

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047352.D
 Acq On : 15 Aug 2025 10:43
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 02:54:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 02:51:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	230991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	391443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	163776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	345087	106.746	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	213.500%#	
35) Dibromofluoromethane	5.397	113	276832	108.967	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	217.940%#	
50) Toluene-d8	8.653	98	975414	107.419	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	214.840%#	
62) 4-Bromofluorobenzene	11.079	95	353668	105.546	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	211.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	309782	105.204	ug/l	99
3) Chloromethane	1.313	50	261885	98.864	ug/l	96
4) Vinyl Chloride	1.392	62	336909	101.331	ug/l	97
5) Bromomethane	1.624	94	142644	106.217	ug/l	96
6) Chloroethane	1.703	64	189413	93.112	ug/l	98
7) Trichlorofluoromethane	1.904	101	489572	99.548	ug/l	99
8) Diethyl Ether	2.148	74	171145	98.832	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	288420	101.101	ug/l	99
10) Methyl Iodide	2.471	142	545687	111.619	ug/l	98
11) Tert butyl alcohol	2.971	59	143673	510.865	ug/l	99
12) 1,1-Dichloroethene	2.337	96	293450	100.899	ug/l	99
13) Acrolein	2.252	56	294322	495.763	ug/l	100
14) Allyl chloride	2.678	41	512225	101.402	ug/l	99
15) Acrylonitrile	3.081	53	691797	509.058	ug/l	100
16) Acetone	2.392	43	554774	456.549	ug/l	98
17) Carbon Disulfide	2.532	76	840388	95.757	ug/l	100
18) Methyl Acetate	2.715	43	318444	101.128	ug/l	100
19) Methyl tert-butyl Ether	3.129	73	906301	102.433	ug/l	98
20) Methylene Chloride	2.806	84	309183	96.088	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	302669	98.051	ug/l	99
22) Diisopropyl ether	3.776	45	1007141	100.865	ug/l	99
23) Vinyl Acetate	3.733	43	4206762	514.008	ug/l	99
24) 1,1-Dichloroethane	3.623	63	558936	99.034	ug/l	99
25) 2-Butanone	4.568	43	789816	496.288	ug/l	98
26) 2,2-Dichloropropane	4.489	77	434139	101.916	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	355238	98.806	ug/l	99
28) Bromochloromethane	4.910	49	258648	110.131	ug/l	99
29) Tetrahydrofuran	5.019	42	505709	491.640	ug/l	98
30) Chloroform	5.105	83	560984	97.394	ug/l	100
31) Cyclohexane	5.489	56	499975	96.100	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	499294	100.709	ug/l	99
36) 1,1-Dichloropropene	5.702	75	398144	99.278	ug/l	100
37) Ethyl Acetate	4.727	43	413279	99.265	ug/l	99
38) Carbon Tetrachloride	5.690	117	430061	98.132	ug/l	99
39) Methylcyclohexane	7.385	83	500907	100.134	ug/l	97
40) Benzene	6.050	78	1186760	98.866	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	191678	109.177	ug/l	95
42) 1,2-Dichloroethane	6.098	62	416430	97.940	ug/l	99
43) Isopropyl Acetate	6.348	43	624423	104.400	ug/l	100
44) Trichloroethene	7.135	130	304976	99.224	ug/l	98
45) 1,2-Dichloropropane	7.434	63	298616	99.300	ug/l	97
46) Dibromomethane	7.586	93	214069	98.052	ug/l	99
47) Bromodichloromethane	7.824	83	452578	99.995	ug/l	100
48) Methyl methacrylate	7.696	41	322487	103.875	ug/l	99
49) 1,4-Dioxane	7.684	88	61142	2073.830	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1766006	513.097	ug/l	99
52) Toluene	8.720	92	733119	98.837	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	423279	107.156	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	463640	103.698	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	275607	97.863	ug/l	98
56) Ethyl methacrylate	9.116	69	440765	106.154	ug/l	100
57) 1,3-Dichloropropane	9.311	76	469804	97.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1000312	496.016	ug/l	99
59) 2-Hexanone	9.433	43	1215128	510.384	ug/l	100
60) Dibromochloromethane	9.519	129	333420	99.621	ug/l	100
61) 1,2-Dibromoethane	9.610	107	285821	98.420	ug/l	98
64) Tetrachloroethene	9.275	164	248666	99.506	ug/l	98
65) Chlorobenzene	10.079	112	803672	97.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	278595	100.380	ug/l	99
67) Ethyl Benzene	10.195	91	1424862	100.832	ug/l	99
68) m/p-Xylenes	10.299	106	1056553	200.518	ug/l	99
69) o-Xylene	10.640	106	508020	100.188	ug/l	99
70) Styrene	10.652	104	878271	102.509	ug/l	100
71) Bromoform	10.799	173	211374	101.376	ug/l	99
73) Isopropylbenzene	10.963	105	1326045	103.466	ug/l	99
74) N-amyl acetate	10.841	43	543008	111.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	374215	99.448	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	369374	122.967	ug/l	90
77) Bromobenzene	11.195	156	320460	102.397	ug/l	99
78) n-propylbenzene	11.305	91	1577819	103.081	ug/l	100
79) 2-Chlorotoluene	11.360	91	926261	100.105	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1084580	102.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	70384	93.696	ug/l	98
82) 4-Chlorotoluene	11.451	91	1080450	99.058	ug/l	99
83) tert-Butylbenzene	11.713	119	1092054	103.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1086843	103.064	ug/l	99
85) sec-Butylbenzene	11.890	105	1343222	103.010	ug/l	99
86) p-Isopropyltoluene	12.006	119	1118938	101.405	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	593233	99.223	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	585597	95.231	ug/l	99
89) n-Butylbenzene	12.329	91	1050897	102.394	ug/l	100
90) Hexachloroethane	12.536	117	202423	104.570	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	558580	98.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	77939	107.101	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	389962	102.504	ug/l	98
94) Hexachlorobutadiene	13.719	225	123286	91.042	ug/l	98
95) Naphthalene	13.774	128	1191910	109.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	370778	103.395	ug/l	99

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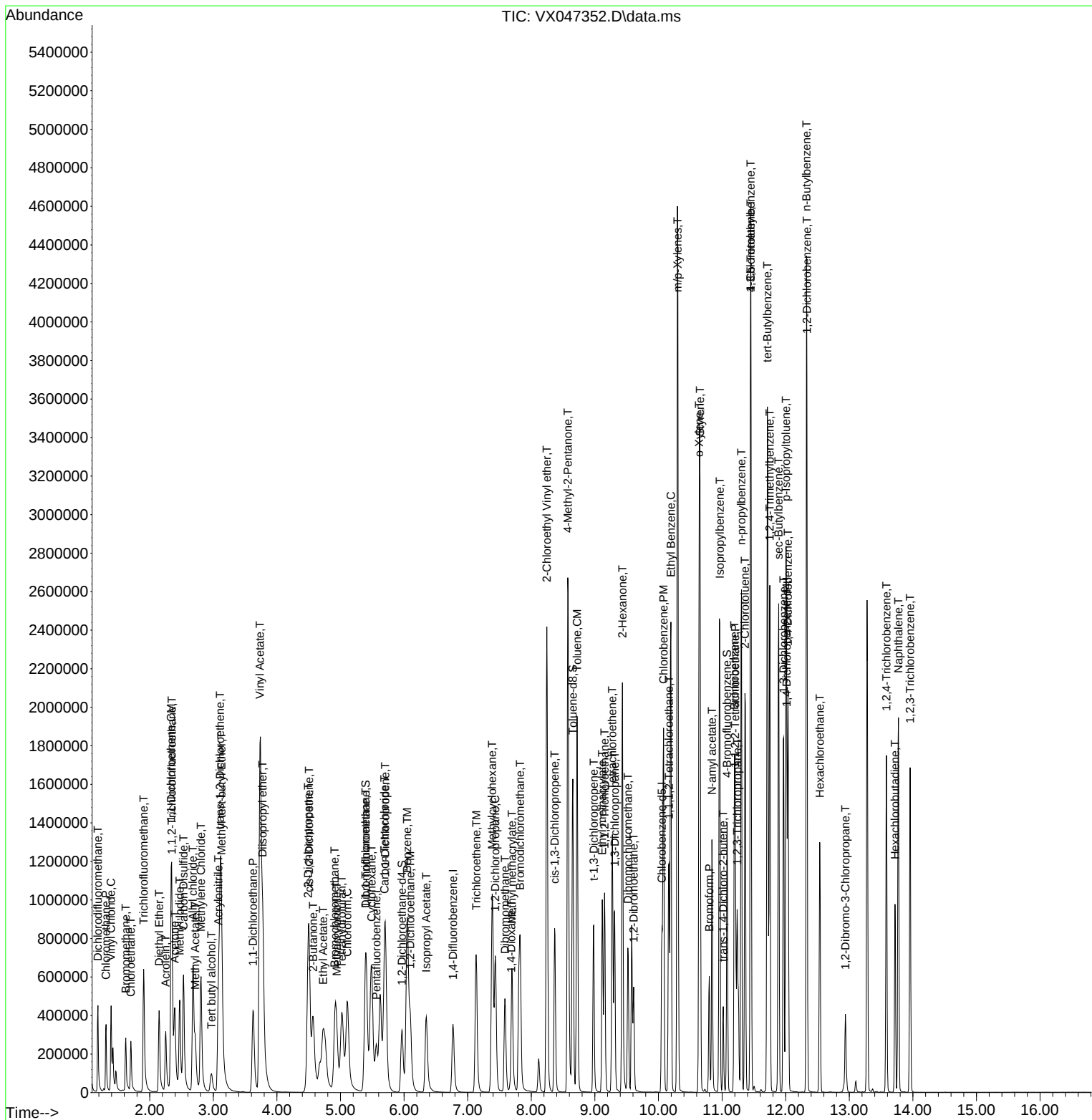
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MSVOA_X
ClientSampleId :

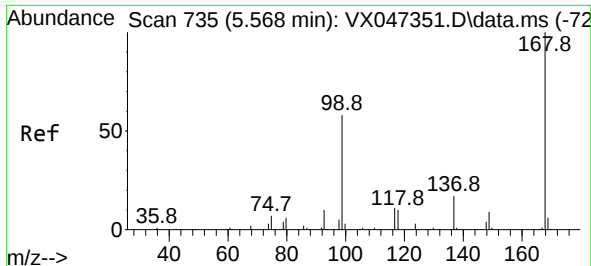
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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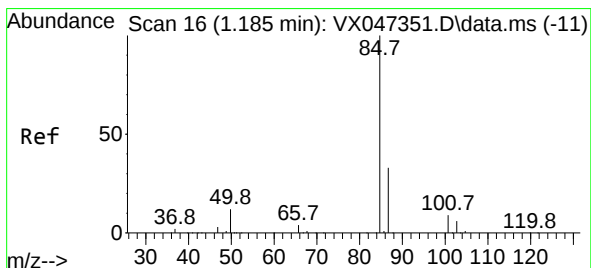
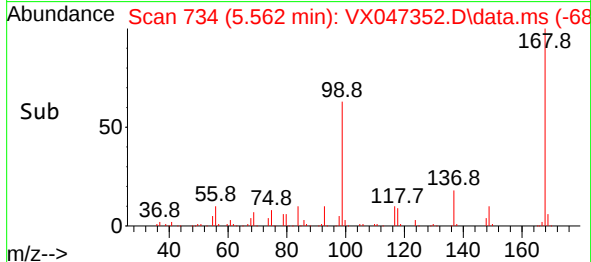
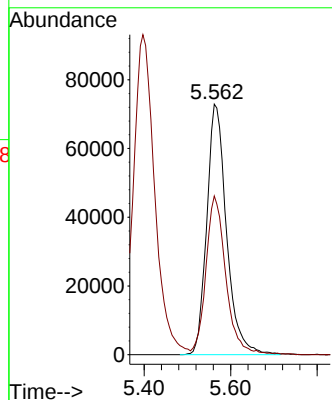
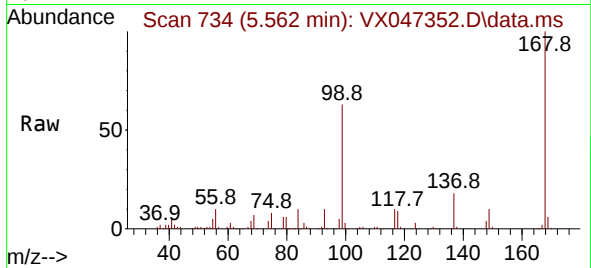




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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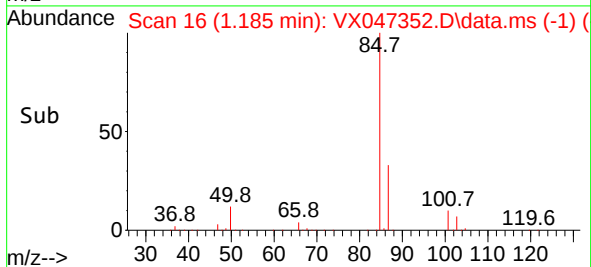
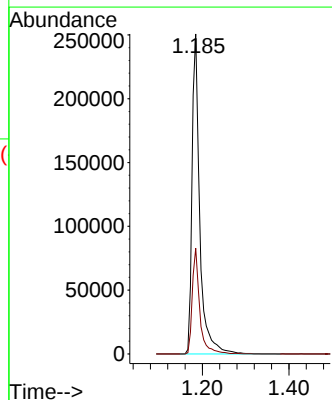
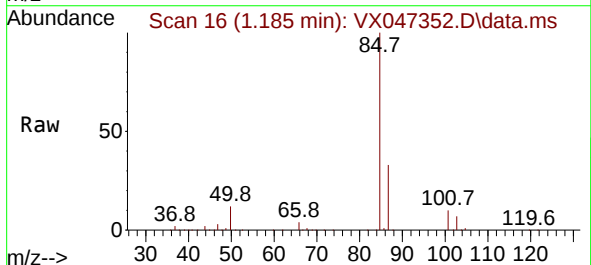
Instrument :
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ClientSampleId :

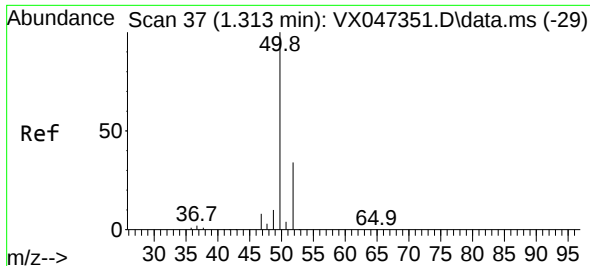
Tgt Ion:168 Resp: 230991
Ion Ratio Lower Upper
168 100
99 63.0 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 105.204 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 85 Resp: 309782
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1

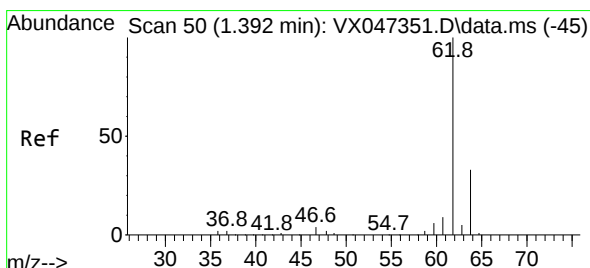
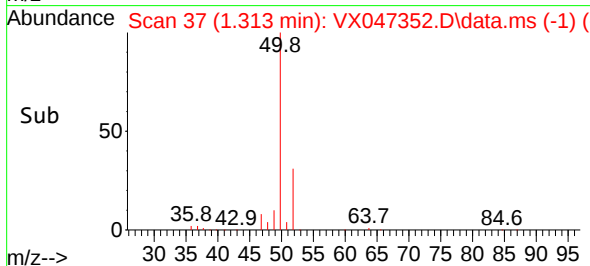
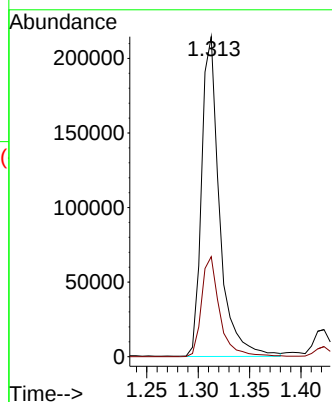
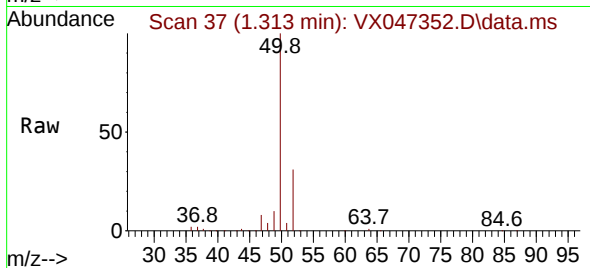




#3
Chloromethane
Concen: 98.864 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

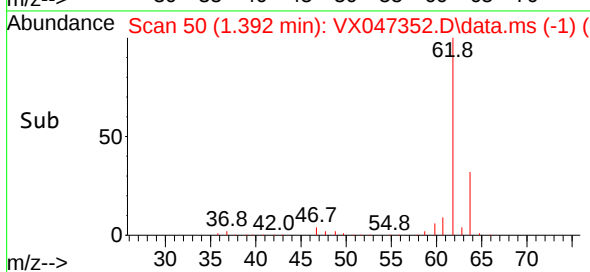
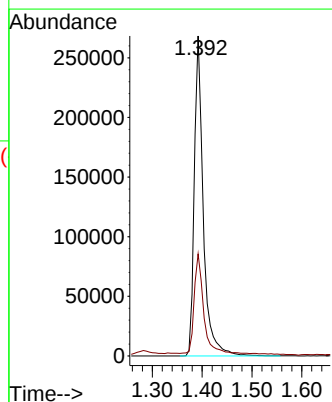
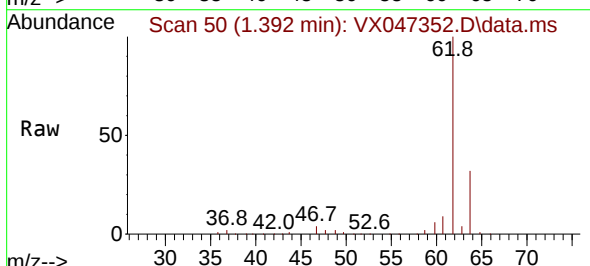
Instrument :
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ClientSampleId :

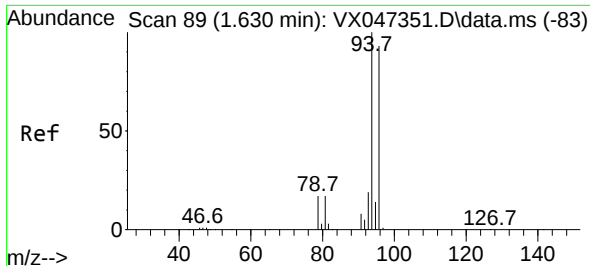
Tgt Ion: 50 Resp: 261885
Ion Ratio Lower Upper
50 100
52 31.3 27.0 40.4



#4
Vinyl Chloride
Concen: 101.331 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 62 Resp: 336909
Ion Ratio Lower Upper
62 100
64 31.4 26.5 39.7

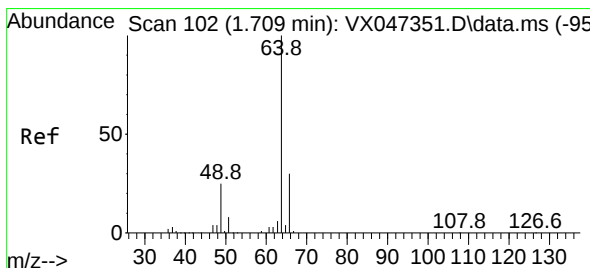
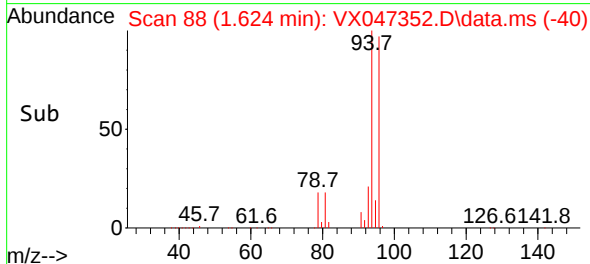
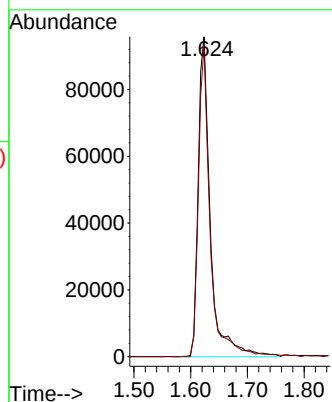
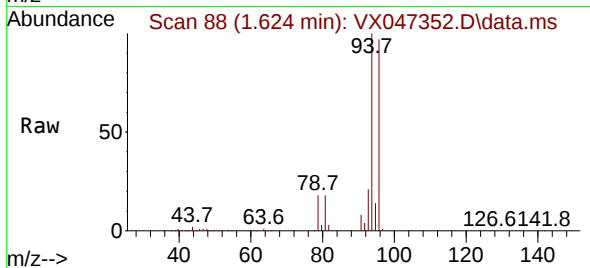




#5
Bromomethane
Concen: 106.217 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

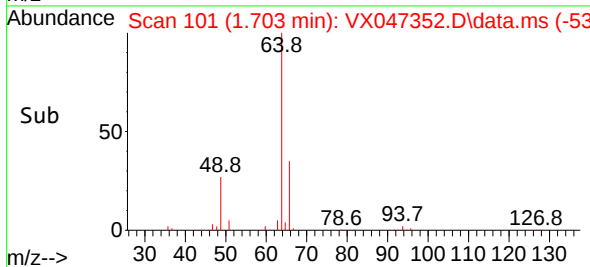
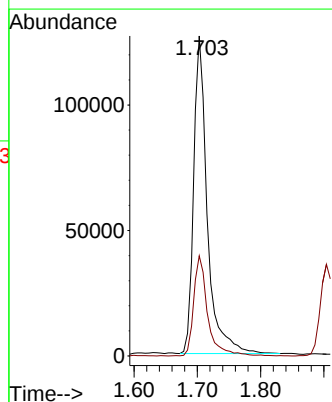
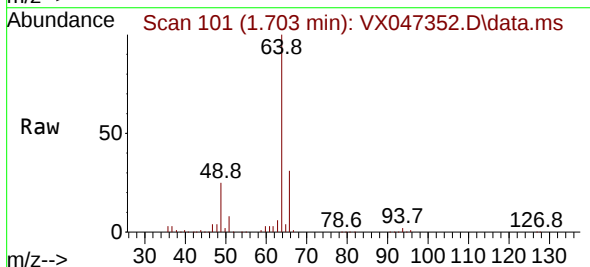
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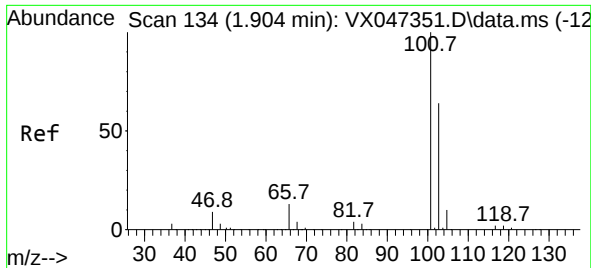
Tgt Ion: 94 Resp: 142644
Ion Ratio Lower Upper
94 100
96 97.1 74.7 112.1



#6
Chloroethane
Concen: 93.112 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 64 Resp: 189413
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

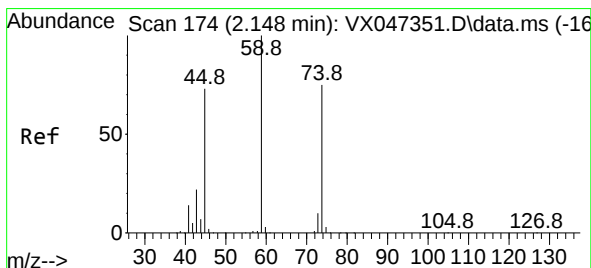
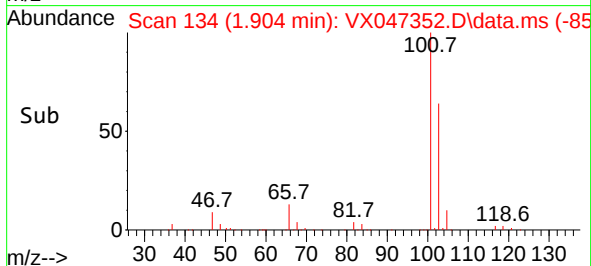
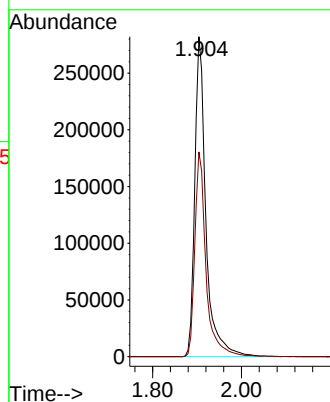
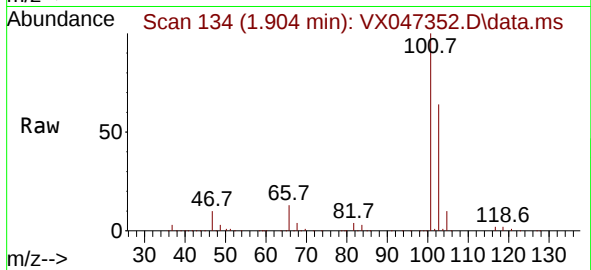




#7
Trichlorofluoromethane
Concen: 99.548 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

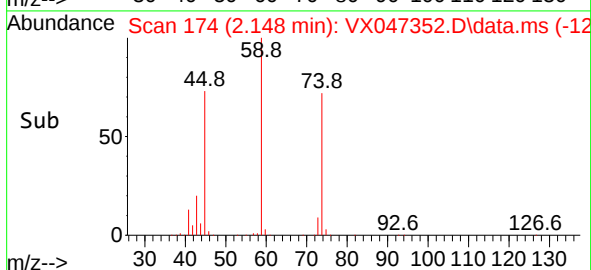
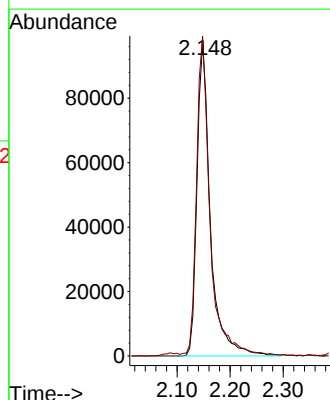
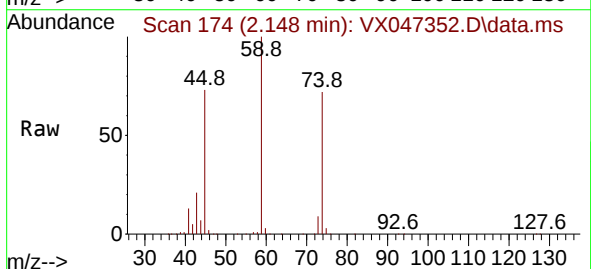
Instrument :
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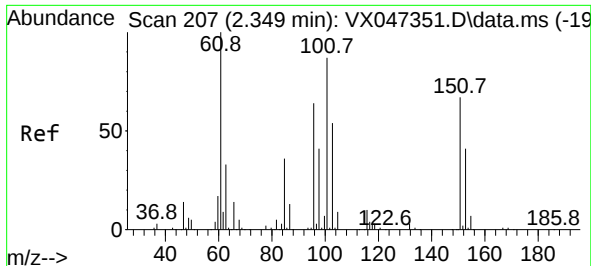
Tgt Ion:101 Resp: 489572
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3



#8
Diethyl Ether
Concen: 98.832 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 171145
Ion Ratio Lower Upper
74 100
45 102.0 51.3 154.0

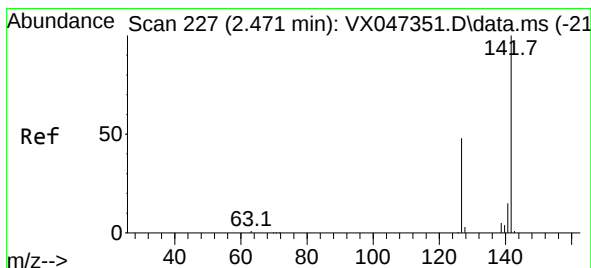
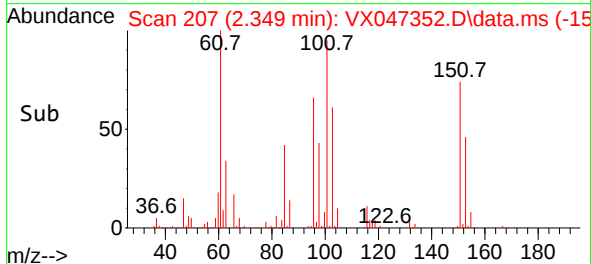
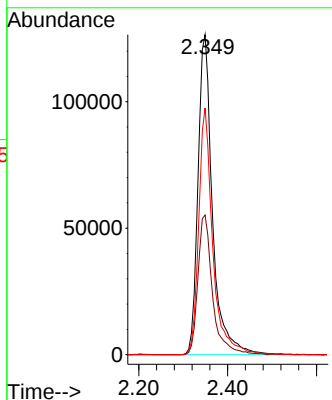
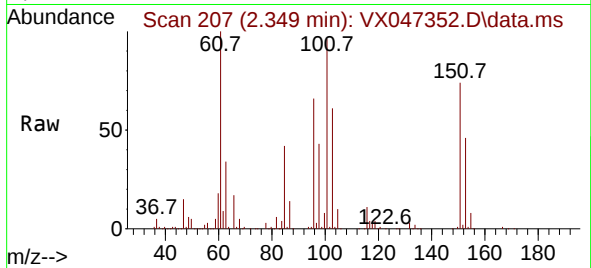




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.101 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

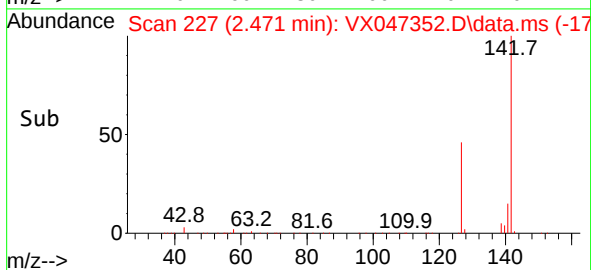
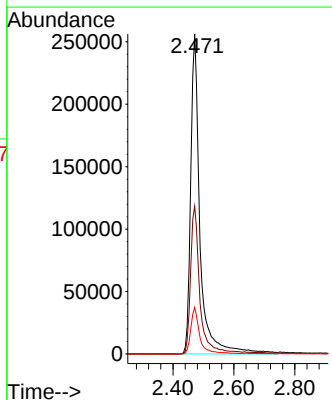
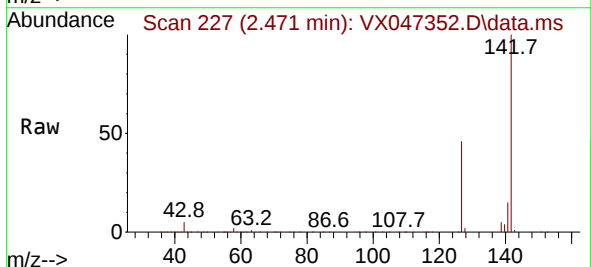
Instrument :
MSVOA_X
ClientSampleId :

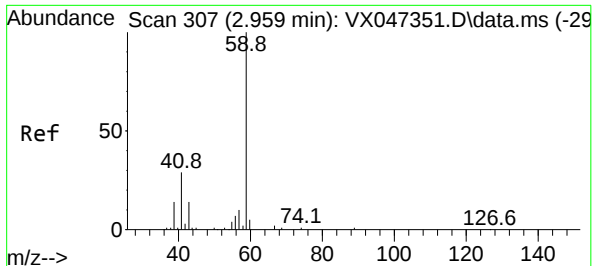
Tgt Ion:101 Resp: 288420
Ion Ratio Lower Upper
101 100
85 44.0 34.3 51.5
151 74.7 59.2 88.8



#10
Methyl Iodide
Concen: 111.619 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:142 Resp: 545687
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 14.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 510.865 ug/l

RT: 2.971 min Scan# 307

Delta R.T. 0.012 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

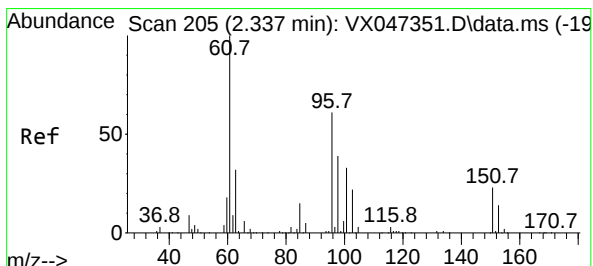
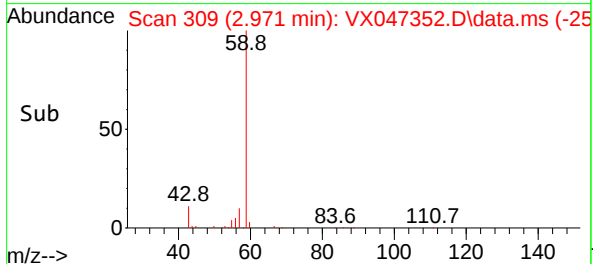
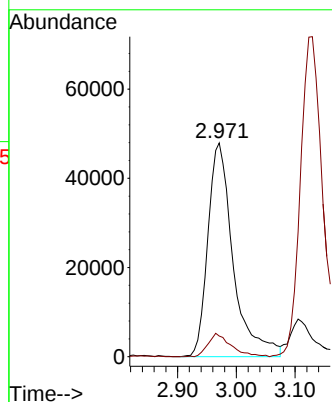
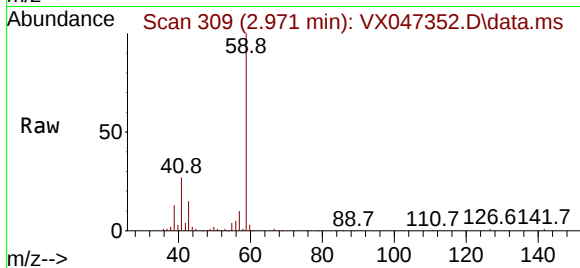
ClientSampleId :

Tgt Ion: 59 Resp: 143673

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



#12

1,1-Dichloroethene

Concen: 100.899 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

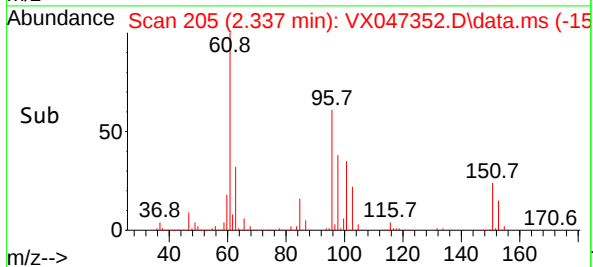
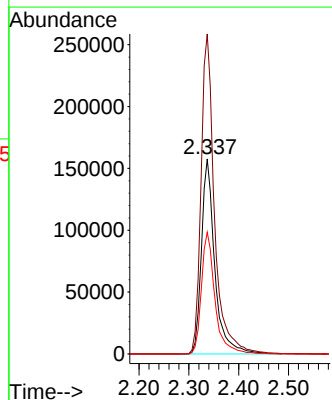
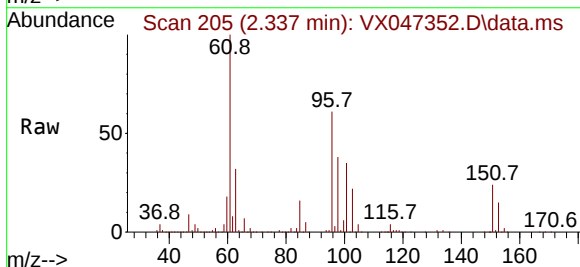
Tgt Ion: 96 Resp: 293450

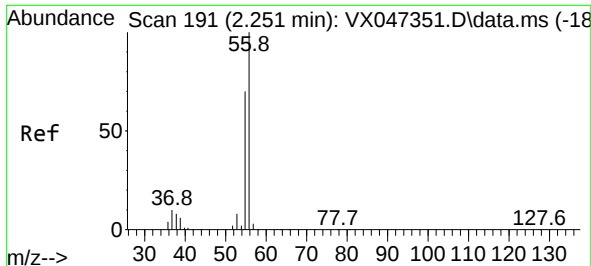
Ion Ratio Lower Upper

96 100

61 164.0 132.2 198.2

98 62.4 51.2 76.8





#13

Acrolein

Concen: 495.763 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

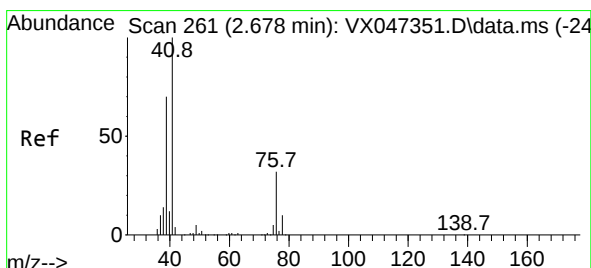
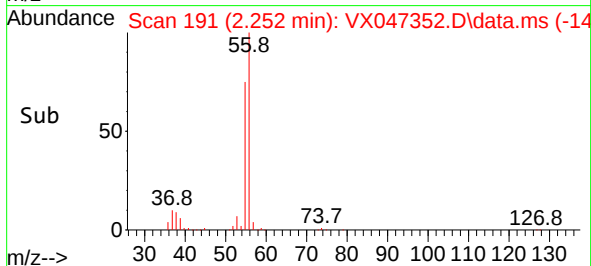
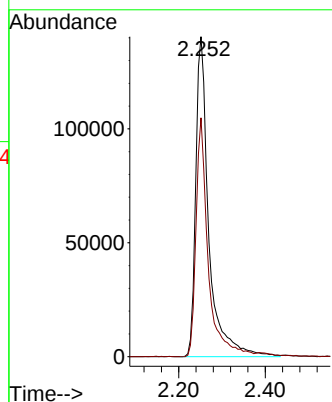
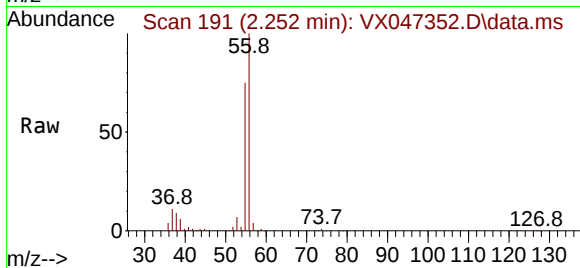
ClientSampleId :

Tgt Ion: 56 Resp: 294322

Ion Ratio Lower Upper

56 100

55 69.4 55.5 83.3



#14

Allyl chloride

Concen: 101.402 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

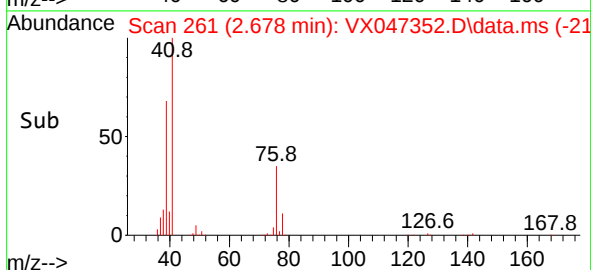
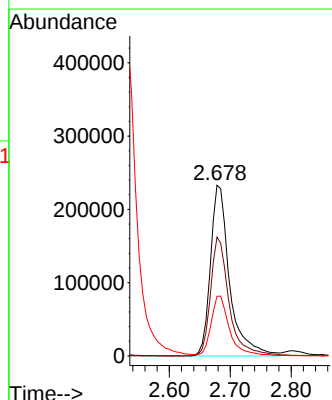
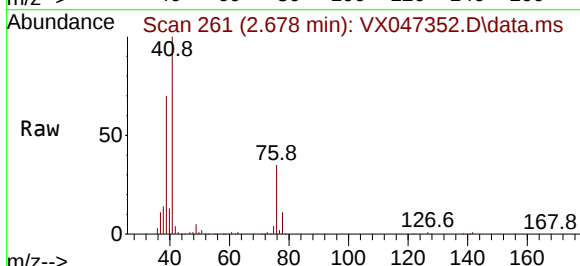
Tgt Ion: 41 Resp: 512225

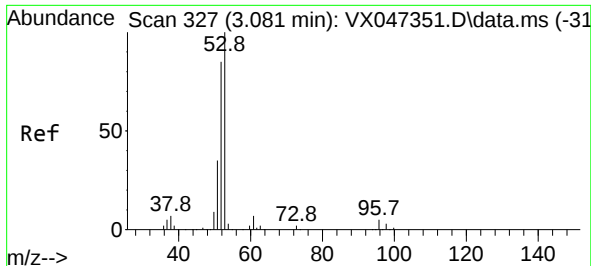
Ion Ratio Lower Upper

41 100

39 66.9 54.6 81.8

76 33.9 27.6 41.4

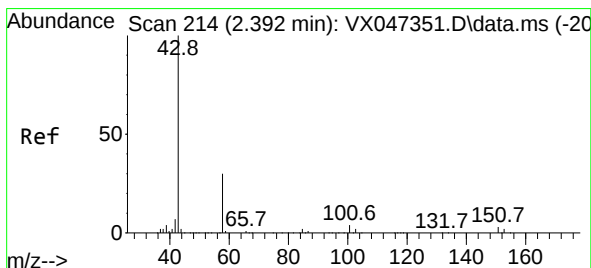
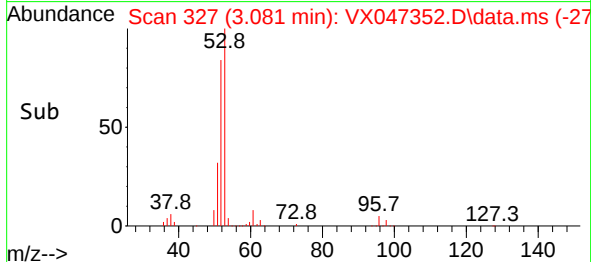
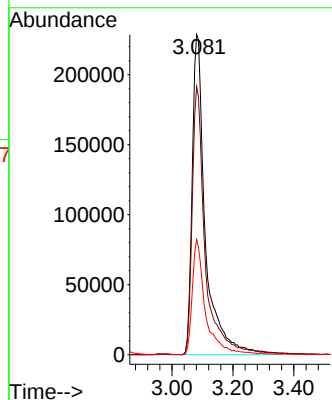
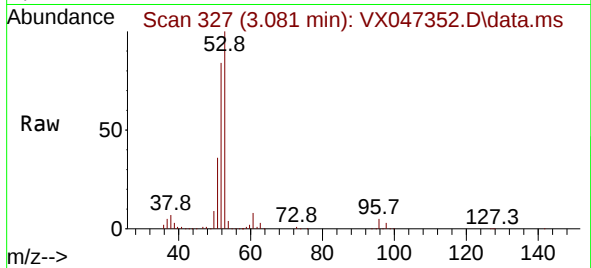




#15
Acrylonitrile
Concen: 509.058 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

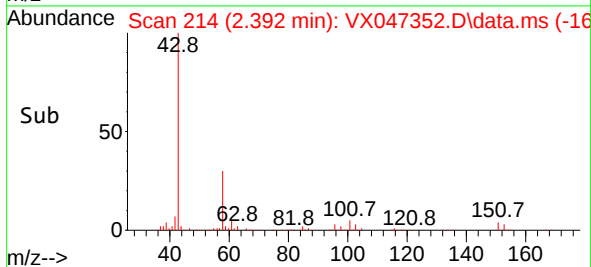
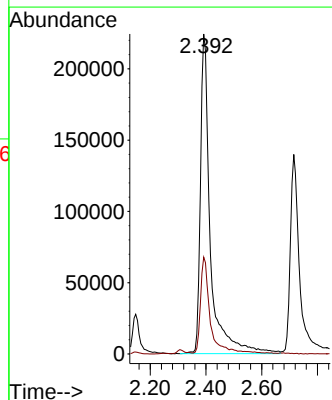
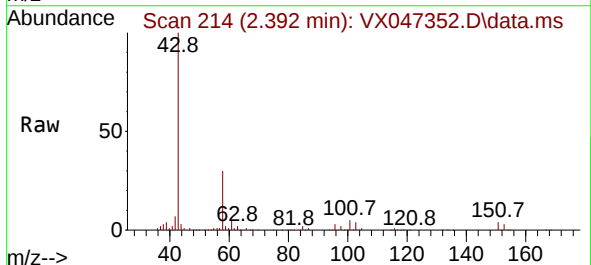
Instrument :
MSVOA_X
ClientSampleId :

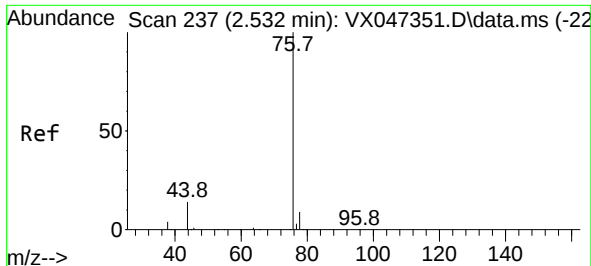
Tgt Ion: 53 Resp: 691797
Ion Ratio Lower Upper
53 100
52 82.1 65.8 98.6
51 35.8 28.2 42.2



#16
Acetone
Concen: 456.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

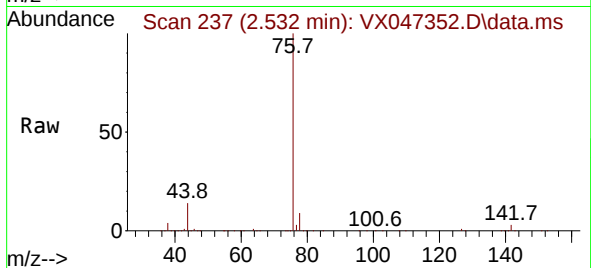
Tgt Ion: 43 Resp: 554774
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2



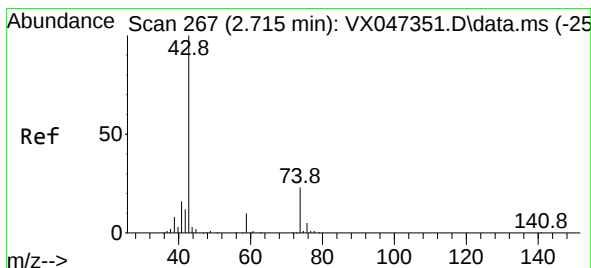
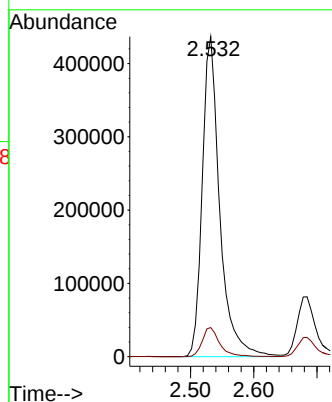
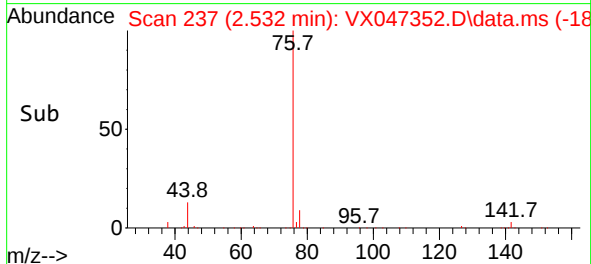


#17
Carbon Disulfide
Concen: 95.757 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :

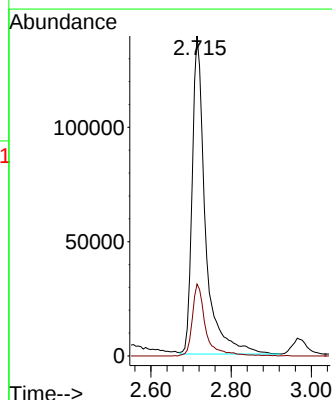
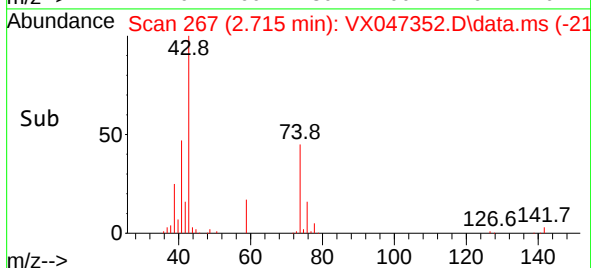
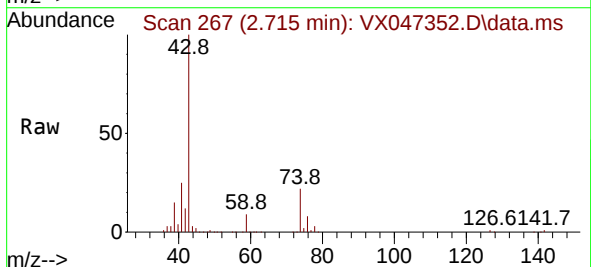


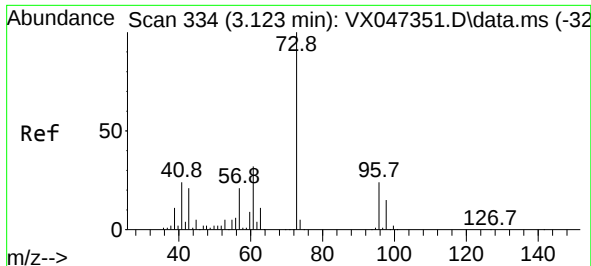
Tgt Ion: 76 Resp: 840388
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 101.128 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 318444
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6

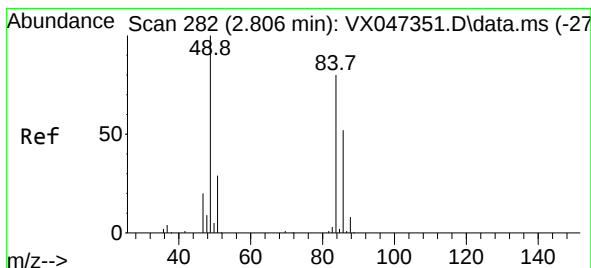
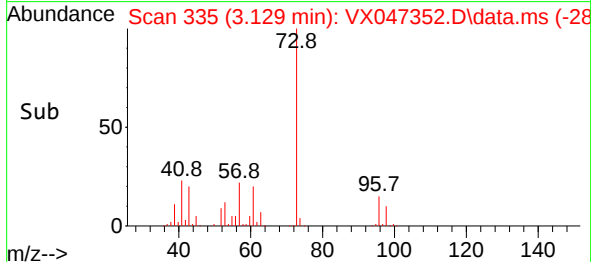
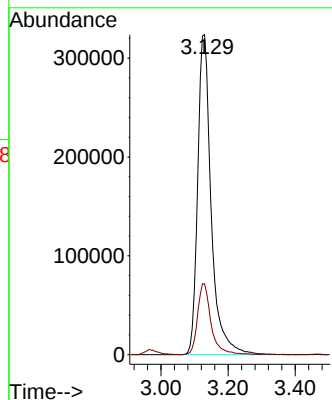
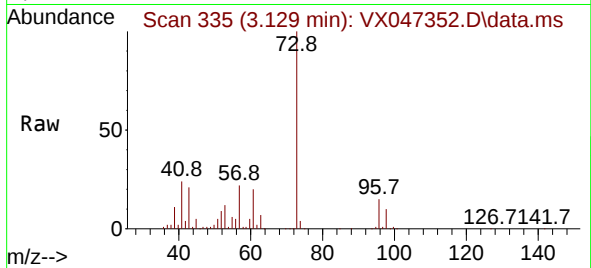




#19
Methyl tert-butyl Ether
Concen: 102.433 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

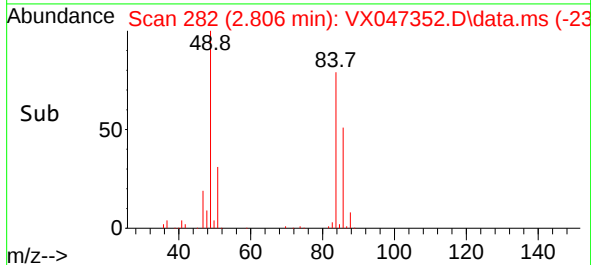
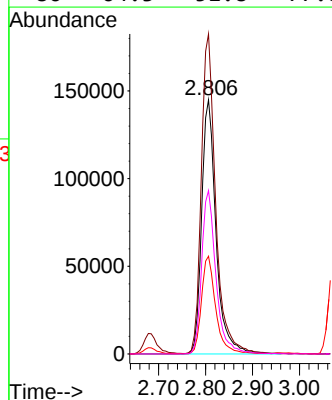
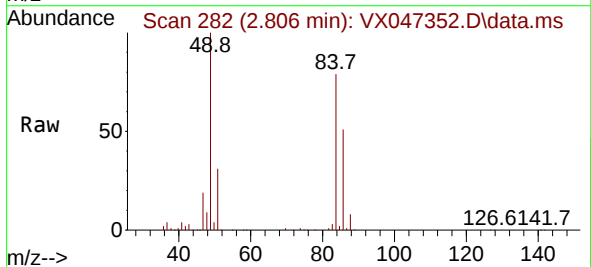
Instrument :
MSVOA_X
ClientSampleId :

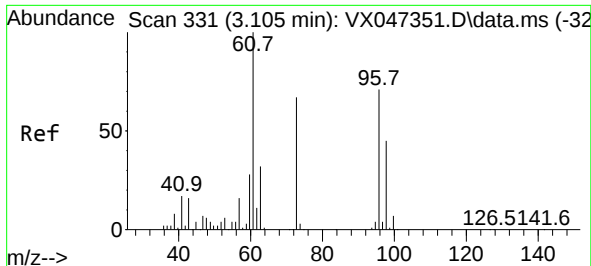
Tgt Ion: 73 Resp: 906301
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6



#20
Methylene Chloride
Concen: 96.088 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 84 Resp: 309183
Ion Ratio Lower Upper
84 100
49 125.7 100.1 150.1
51 38.3 29.5 44.3
86 64.3 51.8 77.8

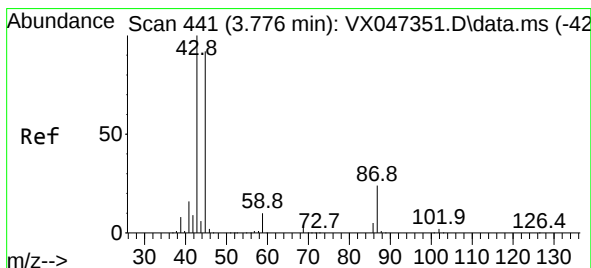
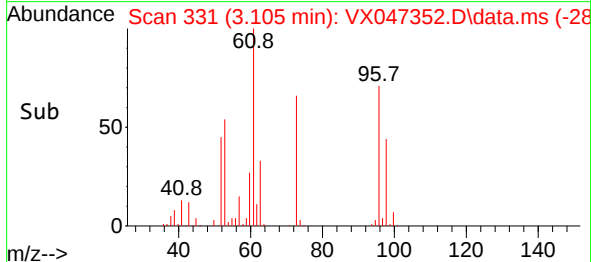
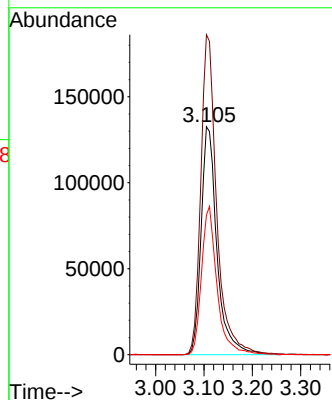
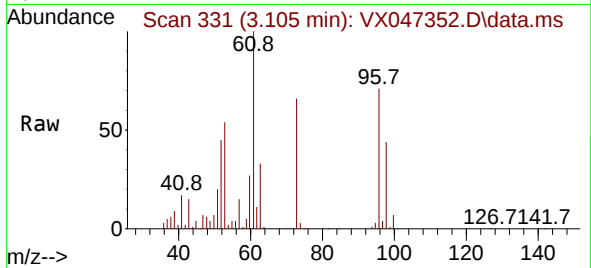




#21
trans-1,2-Dichloroethene
Concen: 98.051 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

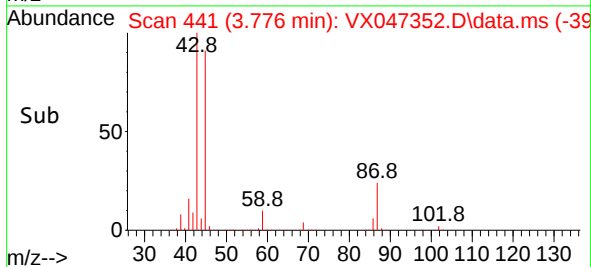
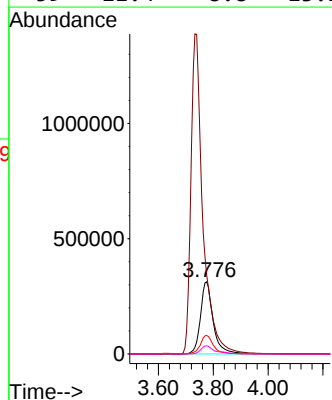
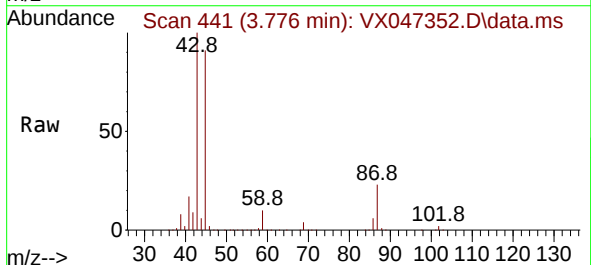
Instrument :
MSVOA_X
ClientSampleId :

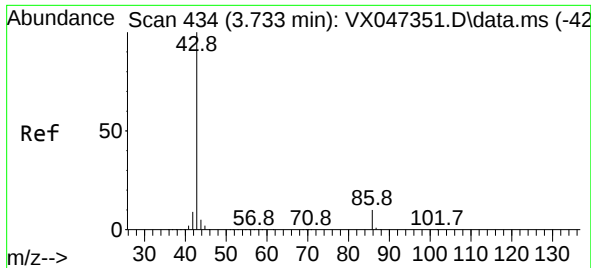
Tgt Ion: 96 Resp: 302669
Ion Ratio Lower Upper
96 100
61 140.3 112.6 169.0
98 61.2 50.9 76.3



#22
Diisopropyl ether
Concen: 100.865 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 45 Resp: 1007141
Ion Ratio Lower Upper
45 100
43 110.0 86.8 130.2
87 25.8 20.4 30.6
59 11.4 8.8 13.2

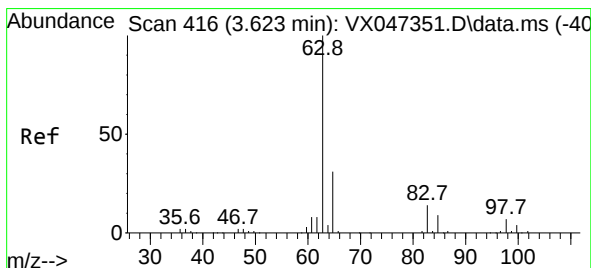
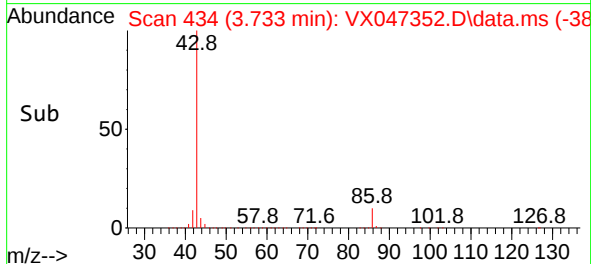
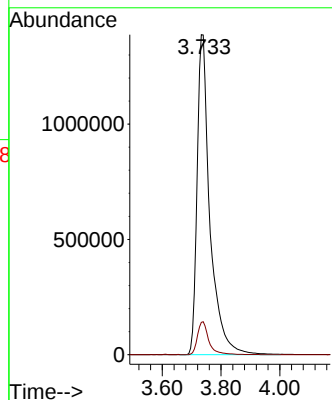
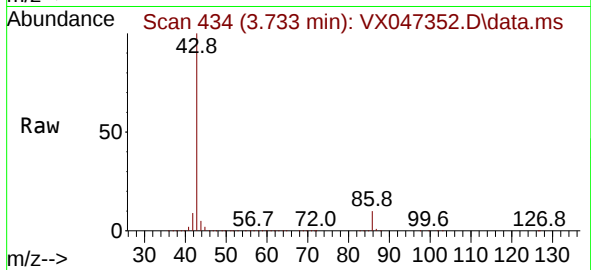




#23
 Vinyl Acetate
 Concen: 514.008 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

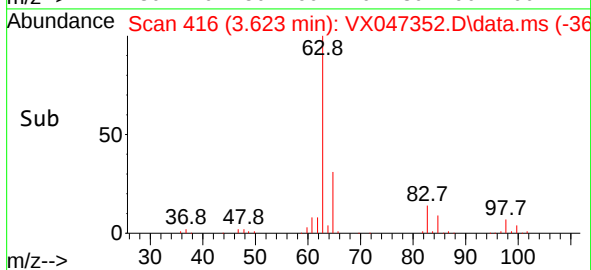
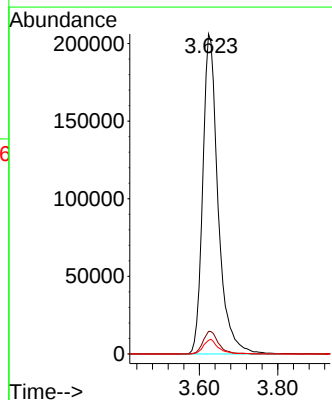
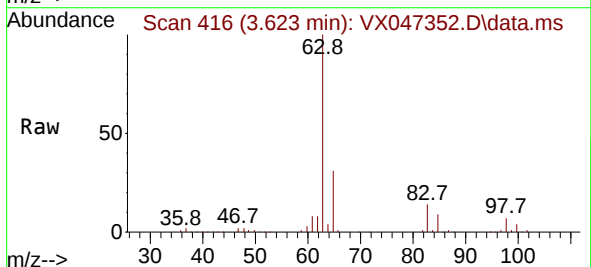
Instrument :
 MSVOA_X
 ClientSampleId :

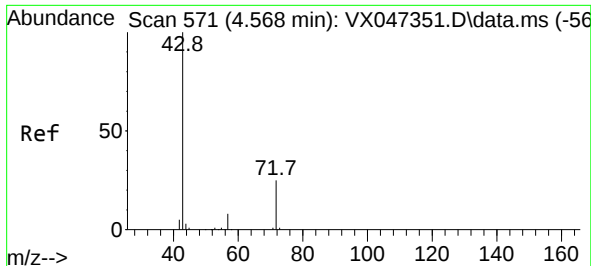
Tgt Ion: 43 Resp: 4206762
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 99.034 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

Tgt Ion: 63 Resp: 558936
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.2 2.1 6.3

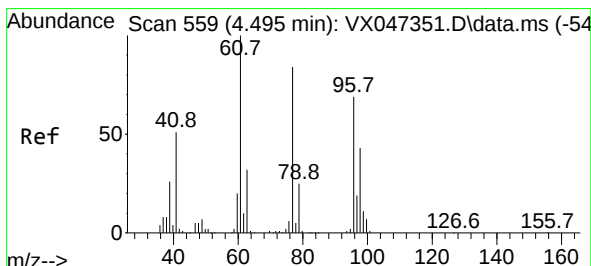
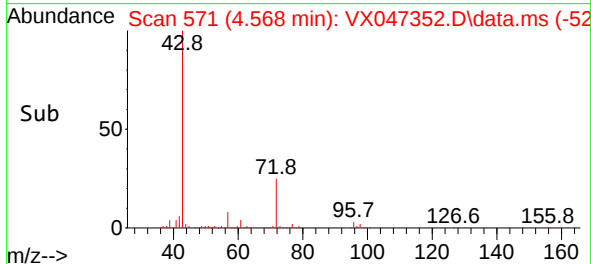
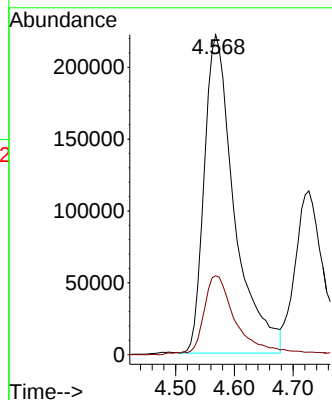
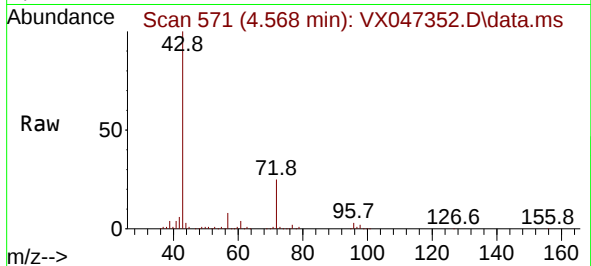




#25
2-Butanone
Concen: 496.288 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

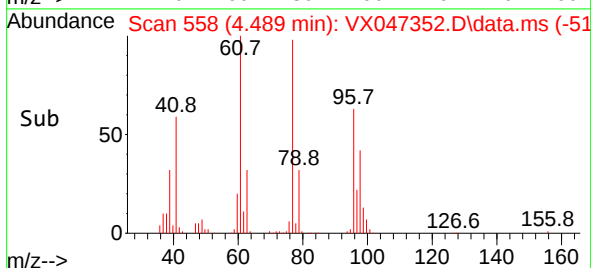
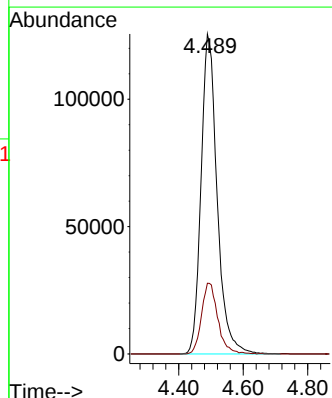
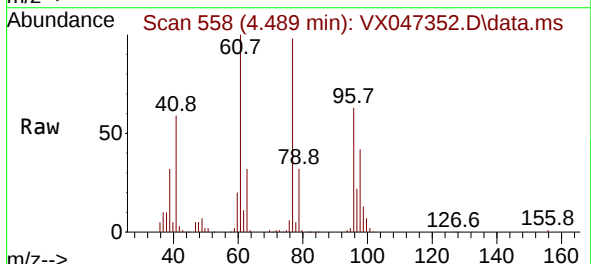
Instrument :
MSVOA_X
ClientSampleId :

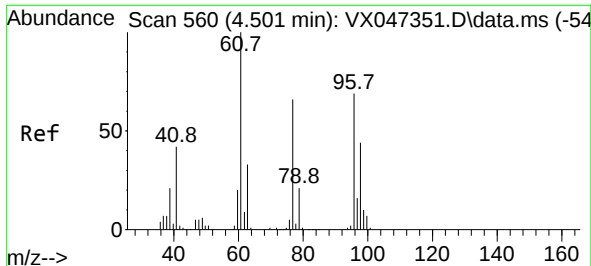
Tgt Ion: 43 Resp: 789816
Ion Ratio Lower Upper
43 100
72 23.9 19.8 29.8



#26
2,2-Dichloropropane
Concen: 101.916 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 77 Resp: 434139
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 98.806 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

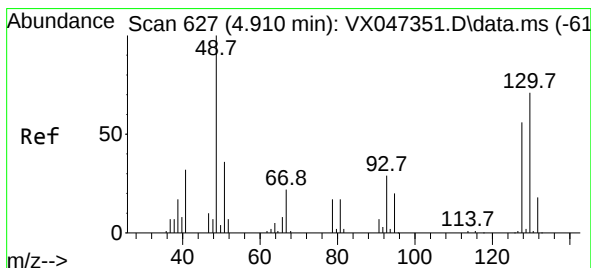
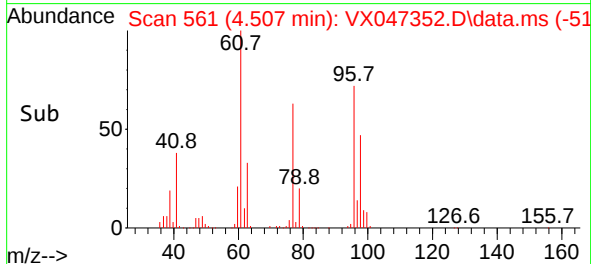
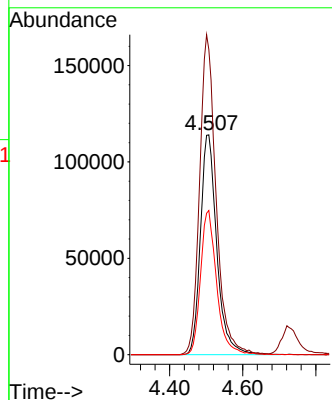
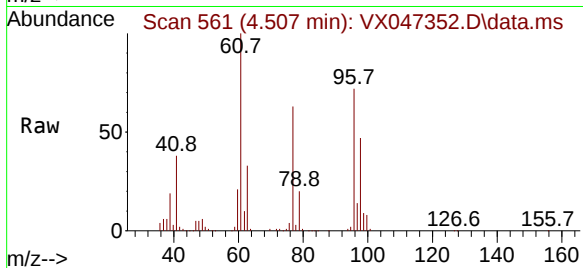
Tgt Ion: 96 Resp: 355238

Ion Ratio Lower Upper

96 100

61 146.5 0.0 296.6

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 110.131 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

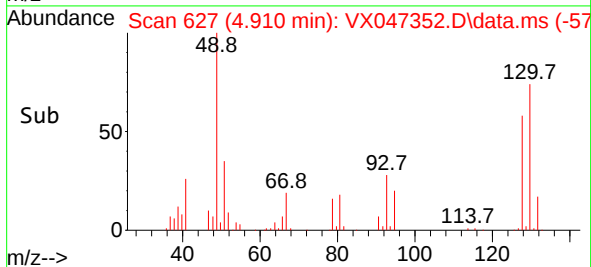
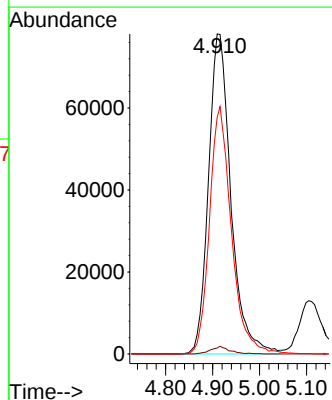
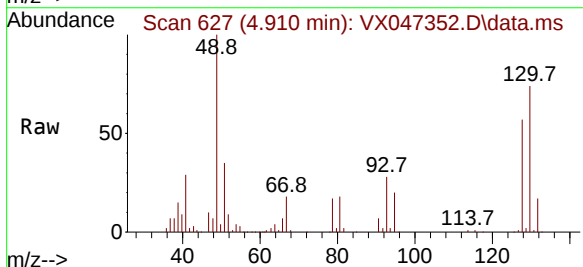
Tgt Ion: 49 Resp: 258648

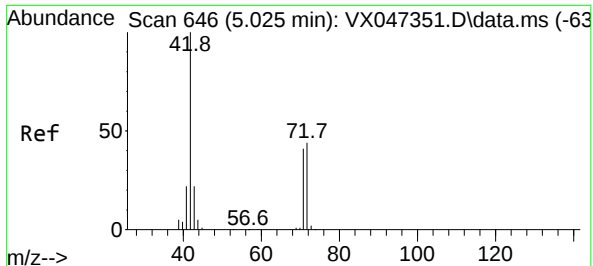
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 75.6 59.8 89.6





#29

Tetrahydrofuran

Concen: 491.640 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

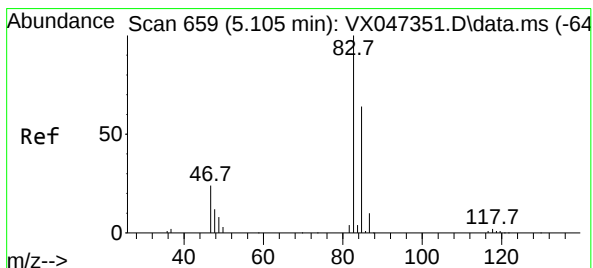
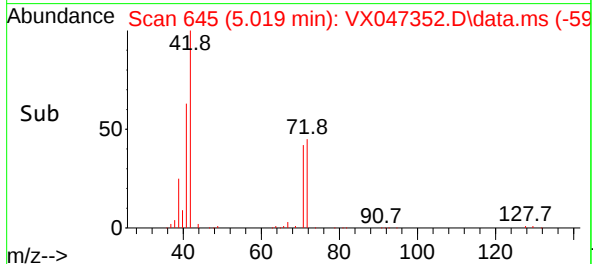
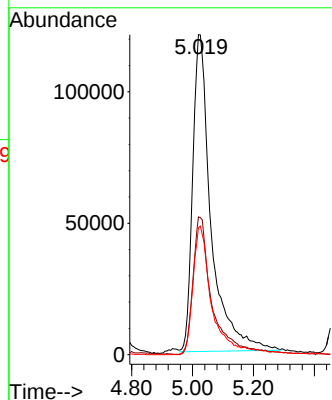
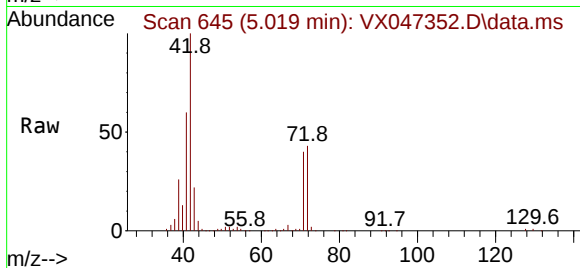
Tgt Ion: 42 Resp: 505709

Ion Ratio Lower Upper

42 100

72 45.0 34.6 51.8

71 41.7 32.6 49.0



#30

Chloroform

Concen: 97.394 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047352.D

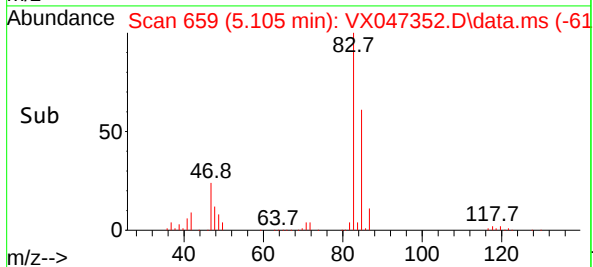
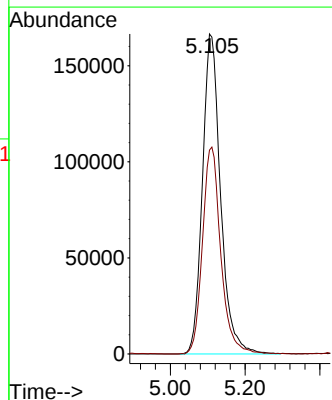
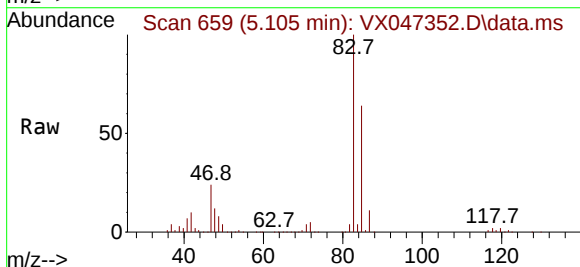
Acq: 15 Aug 2025 10:43

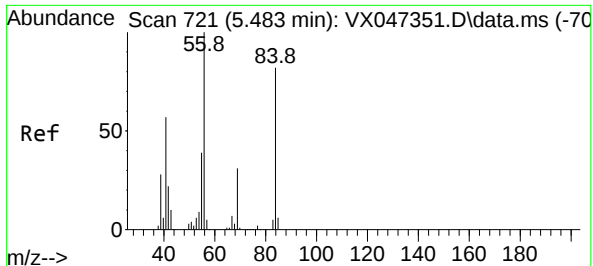
Tgt Ion: 83 Resp: 560984

Ion Ratio Lower Upper

83 100

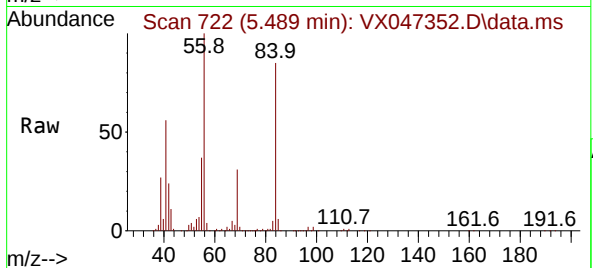
85 63.6 51.2 76.8



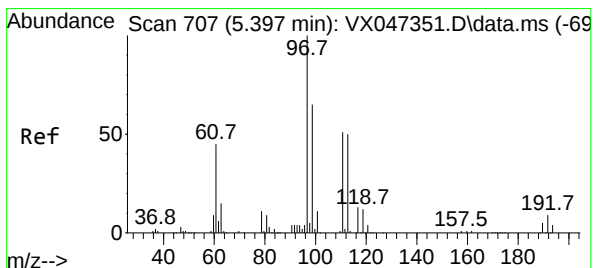
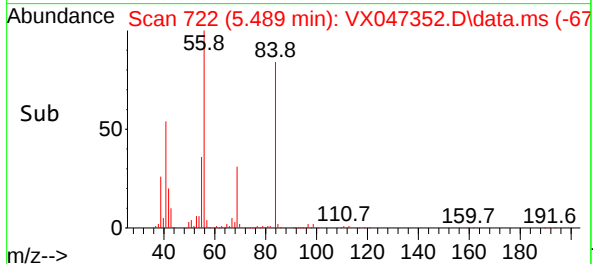
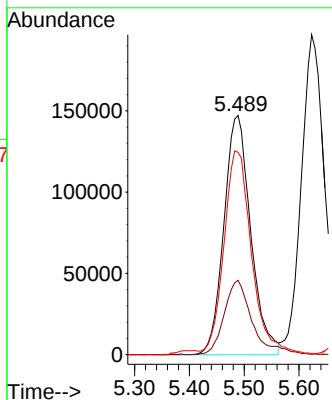


#31
Cyclohexane
Concen: 96.100 ug/l
RT: 5.489 min Scan# 712
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :

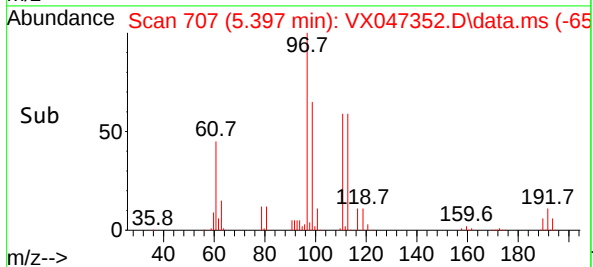
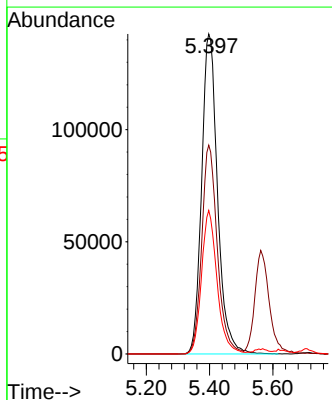
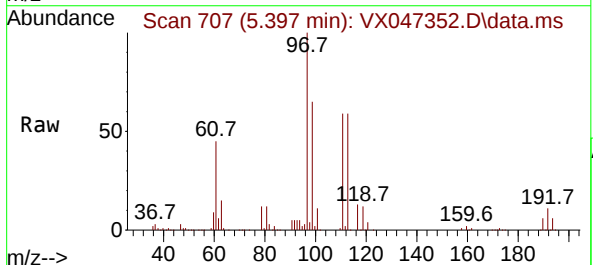


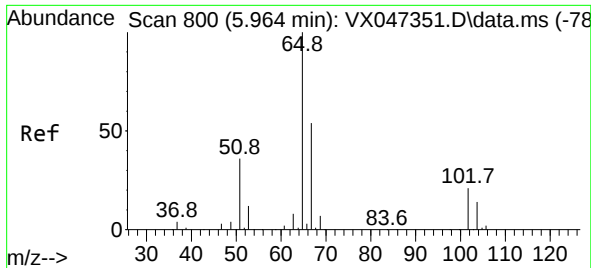
Tgt Ion: 56 Resp: 499975
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 83.5 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 100.709 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 97 Resp: 499294
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 43.9 35.7 53.5

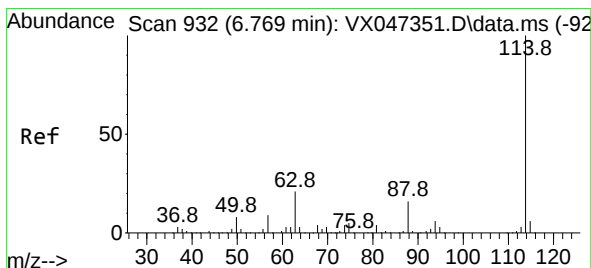
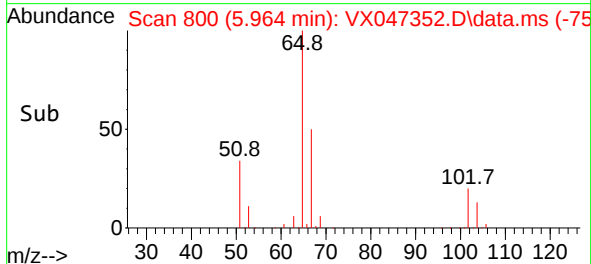
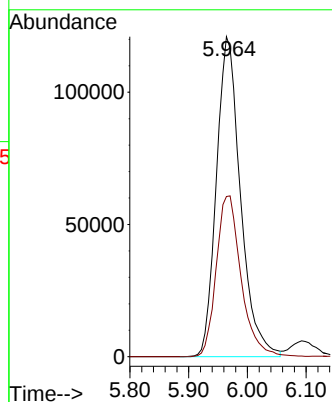
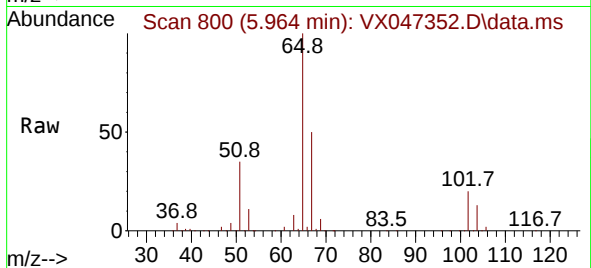




#33
 1,2-Dichloroethane-d4
 Concen: 106.746 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

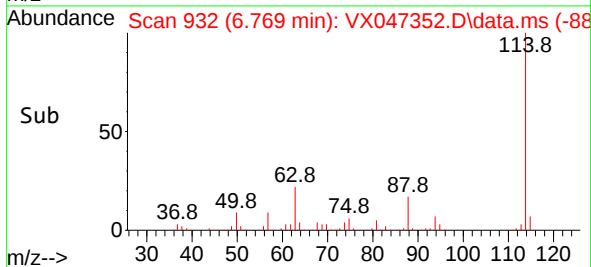
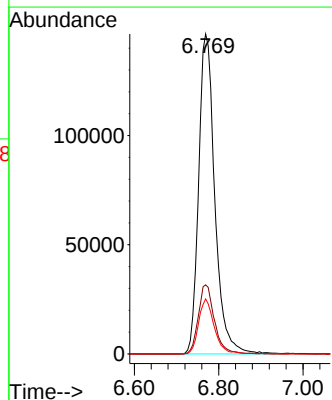
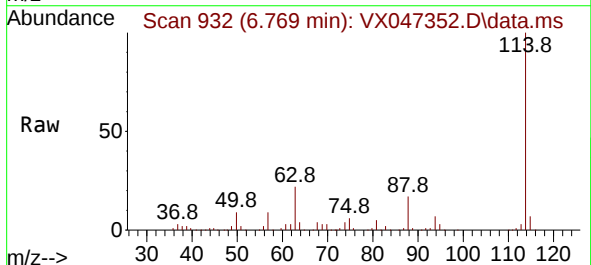
Instrument :
 MSVOA_X
 ClientSampleId :

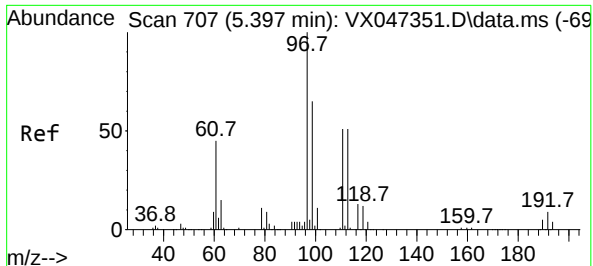
Tgt Ion: 65 Resp: 345087
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

Tgt Ion: 114 Resp: 391443
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 17.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 108.967 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

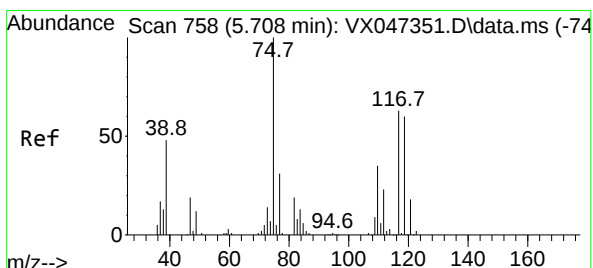
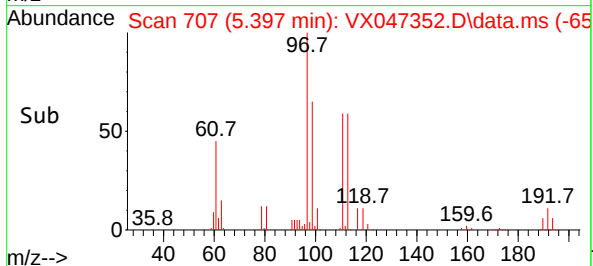
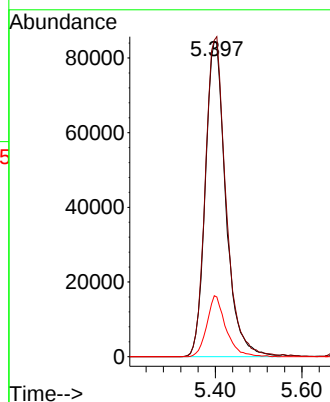
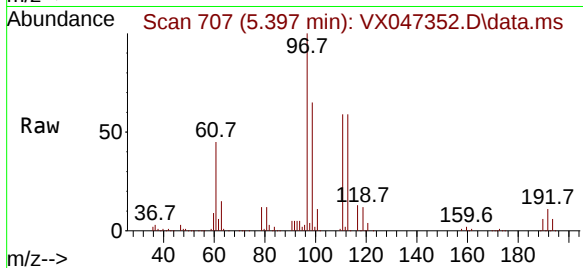
Tgt Ion:113 Resp: 276832

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

192 18.0 14.1 21.1



#36

1,1-Dichloropropene

Concen: 99.278 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

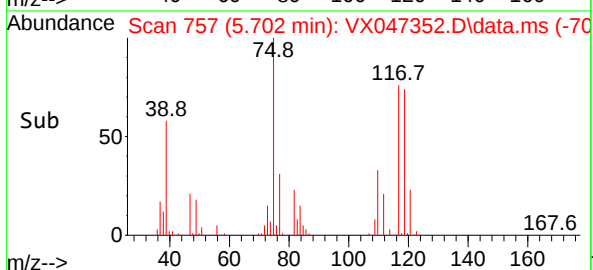
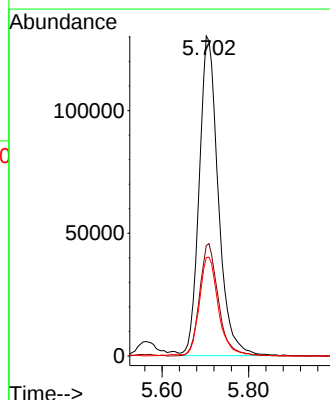
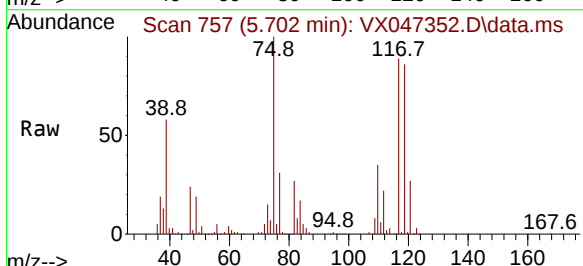
Tgt Ion: 75 Resp: 398144

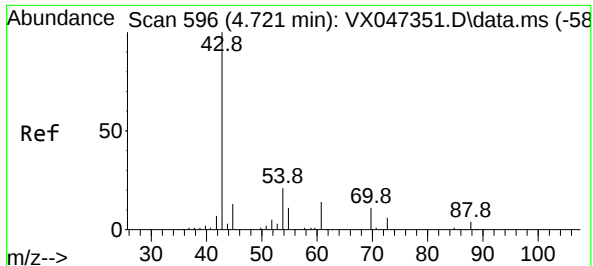
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.2

77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 99.265 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

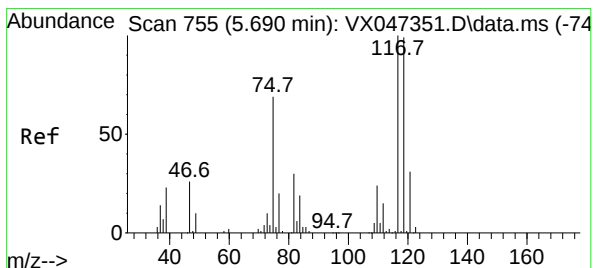
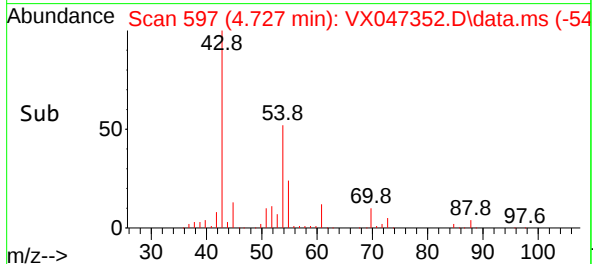
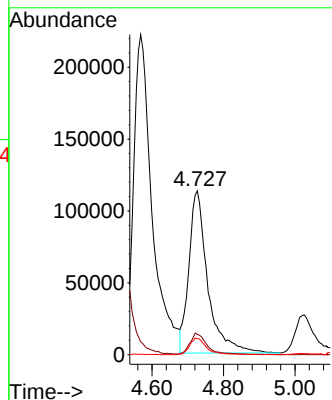
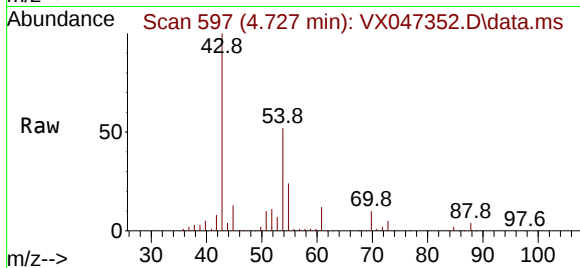
Tgt Ion: 43 Resp: 413279

Ion Ratio Lower Upper

43 100

61 11.5 9.4 14.2

70 9.2 7.0 10.6



#38

Carbon Tetrachloride

Concen: 98.132 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

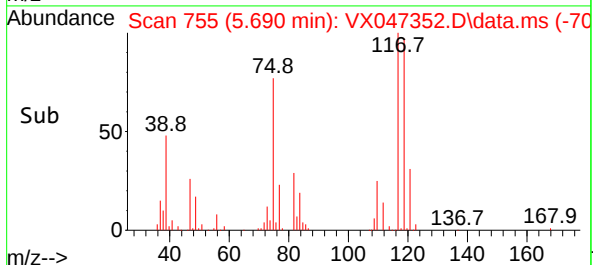
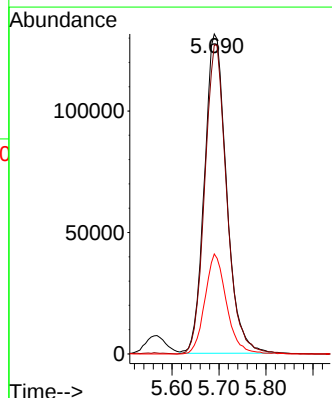
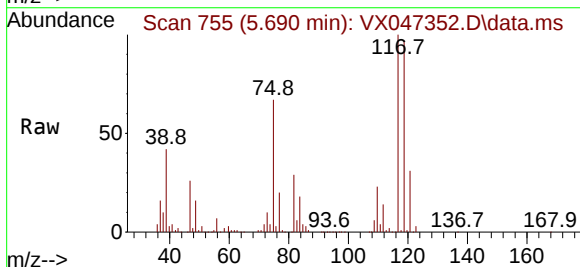
Tgt Ion:117 Resp: 430061

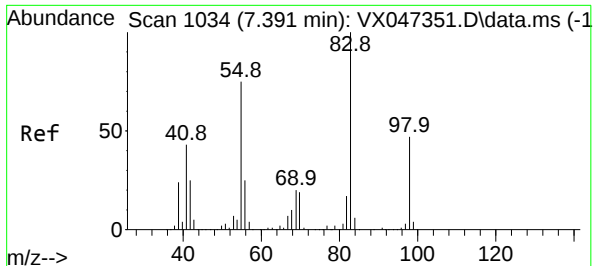
Ion Ratio Lower Upper

117 100

119 96.7 78.5 117.7

121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 100.134 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

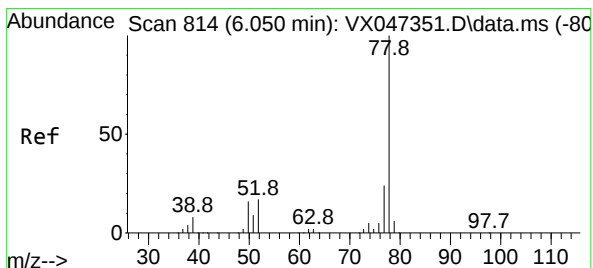
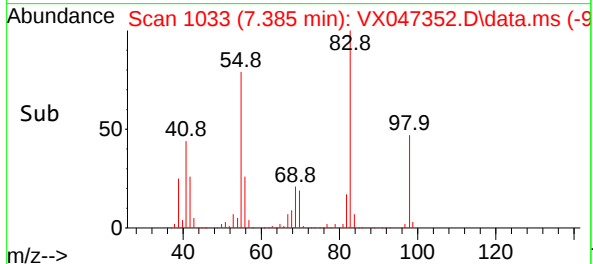
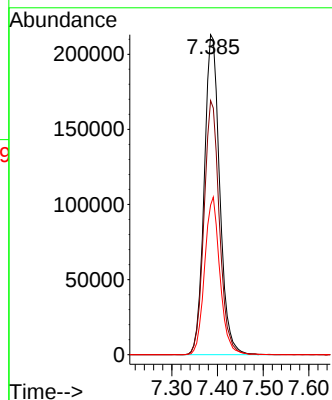
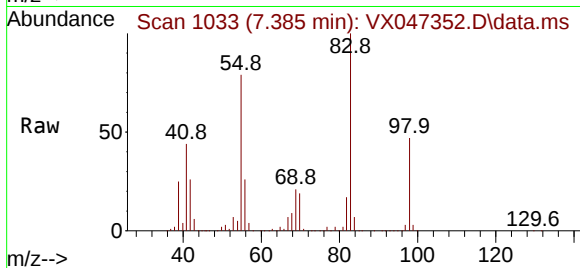
Tgt Ion: 83 Resp: 500907

Ion Ratio Lower Upper

83 100

55 79.4 60.0 90.0

98 46.7 37.2 55.8



#40

Benzene

Concen: 98.866 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047352.D

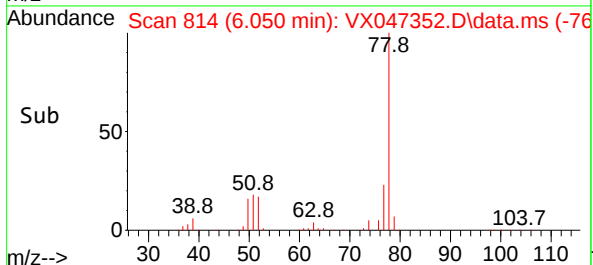
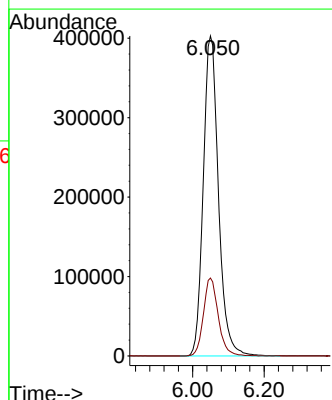
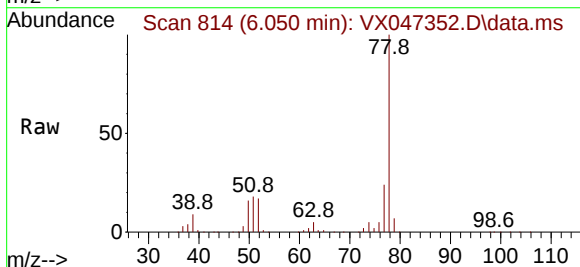
Acq: 15 Aug 2025 10:43

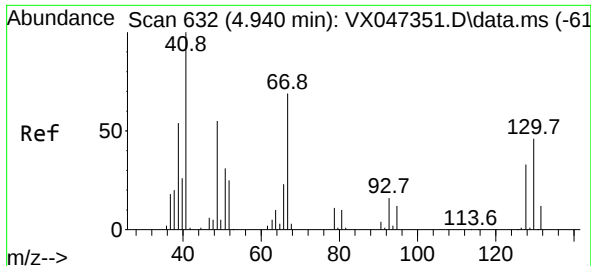
Tgt Ion: 78 Resp: 1186760

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

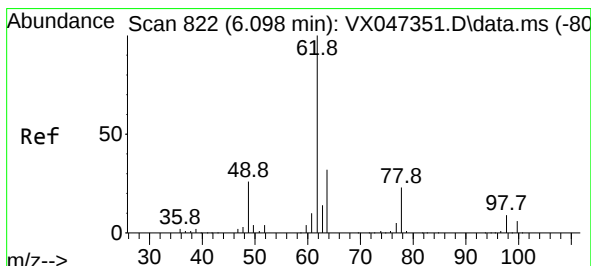
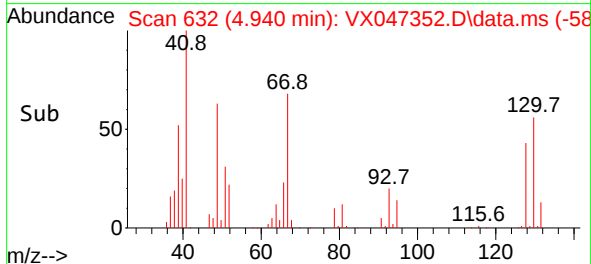
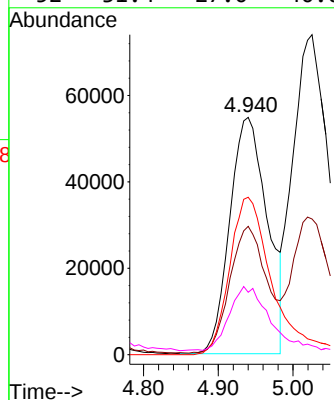
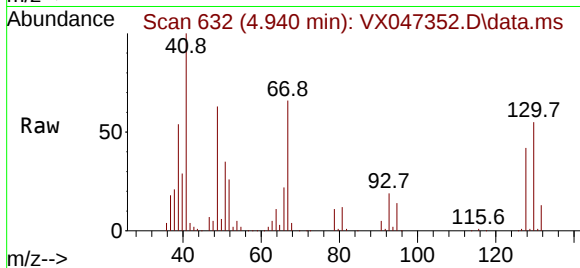




#41
Methacrylonitrile
Concen: 109.177 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

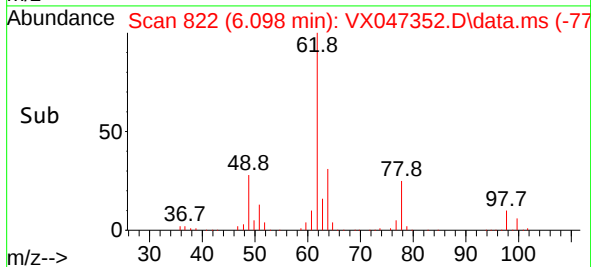
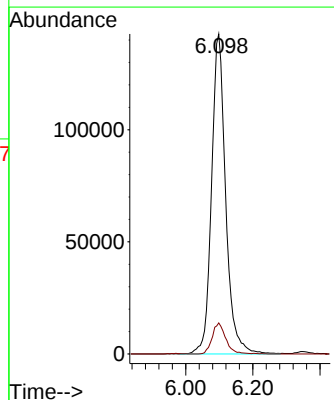
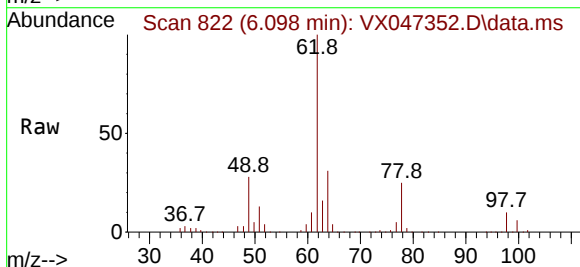
Instrument :
MSVOA_X
ClientSampleId :

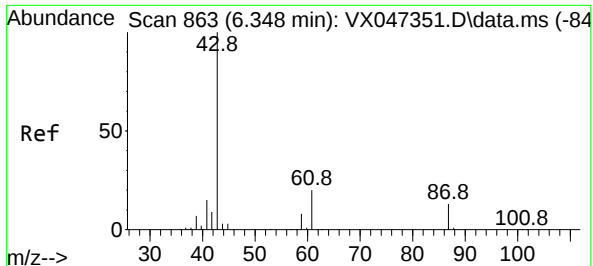
Tgt Ion: 41 Resp: 191678
Ion Ratio Lower Upper
41 100
39 53.0 45.4 68.2
67 75.5 64.0 96.0
52 31.4 27.0 40.6



#42
1,2-Dichloroethane
Concen: 97.940 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

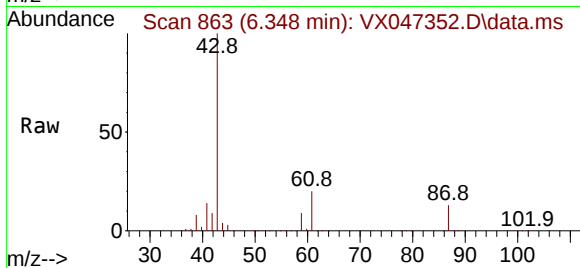
Tgt Ion: 62 Resp: 416430
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0



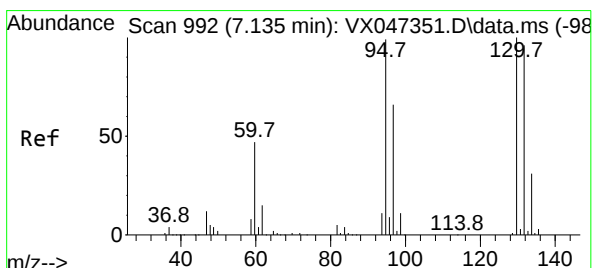
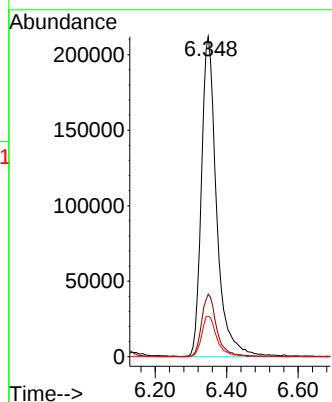
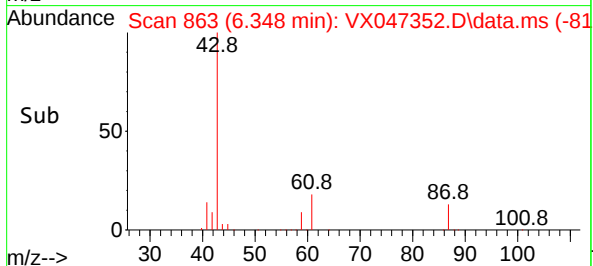


#43
Isopropyl Acetate
Concen: 104.400 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :

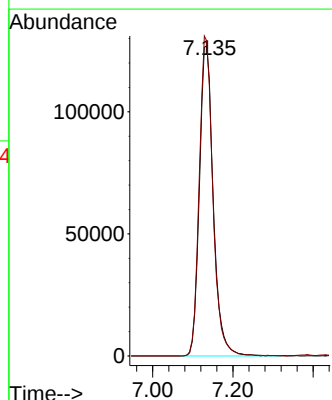
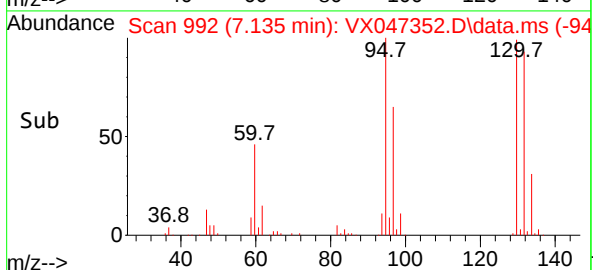
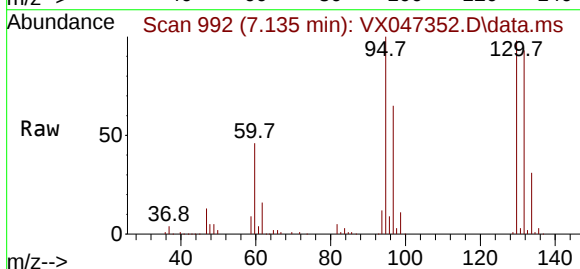


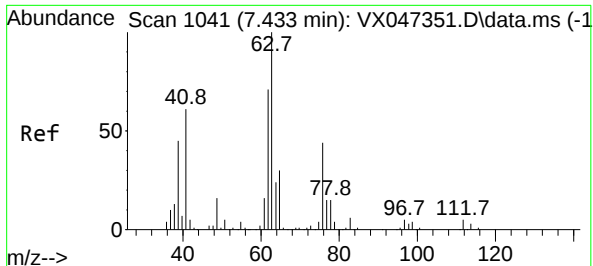
Tgt Ion: 43 Resp: 624423
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 12.6 10.2 15.4



#44
Trichloroethene
Concen: 99.224 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:130 Resp: 304976
Ion Ratio Lower Upper
130 100
95 101.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 99.300 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

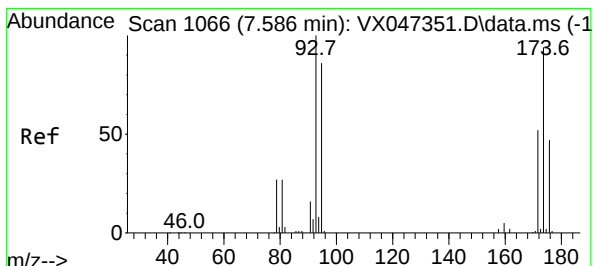
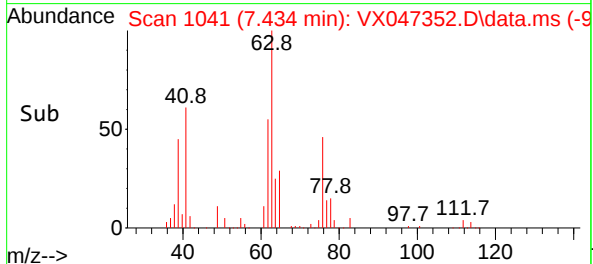
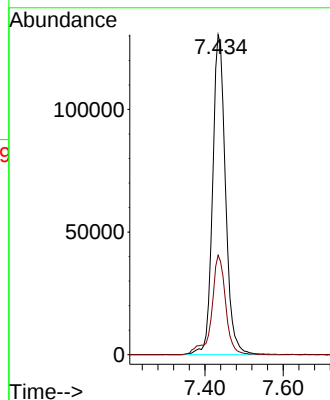
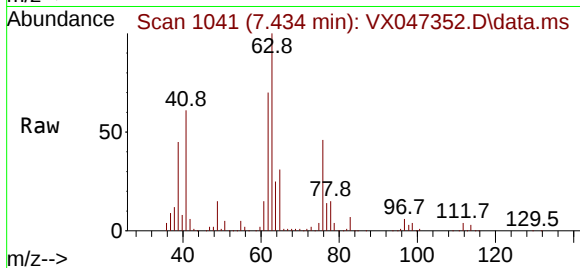
ClientSampleId :

Tgt Ion: 63 Resp: 298616

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 98.052 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

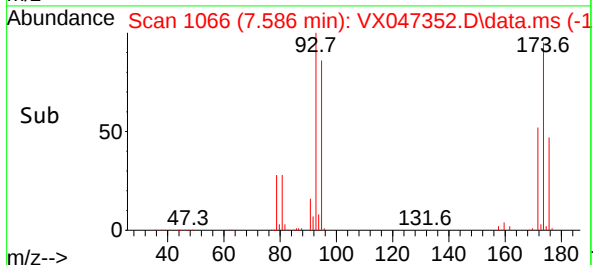
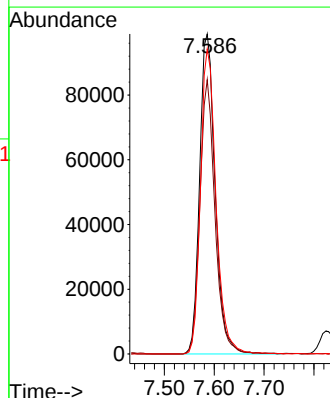
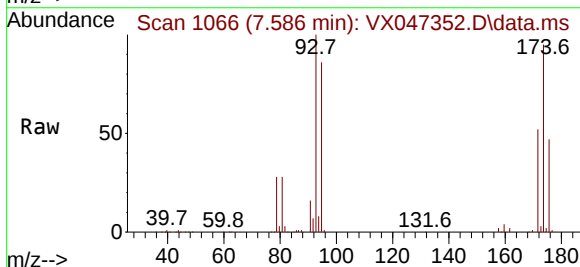
Tgt Ion: 93 Resp: 214069

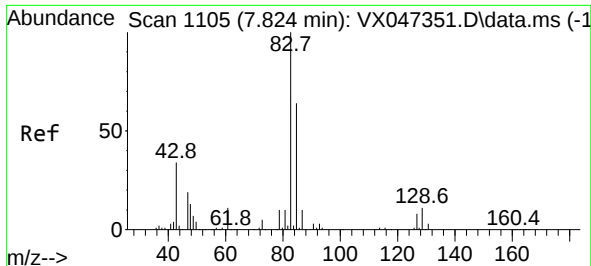
Ion Ratio Lower Upper

93 100

95 83.3 68.0 102.0

174 95.0 75.8 113.6

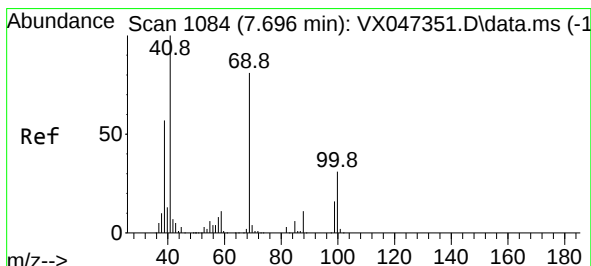
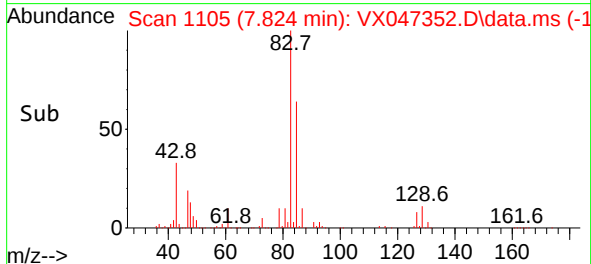
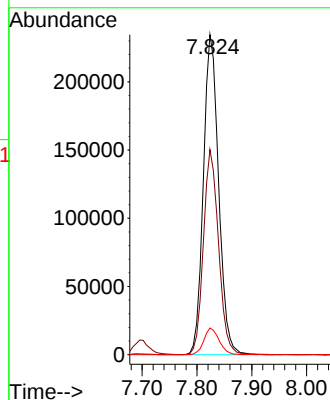
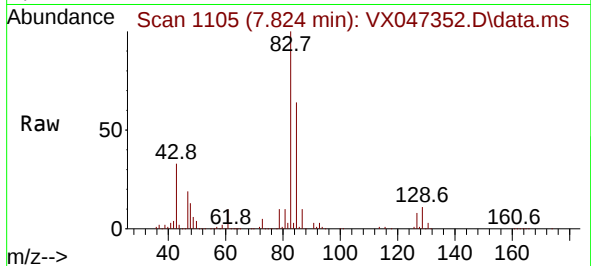




#47
Bromodichloromethane
Concen: 99.995 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

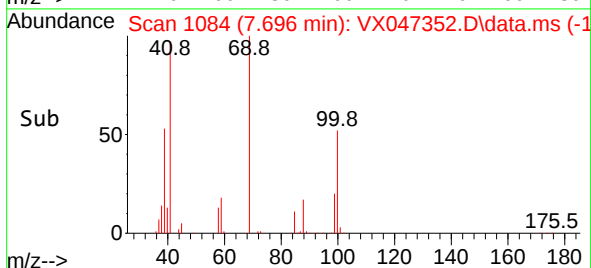
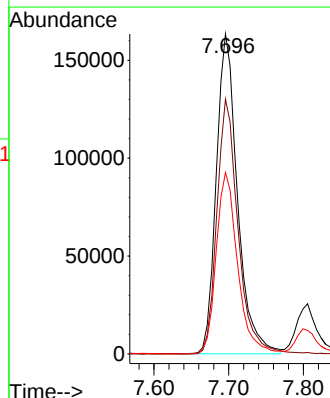
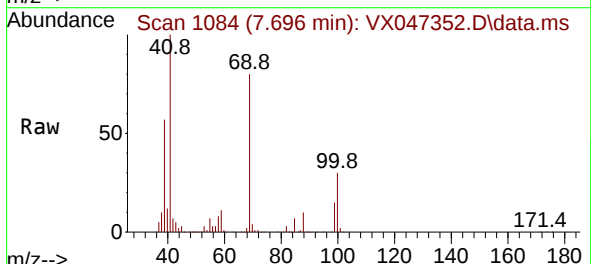
Instrument :
MSVOA_X
ClientSampleId :

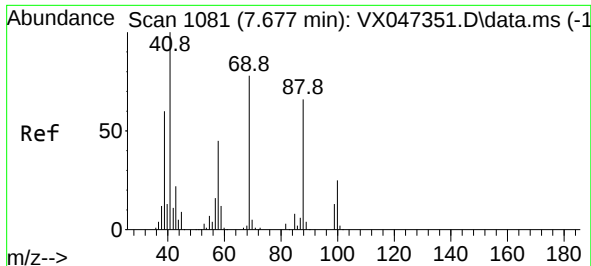
Tgt Ion: 83 Resp: 452578
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.6
127 8.3 7.0 10.4



#48
Methyl methacrylate
Concen: 103.875 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 41 Resp: 322487
Ion Ratio Lower Upper
41 100
69 79.6 65.0 97.4
39 57.1 45.7 68.5





#49

1,4-Dioxane

Concen: 2073.830 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.006 min

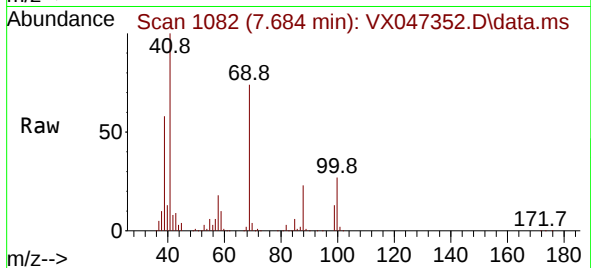
Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :



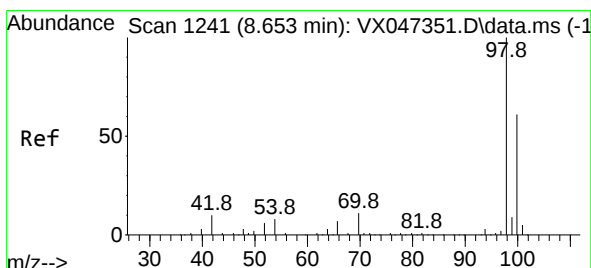
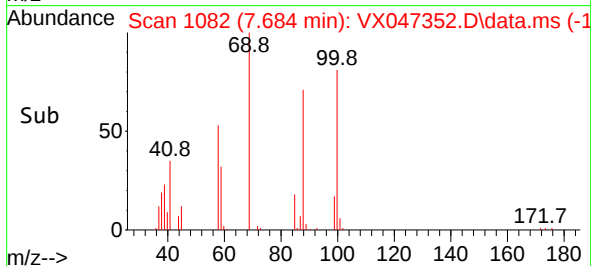
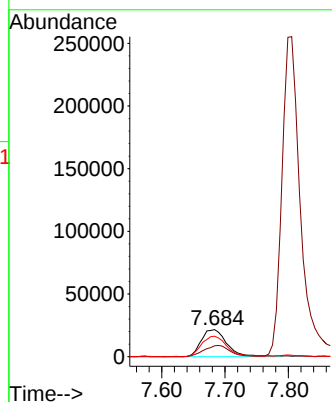
Tgt Ion: 88 Resp: 61142

Ion Ratio Lower Upper

88 100

43 40.9 32.4 48.6

58 74.8 56.9 85.3



#50

Toluene-d8

Concen: 107.419 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047352.D

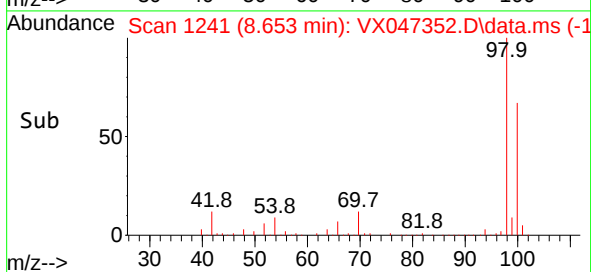
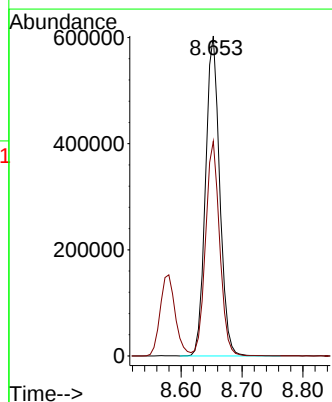
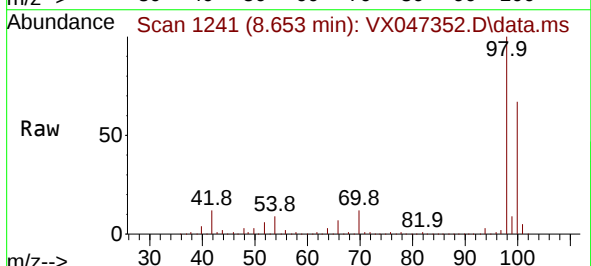
Acq: 15 Aug 2025 10:43

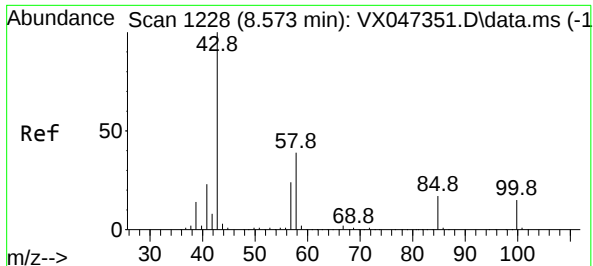
Tgt Ion: 98 Resp: 975414

Ion Ratio Lower Upper

98 100

100 66.7 53.9 80.9

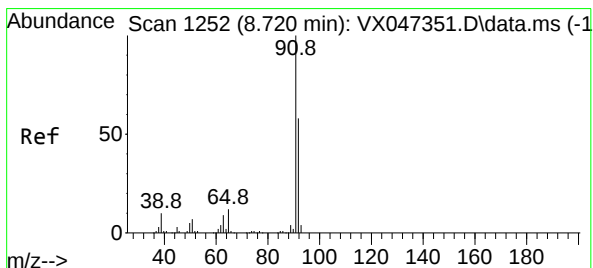
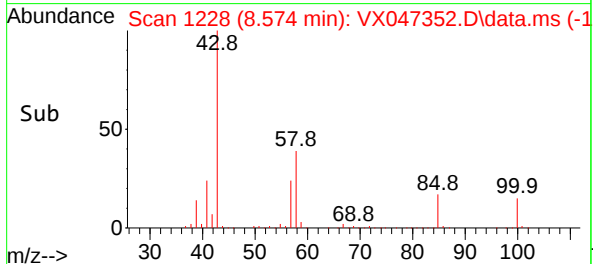
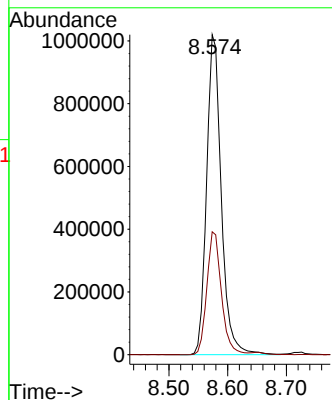
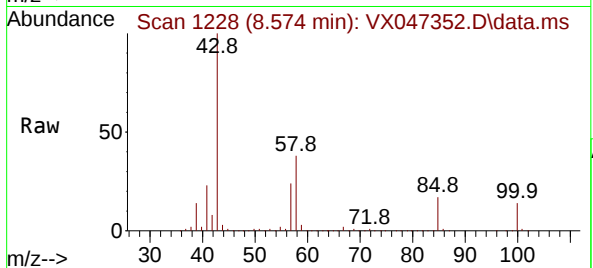




#51
4-Methyl-2-Pentanone
Concen: 513.097 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

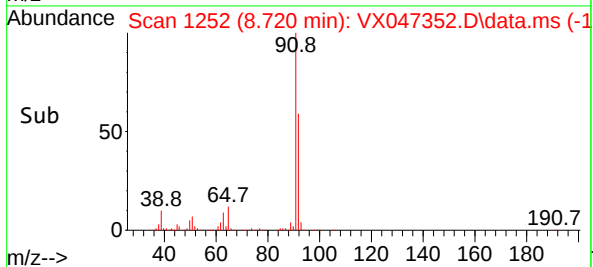
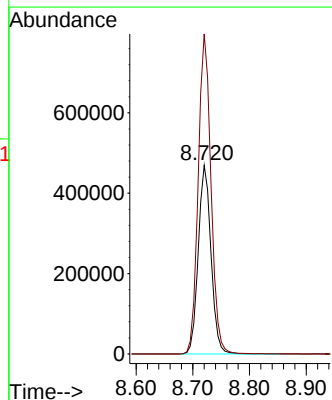
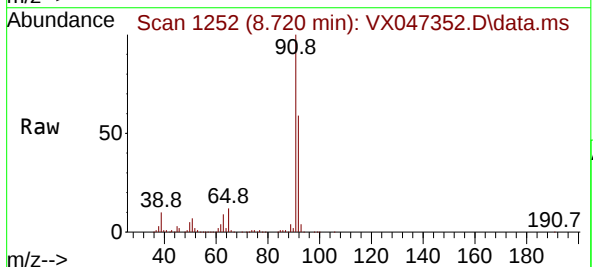
Instrument :
MSVOA_X
ClientSampleId :

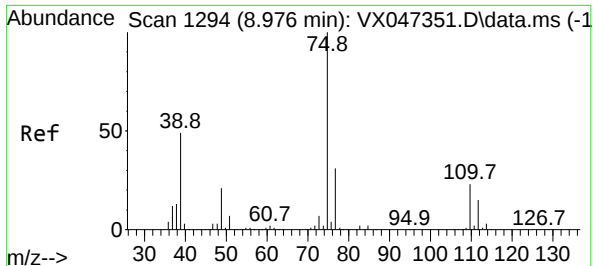
Tgt Ion: 43 Resp: 1766006
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8



#52
Toluene
Concen: 98.837 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 92 Resp: 733119
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 107.156 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

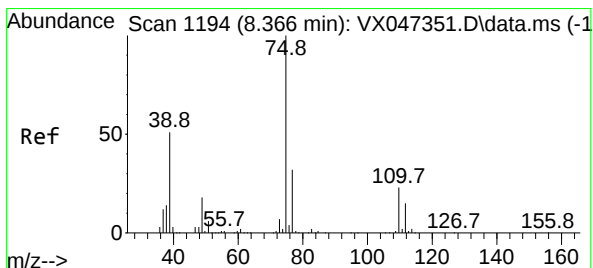
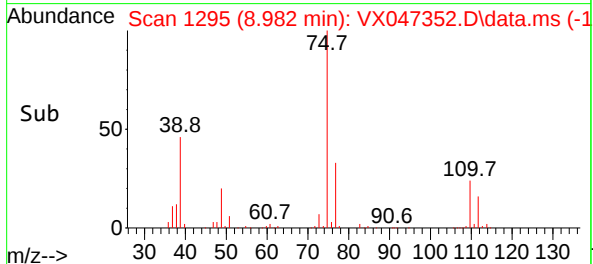
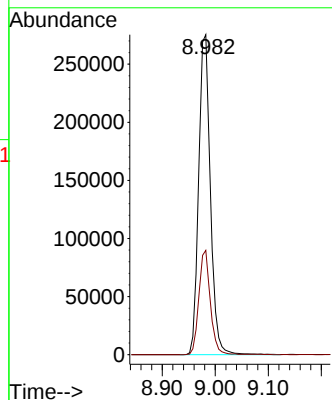
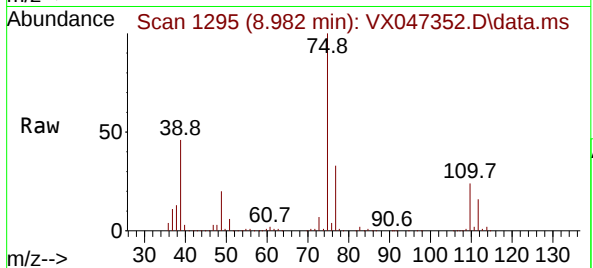
ClientSampleId :

Tgt Ion: 75 Resp: 423279

Ion Ratio Lower Upper

75 100

77 32.6 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 103.698 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

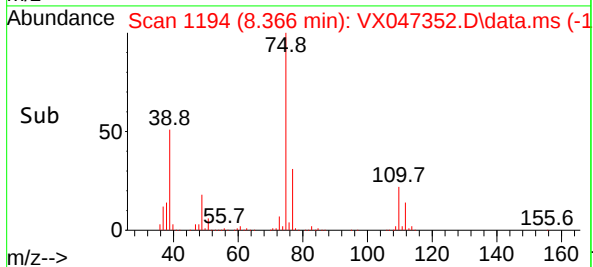
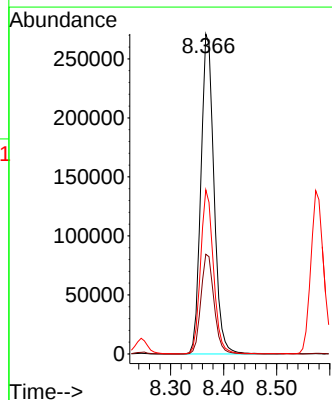
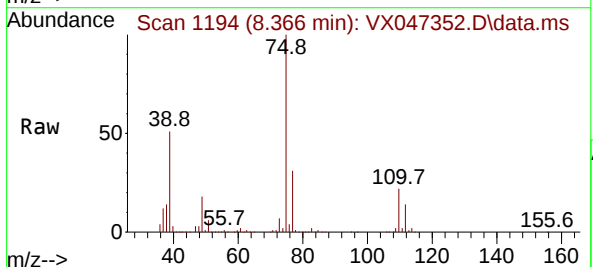
Tgt Ion: 75 Resp: 463640

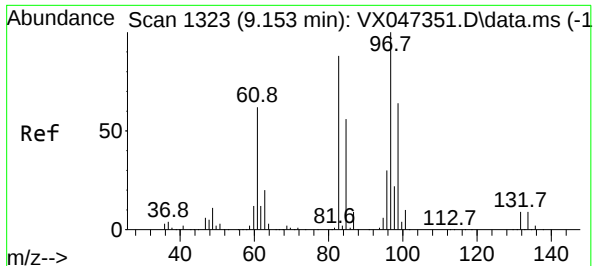
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

39 51.2 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 97.863 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 275607

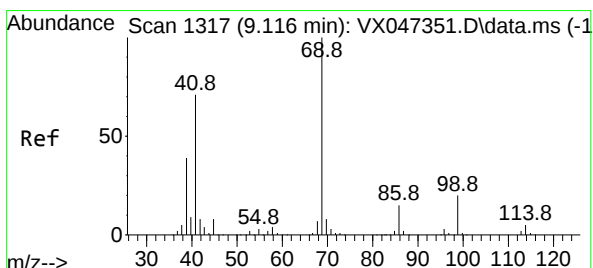
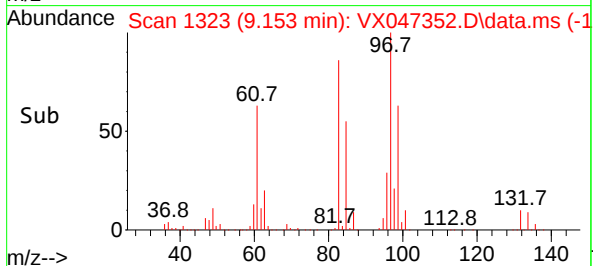
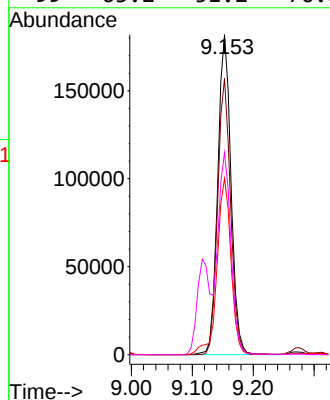
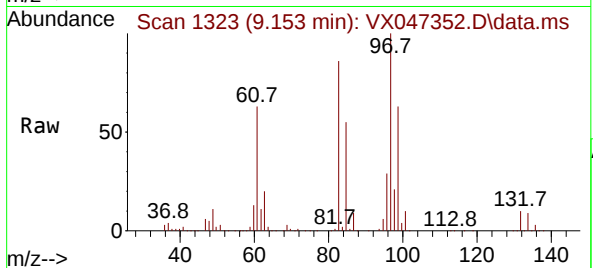
Ion Ratio Lower Upper

97 100

83 86.3 70.6 106.0

85 55.0 44.7 67.1

99 63.2 51.2 76.8



#56

Ethyl methacrylate

Concen: 106.154 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

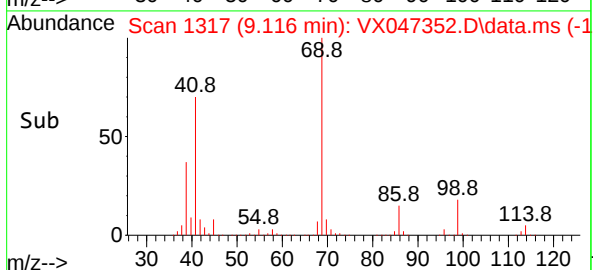
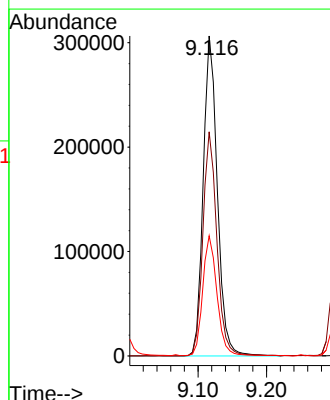
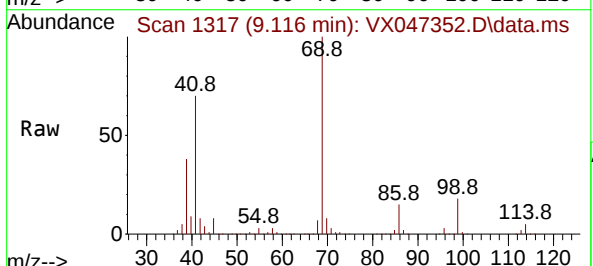
Tgt Ion: 69 Resp: 440765

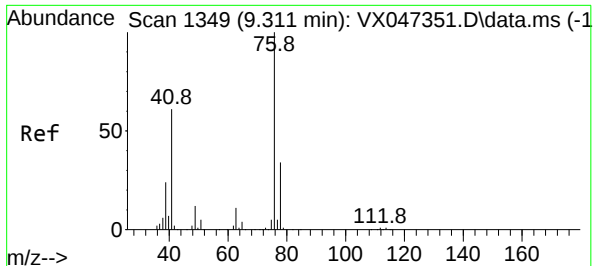
Ion Ratio Lower Upper

69 100

41 69.4 55.3 82.9

39 37.6 30.2 45.2





#57

1,3-Dichloropropane

Concen: 97.899 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

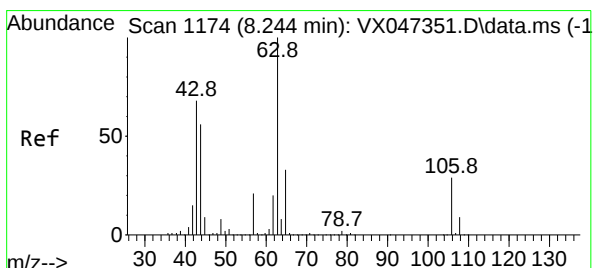
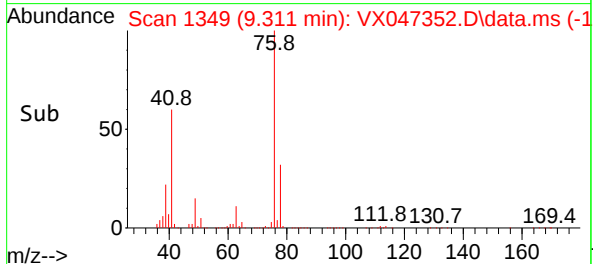
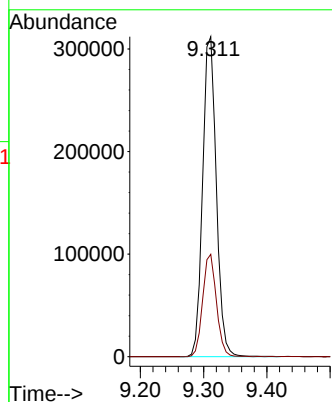
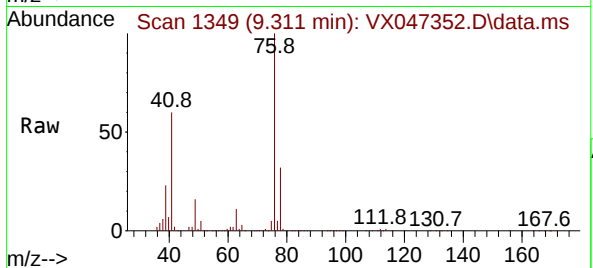
ClientSampleId :

Tgt Ion: 76 Resp: 469804

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 496.016 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047352.D

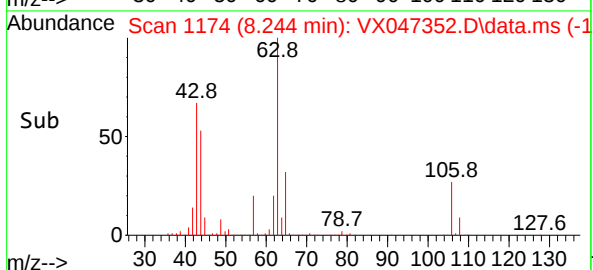
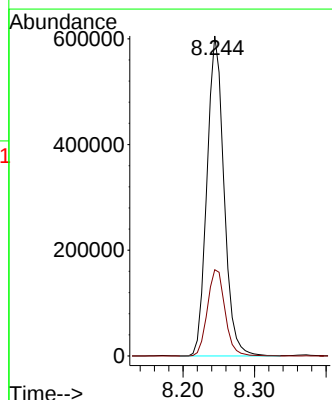
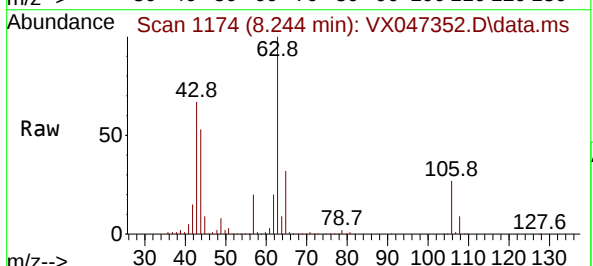
Acq: 15 Aug 2025 10:43

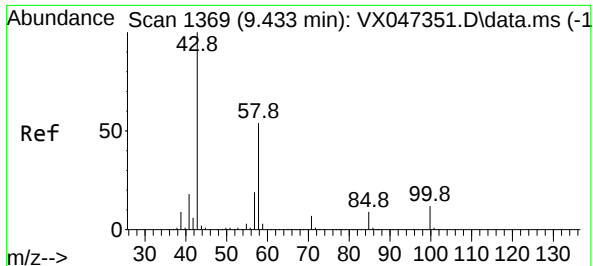
Tgt Ion: 63 Resp: 1000312

Ion Ratio Lower Upper

63 100

106 27.9 22.8 34.2





#59

2-Hexanone

Concen: 510.384 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

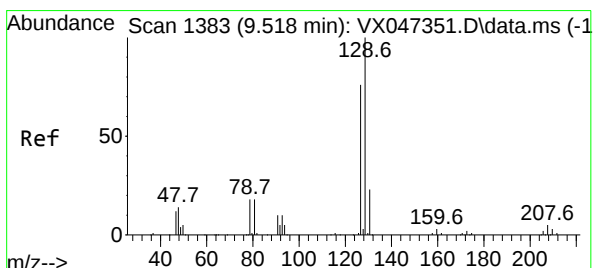
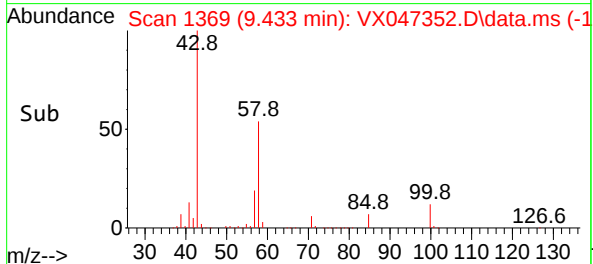
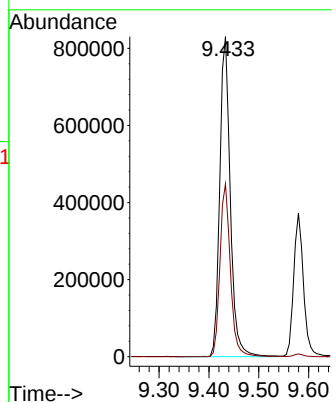
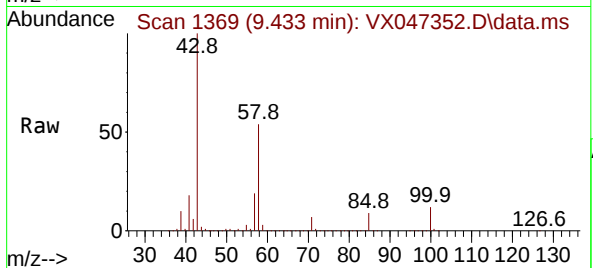
ClientSampleId :

Tgt Ion: 43 Resp: 1215128

Ion Ratio Lower Upper

43 100

58 53.7 26.9 80.7



#60

Dibromochloromethane

Concen: 99.621 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047352.D

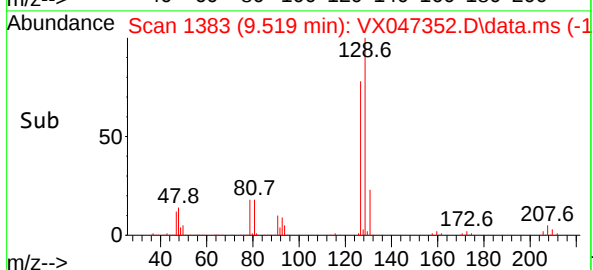
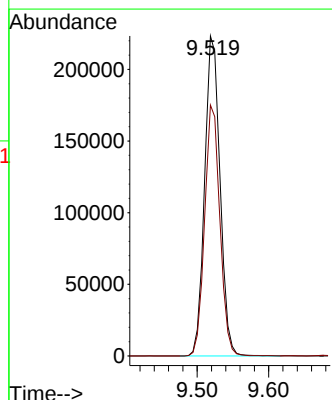
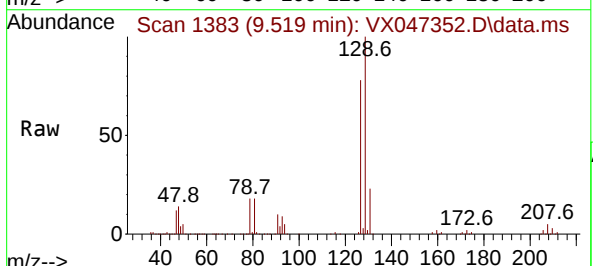
Acq: 15 Aug 2025 10:43

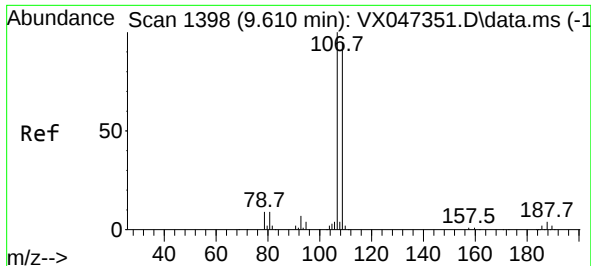
Tgt Ion:129 Resp: 333420

Ion Ratio Lower Upper

129 100

127 77.7 38.9 116.6

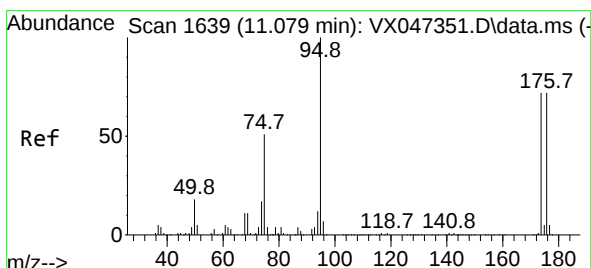
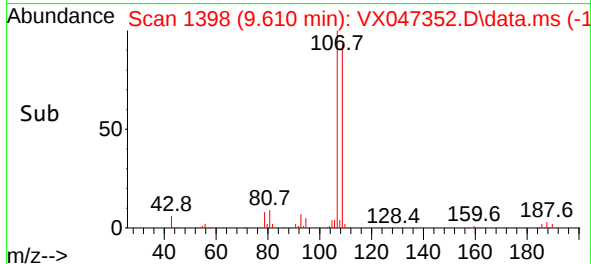
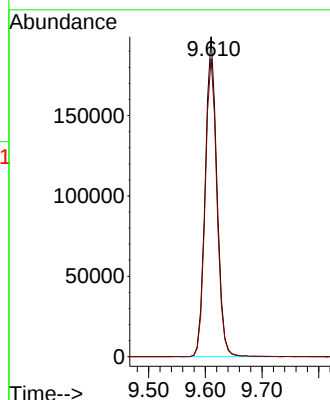
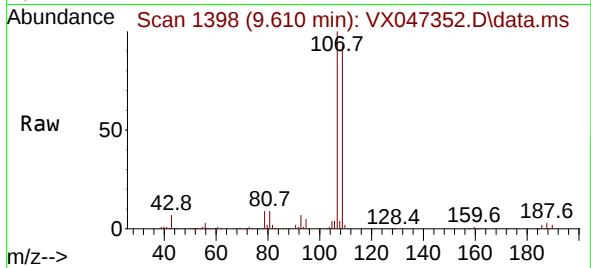




#61
1,2-Dibromoethane
Concen: 98.420 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

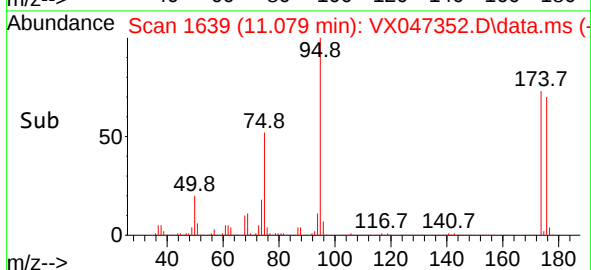
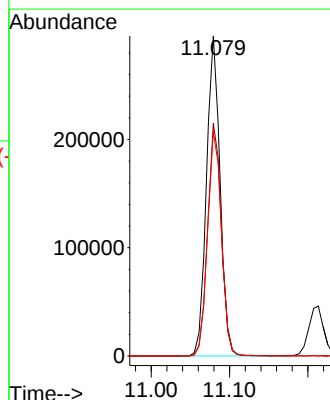
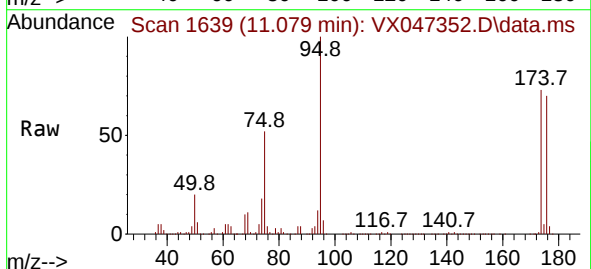
Instrument :
MSVOA_X
ClientSampleId :

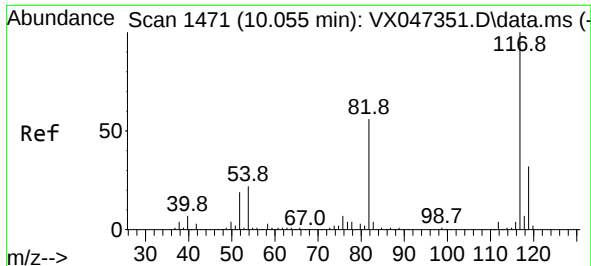
Tgt Ion:107 Resp: 285821
Ion Ratio Lower Upper
107 100
109 93.7 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 105.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 95 Resp: 353668
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 71.9 0.0 145.4

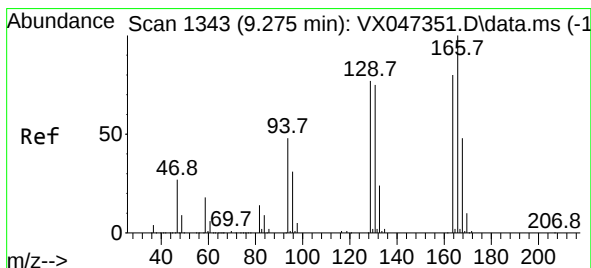
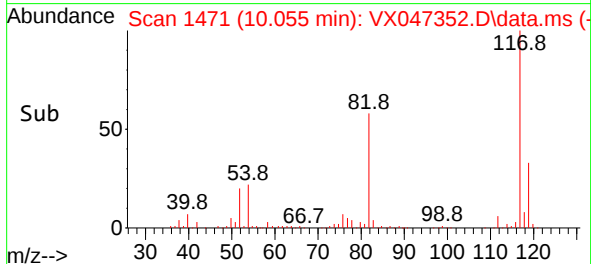
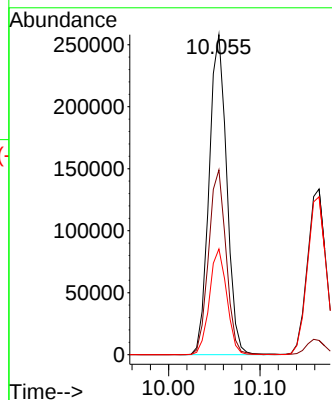
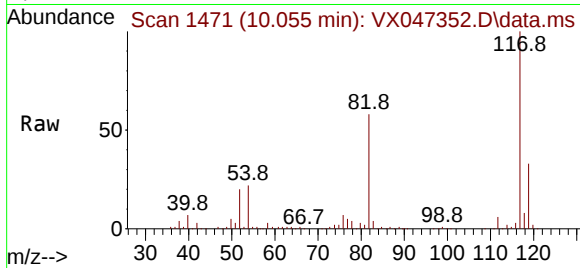




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

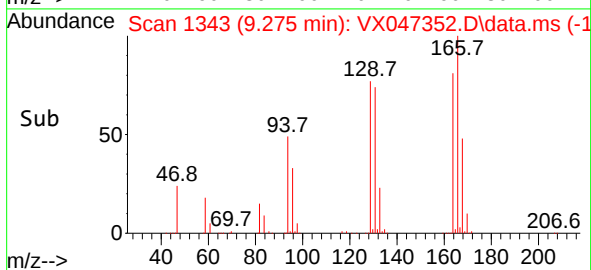
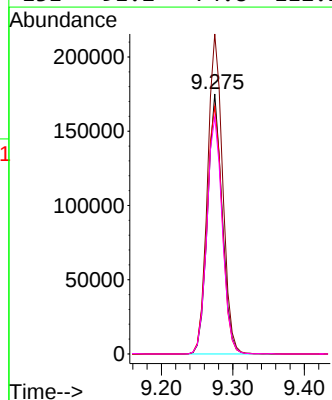
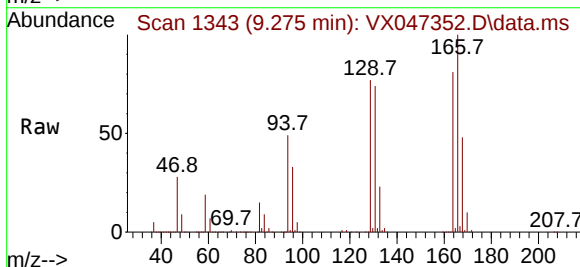
Instrument :
MSVOA_X
ClientSampleId :

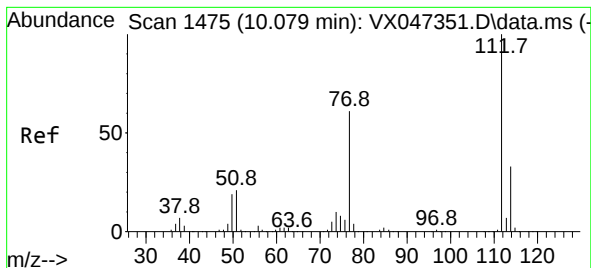
Tgt Ion:117 Resp: 345492
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.4
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 99.506 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:164 Resp: 248666
Ion Ratio Lower Upper
164 100
166 123.1 100.3 150.5
129 95.2 77.7 116.5
131 91.2 74.8 112.2

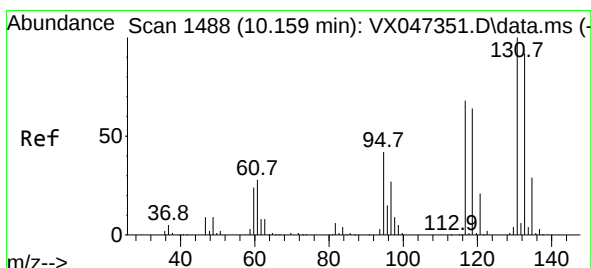
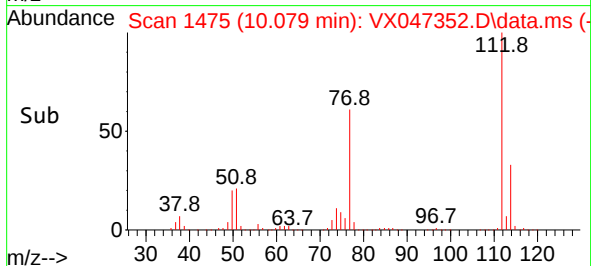
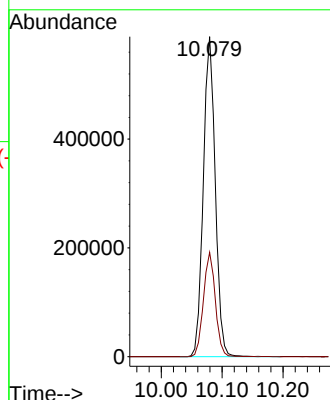
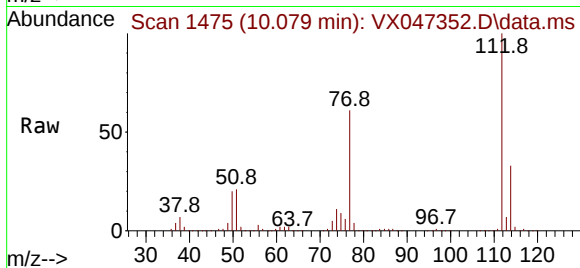




#65
Chlorobenzene
Concen: 97.887 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

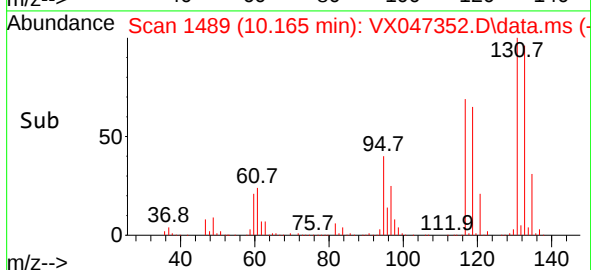
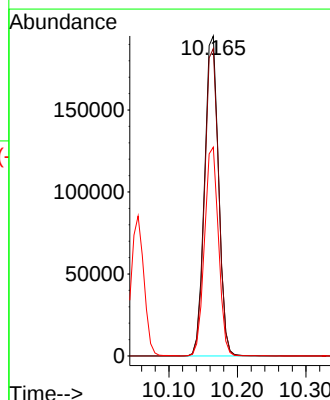
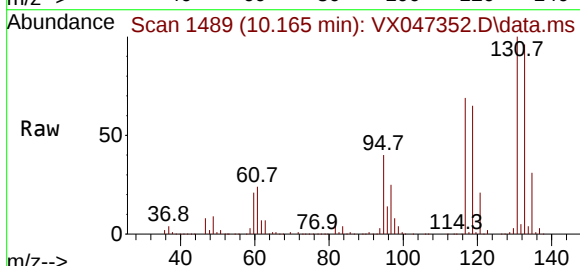
Instrument :
MSVOA_X
ClientSampleId :

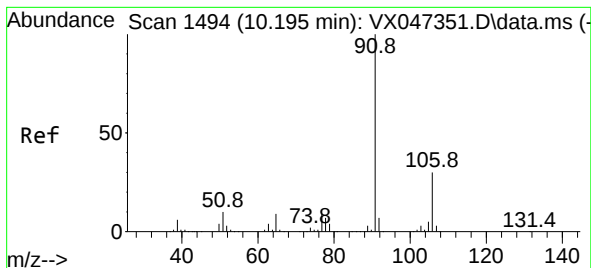
Tgt Ion:112 Resp: 803672
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 100.380 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:131 Resp: 278595
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 65.3 32.3 96.8





#67

Ethyl Benzene

Concen: 100.832 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

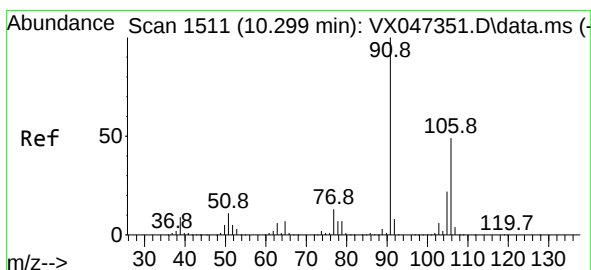
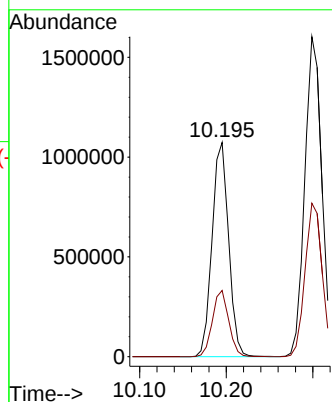
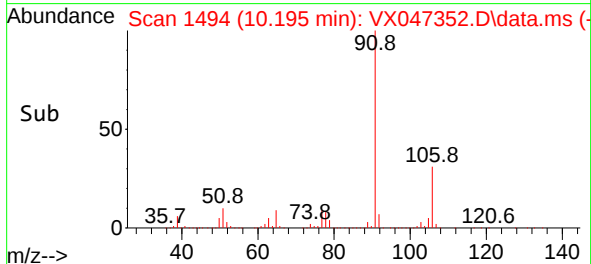
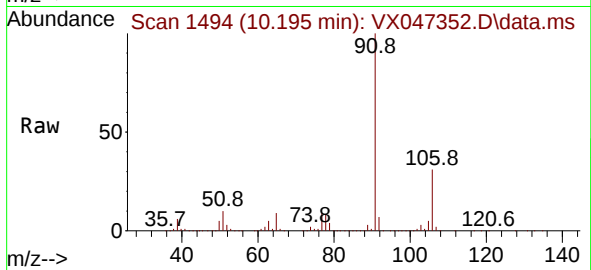
ClientSampleId :

Tgt Ion: 91 Resp: 1424862

Ion Ratio Lower Upper

91 100

106 30.9 24.4 36.6



#68

m/p-Xylenes

Concen: 200.518 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047352.D

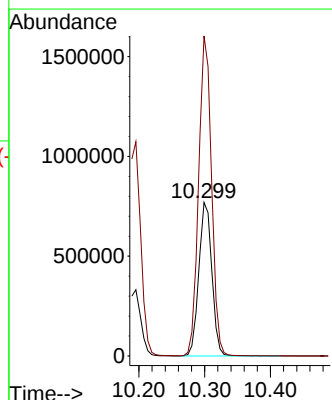
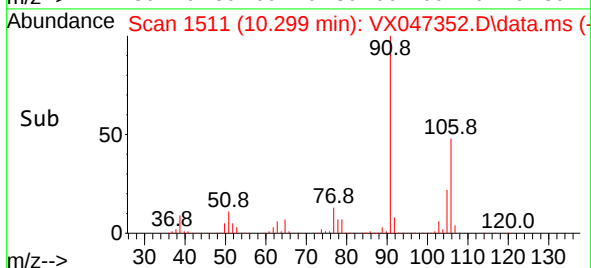
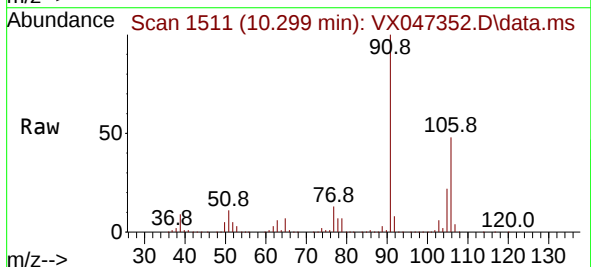
Acq: 15 Aug 2025 10:43

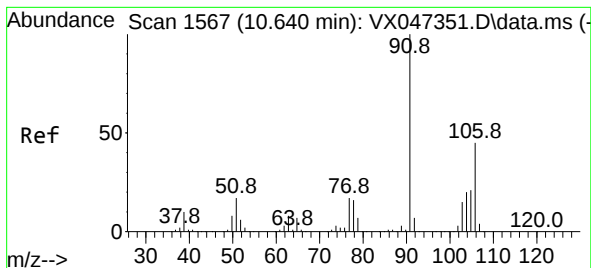
Tgt Ion: 106 Resp: 1056553

Ion Ratio Lower Upper

106 100

91 207.5 164.7 247.1

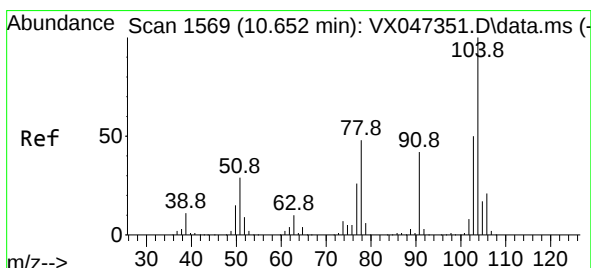
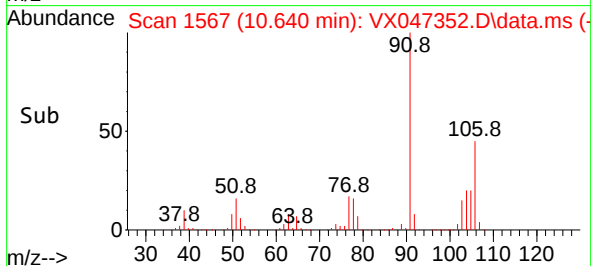
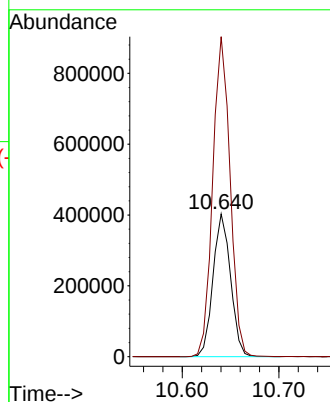
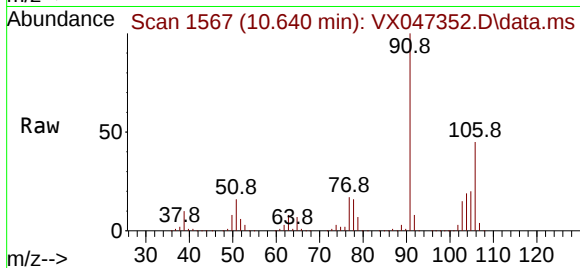




#69
o-Xylene
Concen: 100.188 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

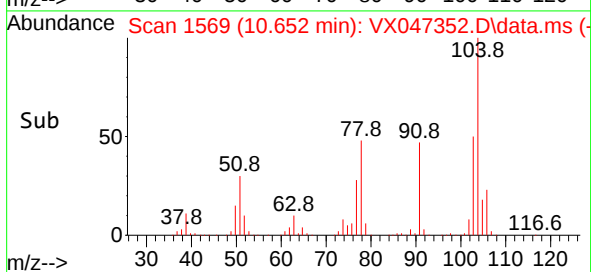
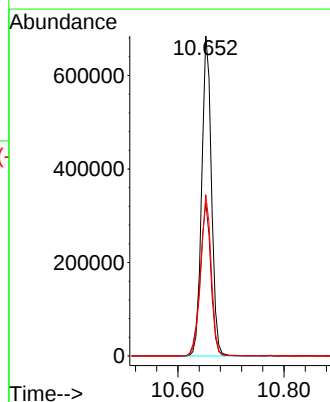
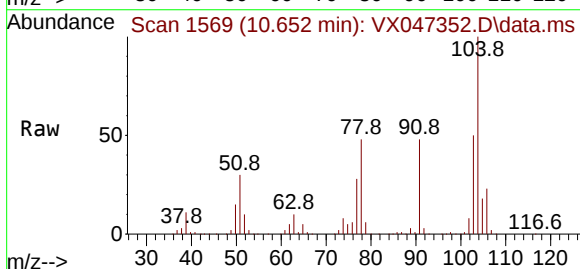
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 508020
Ion Ratio Lower Upper
106 100
91 222.6 110.6 331.8



#70
Styrene
Concen: 102.509 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:104 Resp: 878271
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 54.2 43.6 65.4





#71

Bromoform

Concen: 101.376 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

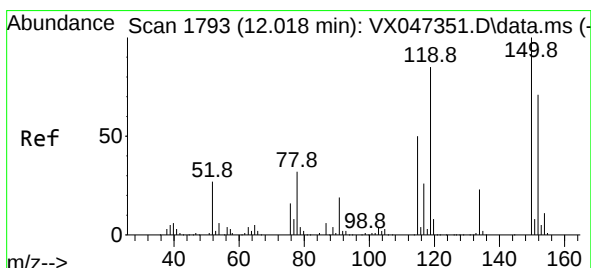
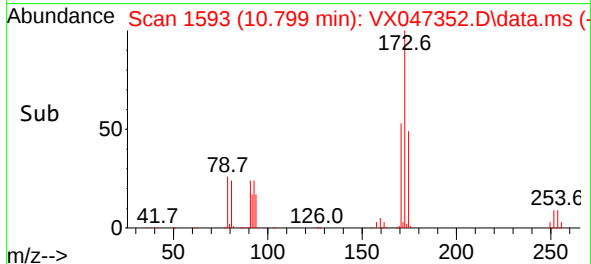
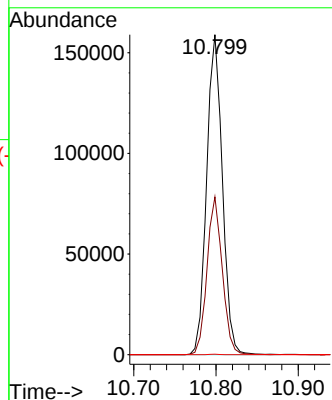
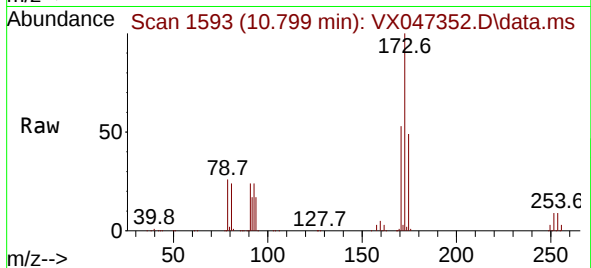
Tgt Ion:173 Resp: 211374

Ion Ratio Lower Upper

173 100

175 47.9 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: VX047352.D

Acq: 15 Aug 2025 10:43

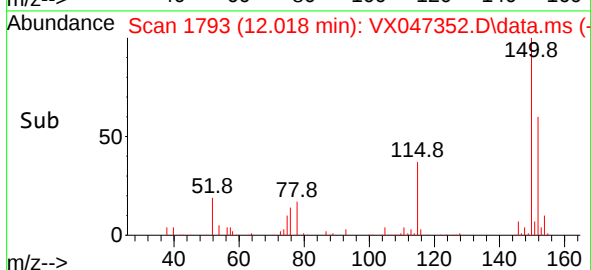
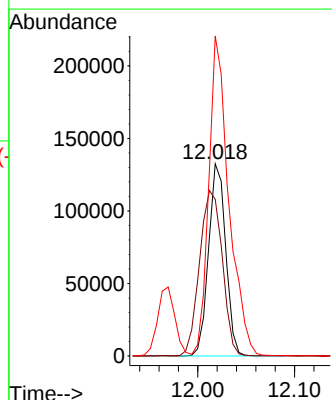
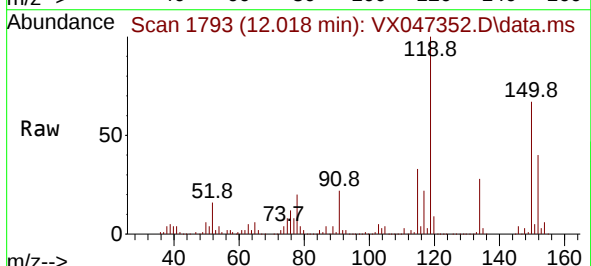
Tgt Ion:152 Resp: 163776

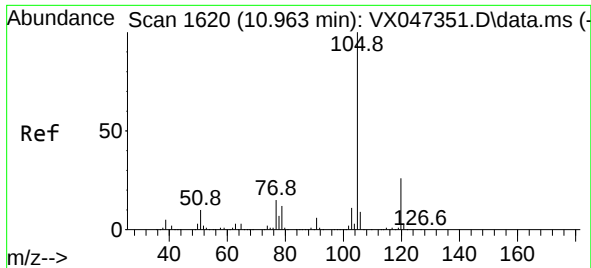
Ion Ratio Lower Upper

152 100

115 113.9 44.6 133.8

150 194.8 0.0 349.8

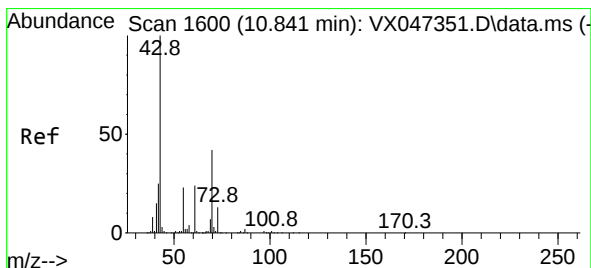
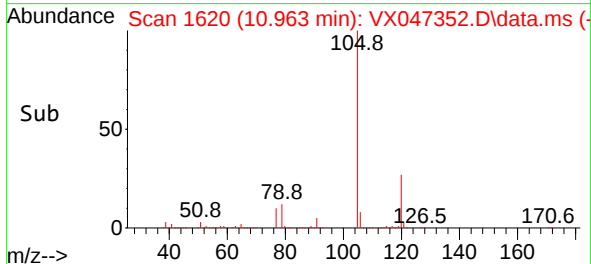
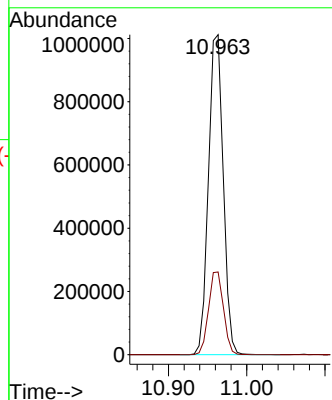
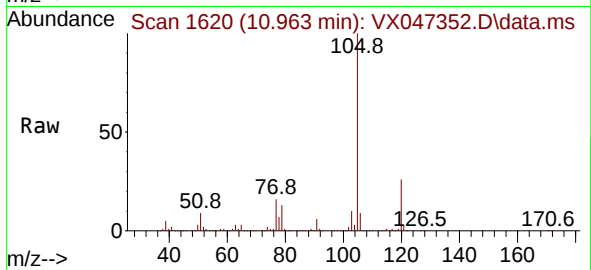




#73
Isopropylbenzene
Concen: 103.466 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

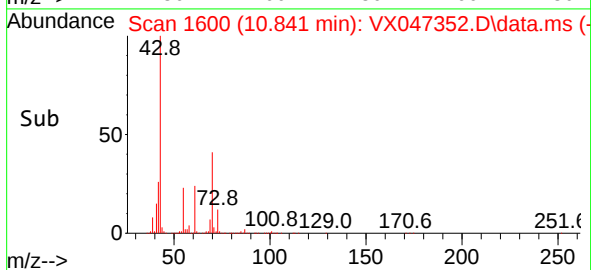
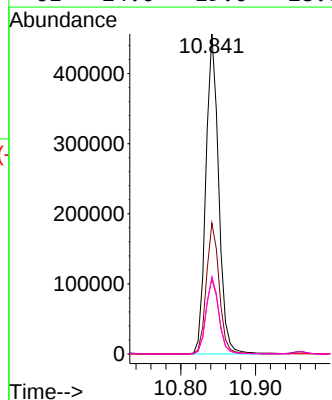
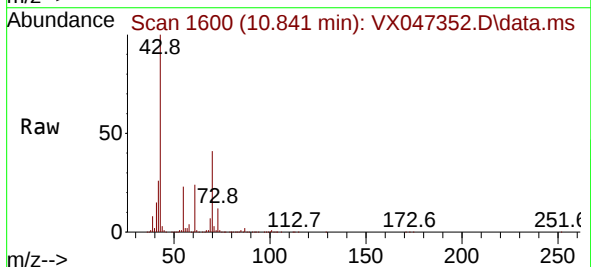
Instrument :
MSVOA_X
ClientSampleId :

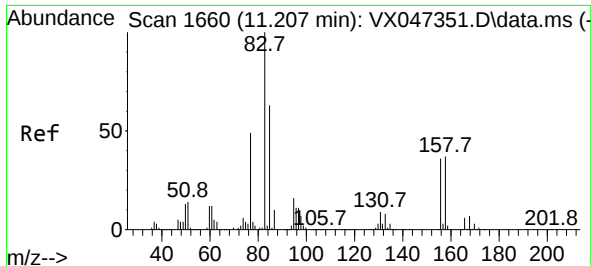
Tgt Ion:105 Resp: 1326045
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 111.573 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 43 Resp: 543008
Ion Ratio Lower Upper
43 100
70 40.9 33.1 49.7
55 23.6 19.0 28.6
61 24.0 19.0 28.6

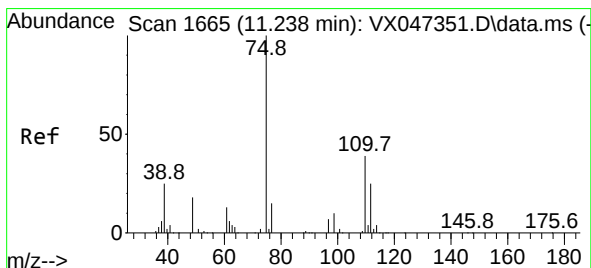
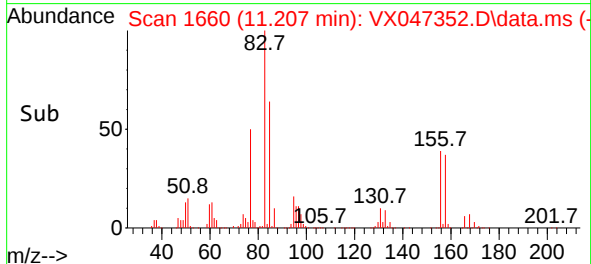
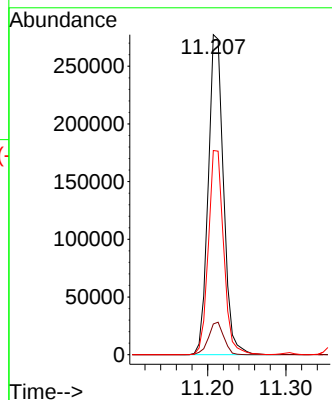
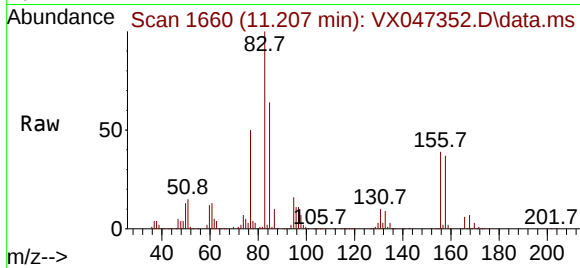




#75
1,1,2,2-Tetrachloroethane
Concen: 99.448 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

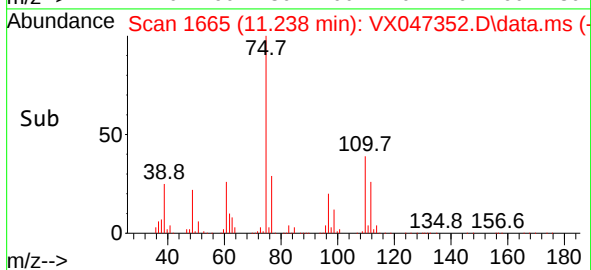
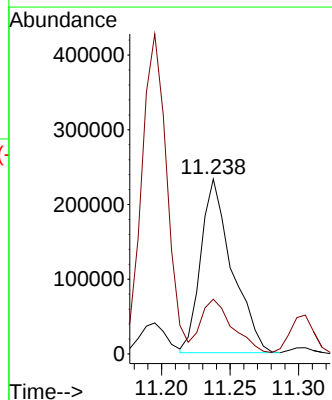
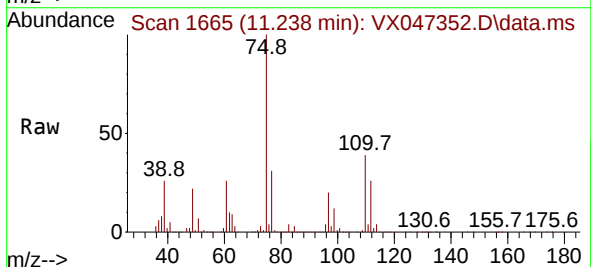
Instrument :
MSVOA_X
ClientSampleId :

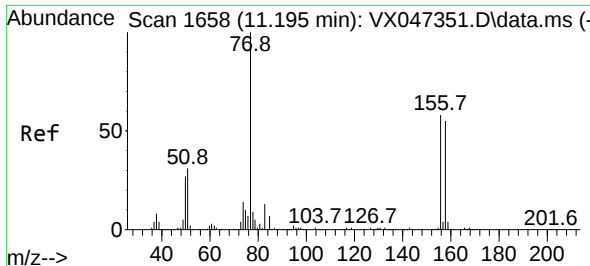
Tgt Ion:	83	Resp:	374215
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	63.9	31.7	95.1



#76
1,2,3-Trichloropropane
Concen: 122.967 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:	75	Resp:	369374
Ion Ratio	Lower	Upper	
75	100		
77	32.4	19.4	58.2

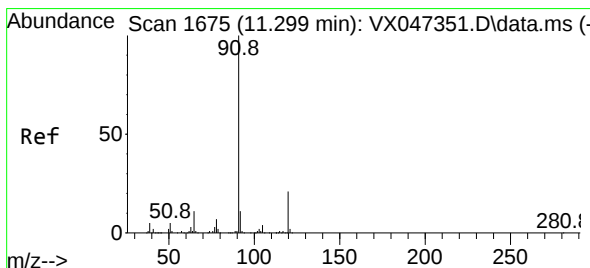
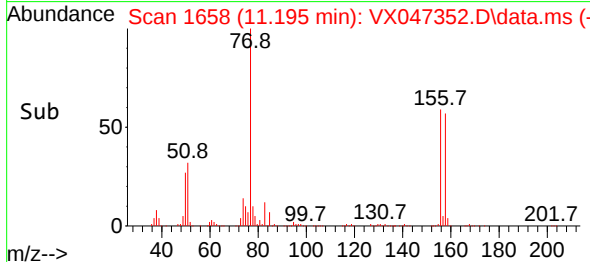
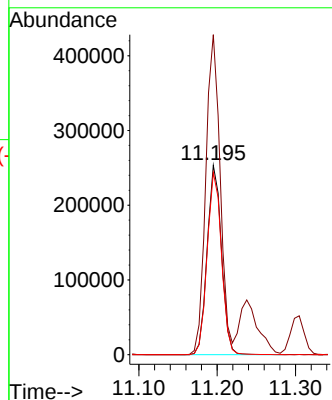
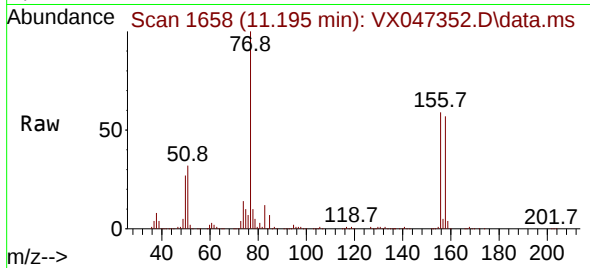




#77
Bromobenzene
Concen: 102.397 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

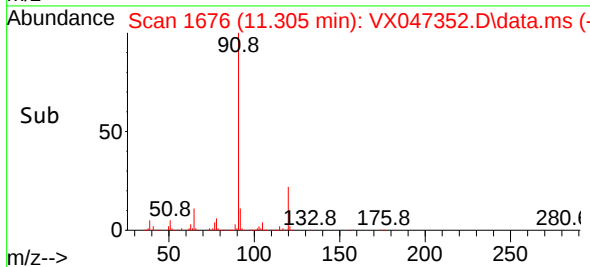
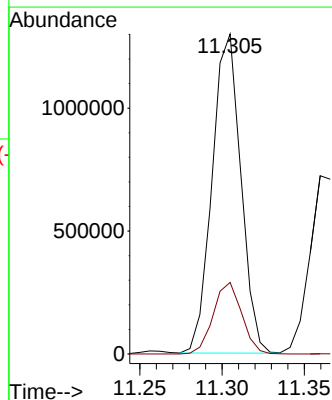
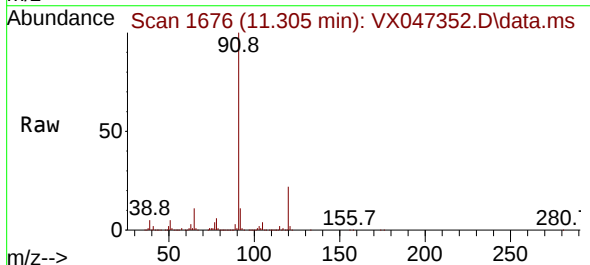
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:156 Resp: 320460
Ion Ratio Lower Upper
156 100
77 170.5 86.3 258.9
158 96.6 48.0 144.2



#78
n-propylbenzene
Concen: 103.081 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1577819
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0

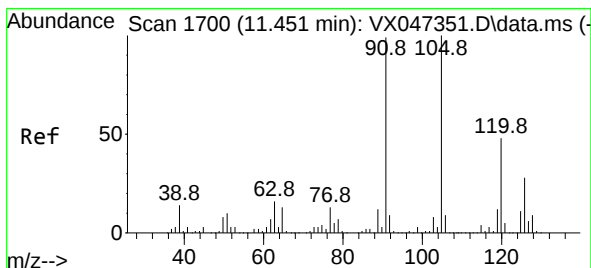
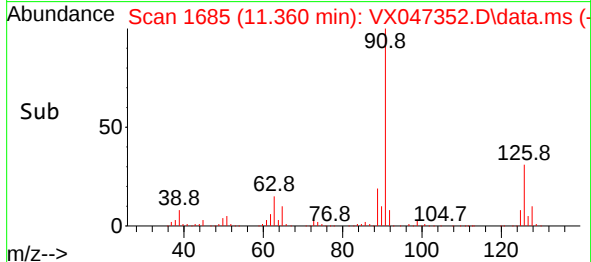
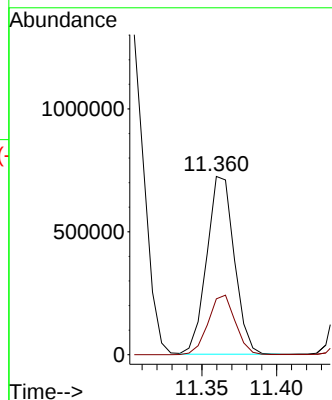
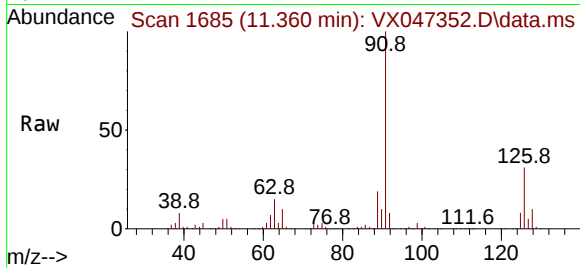




#79
2-Chlorotoluene
Concen: 100.105 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

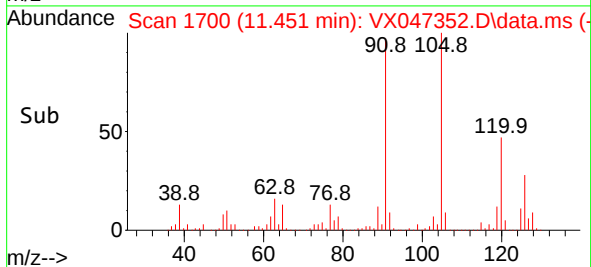
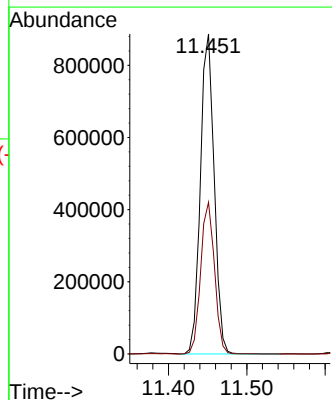
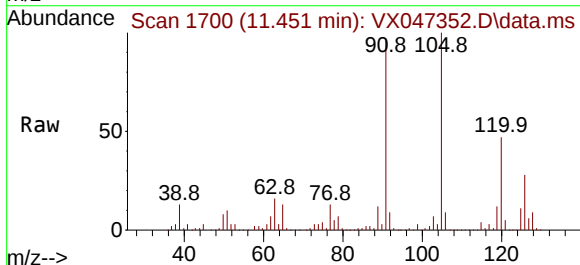
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 926261
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 102.852 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion:105 Resp: 1084580
Ion Ratio Lower Upper
105 100
120 47.5 23.9 71.7

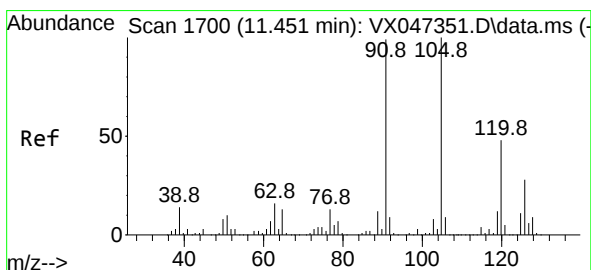
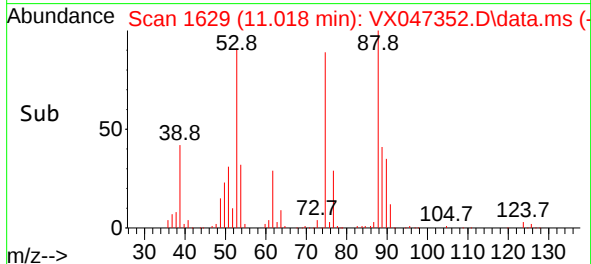
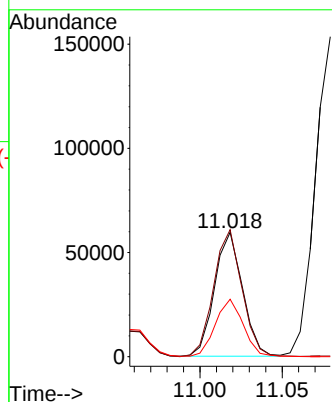
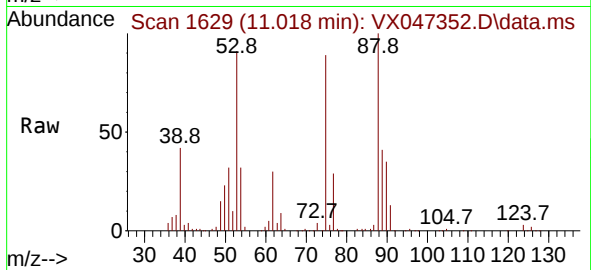




#81
trans-1,4-Dichloro-2-butene
Concen: 93.696 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

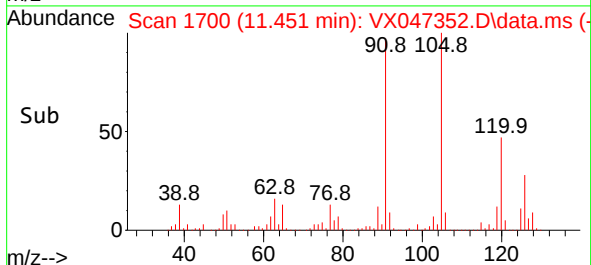
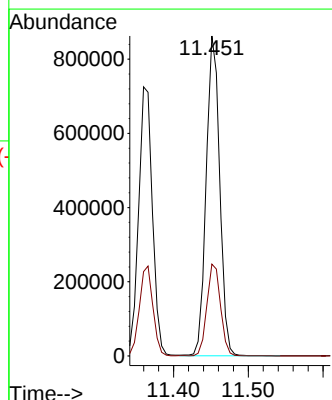
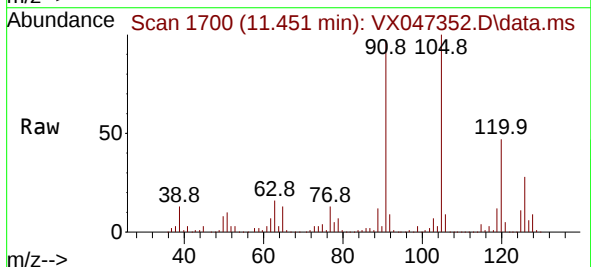
Instrument :
MSVOA_X
ClientSampleId :

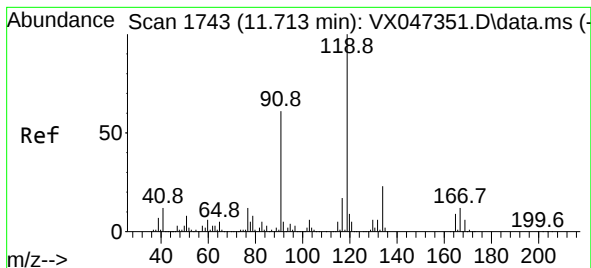
Tgt Ion: 75 Resp: 70384
Ion Ratio Lower Upper
75 100
53 103.8 85.2 127.8
89 46.5 36.7 55.1



#82
4-Chlorotoluene
Concen: 99.058 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 91 Resp: 1080450
Ion Ratio Lower Upper
91 100
126 29.1 14.4 43.0





#83

tert-Butylbenzene

Concen: 103.803 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

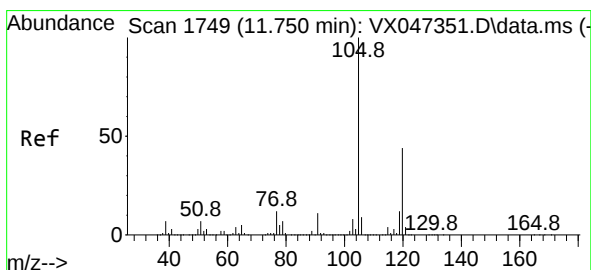
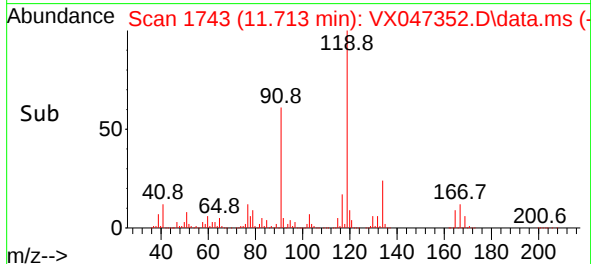
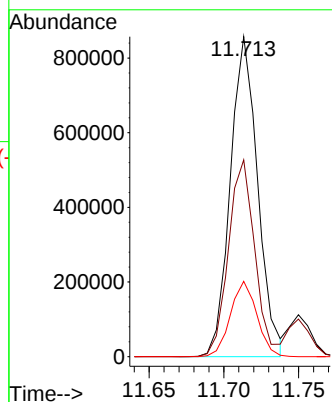
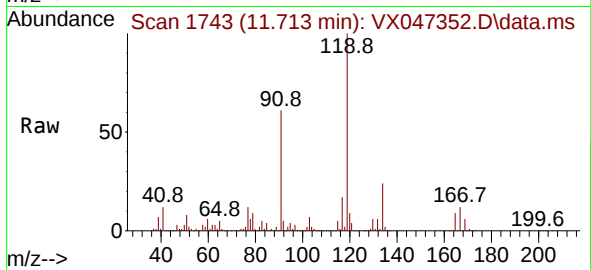
Tgt Ion:119 Resp: 1092054

Ion Ratio Lower Upper

119 100

91 59.5 29.1 87.4

134 22.8 11.3 33.9



#84

1,2,4-Trimethylbenzene

Concen: 103.064 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047352.D

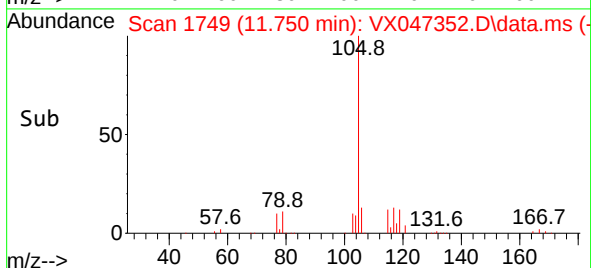
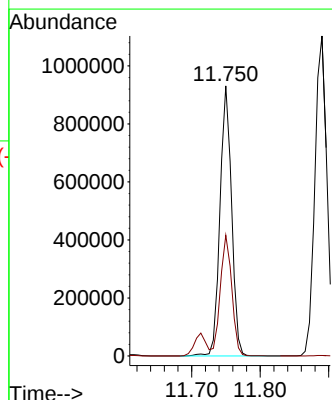
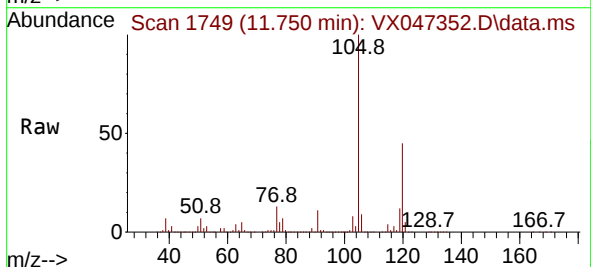
Acq: 15 Aug 2025 10:43

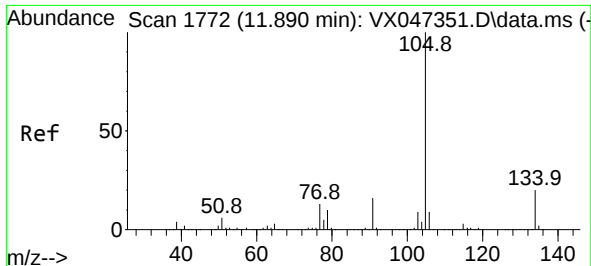
Tgt Ion:105 Resp: 1086843

Ion Ratio Lower Upper

105 100

120 44.4 21.9 65.7

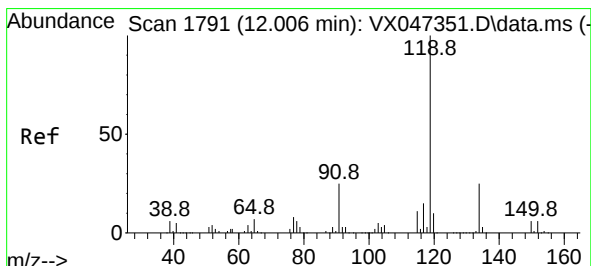
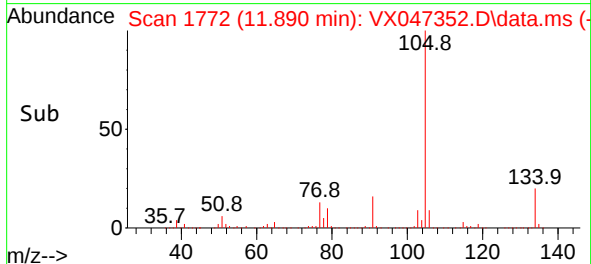
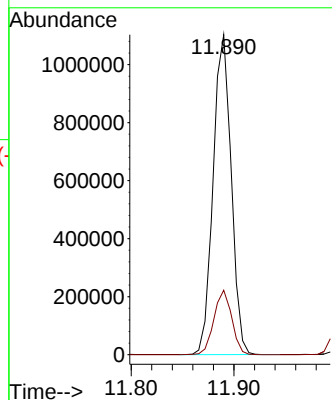
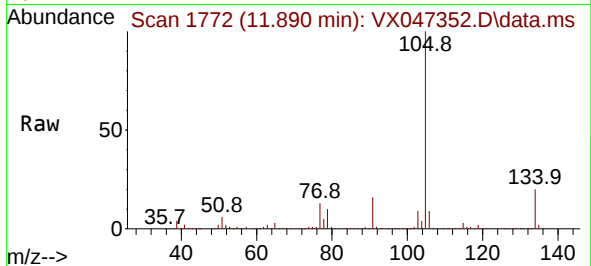




#85
 sec-Butylbenzene
 Concen: 103.010 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

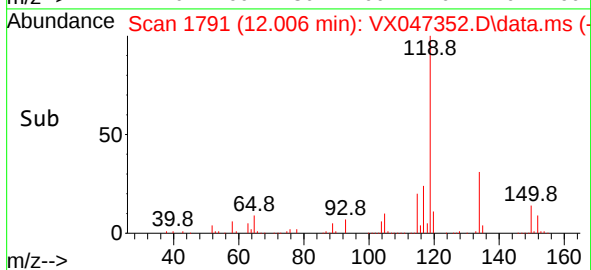
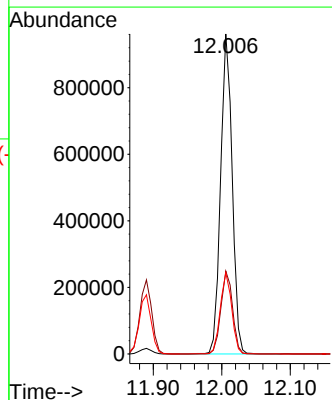
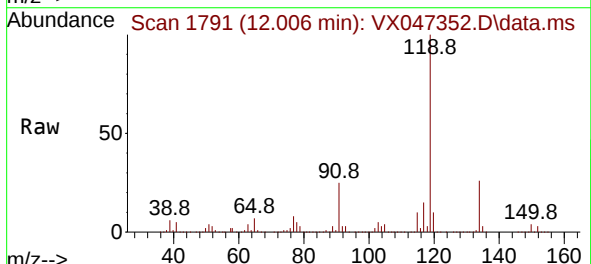
Instrument :
 MSVOA_X
 ClientSampleId :

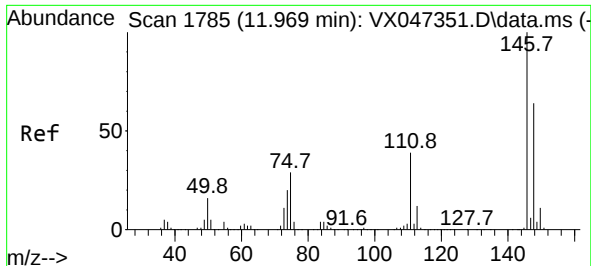
Tgt Ion:105 Resp: 1343222
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 101.405 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

Tgt Ion:119 Resp: 1118938
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 99.223 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

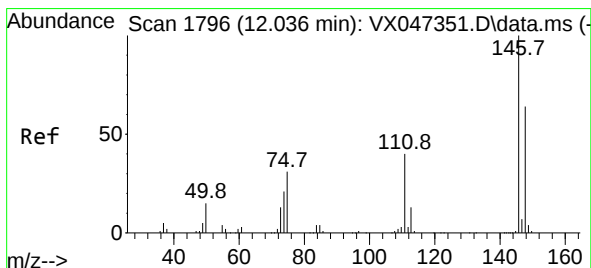
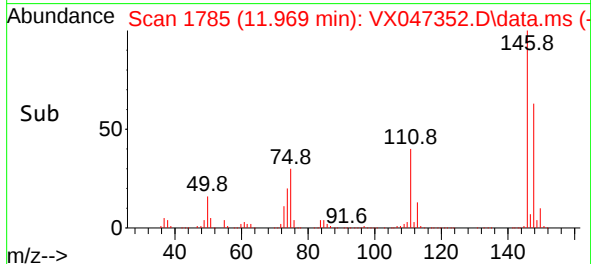
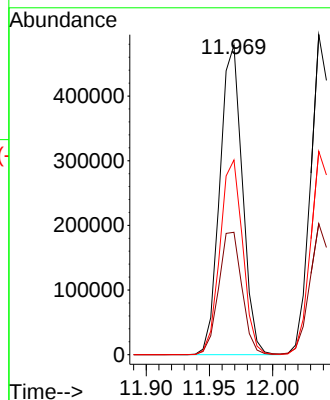
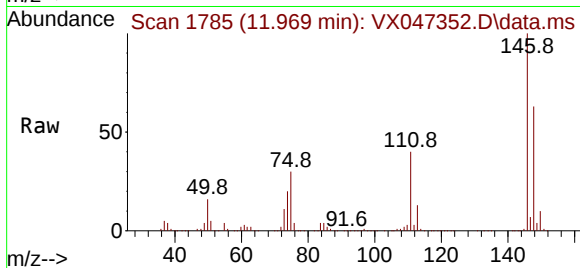
Tgt Ion:146 Resp: 593233

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 95.231 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

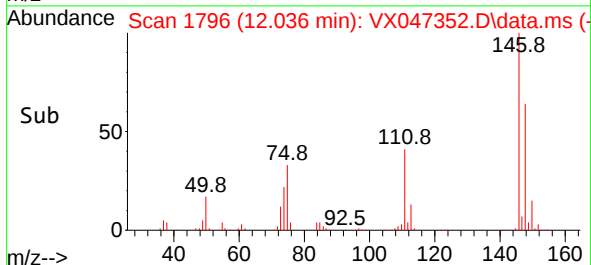
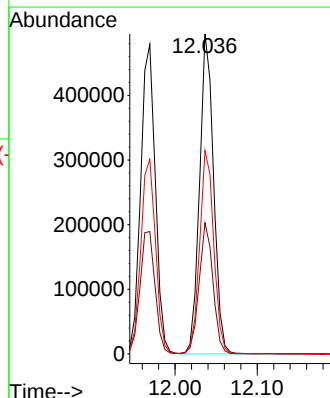
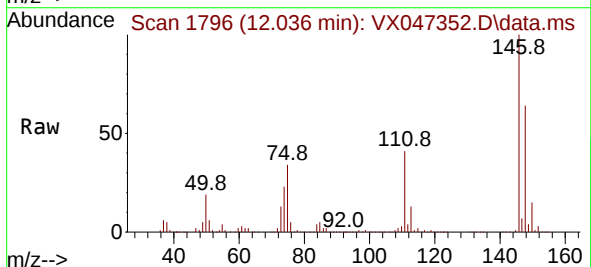
Tgt Ion:146 Resp: 585597

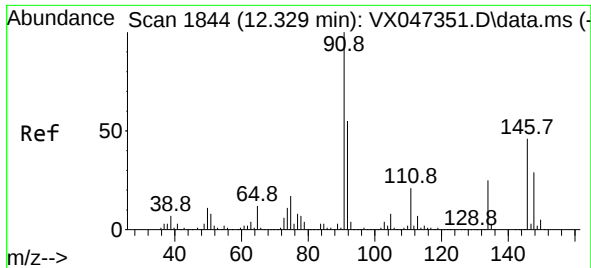
Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.2

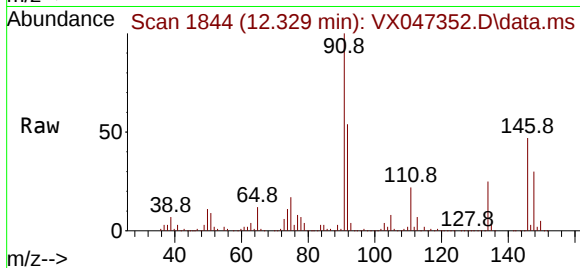
148 64.2 31.7 95.1



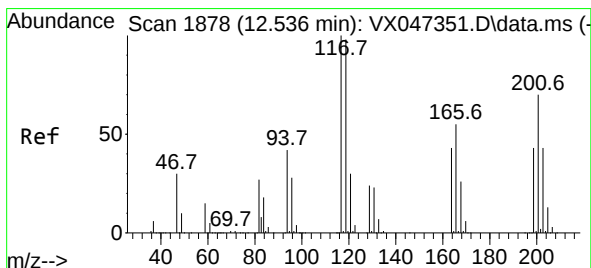
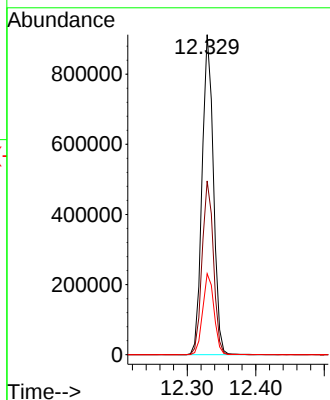
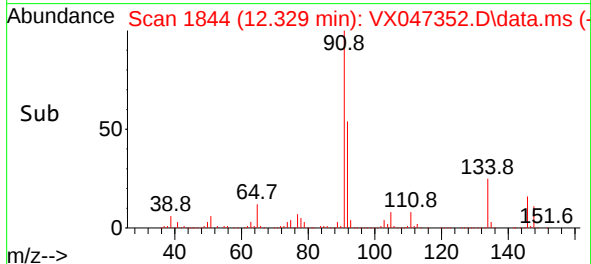


#89
n-Butylbenzene
Concen: 102.394 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :

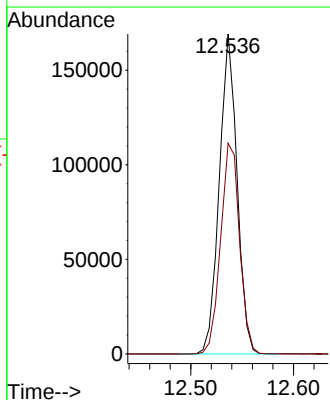
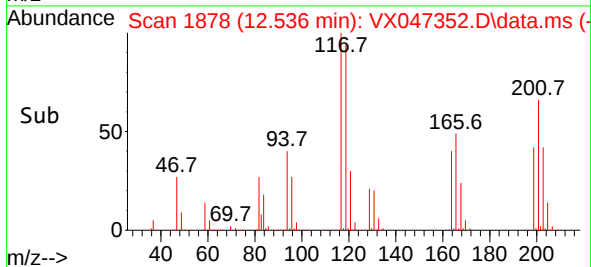
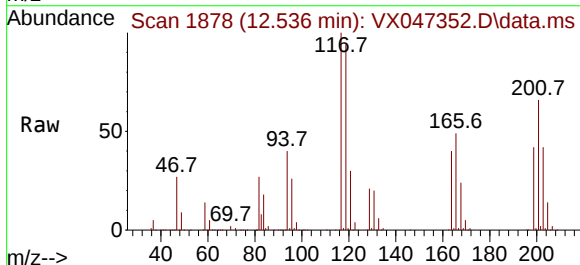


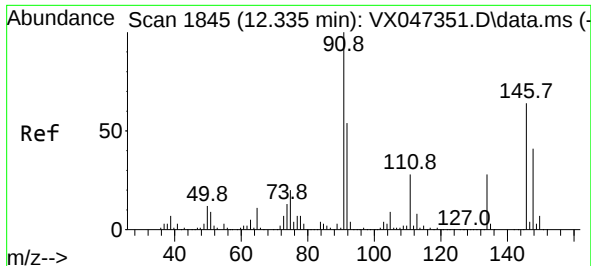
Tgt Ion: 91 Resp: 1050897
Ion Ratio Lower Upper
91 100
92 54.4 27.2 81.5
134 25.4 12.6 37.8



#90
Hexachloroethane
Concen: 104.570 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047352.D
Acq: 15 Aug 2025 10:43

Tgt Ion: 117 Resp: 202423
Ion Ratio Lower Upper
117 100
201 70.5 35.1 105.3

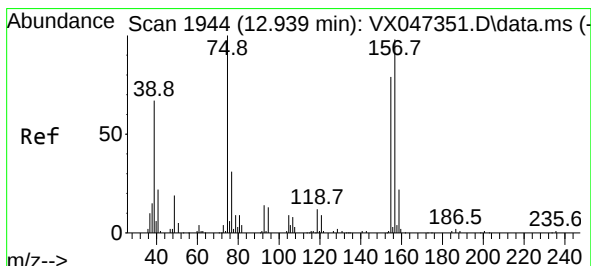
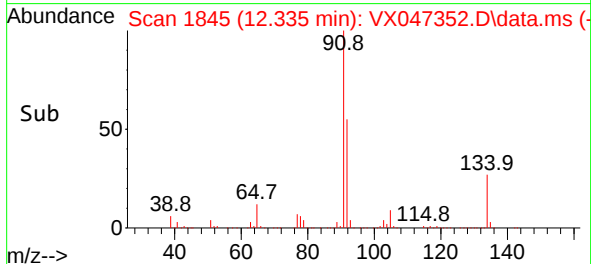
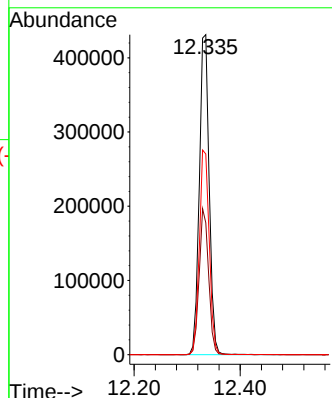
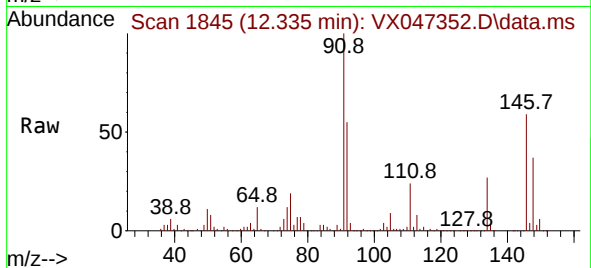




#91
 1,2-Dichlorobenzene
 Concen: 98.430 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

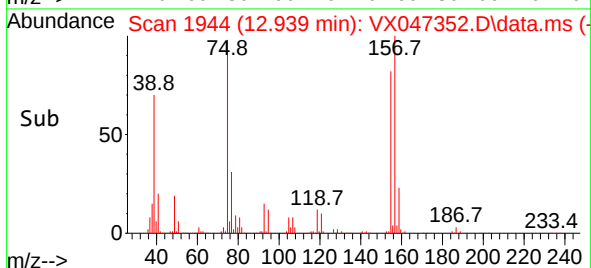
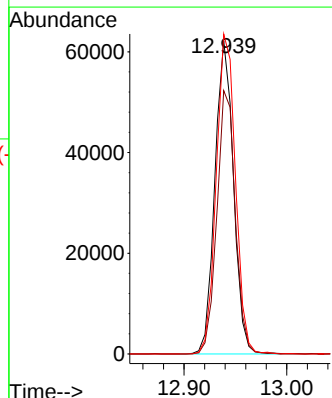
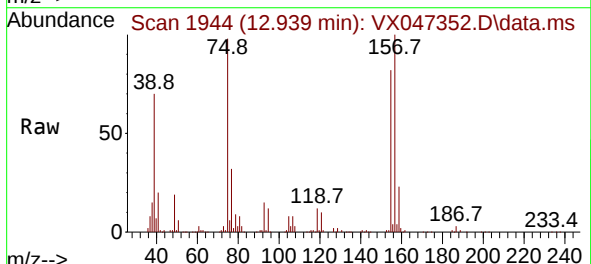
Instrument :
 MSVOA_X
 ClientSampleId :

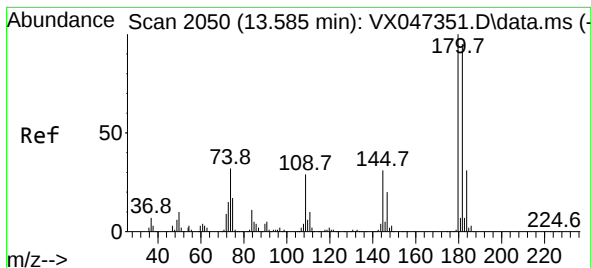
Tgt Ion:146 Resp: 558580
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 64.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.101 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX047352.D
 Acq: 15 Aug 2025 10:43

Tgt Ion: 75 Resp: 77939
 Ion Ratio Lower Upper
 75 100
 155 83.5 41.3 123.7
 157 105.3 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 102.504 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

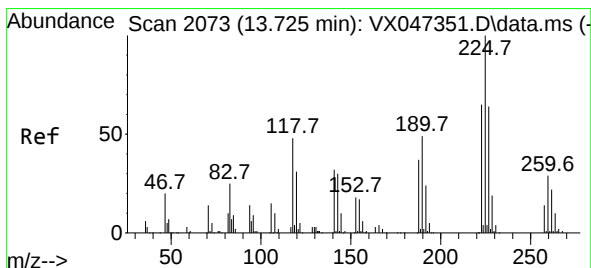
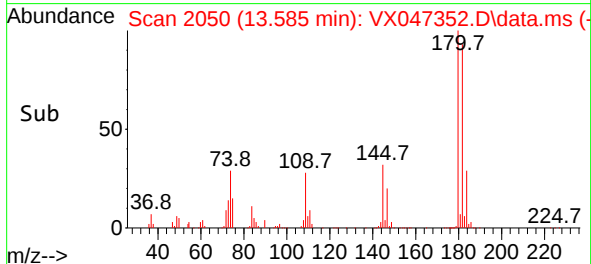
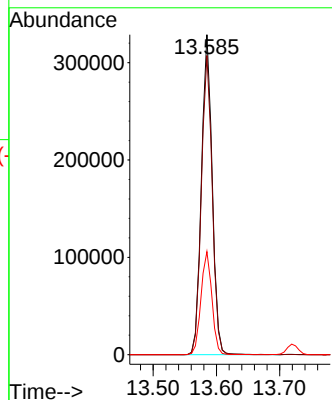
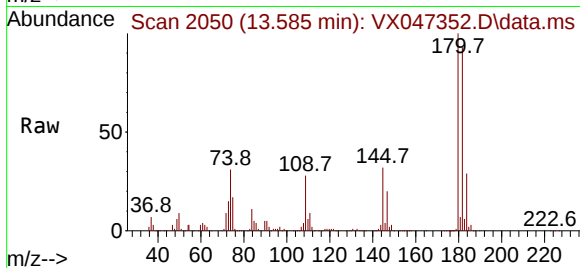
Tgt Ion:180 Resp: 389962

Ion Ratio Lower Upper

180 100

182 94.4 48.1 144.4

145 32.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 91.042 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

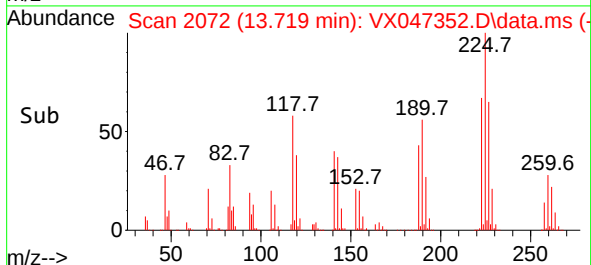
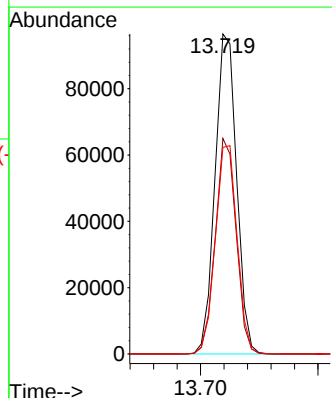
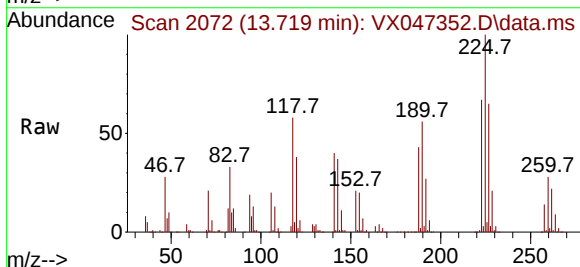
Tgt Ion:225 Resp: 123286

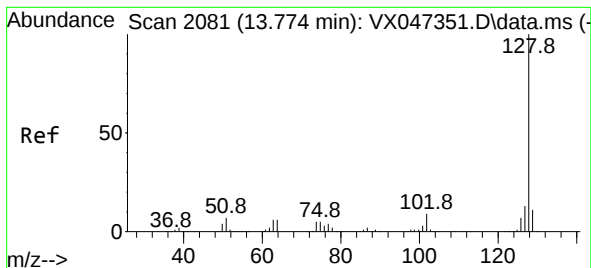
Ion Ratio Lower Upper

225 100

223 65.1 32.2 96.6

227 65.8 31.6 95.0





#95

Naphthalene

Concen: 109.632 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Instrument :

MSVOA_X

ClientSampleId :

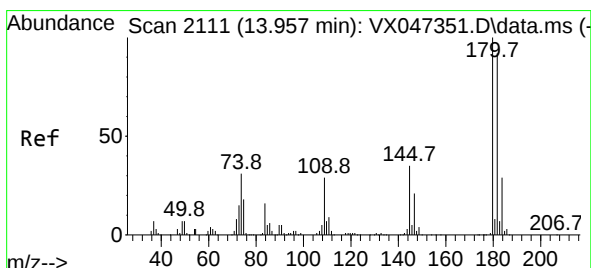
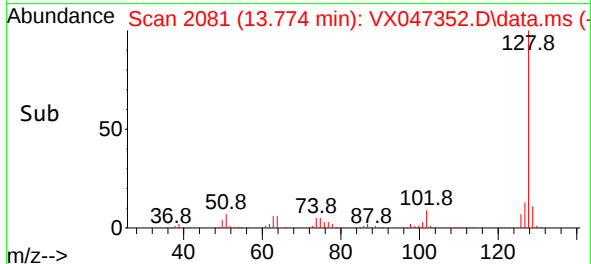
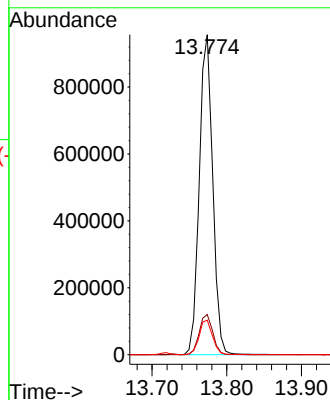
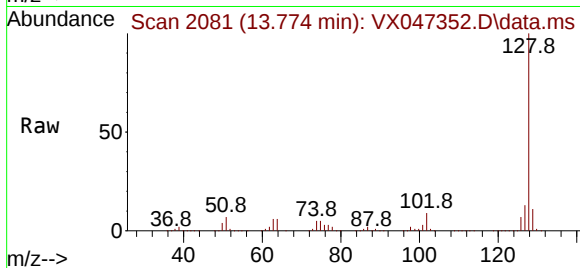
Tgt Ion:128 Resp: 1191910

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 103.395 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047352.D

Acq: 15 Aug 2025 10:43

Tgt Ion:180 Resp: 370778

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

145 34.4 17.4 52.2

