

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047103.D
 Acq On : 23 Jul 2025 19:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 24 05:57:50 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	5.562	168	287587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	493232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	166450	46.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.920%
35) Dibromofluoromethane	5.391	113	141881	46.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.180%
50) Toluene-d8	8.647	98	445947	45.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.440%#
62) 4-Bromofluorobenzene	11.079	95	201239	47.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	172064	45.044	ug/l	96
3) Chloromethane	1.313	50	148256	39.236	ug/l	98
4) Vinyl Chloride	1.392	62	179730	44.249	ug/l	96
5) Bromomethane	1.624	94	86234	39.084	ug/l	98
6) Chloroethane	1.703	64	107069	40.135	ug/l	95
7) Trichlorofluoromethane	1.904	101	266034	43.924	ug/l	100
8) Diethyl Ether	2.148	74	92252	43.199	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	154812	42.426	ug/l	98
10) Methyl Iodide	2.471	142	297374	79.962	ug/l	98
11) Tert butyl alcohol	2.965	59	100234	238.889	ug/l #	94
12) 1,1-Dichloroethene	2.337	96	157023	43.447	ug/l	98
13) Acrolein	2.246	56	204621	265.273	ug/l	100
14) Allyl chloride	2.678	41	468755	71.751	ug/l #	78
15) Acrylonitrile	3.081	53	370979	217.130	ug/l	100
16) Acetone	2.392	43	289332	201.607	ug/l	98
17) Carbon Disulfide	2.526	76	447325	42.783	ug/l	98
18) Methyl Acetate	2.715	43	172268	45.169	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	486496	44.230	ug/l	100
20) Methylene Chloride	2.806	84	167754	42.489	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	160800	43.478	ug/l	98
22) Diisopropyl ether	3.770	45	573628	45.669	ug/l	99
23) Vinyl Acetate	3.733	43	2359254	234.185	ug/l	100
24) 1,1-Dichloroethane	3.623	63	309312	44.285	ug/l	99
25) 2-Butanone	4.562	43	448487	214.621	ug/l	99
26) 2,2-Dichloropropane	4.489	77	225896	41.781	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	190924	43.595	ug/l	99
28) Bromochloromethane	4.910	49	144747	45.046	ug/l	99
29) Tetrahydrofuran	5.019	42	287356	213.127	ug/l	99
30) Chloroform	5.105	83	312908	44.011	ug/l	98
31) Cyclohexane	5.483	56	286215	42.737	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	280797	45.470	ug/l	99
36) 1,1-Dichloropropene	5.702	75	222571	42.875	ug/l	99
37) Ethyl Acetate	4.727	43	203758	42.597	ug/l	99
38) Carbon Tetrachloride	5.690	117	248821	44.909	ug/l	98
39) Methylcyclohexane	7.385	83	276164	42.609	ug/l	99
40) Benzene	6.050	78	664591	44.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	108066	43.208	ug/l	95
42) 1,2-Dichloroethane	6.092	62	236480	44.686	ug/l	98
43) Isopropyl Acetate	6.342	43	345302	46.305	ug/l	99
44) Trichloroethene	7.129	130	167685	43.527	ug/l	99
45) 1,2-Dichloropropane	7.434	63	169177	44.962	ug/l	97
46) Dibromomethane	7.586	93	119350	45.233	ug/l	99
47) Bromodichloromethane	7.824	83	258028	45.943	ug/l	98
48) Methyl methacrylate	7.696	41	179710	44.237	ug/l	99
49) 1,4-Dioxane	7.684	88	38366	830.352	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	991610	223.717	ug/l	99
52) Toluene	8.720	92	417455	45.192	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	243173	45.852	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	263899	45.464	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	153422	44.287	ug/l	99
56) Ethyl methacrylate	9.116	69	245458	47.861	ug/l	99
57) 1,3-Dichloropropane	9.305	76	268675	44.625	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	127398	44.640	ug/l	99
59) 2-Hexanone	9.427	43	677491	231.350	ug/l	100
60) Dibromochloromethane	9.519	129	192797	47.452	ug/l	99
61) 1,2-Dibromoethane	9.610	107	159113	43.925	ug/l	100
64) Tetrachloroethene	9.275	164	135506	42.182	ug/l	96
65) Chlorobenzene	10.080	112	456900	43.767	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	158001	44.954	ug/l	99
67) Ethyl Benzene	10.195	91	809994	44.376	ug/l	99
68) m/p-Xylenes	10.299	106	602274	88.173	ug/l	100
69) o-Xylene	10.640	106	288269	44.362	ug/l	99
70) Styrene	10.653	104	497794	44.675	ug/l	99
71) Bromoform	10.799	173	123767	46.357	ug/l	100
73) Isopropylbenzene	10.957	105	766654	44.724	ug/l	100
74) N-amyl acetate	10.842	43	316182	45.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	214222	43.750	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	215659	53.624	ug/l	83
77) Bromobenzene	11.195	156	180015	43.783	ug/l	99
78) n-propylbenzene	11.305	91	923482	45.083	ug/l	100
79) 2-Chlorotoluene	11.360	91	540049	44.104	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	630294	44.507	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	45159	28.930	ug/l	98
82) 4-Chlorotoluene	11.451	91	634842	44.418	ug/l	100
83) tert-Butylbenzene	11.713	119	635327	44.697	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	635813	45.012	ug/l	99
85) sec-Butylbenzene	11.890	105	788910	44.421	ug/l	100
86) p-Isopropyltoluene	12.006	119	657464	44.641	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	341658	43.734	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	339977	42.954	ug/l	98
89) n-Butylbenzene	12.329	91	614554	44.495	ug/l	100
90) Hexachloroethane	12.536	117	122818	46.615	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	325077	43.538	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43941	46.751	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	217953	44.181	ug/l	99
94) Hexachlorobutadiene	13.725	225	73694	43.925	ug/l	98
95) Naphthalene	13.774	128	668308	46.212	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	206227	43.393	ug/l	98

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

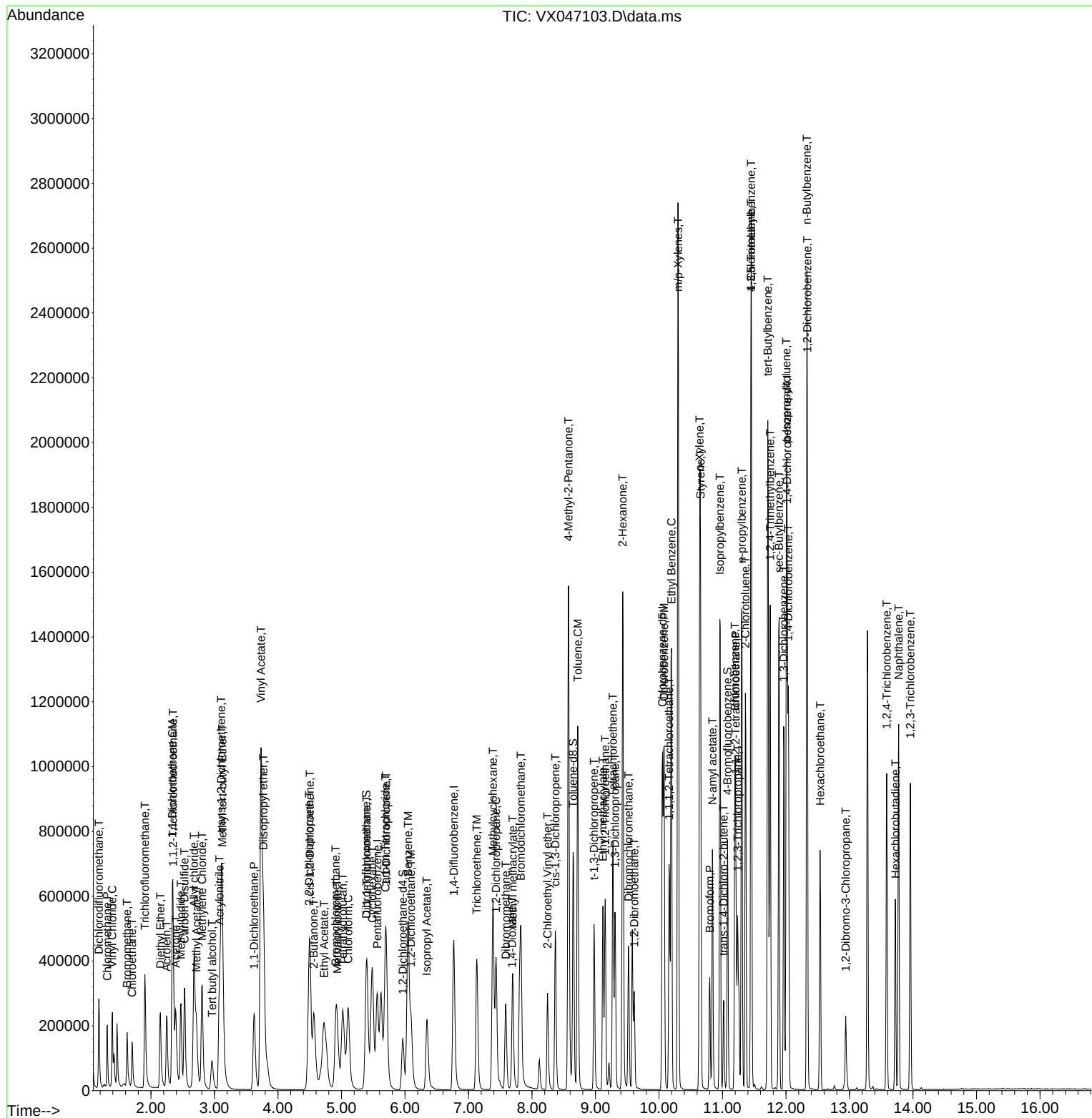
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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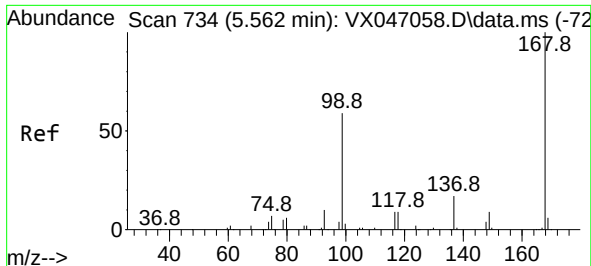
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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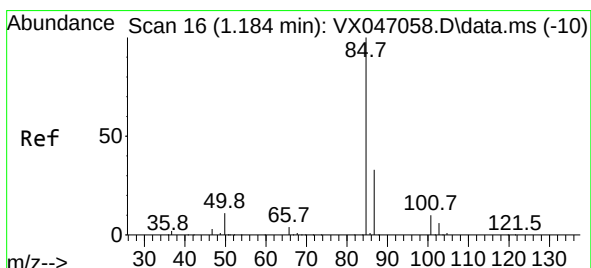
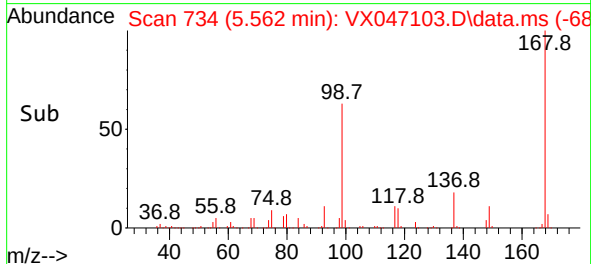
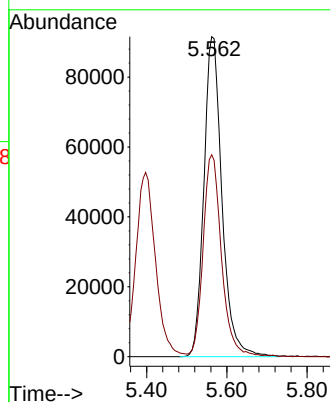
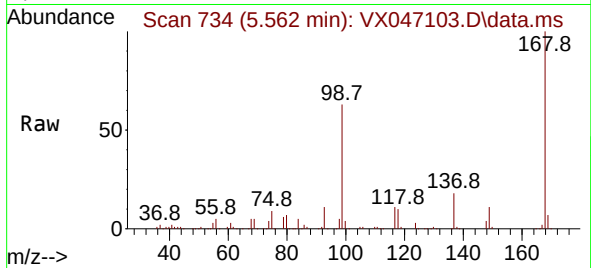




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047103.D
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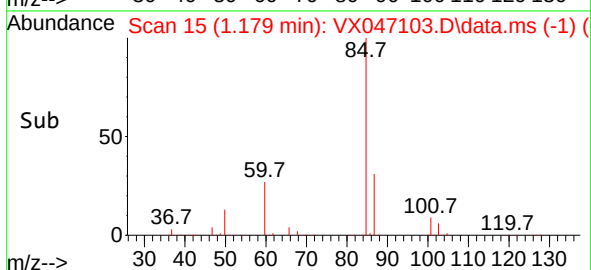
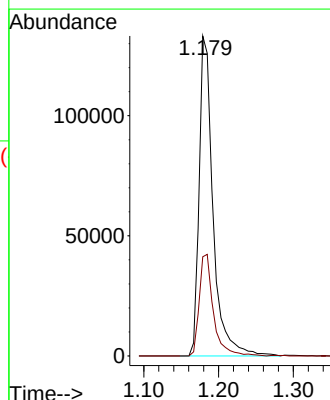
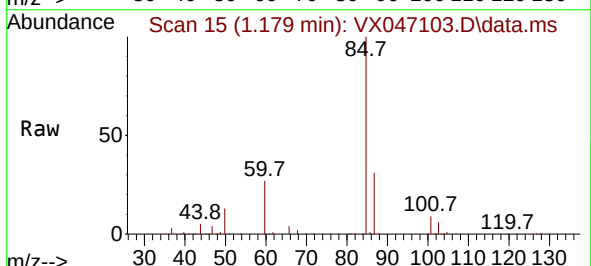
Instrument :
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VSTDCCC050EC

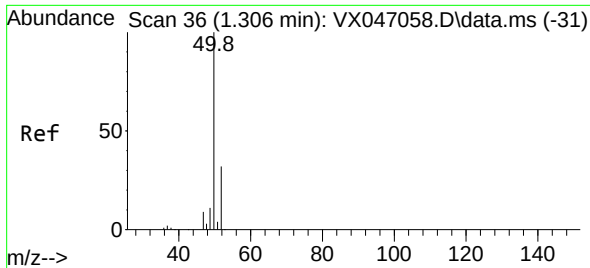
Tgt Ion:168 Resp: 287587
Ion Ratio Lower Upper
168 100
99 63.0 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 45.044 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 85 Resp: 172064
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.8

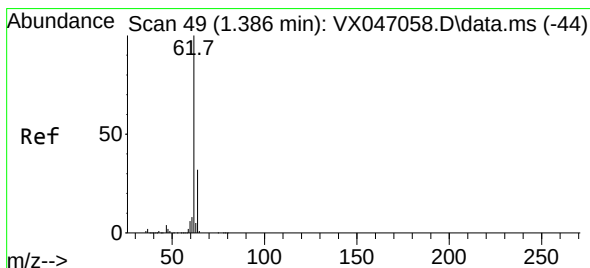
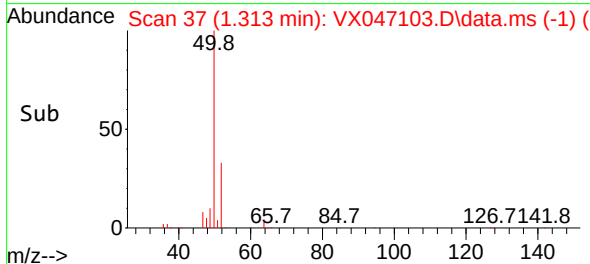
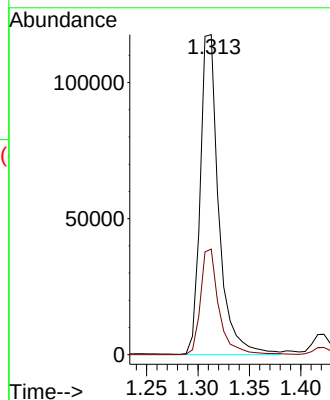
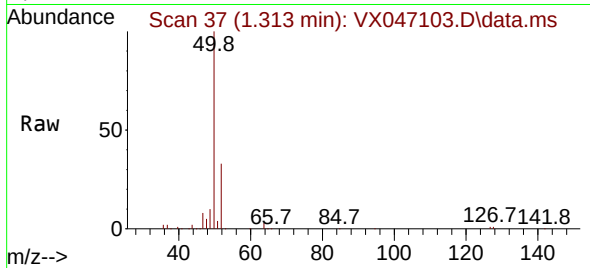




#3
Chloromethane
Concen: 39.236 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

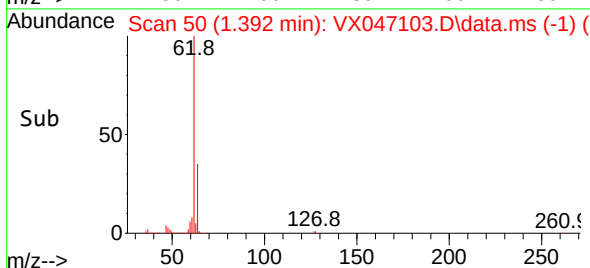
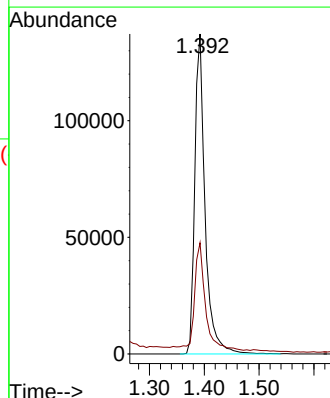
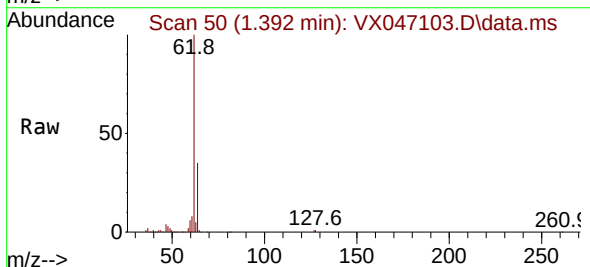
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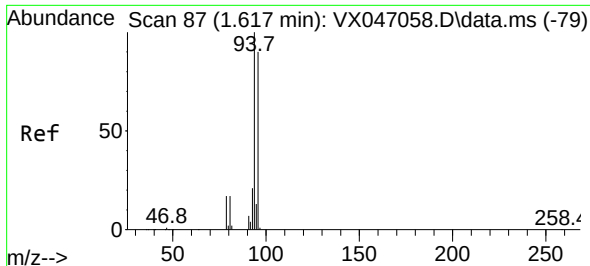
Tgt Ion: 50 Resp: 148256
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 44.249 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 62 Resp: 179730
Ion Ratio Lower Upper
62 100
64 34.0 25.2 37.8

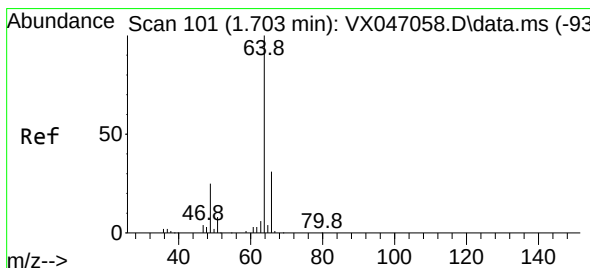
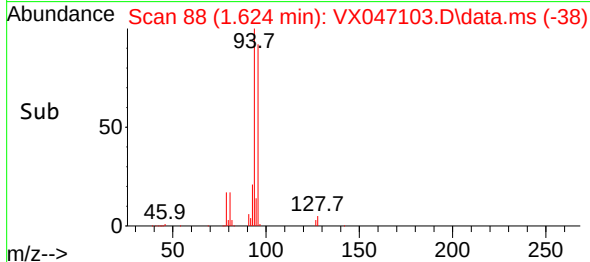
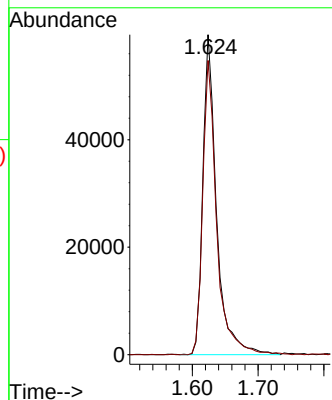
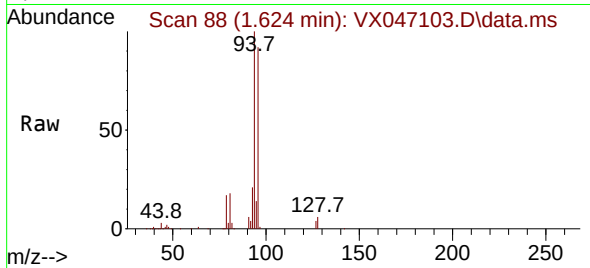




#5
Bromomethane
Concen: 39.084 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX047103.D
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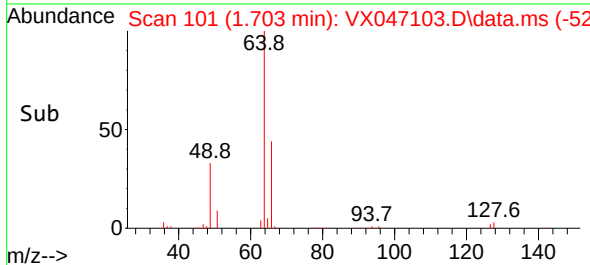
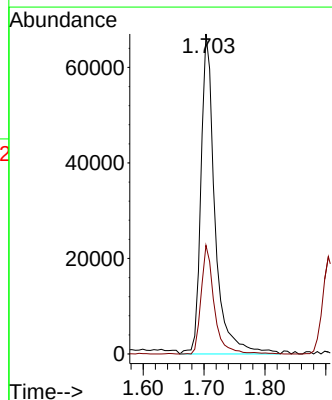
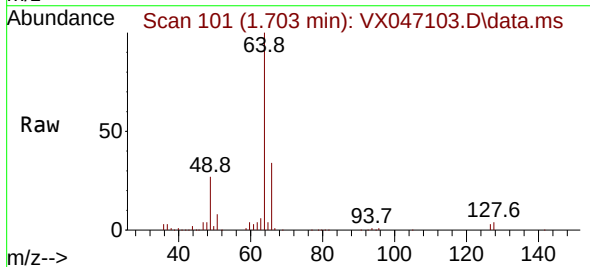
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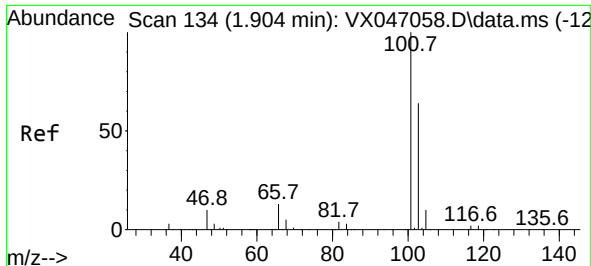
Tgt Ion: 94 Resp: 86234
Ion Ratio Lower Upper
94 100
96 91.9 72.3 108.5



#6
Chloroethane
Concen: 40.135 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 64 Resp: 107069
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.6

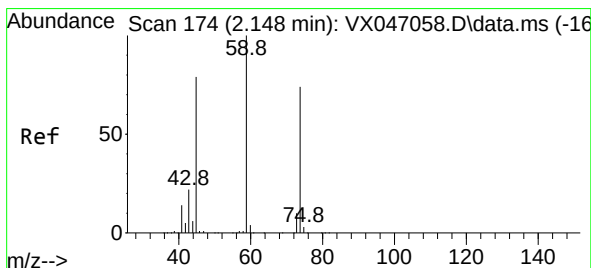
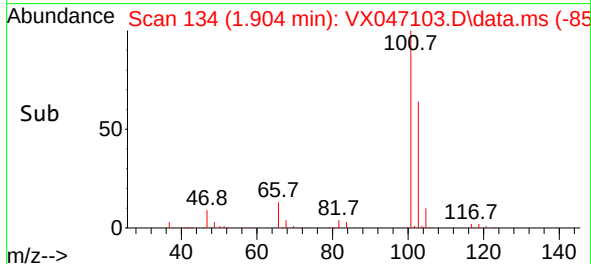
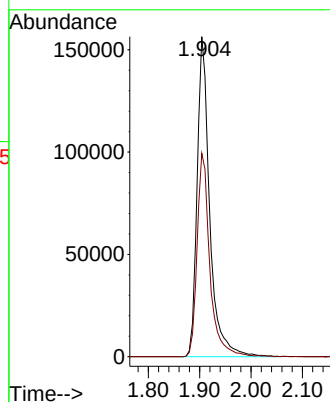
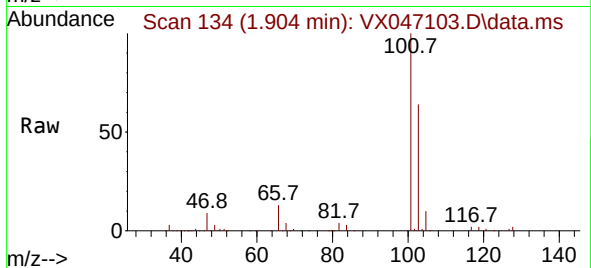




#7
 Trichlorofluoromethane
 Concen: 43.924 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

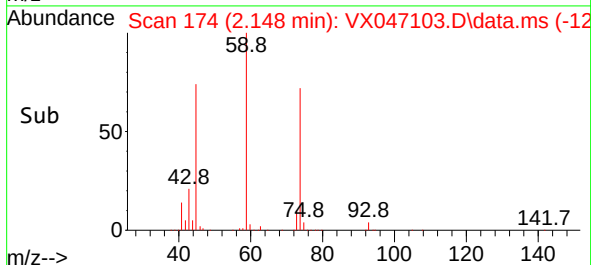
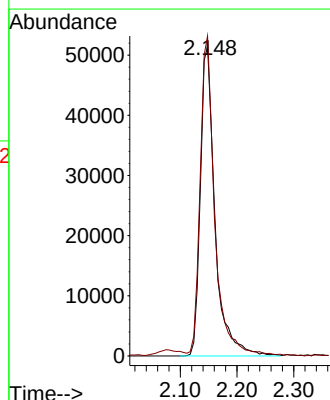
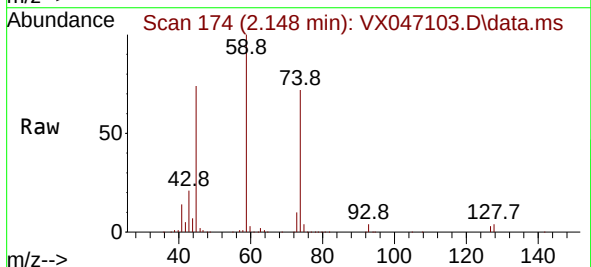
Instrument :
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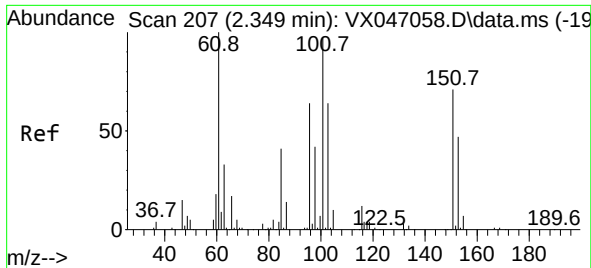
Tgt Ion:101 Resp: 266034
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.9 76.3



#8
 Diethyl Ether
 Concen: 43.199 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 92252
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.0 159.0

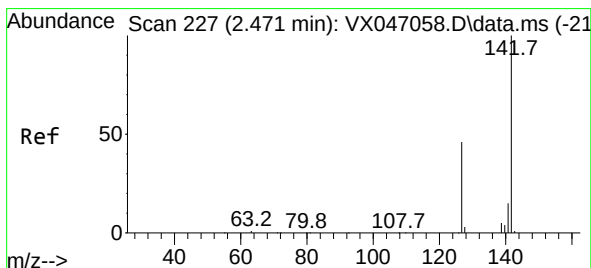
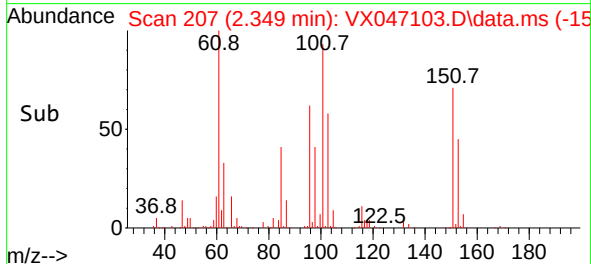
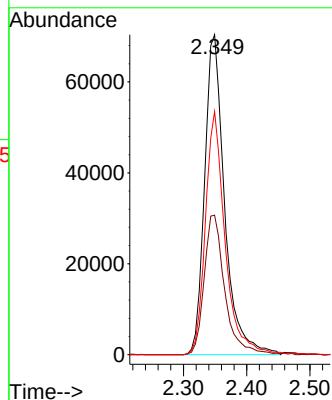
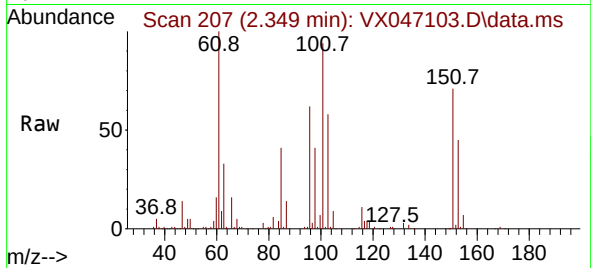




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 42.426 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

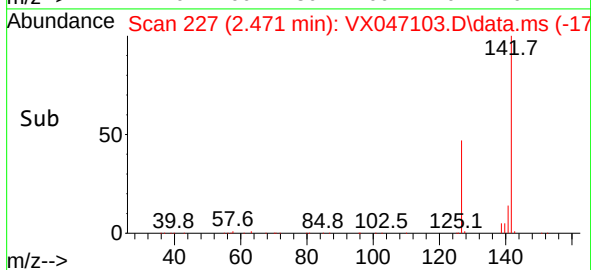
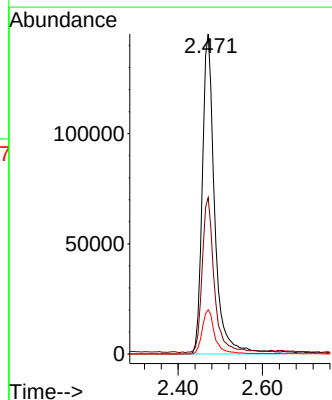
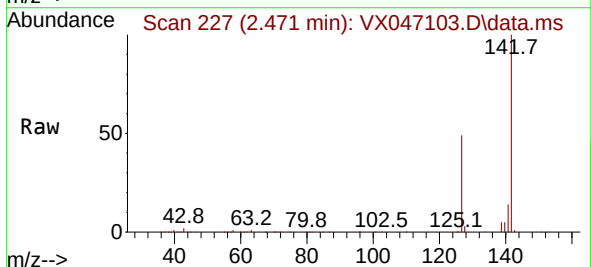
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

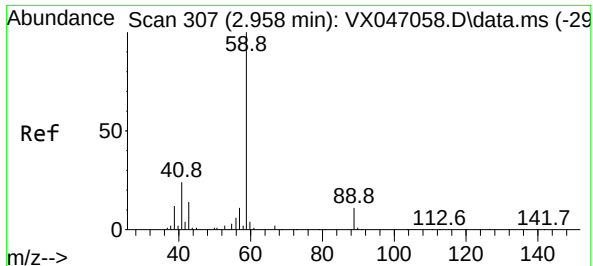
Tgt Ion:101 Resp: 154812
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.4 53.0
 151 75.3 59.2 88.8



#10
 Methyl Iodide
 Concen: 79.962 ug/l
 RT: 2.471 min Scan# 227
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

Tgt Ion:142 Resp: 297374
 Ion Ratio Lower Upper
 142 100
 127 47.0 36.6 54.8
 141 14.0 10.9 16.3

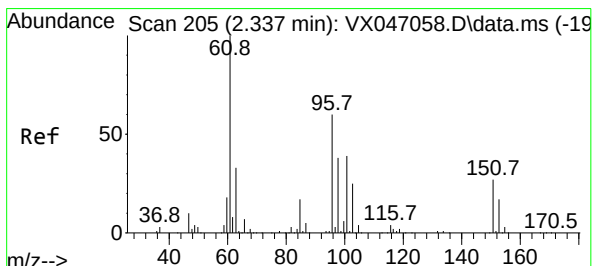
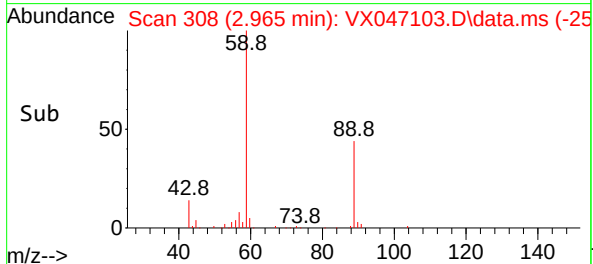
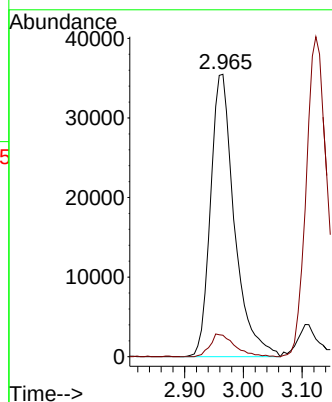
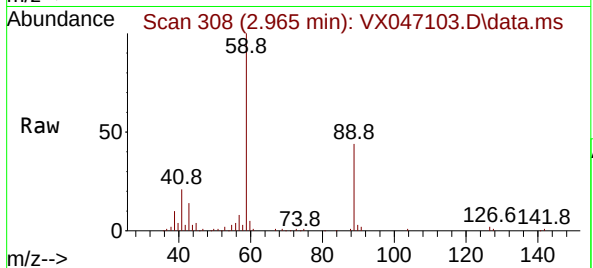




#11
Tert butyl alcohol
Concen: 238.889 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

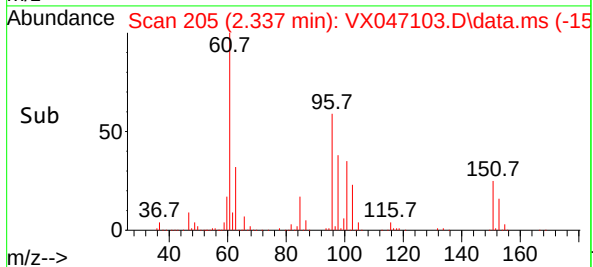
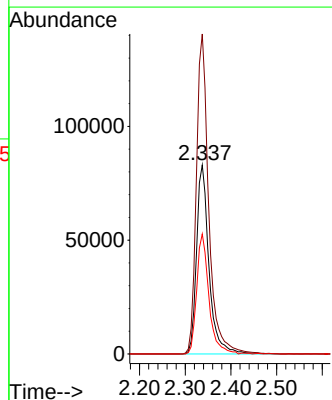
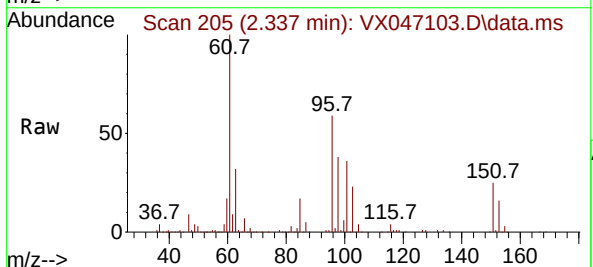
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

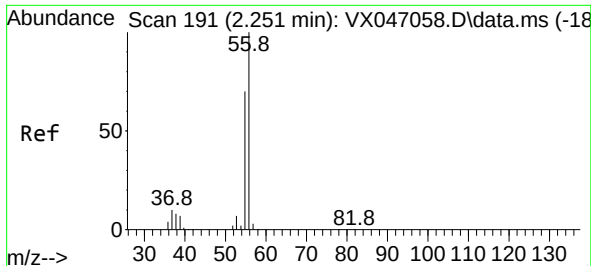
Tgt Ion: 59 Resp: 100234
Ion Ratio Lower Upper
59 100
57 8.3 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 43.447 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 96 Resp: 157023
Ion Ratio Lower Upper
96 100
61 169.4 132.6 198.8
98 63.5 50.2 75.4

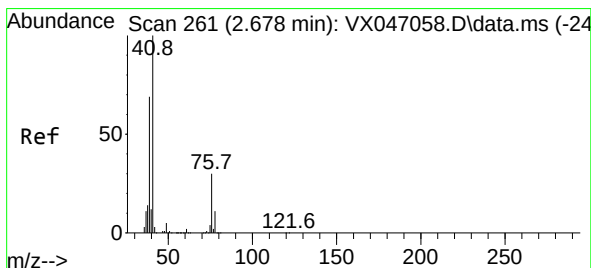
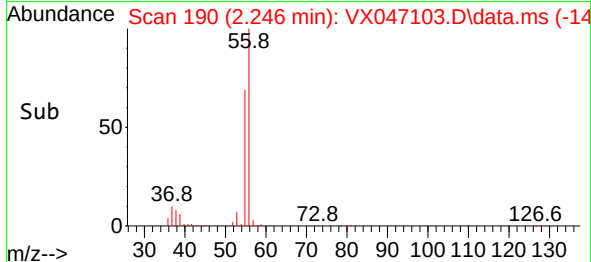
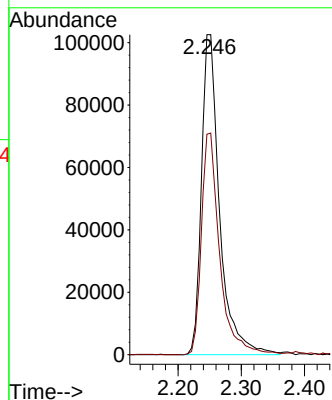
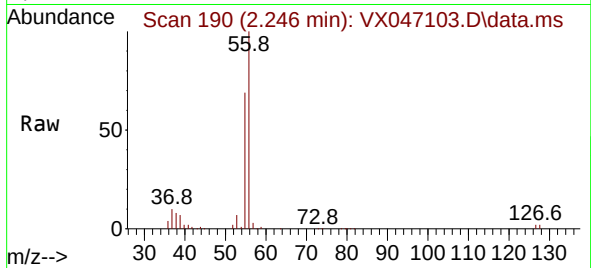




#13
Acrolein
Concen: 265.273 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

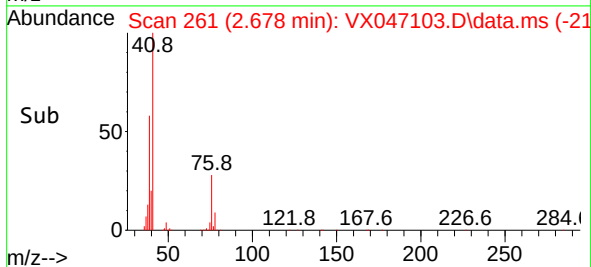
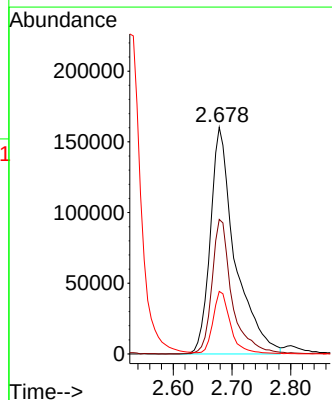
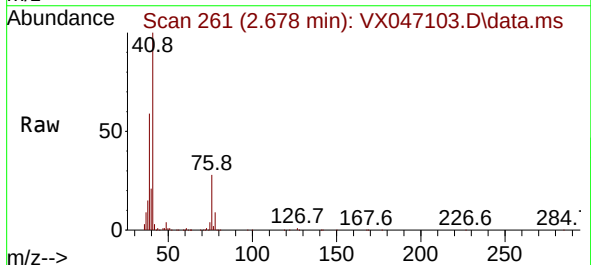
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

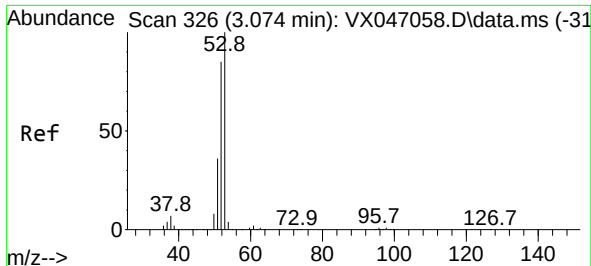
Tgt Ion: 56 Resp: 204621
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 71.751 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 41 Resp: 468755
Ion Ratio Lower Upper
41 100
39 48.3 52.6 78.8#
76 19.8 25.7 38.5#

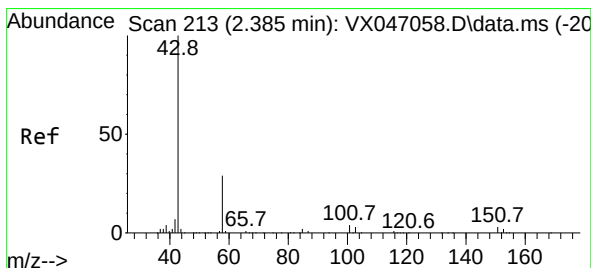
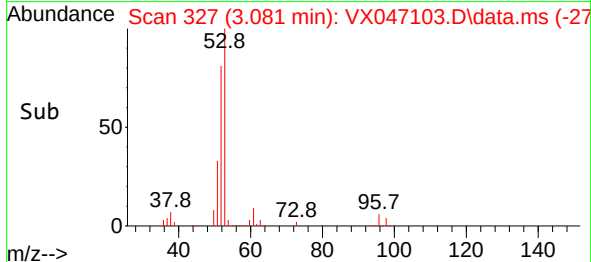
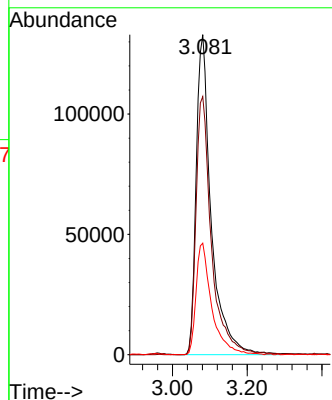
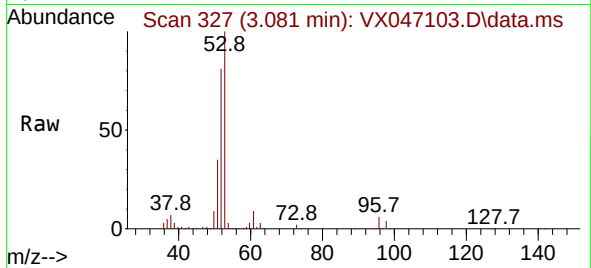




#15
Acrylonitrile
Concen: 217.130 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

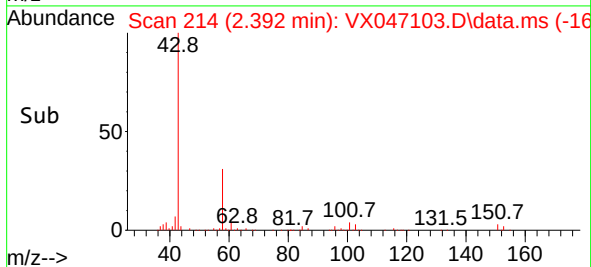
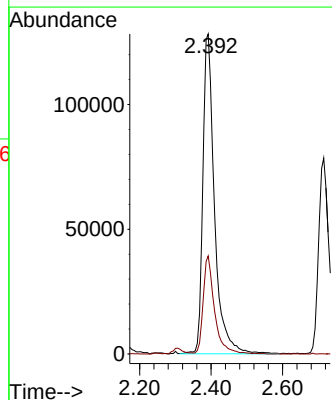
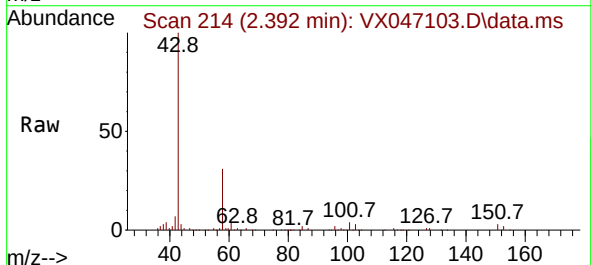
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

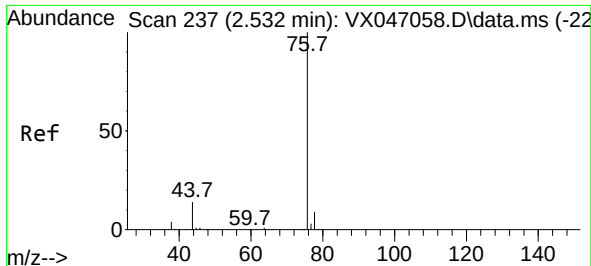
Tgt Ion: 53 Resp: 370979
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 36.4 28.8 43.2



#16
Acetone
Concen: 201.607 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 43 Resp: 289332
Ion Ratio Lower Upper
43 100
58 30.9 24.0 36.0

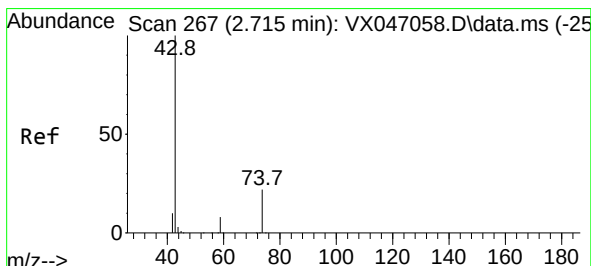
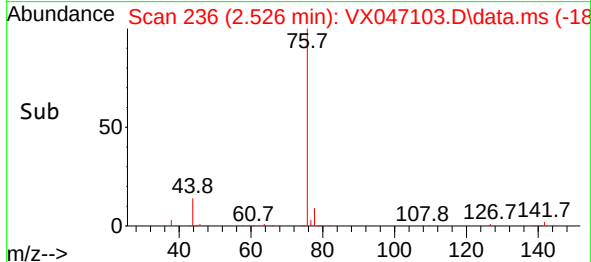
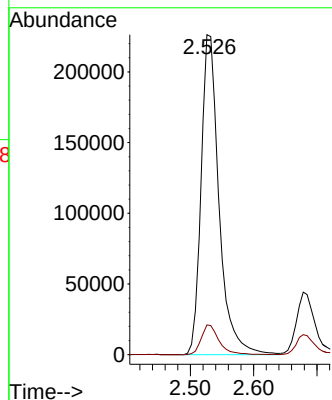
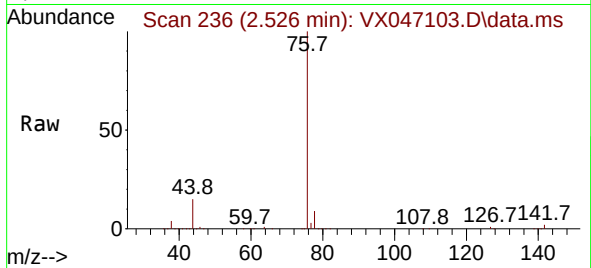




#17
Carbon Disulfide
Concen: 42.783 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

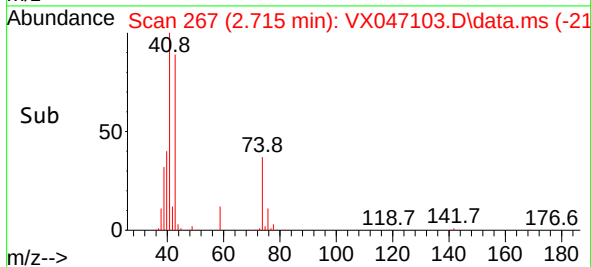
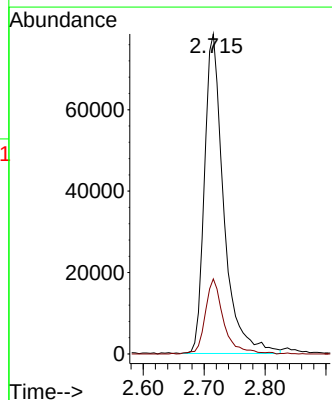
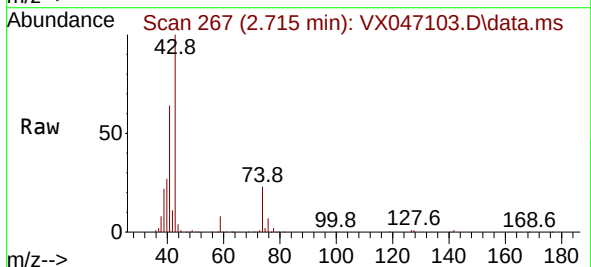
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

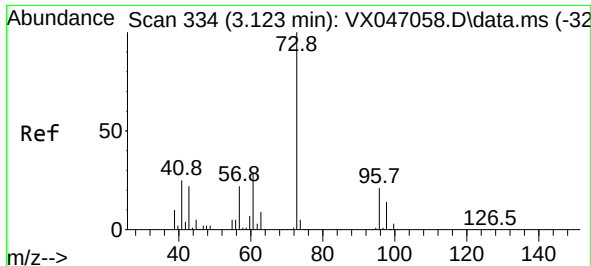
Tgt Ion: 76 Resp: 447325
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 45.169 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 43 Resp: 172268
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5

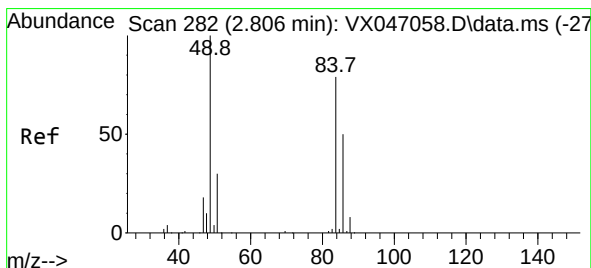
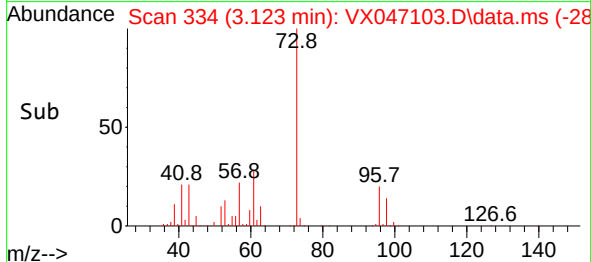
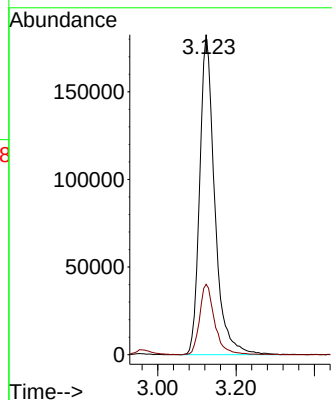
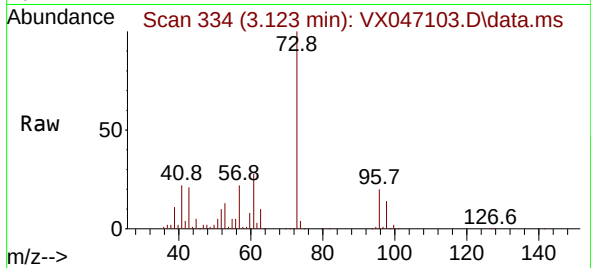




#19
Methyl tert-butyl Ether
Concen: 44.230 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

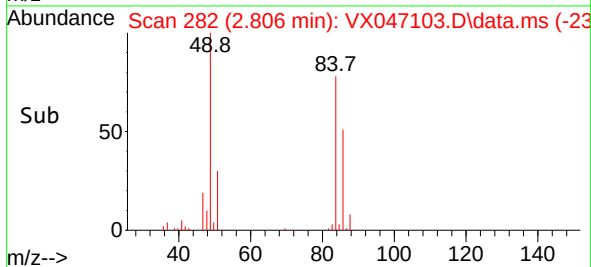
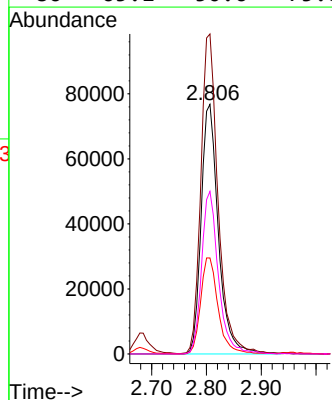
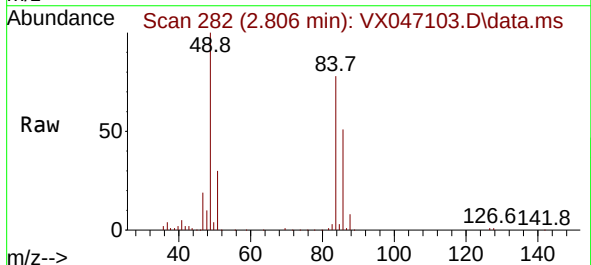
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

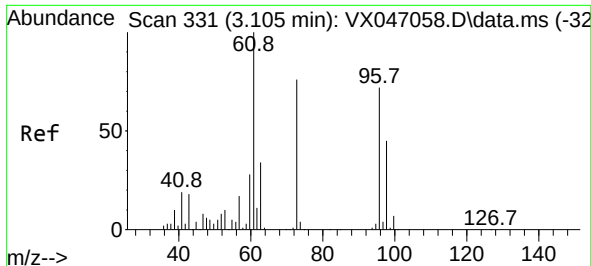
Tgt Ion: 73 Resp: 486496
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 42.489 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 84 Resp: 167754
Ion Ratio Lower Upper
84 100
49 128.1 101.6 152.4
51 38.4 30.3 45.5
86 65.1 50.6 75.8

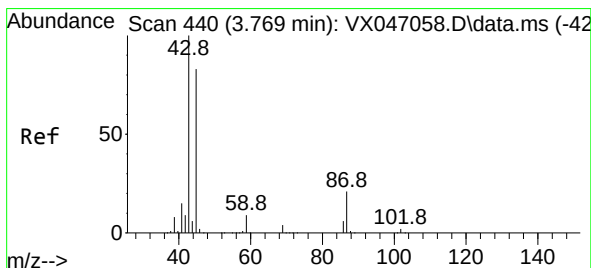
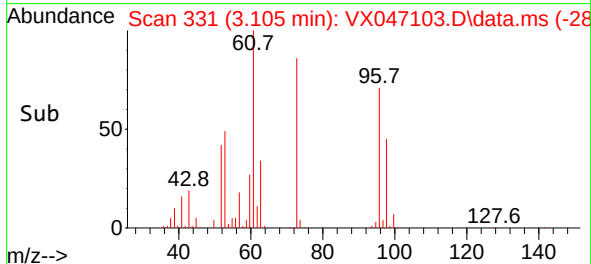
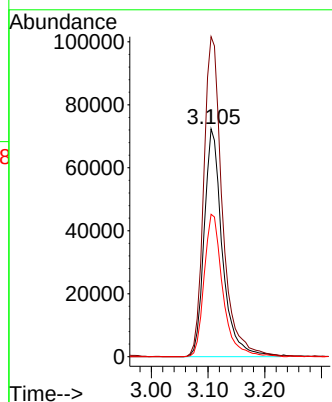
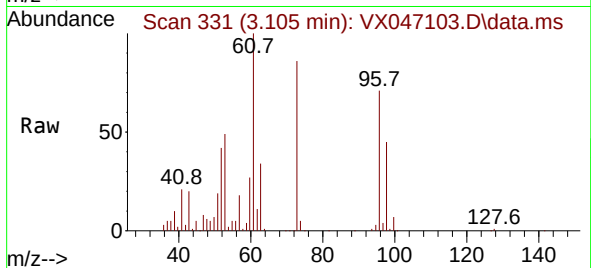




#21
trans-1,2-Dichloroethene
Concen: 43.478 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

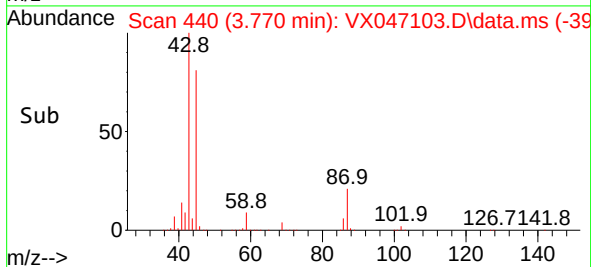
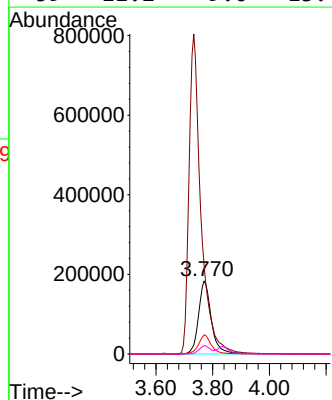
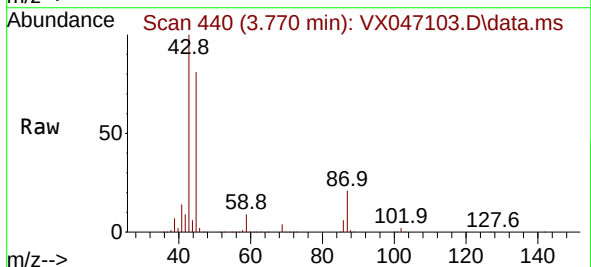
Instrument :
MSVOA_X
ClientSampleId :
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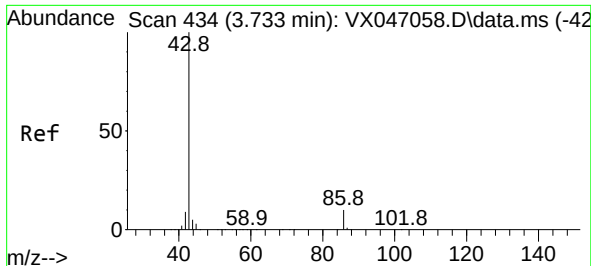
Tgt Ion: 96 Resp: 160800
Ion Ratio Lower Upper
96 100
61 140.5 111.1 166.7
98 64.2 49.6 74.4



#22
Diisopropyl ether
Concen: 45.669 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 45 Resp: 573628
Ion Ratio Lower Upper
45 100
43 122.7 96.8 145.2
87 26.3 20.5 30.7
59 11.2 9.0 13.4

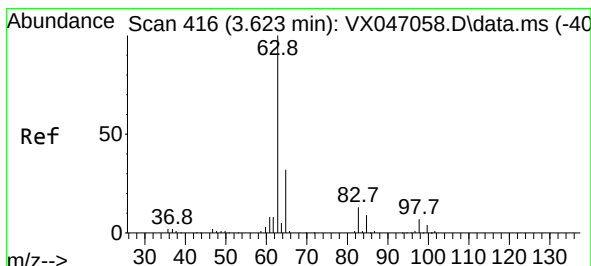
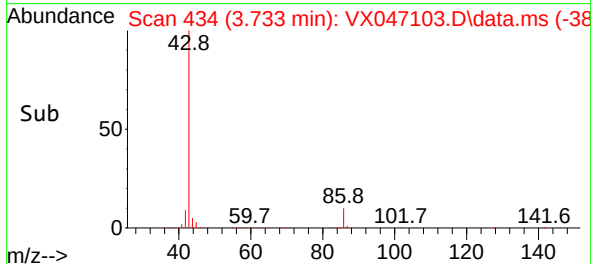
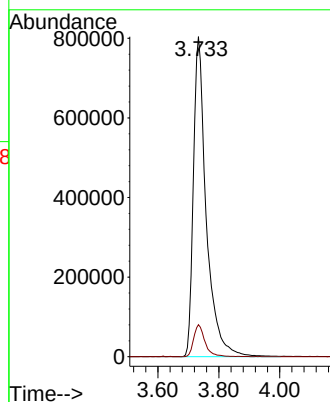
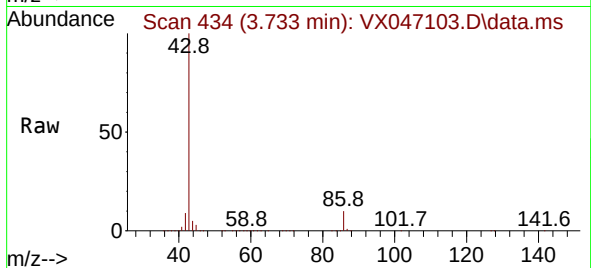




#23
 Vinyl Acetate
 Concen: 234.185 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

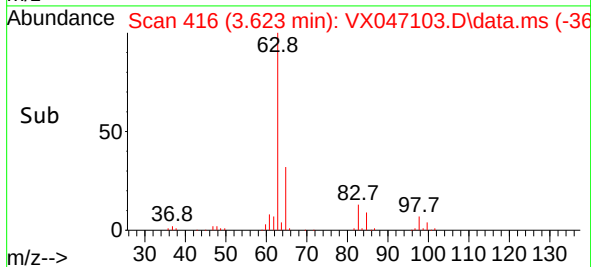
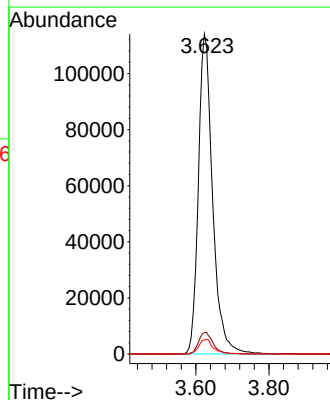
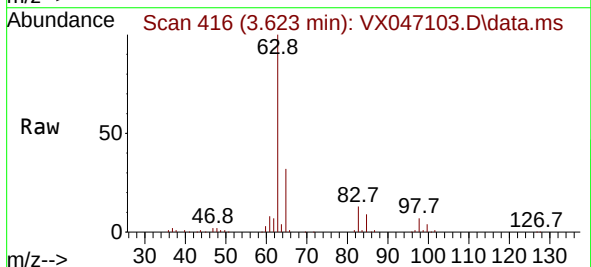
Instrument :
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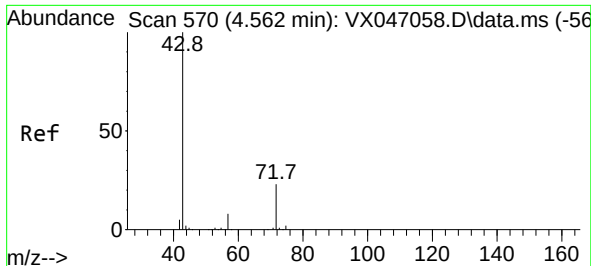
Tgt Ion: 43 Resp: 2359254
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 44.285 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

Tgt Ion: 63 Resp: 309312
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.6 2.3 6.8

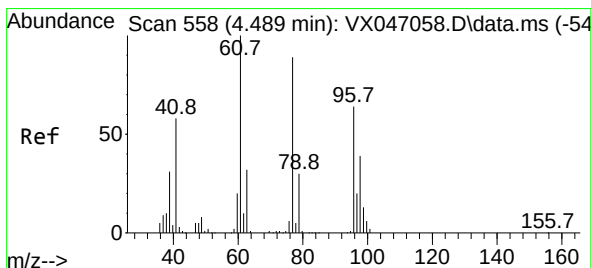
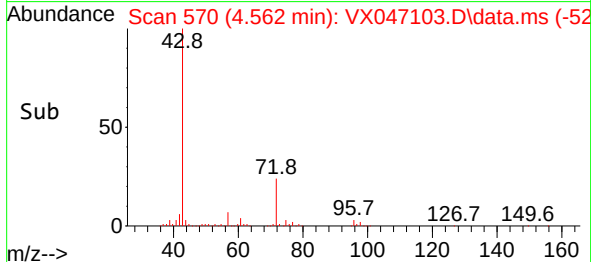
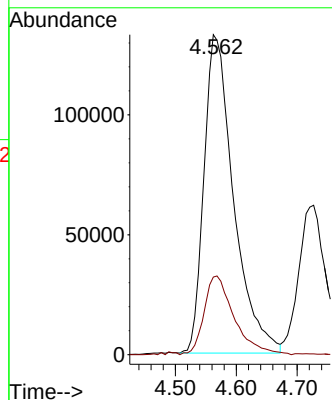
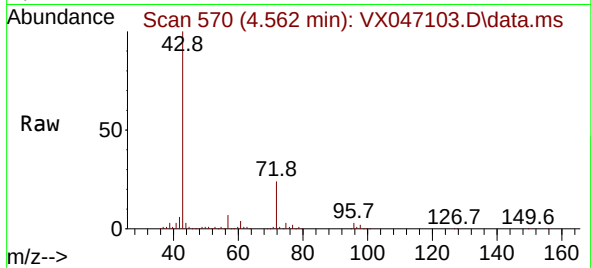




#25
2-Butanone
Concen: 214.621 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

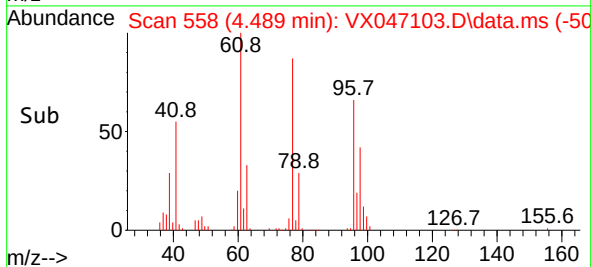
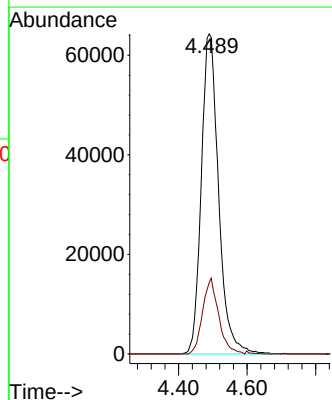
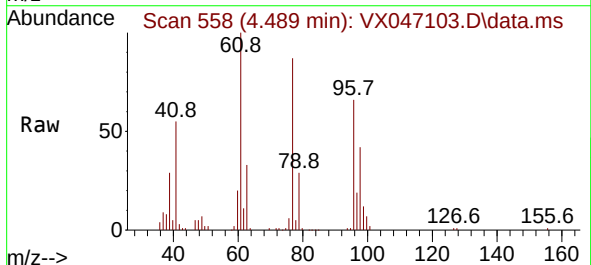
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

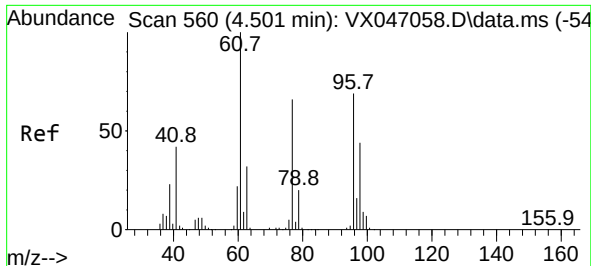
Tgt Ion: 43 Resp: 448487
Ion Ratio Lower Upper
43 100
72 24.1 18.8 28.2



#26
2,2-Dichloropropane
Concen: 41.781 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 77 Resp: 225896
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 43.595 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

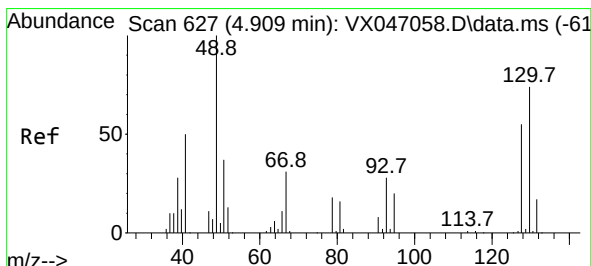
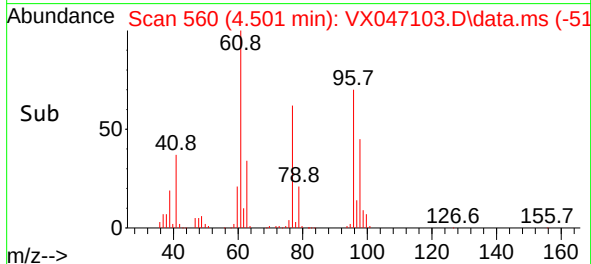
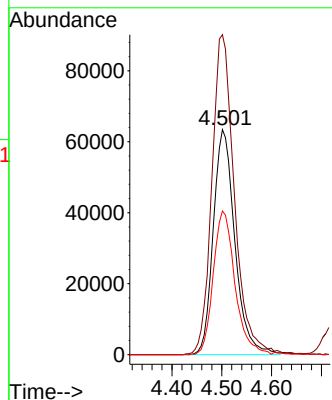
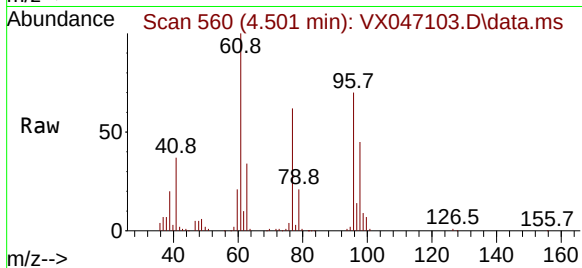
Tgt Ion: 96 Resp: 190924

Ion Ratio Lower Upper

96 100

61 148.1 0.0 298.6

98 64.2 0.0 128.8



#28

Bromochloromethane

Concen: 45.046 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

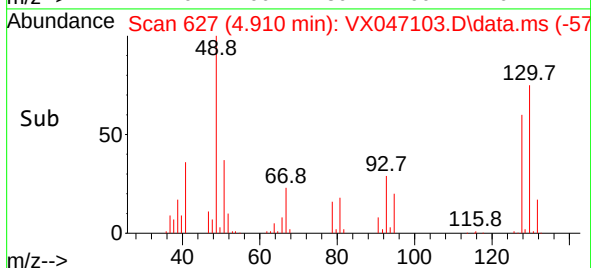
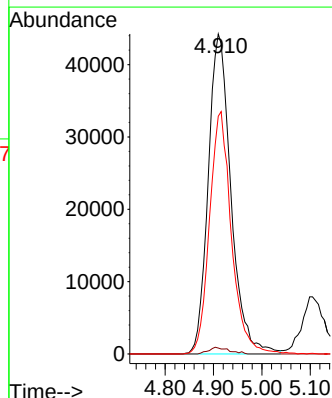
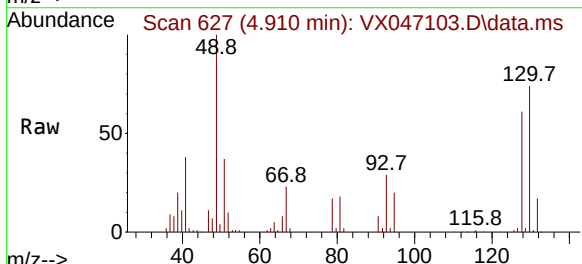
Tgt Ion: 49 Resp: 144747

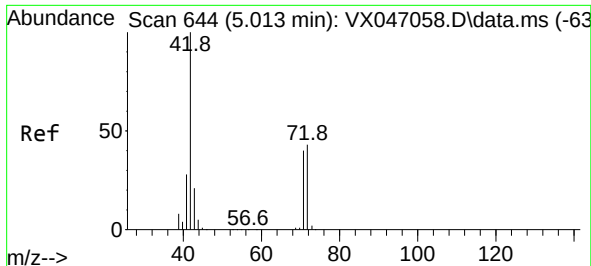
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 73.0 59.0 88.4

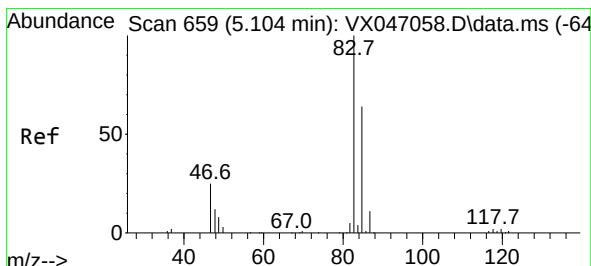
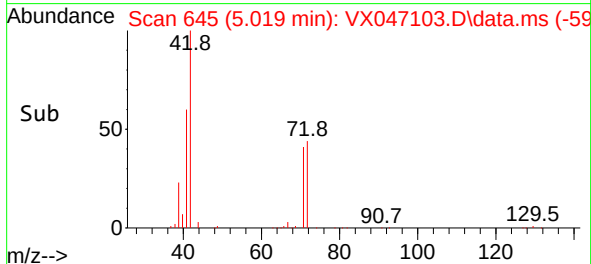
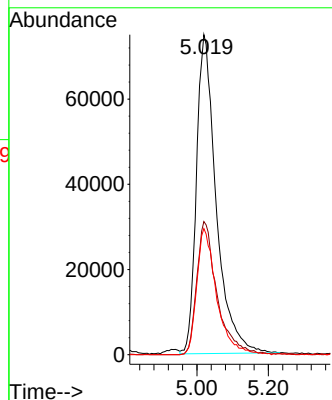
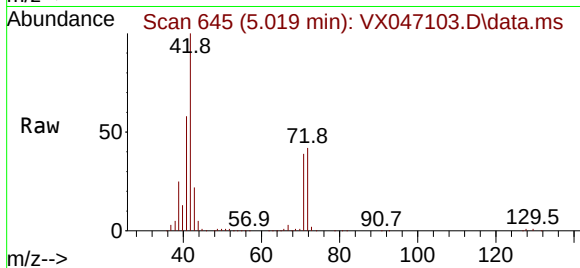




#29
Tetrahydrofuran
Concen: 213.127 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

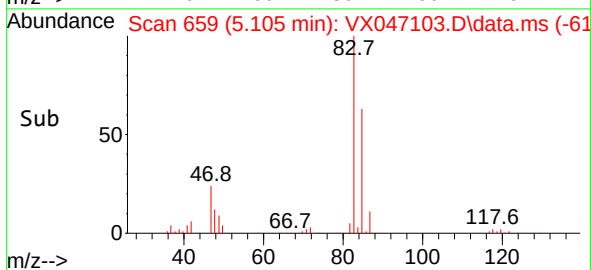
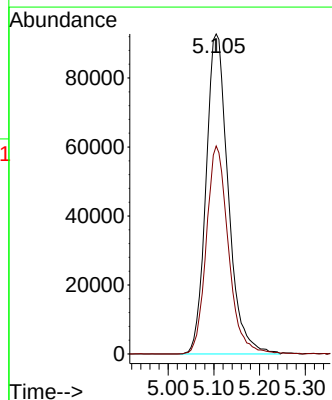
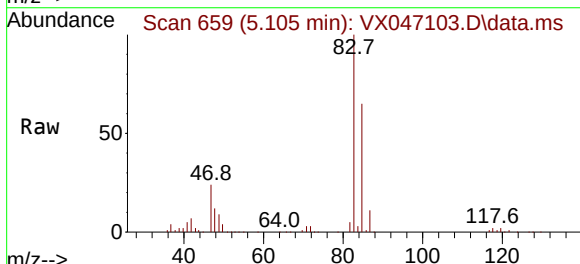
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

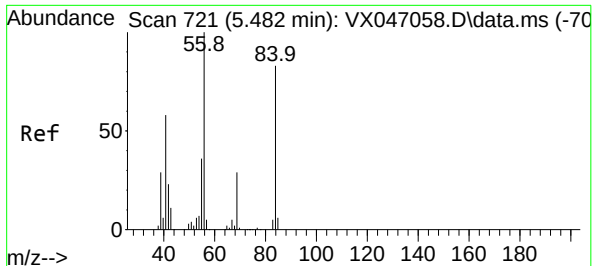
Tgt Ion: 42 Resp: 287356
Ion Ratio Lower Upper
42 100
72 42.6 33.7 50.5
71 39.6 31.0 46.4



#30
Chloroform
Concen: 44.011 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 83 Resp: 312908
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3

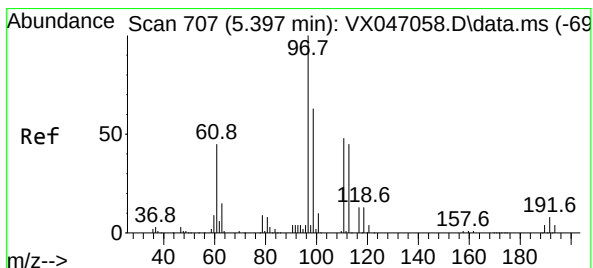
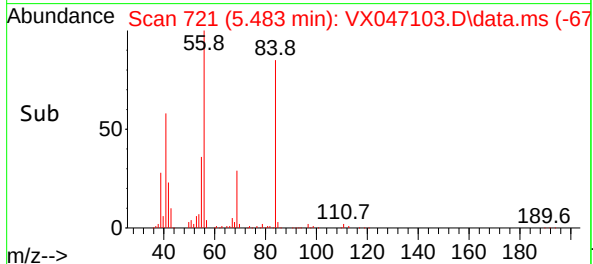
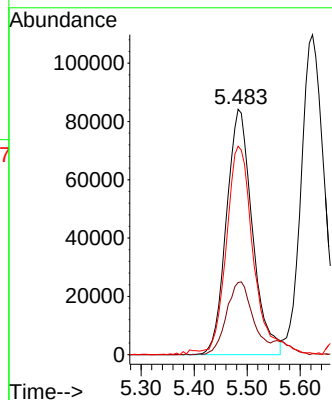
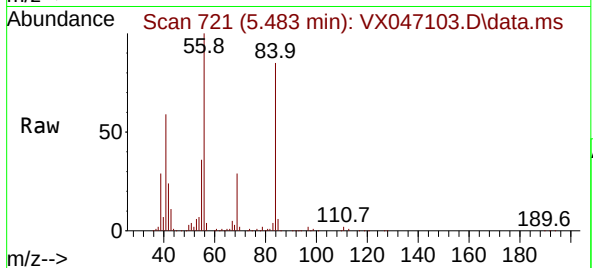




#31
Cyclohexane
Concen: 42.737 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

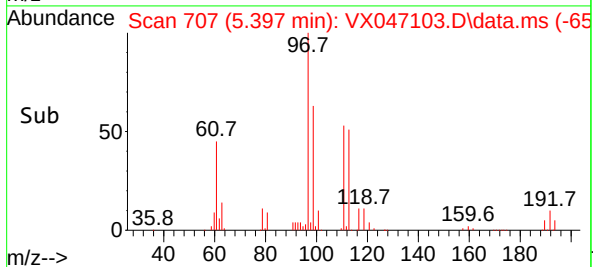
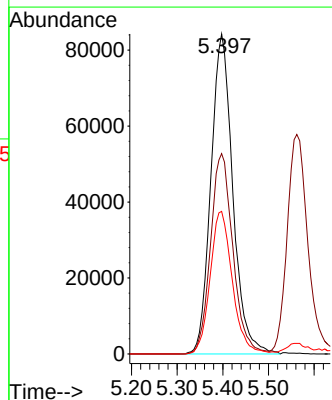
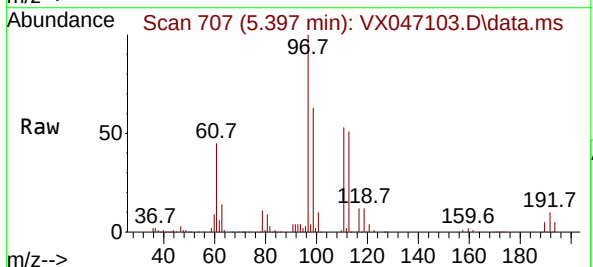
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

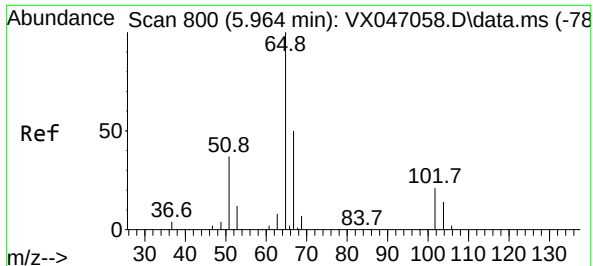
Tgt Ion: 56 Resp: 286215
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 84.9 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 45.470 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 97 Resp: 280797
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 45.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 46.463 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

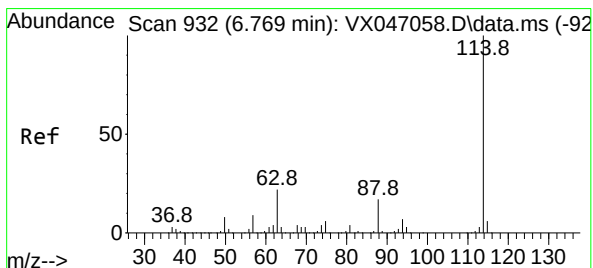
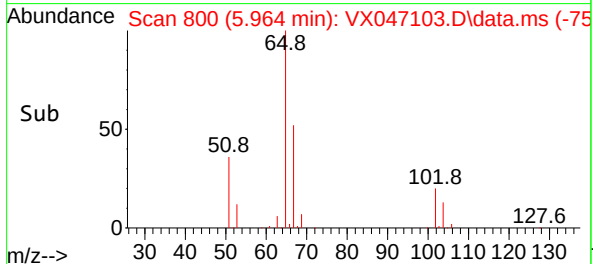
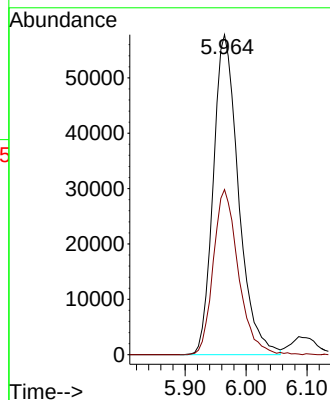
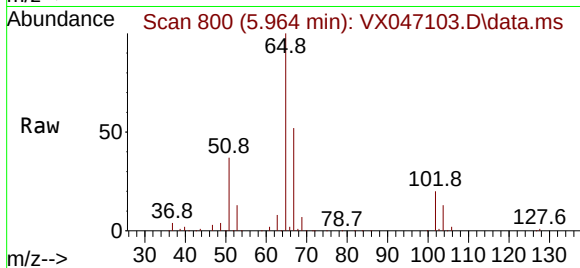
VSTDCCC050EC

Tgt Ion: 65 Resp: 166450

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

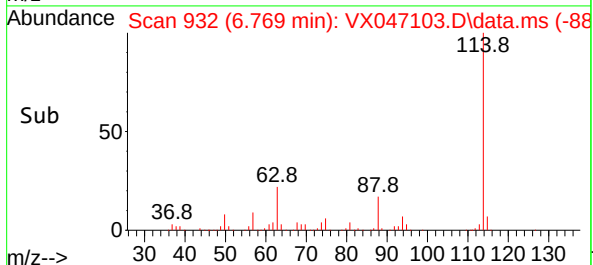
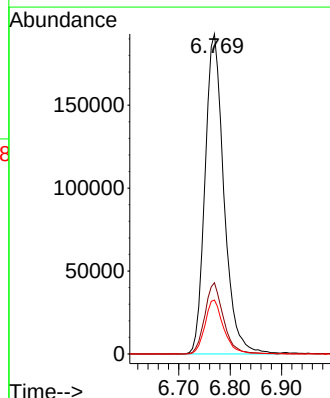
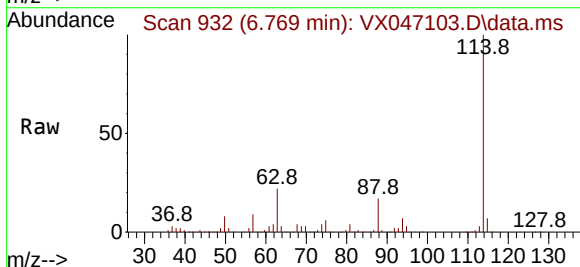
Tgt Ion: 114 Resp: 493232

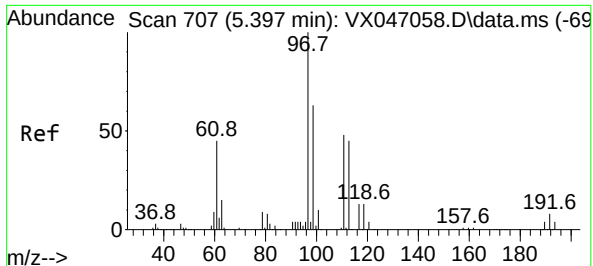
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.589 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

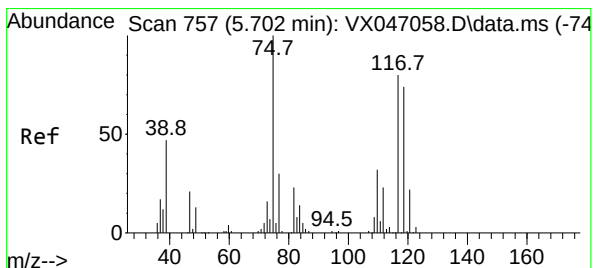
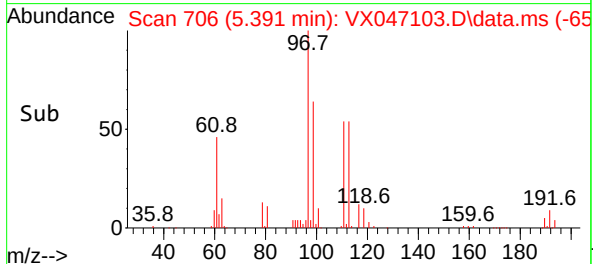
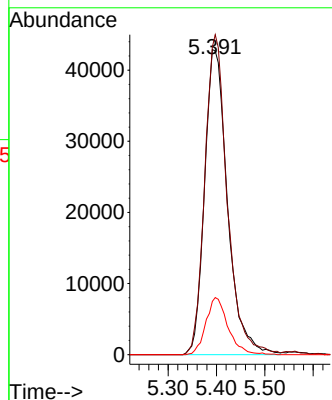
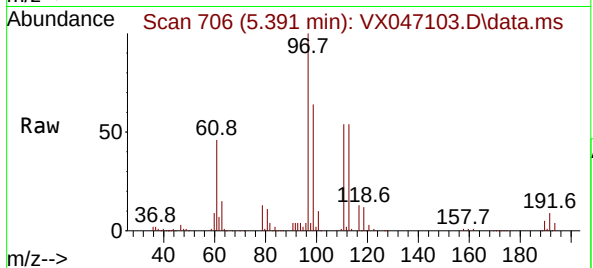
Tgt Ion:113 Resp: 141881

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 18.1 14.9 22.3



#36

1,1-Dichloropropene

Concen: 42.875 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

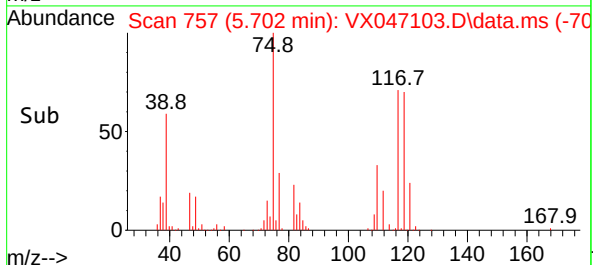
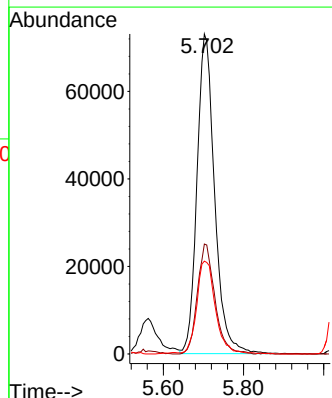
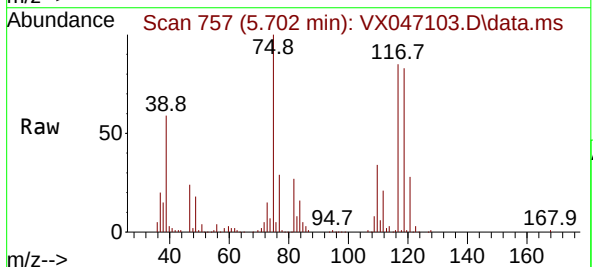
Tgt Ion: 75 Resp: 222571

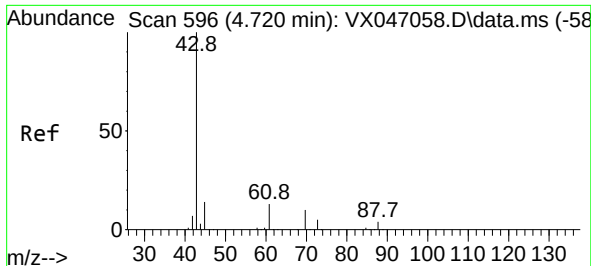
Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 30.1 25.1 37.7

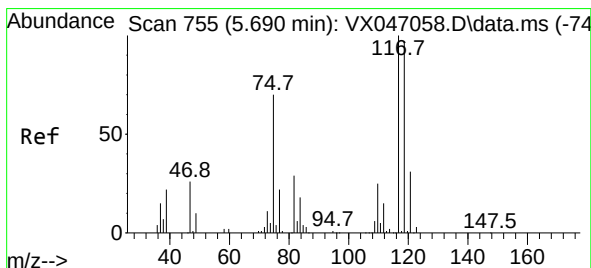
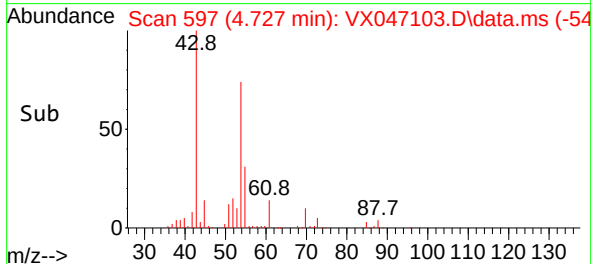
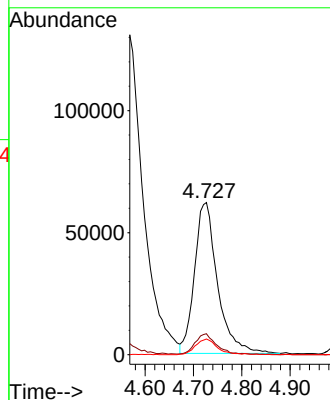
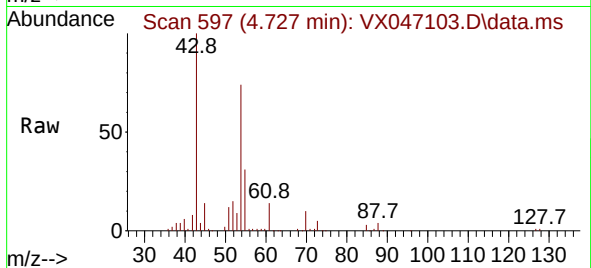




#37
Ethyl Acetate
Concen: 42.597 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

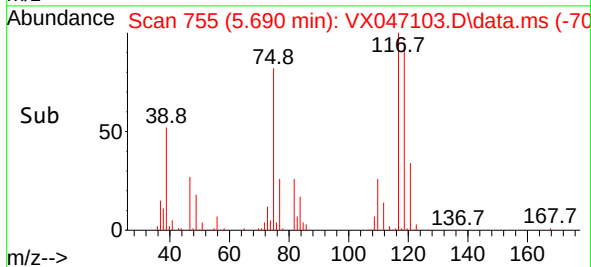
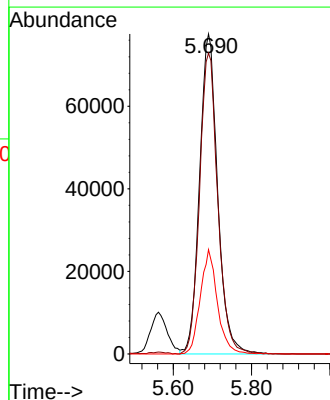
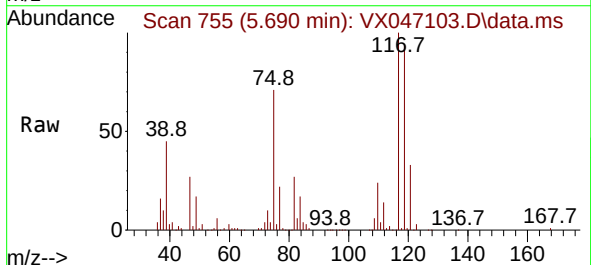
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

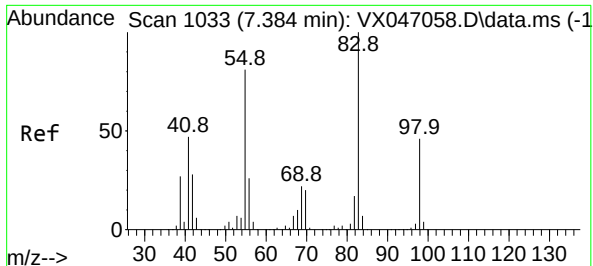
Tgt Ion: 43 Resp: 203758
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 44.909 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 117 Resp: 248821
Ion Ratio Lower Upper
117 100
119 94.0 76.6 115.0
121 32.6 24.4 36.6





#39

Methylcyclohexane

Concen: 42.609 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

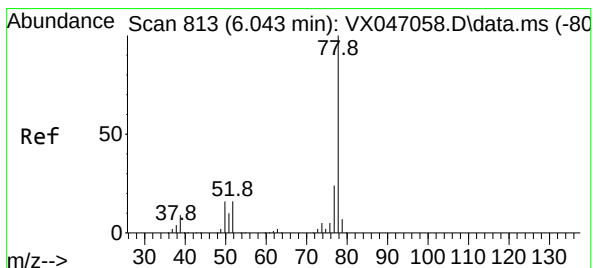
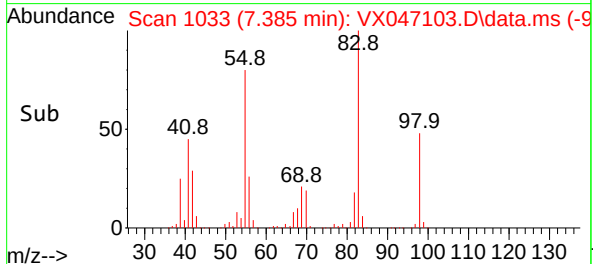
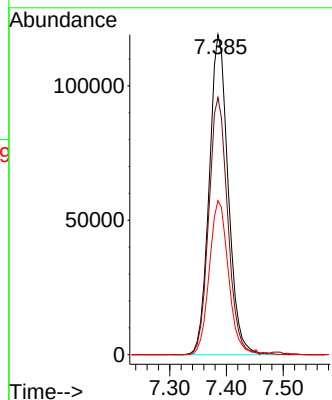
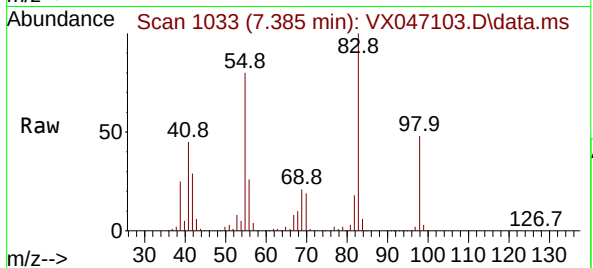
Tgt Ion: 83 Resp: 276164

Ion Ratio Lower Upper

83 100

55 80.3 64.5 96.7

98 48.2 36.9 55.3



#40

Benzene

Concen: 44.238 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.007 min

Lab File: VX047103.D

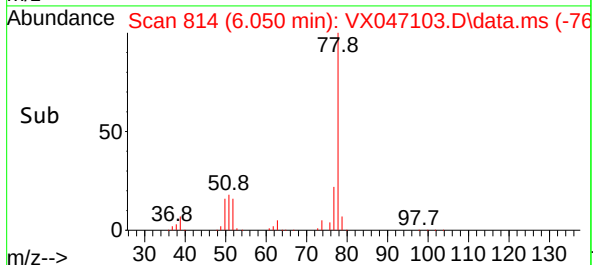
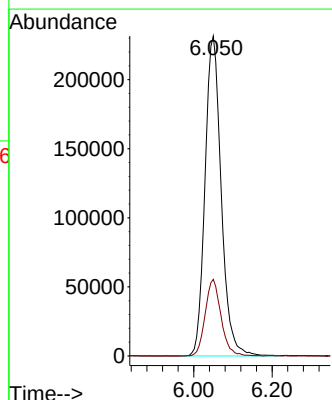
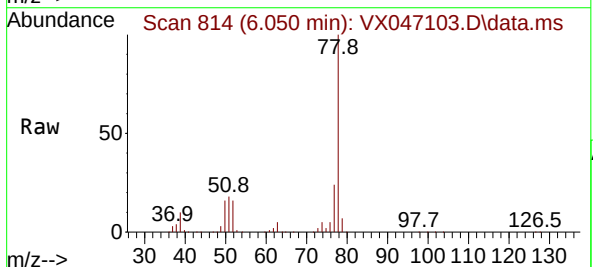
Acq: 23 Jul 2025 19:21

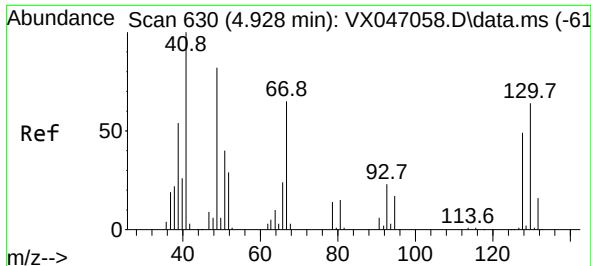
Tgt Ion: 78 Resp: 664591

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

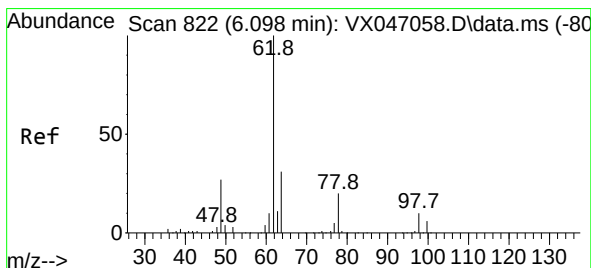
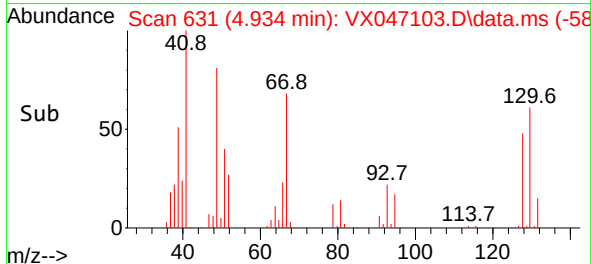
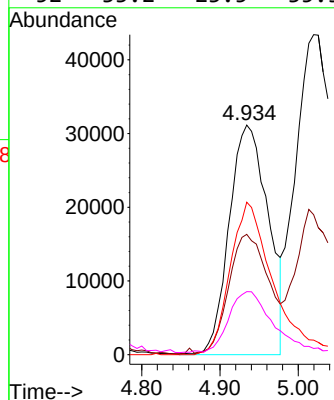
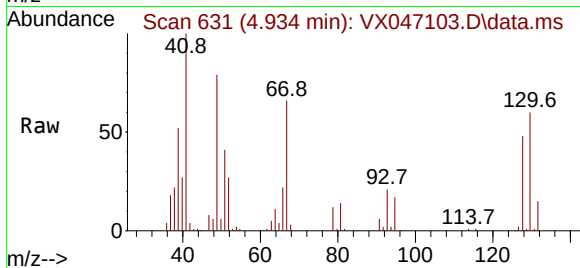




#41
Methacrylonitrile
Concen: 43.208 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

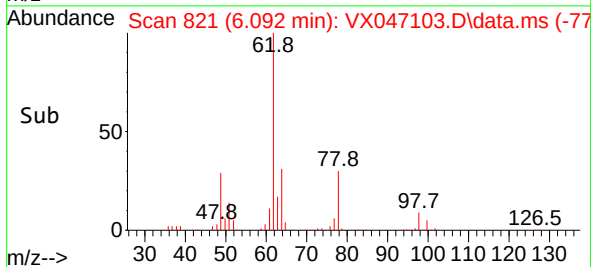
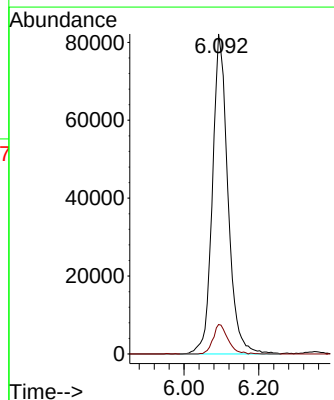
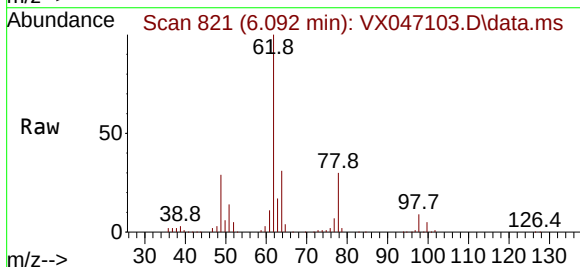
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

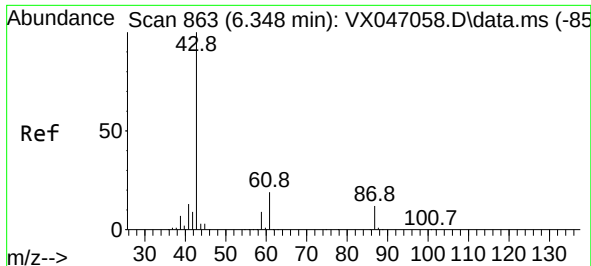
Tgt Ion: 41 Resp: 108066
Ion Ratio Lower Upper
41 100
39 52.2 44.2 66.2
67 73.9 56.4 84.6
52 33.2 23.5 35.3



#42
1,2-Dichloroethane
Concen: 44.686 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 62 Resp: 236480
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.8

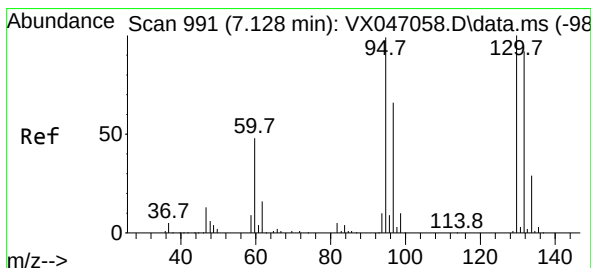
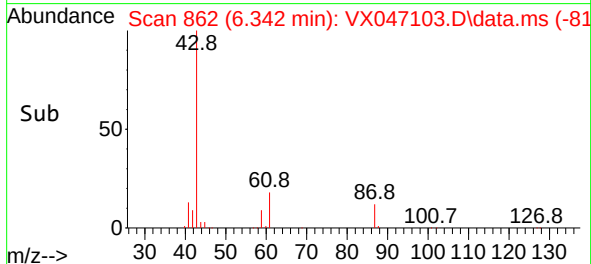
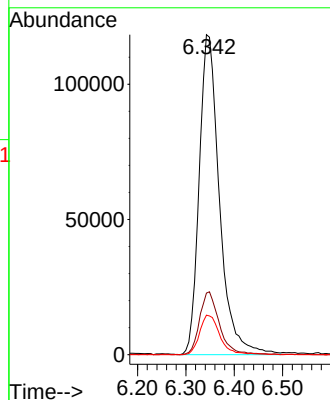
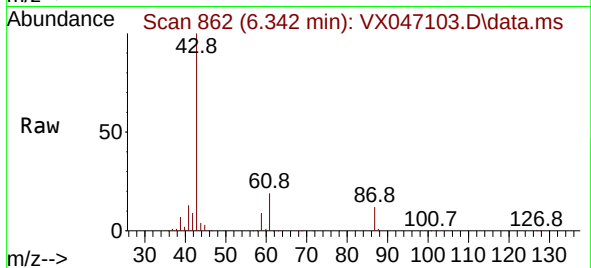




#43
Isopropyl Acetate
Concen: 46.305 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

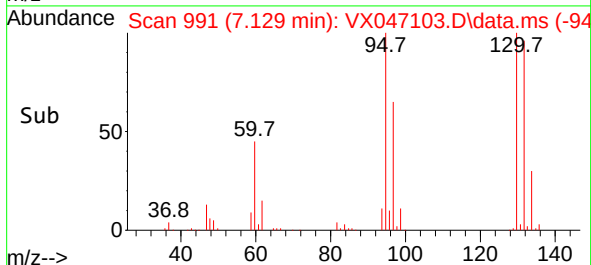
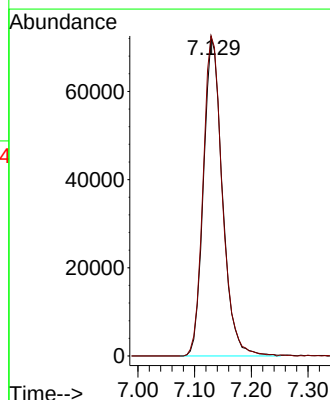
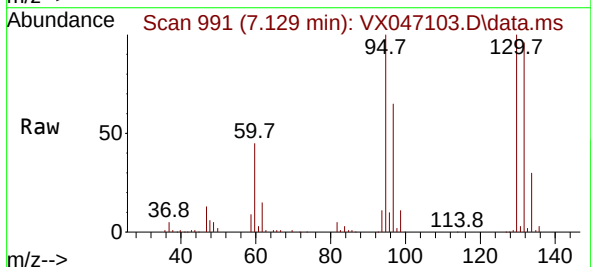
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

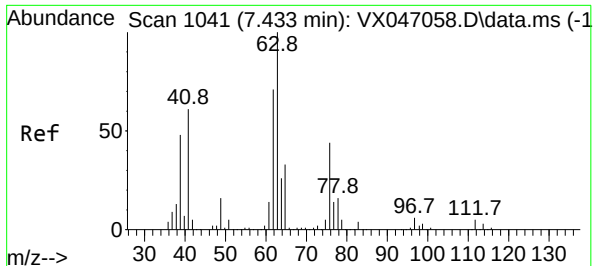
Tgt Ion: 43 Resp: 345302
Ion Ratio Lower Upper
43 100
61 19.2 15.1 22.7
87 12.4 9.7 14.5



#44
Trichloroethene
Concen: 43.527 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:130 Resp: 167685
Ion Ratio Lower Upper
130 100
95 100.2 0.0 198.6





#45

1,2-Dichloropropane

Concen: 44.962 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

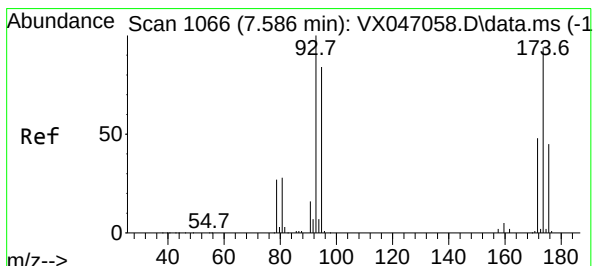
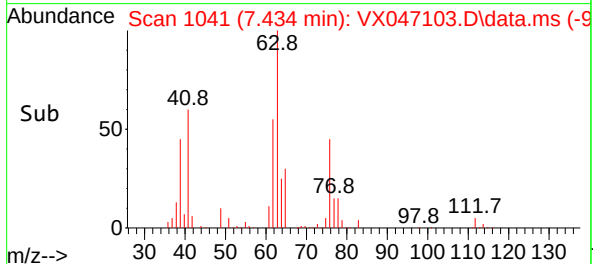
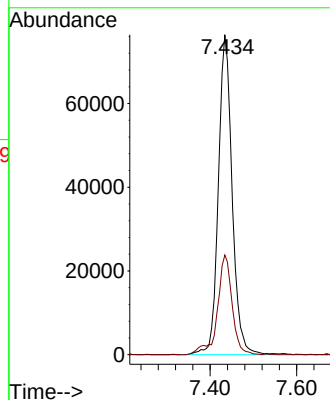
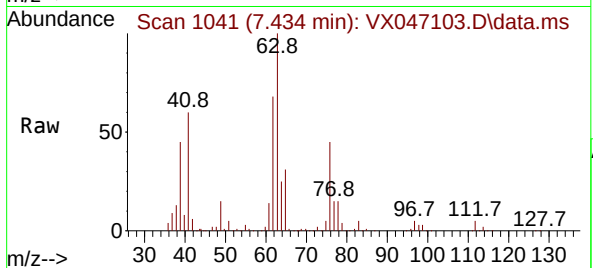
VSTDCCC050EC

Tgt Ion: 63 Resp: 169177

Ion Ratio Lower Upper

63 100

65 31.2 26.3 39.5



#46

Dibromomethane

Concen: 45.233 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

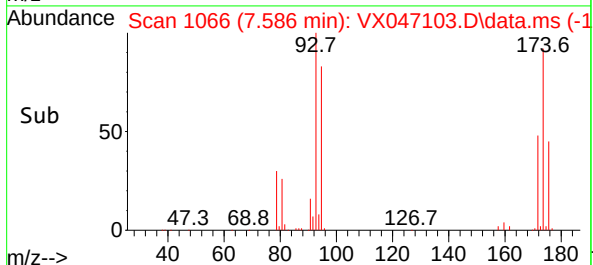
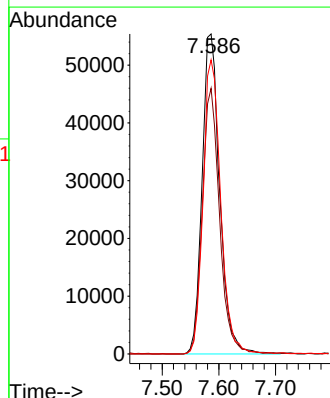
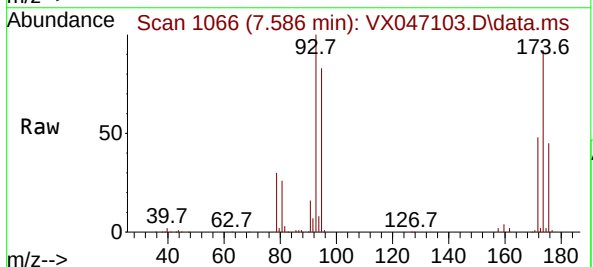
Tgt Ion: 93 Resp: 119350

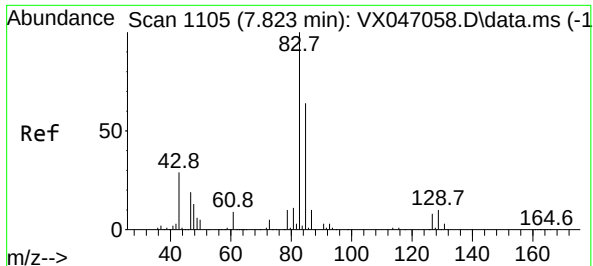
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

174 92.0 74.6 112.0

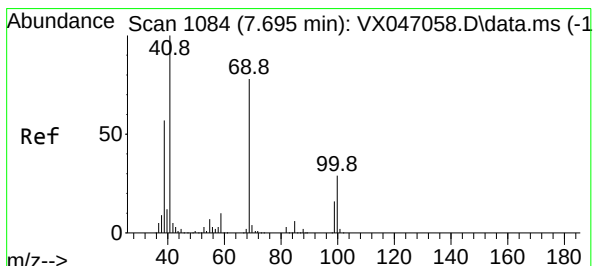
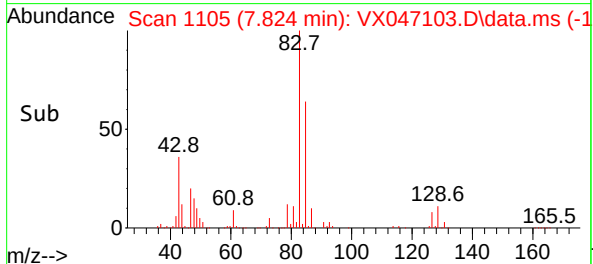
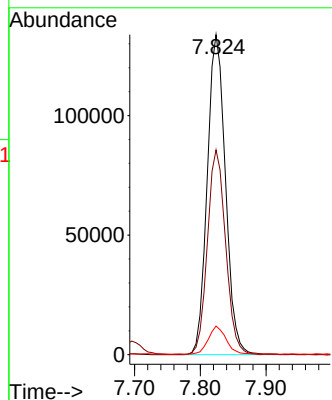
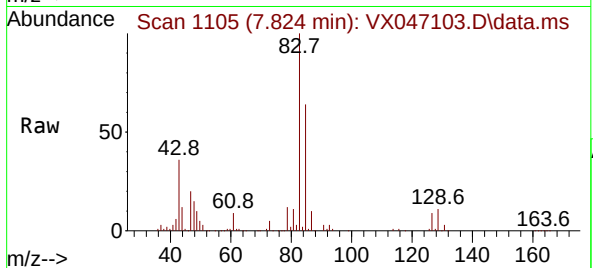




#47
Bromodichloromethane
Concen: 45.943 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

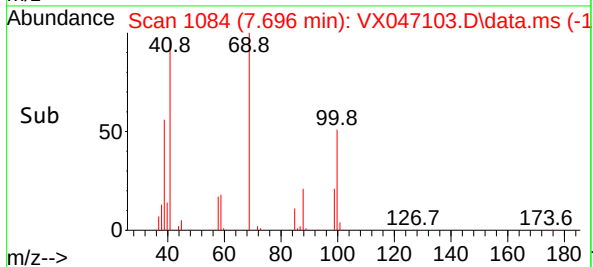
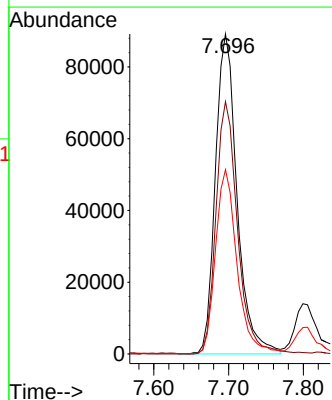
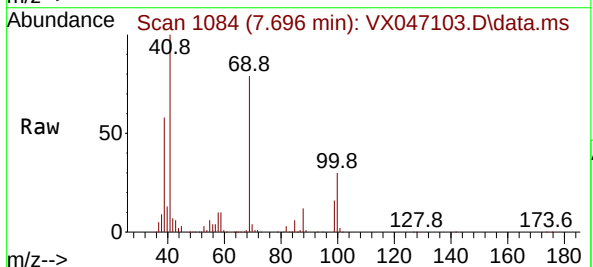
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

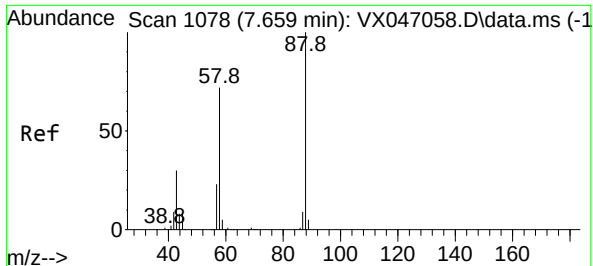
Tgt Ion: 83 Resp: 258028
Ion Ratio Lower Upper
83 100
85 64.0 49.9 74.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 44.237 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 41 Resp: 179710
Ion Ratio Lower Upper
41 100
69 78.6 62.3 93.5
39 57.3 44.8 67.2

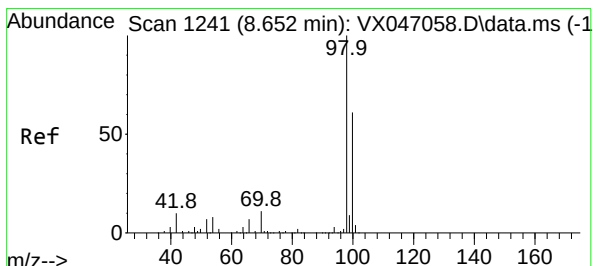
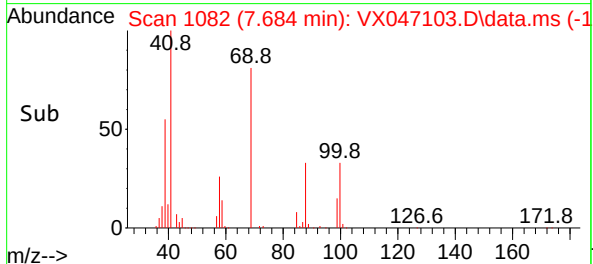
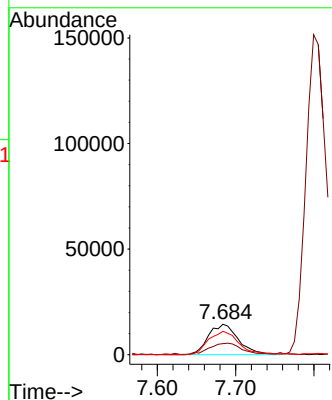
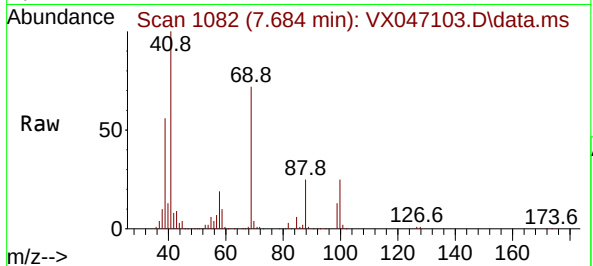




#49
1,4-Dioxane
Concen: 830.352 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

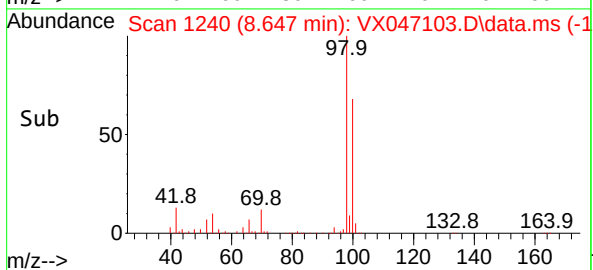
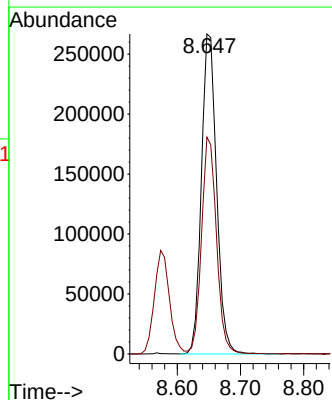
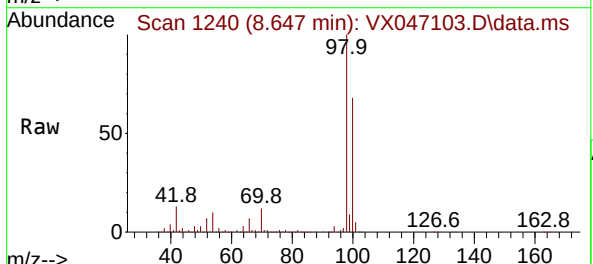
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

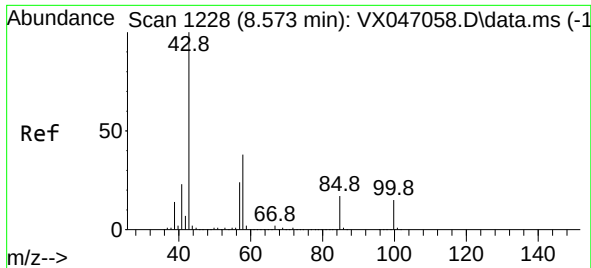
Tgt Ion: 88 Resp: 38366
Ion Ratio Lower Upper
88 100
43 39.5 33.6 50.4
58 77.6 58.8 88.2



#50
Toluene-d8
Concen: 45.217 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 98 Resp: 445947
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9

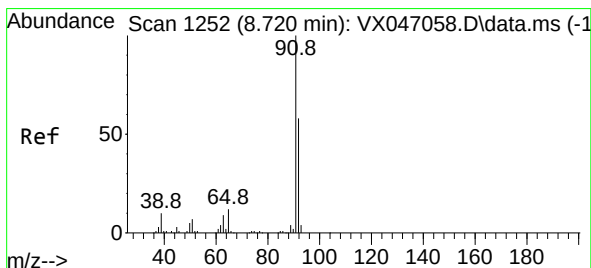
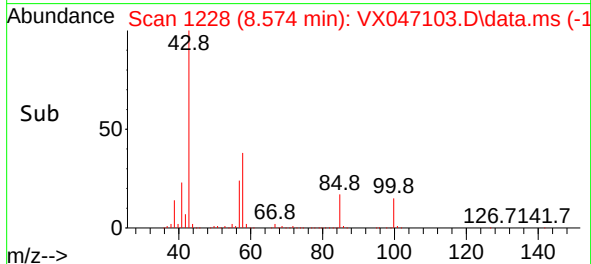
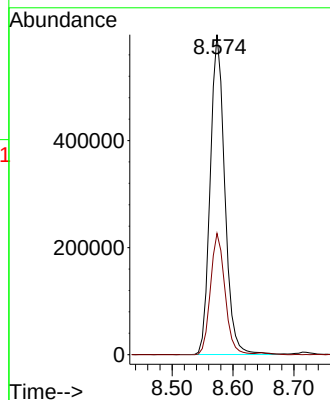
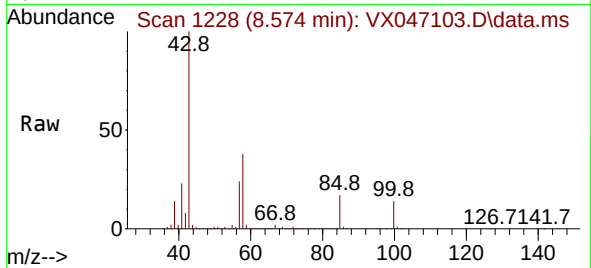




#51
4-Methyl-2-Pentanone
Concen: 223.717 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

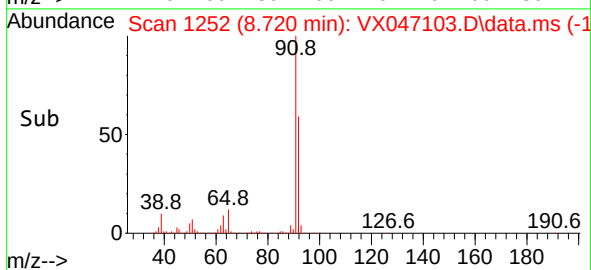
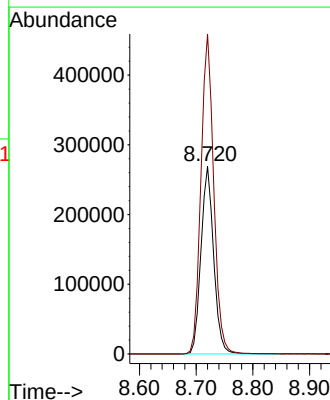
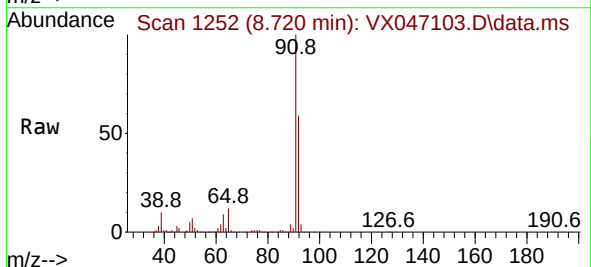
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

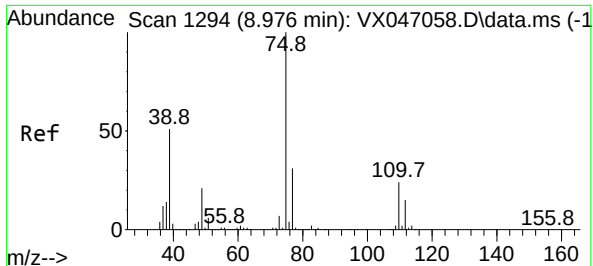
Tgt Ion: 43 Resp: 991610
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8



#52
Toluene
Concen: 45.192 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 92 Resp: 417455
Ion Ratio Lower Upper
92 100
91 172.3 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 45.852 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

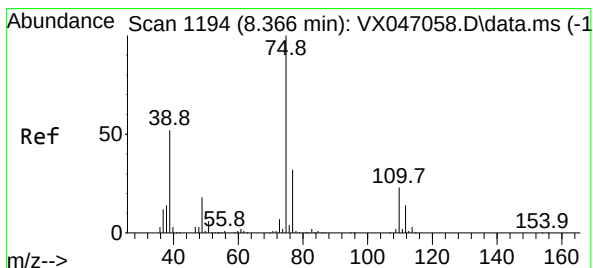
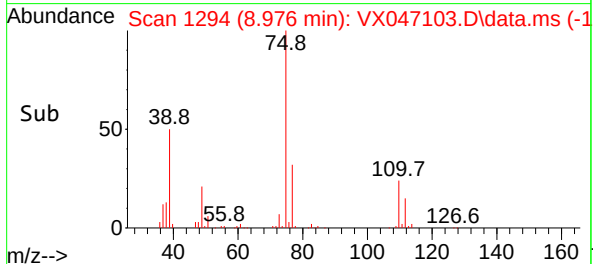
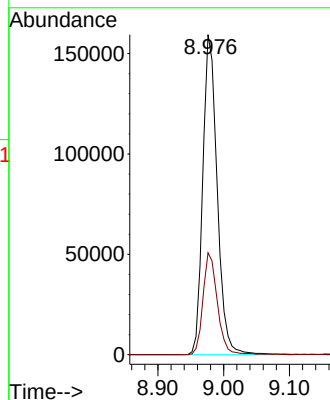
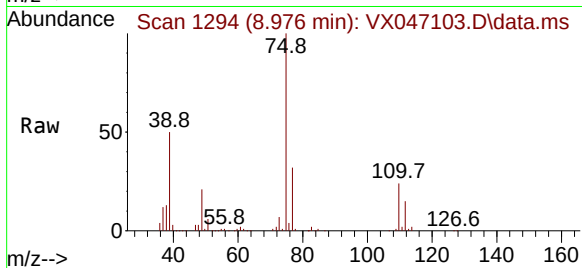
VSTDCCC050EC

Tgt Ion: 75 Resp: 243173

Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 45.464 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

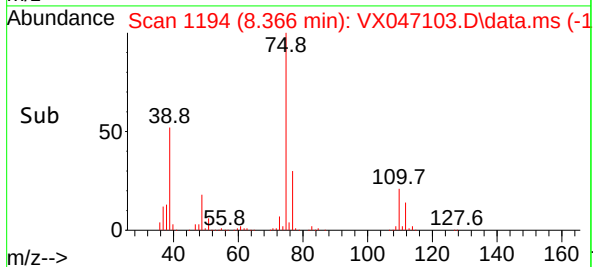
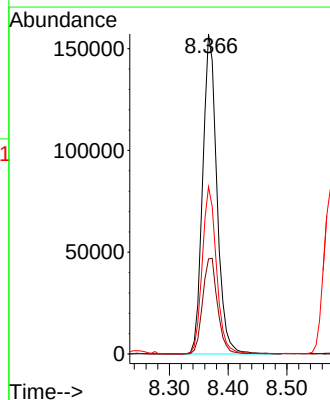
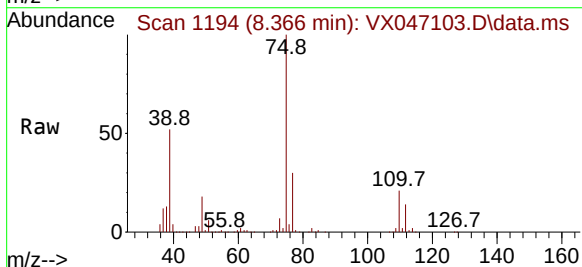
Tgt Ion: 75 Resp: 263899

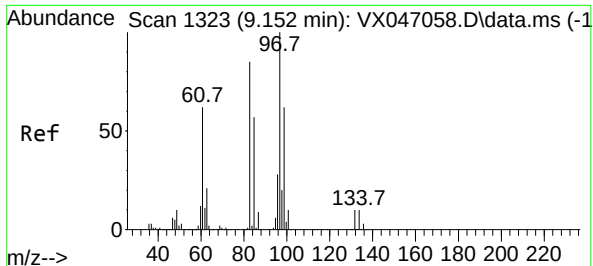
Ion Ratio Lower Upper

75 100

77 29.7 25.4 38.0

39 52.3 41.8 62.6

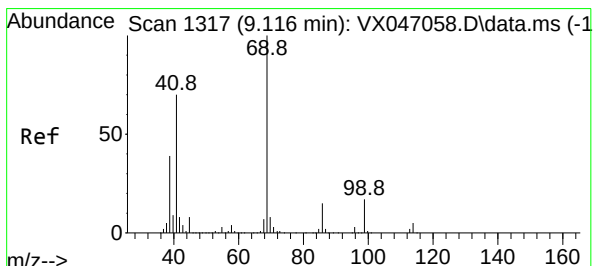
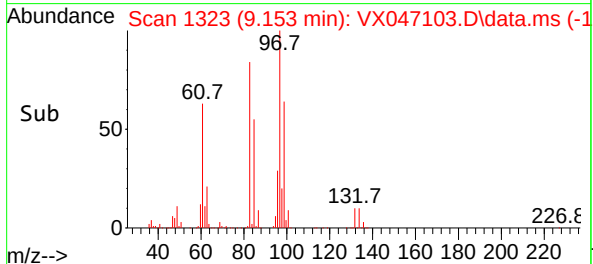
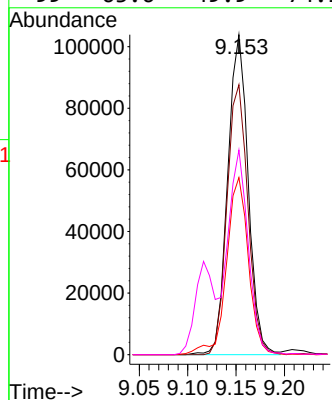
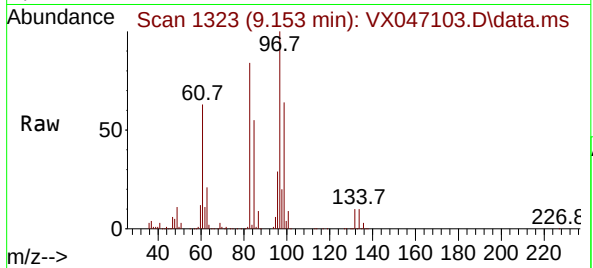




#55
1,1,2-Trichloroethane
Concen: 44.287 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

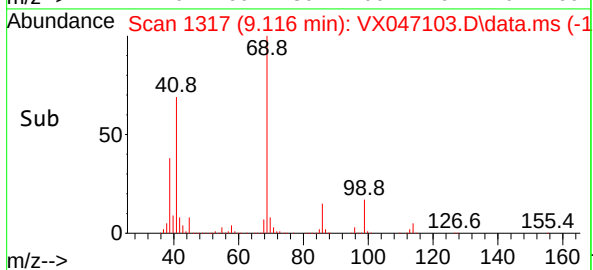
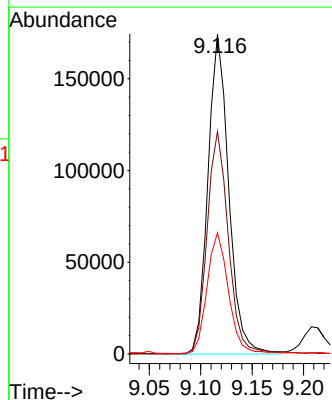
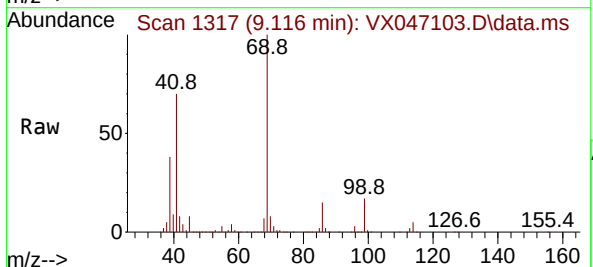
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

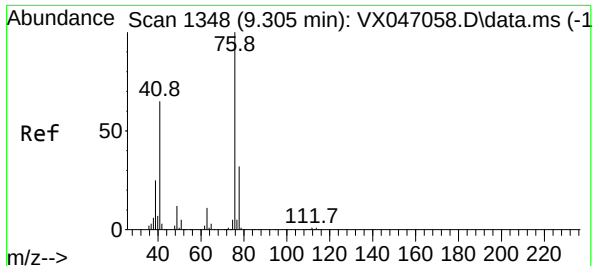
Tgt Ion:	97	Resp:	153422
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.0	102.0
85	55.2	45.2	67.8
99	63.6	49.9	74.9



#56
Ethyl methacrylate
Concen: 47.861 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:	69	Resp:	245458
Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.1	84.1
39	38.8	31.1	46.7





#57

1,3-Dichloropropane

Concen: 44.625 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

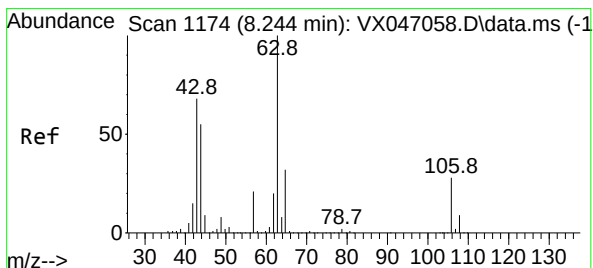
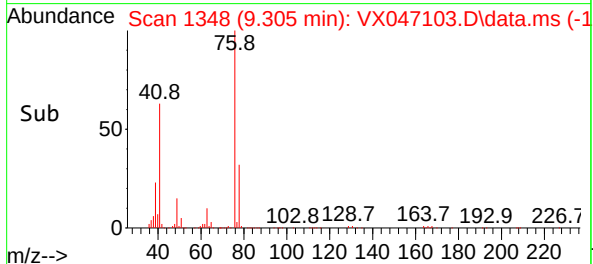
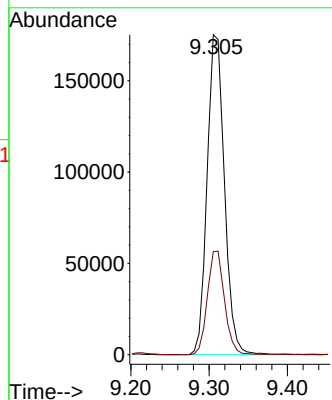
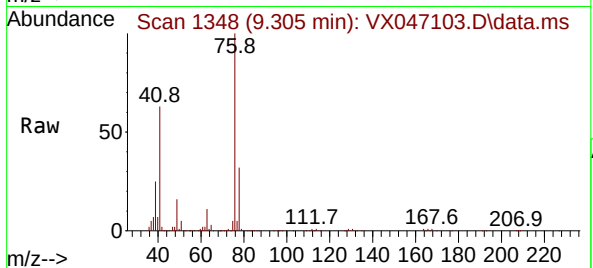
VSTDCCC050EC

Tgt Ion: 76 Resp: 268675

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 44.640 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047103.D

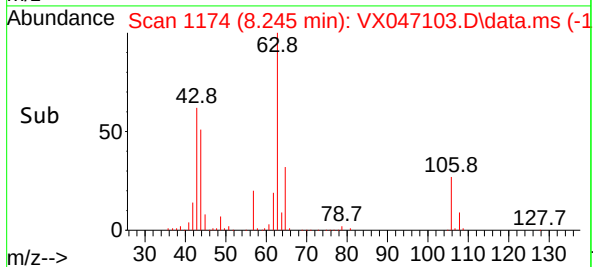
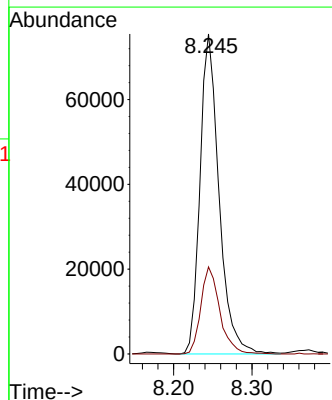
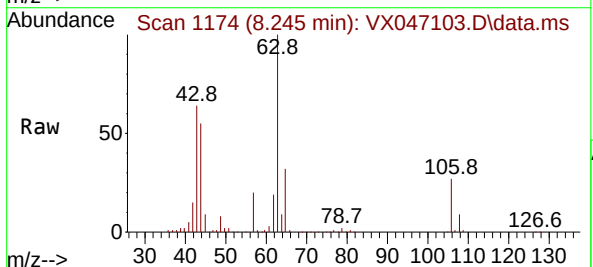
Acq: 23 Jul 2025 19:21

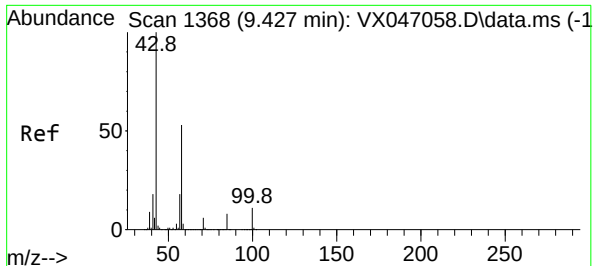
Tgt Ion: 63 Resp: 127398

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.4

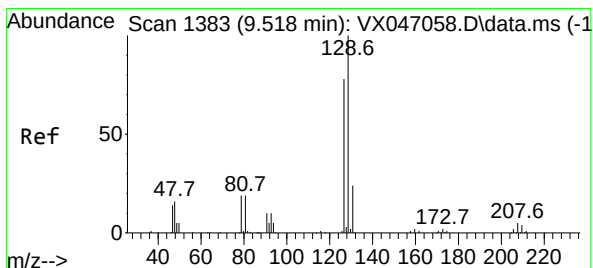
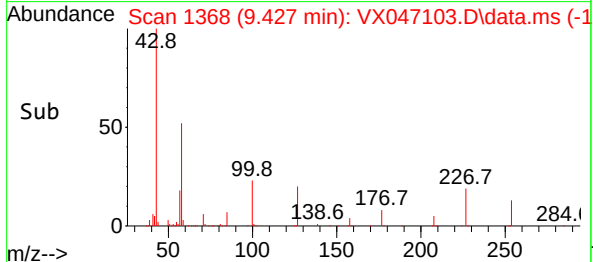
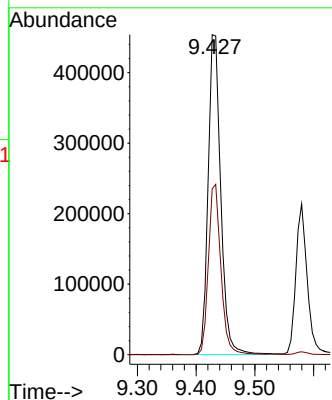
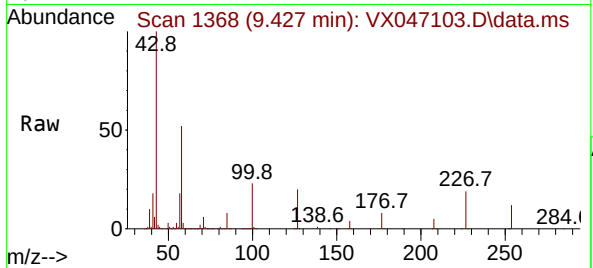




#59
2-Hexanone
Concen: 231.350 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

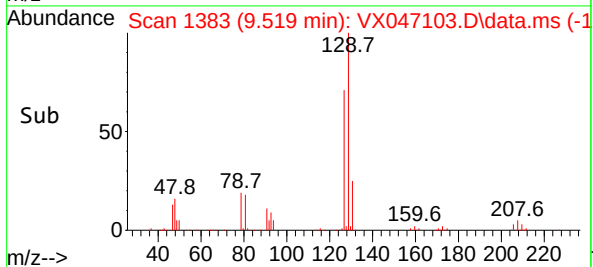
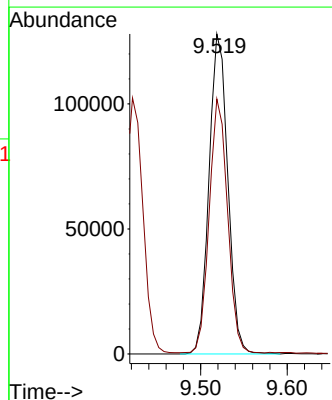
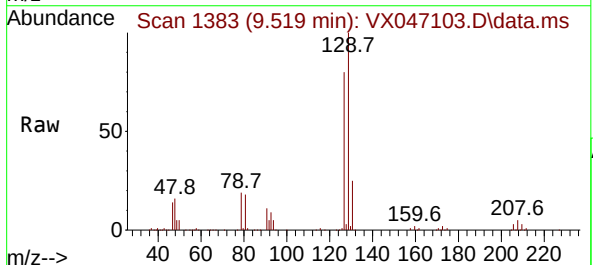
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

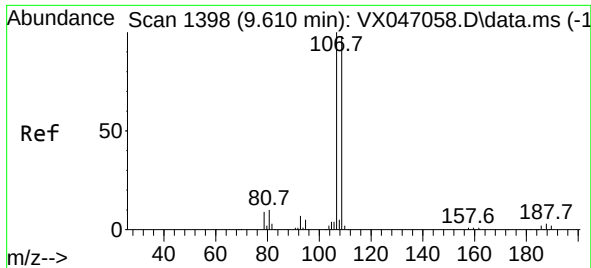
Tgt Ion: 43 Resp: 677491
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.5



#60
Dibromochloromethane
Concen: 47.452 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 129 Resp: 192797
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8

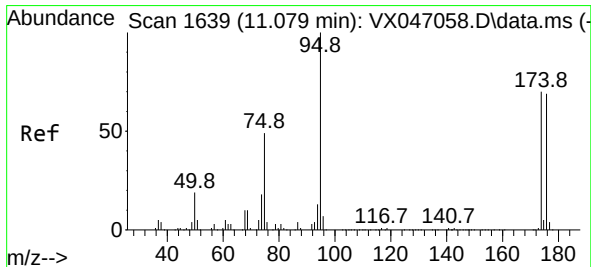
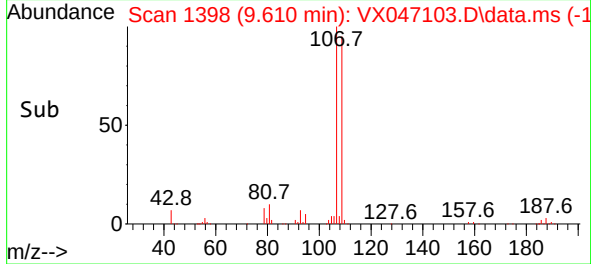
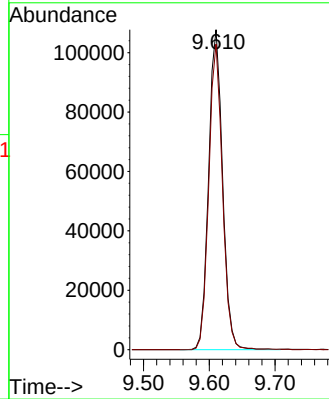
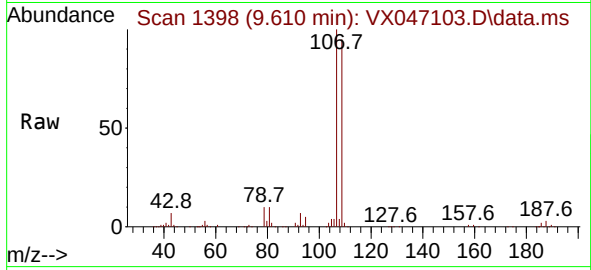




#61
1,2-Dibromoethane
Concen: 43.925 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

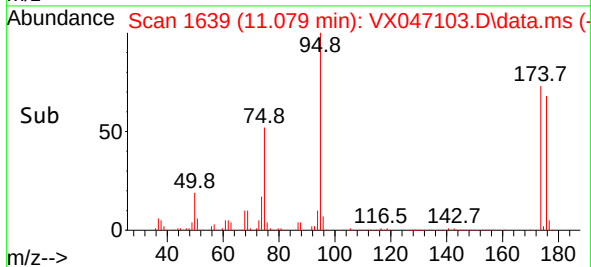
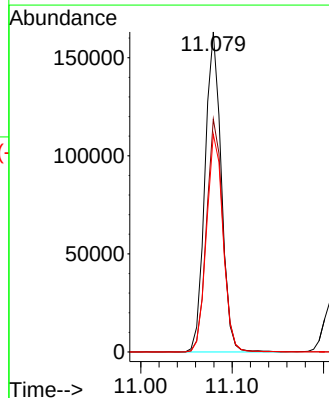
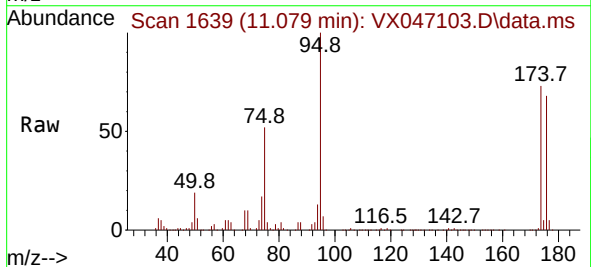
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

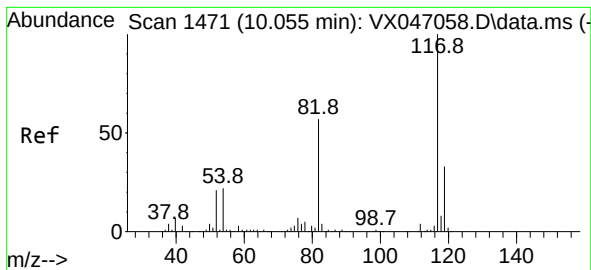
Tgt Ion:107 Resp: 159113
Ion Ratio Lower Upper
107 100
109 93.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 47.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 95 Resp: 201239
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 69.3 0.0 139.6

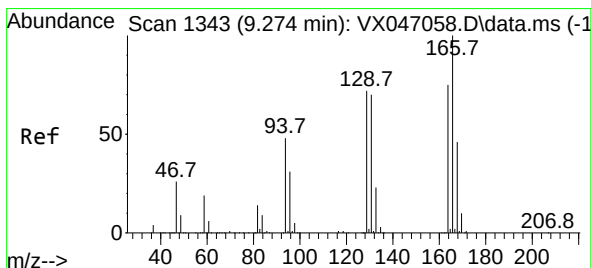
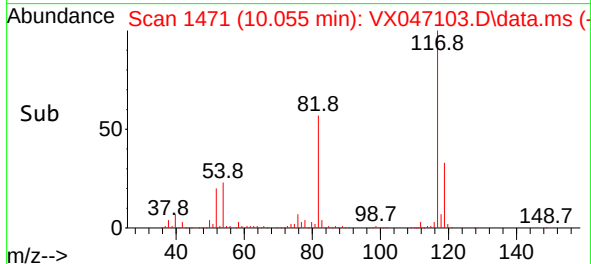
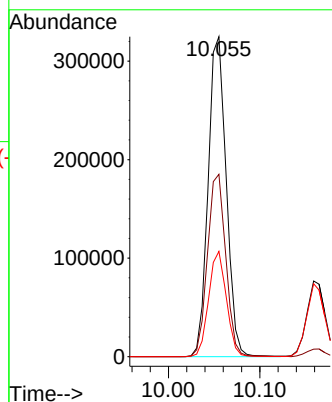
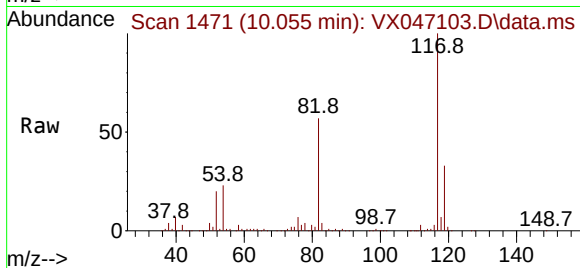




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

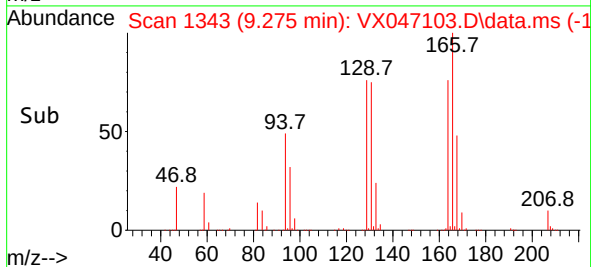
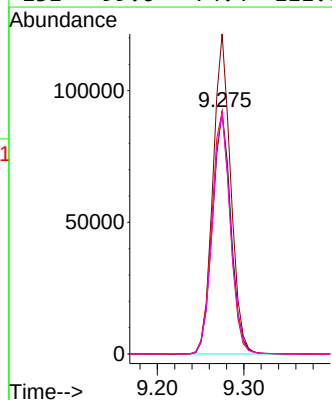
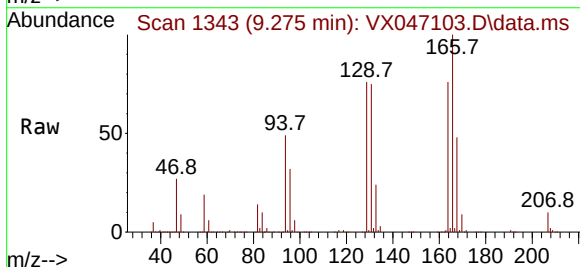
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

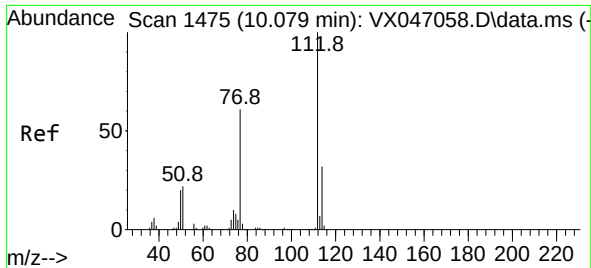
Tgt Ion:117 Resp: 445621
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 32.9 26.1 39.1



#64
Tetrachloroethene
Concen: 42.182 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:164 Resp: 135506
Ion Ratio Lower Upper
164 100
166 132.2 106.2 159.4
129 100.2 76.6 114.8
131 99.6 74.4 111.6

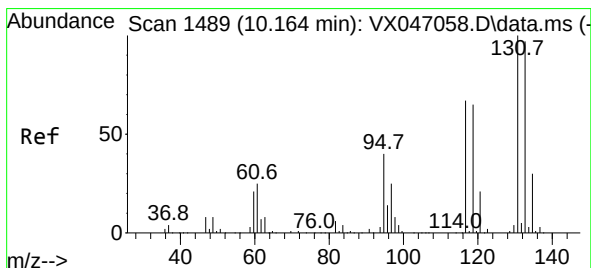
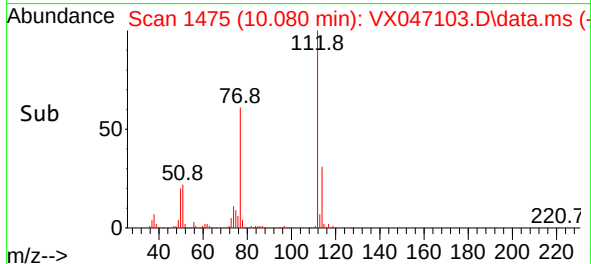
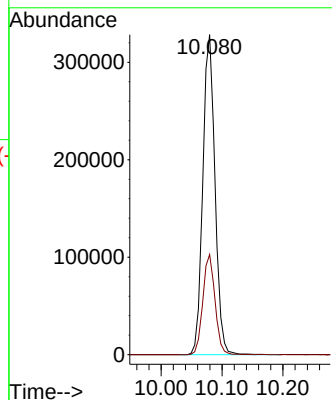
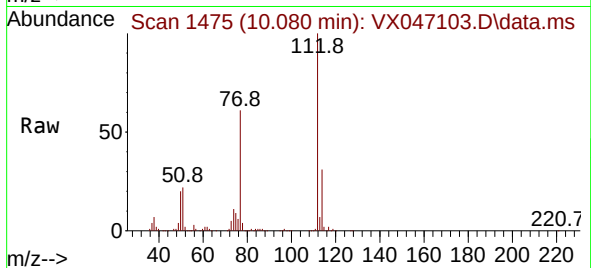




#65
Chlorobenzene
Concen: 43.767 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

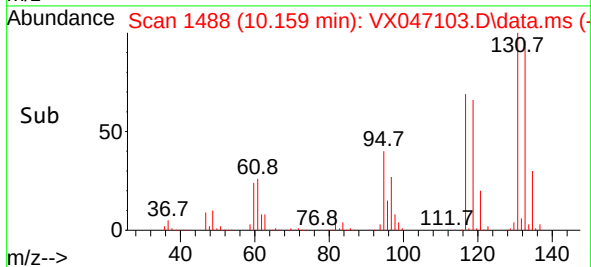
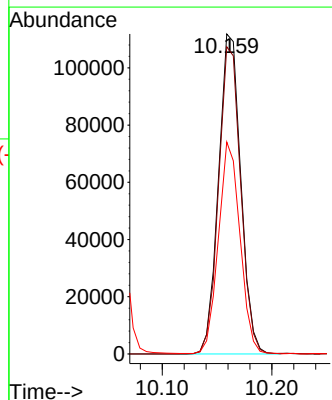
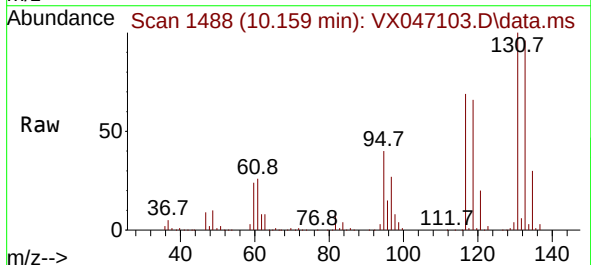
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

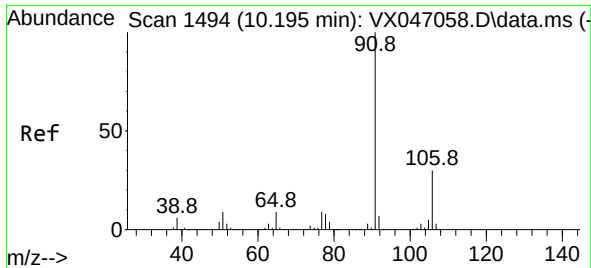
Tgt Ion:112 Resp: 456900
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:131 Resp: 158001
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.3
119 64.2 32.4 97.0

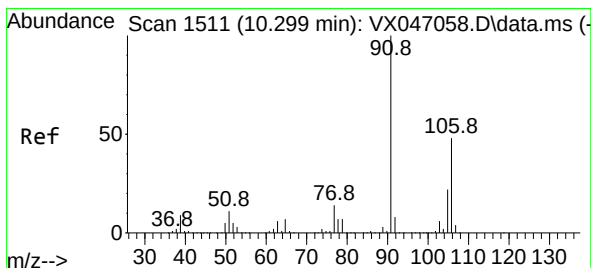
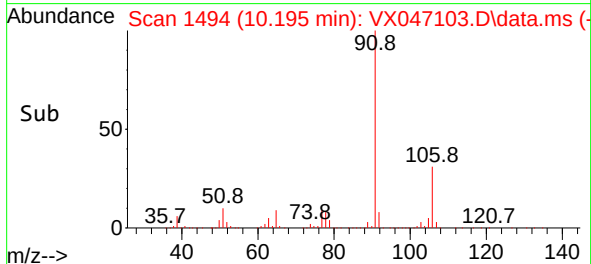
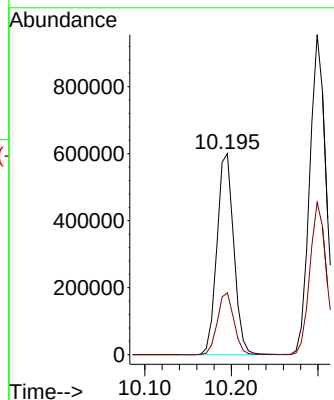
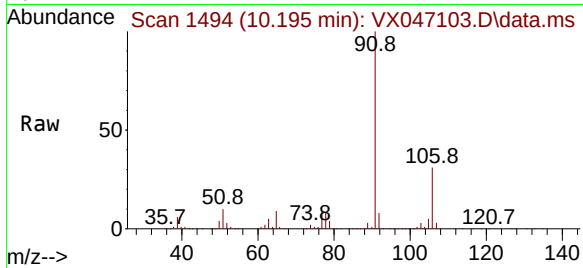




#67
Ethyl Benzene
Concen: 44.376 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

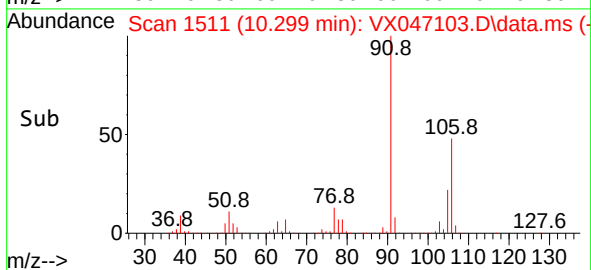
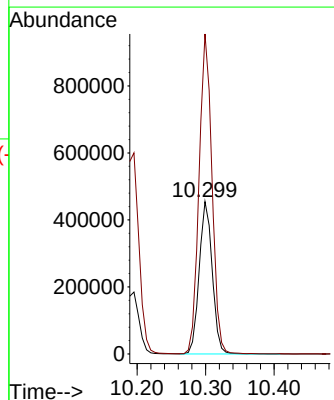
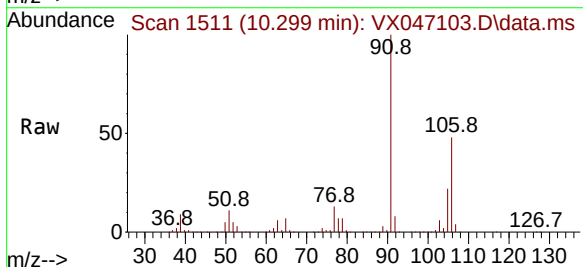
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

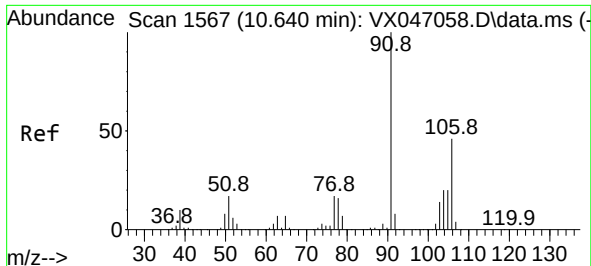
Tgt Ion: 91 Resp: 809994
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 88.173 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 106 Resp: 602274
Ion Ratio Lower Upper
106 100
91 208.5 167.4 251.0

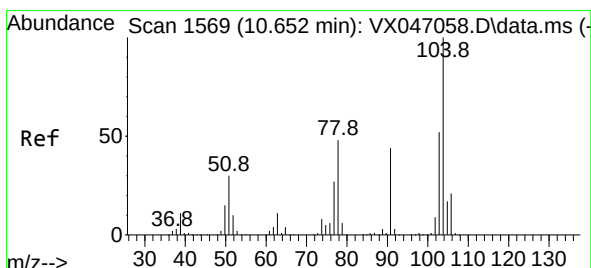
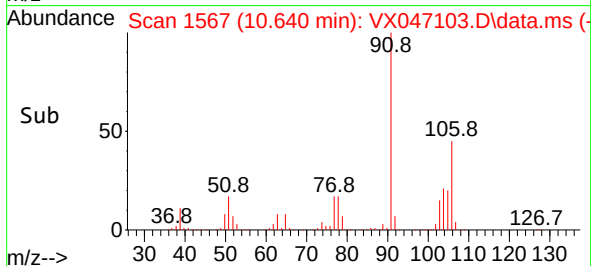
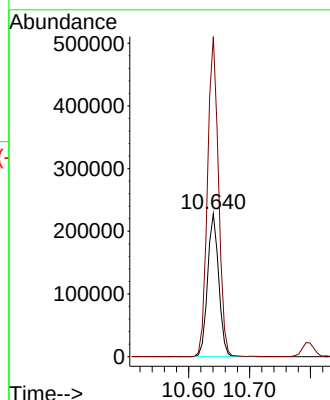
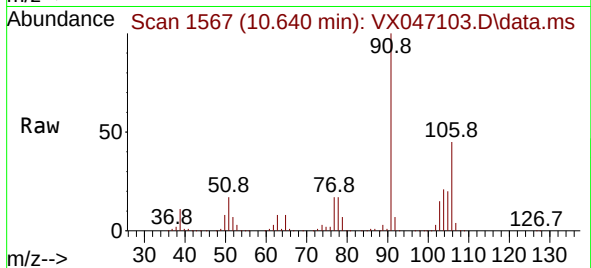




#69
o-Xylene
Concen: 44.362 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

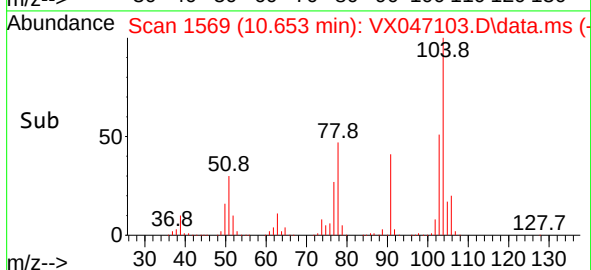
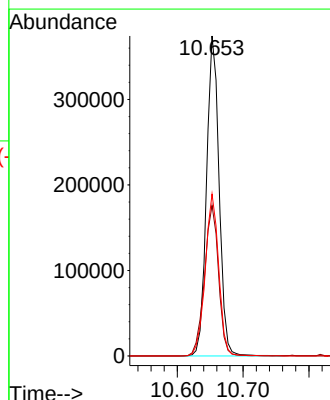
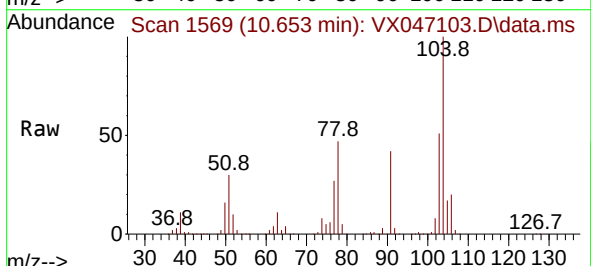
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

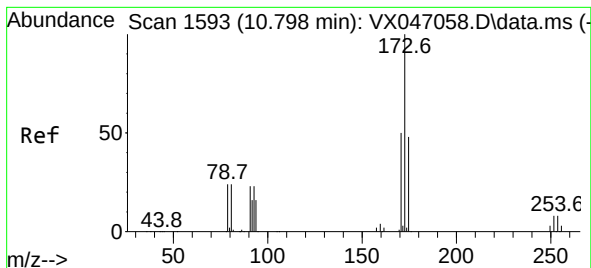
Tgt Ion:106 Resp: 288269
Ion Ratio Lower Upper
106 100
91 221.7 110.3 331.0



#70
Styrene
Concen: 44.675 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:104 Resp: 497794
Ion Ratio Lower Upper
104 100
78 52.9 42.0 63.0
103 54.4 43.8 65.6





#71

Bromoform

Concen: 46.357 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

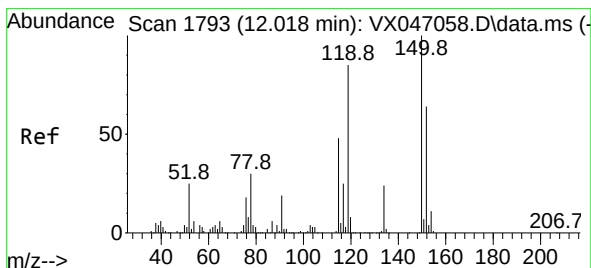
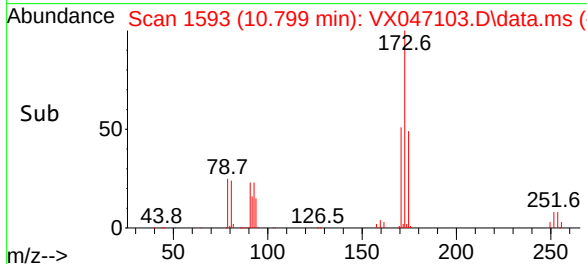
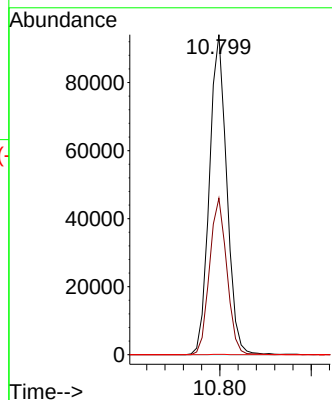
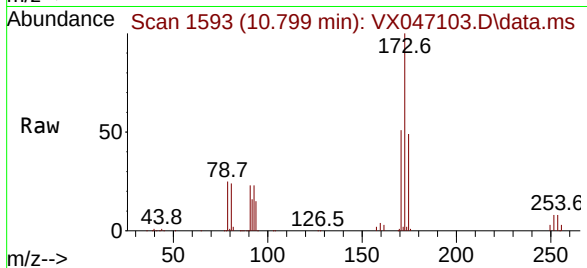
Tgt Ion:173 Resp: 123767

Ion Ratio Lower Upper

173 100

175 48.7 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: VX047103.D

Acq: 23 Jul 2025 19:21

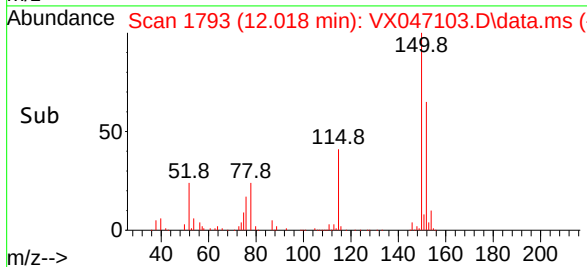
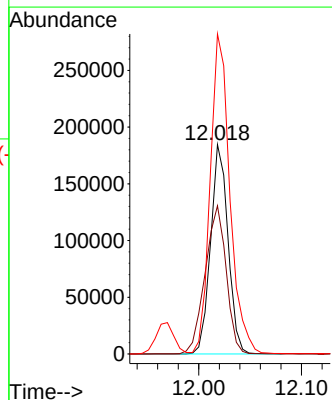
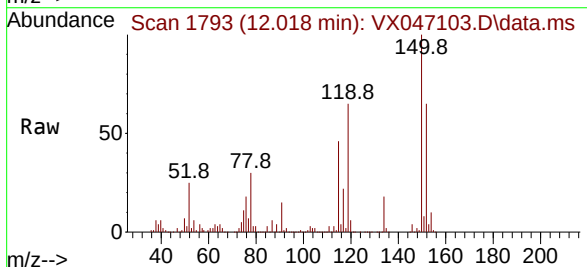
Tgt Ion:152 Resp: 217277

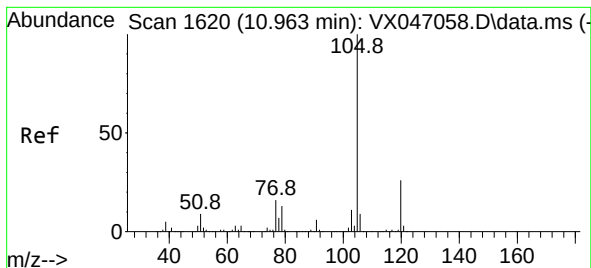
Ion Ratio Lower Upper

152 100

115 85.8 45.6 136.7

150 172.1 0.0 354.6





#73

Isopropylbenzene

Concen: 44.724 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

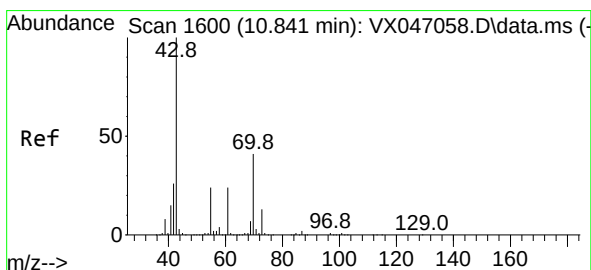
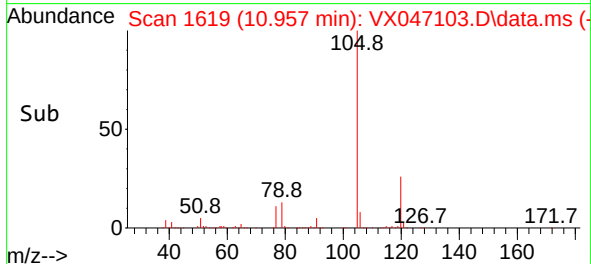
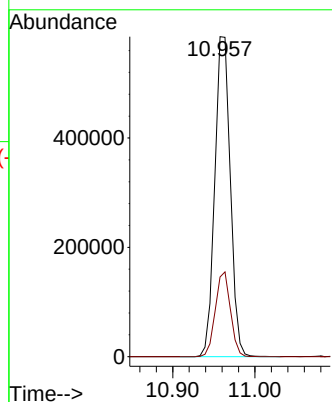
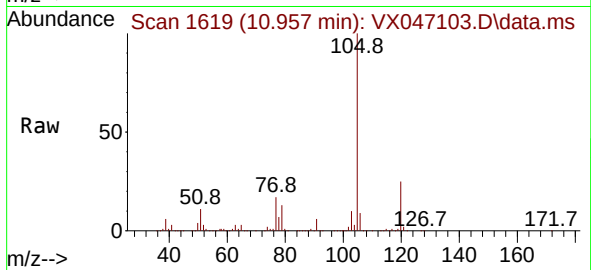
VSTDCCC050EC

Tgt Ion:105 Resp: 766654

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 45.715 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Tgt Ion: 43 Resp: 316182

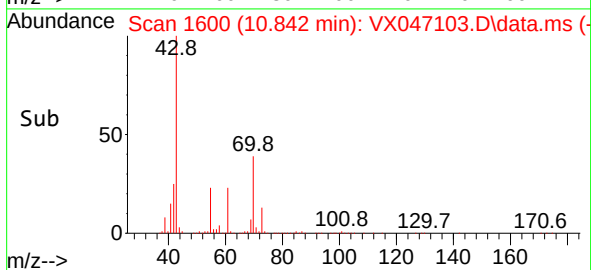
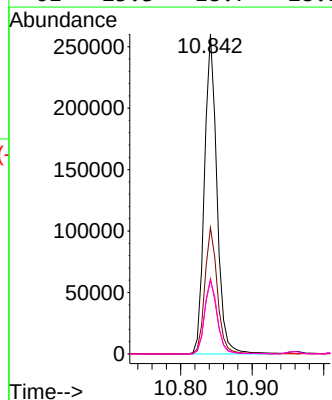
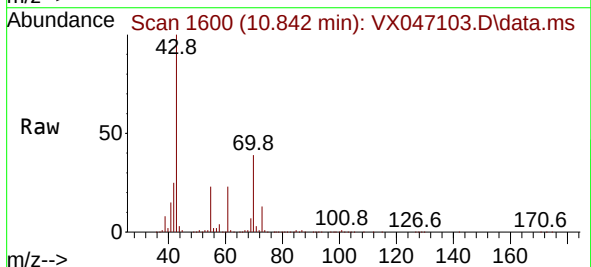
Ion Ratio Lower Upper

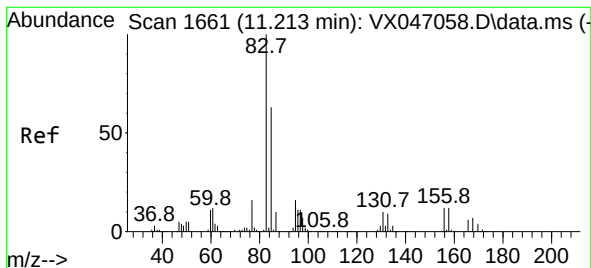
43 100

70 39.7 32.3 48.5

55 23.6 18.9 28.3

61 23.3 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 43.750 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

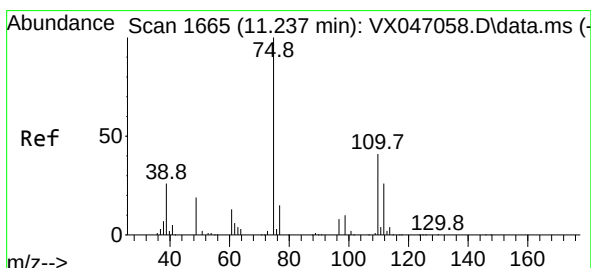
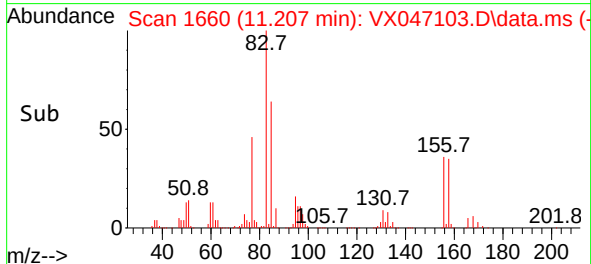
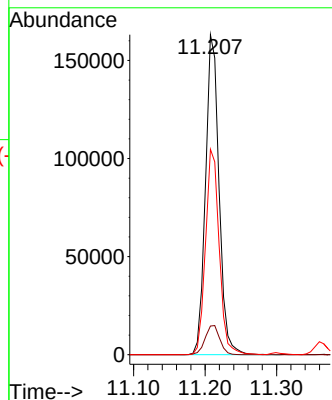
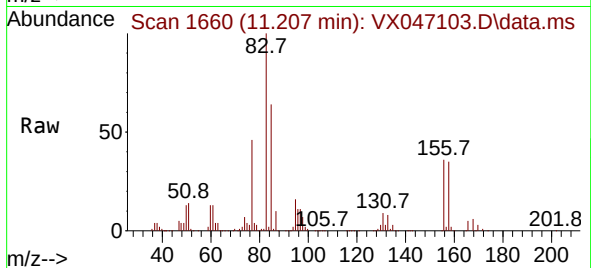
Tgt Ion: 83 Resp: 214222

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 53.624 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047103.D

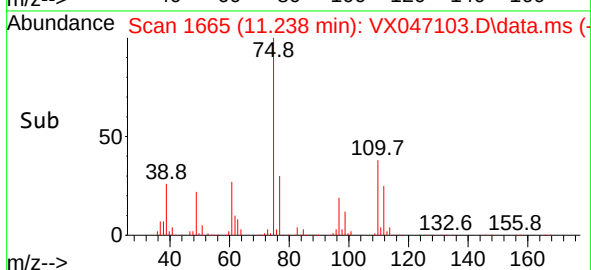
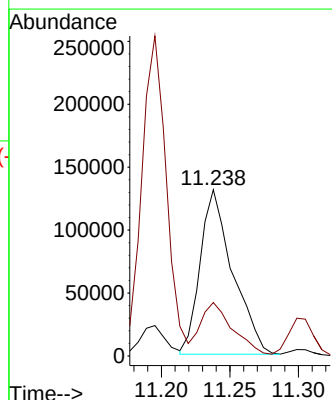
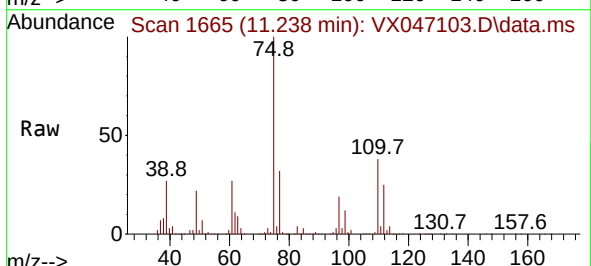
Acq: 23 Jul 2025 19:21

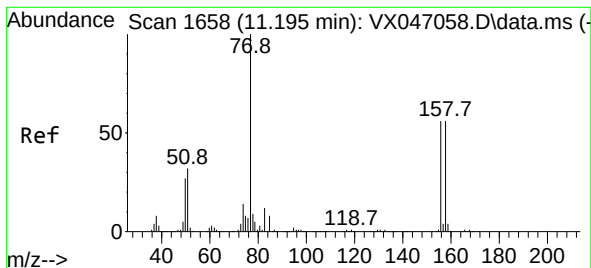
Tgt Ion: 75 Resp: 215659

Ion Ratio Lower Upper

75 100

77 32.6 21.6 65.0





#77

Bromobenzene

Concen: 43.783 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

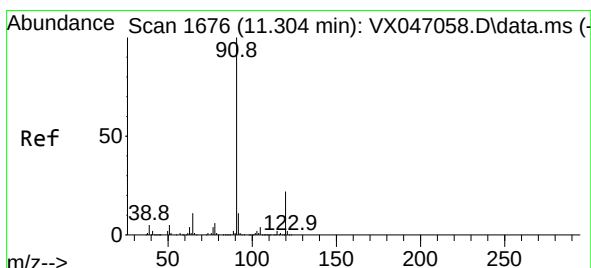
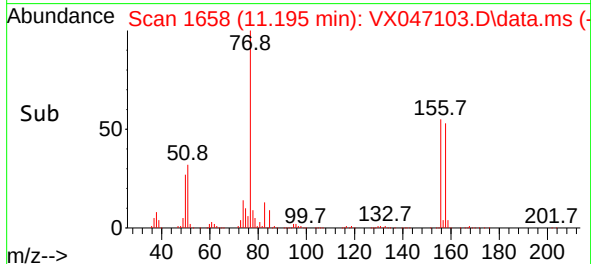
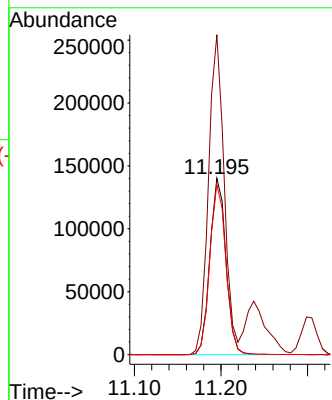
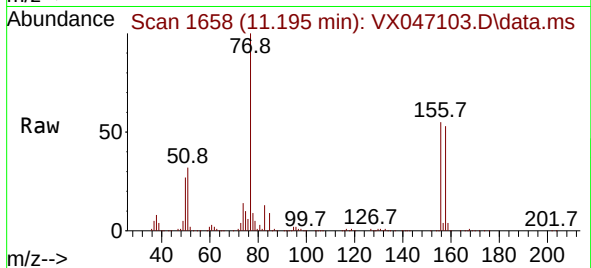
Tgt Ion:156 Resp: 180015

Ion Ratio Lower Upper

156 100

77 176.7 87.3 261.9

158 97.2 48.9 146.6



#78

n-propylbenzene

Concen: 45.083 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047103.D

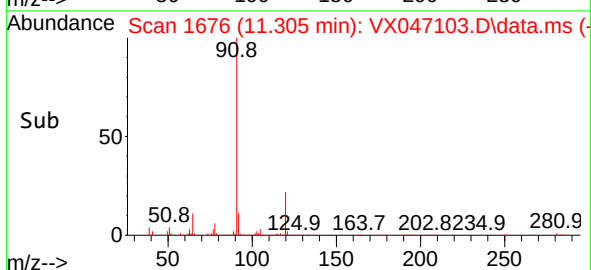
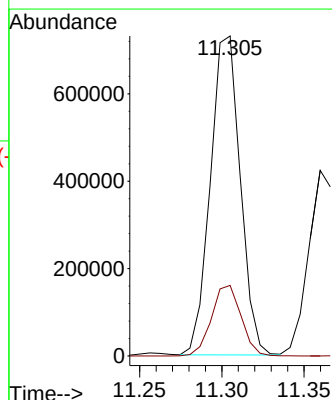
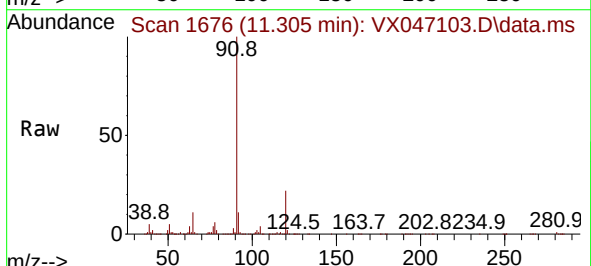
Acq: 23 Jul 2025 19:21

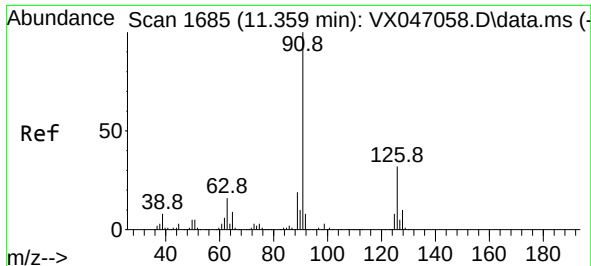
Tgt Ion: 91 Resp: 923482

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

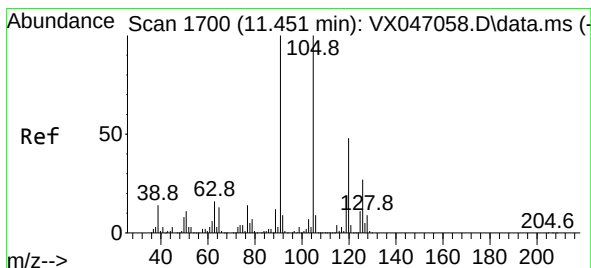
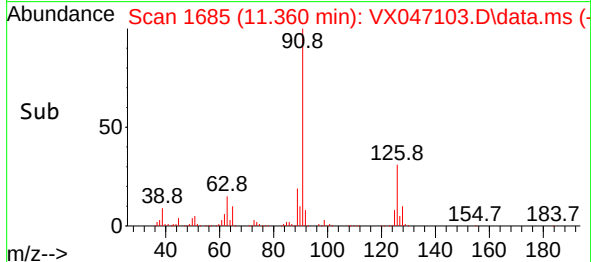
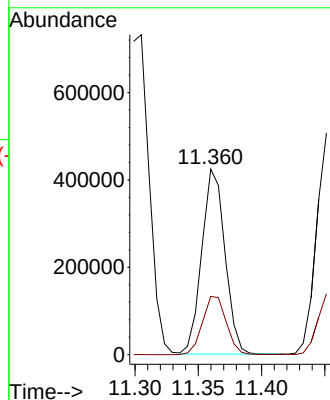
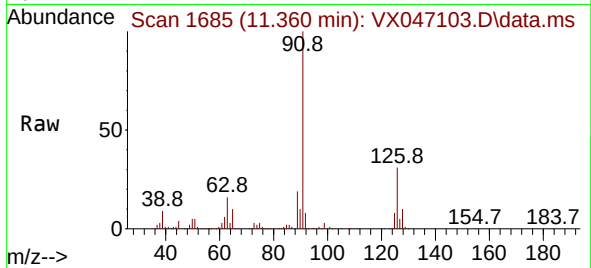




#79
2-Chlorotoluene
Concen: 44.104 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

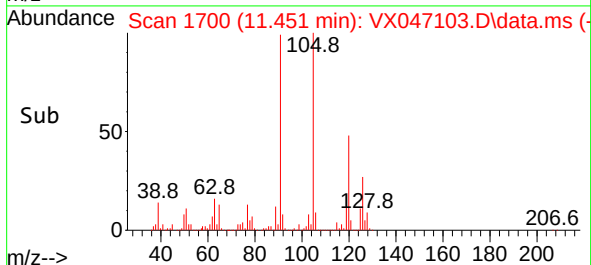
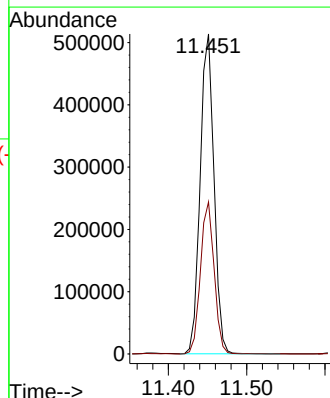
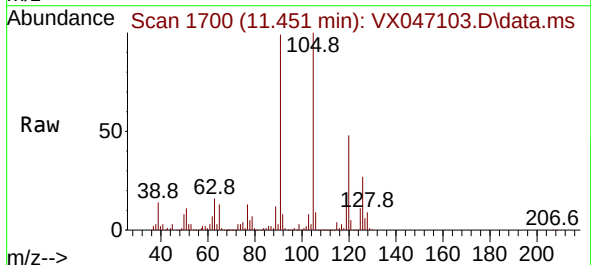
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

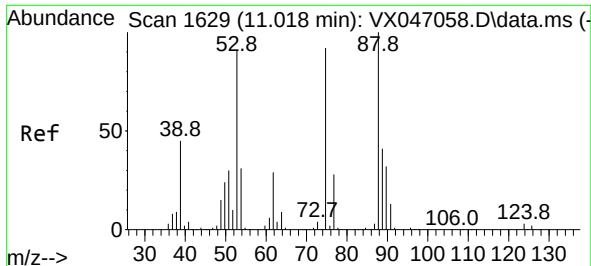
Tgt Ion: 91 Resp: 540049
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 44.507 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 105 Resp: 630294
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5

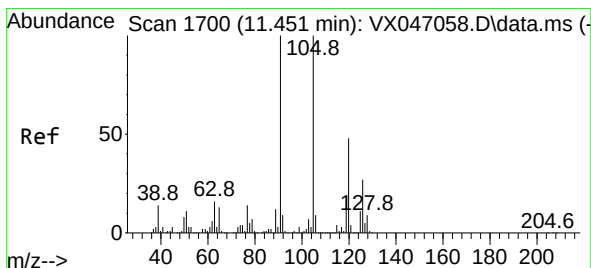
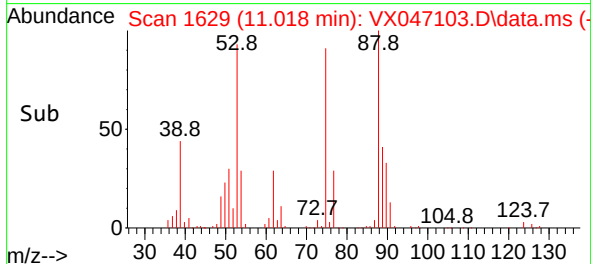
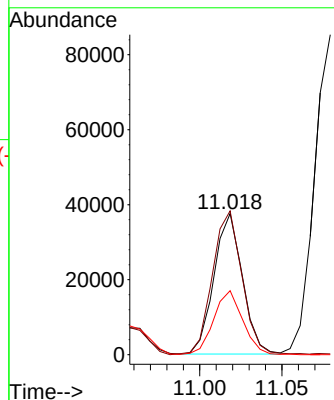
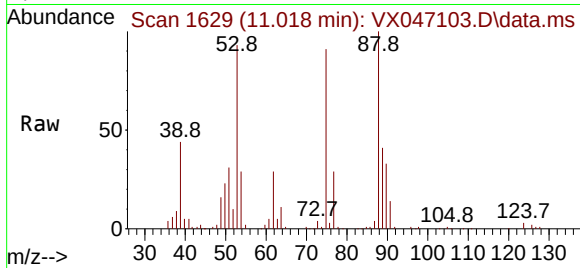




#81
trans-1,4-Dichloro-2-butene
Concen: 28.930 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

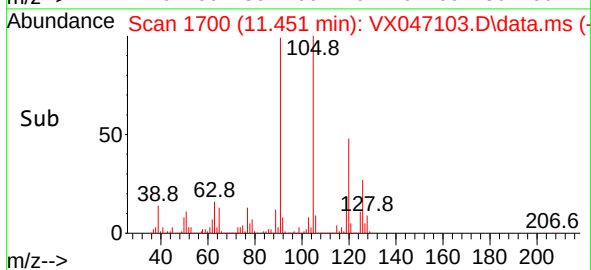
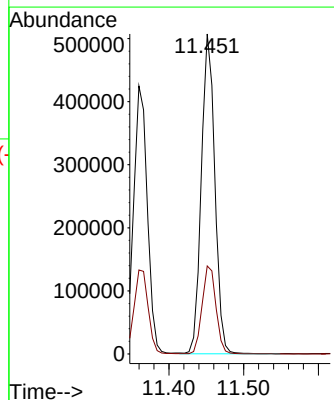
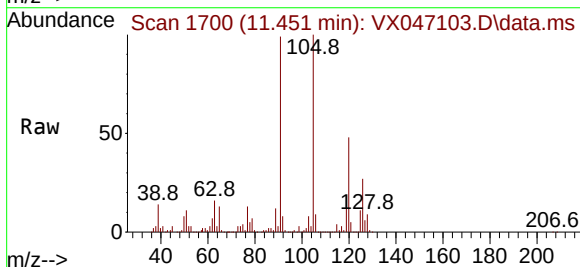
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

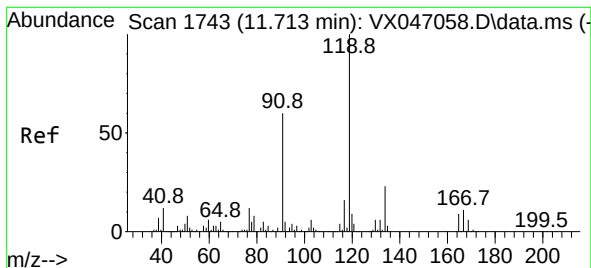
Tgt Ion: 75 Resp: 45159
Ion Ratio Lower Upper
75 100
53 106.7 84.2 126.4
89 46.6 36.0 54.0



#82
4-Chlorotoluene
Concen: 44.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 91 Resp: 634842
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 44.697 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

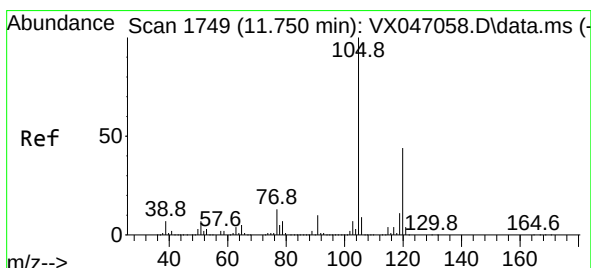
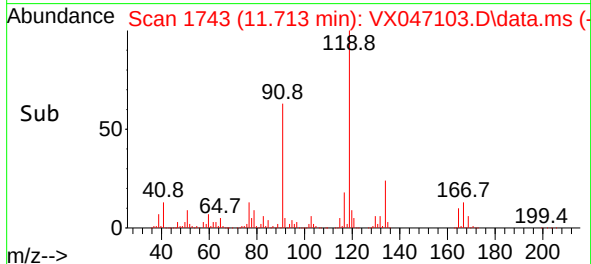
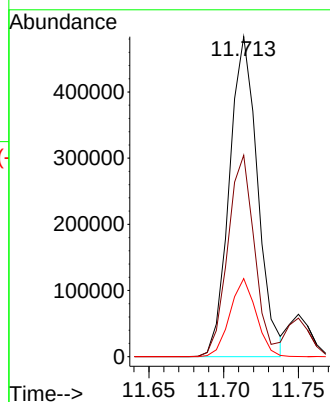
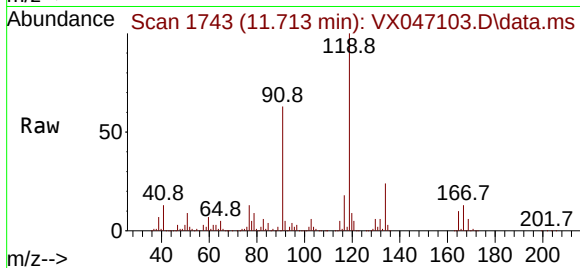
Tgt Ion:119 Resp: 635327

Ion Ratio Lower Upper

119 100

91 58.9 29.6 88.8

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 45.012 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047103.D

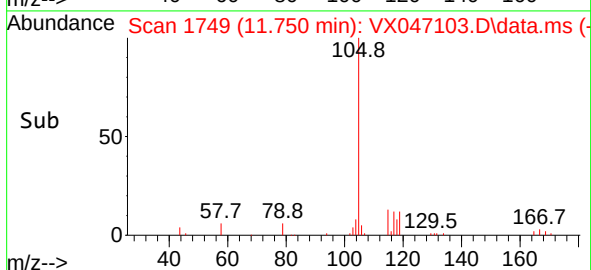
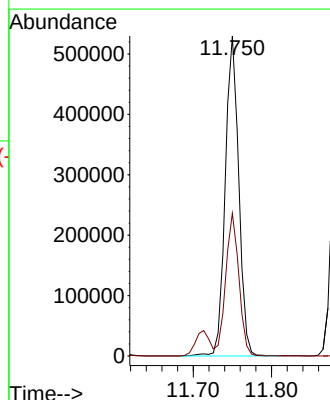
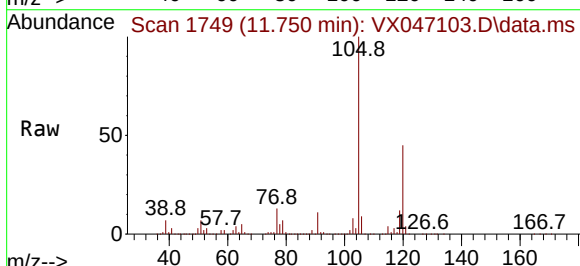
Acq: 23 Jul 2025 19:21

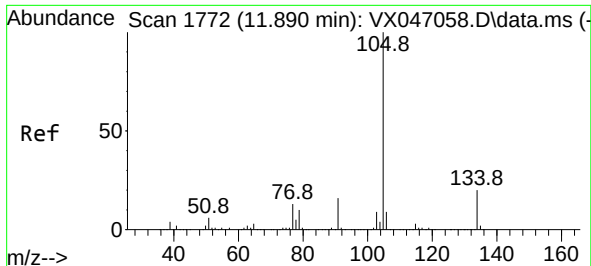
Tgt Ion:105 Resp: 635813

Ion Ratio Lower Upper

105 100

120 43.6 22.0 66.0

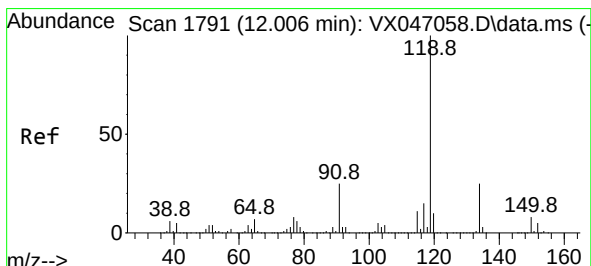
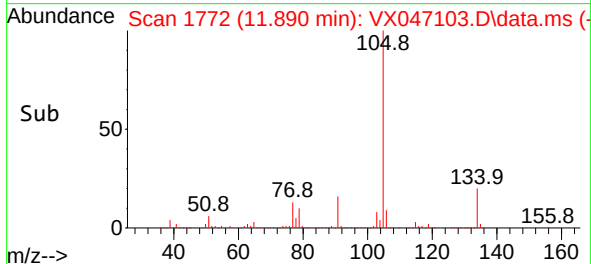
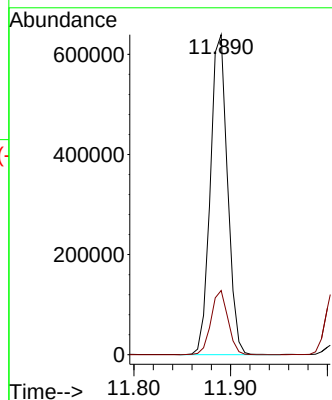
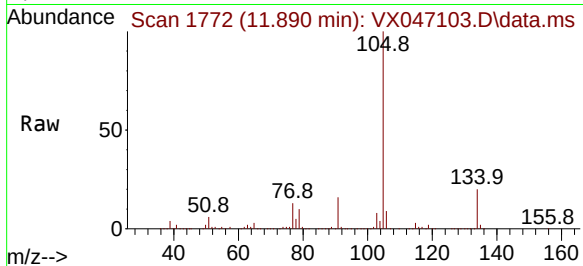




#85
 sec-Butylbenzene
 Concen: 44.421 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

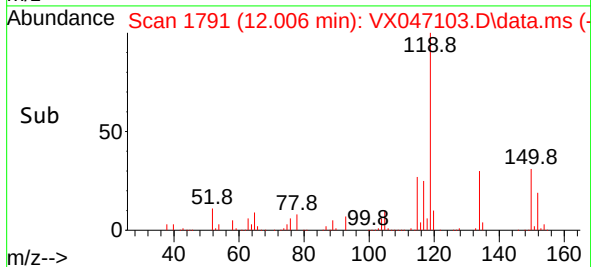
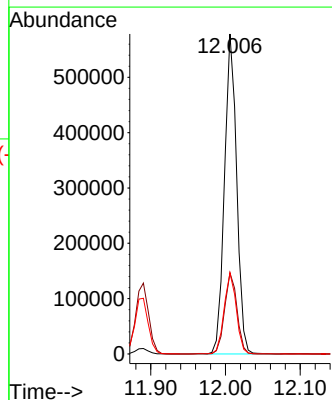
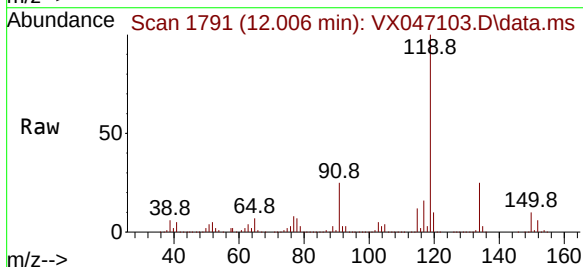
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

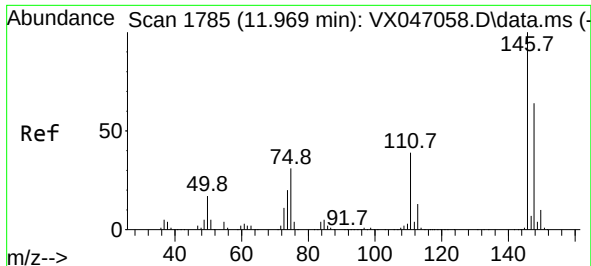
Tgt Ion:105 Resp: 788910
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 44.641 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047103.D
 Acq: 23 Jul 2025 19:21

Tgt Ion:119 Resp: 657464
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.734 ug/l

RT: 11.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

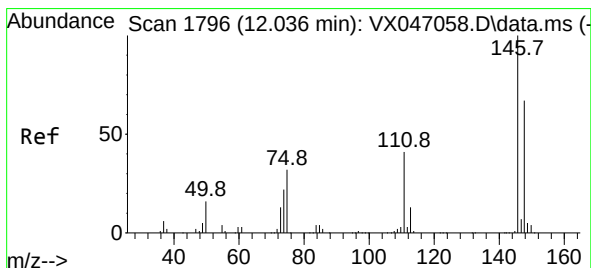
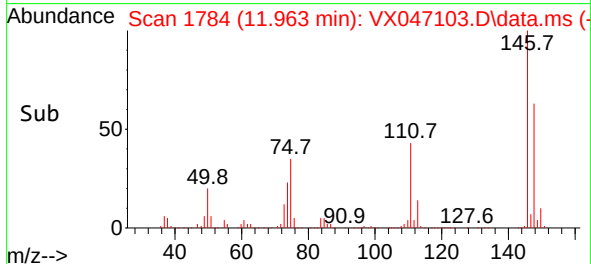
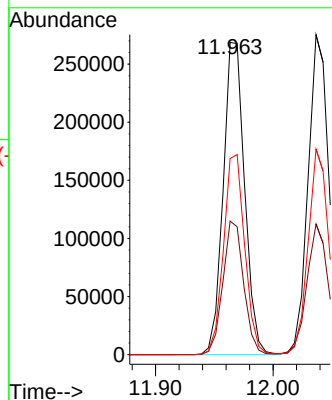
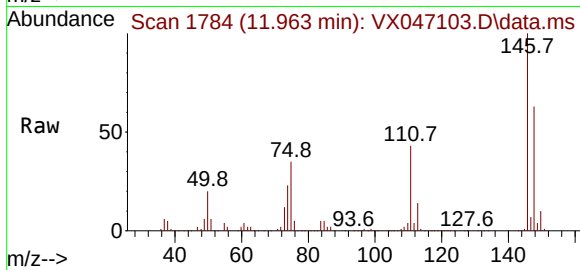
Tgt Ion:146 Resp: 341658

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 42.954 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

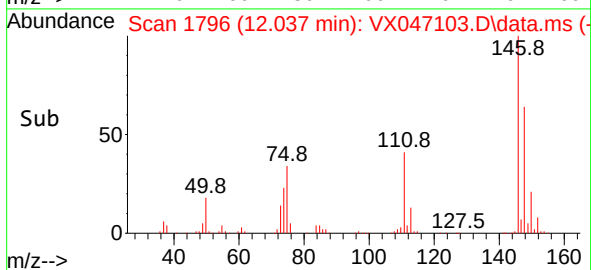
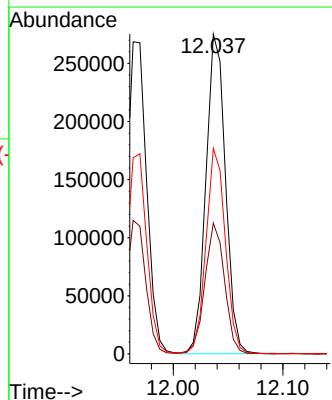
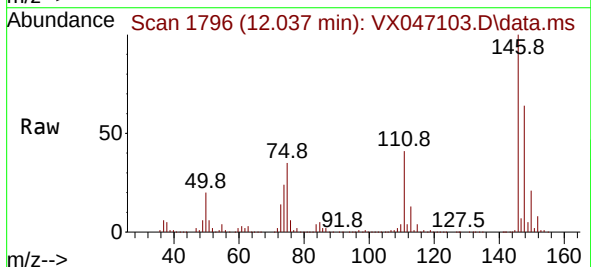
Tgt Ion:146 Resp: 339977

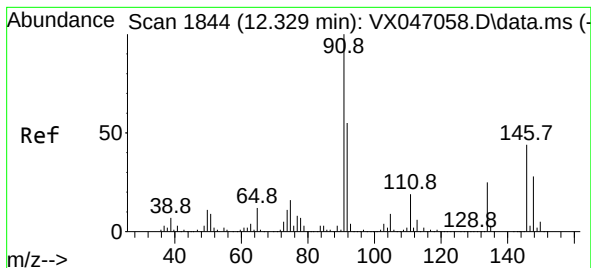
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 64.0 33.0 98.9





#89

n-Butylbenzene

Concen: 44.495 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

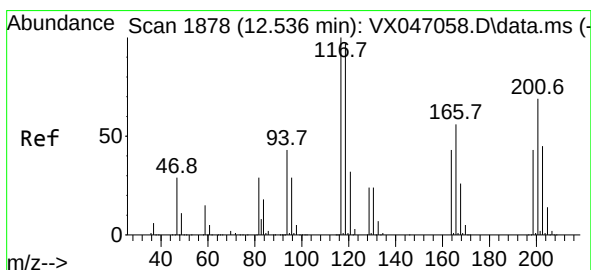
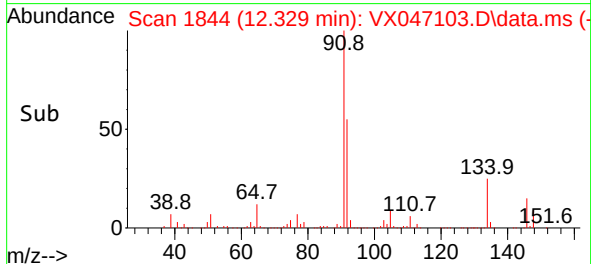
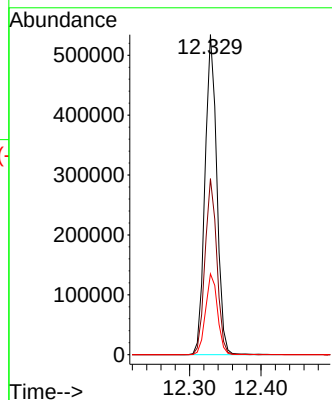
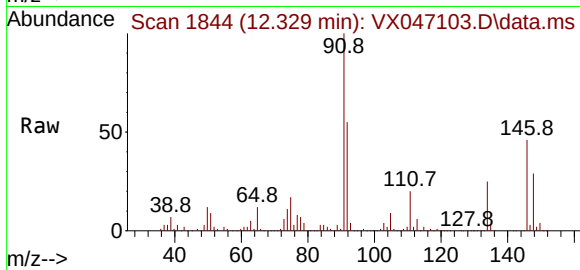
Tgt Ion: 91 Resp: 614554

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.5

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 46.615 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047103.D

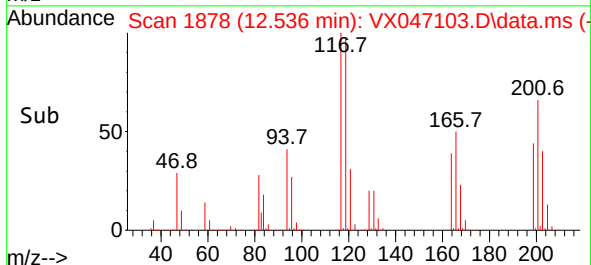
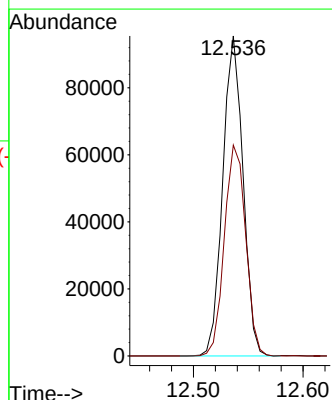
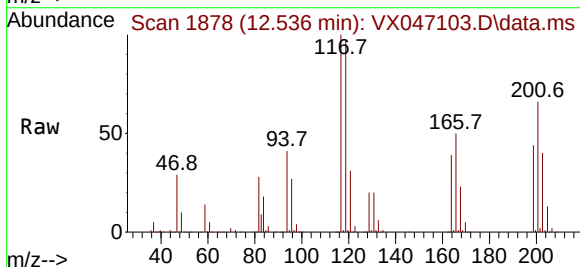
Acq: 23 Jul 2025 19:21

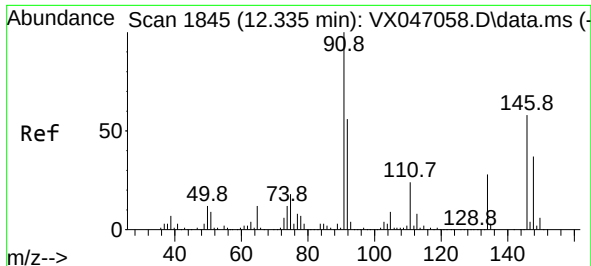
Tgt Ion: 117 Resp: 122818

Ion Ratio Lower Upper

117 100

201 69.3 34.8 104.5

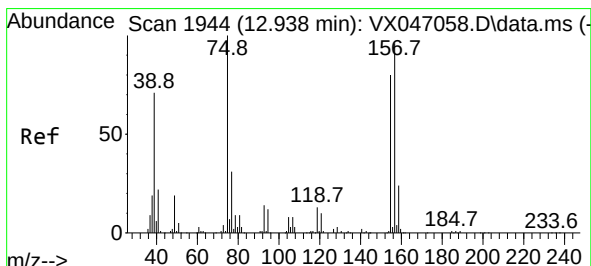
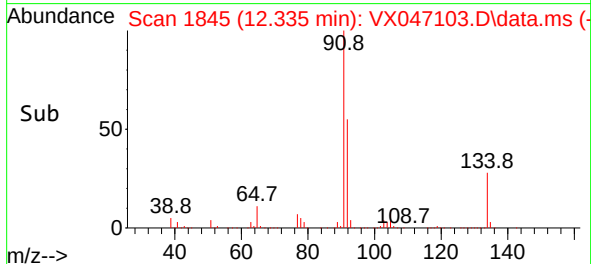
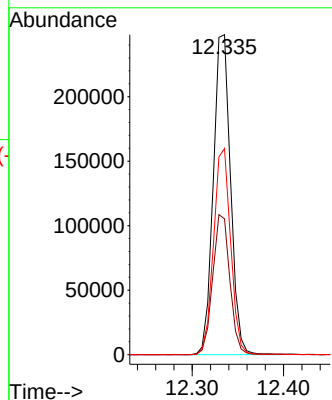
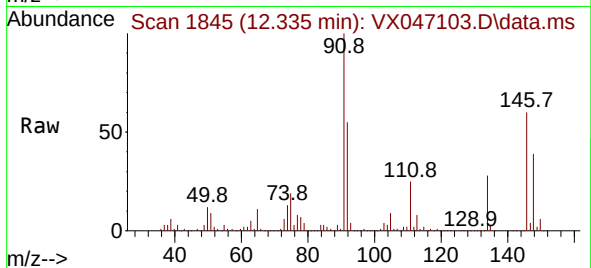




#91
1,2-Dichlorobenzene
Concen: 43.538 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

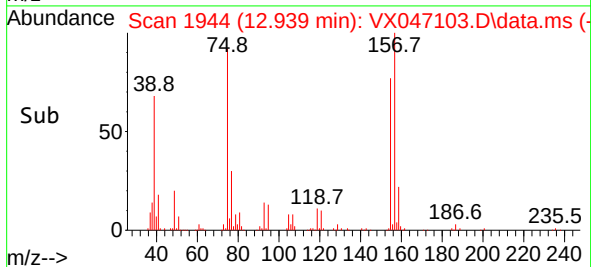
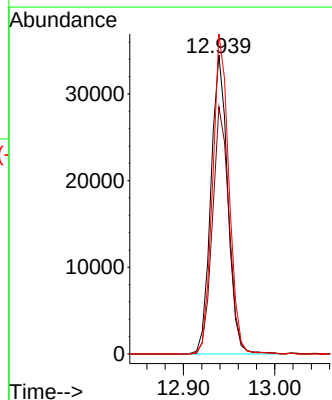
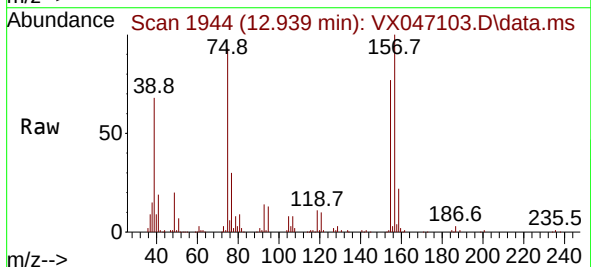
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

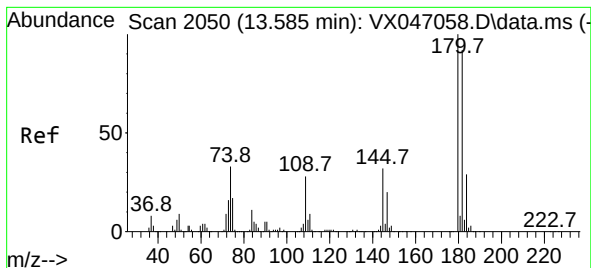
Tgt Ion:146 Resp: 325077
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.6 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.751 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion: 75 Resp: 43941
Ion Ratio Lower Upper
75 100
155 82.0 41.3 124.1
157 104.2 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 44.181 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

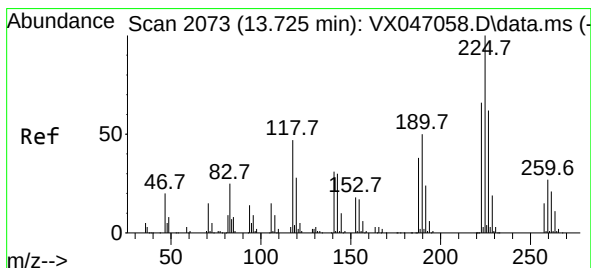
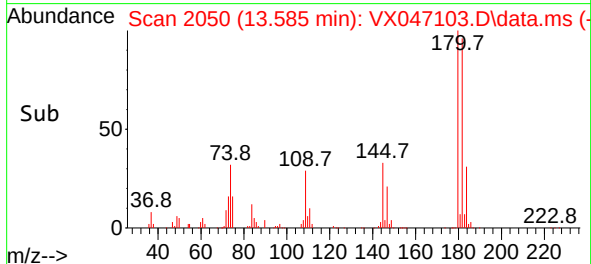
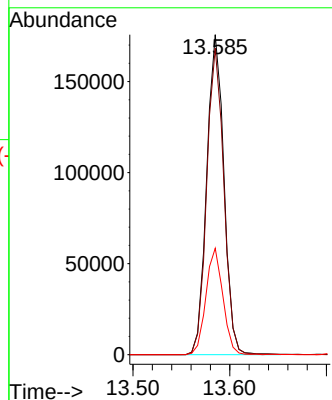
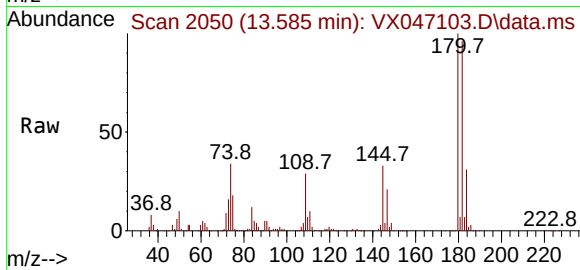
Tgt Ion:180 Resp: 217953

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 43.925 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047103.D

Acq: 23 Jul 2025 19:21

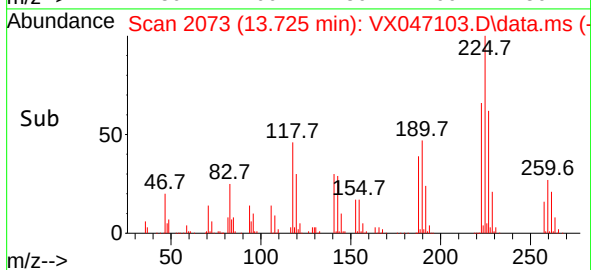
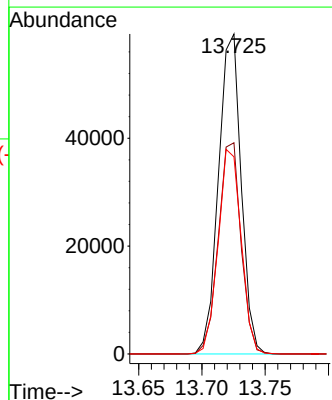
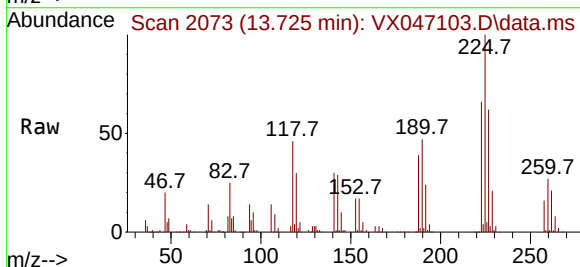
Tgt Ion:225 Resp: 73694

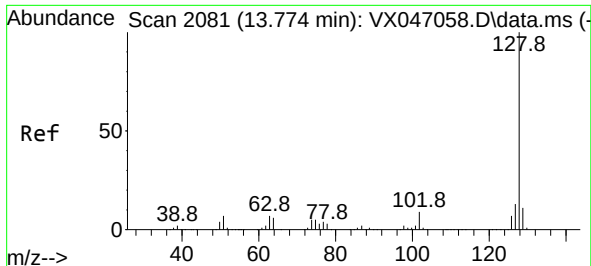
Ion Ratio Lower Upper

225 100

223 66.4 31.6 95.0

227 65.1 32.9 98.6

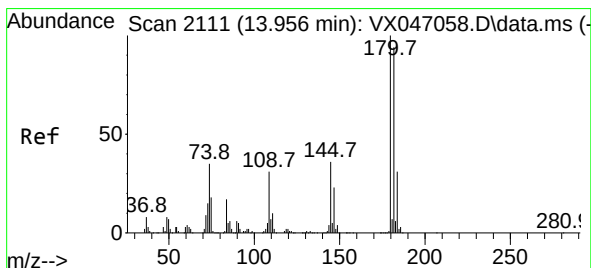
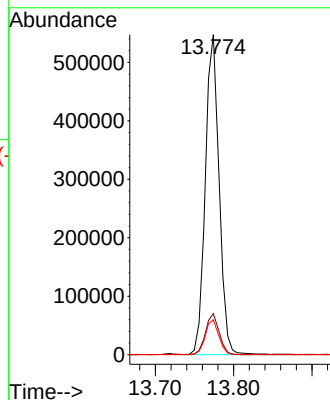
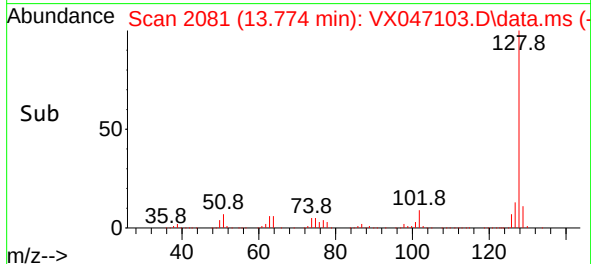
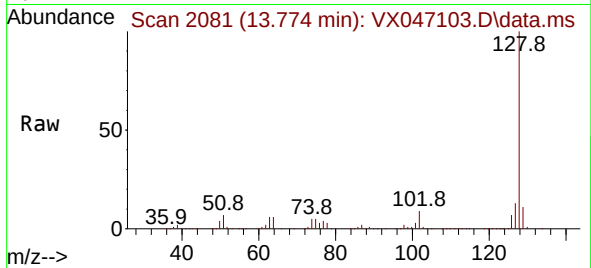




#95
Naphthalene
Concen: 46.212 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 668308
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.393 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047103.D
Acq: 23 Jul 2025 19:21

Tgt Ion:180 Resp: 206227
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 34.7 17.3 52.0

