

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 11 01:55:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	231247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152665	52.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.000%
35) Dibromofluoromethane	5.391	113	130713	52.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.580%
50) Toluene-d8	8.647	98	365195	45.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.220%#
62) 4-Bromofluorobenzene	11.079	95	175814	50.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	154294	50.233	ug/l	98
3) Chloromethane	1.307	50	136156	44.813	ug/l	99
4) Vinyl Chloride	1.392	62	164247	50.289	ug/l	99
5) Bromomethane	1.624	94	71911	40.533	ug/l	95
6) Chloroethane	1.703	64	92423	43.086	ug/l	99
7) Trichlorofluoromethane	1.904	101	232408	47.721	ug/l	97
8) Diethyl Ether	2.142	74	91672	53.386	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	137841	46.978	ug/l	99
10) Methyl Iodide	2.465	142	228091	76.275	ug/l	98
11) Tert butyl alcohol	2.959	59	92358	275.312	ug/l #	84
12) 1,1-Dichloroethene	2.337	96	138506	47.660	ug/l	96
13) Acrolein	2.245	56	153095	246.829	ug/l	100
14) Allyl chloride	2.678	41	244065	46.460	ug/l	94
15) Acrylonitrile	3.075	53	360302	262.259	ug/l	100
16) Acetone	2.386	43	297586	257.878	ug/l	99
17) Carbon Disulfide	2.526	76	400921	47.687	ug/l	99
18) Methyl Acetate	2.709	43	174494	56.900	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	490729	55.484	ug/l	99
20) Methylene Chloride	2.800	84	162173	51.083	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	149125	50.145	ug/l	96
22) Diisopropyl ether	3.763	45	539008	53.368	ug/l	95
23) Vinyl Acetate	3.727	43	2263579	279.430	ug/l	100
24) 1,1-Dichloroethane	3.617	63	281839	50.183	ug/l	100
25) 2-Butanone	4.562	43	432527	257.412	ug/l	98
26) 2,2-Dichloropropane	4.489	77	205742	47.324	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	183158	52.011	ug/l	97
28) Bromochloromethane	4.904	49	133256	51.573	ug/l	98
29) Tetrahydrofuran	5.019	42	276863	255.374	ug/l	99
30) Chloroform	5.099	83	291249	50.945	ug/l	99
31) Cyclohexane	5.477	56	239879	44.545	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	242222	48.780	ug/l	98
36) 1,1-Dichloropropene	5.702	75	188588	44.257	ug/l	99
37) Ethyl Acetate	4.715	43	202555	51.587	ug/l	99
38) Carbon Tetrachloride	5.684	117	206875	45.487	ug/l	100
39) Methylcyclohexane	7.385	83	236926	44.533	ug/l	96
40) Benzene	6.044	78	599757	48.635	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	93566	45.575	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	223998	51.565	ug/l	99
43) Isopropyl Acetate	6.342	43	326436	53.328	ug/l	99
44) Trichloroethene	7.129	130	150146	47.480	ug/l	99
45) 1,2-Dichloropropane	7.434	63	153258	49.621	ug/l	96
46) Dibromomethane	7.580	93	115987	53.551	ug/l	99
47) Bromodichloromethane	7.818	83	238350	51.701	ug/l	100
48) Methyl methacrylate	7.696	41	168665	50.579	ug/l	99
49) 1,4-Dioxane	7.732	88	36832	971.121	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	920319	252.947	ug/l	99
52) Toluene	8.720	92	368712	48.626	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	225767	51.860	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	246252	51.683	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	147145	51.745	ug/l	98
56) Ethyl methacrylate	9.116	69	227558	54.054	ug/l	100
57) 1,3-Dichloropropane	9.305	76	254703	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	578974	247.148	ug/l	100
59) 2-Hexanone	9.427	43	617131	256.730	ug/l	99
60) Dibromochloromethane	9.519	129	178055	53.388	ug/l	100
61) 1,2-Dibromoethane	9.610	107	151437	50.930	ug/l	98
64) Tetrachloroethene	9.275	164	118324	45.025	ug/l	98
65) Chlorobenzene	10.079	112	409612	47.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	144886	50.390	ug/l	99
67) Ethyl Benzene	10.189	91	707124	47.356	ug/l	100
68) m/p-Xylenes	10.299	106	526829	94.281	ug/l	100
69) o-Xylene	10.640	106	256952	48.337	ug/l	99
70) Styrene	10.652	104	455538	49.975	ug/l	99
71) Bromoform	10.799	173	111372	50.992	ug/l #	99
73) Isopropylbenzene	10.957	105	658316	47.143	ug/l	99
74) N-amyl acetate	10.841	43	277128	49.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	199045	49.900	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	206890	63.149	ug/l	82
77) Bromobenzene	11.195	156	165609	49.444	ug/l	99
78) n-propylbenzene	11.299	91	780436	46.768	ug/l	99
79) 2-Chlorotoluene	11.360	91	474112	47.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	545300	47.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43870	34.499	ug/l	98
82) 4-Chlorotoluene	11.451	91	554152	47.595	ug/l	100
83) tert-Butylbenzene	11.713	119	551319	47.613	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	554881	48.221	ug/l	100
85) sec-Butylbenzene	11.890	105	669009	46.241	ug/l	100
86) p-Isopropyltoluene	12.006	119	565570	47.139	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	303368	47.668	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	302789	46.961	ug/l	98
89) n-Butylbenzene	12.329	91	527023	46.840	ug/l	99
90) Hexachloroethane	12.536	117	102837	47.912	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	288861	47.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39433	51.501	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	191541	47.662	ug/l	99
94) Hexachlorobutadiene	13.725	225	67223	49.185	ug/l	98
95) Naphthalene	13.774	128	603234	51.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186271	48.112	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

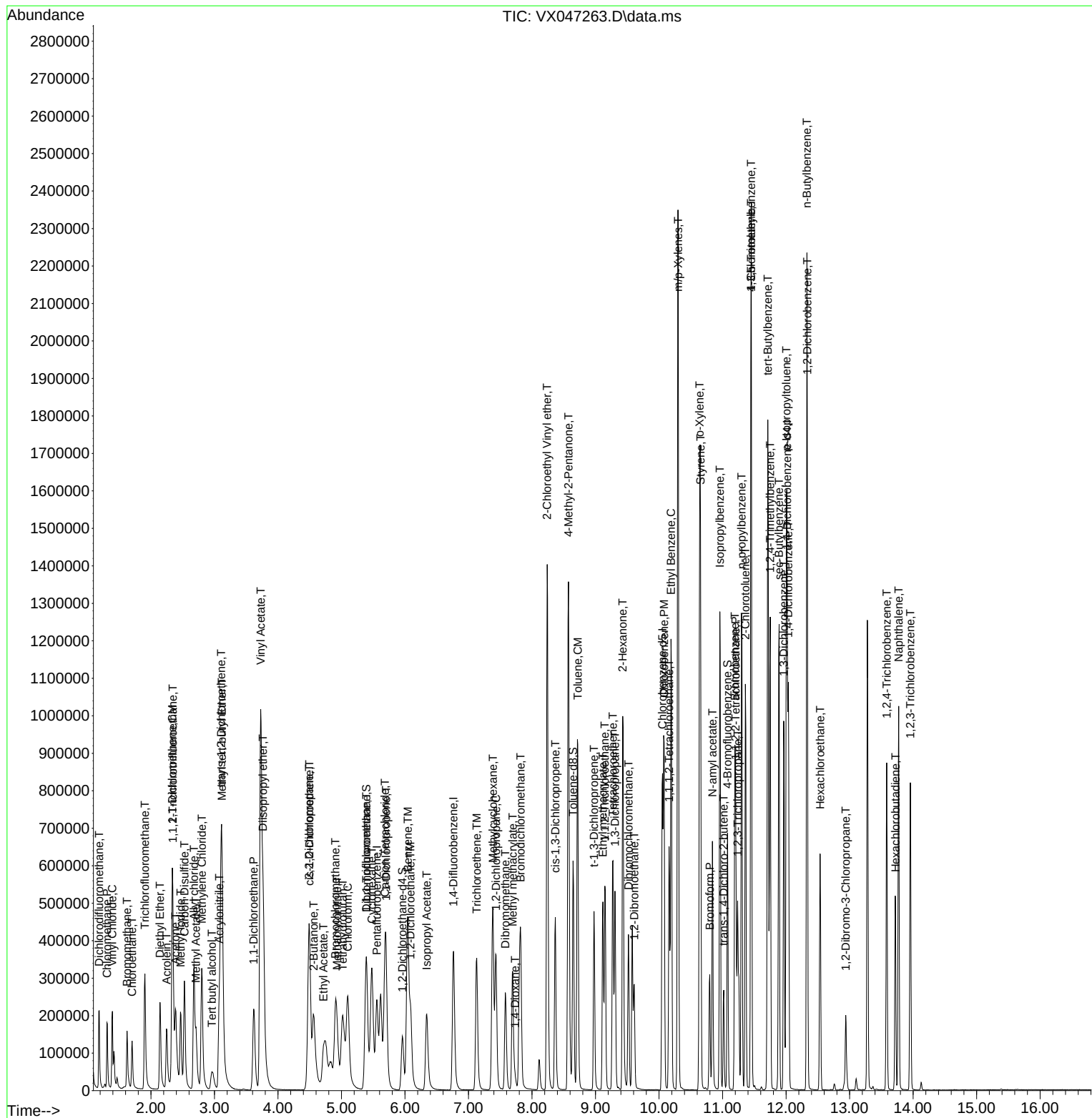
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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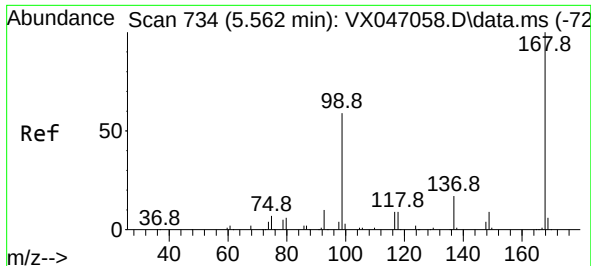
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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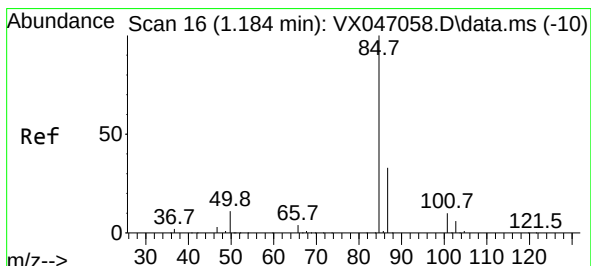
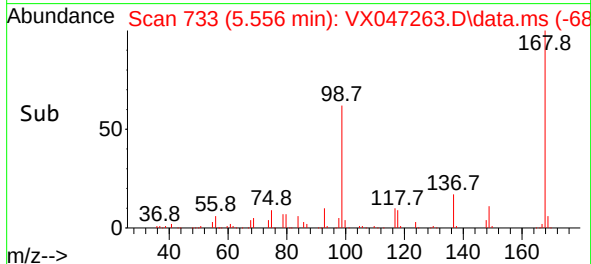
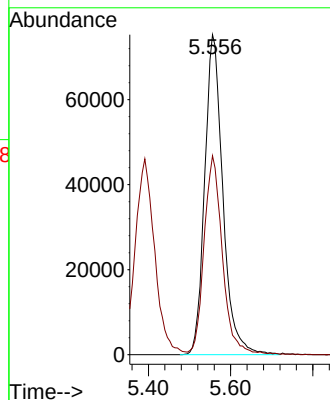
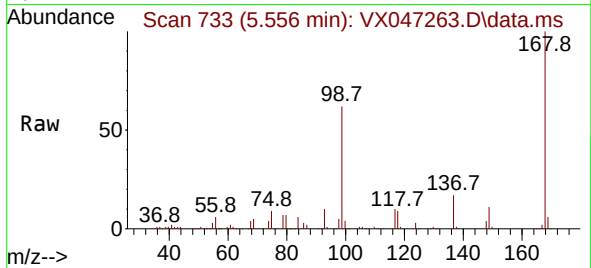




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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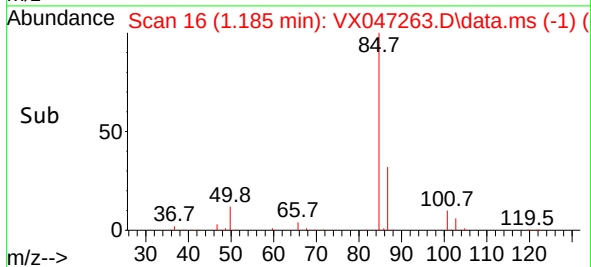
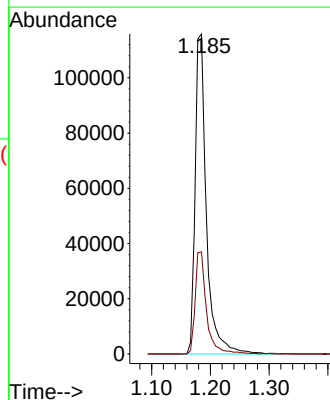
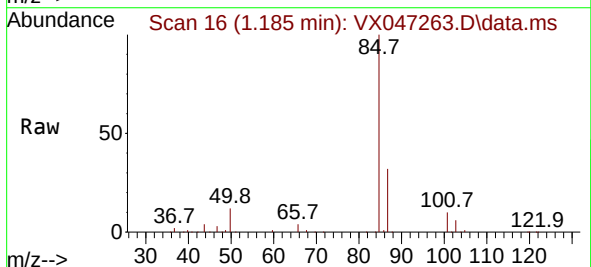
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

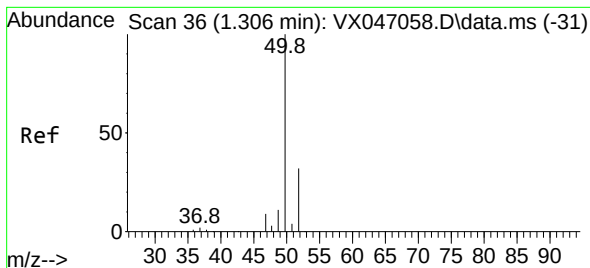
Tgt Ion:168 Resp: 231247
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 50.233 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 85 Resp: 154294
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3

Chloromethane

Concen: 44.813 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

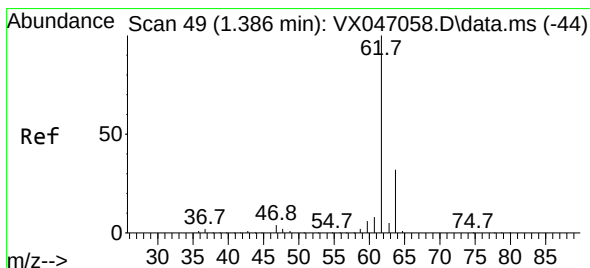
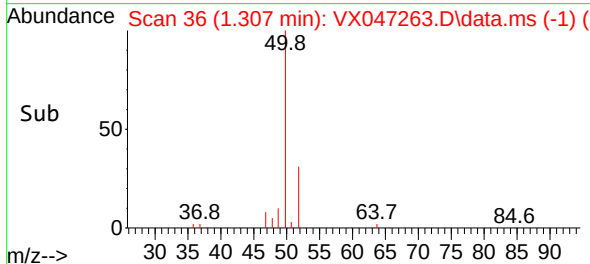
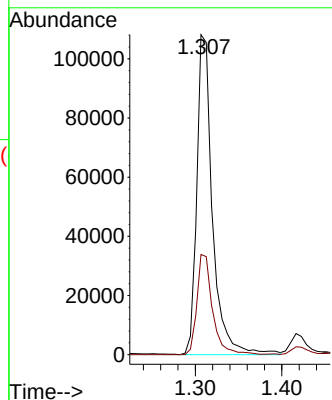
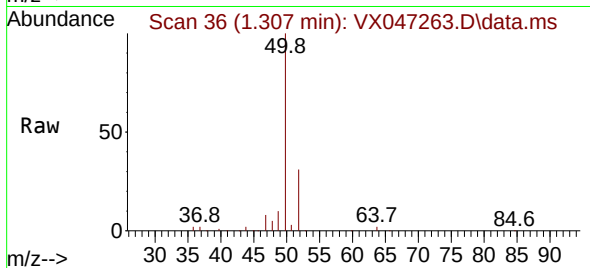
VSTDCCC050

Tgt Ion: 50 Resp: 136156

Ion Ratio Lower Upper

50 100

52 31.3 25.4 38.2



#4

Vinyl Chloride

Concen: 50.289 ug/l

RT: 1.392 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX047263.D

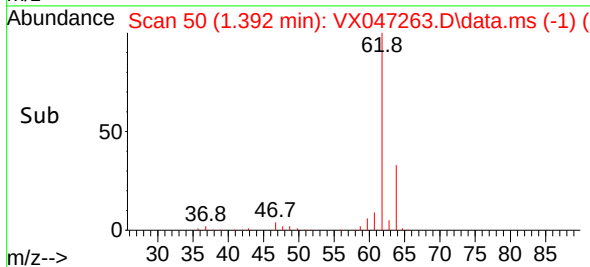
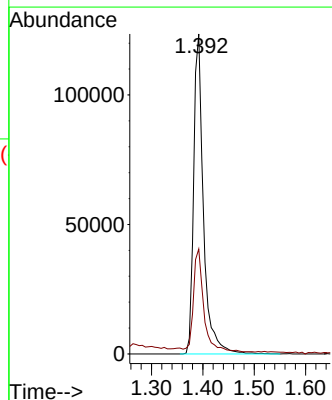
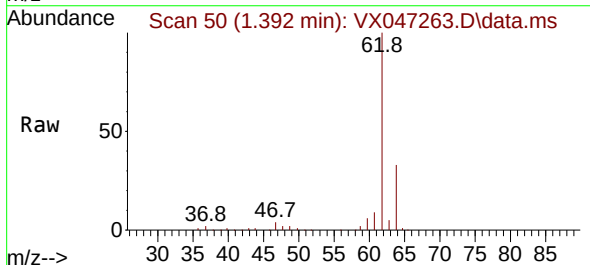
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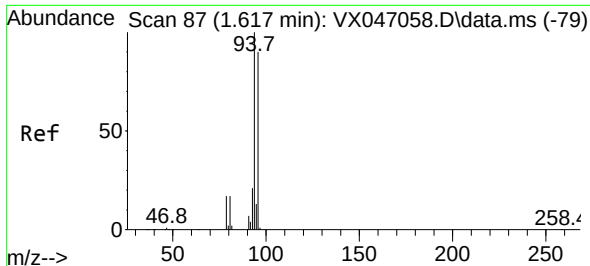
Tgt Ion: 62 Resp: 164247

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8

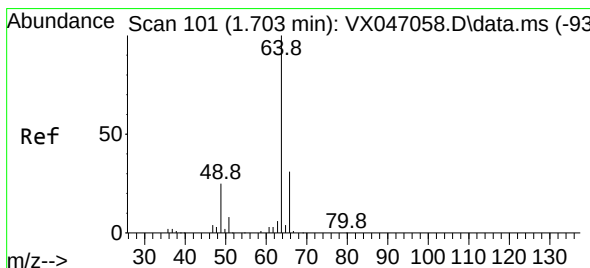
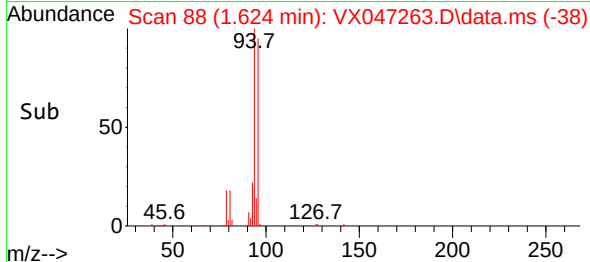
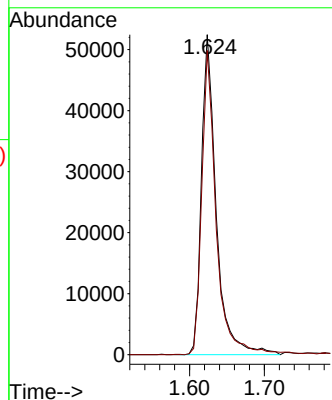
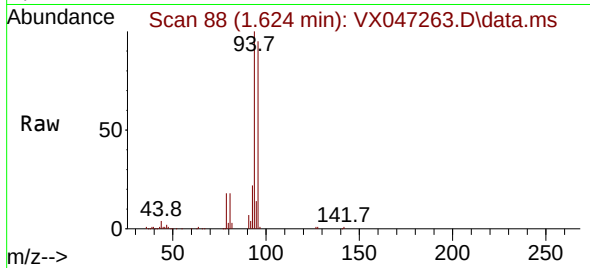




#5
Bromomethane
Concen: 40.533 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047263.D
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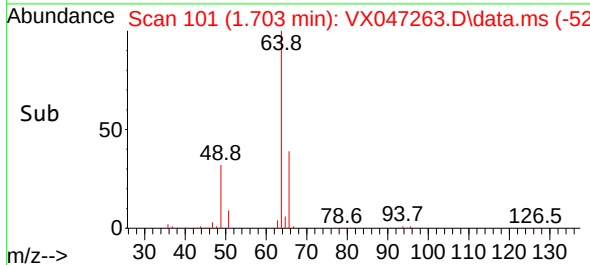
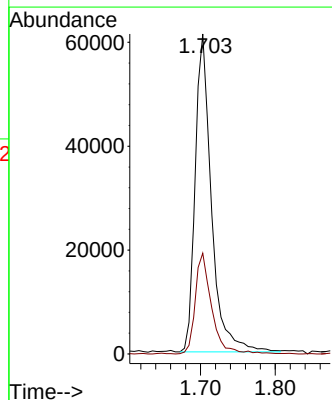
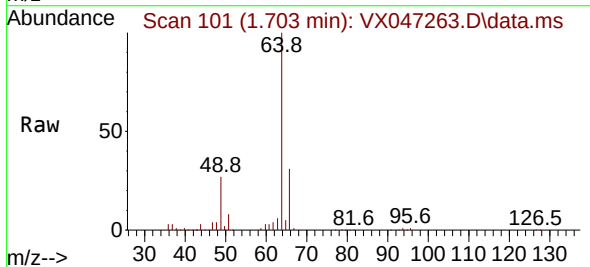
Instrument :
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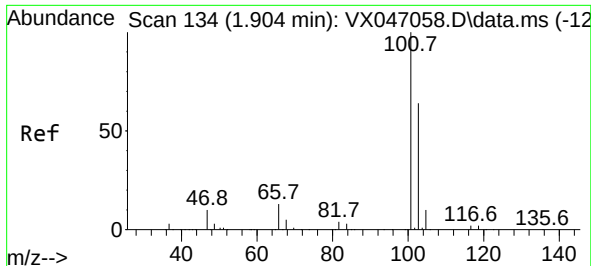
Tgt Ion: 94 Resp: 71911
Ion Ratio Lower Upper
94 100
96 95.0 72.3 108.5



#6
Chloroethane
Concen: 43.086 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 64 Resp: 92423
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6

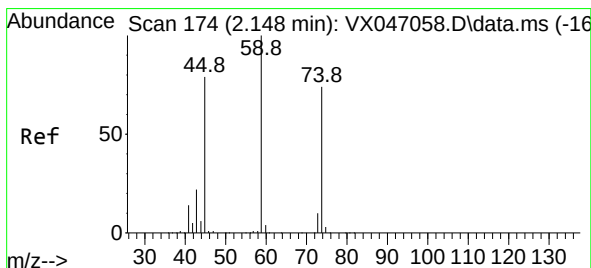
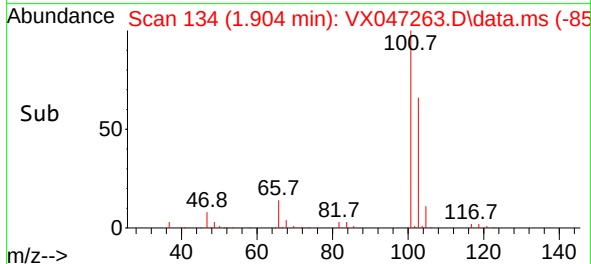
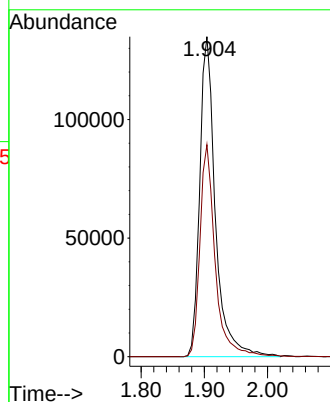
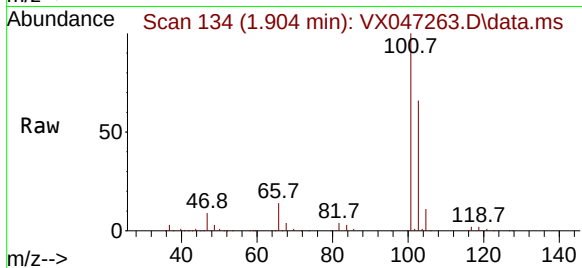




#7
 Trichlorofluoromethane
 Concen: 47.721 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047263.D
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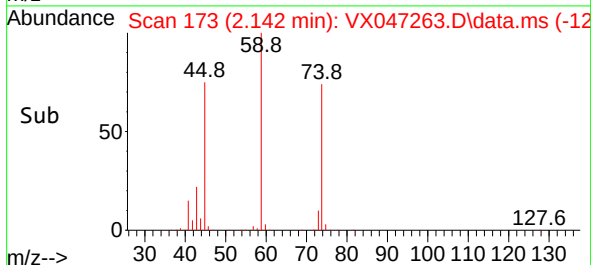
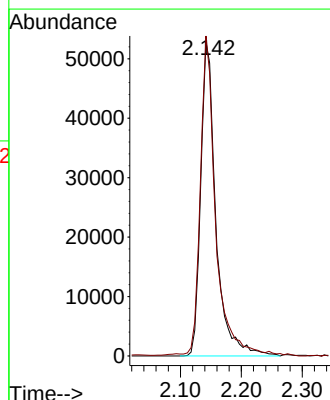
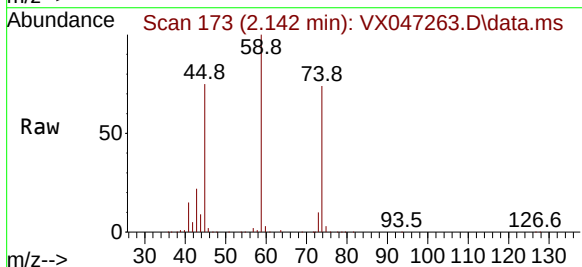
Instrument :
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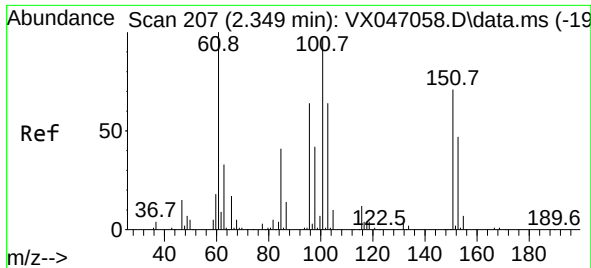
Tgt Ion:101 Resp: 232408
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.9 76.3



#8
 Diethyl Ether
 Concen: 53.386 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047263.D
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Tgt Ion: 74 Resp: 91672
 Ion Ratio Lower Upper
 74 100
 45 103.9 53.0 159.0

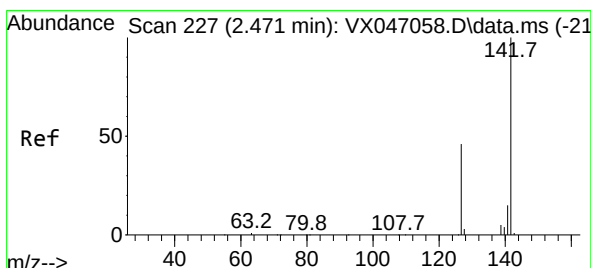
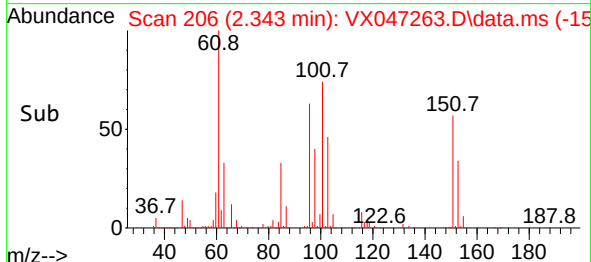
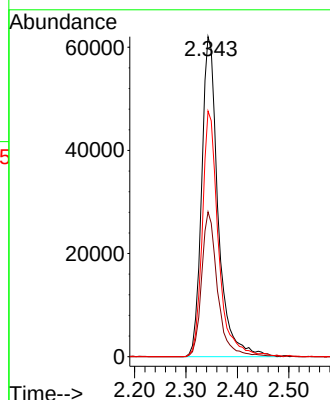
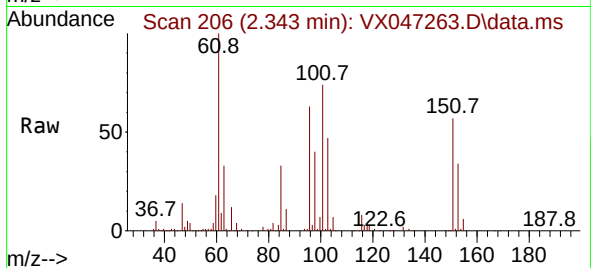




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.978 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

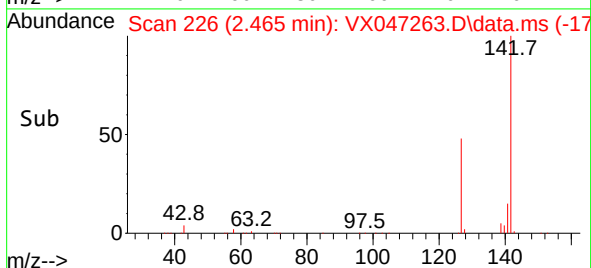
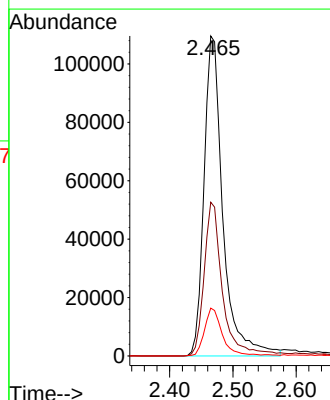
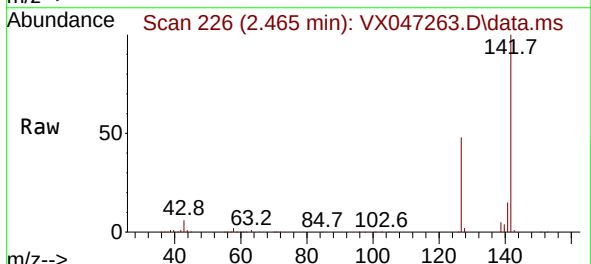
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

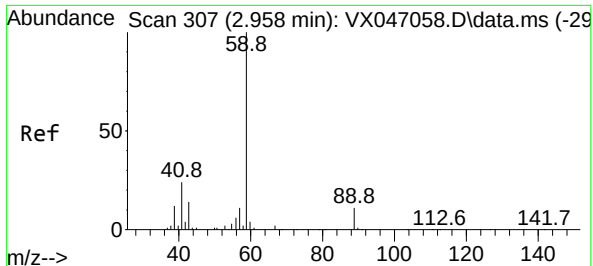
Tgt Ion:101 Resp: 137841
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 75.5 59.2 88.8



#10
Methyl Iodide
Concen: 76.275 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:142 Resp: 228091
Ion Ratio Lower Upper
142 100
127 47.1 36.6 54.8
141 14.0 10.9 16.3

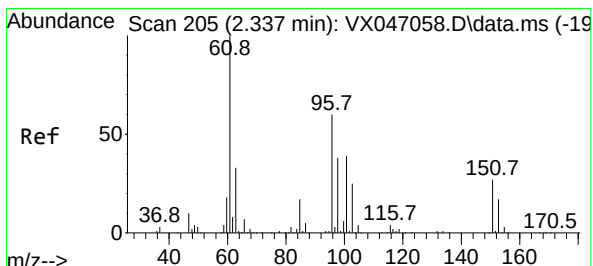
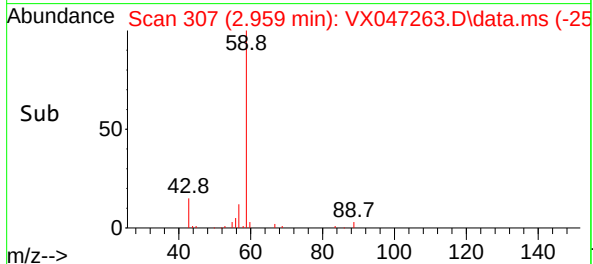
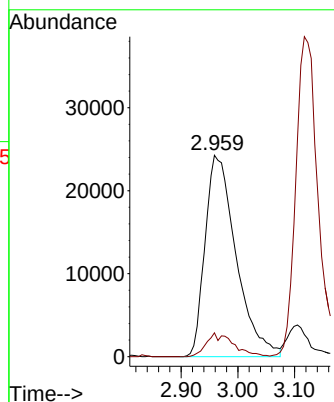
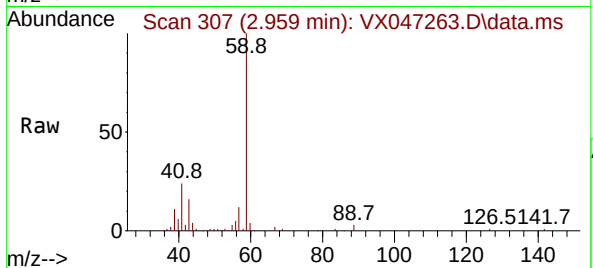




#11
Tert butyl alcohol
Concen: 275.312 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

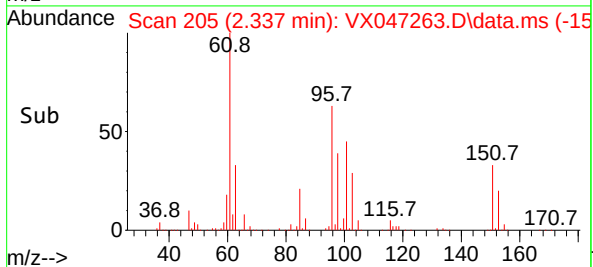
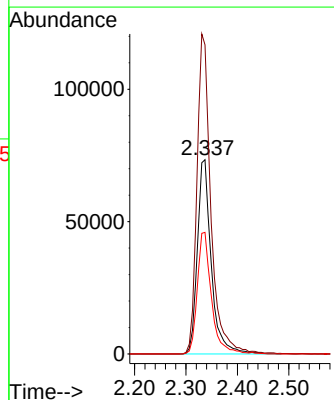
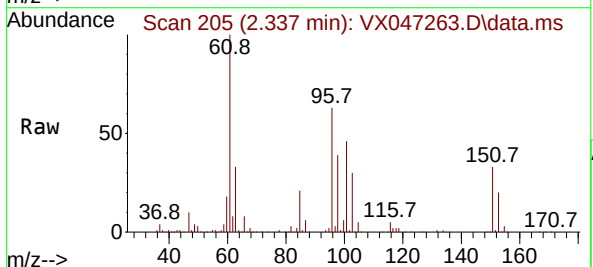
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

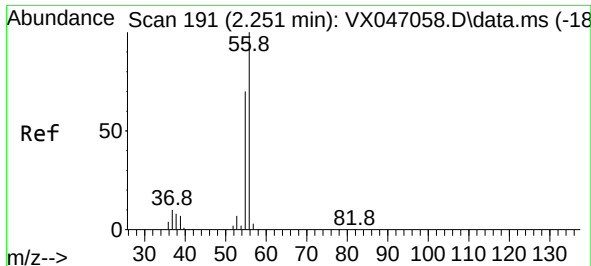
Tgt Ion: 59 Resp: 92358
Ion Ratio Lower Upper
59 100
57 4.6 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 47.660 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 96 Resp: 138506
Ion Ratio Lower Upper
96 100
61 159.1 132.6 198.8
98 62.6 50.2 75.4

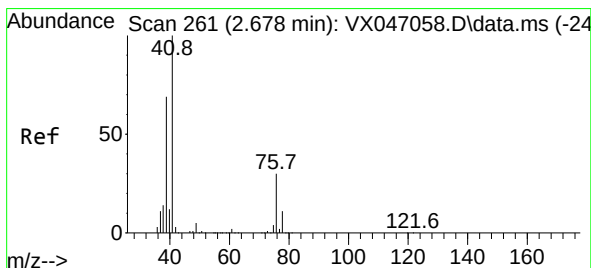
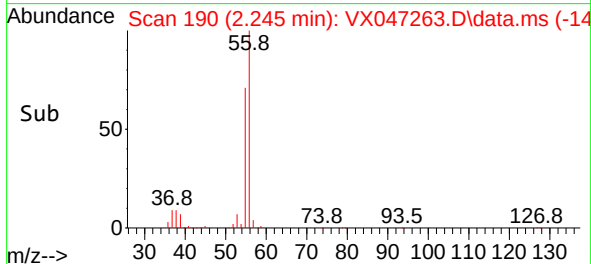
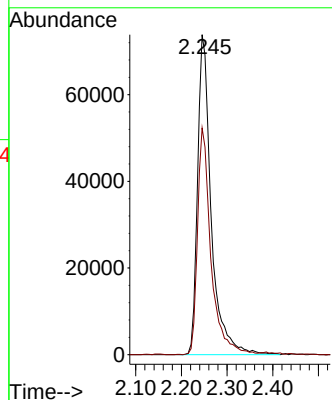
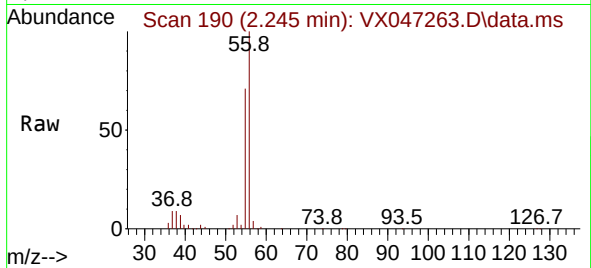




#13
Acrolein
Concen: 246.829 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

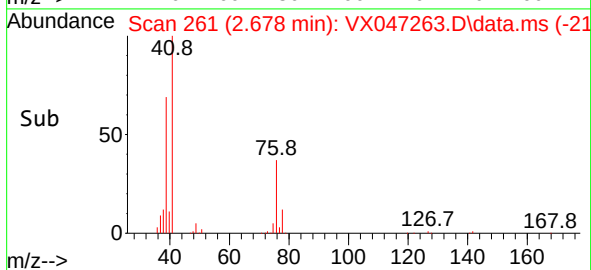
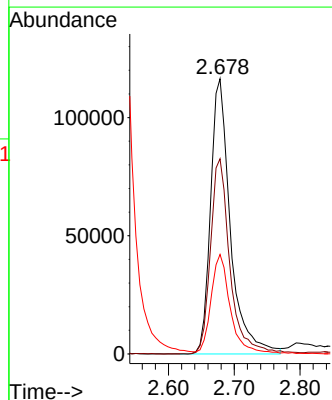
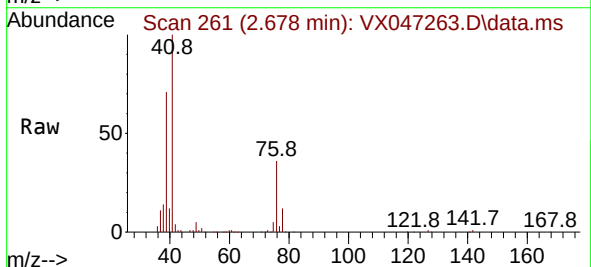
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

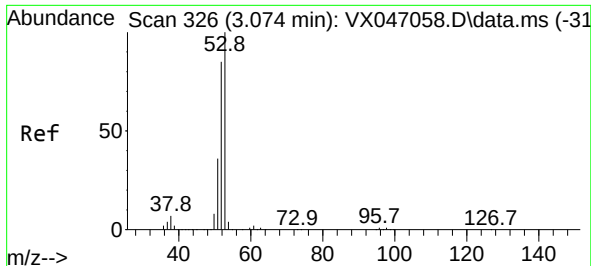
Tgt Ion: 56 Resp: 153095
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5



#14
Allyl chloride
Concen: 46.460 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 41 Resp: 244065
Ion Ratio Lower Upper
41 100
39 70.0 52.6 78.8
76 35.7 25.7 38.5

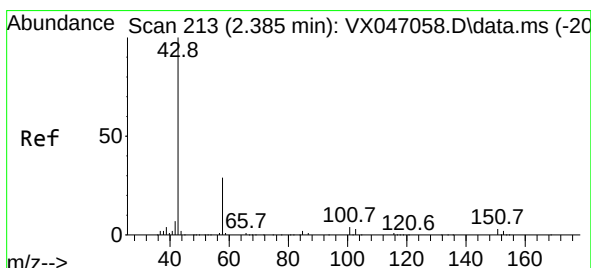
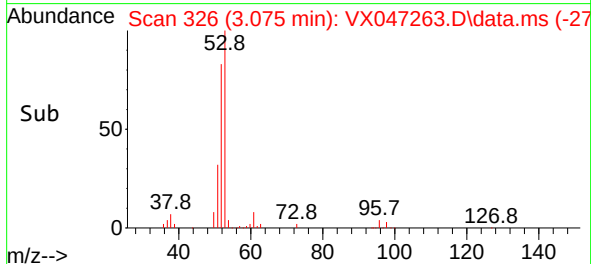
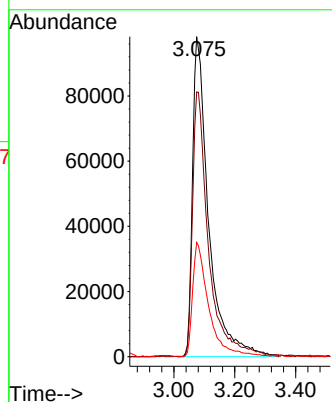
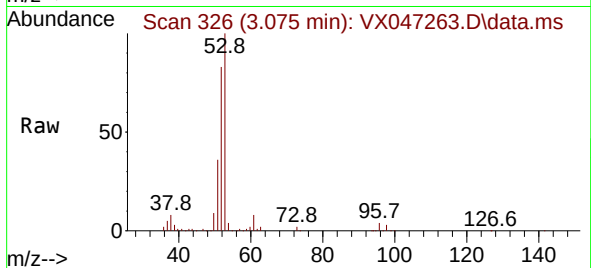




#15
Acrylonitrile
Concen: 262.259 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

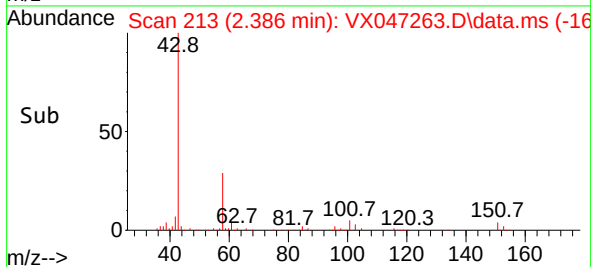
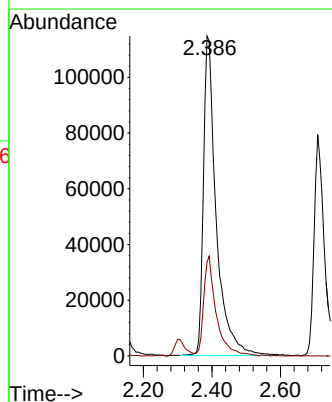
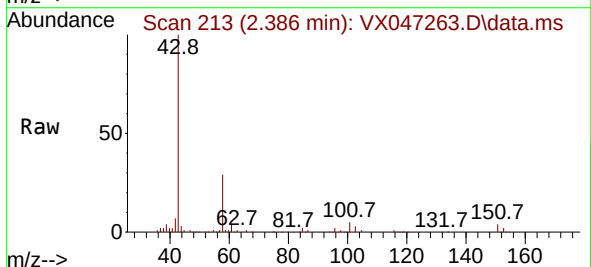
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

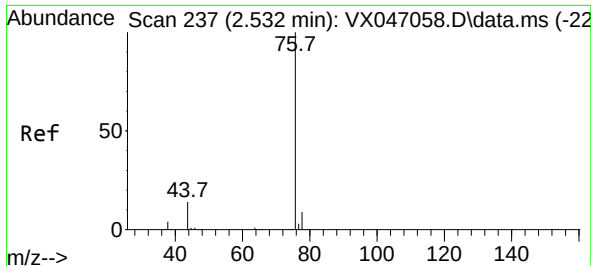
Tgt Ion: 53 Resp: 360302
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.8 28.8 43.2



#16
Acetone
Concen: 257.878 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 43 Resp: 297586
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0





#17

Carbon Disulfide

Concen: 47.687 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

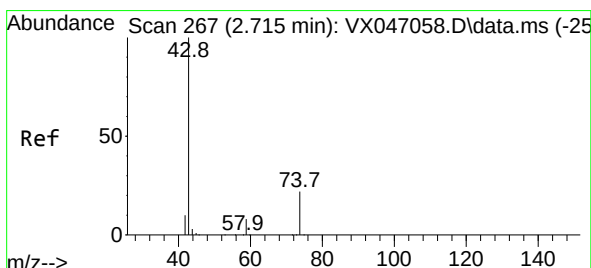
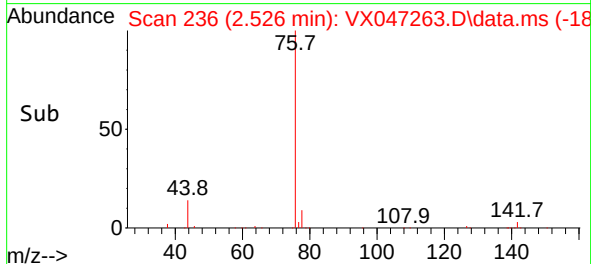
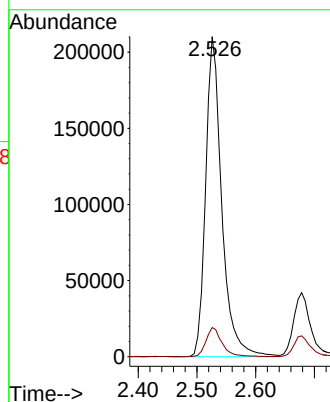
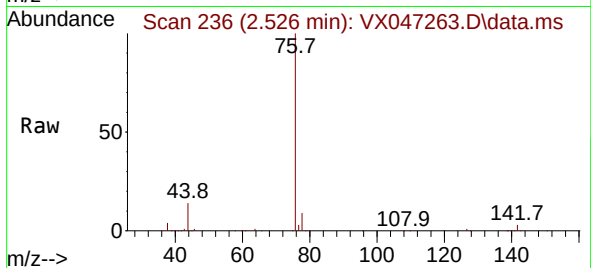
VSTDCCC050

Tgt Ion: 76 Resp: 400921

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 56.900 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX047263.D

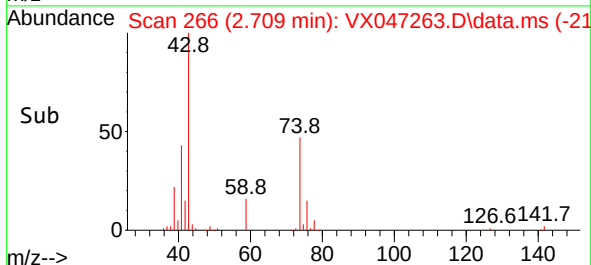
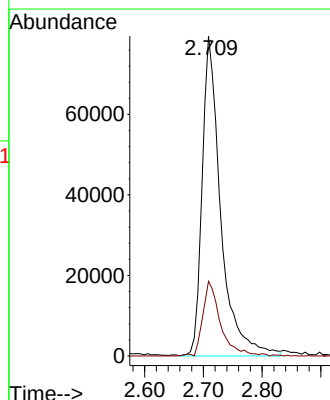
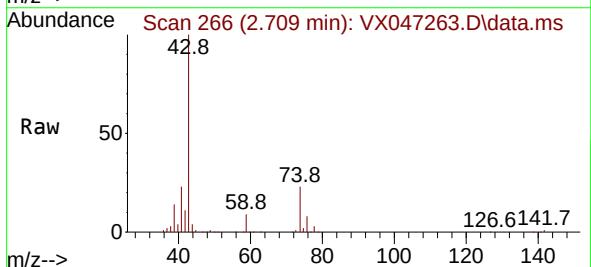
Acq: 08 Aug 2025 11:04

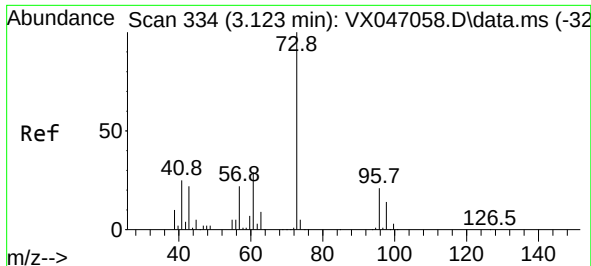
Tgt Ion: 43 Resp: 174494

Ion Ratio Lower Upper

43 100

74 22.2 17.7 26.5

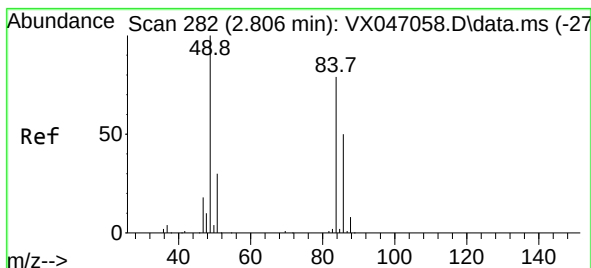
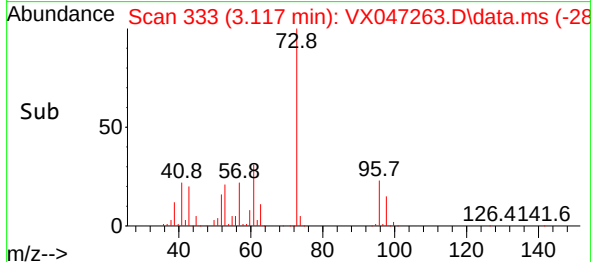
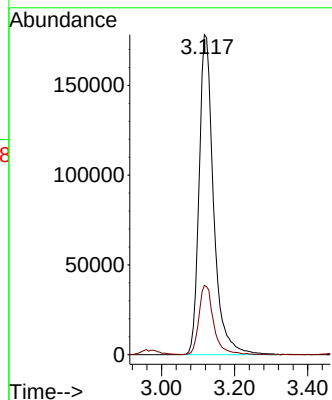
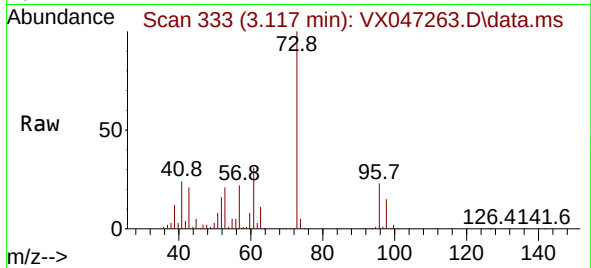




#19
Methyl tert-butyl Ether
Concen: 55.484 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

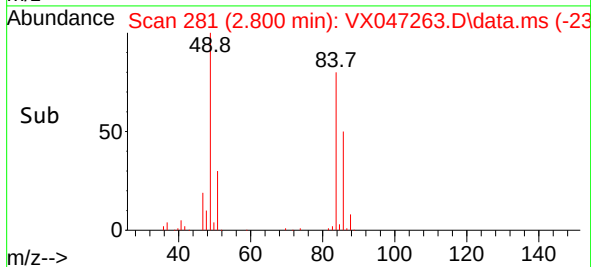
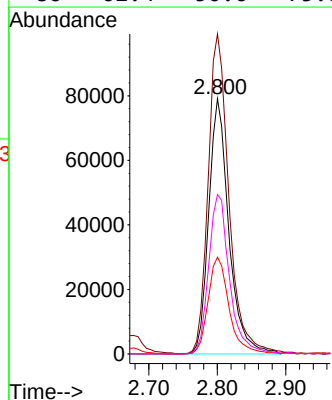
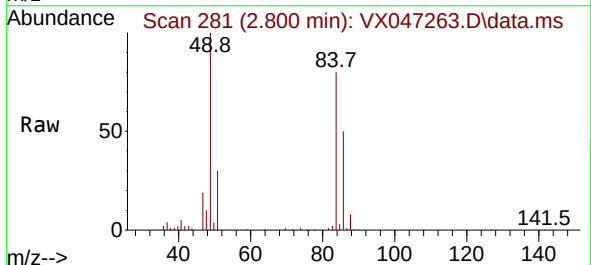
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

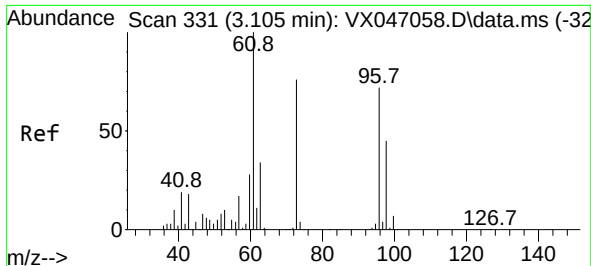
Tgt Ion: 73 Resp: 490729
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 51.083 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 84 Resp: 162173
Ion Ratio Lower Upper
84 100
49 125.2 101.6 152.4
51 37.9 30.3 45.5
86 62.4 50.6 75.8

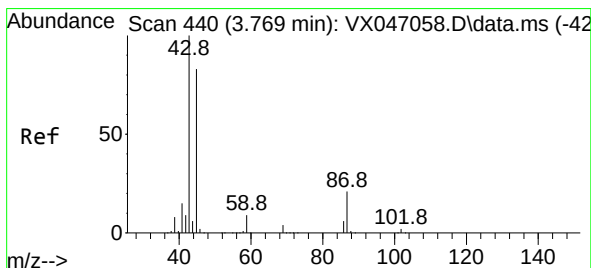
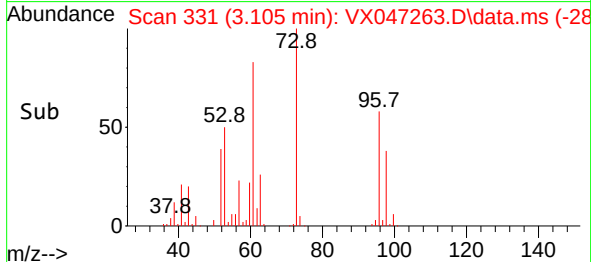
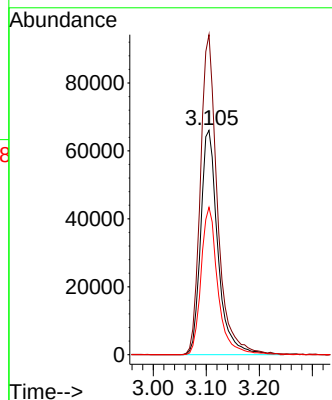
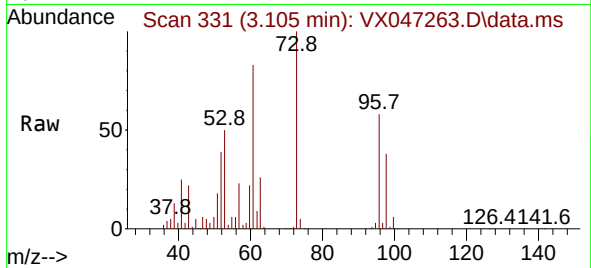




#21
trans-1,2-Dichloroethene
Concen: 50.145 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

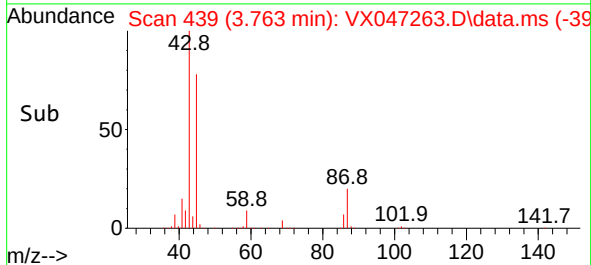
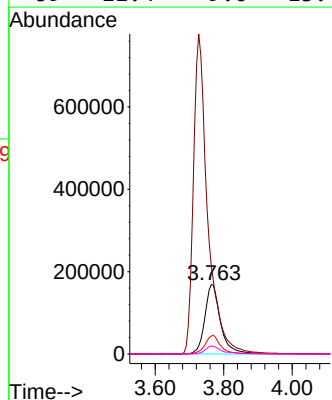
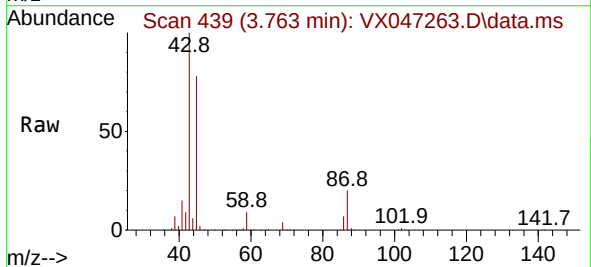
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

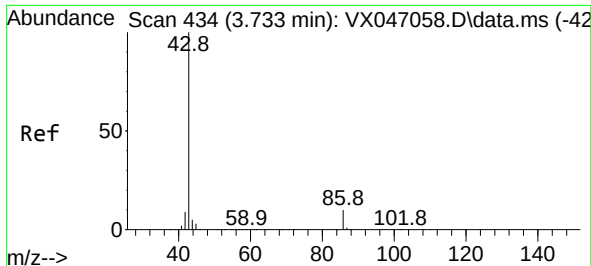
Tgt Ion: 96 Resp: 149125
Ion Ratio Lower Upper
96 100
61 142.6 111.1 166.7
98 65.6 49.6 74.4



#22
Diisopropyl ether
Concen: 53.368 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 45 Resp: 539008
Ion Ratio Lower Upper
45 100
43 127.7 96.8 145.2
87 25.8 20.5 30.7
59 11.4 9.0 13.4

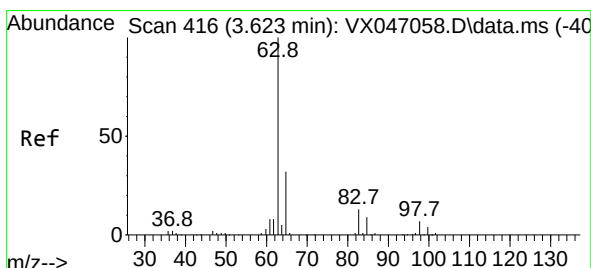
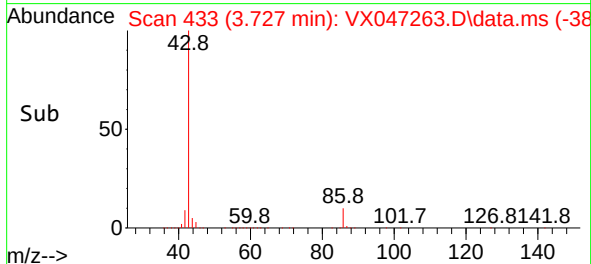
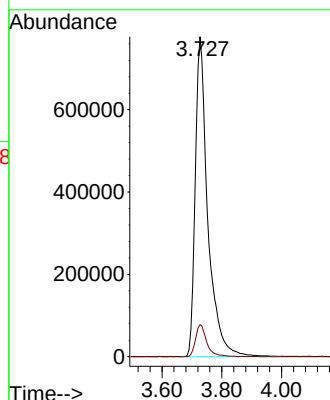
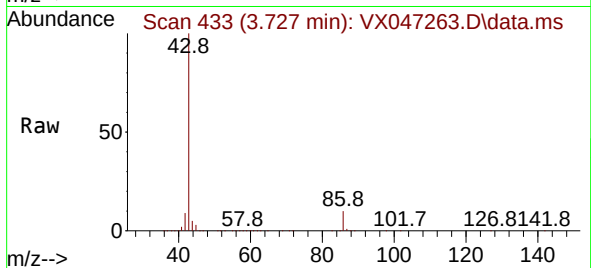




#23
 Vinyl Acetate
 Concen: 279.430 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

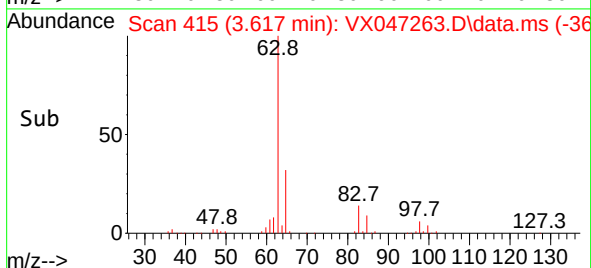
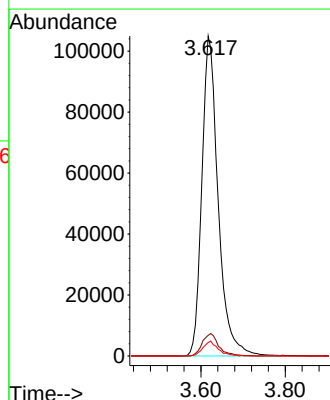
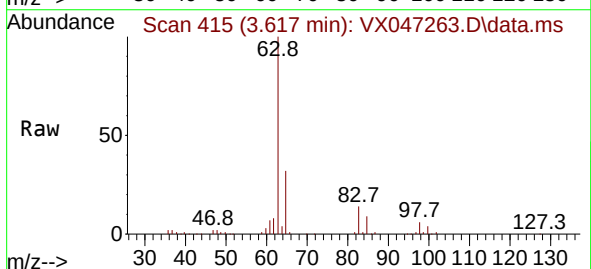
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

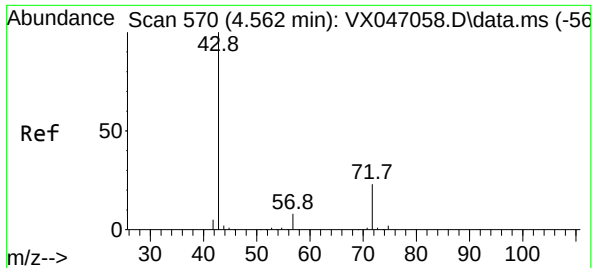
Tgt Ion: 43 Resp: 2263579
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.183 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Tgt Ion: 63 Resp: 281839
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.4 2.3 6.8

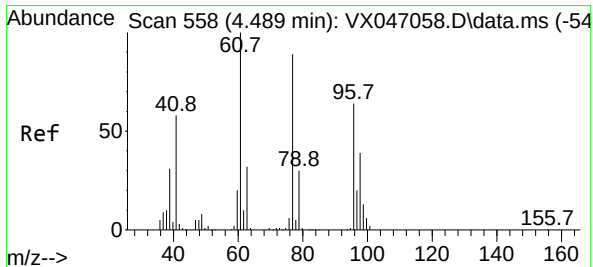
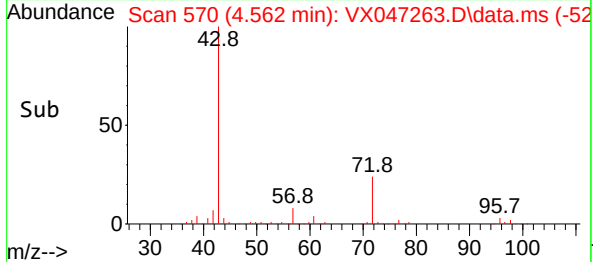
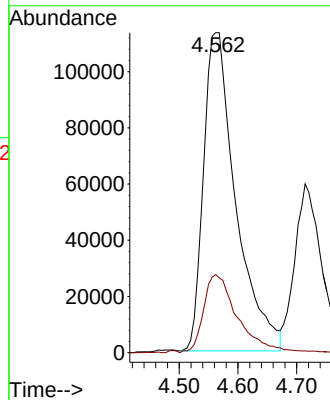
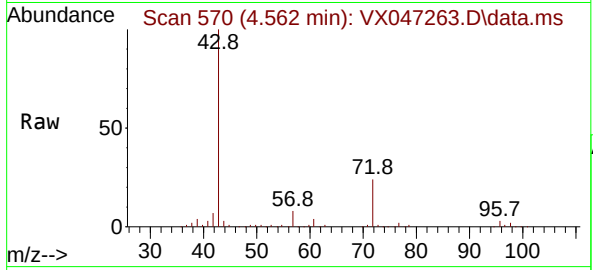




#25
2-Butanone
Concen: 257.412 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

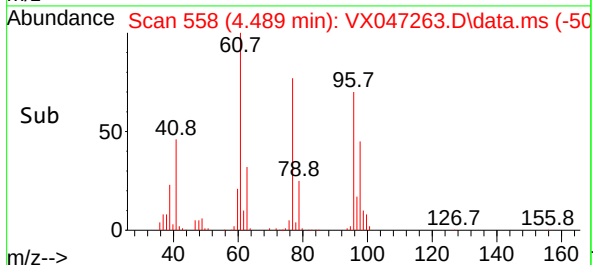
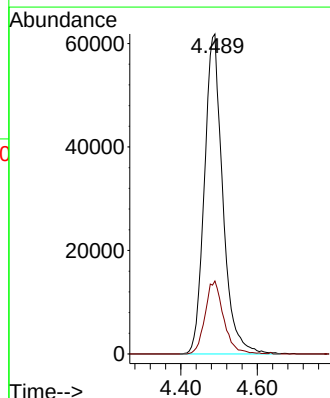
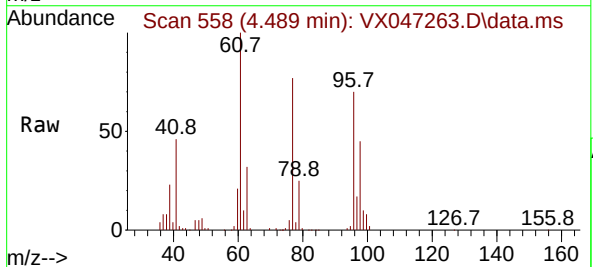
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

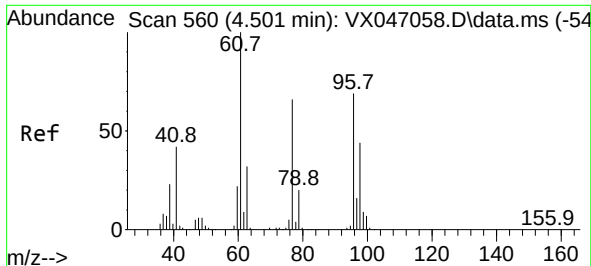
Tgt Ion: 43 Resp: 432527
Ion Ratio Lower Upper
43 100
72 24.6 18.8 28.2



#26
2,2-Dichloropropane
Concen: 47.324 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 77 Resp: 205742
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1

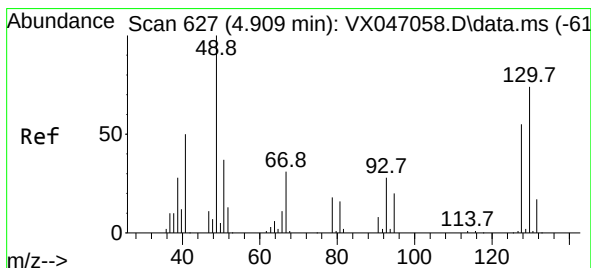
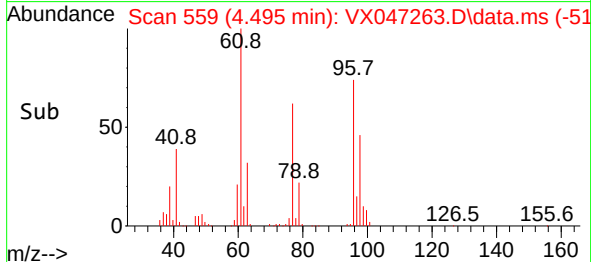
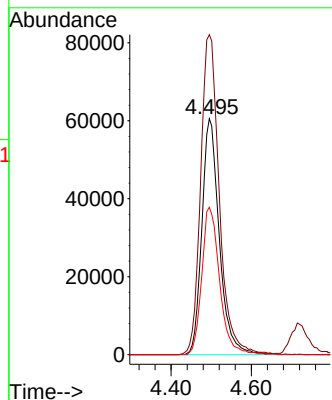
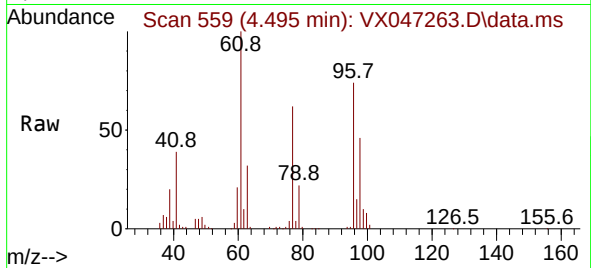




#27
 cis-1,2-Dichloroethene
 Concen: 52.011 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

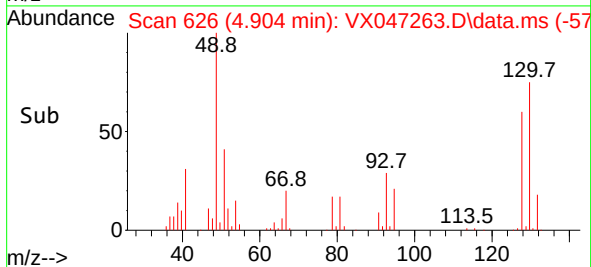
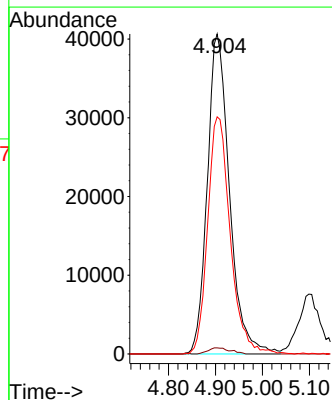
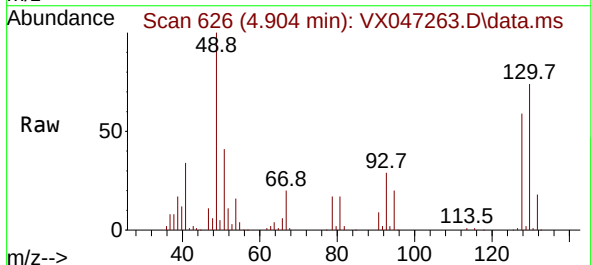
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

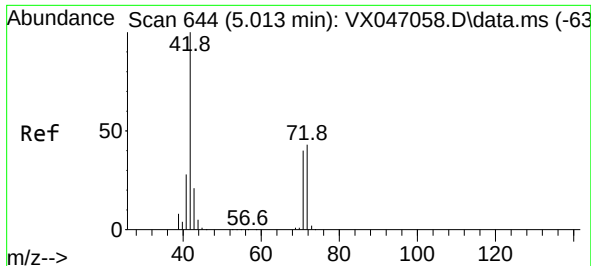
Tgt Ion: 96 Resp: 183158
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 298.6
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.573 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Tgt Ion: 49 Resp: 133256
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 75.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 255.374 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

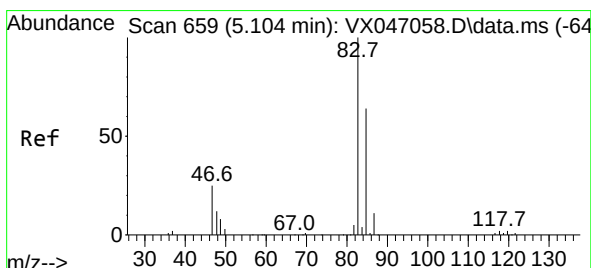
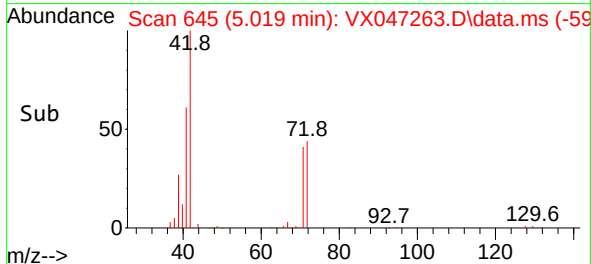
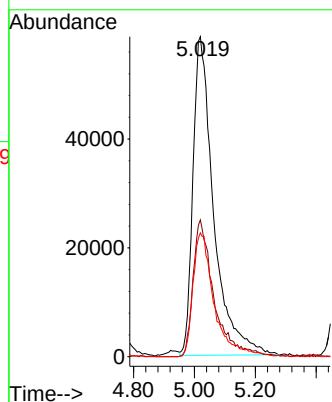
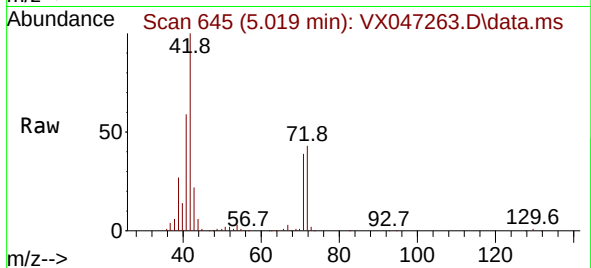
Tgt Ion: 42 Resp: 276863

Ion Ratio Lower Upper

42 100

72 43.5 33.7 50.5

71 39.1 31.0 46.4



#30

Chloroform

Concen: 50.945 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047263.D

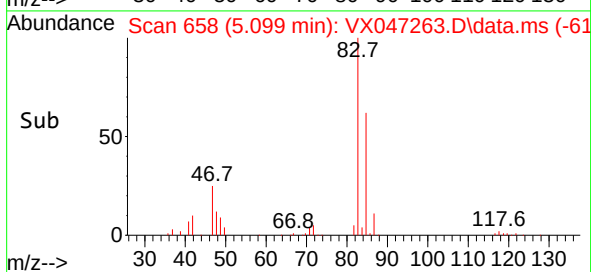
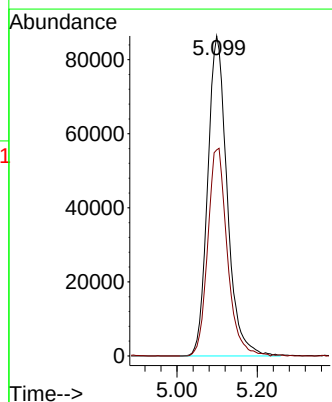
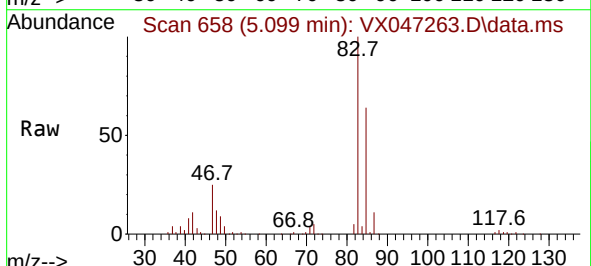
Acq: 08 Aug 2025 11:04

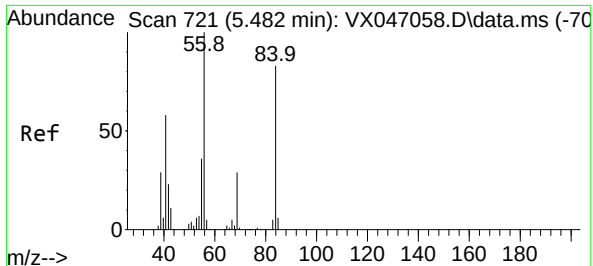
Tgt Ion: 83 Resp: 291249

Ion Ratio Lower Upper

83 100

85 64.4 50.9 76.3

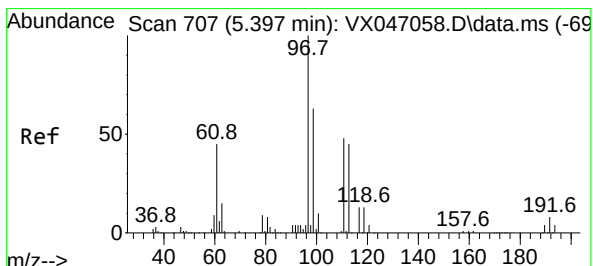
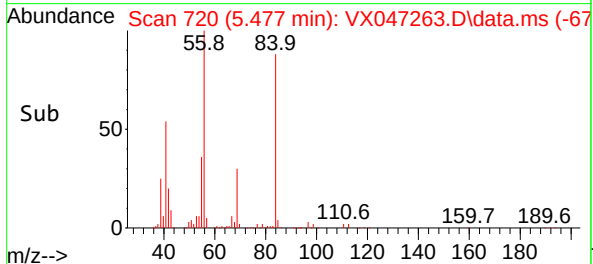
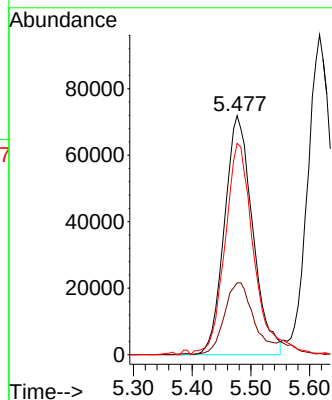
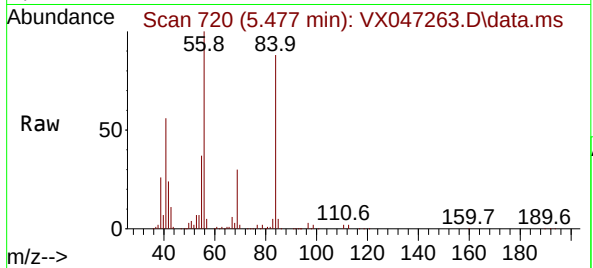




#31
Cyclohexane
Concen: 44.545 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

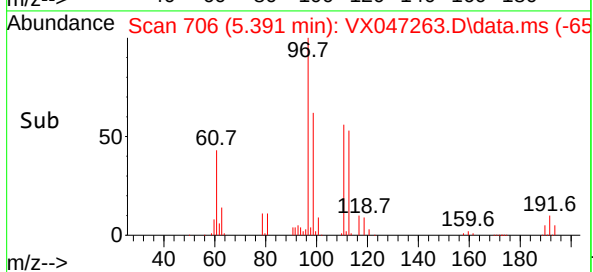
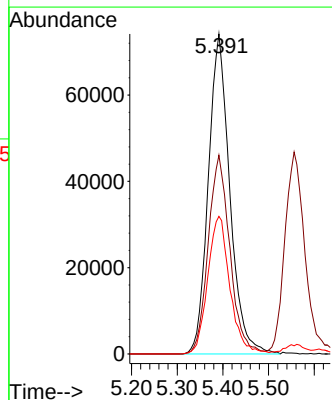
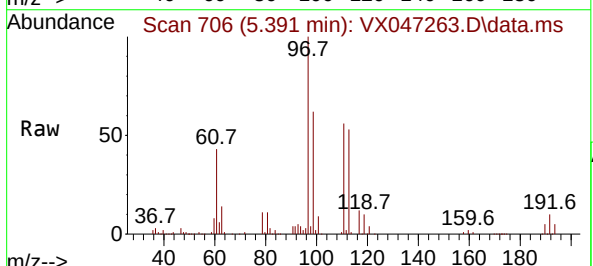
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

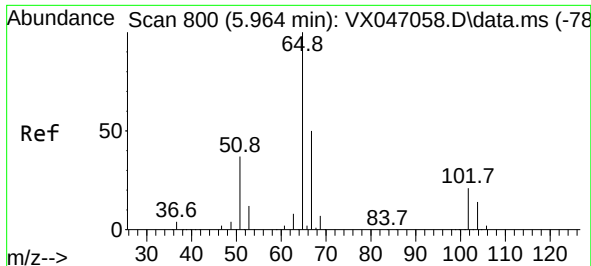
Tgt Ion: 56 Resp: 239879
Ion Ratio Lower Upper
56 100
69 29.7 23.3 34.9
84 88.4 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 48.780 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 97 Resp: 242222
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 44.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 52.998 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

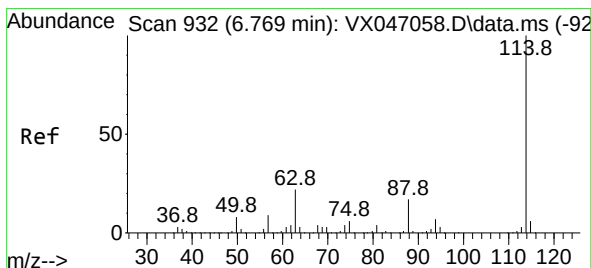
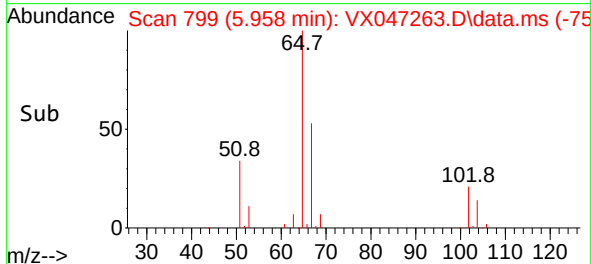
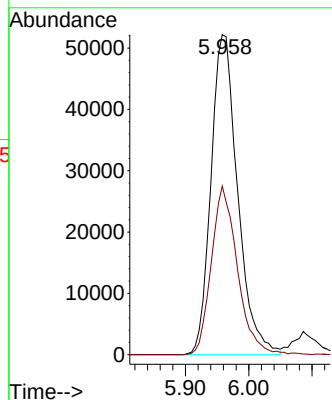
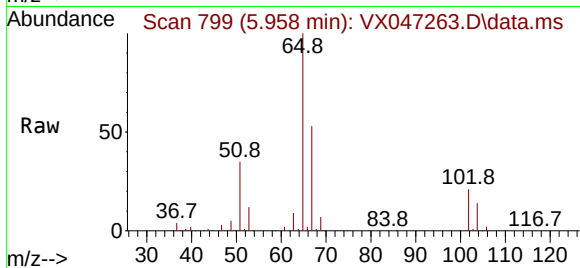
VSTDCCC050

Tgt Ion: 65 Resp: 152665

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

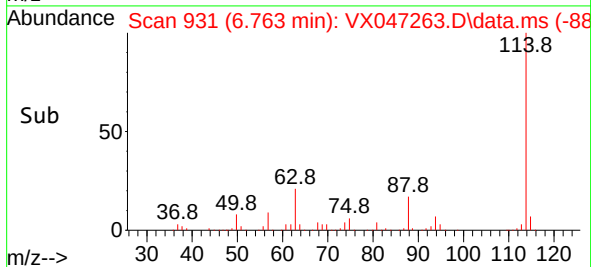
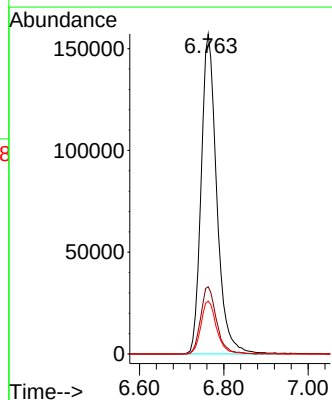
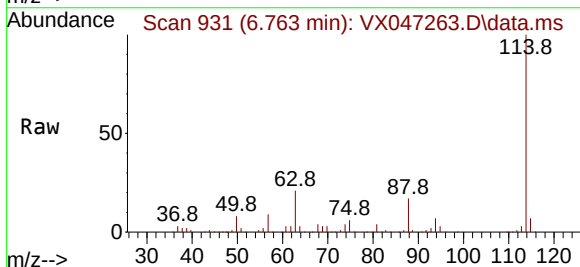
Tgt Ion: 114 Resp: 404873

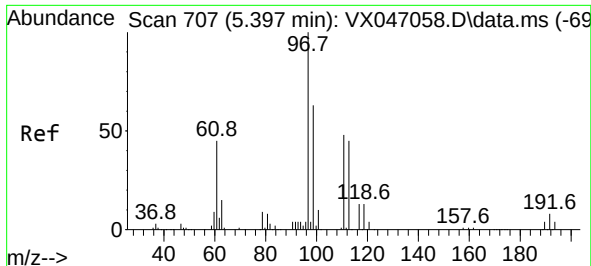
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.289 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

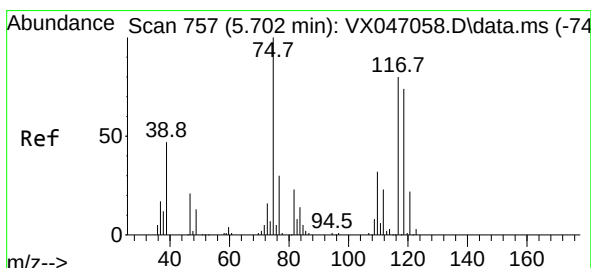
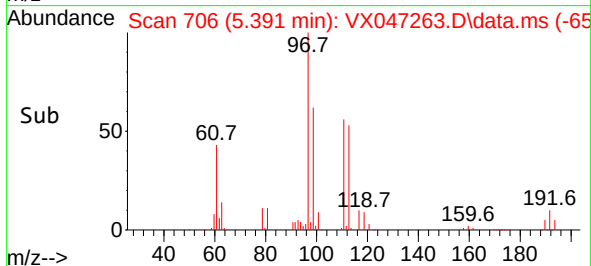
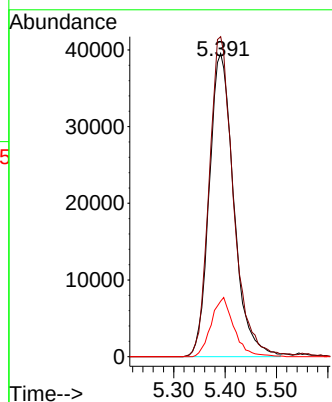
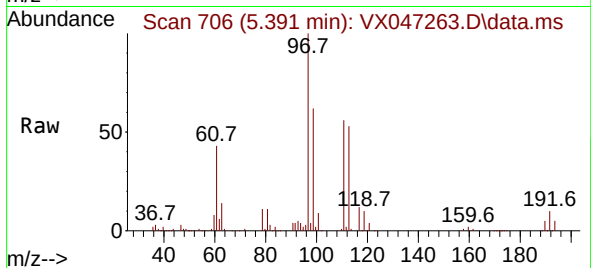
Tgt Ion:113 Resp: 130713

Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 44.257 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

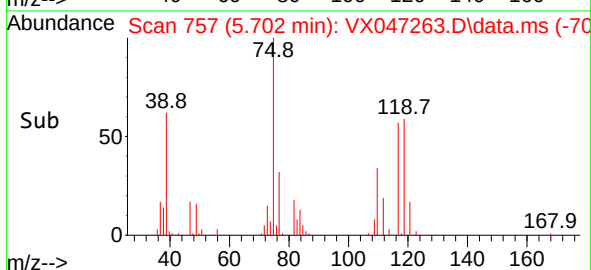
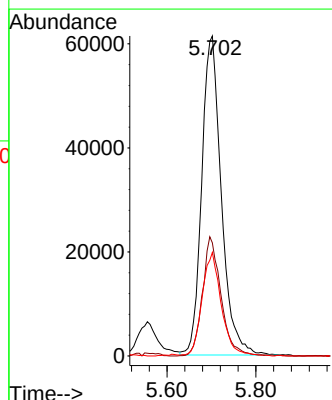
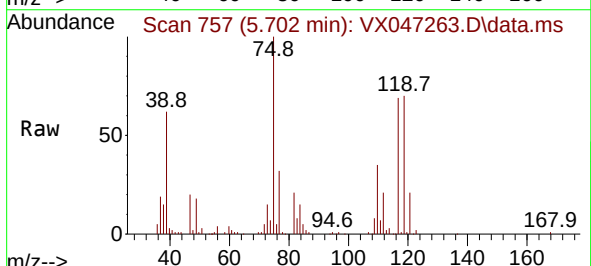
Tgt Ion: 75 Resp: 188588

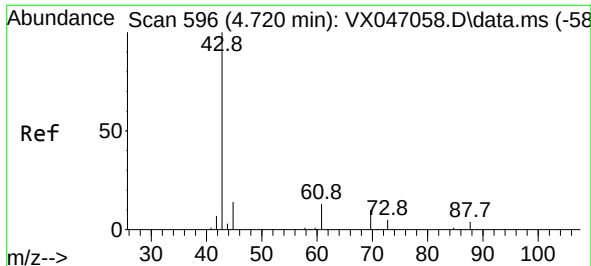
Ion Ratio Lower Upper

75 100

110 35.3 17.2 51.5

77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 51.587 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

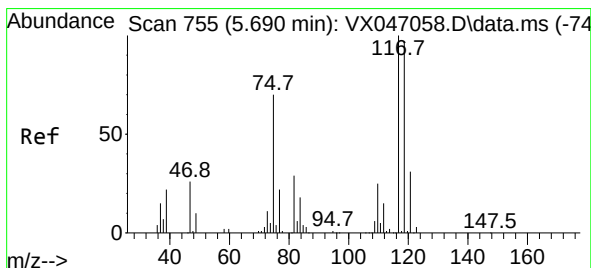
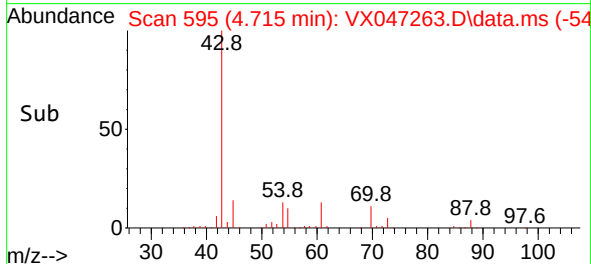
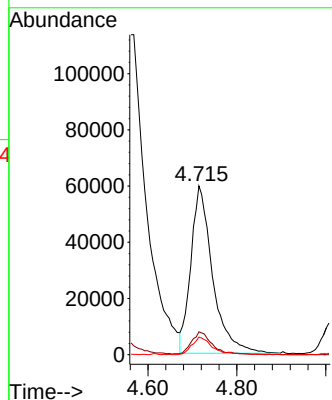
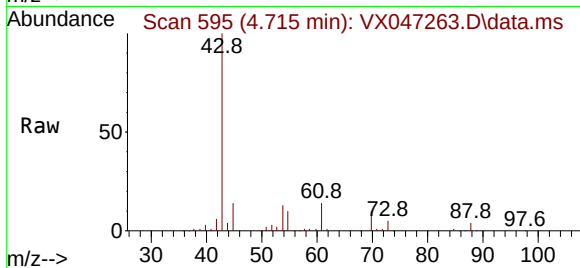
Tgt Ion: 43 Resp: 202555

Ion Ratio Lower Upper

43 100

61 12.5 10.2 15.2

70 9.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 45.487 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

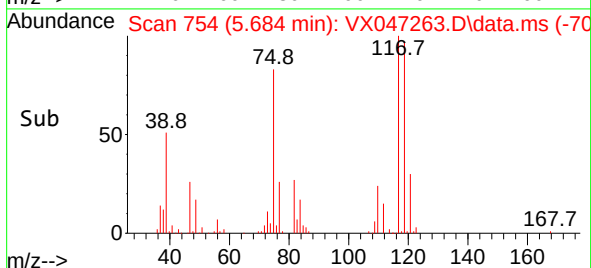
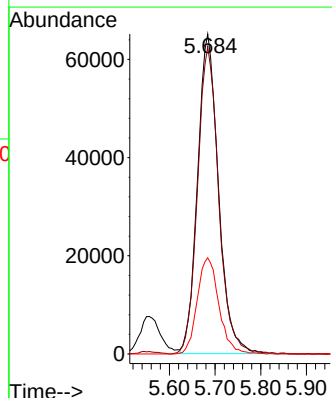
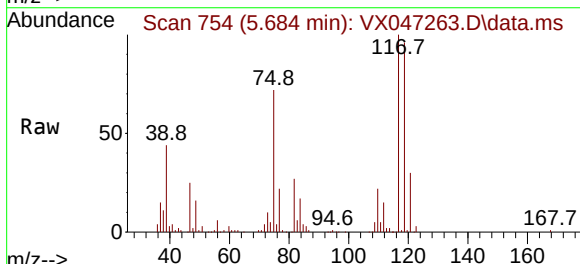
Tgt Ion: 117 Resp: 206875

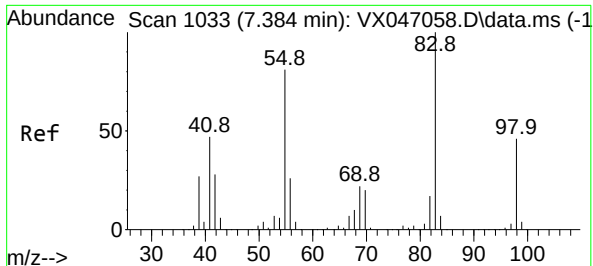
Ion Ratio Lower Upper

117 100

119 95.9 76.6 115.0

121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 44.533 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

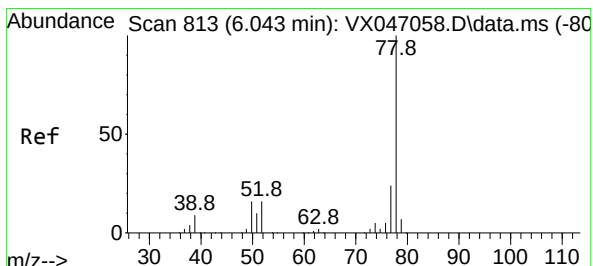
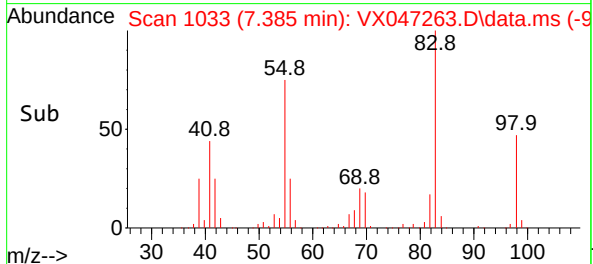
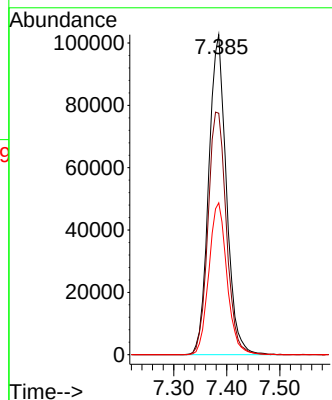
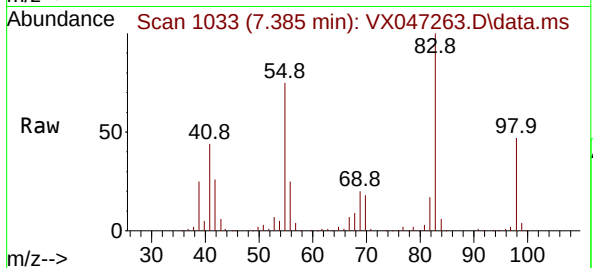
Tgt Ion: 83 Resp: 236926

Ion Ratio Lower Upper

83 100

55 75.4 64.5 96.7

98 47.4 36.9 55.3



#40

Benzene

Concen: 48.635 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047263.D

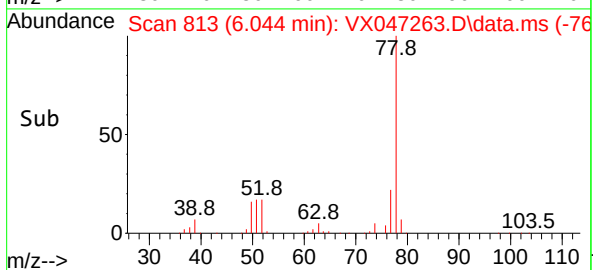
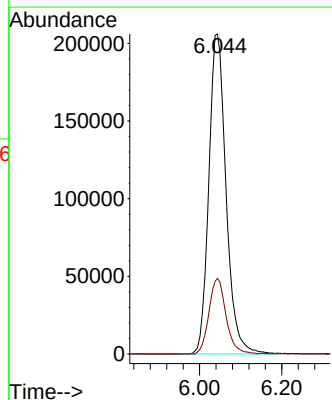
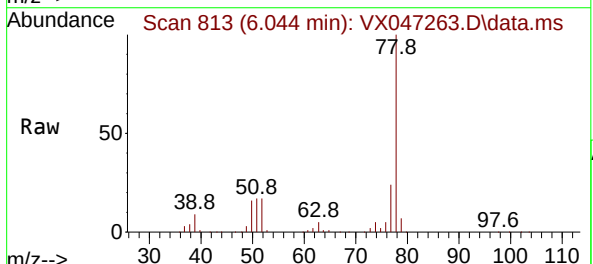
Acq: 08 Aug 2025 11:04

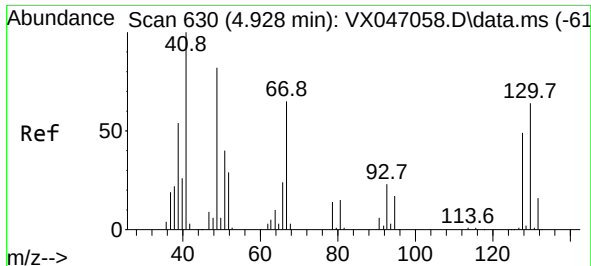
Tgt Ion: 78 Resp: 599757

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

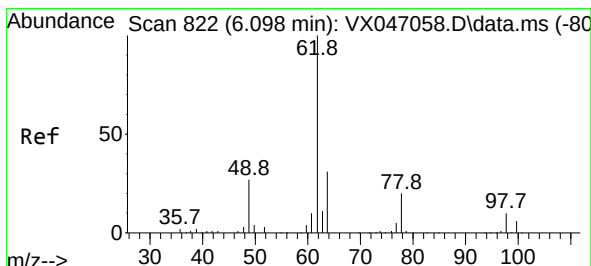
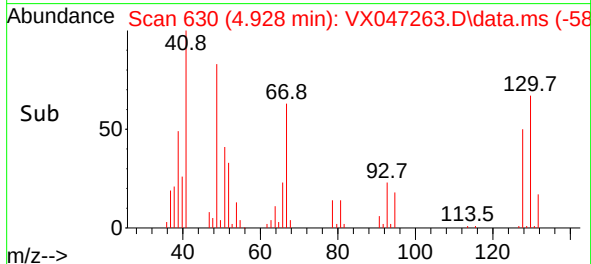
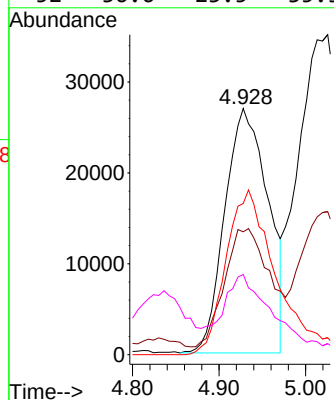
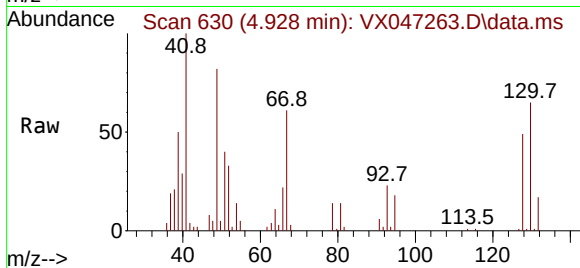




#41
Methacrylonitrile
Concen: 45.575 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

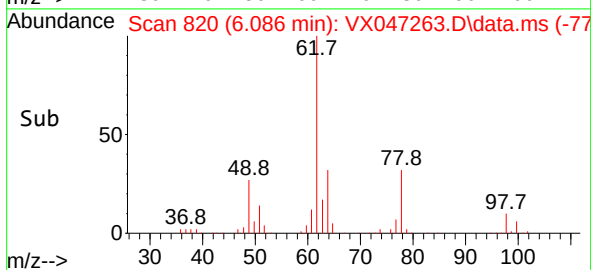
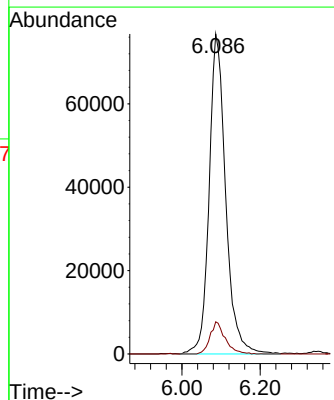
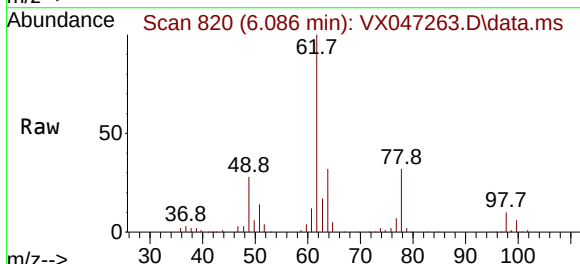
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

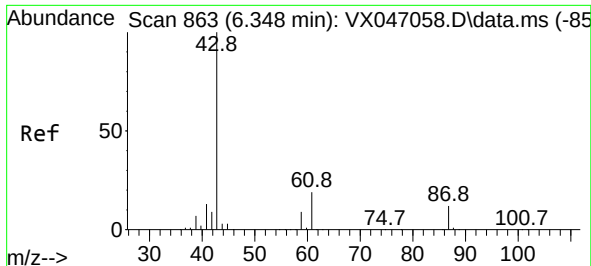
Tgt Ion:	41	Resp:	93566
Ion	Ratio	Lower	Upper
41	100		
39	50.8	44.2	66.2
67	83.1	56.4	84.6
52	36.6	23.5	35.3



#42
1,2-Dichloroethane
Concen: 51.565 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:	62	Resp:	223998
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 53.328 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

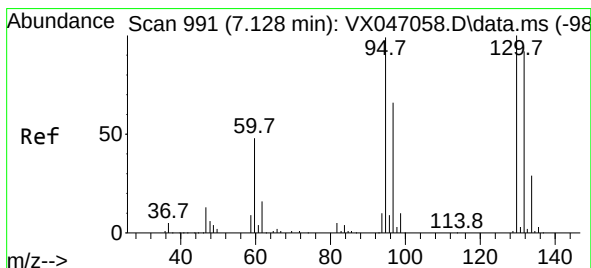
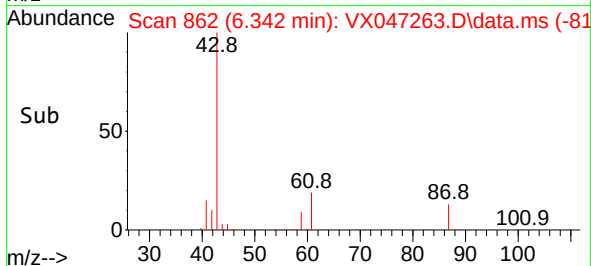
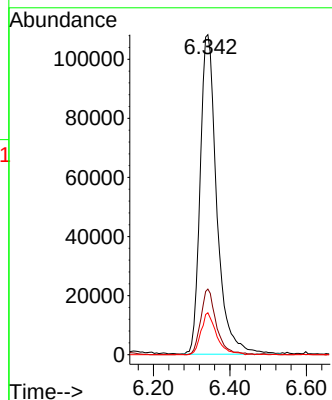
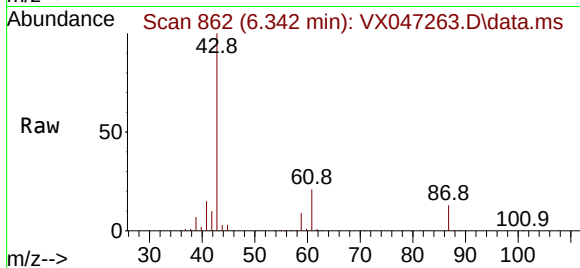
Tgt Ion: 43 Resp: 326436

Ion Ratio Lower Upper

43 100

61 19.3 15.1 22.7

87 12.3 9.7 14.5



#44

Trichloroethene

Concen: 47.480 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX047263.D

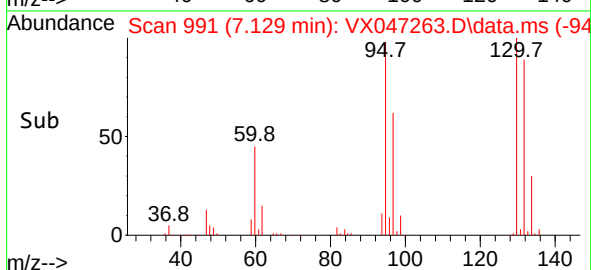
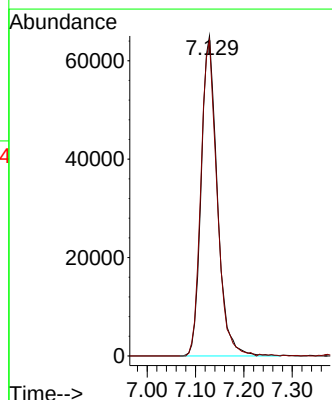
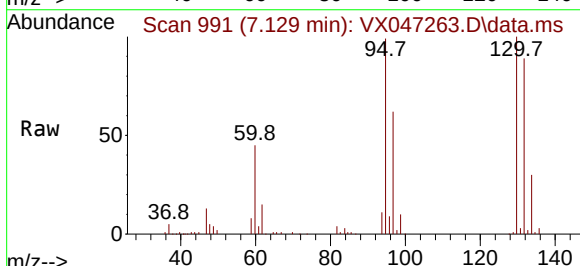
Acq: 08 Aug 2025 11:04

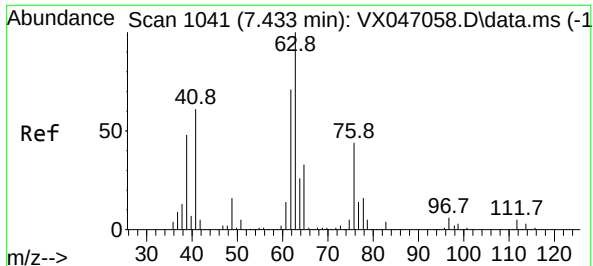
Tgt Ion:130 Resp: 150146

Ion Ratio Lower Upper

130 100

95 98.7 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.621 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

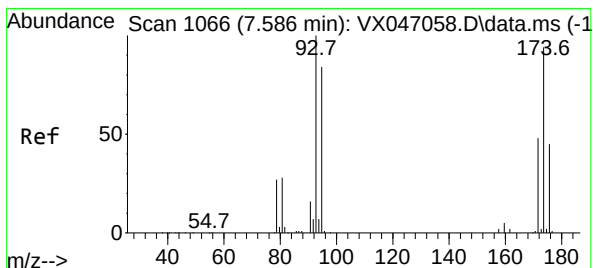
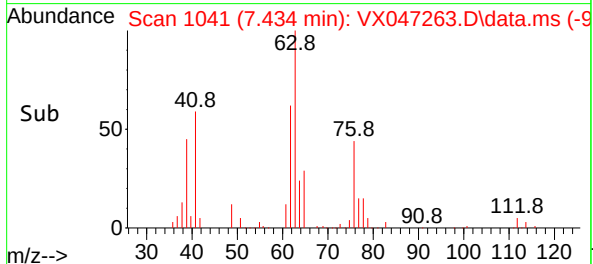
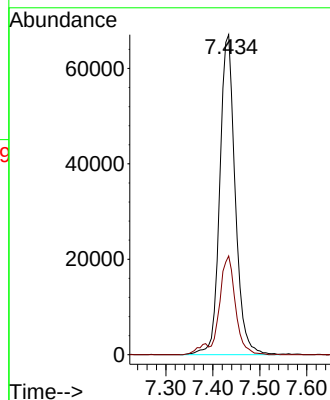
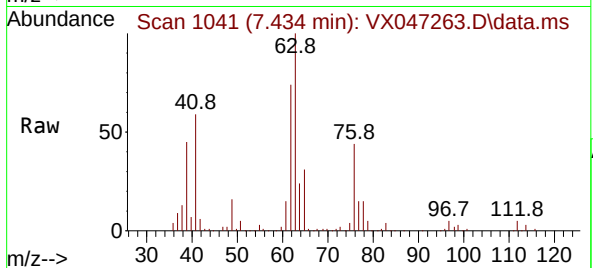
VSTDCCC050

Tgt Ion: 63 Resp: 153258

Ion Ratio Lower Upper

63 100

65 30.9 26.3 39.5



#46

Dibromomethane

Concen: 53.551 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

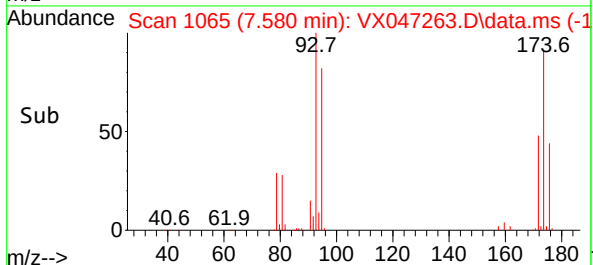
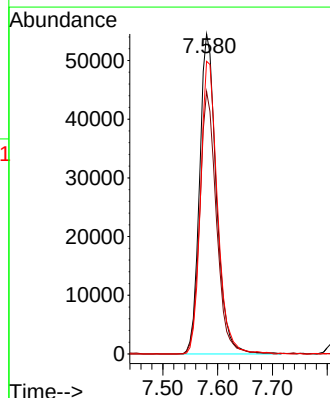
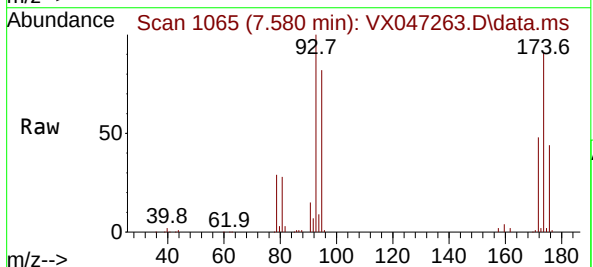
Tgt Ion: 93 Resp: 115987

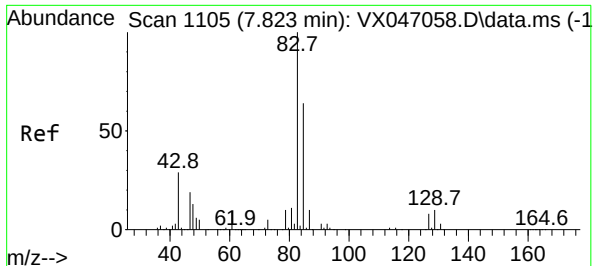
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 91.8 74.6 112.0

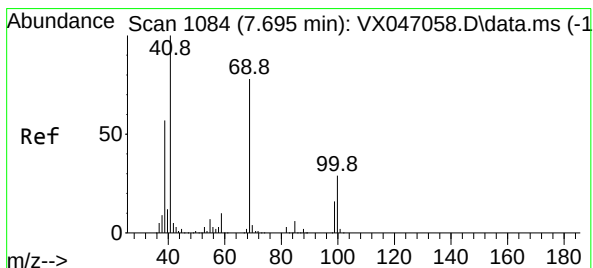
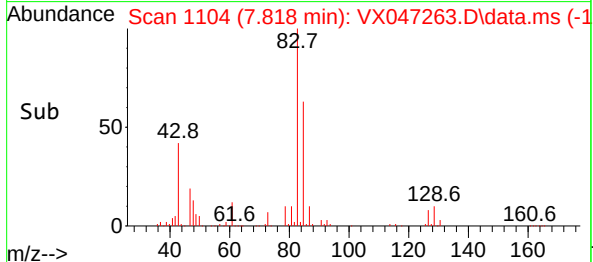
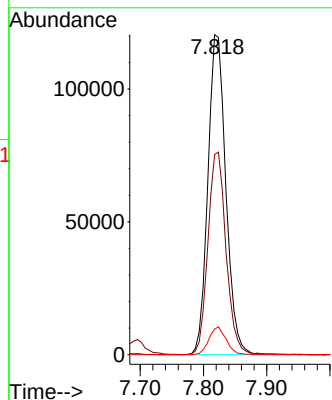
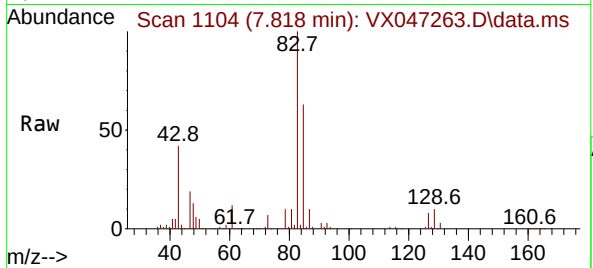




#47
Bromodichloromethane
Concen: 51.701 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

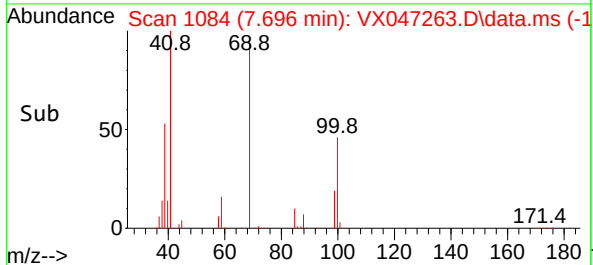
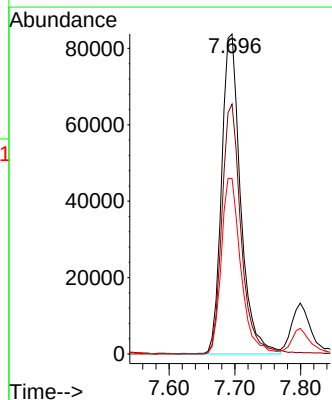
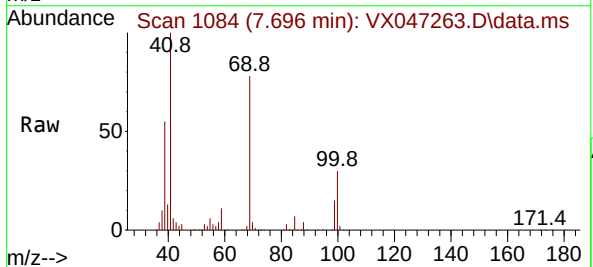
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

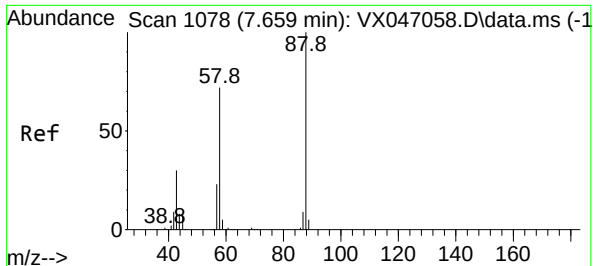
Tgt Ion: 83 Resp: 238350
Ion Ratio Lower Upper
83 100
85 62.5 49.9 74.9
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 50.579 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 41 Resp: 168665
Ion Ratio Lower Upper
41 100
69 79.0 62.3 93.5
39 55.9 44.8 67.2





#49

1,4-Dioxane

Concen: 971.121 ug/l

RT: 7.732 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

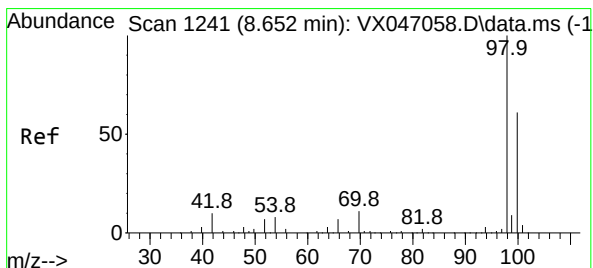
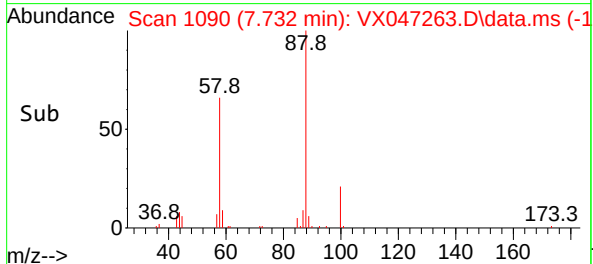
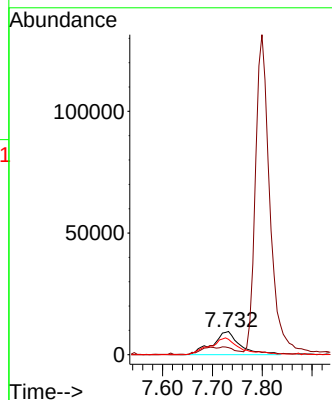
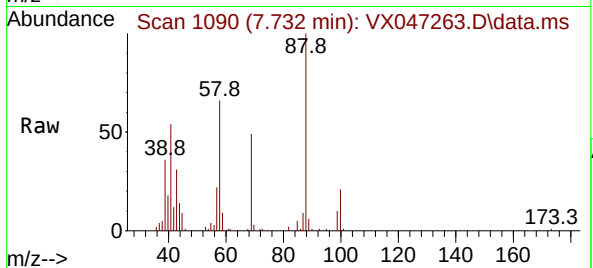
Tgt Ion: 88 Resp: 36832

Ion Ratio Lower Upper

88 100

43 0.0 33.6 50.4#

58 72.1 58.8 88.2



#50

Toluene-d8

Concen: 45.110 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047263.D

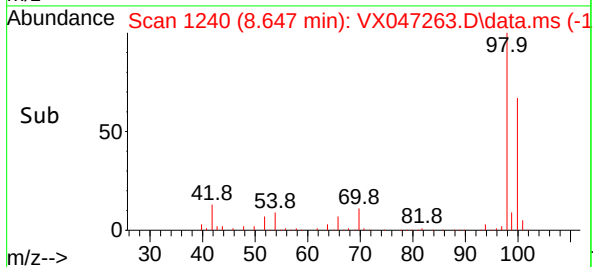
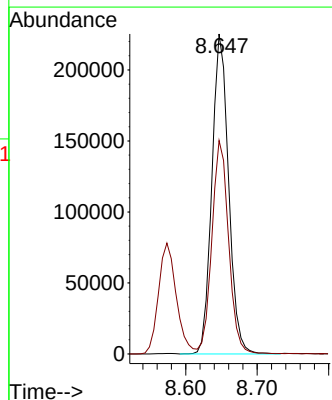
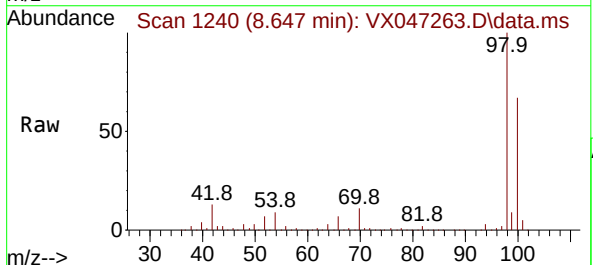
Acq: 08 Aug 2025 11:04

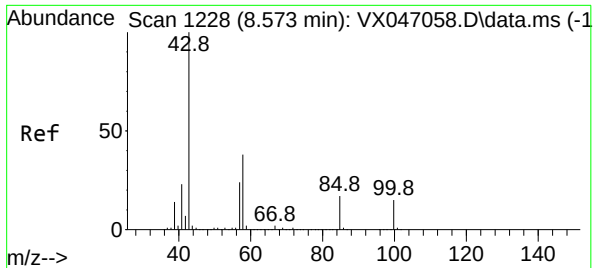
Tgt Ion: 98 Resp: 365195

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9

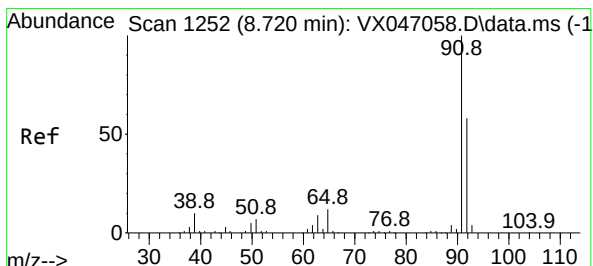
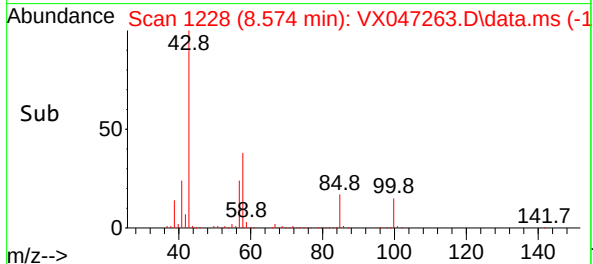
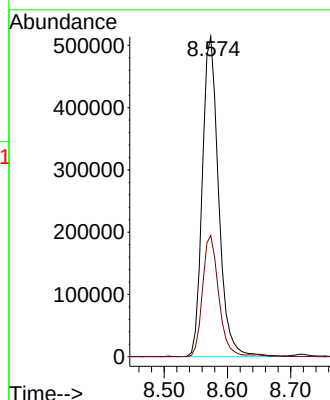
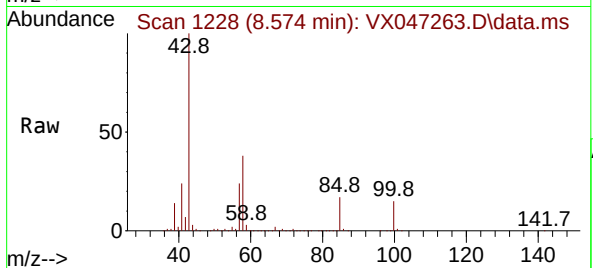




#51
4-Methyl-2-Pentanone
Concen: 252.947 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

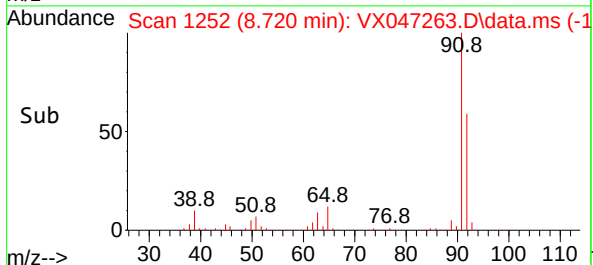
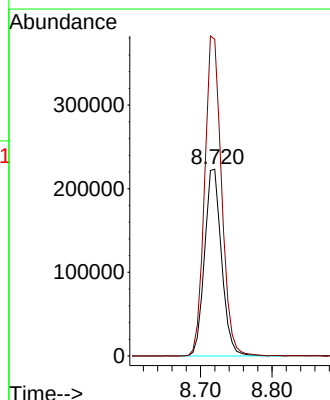
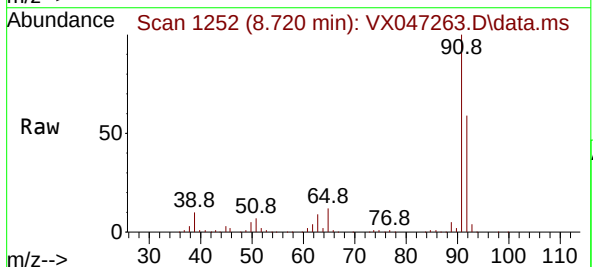
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

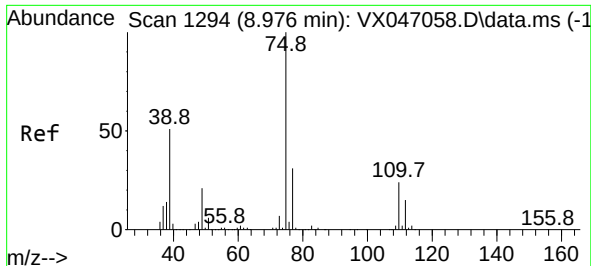
Tgt Ion: 43 Resp: 920319
Ion Ratio Lower Upper
43 100
58 37.5 30.6 45.8



#52
Toluene
Concen: 48.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 92 Resp: 368712
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 51.860 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

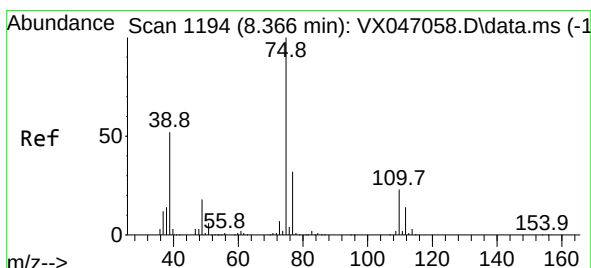
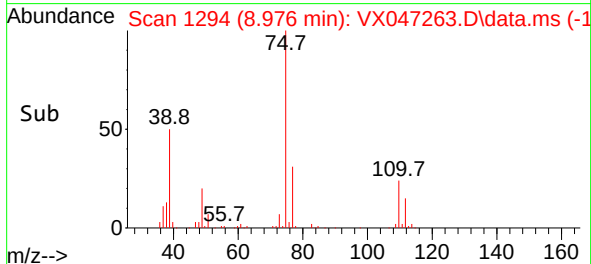
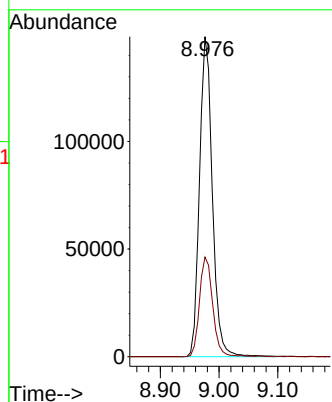
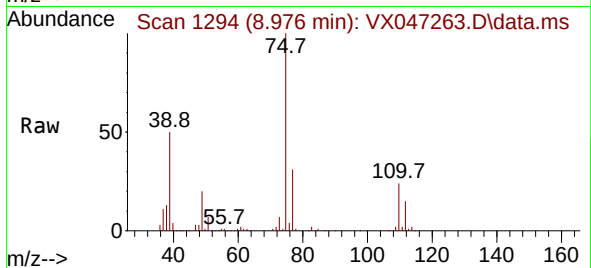
VSTDCCC050

Tgt Ion: 75 Resp: 225767

Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 51.683 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

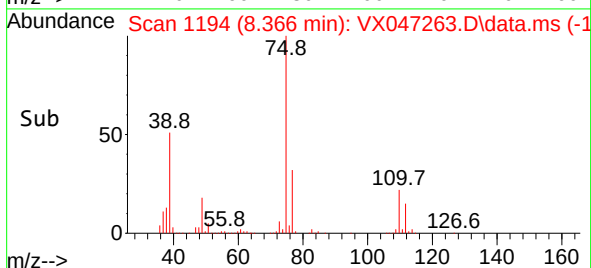
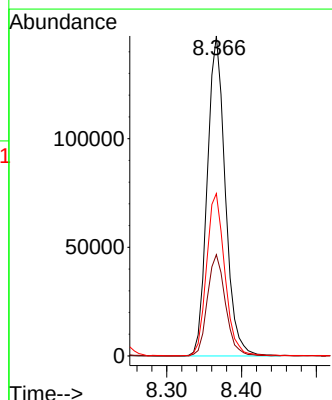
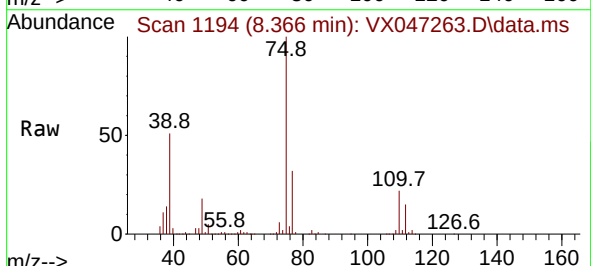
Tgt Ion: 75 Resp: 246252

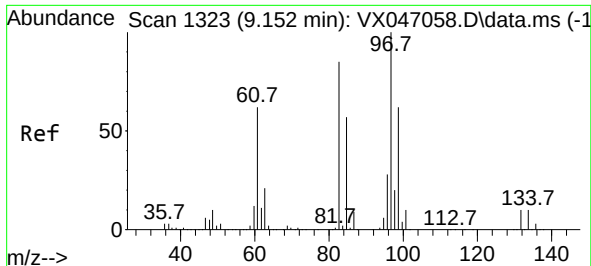
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 50.7 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 51.745 ug/l

RT: 9.147 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 147145

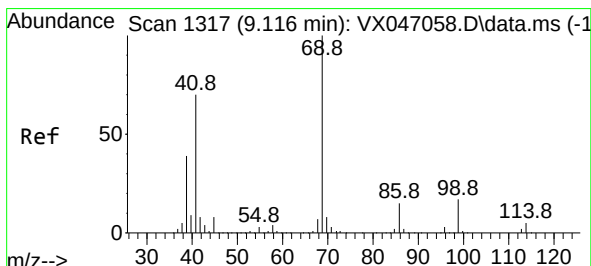
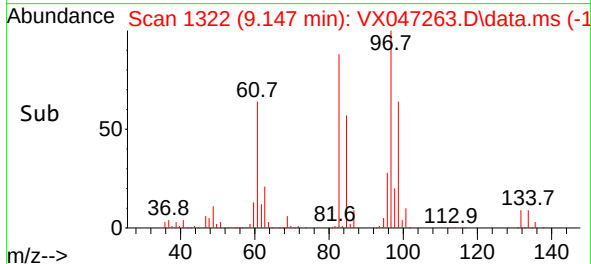
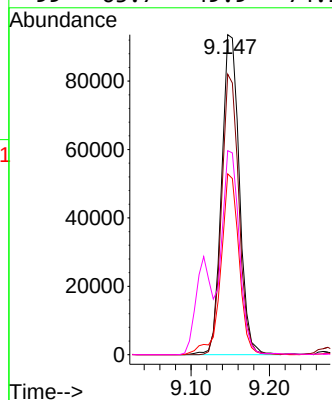
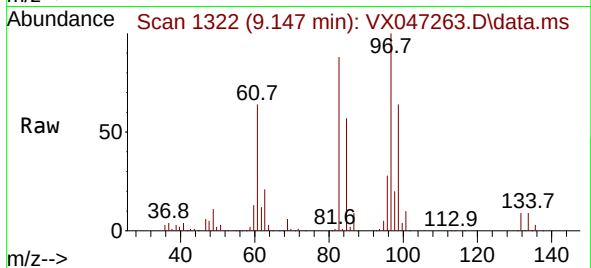
Ion Ratio Lower Upper

97 100

83 89.1 68.0 102.0

85 56.5 45.2 67.8

99 63.7 49.9 74.9



#56

Ethyl methacrylate

Concen: 54.054 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

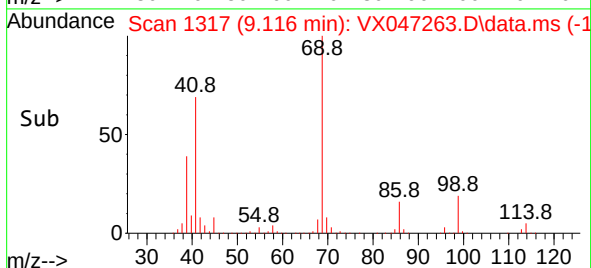
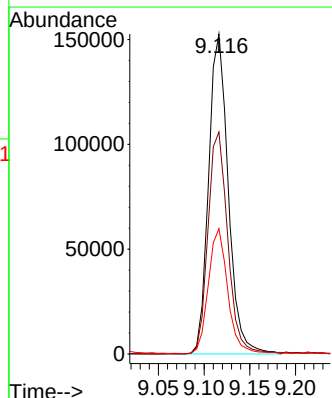
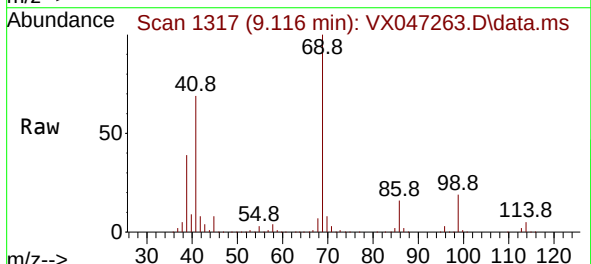
Tgt Ion: 69 Resp: 227558

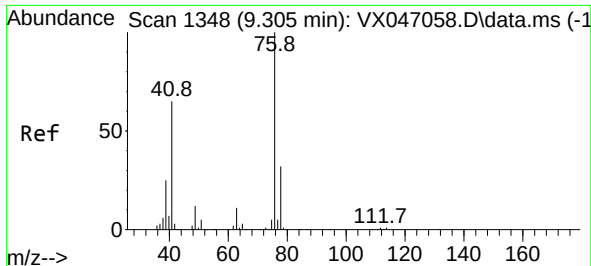
Ion Ratio Lower Upper

69 100

41 70.0 56.1 84.1

39 39.1 31.1 46.7





#57

1,3-Dichloropropane

Concen: 51.537 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

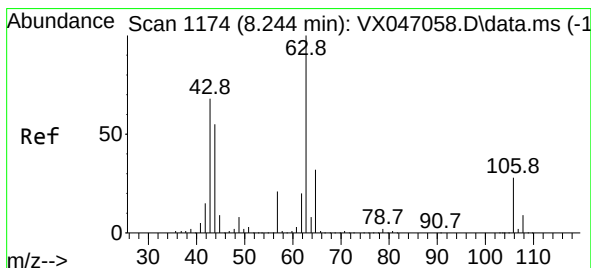
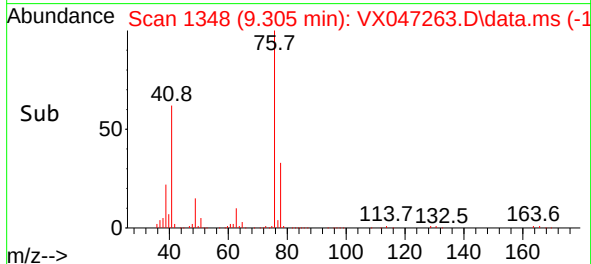
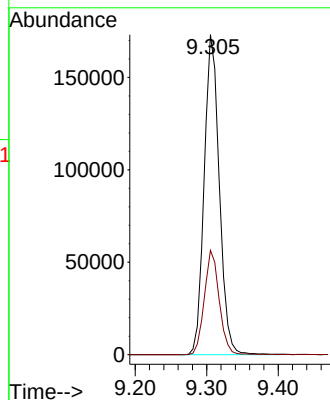
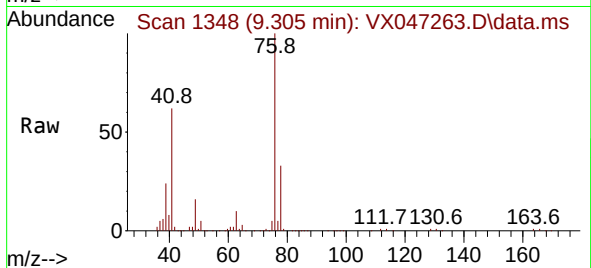
VSTDCCC050

Tgt Ion: 76 Resp: 254703

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 247.148 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047263.D

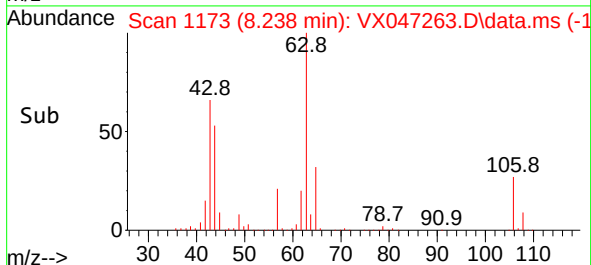
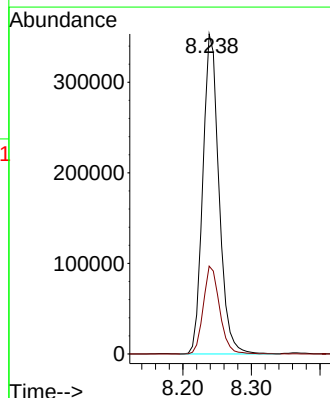
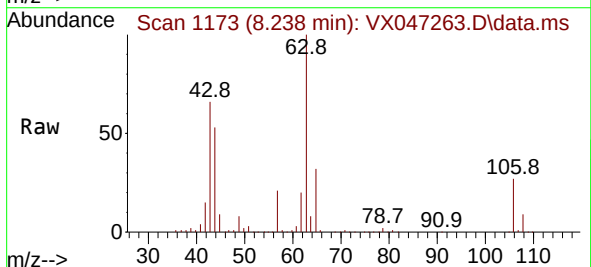
Acq: 08 Aug 2025 11:04

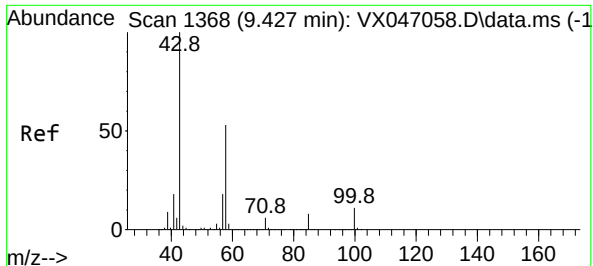
Tgt Ion: 63 Resp: 578974

Ion Ratio Lower Upper

63 100

106 27.8 22.2 33.4





#59

2-Hexanone

Concen: 256.730 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

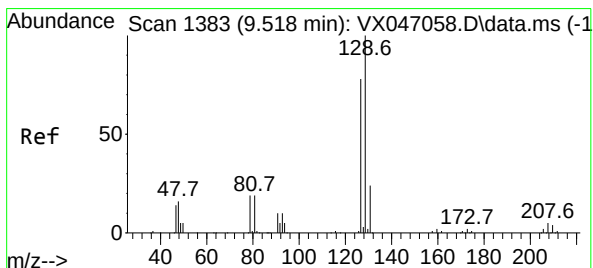
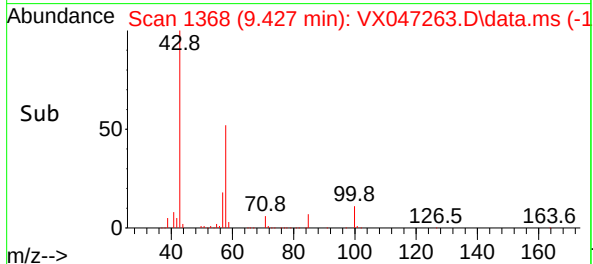
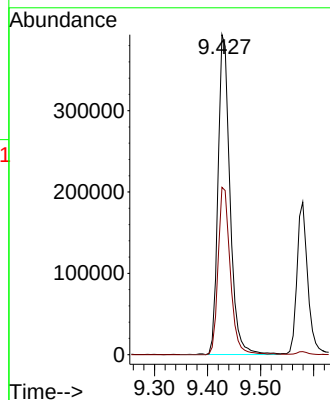
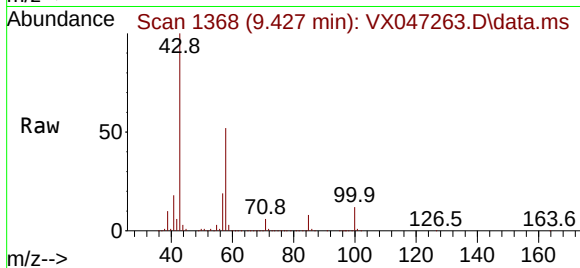
VSTDCCC050

Tgt Ion: 43 Resp: 617131

Ion Ratio Lower Upper

43 100

58 53.4 26.5 79.5



#60

Dibromochloromethane

Concen: 53.388 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047263.D

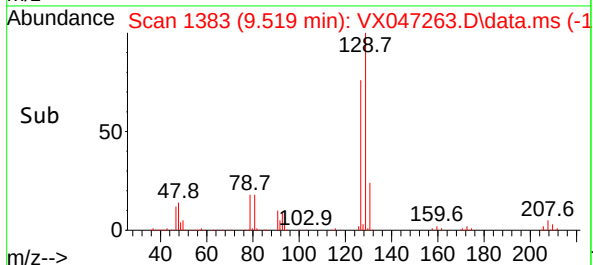
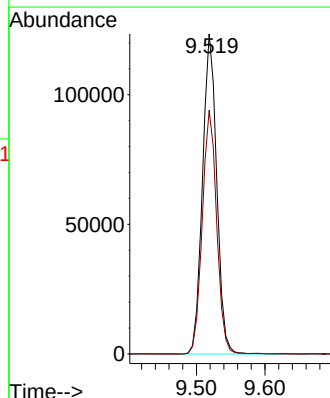
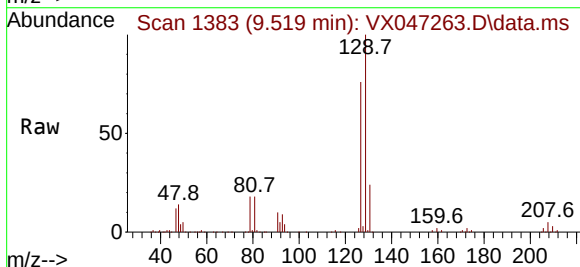
Acq: 08 Aug 2025 11:04

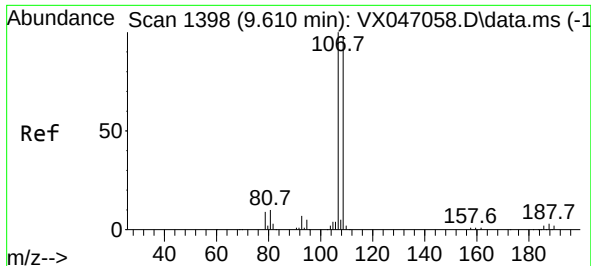
Tgt Ion: 129 Resp: 178055

Ion Ratio Lower Upper

129 100

127 77.0 38.6 115.8

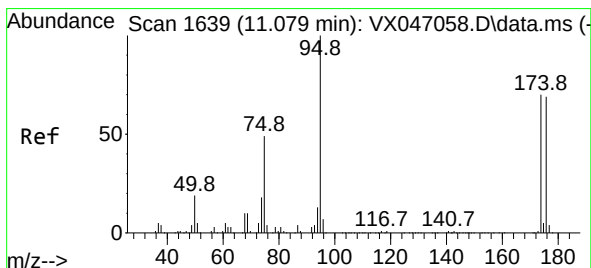
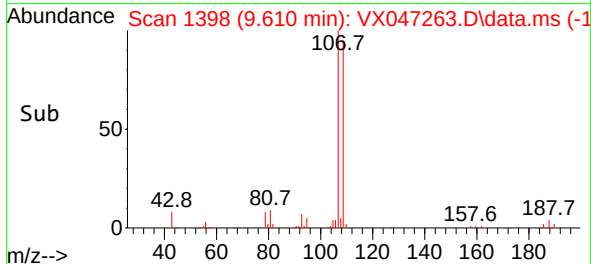
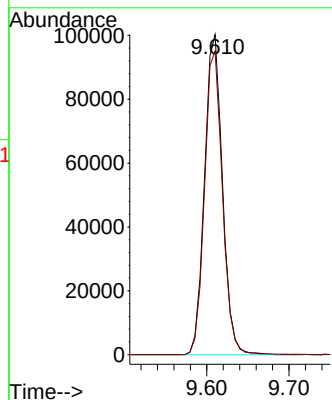
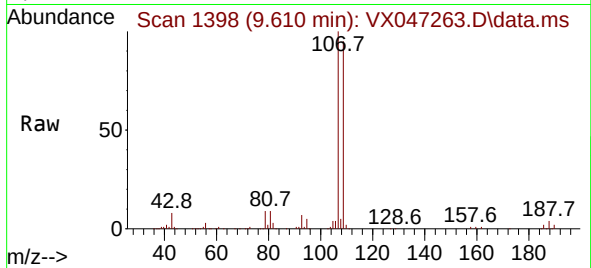




#61
1,2-Dibromoethane
Concen: 50.930 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

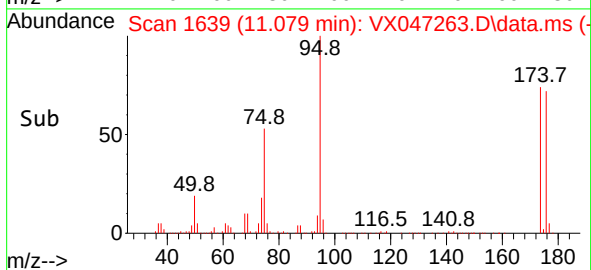
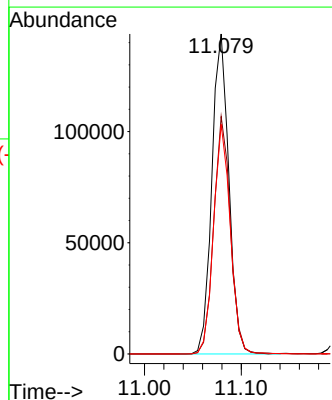
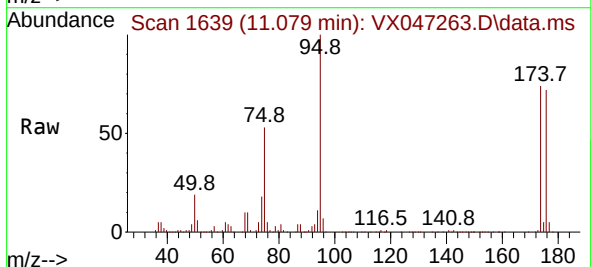
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

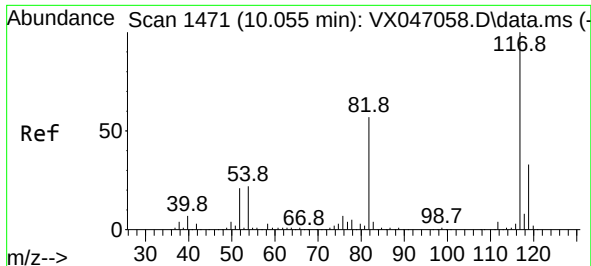
Tgt Ion:107 Resp: 151437
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 95 Resp: 175814
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.9 0.0 139.6

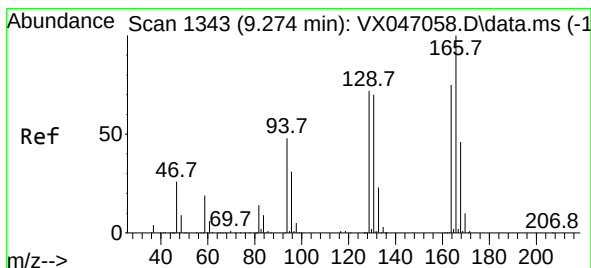
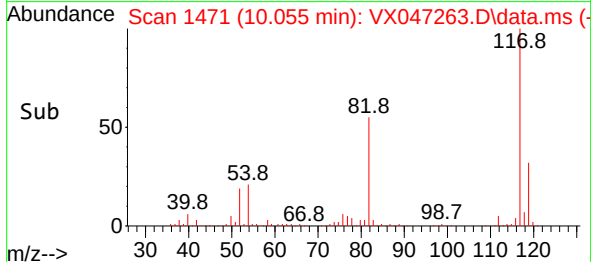
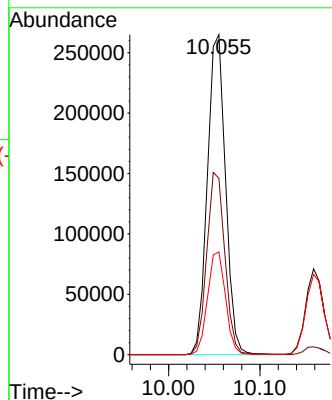
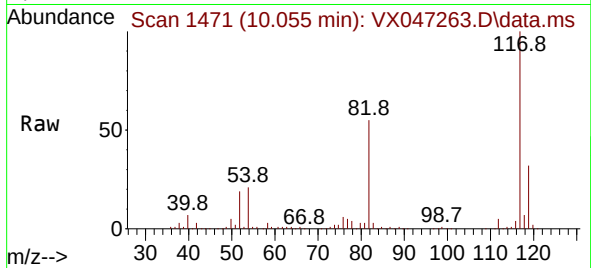




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

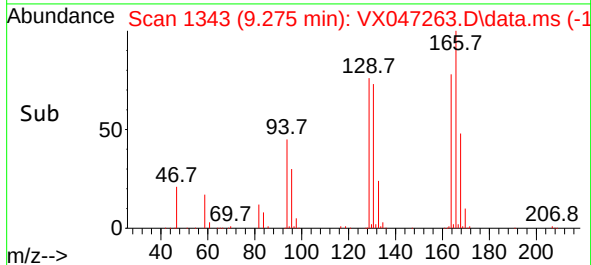
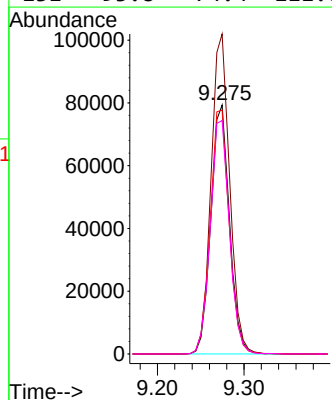
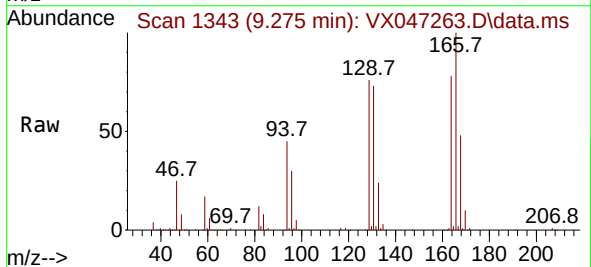
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

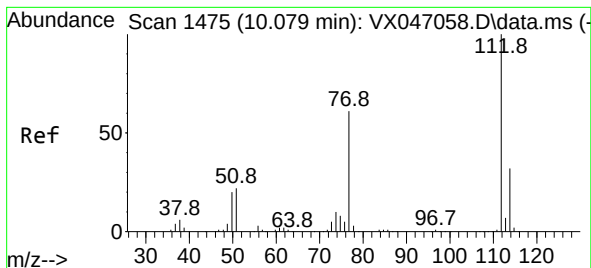
Tgt Ion:117 Resp: 364546
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 45.025 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:164 Resp: 118324
Ion Ratio Lower Upper
164 100
166 128.6 106.2 159.4
129 98.0 76.6 114.8
131 93.8 74.4 111.6

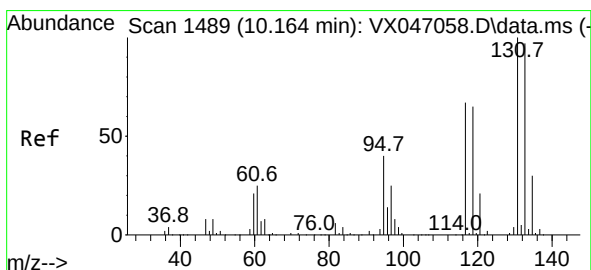
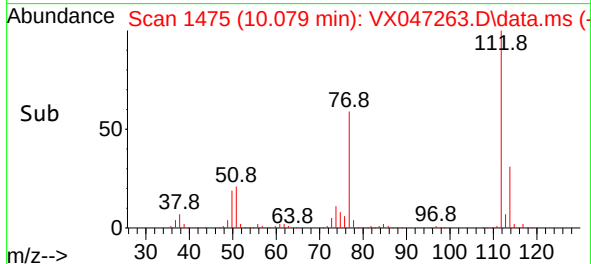
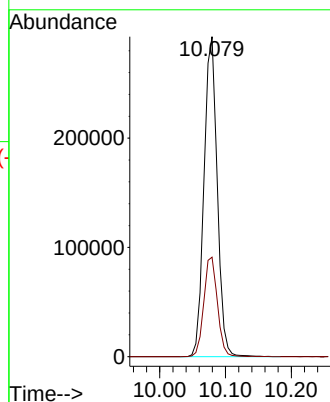
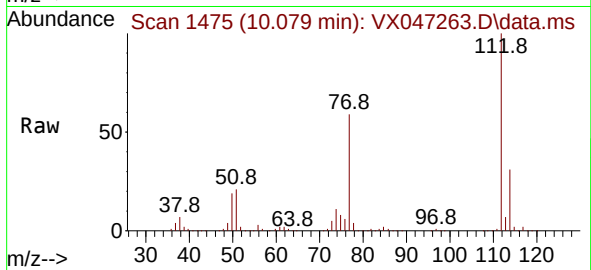




#65
Chlorobenzene
Concen: 47.963 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

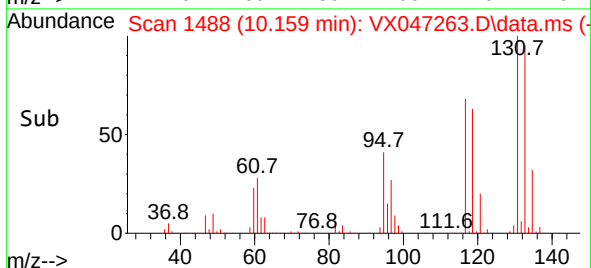
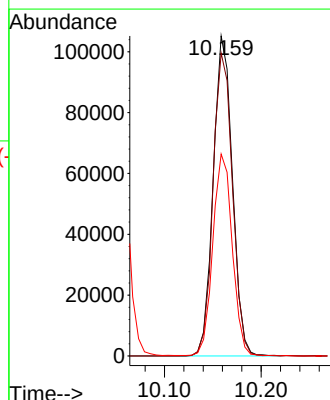
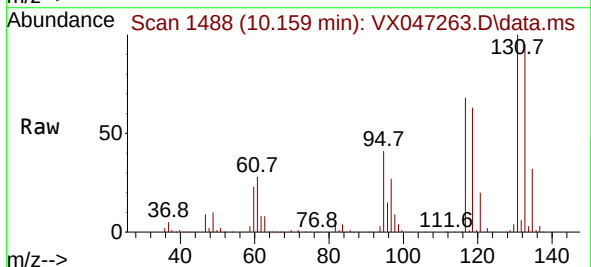
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

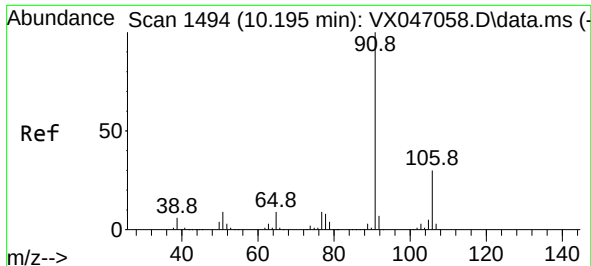
Tgt Ion:112 Resp: 409612
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:131 Resp: 144886
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.3
119 63.7 32.4 97.0





#67

Ethyl Benzene

Concen: 47.356 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

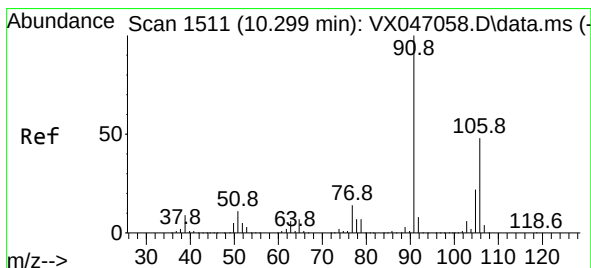
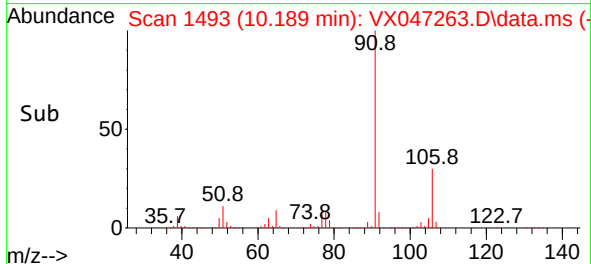
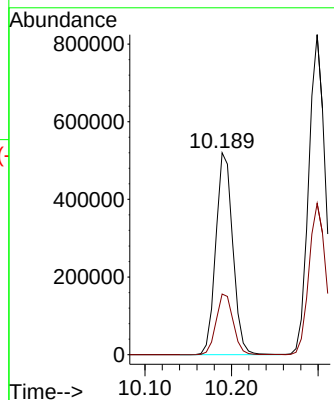
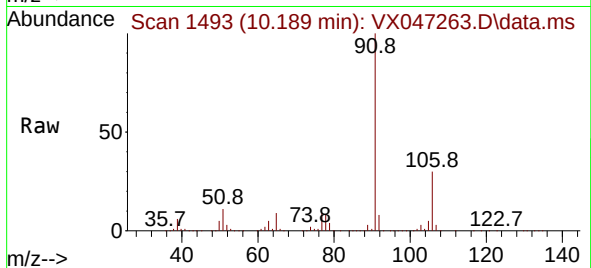
VSTDCCC050

Tgt Ion: 91 Resp: 707124

Ion Ratio Lower Upper

91 100

106 30.1 24.2 36.4



#68

m/p-Xylenes

Concen: 94.281 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047263.D

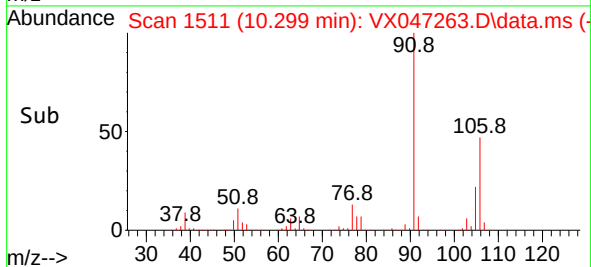
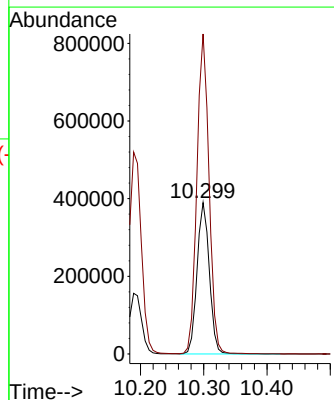
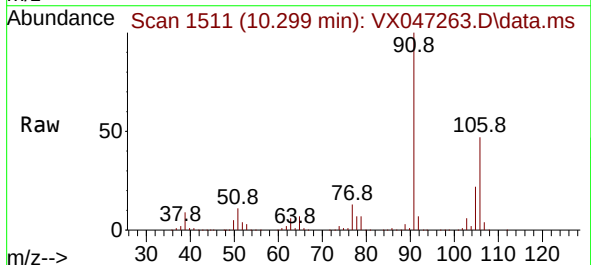
Acq: 08 Aug 2025 11:04

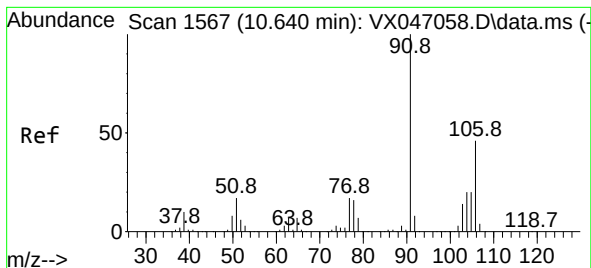
Tgt Ion:106 Resp: 526829

Ion Ratio Lower Upper

106 100

91 209.1 167.4 251.0





#69

o-Xylene

Concen: 48.337 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

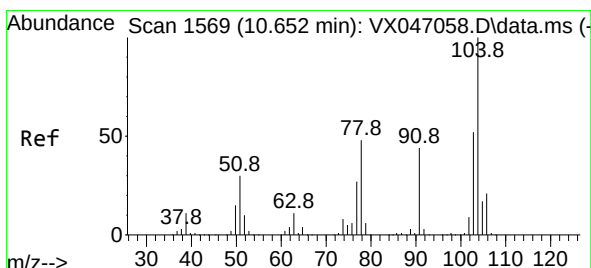
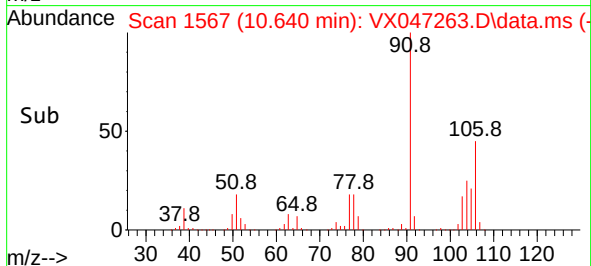
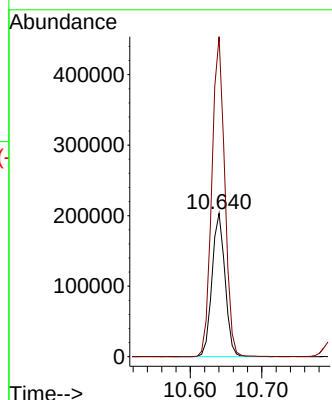
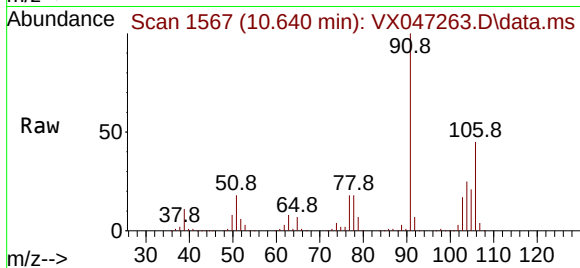
VSTDCCC050

Tgt Ion:106 Resp: 256952

Ion Ratio Lower Upper

106 100

91 221.8 110.3 331.0



#70

Styrene

Concen: 49.975 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

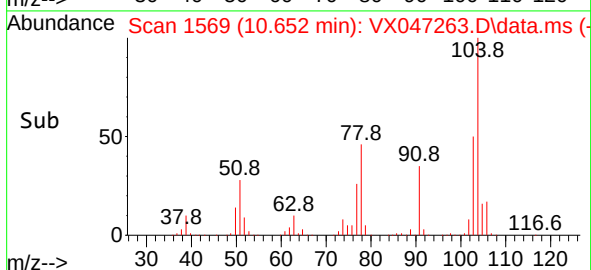
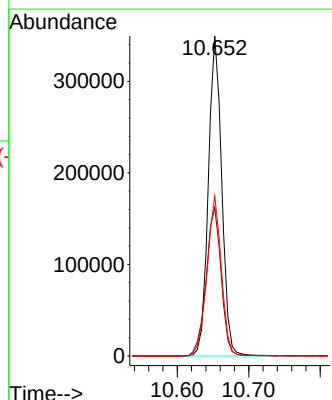
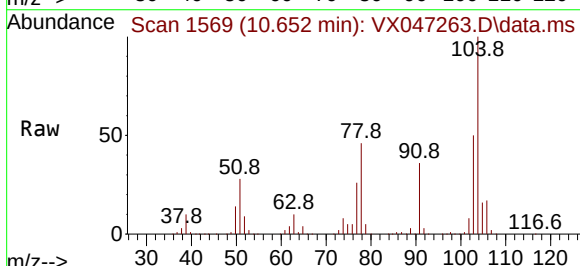
Tgt Ion:104 Resp: 455538

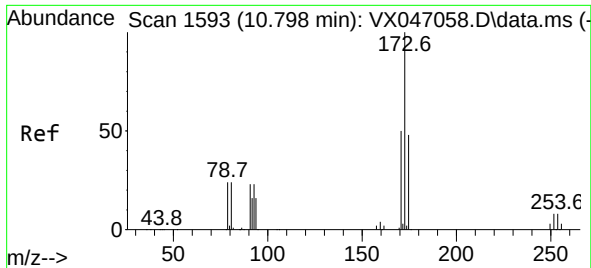
Ion Ratio Lower Upper

104 100

78 52.3 42.0 63.0

103 53.7 43.8 65.6

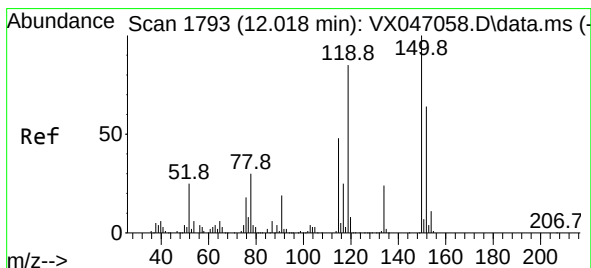
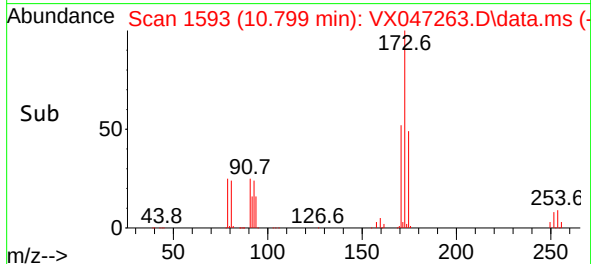
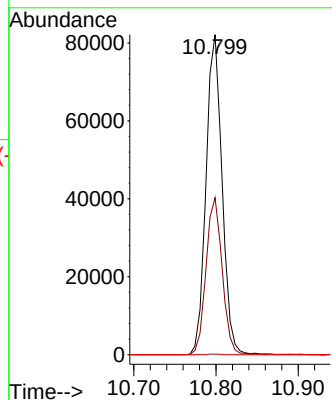
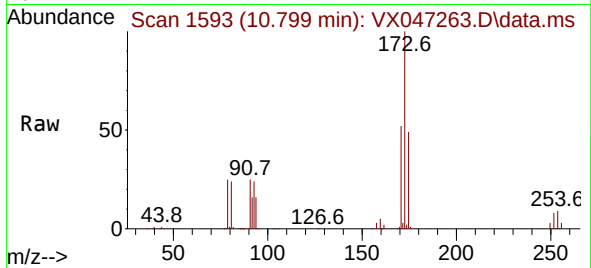




#71
Bromoform
Concen: 50.992 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

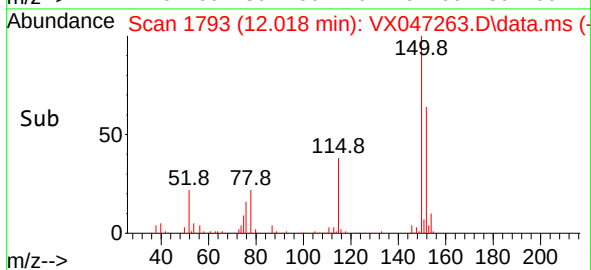
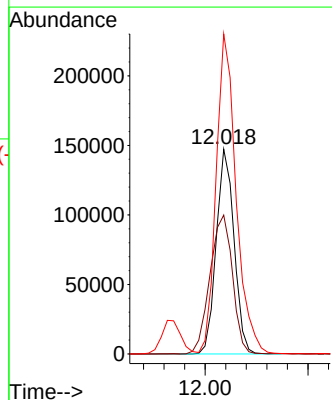
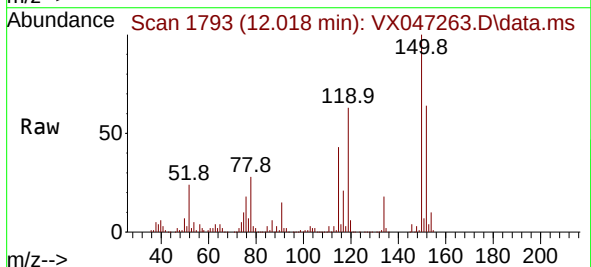
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

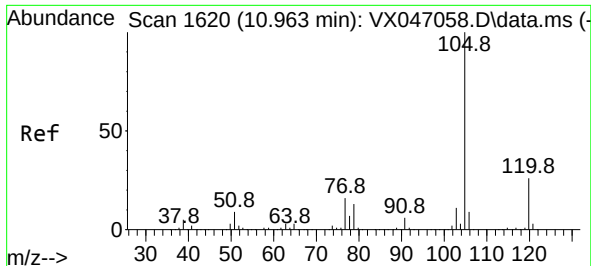
Tgt Ion:173 Resp: 111372
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:152 Resp: 177002
Ion Ratio Lower Upper
152 100
115 85.8 45.6 136.7
150 175.2 0.0 354.6

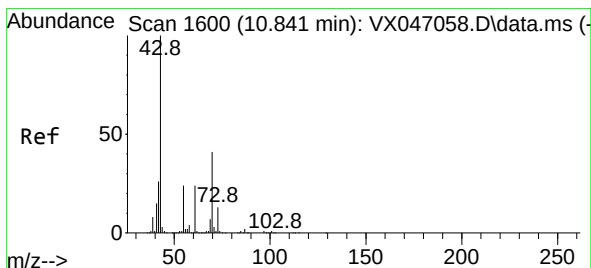
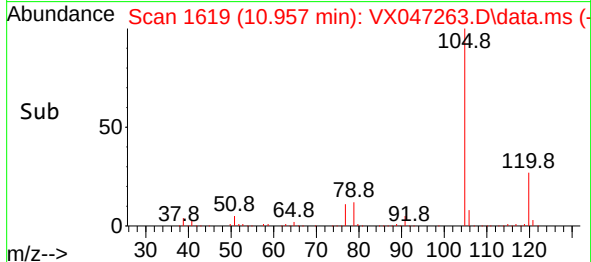
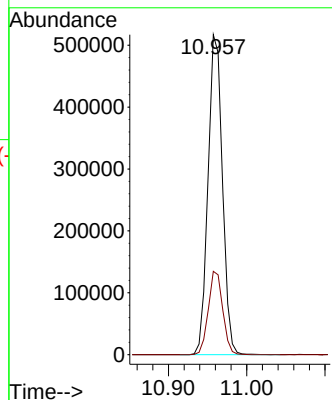
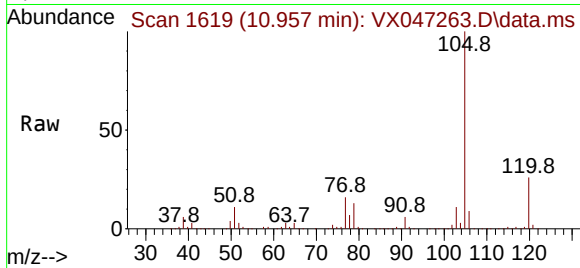




#73
Isopropylbenzene
Concen: 47.143 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

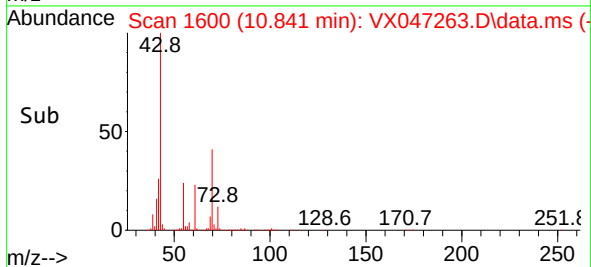
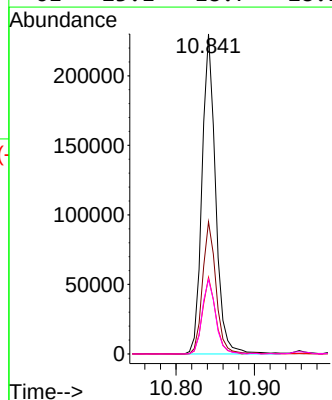
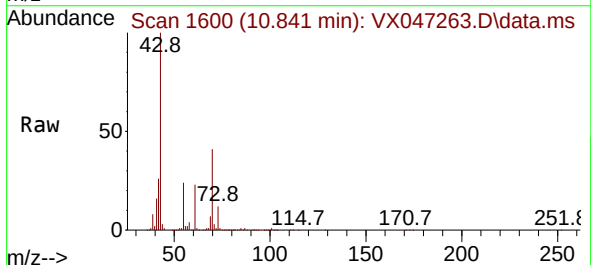
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

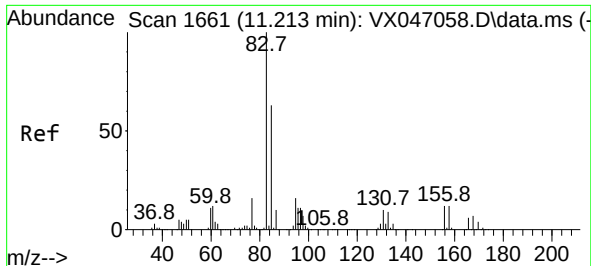
Tgt Ion:105 Resp: 658316
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 49.185 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 43 Resp: 277128
Ion Ratio Lower Upper
43 100
70 41.0 32.3 48.5
55 23.3 18.9 28.3
61 23.1 18.7 28.1

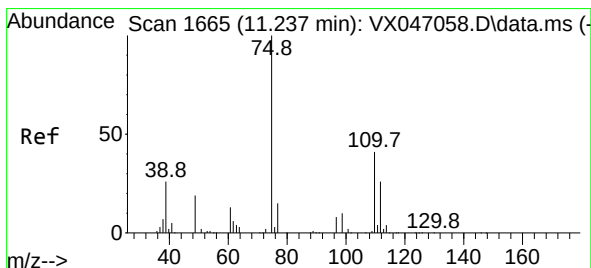
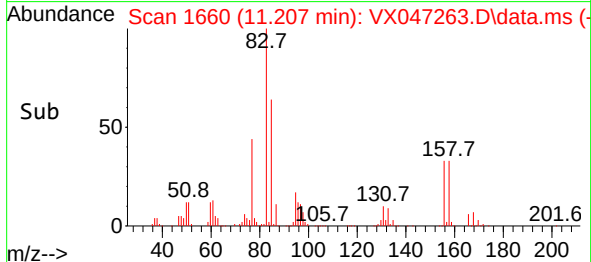
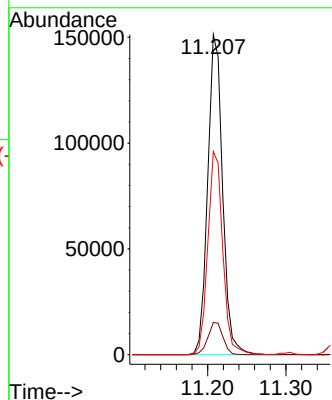
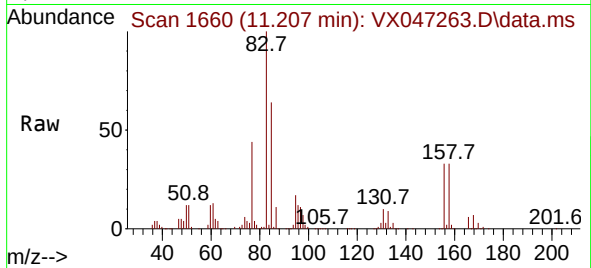




#75
1,1,2,2-Tetrachloroethane
Concen: 49.900 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

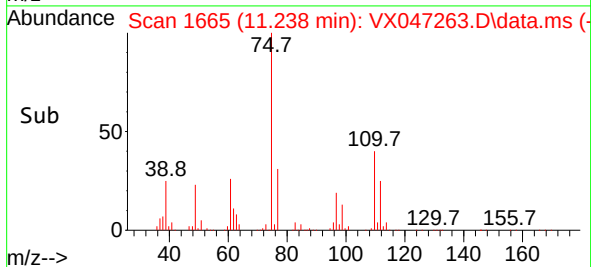
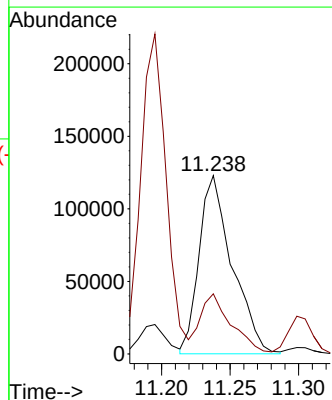
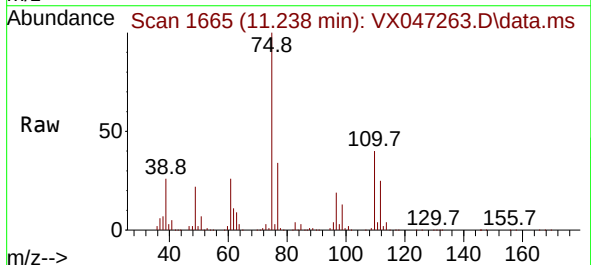
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

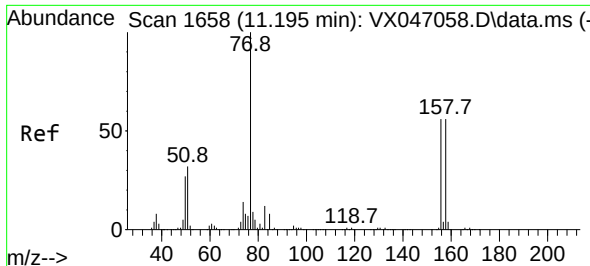
Tgt Ion: 83 Resp: 199045
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 63.149 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 75 Resp: 206890
Ion Ratio Lower Upper
75 100
77 31.7 21.6 65.0

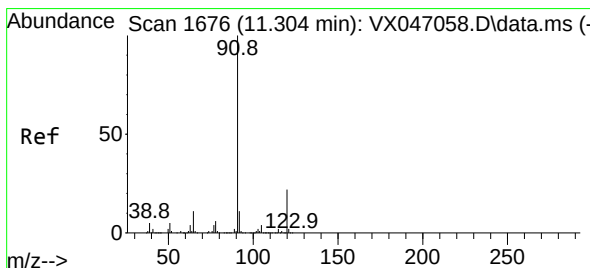
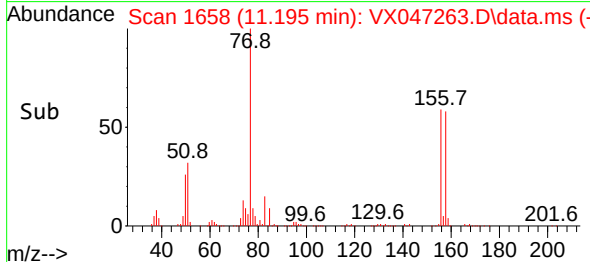
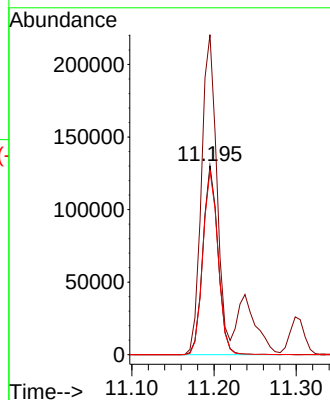
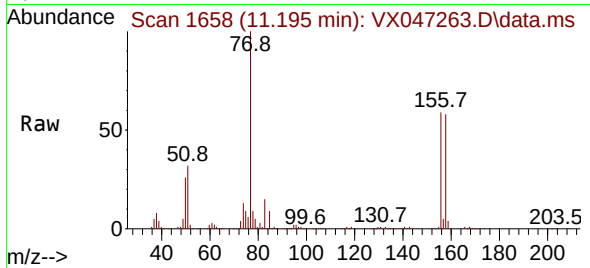




#77
Bromobenzene
Concen: 49.444 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

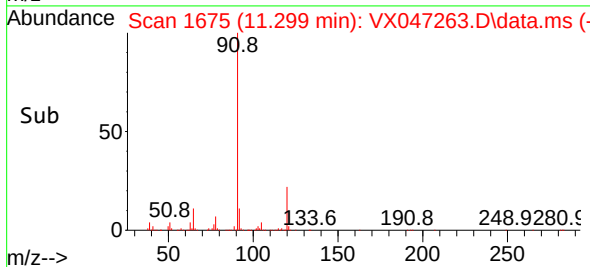
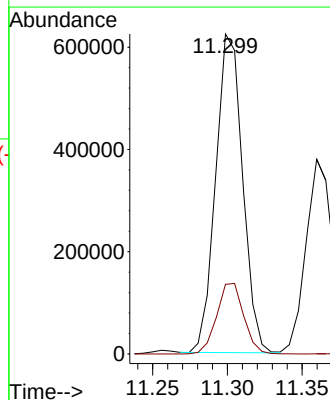
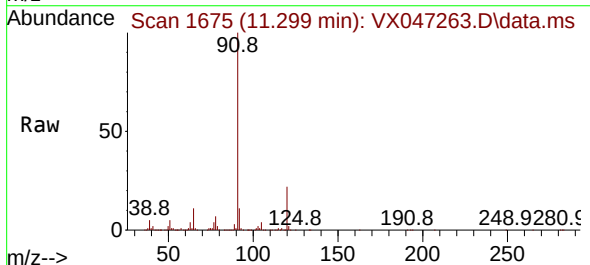
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

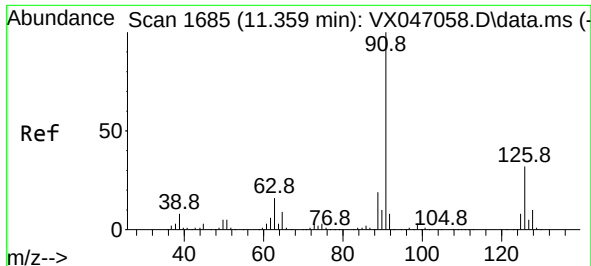
Tgt Ion:156 Resp: 165609
Ion Ratio Lower Upper
156 100
77 172.7 87.3 261.9
158 98.0 48.9 146.6



#78
n-propylbenzene
Concen: 46.768 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 91 Resp: 780436
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.530 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

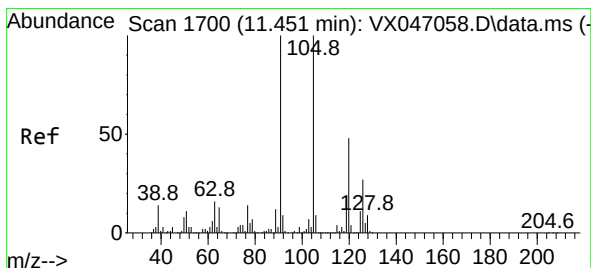
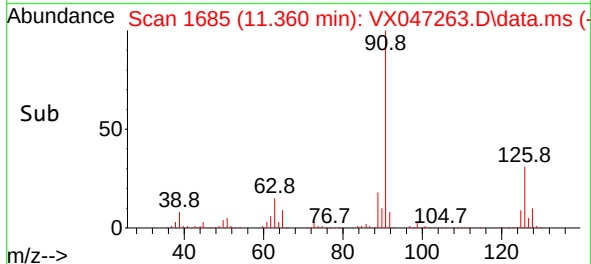
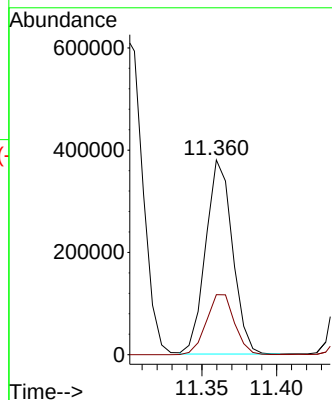
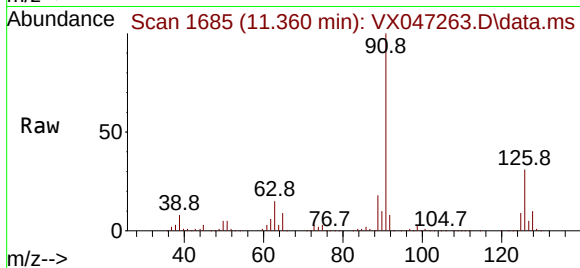
VSTDCCC050

Tgt Ion: 91 Resp: 474112

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 47.267 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047263.D

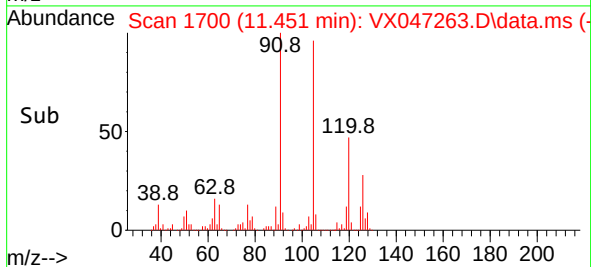
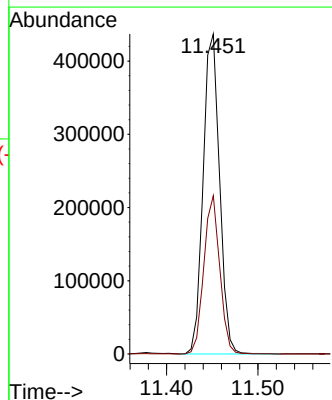
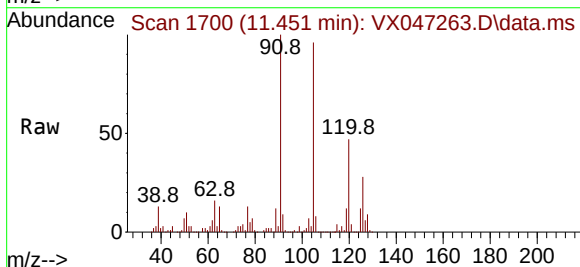
Acq: 08 Aug 2025 11:04

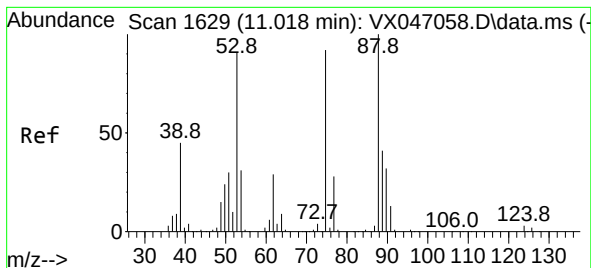
Tgt Ion: 105 Resp: 545300

Ion Ratio Lower Upper

105 100

120 47.8 23.8 71.5

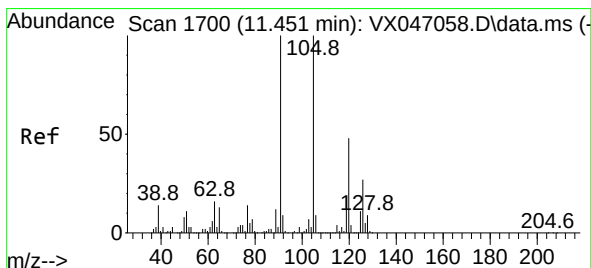
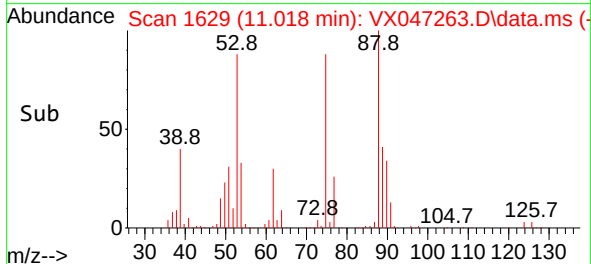
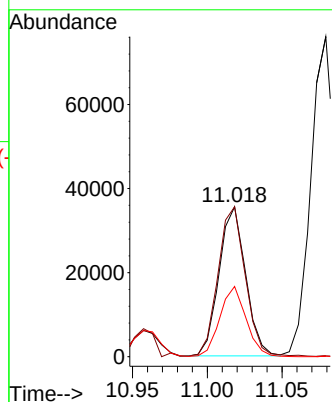
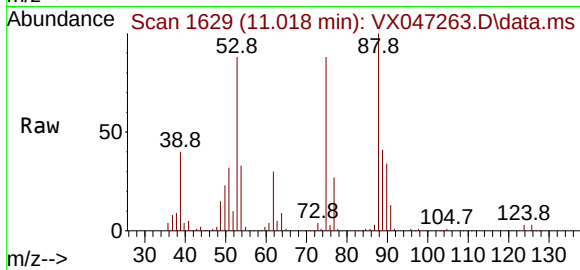




#81
trans-1,4-Dichloro-2-butene
Concen: 34.499 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

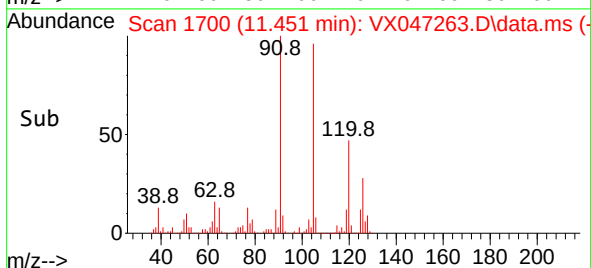
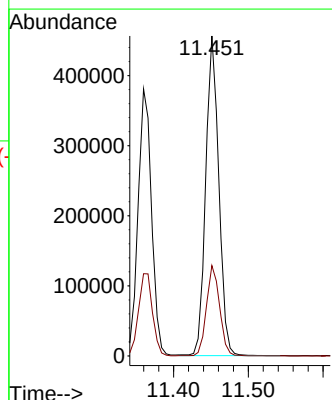
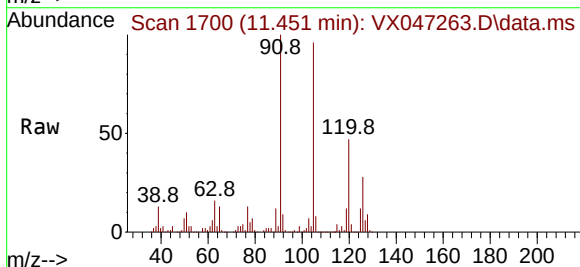
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

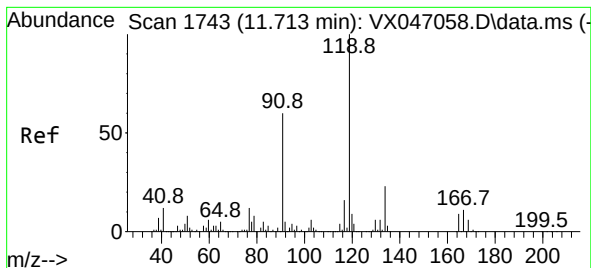
Tgt Ion: 75 Resp: 43870
Ion Ratio Lower Upper
75 100
53 102.8 84.2 126.4
89 46.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 47.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 91 Resp: 554152
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.3





#83

tert-Butylbenzene

Concen: 47.613 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

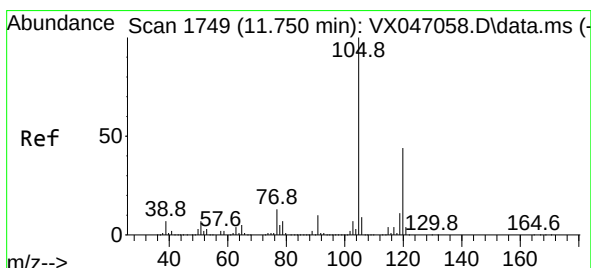
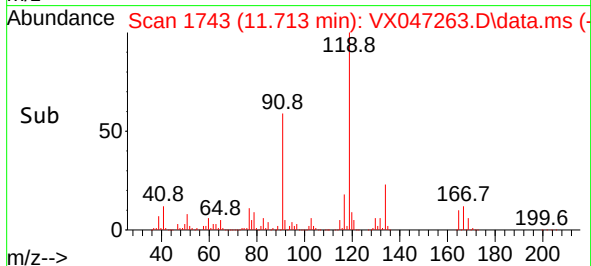
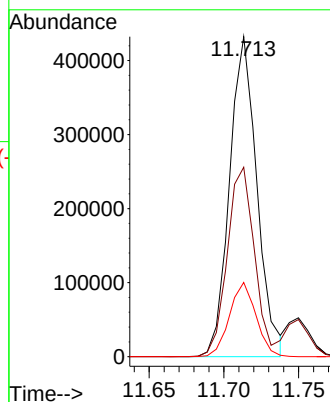
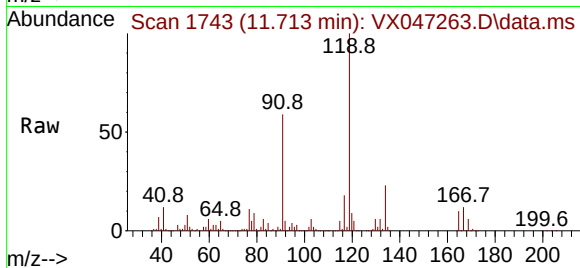
Tgt Ion:119 Resp: 551319

Ion Ratio Lower Upper

119 100

91 58.3 29.6 88.8

134 22.5 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 48.221 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047263.D

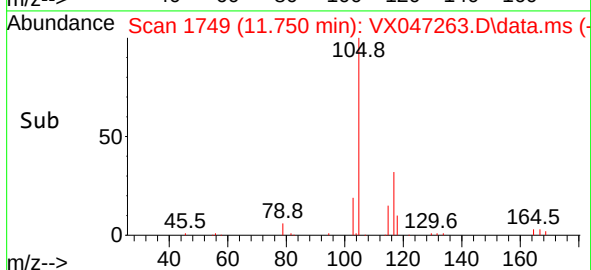
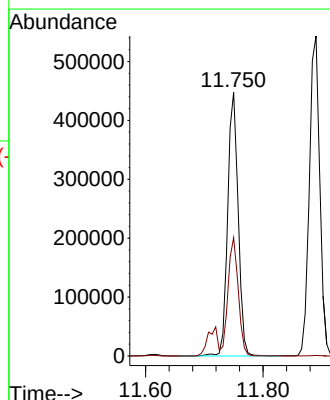
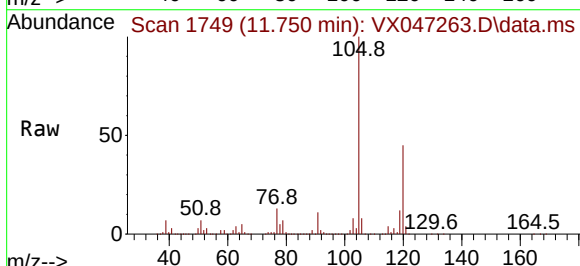
Acq: 08 Aug 2025 11:04

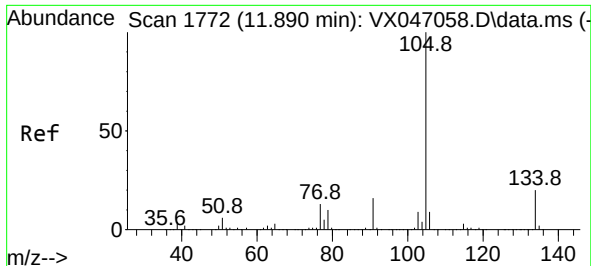
Tgt Ion:105 Resp: 554881

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0

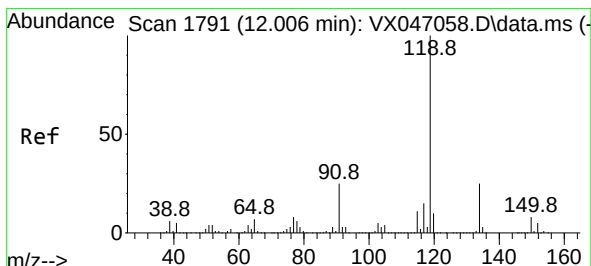
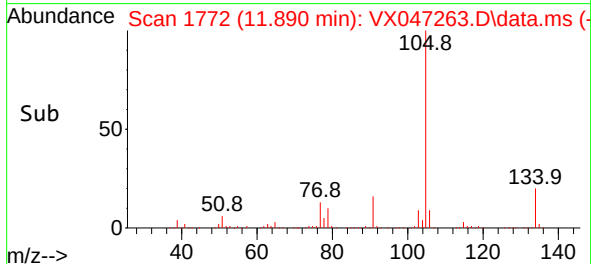
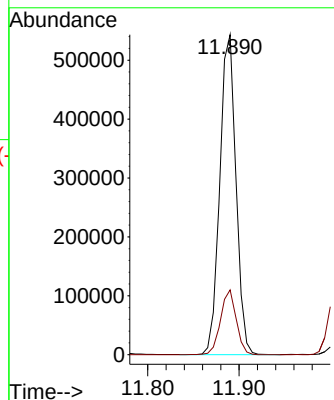
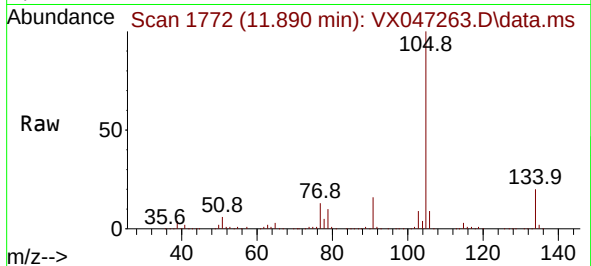




#85
 sec-Butylbenzene
 Concen: 46.241 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

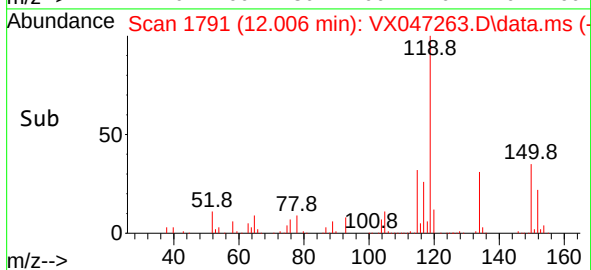
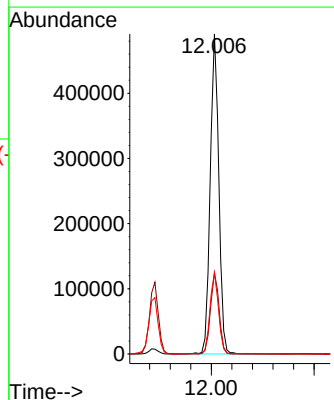
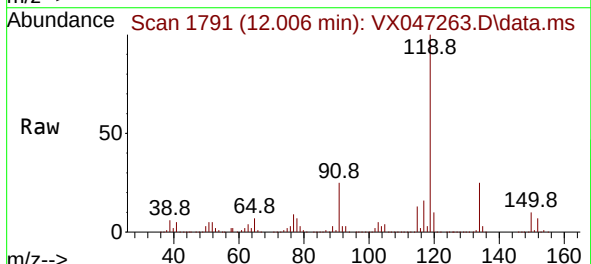
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

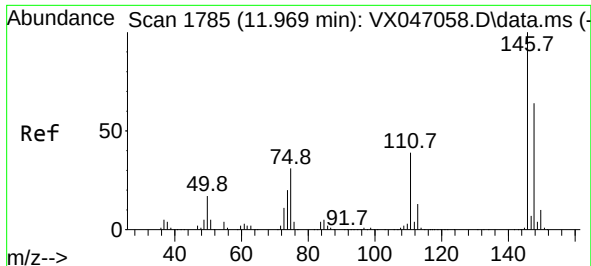
Tgt Ion:105 Resp: 669009
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.139 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Tgt Ion:119 Resp: 565570
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 25.2 12.4 37.4

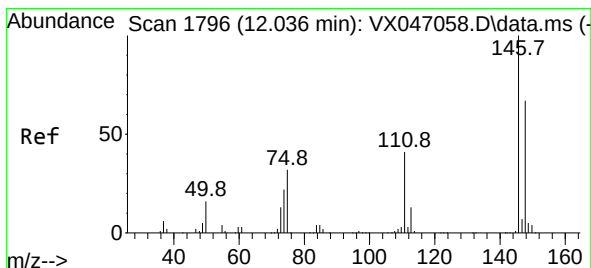
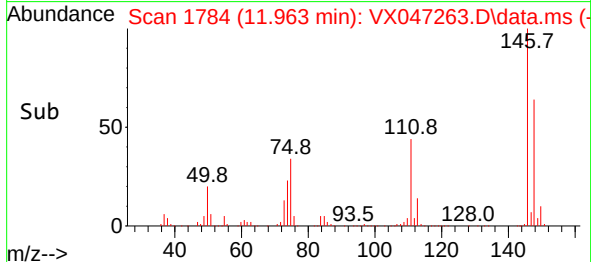
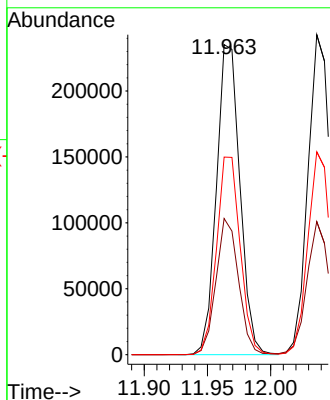
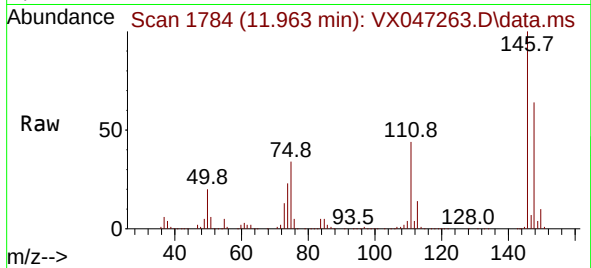




#87
 1,3-Dichlorobenzene
 Concen: 47.668 ug/l
 RT: 11.963 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

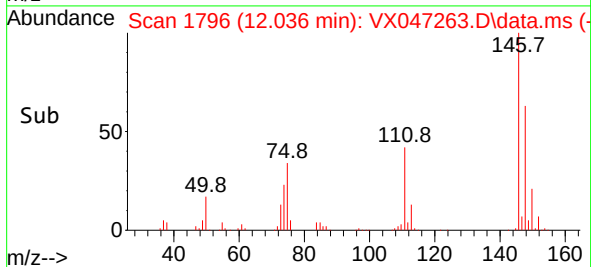
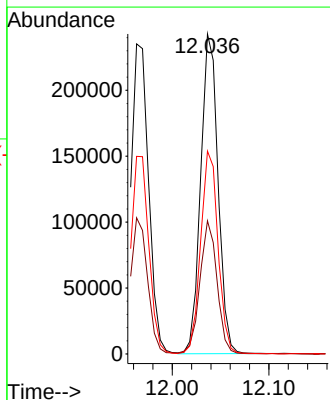
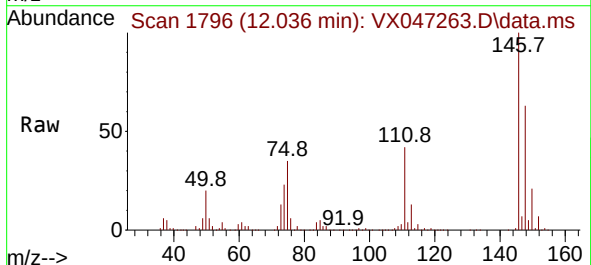
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

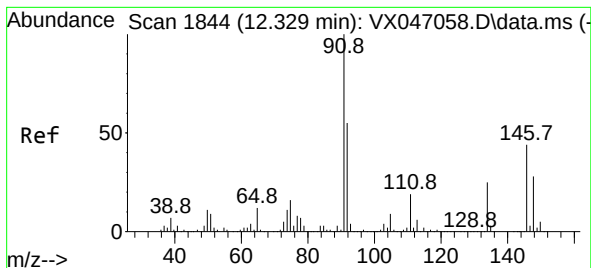
Tgt Ion:146 Resp: 303368
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.0 63.0
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.961 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Tgt Ion:146 Resp: 302789
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.6 61.9
 148 63.9 33.0 98.9





#89

n-Butylbenzene

Concen: 46.840 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

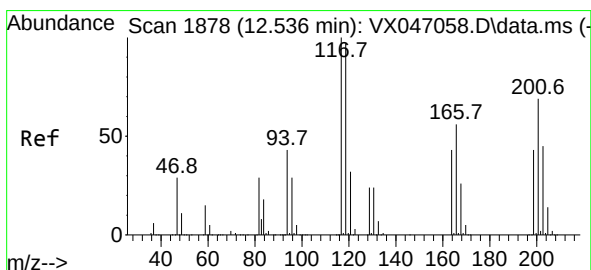
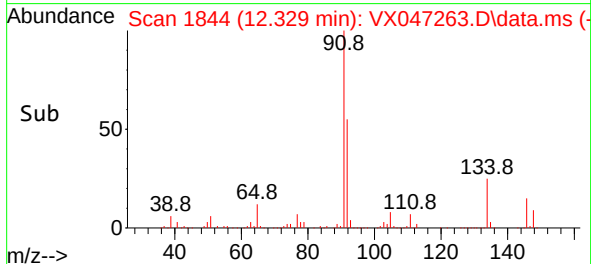
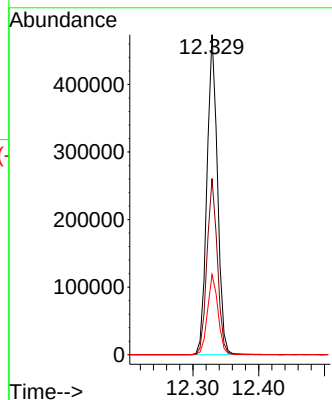
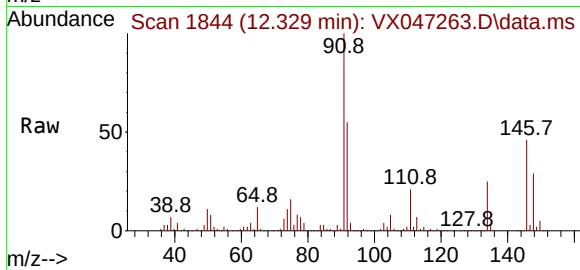
Tgt Ion: 91 Resp: 527023

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

134 25.0 12.8 38.3



#90

Hexachloroethane

Concen: 47.912 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047263.D

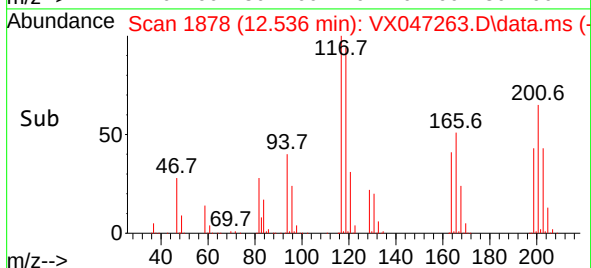
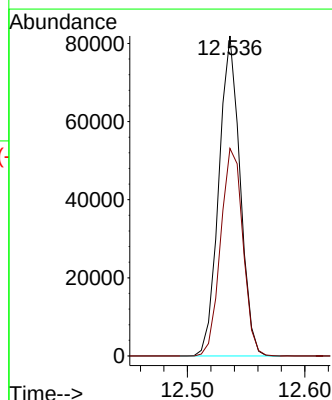
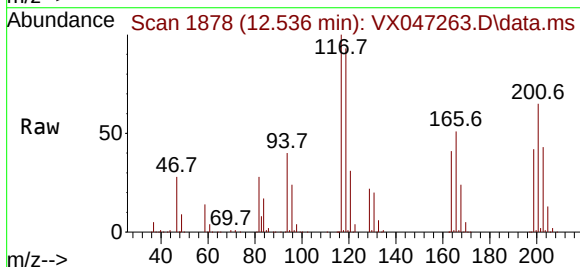
Acq: 08 Aug 2025 11:04

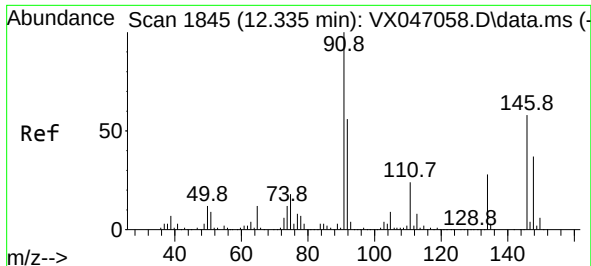
Tgt Ion: 117 Resp: 102837

Ion Ratio Lower Upper

117 100

201 68.0 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 47.490 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

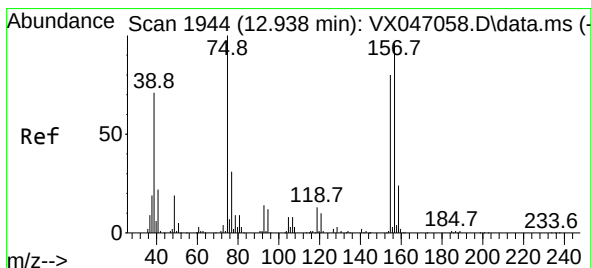
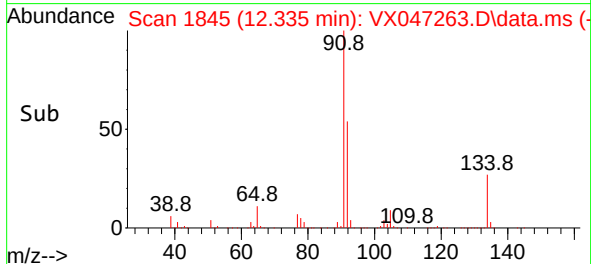
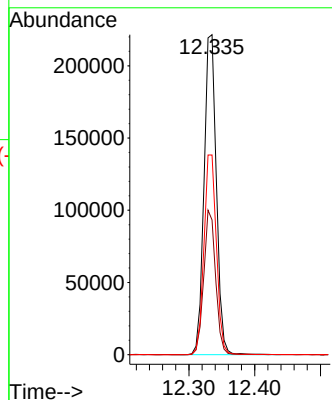
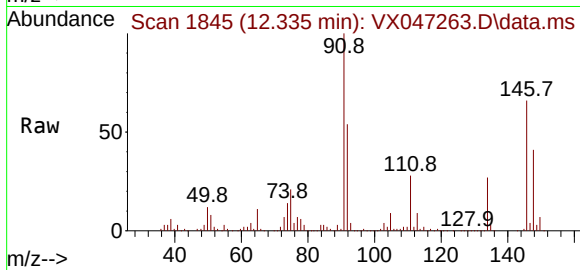
Tgt Ion:146 Resp: 288861

Ion Ratio Lower Upper

146 100

111 43.6 21.6 64.6

148 63.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.501 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

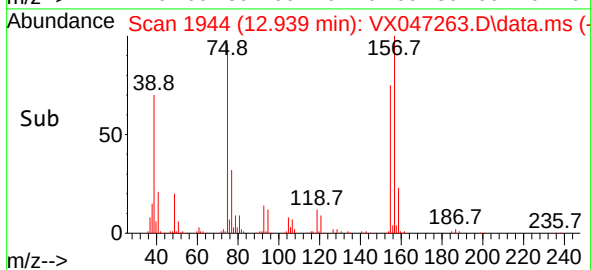
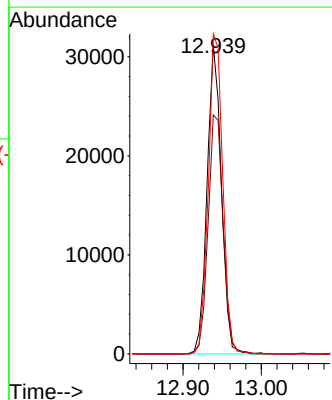
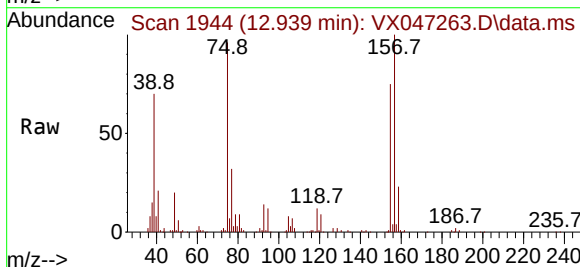
Tgt Ion: 75 Resp: 39433

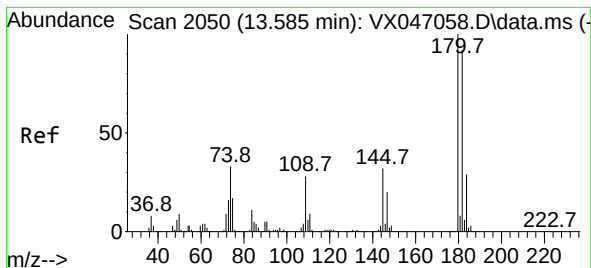
Ion Ratio Lower Upper

75 100

155 81.4 41.3 124.1

157 105.0 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 47.662 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

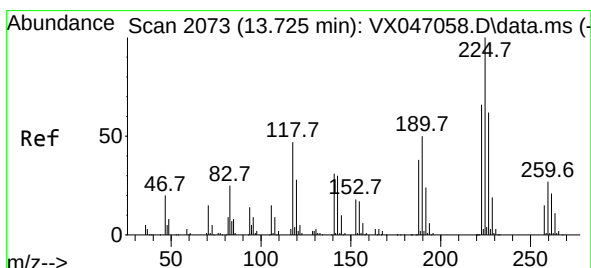
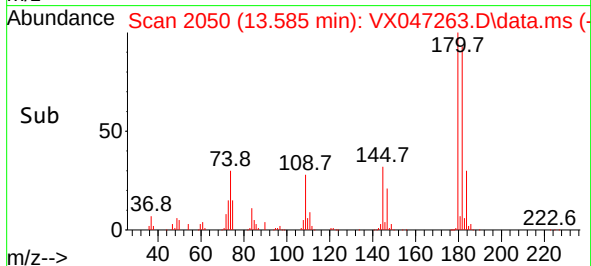
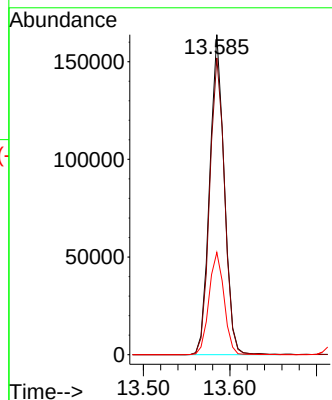
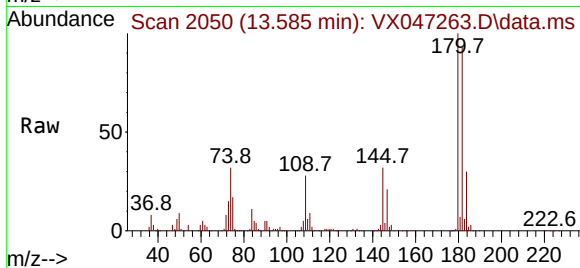
Tgt Ion:180 Resp: 191541

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 33.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.185 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

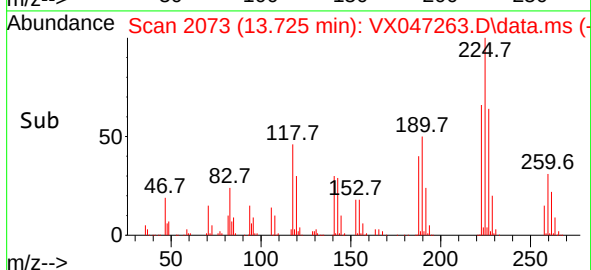
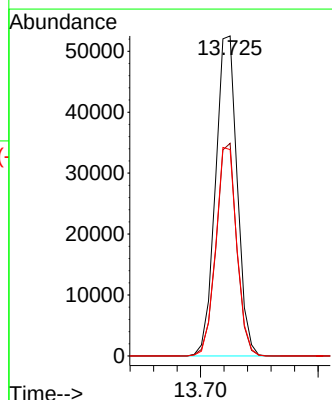
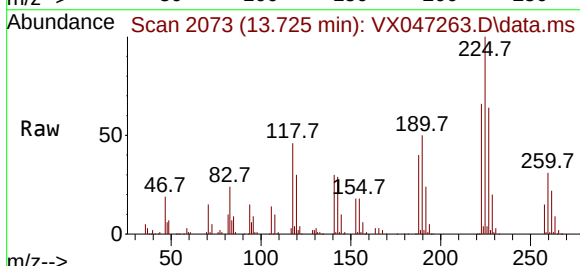
Tgt Ion:225 Resp: 67223

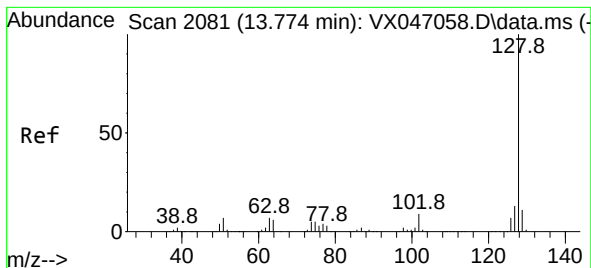
Ion Ratio Lower Upper

225 100

223 63.0 31.6 95.0

227 63.2 32.9 98.6





#95

Naphthalene

Concen: 51.203 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

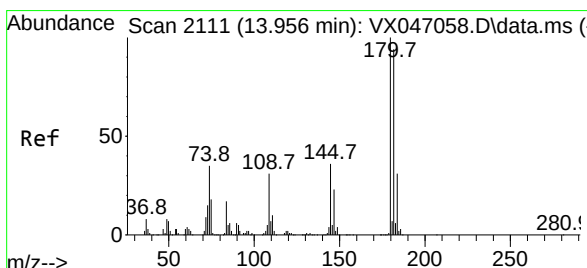
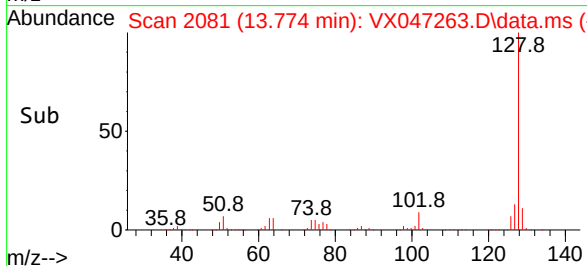
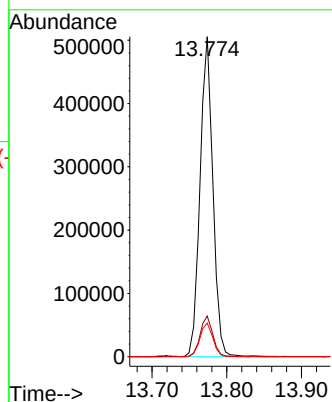
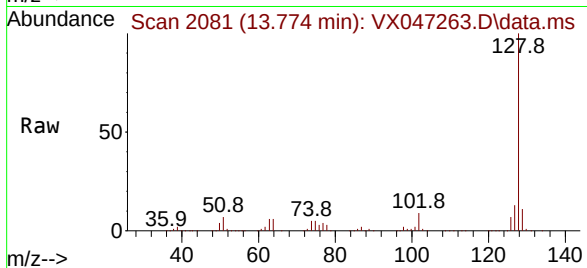
Tgt Ion:128 Resp: 603234

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.112 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Tgt Ion:180 Resp: 186271

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 34.7 17.3 52.0

