

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047427.D
 Acq On : 20 Aug 2025 09:25
 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 21 01:24:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222102	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	369648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	338607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165825	53.348	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.700%	
35) Dibromofluoromethane	5.391	113	131333	54.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.480%	
50) Toluene-d8	8.647	98	454952	53.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	11.079	95	171750	54.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	137479	48.557	ug/l	99
3) Chloromethane	1.307	50	116471	45.729	ug/l	96
4) Vinyl Chloride	1.392	62	149112	46.643	ug/l	98
5) Bromomethane	1.624	94	62138	48.121	ug/l	96
6) Chloroethane	1.703	64	86133	44.036	ug/l	100
7) Trichlorofluoromethane	1.904	101	222951	47.149	ug/l	100
8) Diethyl Ether	2.148	74	81534	48.968	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	137505	50.129	ug/l	99
10) Methyl Iodide	2.465	142	175616	37.360	ug/l	99
11) Tert butyl alcohol	2.959	59	77273	285.760	ug/l	98
12) 1,1-Dichloroethene	2.337	96	130124	46.532	ug/l	97
13) Acrolein	2.246	56	166950	292.470	ug/l	100
14) Allyl chloride	2.678	41	233998	48.177	ug/l	97
15) Acrylonitrile	3.075	53	345699	264.563	ug/l	100
16) Acetone	2.386	43	339865	290.885	ug/l	98
17) Carbon Disulfide	2.526	76	362926	43.008	ug/l	99
18) Methyl Acetate	2.709	43	168367	55.608	ug/l	99
19) Methyl tert-butyl Ether	3.124	73	426473	50.130	ug/l	99
20) Methylene Chloride	2.800	84	145340	46.976	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	138016	46.500	ug/l	99
22) Diisopropyl ether	3.764	45	479860	49.981	ug/l #	82
23) Vinyl Acetate	3.727	43	2003620	254.613	ug/l	100
24) 1,1-Dichloroethane	3.617	63	257251	47.405	ug/l	99
25) 2-Butanone	4.562	43	432361	282.551	ug/l	99
26) 2,2-Dichloropropane	4.483	77	196523	47.981	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	162834	47.103	ug/l	99
28) Bromochloromethane	4.904	49	118739	52.582	ug/l	98
29) Tetrahydrofuran	5.013	42	258151	261.014	ug/l	98
30) Chloroform	5.099	83	263954	47.660	ug/l	100
31) Cyclohexane	5.483	56	232913	46.560	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	225596	47.325	ug/l	99
36) 1,1-Dichloropropene	5.696	75	179428	47.379	ug/l	99
37) Ethyl Acetate	4.721	43	198822	50.571	ug/l	99
38) Carbon Tetrachloride	5.684	117	196495	47.480	ug/l	97
39) Methylcyclohexane	7.385	83	227398	48.139	ug/l	95
40) Benzene	6.044	78	548553	48.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	81393	49.094	ug/l	94
42) 1,2-Dichloroethane	6.093	62	199161	49.602	ug/l	99
43) Isopropyl Acetate	6.342	43	290517	51.437	ug/l	100
44) Trichloroethene	7.129	130	136195	46.924	ug/l	99
45) 1,2-Dichloropropane	7.428	63	139581	49.152	ug/l	100
46) Dibromomethane	7.580	93	101467	49.216	ug/l	99
47) Bromodichloromethane	7.818	83	213085	49.856	ug/l	99
48) Methyl methacrylate	7.690	41	149931	51.141	ug/l	99
49) 1,4-Dioxane	7.684	88	36343	1275.197	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	871077	268.005	ug/l	99
52) Toluene	8.714	92	343297	49.011	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	195614	52.441	ug/l	100
54) cis-1,3-Dichloropropene	8.367	75	214406	50.782	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	133399	50.160	ug/l	98
56) Ethyl methacrylate	9.116	69	204493	52.154	ug/l	99
57) 1,3-Dichloropropane	9.305	76	229079	50.551	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	484861	258.666	ug/l	99
59) 2-Hexanone	9.427	43	608467	270.640	ug/l	100
60) Dibromochloromethane	9.519	129	158872	50.268	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136781	49.876	ug/l	99
64) Tetrachloroethene	9.269	164	113583	46.376	ug/l	96
65) Chlorobenzene	10.073	112	376977	46.849	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	129555	47.629	ug/l	100
67) Ethyl Benzene	10.189	91	656208	47.382	ug/l	99
68) m/p-Xylenes	10.299	106	499398	96.706	ug/l	100
69) o-Xylene	10.640	106	238178	47.927	ug/l	98
70) Styrene	10.653	104	412220	49.091	ug/l	100
71) Bromoform	10.799	173	102529	50.173	ug/l #	99
73) Isopropylbenzene	10.957	105	631147	48.683	ug/l	99
74) N-amyl acetate	10.842	43	252091	51.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	190203	49.970	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	186243	61.294	ug/l	89
77) Bromobenzene	11.195	156	151602	47.888	ug/l	99
78) n-propylbenzene	11.299	91	752772	48.618	ug/l	99
79) 2-Chlorotoluene	11.360	91	443648	47.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	516490	48.420	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32638	47.211	ug/l	99
82) 4-Chlorotoluene	11.451	91	524154	47.507	ug/l	100
83) tert-Butylbenzene	11.713	119	525854	49.413	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	521624	48.900	ug/l	99
85) sec-Butylbenzene	11.890	105	656494	49.771	ug/l	100
86) p-Isopropyltoluene	12.006	119	548635	49.153	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	285444	47.198	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	288167	46.327	ug/l	100
89) n-Butylbenzene	12.329	91	520953	50.180	ug/l	100
90) Hexachloroethane	12.536	117	96627	49.346	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	272826	47.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37072	50.361	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	185776	48.275	ug/l	98
94) Hexachlorobutadiene	13.719	225	70719	51.627	ug/l	98
95) Naphthalene	13.774	128	565526	51.423	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	176412	48.632	ug/l	100

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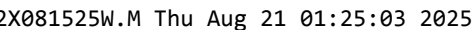
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

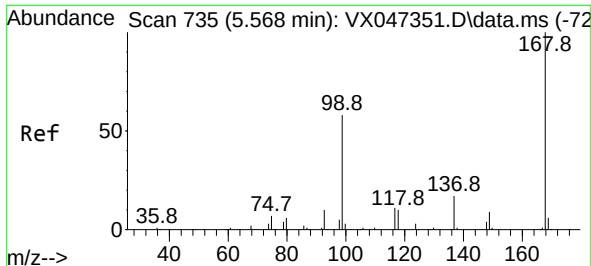
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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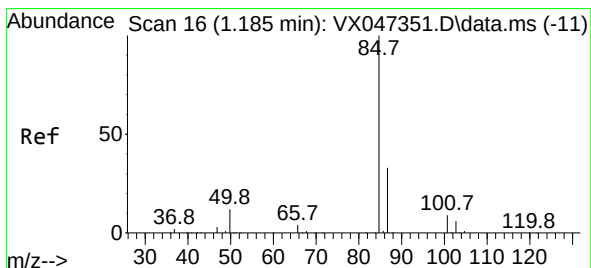
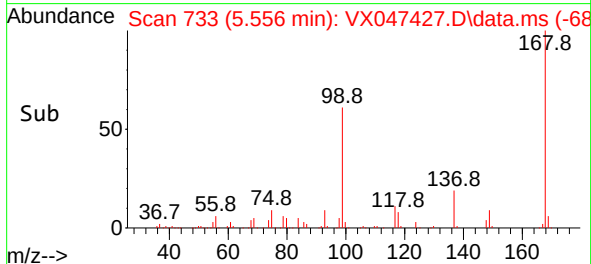
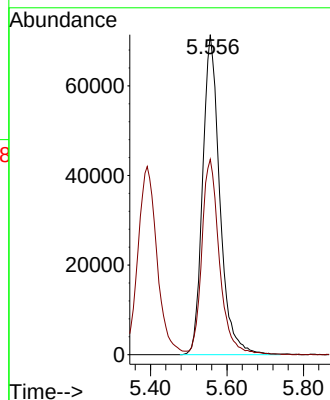
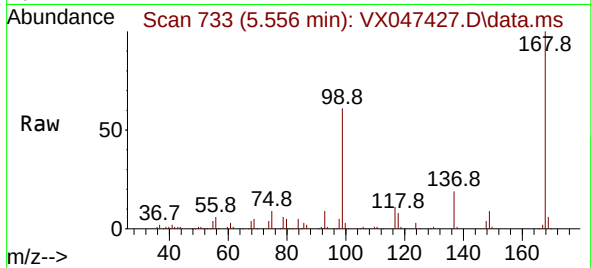




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
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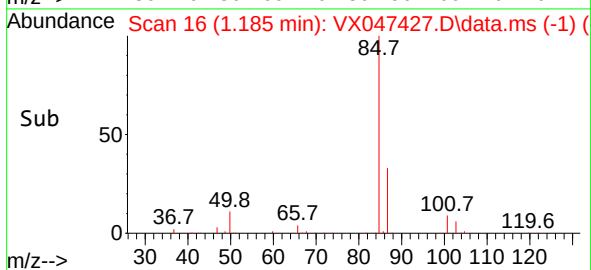
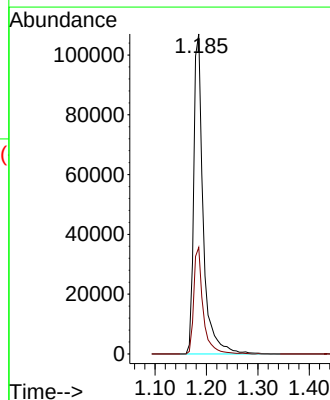
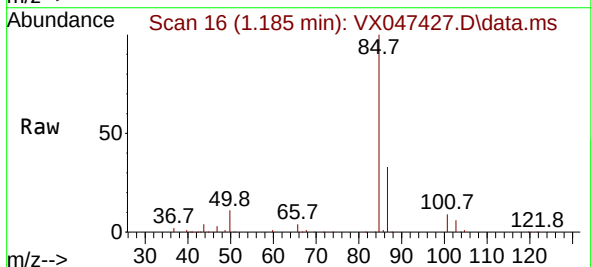
Instrument :
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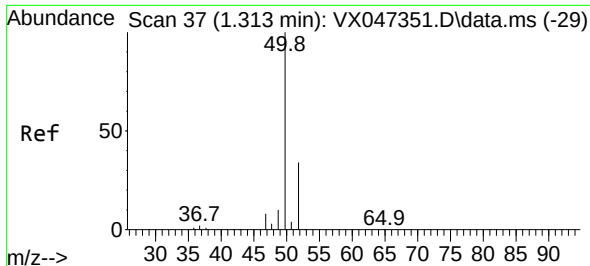
Tgt Ion:168 Resp: 222102
Ion Ratio Lower Upper
168 100
99 60.9 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 48.557 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 85 Resp: 137479
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

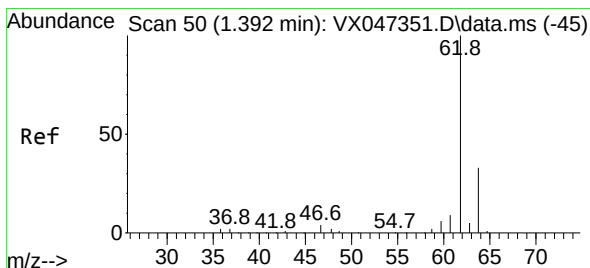
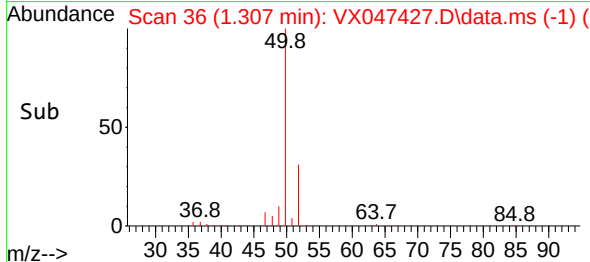
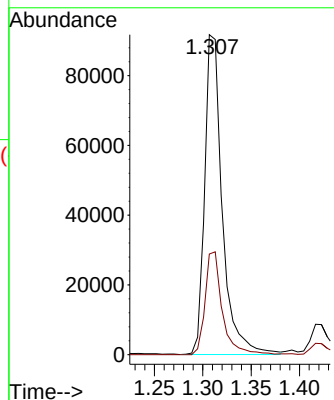
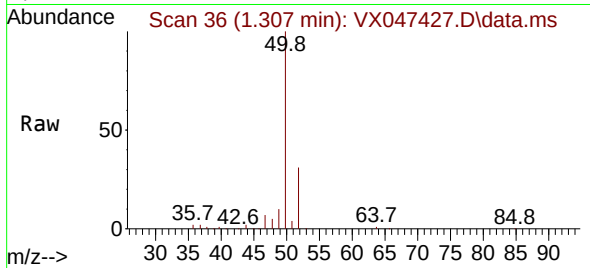




#3
Chloromethane
Concen: 45.729 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

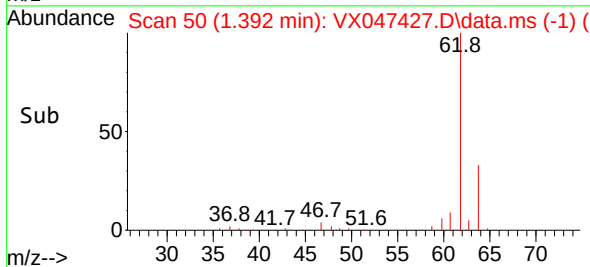
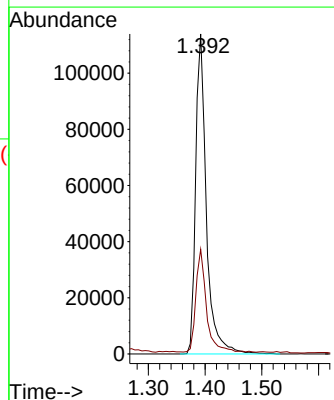
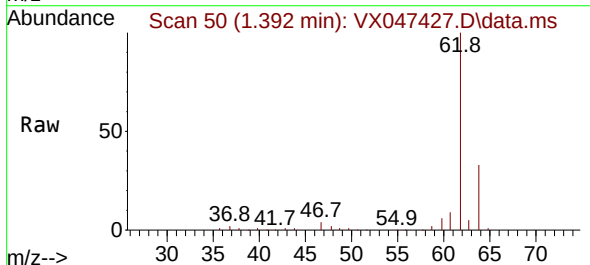
Instrument :
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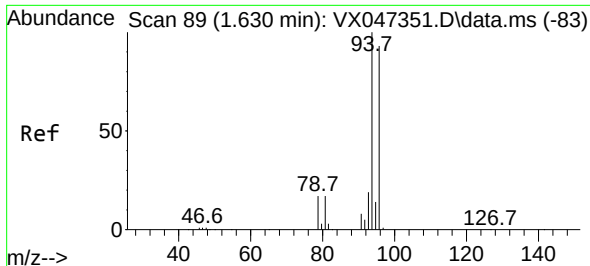
Tgt Ion: 50 Resp: 116471
Ion Ratio Lower Upper
50 100
52 31.5 27.0 40.4



#4
Vinyl Chloride
Concen: 46.643 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 62 Resp: 149112
Ion Ratio Lower Upper
62 100
64 32.2 26.5 39.7

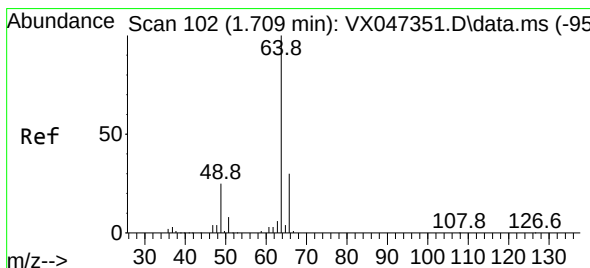
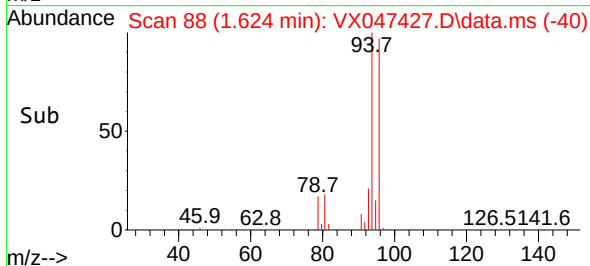
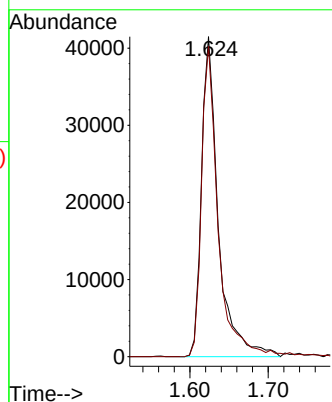
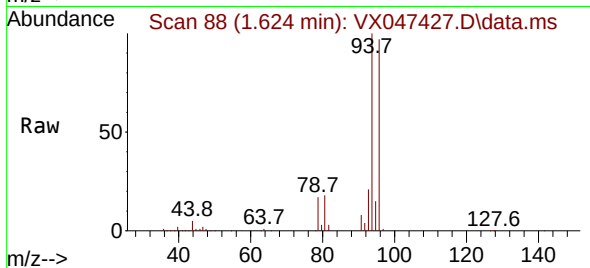




#5
Bromomethane
Concen: 48.121 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

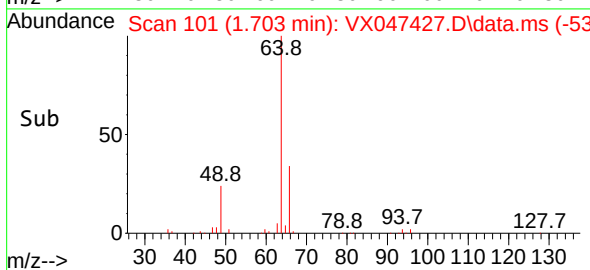
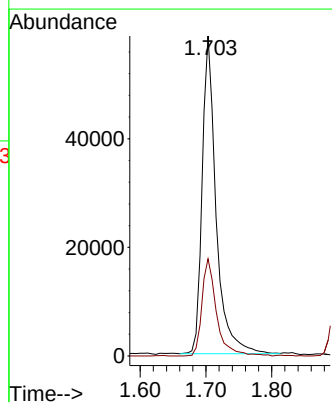
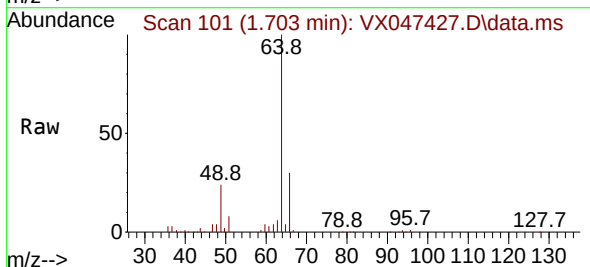
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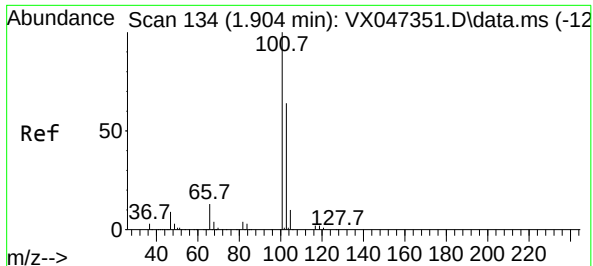
Tgt Ion: 94 Resp: 62138
Ion Ratio Lower Upper
94 100
96 97.1 74.7 112.1



#6
Chloroethane
Concen: 44.036 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 64 Resp: 86133
Ion Ratio Lower Upper
64 100
66 30.6 24.4 36.6

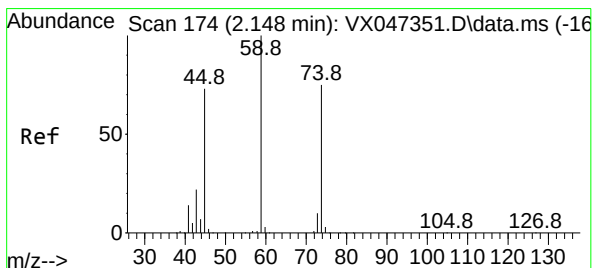
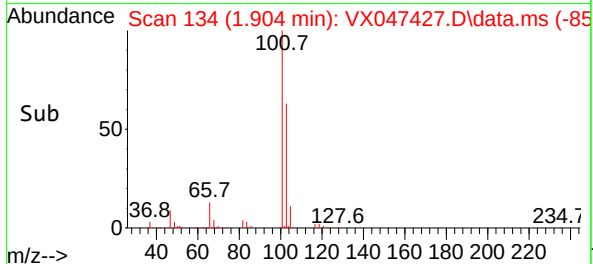
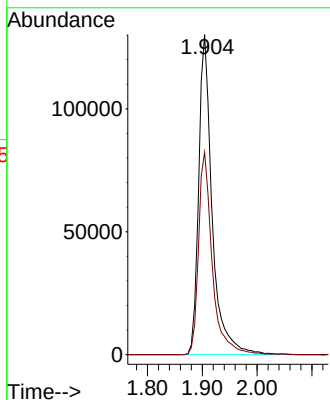
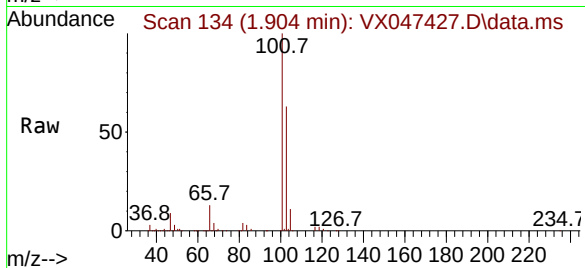




#7
 Trichlorofluoromethane
 Concen: 47.149 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

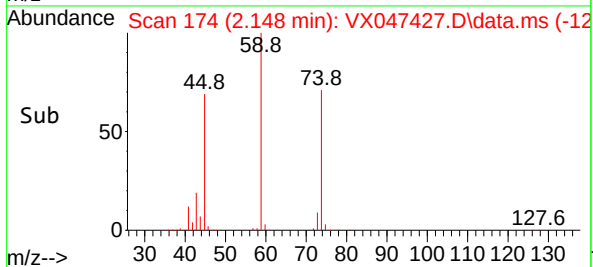
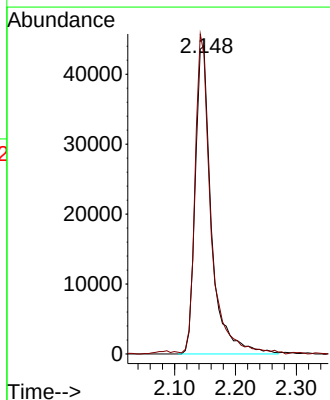
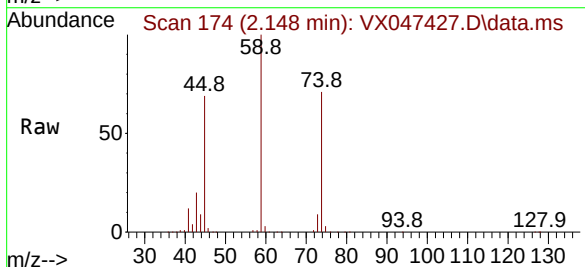
Instrument :
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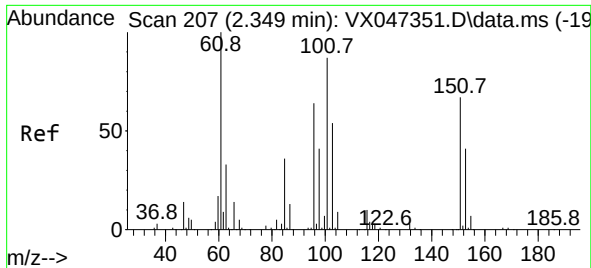
Tgt Ion:101 Resp: 222951
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.9 76.3



#8
 Diethyl Ether
 Concen: 48.968 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

Tgt Ion: 74 Resp: 81534
 Ion Ratio Lower Upper
 74 100
 45 101.0 51.3 154.0

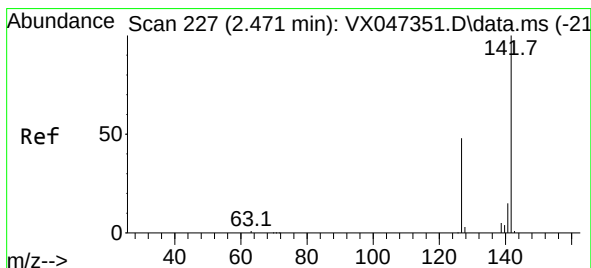
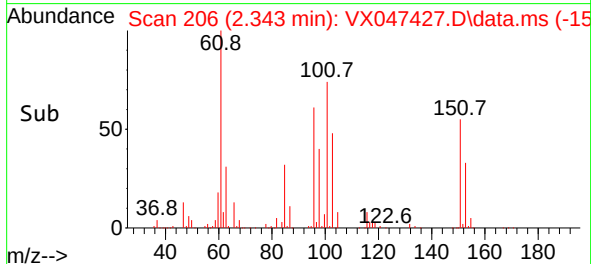
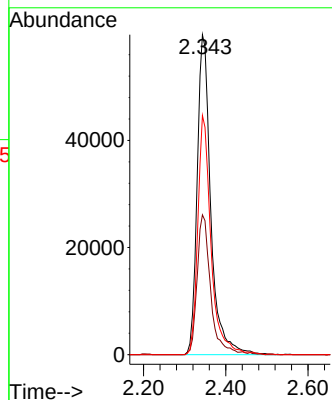
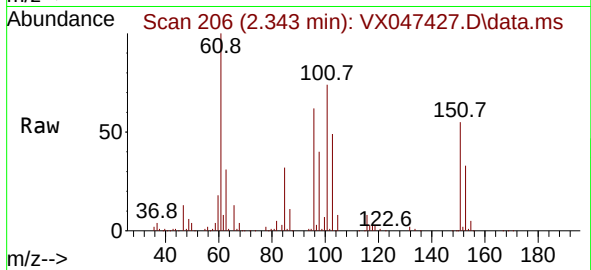




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.129 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

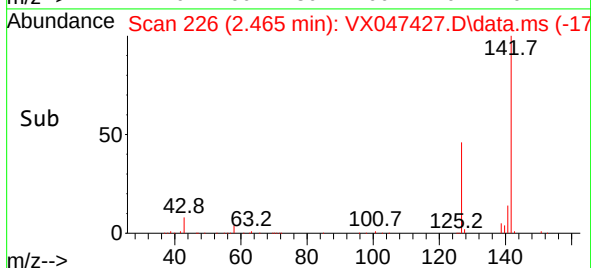
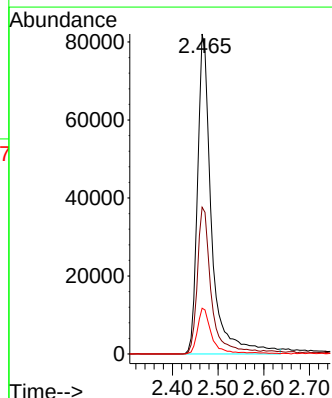
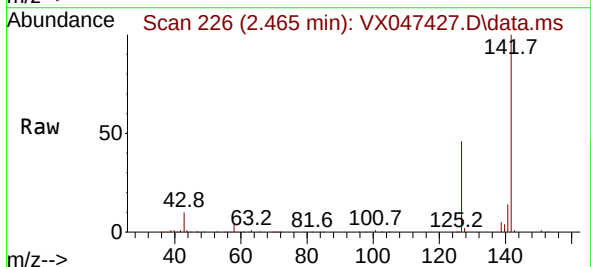
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

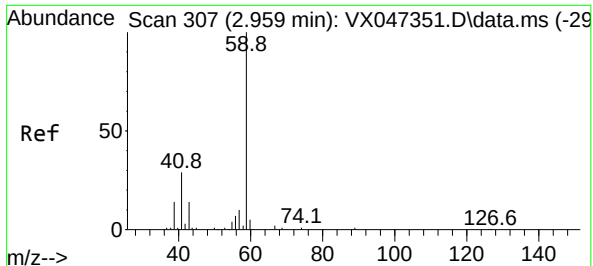
Tgt Ion:101 Resp: 137505
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 72.7 59.2 88.8



#10
Methyl Iodide
Concen: 37.360 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion:142 Resp: 175616
Ion Ratio Lower Upper
142 100
127 45.6 36.1 54.1
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 285.760 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

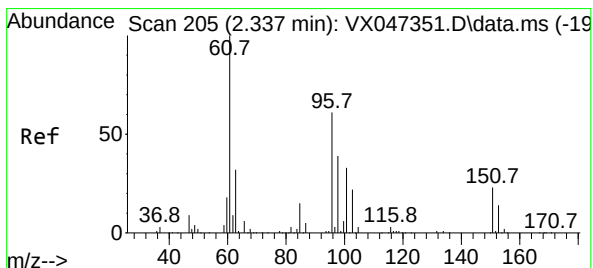
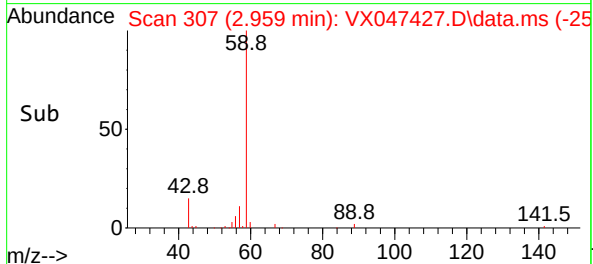
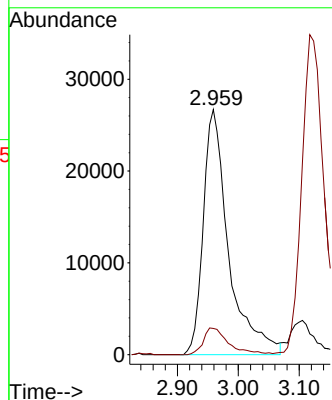
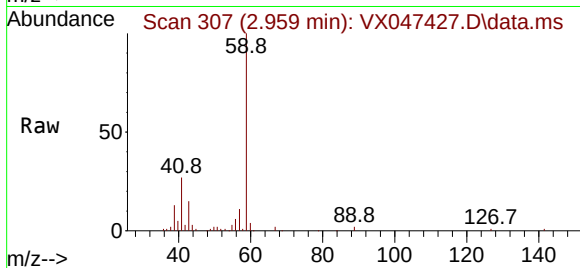
VSTDCCC050

Tgt Ion: 59 Resp: 77273

Ion Ratio Lower Upper

59 100

57 11.0 8.3 12.5



#12

1,1-Dichloroethene

Concen: 46.532 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

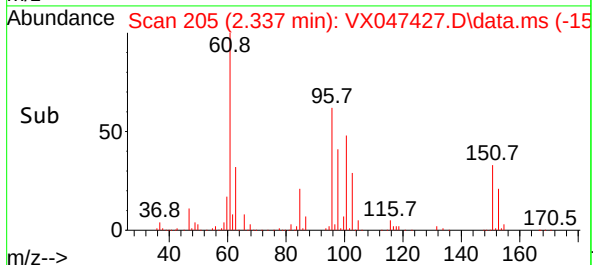
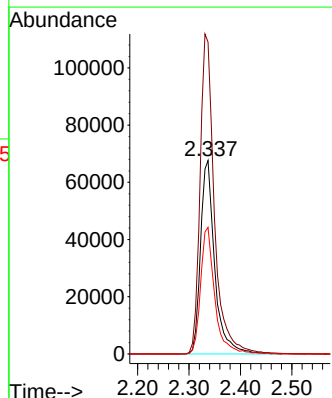
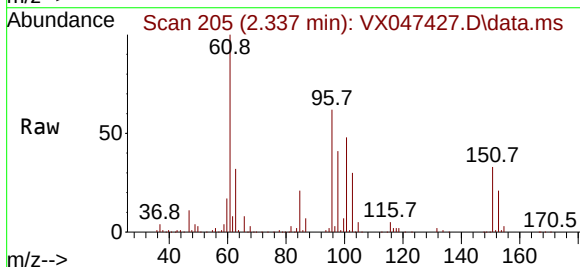
Tgt Ion: 96 Resp: 130124

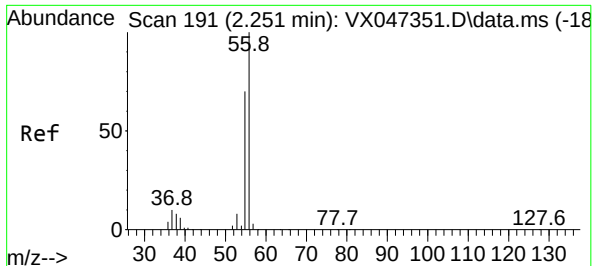
Ion Ratio Lower Upper

96 100

61 161.3 132.2 198.2

98 65.4 51.2 76.8

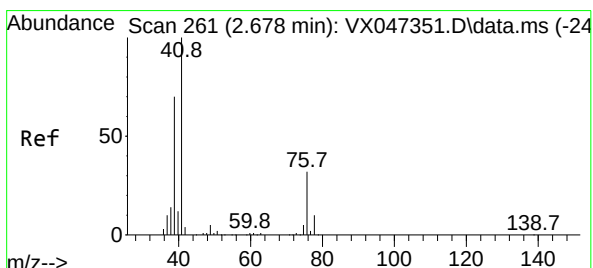
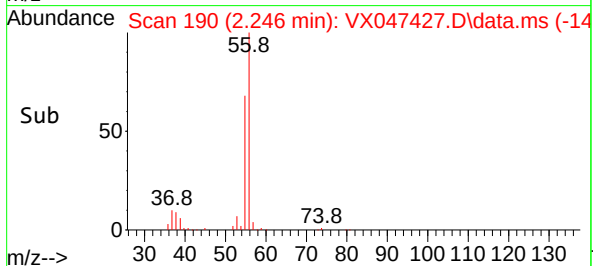
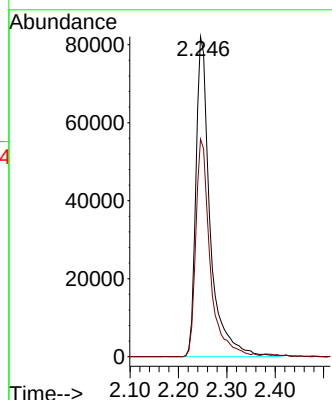
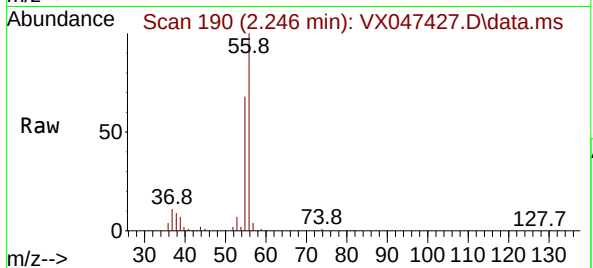




#13
Acrolein
Concen: 292.470 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

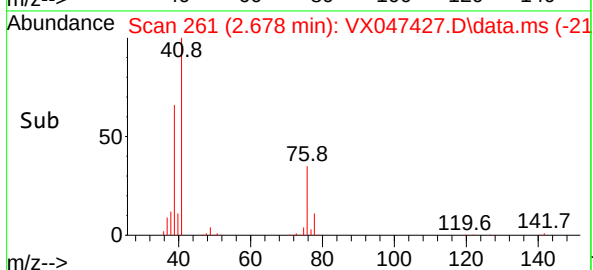
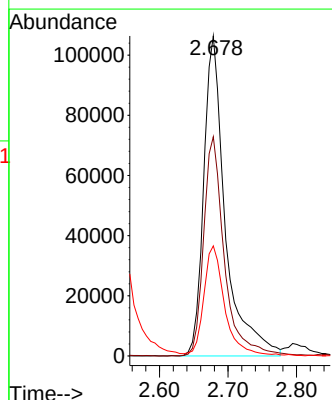
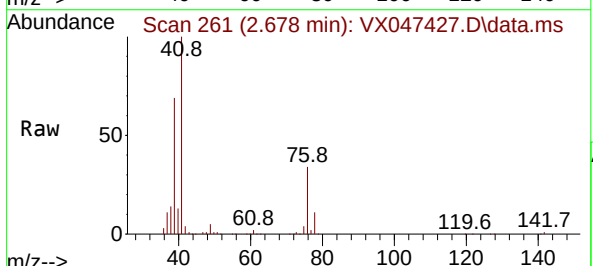
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

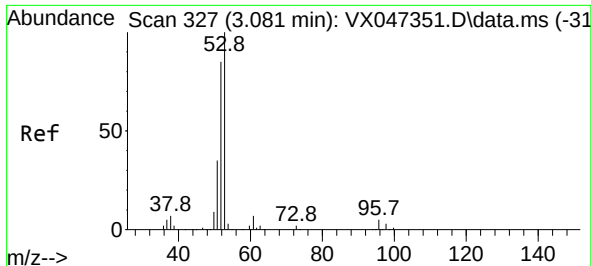
Tgt Ion: 56 Resp: 166950
Ion Ratio Lower Upper
56 100
55 69.0 55.5 83.3



#14
Allyl chloride
Concen: 48.177 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 41 Resp: 233998
Ion Ratio Lower Upper
41 100
39 65.8 54.6 81.8
76 32.5 27.6 41.4

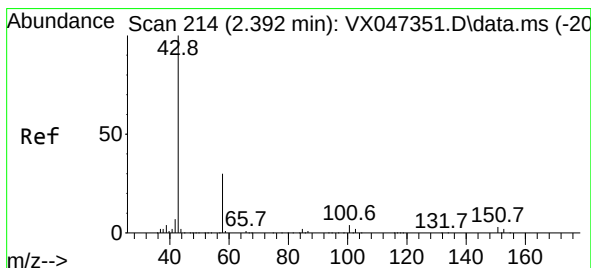
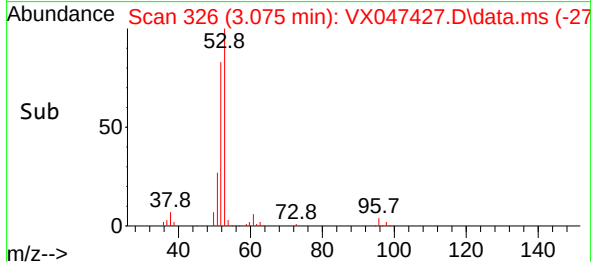
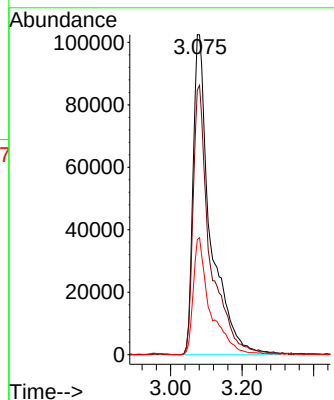
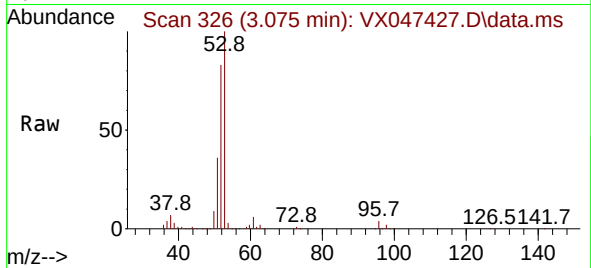




#15
Acrylonitrile
Concen: 264.563 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

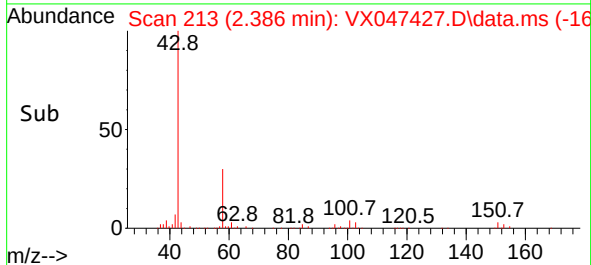
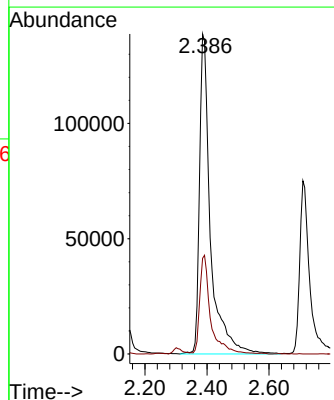
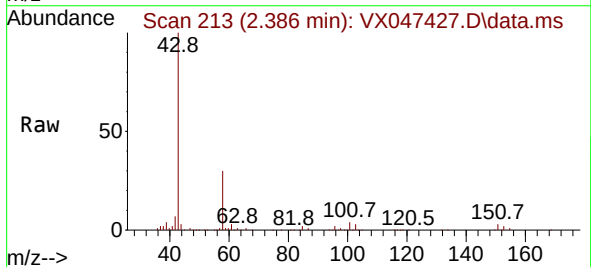
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

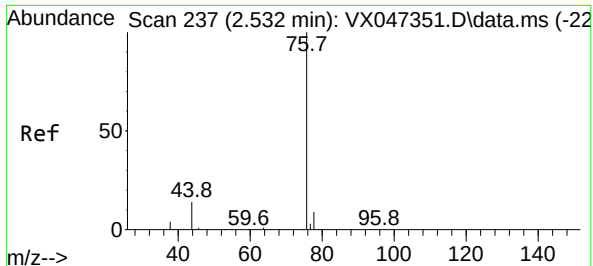
Tgt Ion: 53 Resp: 345699
Ion Ratio Lower Upper
53 100
52 82.1 65.8 98.6
51 36.0 28.2 42.2



#16
Acetone
Concen: 290.885 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 43 Resp: 339865
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2

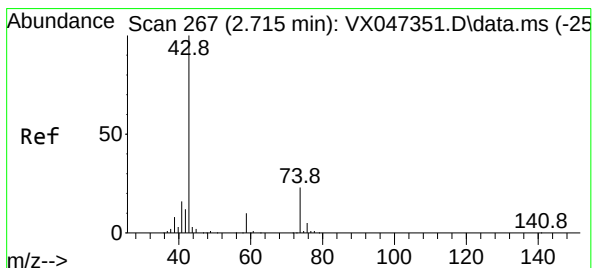
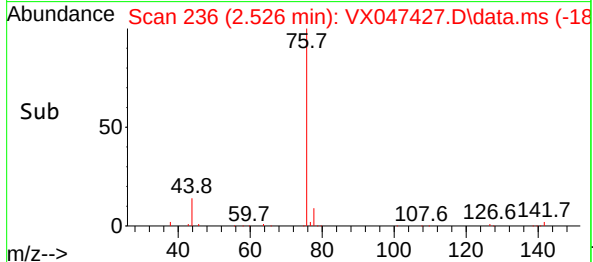
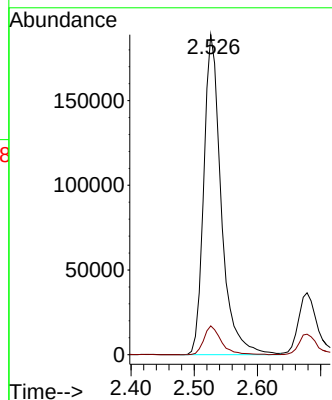
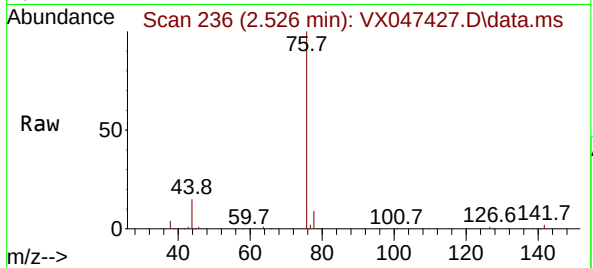




#17
Carbon Disulfide
Concen: 43.008 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

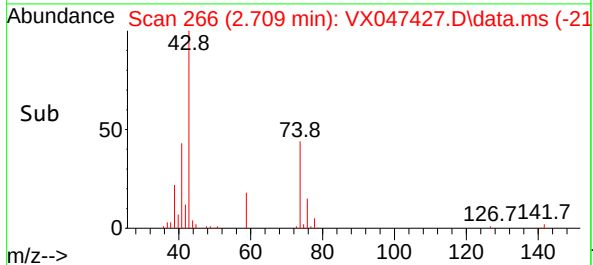
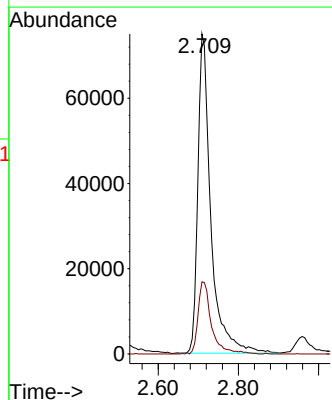
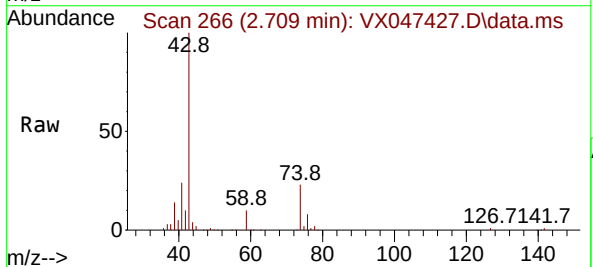
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

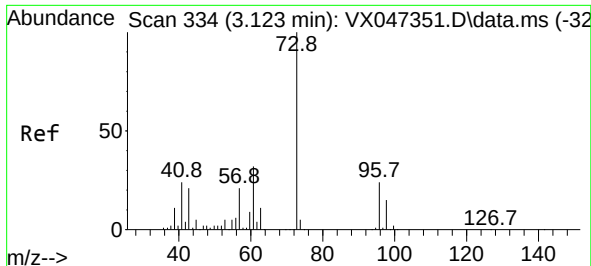
Tgt Ion: 76 Resp: 362926
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 55.608 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 43 Resp: 168367
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

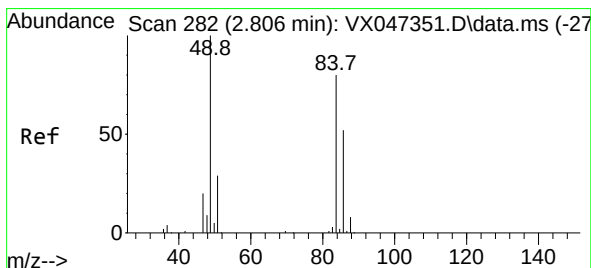
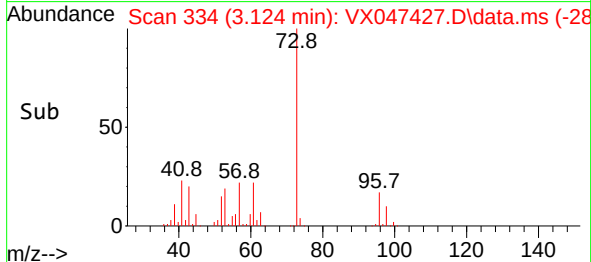
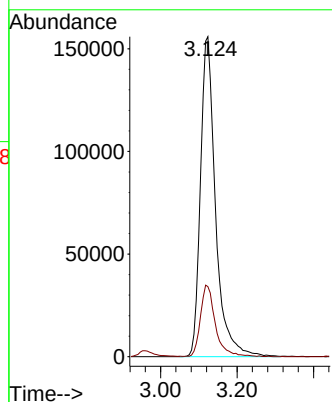
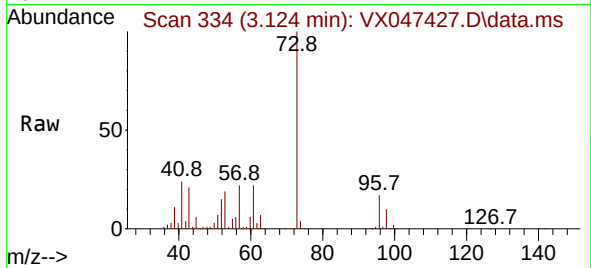




#19
Methyl tert-butyl Ether
Concen: 50.130 ug/l
RT: 3.124 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

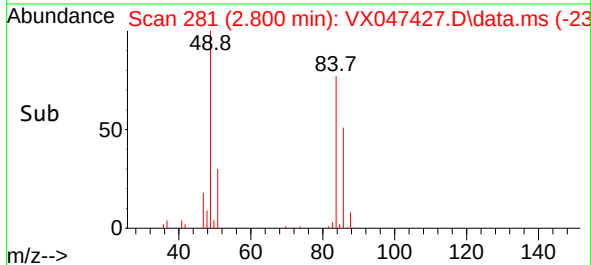
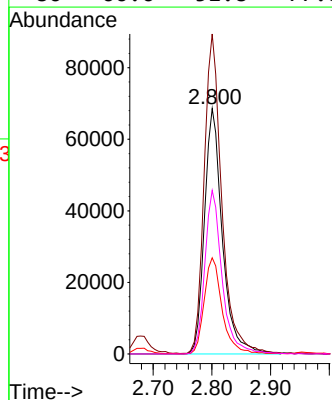
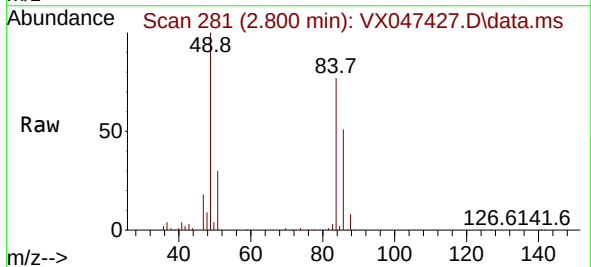
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

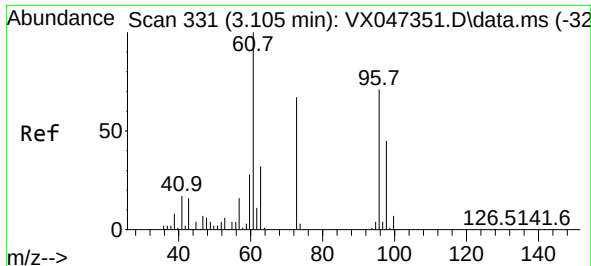
Tgt Ion: 73 Resp: 426473
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#20
Methylene Chloride
Concen: 46.976 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 84 Resp: 145340
Ion Ratio Lower Upper
84 100
49 130.2 100.1 150.1
51 39.1 29.5 44.3
86 66.6 51.8 77.8

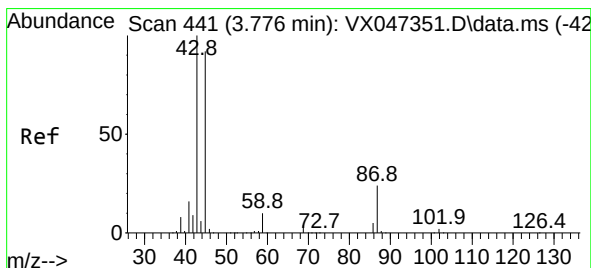
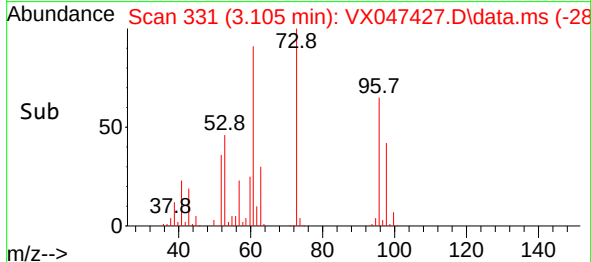
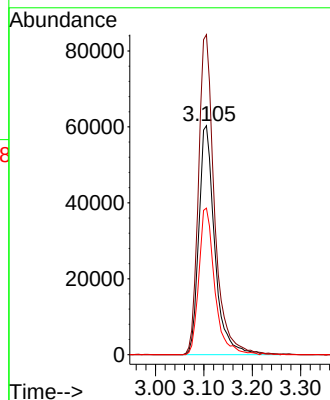
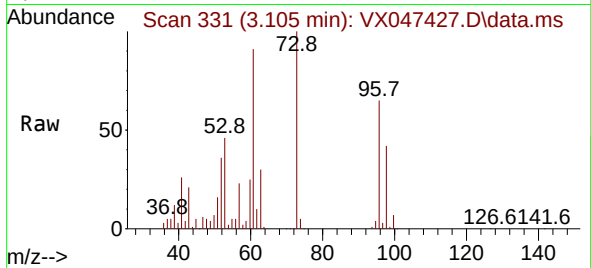




#21
trans-1,2-Dichloroethene
Concen: 46.500 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

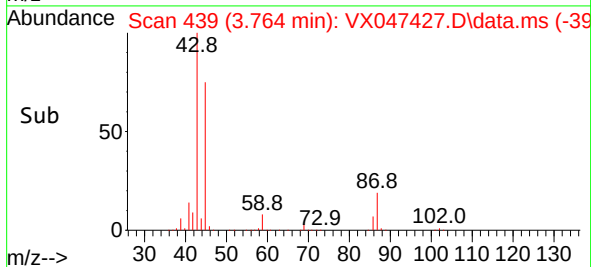
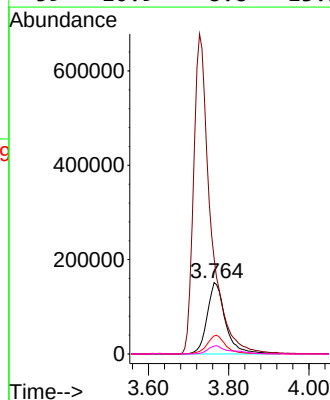
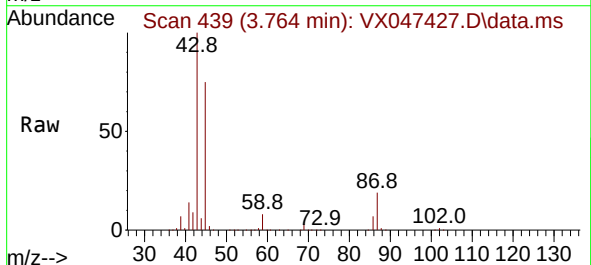
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

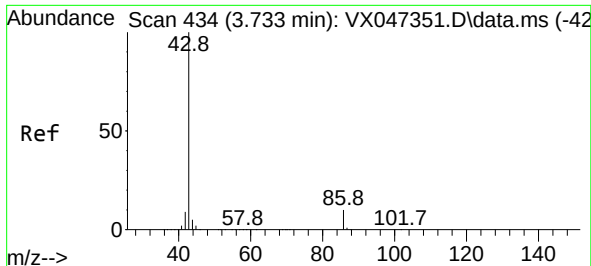
Tgt Ion: 96 Resp: 138016
Ion Ratio Lower Upper
96 100
61 139.7 112.6 169.0
98 64.0 50.9 76.3



#22
Diisopropyl ether
Concen: 49.981 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 45 Resp: 479860
Ion Ratio Lower Upper
45 100
43 133.4 86.8 130.2#
87 25.5 20.4 30.6
59 10.9 8.8 13.2

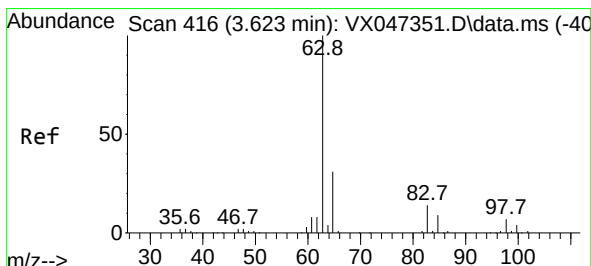
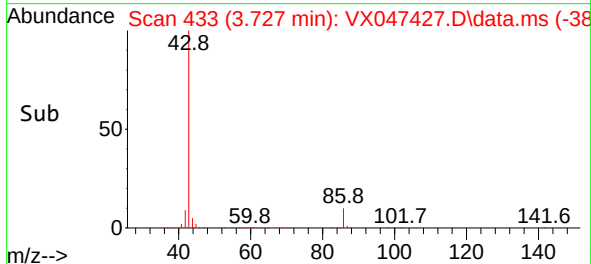
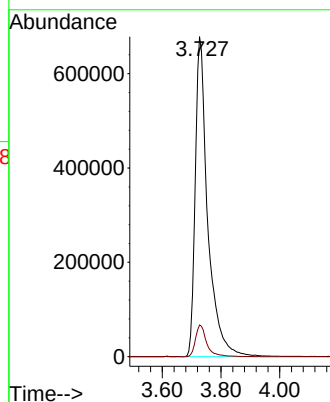
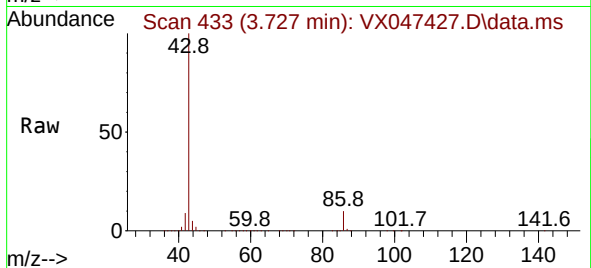




#23
 Vinyl Acetate
 Concen: 254.613 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

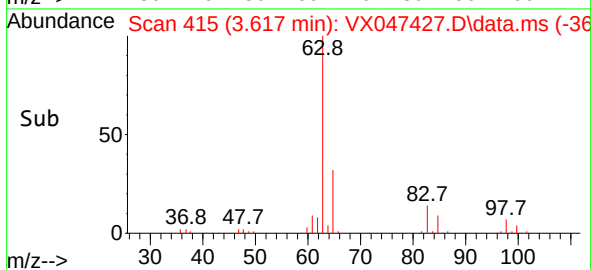
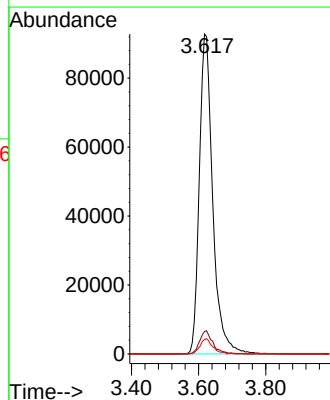
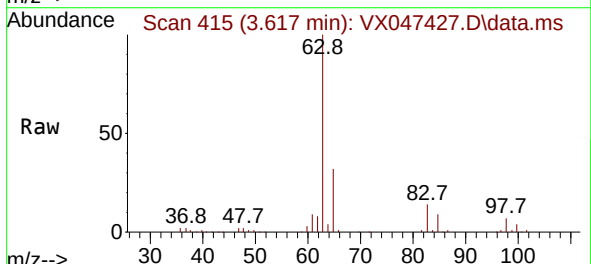
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

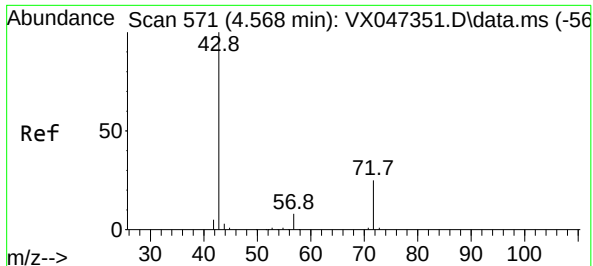
Tgt Ion: 43 Resp: 2003620
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 47.405 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

Tgt Ion: 63 Resp: 257251
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 282.551 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

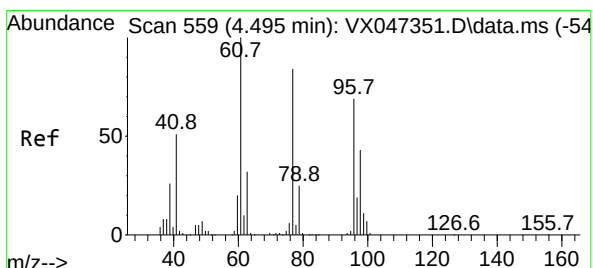
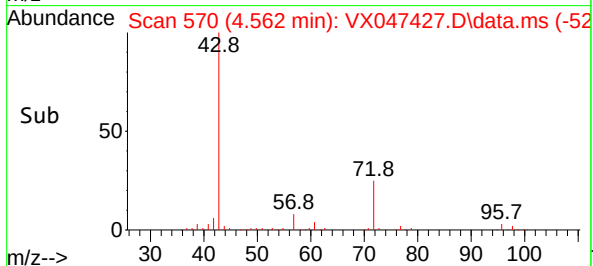
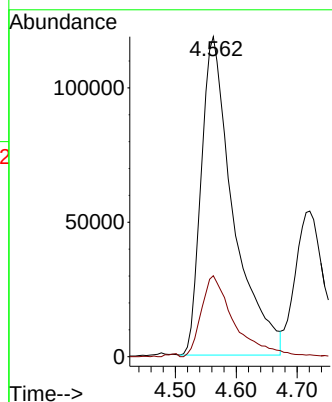
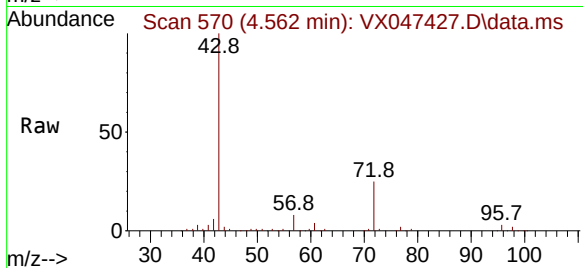
VSTDCCC050

Tgt Ion: 43 Resp: 432361

Ion Ratio Lower Upper

43 100

72 25.4 19.8 29.8



#26

2,2-Dichloropropane

Concen: 47.981 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX047427.D

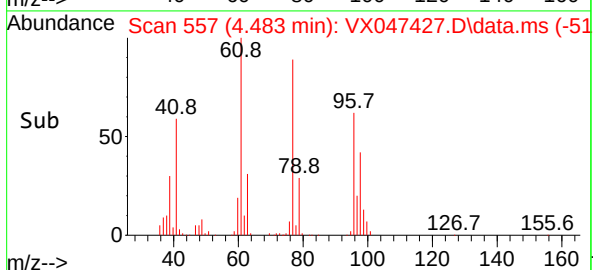
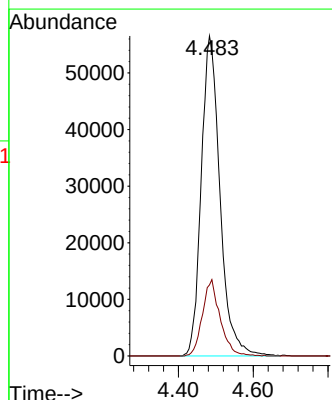
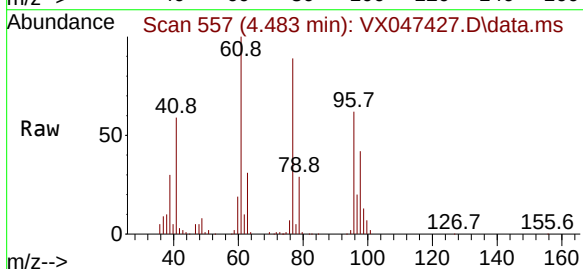
Acq: 20 Aug 2025 09:25

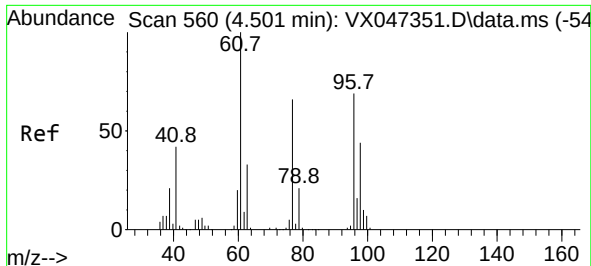
Tgt Ion: 77 Resp: 196523

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.103 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

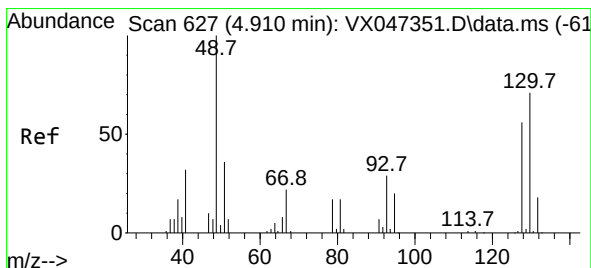
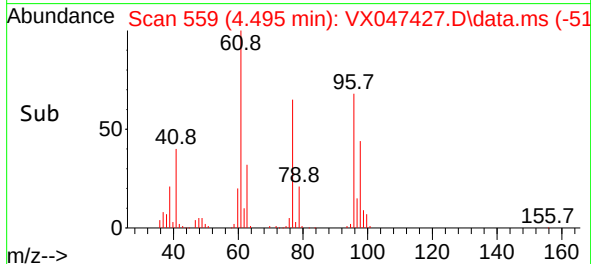
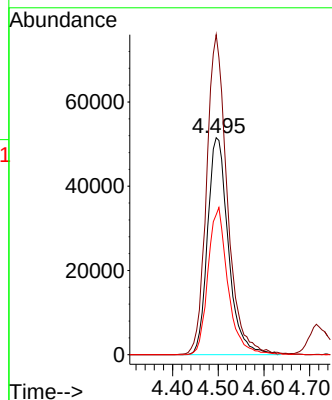
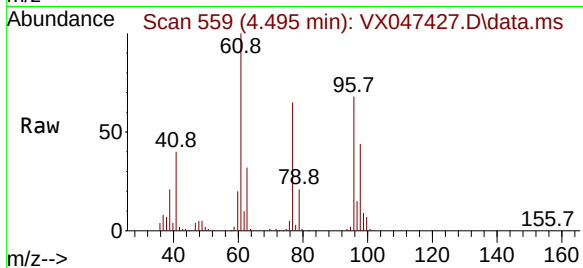
Tgt Ion: 96 Resp: 162834

Ion Ratio Lower Upper

96 100

61 147.3 0.0 296.6

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 52.582 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

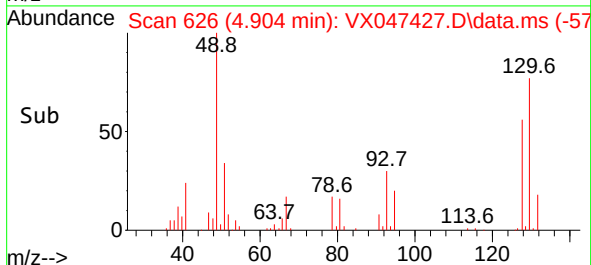
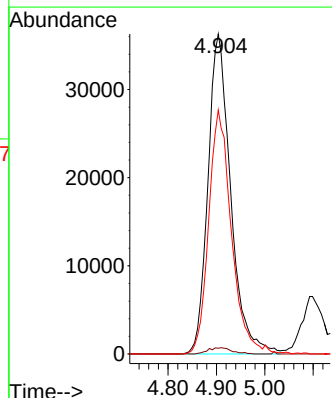
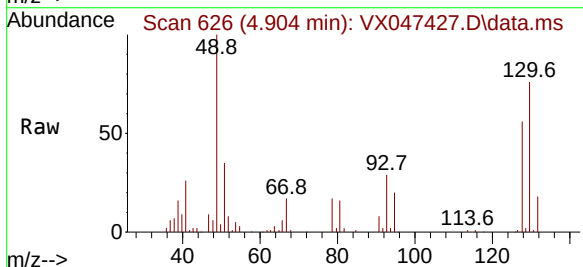
Tgt Ion: 49 Resp: 118739

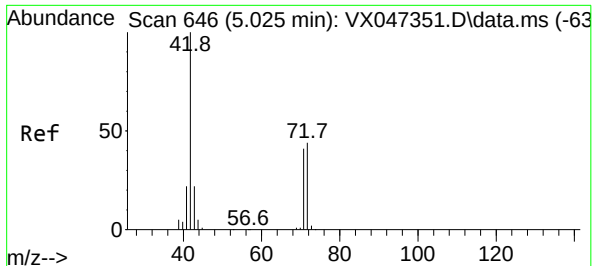
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 76.2 59.8 89.6





#29

Tetrahydrofuran

Concen: 261.014 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

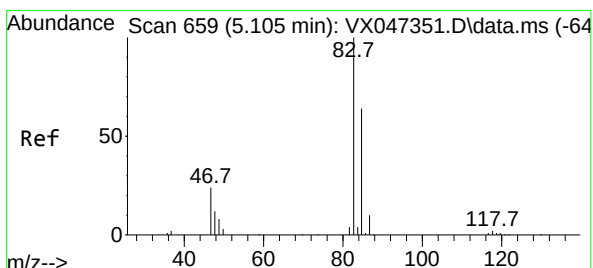
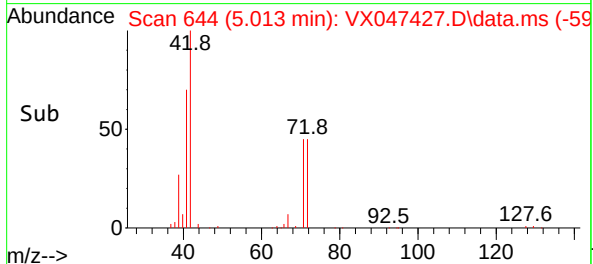
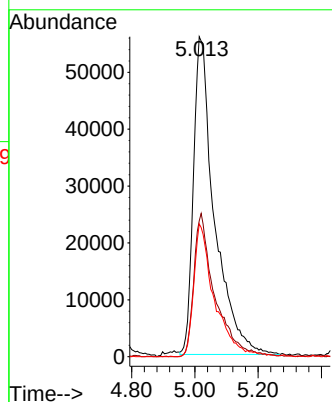
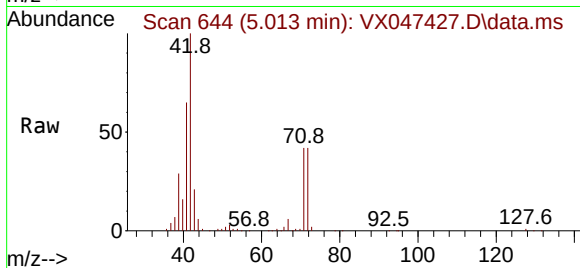
Tgt Ion: 42 Resp: 258151

Ion Ratio Lower Upper

42 100

72 45.0 34.6 51.8

71 41.1 32.6 49.0



#30

Chloroform

Concen: 47.660 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047427.D

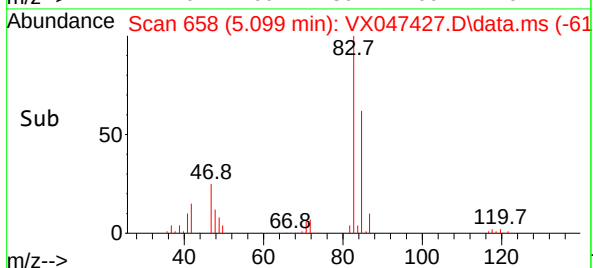
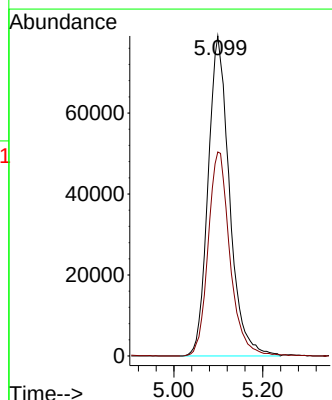
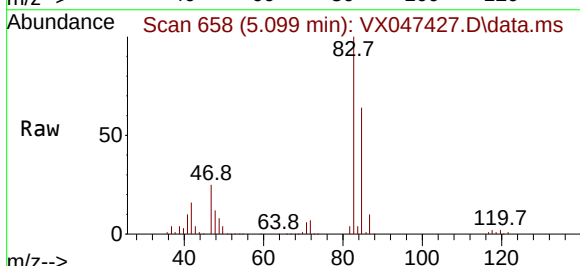
Acq: 20 Aug 2025 09:25

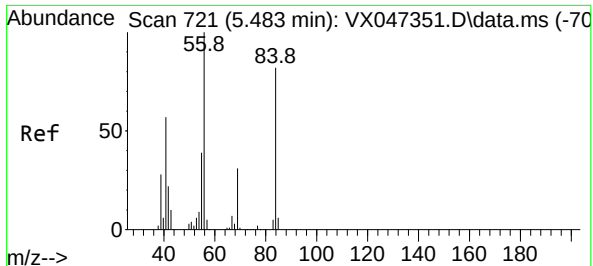
Tgt Ion: 83 Resp: 263954

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

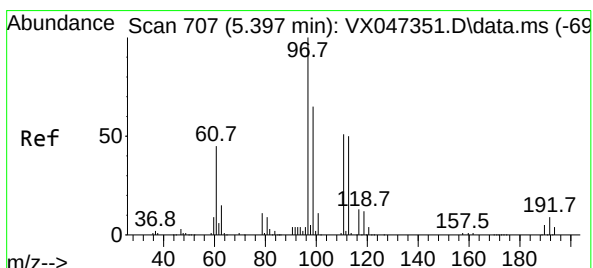
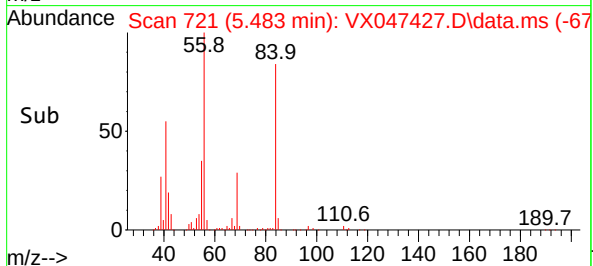
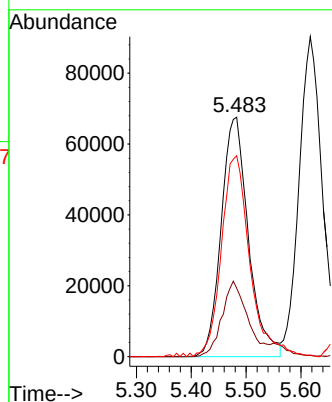
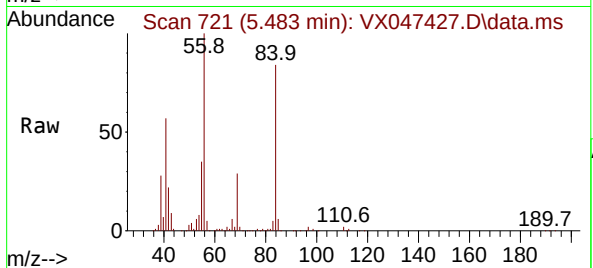




#31
Cyclohexane
Concen: 46.560 ug/l
RT: 5.483 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

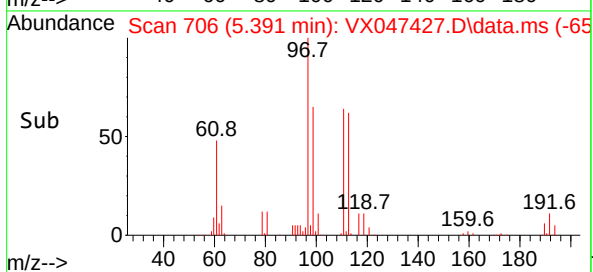
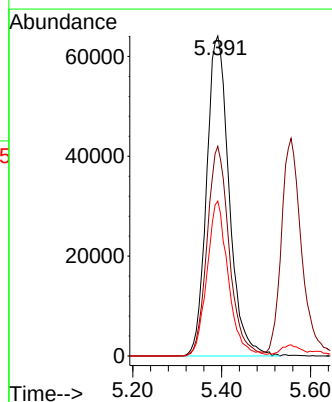
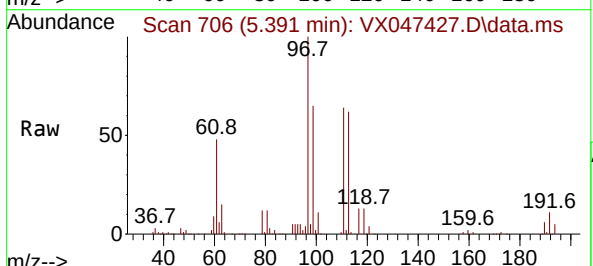
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

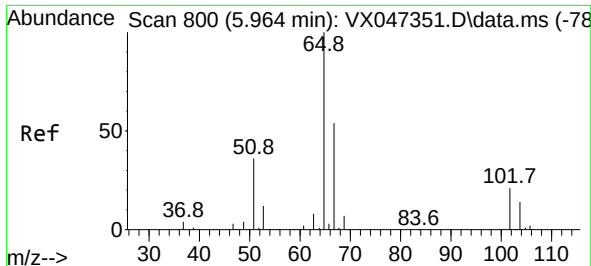
Tgt Ion: 56 Resp: 232913
Ion Ratio Lower Upper
56 100
69 28.2 24.3 36.5
84 83.8 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 47.325 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 97 Resp: 225596
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 45.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.348 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

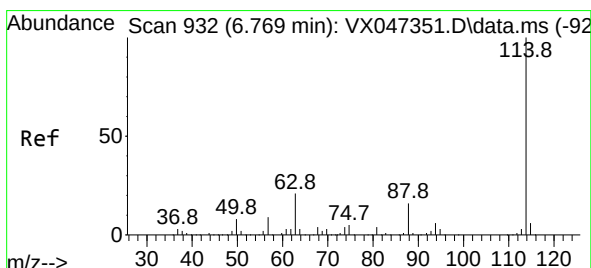
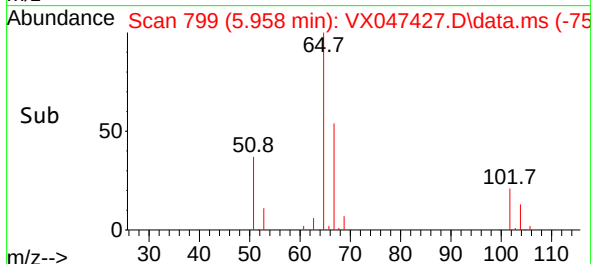
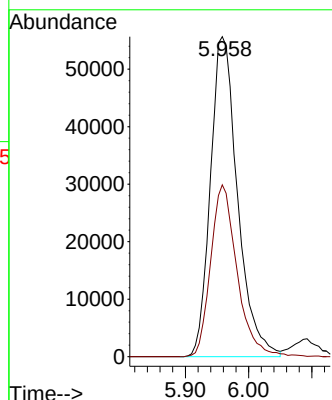
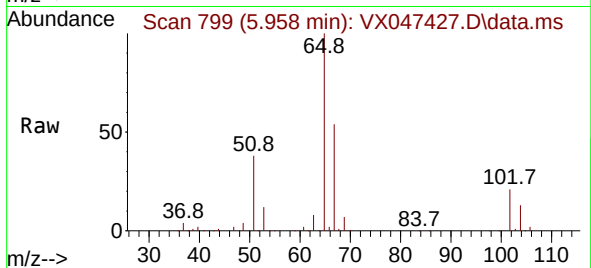
VSTDCCC050

Tgt Ion: 65 Resp: 165825

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

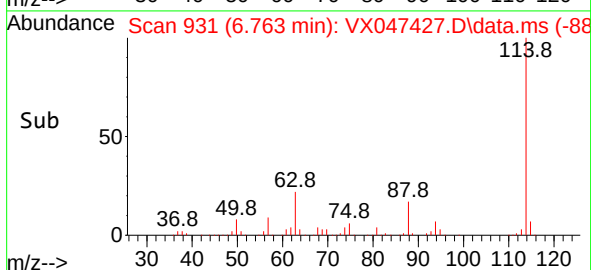
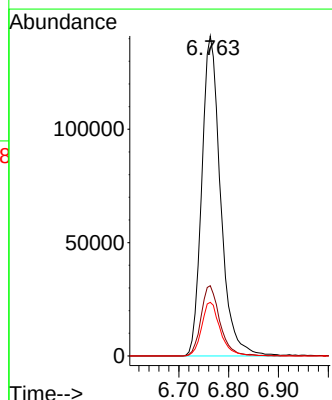
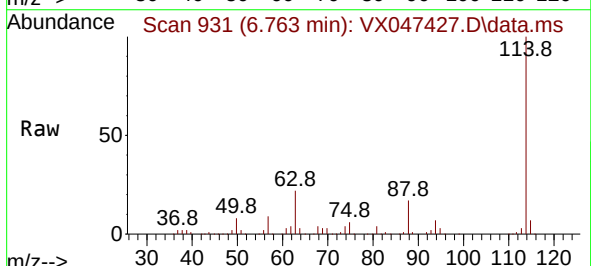
Tgt Ion: 114 Resp: 369648

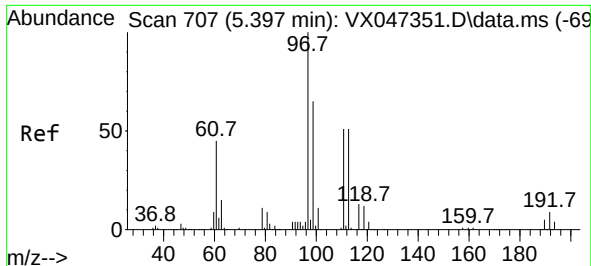
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.4

88 16.8 0.0 33.0

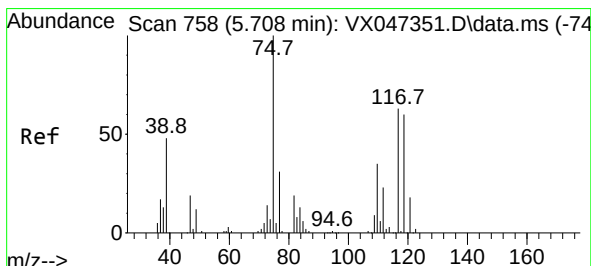
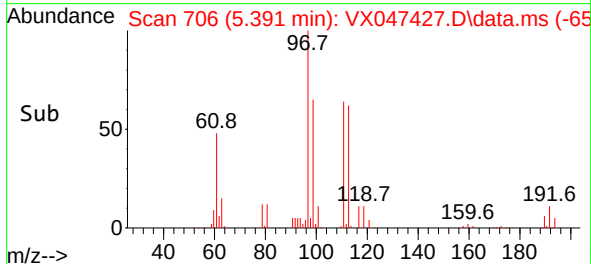
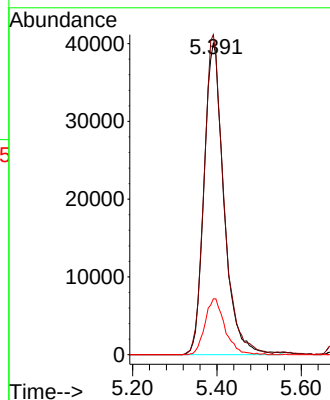
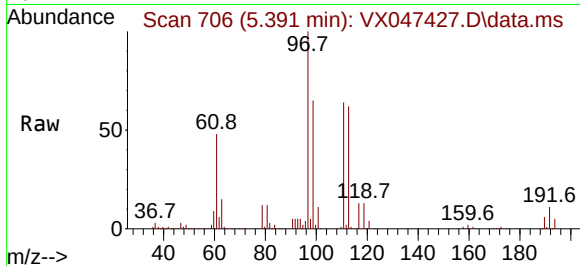




#35
Dibromofluoromethane
Concen: 54.744 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

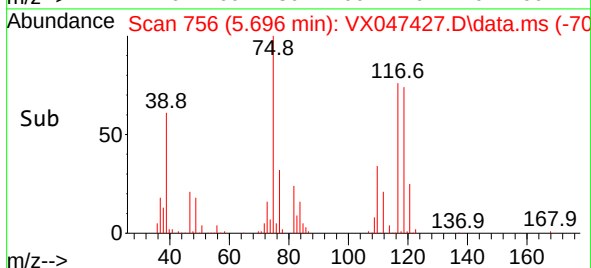
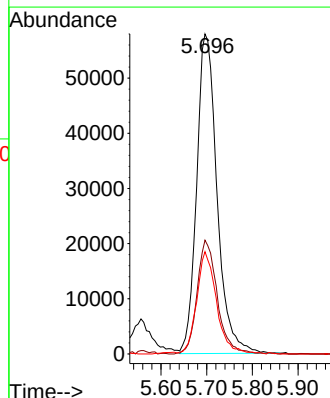
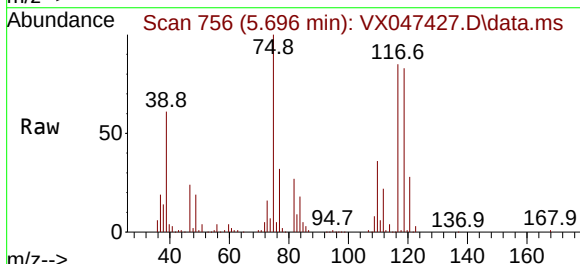
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

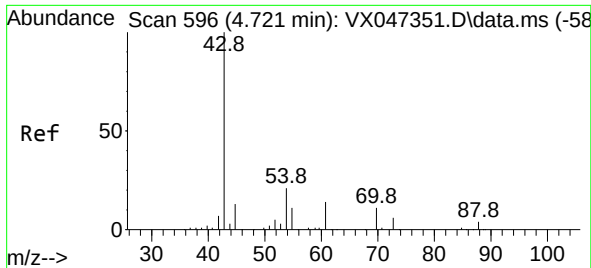
Tgt Ion:113 Resp: 131333
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 18.1 14.1 21.1



#36
1,1-Dichloropropene
Concen: 47.379 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 75 Resp: 179428
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.2
77 31.2 24.4 36.6

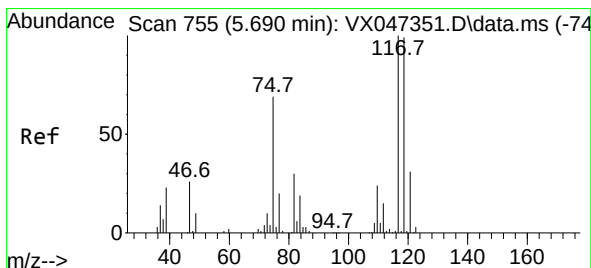
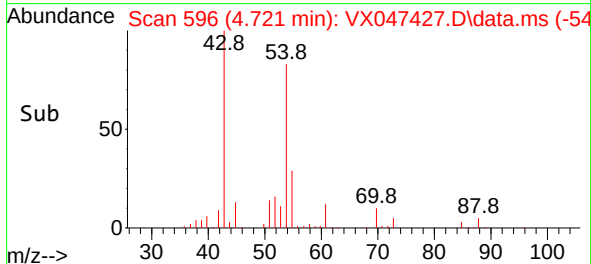
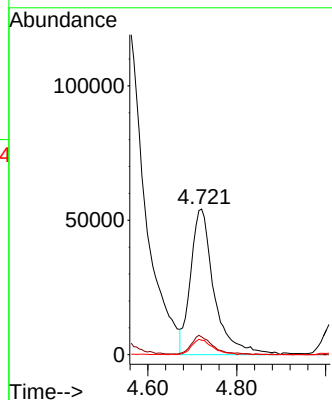
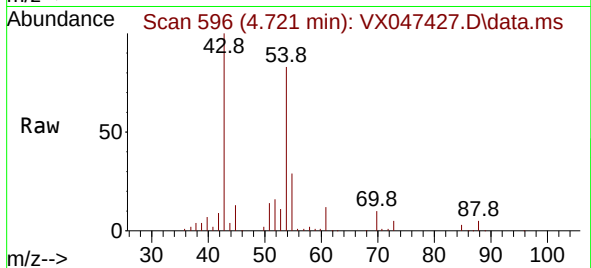




#37
Ethyl Acetate
Concen: 50.571 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

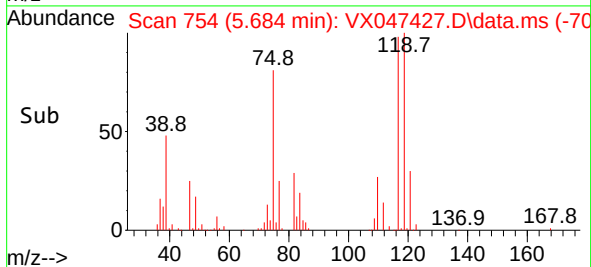
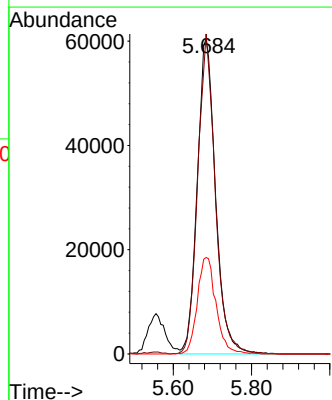
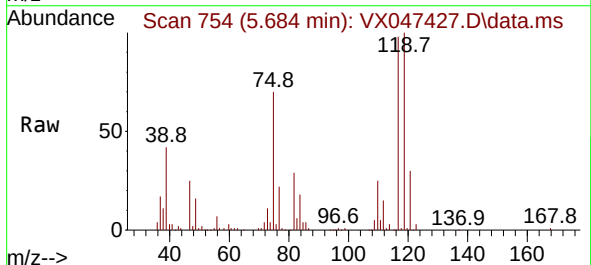
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

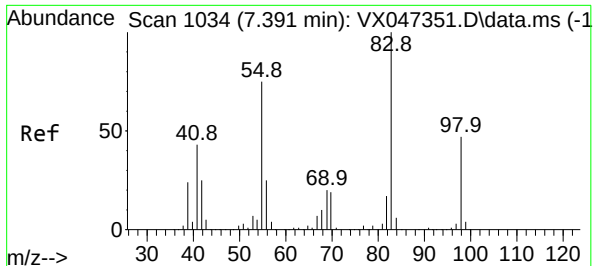
Tgt Ion: 43 Resp: 198822
Ion Ratio Lower Upper
43 100
61 11.7 9.4 14.2
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 47.480 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 117 Resp: 196495
Ion Ratio Lower Upper
117 100
119 101.6 78.5 117.7
121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 48.139 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

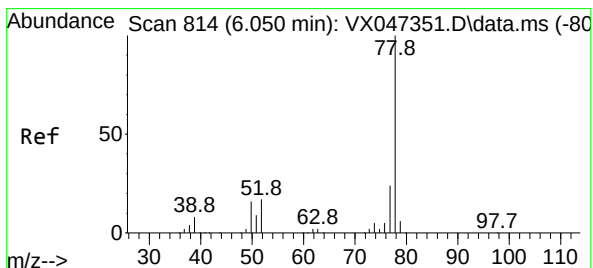
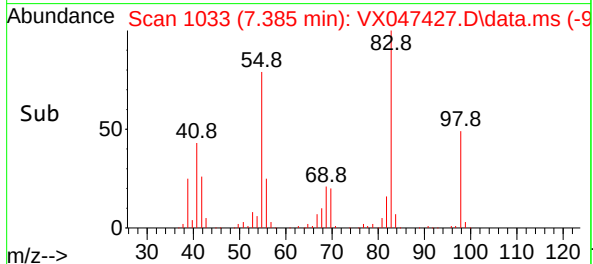
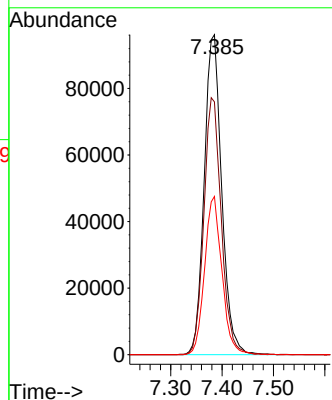
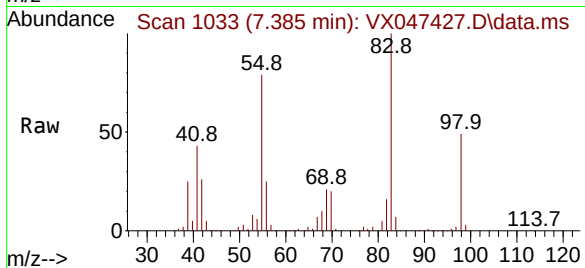
Tgt Ion: 83 Resp: 227398

Ion Ratio Lower Upper

83 100

55 78.9 60.0 90.0

98 49.5 37.2 55.8



#40

Benzene

Concen: 48.393 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.006 min

Lab File: VX047427.D

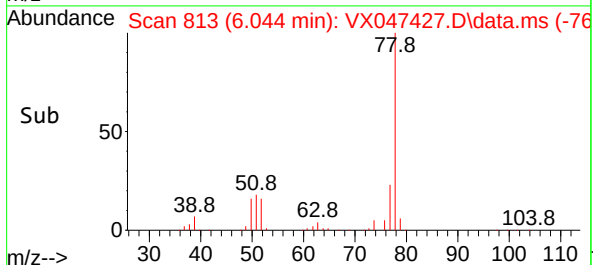
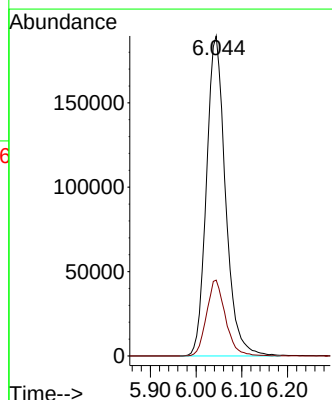
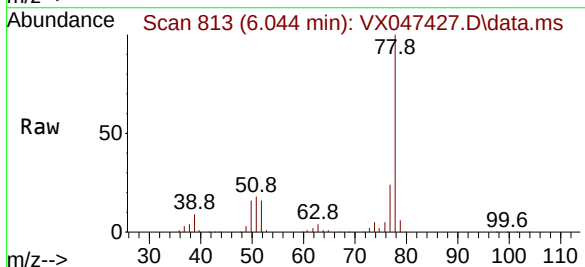
Acq: 20 Aug 2025 09:25

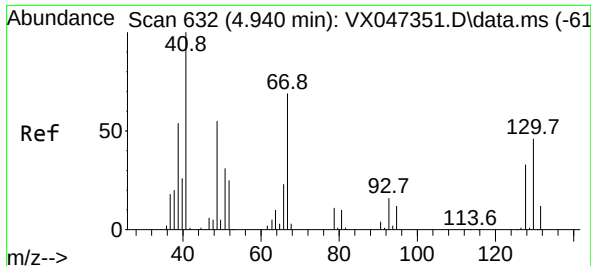
Tgt Ion: 78 Resp: 548553

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



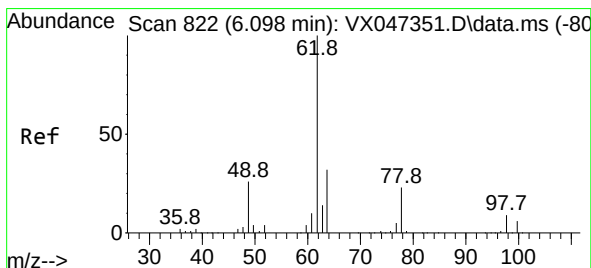
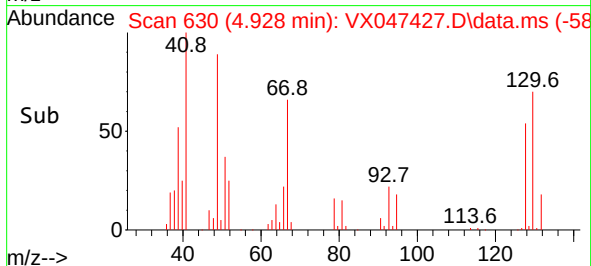
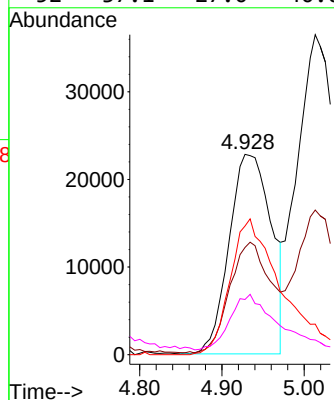
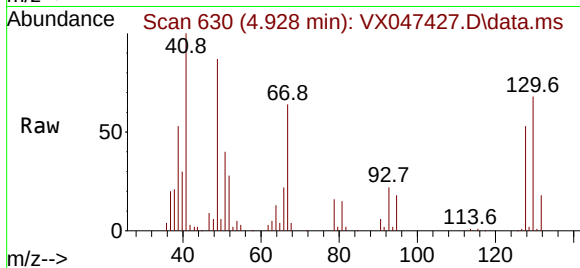


#41
Methacrylonitrile
Concen: 49.094 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 81393

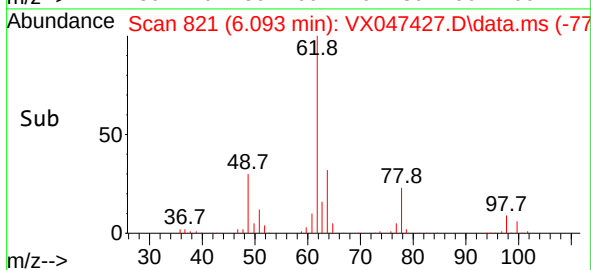
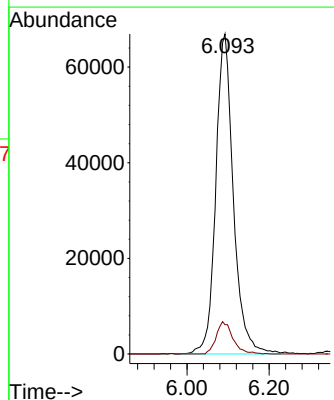
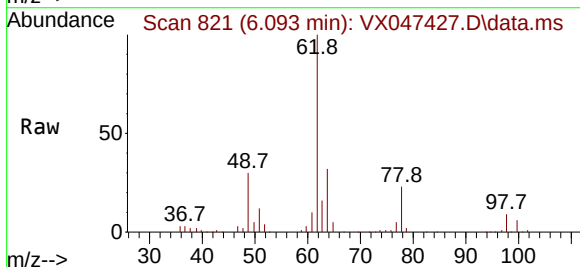
Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.4	68.2
67	86.5	64.0	96.0
52	37.1	27.0	40.6

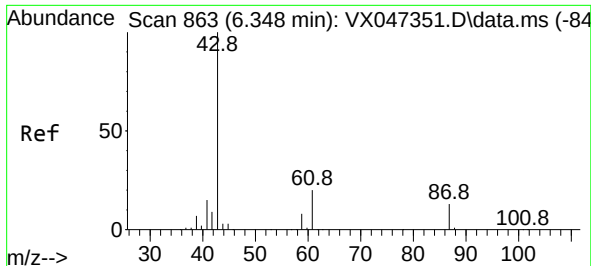


#42
1,2-Dichloroethane
Concen: 49.602 ug/l
RT: 6.093 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 62 Resp: 199161

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

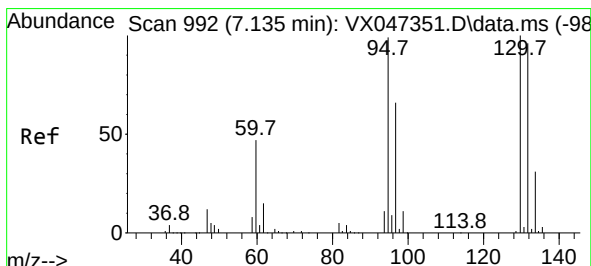
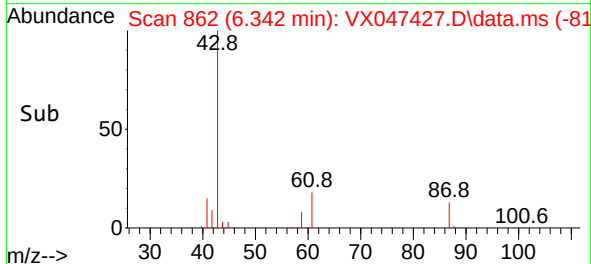
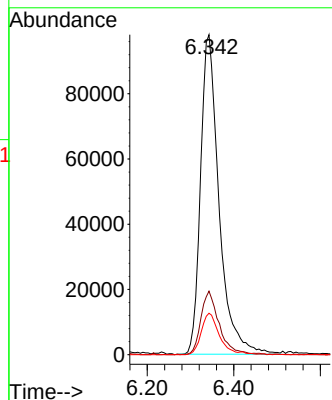
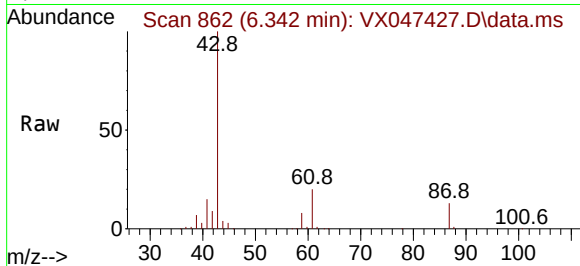




#43
Isopropyl Acetate
Concen: 51.437 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

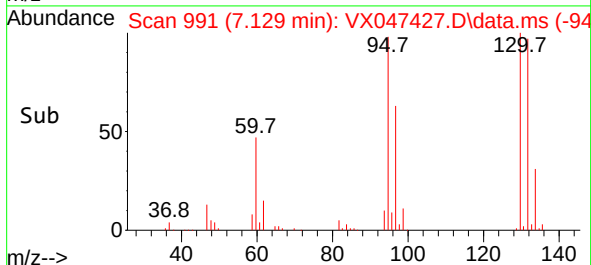
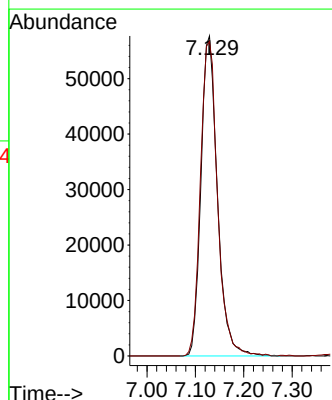
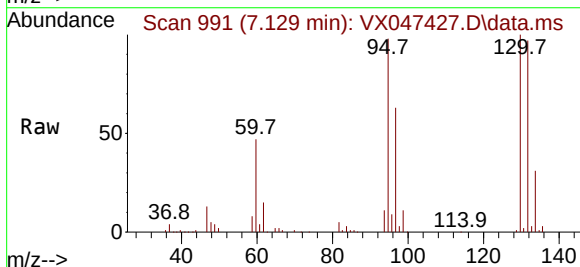
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

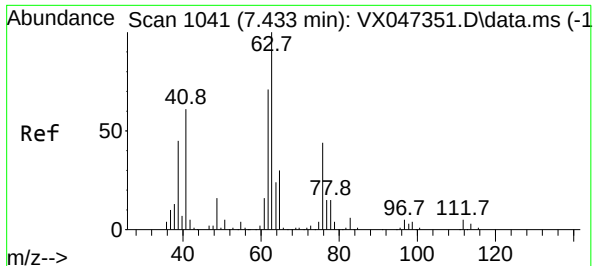
Tgt Ion: 43 Resp: 290517
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 12.7 10.2 15.4



#44
Trichloroethene
Concen: 46.924 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 130 Resp: 136195
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.152 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

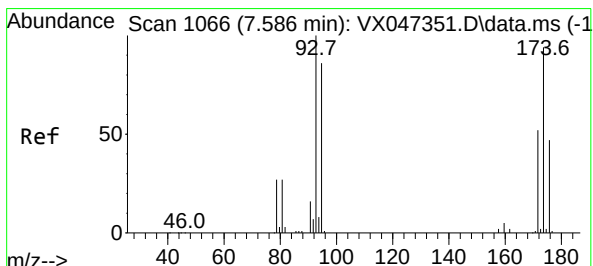
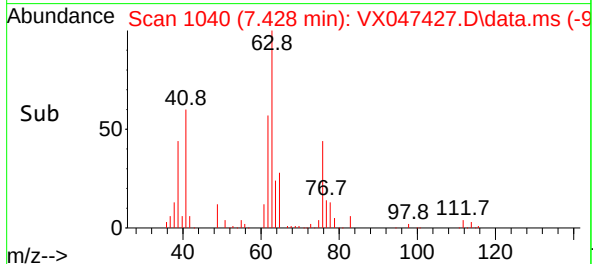
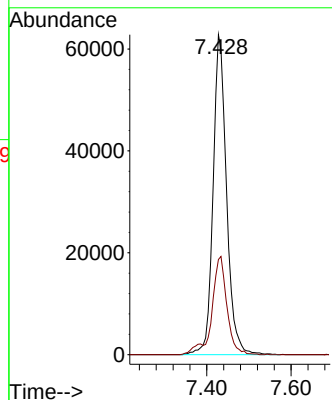
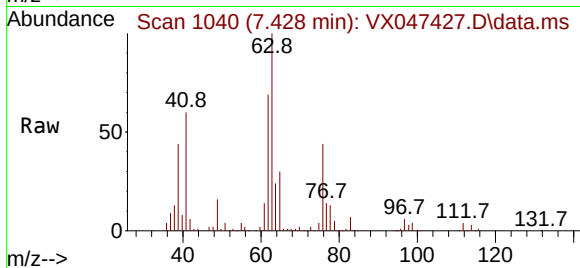
VSTDCCC050

Tgt Ion: 63 Resp: 139581

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 49.216 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

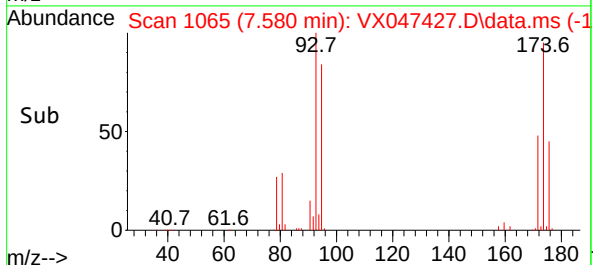
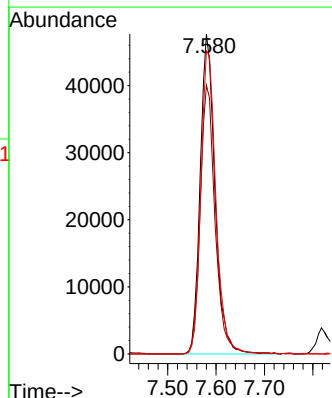
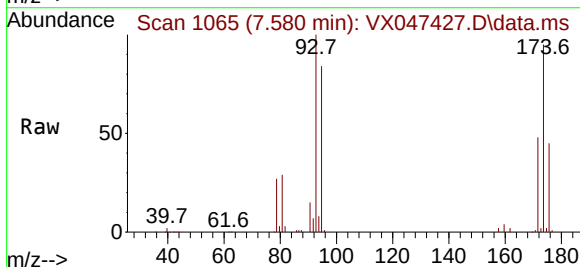
Tgt Ion: 93 Resp: 101467

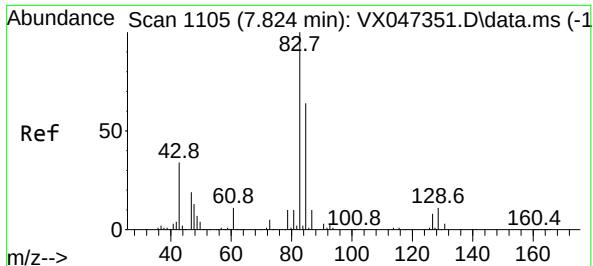
Ion Ratio Lower Upper

93 100

95 84.0 68.0 102.0

174 96.1 75.8 113.6

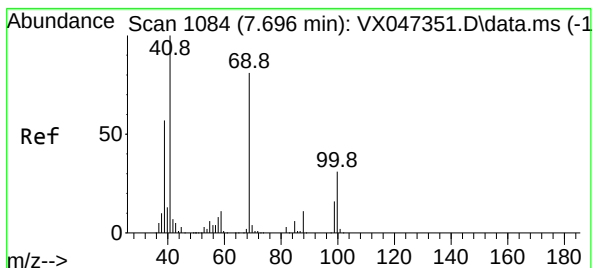
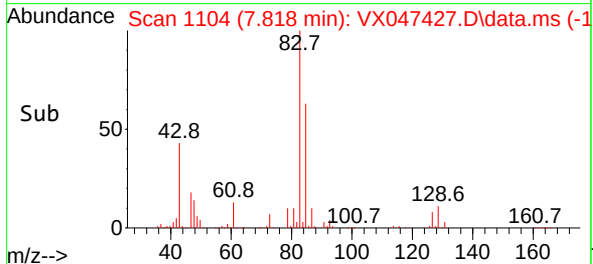
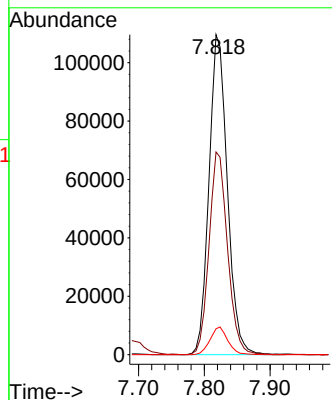
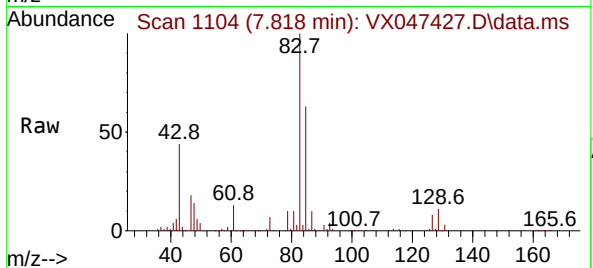




#47
Bromodichloromethane
Concen: 49.856 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

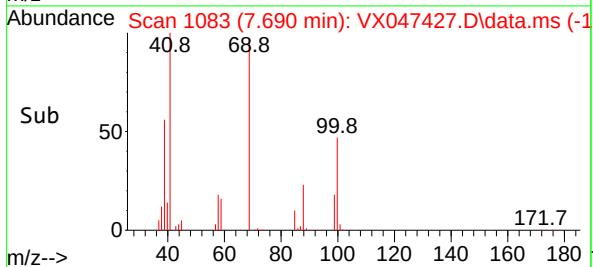
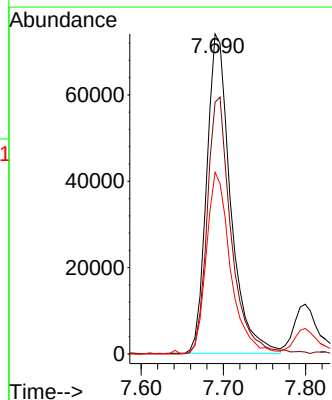
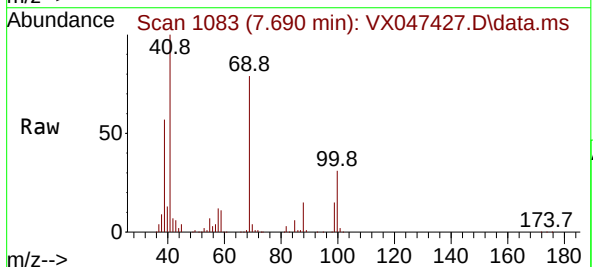
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

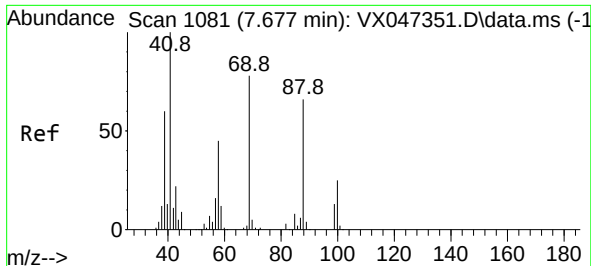
Tgt Ion: 83 Resp: 213085
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 8.1 7.0 10.4



#48
Methyl methacrylate
Concen: 51.141 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 41 Resp: 149931
Ion Ratio Lower Upper
41 100
69 80.5 65.0 97.4
39 56.9 45.7 68.5





#49

1,4-Dioxane

Concen: 1275.197 ug/l

RT: 7.684 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

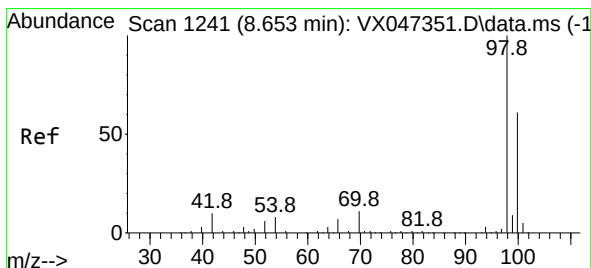
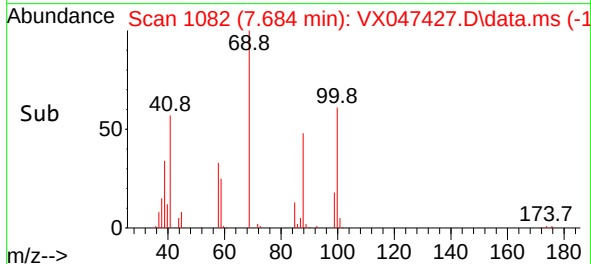
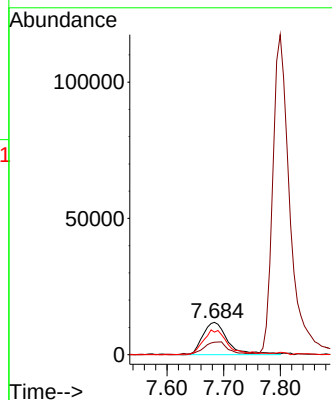
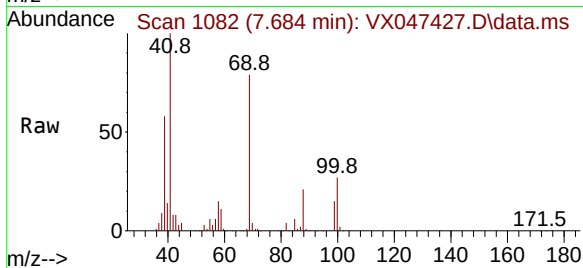
Tgt Ion: 88 Resp: 36343

Ion Ratio Lower Upper

88 100

43 33.9 32.4 48.6

58 70.8 56.9 85.3



#50

Toluene-d8

Concen: 53.057 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047427.D

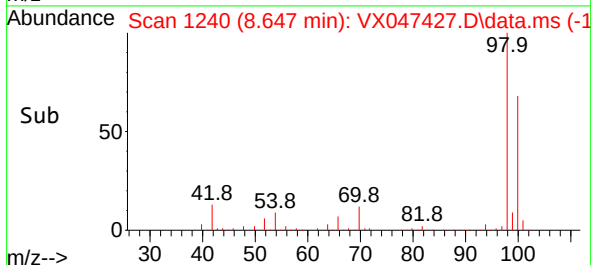
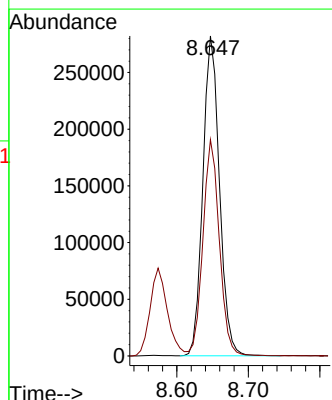
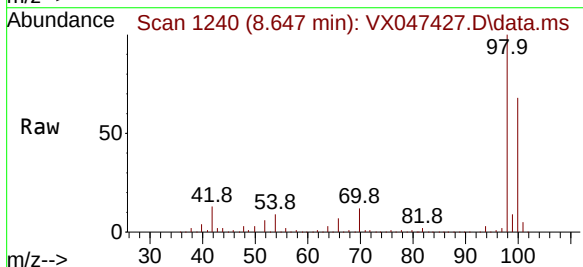
Acq: 20 Aug 2025 09:25

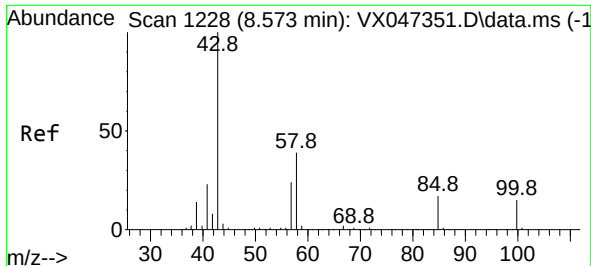
Tgt Ion: 98 Resp: 454952

Ion Ratio Lower Upper

98 100

100 66.8 53.9 80.9

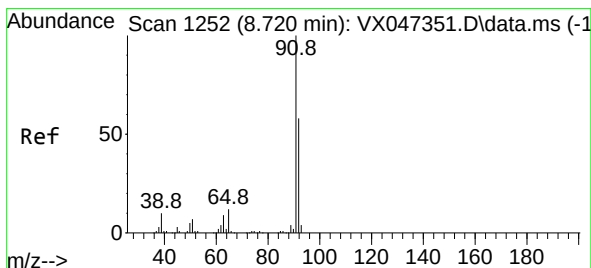
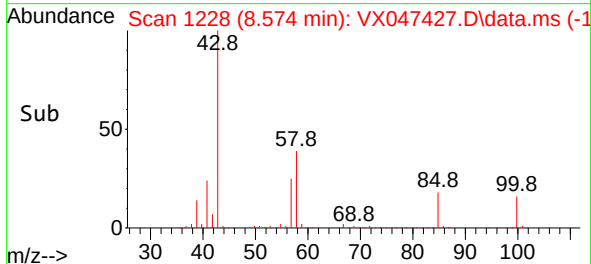
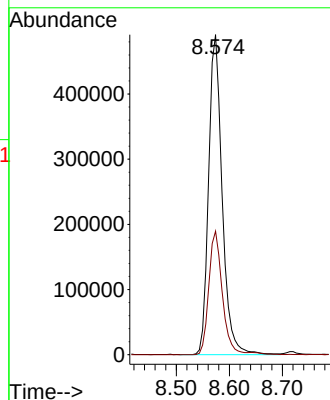
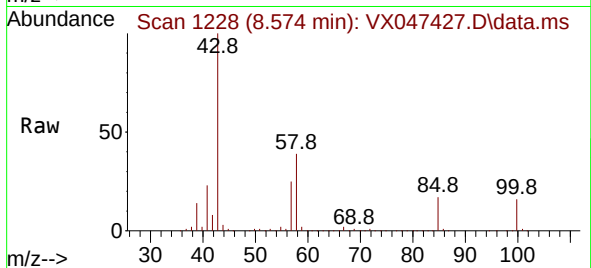




#51
4-Methyl-2-Pentanone
Concen: 268.005 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

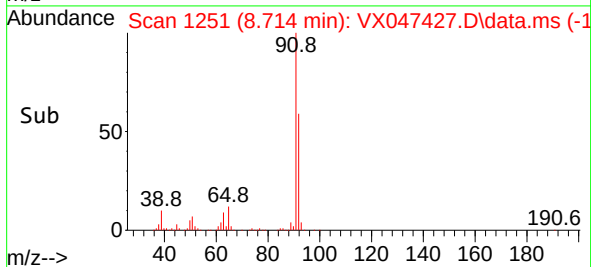
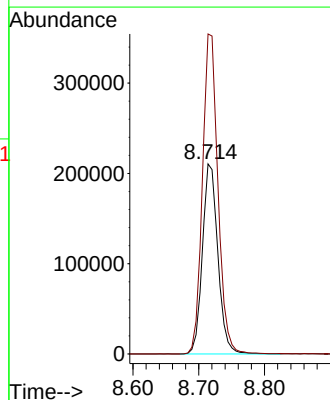
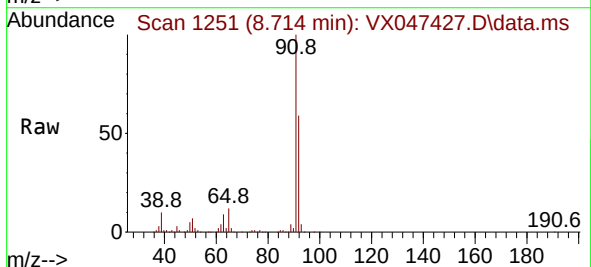
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

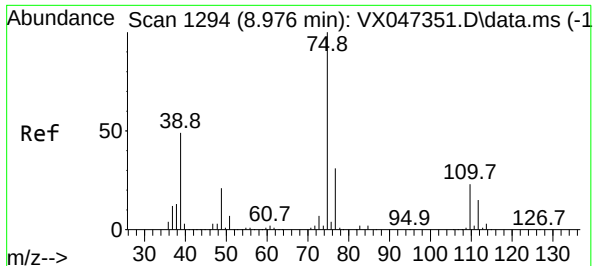
Tgt Ion: 43 Resp: 871077
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8



#52
Toluene
Concen: 49.011 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 92 Resp: 343297
Ion Ratio Lower Upper
92 100
91 169.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 52.441 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

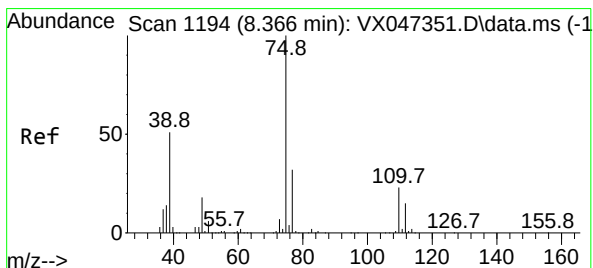
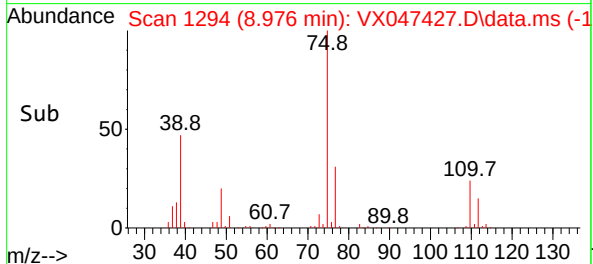
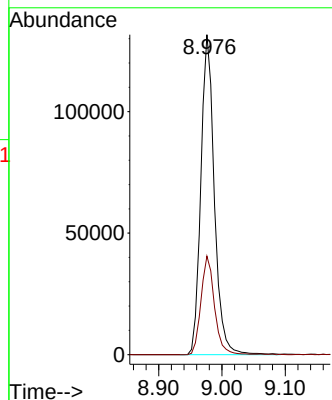
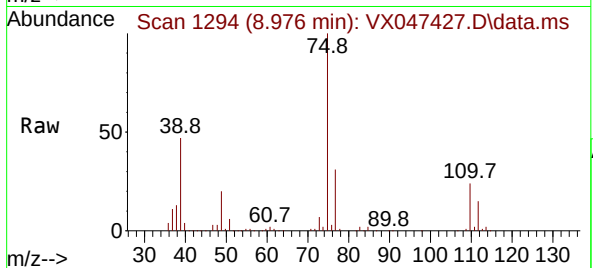
VSTDCCC050

Tgt Ion: 75 Resp: 195614

Ion Ratio Lower Upper

75 100

77 30.8 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 50.782 ug/l

RT: 8.367 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

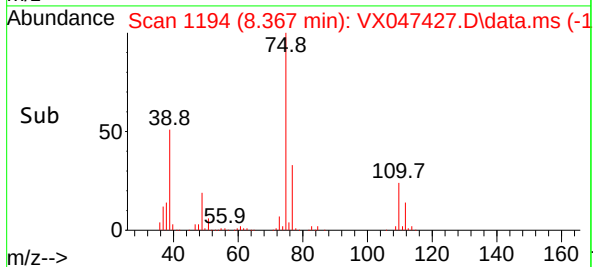
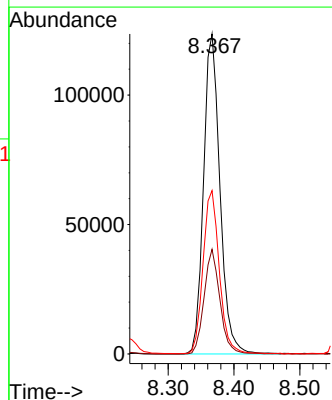
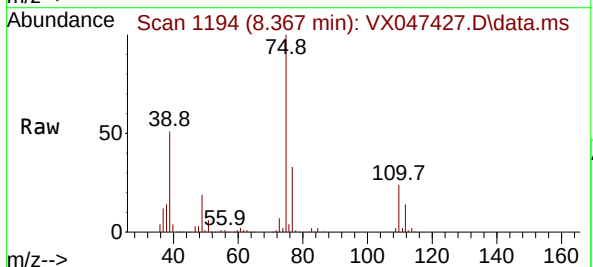
Tgt Ion: 75 Resp: 214406

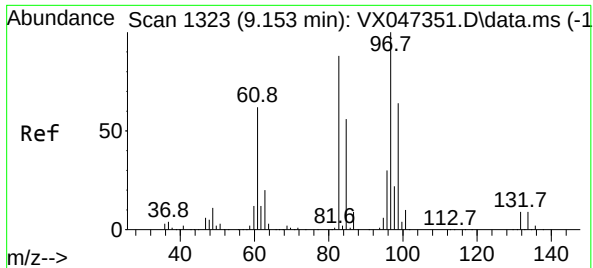
Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

39 51.0 40.9 61.3



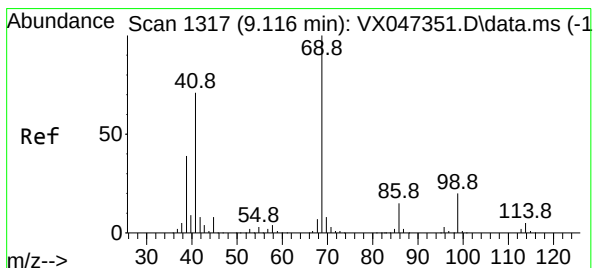
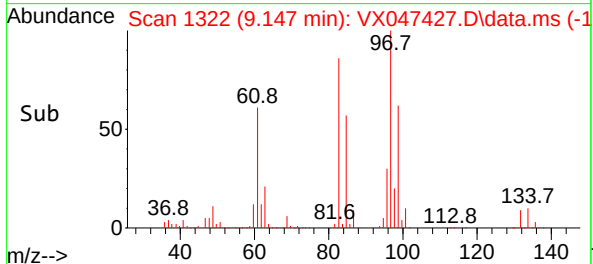
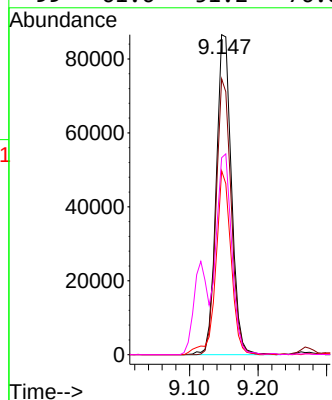
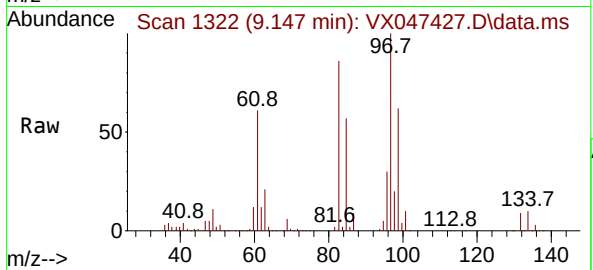


#55
1,1,2-Trichloroethane
Concen: 50.160 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 133399

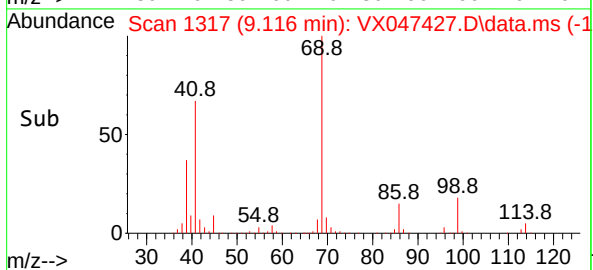
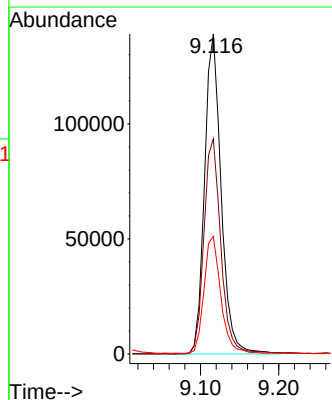
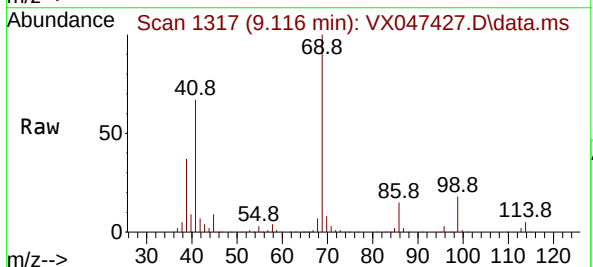
Ion	Ratio	Lower	Upper
97	100		
83	86.2	70.6	106.0
85	57.5	44.7	67.1
99	61.6	51.2	76.8

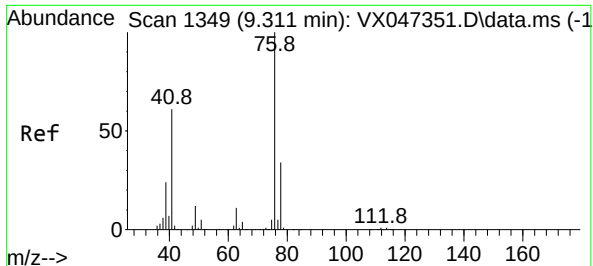


#56
Ethyl methacrylate
Concen: 52.154 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 69 Resp: 204493

Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.3	82.9
39	37.1	30.2	45.2





#57

1,3-Dichloropropane

Concen: 50.551 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

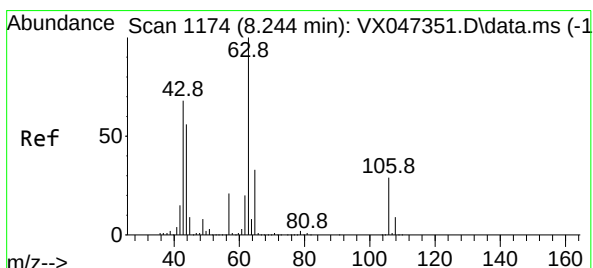
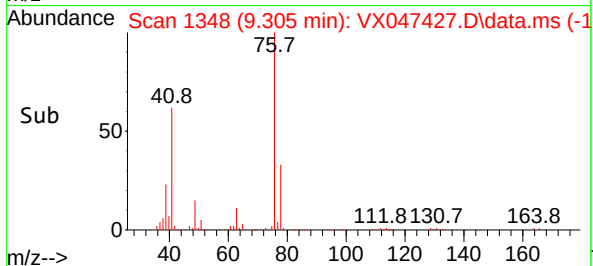
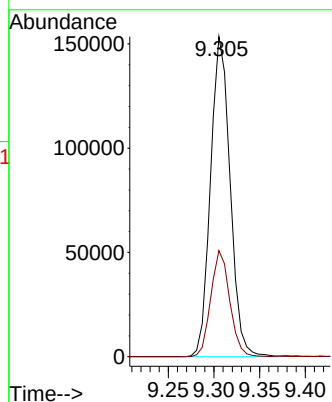
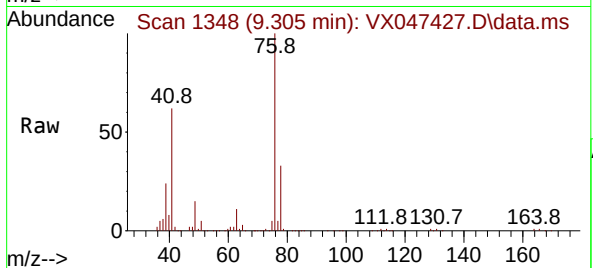
VSTDCCC050

Tgt Ion: 76 Resp: 229079

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 258.666 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047427.D

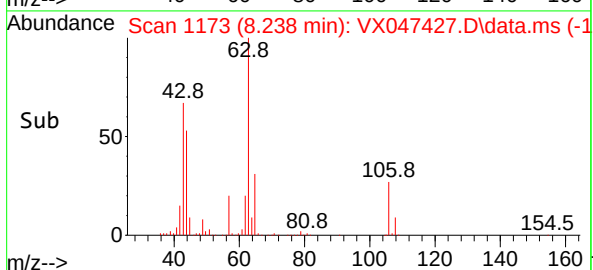
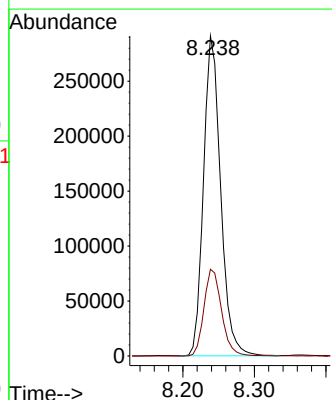
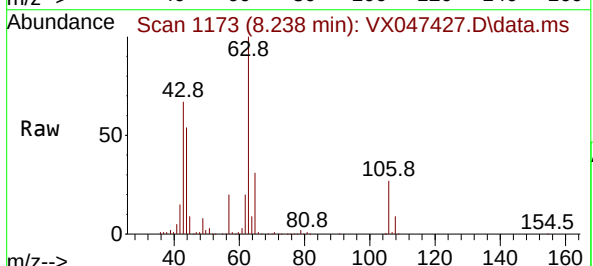
Acq: 20 Aug 2025 09:25

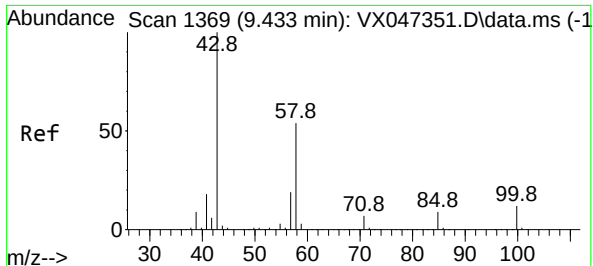
Tgt Ion: 63 Resp: 484861

Ion Ratio Lower Upper

63 100

106 27.9 22.8 34.2





#59

2-Hexanone

Concen: 270.640 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

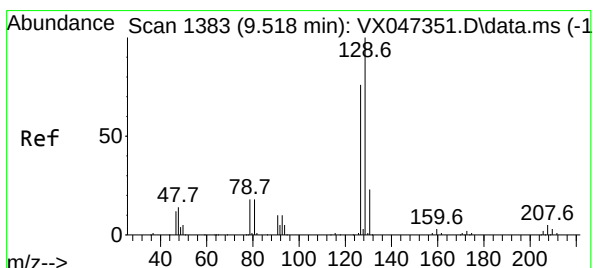
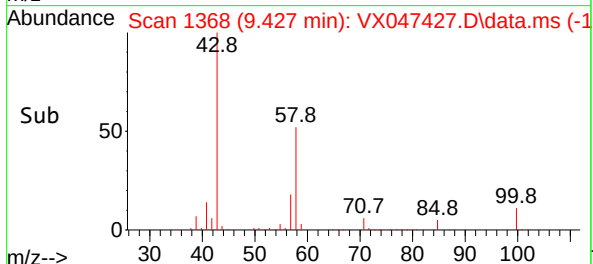
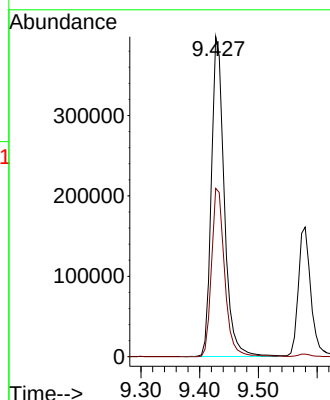
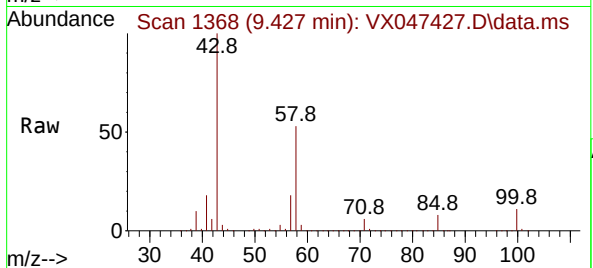
VSTDCCC050

Tgt Ion: 43 Resp: 608467

Ion Ratio Lower Upper

43 100

58 53.5 26.9 80.7



#60

Dibromochloromethane

Concen: 50.268 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047427.D

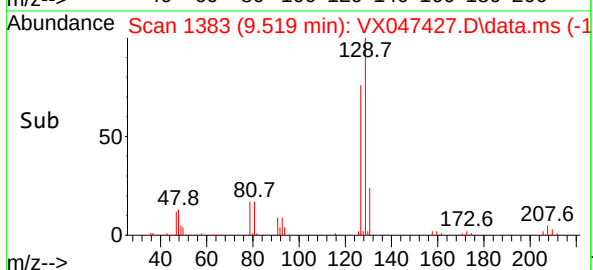
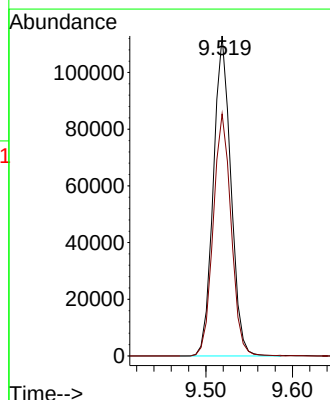
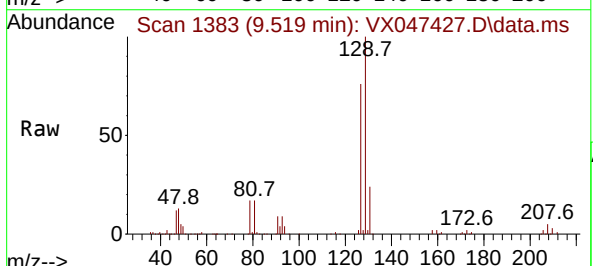
Acq: 20 Aug 2025 09:25

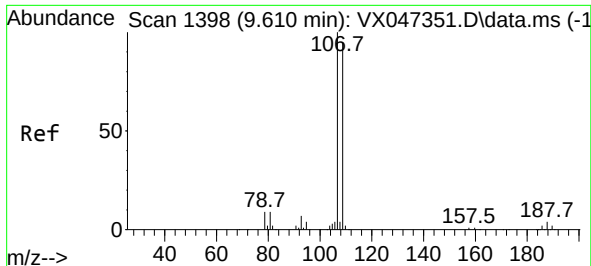
Tgt Ion:129 Resp: 158872

Ion Ratio Lower Upper

129 100

127 77.2 38.9 116.6

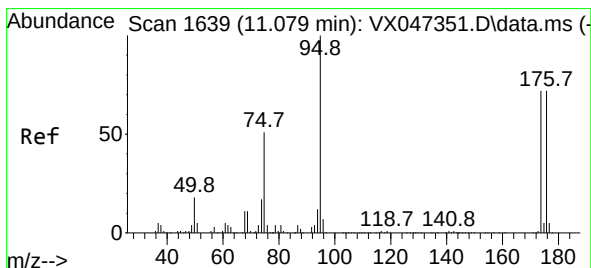
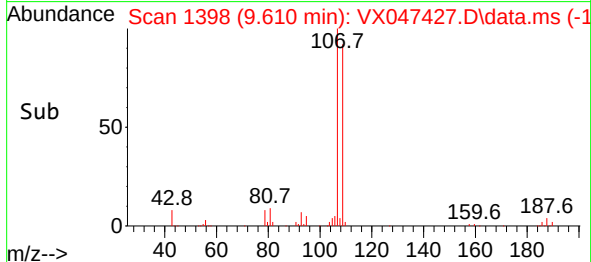
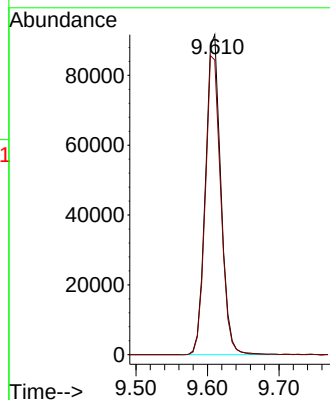
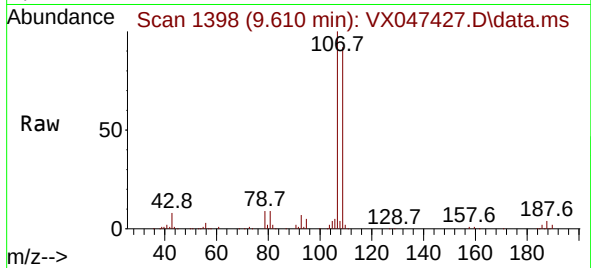




#61
1,2-Dibromoethane
Concen: 49.876 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

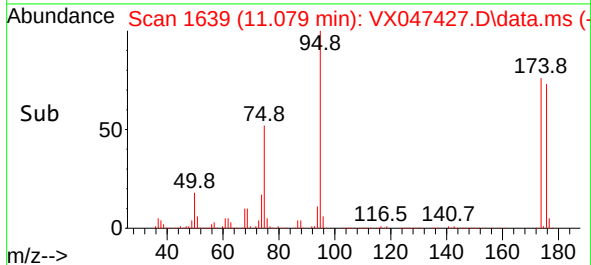
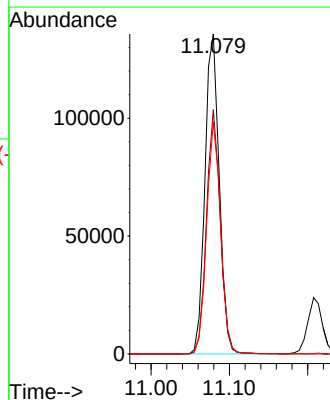
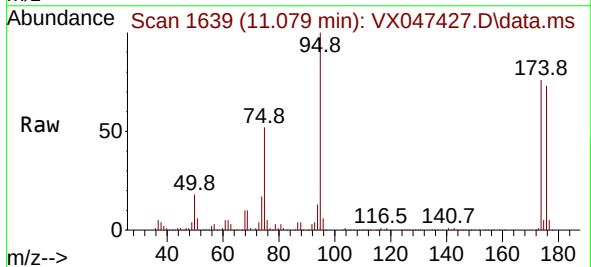
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

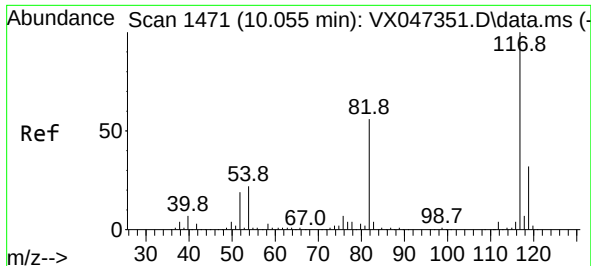
Tgt Ion:107 Resp: 136781
Ion Ratio Lower Upper
107 100
109 93.9 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 54.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 95 Resp: 171750
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 70.6 0.0 145.4

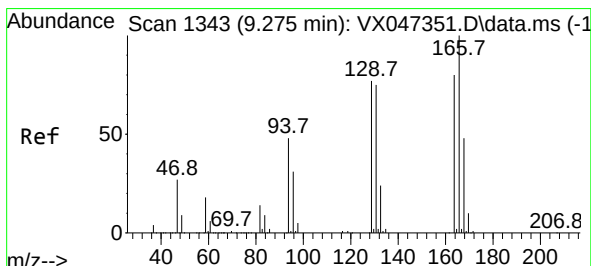
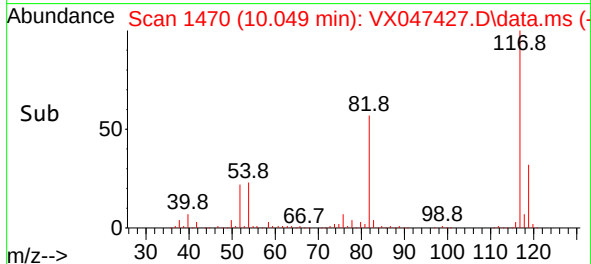
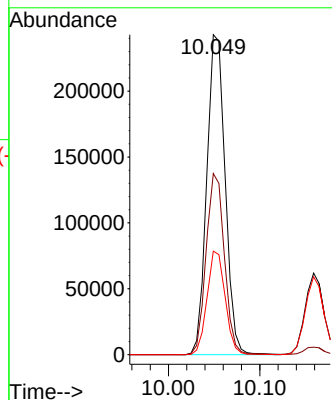
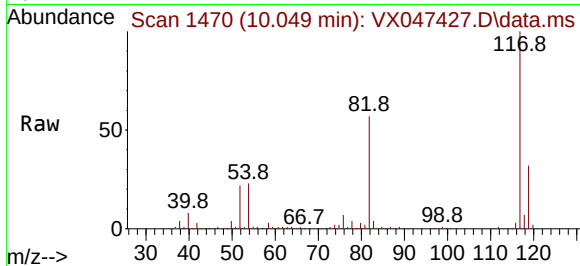




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

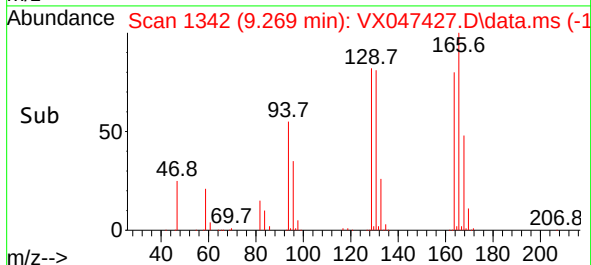
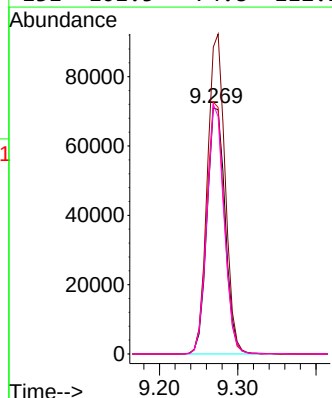
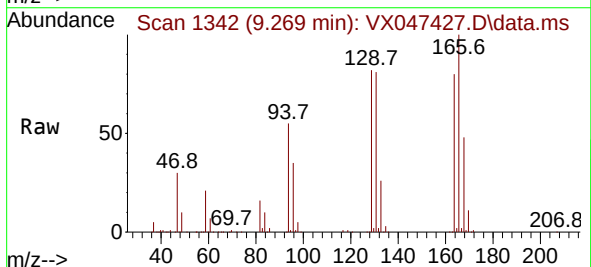
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

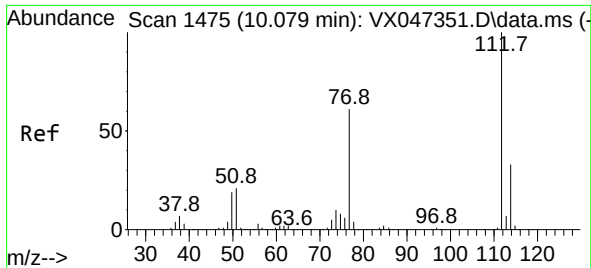
Tgt Ion:117 Resp: 338607
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 46.376 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion:164 Resp: 113583
Ion Ratio Lower Upper
164 100
166 124.8 100.3 150.5
129 102.5 77.7 116.5
131 101.5 74.8 112.2

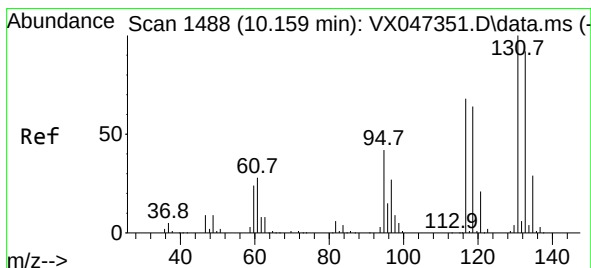
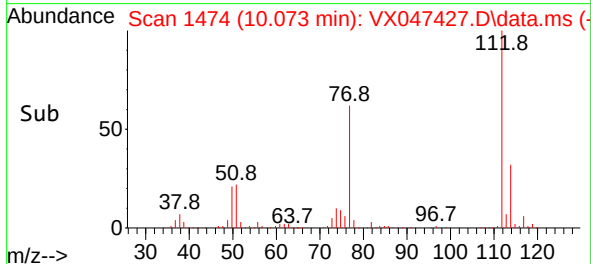
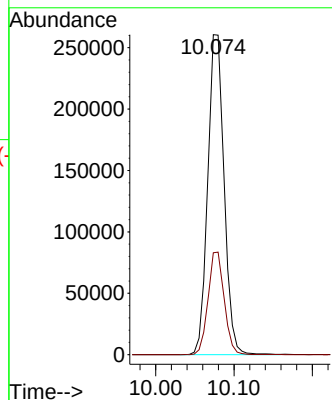
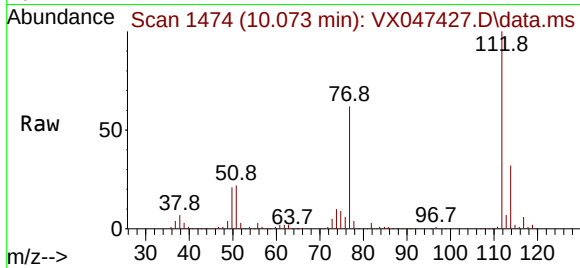




#65
Chlorobenzene
Concen: 46.849 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

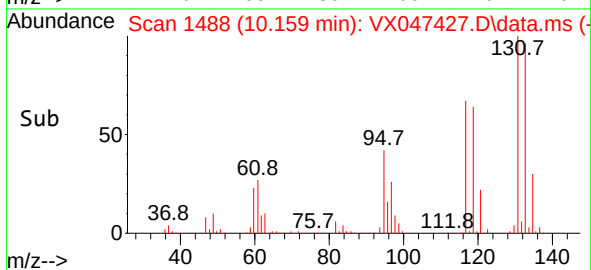
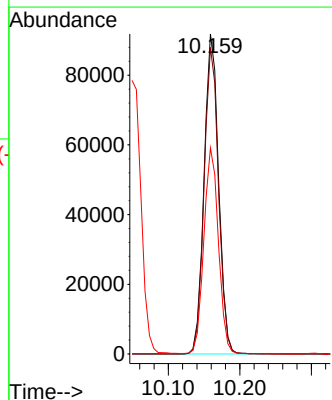
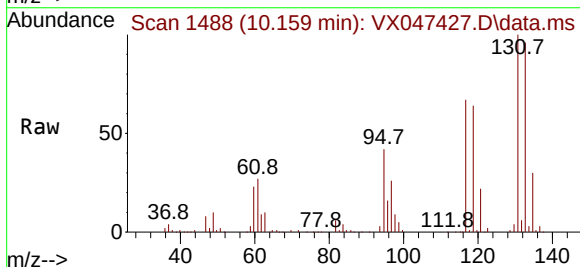
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

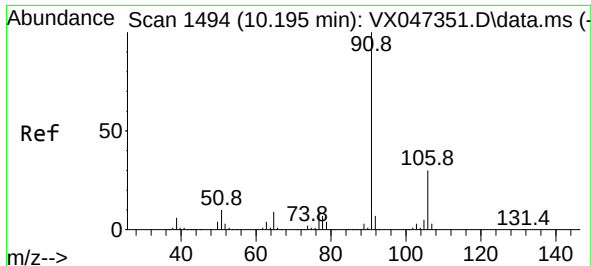
Tgt Ion:112 Resp: 376977
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.629 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion:131 Resp: 129555
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 64.6 32.3 96.8





#67

Ethyl Benzene

Concen: 47.382 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

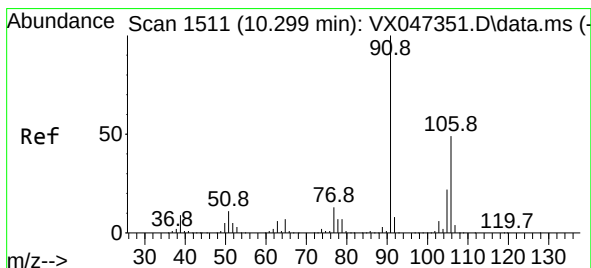
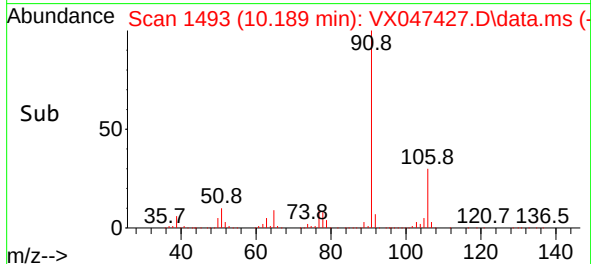
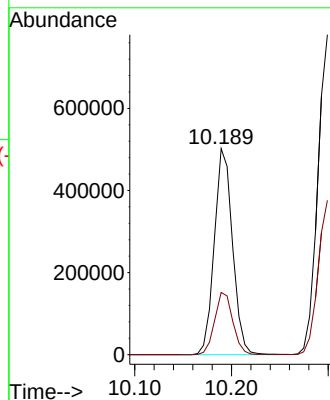
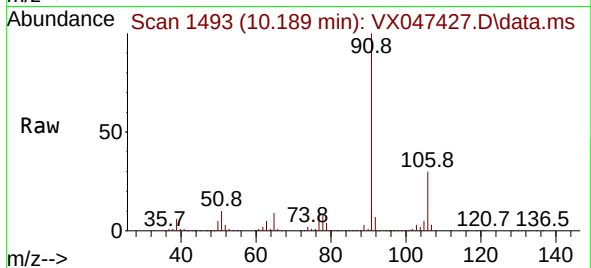
VSTDCCC050

Tgt Ion: 91 Resp: 656208

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 96.706 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047427.D

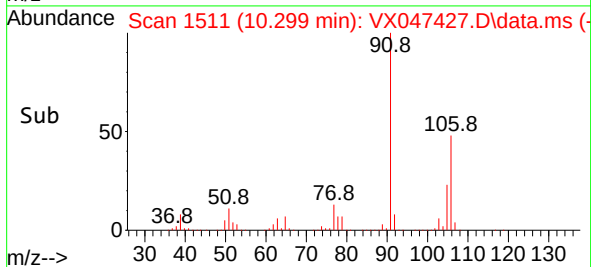
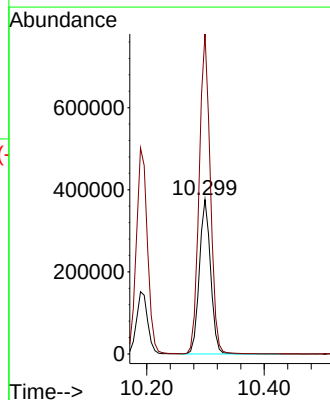
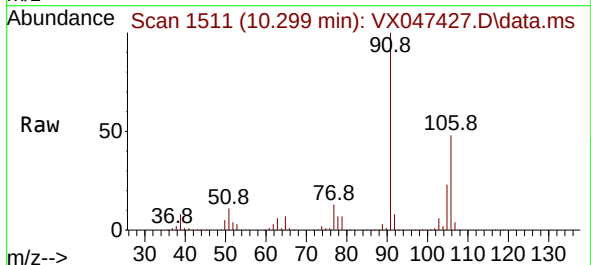
Acq: 20 Aug 2025 09:25

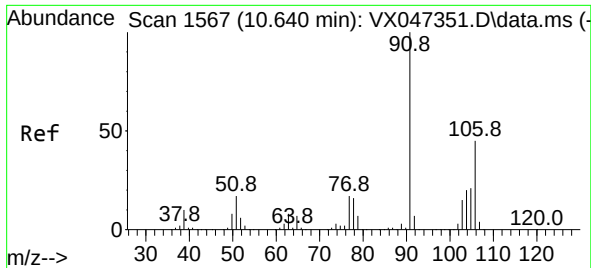
Tgt Ion:106 Resp: 499398

Ion Ratio Lower Upper

106 100

91 205.6 164.7 247.1

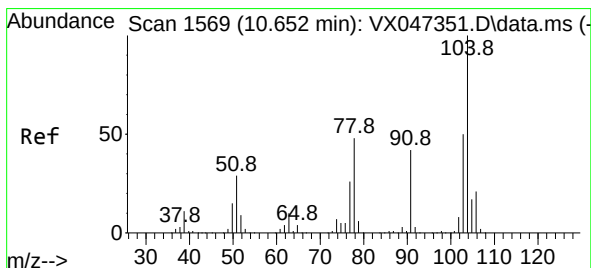
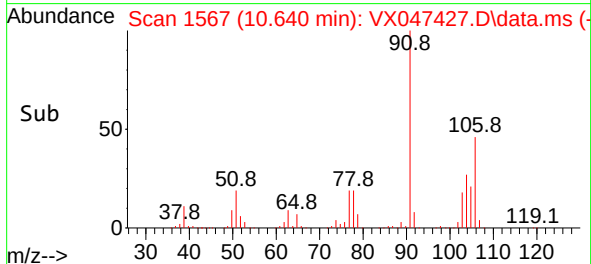
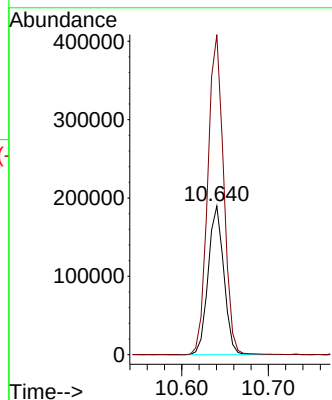
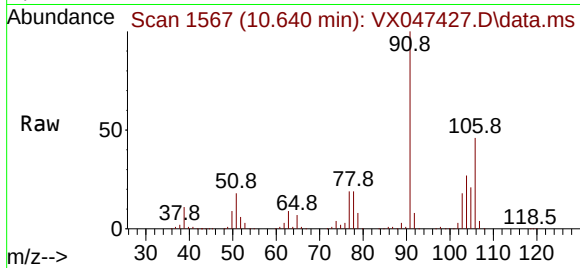




#69
o-Xylene
Concen: 47.927 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

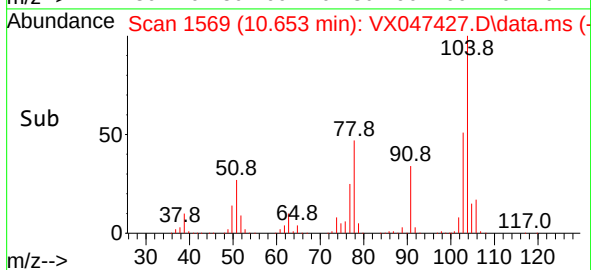
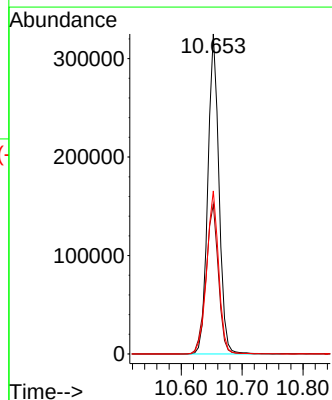
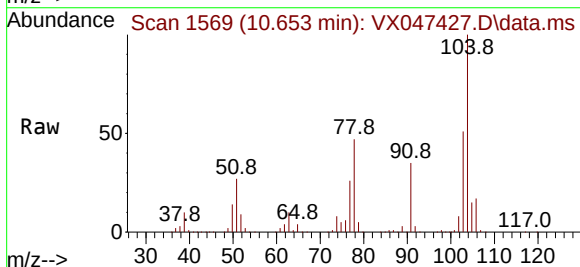
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

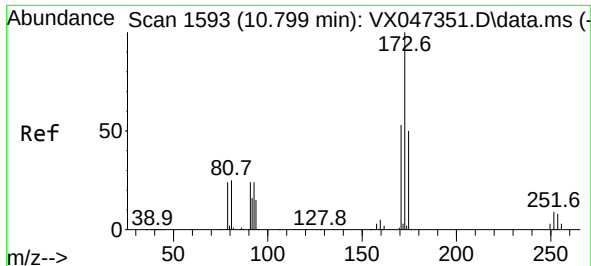
Tgt Ion:106 Resp: 238178
Ion Ratio Lower Upper
106 100
91 218.4 110.6 331.8



#70
Styrene
Concen: 49.091 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion:104 Resp: 412220
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.7 43.6 65.4

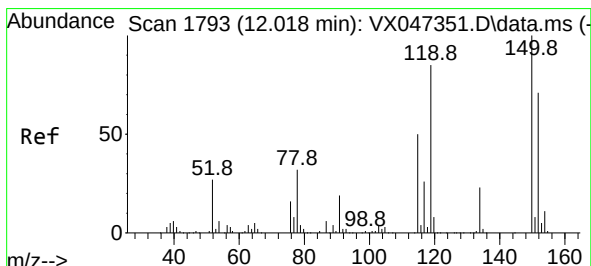
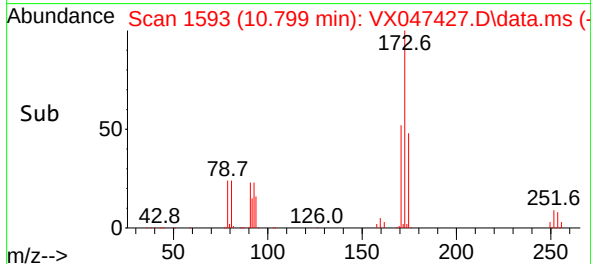
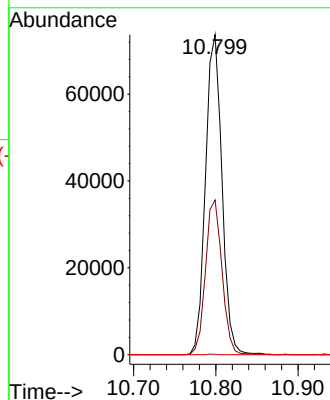
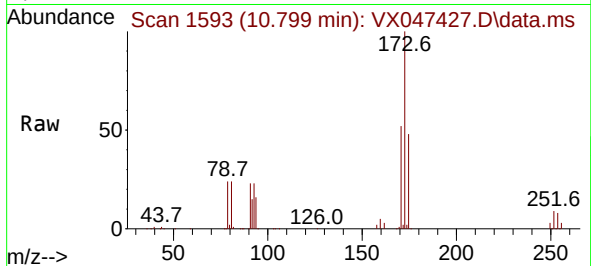




#71
Bromoform
Concen: 50.173 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

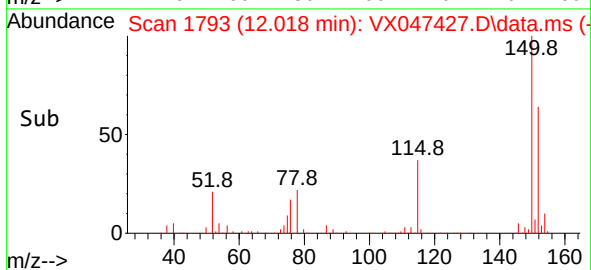
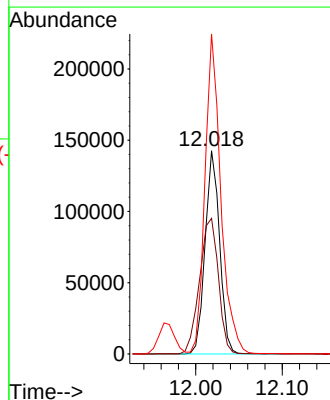
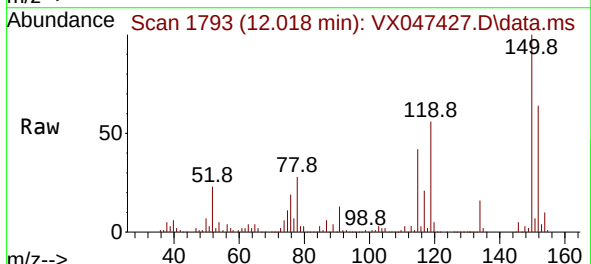
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

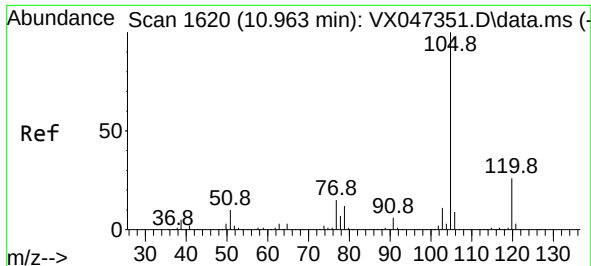
Tgt Ion:173 Resp: 102529
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion:152 Resp: 165668
Ion Ratio Lower Upper
152 100
115 87.0 44.6 133.8
150 173.1 0.0 349.8

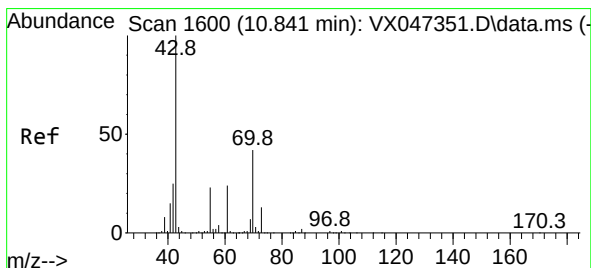
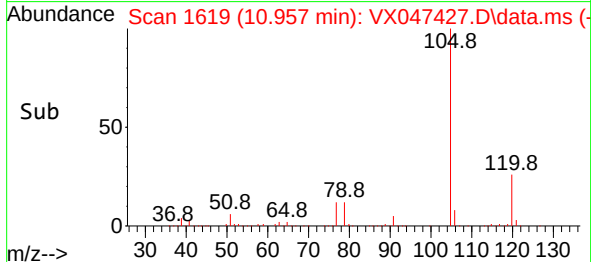
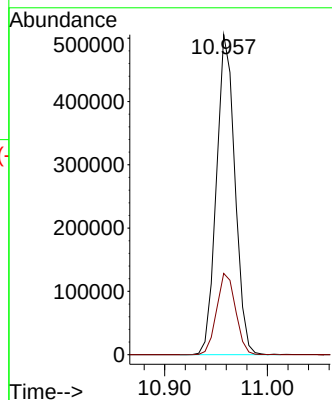
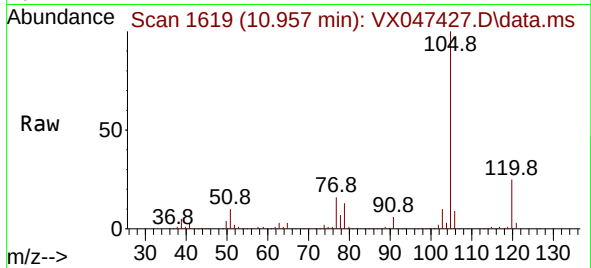




#73
Isopropylbenzene
Concen: 48.683 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

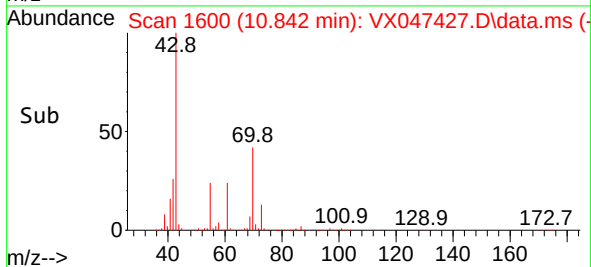
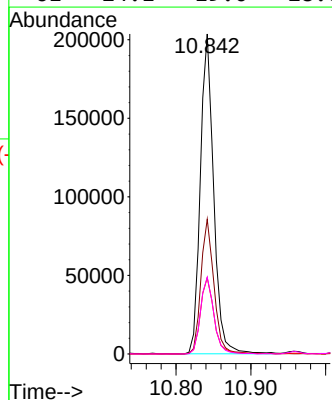
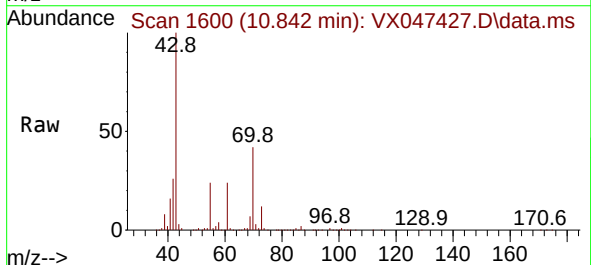
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

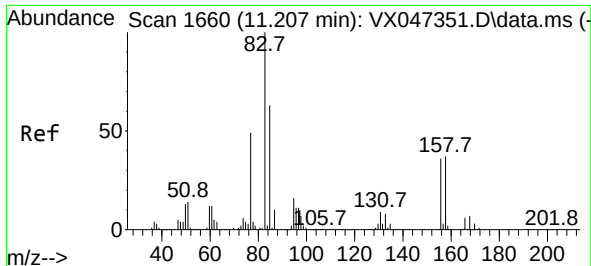
Tgt Ion:105 Resp: 631147
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 51.206 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 43 Resp: 252091
Ion Ratio Lower Upper
43 100
70 41.6 33.1 49.7
55 24.4 19.0 28.6
61 24.1 19.0 28.6

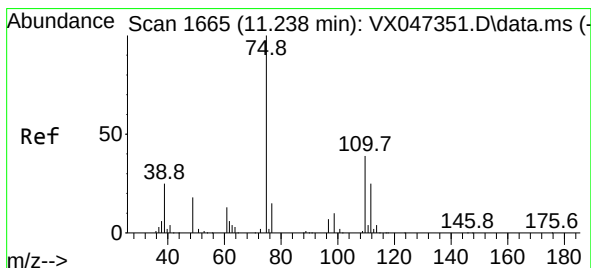
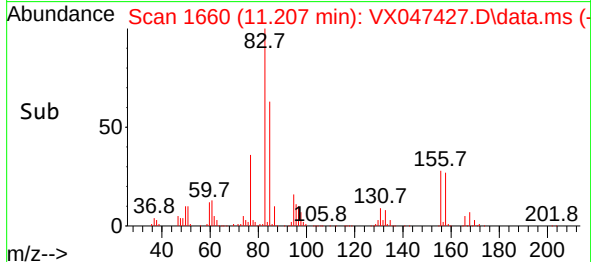
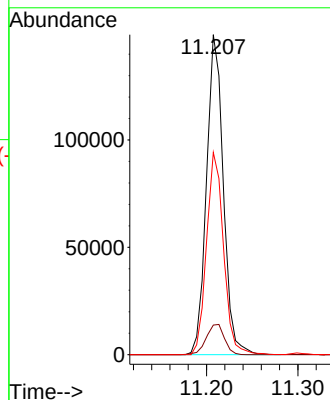
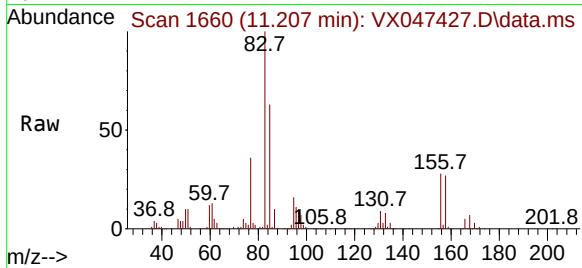




#75
1,1,2,2-Tetrachloroethane
Concen: 49.970 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

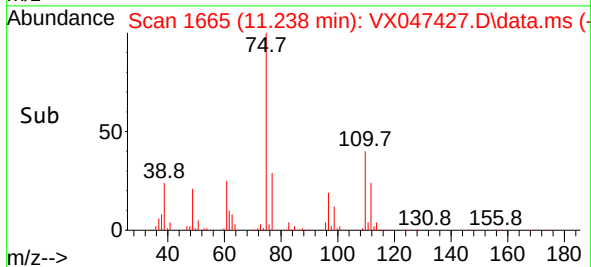
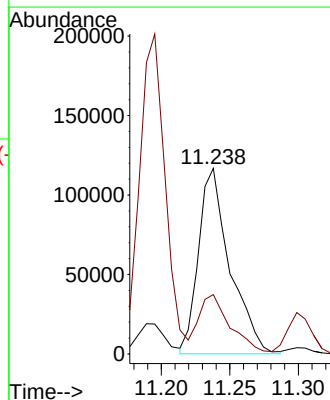
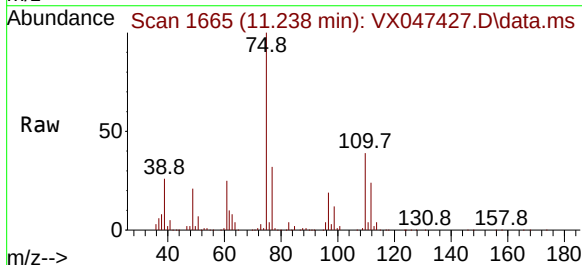
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

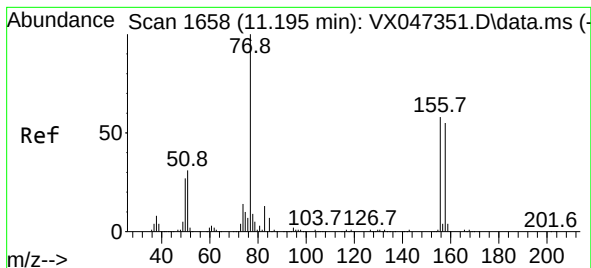
Tgt Ion: 83 Resp: 190203
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.9 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 61.294 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 75 Resp: 186243
Ion Ratio Lower Upper
75 100
77 32.0 19.4 58.2





#77

Bromobenzene

Concen: 47.888 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

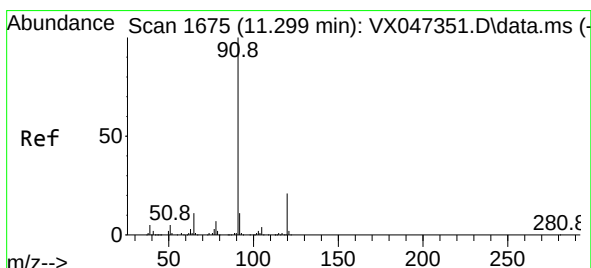
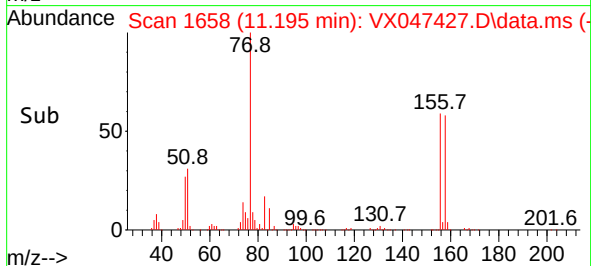
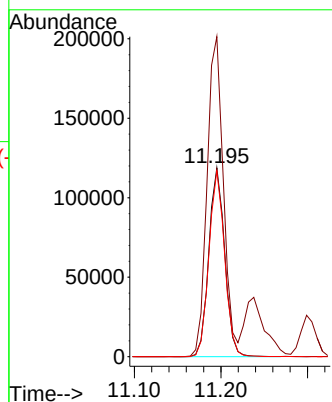
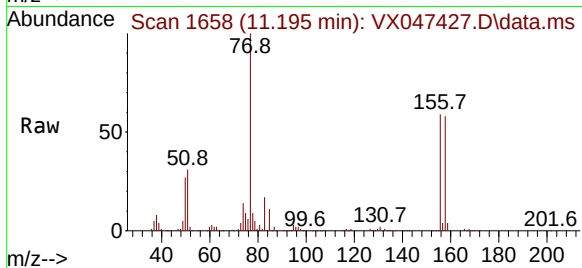
Tgt Ion:156 Resp: 151602

Ion Ratio Lower Upper

156 100

77 173.8 86.3 258.9

158 97.3 48.0 144.2



#78

n-propylbenzene

Concen: 48.618 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX047427.D

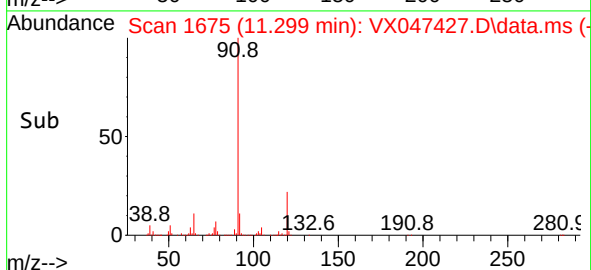
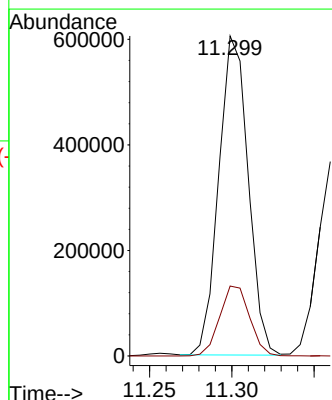
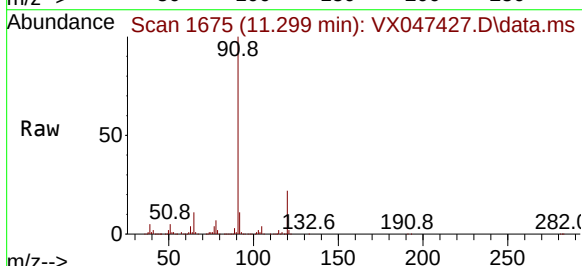
Acq: 20 Aug 2025 09:25

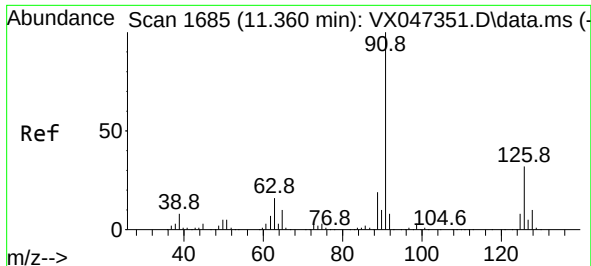
Tgt Ion: 91 Resp: 752772

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 47.399 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

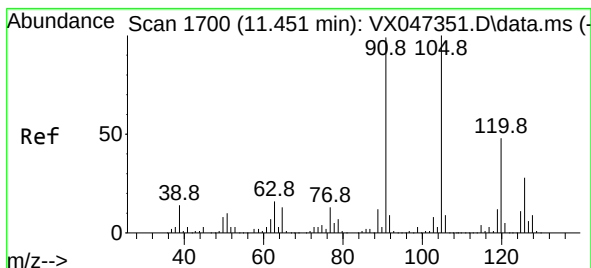
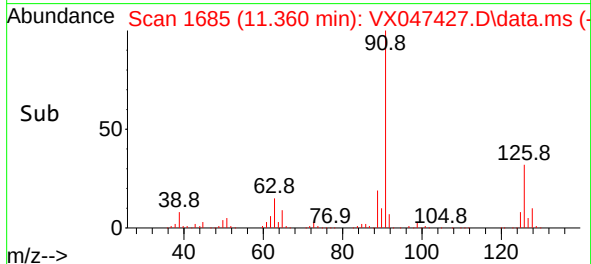
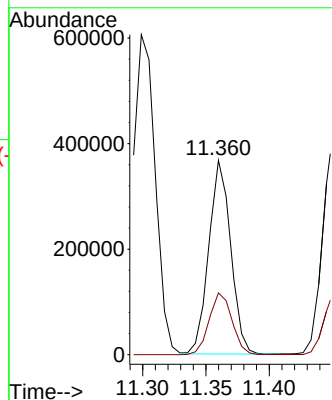
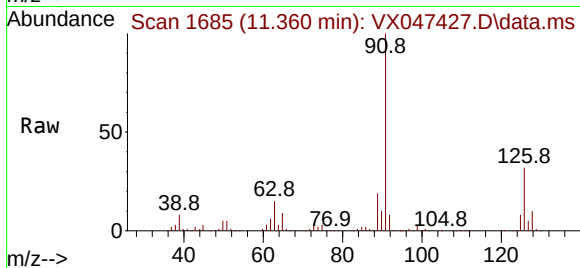
VSTDCCC050

Tgt Ion: 91 Resp: 443648

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 48.420 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047427.D

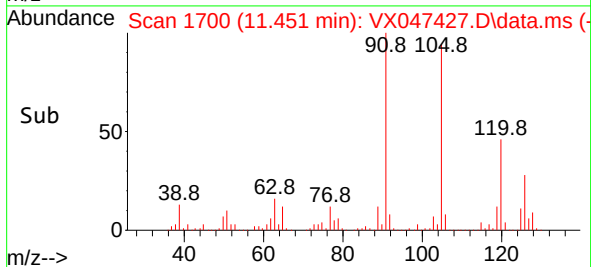
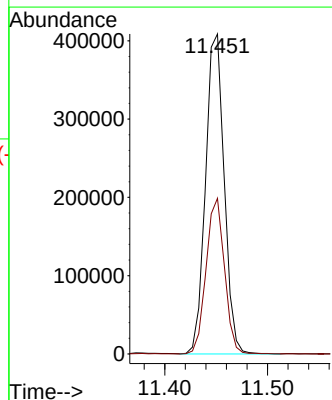
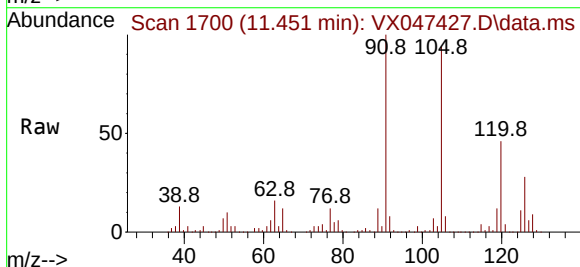
Acq: 20 Aug 2025 09:25

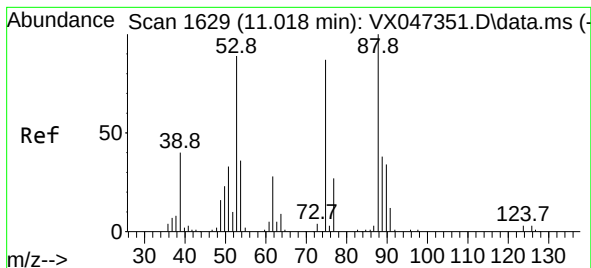
Tgt Ion: 105 Resp: 516490

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

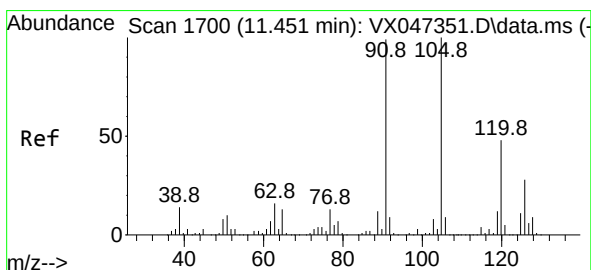
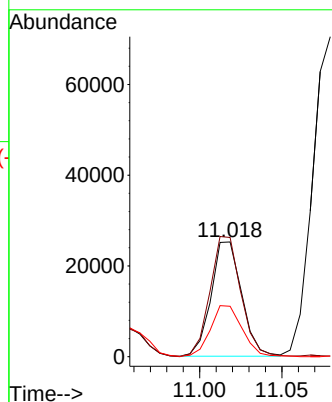
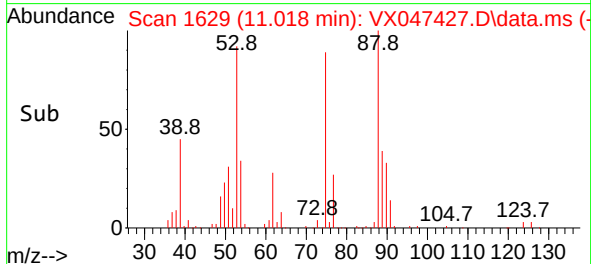
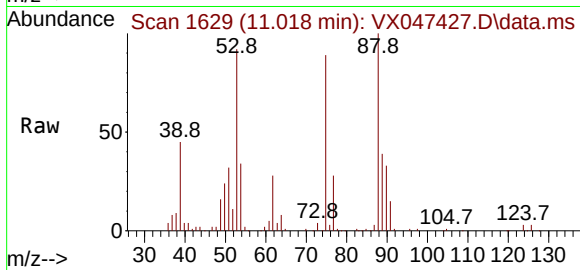




#81
trans-1,4-Dichloro-2-butene
Concen: 47.211 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

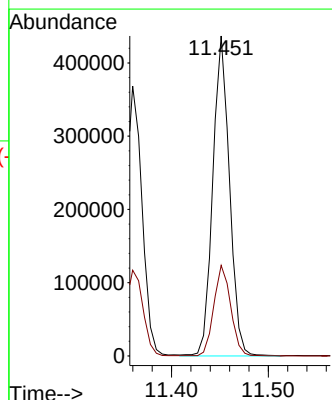
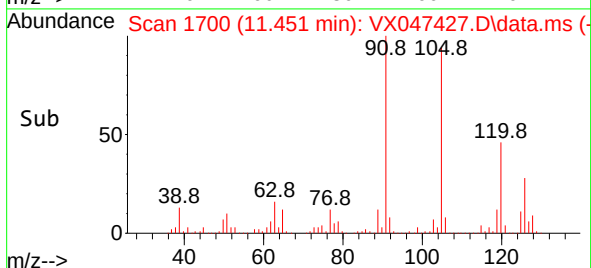
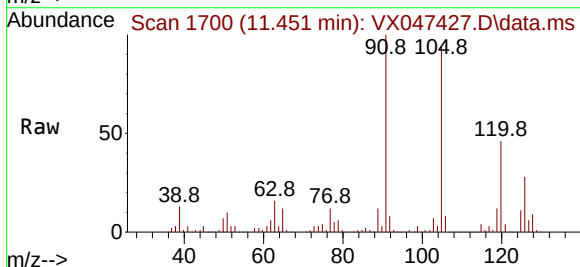
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

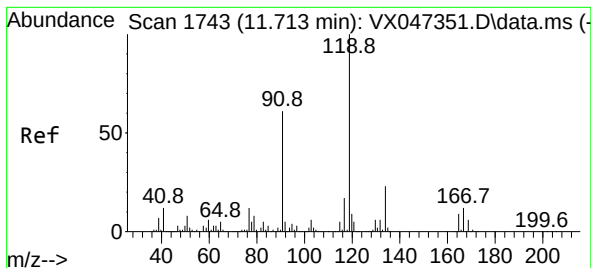
Tgt Ion: 75 Resp: 32638
Ion Ratio Lower Upper
75 100
53 106.1 85.2 127.8
89 46.5 36.7 55.1



#82
4-Chlorotoluene
Concen: 47.507 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047427.D
Acq: 20 Aug 2025 09:25

Tgt Ion: 91 Resp: 524154
Ion Ratio Lower Upper
91 100
126 28.6 14.4 43.0





#83

tert-Butylbenzene

Concen: 49.413 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

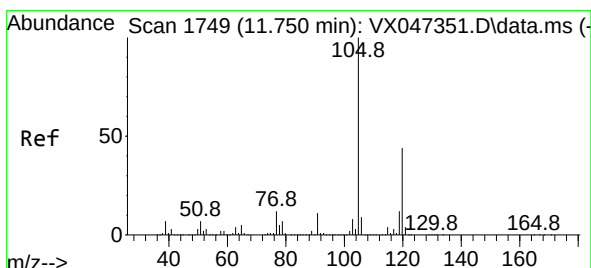
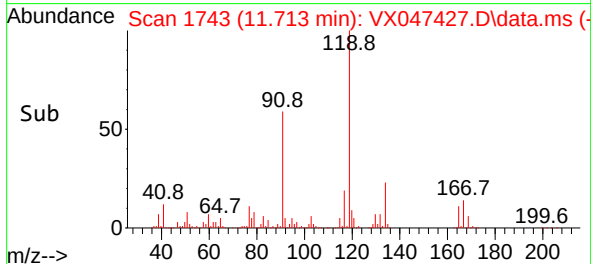
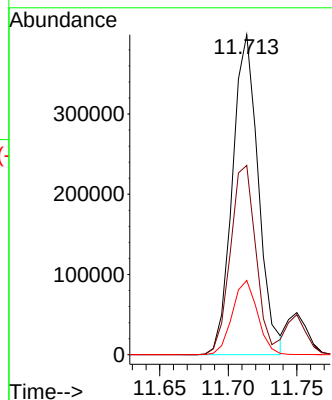
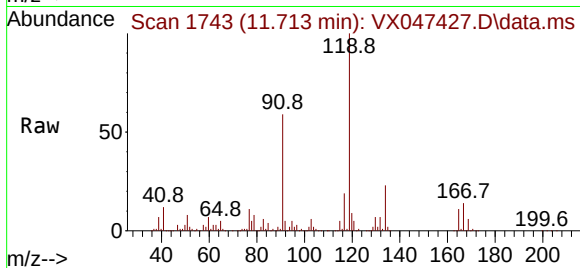
Tgt Ion:119 Resp: 525854

Ion Ratio Lower Upper

119 100

91 57.9 29.1 87.4

134 22.6 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 48.900 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047427.D

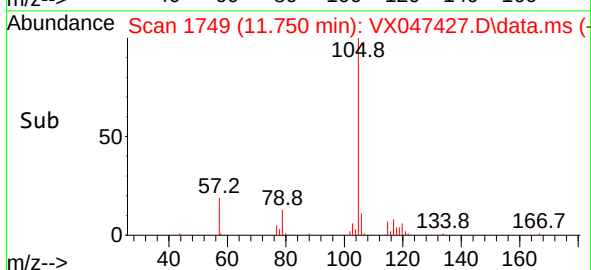
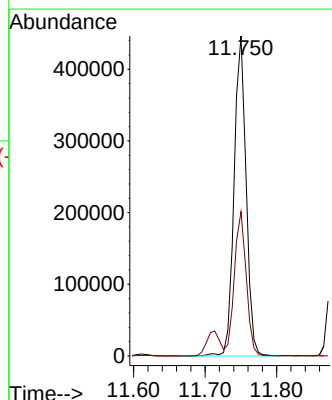
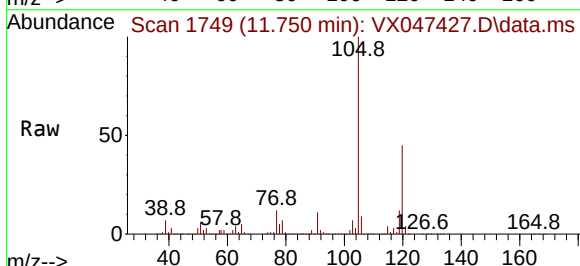
Acq: 20 Aug 2025 09:25

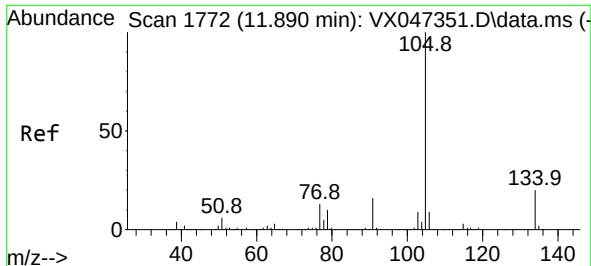
Tgt Ion:105 Resp: 521624

Ion Ratio Lower Upper

105 100

120 44.7 21.9 65.7

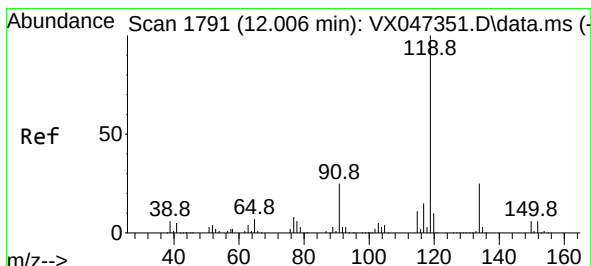
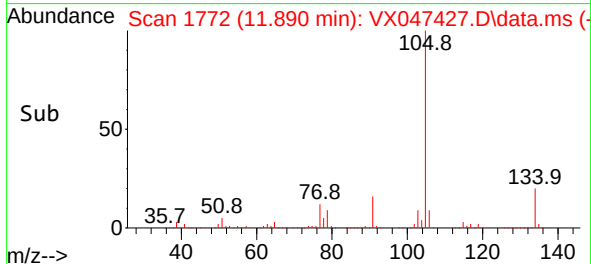
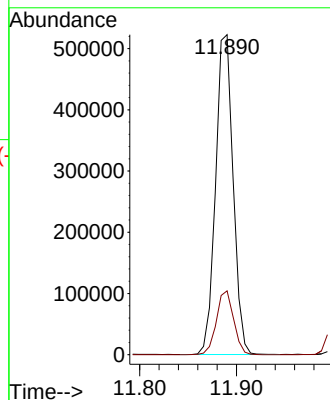
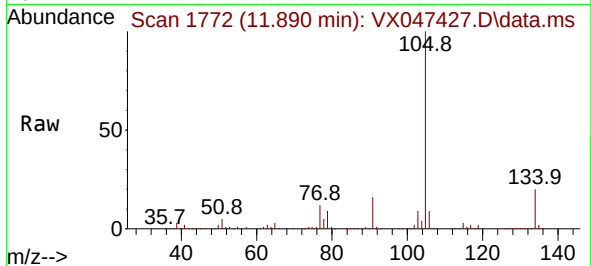




#85
 sec-Butylbenzene
 Concen: 49.771 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

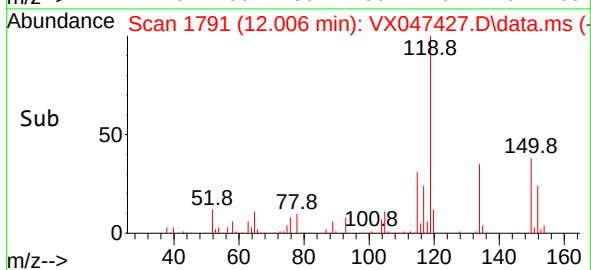
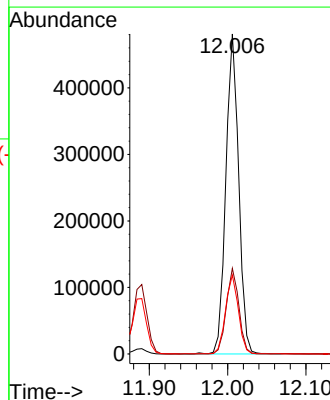
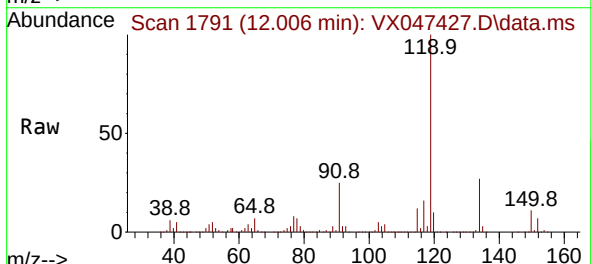
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

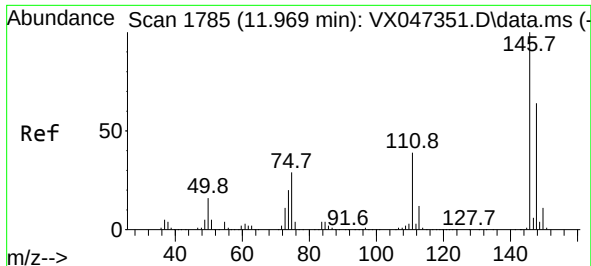
Tgt Ion:105 Resp: 656494
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 49.153 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

Tgt Ion:119 Resp: 548635
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.4
 91 24.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.198 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

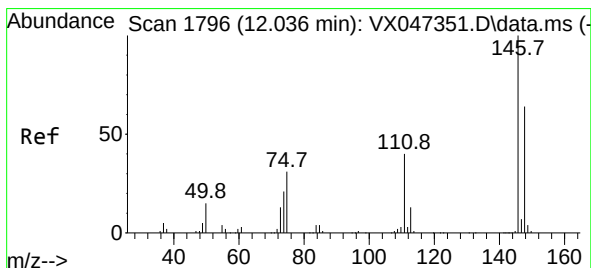
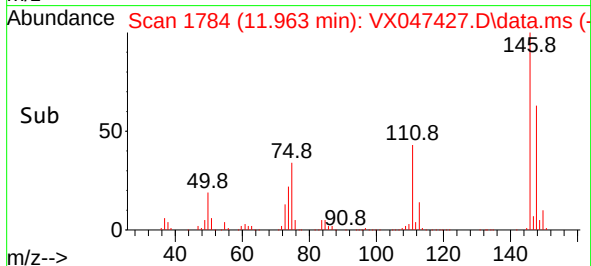
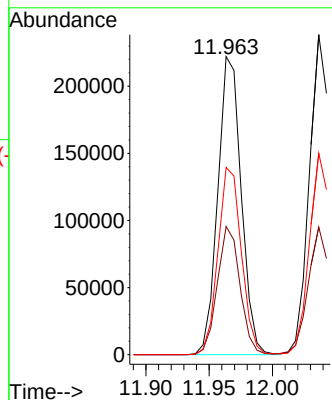
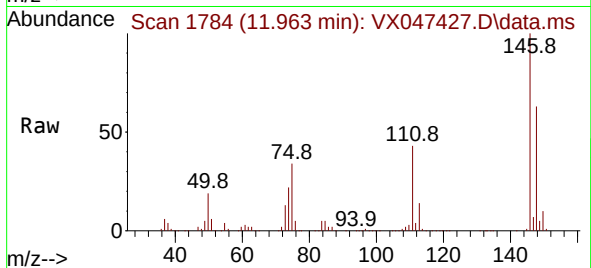
Tgt Ion:146 Resp: 285444

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.327 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

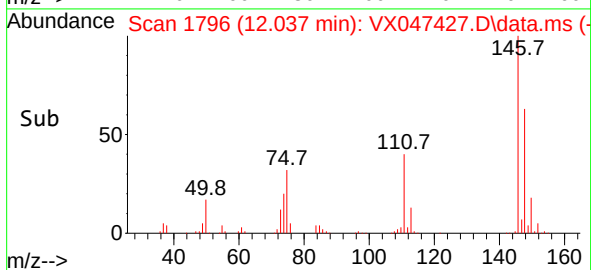
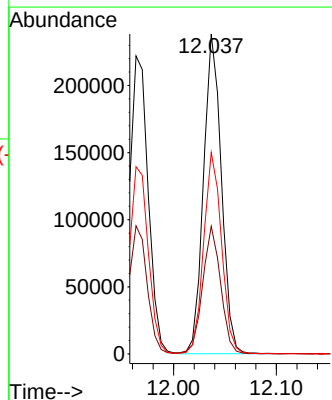
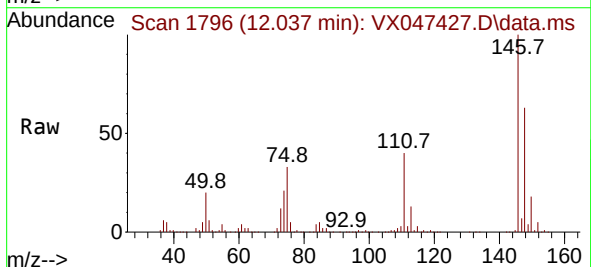
Tgt Ion:146 Resp: 288167

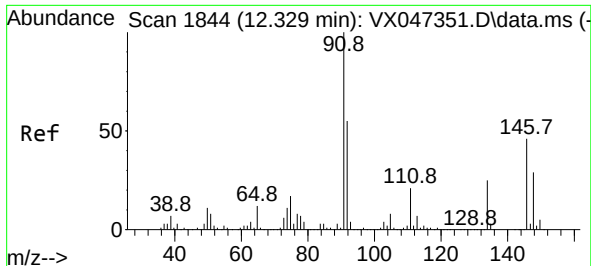
Ion Ratio Lower Upper

146 100

111 40.4 20.4 61.2

148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 50.180 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

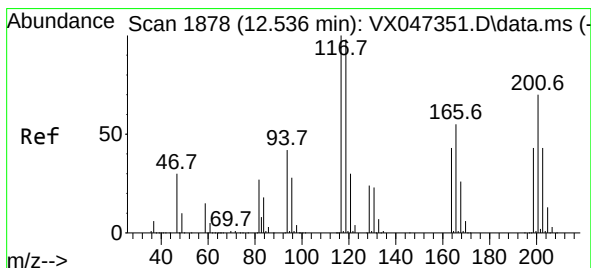
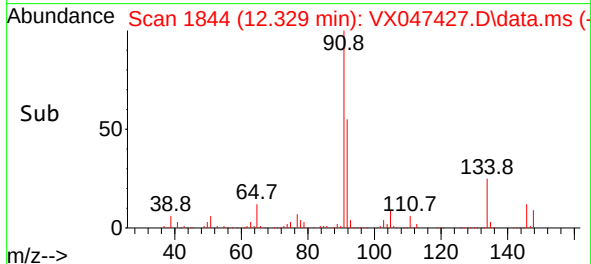
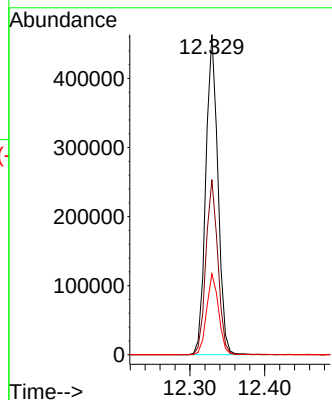
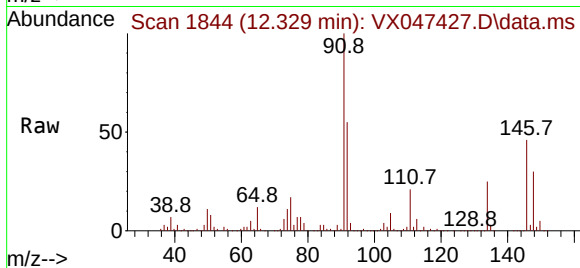
Tgt Ion: 91 Resp: 520953

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.5

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 49.346 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047427.D

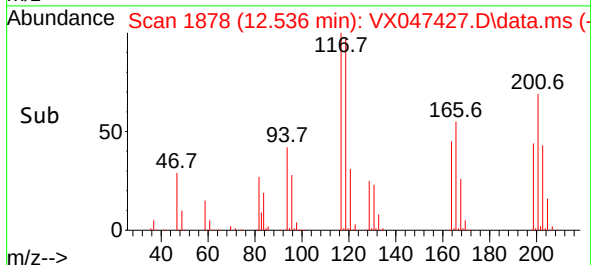
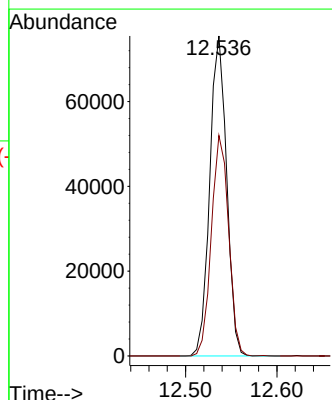
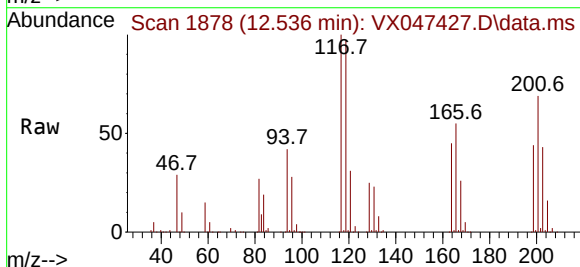
Acq: 20 Aug 2025 09:25

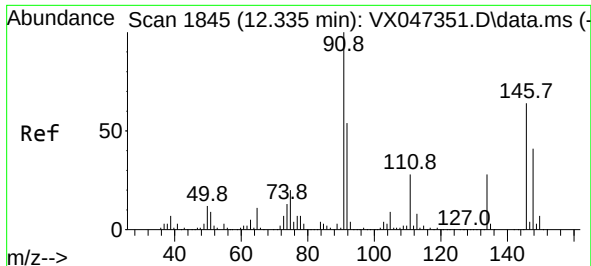
Tgt Ion: 117 Resp: 96627

Ion Ratio Lower Upper

117 100

201 70.5 35.1 105.3

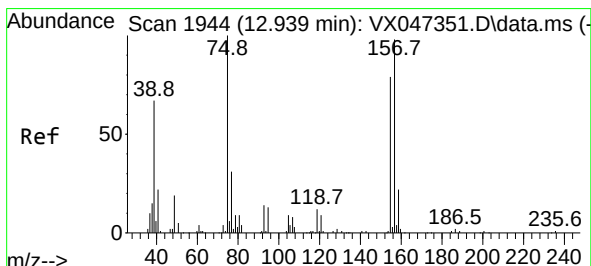
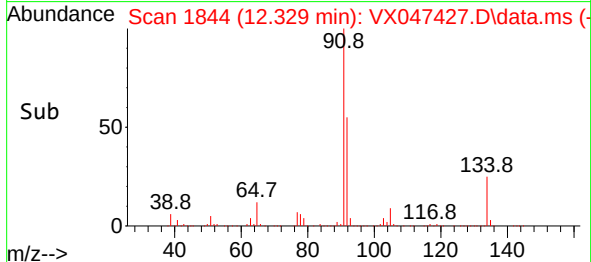
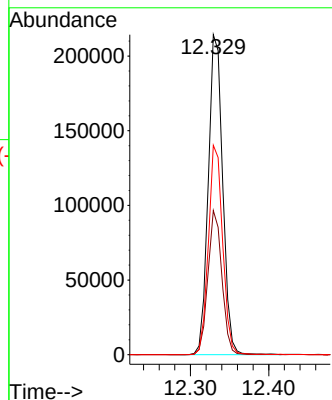
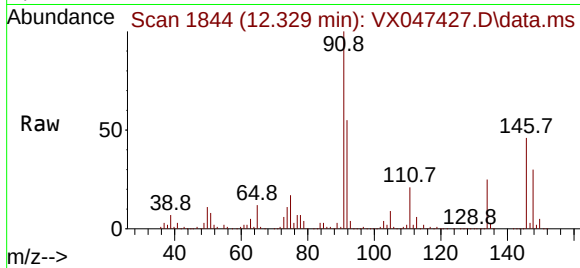




#91
 1,2-Dichlorobenzene
 Concen: 47.527 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

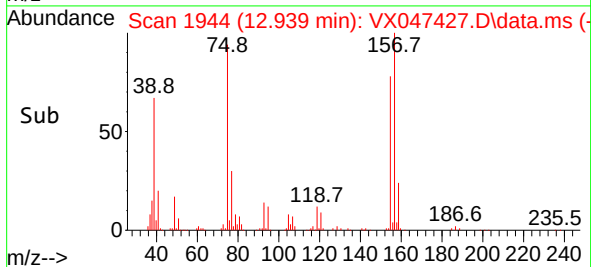
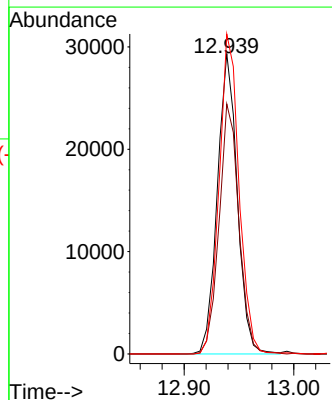
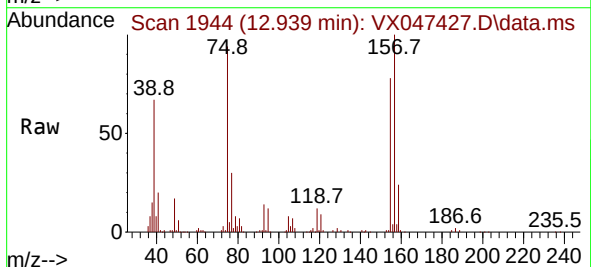
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

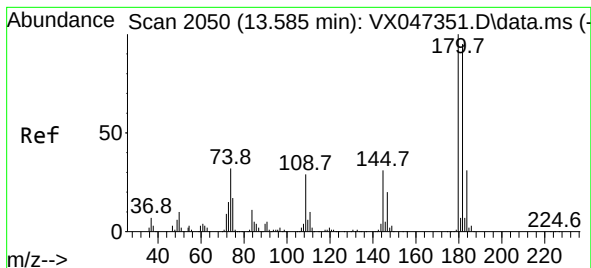
Tgt Ion:146 Resp: 272826
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.361 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX047427.D
 Acq: 20 Aug 2025 09:25

Tgt Ion: 75 Resp: 37072
 Ion Ratio Lower Upper
 75 100
 155 82.9 41.3 123.7
 157 107.1 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 48.275 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

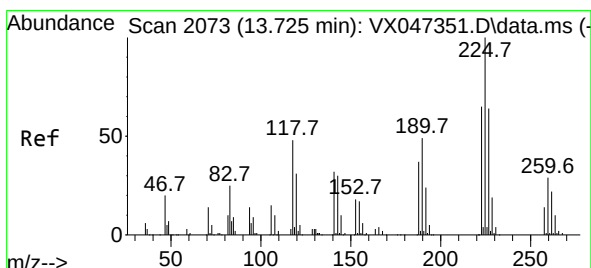
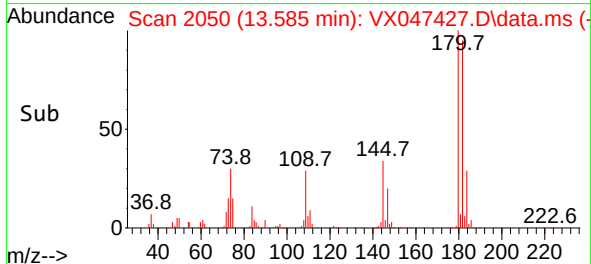
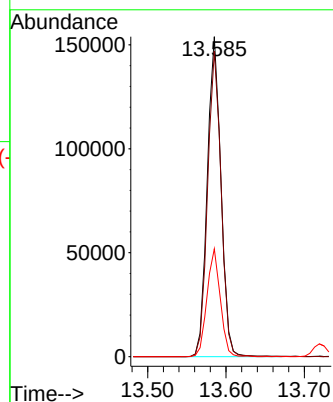
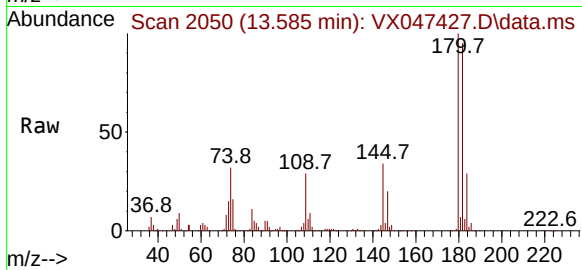
Tgt Ion:180 Resp: 185776

Ion Ratio Lower Upper

180 100

182 94.3 48.1 144.4

145 32.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 51.627 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

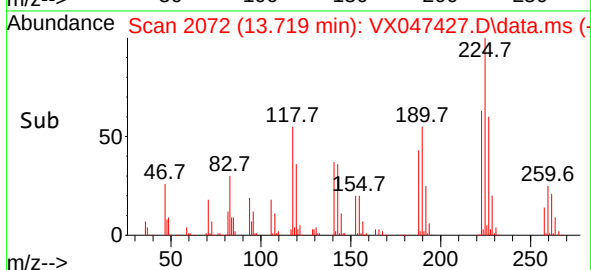
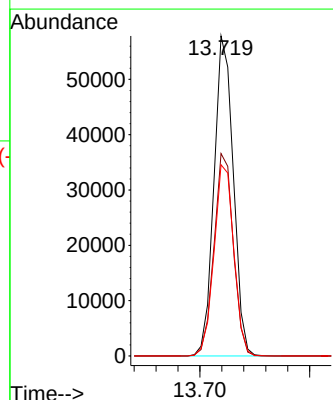
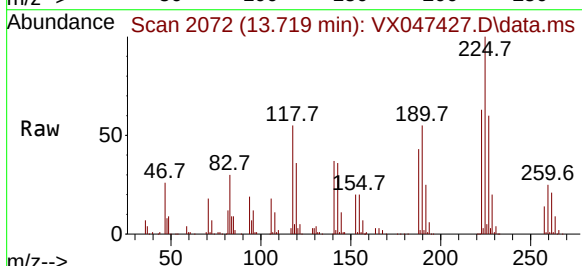
Tgt Ion:225 Resp: 70719

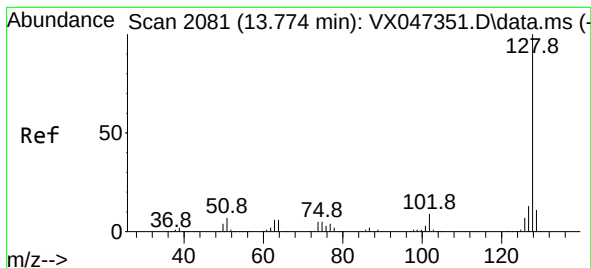
Ion Ratio Lower Upper

225 100

223 63.5 32.2 96.6

227 61.4 31.6 95.0





#95

Naphthalene

Concen: 51.423 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

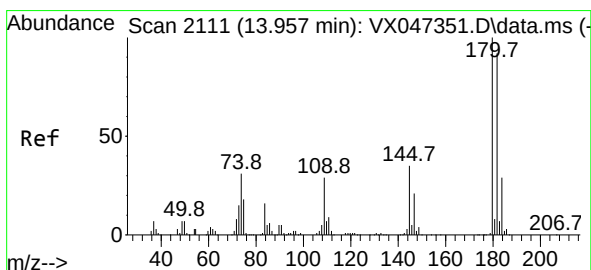
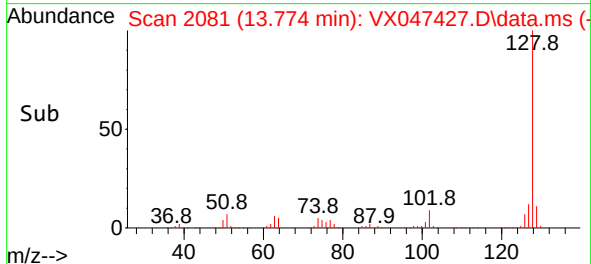
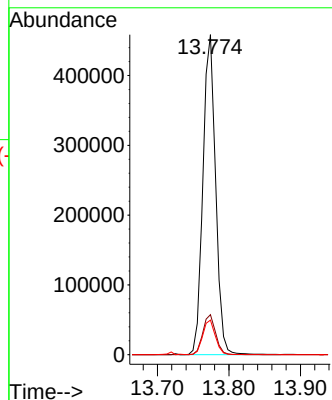
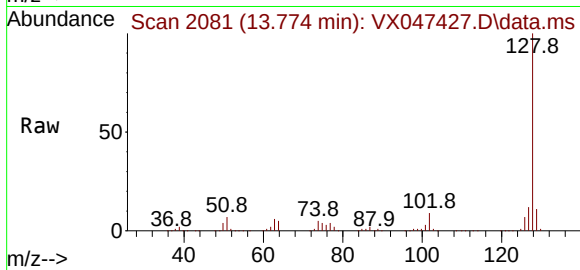
Tgt Ion:128 Resp: 565526

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.632 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047427.D

Acq: 20 Aug 2025 09:25

Tgt Ion:180 Resp: 176412

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.2

145 34.9 17.4 52.2

