

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047542.D
 Acq On : 28 Aug 2025 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 02:34:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222745	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	382166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	168882	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	156440	45.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.460%
35) Dibromofluoromethane	5.391	113	125372	47.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	436099	47.434	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.860%
62) 4-Bromofluorobenzene	11.079	95	167290	48.435	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.860%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	115398	47.308	ug/l	98
3) Chloromethane	1.307	50	105065	39.436	ug/l	97
4) Vinyl Chloride	1.392	62	134234	42.862	ug/l	100
5) Bromomethane	1.624	94	76038	56.134	ug/l	95
6) Chloroethane	1.703	64	82116	41.269	ug/l	96
7) Trichlorofluoromethane	1.904	101	207084	46.490	ug/l	100
8) Diethyl Ether	2.148	74	79246	44.838	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	124940	47.098	ug/l	98
10) Methyl Iodide	2.471	142	210158	47.858	ug/l	98
11) Tert butyl alcohol	2.959	59	64579	205.403	ug/l	97
12) 1,1-Dichloroethene	2.337	96	122591	43.580	ug/l	97
13) Acrolein	2.245	56	133058	211.118	ug/l	98
14) Allyl chloride	2.678	41	229779	44.589	ug/l	99
15) Acrylonitrile	3.081	53	307017	218.225	ug/l	100
16) Acetone	2.392	43	291849	215.435	ug/l	99
17) Carbon Disulfide	2.526	76	312697	37.384	ug/l	100
18) Methyl Acetate	2.715	43	165658	49.600	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	420015	45.745	ug/l	98
20) Methylene Chloride	2.800	84	144370	41.880	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	131310	43.865	ug/l	96
22) Diisopropyl ether	3.769	45	488776	47.094	ug/l	100
23) Vinyl Acetate	3.727	43	1886974	223.279	ug/l	99
24) 1,1-Dichloroethane	3.617	63	260517	45.174	ug/l	97
25) 2-Butanone	4.562	43	384535	215.689	ug/l	98
26) 2,2-Dichloropropane	4.483	77	204180	48.983	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	164986	45.236	ug/l	99
28) Bromochloromethane	4.903	49	126937	51.005	ug/l	100
29) Tetrahydrofuran	5.013	42	231398	209.152	ug/l	100
30) Chloroform	5.099	83	268940	45.797	ug/l	97
31) Cyclohexane	5.483	56	206828	43.003	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	224245	46.869	ug/l	99
36) 1,1-Dichloropropene	5.702	75	173920	46.592	ug/l	99
37) Ethyl Acetate	4.721	43	159195	43.269	ug/l	100
38) Carbon Tetrachloride	5.684	117	194166	46.879	ug/l	99
39) Methylcyclohexane	7.385	83	197520	45.882	ug/l	97
40) Benzene	6.043	78	547300	45.925	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	80926	46.443	ug/l #	93
42) 1,2-Dichloroethane	6.092	62	198308	46.225	ug/l	98
43) Isopropyl Acetate	6.342	43	272537	46.100	ug/l	99
44) Trichloroethene	7.129	130	136515	46.233	ug/l	95
45) 1,2-Dichloropropane	7.427	63	142458	47.458	ug/l	97
46) Dibromomethane	7.580	93	101483	45.925	ug/l	98
47) Bromodichloromethane	7.818	83	215723	47.735	ug/l	99
48) Methyl methacrylate	7.696	41	142767	46.945	ug/l	99
49) 1,4-Dioxane	7.677	88	30969	1029.427	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	789242	225.948	ug/l	100
52) Toluene	8.720	92	339766	46.783	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	201468	49.484	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	223251	49.488	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	133571	47.144	ug/l	96
56) Ethyl methacrylate	9.116	69	196487	46.848	ug/l	98
57) 1,3-Dichloropropane	9.305	76	230037	46.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	495528	251.463	ug/l	100
59) 2-Hexanone	9.427	43	544270	228.088	ug/l	100
60) Dibromochloromethane	9.518	129	160045	47.286	ug/l	98
61) 1,2-Dibromoethane	9.604	107	133307	46.235	ug/l	98
64) Tetrachloroethene	9.268	164	108161	46.830	ug/l	95
65) Chlorobenzene	10.079	112	384762	47.676	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	136799	49.987	ug/l	99
67) Ethyl Benzene	10.189	91	658500	48.556	ug/l	100
68) m/p-Xylenes	10.299	106	489405	97.161	ug/l	99
69) o-Xylene	10.640	106	242056	49.885	ug/l	100
70) Styrene	10.652	104	426983	50.714	ug/l	100
71) Bromoform	10.799	173	101550	48.732	ug/l	99
73) Isopropylbenzene	10.957	105	622696	50.108	ug/l	100
74) N-amyl acetate	10.841	43	242331	47.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	181857	46.294	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	173383	57.524	ug/l	90
77) Bromobenzene	11.195	156	156182	49.128	ug/l	98
78) n-propylbenzene	11.299	91	739128	49.956	ug/l	99
79) 2-Chlorotoluene	11.360	91	447979	48.823	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	509331	50.127	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31339	41.783	ug/l	100
82) 4-Chlorotoluene	11.451	91	528475	49.086	ug/l	100
83) tert-Butylbenzene	11.713	119	517265	50.501	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	517164	49.933	ug/l	99
85) sec-Butylbenzene	11.890	105	624483	50.669	ug/l	100
86) p-Isopropyltoluene	12.006	119	521374	50.466	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	287310	48.475	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	290205	47.422	ug/l	99
89) n-Butylbenzene	12.329	91	485476	50.914	ug/l	99
90) Hexachloroethane	12.536	117	93761	49.372	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	279690	48.157	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	32190	44.424	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	178201	50.335	ug/l	99
94) Hexachlorobutadiene	13.719	225	62241	50.581	ug/l	99
95) Naphthalene	13.774	128	498120	48.133	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	162072	48.736	ug/l	98

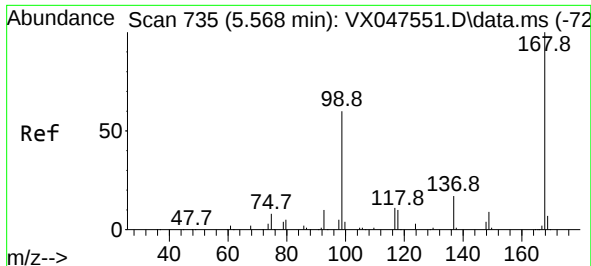
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
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Response via : Initial Calibration

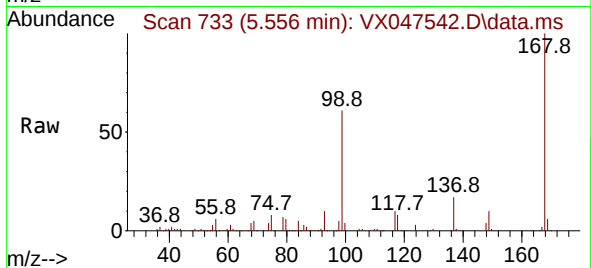
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

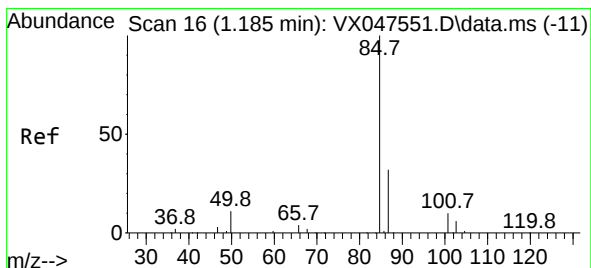
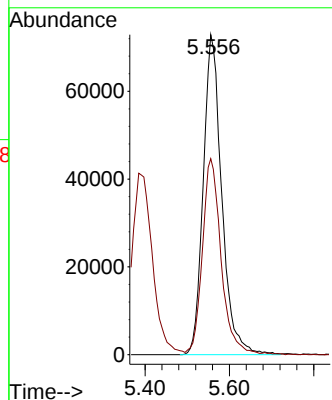
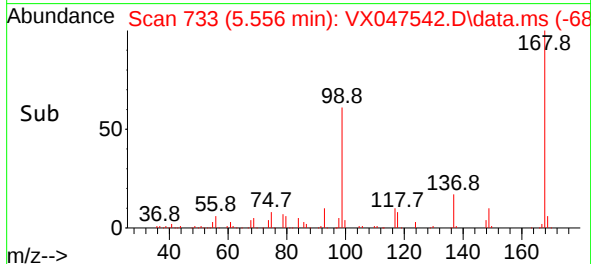


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047542.D
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Instrument :
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ClientSampleId :
VSTDCCC050

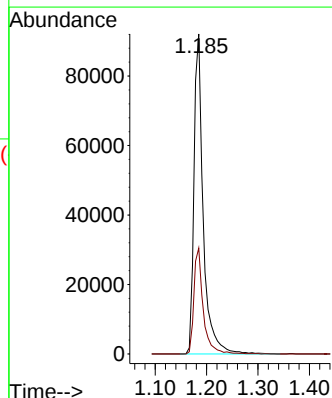
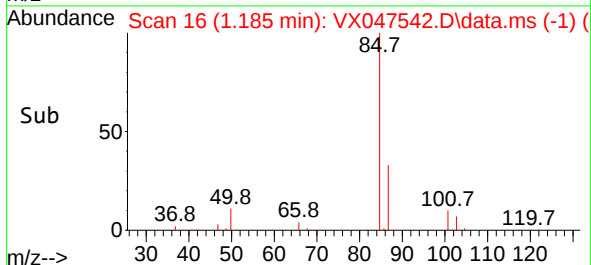
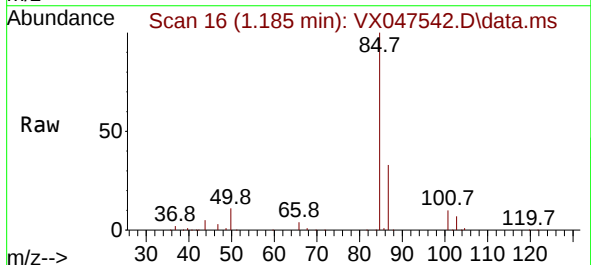


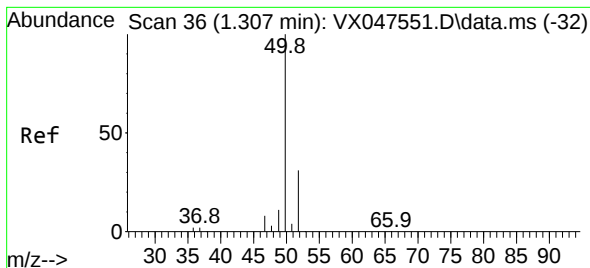
Tgt Ion:168 Resp: 222745
Ion Ratio Lower Upper
168 100
99 61.0 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 47.308 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 85 Resp: 115398
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7





#3

Chloromethane

Concen: 39.436 ug/l

RT: 1.307 min Scan# 3

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

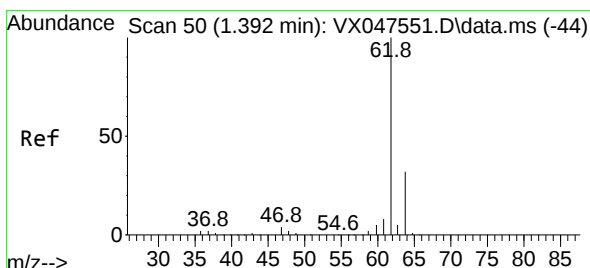
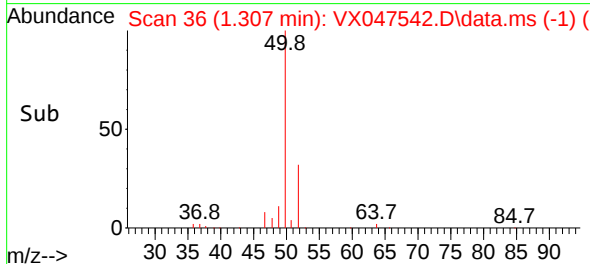
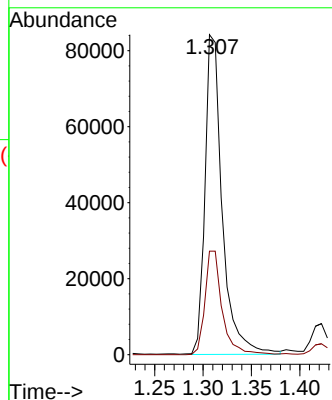
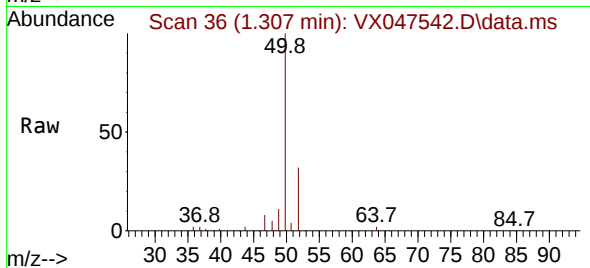
VSTDCCC050

Tgt Ion: 50 Resp: 105065

Ion Ratio Lower Upper

50 100

52 32.4 24.6 37.0



#4

Vinyl Chloride

Concen: 42.862 ug/l

RT: 1.392 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX047542.D

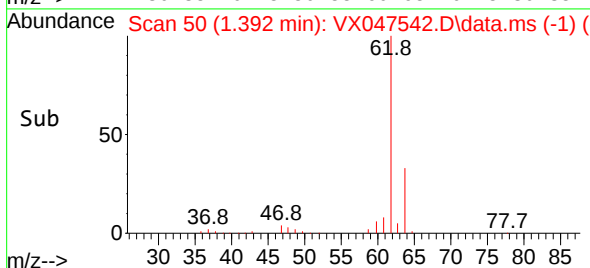
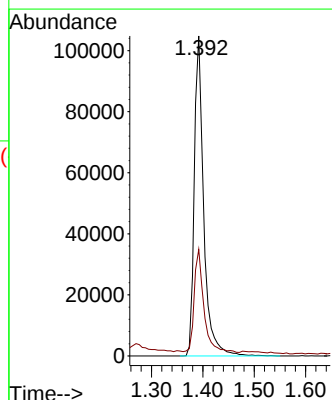
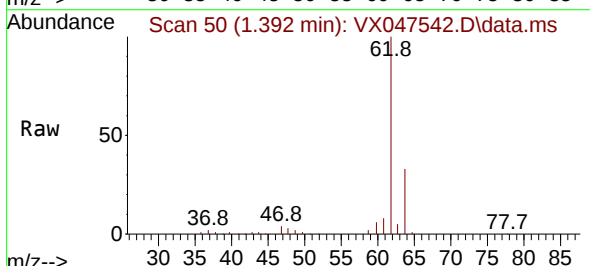
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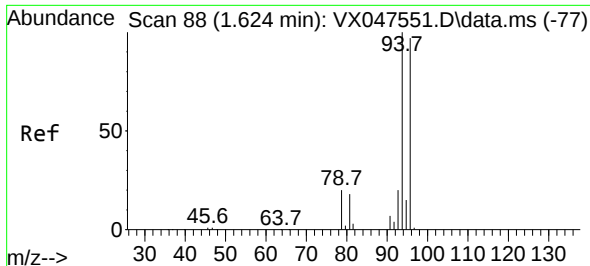
Tgt Ion: 62 Resp: 134234

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9

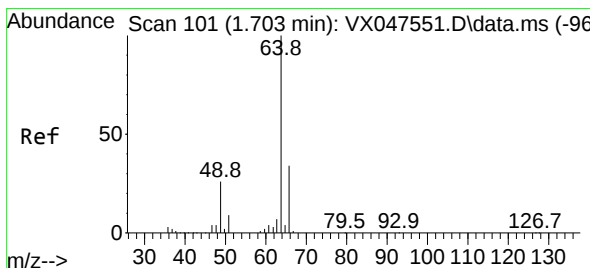
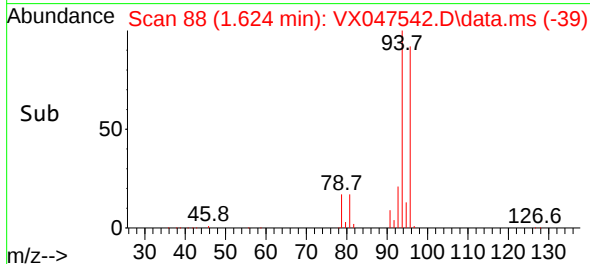
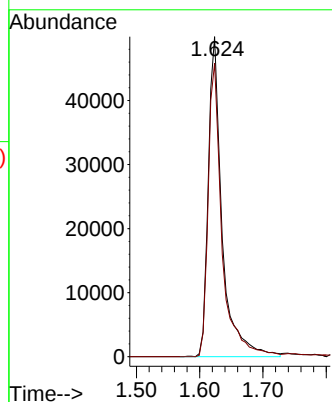
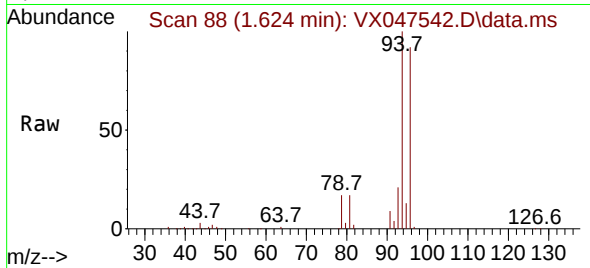




#5
Bromomethane
Concen: 56.134 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

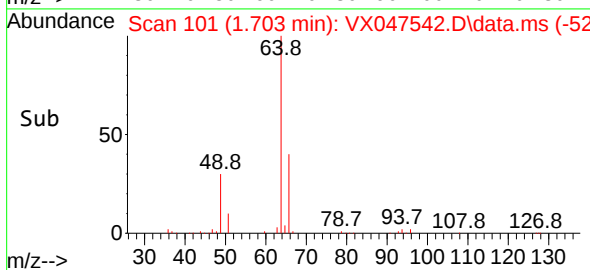
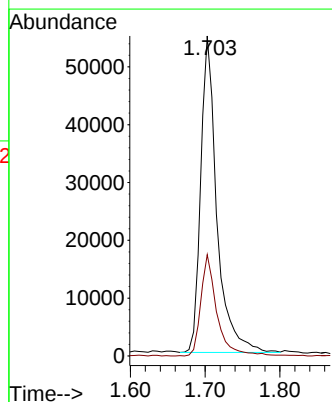
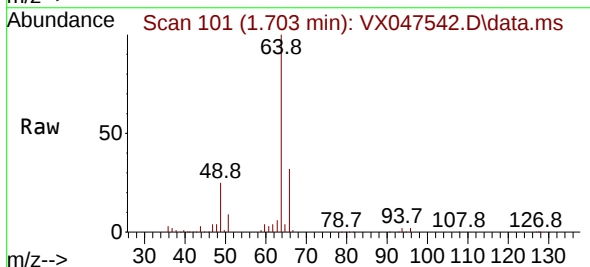
Instrument :
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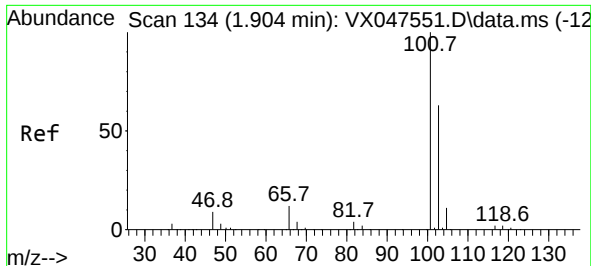
Tgt Ion: 94 Resp: 76038
Ion Ratio Lower Upper
94 100
96 91.7 77.7 116.5



#6
Chloroethane
Concen: 41.269 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 64 Resp: 82116
Ion Ratio Lower Upper
64 100
66 31.9 27.4 41.2

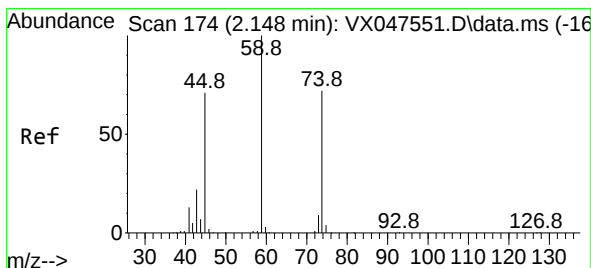
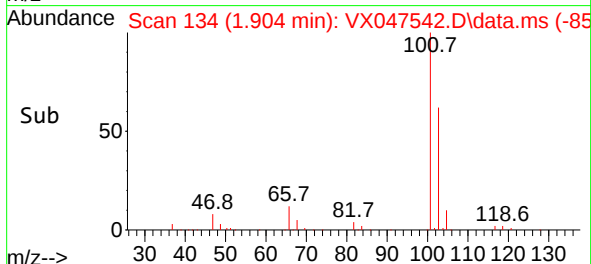
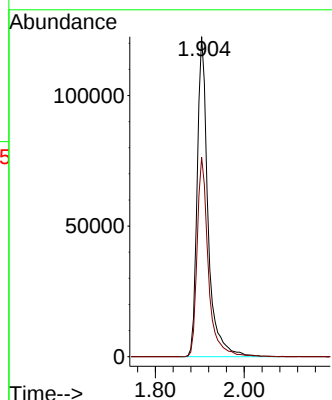
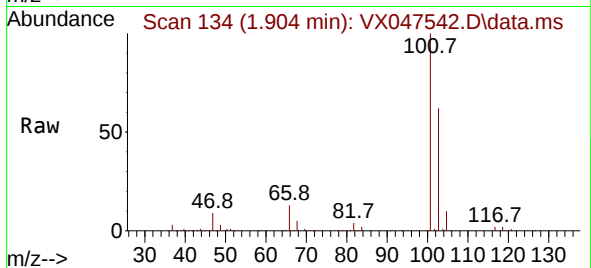




#7
Trichlorofluoromethane
Concen: 46.490 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

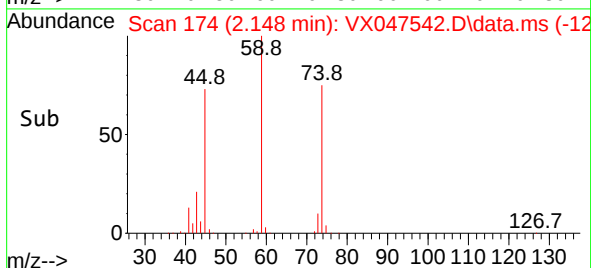
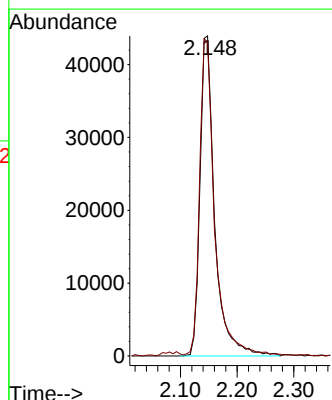
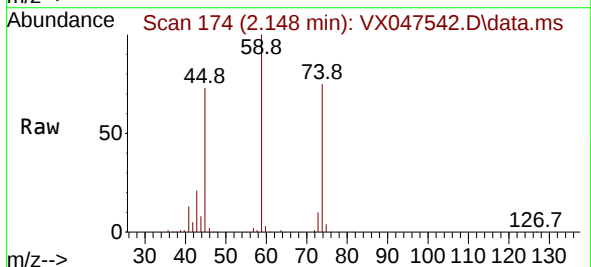
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

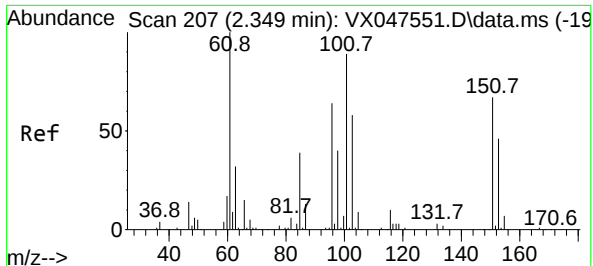
Tgt Ion:101 Resp: 207084
Ion Ratio Lower Upper
101 100
103 62.3 50.1 75.1



#8
Diethyl Ether
Concen: 44.838 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 74 Resp: 79246
Ion Ratio Lower Upper
74 100
45 99.9 49.0 147.0

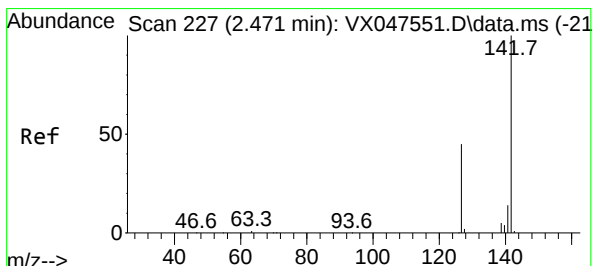
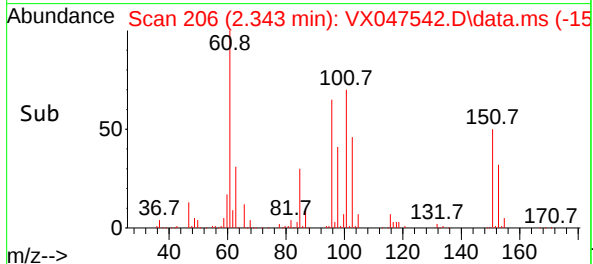
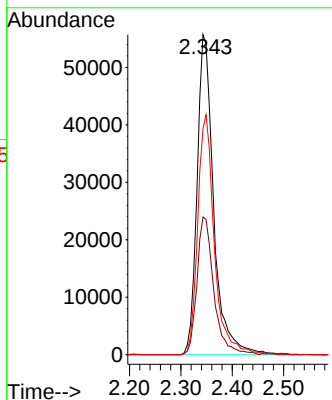
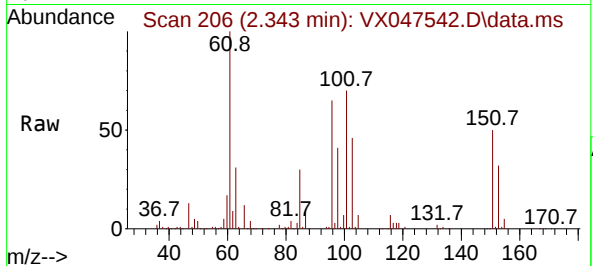




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.098 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047542.D
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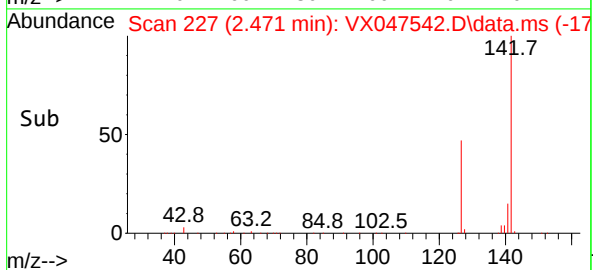
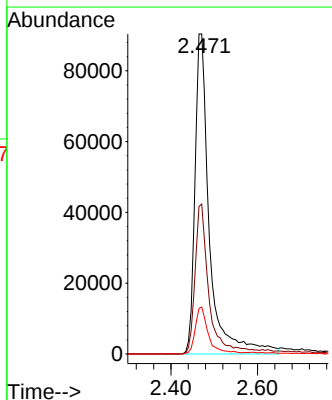
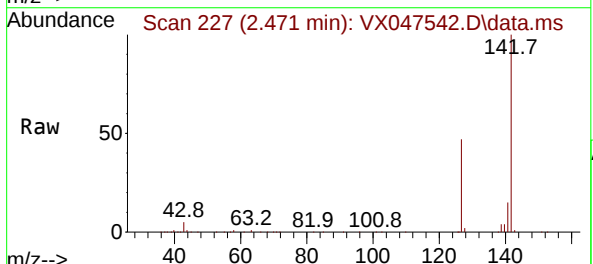
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

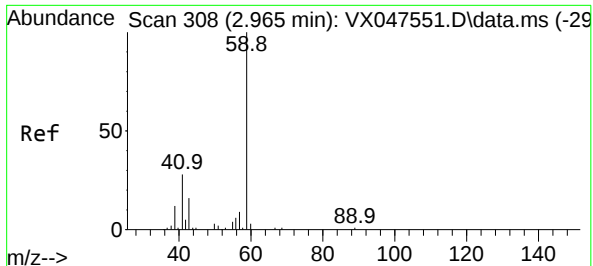
Tgt Ion:101 Resp: 124940
Ion Ratio Lower Upper
101 100
85 43.7 35.1 52.7
151 75.2 58.6 88.0



#10
Methyl Iodide
Concen: 47.858 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:142 Resp: 210158
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 13.4 10.6 16.0

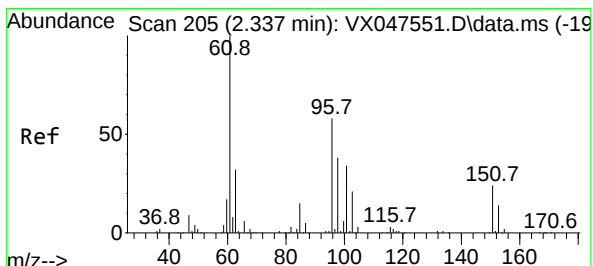
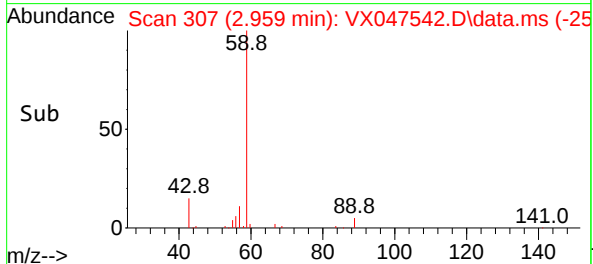
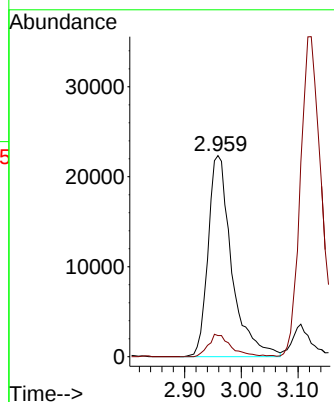
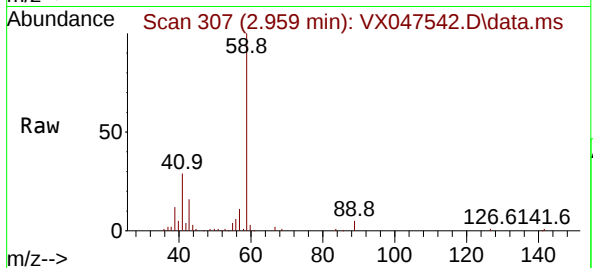




#11
Tert butyl alcohol
Concen: 205.403 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

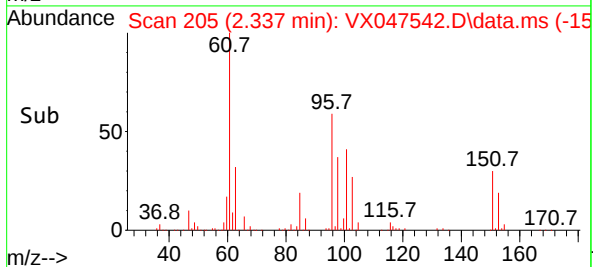
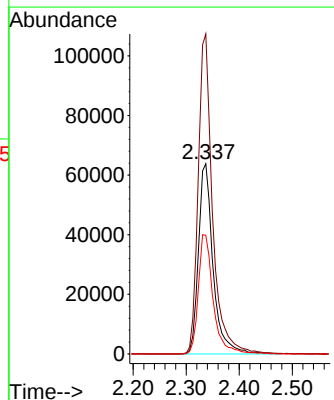
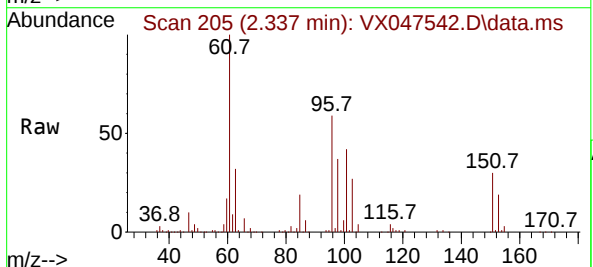
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

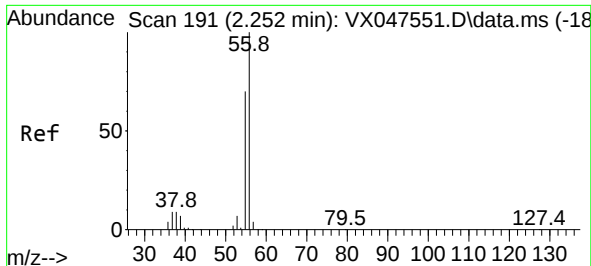
Tgt Ion: 59 Resp: 64579
Ion Ratio Lower Upper
59 100
57 10.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 43.580 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 96 Resp: 122591
Ion Ratio Lower Upper
96 100
61 168.3 136.8 205.2
98 62.4 52.4 78.6

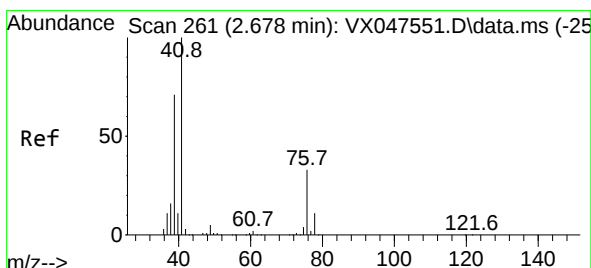
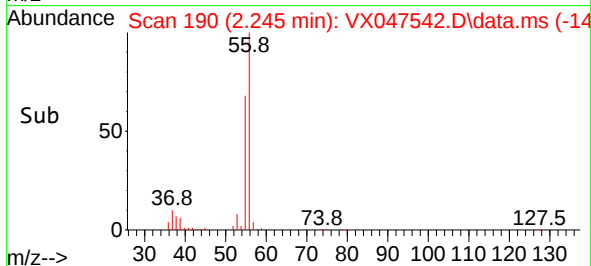
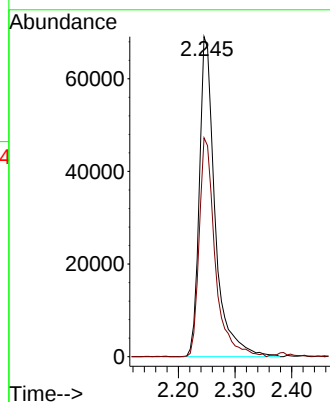
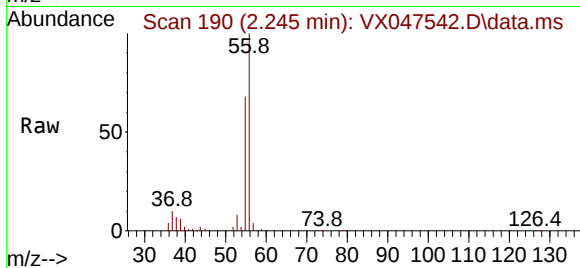




#13
Acrolein
Concen: 211.118 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

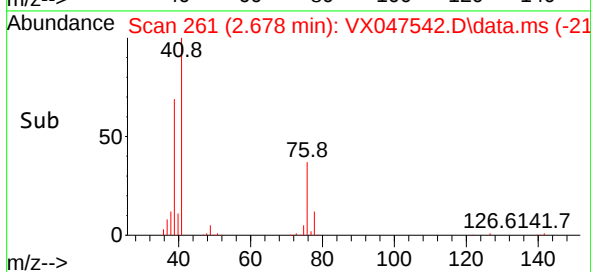
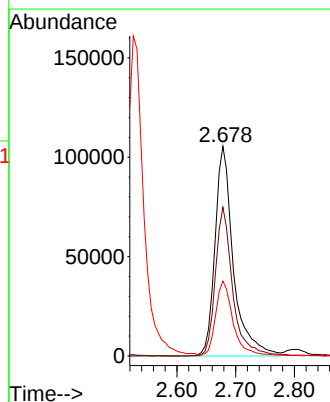
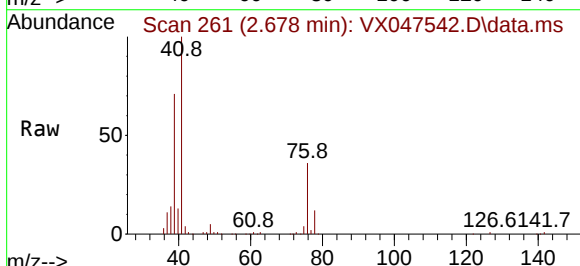
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

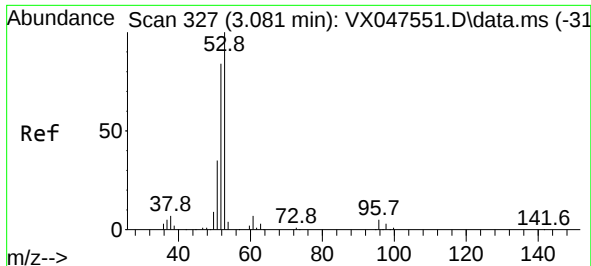
Tgt Ion: 56 Resp: 133058
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.6



#14
Allyl chloride
Concen: 44.589 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 41 Resp: 229779
Ion Ratio Lower Upper
41 100
39 67.0 53.2 79.8
76 33.8 26.8 40.2

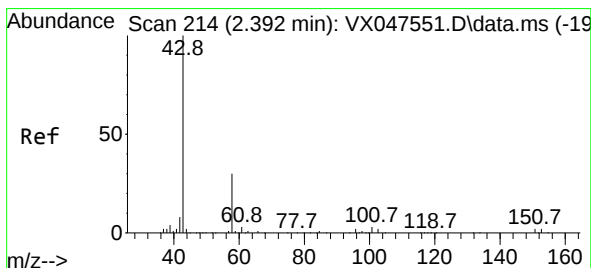
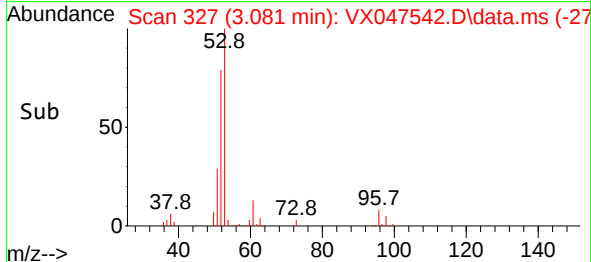
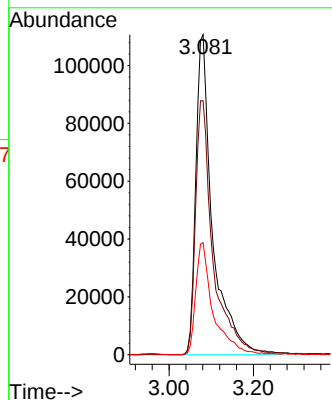
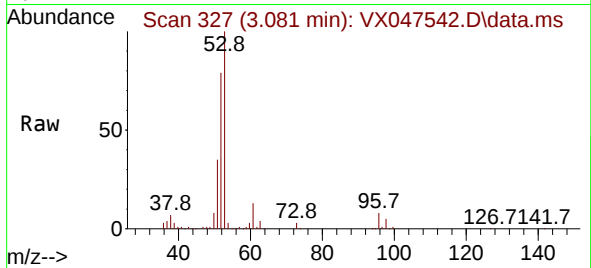




#15
Acrylonitrile
Concen: 218.225 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

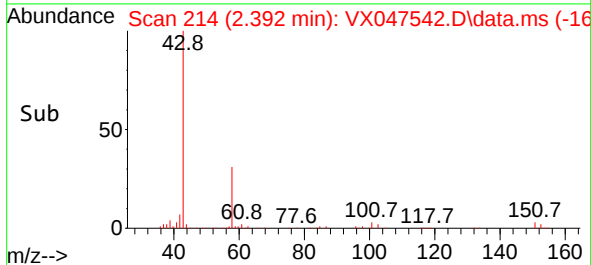
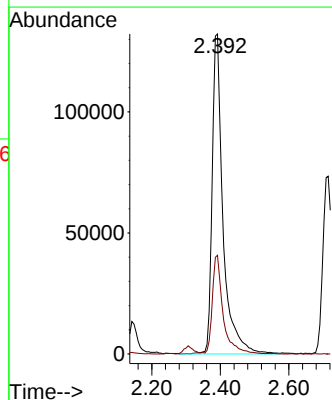
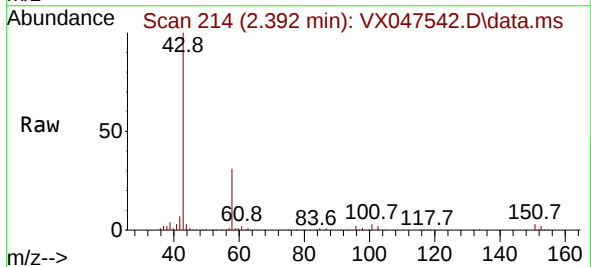
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

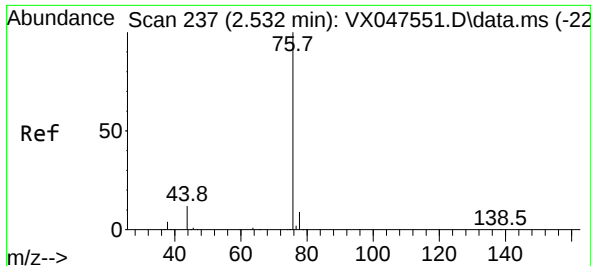
Tgt Ion: 53 Resp: 307017
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 36.5 29.4 44.0



#16
Acetone
Concen: 215.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 43 Resp: 291849
Ion Ratio Lower Upper
43 100
58 30.9 24.2 36.2

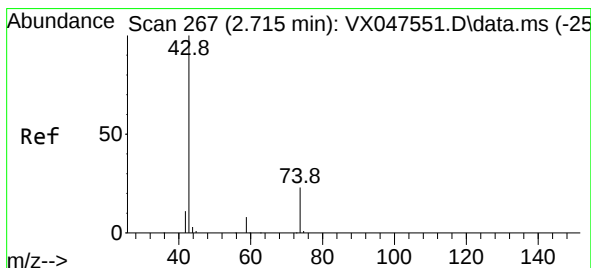
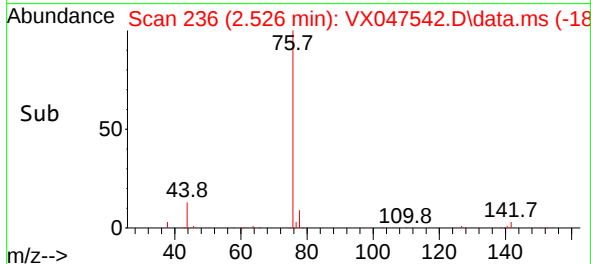
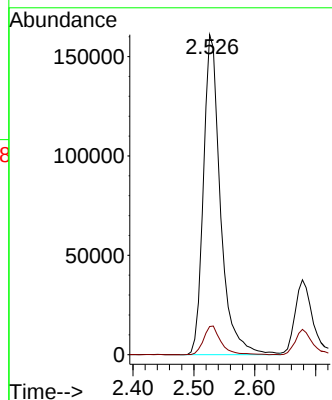
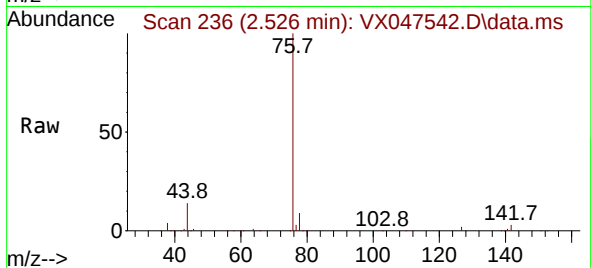




#17
Carbon Disulfide
Concen: 37.384 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

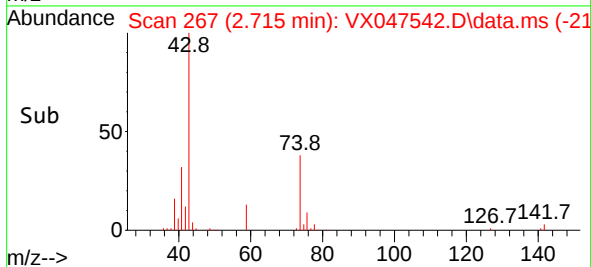
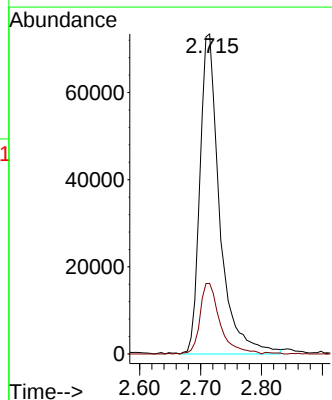
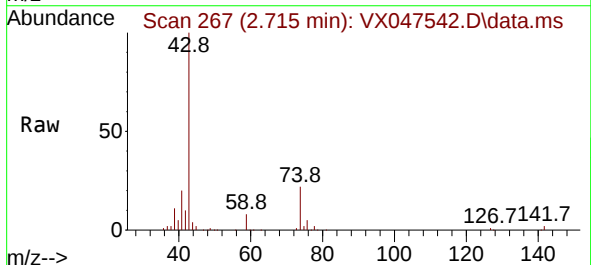
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

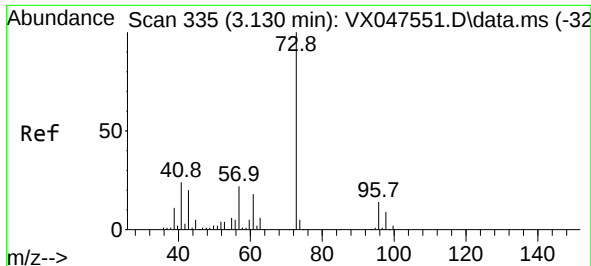
Tgt Ion: 76 Resp: 312697
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 49.600 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 43 Resp: 165658
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8

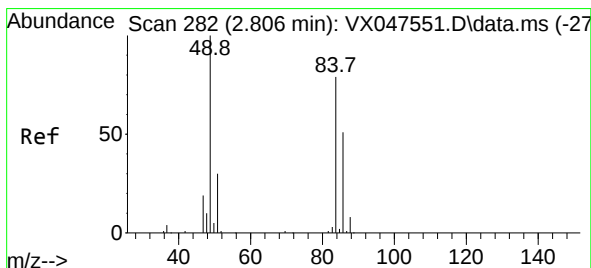
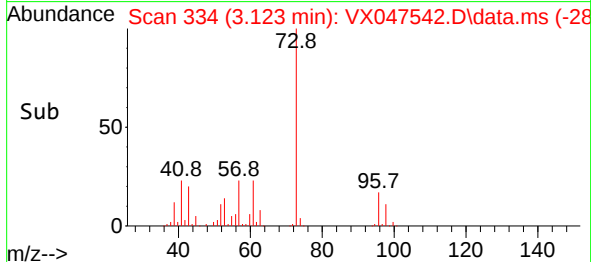
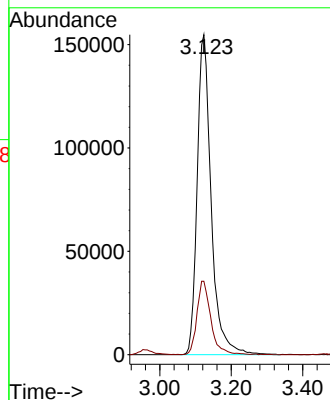
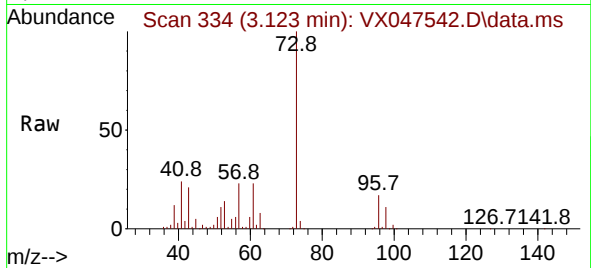




#19
Methyl tert-butyl Ether
Concen: 45.745 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

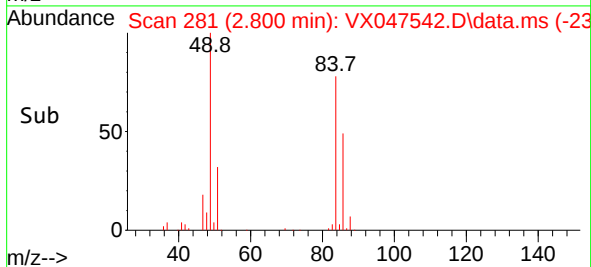
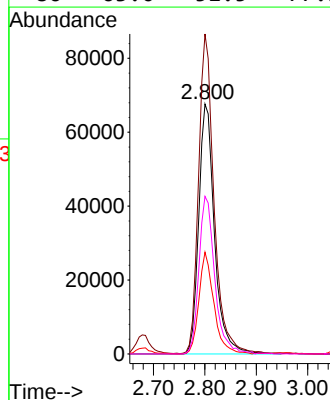
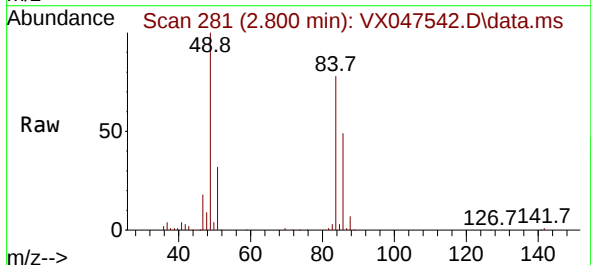
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

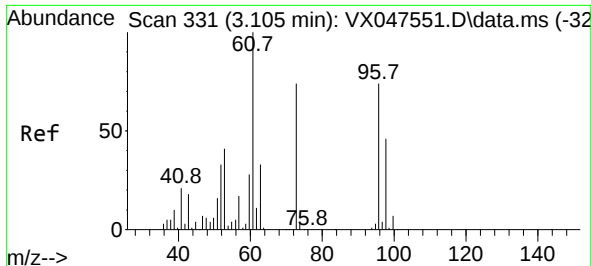
Tgt Ion: 73 Resp: 420015
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2



#20
Methylene Chloride
Concen: 41.880 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 84 Resp: 144370
Ion Ratio Lower Upper
84 100
49 127.9 101.4 152.2
51 40.7 30.6 46.0
86 63.0 51.5 77.3

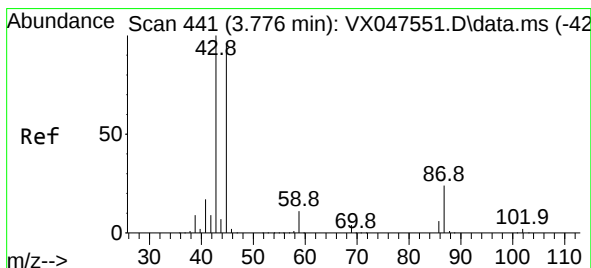
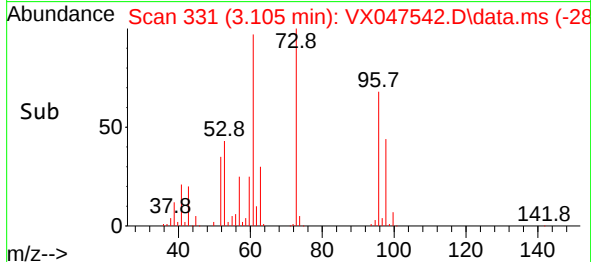
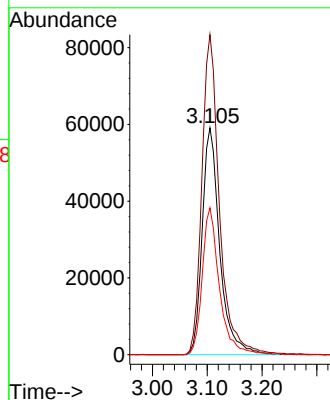
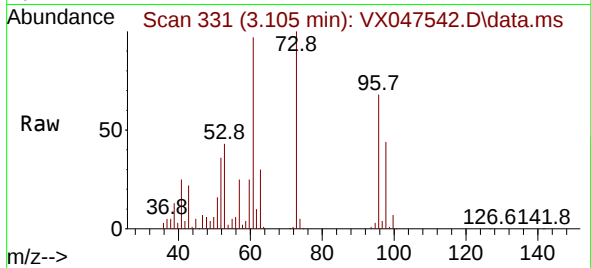




#21
trans-1,2-Dichloroethene
Concen: 43.865 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

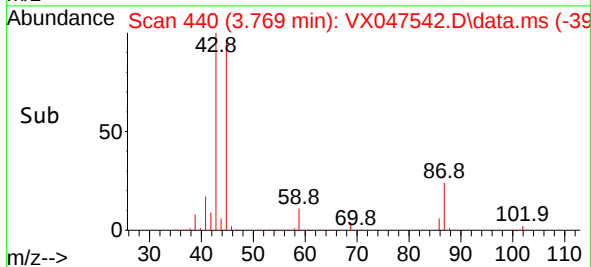
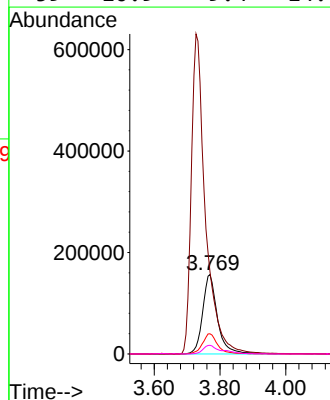
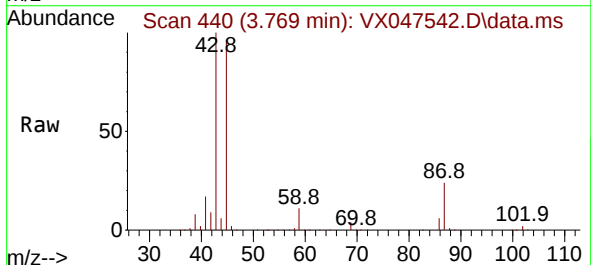
Instrument :
MSVOA_X
ClientSampleId :
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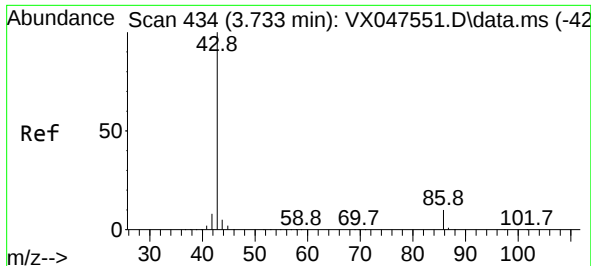
Tgt Ion: 96 Resp: 131310
Ion Ratio Lower Upper
96 100
61 141.1 108.0 162.0
98 64.7 51.6 77.4



#22
Diisopropyl ether
Concen: 47.094 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 45 Resp: 488776
Ion Ratio Lower Upper
45 100
43 103.6 83.2 124.8
87 25.4 20.2 30.4
59 10.9 9.4 14.0

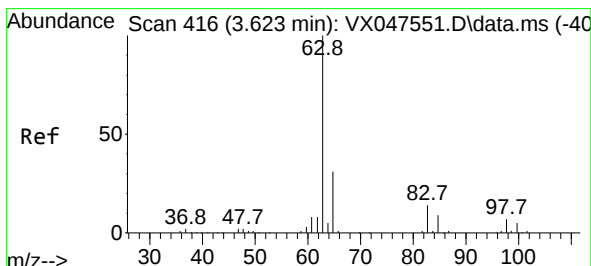
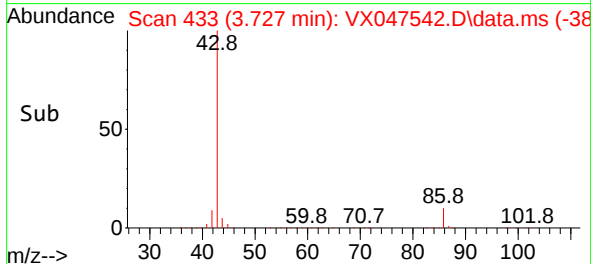
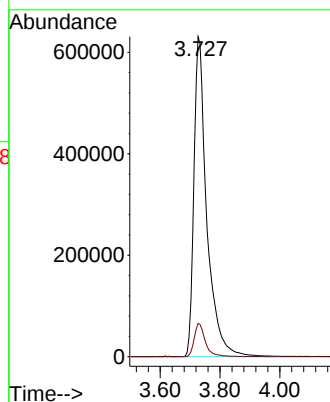
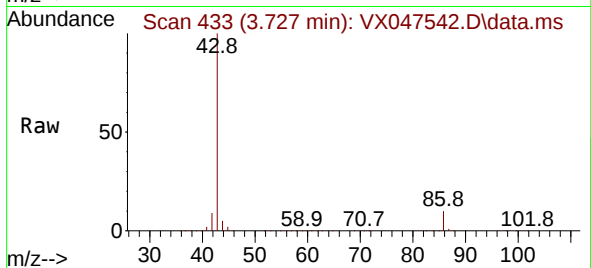




#23
 Vinyl Acetate
 Concen: 223.279 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

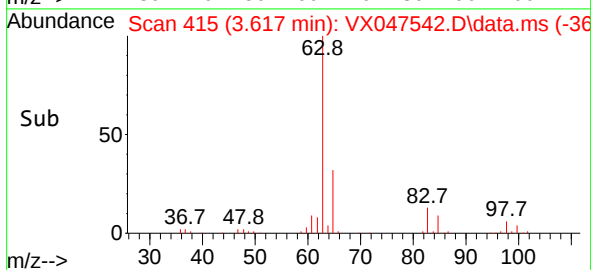
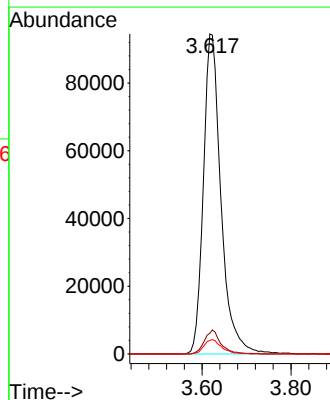
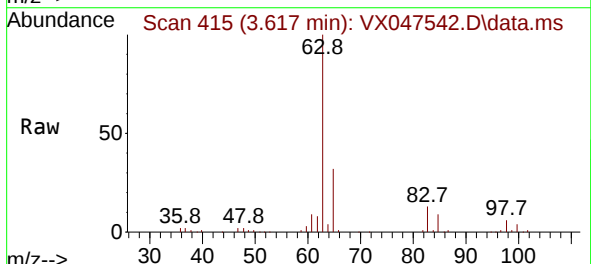
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

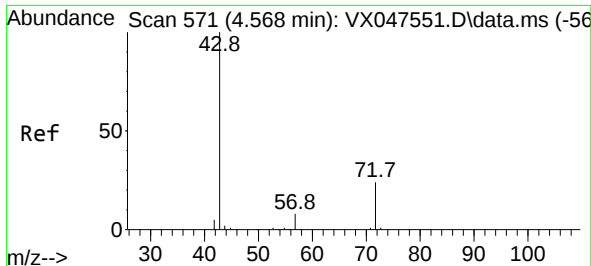
Tgt Ion: 43 Resp: 1886974
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 45.174 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

Tgt Ion: 63 Resp: 260517
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.2 2.6 7.8

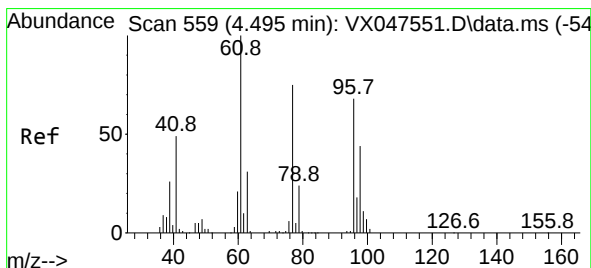
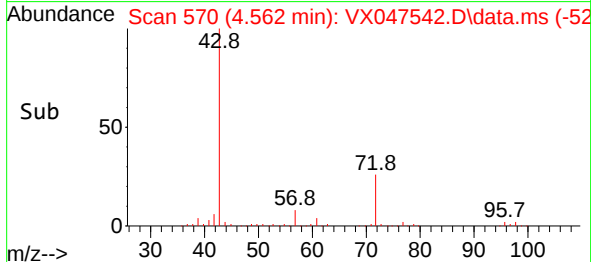
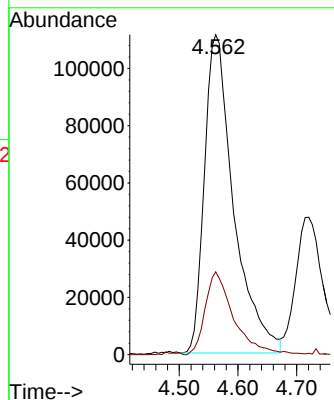
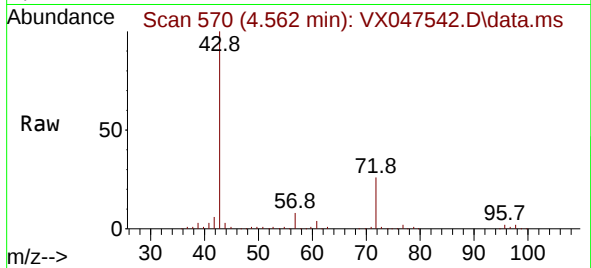




#25
2-Butanone
Concen: 215.689 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

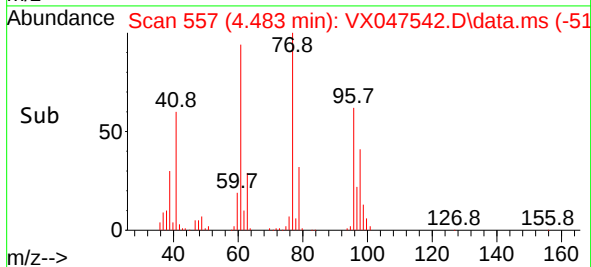
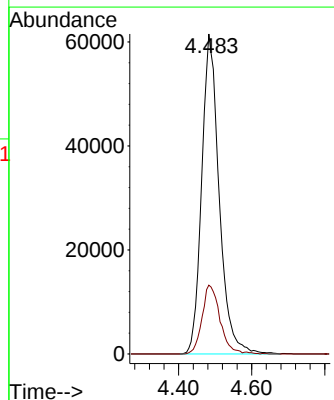
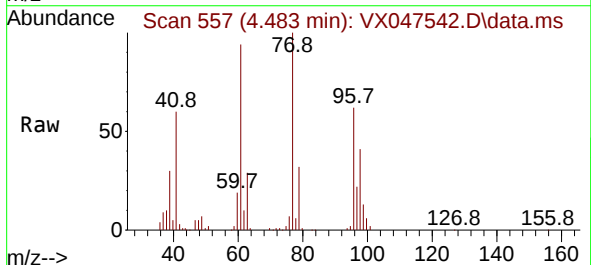
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

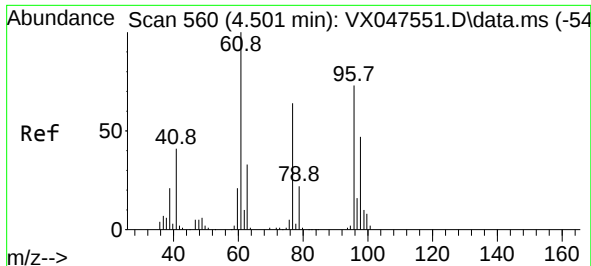
Tgt Ion: 43 Resp: 384535
Ion Ratio Lower Upper
43 100
72 25.2 19.5 29.3



#26
2,2-Dichloropropane
Concen: 48.983 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 77 Resp: 204180
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8

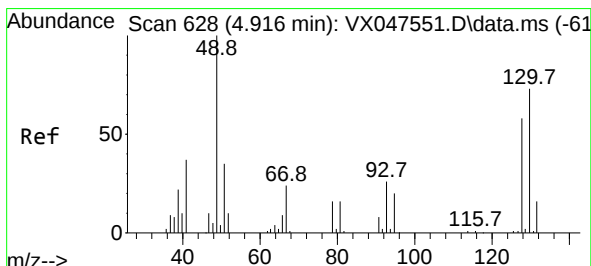
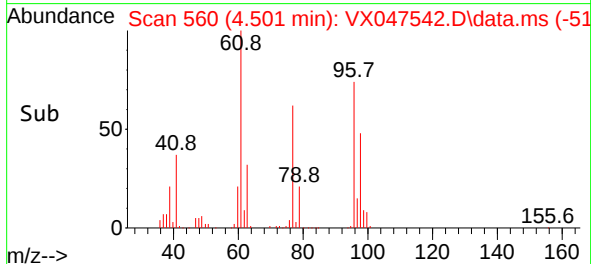
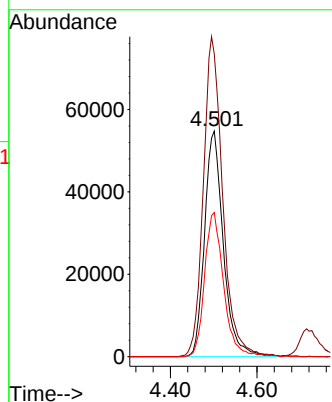
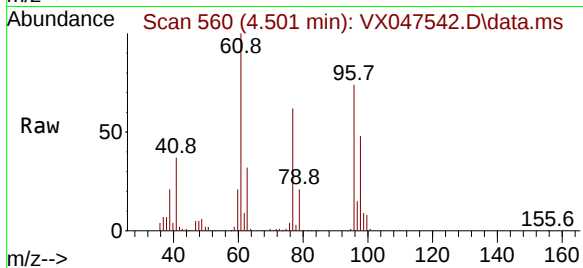




#27
 cis-1,2-Dichloroethene
 Concen: 45.236 ug/l
 RT: 4.501 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

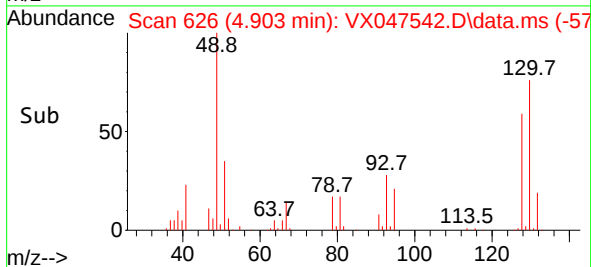
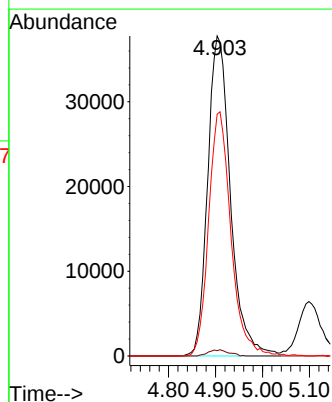
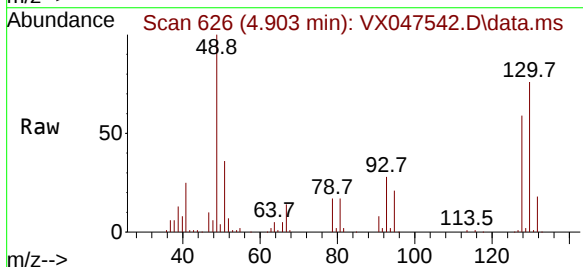
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

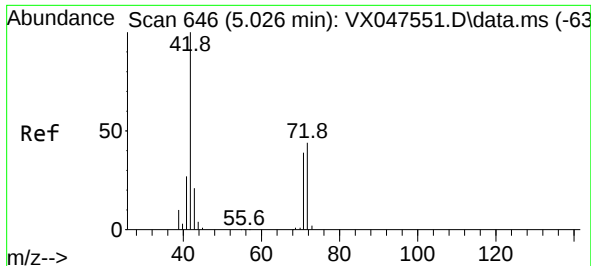
Tgt Ion: 96 Resp: 164986
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 289.4
 98 64.4 0.0 129.2



#28
 Bromochloromethane
 Concen: 51.005 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.012 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

Tgt Ion: 49 Resp: 126937
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 1.8
 130 74.8 59.8 89.6





#29

Tetrahydrofuran

Concen: 209.152 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

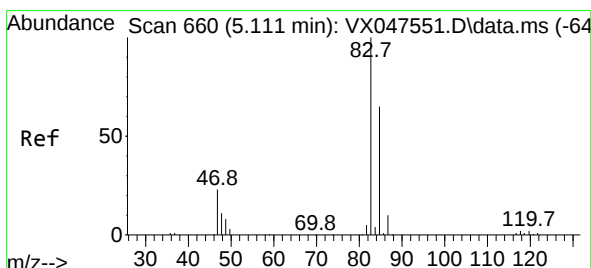
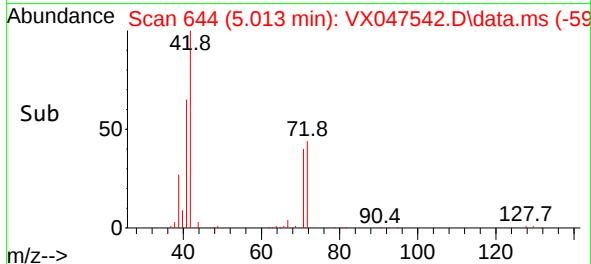
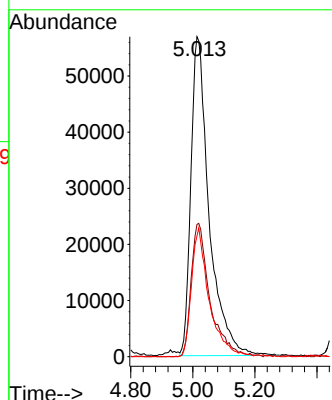
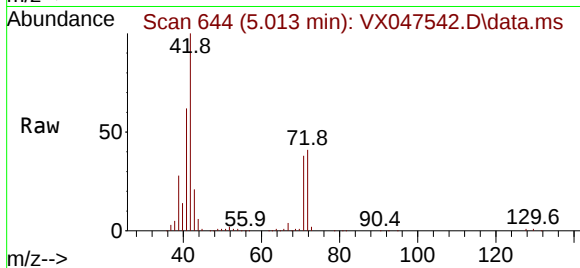
Tgt Ion: 42 Resp: 231398

Ion Ratio Lower Upper

42 100

72 42.9 34.5 51.7

71 39.1 31.7 47.5



#30

Chloroform

Concen: 45.797 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.012 min

Lab File: VX047542.D

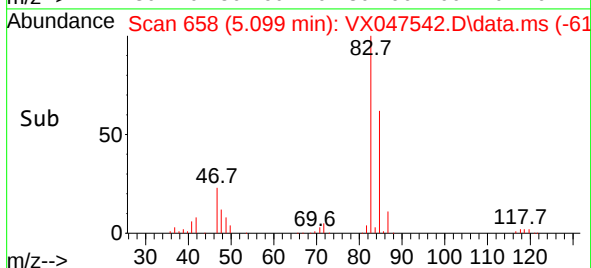
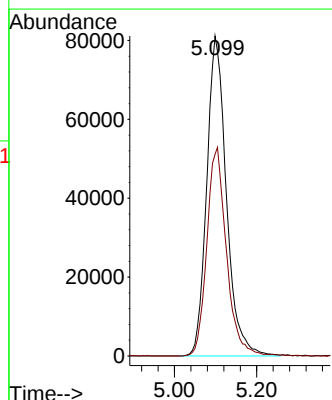
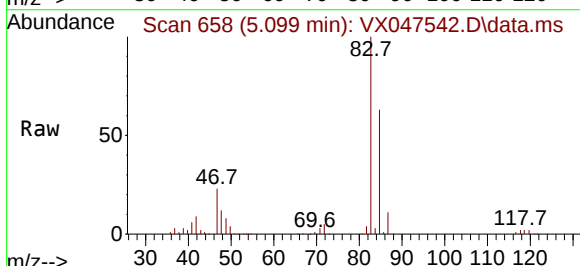
Acq: 28 Aug 2025 10:32

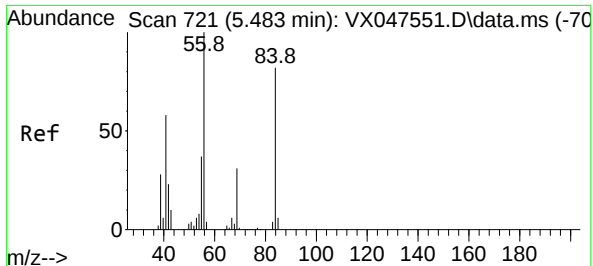
Tgt Ion: 83 Resp: 268940

Ion Ratio Lower Upper

83 100

85 63.0 52.3 78.5

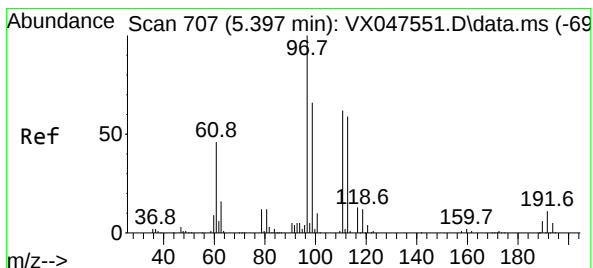
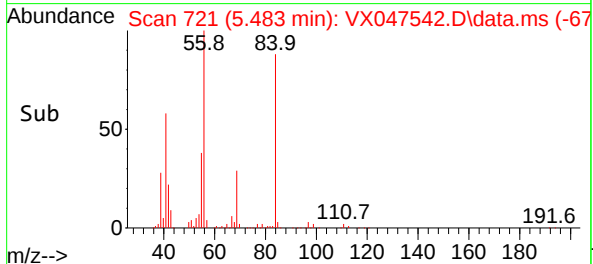
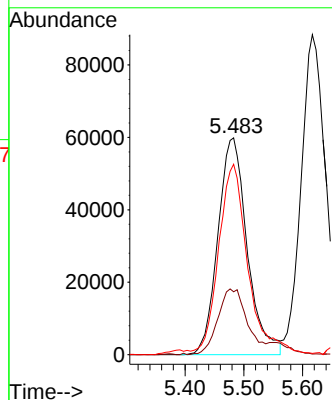
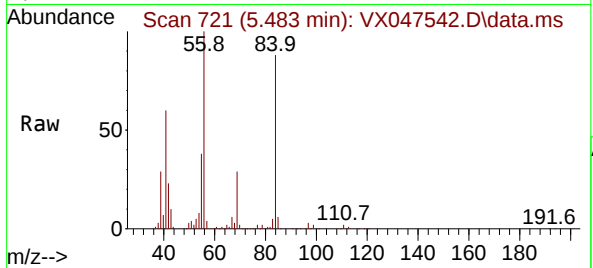




#31
Cyclohexane
Concen: 43.003 ug/l
RT: 5.483 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

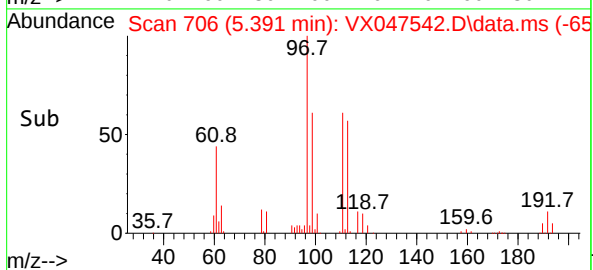
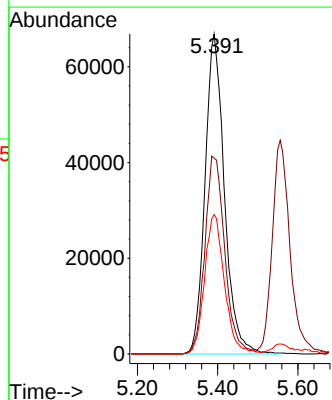
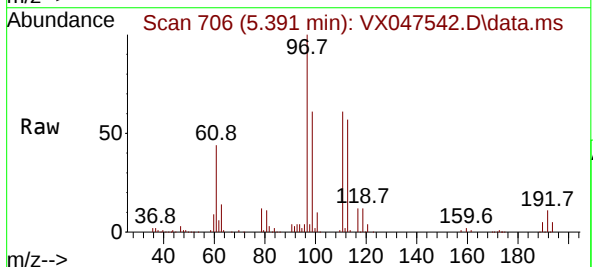
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

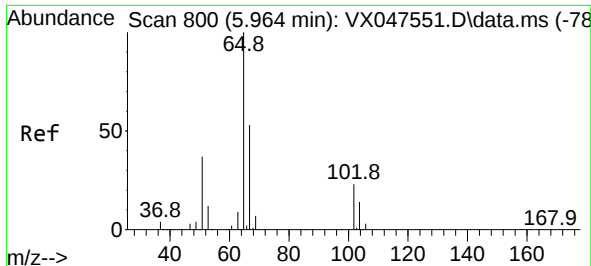
Tgt Ion: 56 Resp: 206828
Ion Ratio Lower Upper
56 100
69 28.3 24.2 36.2
84 85.5 65.5 98.3



#32
1,1,1-Trichloroethane
Concen: 46.869 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 97 Resp: 224245
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 44.8 36.5 54.7

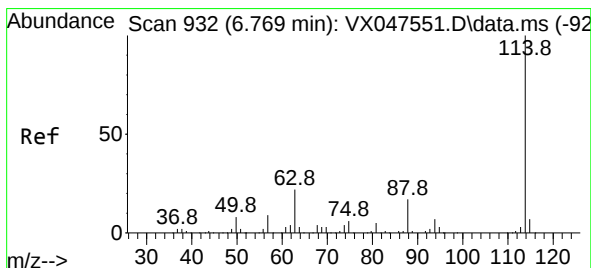
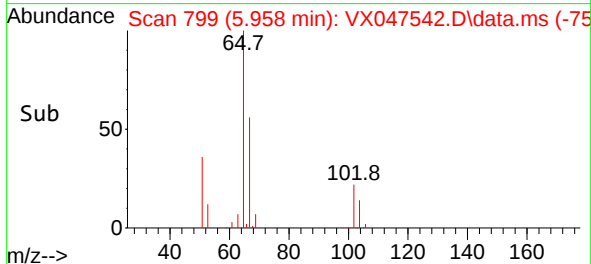
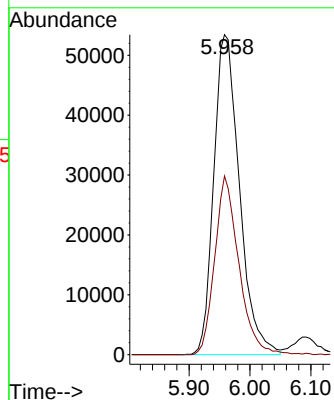
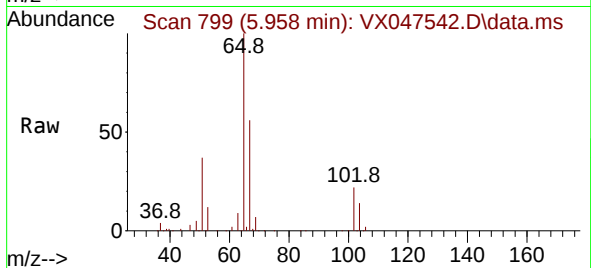




#33
 1,2-Dichloroethane-d4
 Concen: 45.735 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

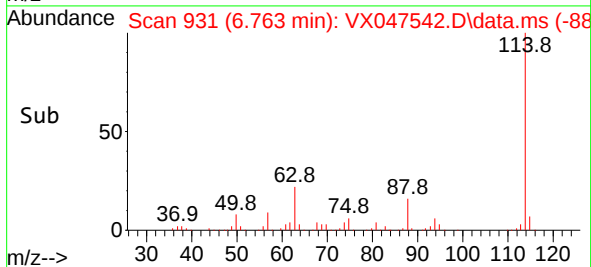
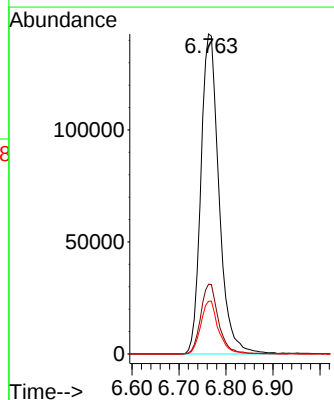
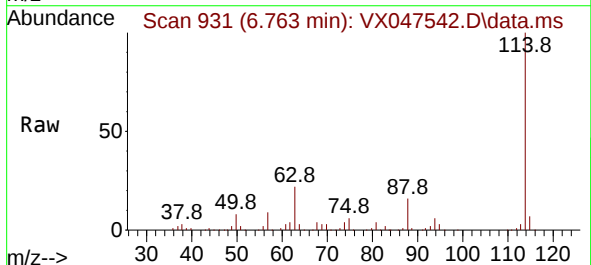
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

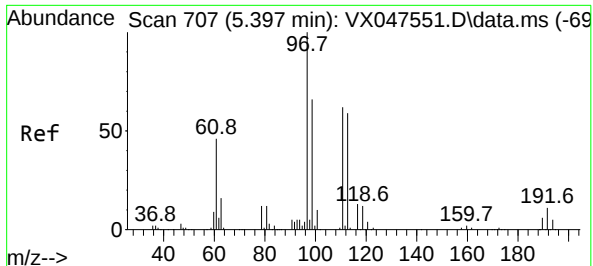
Tgt Ion: 65 Resp: 156440
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

Tgt Ion: 114 Resp: 382166
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.798 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

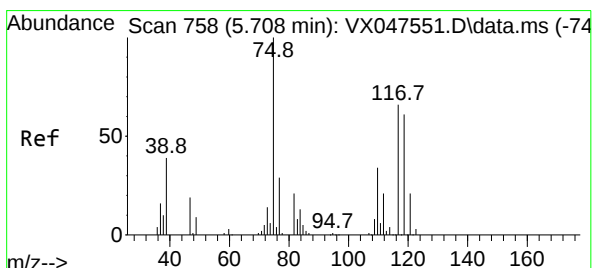
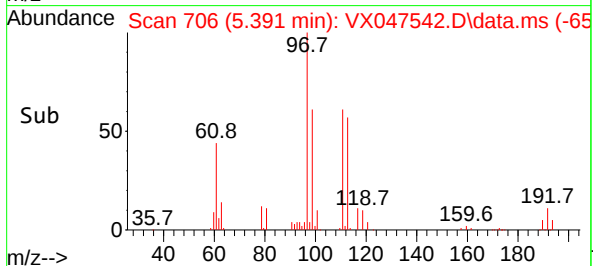
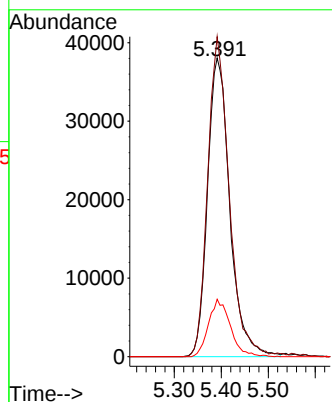
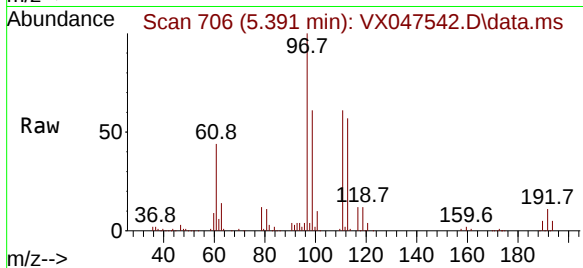
Tgt Ion:113 Resp: 125372

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

192 18.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 46.592 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

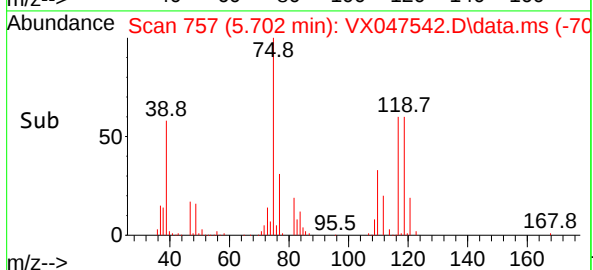
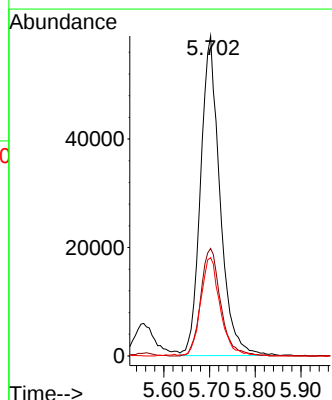
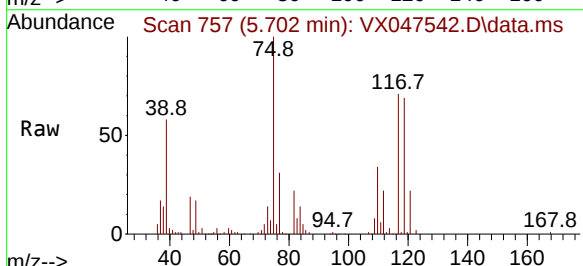
Tgt Ion: 75 Resp: 173920

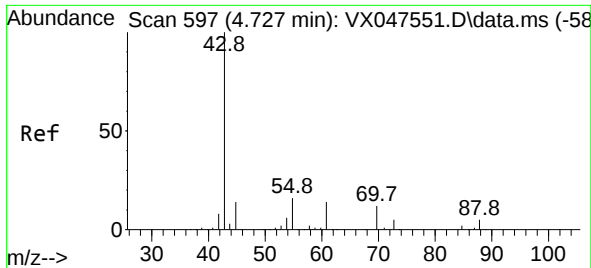
Ion Ratio Lower Upper

75 100

110 34.7 17.1 51.3

77 31.1 25.0 37.6

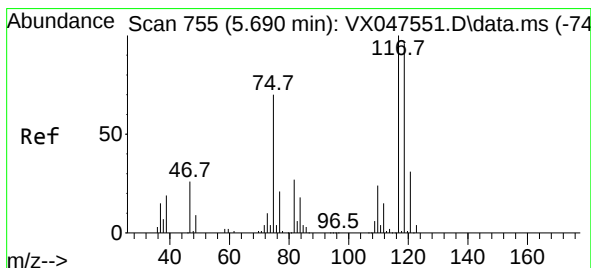
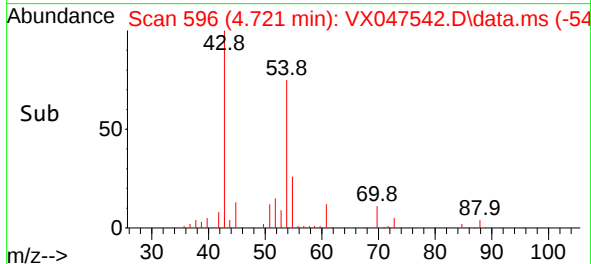
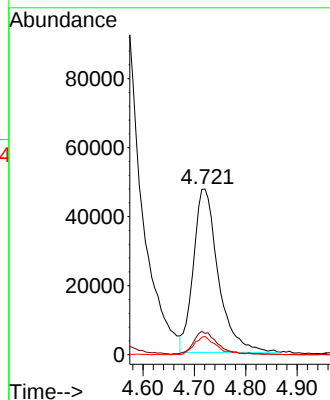
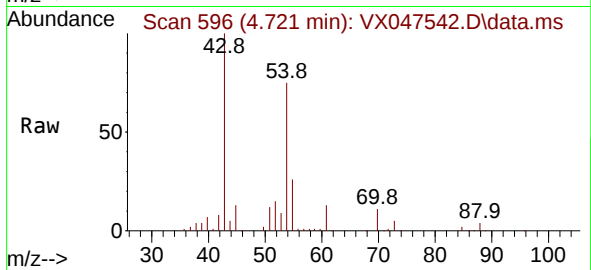




#37
Ethyl Acetate
Concen: 43.269 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

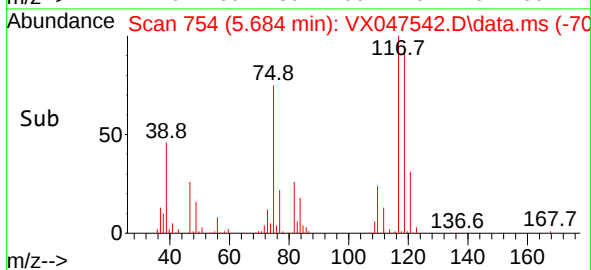
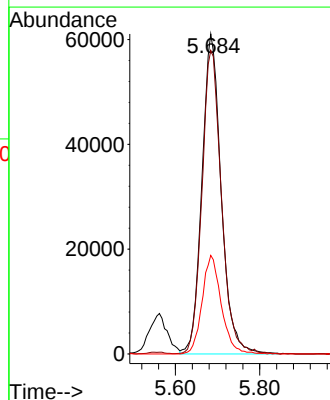
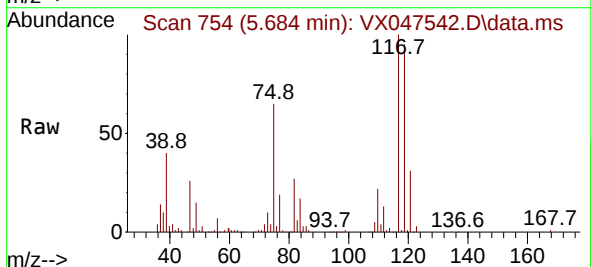
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

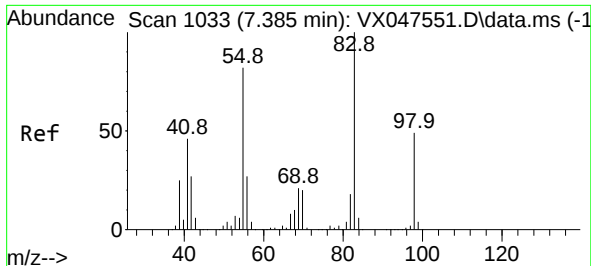
Tgt Ion: 43 Resp: 159195
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 10.5 8.2 12.4



#38
Carbon Tetrachloride
Concen: 46.879 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:117 Resp: 194166
Ion Ratio Lower Upper
117 100
119 94.9 76.4 114.6
121 30.8 24.9 37.3





#39

Methylcyclohexane

Concen: 45.882 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

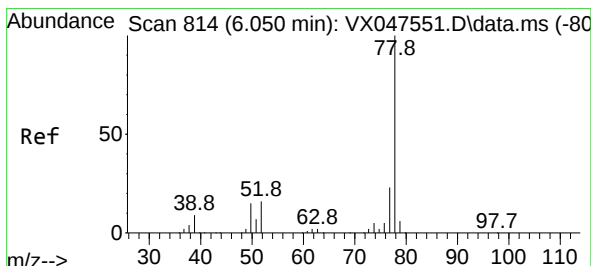
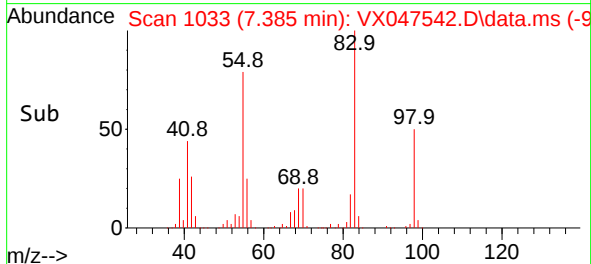
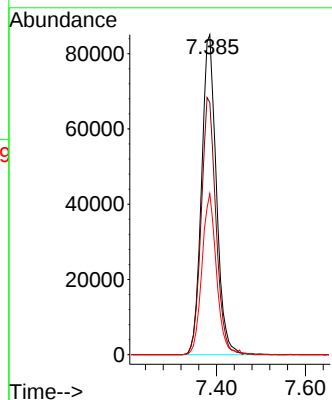
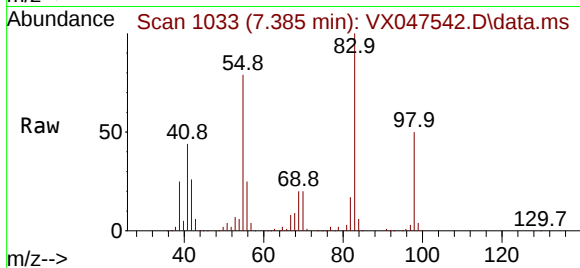
Tgt Ion: 83 Resp: 197520

Ion Ratio Lower Upper

83 100

55 78.8 65.4 98.2

98 50.3 39.0 58.4



#40

Benzene

Concen: 45.925 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX047542.D

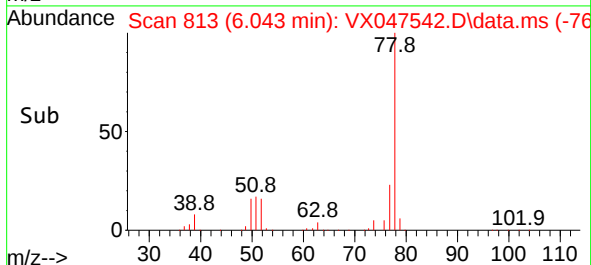
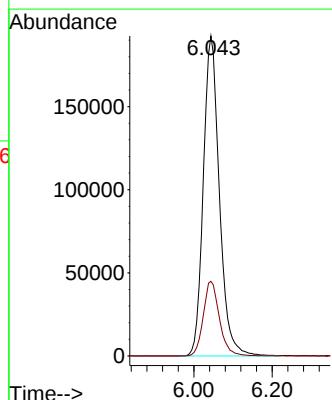
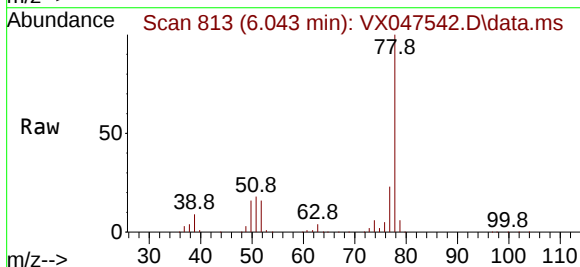
Acq: 28 Aug 2025 10:32

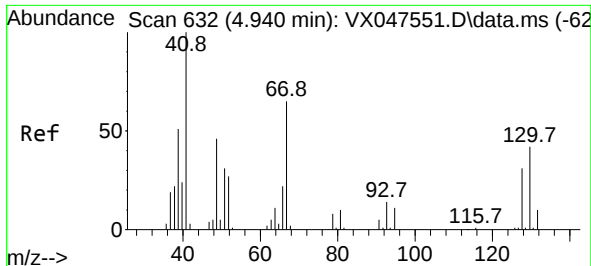
Tgt Ion: 78 Resp: 547300

Ion Ratio Lower Upper

78 100

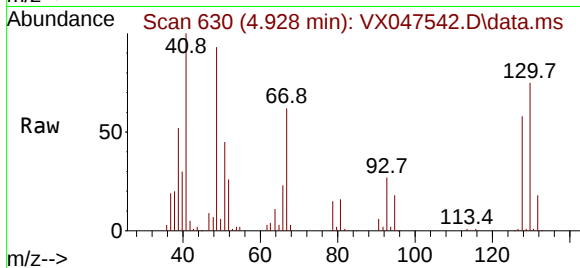
77 23.3 18.5 27.7





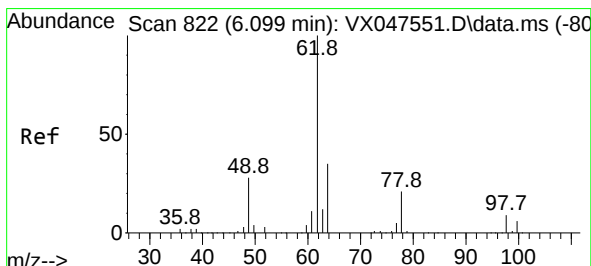
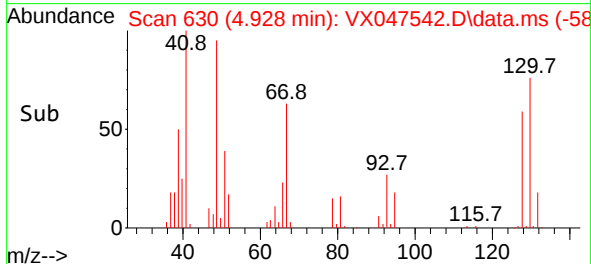
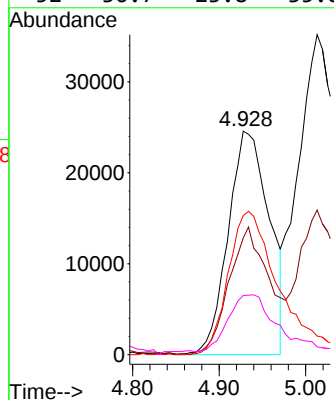
#41
Methacrylonitrile
Concen: 46.443 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 80926

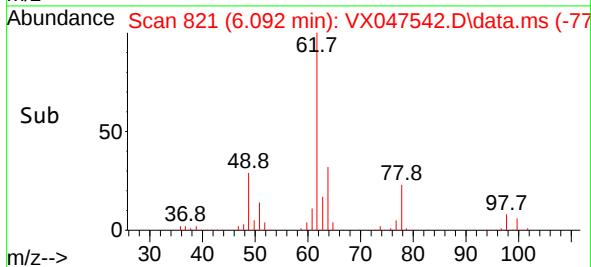
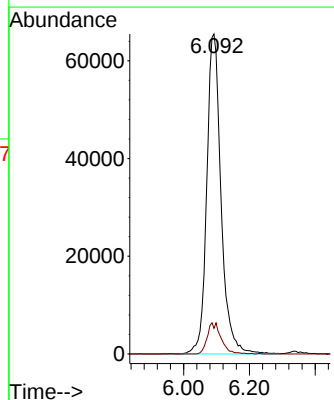
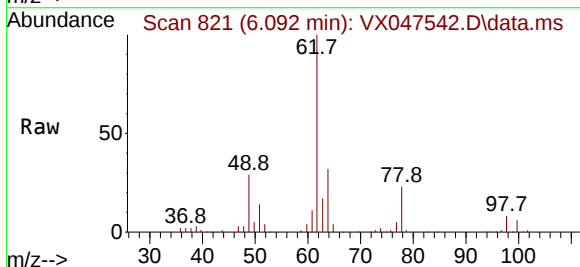
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.4	63.6
67	80.7	60.6	90.8
52	36.7	23.8	35.8

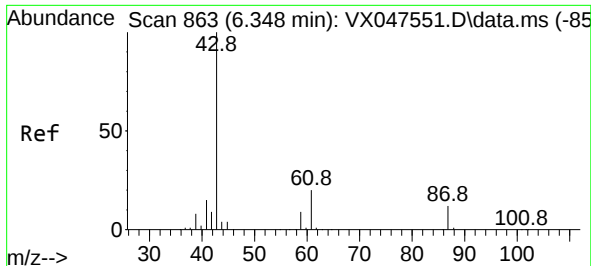


#42
1,2-Dichloroethane
Concen: 46.225 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 62 Resp: 198308

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 46.100 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

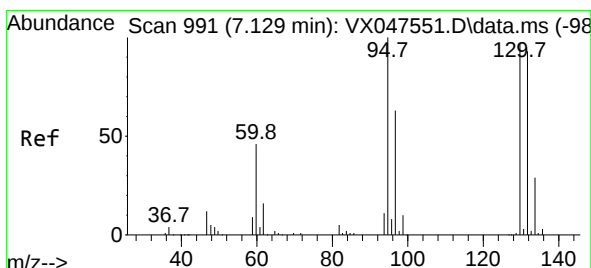
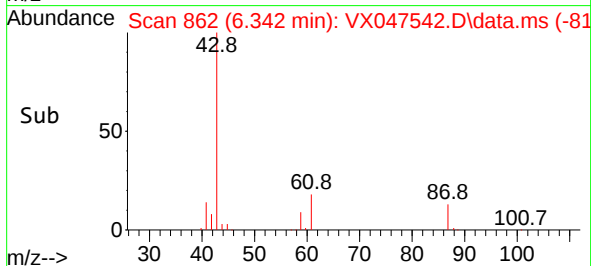
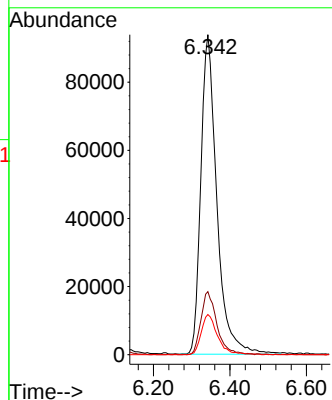
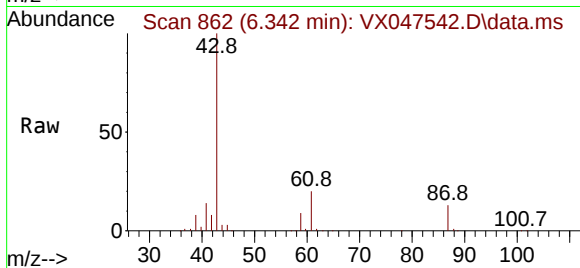
Tgt Ion: 43 Resp: 272537

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.2

87 12.8 9.9 14.9



#44

Trichloroethene

Concen: 46.233 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX047542.D

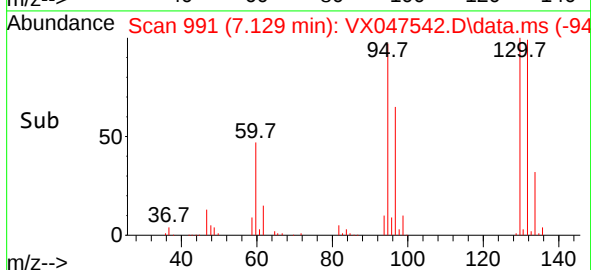
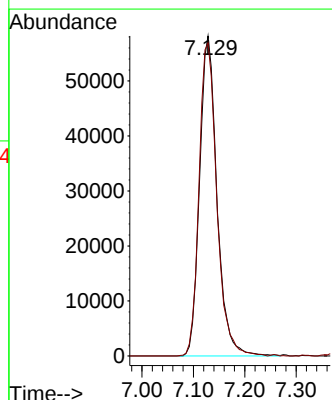
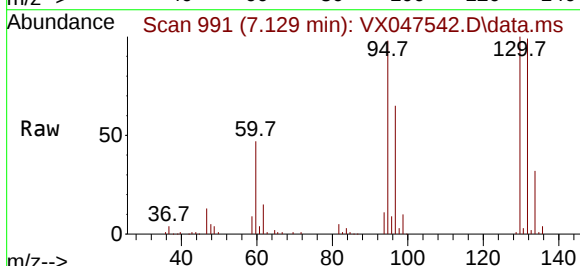
Acq: 28 Aug 2025 10:32

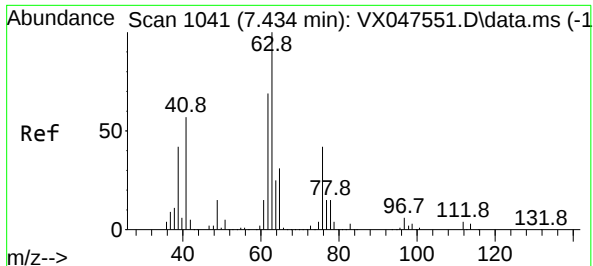
Tgt Ion:130 Resp: 136515

Ion Ratio Lower Upper

130 100

95 97.8 0.0 206.6





#45

1,2-Dichloropropane

Concen: 47.458 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

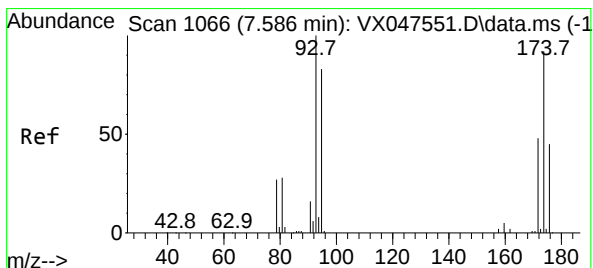
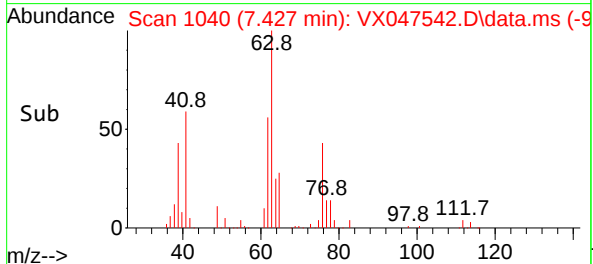
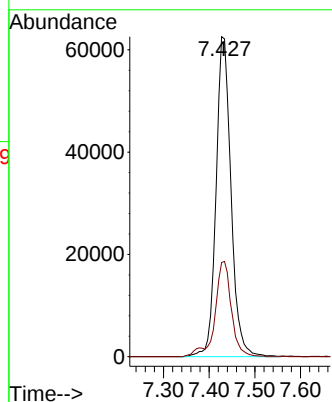
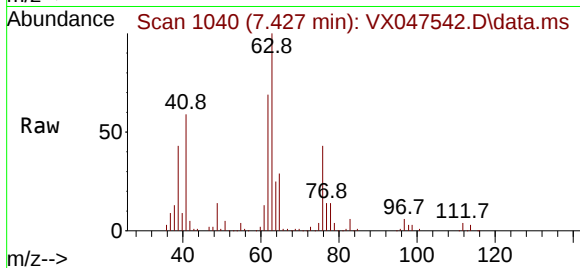
VSTDCCC050

Tgt Ion: 63 Resp: 142458

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 45.925 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

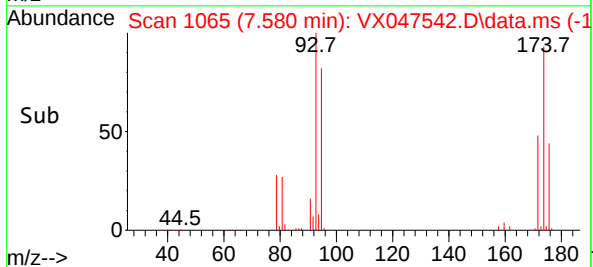
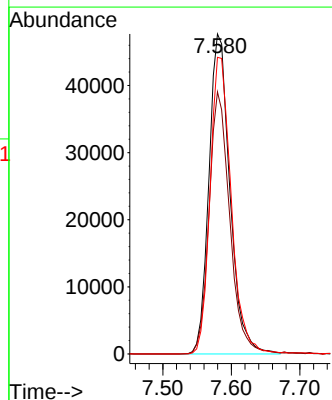
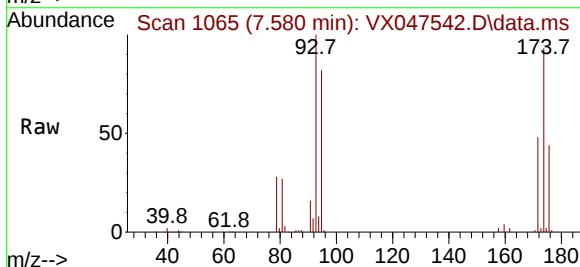
Tgt Ion: 93 Resp: 101483

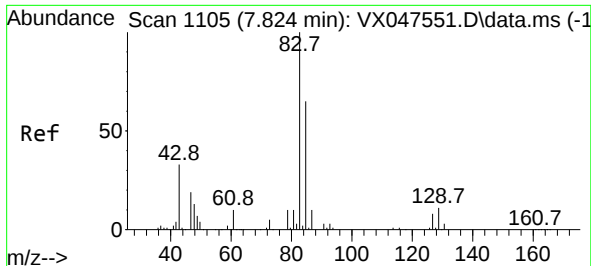
Ion Ratio Lower Upper

93 100

95 80.7 66.7 100.1

174 93.5 75.2 112.8

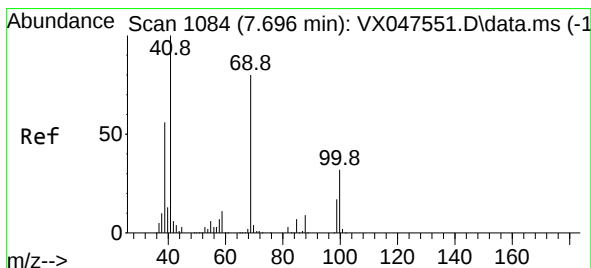
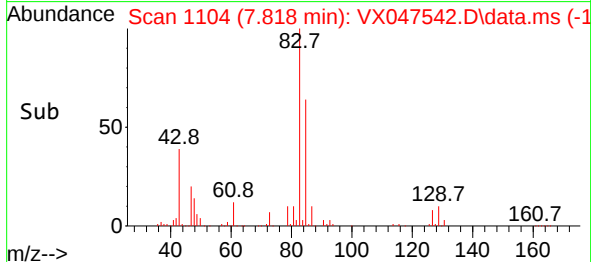
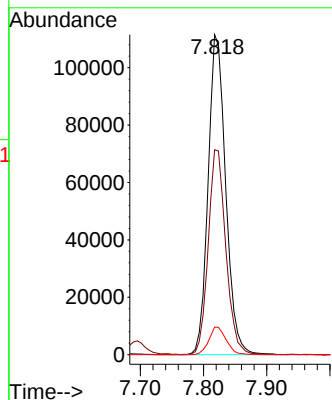
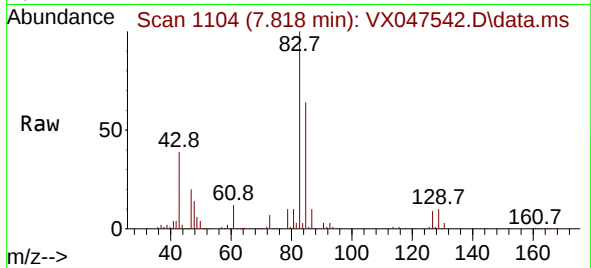




#47
Bromodichloromethane
Concen: 47.735 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

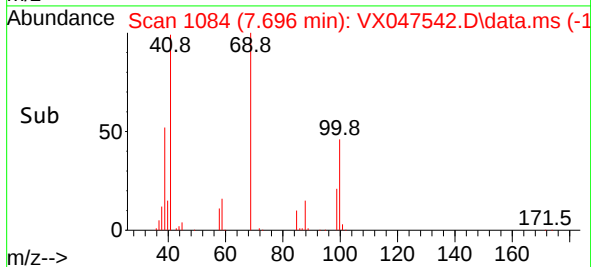
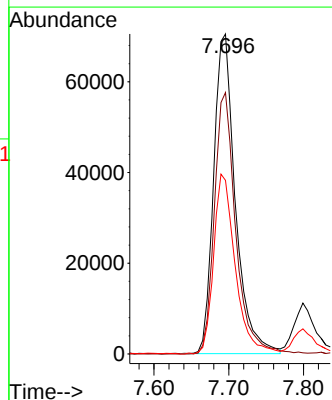
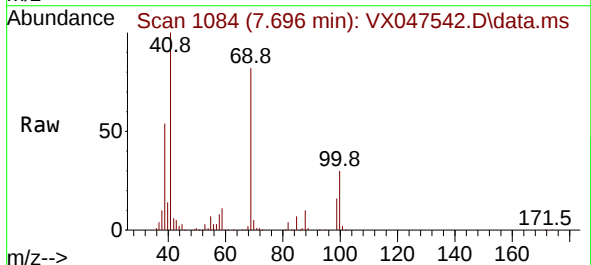
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

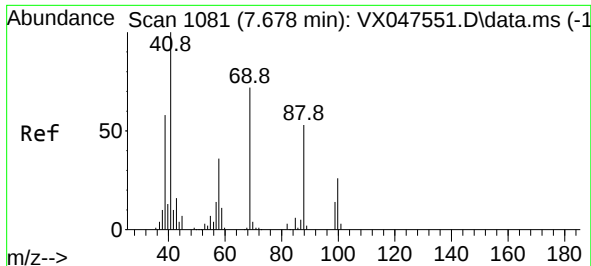
Tgt Ion: 83 Resp: 215723
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 46.945 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 41 Resp: 142767
Ion Ratio Lower Upper
41 100
69 80.6 63.4 95.2
39 56.1 44.7 67.1





#49

1,4-Dioxane

Concen: 1029.427 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

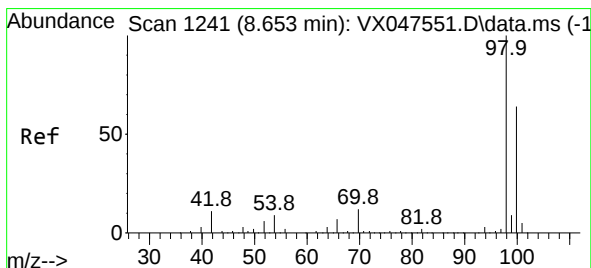
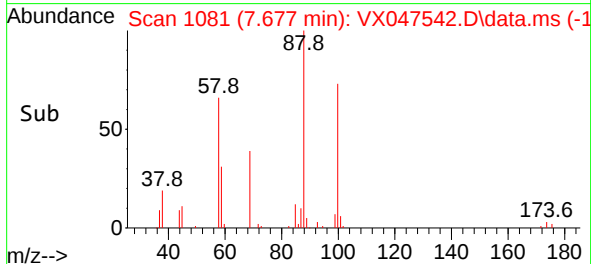
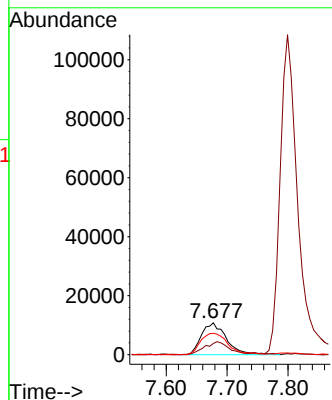
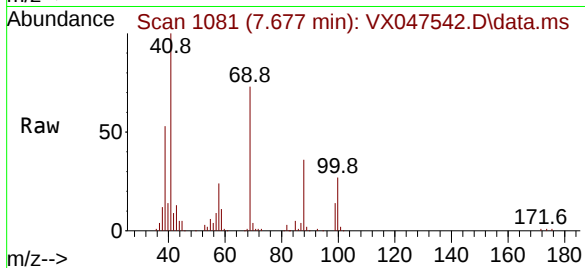
Tgt Ion: 88 Resp: 30969

Ion Ratio Lower Upper

88 100

43 37.8 31.9 47.9

58 73.4 57.5 86.3



#50

Toluene-d8

Concen: 47.434 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047542.D

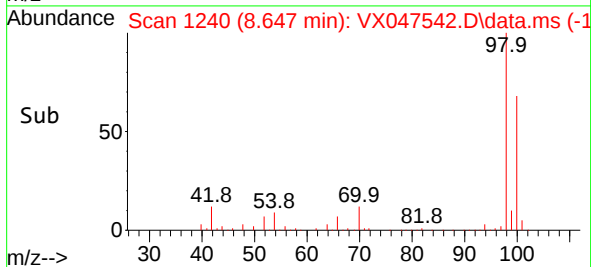
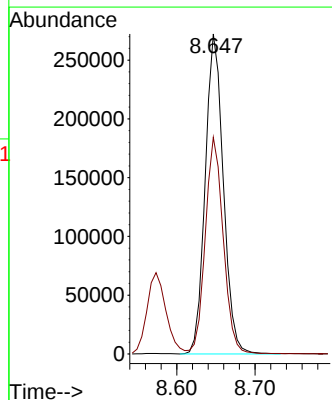
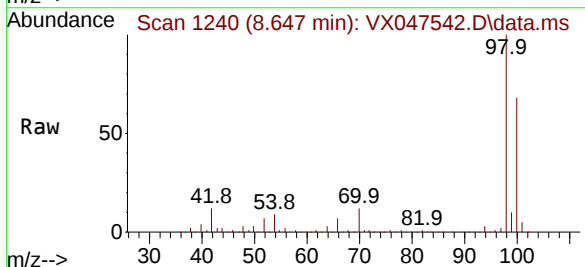
Acq: 28 Aug 2025 10:32

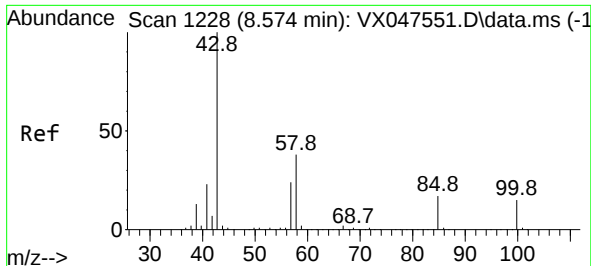
Tgt Ion: 98 Resp: 436099

Ion Ratio Lower Upper

98 100

100 67.6 53.5 80.3

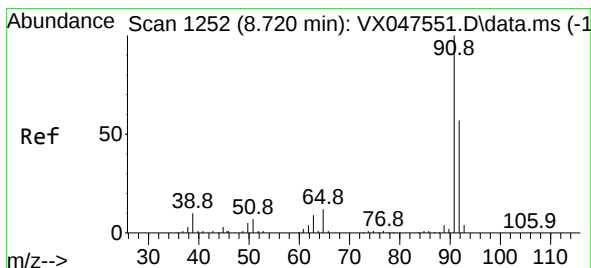
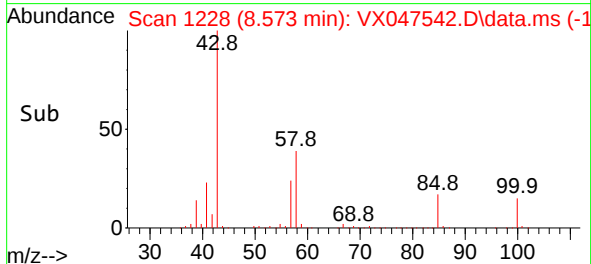
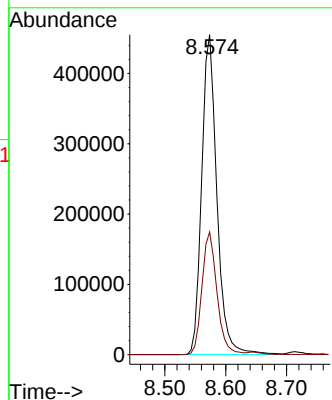
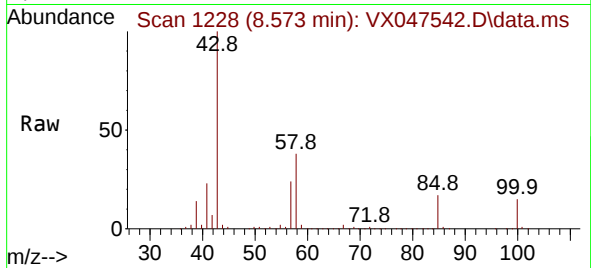




#51
4-Methyl-2-Pentanone
Concen: 225.948 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

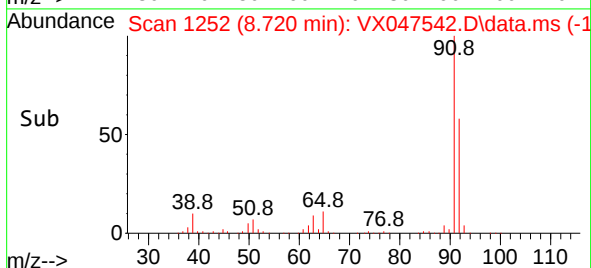
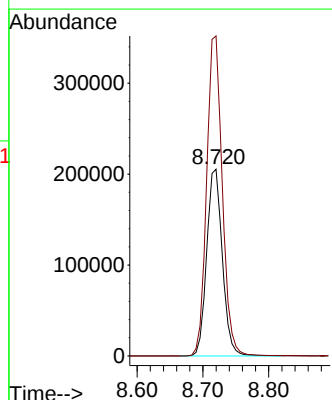
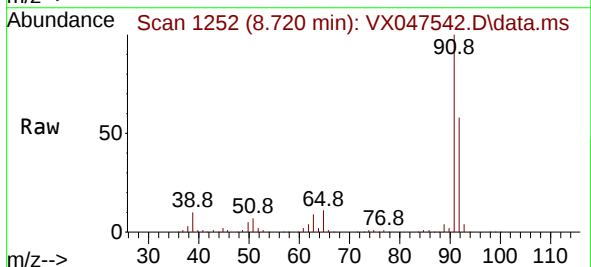
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

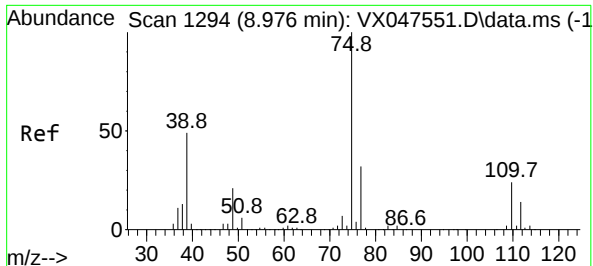
Tgt Ion: 43 Resp: 789242
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6



#52
Toluene
Concen: 46.783 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 92 Resp: 339766
Ion Ratio Lower Upper
92 100
91 171.9 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 49.484 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

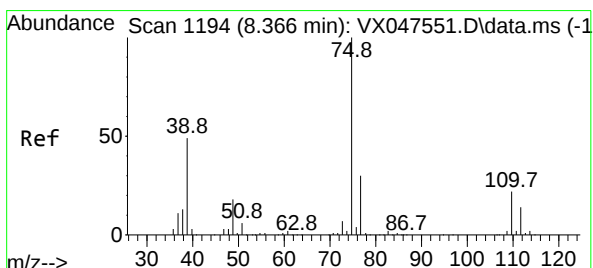
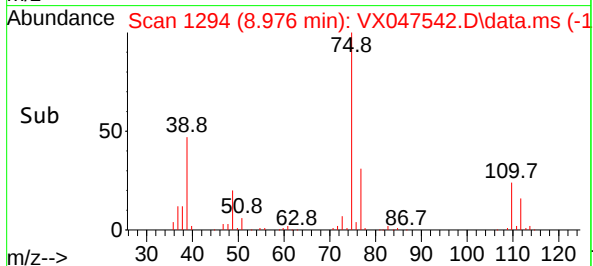
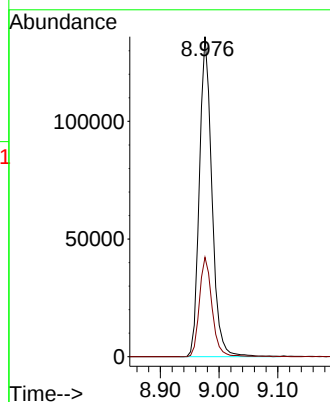
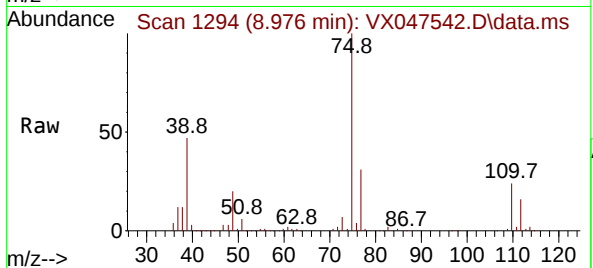
VSTDCCC050

Tgt Ion: 75 Resp: 201468

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 49.488 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

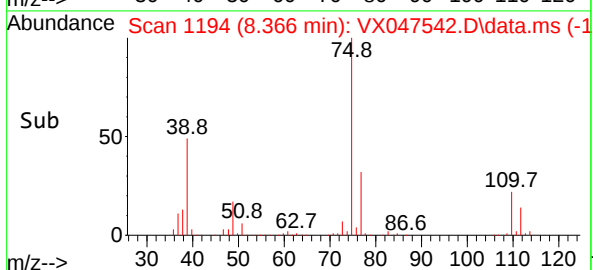
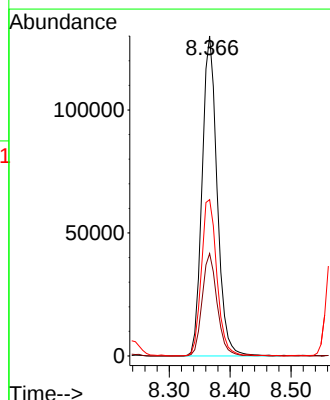
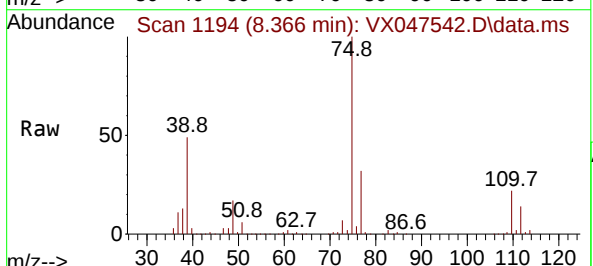
Tgt Ion: 75 Resp: 223251

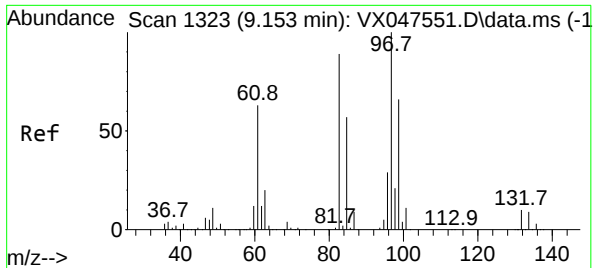
Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5

39 48.8 39.0 58.4



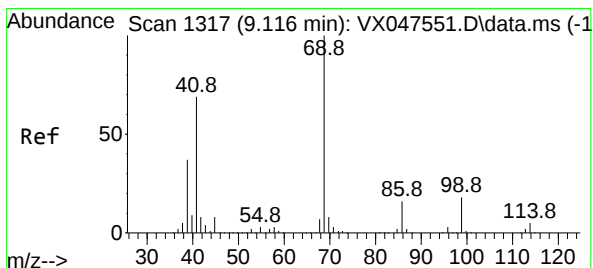
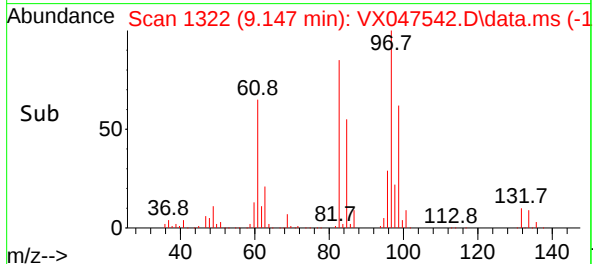
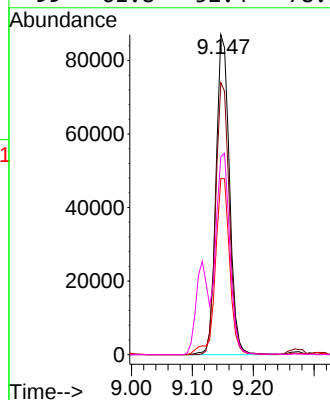
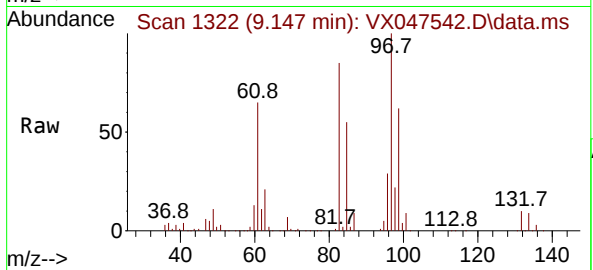


#55
1,1,2-Trichloroethane
Concen: 47.144 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 133571

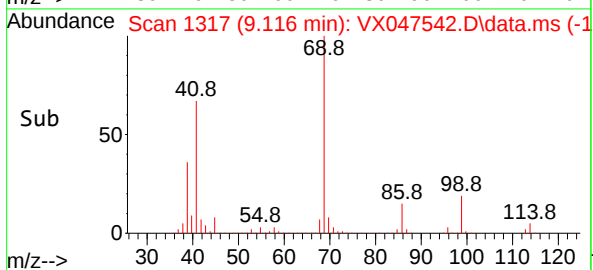
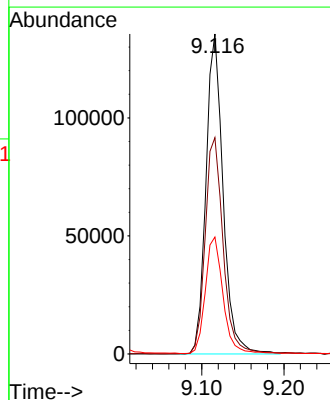
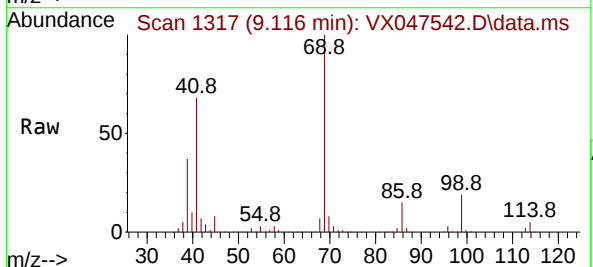
Ion	Ratio	Lower	Upper
97	100		
83	85.0	71.4	107.0
85	55.1	45.6	68.4
99	61.8	52.4	78.6

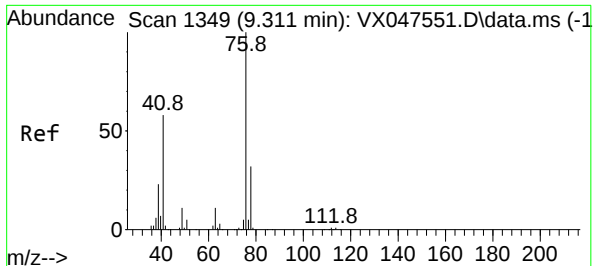


#56
Ethyl methacrylate
Concen: 46.848 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 69 Resp: 196487

Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.0	82.4
39	37.5	29.8	44.6





#57

1,3-Dichloropropane

Concen: 46.896 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

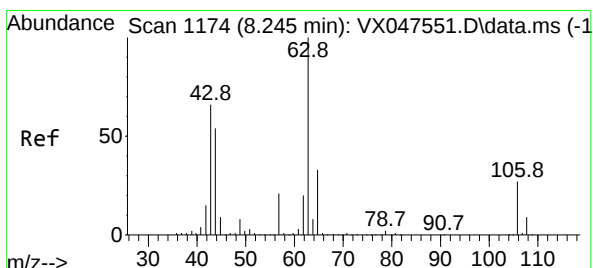
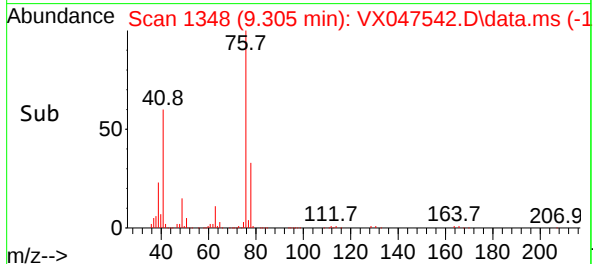
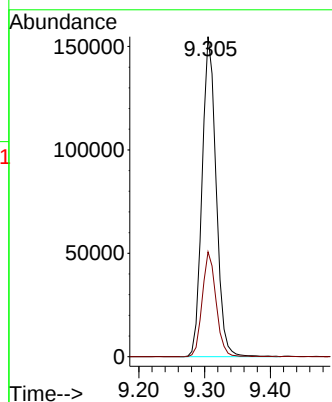
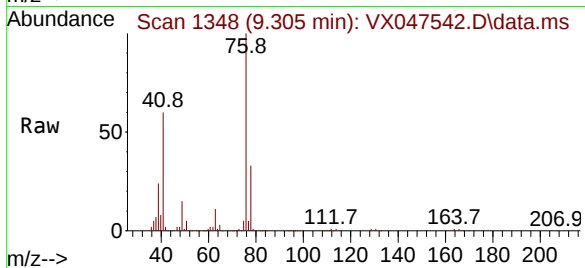
VSTDCCC050

Tgt Ion: 76 Resp: 230037

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.463 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.007 min

Lab File: VX047542.D

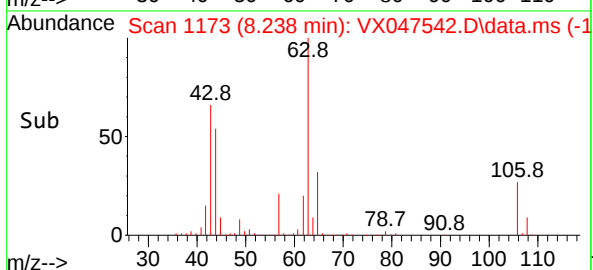
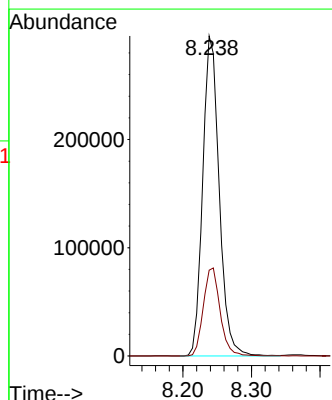
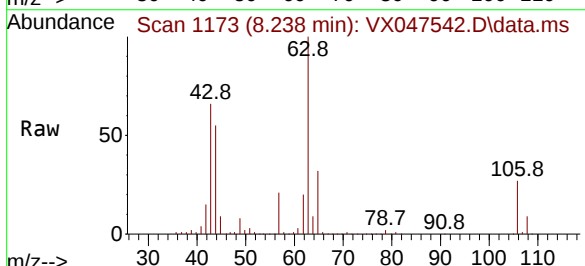
Acq: 28 Aug 2025 10:32

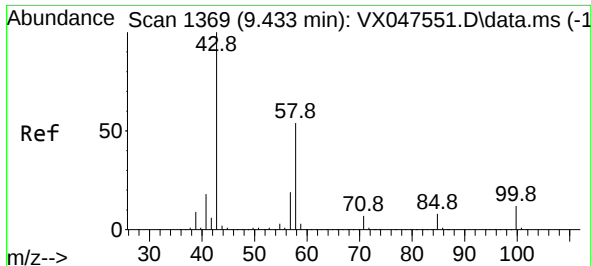
Tgt Ion: 63 Resp: 495528

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.4

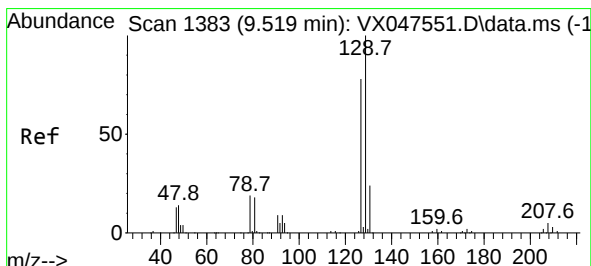
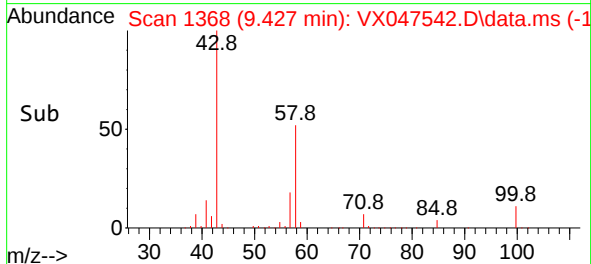
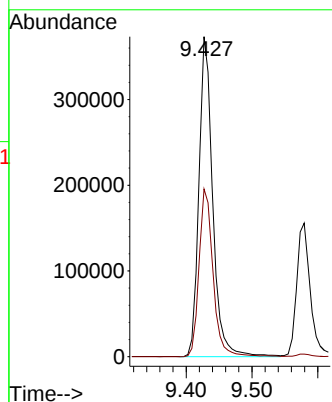
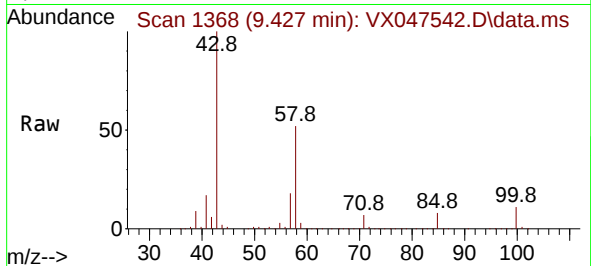




#59
2-Hexanone
Concen: 228.088 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

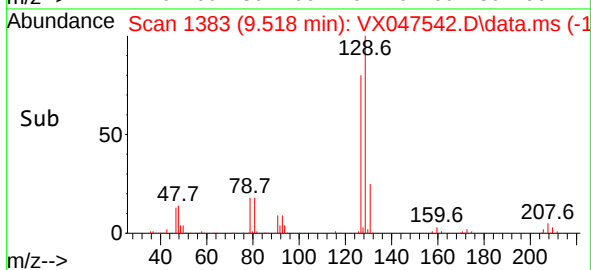
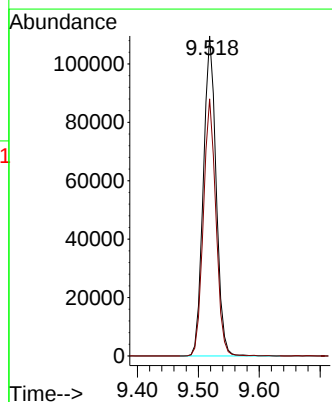
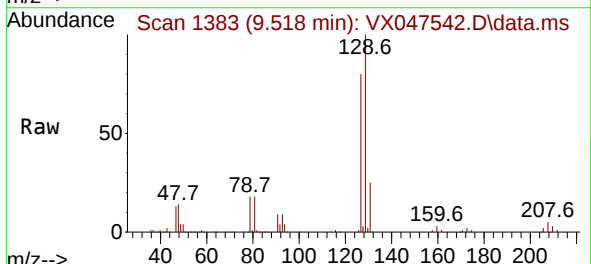
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

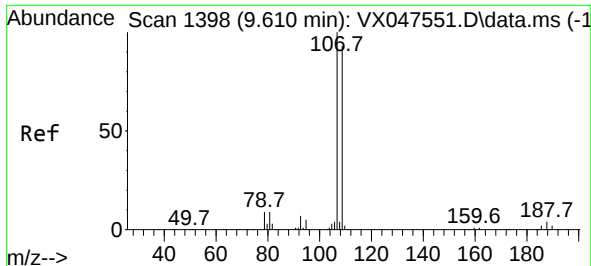
Tgt Ion: 43 Resp: 544270
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.0



#60
Dibromochloromethane
Concen: 47.286 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 129 Resp: 160045
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3

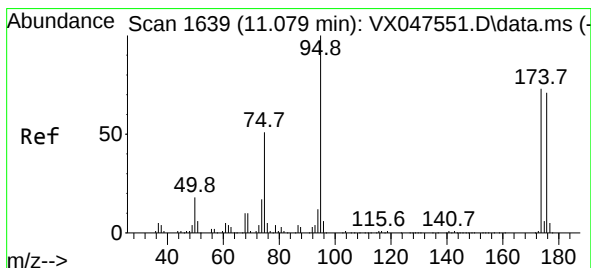
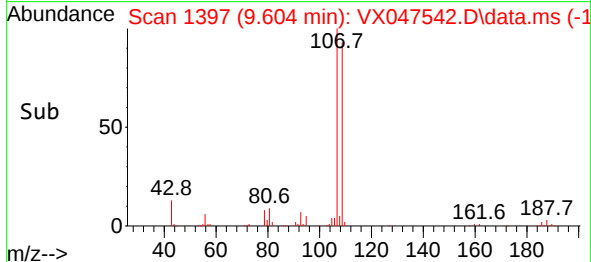
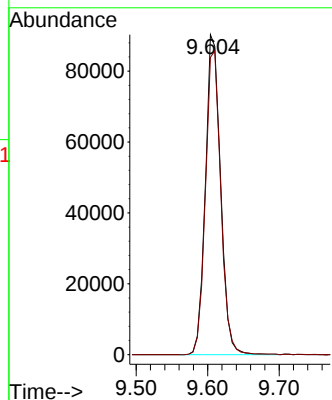
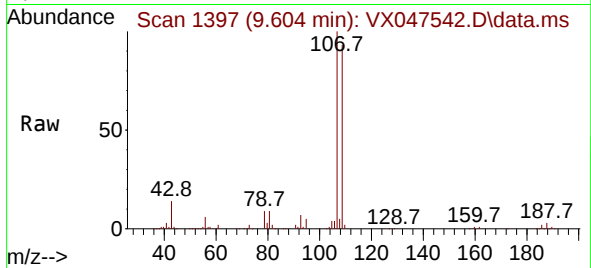




#61
1,2-Dibromoethane
Concen: 46.235 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

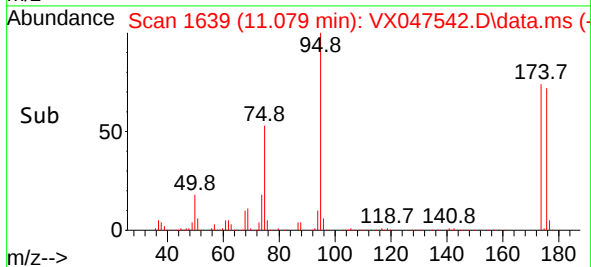
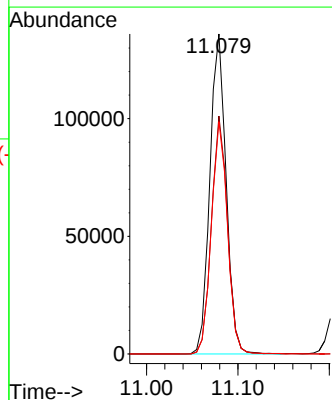
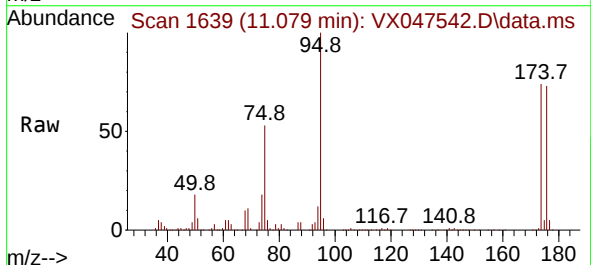
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

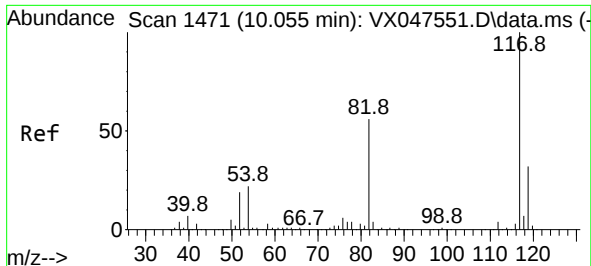
Tgt Ion:107 Resp: 133307
Ion Ratio Lower Upper
107 100
109 95.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 48.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 95 Resp: 167290
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.9 0.0 140.4

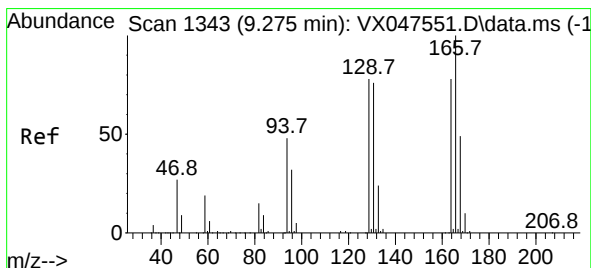
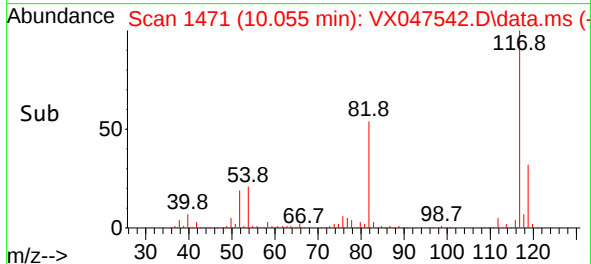
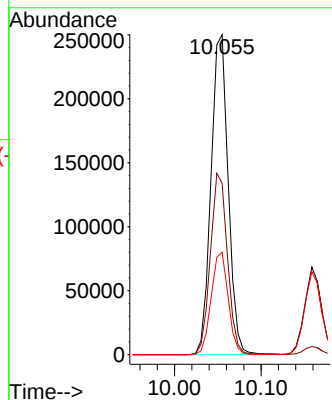
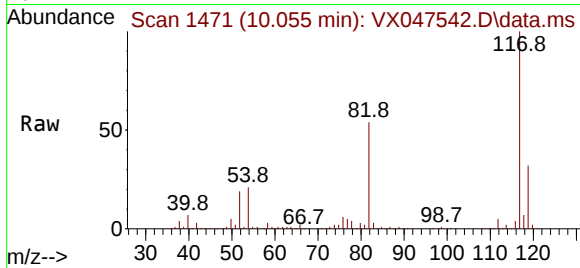




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

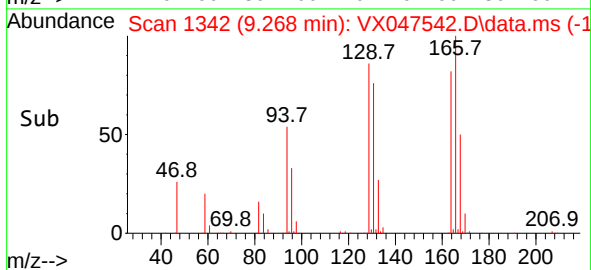
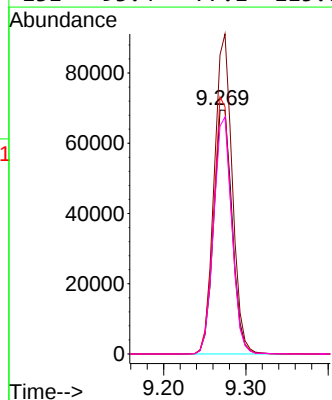
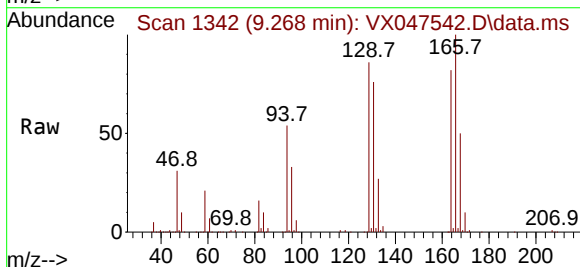
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

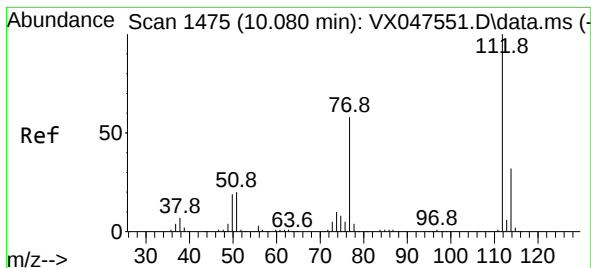
Tgt Ion:117 Resp: 344749
Ion Ratio Lower Upper
117 100
82 53.6 44.6 66.8
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 46.830 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:164 Resp: 108161
Ion Ratio Lower Upper
164 100
166 122.7 102.1 153.1
129 105.4 79.3 118.9
131 93.4 77.1 115.7

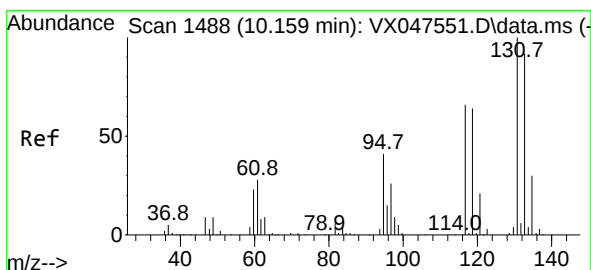
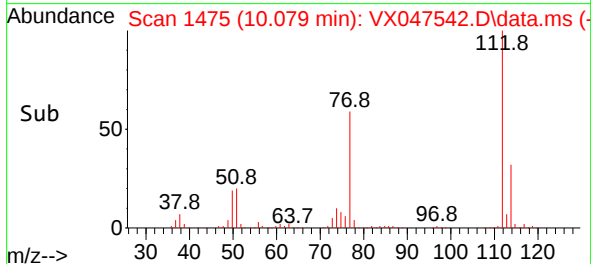
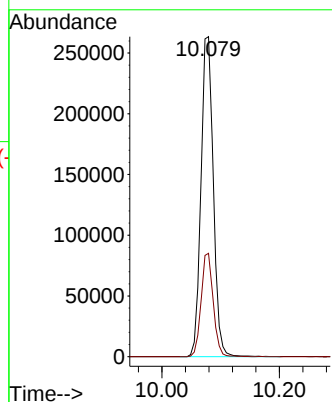
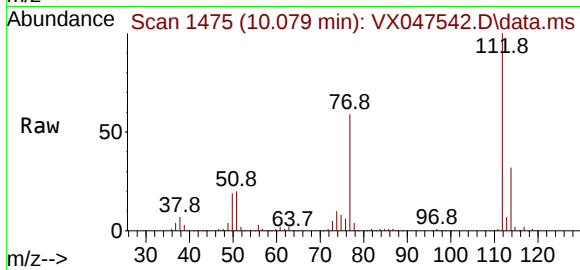




#65
Chlorobenzene
Concen: 47.676 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

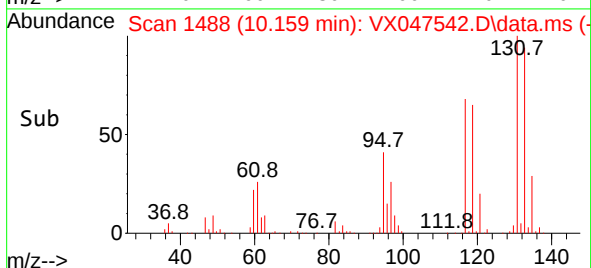
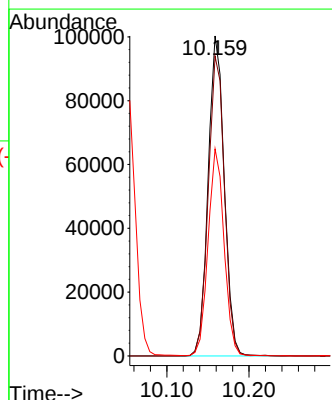
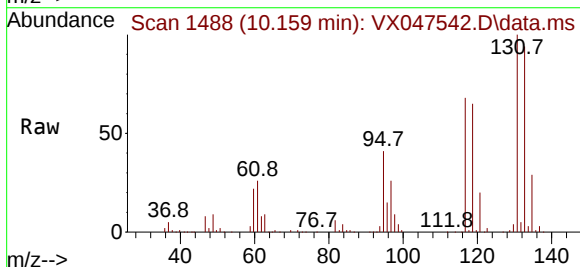
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

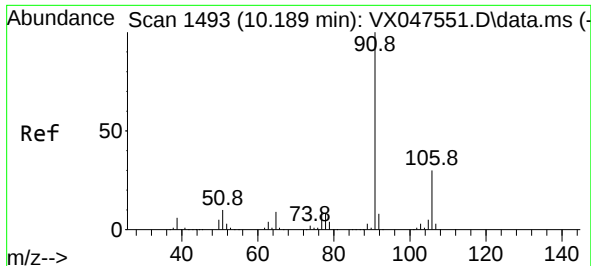
Tgt Ion:112 Resp: 384762
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.987 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:131 Resp: 136799
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 64.0 32.6 97.7





#67

Ethyl Benzene

Concen: 48.556 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

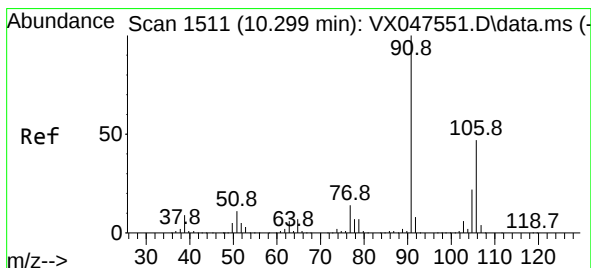
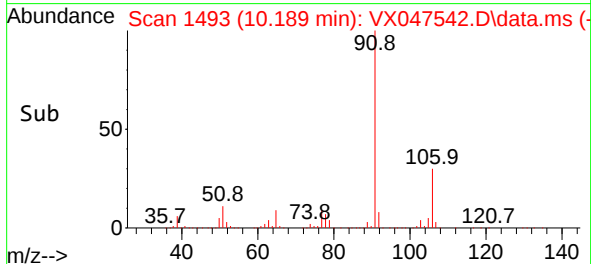
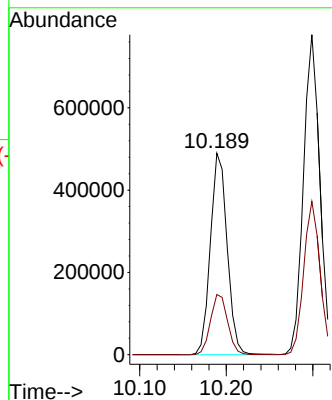
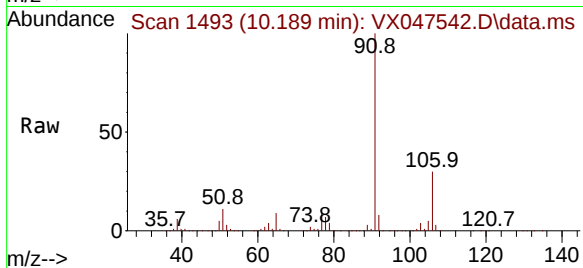
VSTDCCC050

Tgt Ion: 91 Resp: 658500

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 97.161 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047542.D

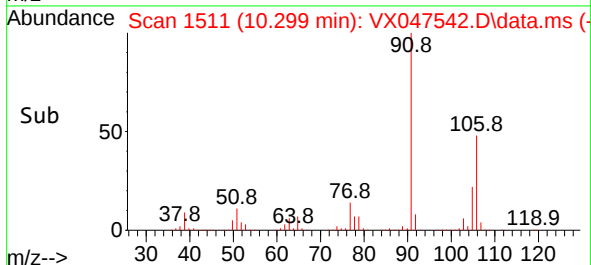
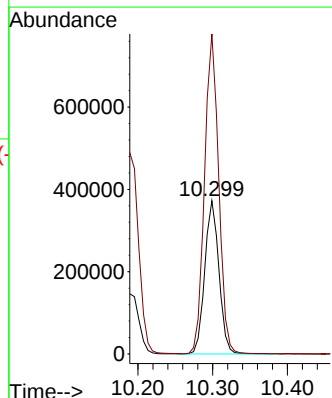
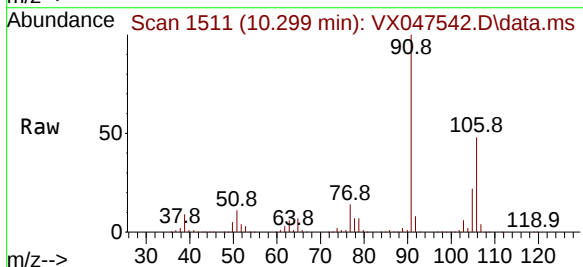
Acq: 28 Aug 2025 10:32

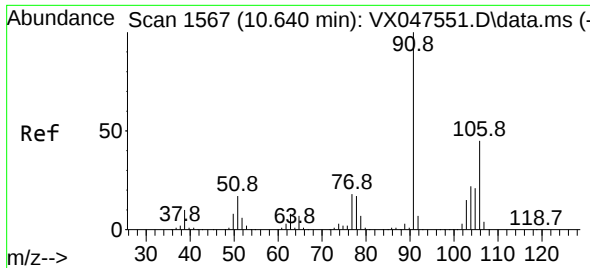
Tgt Ion: 106 Resp: 489405

Ion Ratio Lower Upper

106 100

91 209.1 166.1 249.1

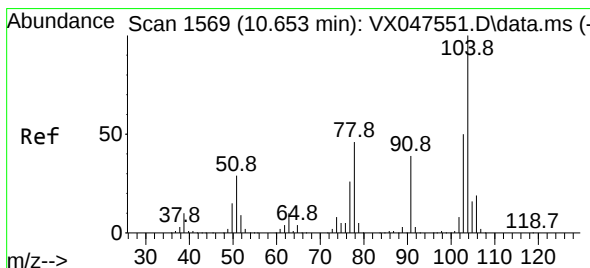
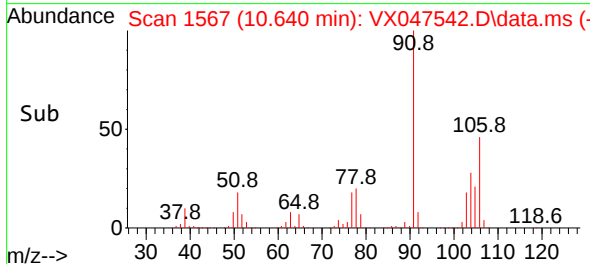
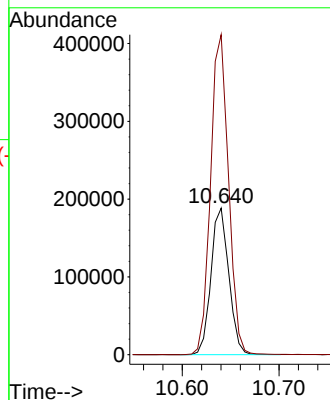
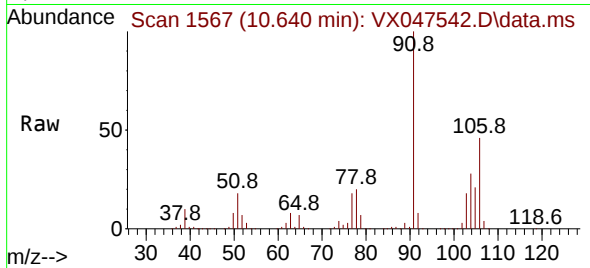




#69
o-Xylene
Concen: 49.885 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

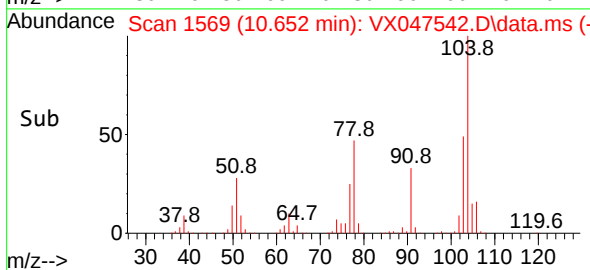
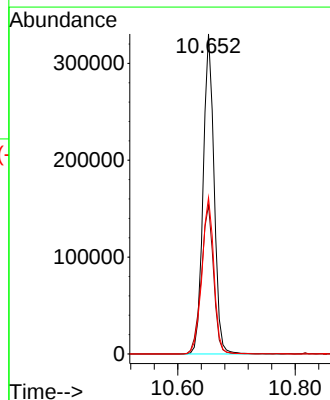
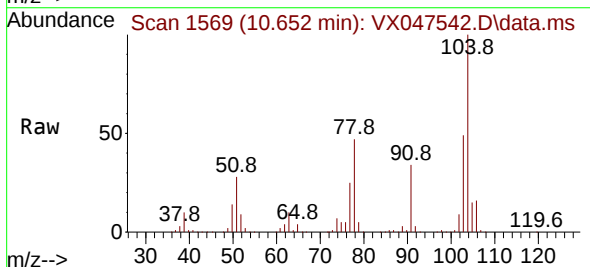
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

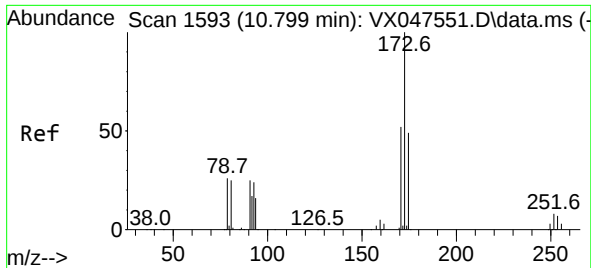
Tgt Ion:106 Resp: 242056
Ion Ratio Lower Upper
106 100
91 219.4 109.9 329.7



#70
Styrene
Concen: 50.714 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:104 Resp: 426983
Ion Ratio Lower Upper
104 100
78 52.1 41.6 62.4
103 53.8 43.0 64.4

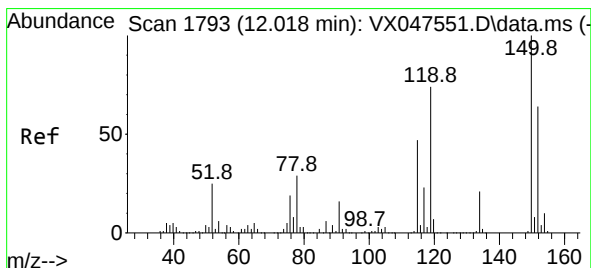
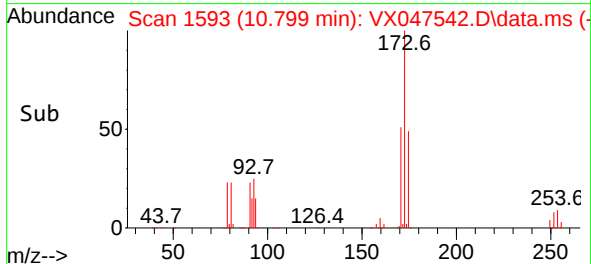
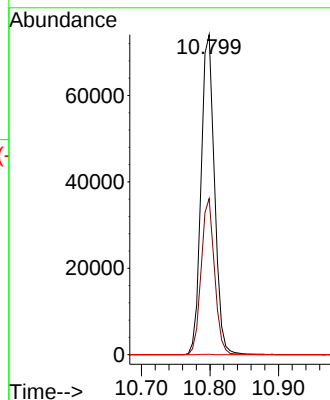
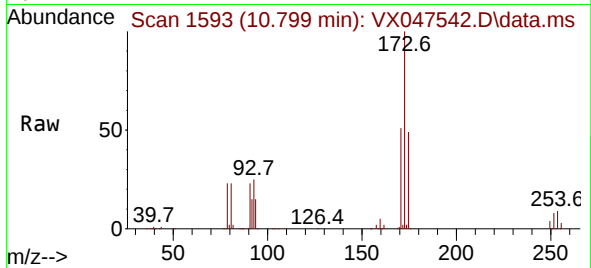




#71
Bromoform
Concen: 48.732 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

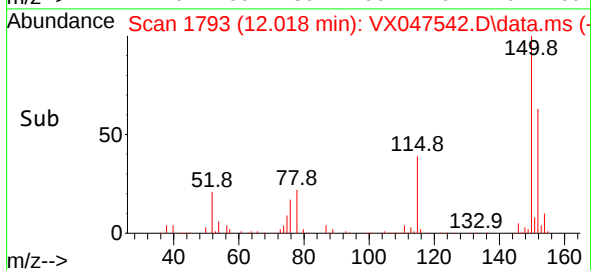
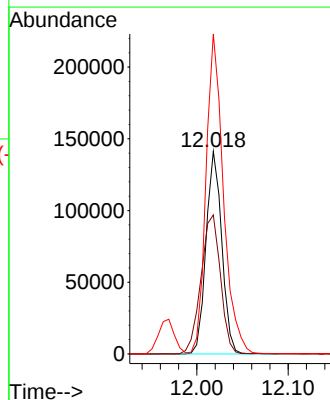
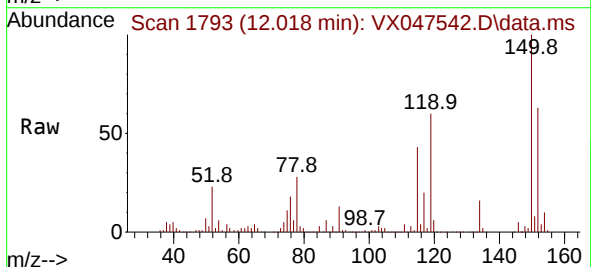
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

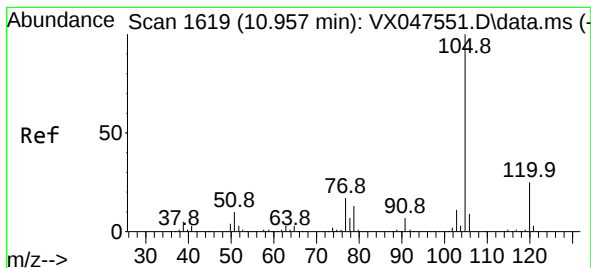
Tgt Ion:173 Resp: 101550
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion:152 Resp: 168882
Ion Ratio Lower Upper
152 100
115 85.3 42.9 128.5
150 174.5 0.0 351.0





#73

Isopropylbenzene

Concen: 50.108 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

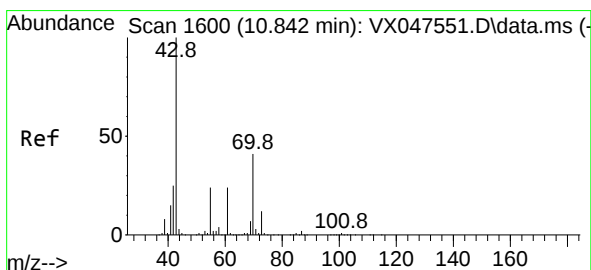
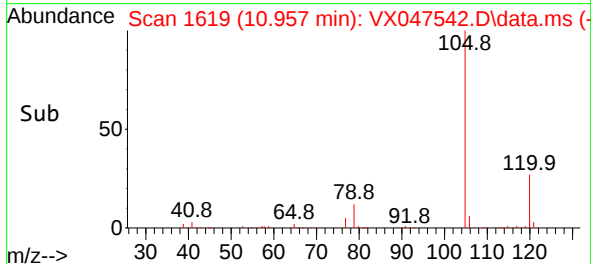
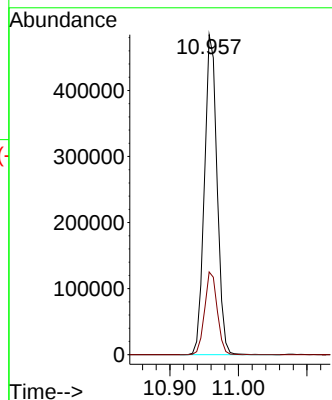
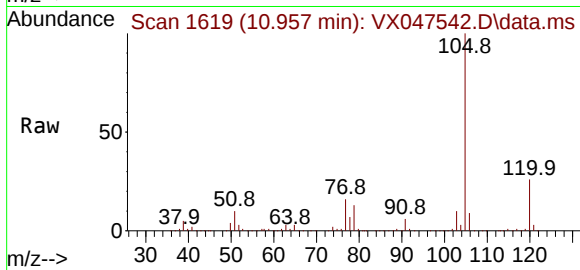
VSTDCCC050

Tgt Ion:105 Resp: 622696

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 47.221 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Tgt Ion: 43 Resp: 242331

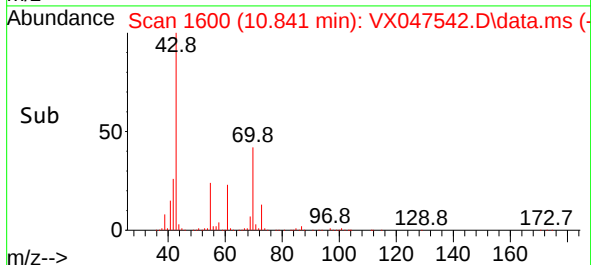
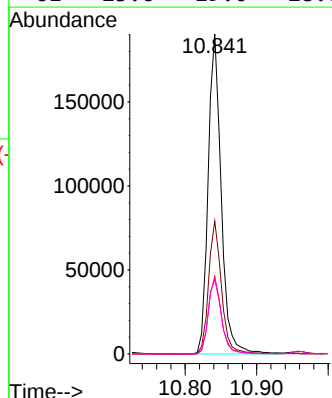
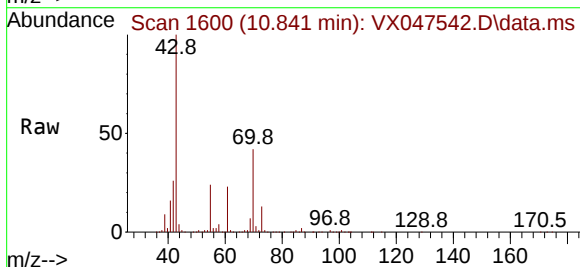
Ion Ratio Lower Upper

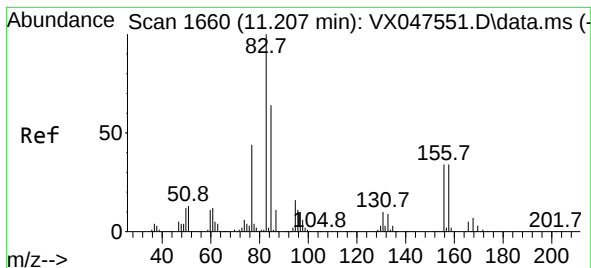
43 100

70 41.0 32.9 49.3

55 24.2 19.2 28.8

61 23.6 19.0 28.6

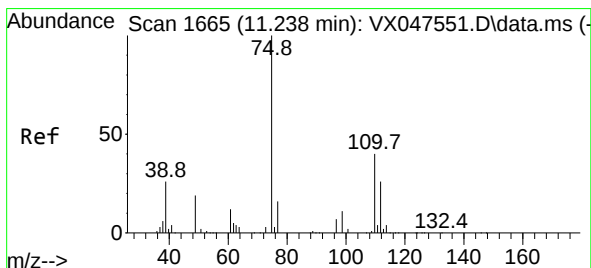
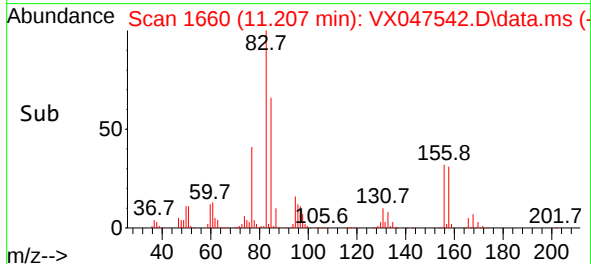
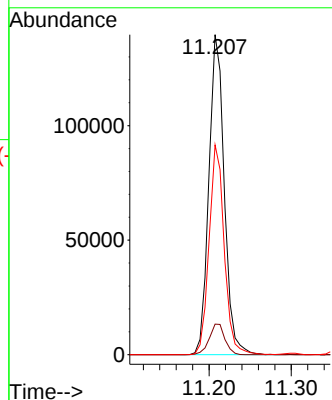
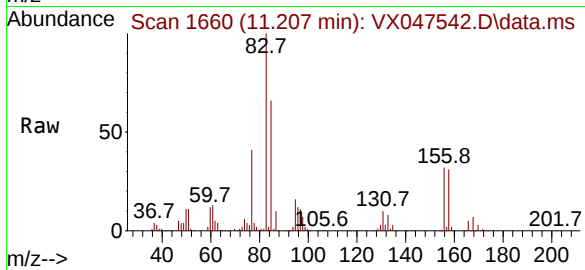




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.294 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

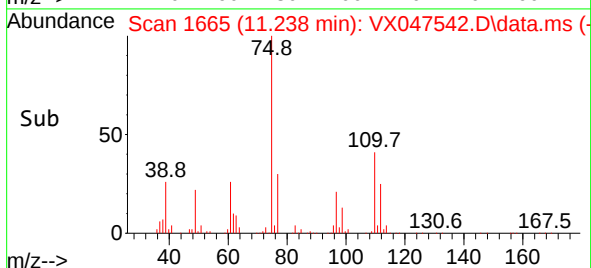
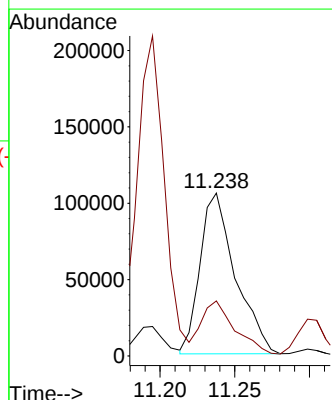
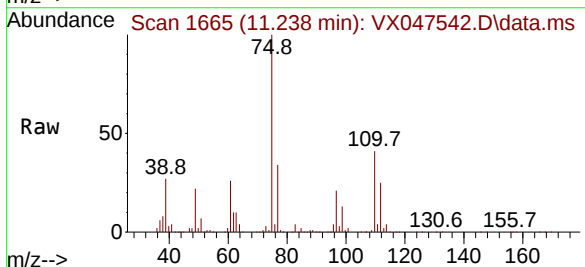
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

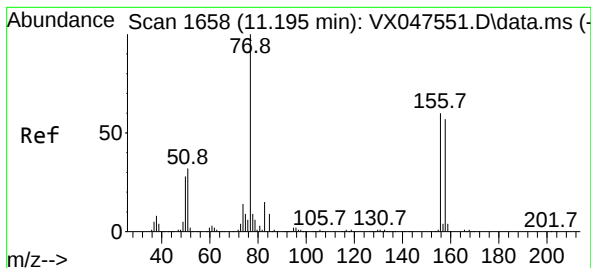
Tgt Ion: 83 Resp: 181857
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 64.4 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 57.524 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

Tgt Ion: 75 Resp: 173383
 Ion Ratio Lower Upper
 75 100
 77 33.4 19.7 59.1





#77

Bromobenzene

Concen: 49.128 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

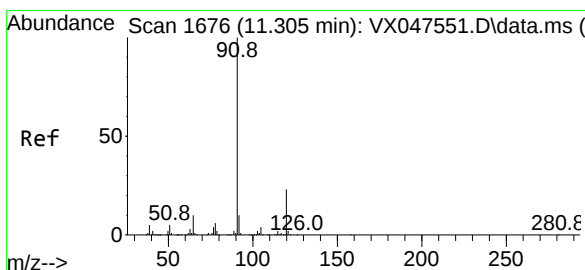
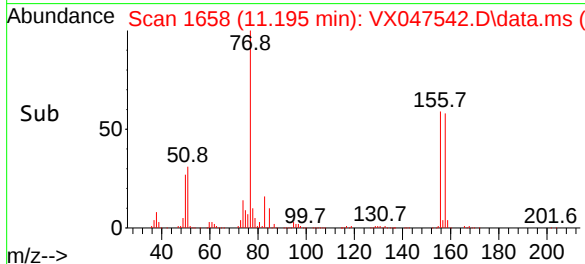
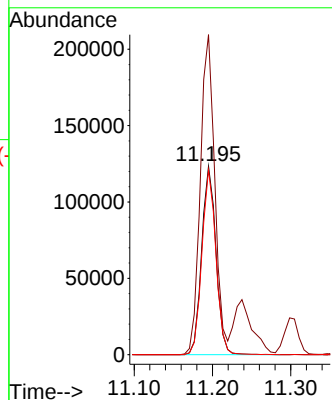
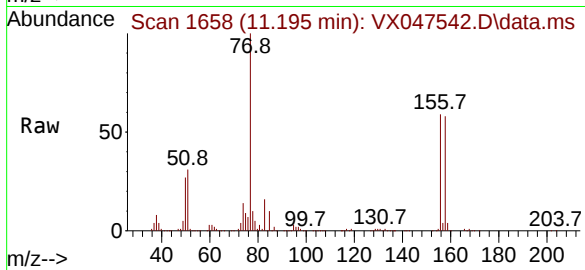
Tgt Ion:156 Resp: 156182

Ion Ratio Lower Upper

156 100

77 172.4 84.4 253.1

158 96.1 47.4 142.3



#78

n-propylbenzene

Concen: 49.956 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX047542.D

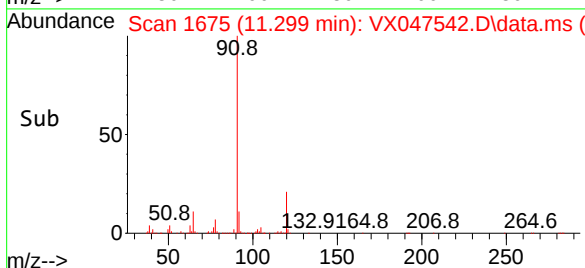
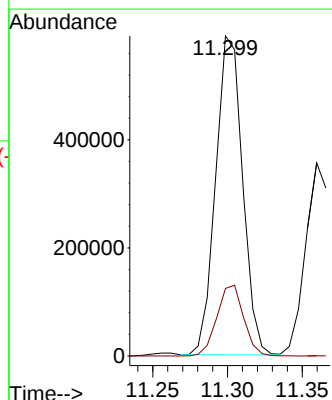
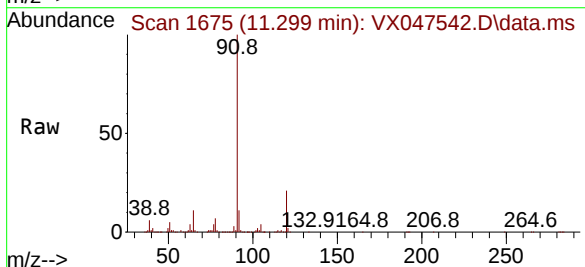
Acq: 28 Aug 2025 10:32

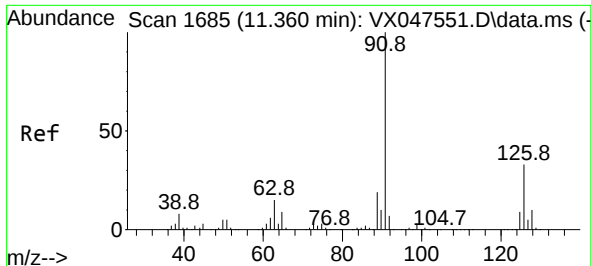
Tgt Ion: 91 Resp: 739128

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.6

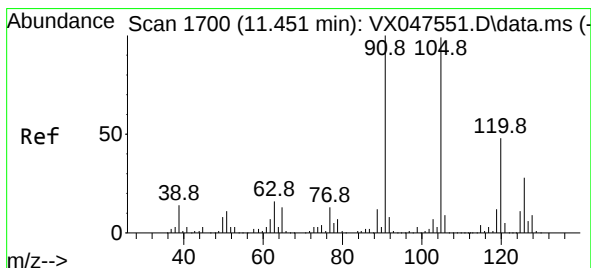
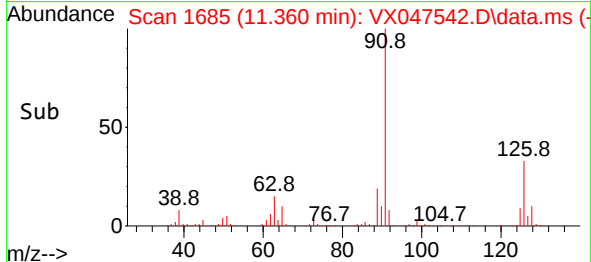
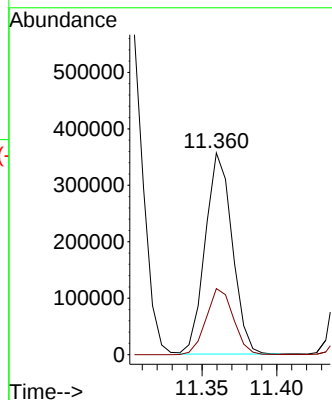
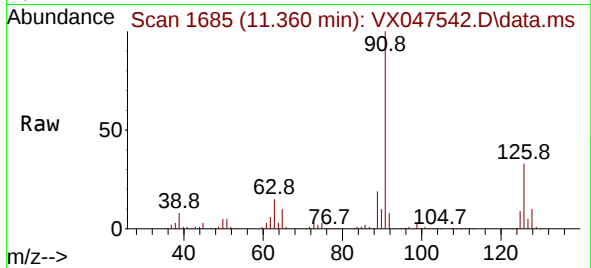




#79
2-Chlorotoluene
Concen: 48.823 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

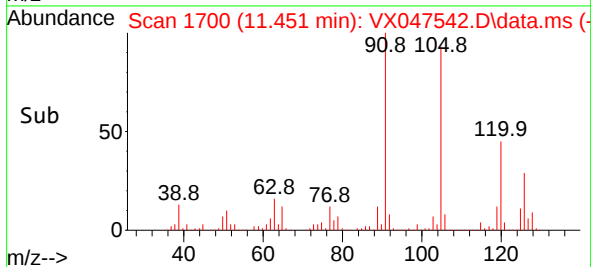
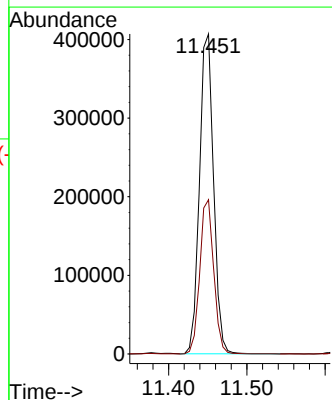
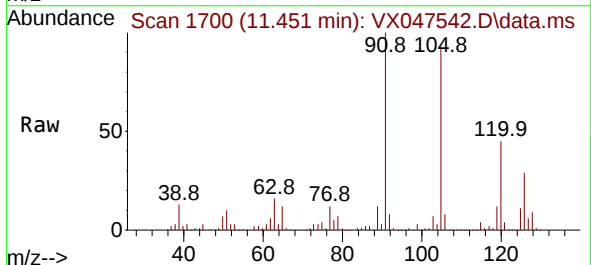
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

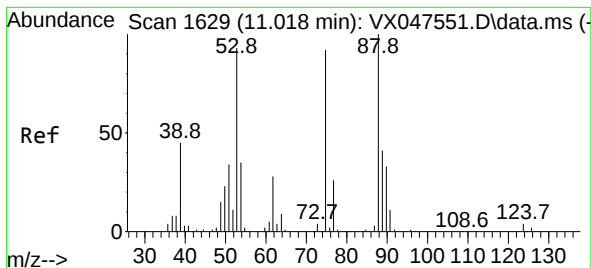
Tgt Ion: 91 Resp: 447979
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 50.127 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 105 Resp: 509331
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5

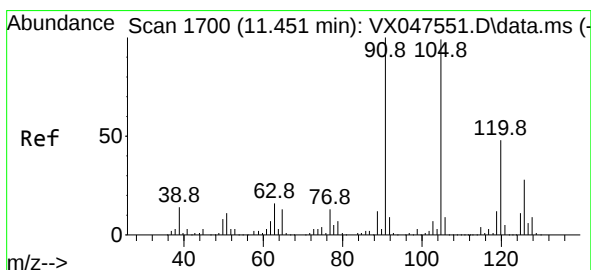
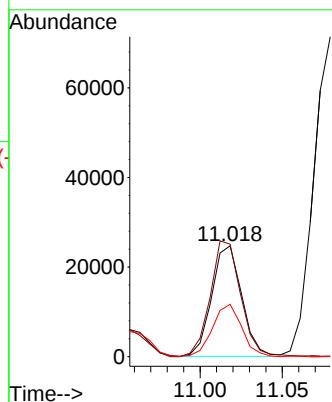
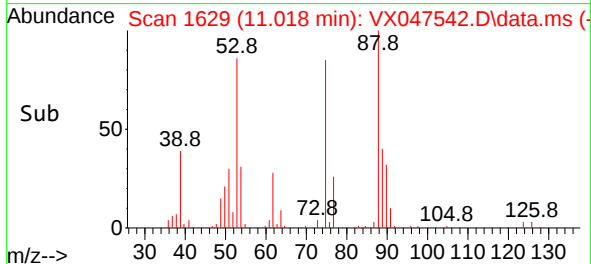
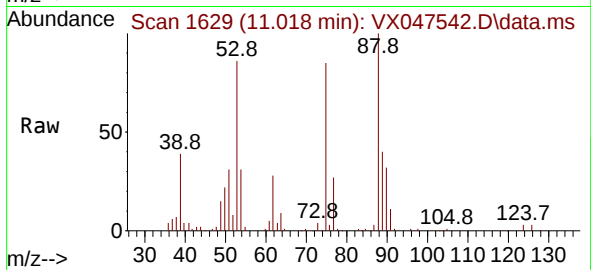




#81
trans-1,4-Dichloro-2-butene
Concen: 41.783 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

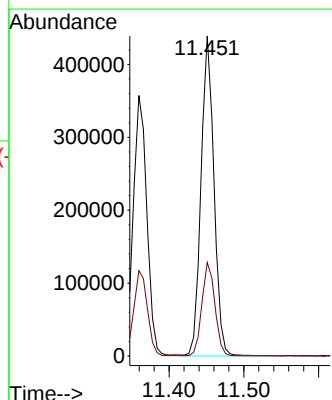
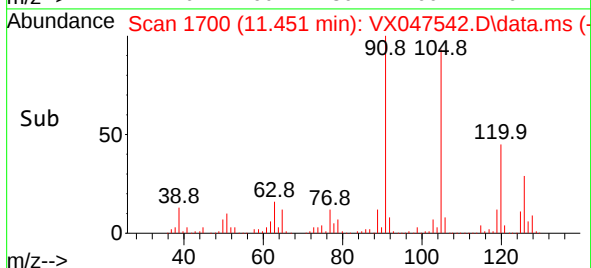
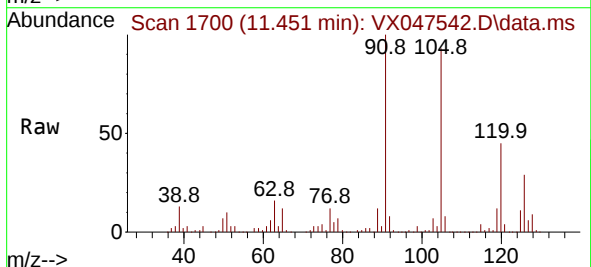
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

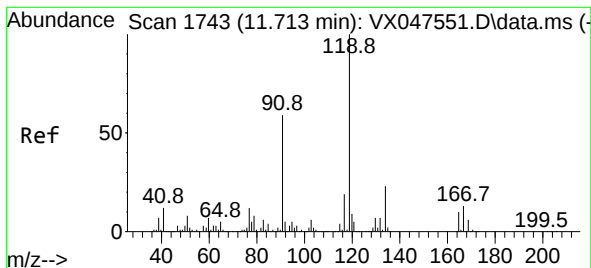
Tgt Ion: 75 Resp: 31339
Ion Ratio Lower Upper
75 100
53 107.0 85.7 128.5
89 46.3 36.4 54.6



#82
4-Chlorotoluene
Concen: 49.086 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 91 Resp: 528475
Ion Ratio Lower Upper
91 100
126 29.4 14.6 43.8





#83

tert-Butylbenzene

Concen: 50.501 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

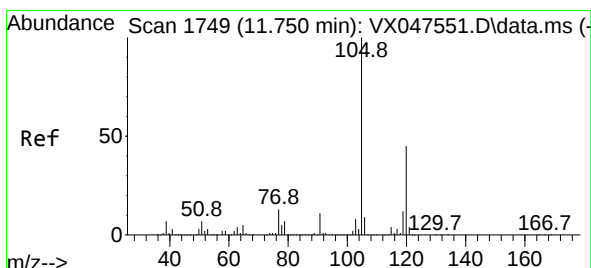
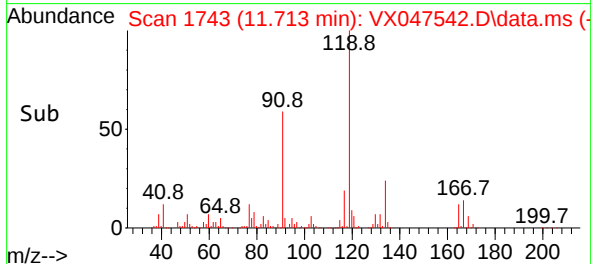
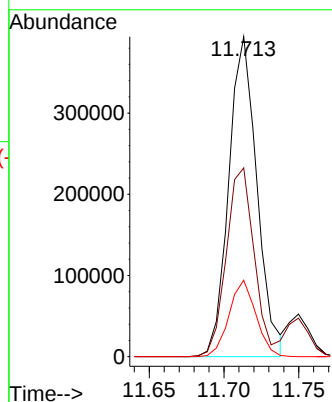
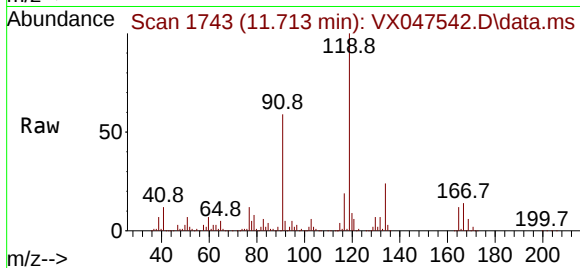
Tgt Ion:119 Resp: 517265

Ion Ratio Lower Upper

119 100

91 57.7 28.5 85.5

134 22.7 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 49.933 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047542.D

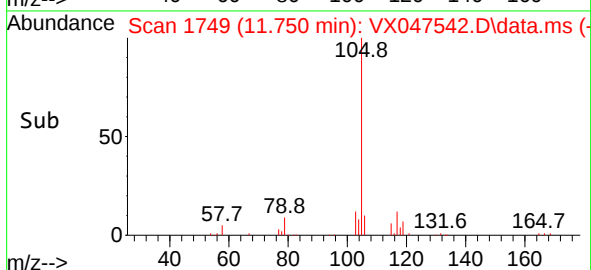
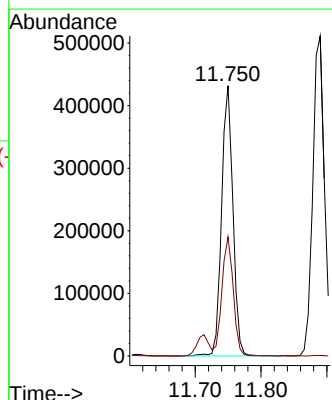
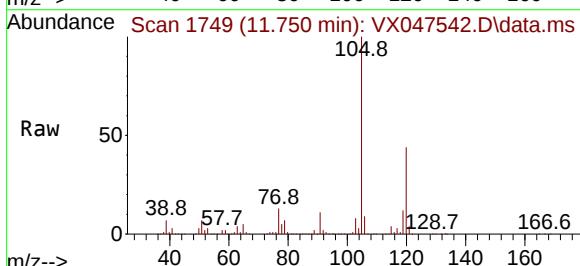
Acq: 28 Aug 2025 10:32

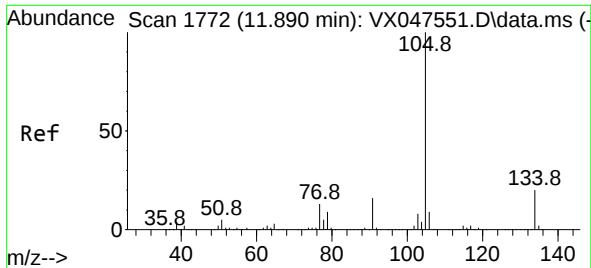
Tgt Ion:105 Resp: 517164

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.8

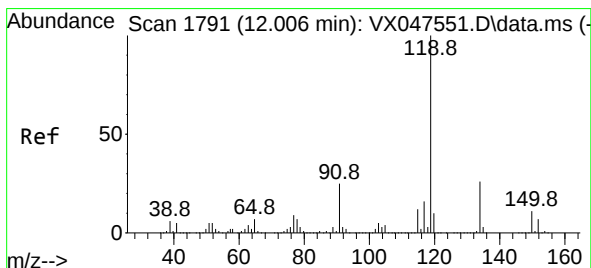
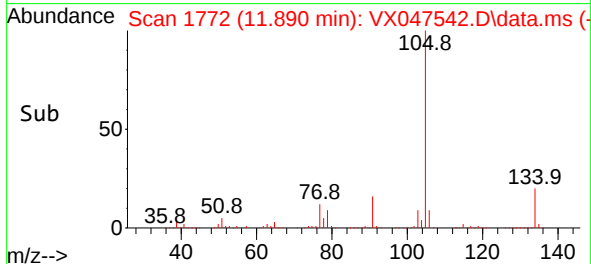
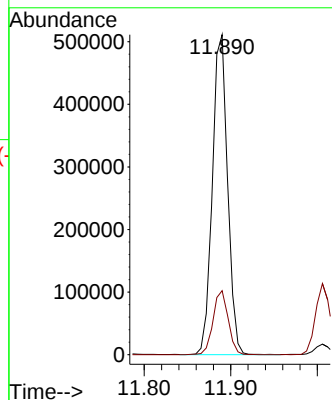
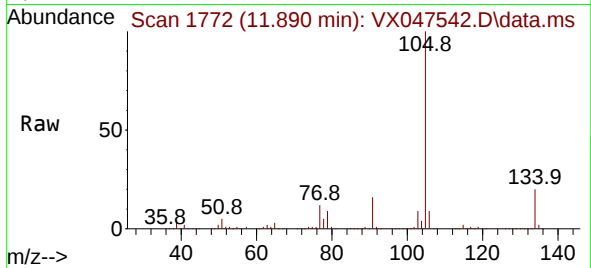




#85
 sec-Butylbenzene
 Concen: 50.669 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

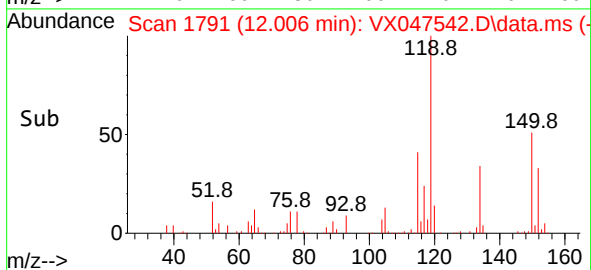
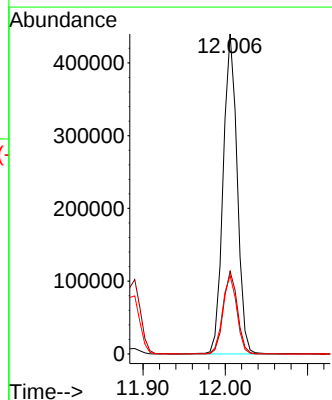
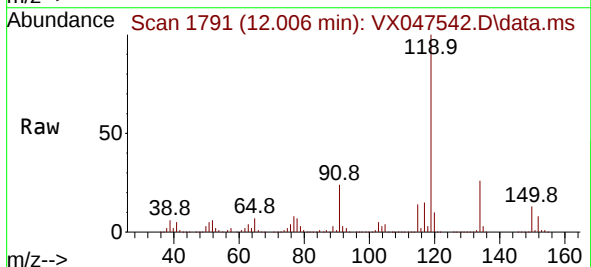
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

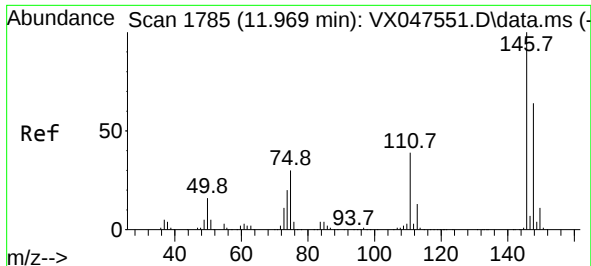
Tgt Ion:105 Resp: 624483
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.466 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047542.D
 Acq: 28 Aug 2025 10:32

Tgt Ion:119 Resp: 521374
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.475 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

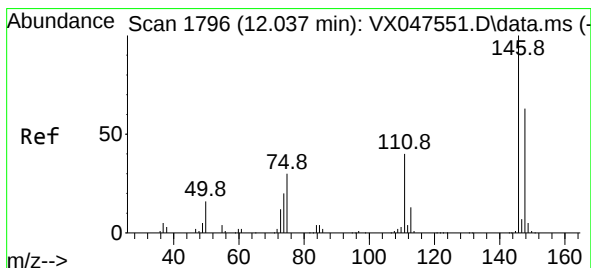
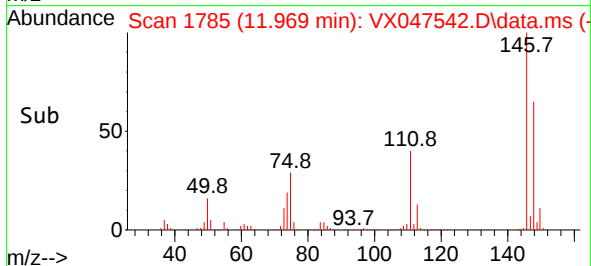
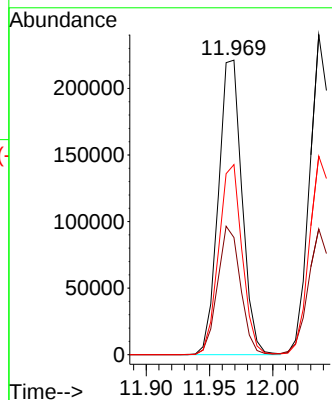
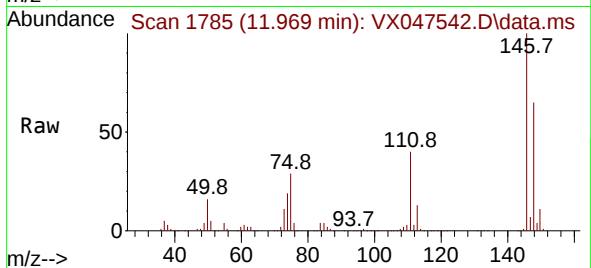
Tgt Ion:146 Resp: 287310

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.422 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

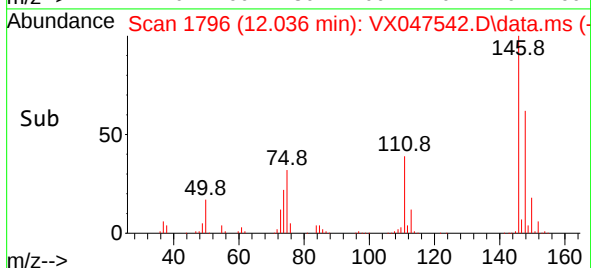
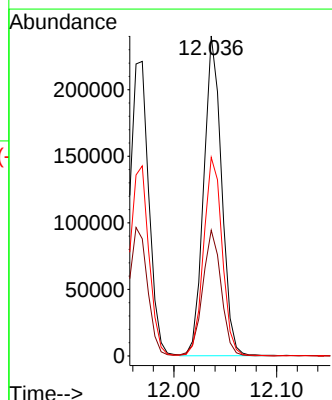
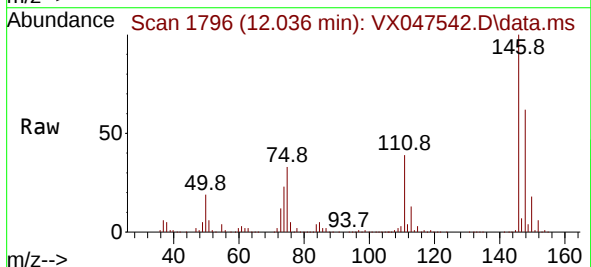
Tgt Ion:146 Resp: 290205

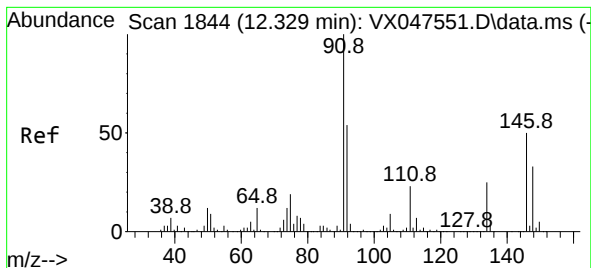
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 64.6 31.8 95.4

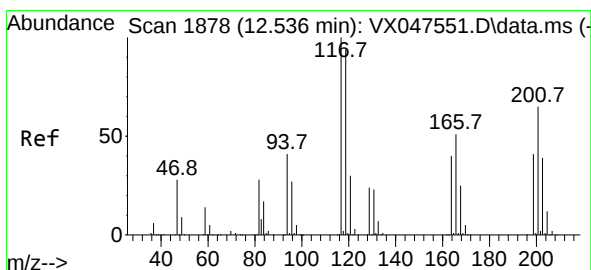
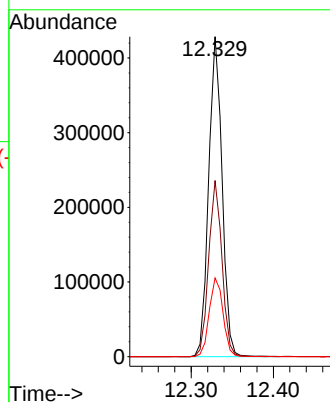
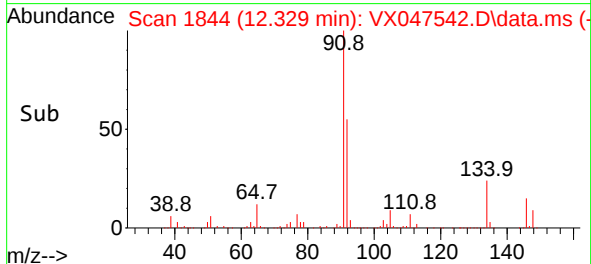
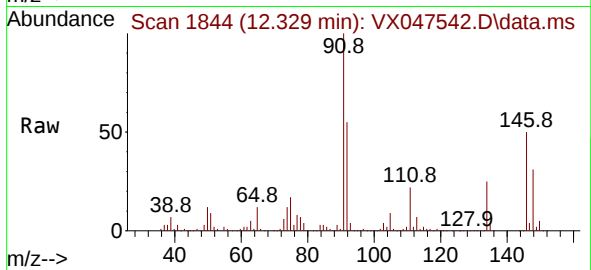




#89
n-Butylbenzene
Concen: 50.914 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

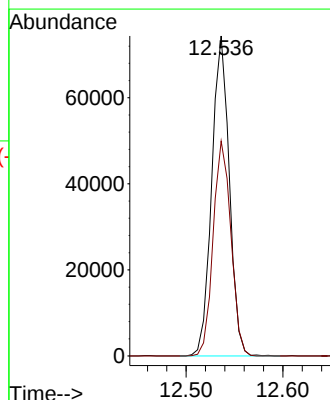
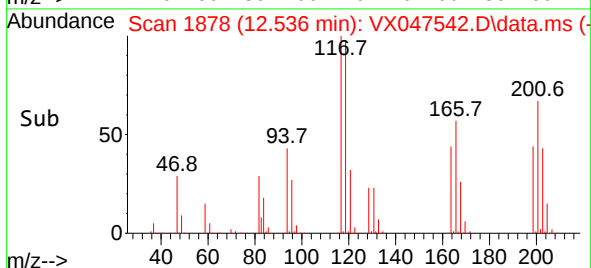
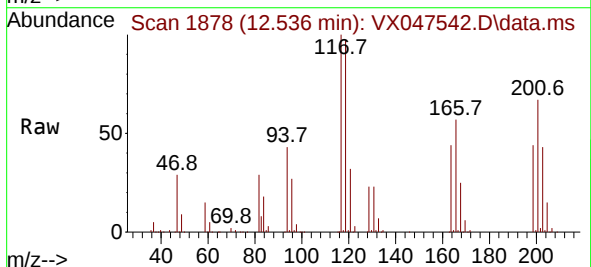
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

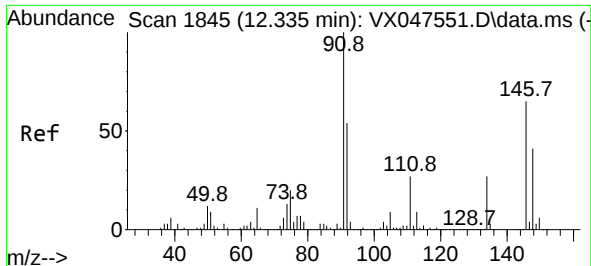
Tgt Ion: 91 Resp: 485476
Ion Ratio Lower Upper
91 100
92 54.6 27.0 81.0
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 49.372 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047542.D
Acq: 28 Aug 2025 10:32

Tgt Ion: 117 Resp: 93761
Ion Ratio Lower Upper
117 100
201 67.9 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 48.157 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

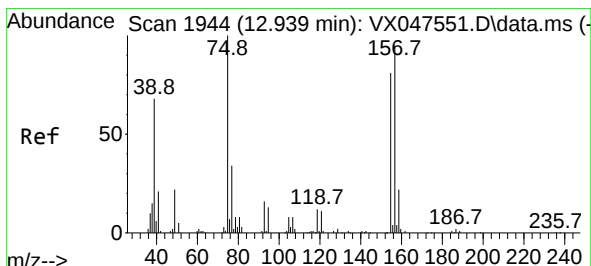
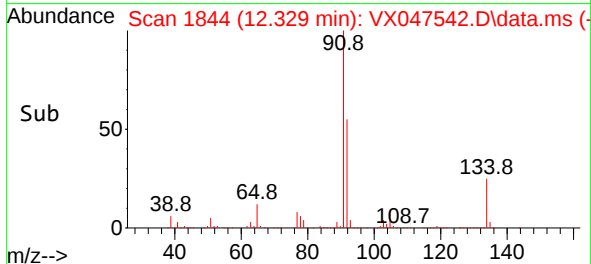
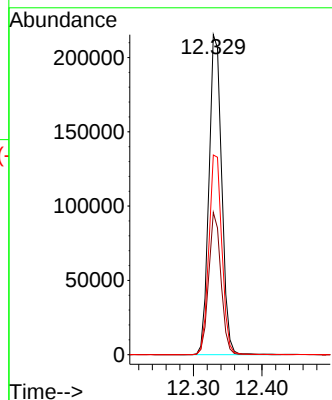
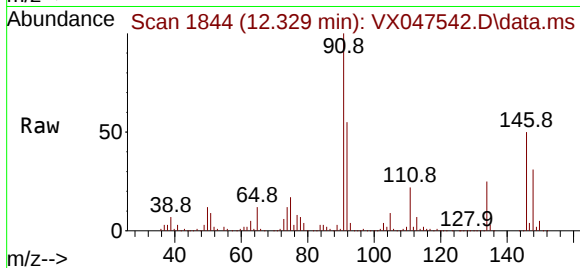
Tgt Ion:146 Resp: 279690

Ion Ratio Lower Upper

146 100

111 42.8 21.7 65.1

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.424 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

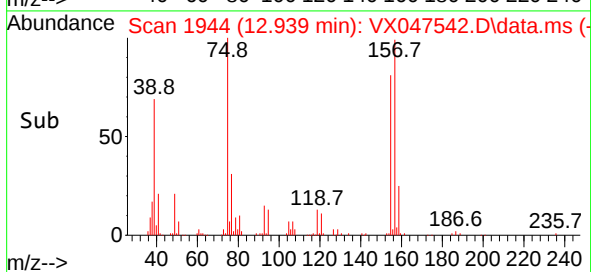
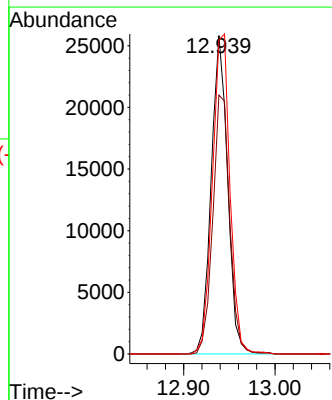
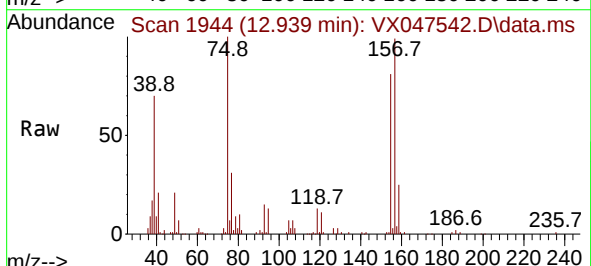
Tgt Ion: 75 Resp: 32190

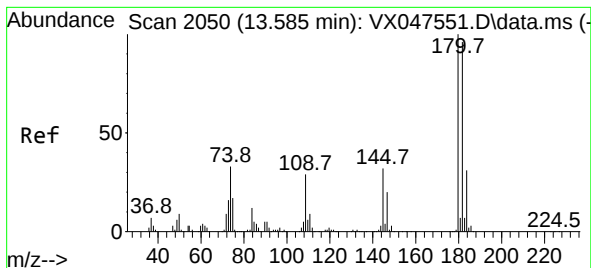
Ion Ratio Lower Upper

75 100

155 84.1 41.9 125.6

157 107.5 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 50.335 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

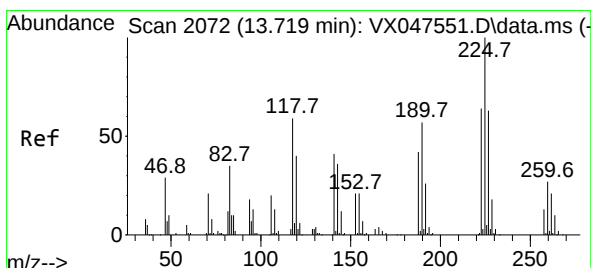
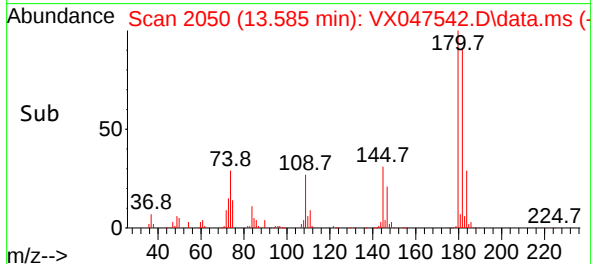
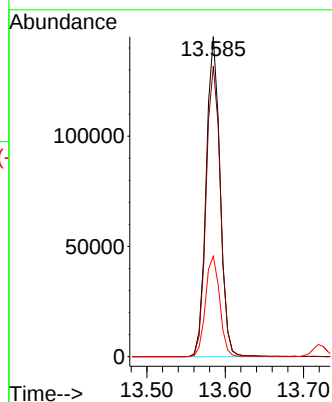
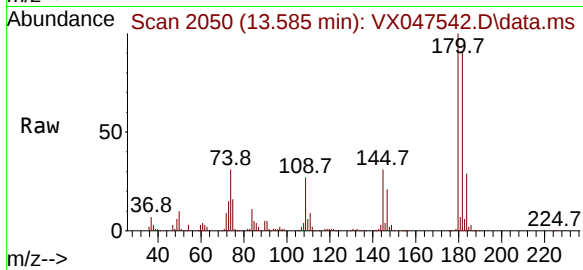
Tgt Ion:180 Resp: 178201

Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 32.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 50.581 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

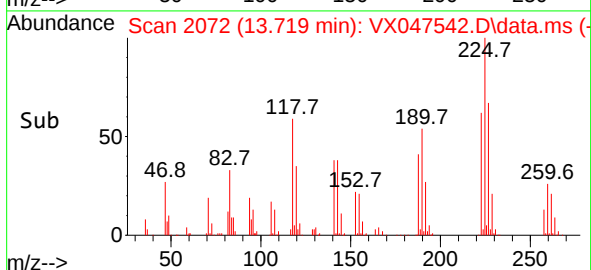
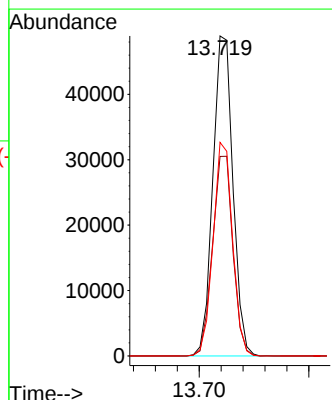
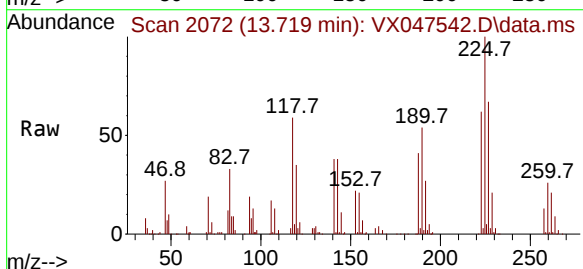
Tgt Ion:225 Resp: 62241

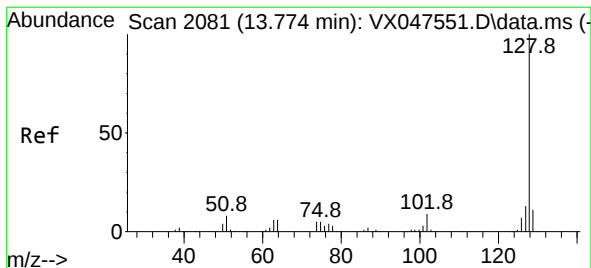
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.5

227 64.6 31.8 95.3





#95

Naphthalene

Concen: 48.133 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

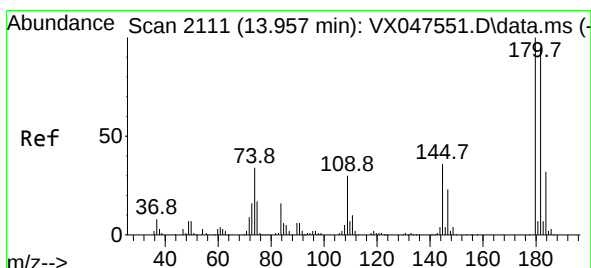
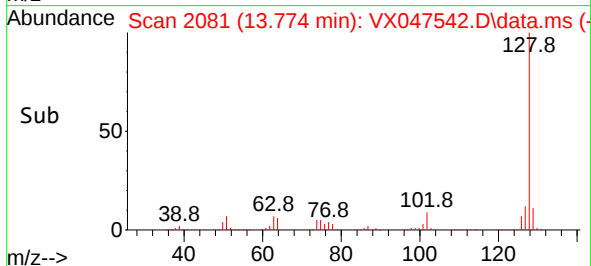
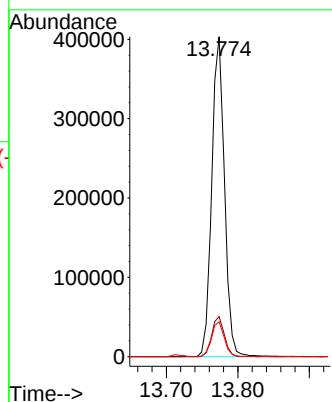
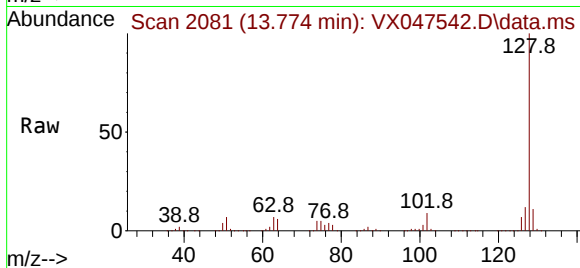
Tgt Ion:128 Resp: 498120

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.736 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047542.D

Acq: 28 Aug 2025 10:32

Tgt Ion:180 Resp: 162072

Ion Ratio Lower Upper

180 100

182 93.7 48.1 144.4

145 34.6 17.6 52.9

