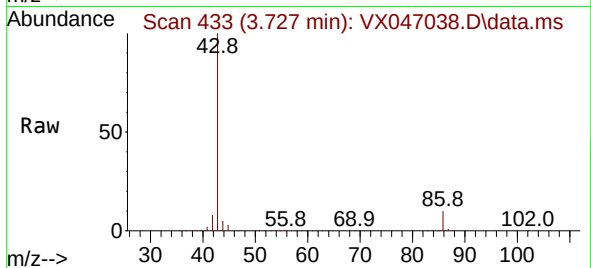




#23
 Vinyl Acetate
 Concen: 289.628 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

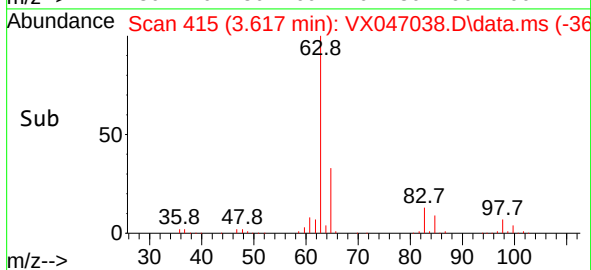
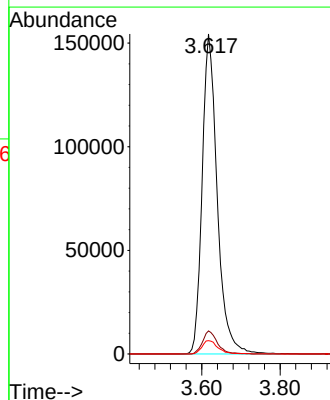
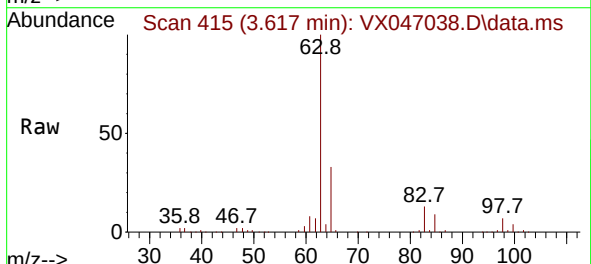
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

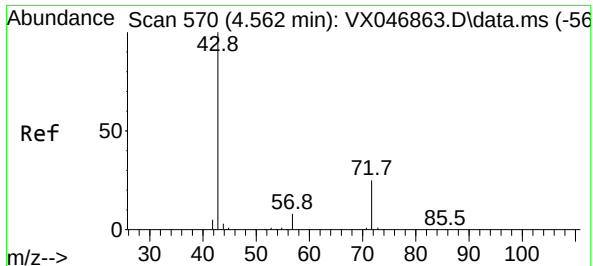
Tgt Ion: 43 Resp: 2906252
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.920 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

Tgt Ion: 63 Resp: 411882
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.5 2.3 6.9

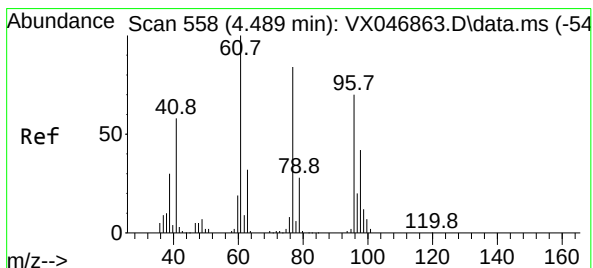
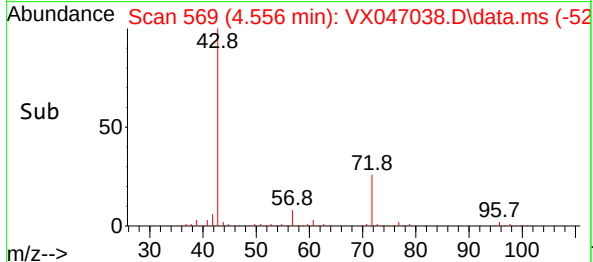
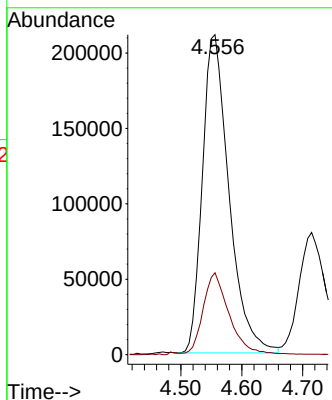
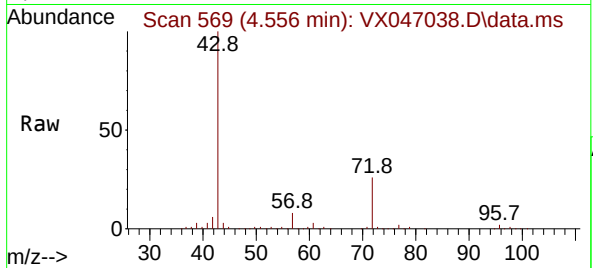




#25
2-Butanone
Concen: 326.499 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

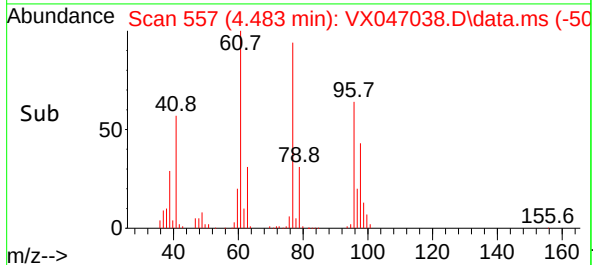
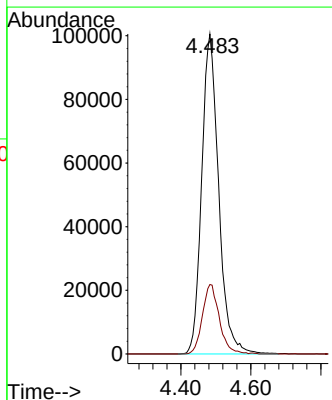
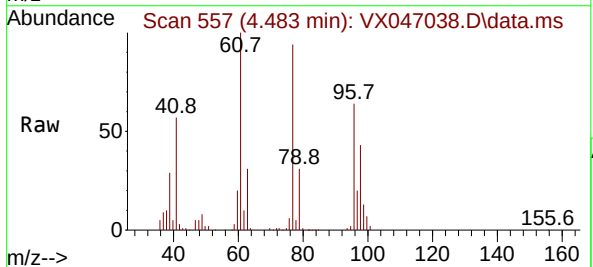
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

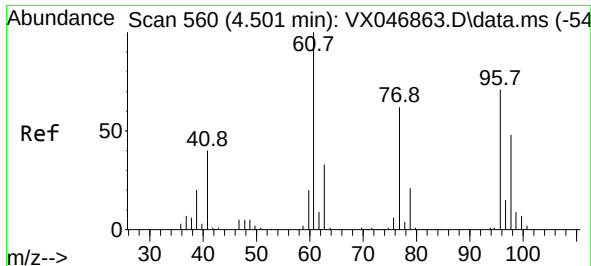
Tgt Ion: 43 Resp: 641929
Ion Ratio Lower Upper
43 100
72 25.4 20.0 30.0



#26
2,2-Dichloropropane
Concen: 59.474 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 77 Resp: 338110
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 52.980 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

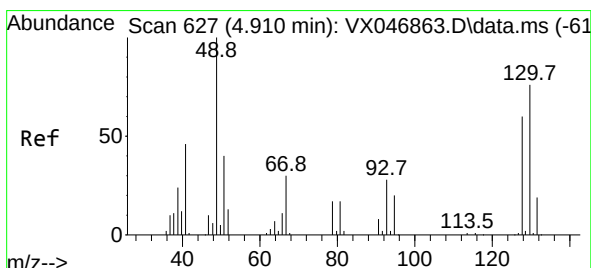
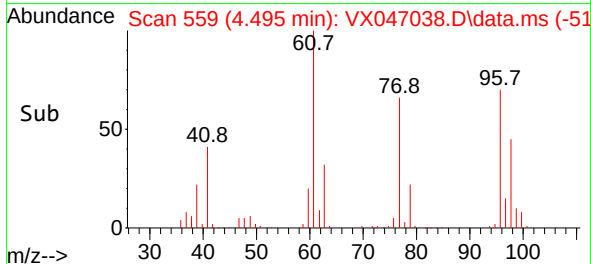
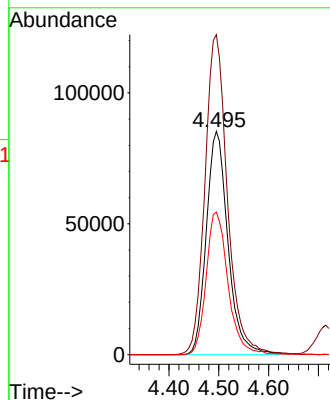
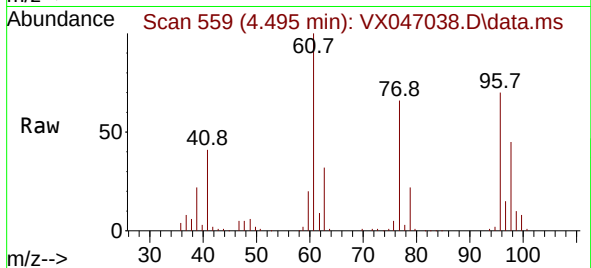
Tgt Ion: 96 Resp: 257744

Ion Ratio Lower Upper

96 100

61 148.9 0.0 288.6

98 64.7 0.0 128.8



#28

Bromochloromethane

Concen: 49.407 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

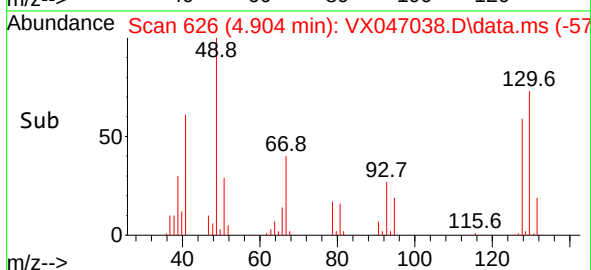
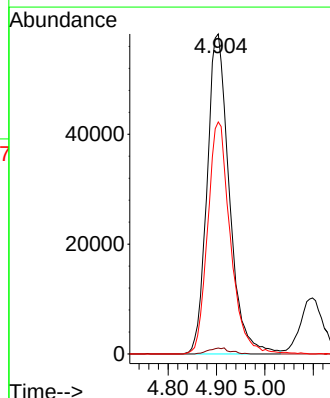
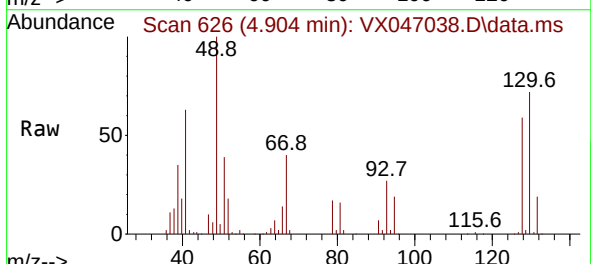
Tgt Ion: 49 Resp: 186260

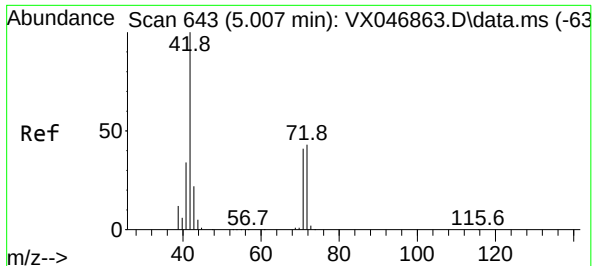
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 74.0 61.7 92.5





#29

Tetrahydrofuran

Concen: 326.933 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

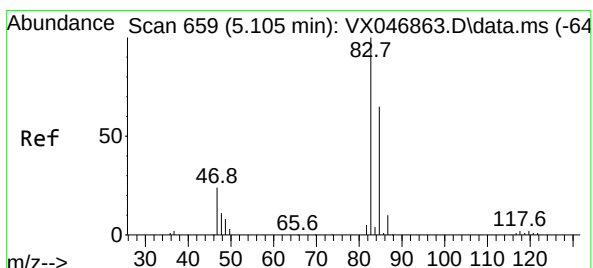
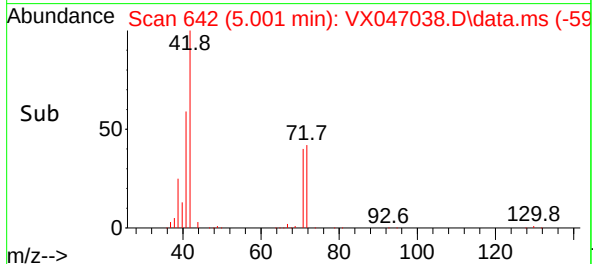
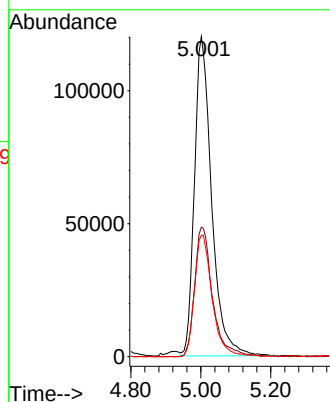
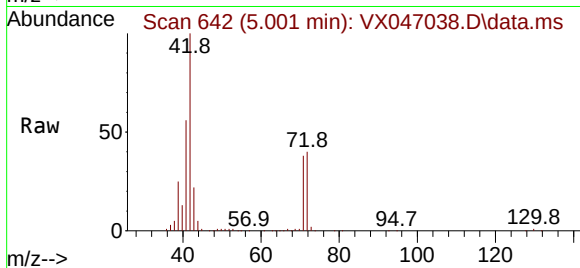
Tgt Ion: 42 Resp: 409749

Ion Ratio Lower Upper

42 100

72 42.2 35.1 52.7

71 39.2 31.9 47.9



#30

Chloroform

Concen: 53.730 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047038.D

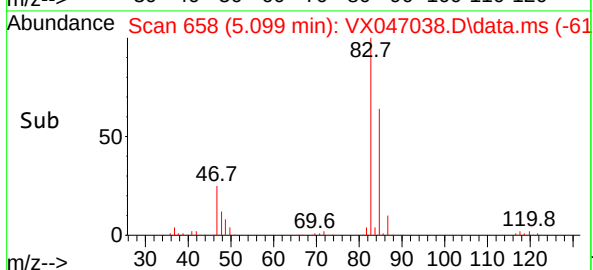
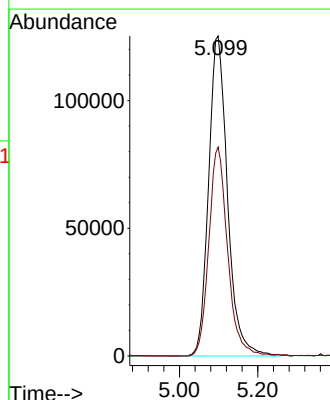
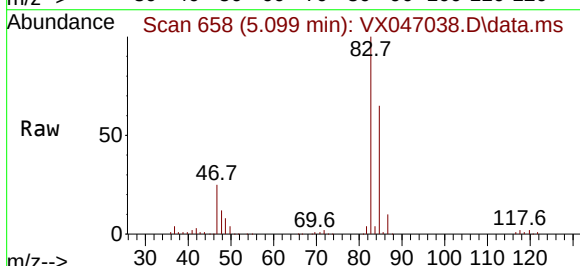
Acq: 18 Jul 2025 10:20

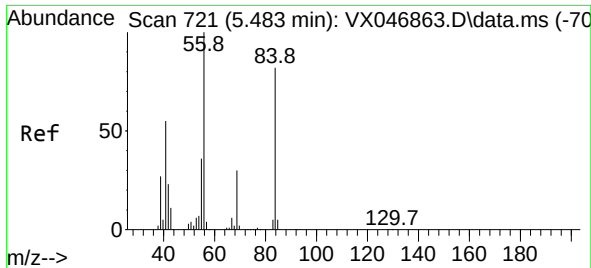
Tgt Ion: 83 Resp: 419304

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.8

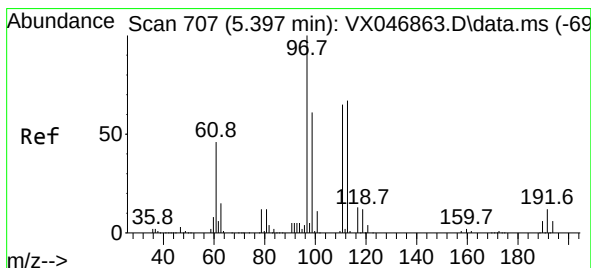
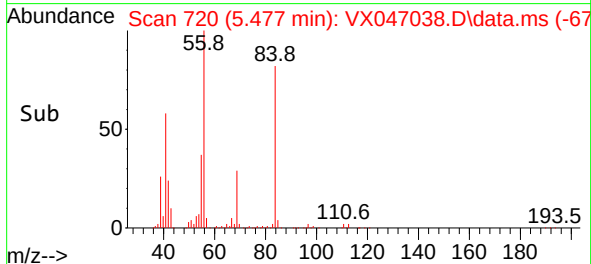
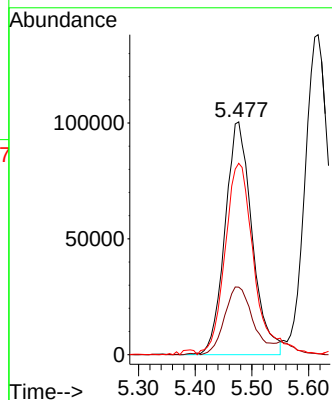
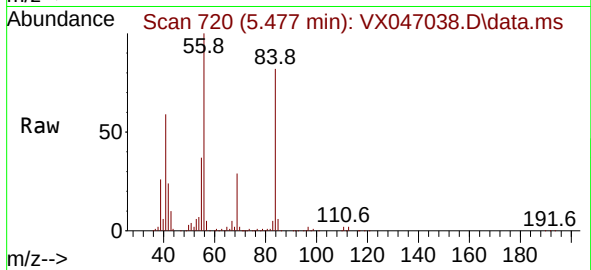




#31
Cyclohexane
Concen: 49.152 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

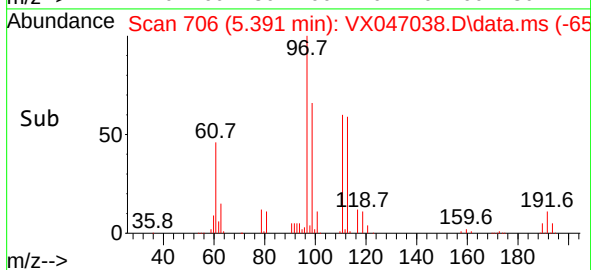
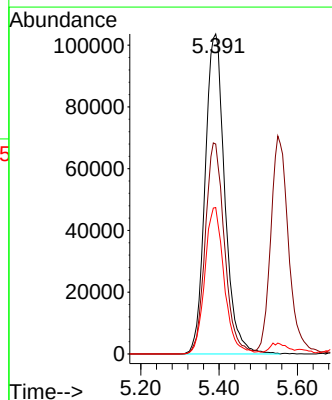
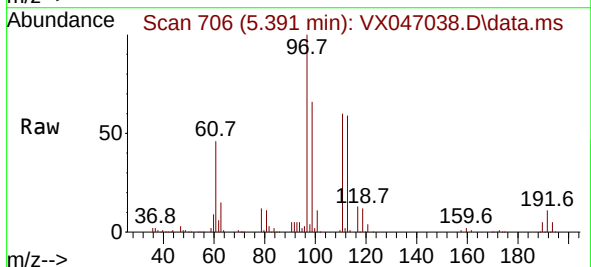
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

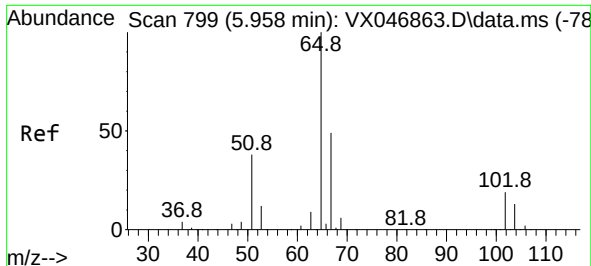
Tgt Ion: 56 Resp: 333317
Ion Ratio Lower Upper
56 100
69 28.6 24.0 36.0
84 82.0 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 55.214 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 97 Resp: 359990
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 45.2 36.3 54.5

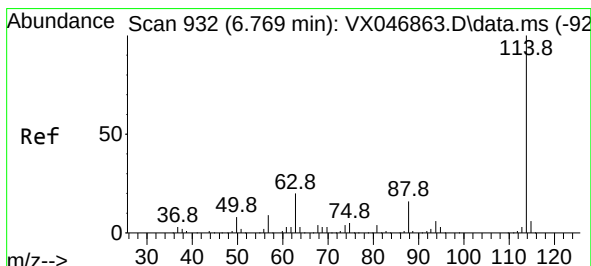
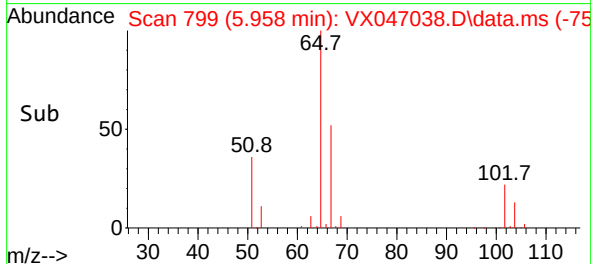
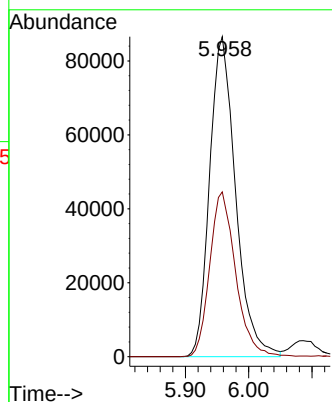
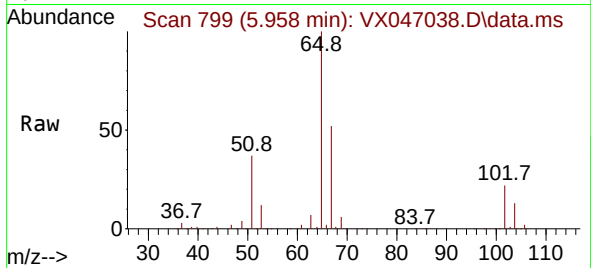




#33
 1,2-Dichloroethane-d4
 Concen: 52.104 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

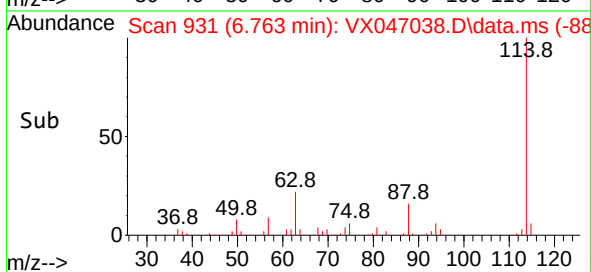
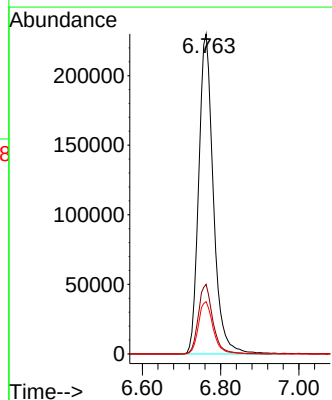
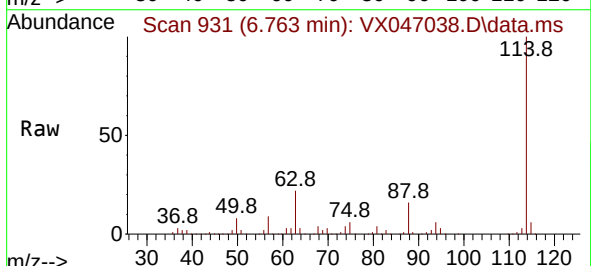
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

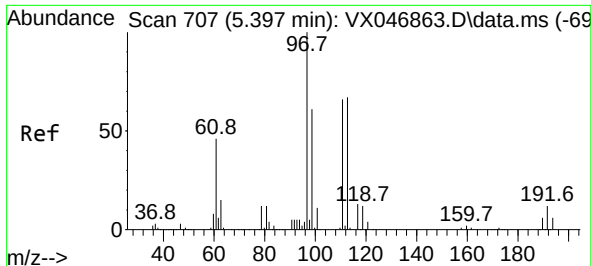
Tgt Ion: 65 Resp: 247187
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

Tgt Ion: 114 Resp: 596829
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.4
 88 16.3 0.0 31.0

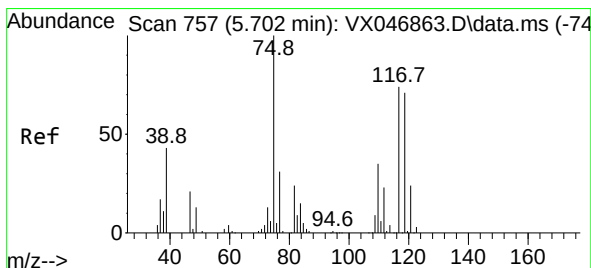
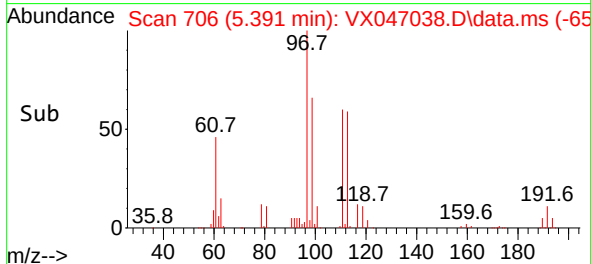
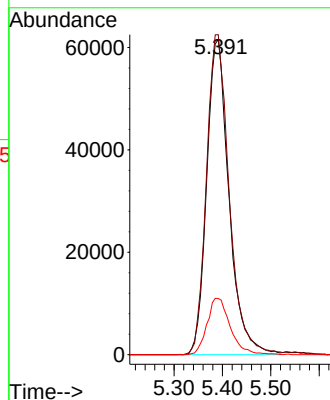
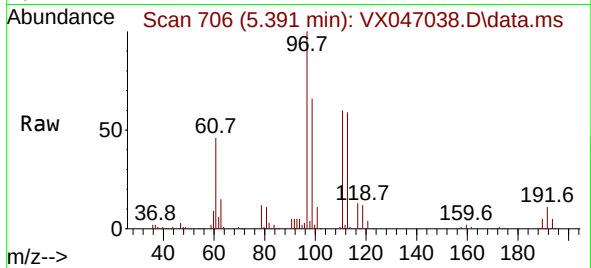




#35
Dibromofluoromethane
Concen: 48.682 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

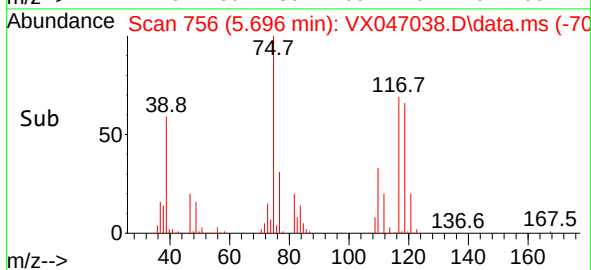
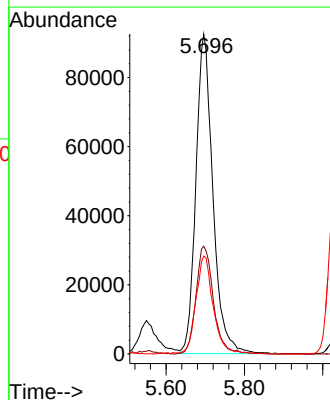
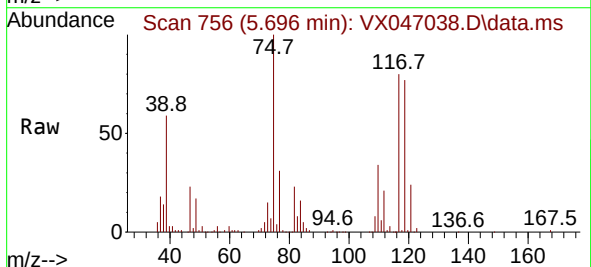
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

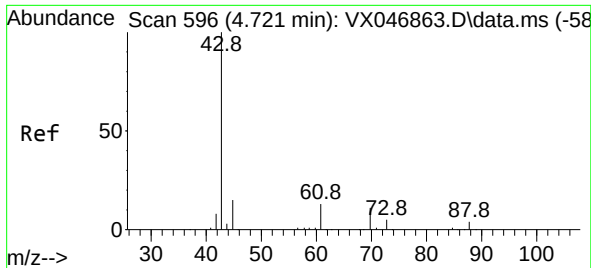
Tgt Ion:113 Resp: 197225
Ion Ratio Lower Upper
113 100
111 103.9 81.2 121.8
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 51.101 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 75 Resp: 279320
Ion Ratio Lower Upper
75 100
110 34.8 17.3 51.9
77 31.3 24.2 36.4





#37

Ethyl Acetate

Concen: 58.280 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

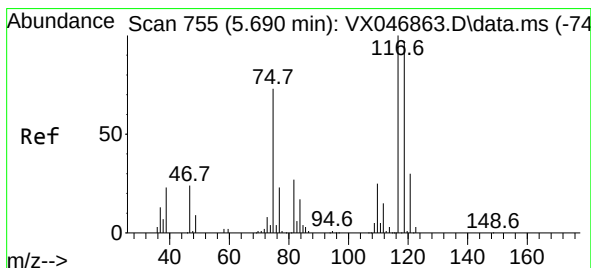
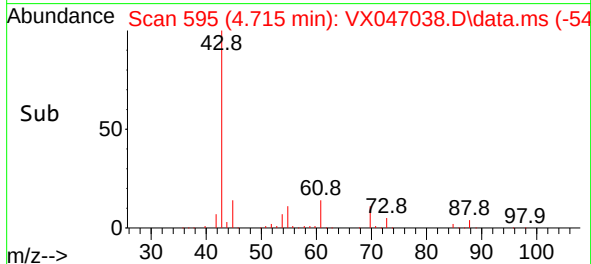
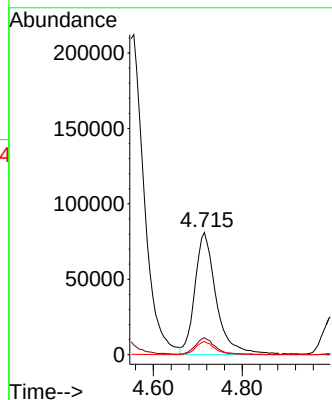
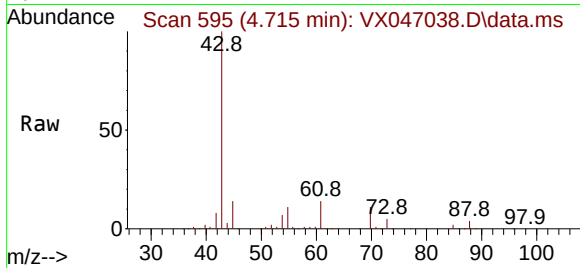
Tgt Ion: 43 Resp: 271325

Ion Ratio Lower Upper

43 100

61 11.8 9.7 14.5

70 9.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 53.613 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

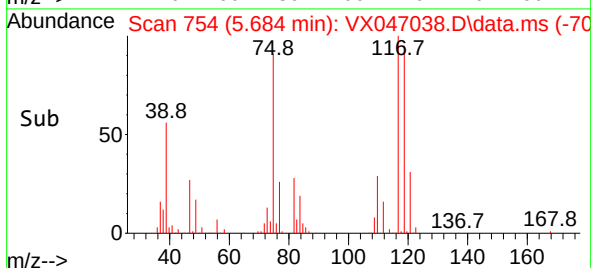
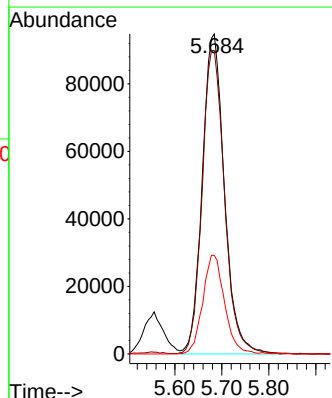
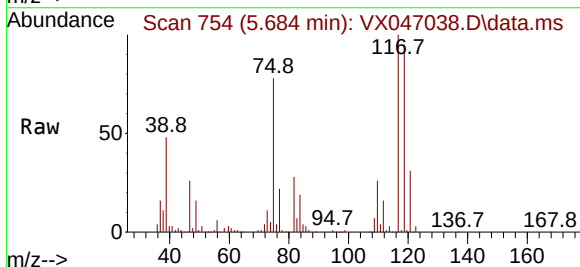
Tgt Ion: 117 Resp: 309823

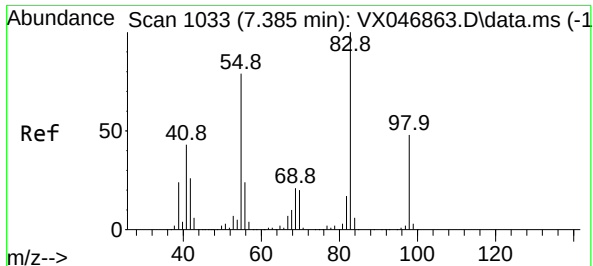
Ion Ratio Lower Upper

117 100

119 94.6 76.6 114.8

121 30.8 24.1 36.1





#39

Methylcyclohexane

Concen: 50.235 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

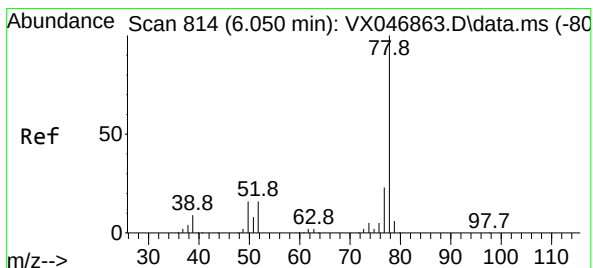
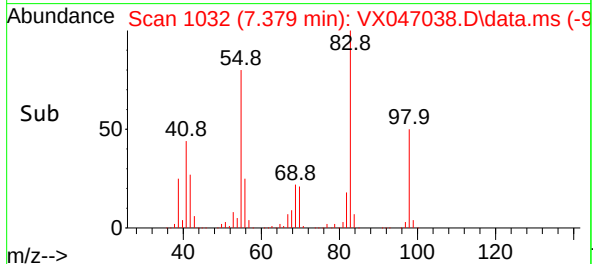
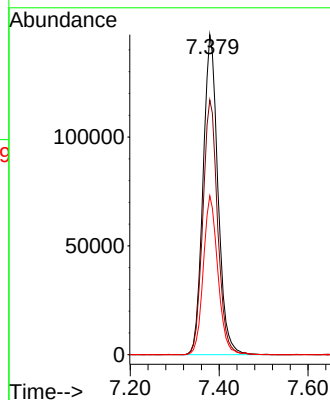
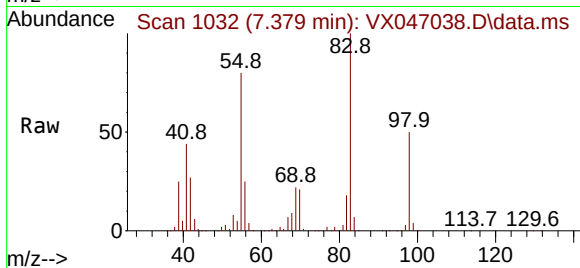
Tgt Ion: 83 Resp: 343483

Ion Ratio Lower Upper

83 100

55 79.6 63.0 94.4

98 49.6 38.5 57.7



#40

Benzene

Concen: 51.145 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.012 min

Lab File: VX047038.D

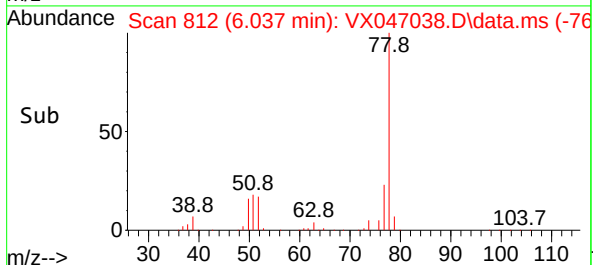
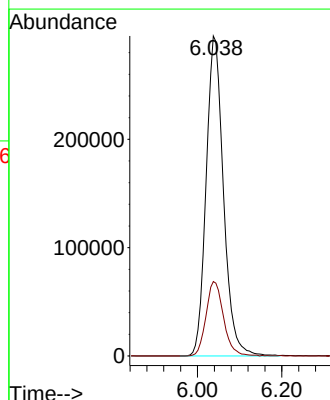
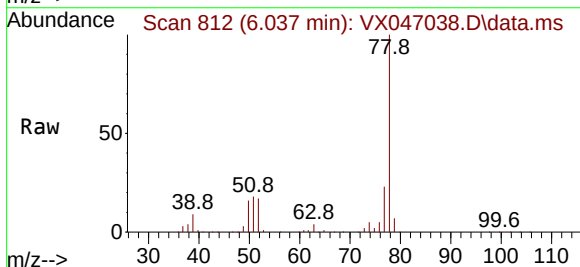
Acq: 18 Jul 2025 10:20

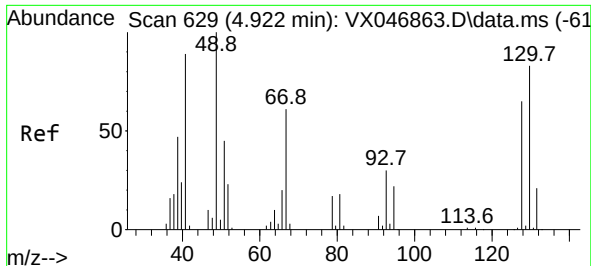
Tgt Ion: 78 Resp: 845590

Ion Ratio Lower Upper

78 100

77 23.3 18.7 28.1



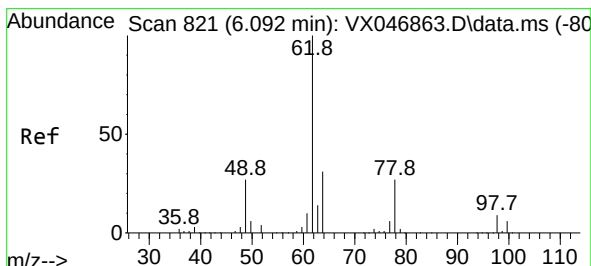
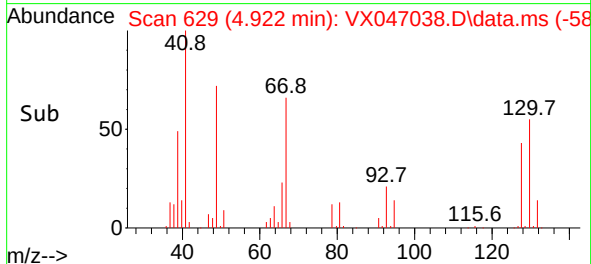
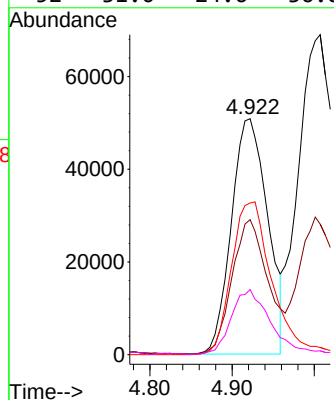
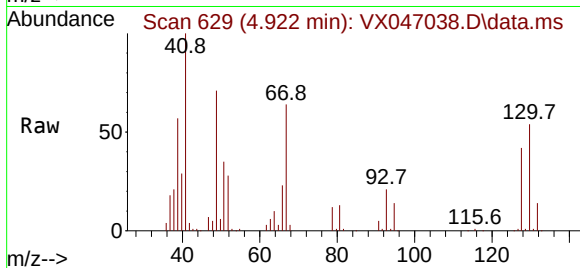


#41
Methacrylonitrile
Concen: 62.741 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 155817

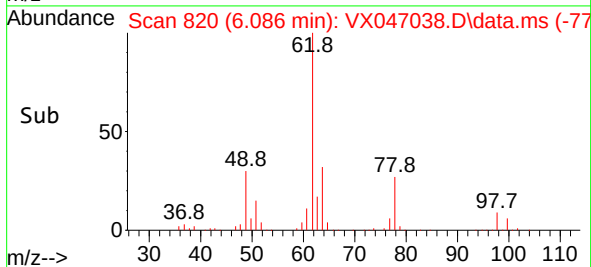
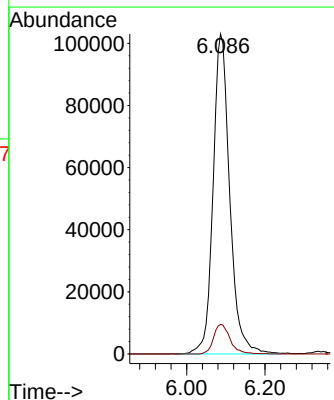
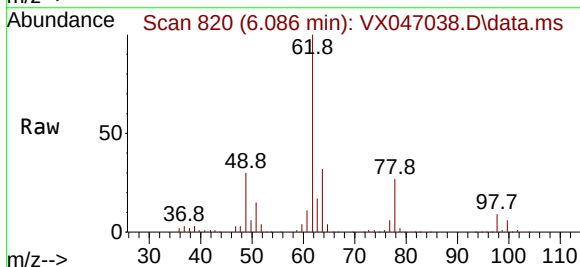
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.0	64.4
67	73.0	60.2	90.2
52	31.0	24.6	36.8

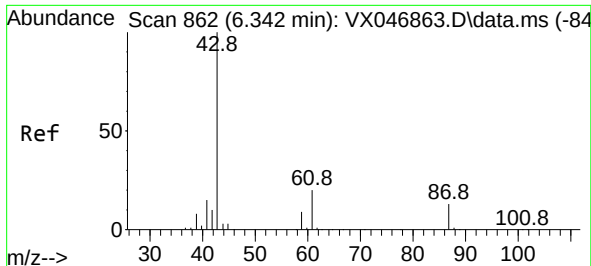


#42
1,2-Dichloroethane
Concen: 54.078 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 62 Resp: 303600

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.4

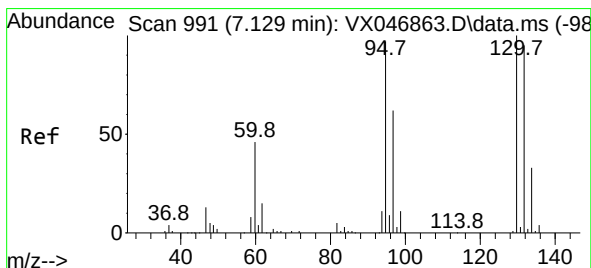
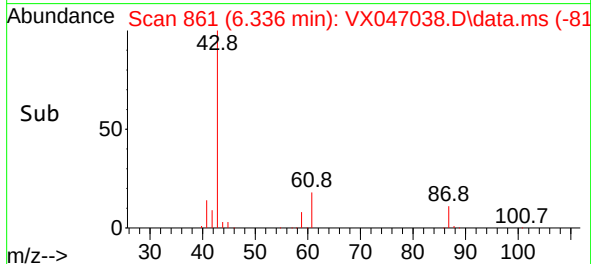
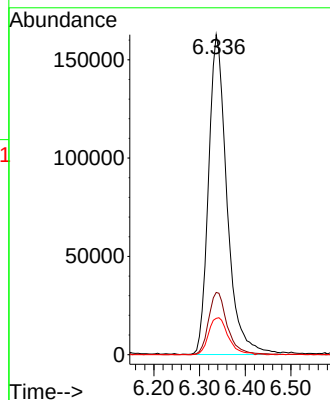
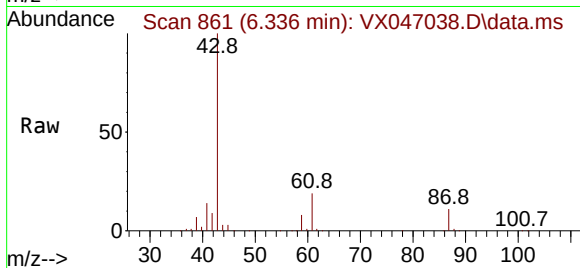




#43
Isopropyl Acetate
Concen: 63.954 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

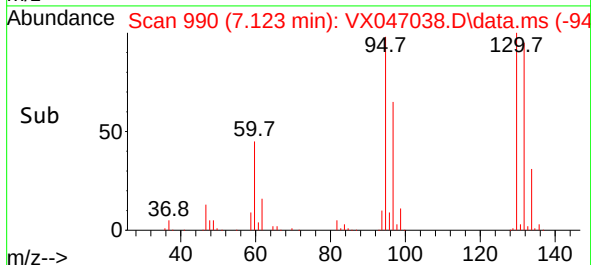
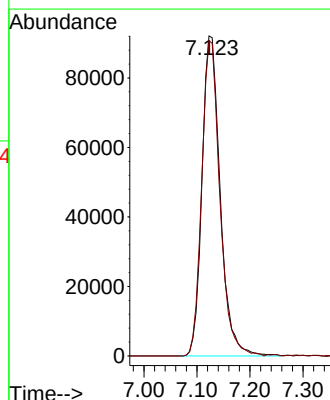
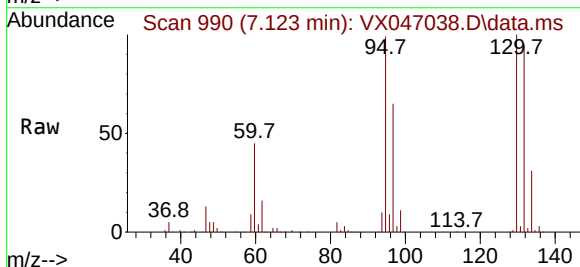
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

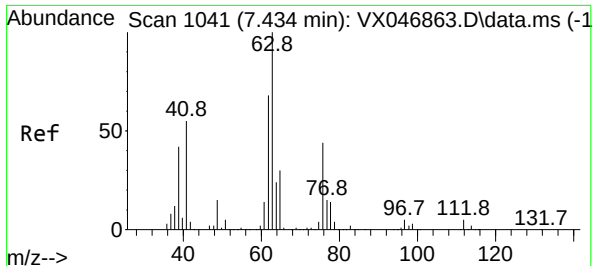
Tgt Ion: 43 Resp: 456044
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 12.3 10.1 15.1



#44
Trichloroethene
Concen: 51.072 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:130 Resp: 219800
Ion Ratio Lower Upper
130 100
95 98.5 0.0 194.2

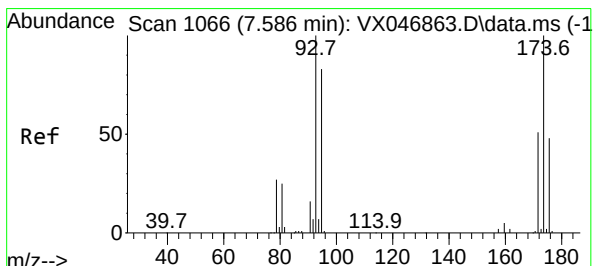
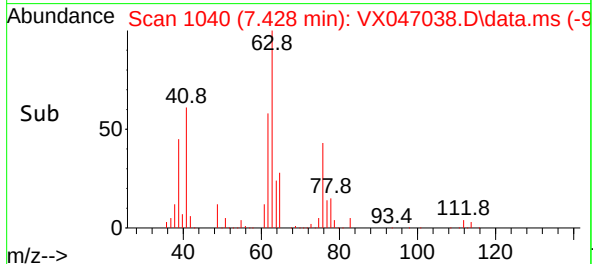
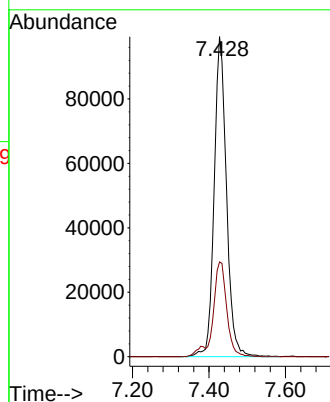
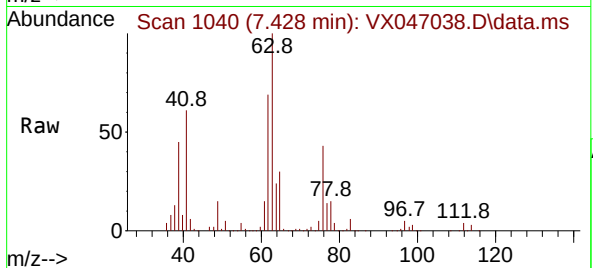




#45
1,2-Dichloropropane
Concen: 53.015 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

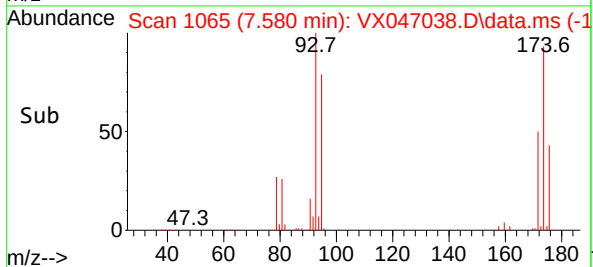
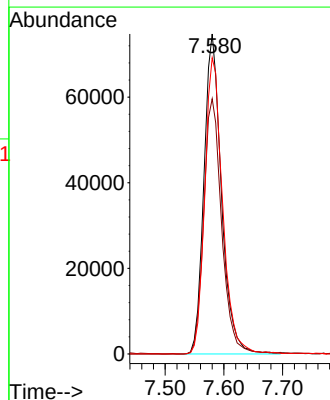
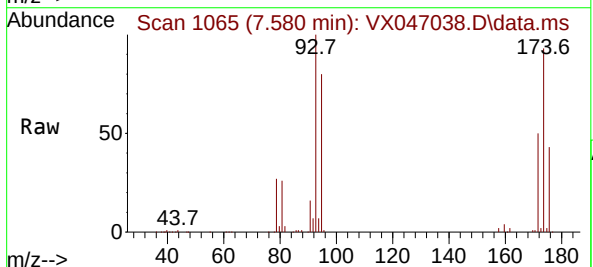
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

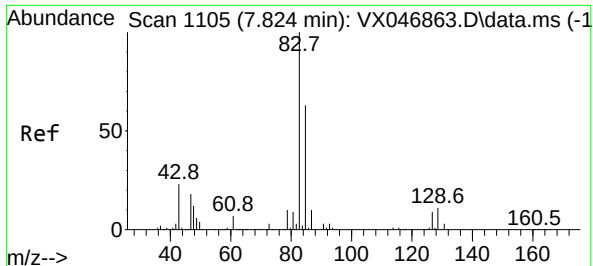
Tgt Ion: 63 Resp: 221449
Ion Ratio Lower Upper
63 100
65 29.6 24.2 36.2



#46
Dibromomethane
Concen: 53.323 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 93 Resp: 154324
Ion Ratio Lower Upper
93 100
95 82.1 66.6 99.8
174 94.6 77.4 116.2

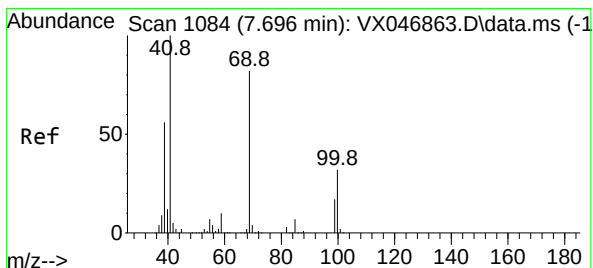
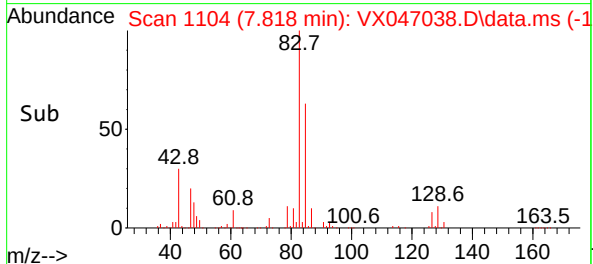
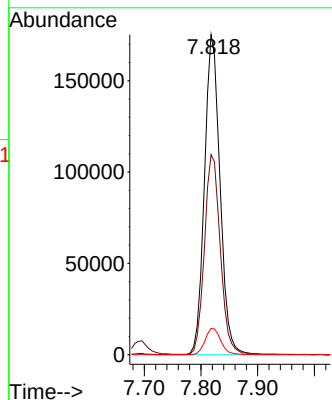
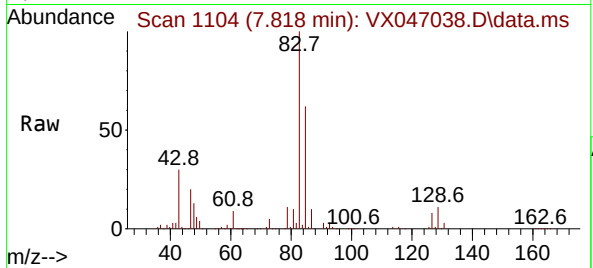




#47
Bromodichloromethane
Concen: 54.094 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

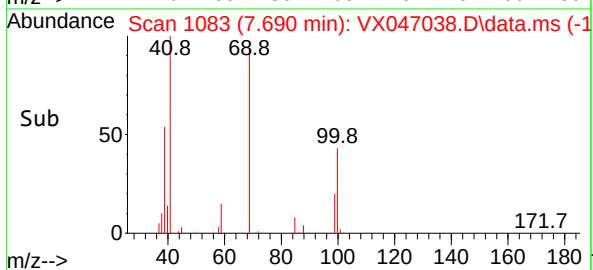
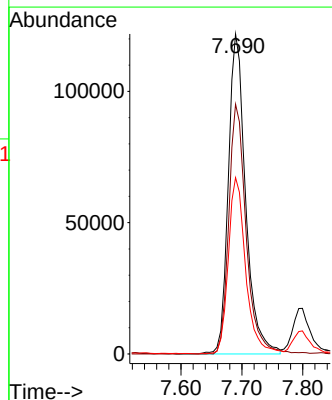
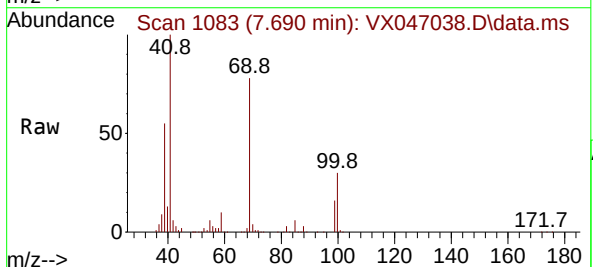
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

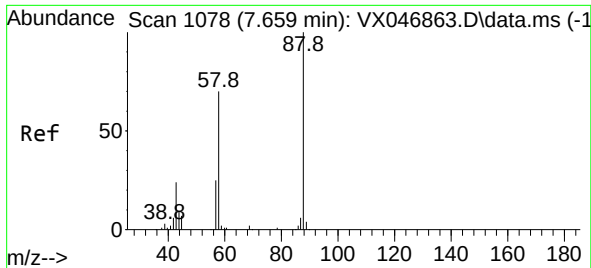
Tgt Ion: 83 Resp: 334287
Ion Ratio Lower Upper
83 100
85 62.4 50.2 75.4
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 65.290 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 41 Resp: 240400
Ion Ratio Lower Upper
41 100
69 78.5 65.8 98.8
39 55.4 43.8 65.6

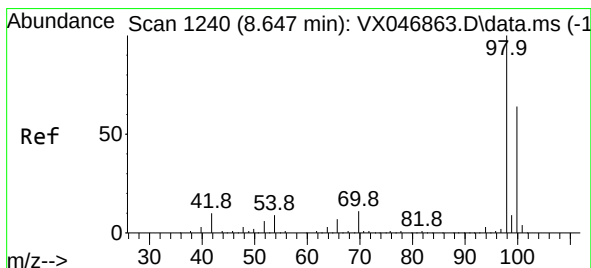
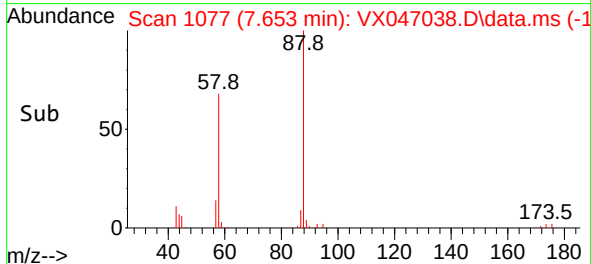
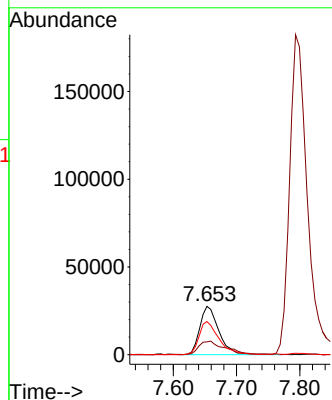
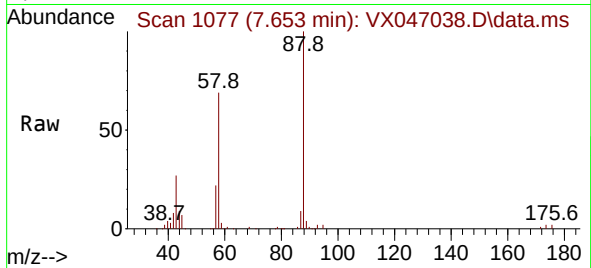




#49
1,4-Dioxane
Concen: 1347.013 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

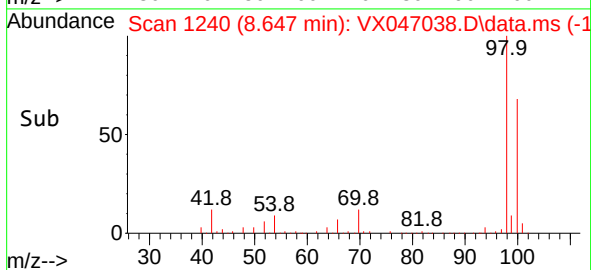
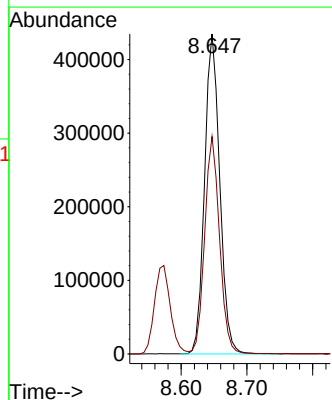
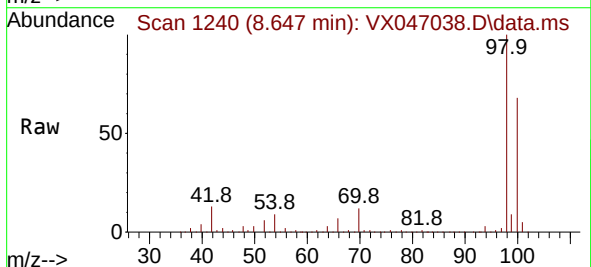
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

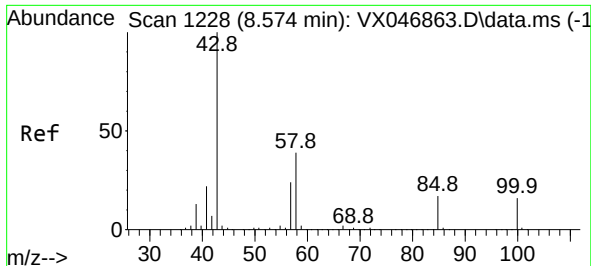
Tgt Ion: 88 Resp: 57468
Ion Ratio Lower Upper
88 100
43 40.2 31.7 47.5
58 71.6 57.5 86.3



#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 98 Resp: 698836
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6

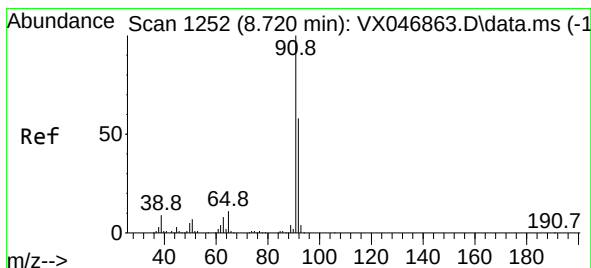
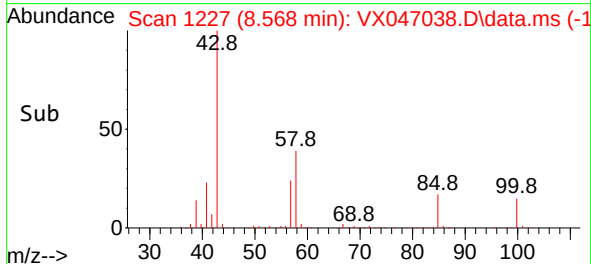
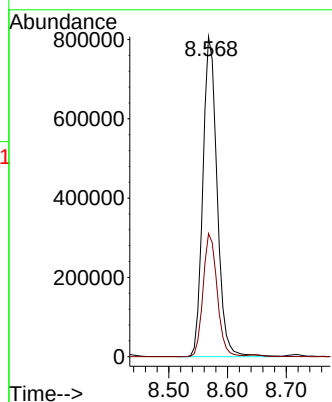
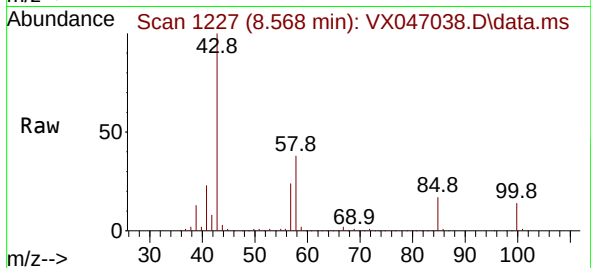




#51
4-Methyl-2-Pentanone
Concen: 323.536 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

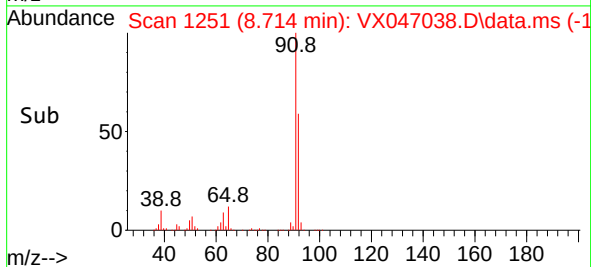
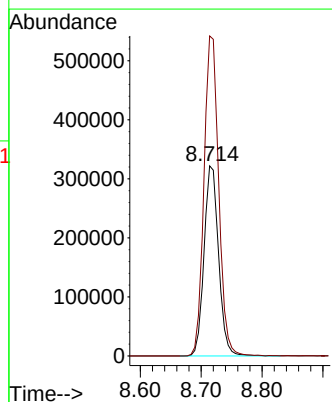
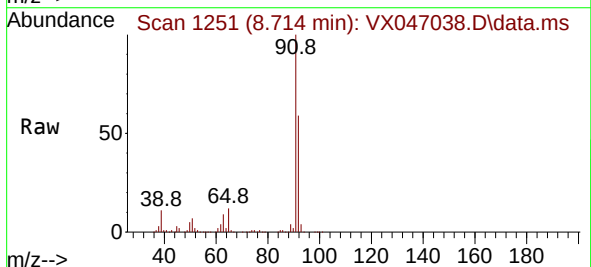
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

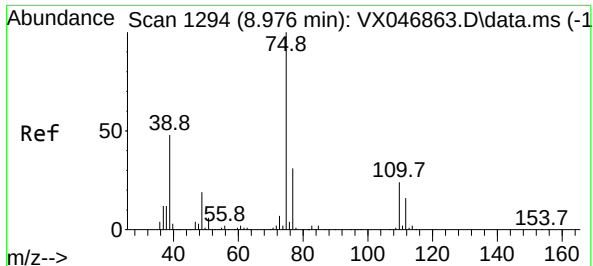
Tgt Ion: 43 Resp: 1361584
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6



#52
Toluene
Concen: 52.122 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 92 Resp: 533990
Ion Ratio Lower Upper
92 100
91 170.6 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 59.603 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

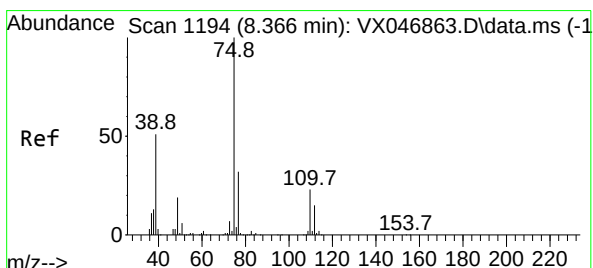
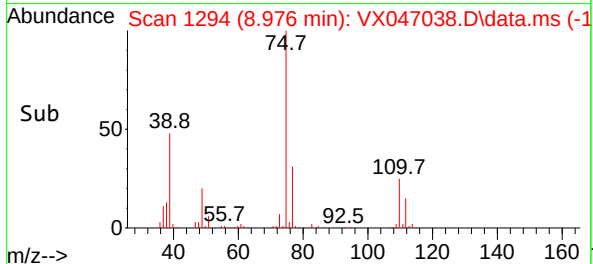
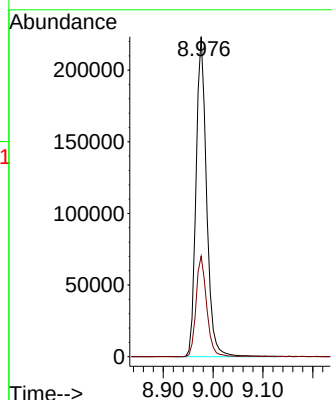
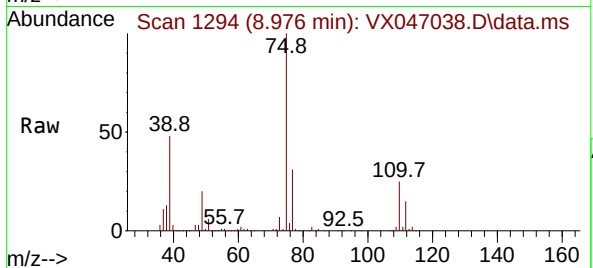
VSTDCCC050

Tgt Ion: 75 Resp: 328718

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 56.628 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

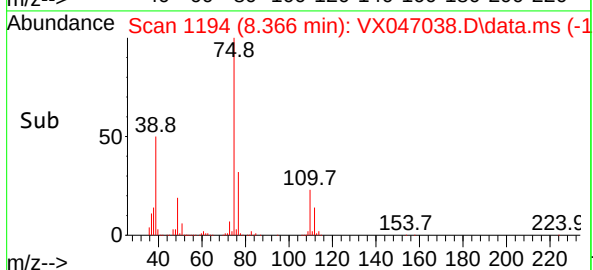
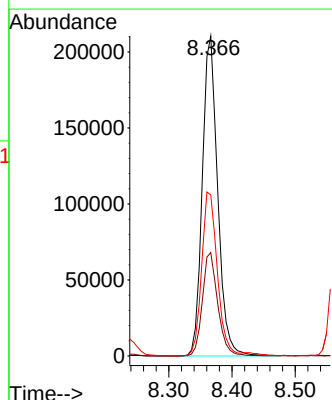
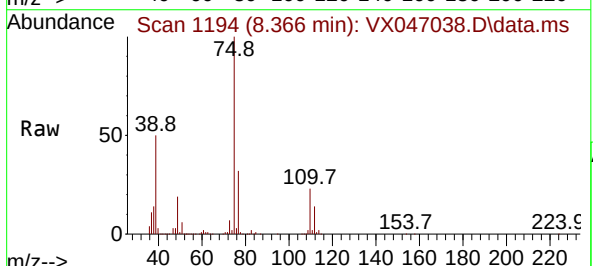
Tgt Ion: 75 Resp: 356481

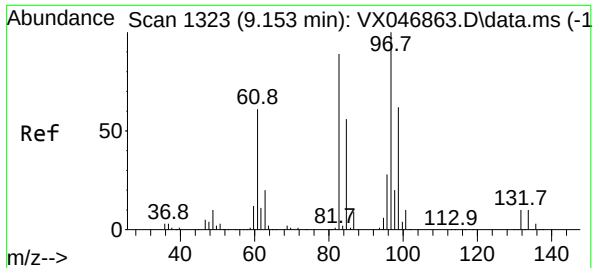
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

39 50.2 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 54.320 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 207285

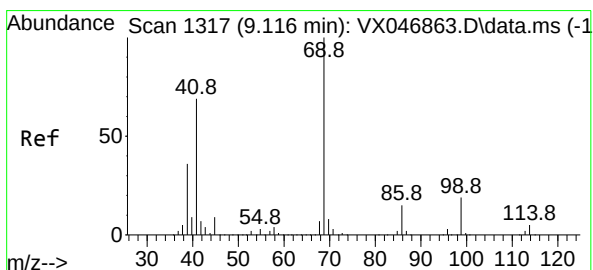
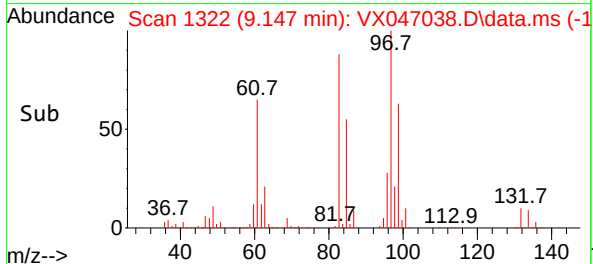
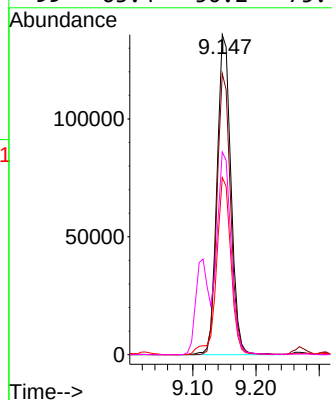
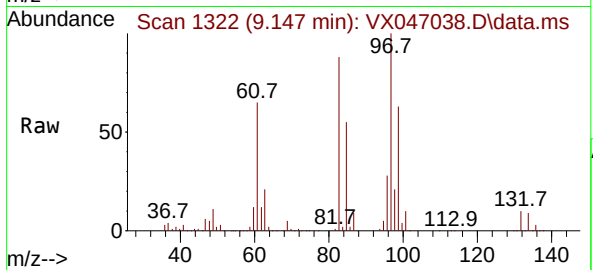
Ion Ratio Lower Upper

97 100

83 87.8 70.9 106.3

85 55.4 44.6 67.0

99 63.4 50.2 75.4



#56

Ethyl methacrylate

Concen: 62.178 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

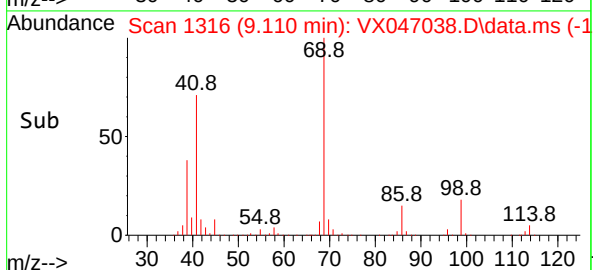
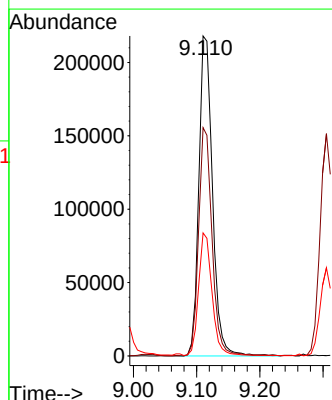
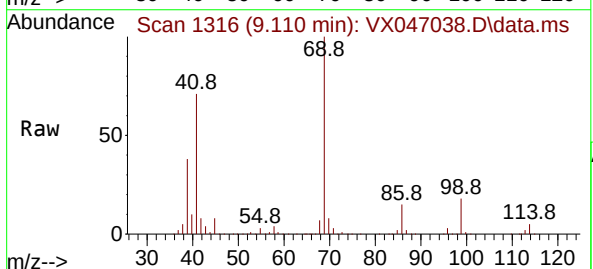
Tgt Ion: 69 Resp: 328405

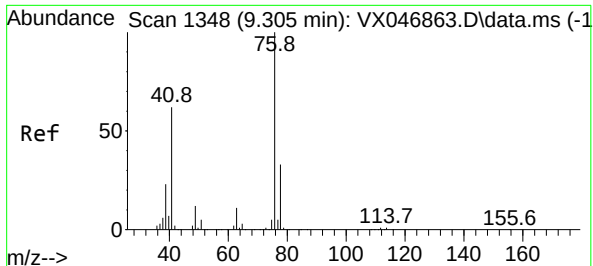
Ion Ratio Lower Upper

69 100

41 70.0 54.6 82.0

39 37.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 54.236 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

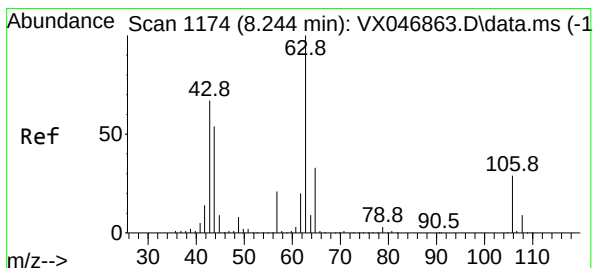
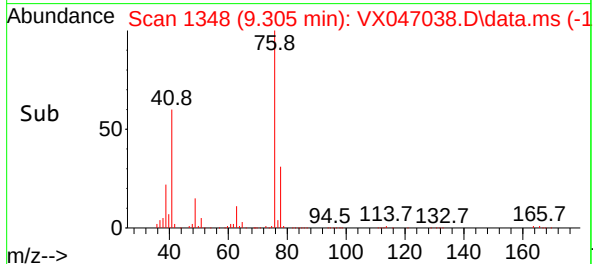
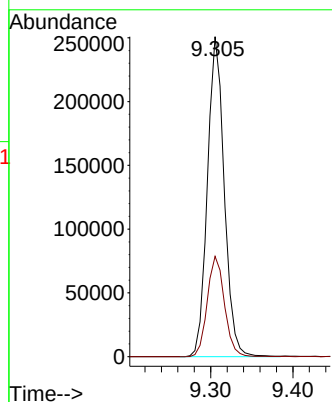
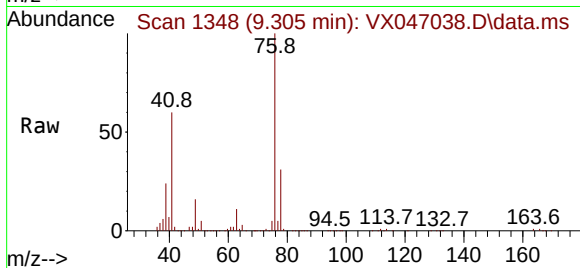
VSTDCCC050

Tgt Ion: 76 Resp: 356376

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 277.426 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047038.D

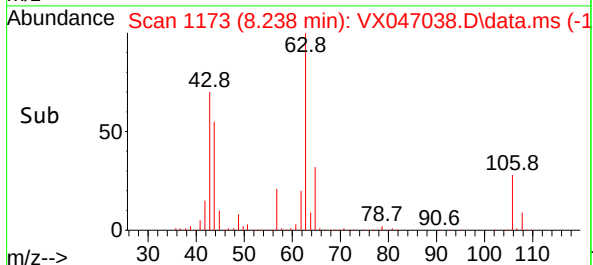
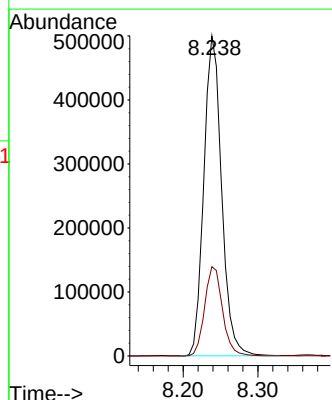
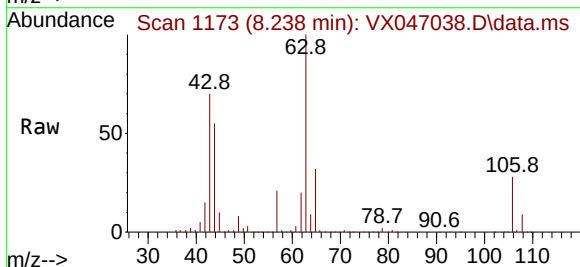
Acq: 18 Jul 2025 10:20

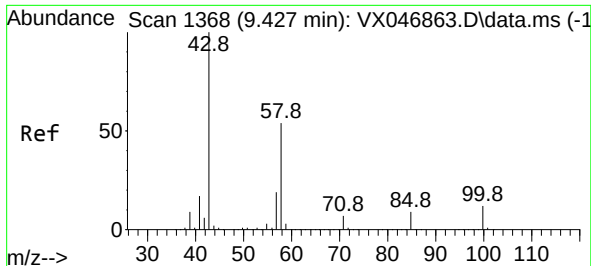
Tgt Ion: 63 Resp: 825602

Ion Ratio Lower Upper

63 100

106 28.0 22.6 33.8

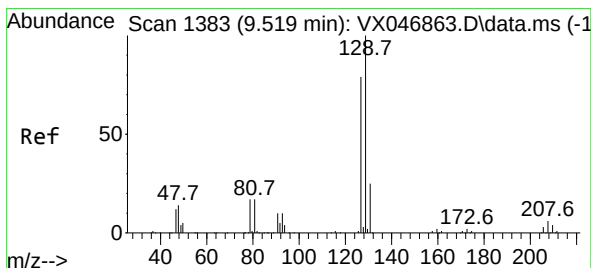
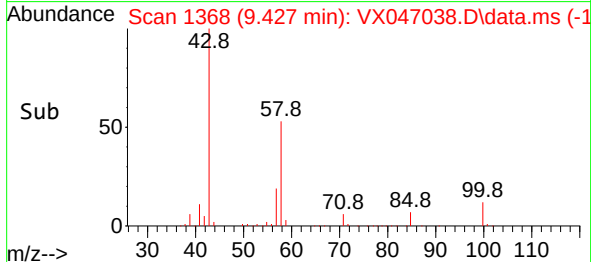
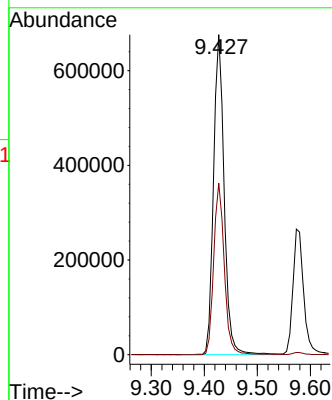
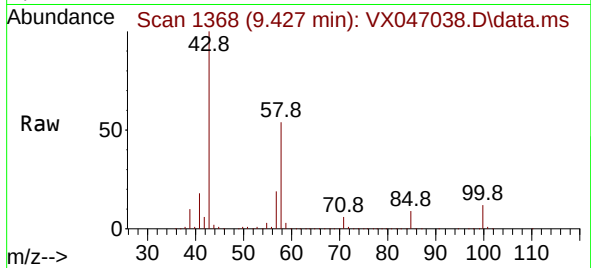




#59
2-Hexanone
Concen: 337.206 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

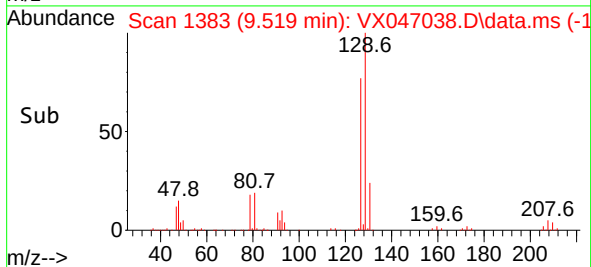
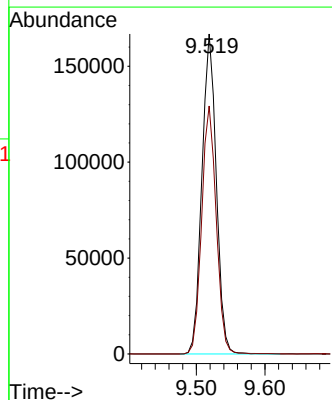
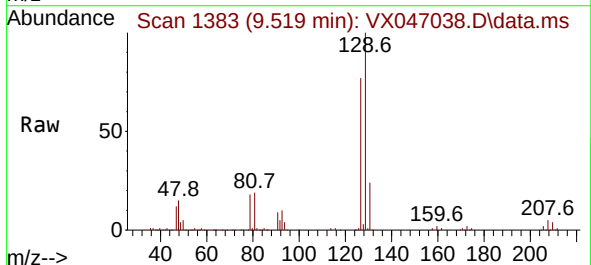
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

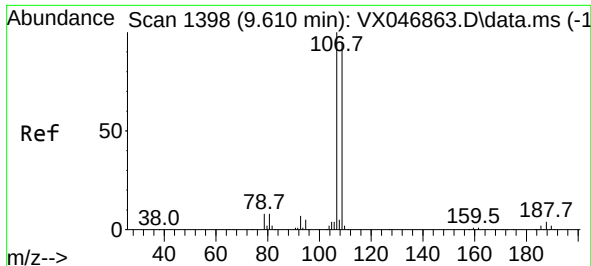
Tgt Ion: 43 Resp: 941297
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.3



#60
Dibromochloromethane
Concen: 53.406 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:129 Resp: 243894
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.5

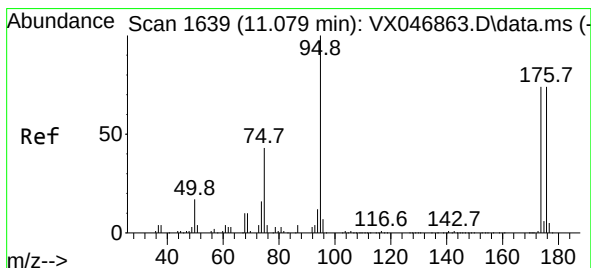
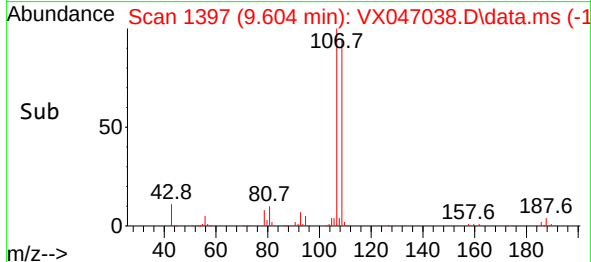
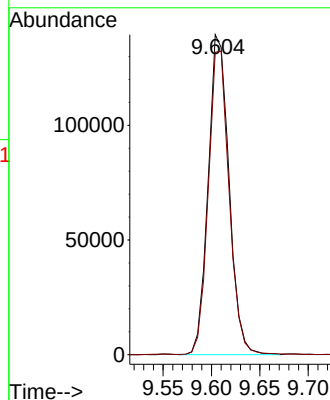
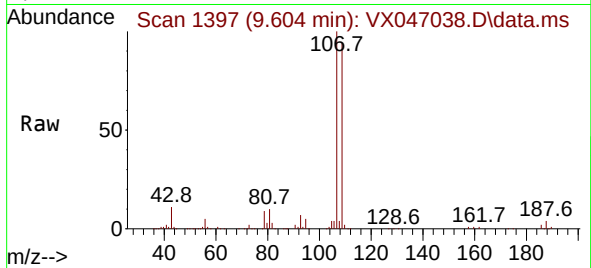




#61
1,2-Dibromoethane
Concen: 54.626 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

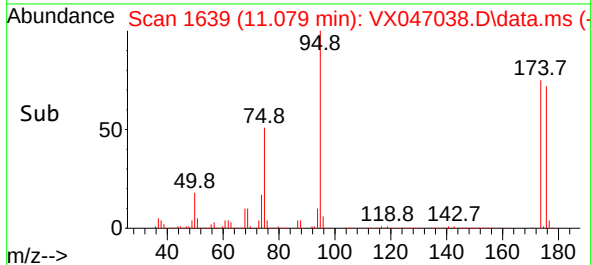
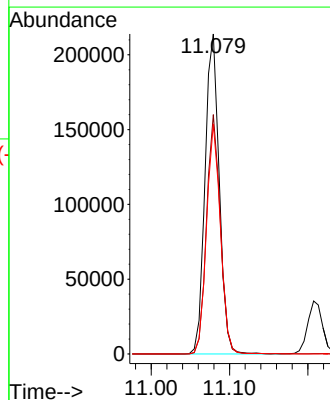
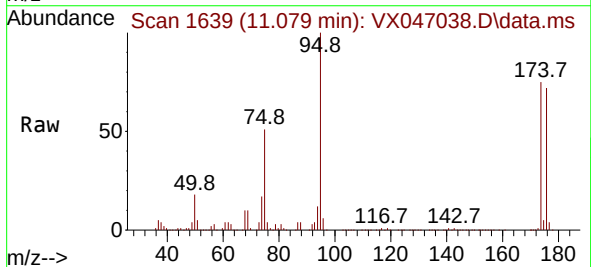
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

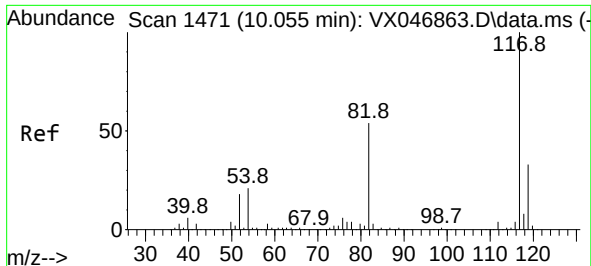
Tgt Ion:107 Resp: 209351
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 95 Resp: 268006
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.0
176 70.1 0.0 145.2

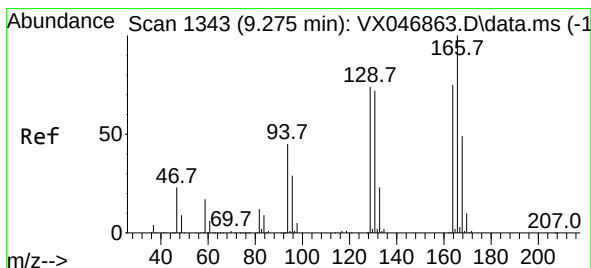
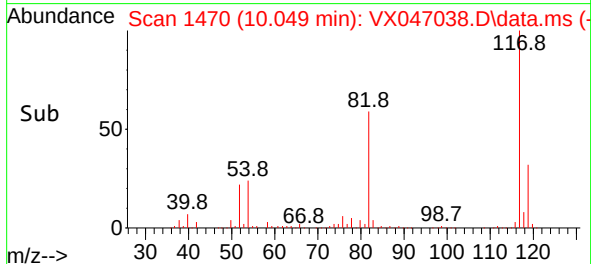
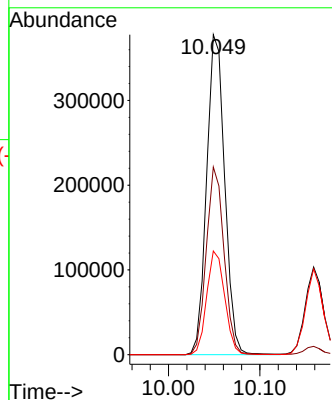
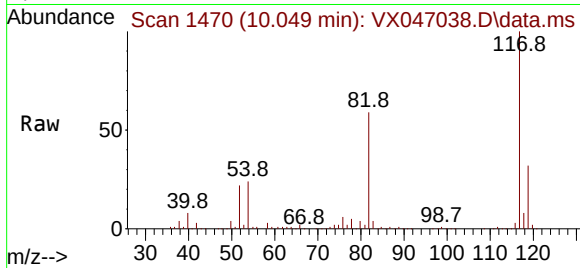




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

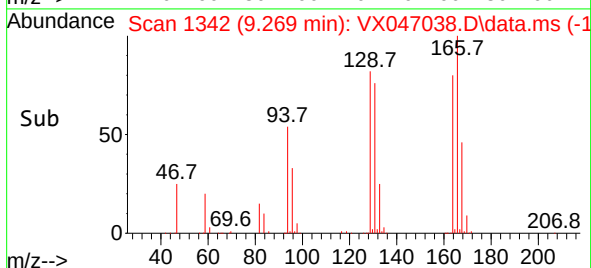
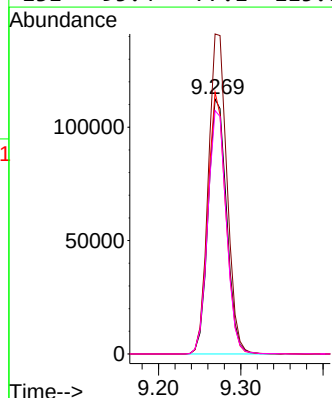
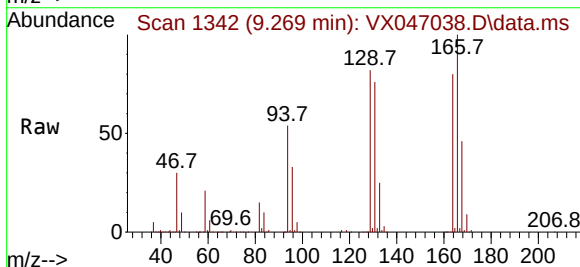
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

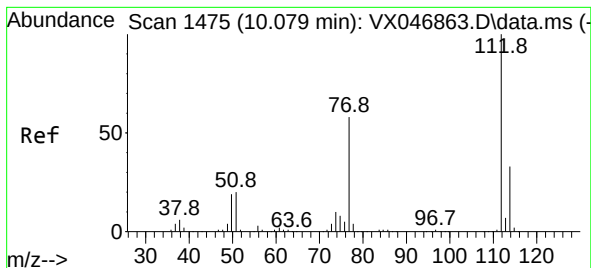
Tgt Ion:117 Resp: 517658
Ion Ratio Lower Upper
117 100
82 58.6 43.3 64.9
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 50.656 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:164 Resp: 174590
Ion Ratio Lower Upper
164 100
166 125.5 107.0 160.6
129 102.7 79.7 119.5
131 95.4 77.1 115.7





#65

Chlorobenzene

Concen: 53.436 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

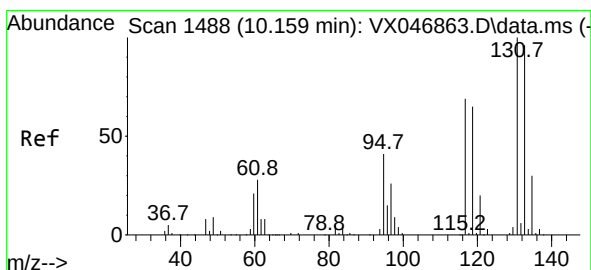
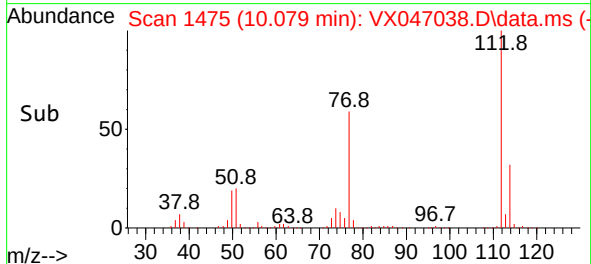
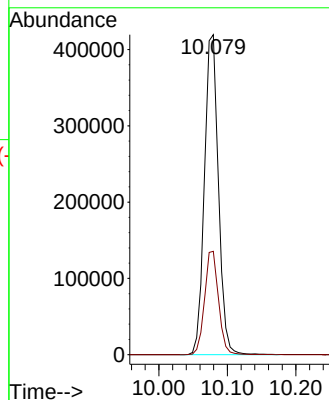
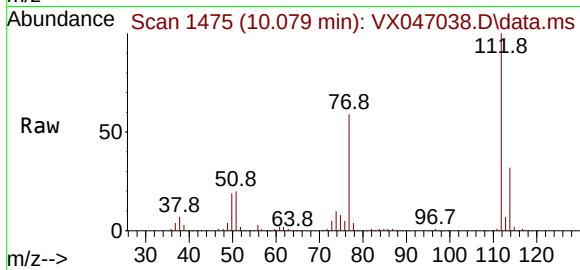
VSTDCCC050

Tgt Ion:112 Resp: 598059

Ion Ratio Lower Upper

112 100

114 32.3 26.3 39.5



#66

1,1,1,2-Tetrachloroethane

Concen: 55.784 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

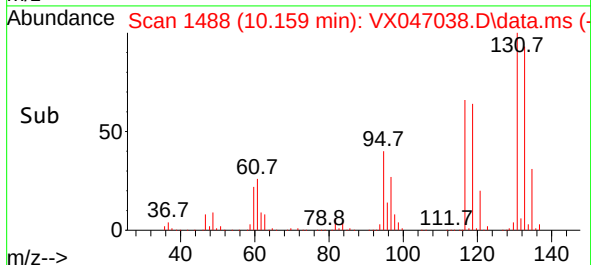
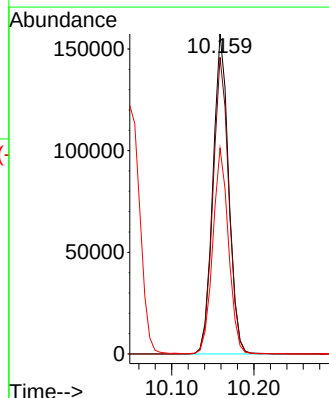
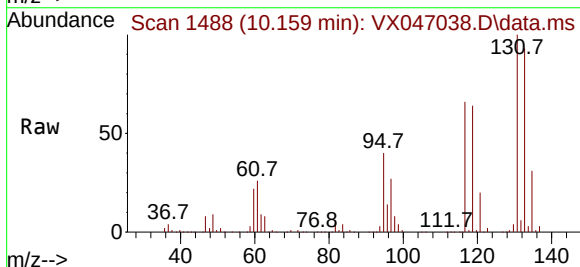
Tgt Ion:131 Resp: 209879

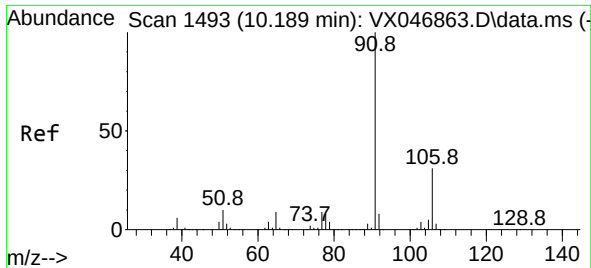
Ion Ratio Lower Upper

131 100

133 93.3 47.6 142.9

119 64.1 32.4 97.2





#67

Ethyl Benzene

Concen: 55.076 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

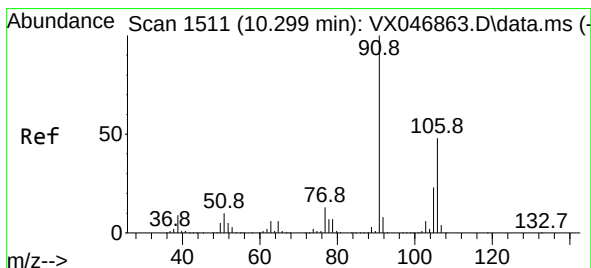
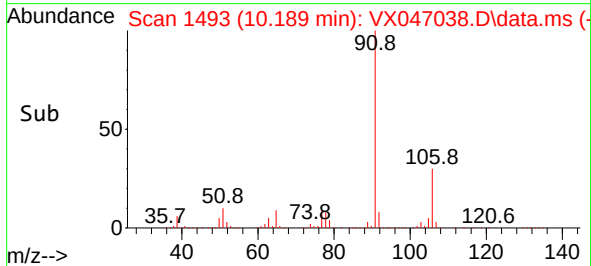
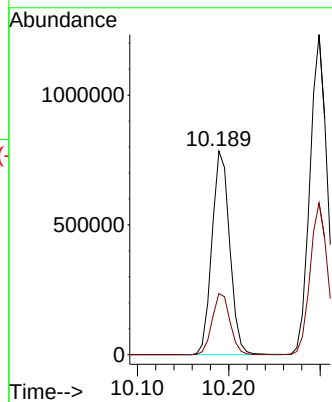
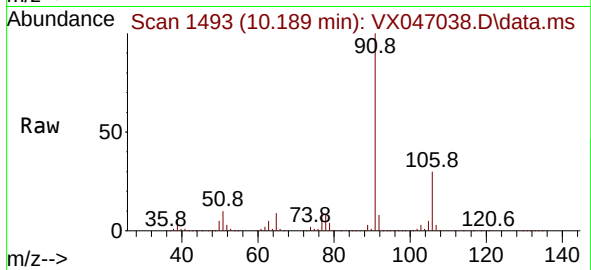
VSTDCCC050

Tgt Ion: 91 Resp: 1055615

Ion Ratio Lower Upper

91 100

106 30.1 24.4 36.6



#68

m/p-Xylenes

Concen: 108.232 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047038.D

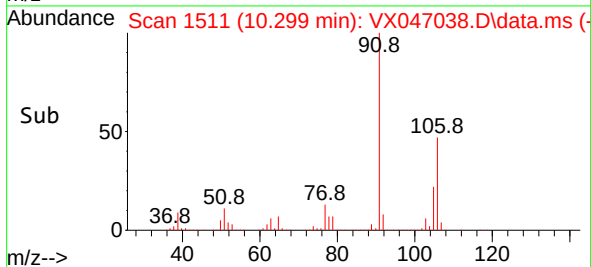
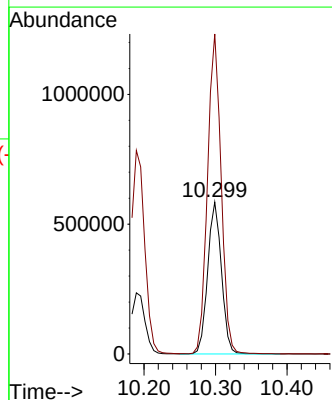
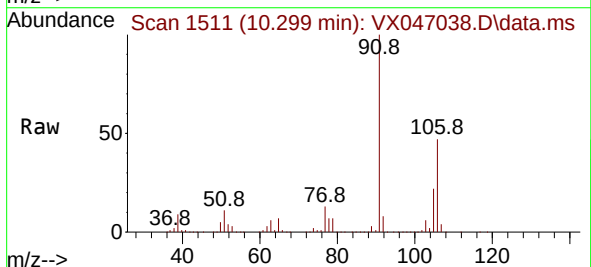
Acq: 18 Jul 2025 10:20

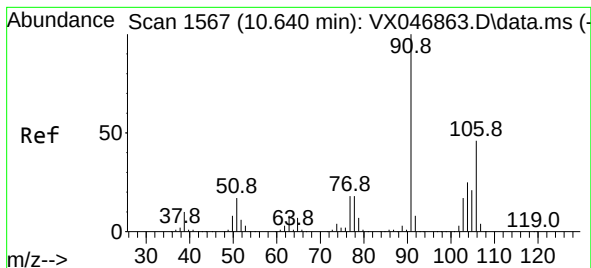
Tgt Ion:106 Resp: 781683

Ion Ratio Lower Upper

106 100

91 209.0 164.6 246.8





#69

o-Xylene

Concen: 54.613 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

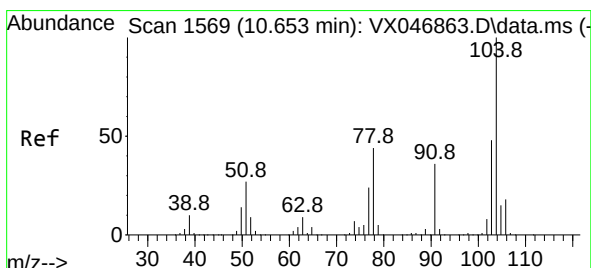
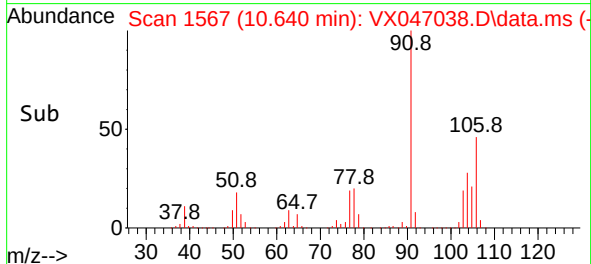
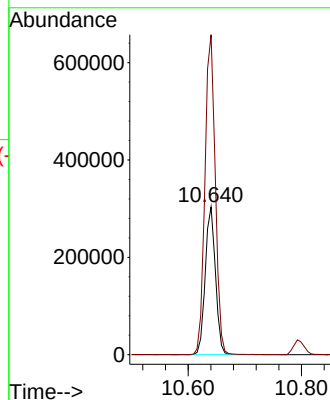
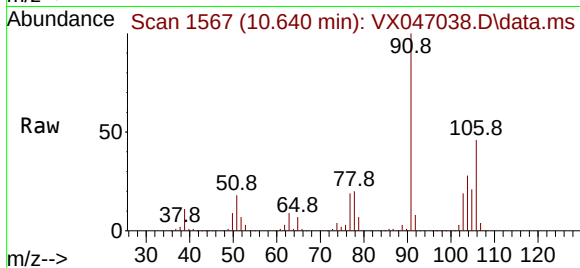
VSTDCCC050

Tgt Ion:106 Resp: 381009

Ion Ratio Lower Upper

106 100

91 219.7 109.5 328.5



#70

Styrene

Concen: 55.343 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

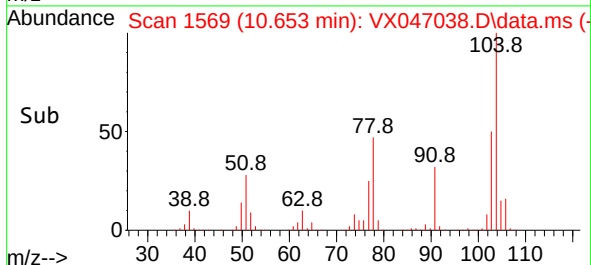
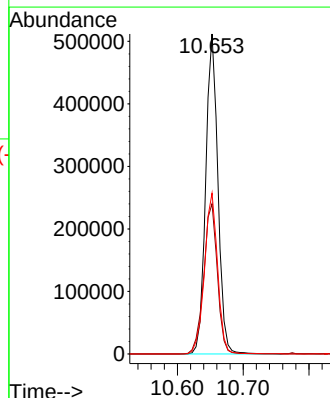
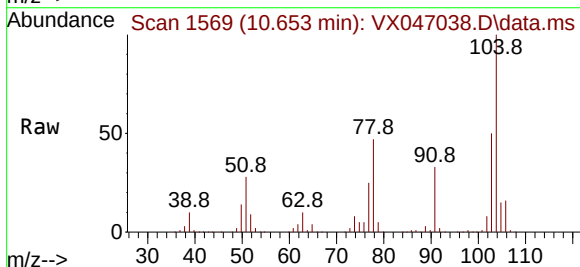
Tgt Ion:104 Resp: 660573

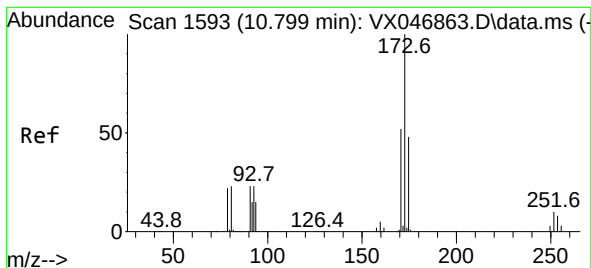
Ion Ratio Lower Upper

104 100

78 52.5 40.3 60.5

103 54.2 42.8 64.2





#71

Bromoform

Concen: 56.862 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

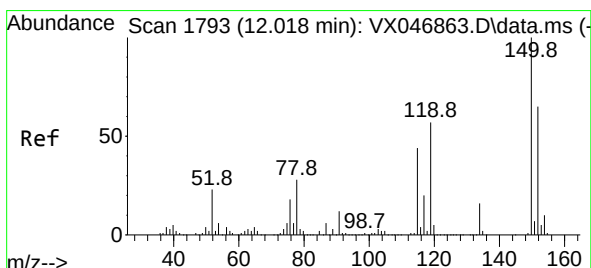
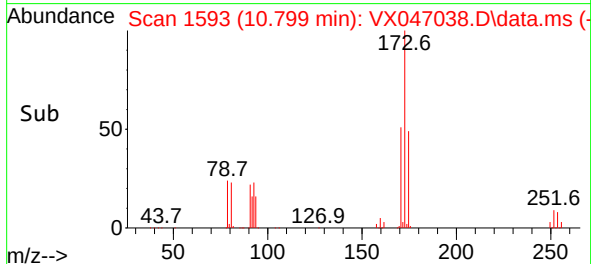
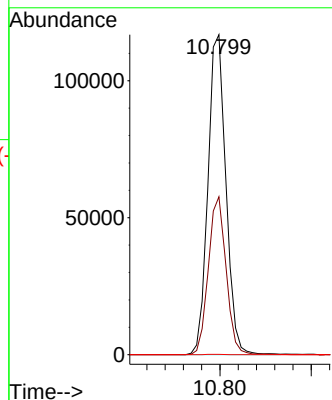
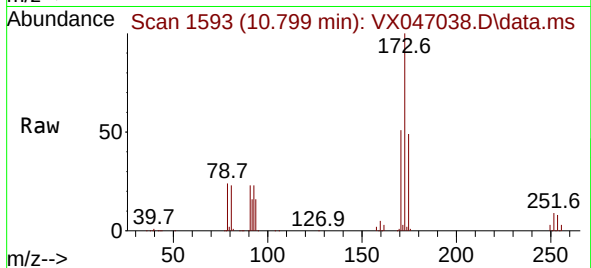
Tgt Ion:173 Resp: 159070

Ion Ratio Lower Upper

173 100

175 48.8 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: VX047038.D

Acq: 18 Jul 2025 10:20

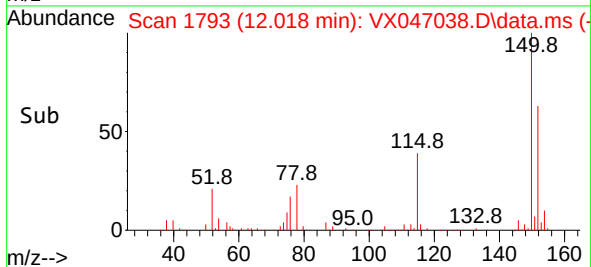
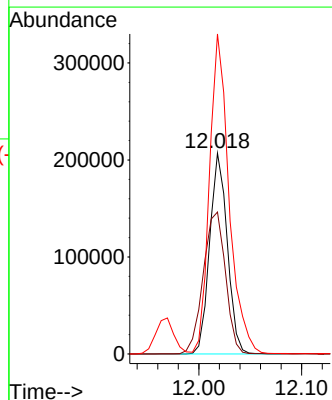
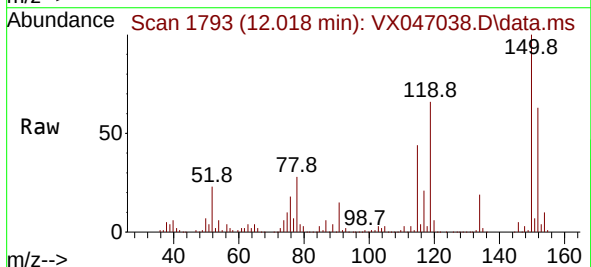
Tgt Ion:152 Resp: 246681

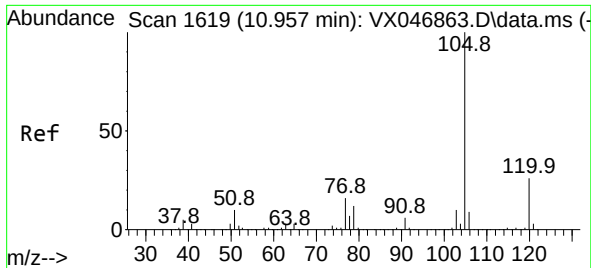
Ion Ratio Lower Upper

152 100

115 89.6 42.4 127.1

150 176.8 0.0 349.2

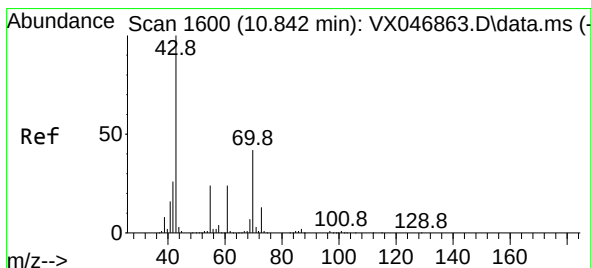
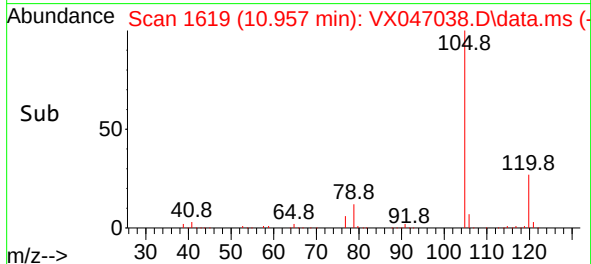
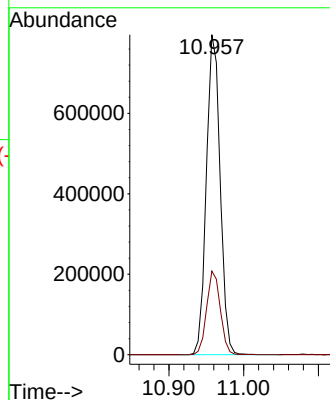
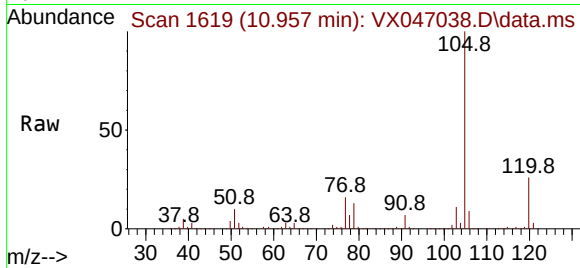




#73
Isopropylbenzene
Concen: 58.709 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

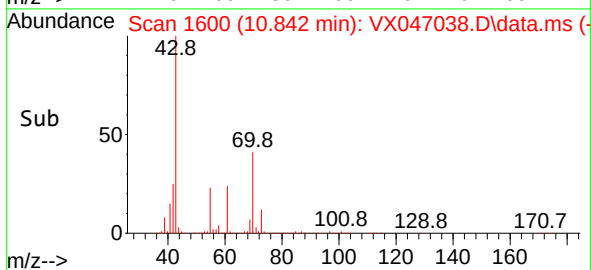
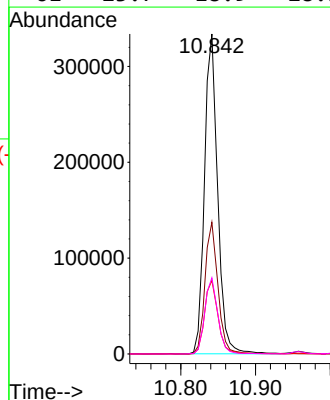
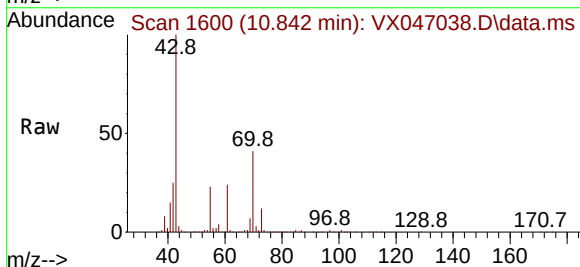
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

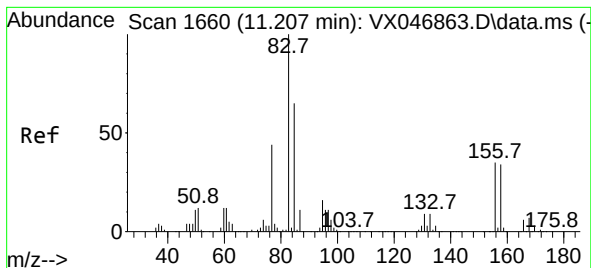
Tgt Ion:105 Resp: 1018068
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5



#74
N-ethyl acetate
Concen: 69.214 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 43 Resp: 407853
Ion Ratio Lower Upper
43 100
70 40.8 33.4 50.2
55 23.6 19.6 29.4
61 23.7 18.9 28.3

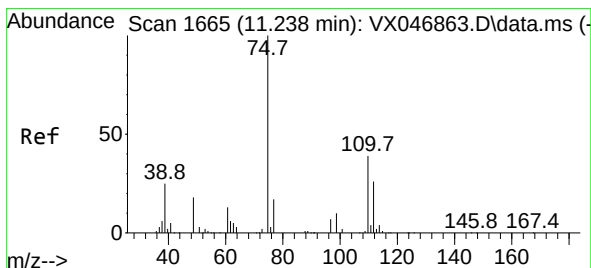
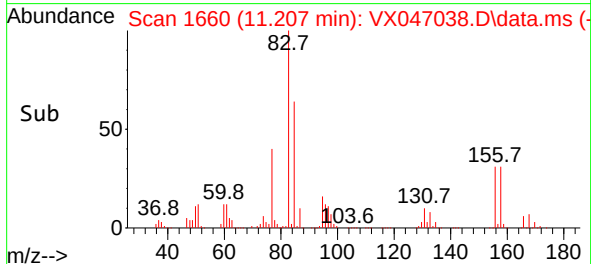
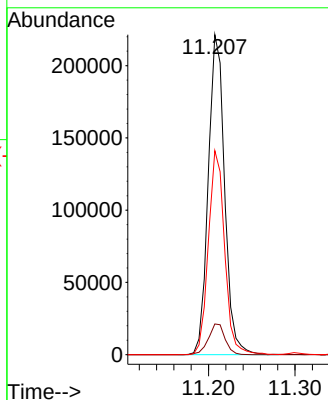
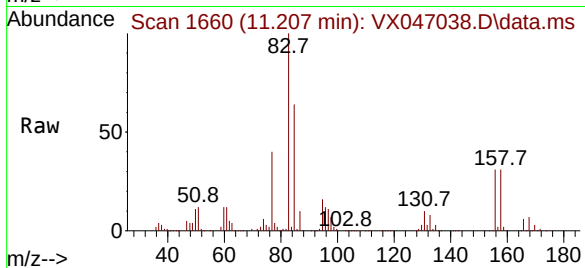




#75
1,1,2,2-Tetrachloroethane
Concen: 60.884 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

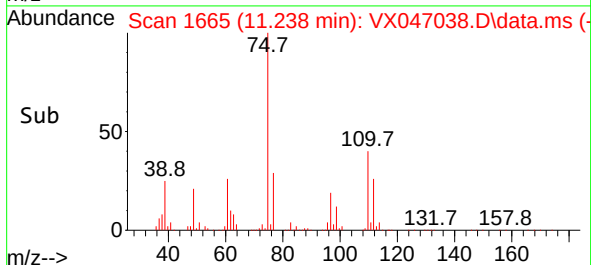
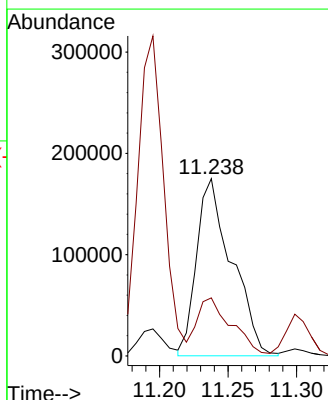
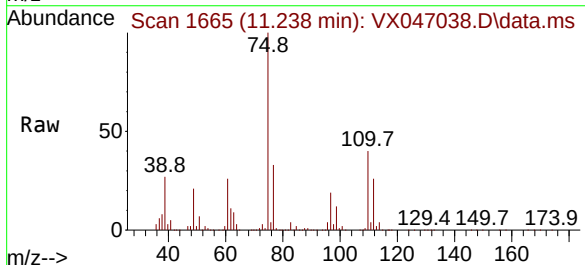
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

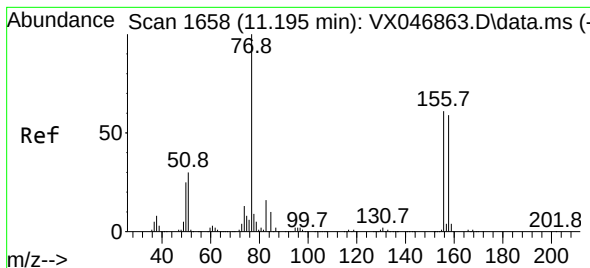
Tgt Ion: 83 Resp: 290315
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 63.4 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 82.135 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 75 Resp: 313063
Ion Ratio Lower Upper
75 100
77 32.5 20.6 61.8





#77

Bromobenzene

Concen: 56.292 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

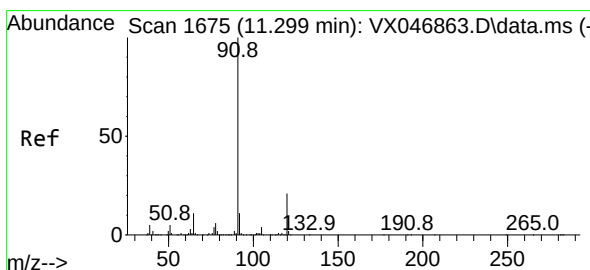
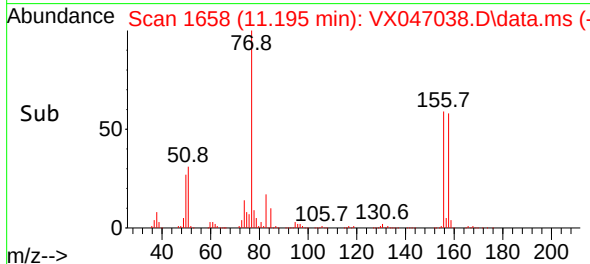
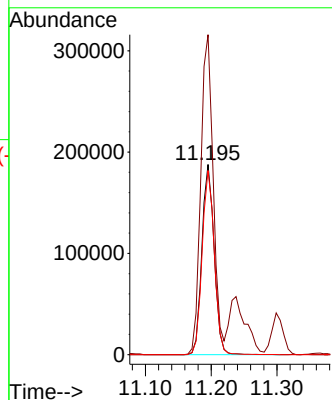
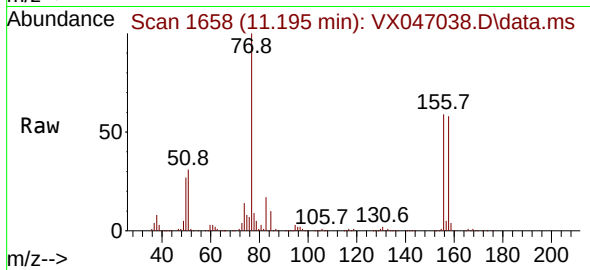
Tgt Ion:156 Resp: 243145

Ion Ratio Lower Upper

156 100

77 171.3 82.3 247.0

158 96.6 47.5 142.6



#78

n-propylbenzene

Concen: 57.776 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX047038.D

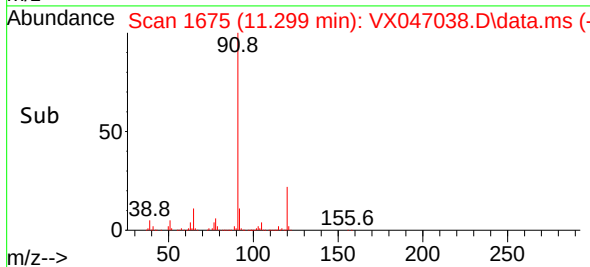
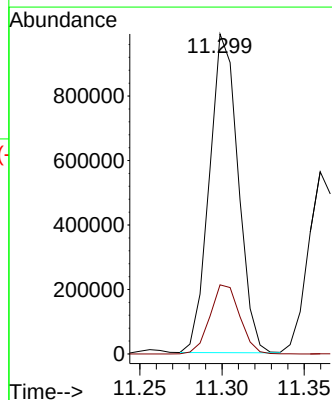
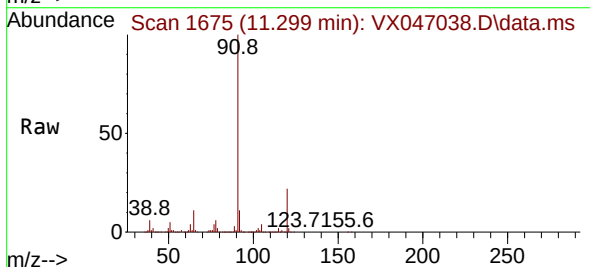
Acq: 18 Jul 2025 10:20

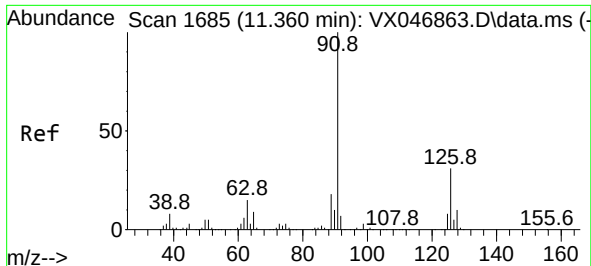
Tgt Ion: 91 Resp: 1208086

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.5





#79

2-Chlorotoluene

Concen: 57.609 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

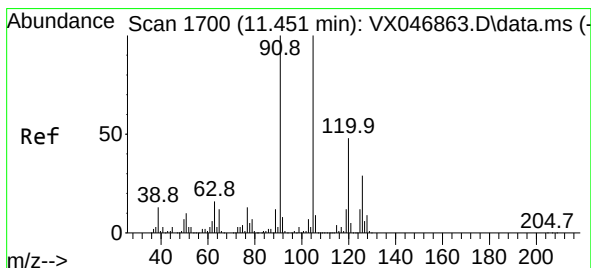
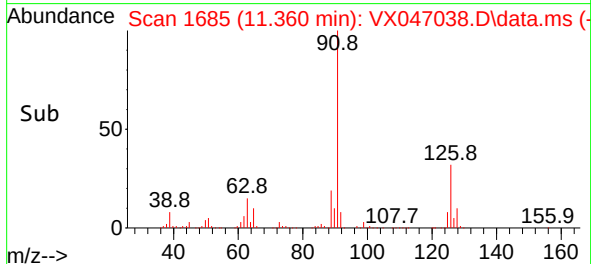
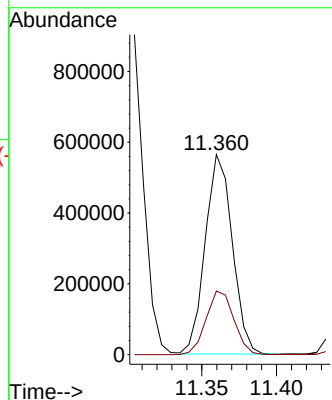
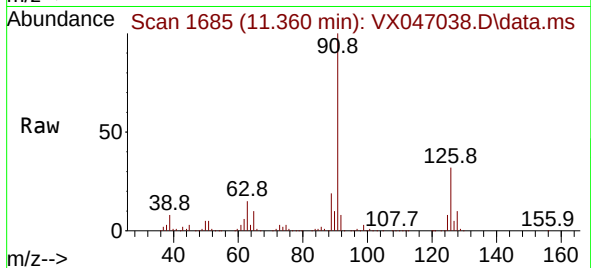
VSTDCCC050

Tgt Ion: 91 Resp: 711268

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 58.688 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX047038.D

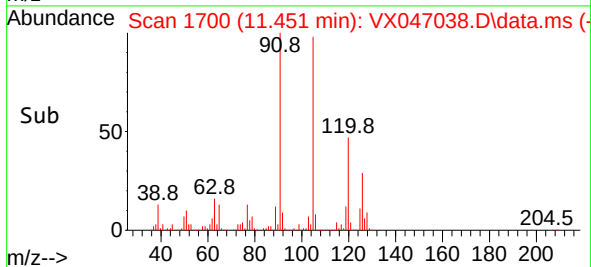
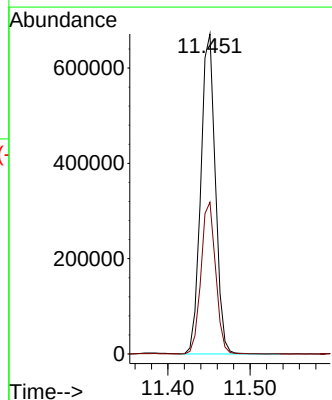
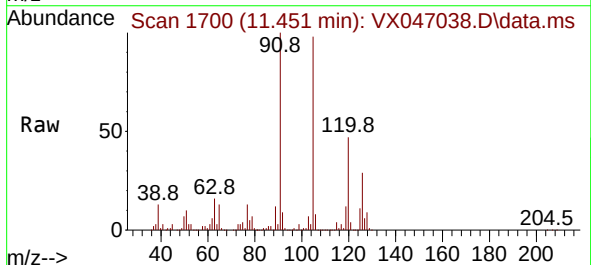
Acq: 18 Jul 2025 10:20

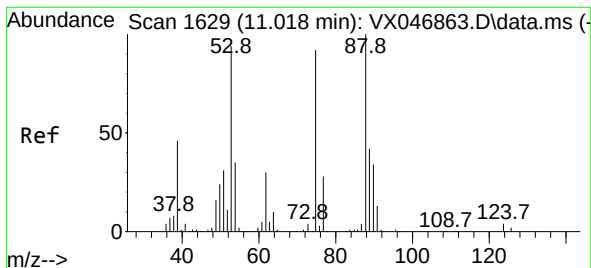
Tgt Ion:105 Resp: 826940

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.4

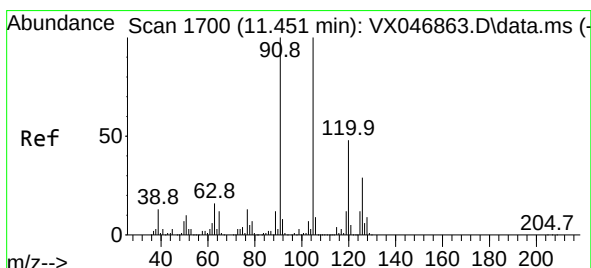
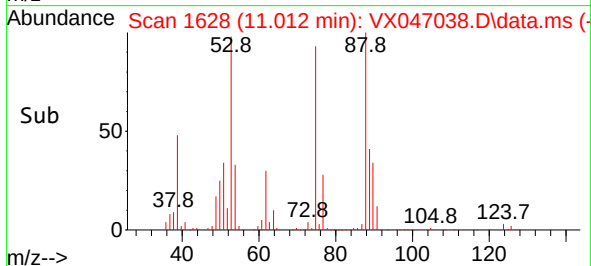
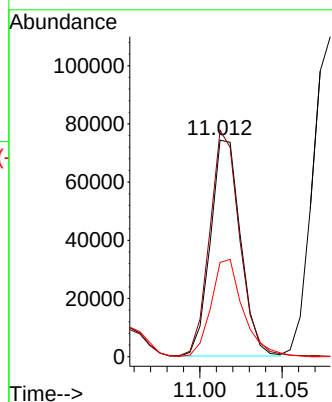
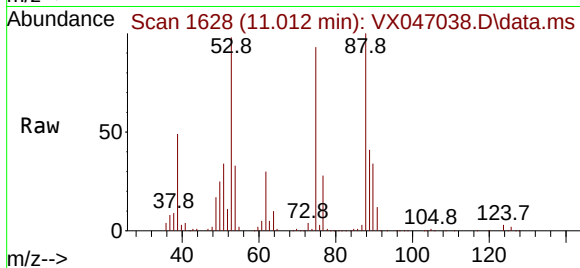




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.825 ug/l
 RT: 11.012 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

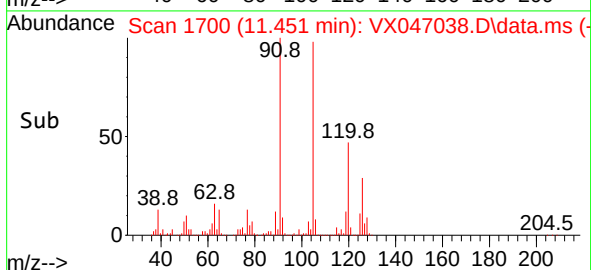
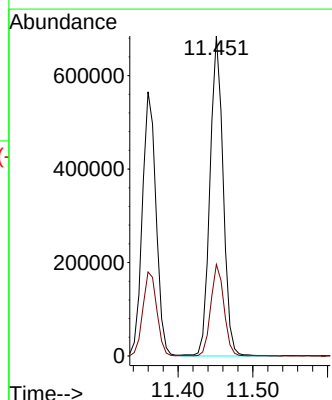
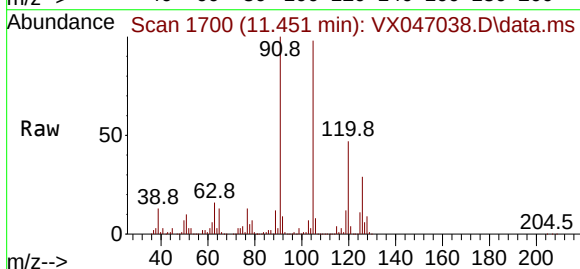
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

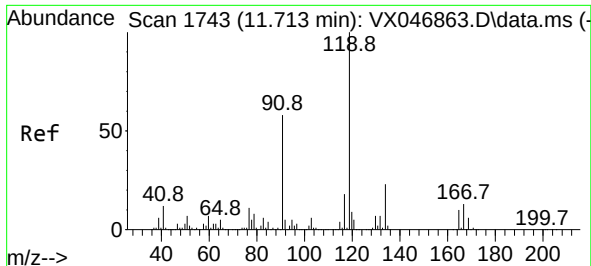
Tgt Ion: 75 Resp: 94917
 Ion Ratio Lower Upper
 75 100
 53 105.0 83.7 125.5
 89 48.0 38.2 57.2



#82
 4-Chlorotoluene
 Concen: 58.865 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX047038.D
 Acq: 18 Jul 2025 10:20

Tgt Ion: 91 Resp: 838693
 Ion Ratio Lower Upper
 91 100
 126 28.5 14.6 44.0

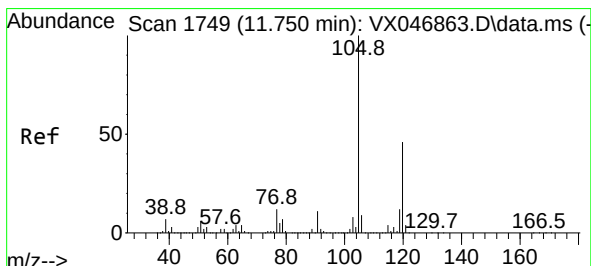
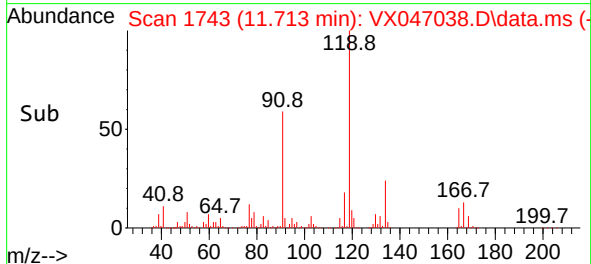
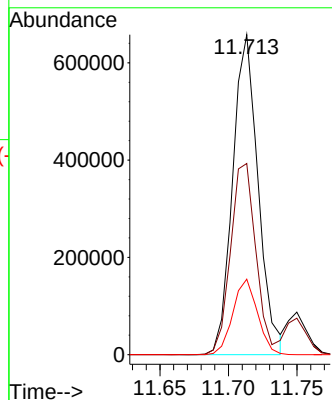
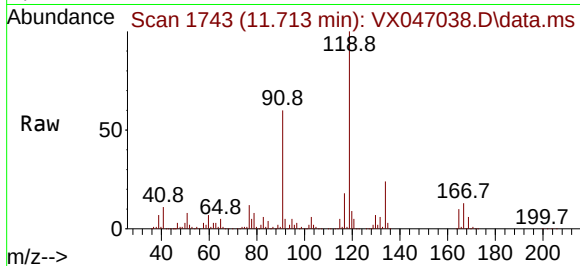




#83
tert-Butylbenzene
Concen: 58.473 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

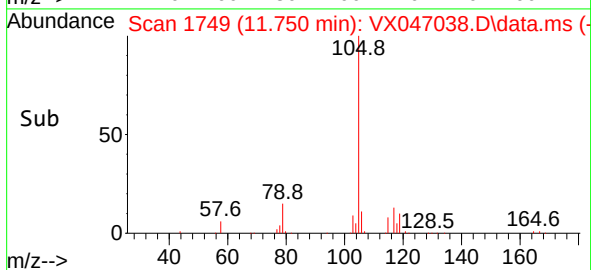
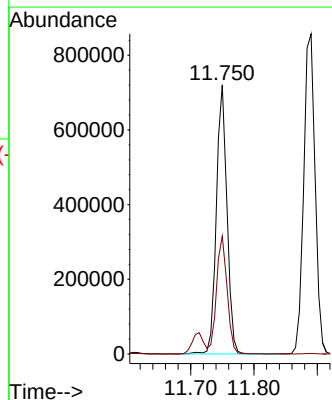
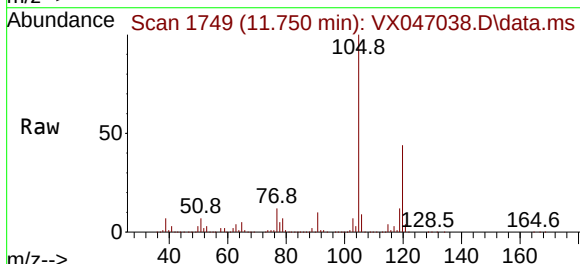
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

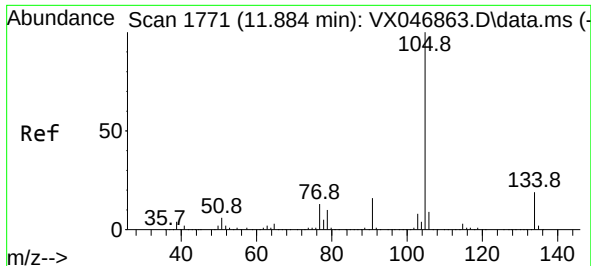
Tgt Ion:119 Resp: 850948
Ion Ratio Lower Upper
119 100
91 59.0 28.7 86.3
134 22.9 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 58.834 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:105 Resp: 837919
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8

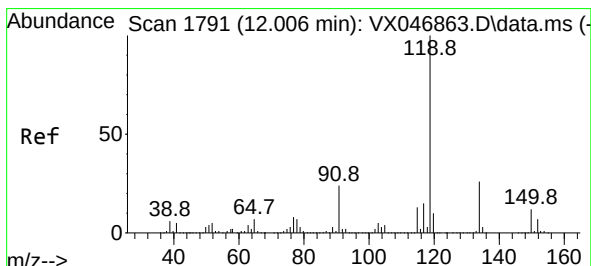
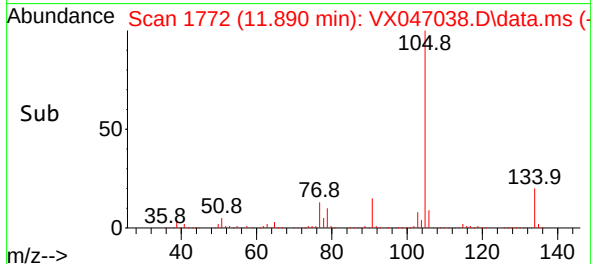
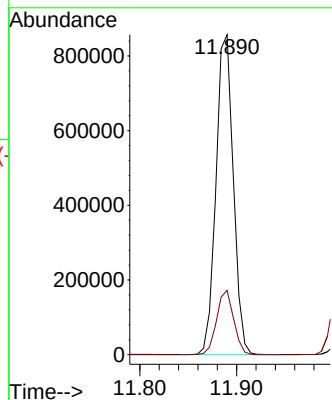
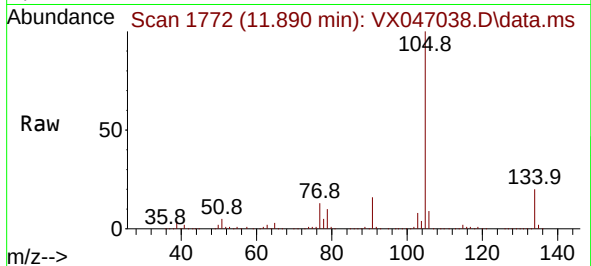




#85
sec-Butylbenzene
Concen: 57.979 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

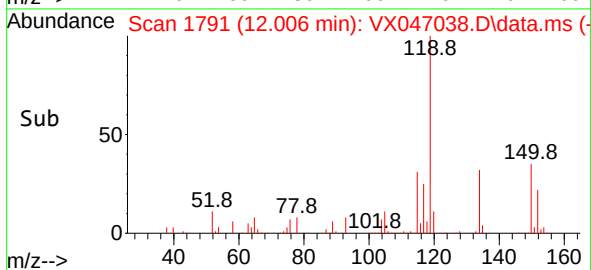
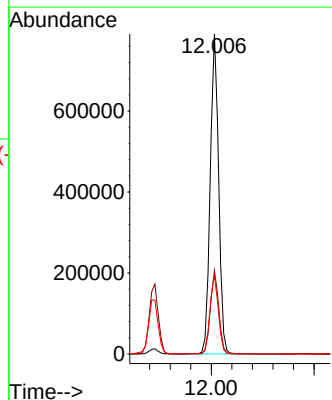
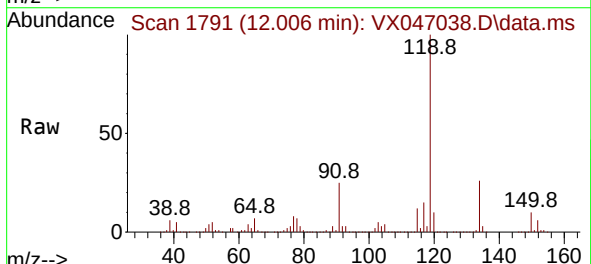
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

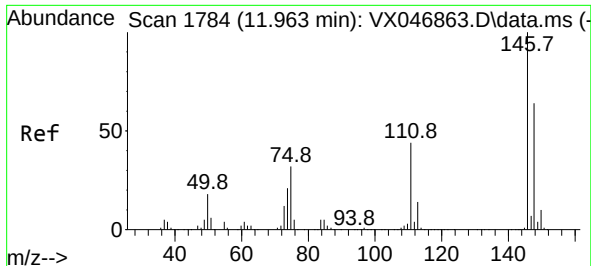
Tgt Ion:105 Resp: 1063839
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7



#86
p-Isopropyltoluene
Concen: 58.255 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion:119 Resp: 895123
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 56.486 ug/l

RT: 11.969 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

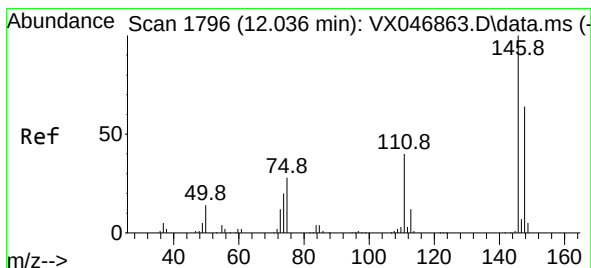
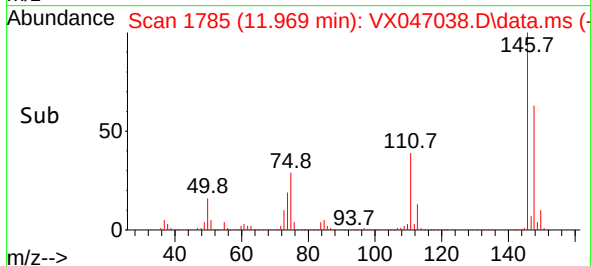
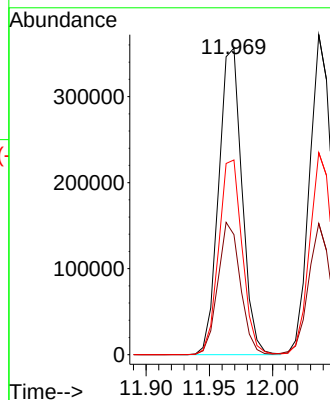
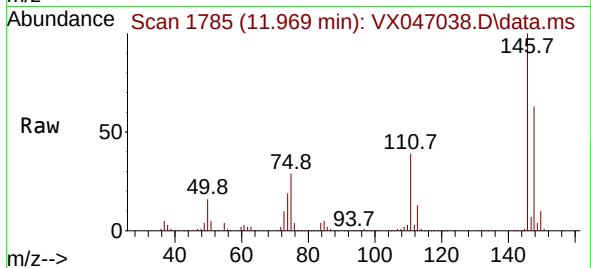
Tgt Ion:146 Resp: 456306

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 64.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 54.229 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

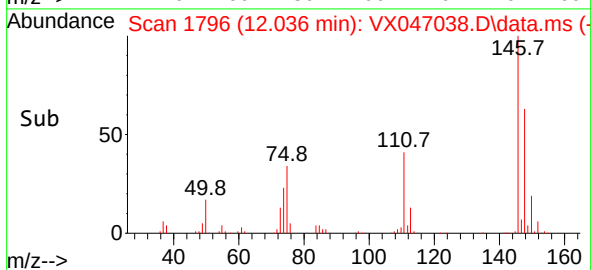
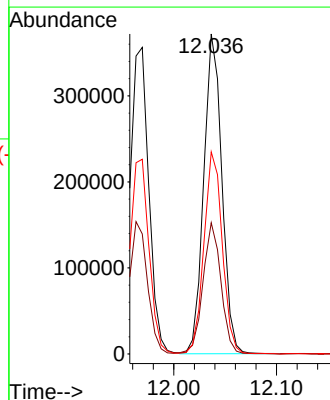
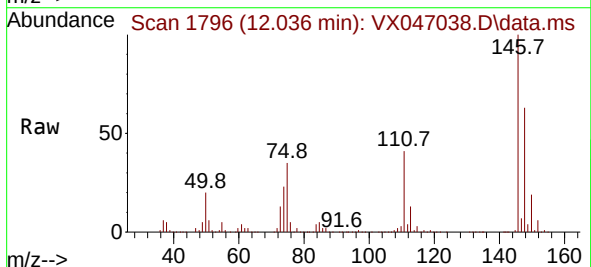
Tgt Ion:146 Resp: 455918

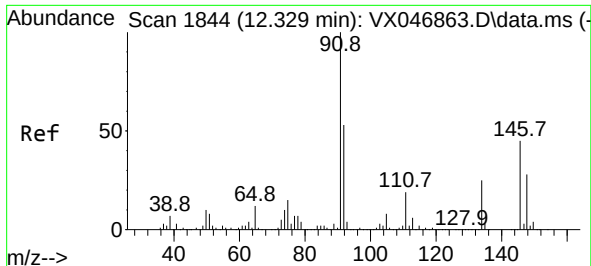
Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.5

148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 58.139 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

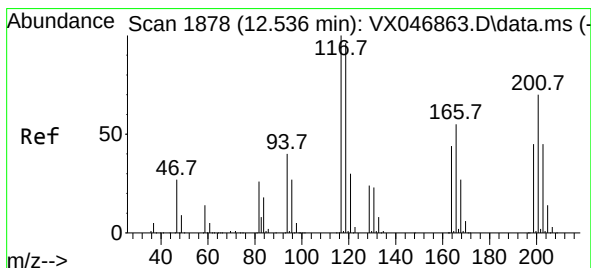
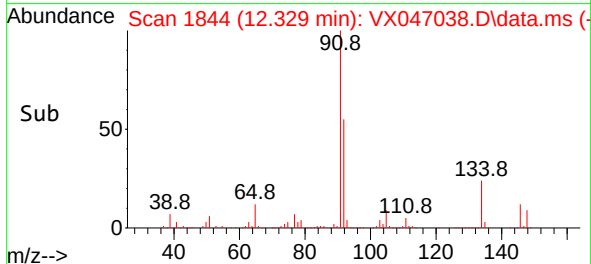
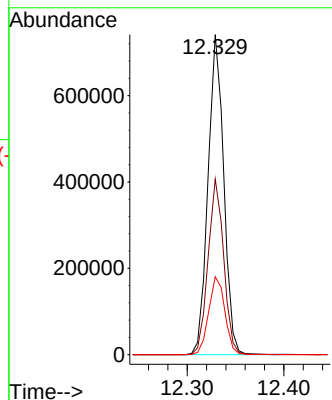
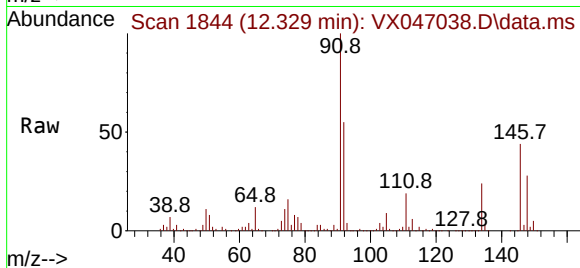
Tgt Ion: 91 Resp: 839391

Ion Ratio Lower Upper

91 100

92 54.6 27.0 81.0

134 25.2 12.8 38.4



#90

Hexachloroethane

Concen: 58.497 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047038.D

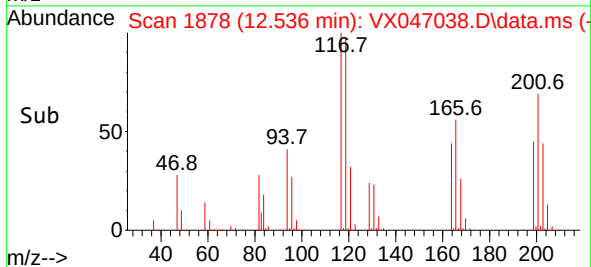
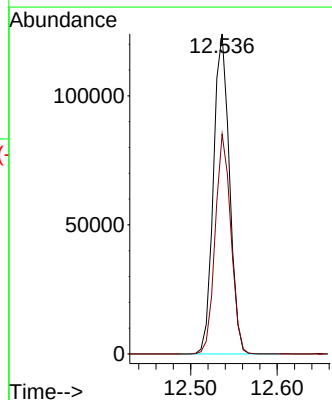
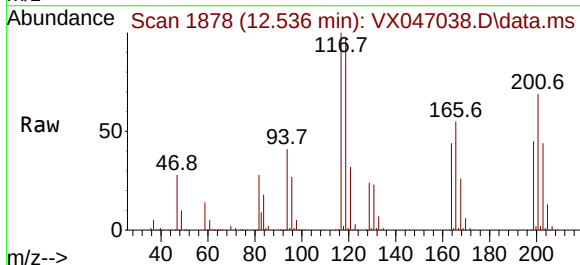
Acq: 18 Jul 2025 10:20

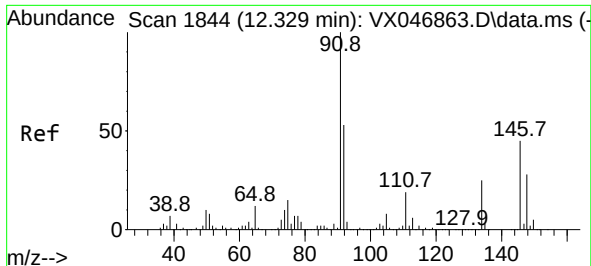
Tgt Ion:117 Resp: 159340

Ion Ratio Lower Upper

117 100

201 67.2 35.8 107.4

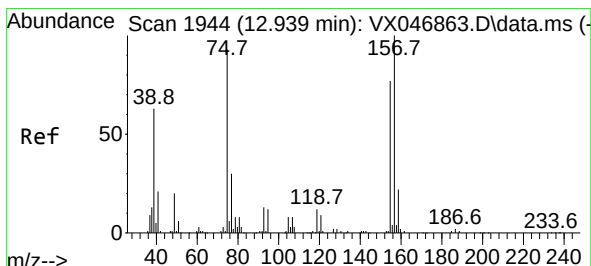
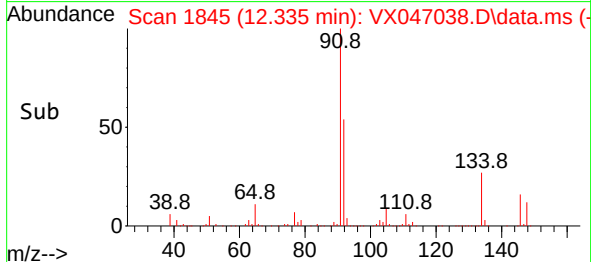
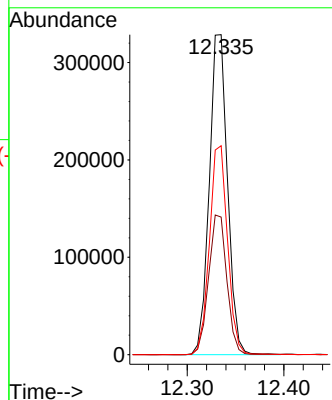
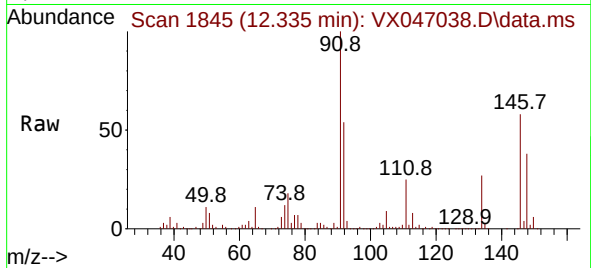




#91
1,2-Dichlorobenzene
Concen: 55.139 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

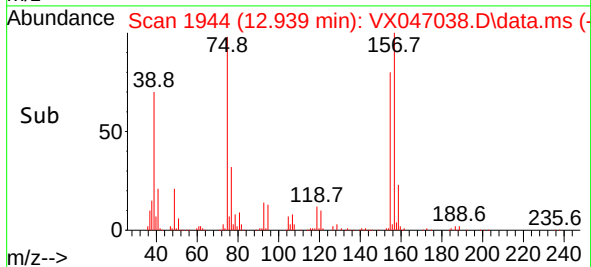
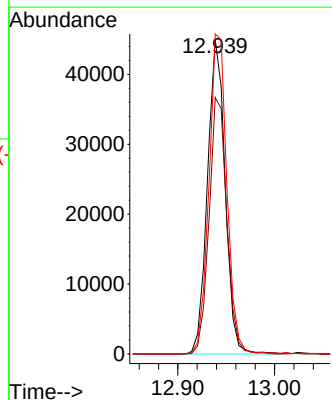
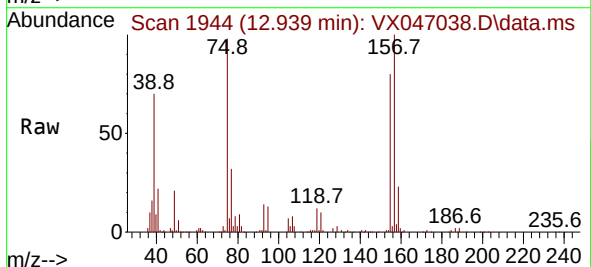
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

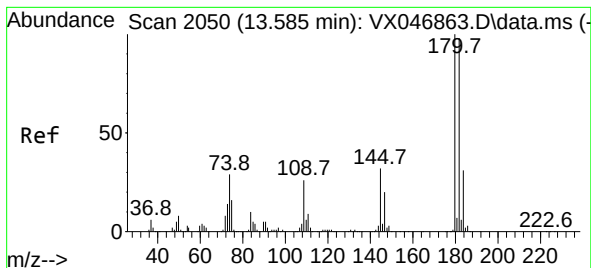
Tgt Ion:146 Resp: 431644
Ion Ratio Lower Upper
146 100
111 43.8 21.1 63.1
148 64.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 68.653 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047038.D
Acq: 18 Jul 2025 10:20

Tgt Ion: 75 Resp: 57256
Ion Ratio Lower Upper
75 100
155 81.8 43.1 129.4
157 104.1 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 56.945 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

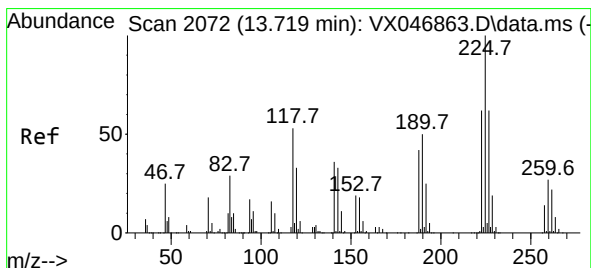
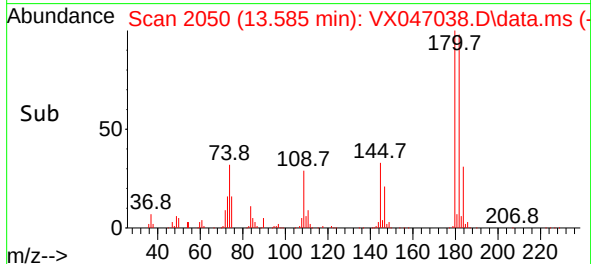
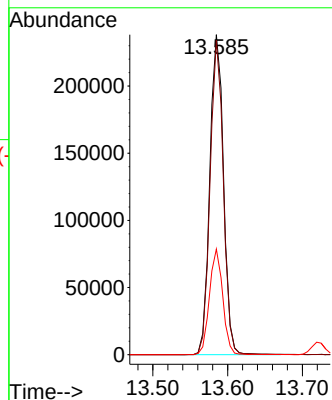
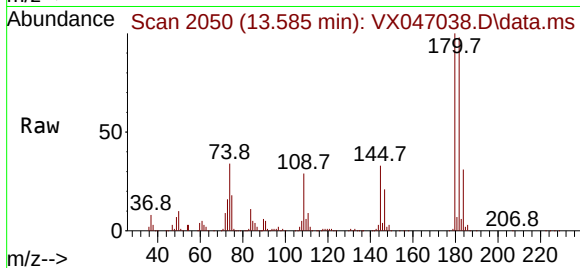
Tgt Ion:180 Resp: 302844

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 32.0 16.1 48.2



#94

Hexachlorobutadiene

Concen: 52.741 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

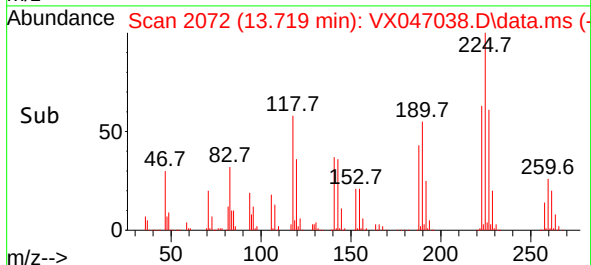
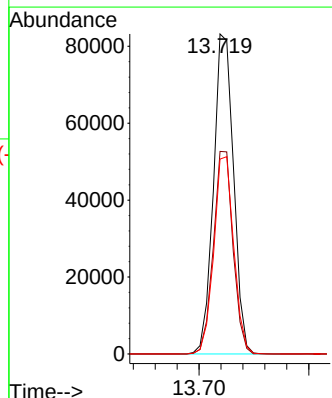
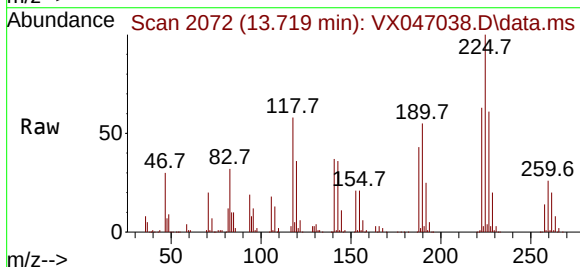
Tgt Ion:225 Resp: 105778

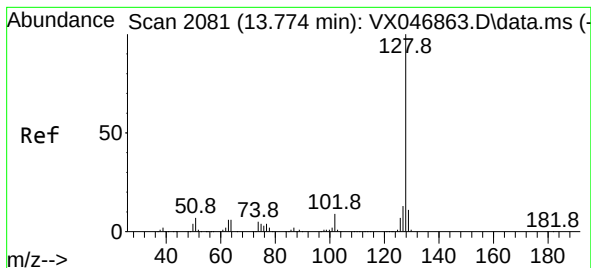
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.7

227 61.3 31.6 94.7





#95

Naphthalene

Concen: 64.490 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

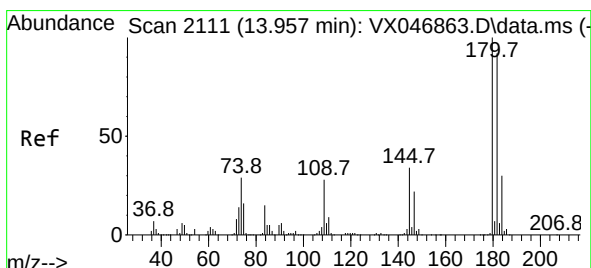
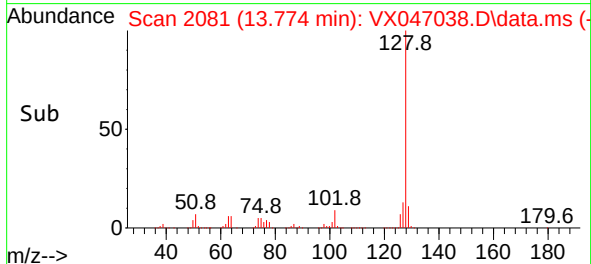
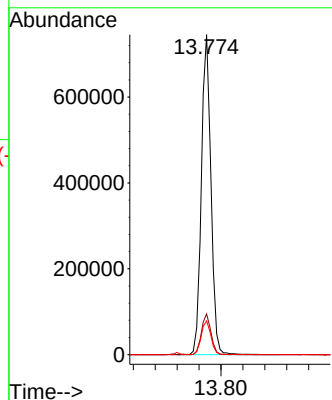
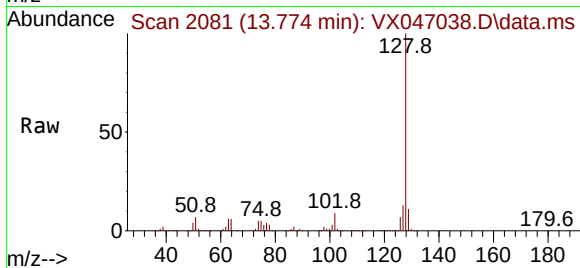
Tgt Ion:128 Resp: 903744

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: 56.984 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047038.D

Acq: 18 Jul 2025 10:20

Tgt Ion:180 Resp: 286344

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.1

145 34.2 16.8 50.3

