

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047307.D
 Acq On : 12 Aug 2025 18:54
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 13 01:26:23 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	5.568	168	215996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	368205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	130292	48.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.840%
35) Dibromofluoromethane	5.403	113	117551	51.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.420%
50) Toluene-d8	8.653	98	330293	44.862	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.720%#
62) 4-Bromofluorobenzene	11.079	95	155757	49.091	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	158683	55.310	ug/l	98
3) Chloromethane	1.313	50	136255	48.012	ug/l	99
4) Vinyl Chloride	1.392	62	162557	53.286	ug/l	100
5) Bromomethane	1.624	94	70711	42.670	ug/l	94
6) Chloroethane	1.703	64	96058	47.942	ug/l	99
7) Trichlorofluoromethane	1.904	101	241849	53.166	ug/l	100
8) Diethyl Ether	2.148	74	82367	51.354	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	142678	52.060	ug/l	99
10) Methyl Iodide	2.471	142	196261	70.265	ug/l	99
11) Tert butyl alcohol	2.965	59	81814	260.548	ug/l	98
12) 1,1-Dichloroethene	2.337	96	140634	51.809	ug/l	98
13) Acrolein	2.251	56	191504	330.555	ug/l	99
14) Allyl chloride	2.684	41	239286	48.767	ug/l	98
15) Acrylonitrile	3.081	53	342692	267.053	ug/l	99
16) Acetone	2.392	43	267952	248.594	ug/l	98
17) Carbon Disulfide	2.532	76	380084	48.401	ug/l	99
18) Methyl Acetate	2.721	43	166988	58.297	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	439853	53.243	ug/l	100
20) Methylene Chloride	2.806	84	152756	51.514	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	145059	52.222	ug/l	97
22) Diisopropyl ether	3.776	45	493204	52.281	ug/l	98
23) Vinyl Acetate	3.739	43	2020262	267.002	ug/l	100
24) 1,1-Dichloroethane	3.629	63	269844	51.439	ug/l	98
25) 2-Butanone	4.574	43	388866	247.769	ug/l	95
26) 2,2-Dichloropropane	4.495	77	174083	42.869	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	170185	51.739	ug/l	97
28) Bromochloromethane	4.916	49	129983	53.858	ug/l	100
29) Tetrahydrofuran	5.025	42	259007	255.772	ug/l	99
30) Chloroform	5.111	83	273523	51.222	ug/l	99
31) Cyclohexane	5.489	56	239579	47.631	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	236883	51.073	ug/l	99
36) 1,1-Dichloropropene	5.708	75	189695	48.951	ug/l	100
37) Ethyl Acetate	4.727	43	213863	59.891	ug/l	95
38) Carbon Tetrachloride	5.690	117	205421	49.665	ug/l	99
39) Methylcyclohexane	7.385	83	228274	47.179	ug/l	97
40) Benzene	6.050	78	568008	50.647	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	92486	49.535	ug/l #	92
42) 1,2-Dichloroethane	6.098	62	203832	51.596	ug/l	99
43) Isopropyl Acetate	6.348	43	297523	53.445	ug/l	99
44) Trichloroethene	7.135	130	144557	50.265	ug/l	88
45) 1,2-Dichloropropane	7.440	63	142327	50.671	ug/l	95
46) Dibromomethane	7.586	93	102887	52.234	ug/l	99
47) Bromodichloromethane	7.830	83	214793	51.231	ug/l	99
48) Methyl methacrylate	7.696	41	156932	51.748	ug/l	99
49) 1,4-Dioxane	7.677	88	29515	855.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	891277	269.360	ug/l	99
52) Toluene	8.720	92	354794	51.450	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	189031	47.746	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	209668	48.387	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	133763	51.723	ug/l	98
56) Ethyl methacrylate	9.116	69	211187	55.161	ug/l	99
57) 1,3-Dichloropropane	9.311	76	232270	51.678	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	537996	252.526	ug/l	99
59) 2-Hexanone	9.433	43	620680	283.920	ug/l	100
60) Dibromochloromethane	9.518	129	157647	51.976	ug/l	100
61) 1,2-Dibromoethane	9.610	107	137616	50.891	ug/l	98
64) Tetrachloroethene	9.275	164	117308	50.267	ug/l	95
65) Chlorobenzene	10.079	112	384532	50.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	131306	51.426	ug/l	99
67) Ethyl Benzene	10.195	91	681158	51.369	ug/l	100
68) m/p-Xylenes	10.299	106	510770	102.933	ug/l	99
69) o-Xylene	10.640	106	244681	51.832	ug/l	100
70) Styrene	10.652	104	423003	52.257	ug/l	100
71) Bromoform	10.799	173	101601	52.383	ug/l	100
73) Isopropylbenzene	10.963	105	639550	50.133	ug/l	100
74) N-amyl acetate	10.841	43	266967	51.866	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	191413	52.528	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	181370	60.598	ug/l	84
77) Bromobenzene	11.195	156	157666	51.527	ug/l	97
78) n-propylbenzene	11.305	91	762426	50.013	ug/l	99
79) 2-Chlorotoluene	11.360	91	453787	49.797	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	524390	49.756	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26071	22.442	ug/l	94
82) 4-Chlorotoluene	11.451	91	530975	49.920	ug/l	98
83) tert-Butylbenzene	11.713	119	528279	49.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	528370	50.262	ug/l	99
85) sec-Butylbenzene	11.890	105	643045	48.652	ug/l	100
86) p-Isopropyltoluene	12.006	119	538783	49.156	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	287667	49.479	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	289648	49.174	ug/l	96
89) n-Butylbenzene	12.329	91	490485	47.718	ug/l	98
90) Hexachloroethane	12.536	117	93824	47.850	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	279275	50.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37523	53.644	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	181698	49.491	ug/l	100
94) Hexachlorobutadiene	13.725	225	54991	44.043	ug/l	98
95) Naphthalene	13.774	128	559450	51.981	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	170531	48.215	ug/l	98

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VSTDCCC050EC

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

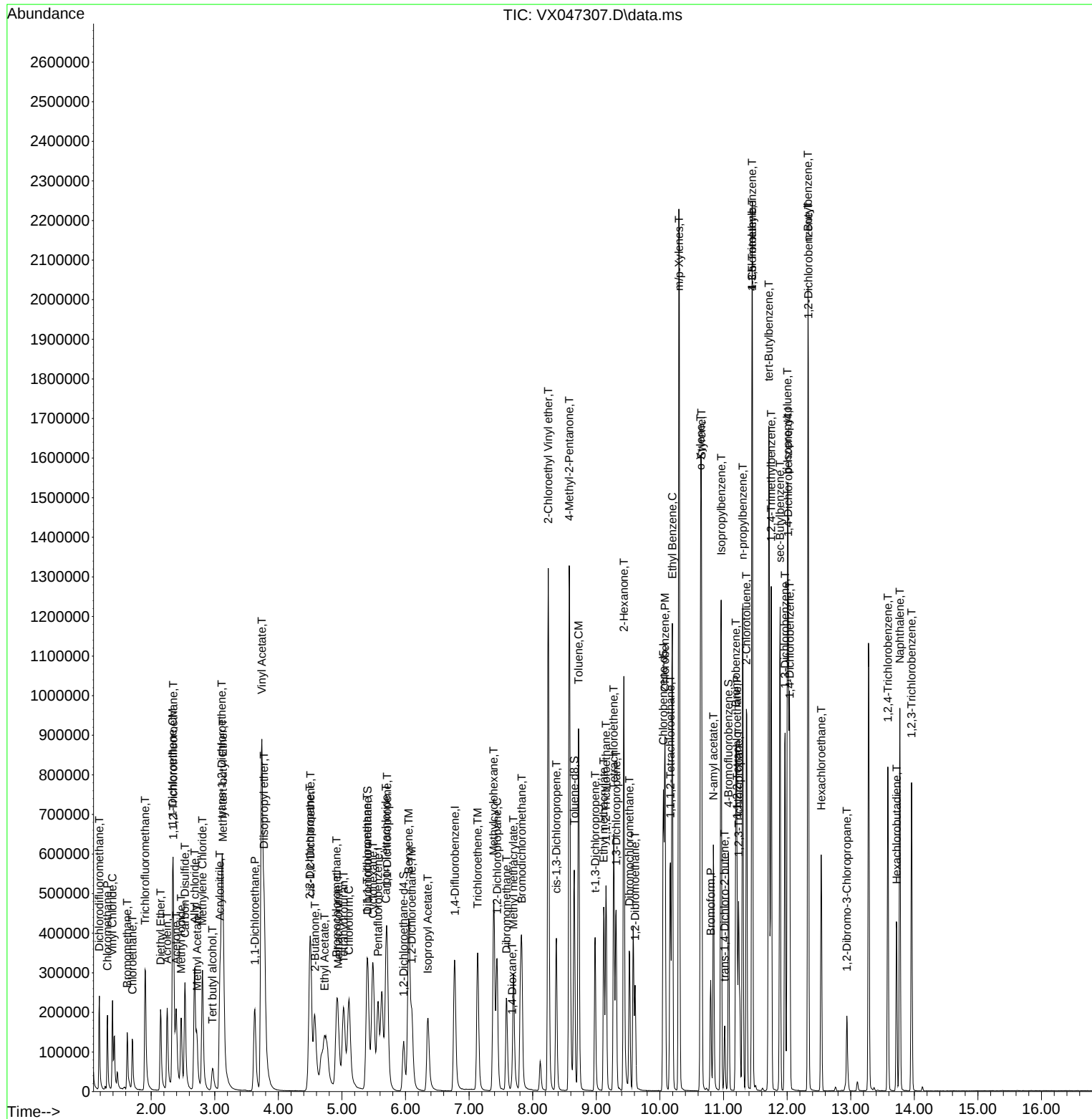
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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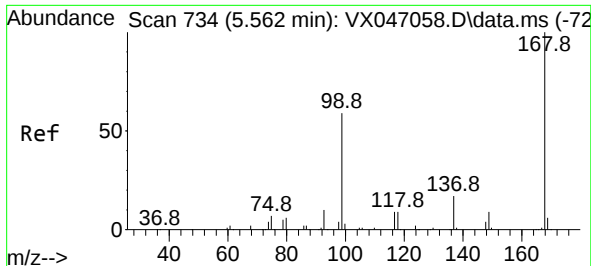
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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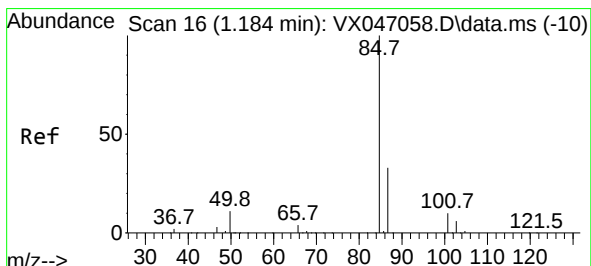
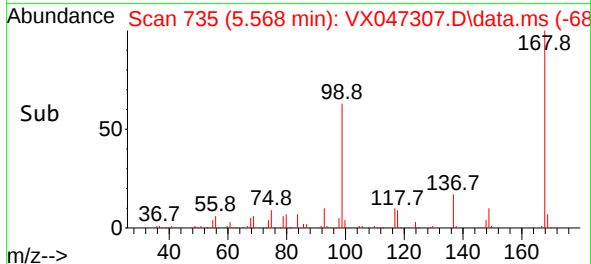
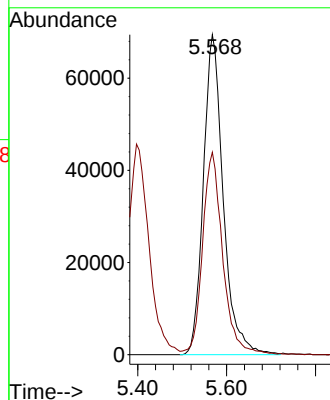
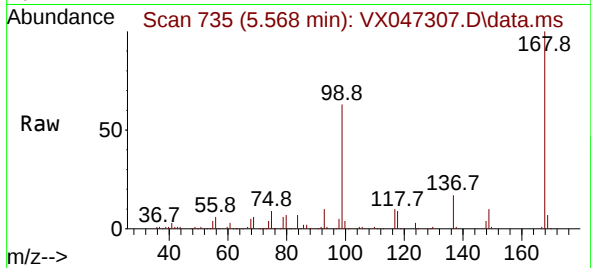




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047307.D
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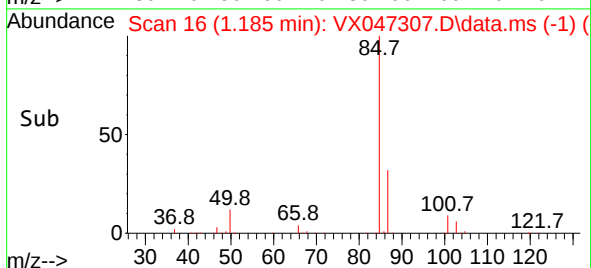
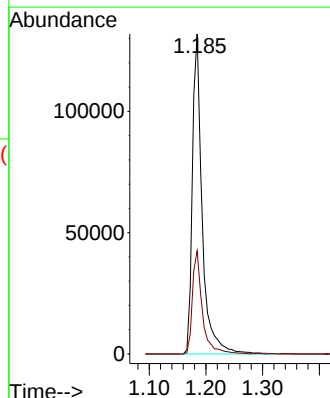
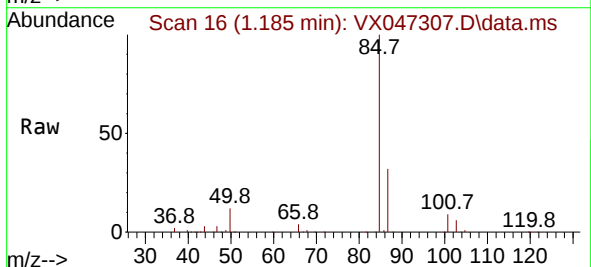
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

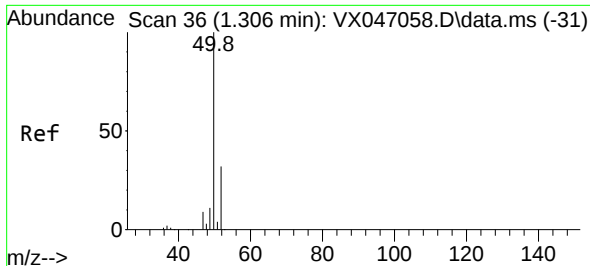
Tgt Ion:168 Resp: 215996
Ion Ratio Lower Upper
168 100
99 62.9 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 55.310 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 85 Resp: 158683
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8

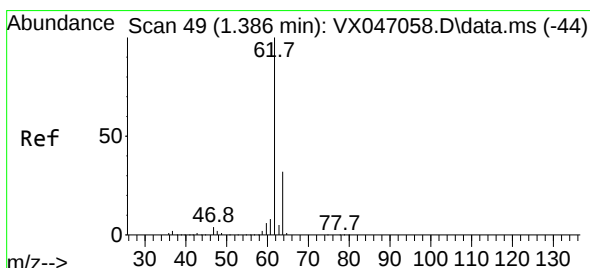
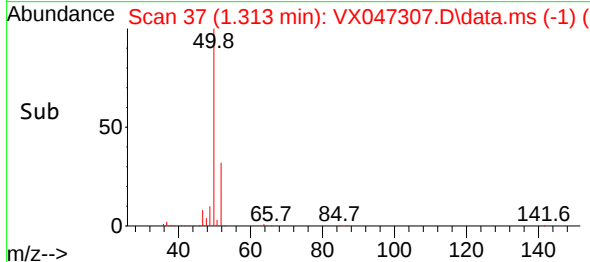
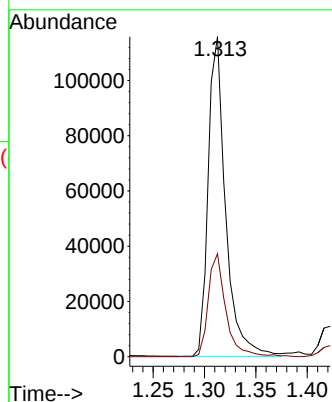
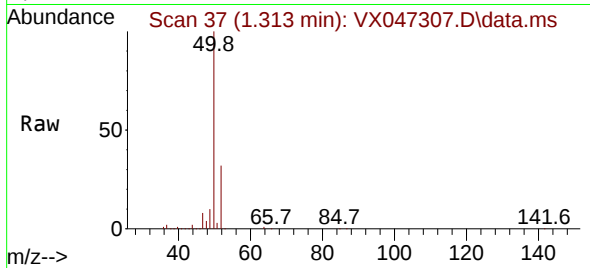




#3
Chloromethane
Concen: 48.012 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

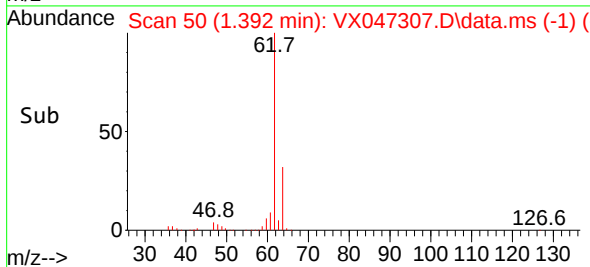
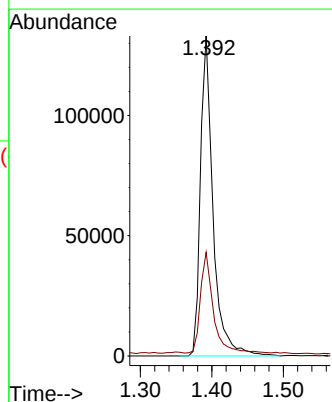
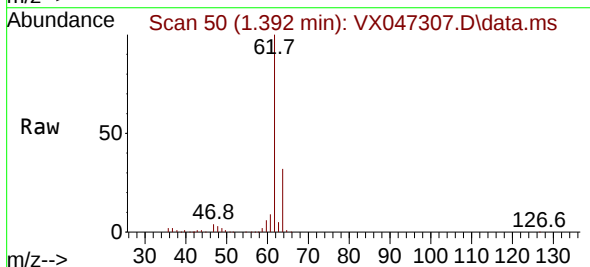
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 136255
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 53.286 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 62 Resp: 162557
Ion Ratio Lower Upper
62 100
64 31.4 25.2 37.8

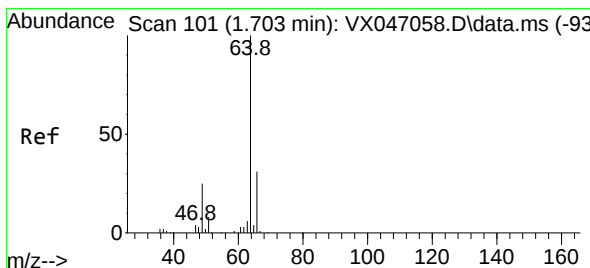
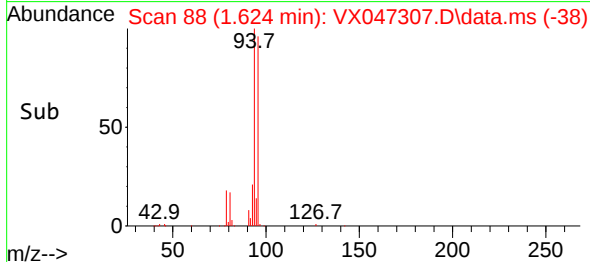
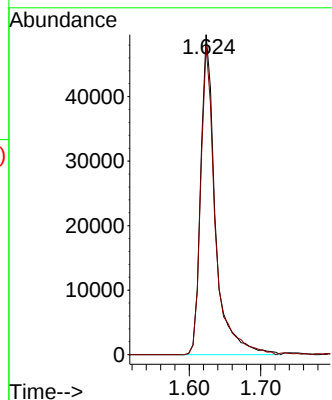
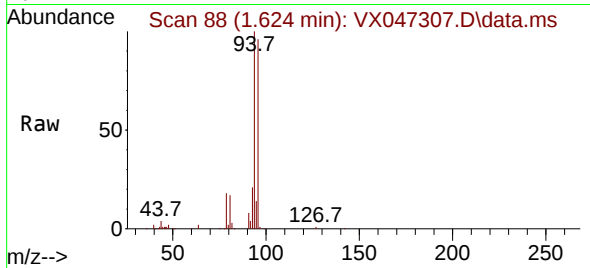




#5
Bromomethane
Concen: 42.670 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

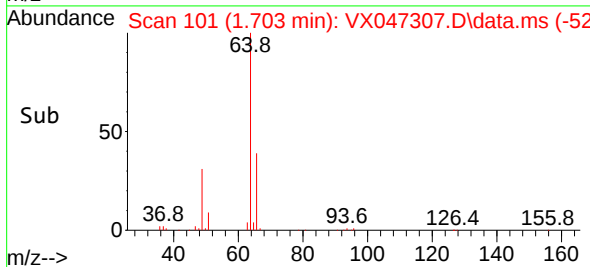
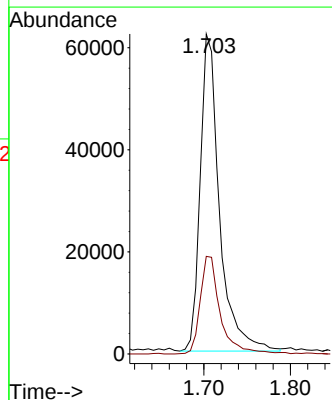
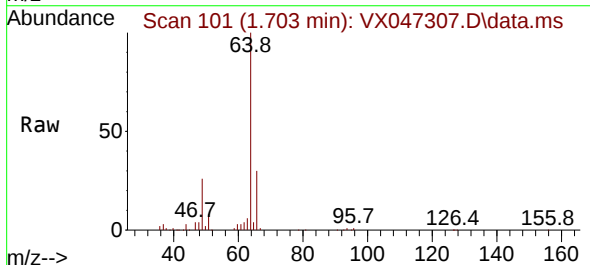
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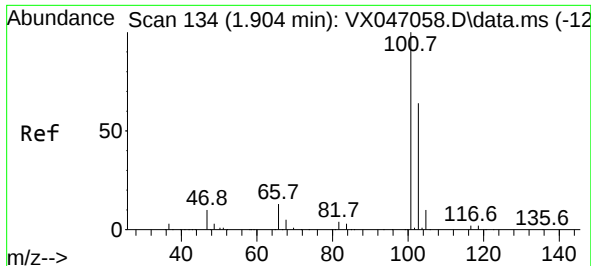
Tgt Ion: 94 Resp: 70711
Ion Ratio Lower Upper
94 100
96 96.4 72.3 108.5



#6
Chloroethane
Concen: 47.942 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 64 Resp: 96058
Ion Ratio Lower Upper
64 100
66 30.7 25.0 37.6

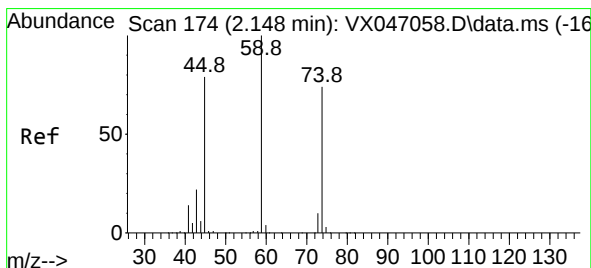
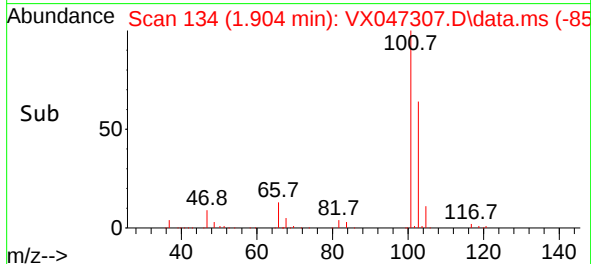
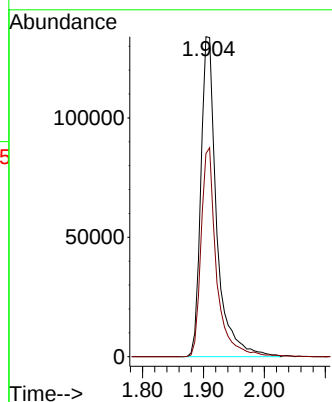
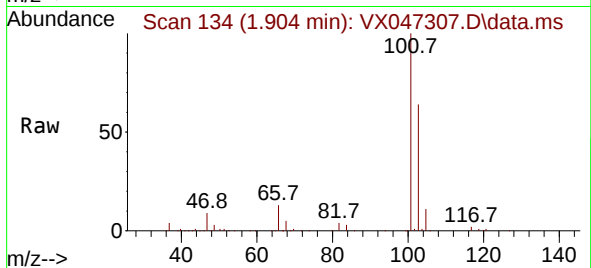




#7
Trichlorofluoromethane
Concen: 53.166 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

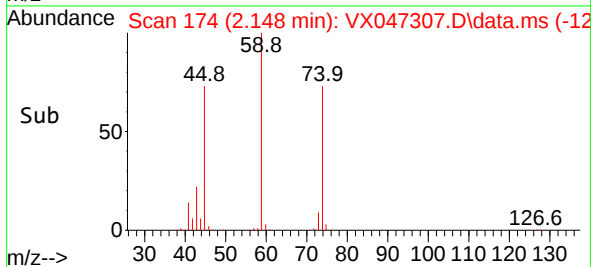
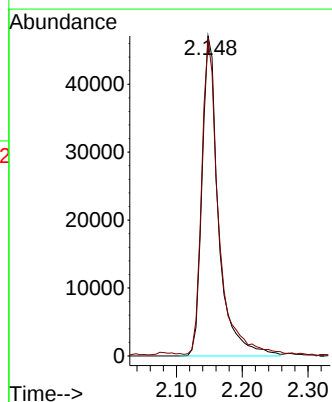
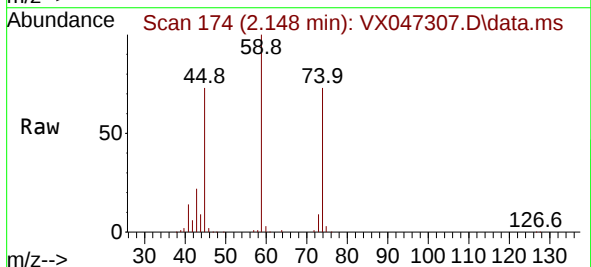
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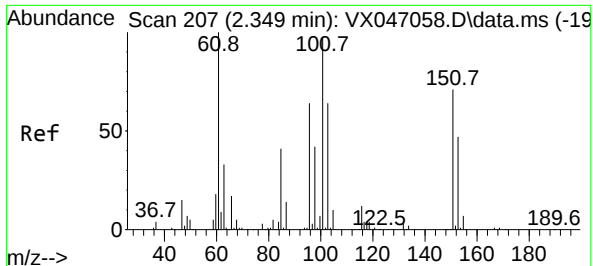
Tgt Ion:101 Resp: 241849
Ion Ratio Lower Upper
101 100
103 63.5 50.9 76.3



#8
Diethyl Ether
Concen: 51.354 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 74 Resp: 82367
Ion Ratio Lower Upper
74 100
45 104.3 53.0 159.0

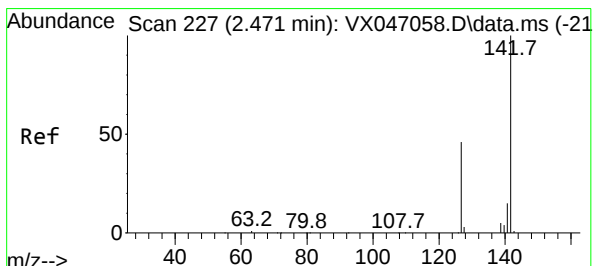
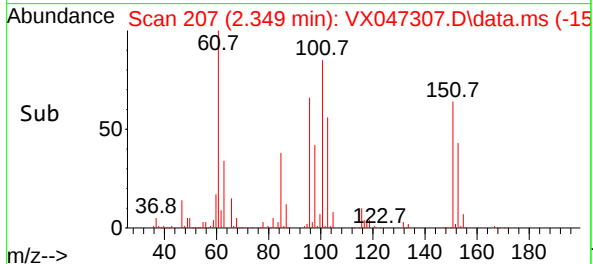
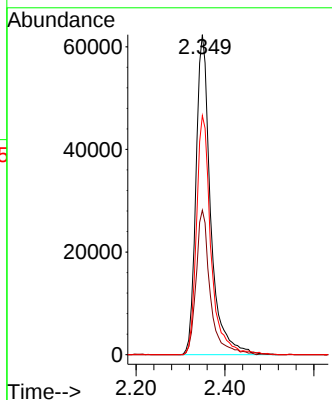
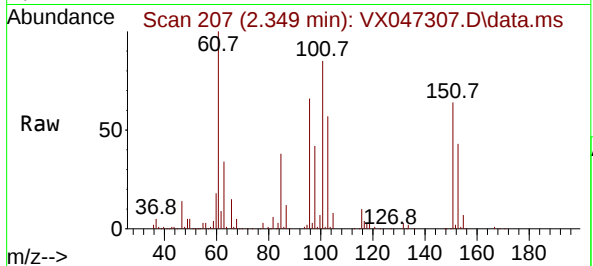




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.060 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

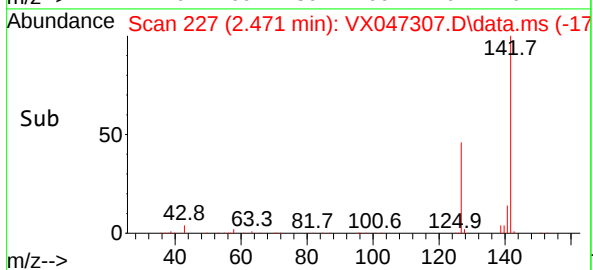
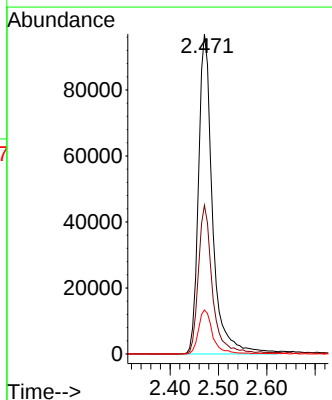
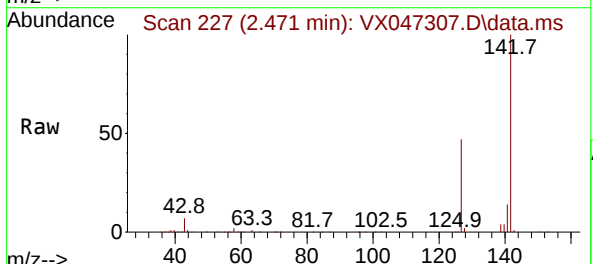
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

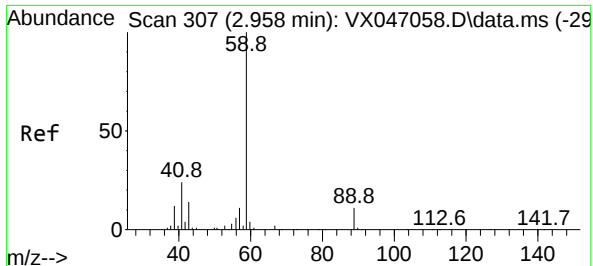
Tgt Ion:101 Resp: 142678
Ion Ratio Lower Upper
101 100
85 43.5 35.4 53.0
151 74.4 59.2 88.8



#10
Methyl Iodide
Concen: 70.265 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion:142 Resp: 196261
Ion Ratio Lower Upper
142 100
127 46.2 36.6 54.8
141 14.0 10.9 16.3

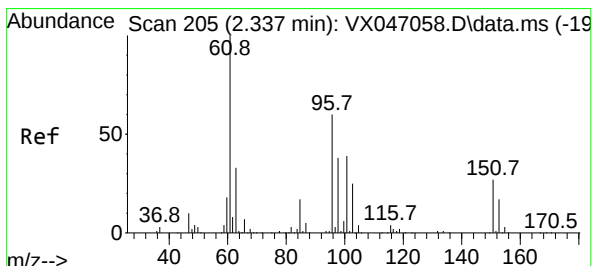
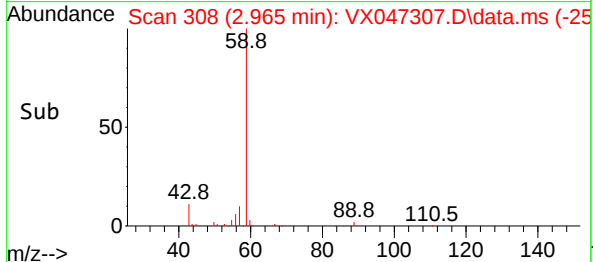
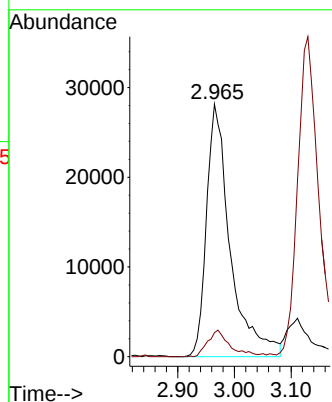
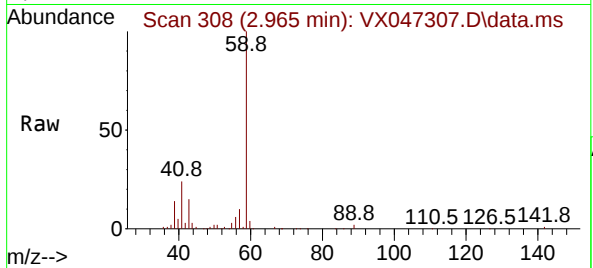




#11
Tert butyl alcohol
Concen: 260.548 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

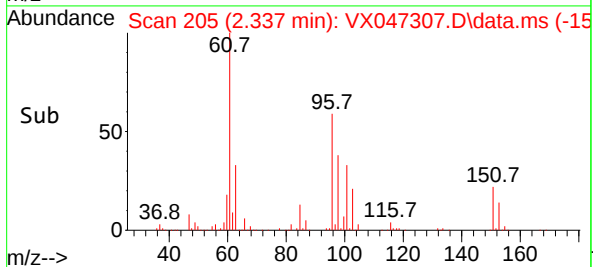
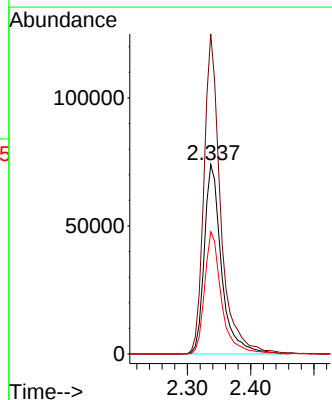
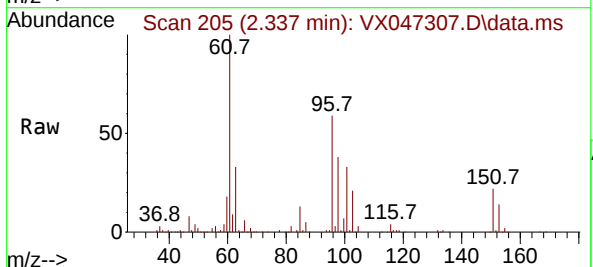
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

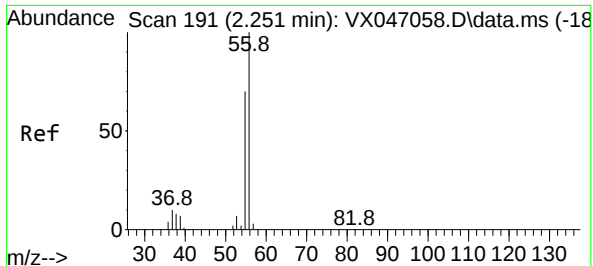
Tgt Ion: 59 Resp: 81814
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.809 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 96 Resp: 140634
Ion Ratio Lower Upper
96 100
61 168.9 132.6 198.8
98 64.4 50.2 75.4

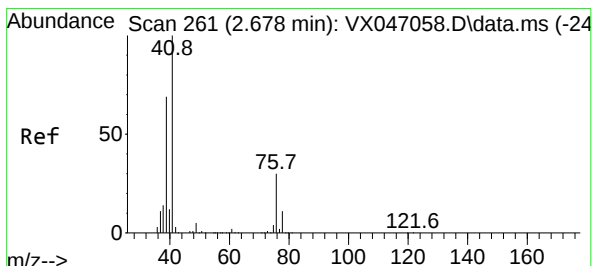
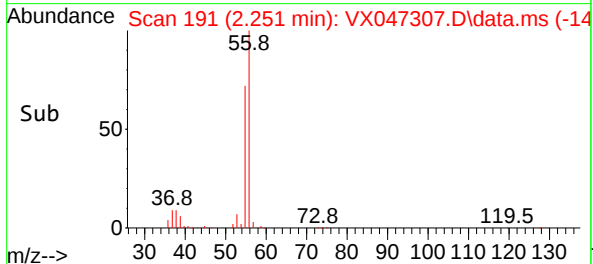
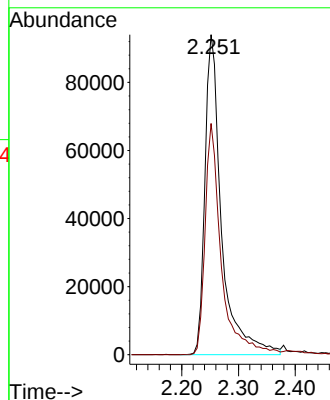
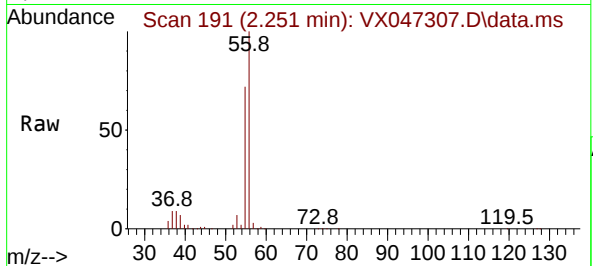




#13
Acrolein
Concen: 330.555 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

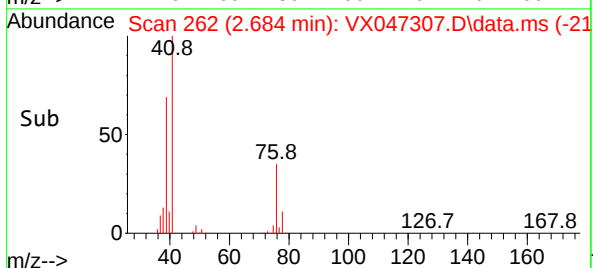
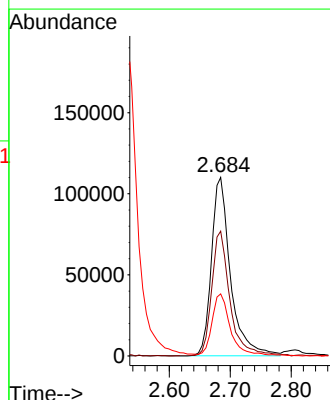
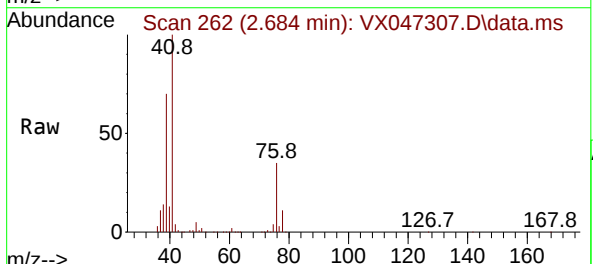
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

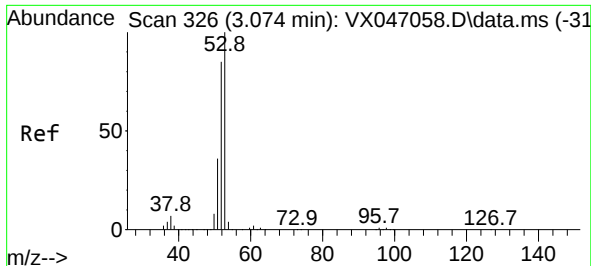
Tgt Ion: 56 Resp: 191504
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5



#14
Allyl chloride
Concen: 48.767 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 41 Resp: 239286
Ion Ratio Lower Upper
41 100
39 67.1 52.6 78.8
76 33.9 25.7 38.5

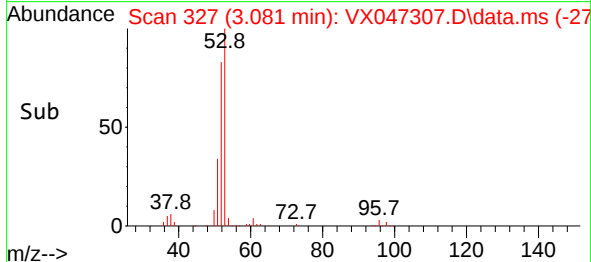
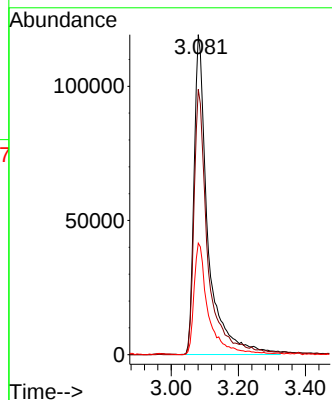
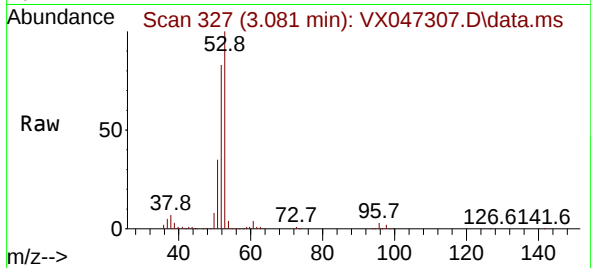




#15
Acrylonitrile
Concen: 267.053 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

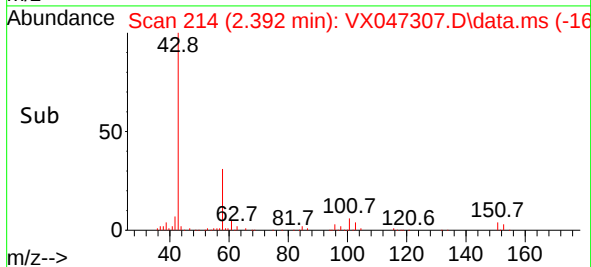
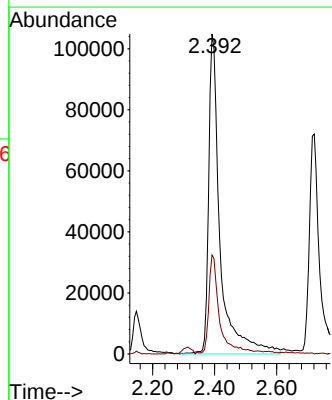
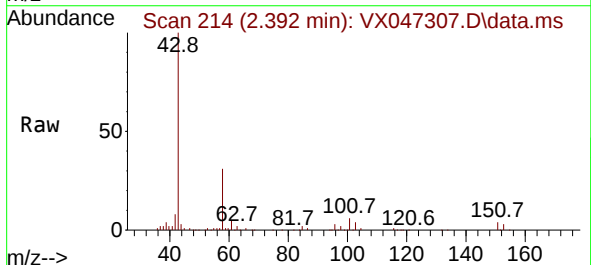
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

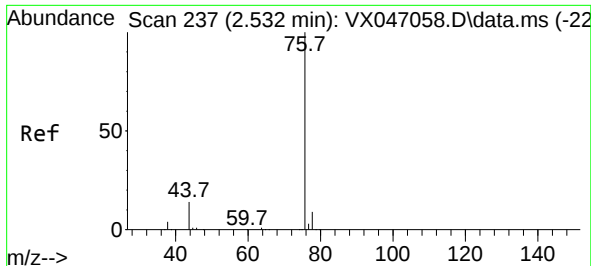
Tgt Ion: 53 Resp: 342692
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 248.594 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 43 Resp: 267952
Ion Ratio Lower Upper
43 100
58 30.8 24.0 36.0

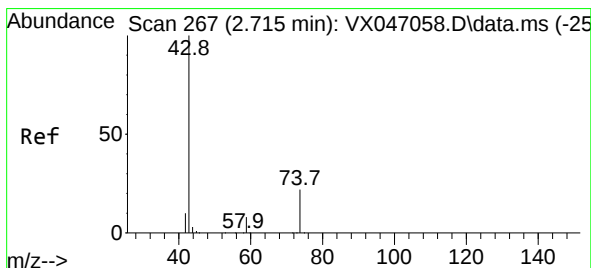
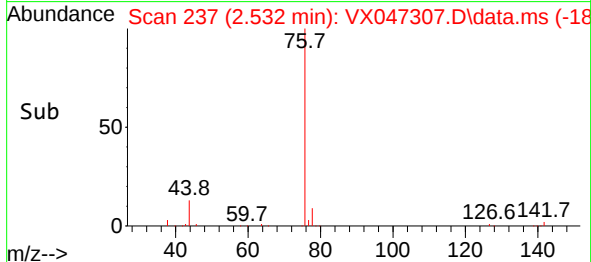
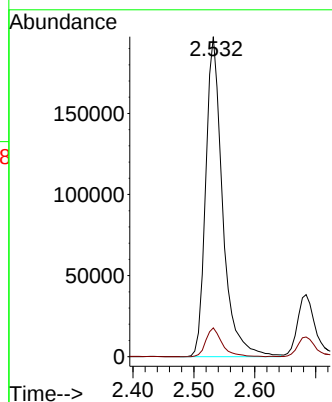
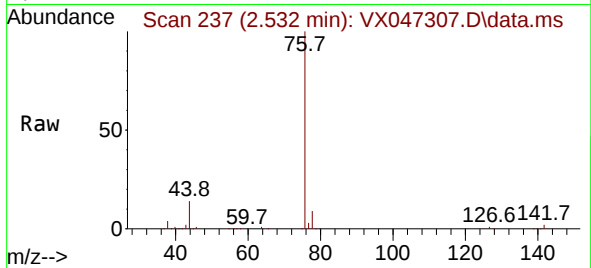




#17
Carbon Disulfide
Concen: 48.401 ug/l
RT: 2.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

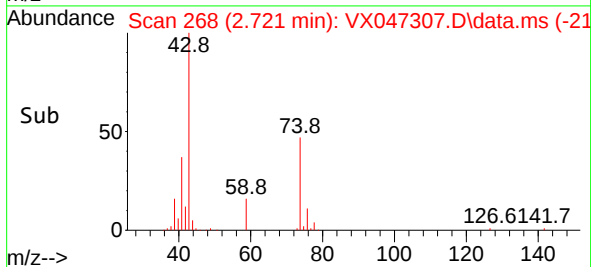
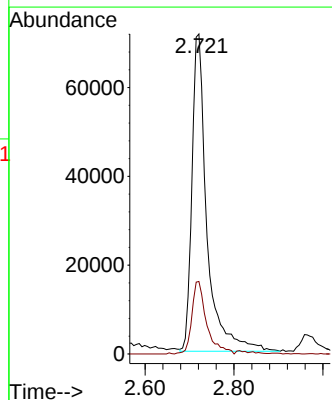
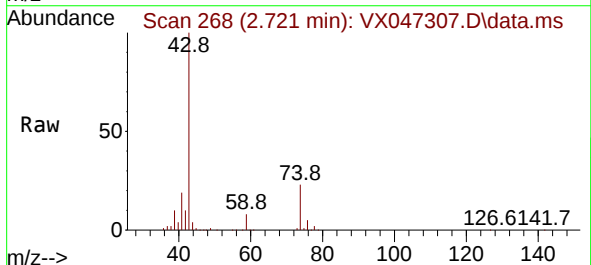
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

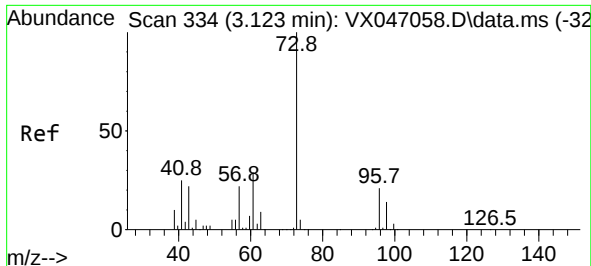
Tgt Ion: 76 Resp: 380084
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 58.297 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 43 Resp: 166988
Ion Ratio Lower Upper
43 100
74 22.4 17.7 26.5

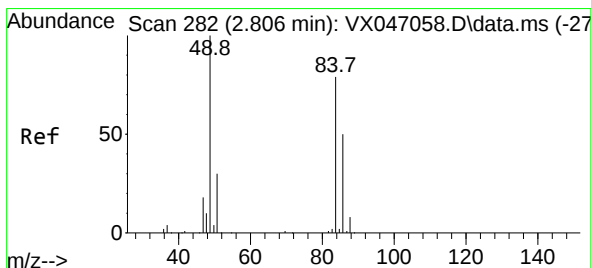
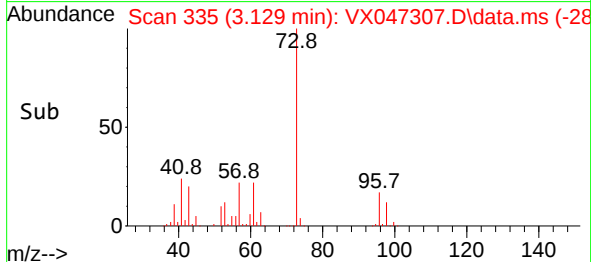
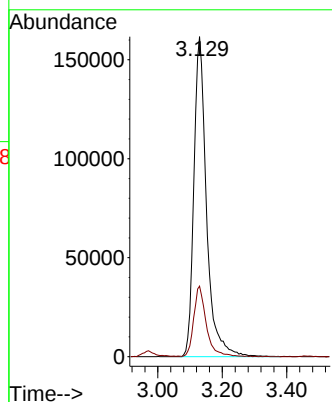
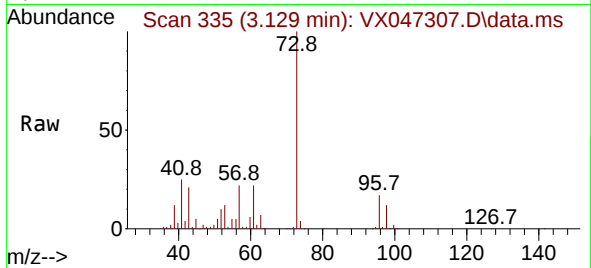




#19
Methyl tert-butyl Ether
Concen: 53.243 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

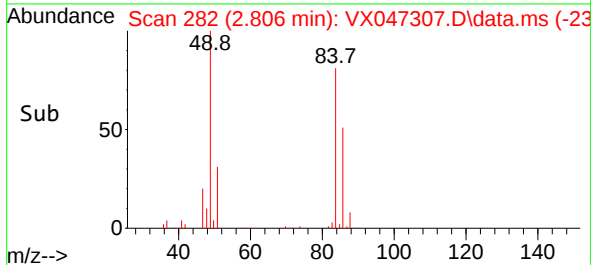
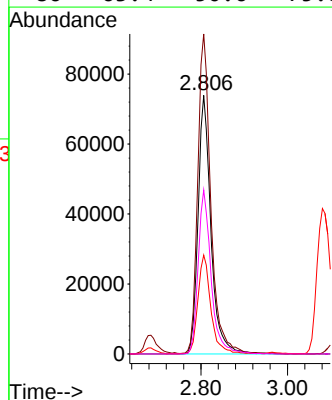
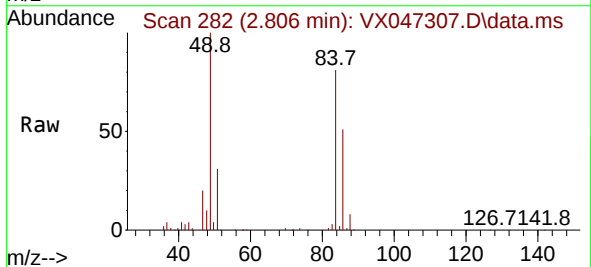
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

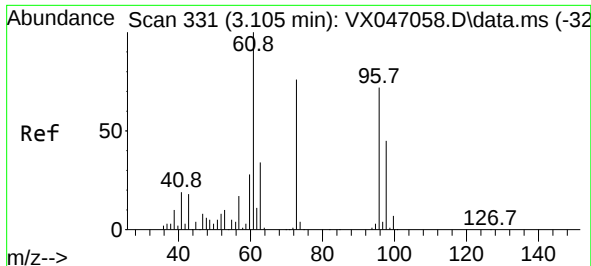
Tgt Ion: 73 Resp: 439853
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 51.514 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 84 Resp: 152756
Ion Ratio Lower Upper
84 100
49 123.6 101.6 152.4
51 38.1 30.3 45.5
86 63.4 50.6 75.8

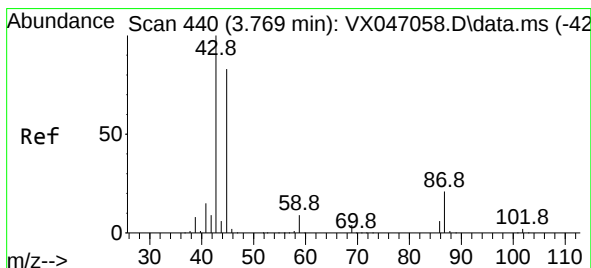
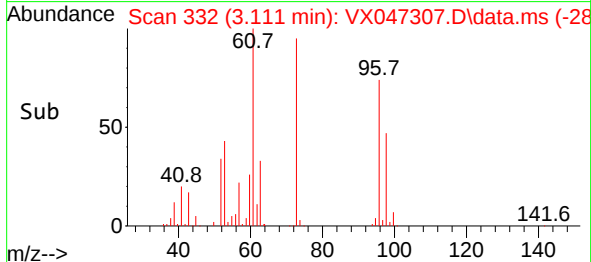
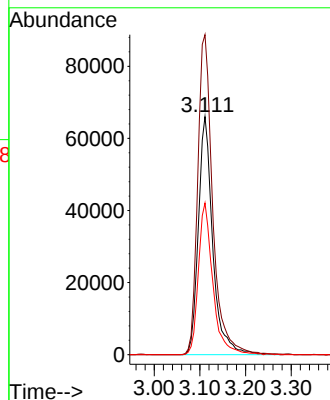
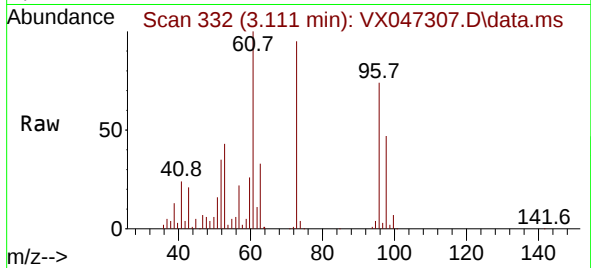




#21
trans-1,2-Dichloroethene
Concen: 52.222 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

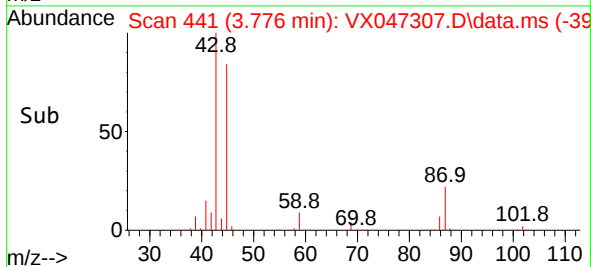
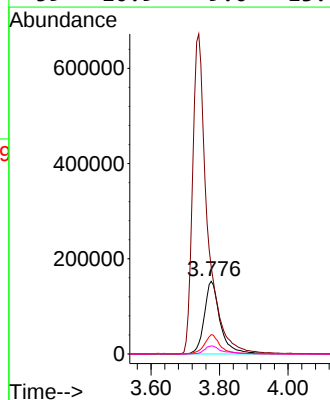
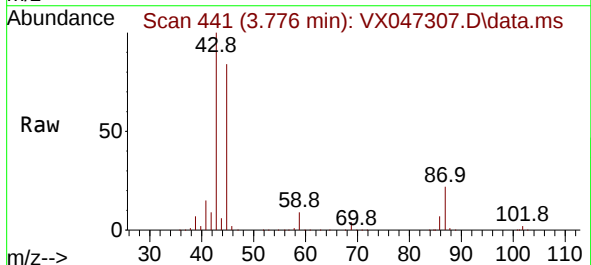
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

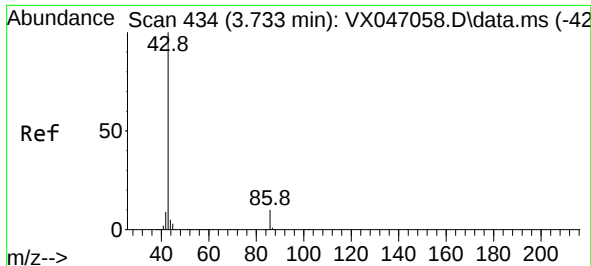
Tgt Ion: 96 Resp: 145059
Ion Ratio Lower Upper
96 100
61 134.4 111.1 166.7
98 63.7 49.6 74.4



#22
Diisopropyl ether
Concen: 52.281 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 45 Resp: 493204
Ion Ratio Lower Upper
45 100
43 119.1 96.8 145.2
87 26.4 20.5 30.7
59 10.9 9.0 13.4

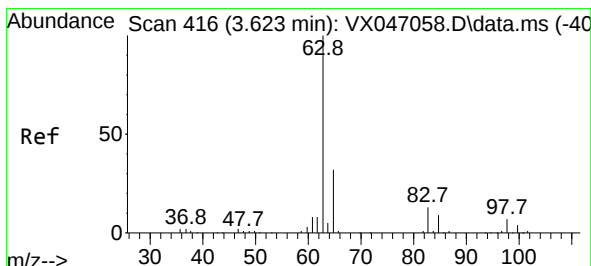
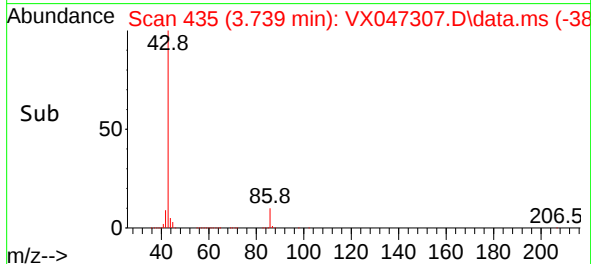
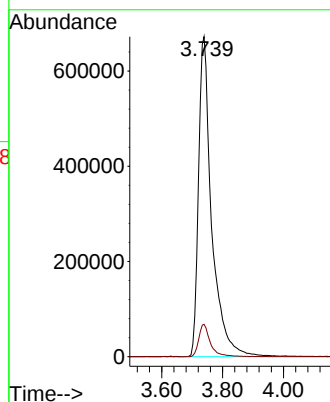
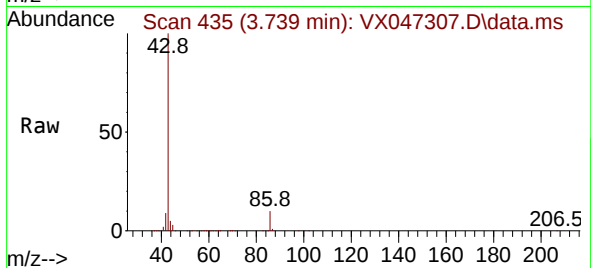




#23
 Vinyl Acetate
 Concen: 267.002 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

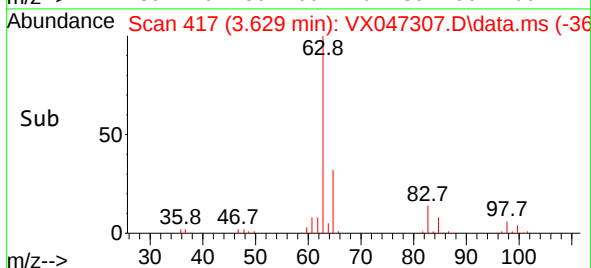
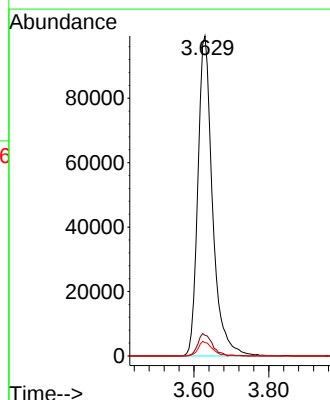
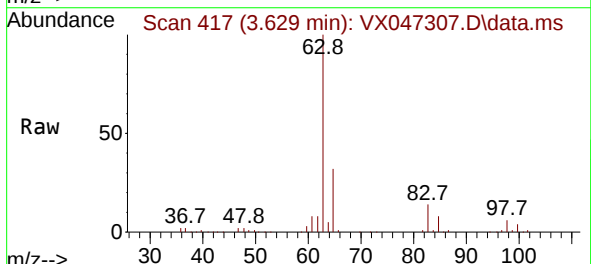
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

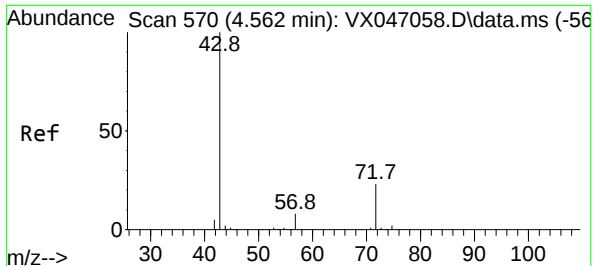
Tgt Ion: 43 Resp: 2020262
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 51.439 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

Tgt Ion: 63 Resp: 269844
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.1 2.3 6.8

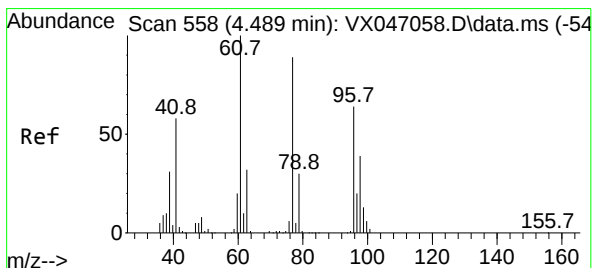
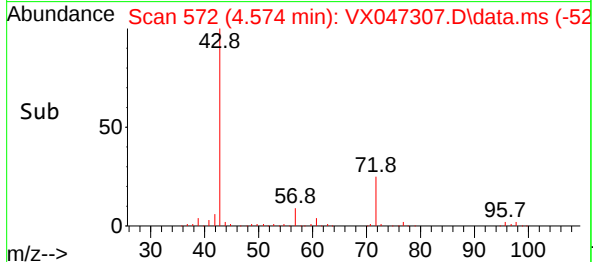
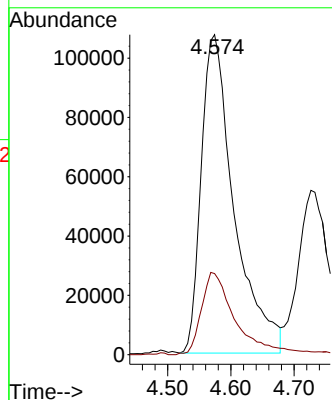
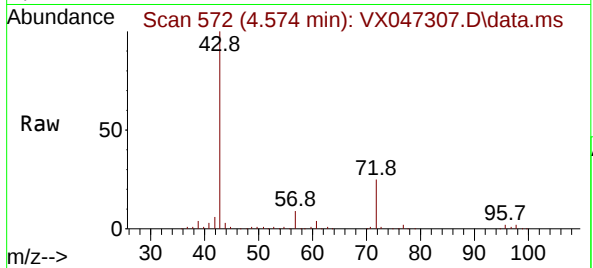




#25
2-Butanone
Concen: 247.769 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

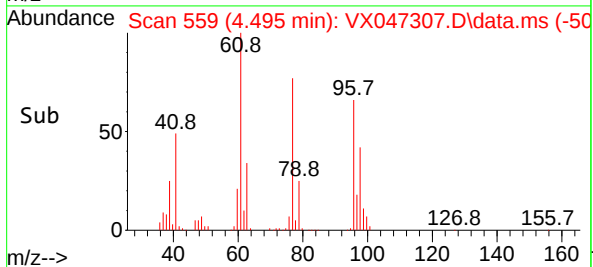
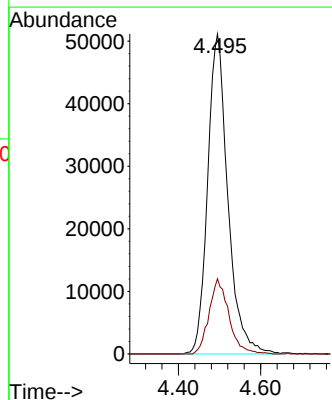
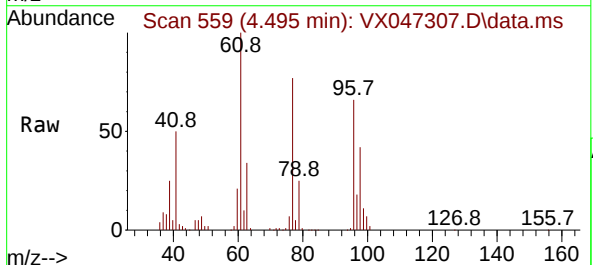
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 388866
Ion Ratio Lower Upper
43 100
72 26.2 18.8 28.2



#26
2,2-Dichloropropane
Concen: 42.869 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 77 Resp: 174083
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.739 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

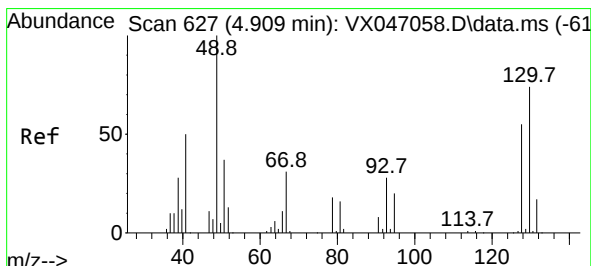
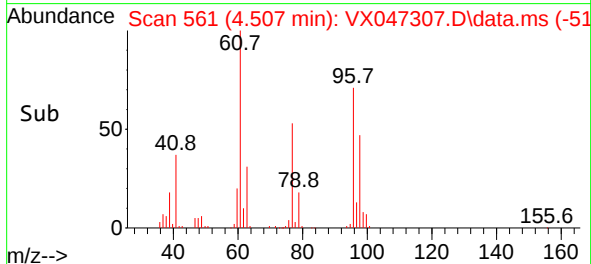
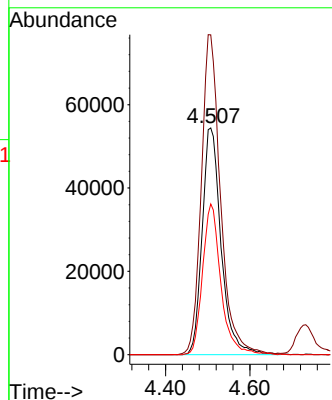
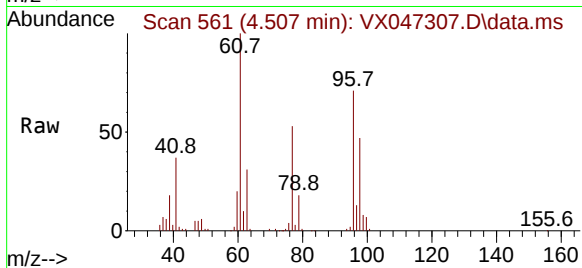
Tgt Ion: 96 Resp: 170185

Ion Ratio Lower Upper

96 100

61 143.6 0.0 298.6

98 63.9 0.0 128.8



#28

Bromochloromethane

Concen: 53.858 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

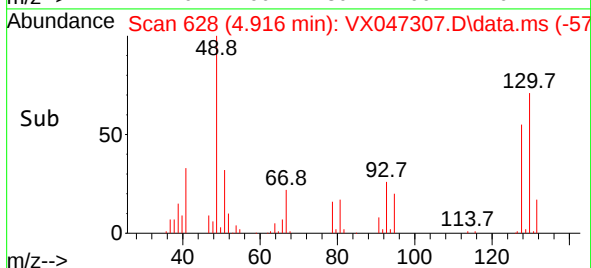
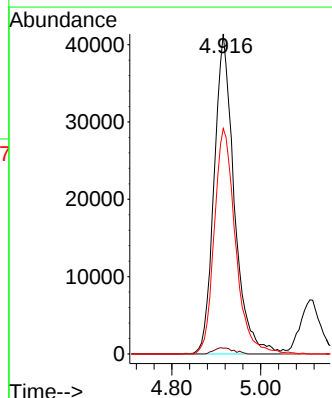
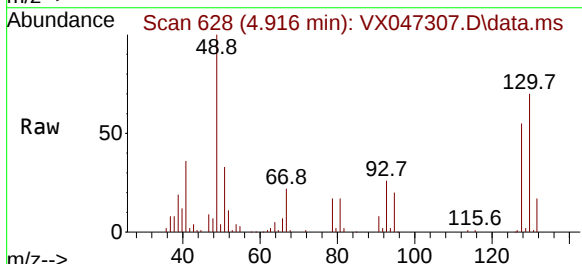
Tgt Ion: 49 Resp: 129983

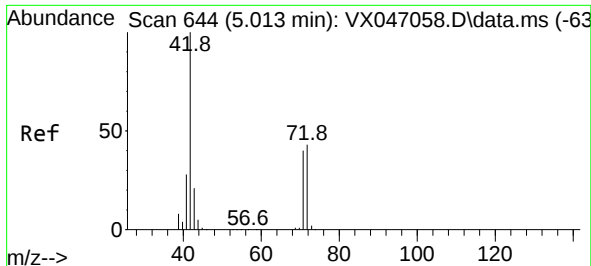
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 255.772 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

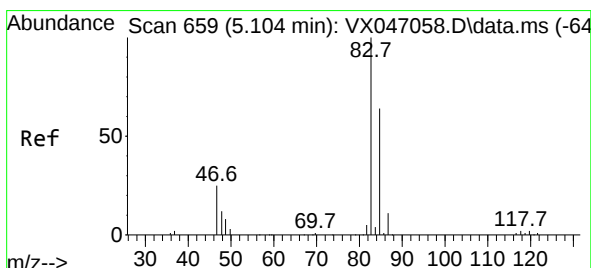
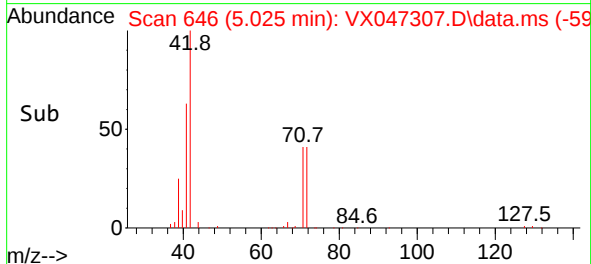
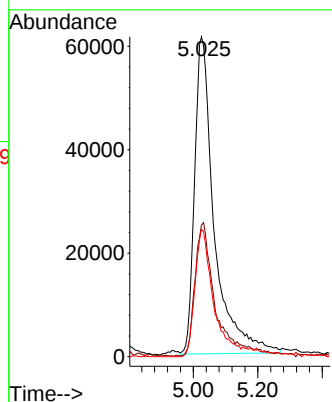
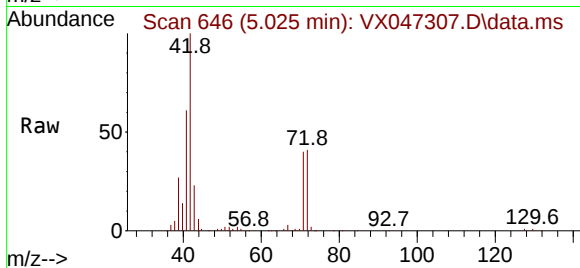
Tgt Ion: 42 Resp: 259007

Ion Ratio Lower Upper

42 100

72 42.7 33.7 50.5

71 39.1 31.0 46.4



#30

Chloroform

Concen: 51.222 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX047307.D

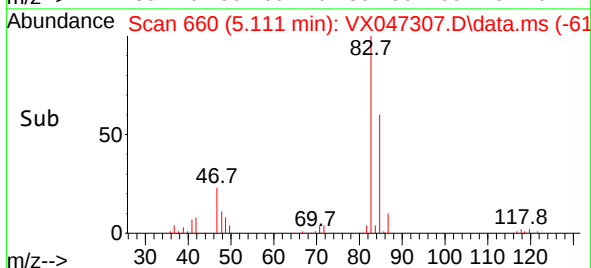
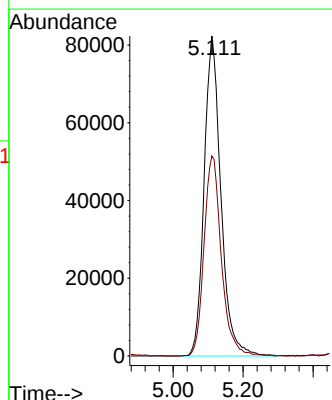
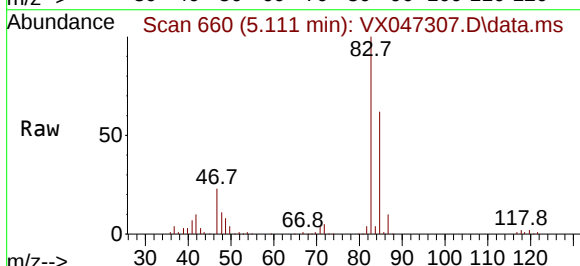
Acq: 12 Aug 2025 18:54

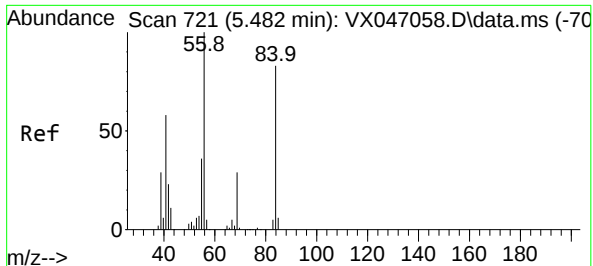
Tgt Ion: 83 Resp: 273523

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

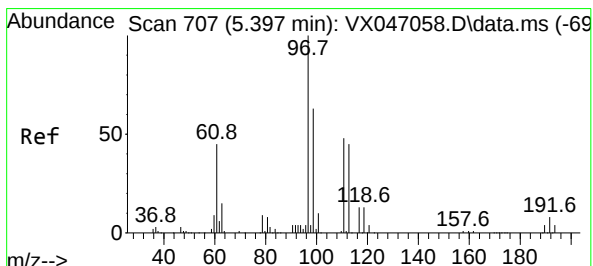
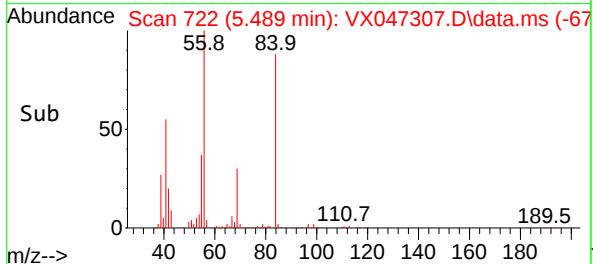
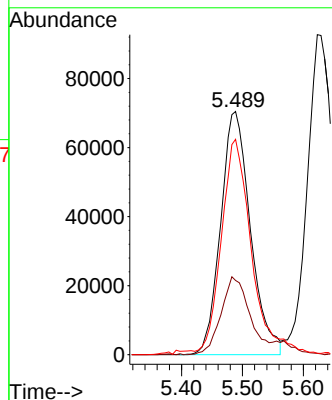
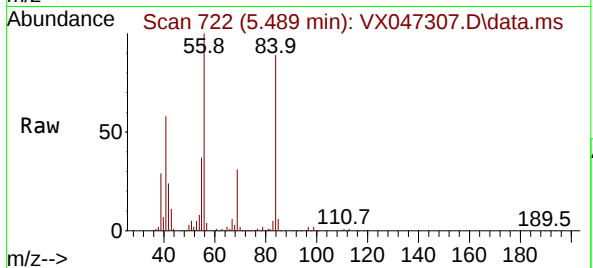




#31
Cyclohexane
Concen: 47.631 ug/l
RT: 5.489 min Scan# 712
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

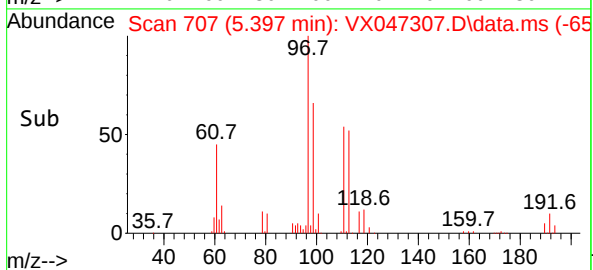
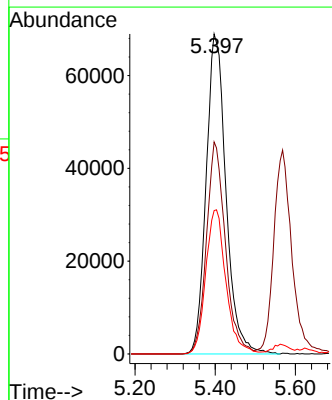
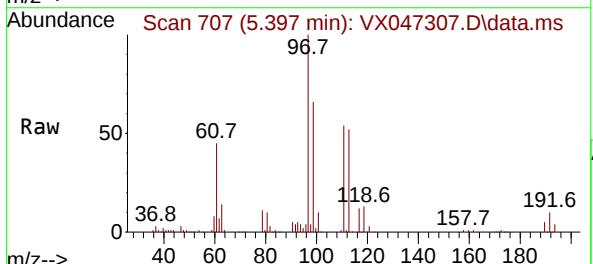
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

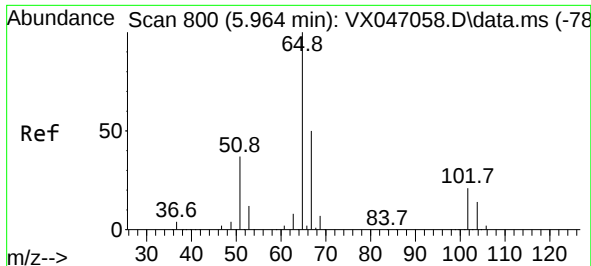
Tgt Ion: 56 Resp: 239579
Ion Ratio Lower Upper
56 100
69 30.1 23.3 34.9
84 87.2 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 51.073 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 97 Resp: 236883
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 46.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 48.424 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

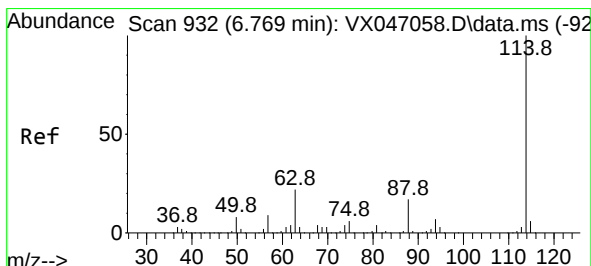
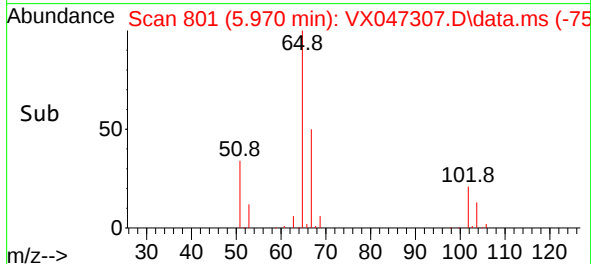
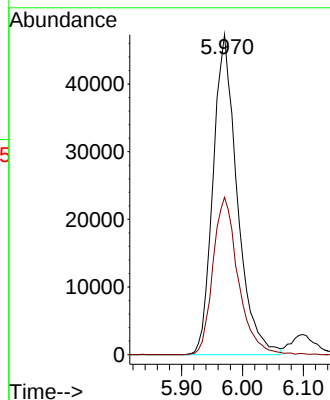
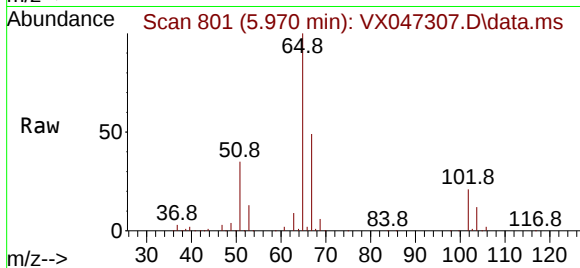
VSTDCCC050EC

Tgt Ion: 65 Resp: 130292

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

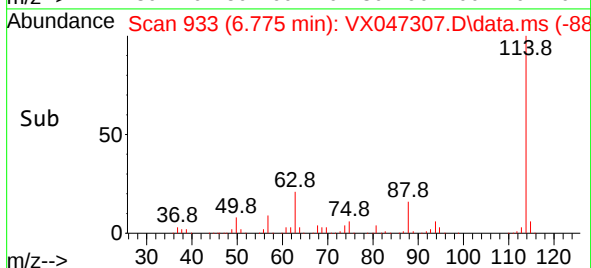
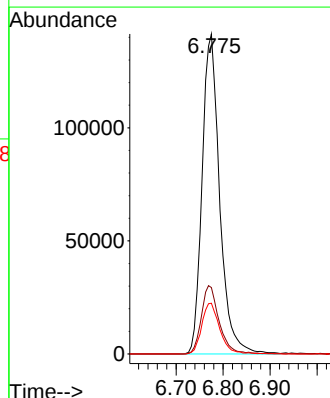
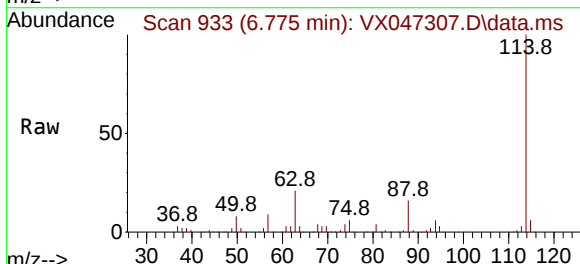
Tgt Ion: 114 Resp: 368205

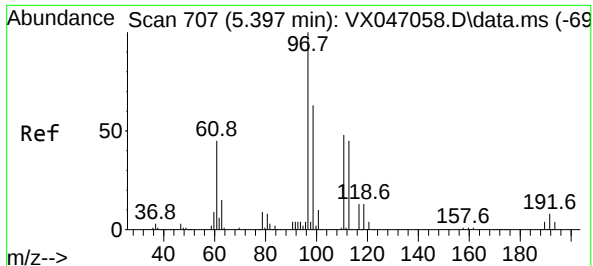
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.9 0.0 33.8

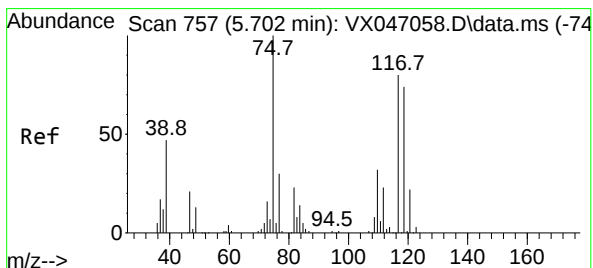
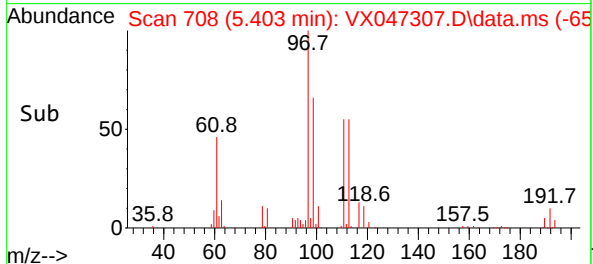
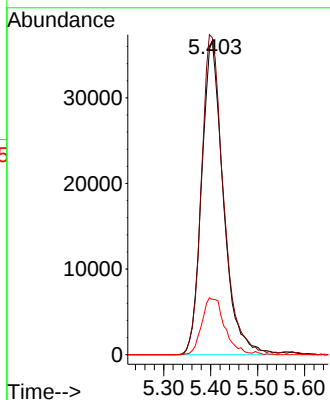
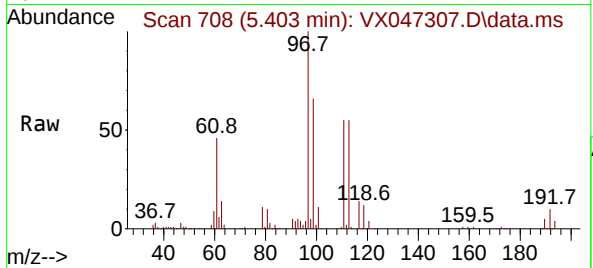




#35
Dibromofluoromethane
Concen: 51.707 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

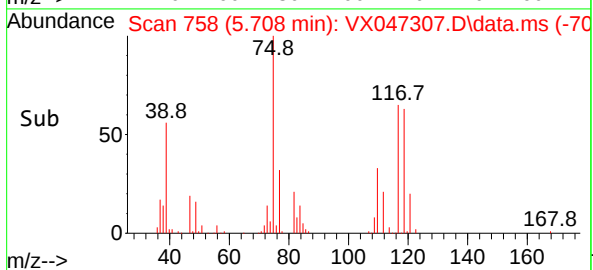
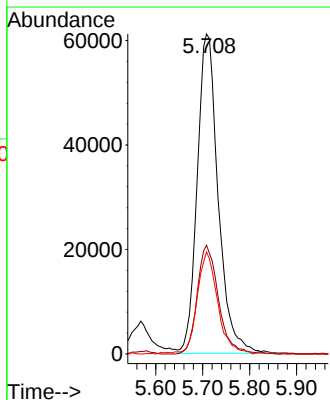
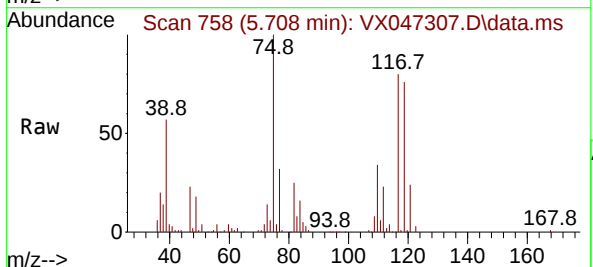
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

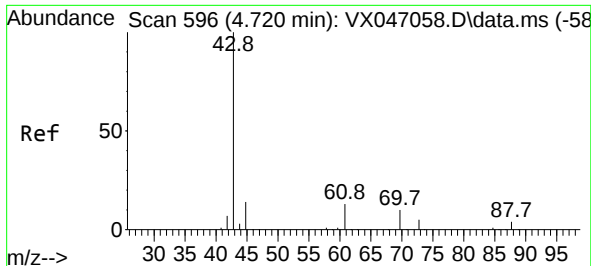
Tgt Ion:113 Resp: 117551
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 48.951 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 75 Resp: 189695
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 59.891 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

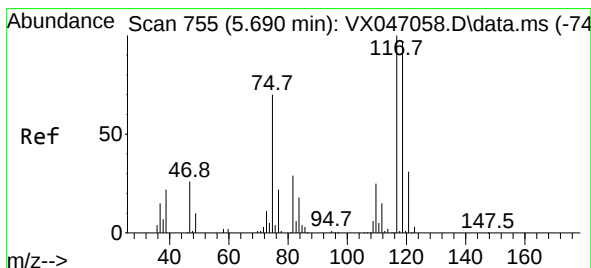
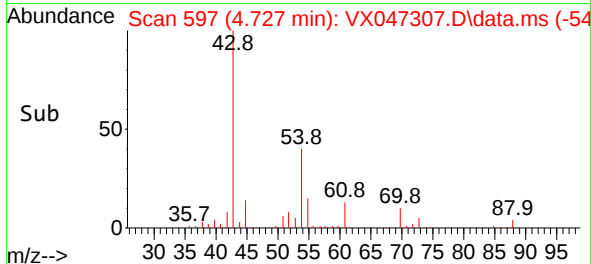
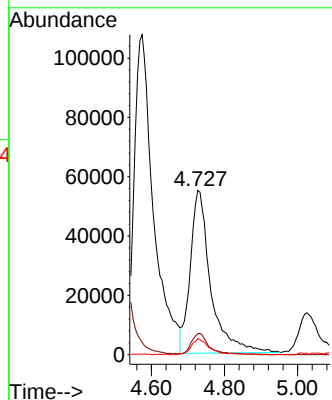
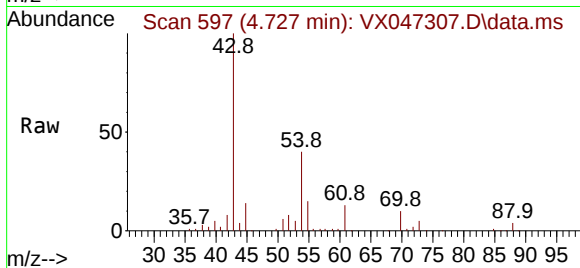
Tgt Ion: 43 Resp: 213863

Ion Ratio Lower Upper

43 100

61 10.7 10.2 15.2

70 8.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.665 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

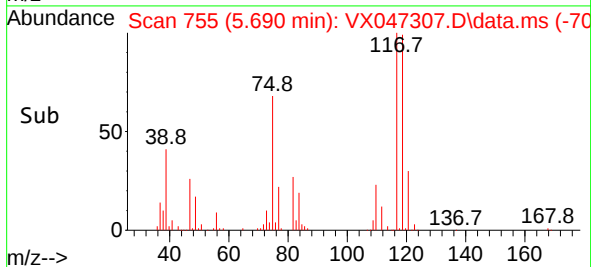
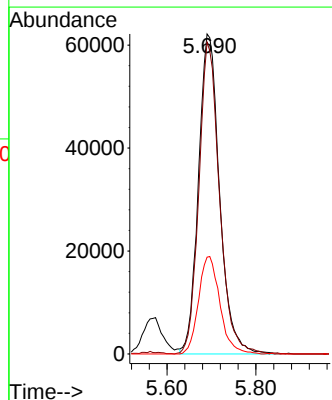
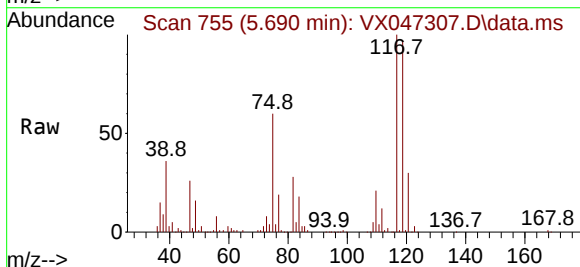
Tgt Ion: 117 Resp: 205421

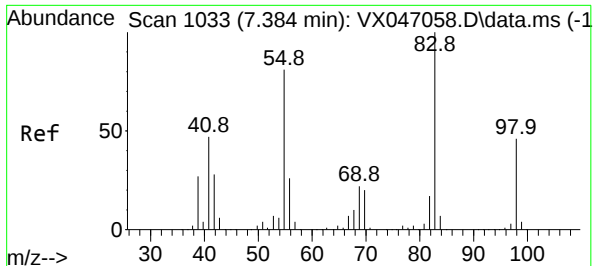
Ion Ratio Lower Upper

117 100

119 97.3 76.6 115.0

121 30.2 24.4 36.6





#39

Methylcyclohexane

Concen: 47.179 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

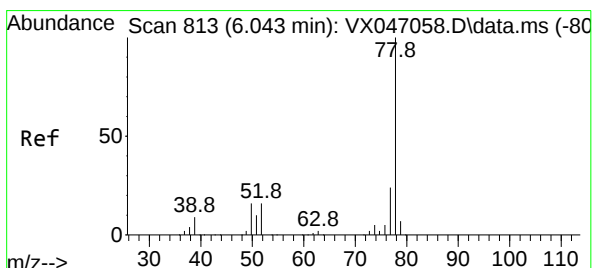
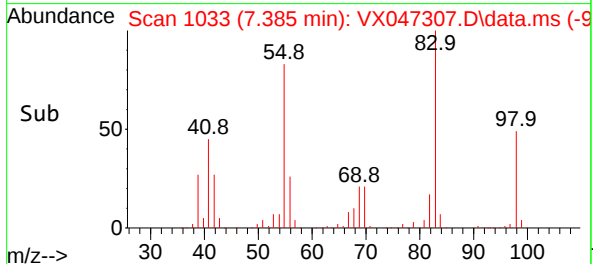
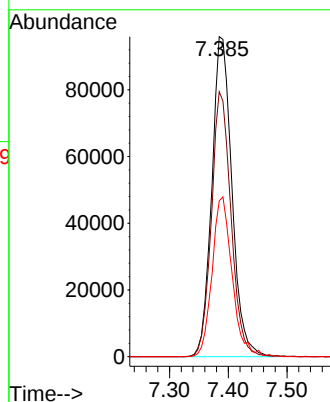
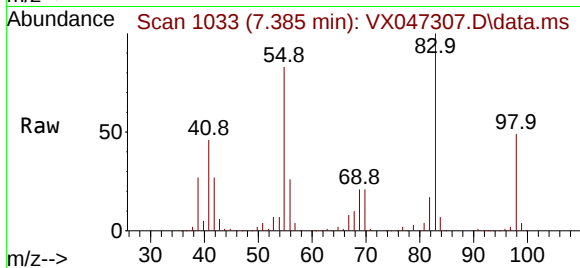
Tgt Ion: 83 Resp: 228274

Ion Ratio Lower Upper

83 100

55 82.8 64.5 96.7

98 48.7 36.9 55.3



#40

Benzene

Concen: 50.647 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX047307.D

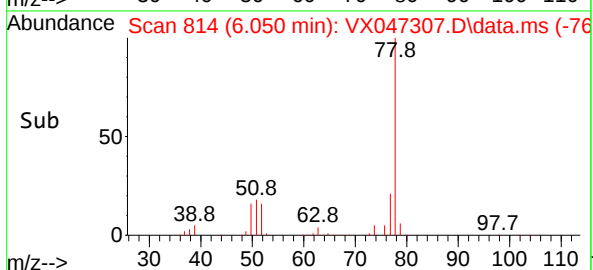
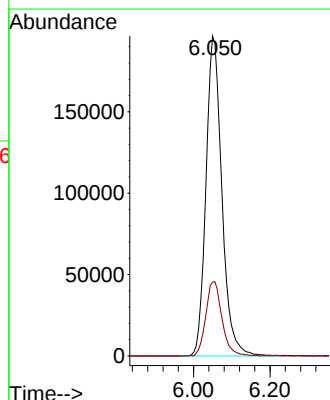
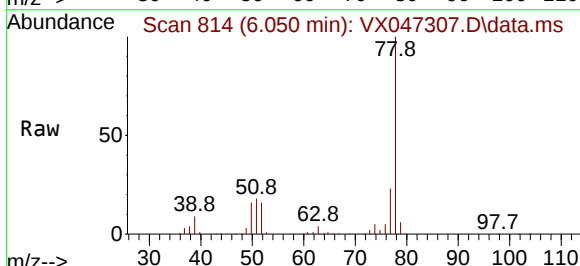
Acq: 12 Aug 2025 18:54

Tgt Ion: 78 Resp: 568008

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

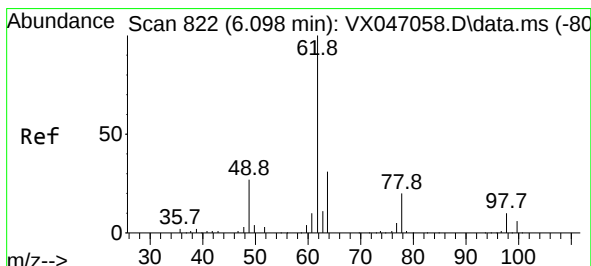
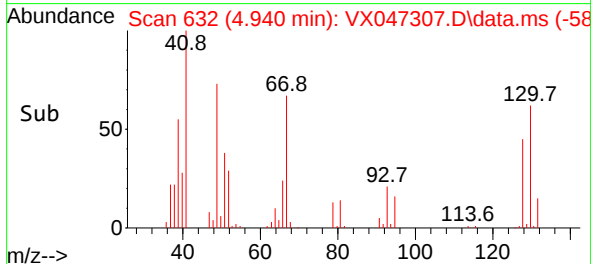
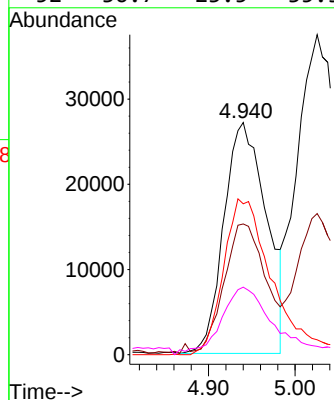
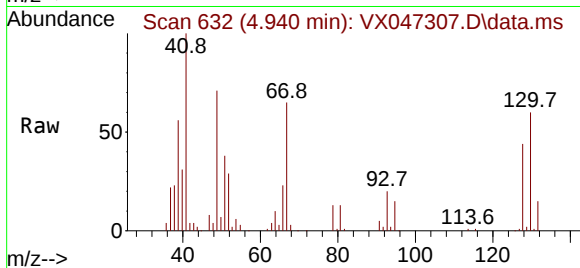




#41
Methacrylonitrile
Concen: 49.535 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

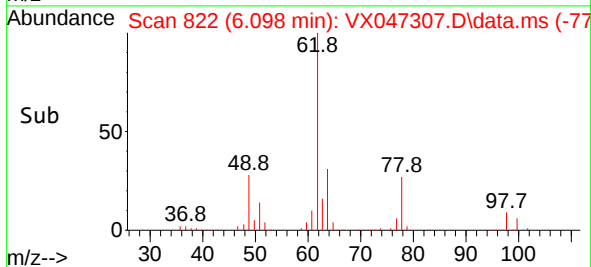
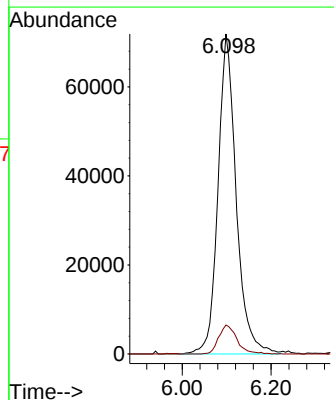
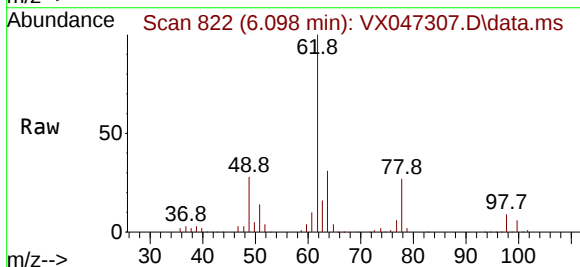
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

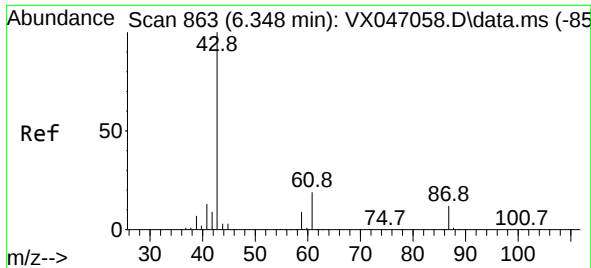
Tgt Ion:	41	Resp:	92486
Ion	Ratio	Lower	Upper
41	100		
39	53.4	44.2	66.2
67	78.2	56.4	84.6
52	36.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 51.596 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion:	62	Resp:	203832
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8





#43

Isopropyl Acetate

Concen: 53.445 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

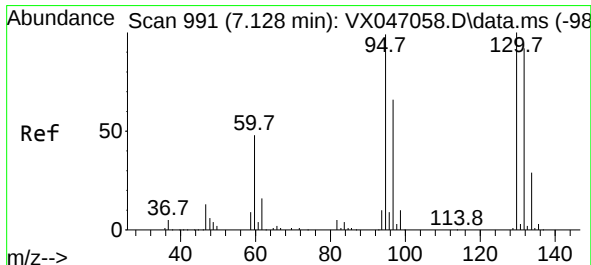
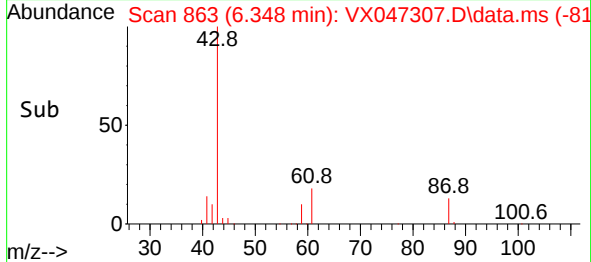
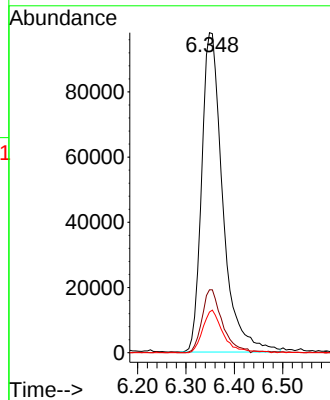
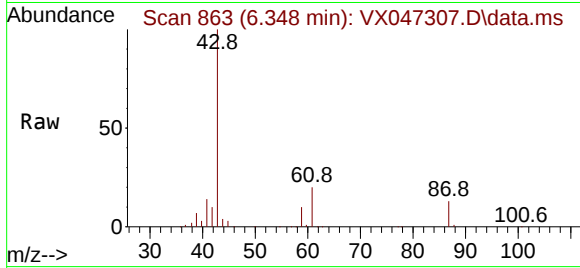
Tgt Ion: 43 Resp: 297523

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

87 12.6 9.7 14.5



#44

Trichloroethene

Concen: 50.265 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX047307.D

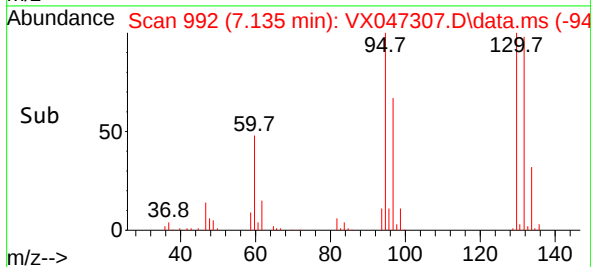
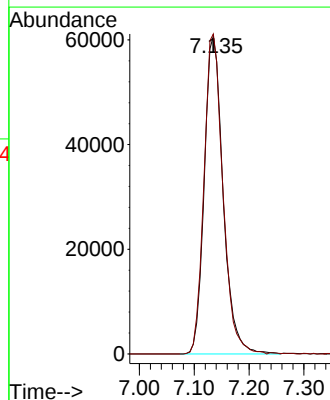
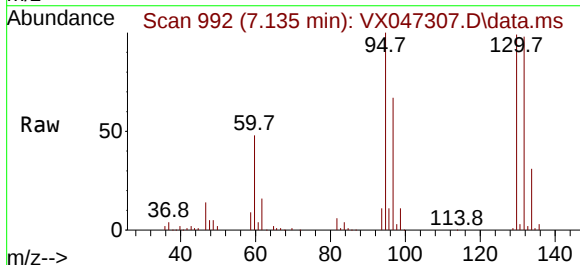
Acq: 12 Aug 2025 18:54

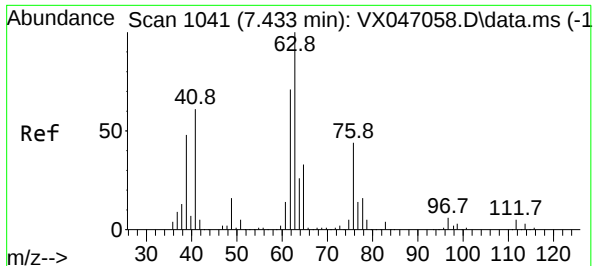
Tgt Ion:130 Resp: 144557

Ion Ratio Lower Upper

130 100

95 111.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 50.671 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

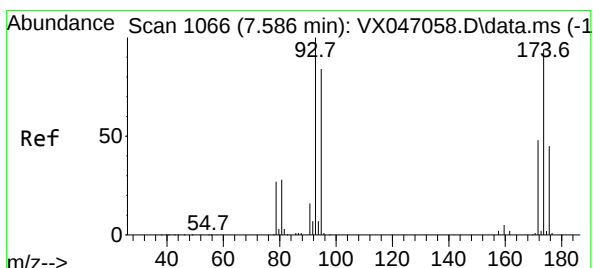
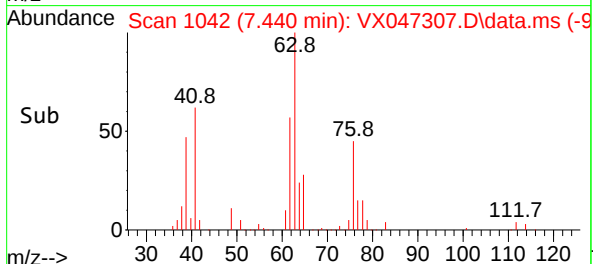
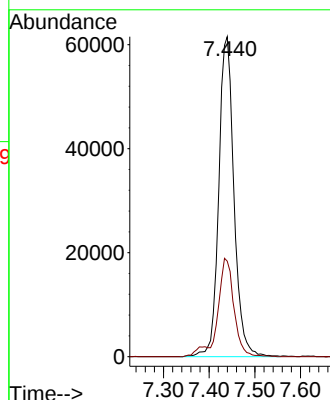
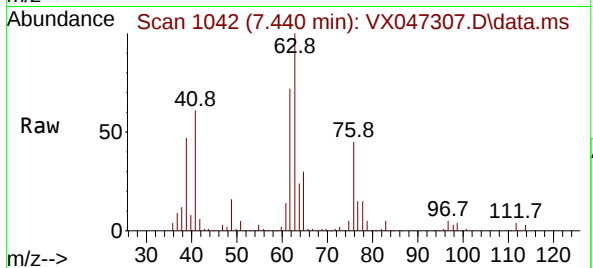
VSTDCCC050EC

Tgt Ion: 63 Resp: 142327

Ion Ratio Lower Upper

63 100

65 29.9 26.3 39.5



#46

Dibromomethane

Concen: 52.234 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

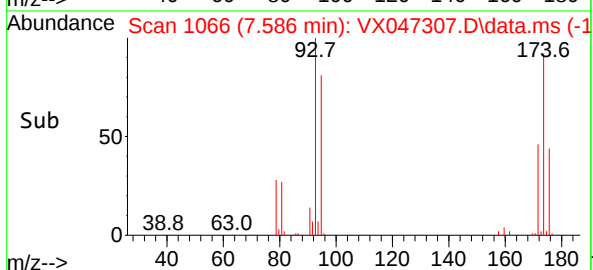
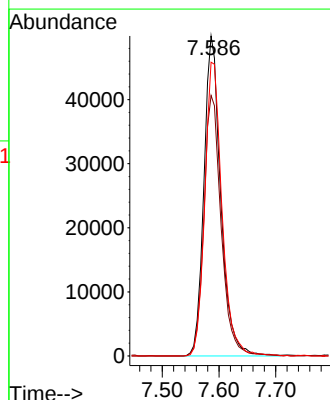
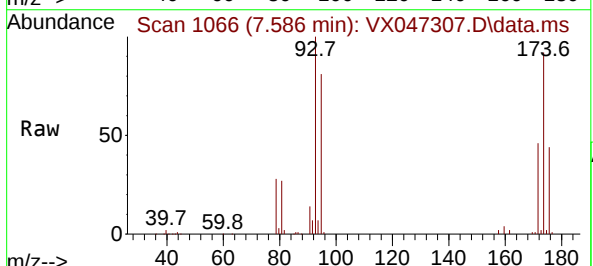
Tgt Ion: 93 Resp: 102887

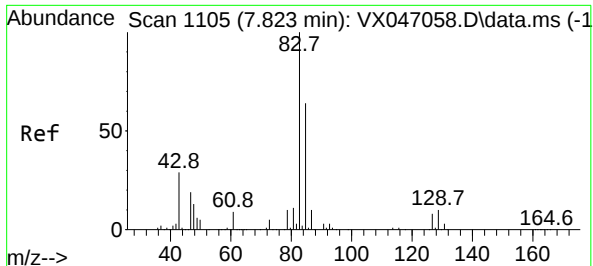
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 94.1 74.6 112.0

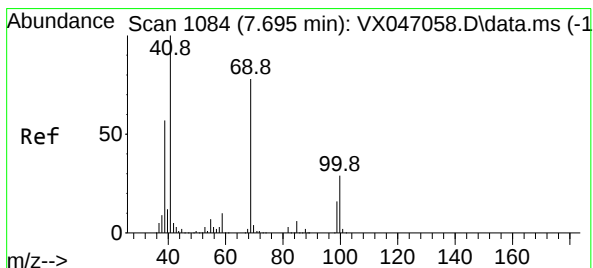
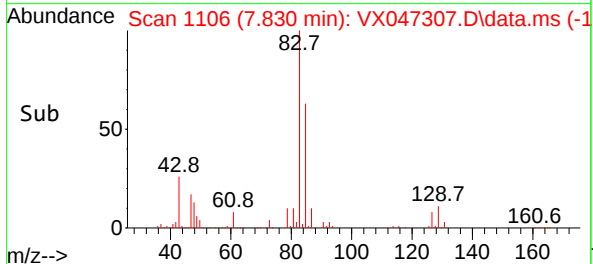
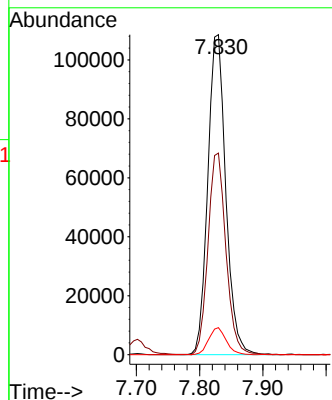
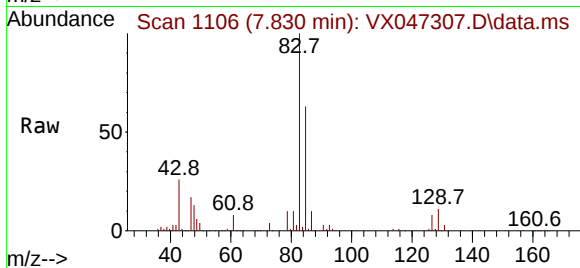




#47
Bromodichloromethane
Concen: 51.231 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

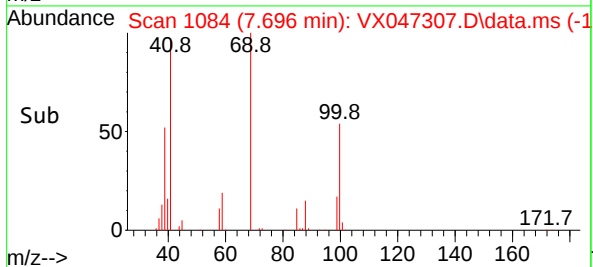
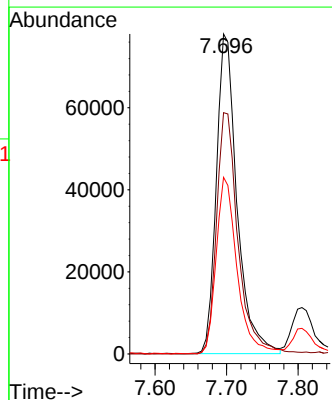
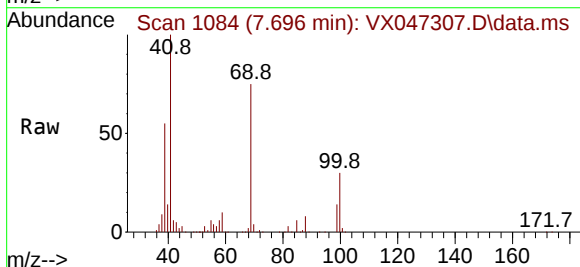
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

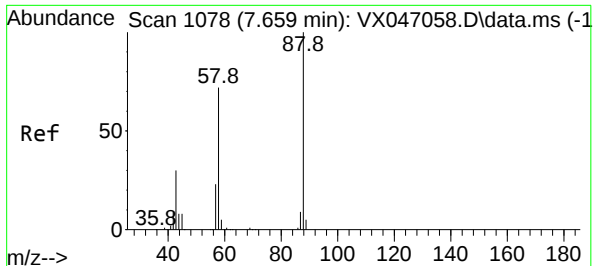
Tgt Ion: 83 Resp: 214793
Ion Ratio Lower Upper
83 100
85 63.0 49.9 74.9
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 51.748 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 41 Resp: 156932
Ion Ratio Lower Upper
41 100
69 78.6 62.3 93.5
39 55.5 44.8 67.2





#49

1,4-Dioxane

Concen: 855.697 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

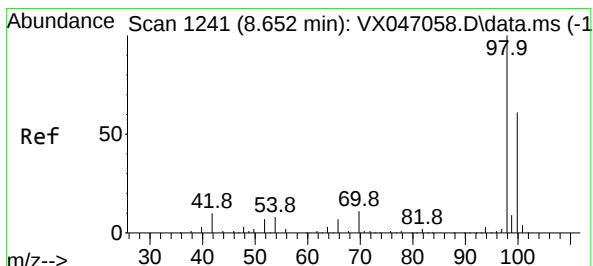
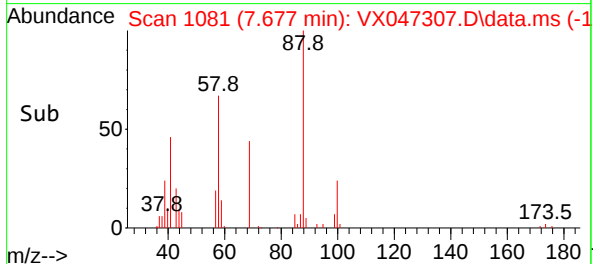
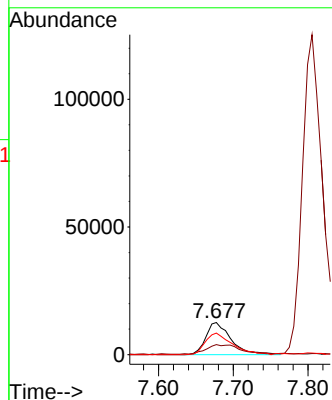
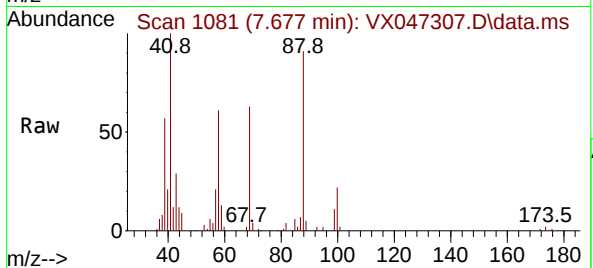
Tgt Ion: 88 Resp: 29515

Ion Ratio Lower Upper

88 100

43 39.9 33.6 50.4

58 72.1 58.8 88.2



#50

Toluene-d8

Concen: 44.862 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047307.D

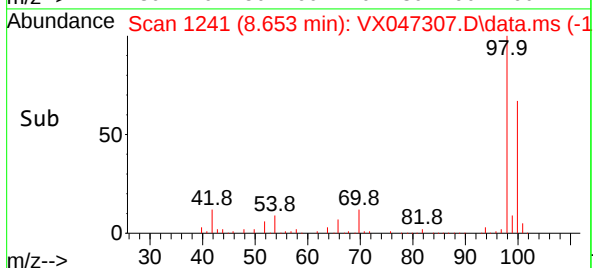
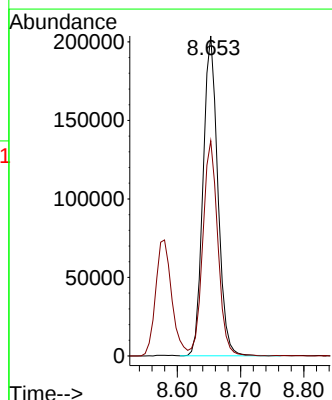
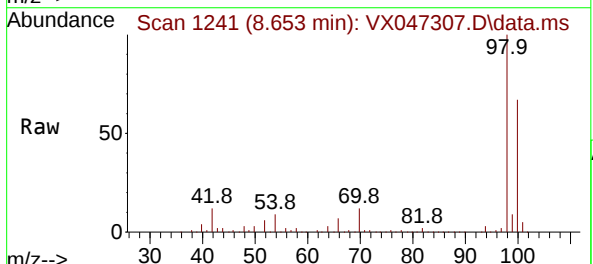
Acq: 12 Aug 2025 18:54

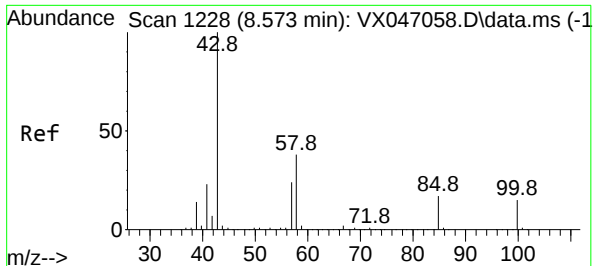
Tgt Ion: 98 Resp: 330293

Ion Ratio Lower Upper

98 100

100 68.5 53.3 79.9

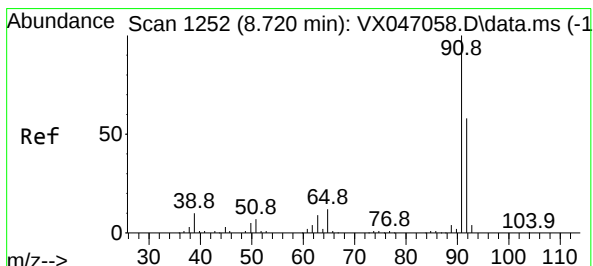
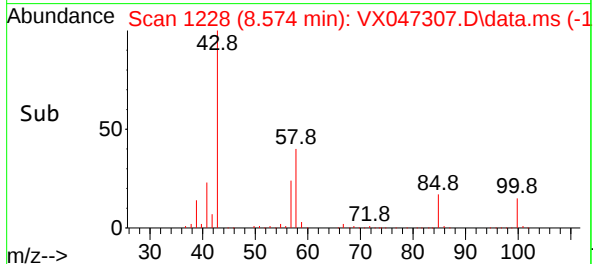
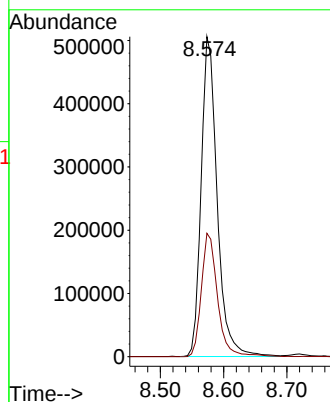
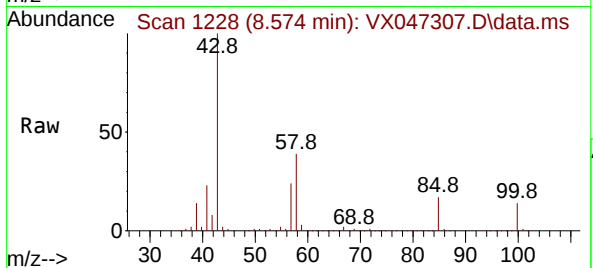




#51
4-Methyl-2-Pentanone
Concen: 269.360 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

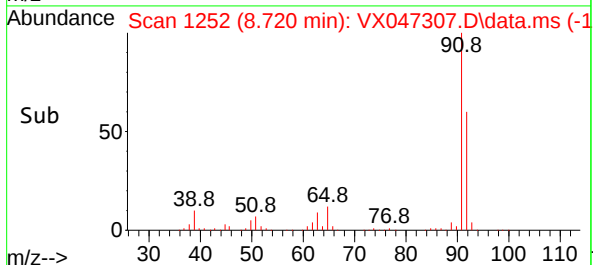
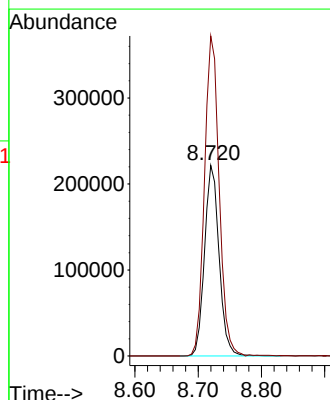
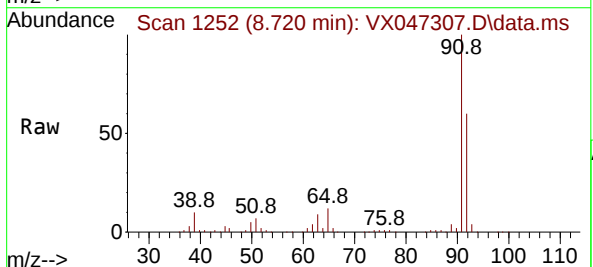
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

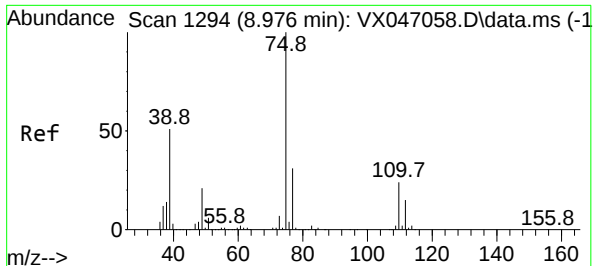
Tgt Ion: 43 Resp: 891277
Ion Ratio Lower Upper
43 100
58 39.0 30.6 45.8



#52
Toluene
Concen: 51.450 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 92 Resp: 354794
Ion Ratio Lower Upper
92 100
91 169.4 137.9 206.9

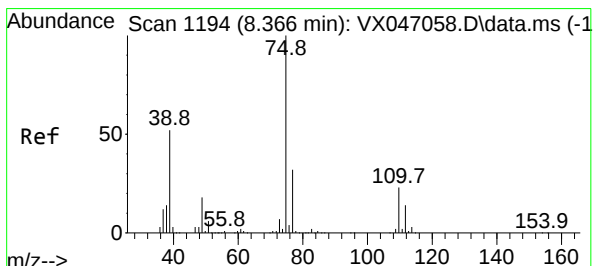
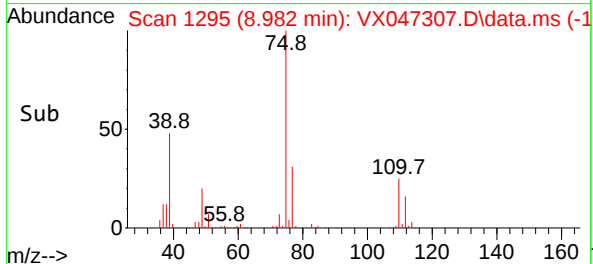
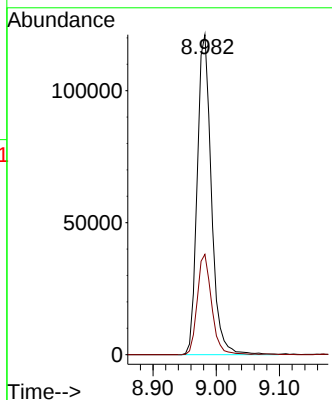
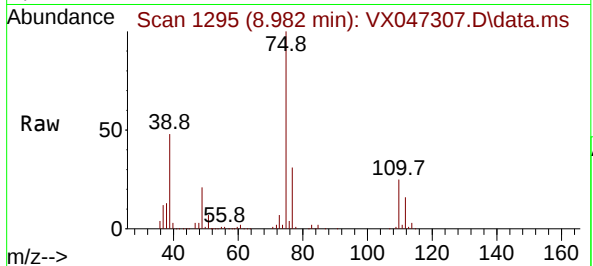




#53
 t-1,3-Dichloropropene
 Concen: 47.746 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

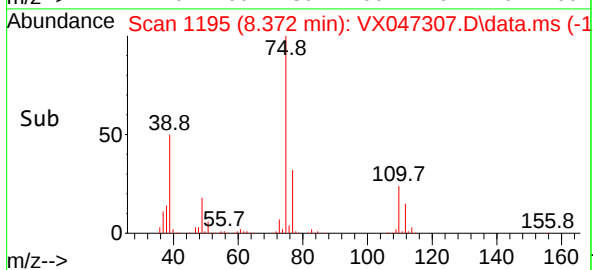
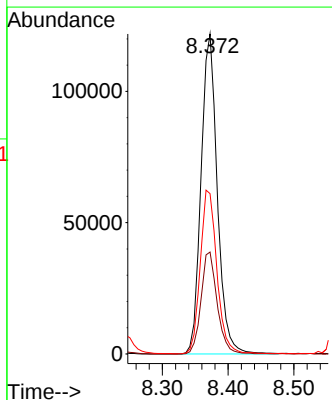
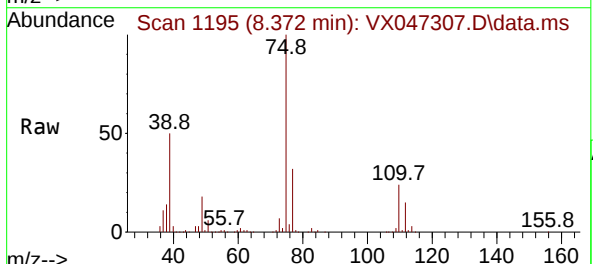
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

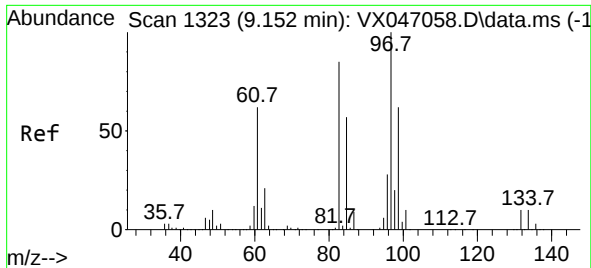
Tgt Ion: 75 Resp: 189031
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 48.387 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

Tgt Ion: 75 Resp: 209668
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 50.0 41.8 62.6



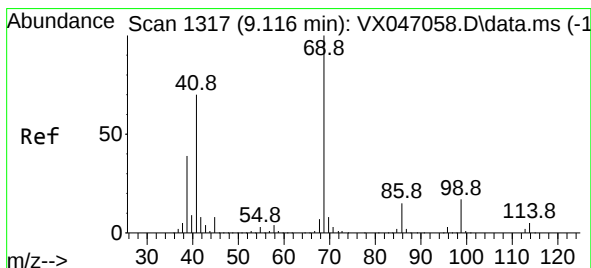
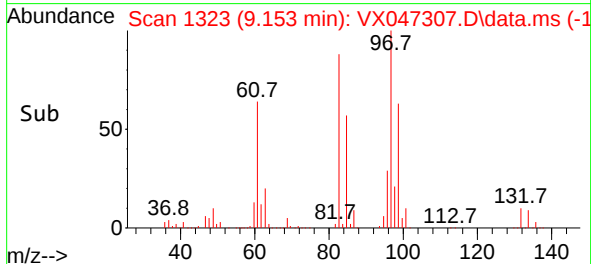
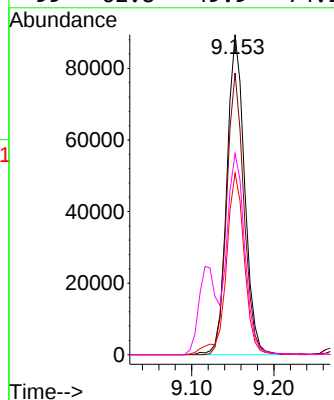
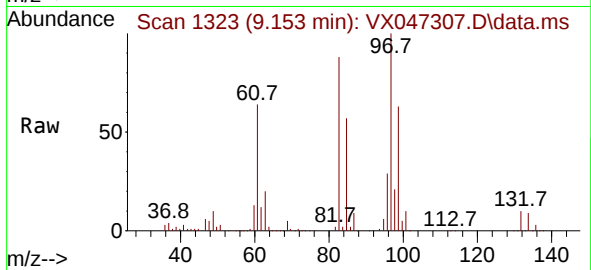


#55
1,1,2-Trichloroethane
Concen: 51.723 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 133763

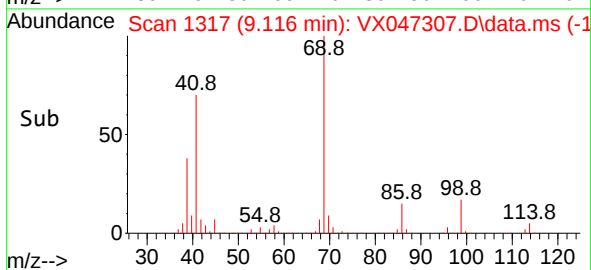
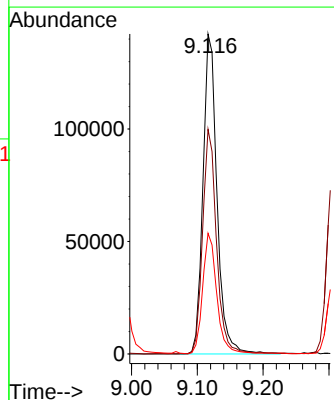
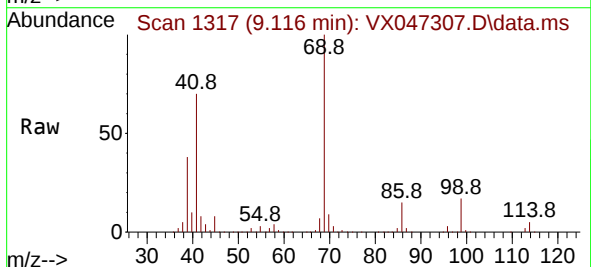
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.0	102.0
85	56.7	45.2	67.8
99	62.8	49.9	74.9

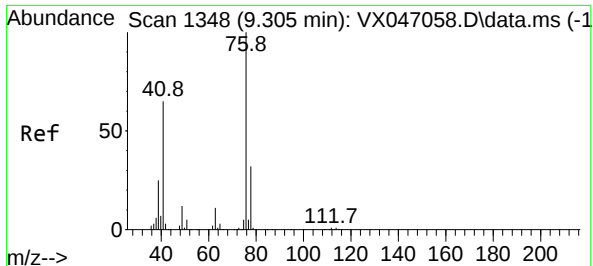


#56
Ethyl methacrylate
Concen: 55.161 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 69 Resp: 211187

Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.1	84.1
39	38.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.678 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

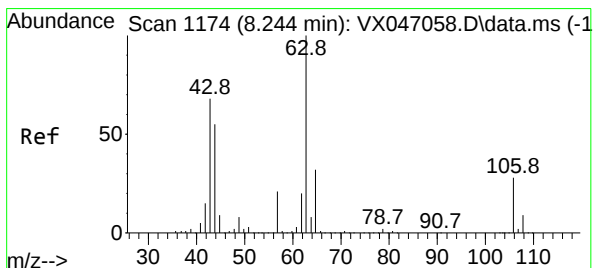
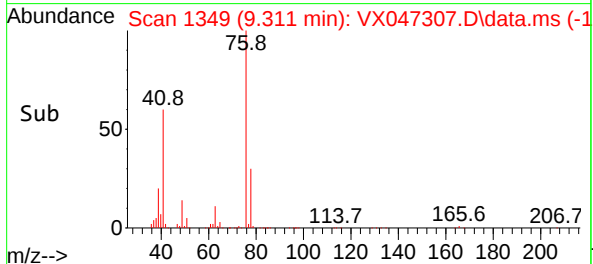
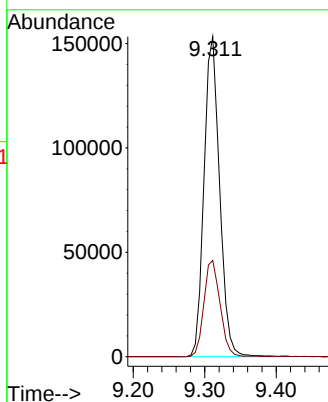
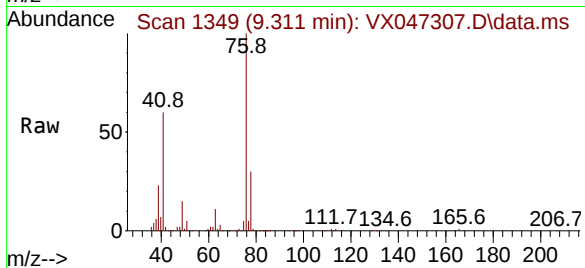
VSTDCCC050EC

Tgt Ion: 76 Resp: 232270

Ion Ratio Lower Upper

76 100

78 31.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 252.526 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047307.D

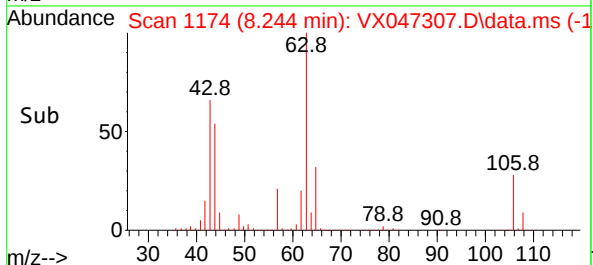
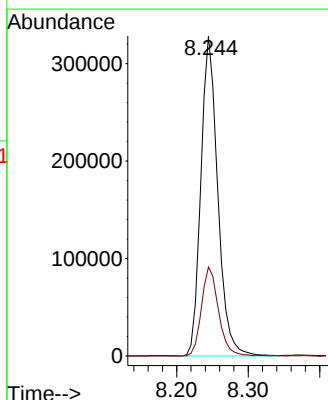
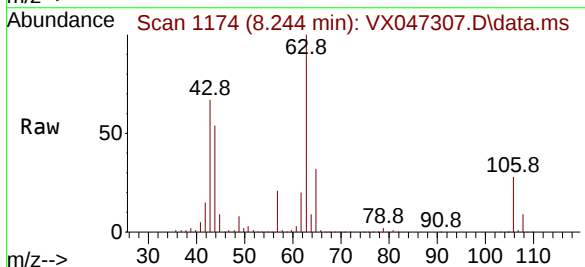
Acq: 12 Aug 2025 18:54

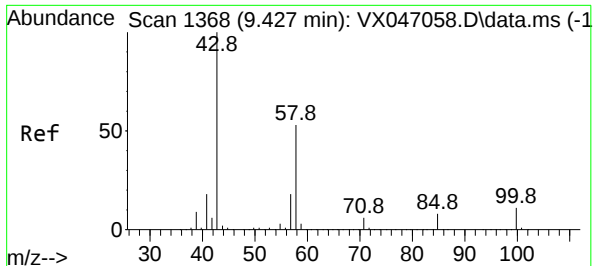
Tgt Ion: 63 Resp: 537996

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.4





#59

2-Hexanone

Concen: 283.920 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

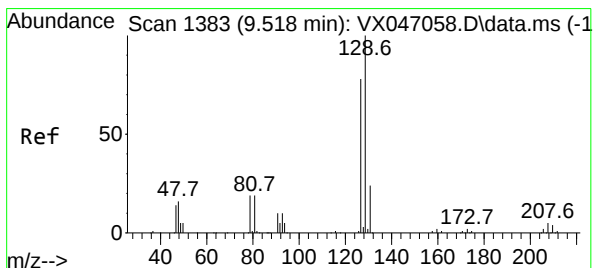
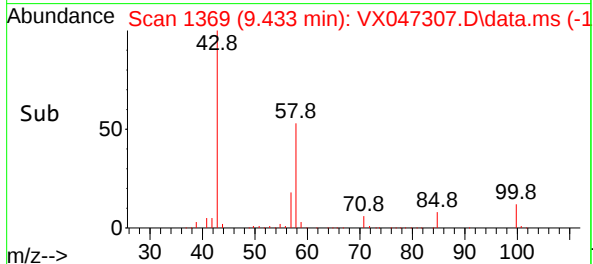
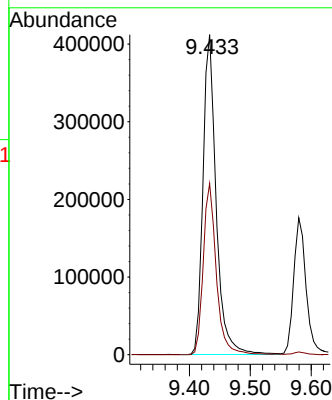
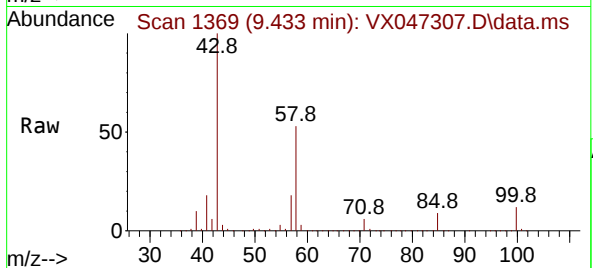
VSTDCCC050EC

Tgt Ion: 43 Resp: 620680

Ion Ratio Lower Upper

43 100

58 53.2 26.5 79.5



#60

Dibromochloromethane

Concen: 51.976 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047307.D

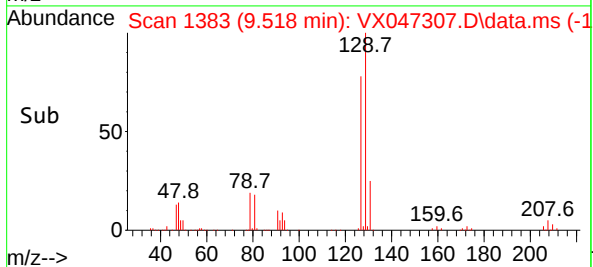
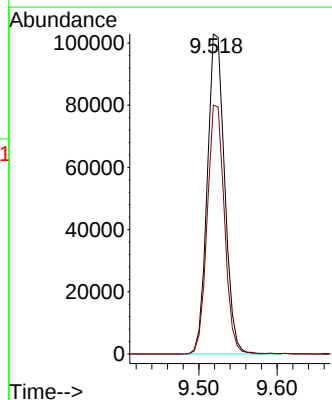
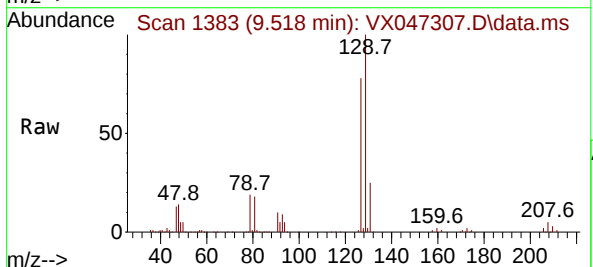
Acq: 12 Aug 2025 18:54

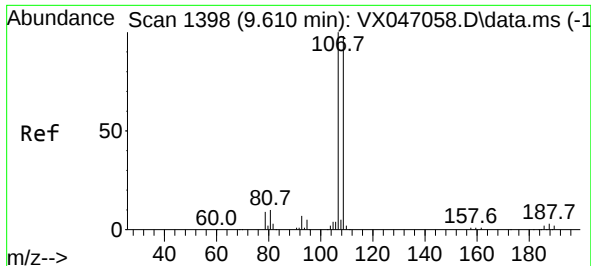
Tgt Ion:129 Resp: 157647

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8

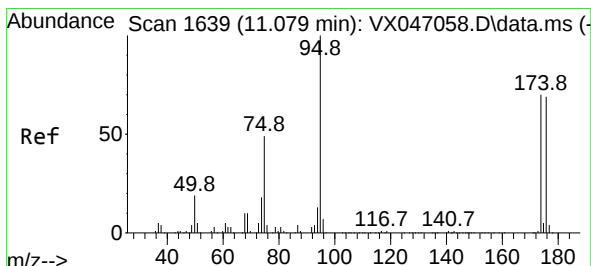
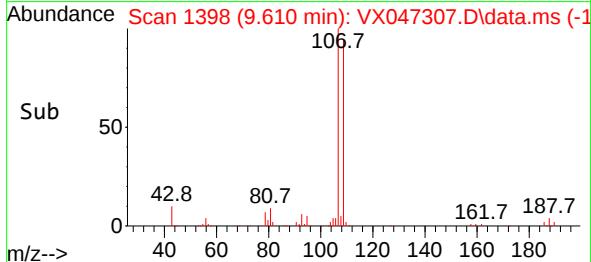
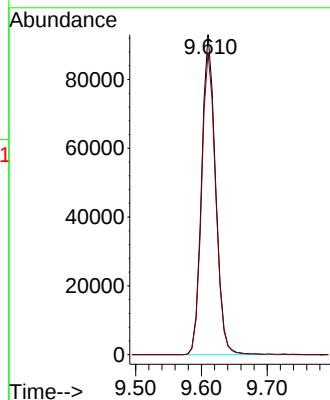
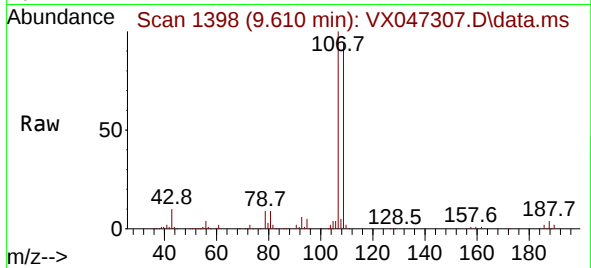




#61
1,2-Dibromoethane
Concen: 50.891 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

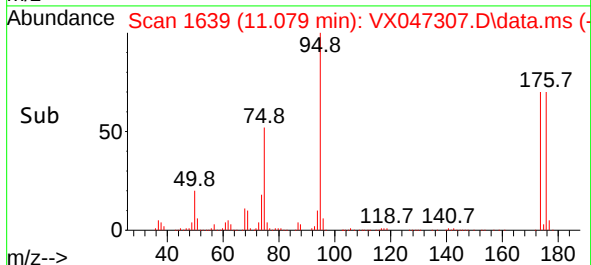
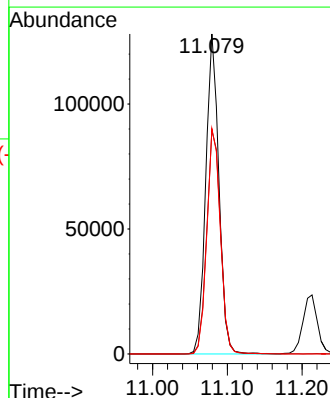
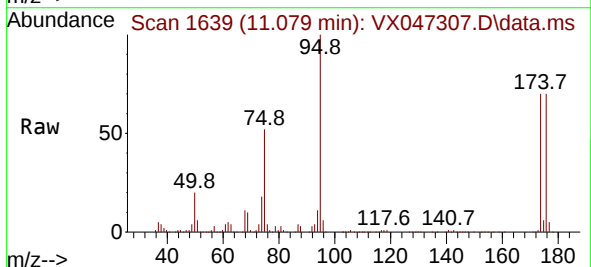
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

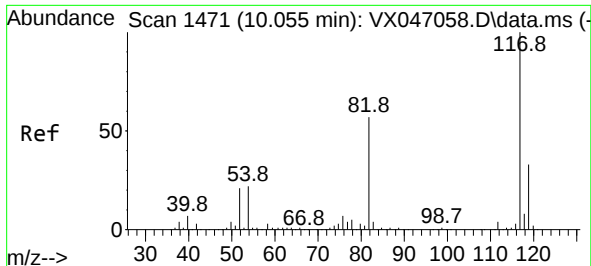
Tgt Ion:107 Resp: 137616
Ion Ratio Lower Upper
107 100
109 95.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 95 Resp: 155757
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.6
176 72.5 0.0 139.6

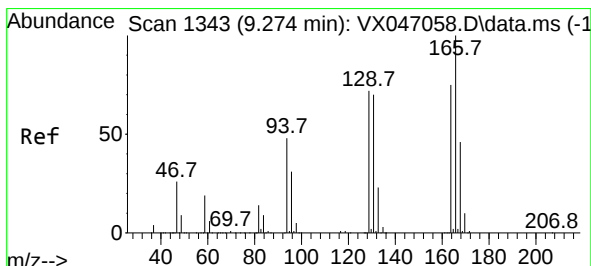
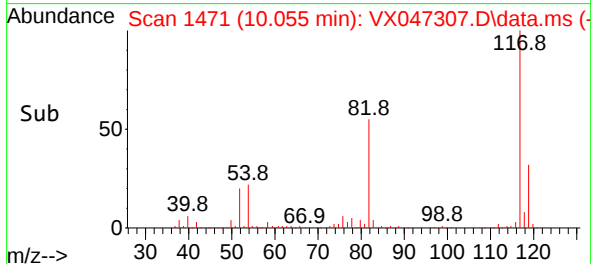
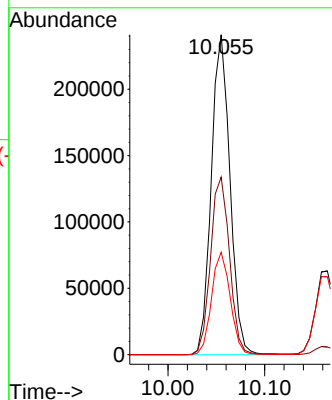
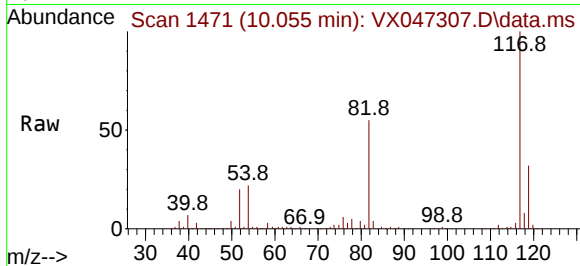




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

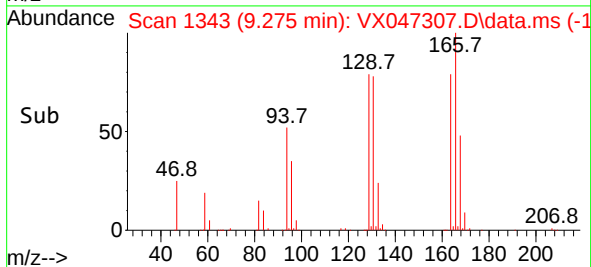
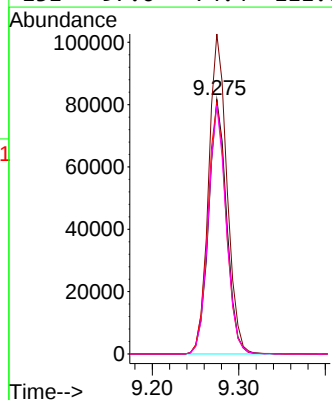
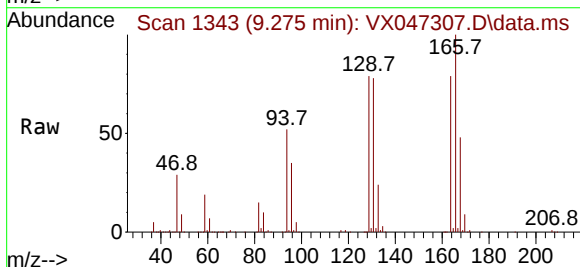
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

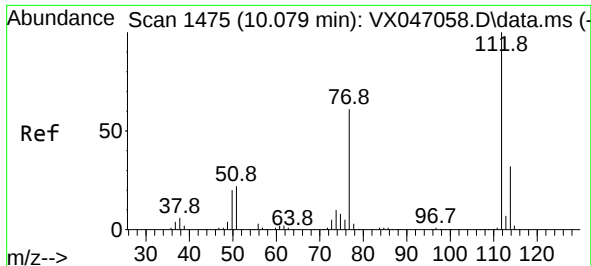
Tgt Ion:117 Resp: 323727
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 50.267 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion:164 Resp: 117308
Ion Ratio Lower Upper
164 100
166 125.8 106.2 159.4
129 98.8 76.6 114.8
131 97.6 74.4 111.6

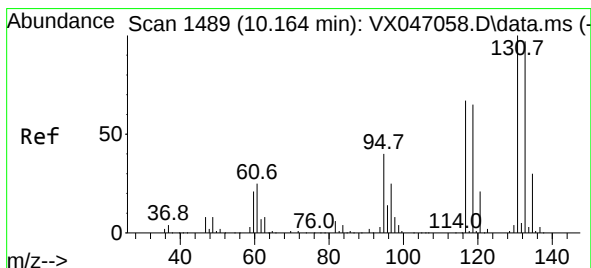
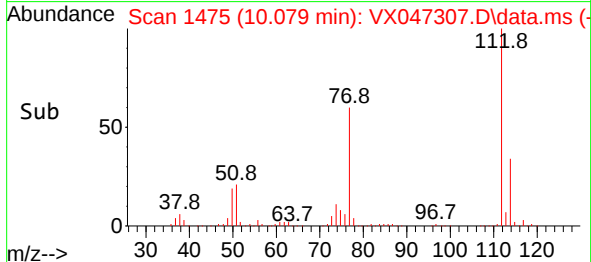
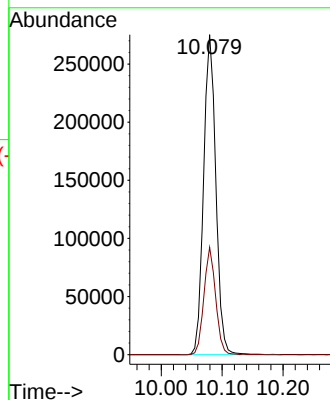
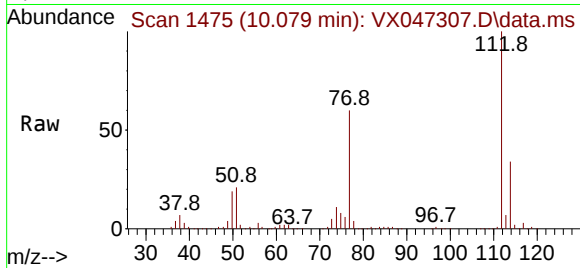




#65
Chlorobenzene
Concen: 50.704 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

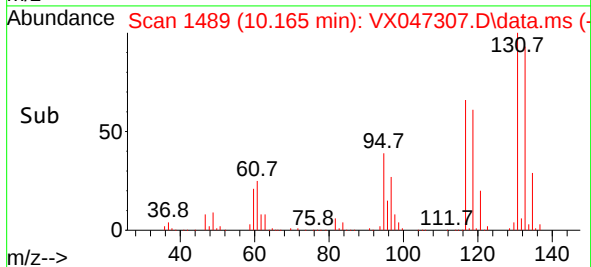
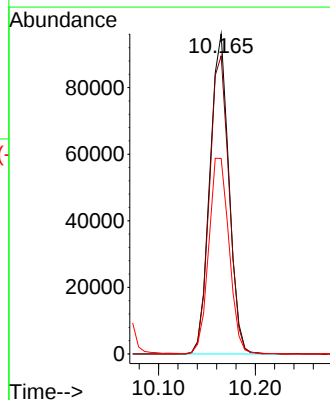
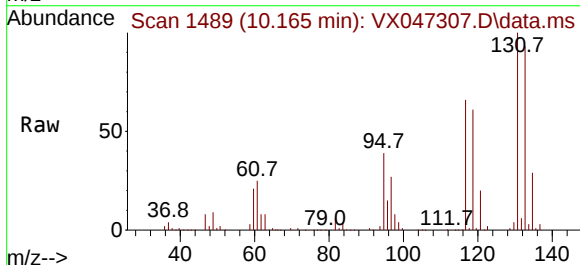
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

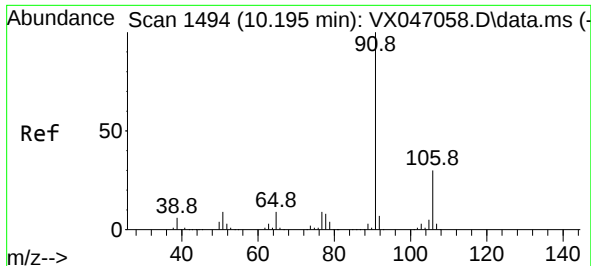
Tgt Ion:112 Resp: 384532
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.426 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion:131 Resp: 131306
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.3
119 65.0 32.4 97.0





#67

Ethyl Benzene

Concen: 51.369 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

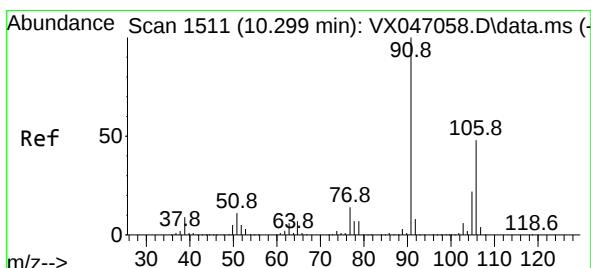
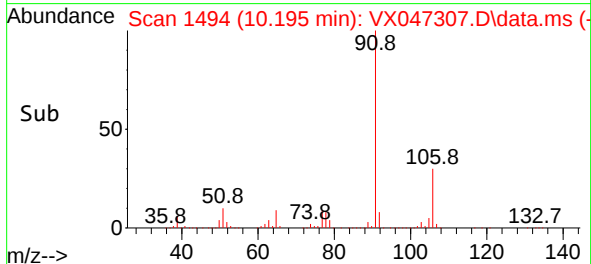
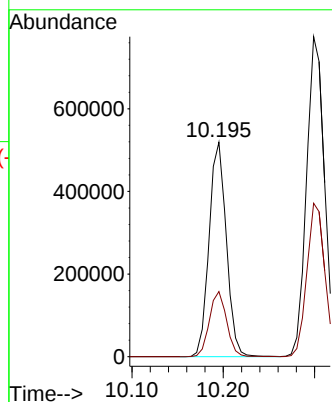
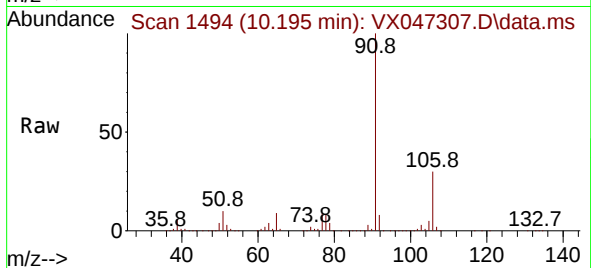
VSTDCCC050EC

Tgt Ion: 91 Resp: 681158

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 102.933 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047307.D

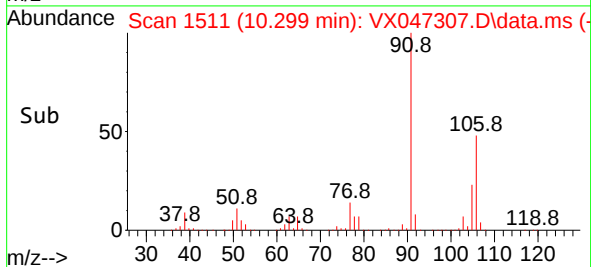
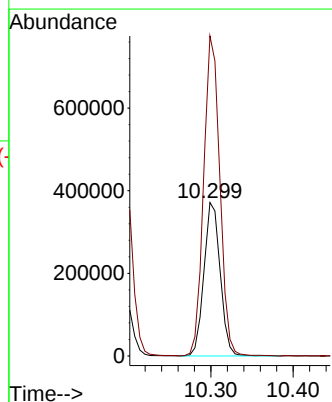
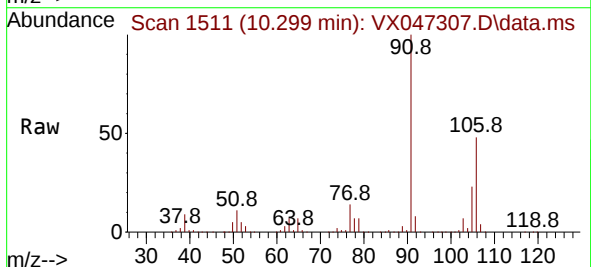
Acq: 12 Aug 2025 18:54

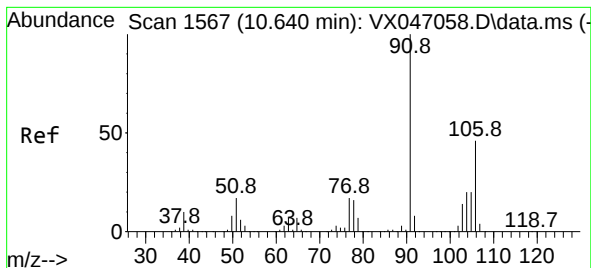
Tgt Ion: 106 Resp: 510770

Ion Ratio Lower Upper

106 100

91 208.1 167.4 251.0





#69

o-Xylene

Concen: 51.832 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

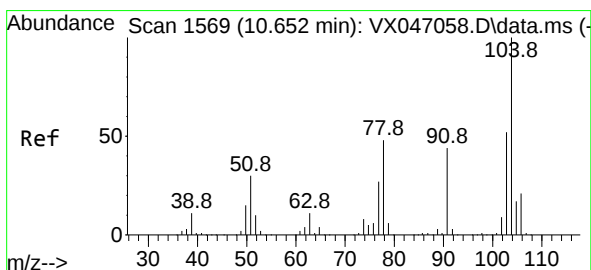
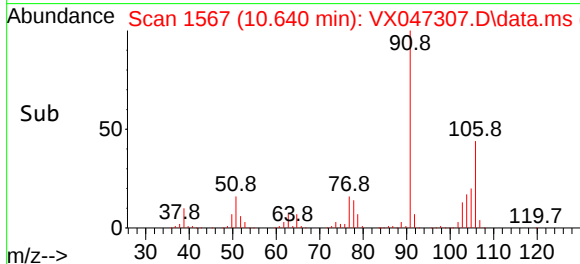
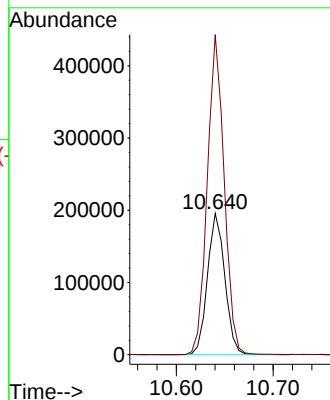
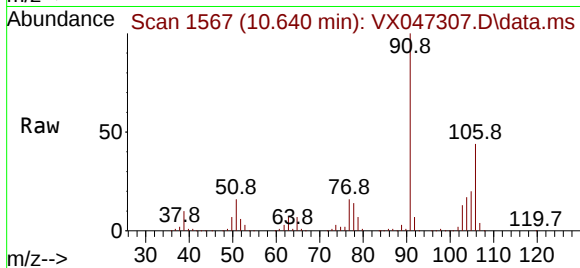
VSTDCCC050EC

Tgt Ion:106 Resp: 244681

Ion Ratio Lower Upper

106 100

91 220.5 110.3 331.0



#70

Styrene

Concen: 52.257 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

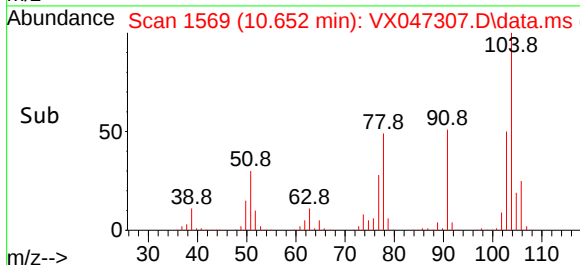
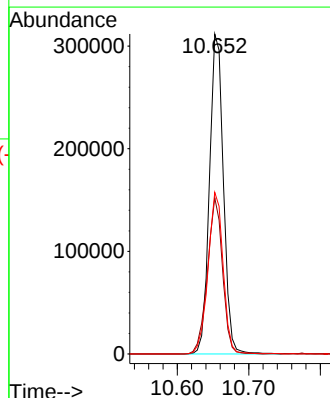
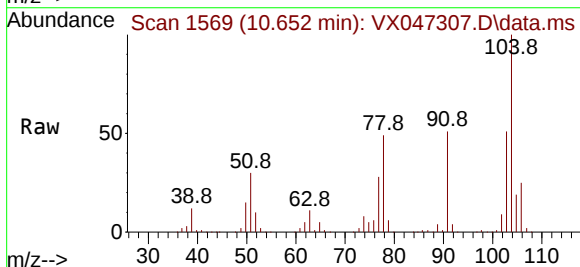
Tgt Ion:104 Resp: 423003

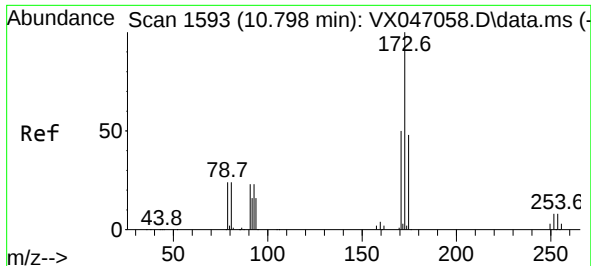
Ion Ratio Lower Upper

104 100

78 52.7 42.0 63.0

103 54.5 43.8 65.6

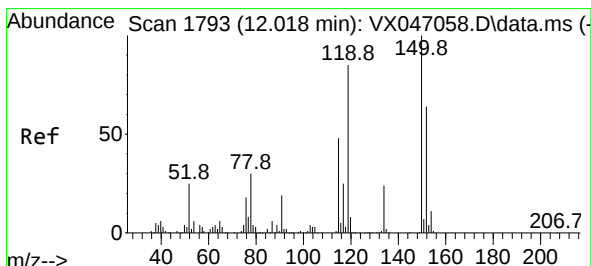
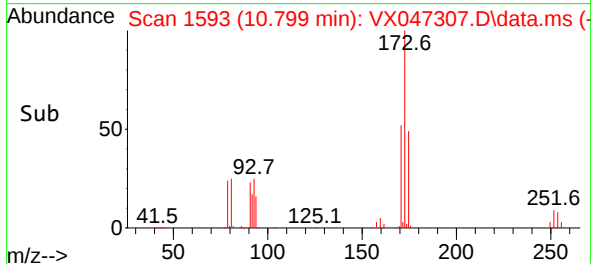
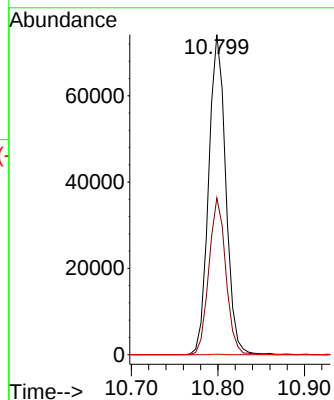
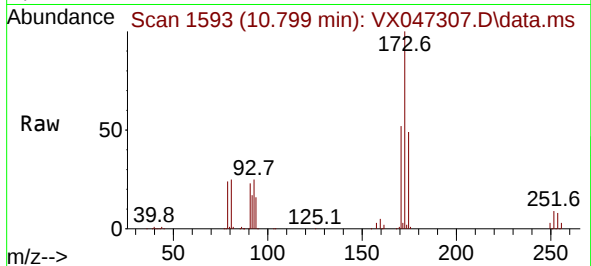




#71
Bromoform
Concen: 52.383 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

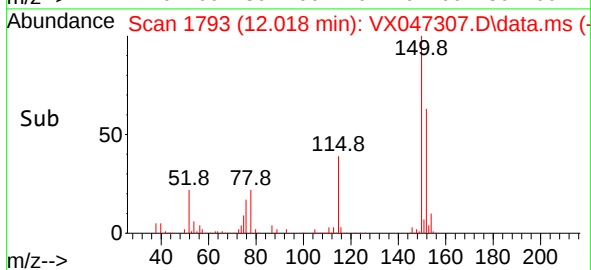
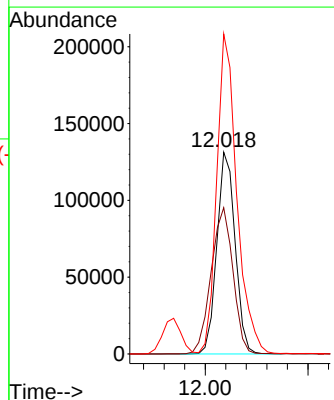
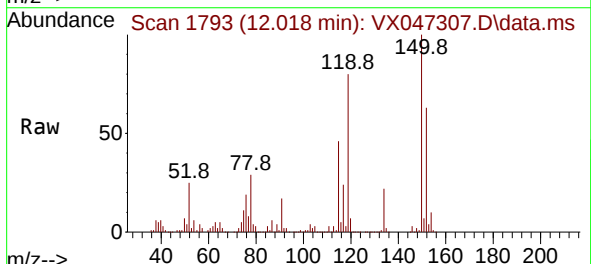
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

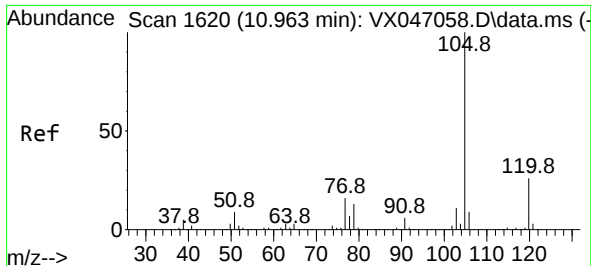
Tgt Ion:173 Resp: 101601
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion:152 Resp: 161700
Ion Ratio Lower Upper
152 100
115 87.2 45.6 136.7
150 174.4 0.0 354.6

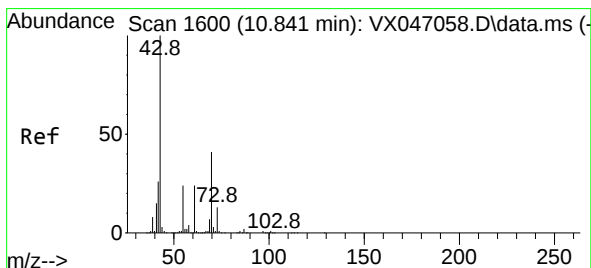
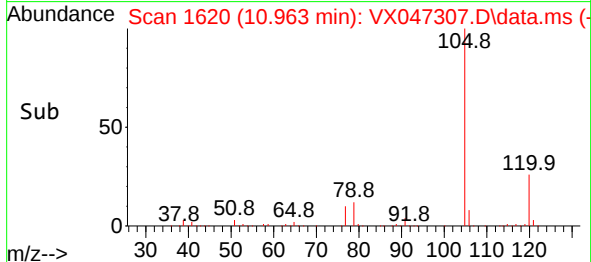
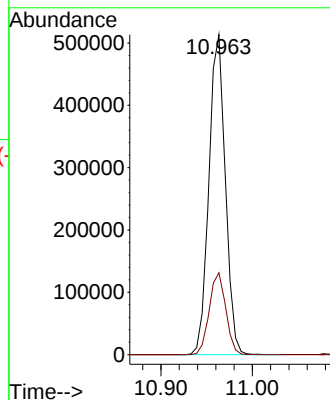
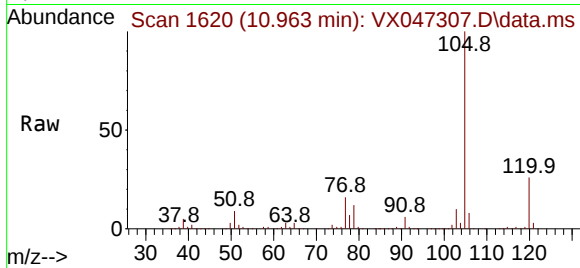




#73
Isopropylbenzene
Concen: 50.133 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

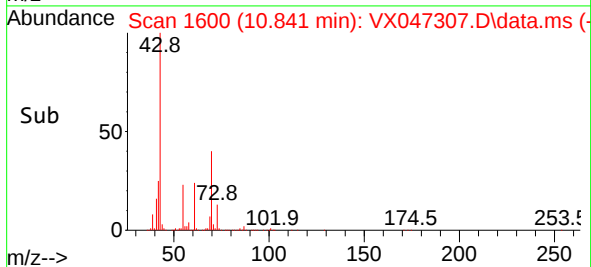
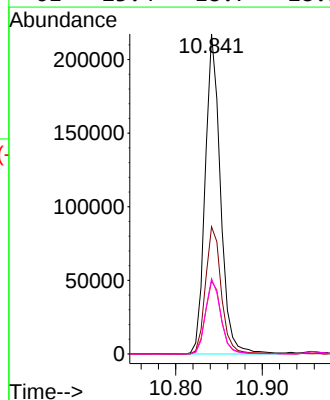
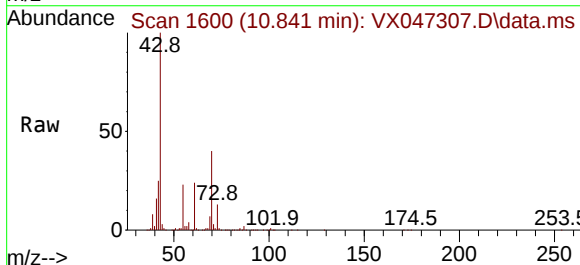
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

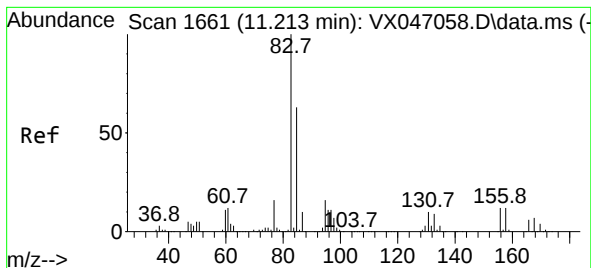
Tgt Ion:105 Resp: 639550
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 51.866 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 43 Resp: 266967
Ion Ratio Lower Upper
43 100
70 41.0 32.3 48.5
55 23.6 18.9 28.3
61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.528 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

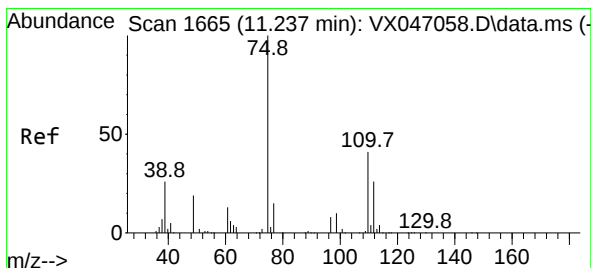
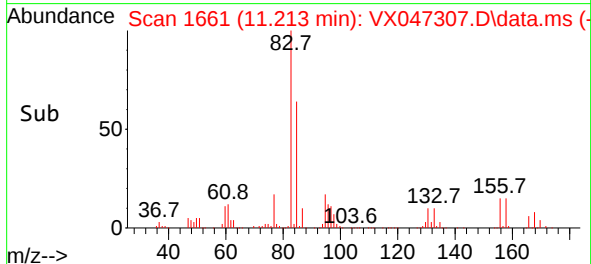
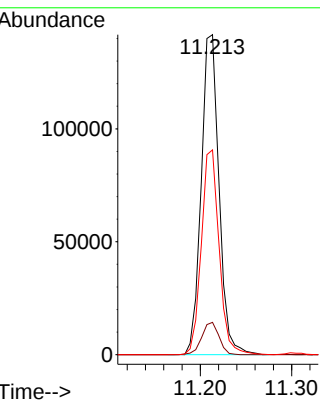
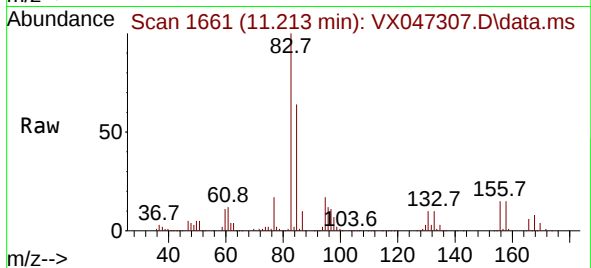
Tgt Ion: 83 Resp: 191413

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 63.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.598 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047307.D

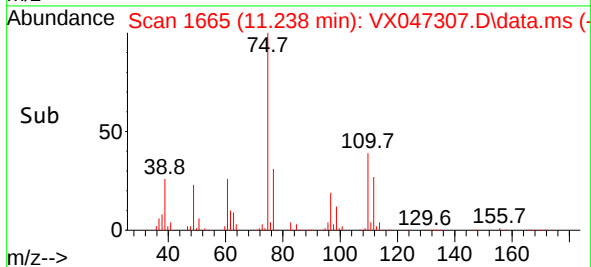
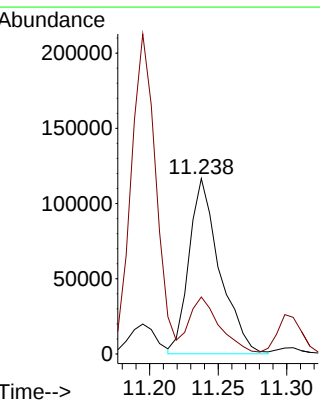
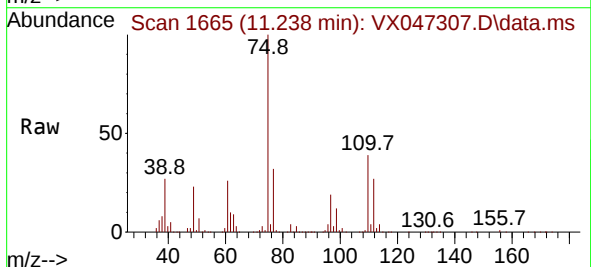
Acq: 12 Aug 2025 18:54

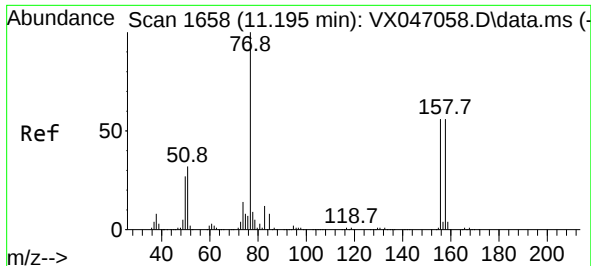
Tgt Ion: 75 Resp: 181370

Ion Ratio Lower Upper

75 100

77 32.8 21.6 65.0

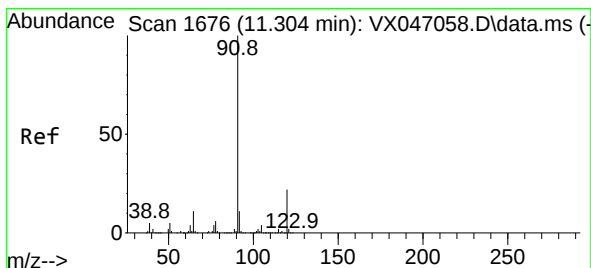
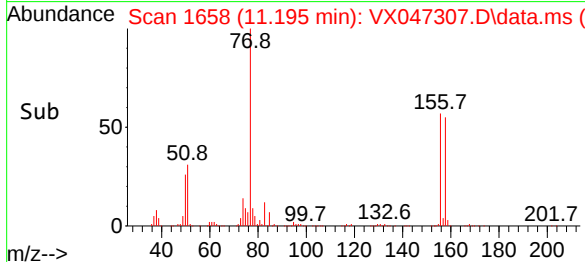
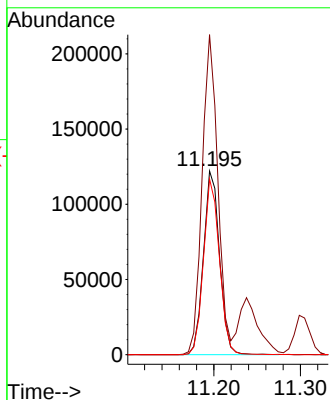
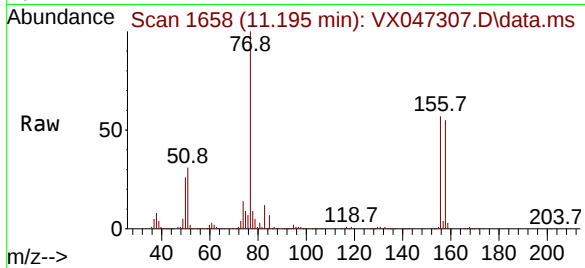




#77
Bromobenzene
Concen: 51.527 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

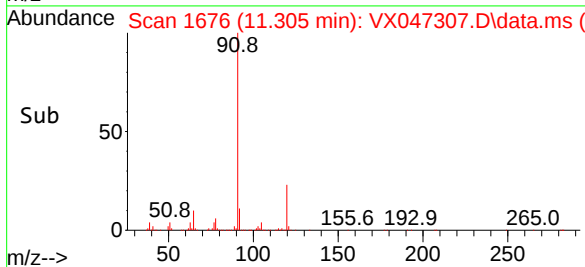
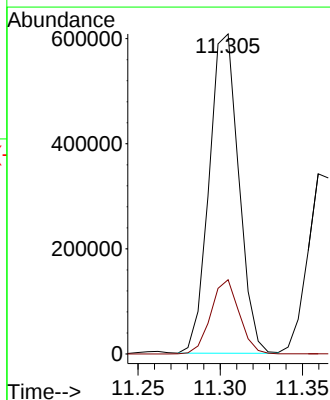
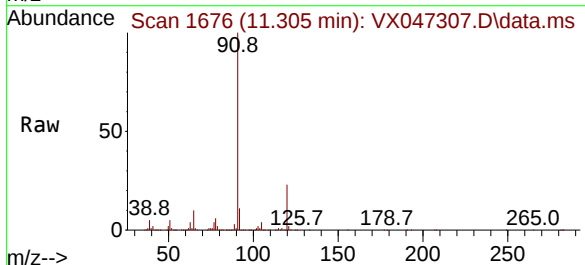
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

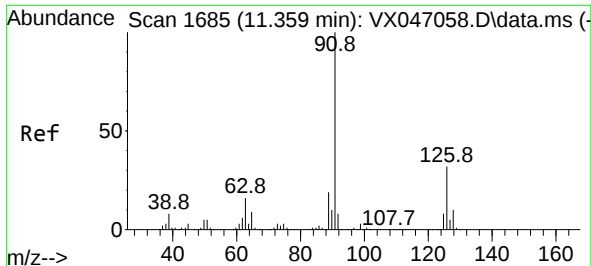
Tgt Ion:156 Resp: 157666
Ion Ratio Lower Upper
156 100
77 169.5 87.3 261.9
158 94.8 48.9 146.6



#78
n-propylbenzene
Concen: 50.013 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 91 Resp: 762426
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 49.797 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

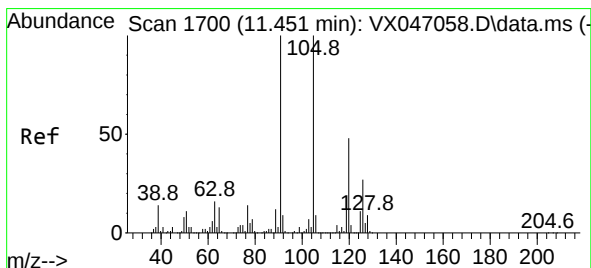
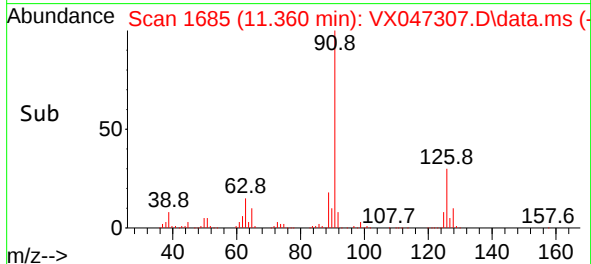
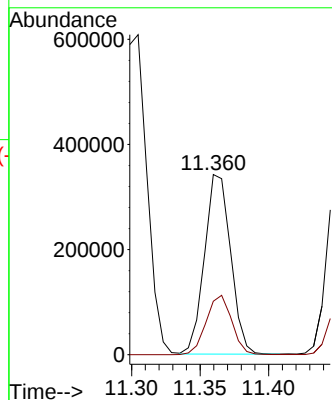
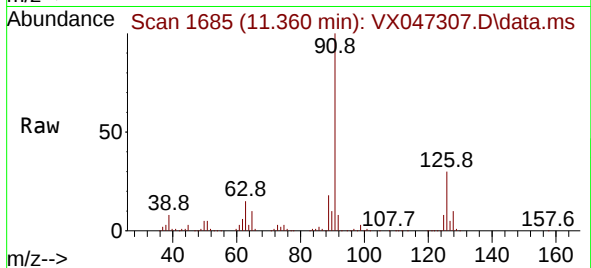
VSTDCCC050EC

Tgt Ion: 91 Resp: 453787

Ion Ratio Lower Upper

91 100

126 32.4 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 49.756 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047307.D

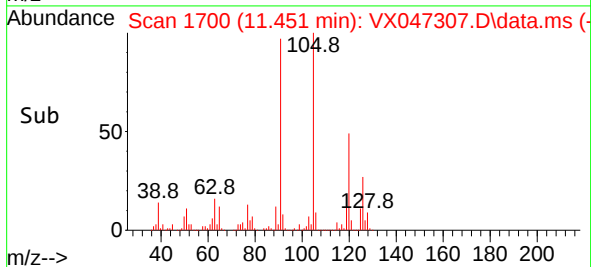
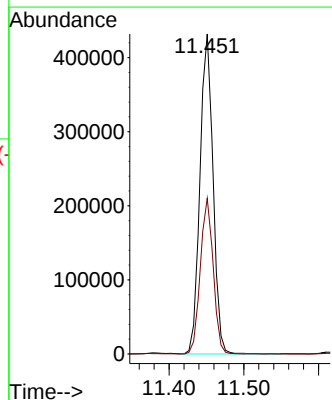
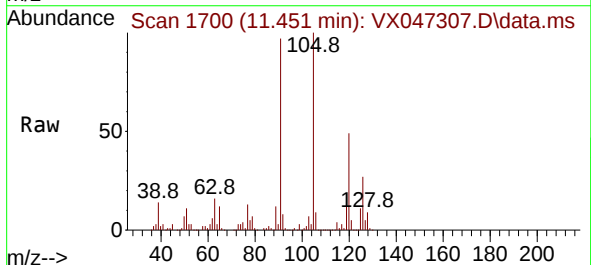
Acq: 12 Aug 2025 18:54

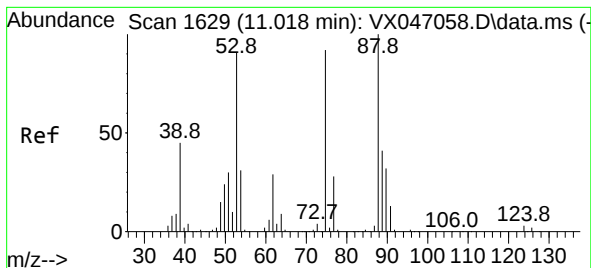
Tgt Ion: 105 Resp: 524390

Ion Ratio Lower Upper

105 100

120 47.8 23.8 71.5

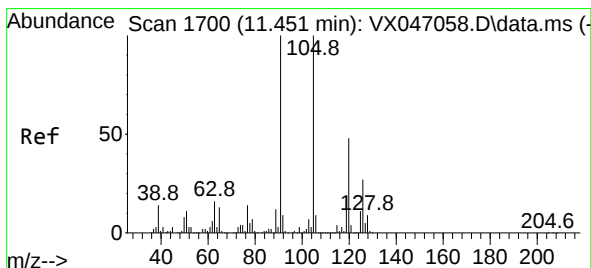
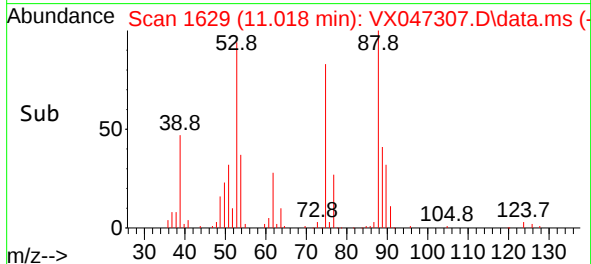
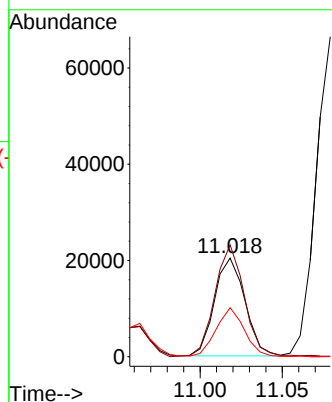
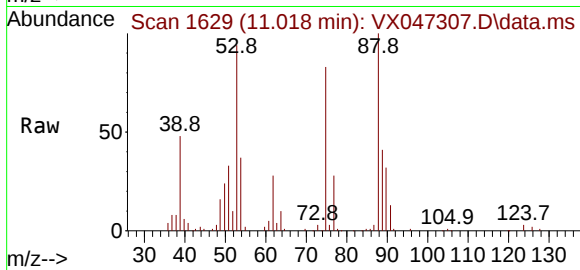




#81
trans-1,4-Dichloro-2-butene
Concen: 22.442 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

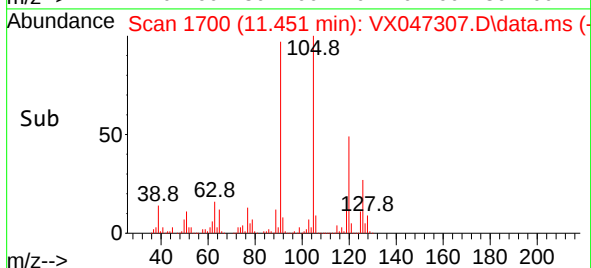
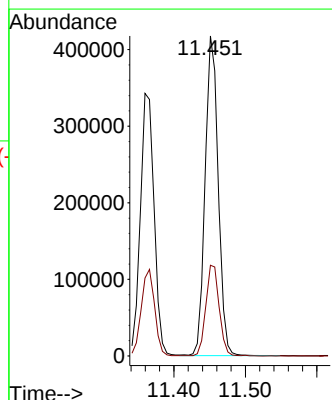
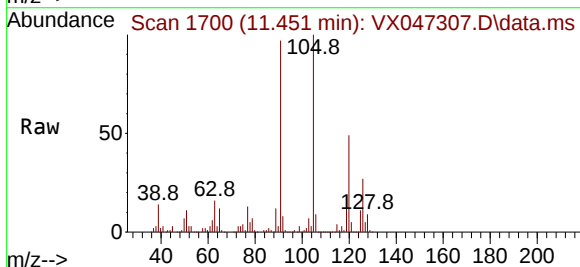
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26071
Ion Ratio Lower Upper
75 100
53 112.3 84.2 126.4
89 46.9 36.0 54.0



#82
4-Chlorotoluene
Concen: 49.920 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 91 Resp: 530975
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.3





#83

tert-Butylbenzene

Concen: 49.940 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

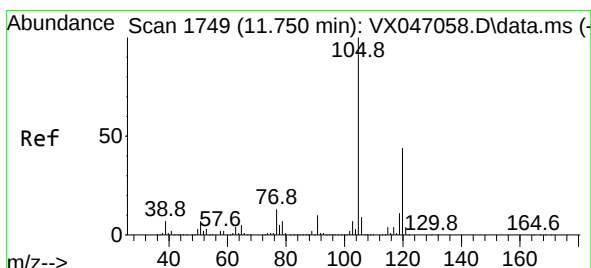
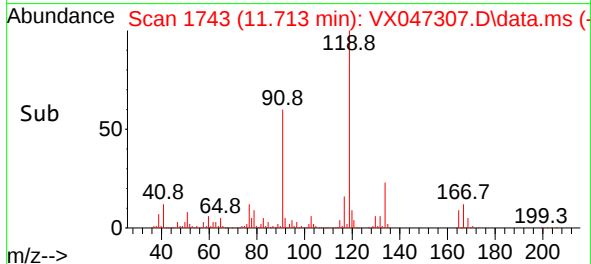
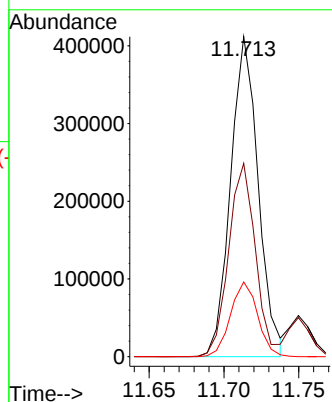
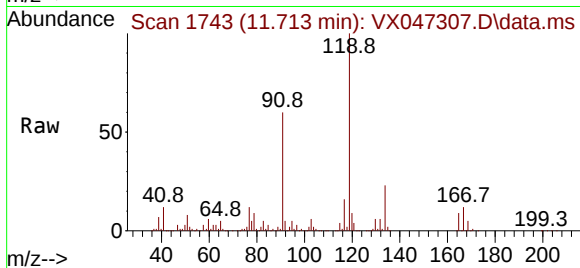
Tgt Ion:119 Resp: 528279

Ion Ratio Lower Upper

119 100

91 59.0 29.6 88.8

134 23.0 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 50.262 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047307.D

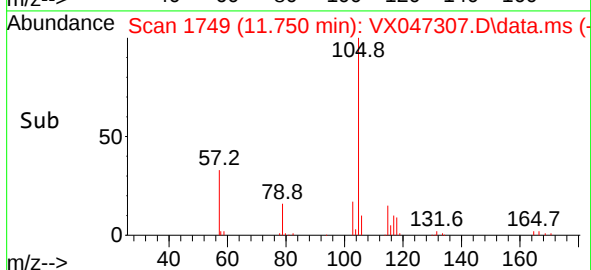
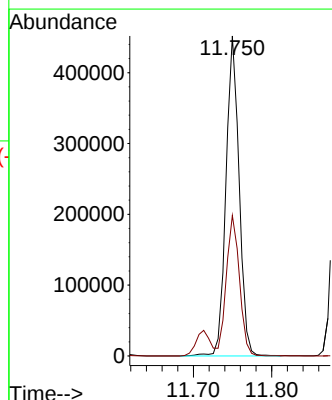
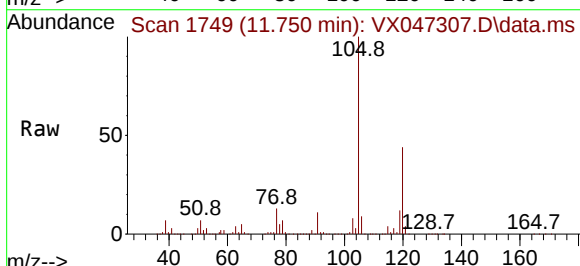
Acq: 12 Aug 2025 18:54

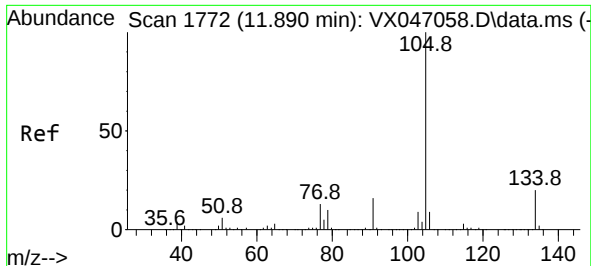
Tgt Ion:105 Resp: 528370

Ion Ratio Lower Upper

105 100

120 43.4 22.0 66.0

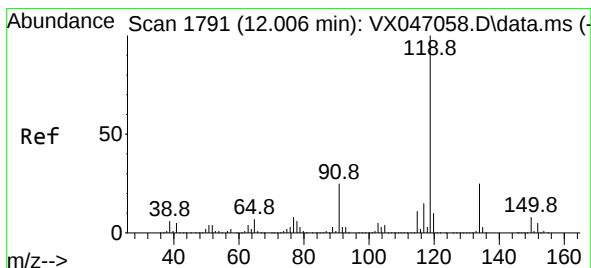
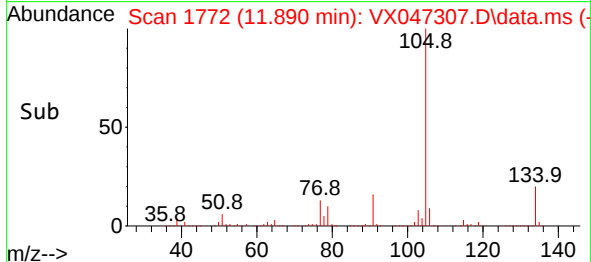
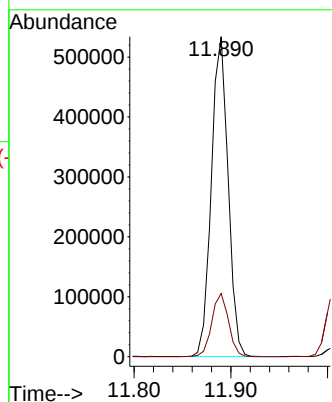
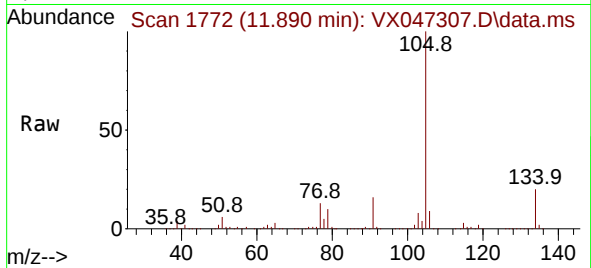




#85
 sec-Butylbenzene
 Concen: 48.652 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

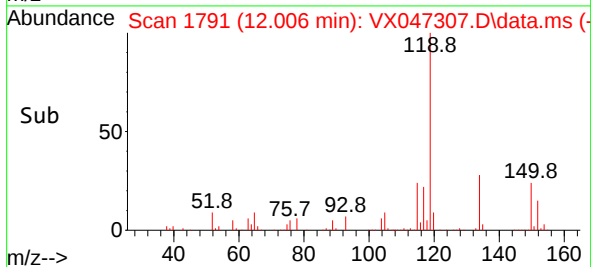
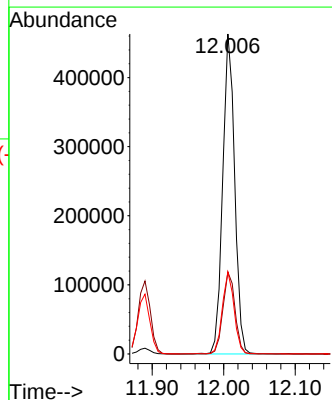
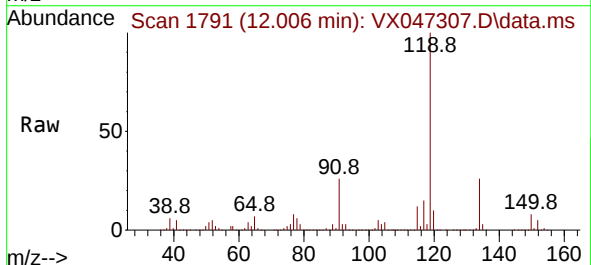
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

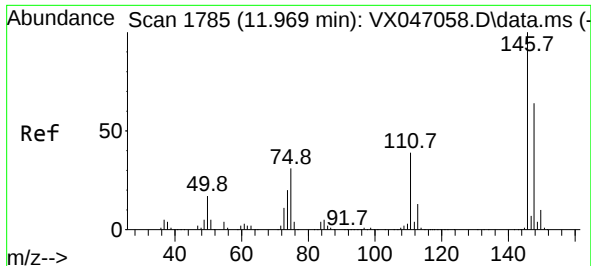
Tgt Ion:105 Resp: 643045
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 49.156 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

Tgt Ion:119 Resp: 538783
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 25.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.479 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

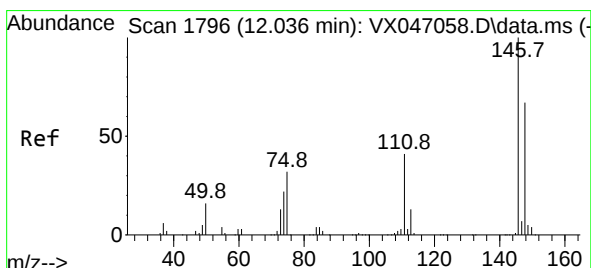
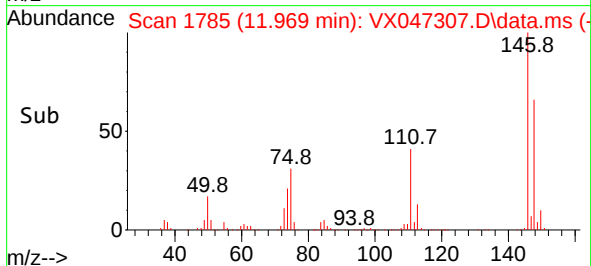
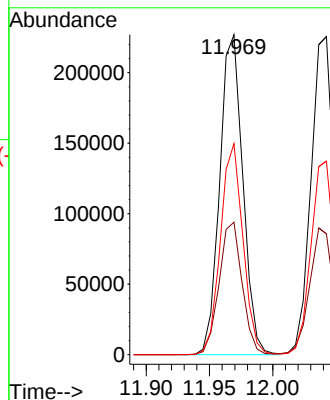
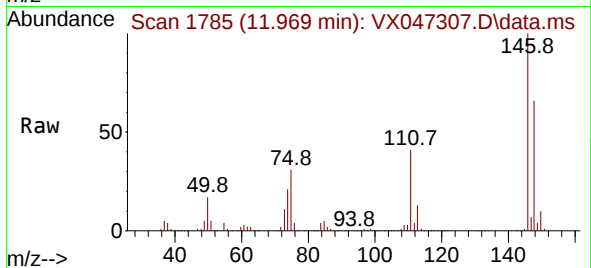
Tgt Ion:146 Resp: 287667

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

148 64.2 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 49.174 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

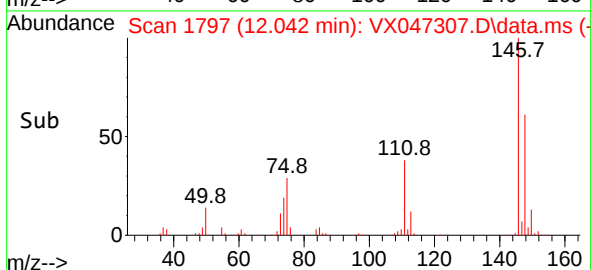
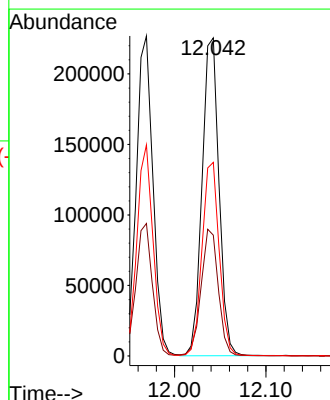
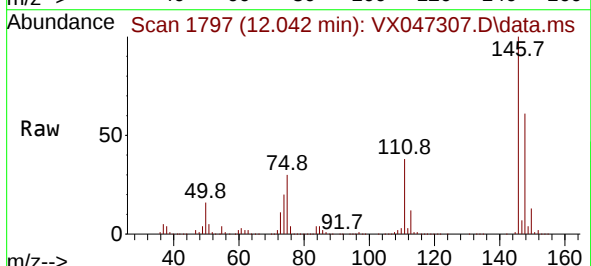
Tgt Ion:146 Resp: 289648

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

148 61.7 33.0 98.9

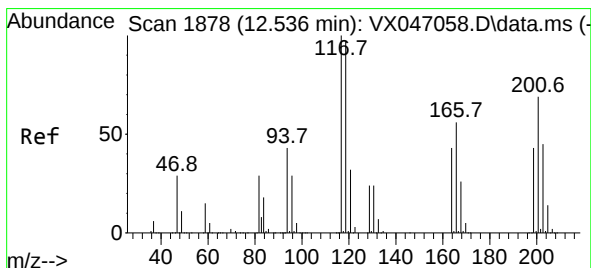
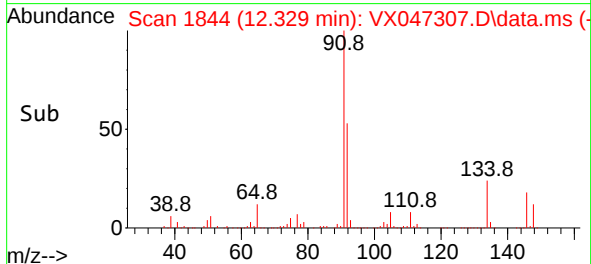
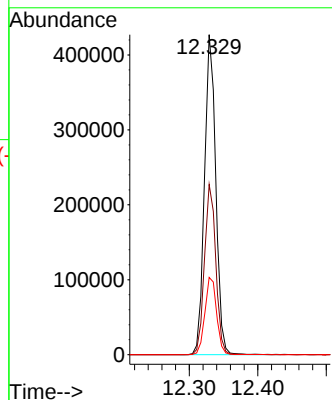
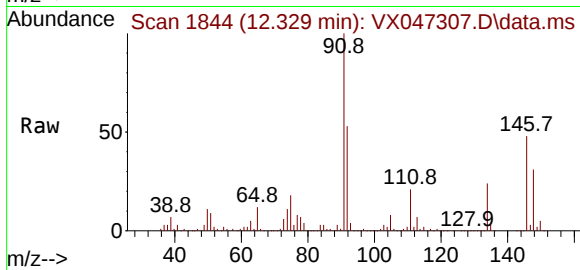




#89
n-Butylbenzene
Concen: 47.718 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

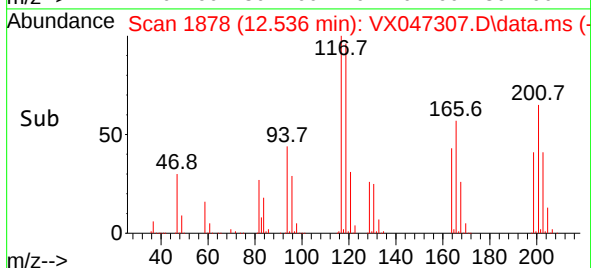
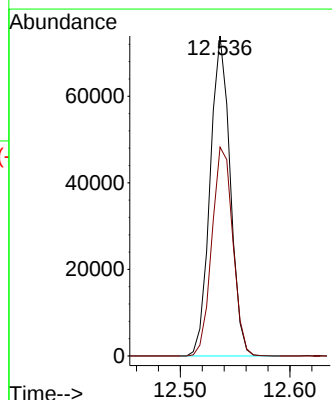
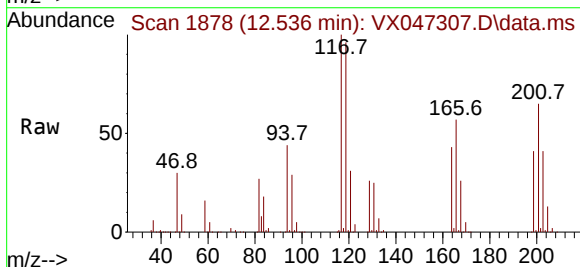
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 490485
Ion Ratio Lower Upper
91 100
92 53.6 27.5 82.5
134 25.2 12.8 38.3



#90
Hexachloroethane
Concen: 47.850 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047307.D
Acq: 12 Aug 2025 18:54

Tgt Ion: 117 Resp: 93824
Ion Ratio Lower Upper
117 100
201 68.2 34.8 104.5

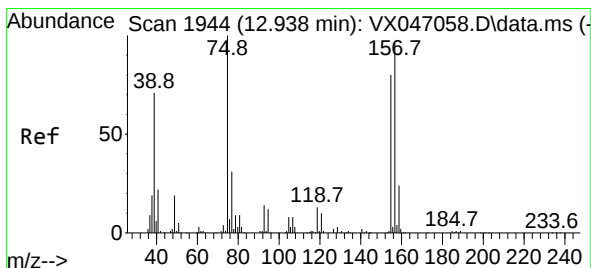
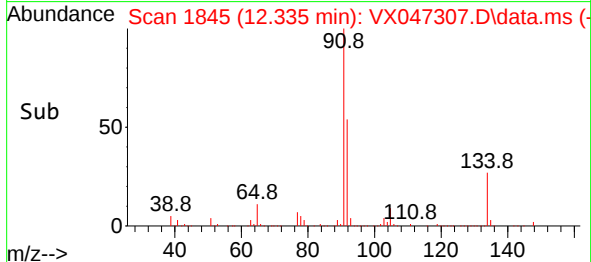
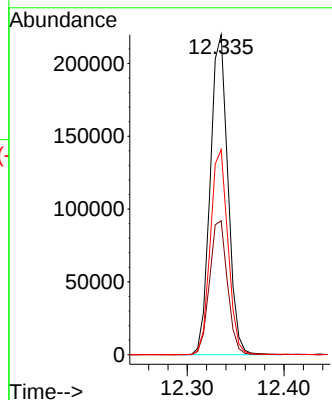
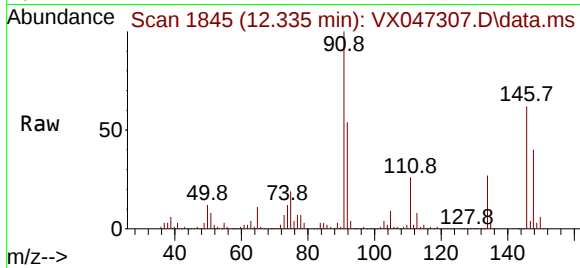




#91
 1,2-Dichlorobenzene
 Concen: 50.259 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

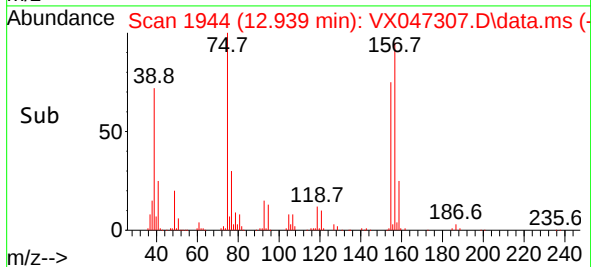
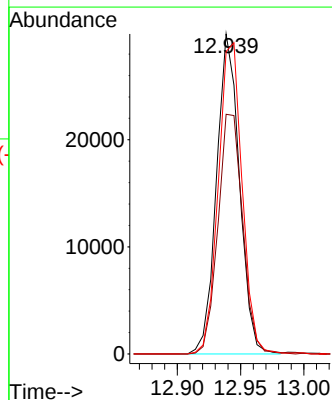
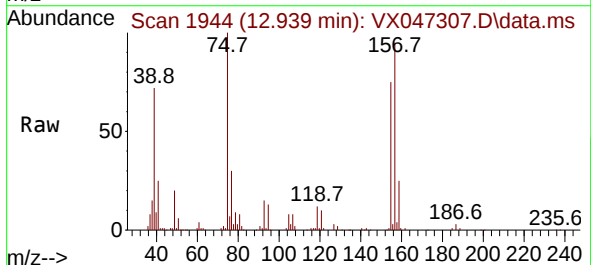
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 279275
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.6 64.6
 148 64.2 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.644 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX047307.D
 Acq: 12 Aug 2025 18:54

Tgt Ion: 75 Resp: 37523
 Ion Ratio Lower Upper
 75 100
 155 80.8 41.3 124.1
 157 101.4 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.491 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

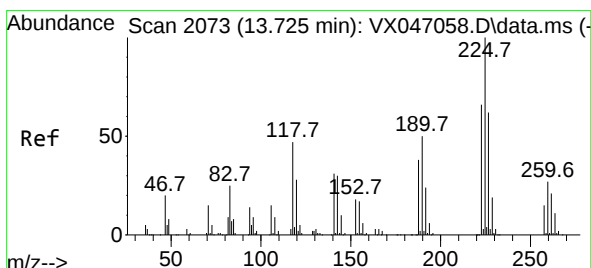
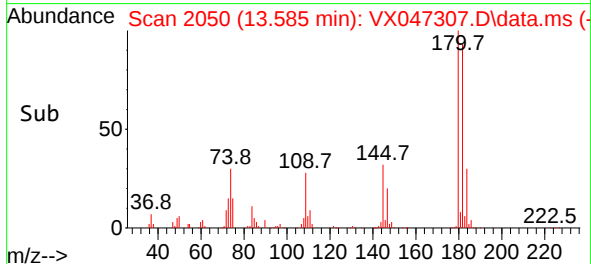
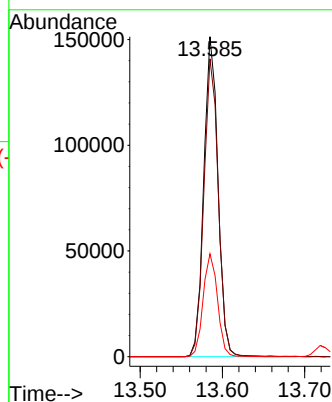
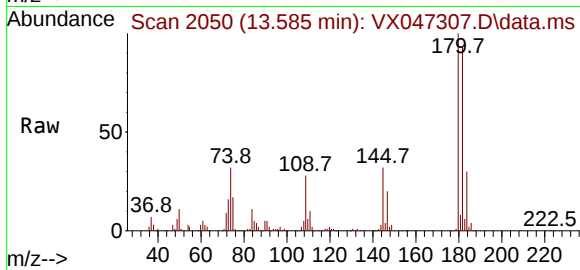
Tgt Ion:180 Resp: 181698

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 44.043 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

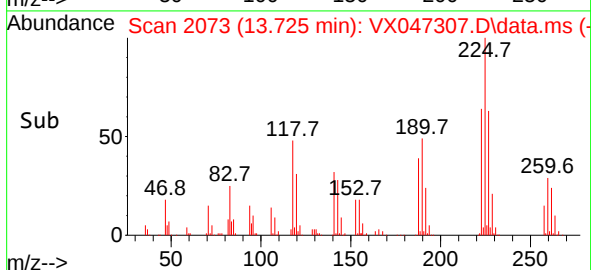
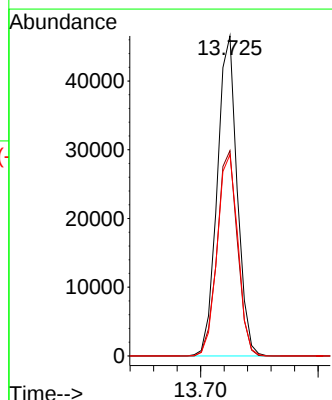
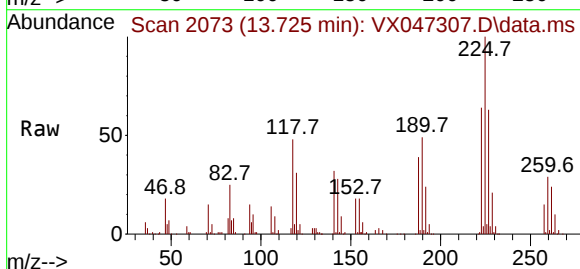
Tgt Ion:225 Resp: 54991

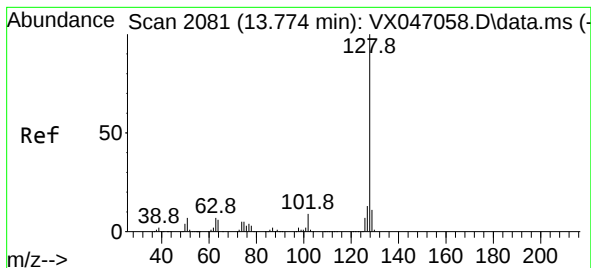
Ion Ratio Lower Upper

225 100

223 65.2 31.6 95.0

227 65.0 32.9 98.6





#95

Naphthalene

Concen: 51.981 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

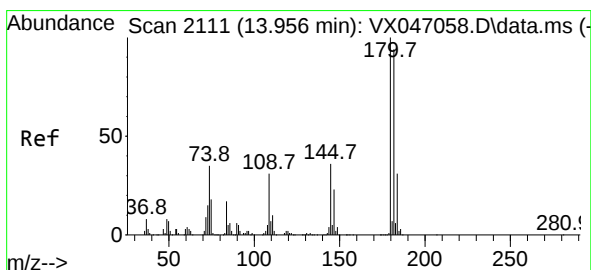
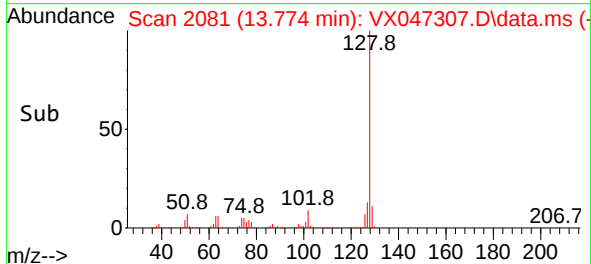
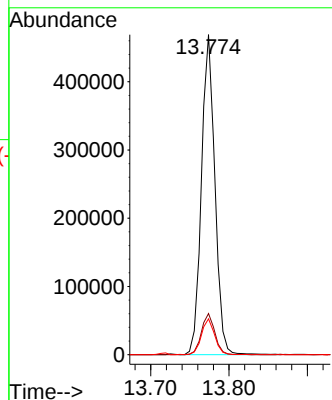
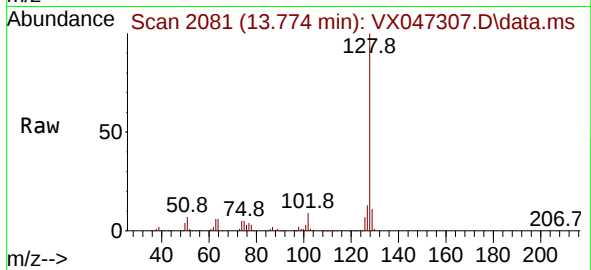
Tgt Ion:128 Resp: 559450

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.215 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047307.D

Acq: 12 Aug 2025 18:54

Tgt Ion:180 Resp: 170531

Ion Ratio Lower Upper

180 100

182 96.4 46.9 140.6

145 34.8 17.3 52.0

