

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047356.D
 Acq On : 15 Aug 2025 12:30
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 18 02:56:26 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	286149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	494689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	11264	2.813	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	5.620%#
35) Dibromofluoromethane	5.415	113	9078	2.828	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	5.660%#
50) Toluene-d8	8.653	98	31338	2.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	5.460%#
62) 4-Bromofluorobenzene	11.085	95	12800	3.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	6.040%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	3127	0.857	ug/l	94
3) Chloromethane	1.313	50	3143	0.958	ug/l	99
4) Vinyl Chloride	1.392	62	3606	0.876	ug/l #	68
5) Bromomethane	1.636	94	2205	1.325	ug/l #	79
6) Chloroethane	1.709	64	2950	1.171	ug/l	91
7) Trichlorofluoromethane	1.904	101	5369	0.881	ug/l	86
8) Diethyl Ether	2.148	74	1947	0.908	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.349	101	2830	0.801	ug/l #	90
10) Methyl Iodide	2.477	142	7591	1.253	ug/l	98
11) Tert butyl alcohol	2.965	59	1464	4.202	ug/l #	86
12) 1,1-Dichloroethene	2.337	96	3176	0.882	ug/l #	84
13) Acrolein	2.257	56	2834	3.853	ug/l	100
14) Allyl chloride	2.684	41	4788	0.765	ug/l	91
15) Acrylonitrile	3.087	53	7106	4.221	ug/l	89
16) Acetone	2.392	43	7123	4.732	ug/l	91
17) Carbon Disulfide	2.532	76	11842	1.089	ug/l #	93
18) Methyl Acetate	2.721	43	3556	0.912	ug/l #	84
19) Methyl tert-butyl Ether	3.129	73	8892	0.811	ug/l	95
20) Methylene Chloride	2.812	84	3953	0.992	ug/l	88
21) trans-1,2-Dichloroethene	3.111	96	3552	0.929	ug/l #	87
22) Diisopropyl ether	3.782	45	9930	0.803	ug/l	96
23) Vinyl Acetate	3.751	43	40393	3.984	ug/l #	90
24) 1,1-Dichloroethane	3.629	63	6019	0.861	ug/l #	85
25) 2-Butanone	4.605	43	8214	4.166	ug/l #	87
26) 2,2-Dichloropropane	4.489	77	4442	0.842	ug/l	80
27) cis-1,2-Dichloroethene	4.513	96	3960	0.889	ug/l	88
28) Bromochloromethane	4.934	49	2750	0.945	ug/l #	89
29) Tetrahydrofuran	5.044	42	2006	1.574	ug/l	92
30) Chloroform	5.117	83	6246	0.875	ug/l	86
31) Cyclohexane	5.482	56	5414	0.840	ug/l	94
32) 1,1,1-Trichloroethane	5.415	97	4939	0.804	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	4692	0.926	ug/l	94
37) Ethyl Acetate	4.757	43	3124	0.594	ug/l #	90
38) Carbon Tetrachloride	5.696	117	5100	0.921	ug/l	92
39) Methylcyclohexane	7.391	83	5884	0.931	ug/l	88
40) Benzene	6.056	78	12977	0.855	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	1043	0.470	ug/l #	80
42) 1,2-Dichloroethane	6.123	62	4784	0.890	ug/l	88
43) Isopropyl Acetate	6.366	43	6382	0.844	ug/l #	81
44) Trichloroethene	7.141	130	3329	0.857	ug/l	87
45) 1,2-Dichloropropane	7.446	63	3532	0.929	ug/l #	88
46) Dibromomethane	7.592	93	2453	0.889	ug/l	94
47) Bromodichloromethane	7.830	83	5078	0.888	ug/l #	98
48) Methyl methacrylate	7.720	41	2812	0.717	ug/l	98
49) 1,4-Dioxane	7.708	88	424	11.380	ug/l #	72
51) 4-Methyl-2-Pentanone	8.586	43	17109	3.933	ug/l	96
52) Toluene	8.726	92	7930	0.846	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	3671	0.735	ug/l	91
54) cis-1,3-Dichloropropene	8.378	75	4466	0.790	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	3095	0.870	ug/l	97
56) Ethyl methacrylate	9.128	69	4003	0.763	ug/l	94
57) 1,3-Dichloropropane	9.311	76	5471	0.902	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.256	63	5074	10.313	ug/l	95
59) 2-Hexanone	9.439	43	11811	3.926	ug/l	92
60) Dibromochloromethane	9.524	129	3776	0.893	ug/l	87
61) 1,2-Dibromoethane	9.616	107	3325	0.906	ug/l	94
64) Tetrachloroethene	9.274	164	2888	0.875	ug/l	94
65) Chlorobenzene	10.079	112	9799	0.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	3146	0.858	ug/l #	65
67) Ethyl Benzene	10.195	91	15680	0.840	ug/l	90
68) m/p-Xylenes	10.305	106	11714	1.683	ug/l	98
69) o-Xylene	10.640	106	5943	0.887	ug/l	93
70) Styrene	10.664	104	8294	0.733	ug/l	91
71) Bromoform	10.805	173	2201	0.799	ug/l #	94
73) Isopropylbenzene	10.963	105	14688	0.821	ug/l	94
74) N-amyl acetate	10.853	43	4792	0.705	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	4778	0.909	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	4507	1.074	ug/l	81
77) Bromobenzene	11.201	156	3648	0.835	ug/l	92
78) n-propylbenzene	11.305	91	17866	0.836	ug/l	100
79) 2-Chlorotoluene	11.366	91	11644	0.901	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	12427	0.844	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	351	8.171	ug/l #	60
82) 4-Chlorotoluene	11.457	91	13922	0.914	ug/l	97
83) tert-Butylbenzene	11.713	119	12162	0.828	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	11509	0.781	ug/l	99
85) sec-Butylbenzene	11.890	105	14973	0.822	ug/l	97
86) p-Isopropyltoluene	12.012	119	13546	0.879	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	7821	0.937	ug/l	97
88) 1,4-Dichlorobenzene	11.975	146	7821	0.911	ug/l	97
89) n-Butylbenzene	12.335	91	12883	0.899	ug/l	97
90) Hexachloroethane	12.536	117	2421	0.895	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	7461	0.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	876	0.862	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	5232	0.985	ug/l	99
94) Hexachlorobutadiene	13.725	225	2573	1.360	ug/l	95
95) Naphthalene	13.780	128	12231	0.805	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	4918	0.982	ug/l	99

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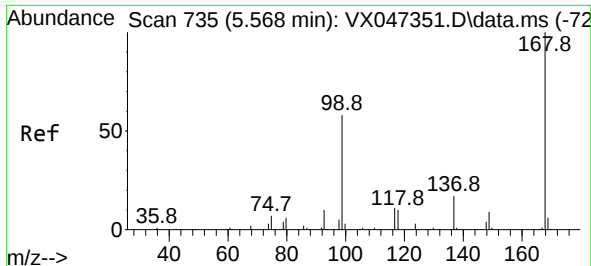
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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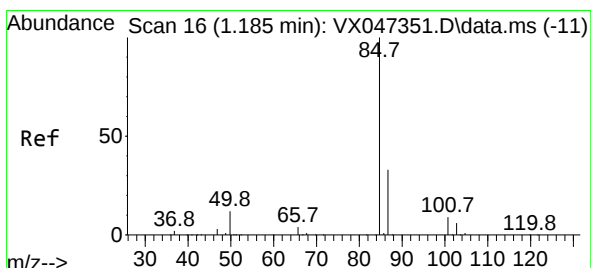
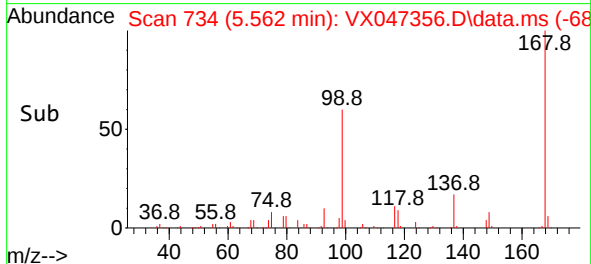
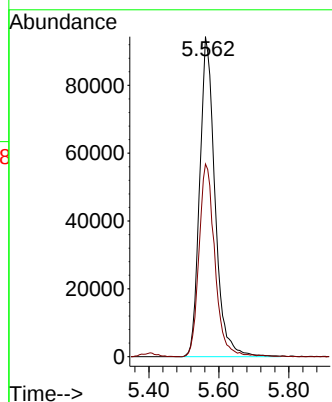
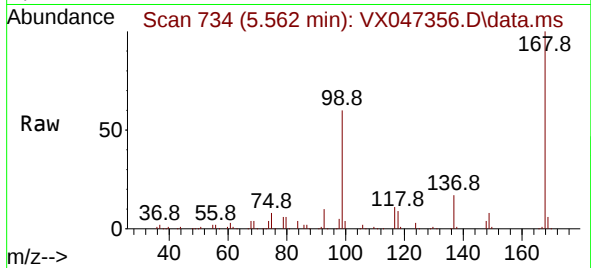




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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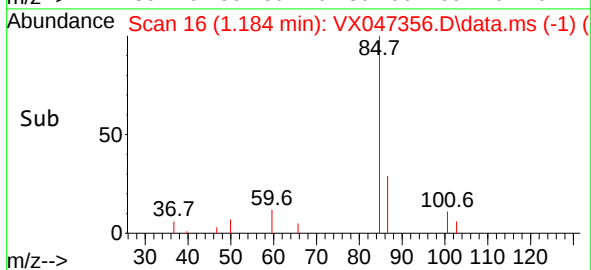
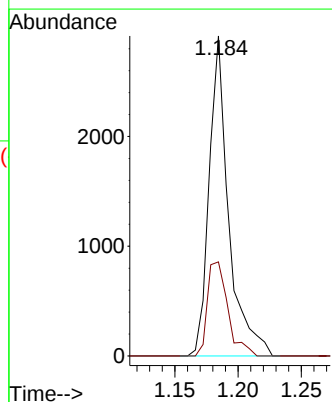
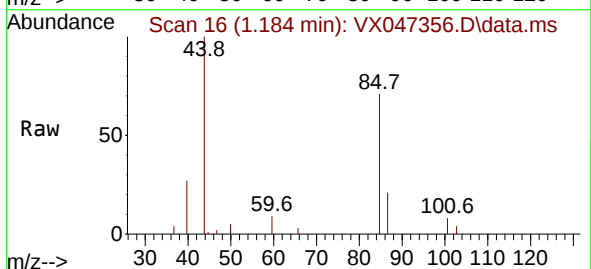
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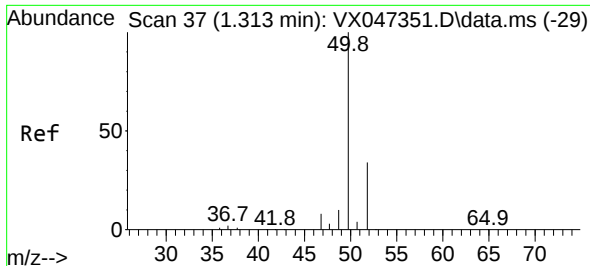
Tgt Ion:168 Resp: 286149
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 0.857 ug/l
RT: 1.184 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 85 Resp: 3127
Ion Ratio Lower Upper
85 100
87 29.4 16.4 49.1

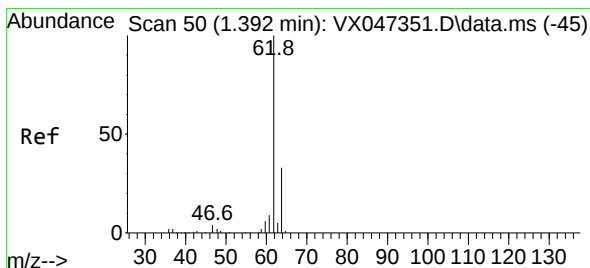
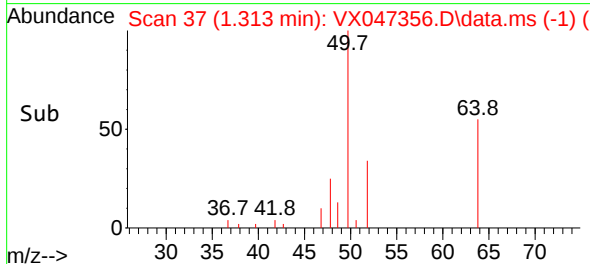
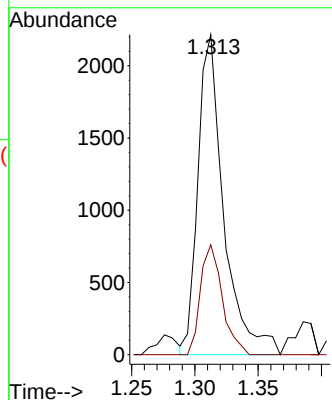
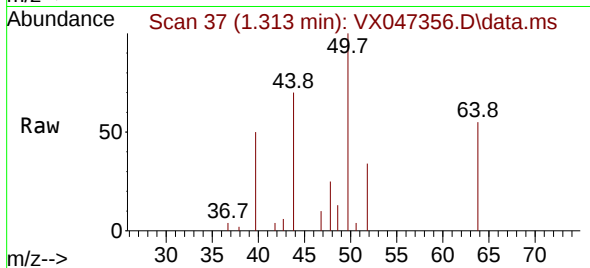




#3
Chloromethane
Concen: 0.958 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

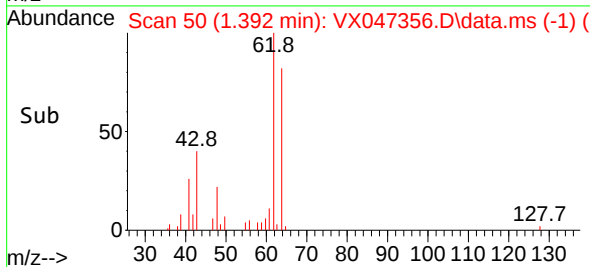
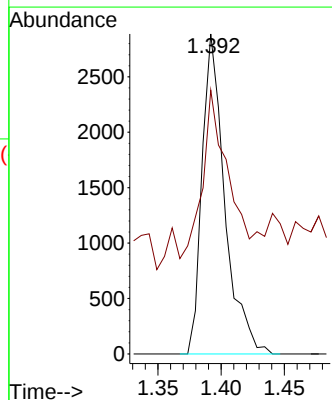
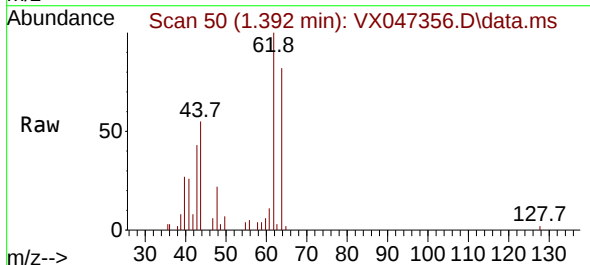
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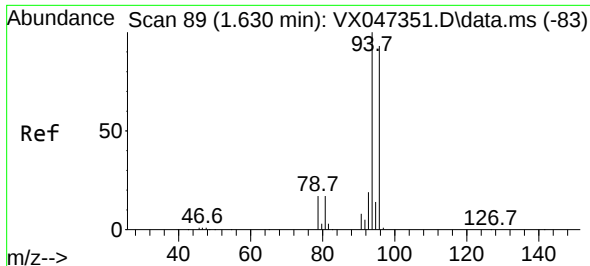
Tgt Ion: 50 Resp: 3143
Ion Ratio Lower Upper
50 100
52 32.9 27.0 40.4



#4
Vinyl Chloride
Concen: 0.876 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 3606
Ion Ratio Lower Upper
62 100
64 51.3 26.5 39.7#

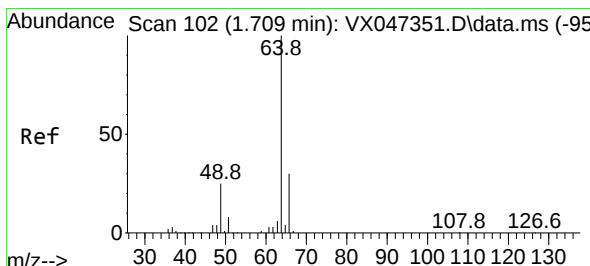
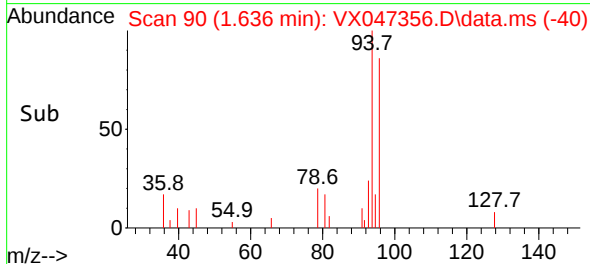
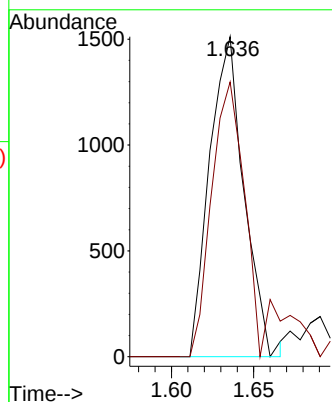
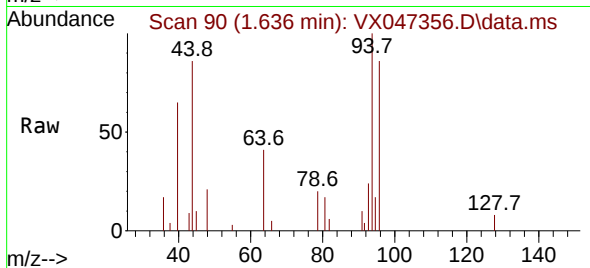




#5
Bromomethane
Concen: 1.325 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

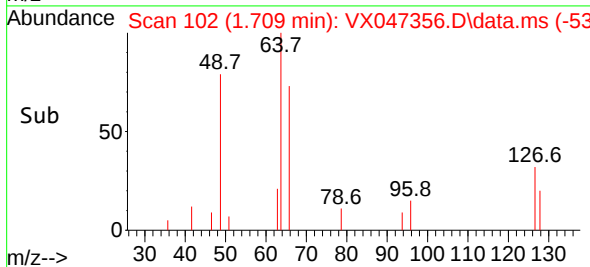
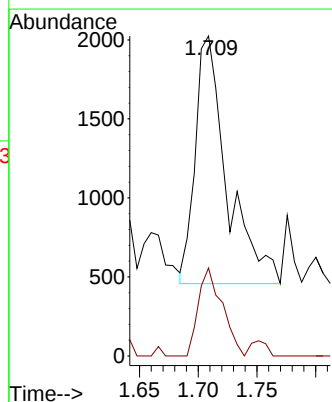
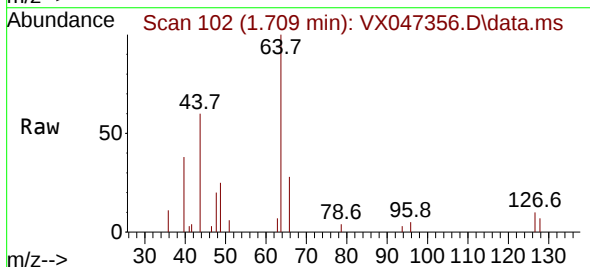
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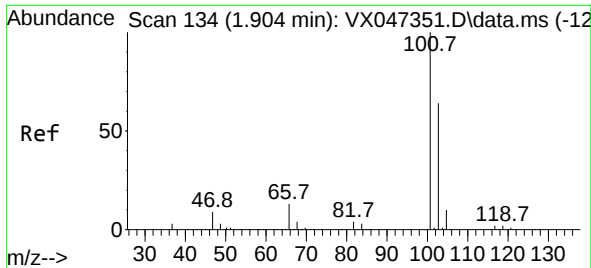
Tgt Ion: 94 Resp: 2205
Ion Ratio Lower Upper
94 100
96 73.3 74.7 112.1#



#6
Chloroethane
Concen: 1.171 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 64 Resp: 2950
Ion Ratio Lower Upper
64 100
66 35.5 24.4 36.6

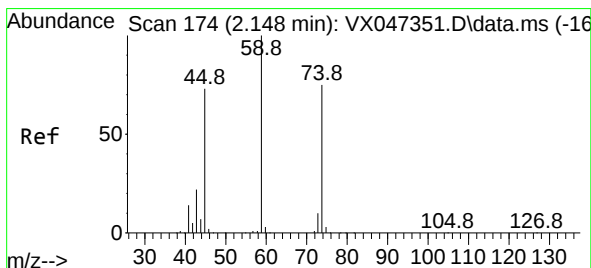
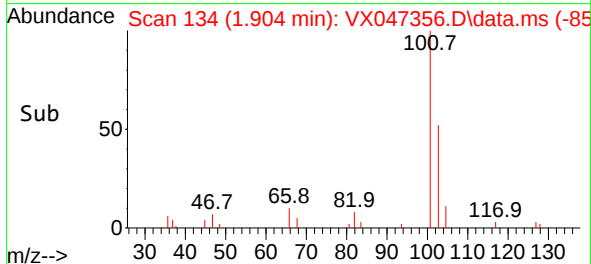
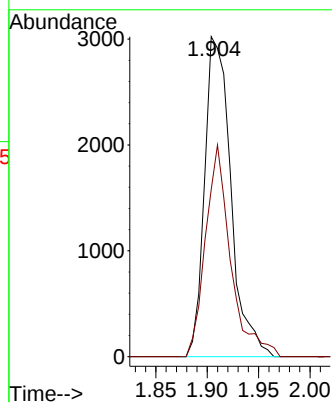
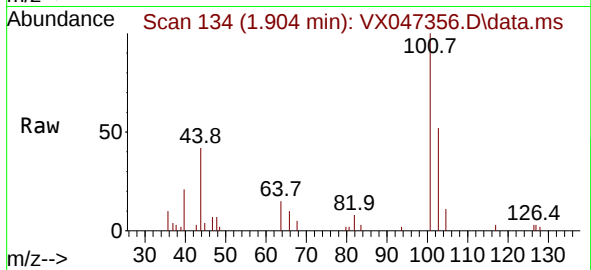




#7
Trichlorofluoromethane
Concen: 0.881 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047356.D
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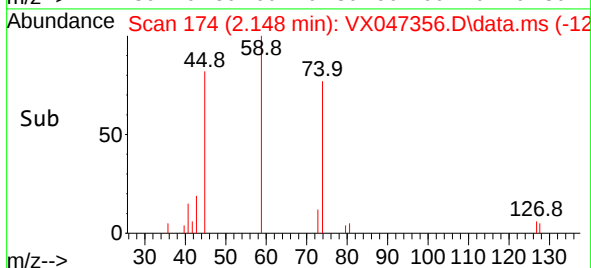
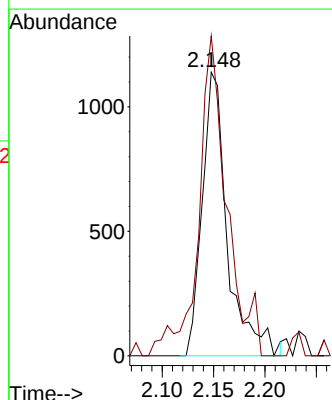
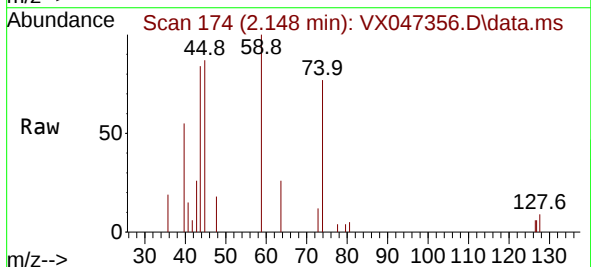
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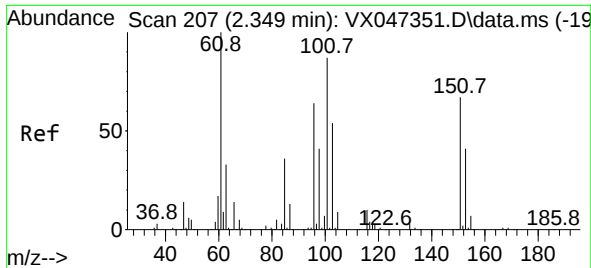
Tgt Ion:101 Resp: 5369
Ion Ratio Lower Upper
101 100
103 52.3 50.9 76.3



#8
Diethyl Ether
Concen: 0.908 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 1947
Ion Ratio Lower Upper
74 100
45 125.6 51.3 154.0

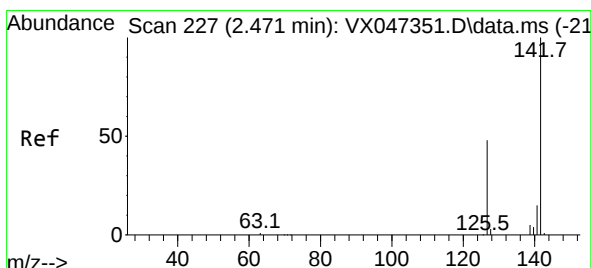
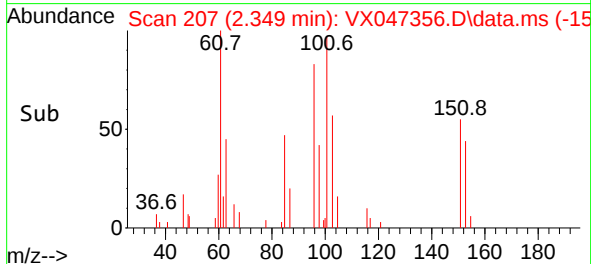
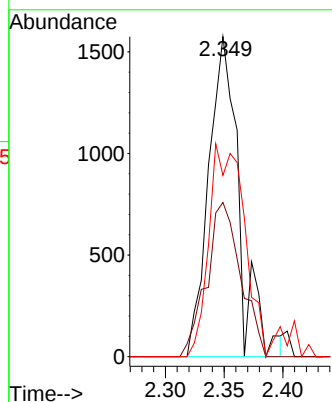
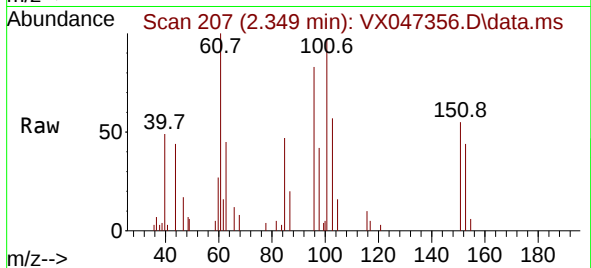




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.801 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047356.D
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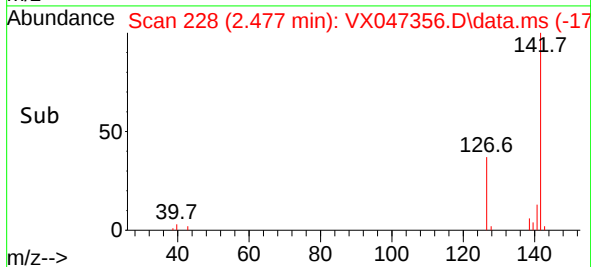
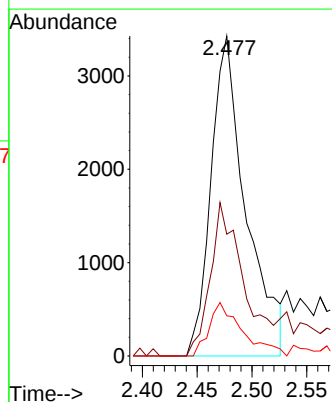
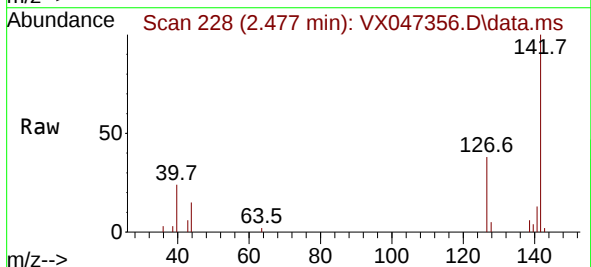
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

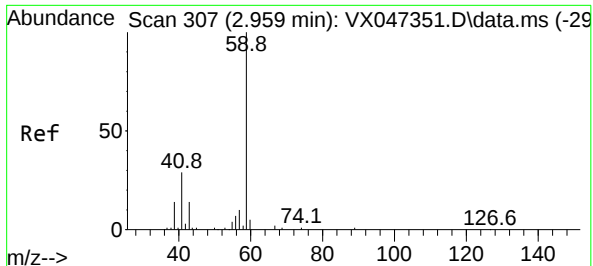
Tgt Ion:101 Resp: 2830
Ion Ratio Lower Upper
101 100
85 54.2 34.3 51.5#
151 78.2 59.2 88.8



#10
Methyl Iodide
Concen: 1.253 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:142 Resp: 7591
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 15.9 11.1 16.7

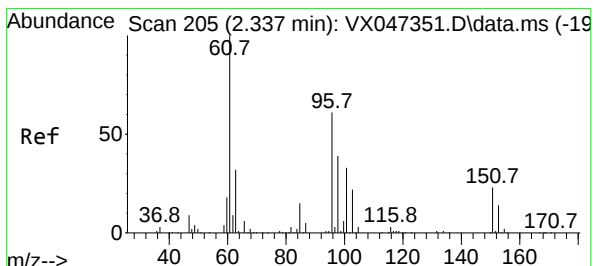
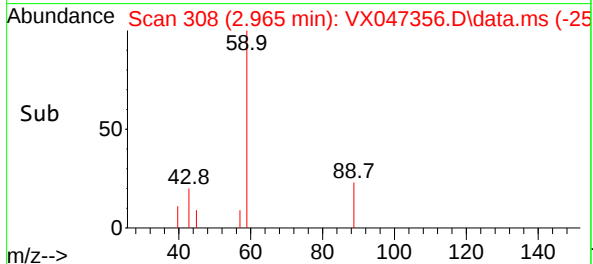
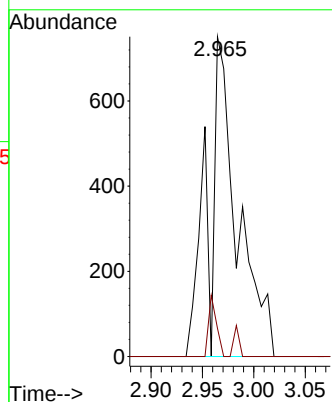
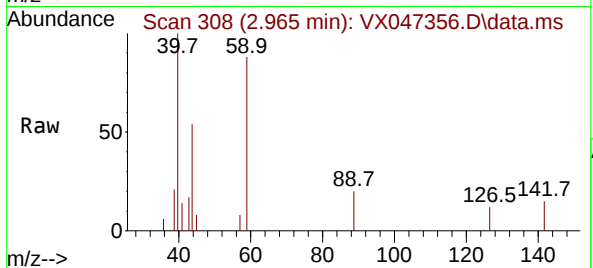




#11
Tert butyl alcohol
Concen: 4.202 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

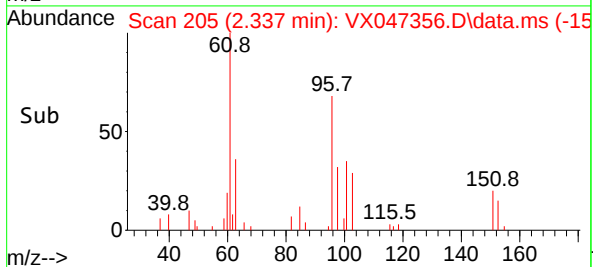
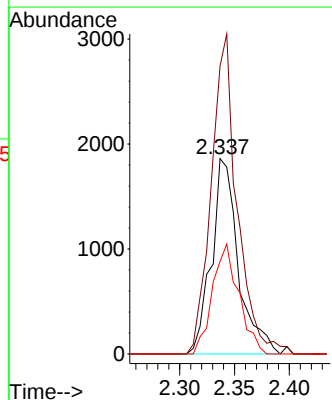
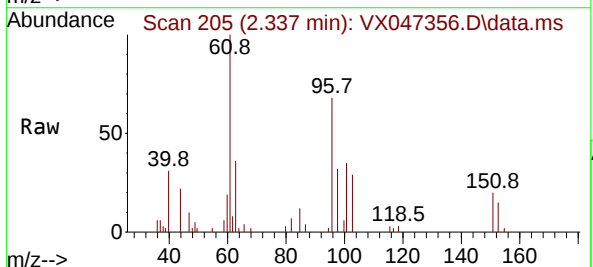
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

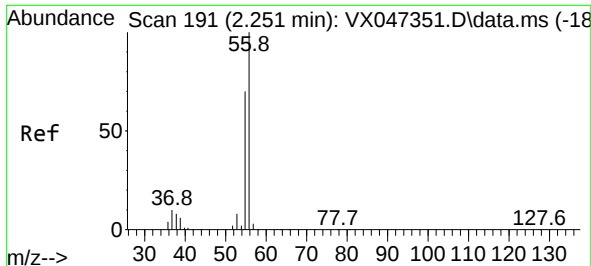
Tgt Ion: 59 Resp: 1464
Ion Ratio Lower Upper
59 100
57 5.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.882 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 96 Resp: 3176
Ion Ratio Lower Upper
96 100
61 147.3 132.2 198.2
98 47.3 51.2 76.8#





#13

Acrolein

Concen: 3.853 ug/l

RT: 2.257 min Scan# 191

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

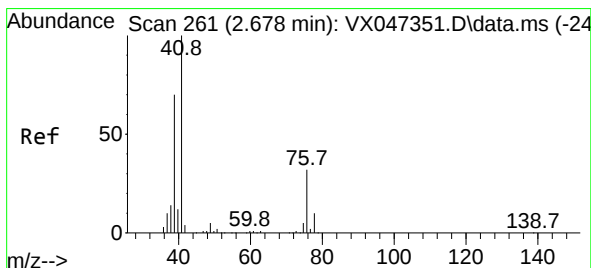
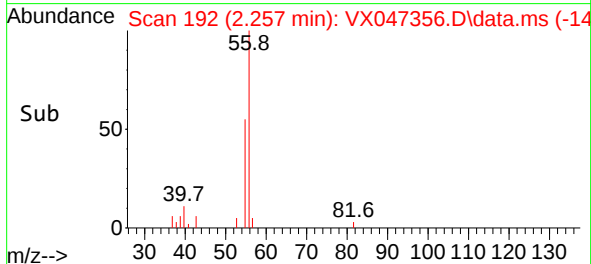
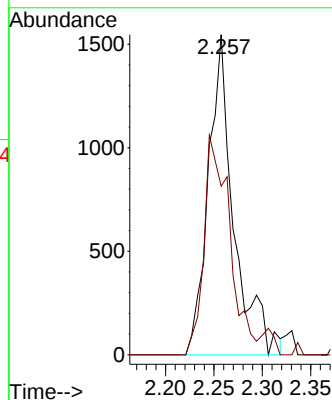
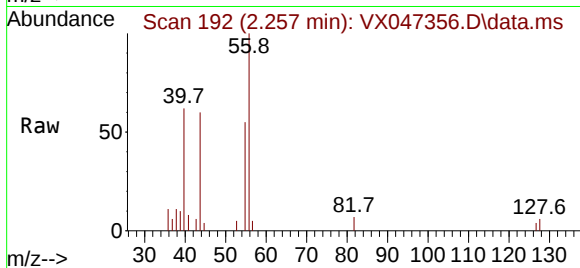
VSTDIC001

Tgt Ion: 56 Resp: 2834

Ion Ratio Lower Upper

56 100

55 69.2 55.5 83.3



#14

Allyl chloride

Concen: 0.765 ug/l

RT: 2.684 min Scan# 262

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

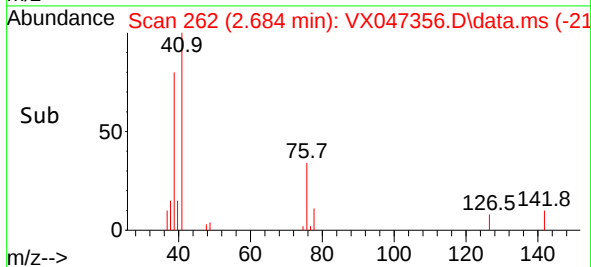
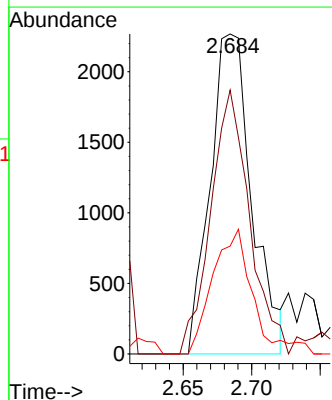
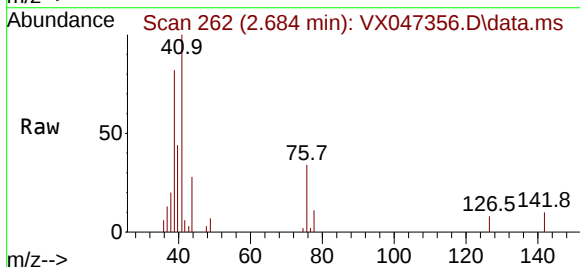
Tgt Ion: 41 Resp: 4788

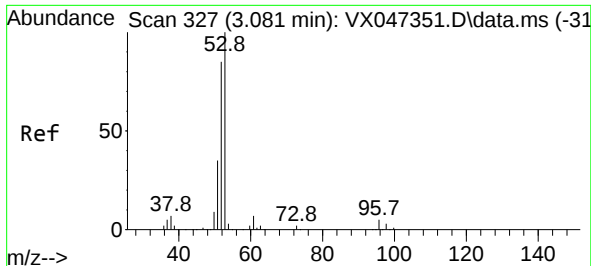
Ion Ratio Lower Upper

41 100

39 76.7 54.6 81.8

76 37.6 27.6 41.4





#15

Acrylonitrile

Concen: 4.221 ug/l

RT: 3.087 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

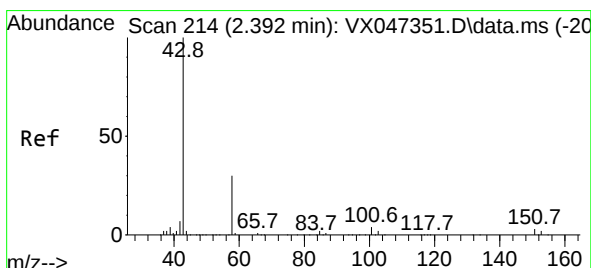
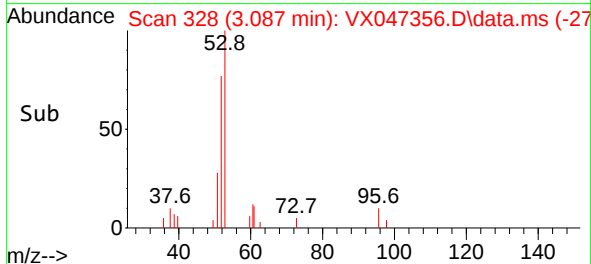
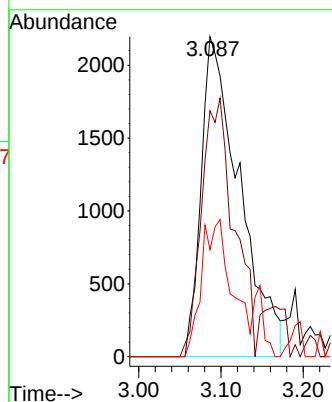
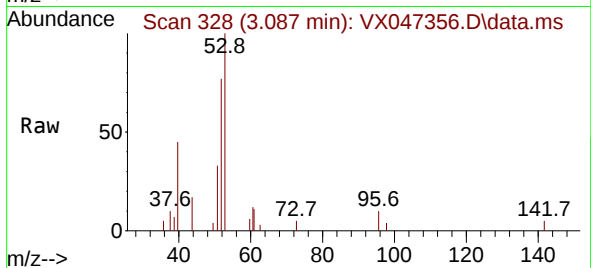
Tgt Ion: 53 Resp: 7106

Ion Ratio Lower Upper

53 100

52 68.4 65.8 98.6

51 34.0 28.2 42.2



#16

Acetone

Concen: 4.732 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX047356.D

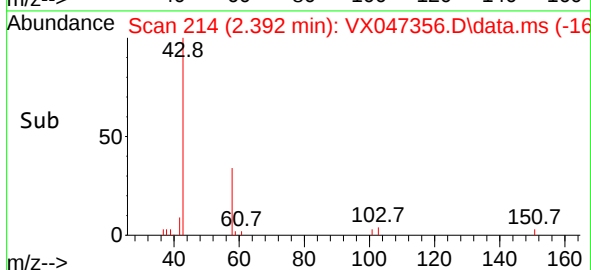
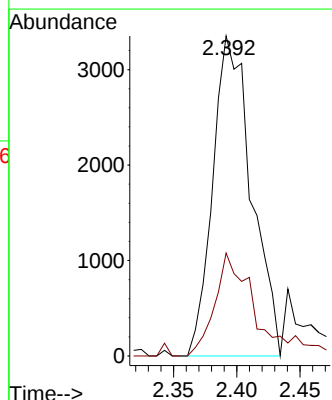
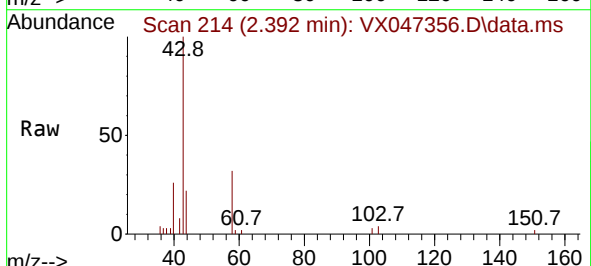
Acq: 15 Aug 2025 12:30

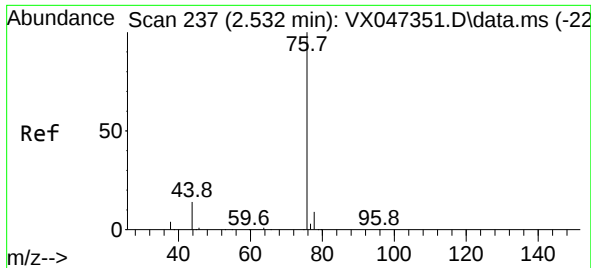
Tgt Ion: 43 Resp: 7123

Ion Ratio Lower Upper

43 100

58 26.3 24.8 37.2

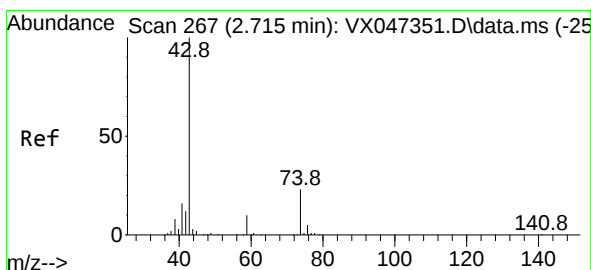
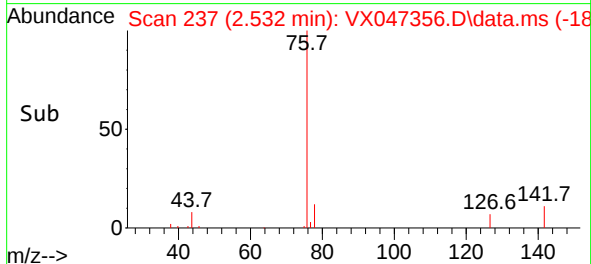
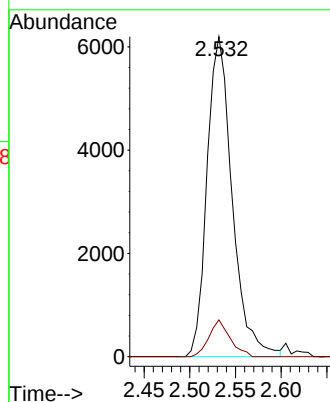
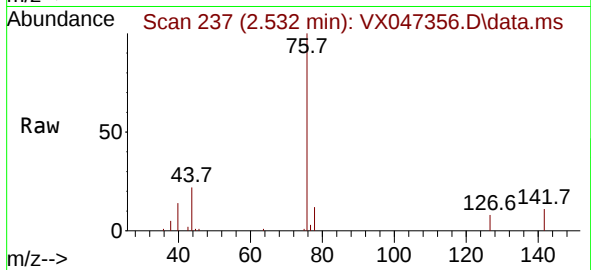




#17
Carbon Disulfide
Concen: 1.089 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

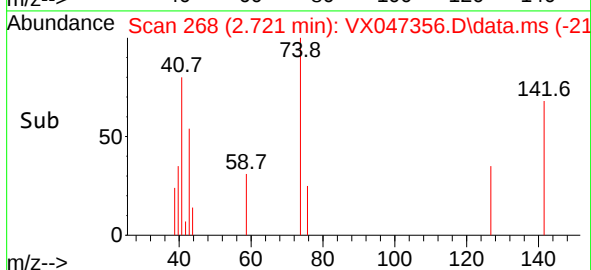
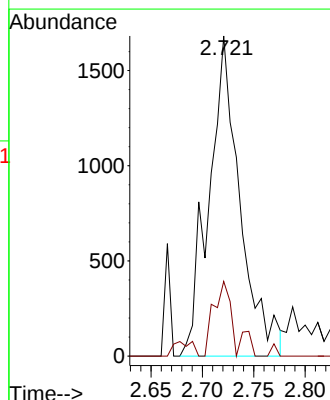
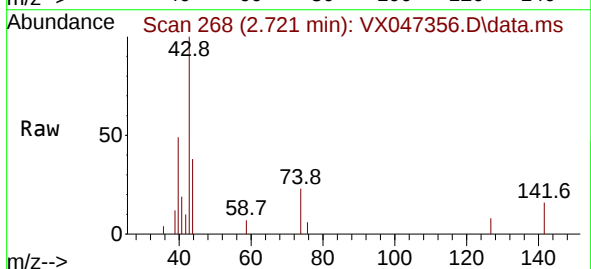
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

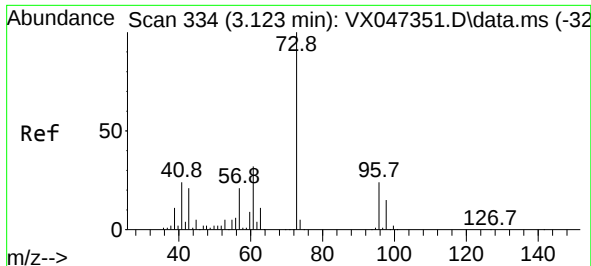
Tgt Ion: 76 Resp: 11842
Ion Ratio Lower Upper
76 100
78 11.5 7.2 10.8#



#18
Methyl Acetate
Concen: 0.912 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
74 15.0 18.4 27.6#

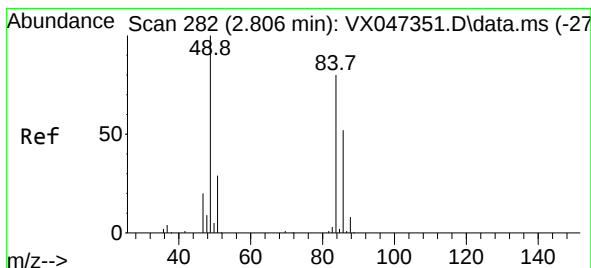
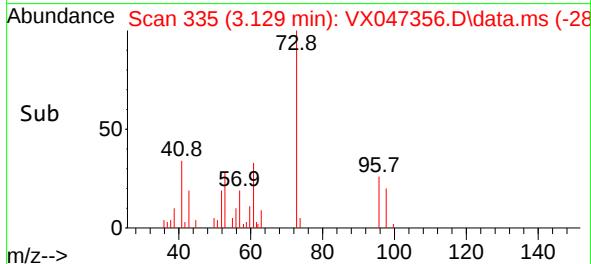
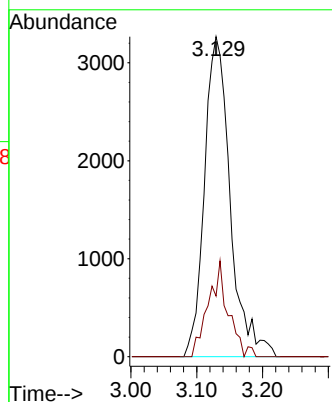
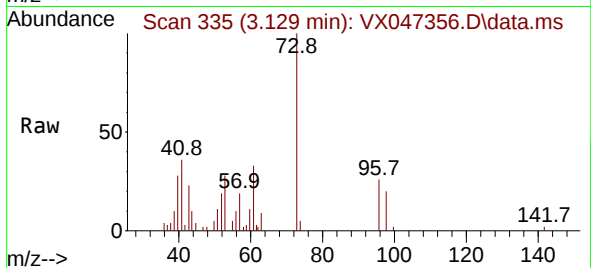




#19
Methyl tert-butyl Ether
Concen: 0.811 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

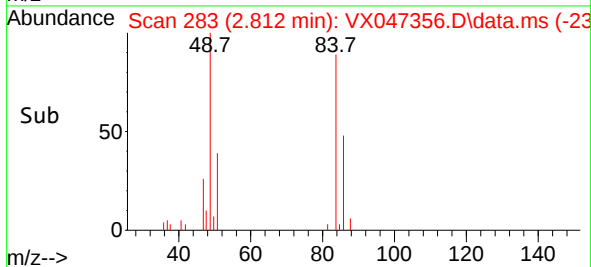
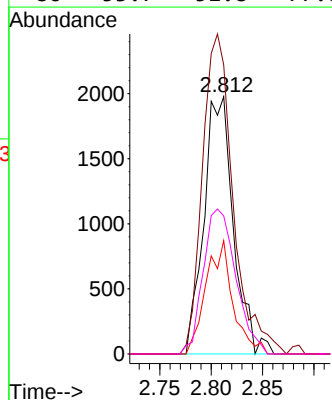
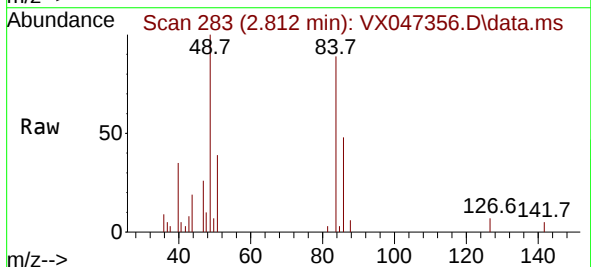
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

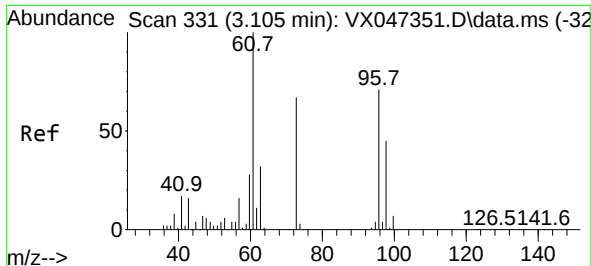
Tgt Ion: 73 Resp: 8892
Ion Ratio Lower Upper
73 100
57 18.9 17.0 25.6



#20
Methylene Chloride
Concen: 0.992 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 84 Resp: 3953
Ion Ratio Lower Upper
84 100
49 112.3 100.1 150.1
51 44.0 29.5 44.3
86 53.7 51.8 77.8

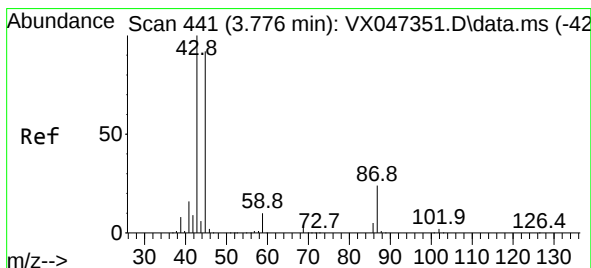
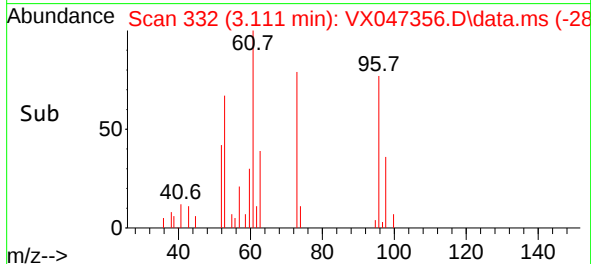
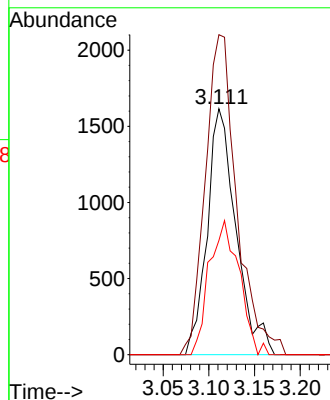
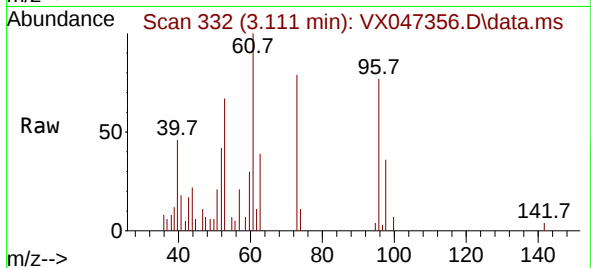




#21
trans-1,2-Dichloroethene
Concen: 0.929 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

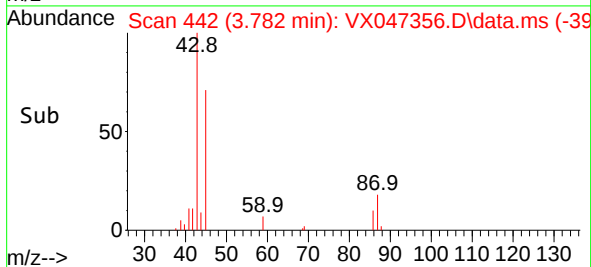
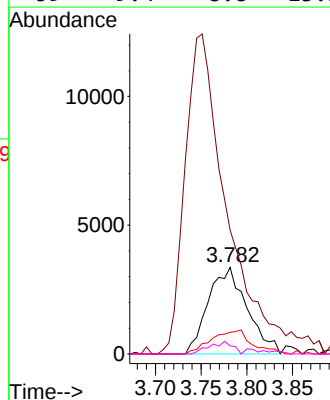
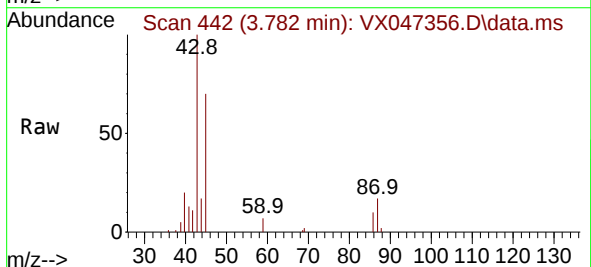
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

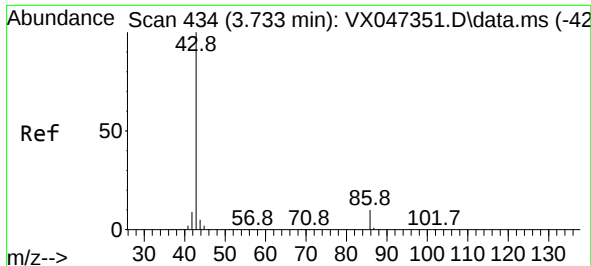
Tgt Ion: 96 Resp: 3552
Ion Ratio Lower Upper
96 100
61 130.2 112.6 169.0
98 46.4 50.9 76.3#



#22
Diisopropyl ether
Concen: 0.803 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 45 Resp: 9930
Ion Ratio Lower Upper
45 100
43 113.1 86.8 130.2
87 24.9 20.4 30.6
59 9.4 8.8 13.2

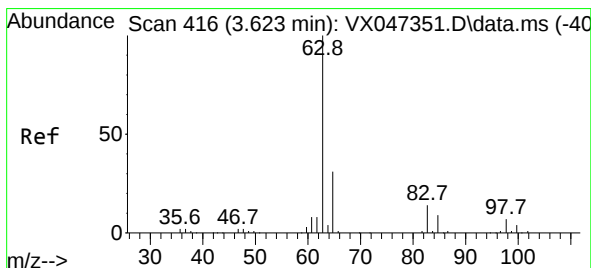
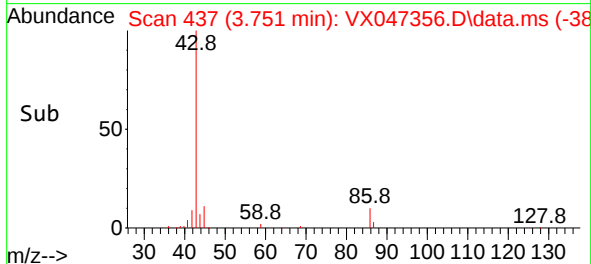
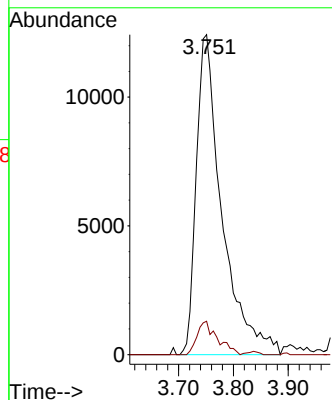
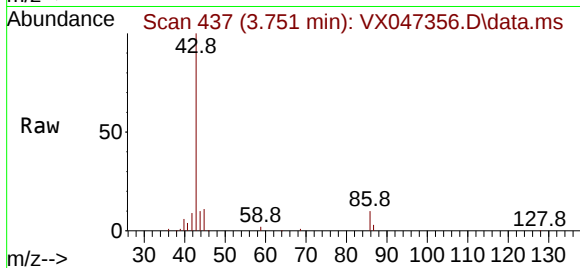




#23
 Vinyl Acetate
 Concen: 3.984 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

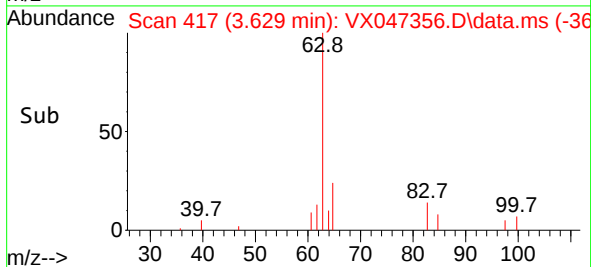
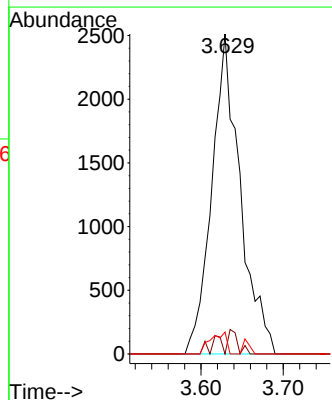
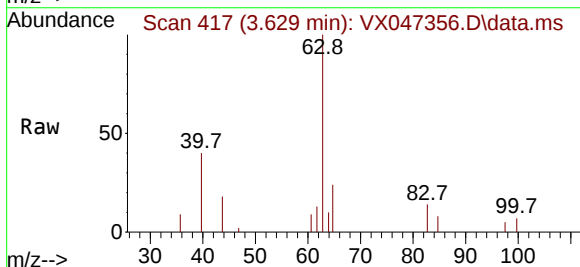
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

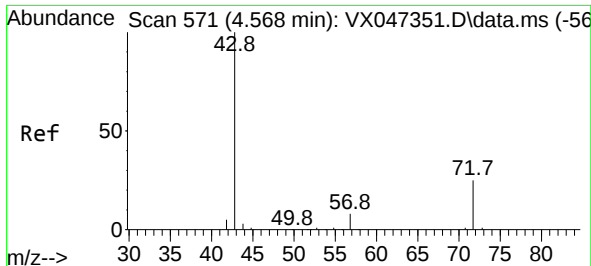
Tgt Ion: 43 Resp: 40393
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.9 11.9#



#24
 1,1-Dichloroethane
 Concen: 0.861 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion: 63 Resp: 6019
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 6.8 2.1 6.3#





#25

2-Butanone

Concen: 4.166 ug/l

RT: 4.605 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

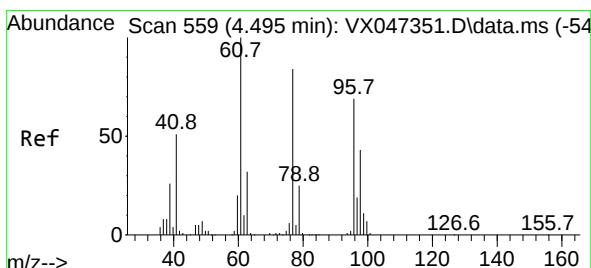
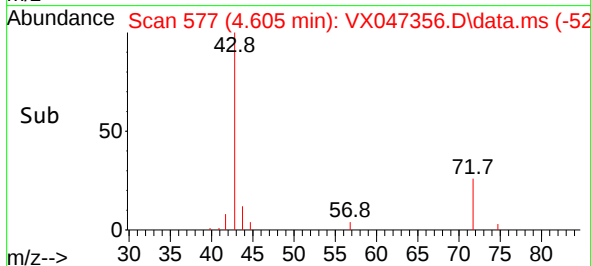
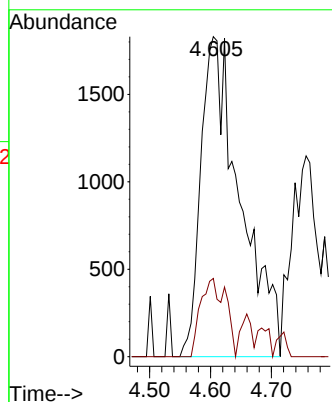
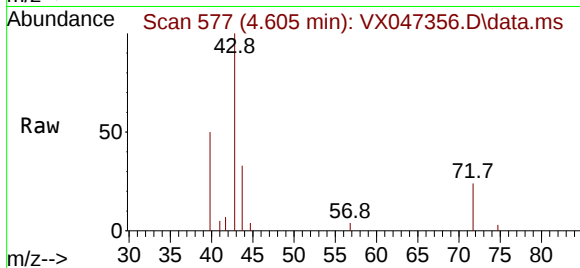
VSTDIC001

Tgt Ion: 43 Resp: 8214

Ion Ratio Lower Upper

43 100

72 18.3 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 0.842 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX047356.D

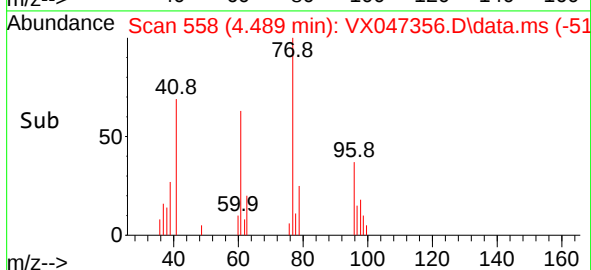
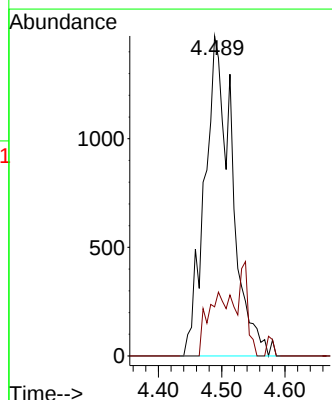
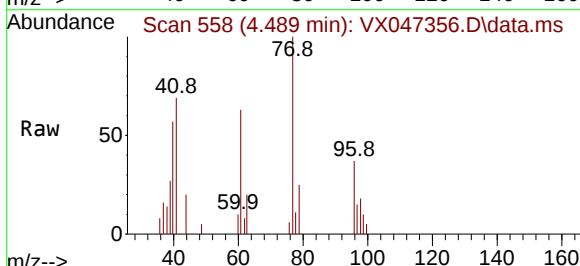
Acq: 15 Aug 2025 12:30

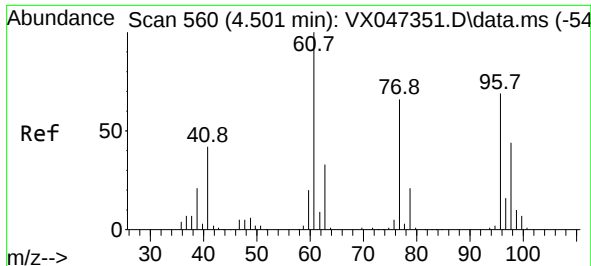
Tgt Ion: 77 Resp: 4442

Ion Ratio Lower Upper

77 100

97 13.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 0.889 ug/l

RT: 4.513 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

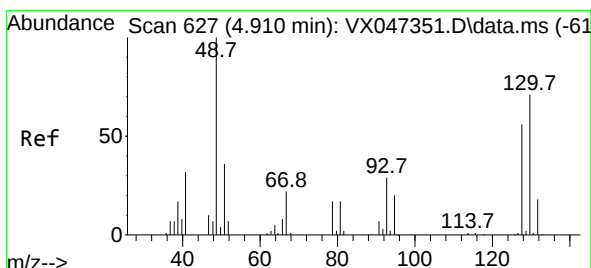
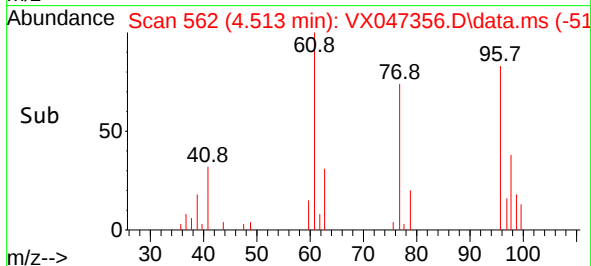
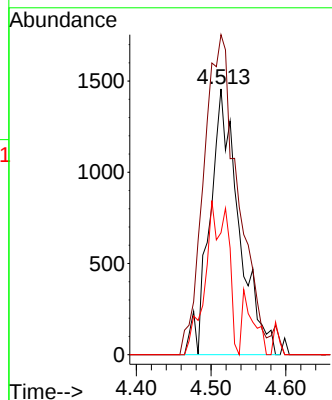
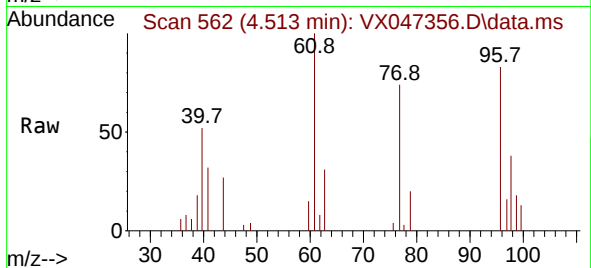
Tgt Ion: 96 Resp: 3960

Ion Ratio Lower Upper

96 100

61 140.7 0.0 296.6

98 44.5 0.0 130.4



#28

Bromochloromethane

Concen: 0.945 ug/l

RT: 4.934 min Scan# 631

Delta R.T. 0.024 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

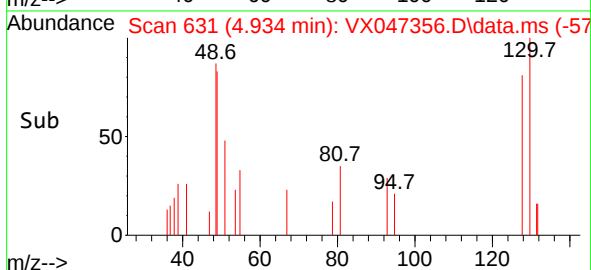
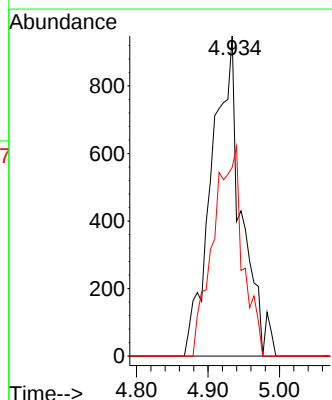
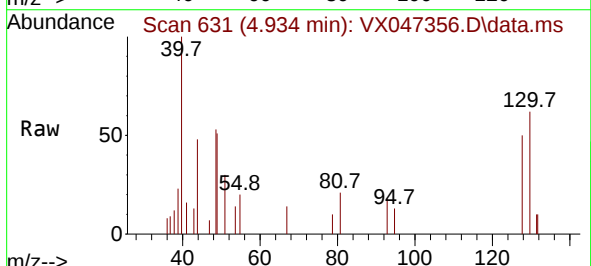
Tgt Ion: 49 Resp: 2750

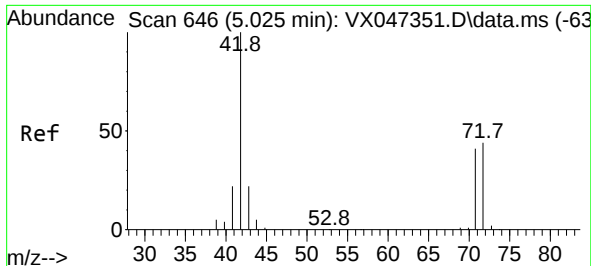
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 65.1 59.8 89.6





#29

Tetrahydrofuran

Concen: 1.574 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

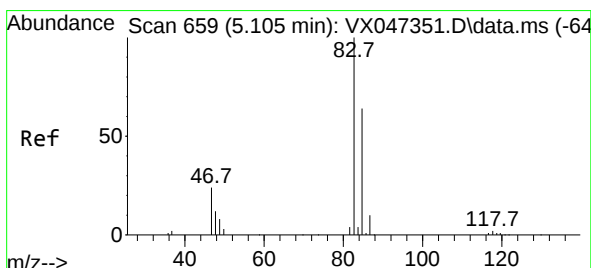
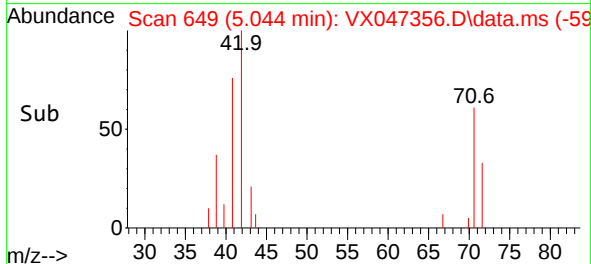
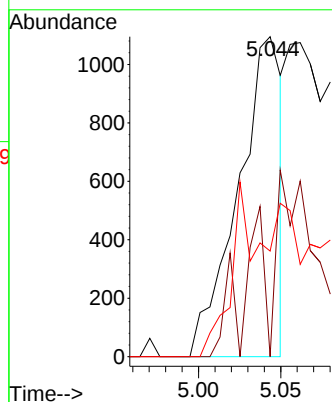
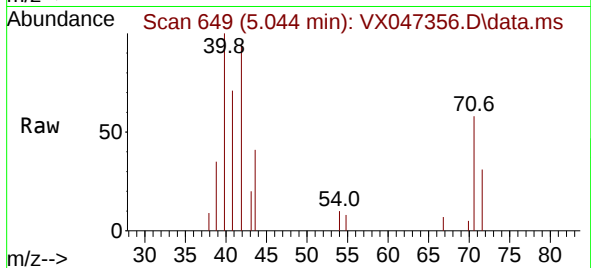
Tgt Ion: 42 Resp: 2006

Ion Ratio Lower Upper

42 100

72 51.0 34.6 51.8

71 43.1 32.6 49.0



#30

Chloroform

Concen: 0.875 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX047356.D

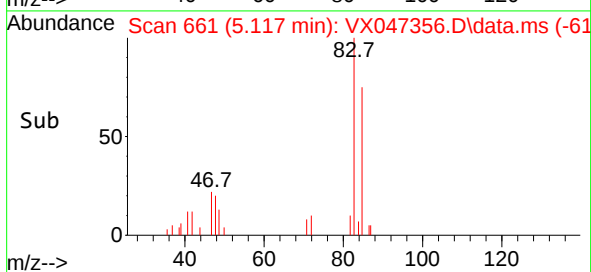
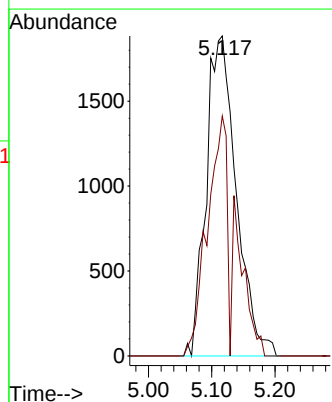
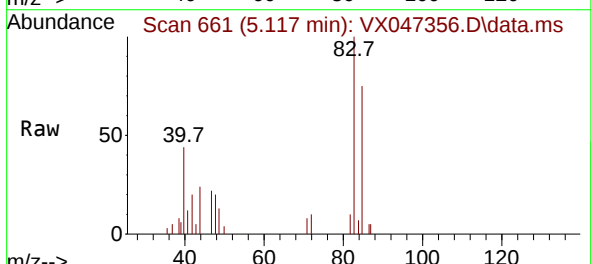
Acq: 15 Aug 2025 12:30

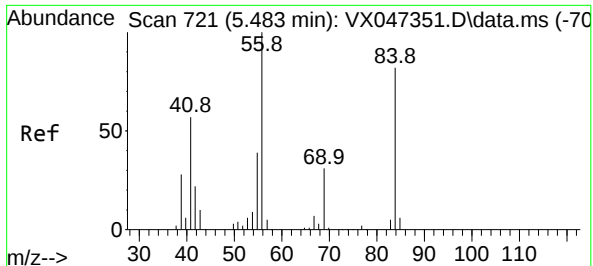
Tgt Ion: 83 Resp: 6246

Ion Ratio Lower Upper

83 100

85 75.0 51.2 76.8

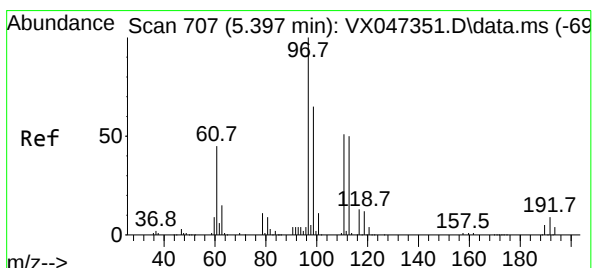
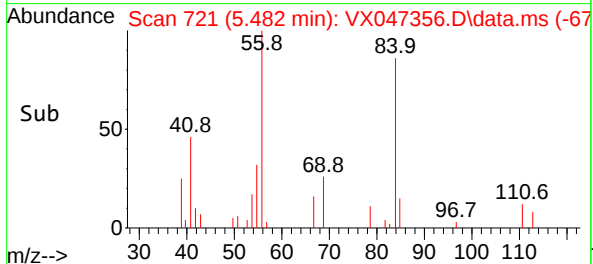
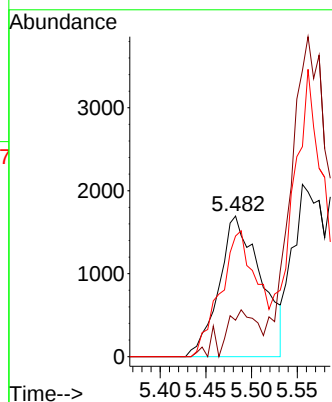
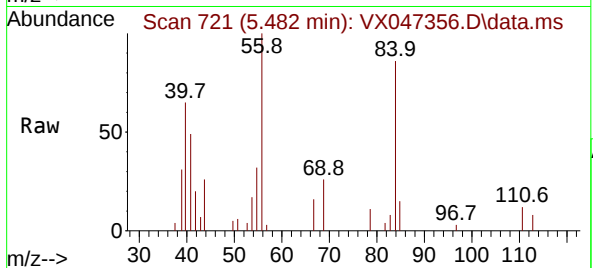




#31
Cyclohexane
Concen: 0.840 ug/l
RT: 5.482 min Scan# 710
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

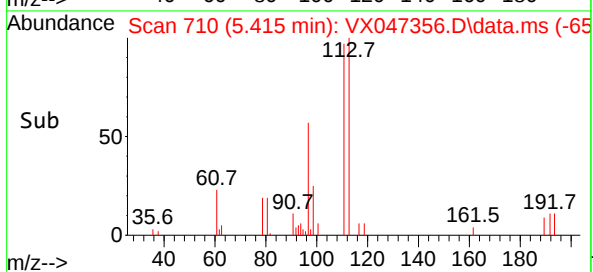
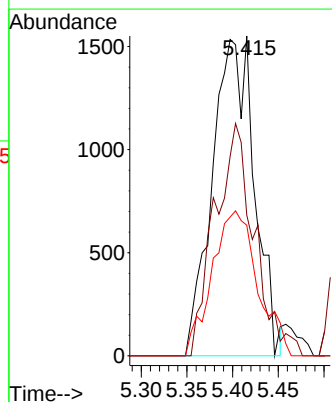
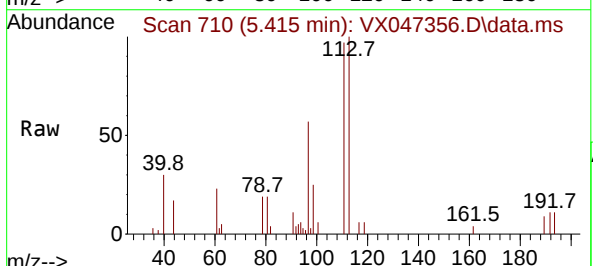
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

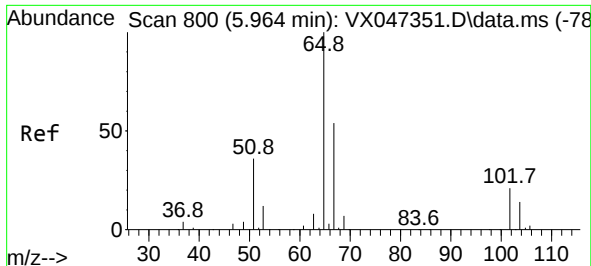
Tgt Ion: 56 Resp: 5414
Ion Ratio Lower Upper
56 100
69 25.9 24.3 36.5
84 85.7 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 0.804 ug/l
RT: 5.415 min Scan# 710
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 97 Resp: 4939
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 49.3 35.7 53.5

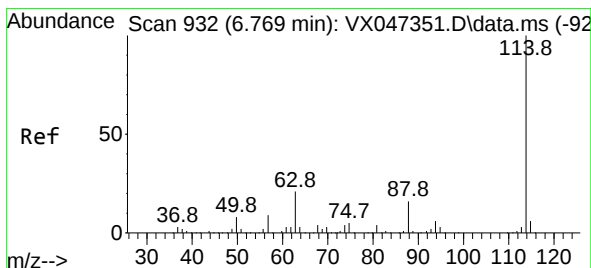
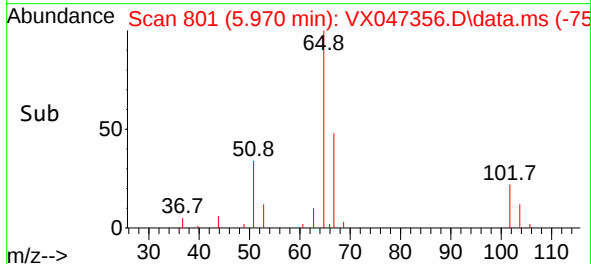
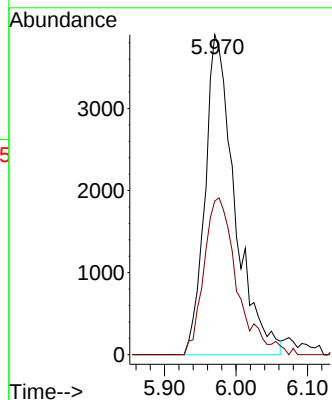
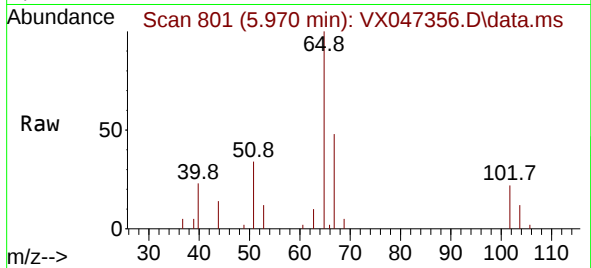




#33
 1,2-Dichloroethane-d4
 Concen: 2.813 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

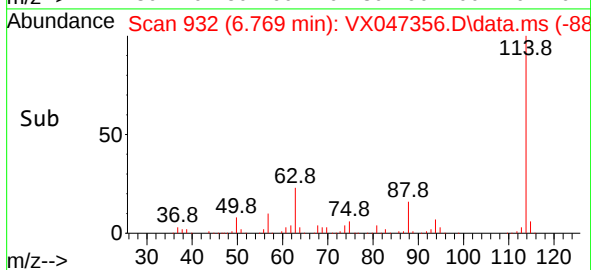
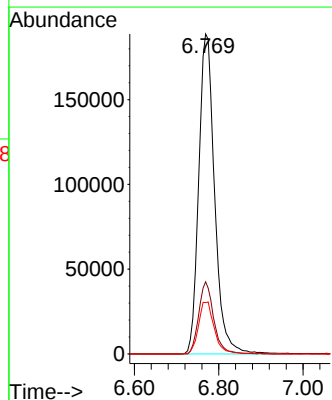
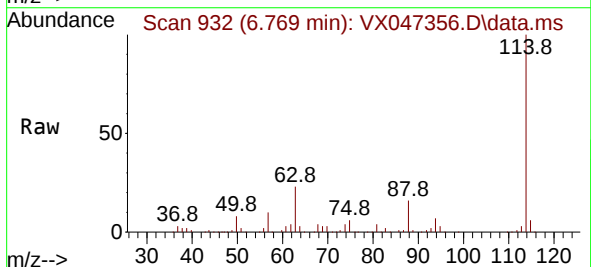
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

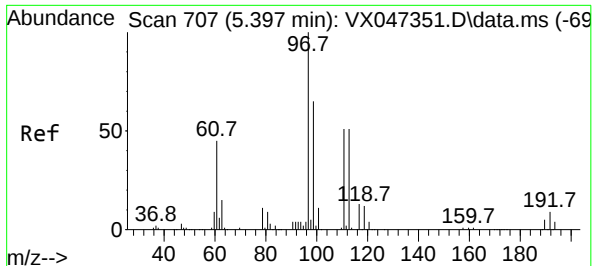
Tgt Ion: 65 Resp: 11264
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion: 114 Resp: 494689
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.4
 88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 2.828 ug/l

RT: 5.415 min Scan# 710

Delta R.T. 0.018 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

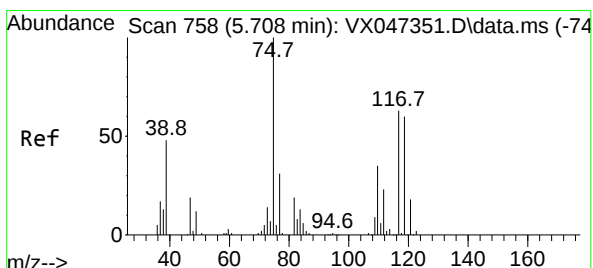
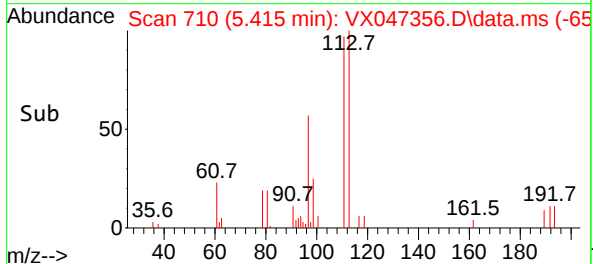
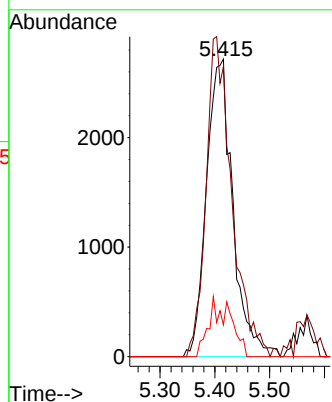
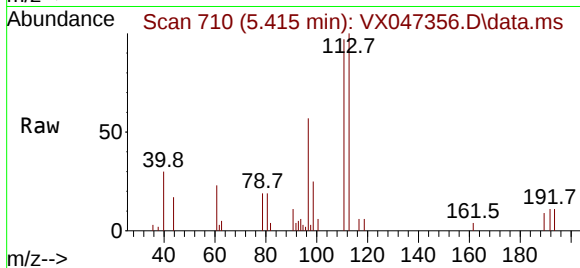
Tgt Ion:113 Resp: 9078

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.2

192 9.6 14.1 21.1#



#36

1,1-Dichloropropene

Concen: 0.926 ug/l

RT: 5.708 min Scan# 758

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

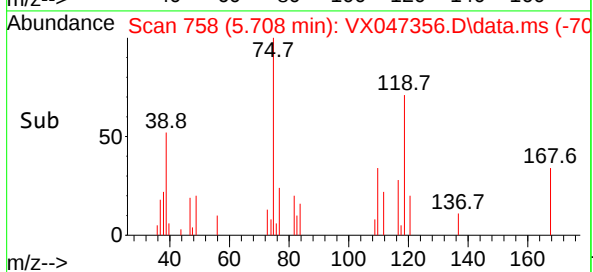
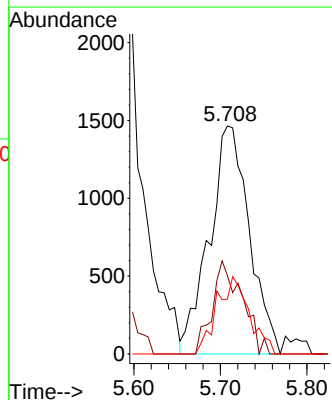
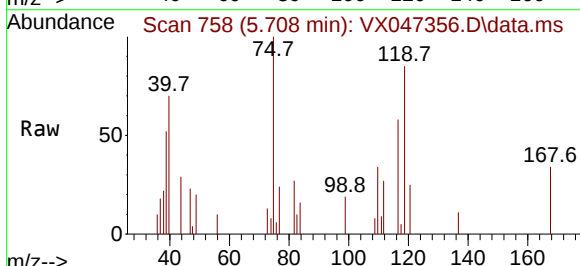
Tgt Ion: 75 Resp: 4692

Ion Ratio Lower Upper

75 100

110 30.7 17.4 52.2

77 27.4 24.4 36.6

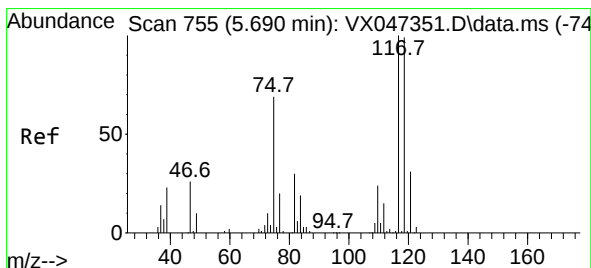
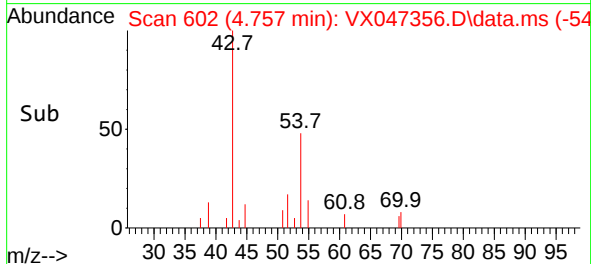
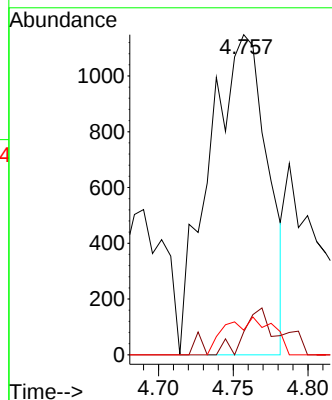
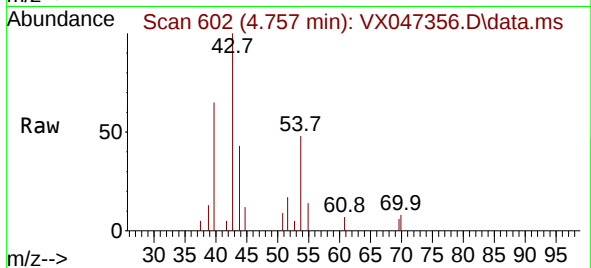




#37
Ethyl Acetate
Concen: 0.594 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.036 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

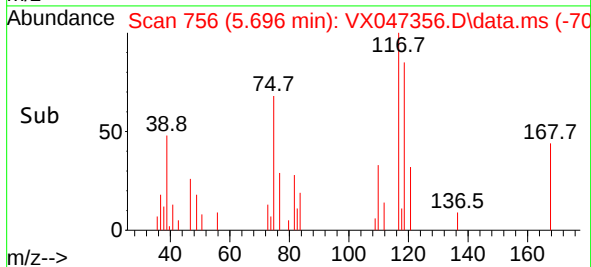
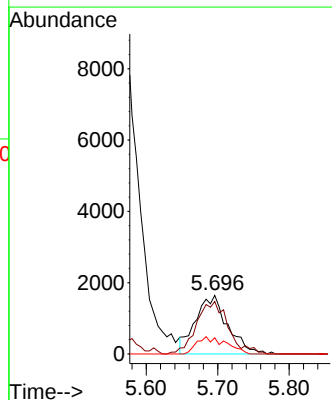
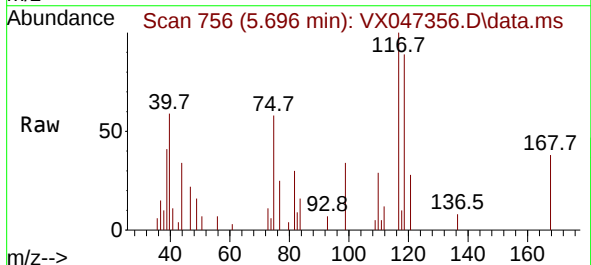
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

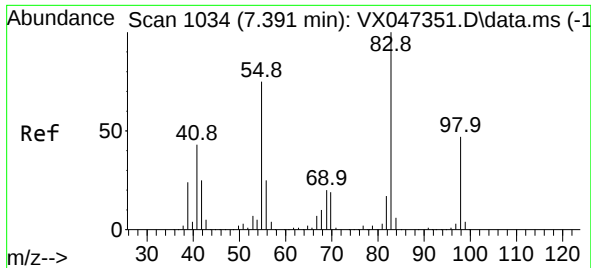
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
61 8.8 9.4 14.2#
70 4.4 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 0.921 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 117 Resp: 5100
Ion Ratio Lower Upper
117 100
119 89.4 78.5 117.7
121 27.5 24.7 37.1





#39

Methylcyclohexane

Concen: 0.931 ug/l

RT: 7.391 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

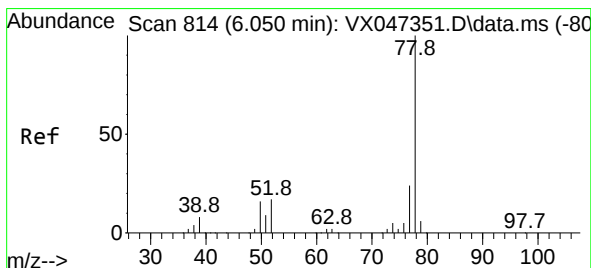
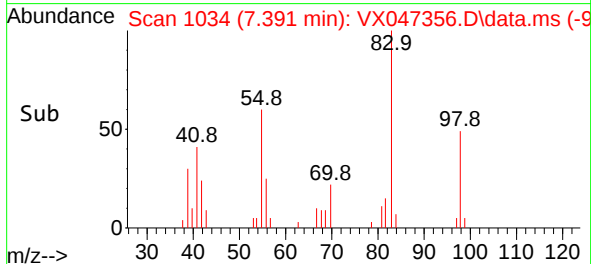
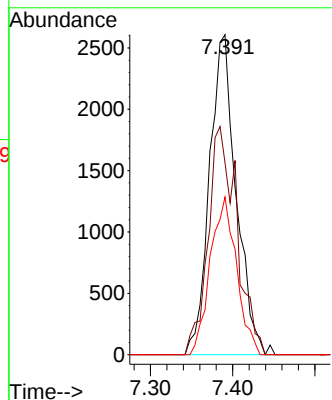
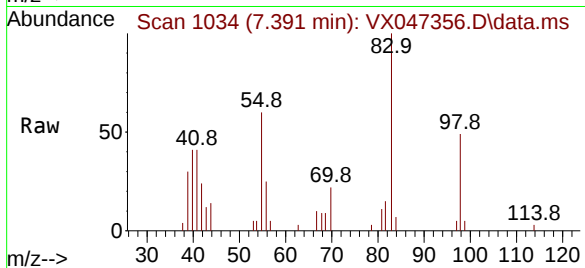
Tgt Ion: 83 Resp: 5884

Ion Ratio Lower Upper

83 100

55 60.0 60.0 90.0

98 49.3 37.2 55.8



#40

Benzene

Concen: 0.855 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.006 min

Lab File: VX047356.D

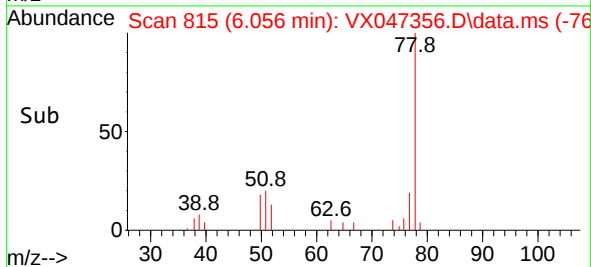
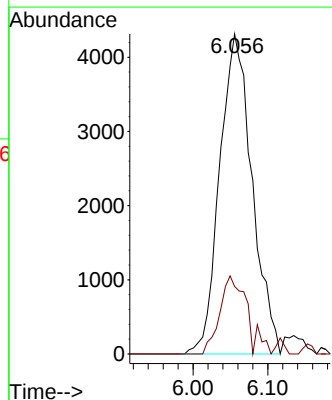
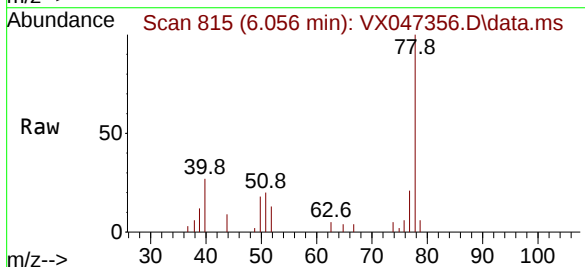
Acq: 15 Aug 2025 12:30

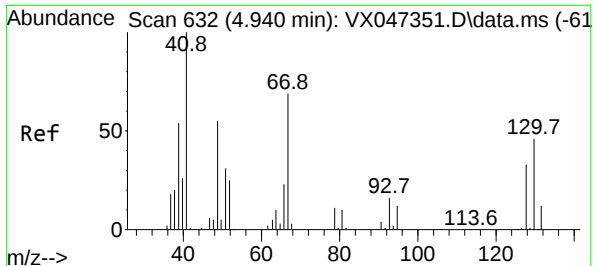
Tgt Ion: 78 Resp: 12977

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.4

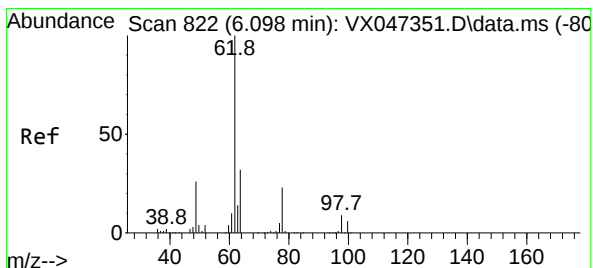
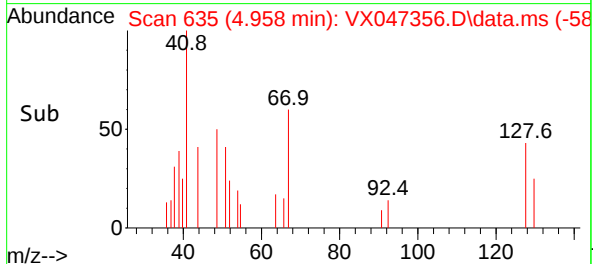
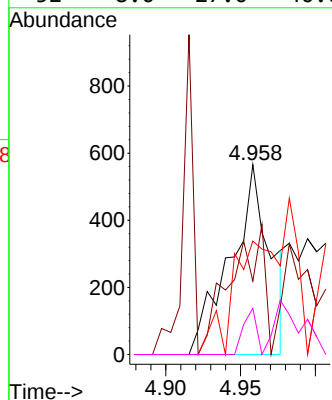
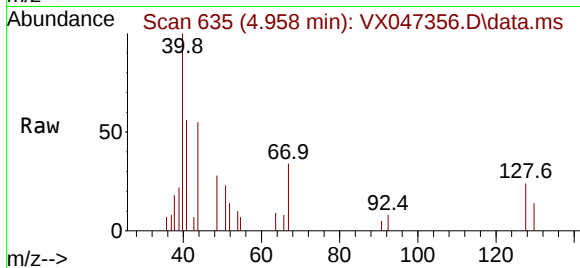




#41
Methacrylonitrile
Concen: 0.470 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

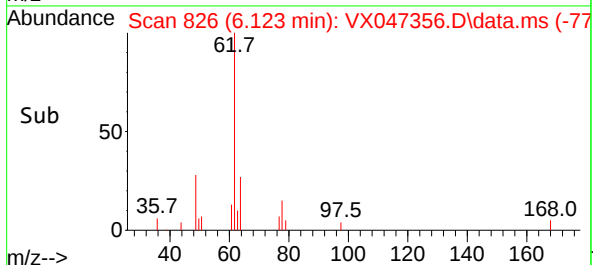
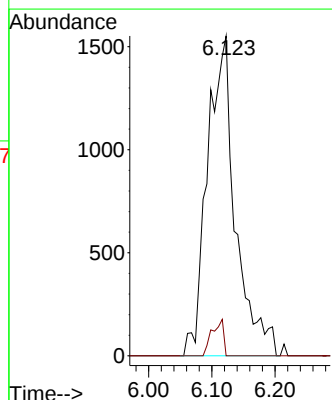
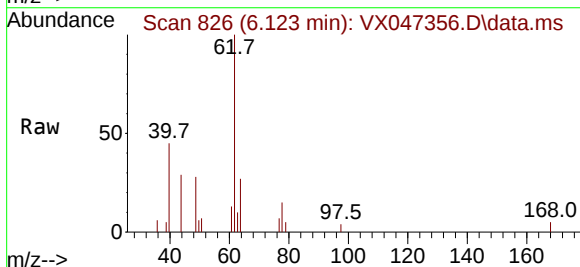
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

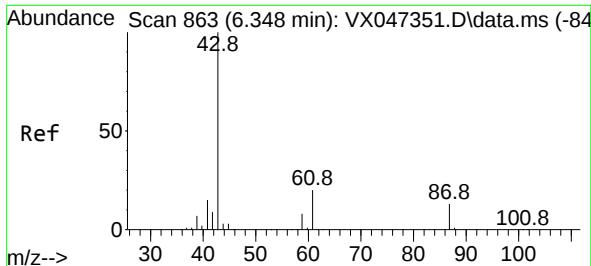
Tgt Ion: 41 Resp: 1043
Ion Ratio Lower Upper
41 100
39 55.1 45.4 68.2
67 59.8 64.0 96.0#
52 8.0 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 0.890 ug/l
RT: 6.123 min Scan# 826
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 62 Resp: 4784
Ion Ratio Lower Upper
62 100
98 4.7 0.0 18.0





#43

Isopropyl Acetate

Concen: 0.844 ug/l

RT: 6.366 min Scan# 866

Delta R.T. 0.018 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

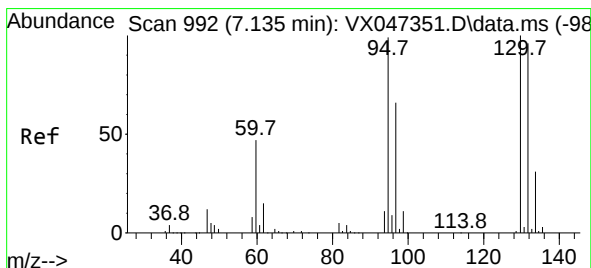
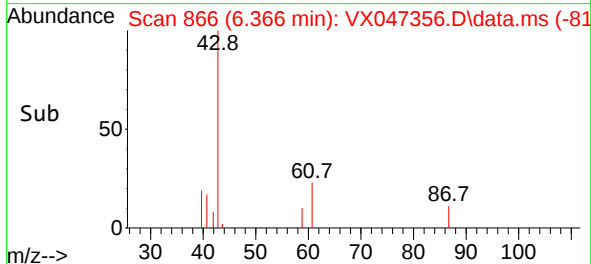
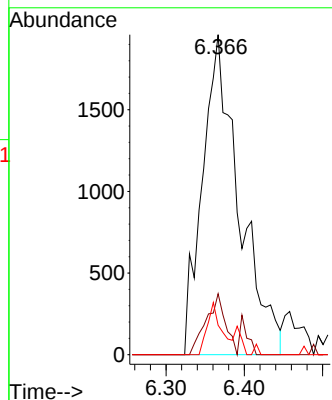
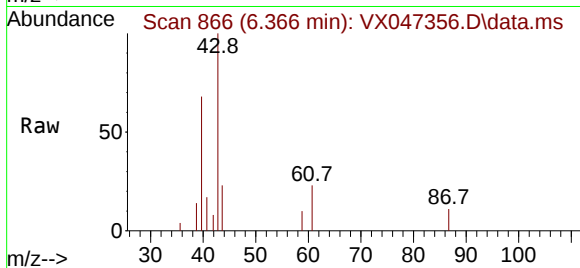
Tgt Ion: 43 Resp: 6382

Ion Ratio Lower Upper

43 100

61 10.0 15.4 23.0#

87 6.4 10.2 15.4#



#44

Trichloroethene

Concen: 0.857 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.006 min

Lab File: VX047356.D

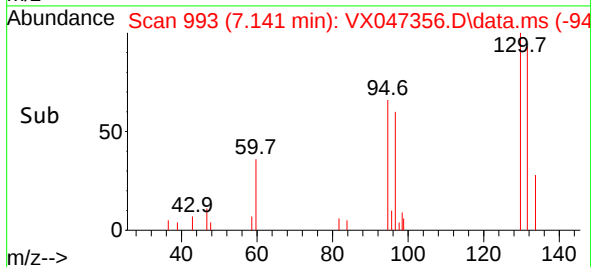
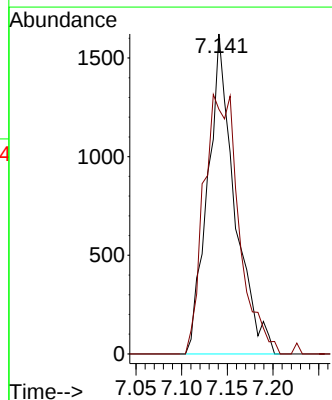
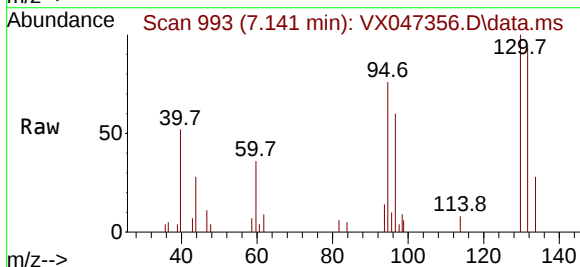
Acq: 15 Aug 2025 12:30

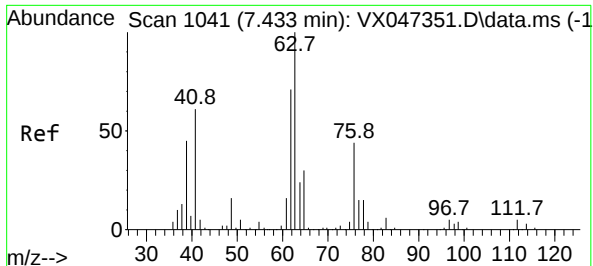
Tgt Ion: 130 Resp: 3329

Ion Ratio Lower Upper

130 100

95 86.1 0.0 198.6





#45

1,2-Dichloropropane

Concen: 0.929 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

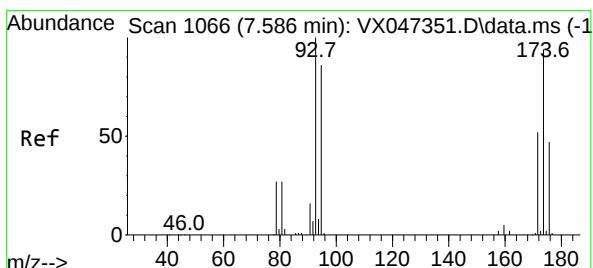
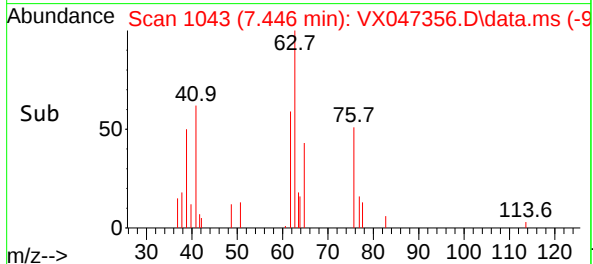
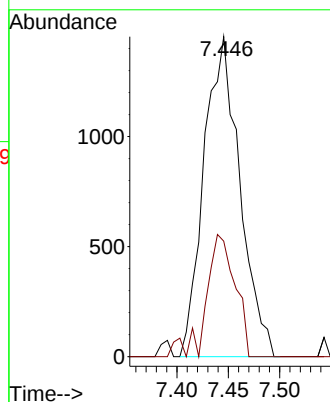
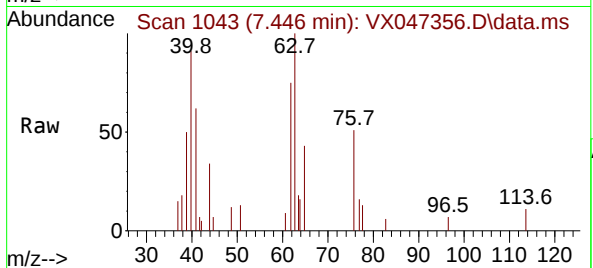
VSTDIC001

Tgt Ion: 63 Resp: 3532

Ion Ratio Lower Upper

63 100

65 36.1 23.8 35.6#



#46

Dibromomethane

Concen: 0.889 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

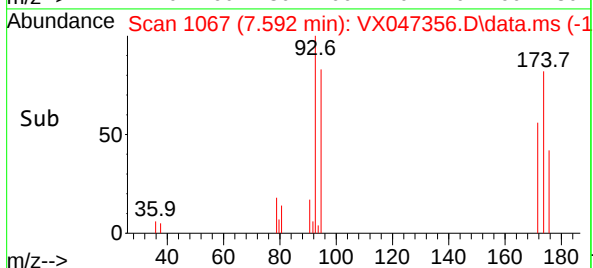
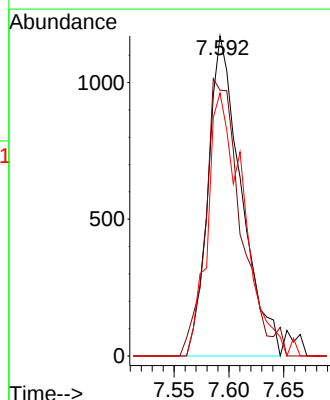
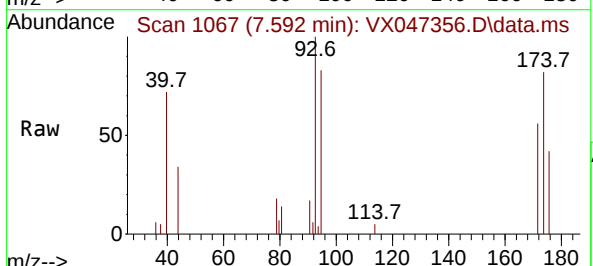
Tgt Ion: 93 Resp: 2453

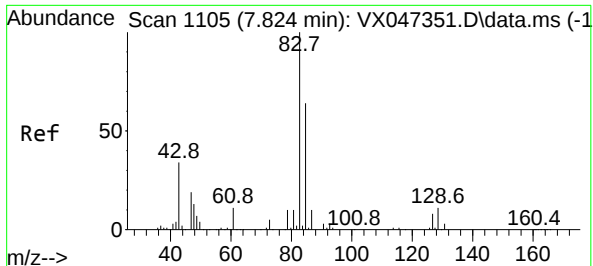
Ion Ratio Lower Upper

93 100

95 92.7 68.0 102.0

174 90.2 75.8 113.6

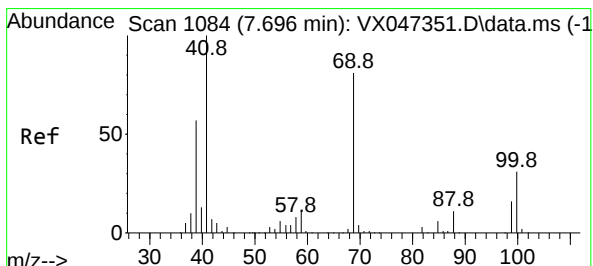
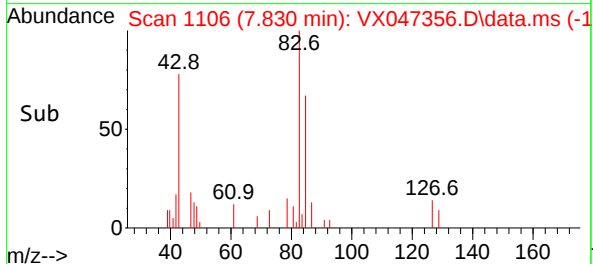
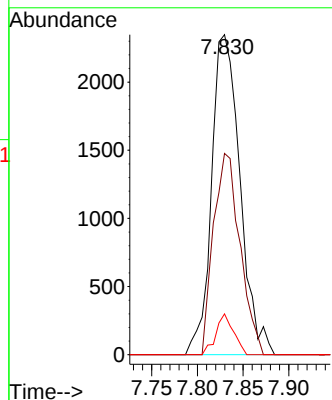
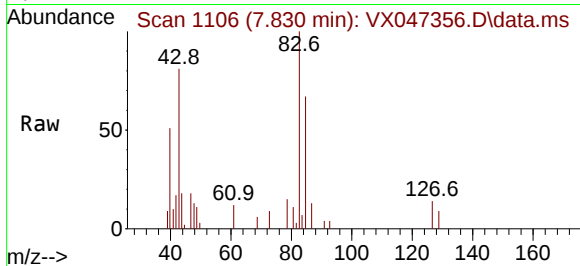




#47
Bromodichloromethane
Concen: 0.888 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

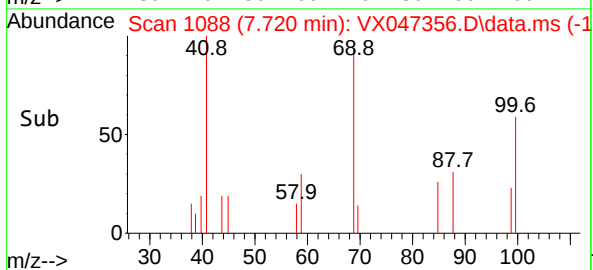
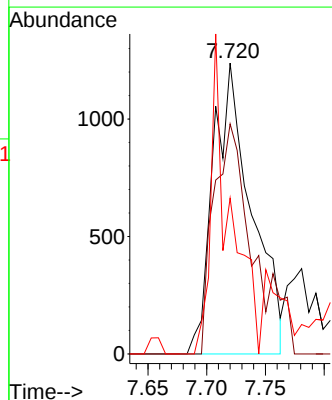
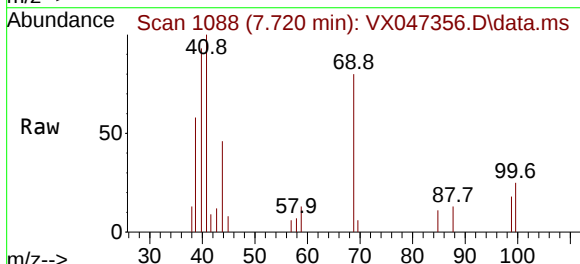
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

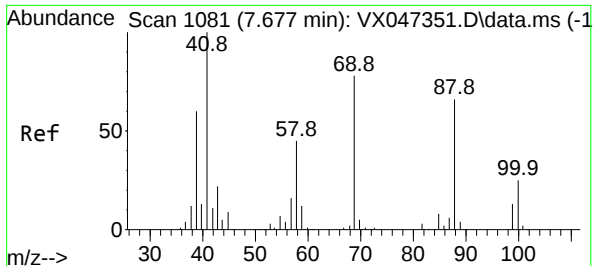
Tgt Ion:	83	Resp:	5078
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6
127	12.8	7.0	10.4



#48
Methyl methacrylate
Concen: 0.717 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:	41	Resp:	2812
Ion	Ratio	Lower	Upper
41	100		
69	81.6	65.0	97.4
39	54.3	45.7	68.5





#49

1,4-Dioxane

Concen: 11.380 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.030 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

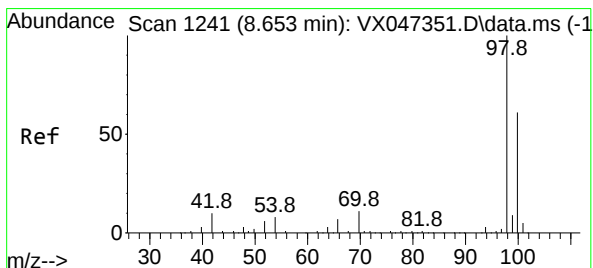
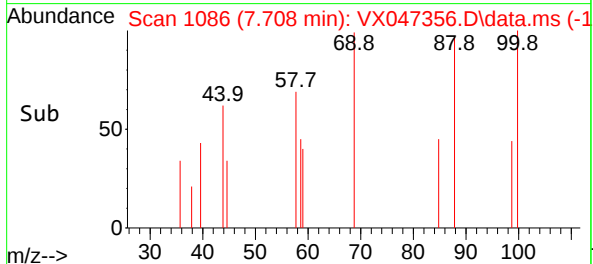
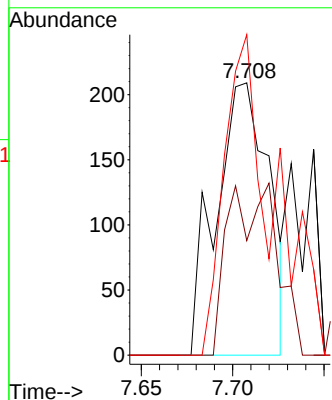
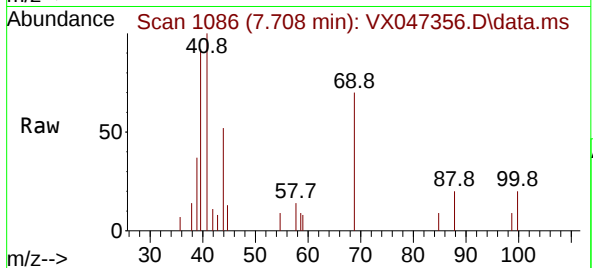
Tgt Ion: 88 Resp: 424

Ion Ratio Lower Upper

88 100

43 0.0 32.4 48.6#

58 76.4 56.9 85.3



#50

Toluene-d8

Concen: 2.731 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX047356.D

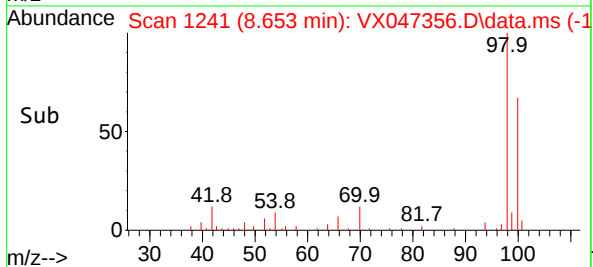
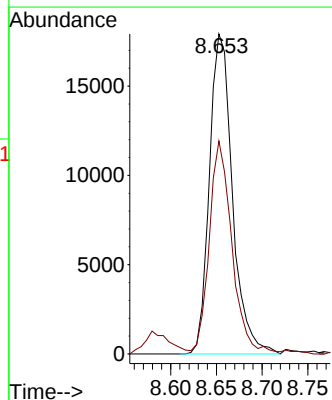
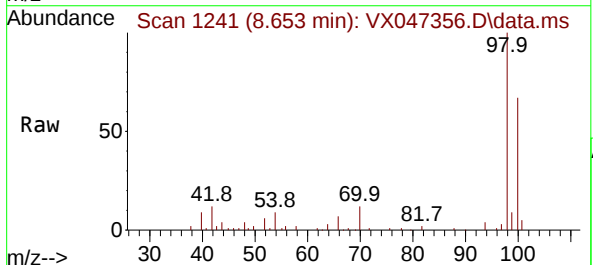
Acq: 15 Aug 2025 12:30

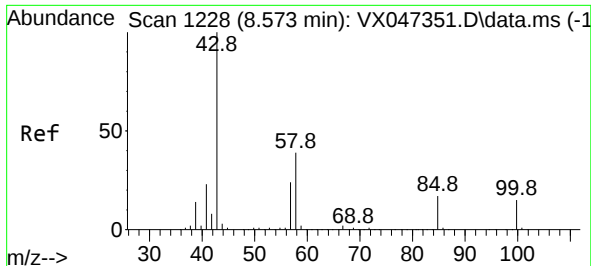
Tgt Ion: 98 Resp: 31338

Ion Ratio Lower Upper

98 100

100 63.8 53.9 80.9

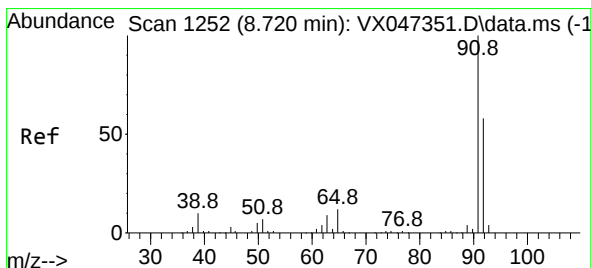
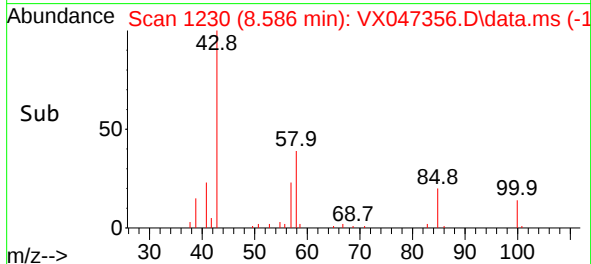
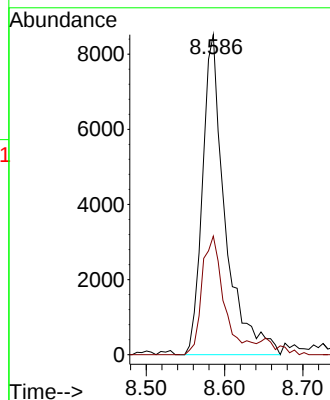
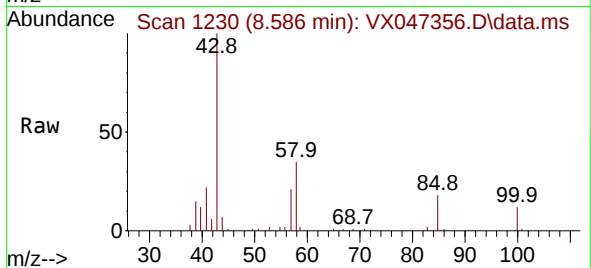




#51
4-Methyl-2-Pentanone
Concen: 3.933 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

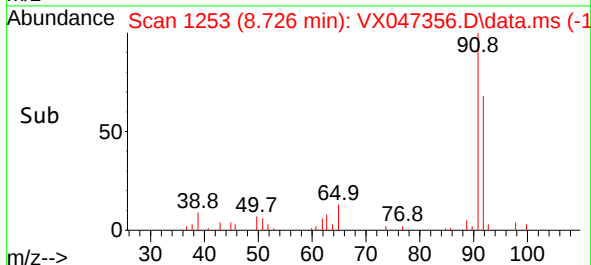
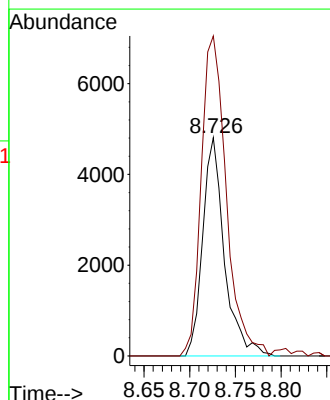
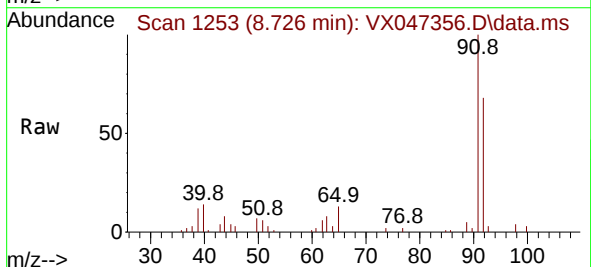
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

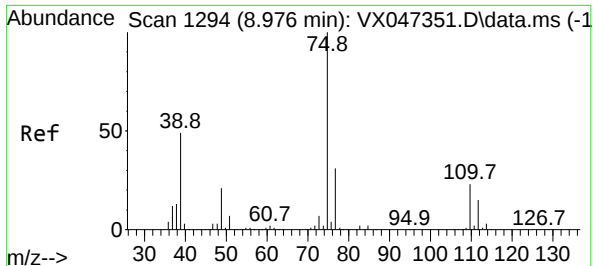
Tgt Ion: 43 Resp: 17109
Ion Ratio Lower Upper
43 100
58 36.8 31.2 46.8



#52
Toluene
Concen: 0.846 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 92 Resp: 7930
Ion Ratio Lower Upper
92 100
91 168.9 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 0.735 ug/l

RT: 8.988 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

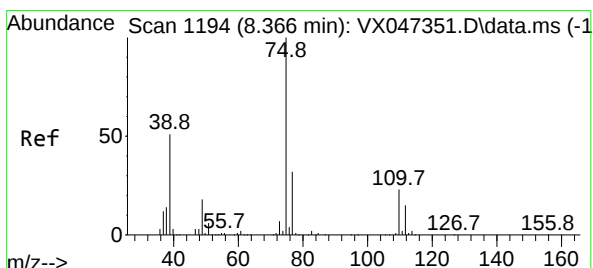
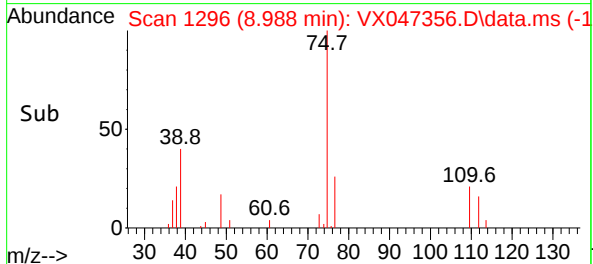
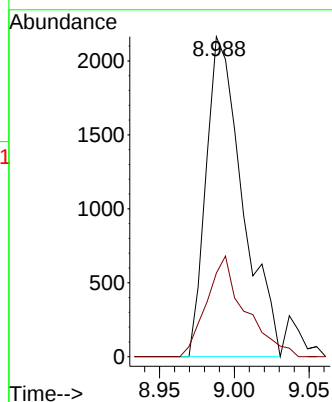
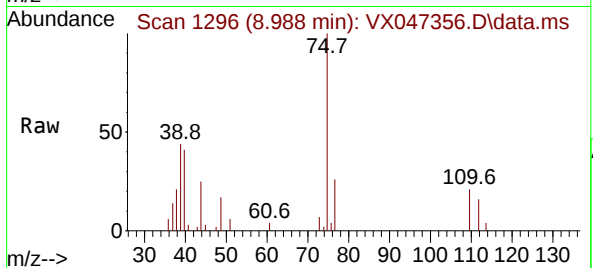
VSTDIC001

Tgt Ion: 75 Resp: 3671

Ion Ratio Lower Upper

75 100

77 26.1 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 0.790 ug/l

RT: 8.378 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

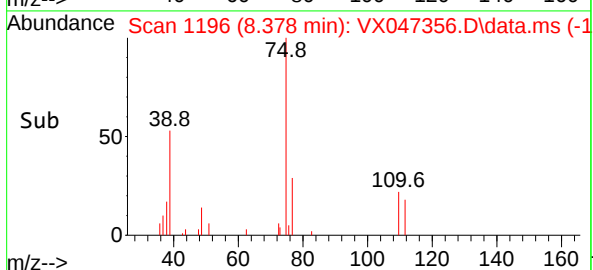
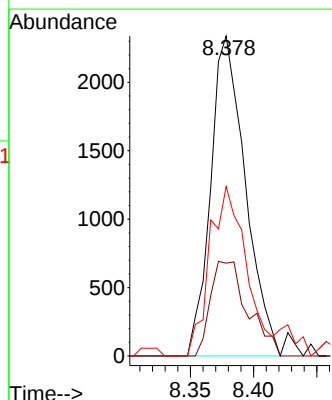
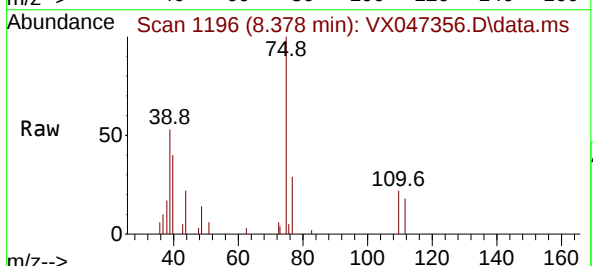
Tgt Ion: 75 Resp: 4466

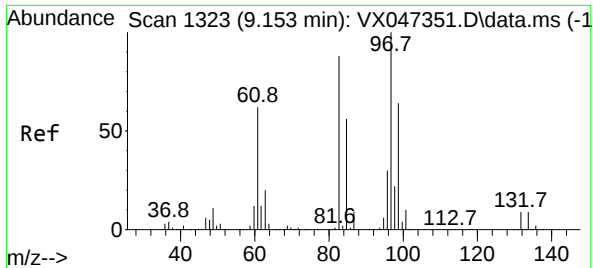
Ion Ratio Lower Upper

75 100

77 27.6 25.6 38.4

39 47.5 40.9 61.3

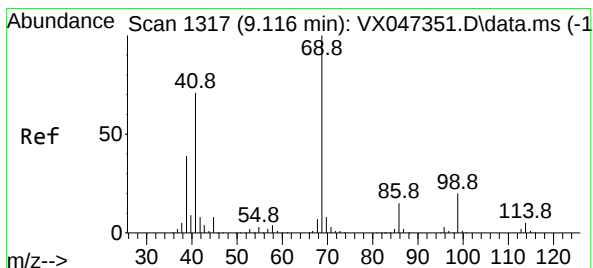
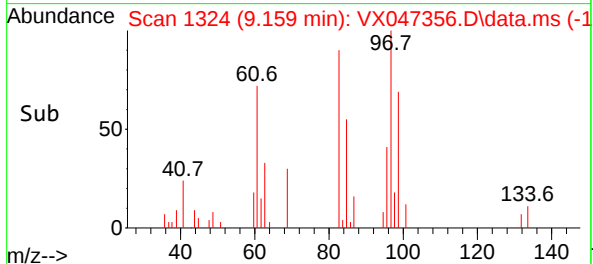
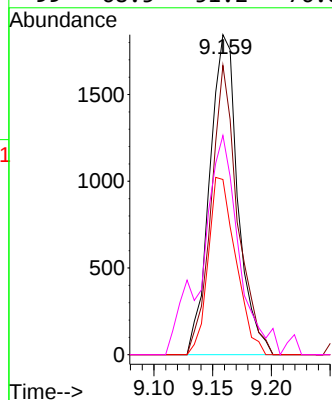
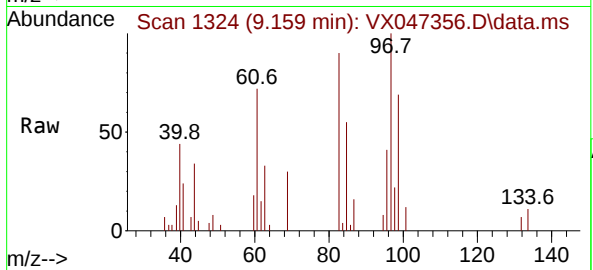




#55
 1,1,2-Trichloroethane
 Concen: 0.870 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

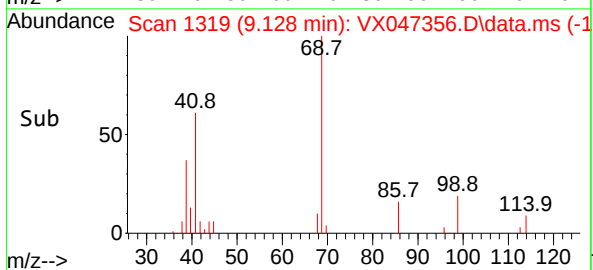
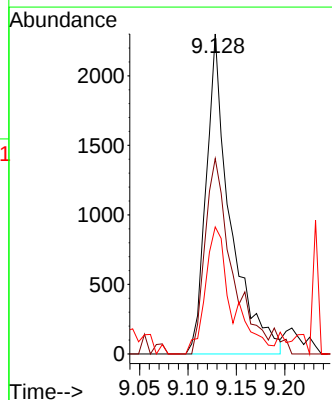
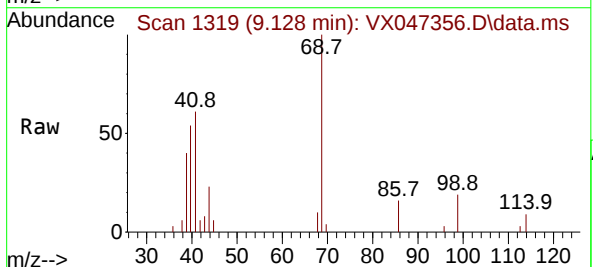
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

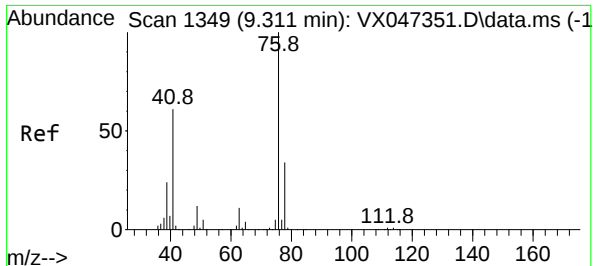
Tgt Ion:	97	Resp:	3095
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	106.0
85	54.7	44.7	67.1
99	68.5	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 0.763 ug/l
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion:	69	Resp:	4003
Ion	Ratio	Lower	Upper
69	100		
41	71.7	55.3	82.9
39	44.4	30.2	45.2





#57

1,3-Dichloropropane

Concen: 0.902 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

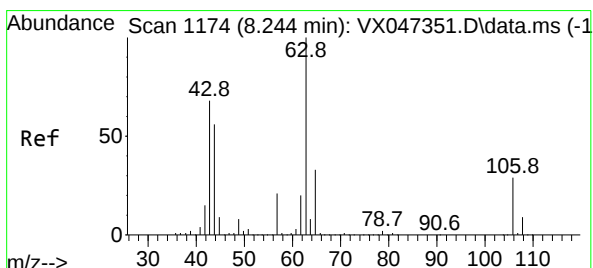
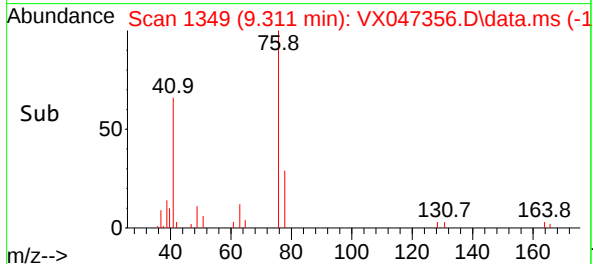
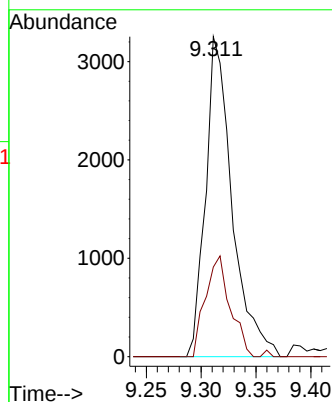
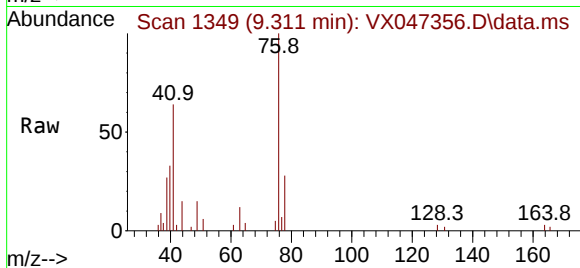
VSTDIC001

Tgt Ion: 76 Resp: 5471

Ion Ratio Lower Upper

76 100

78 29.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 10.313 ug/l

RT: 8.256 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX047356.D

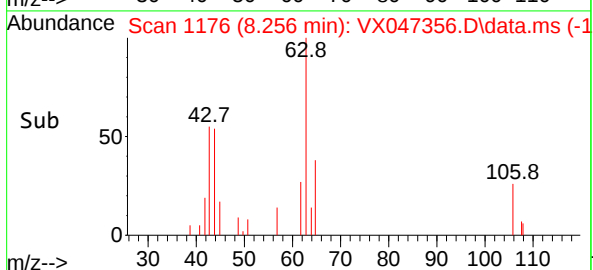
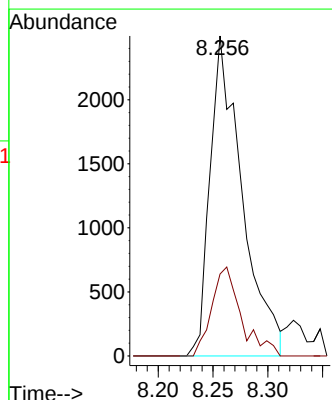
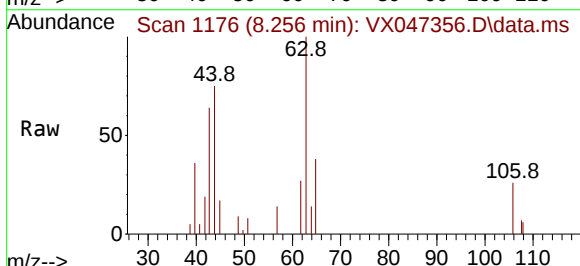
Acq: 15 Aug 2025 12:30

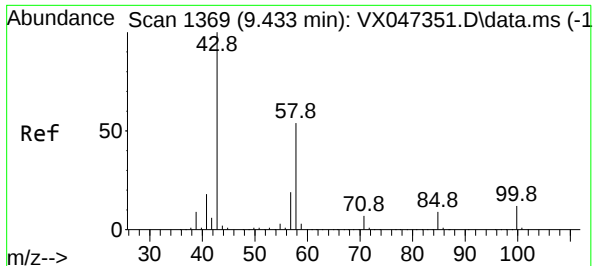
Tgt Ion: 63 Resp: 5074

Ion Ratio Lower Upper

63 100

106 25.6 22.8 34.2





#59

2-Hexanone

Concen: 3.926 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

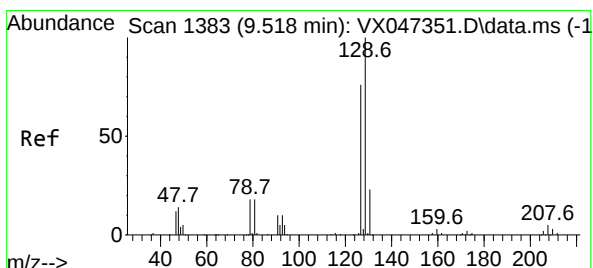
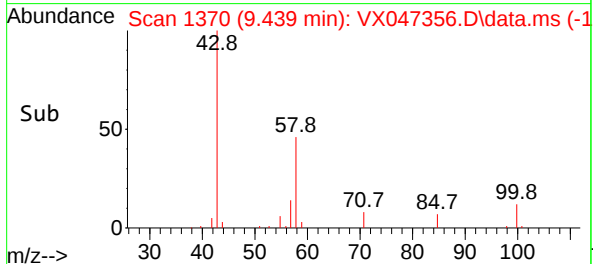
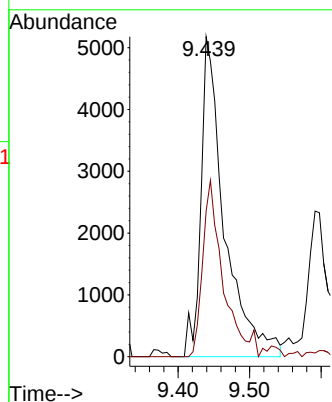
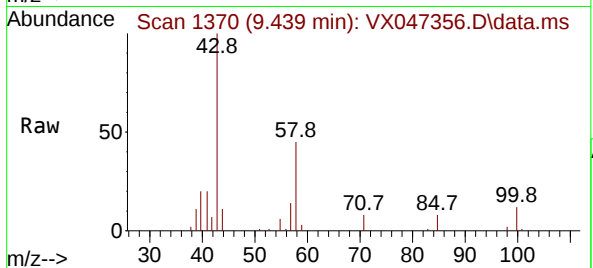
VSTDIC001

Tgt Ion: 43 Resp: 11811

Ion Ratio Lower Upper

43 100

58 48.3 26.9 80.7



#60

Dibromochloromethane

Concen: 0.893 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX047356.D

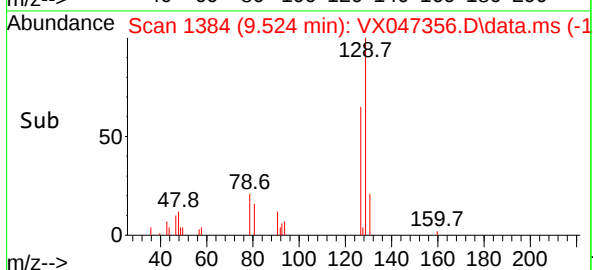
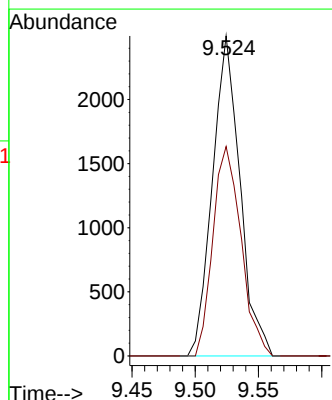
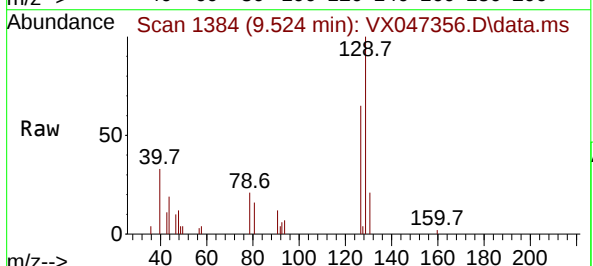
Acq: 15 Aug 2025 12:30

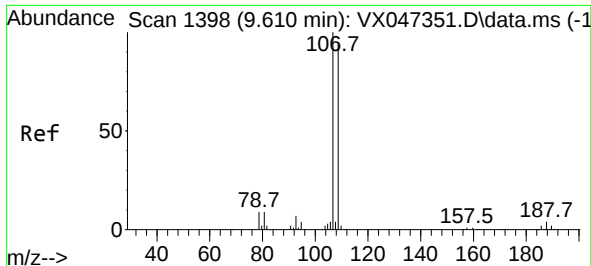
Tgt Ion: 129 Resp: 3776

Ion Ratio Lower Upper

129 100

127 66.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.906 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

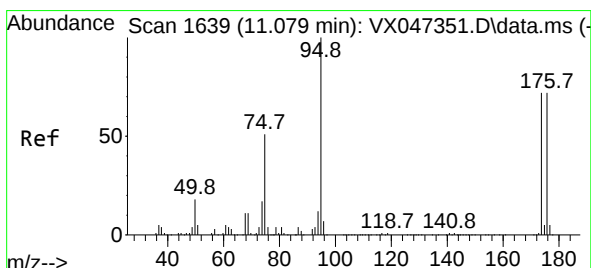
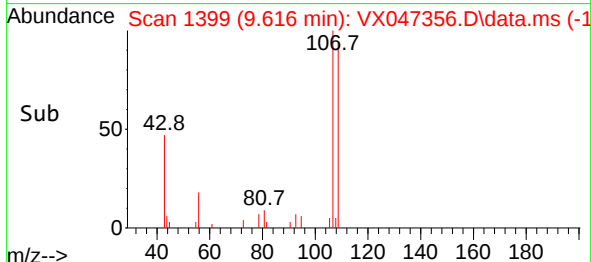
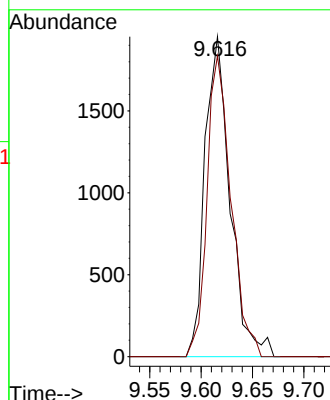
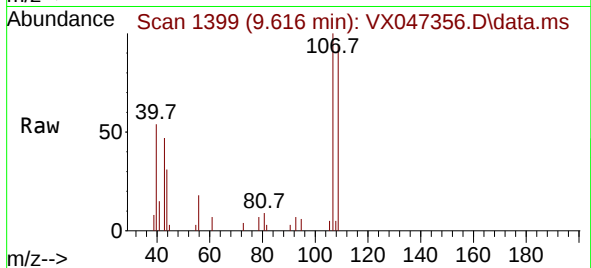
VSTDIC001

Tgt Ion:107 Resp: 3325

Ion Ratio Lower Upper

107 100

109 89.7 76.2 114.2



#62

4-Bromofluorobenzene

Concen: 3.023 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

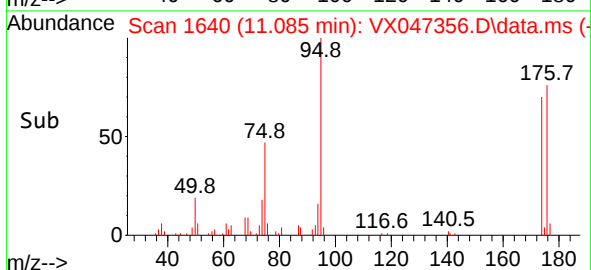
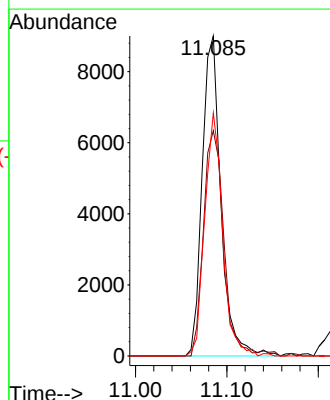
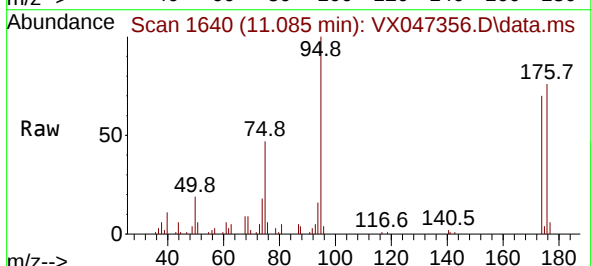
Tgt Ion: 95 Resp: 12800

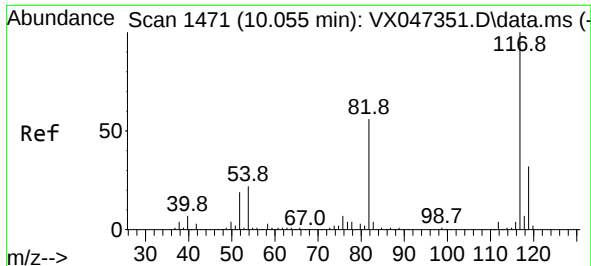
Ion Ratio Lower Upper

95 100

174 75.6 0.0 148.0

176 73.1 0.0 145.4

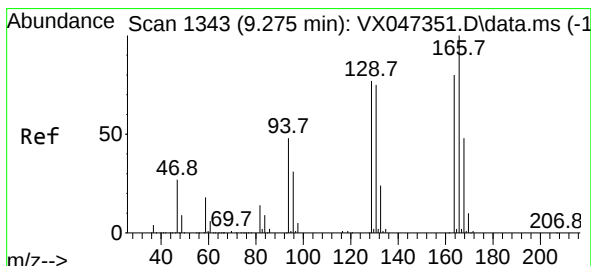
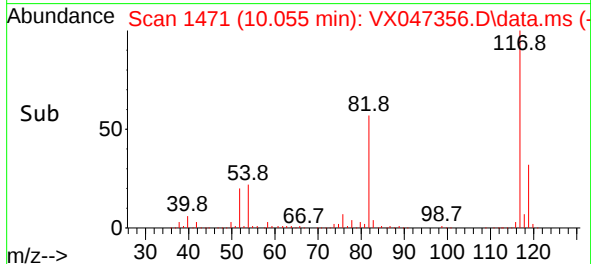
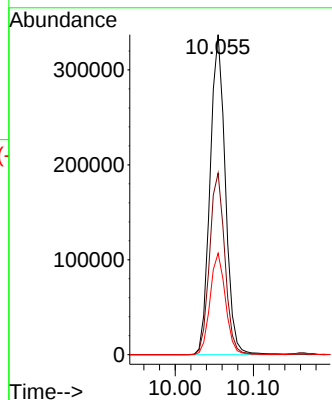
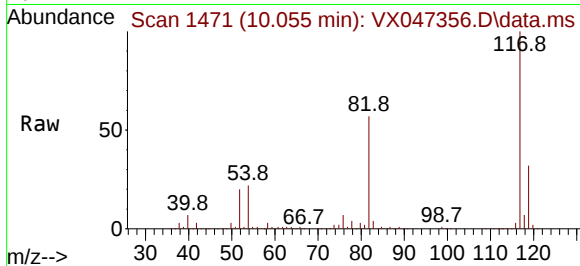




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

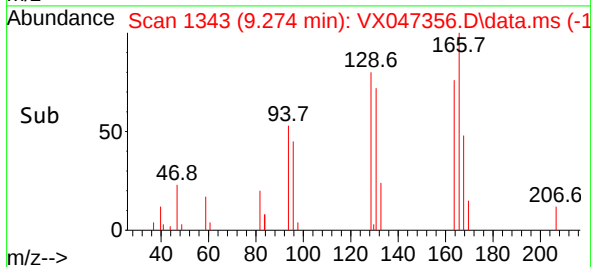
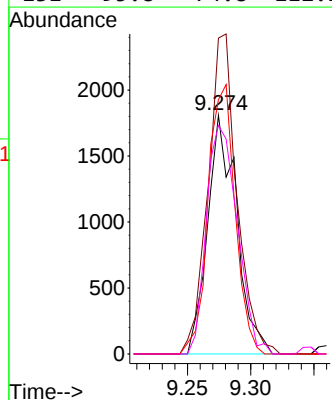
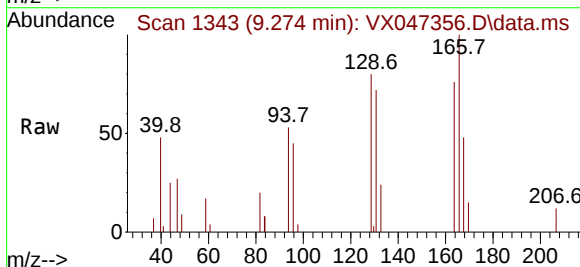
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

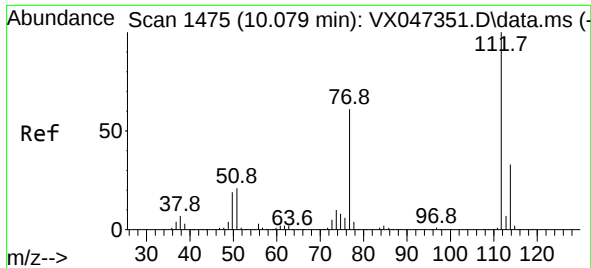
Tgt Ion:117 Resp: 456440
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 0.875 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:164 Resp: 2888
Ion Ratio Lower Upper
164 100
166 132.4 100.3 150.5
129 106.6 77.7 116.5
131 95.8 74.8 112.2

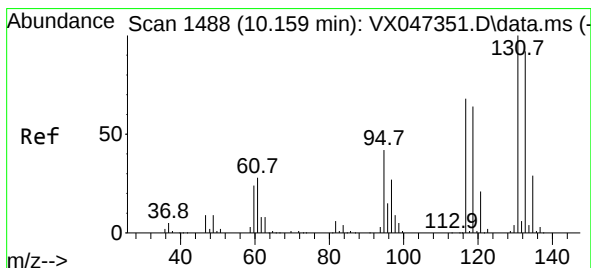
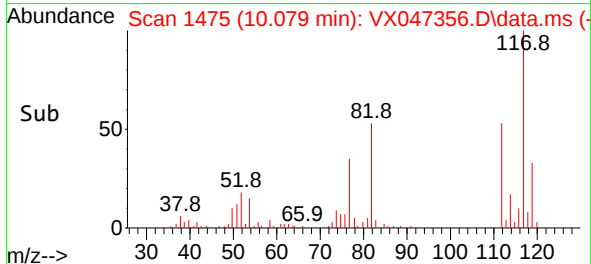
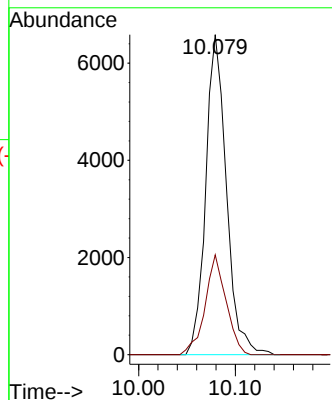
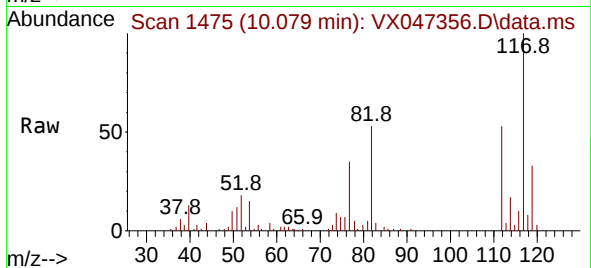




#65
Chlorobenzene
Concen: 0.903 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

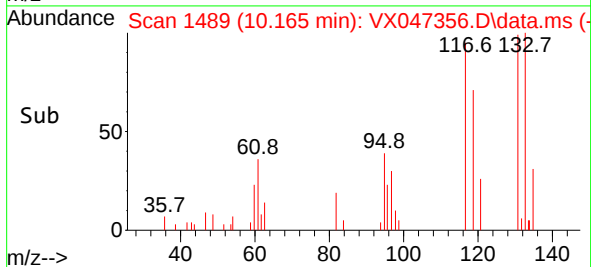
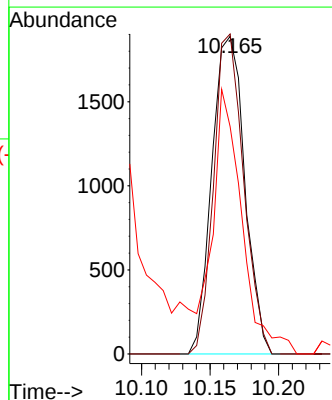
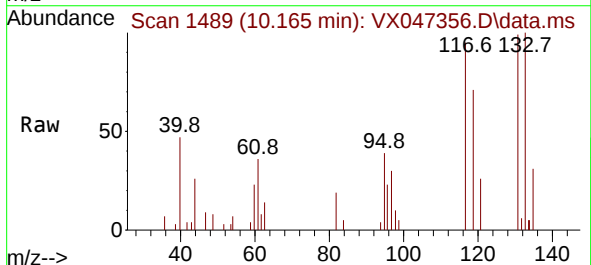
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

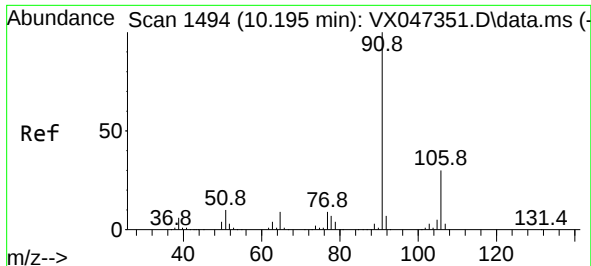
Tgt Ion:112 Resp: 9799
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:131 Resp: 3146
Ion Ratio Lower Upper
131 100
133 91.9 47.6 142.9
119 0.0 32.3 96.8#





#67

Ethyl Benzene

Concen: 0.840 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

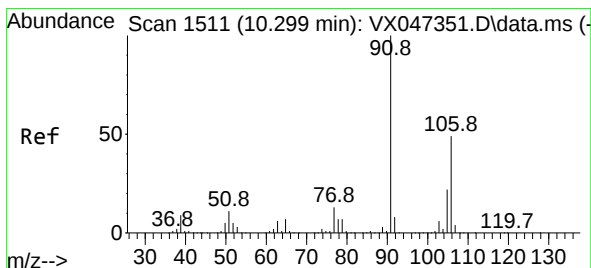
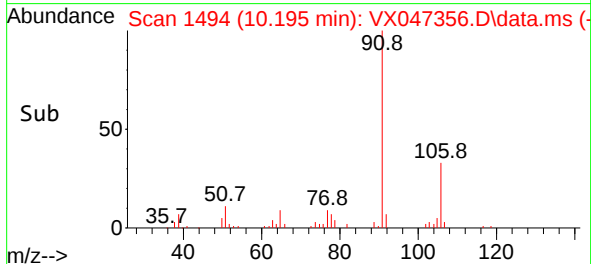
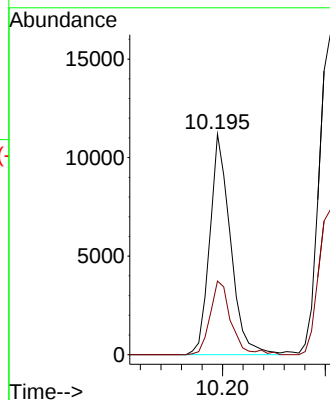
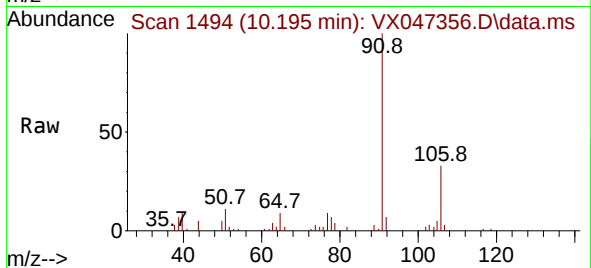
VSTDIC001

Tgt Ion: 91 Resp: 15680

Ion Ratio Lower Upper

91 100

106 35.9 24.4 36.6



#68

m/p-Xylenes

Concen: 1.683 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX047356.D

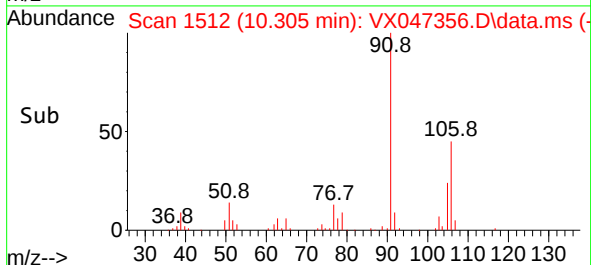
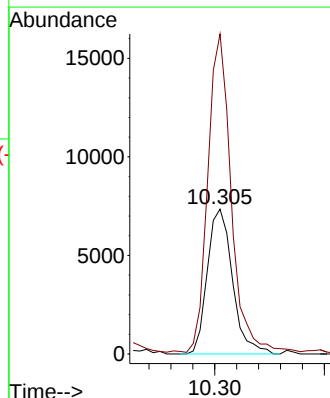
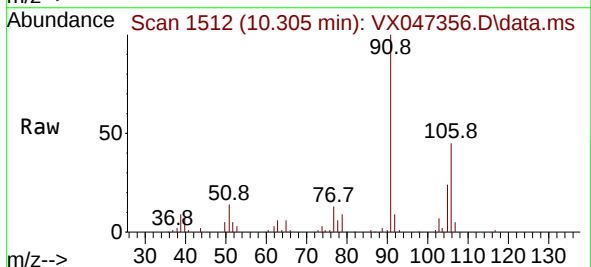
Acq: 15 Aug 2025 12:30

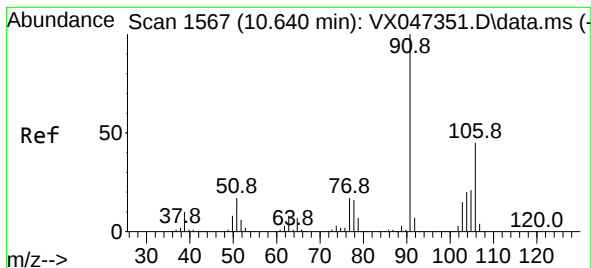
Tgt Ion: 106 Resp: 11714

Ion Ratio Lower Upper

106 100

91 203.4 164.7 247.1





#69

o-Xylene

Concen: 0.887 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

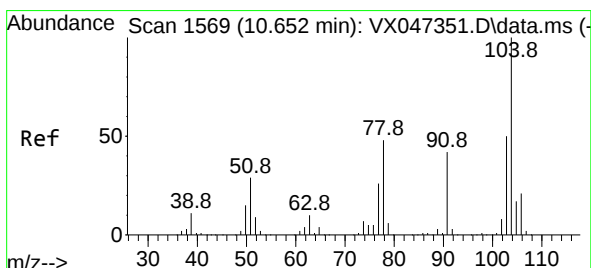
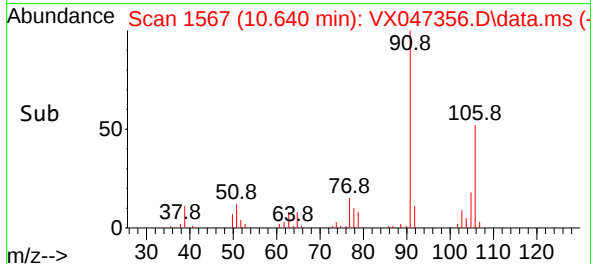
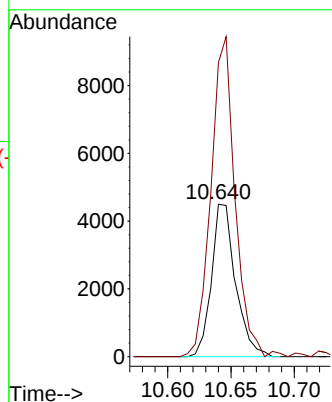
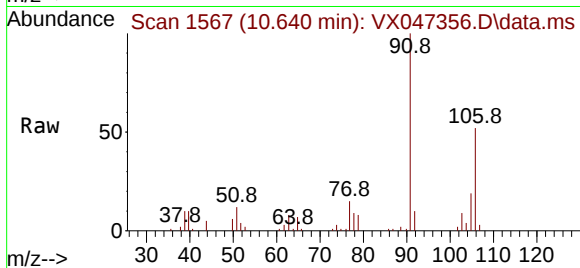
VSTDIC001

Tgt Ion:106 Resp: 5943

Ion Ratio Lower Upper

106 100

91 210.1 110.6 331.8



#70

Styrene

Concen: 0.733 ug/l

RT: 10.664 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

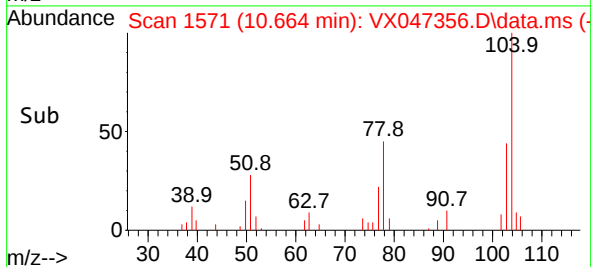
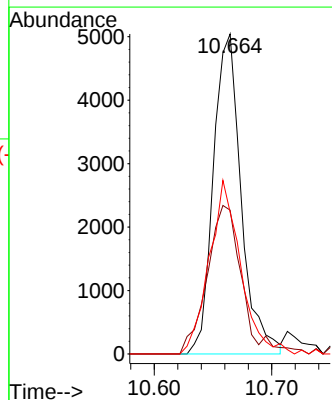
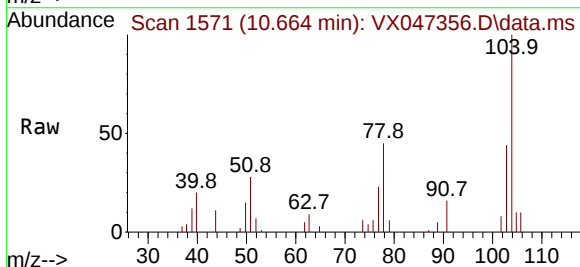
Tgt Ion:104 Resp: 8294

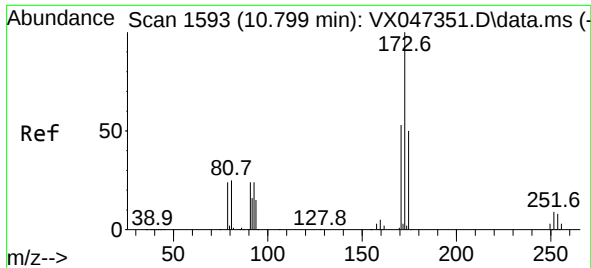
Ion Ratio Lower Upper

104 100

78 57.9 41.8 62.8

103 61.2 43.6 65.4

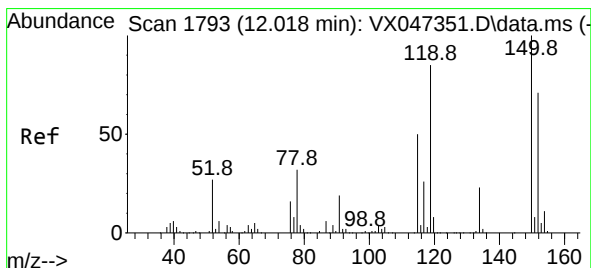
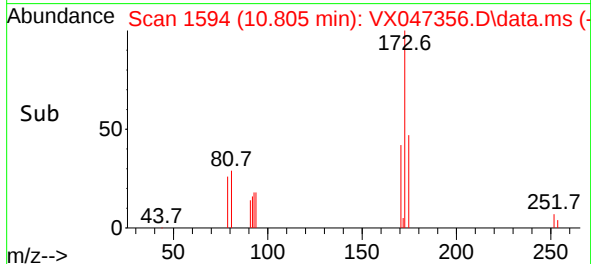
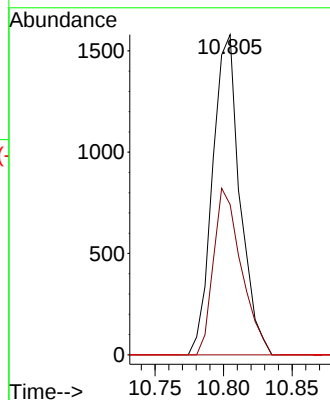
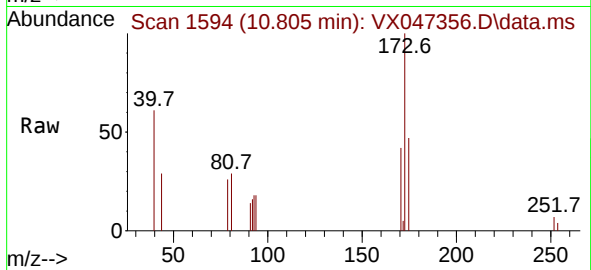




#71
Bromoform
Concen: 0.799 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

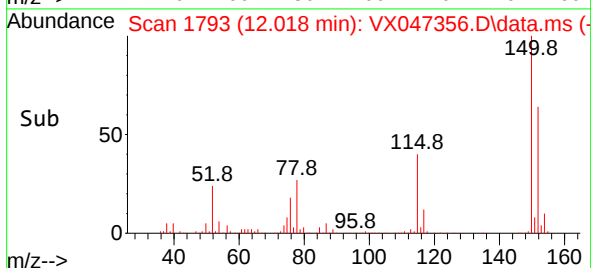
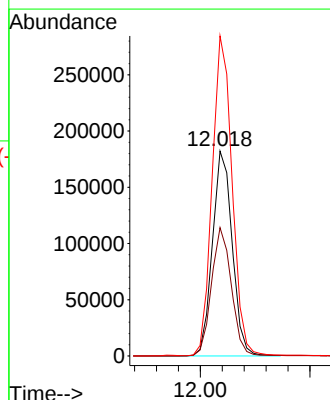
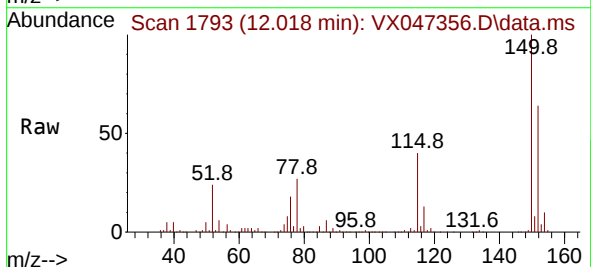
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

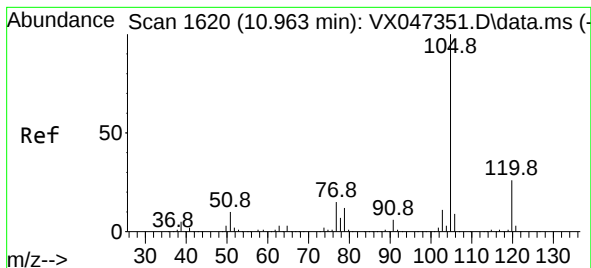
Tgt Ion:173 Resp: 2201
Ion Ratio Lower Upper
173 100
175 52.7 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:152 Resp: 228745
Ion Ratio Lower Upper
152 100
115 63.1 44.6 133.8
150 157.4 0.0 349.8





#73

Isopropylbenzene

Concen: 0.821 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

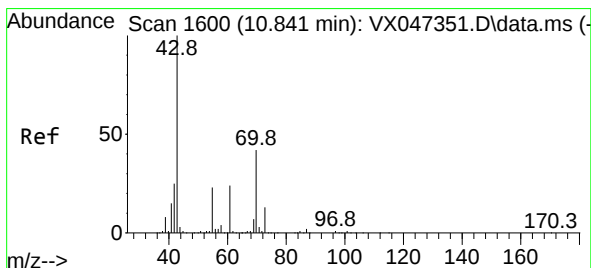
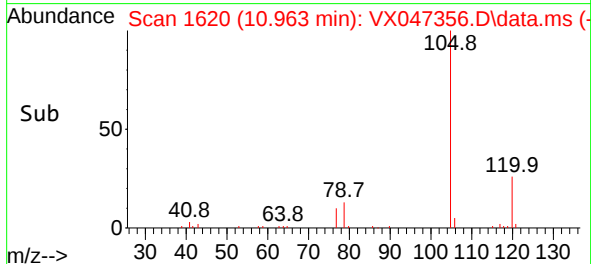
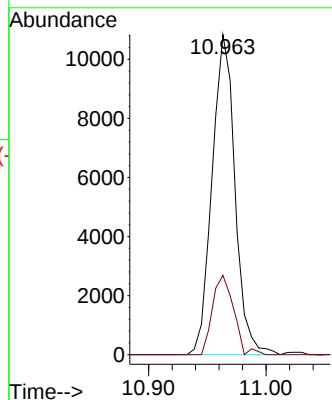
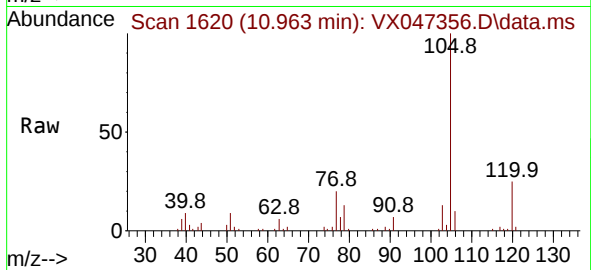
VSTDICC001

Tgt Ion:105 Resp: 14688

Ion Ratio Lower Upper

105 100

120 22.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.705 ug/l

RT: 10.853 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Tgt Ion: 43 Resp: 4792

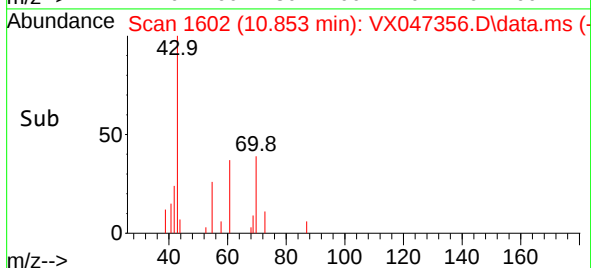
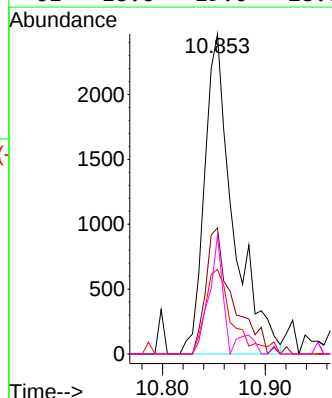
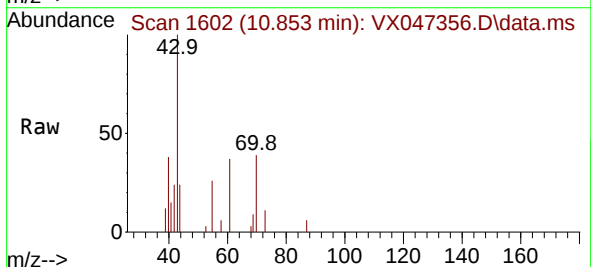
Ion Ratio Lower Upper

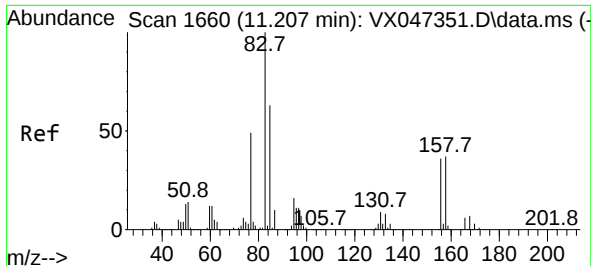
43 100

70 37.3 33.1 49.7

55 24.5 19.0 28.6

61 18.6 19.0 28.6#

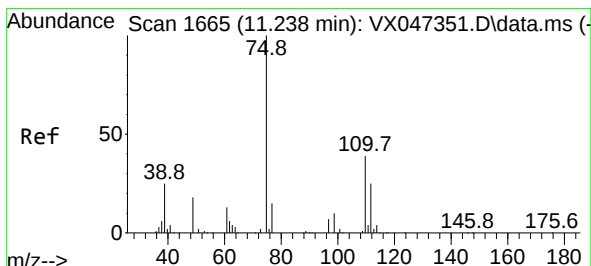
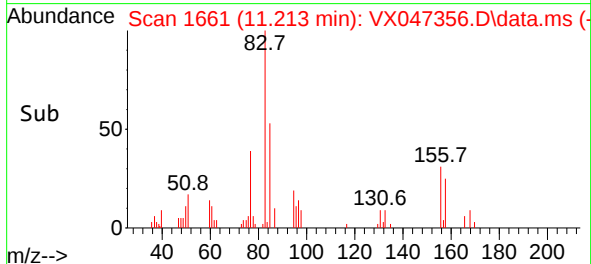
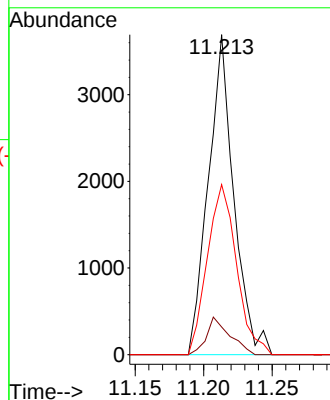
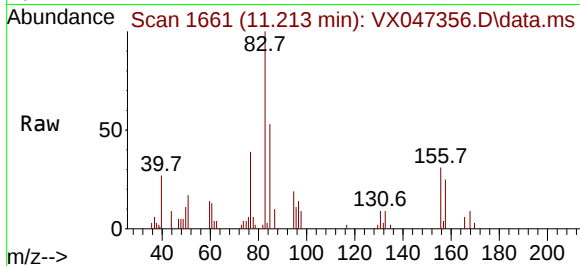




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.909 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

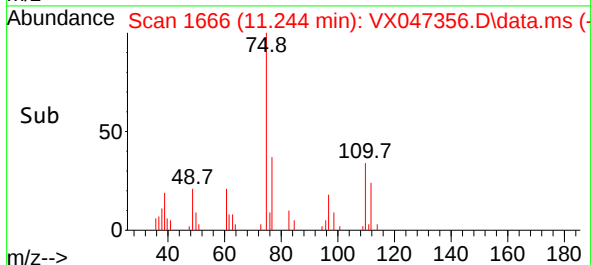
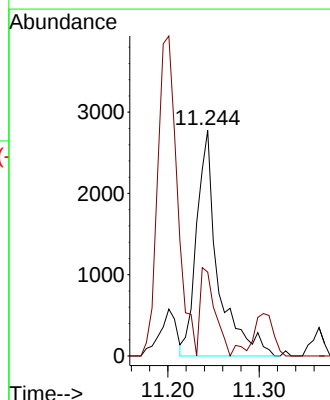
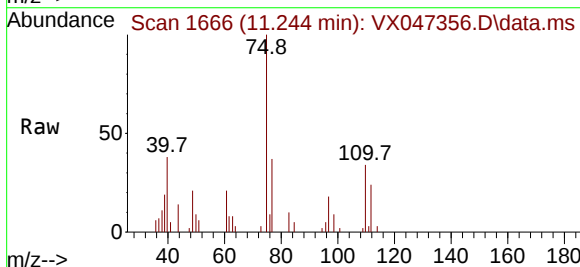
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

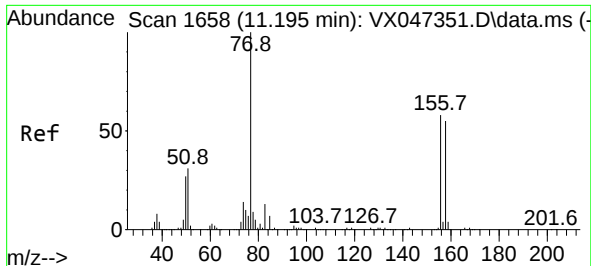
Tgt Ion: 83 Resp: 4778
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 15.0
 85 60.9 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 1.074 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion: 75 Resp: 4507
 Ion Ratio Lower Upper
 75 100
 77 27.1 19.4 58.2

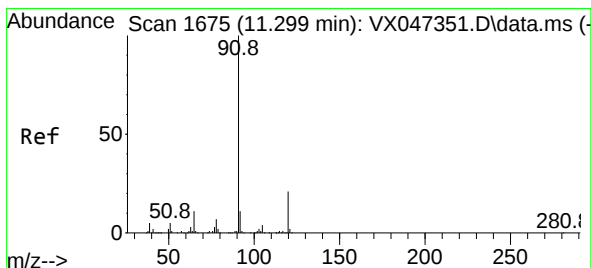
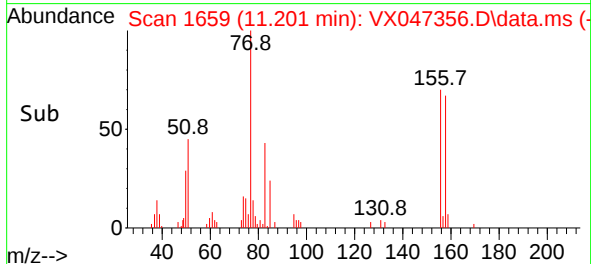
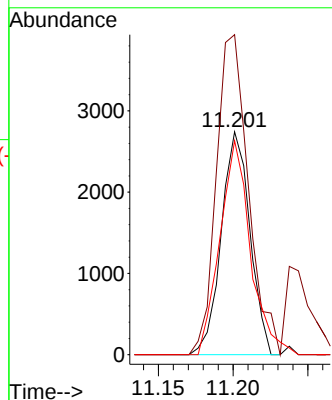
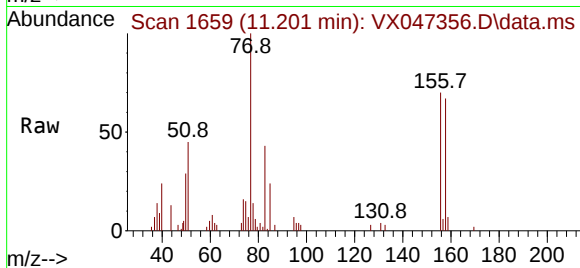




#77
Bromobenzene
Concen: 0.835 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

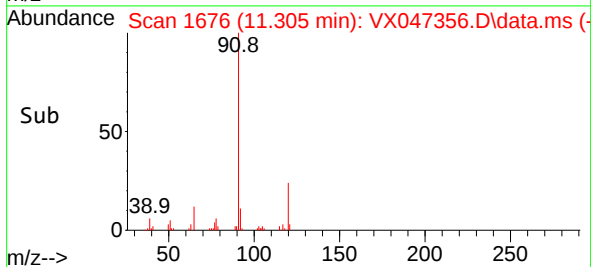
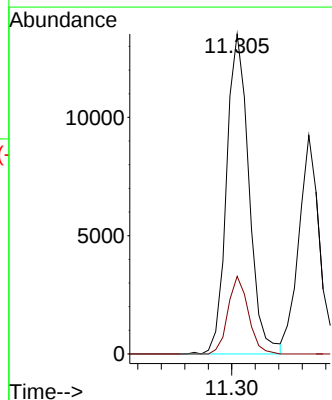
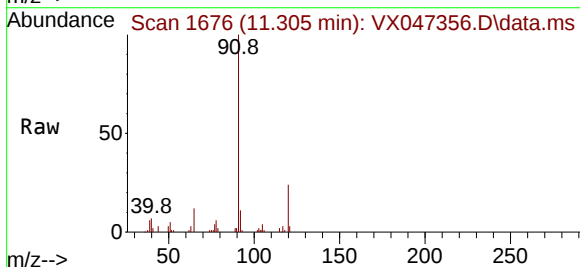
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

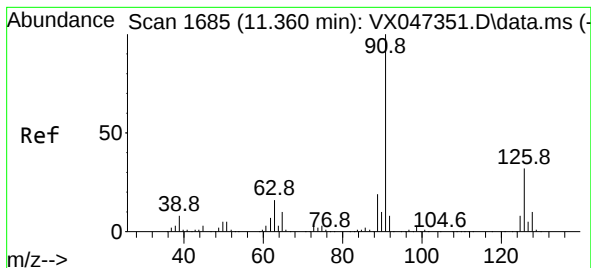
Tgt Ion:156 Resp: 3648
Ion Ratio Lower Upper
156 100
77 160.5 86.3 258.9
158 102.7 48.0 144.2



#78
n-propylbenzene
Concen: 0.836 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 17866
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.901 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

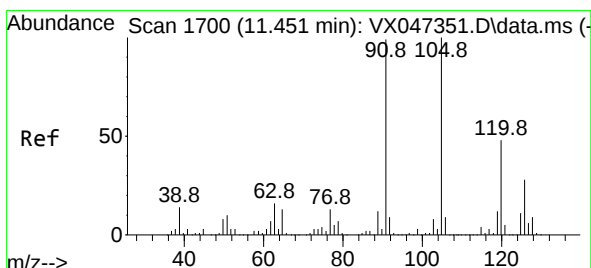
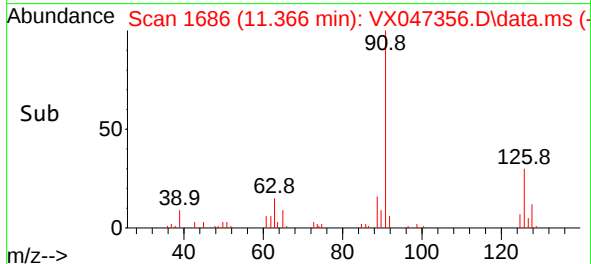
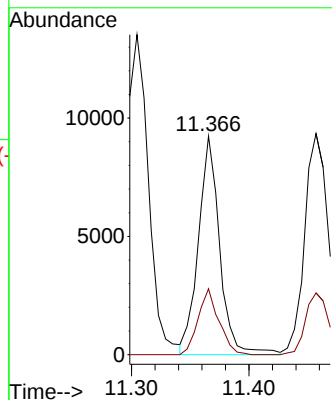
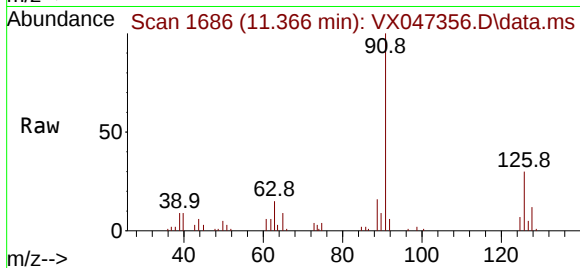
VSTDIC001

Tgt Ion: 91 Resp: 11644

Ion Ratio Lower Upper

91 100

126 29.4 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 0.844 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX047356.D

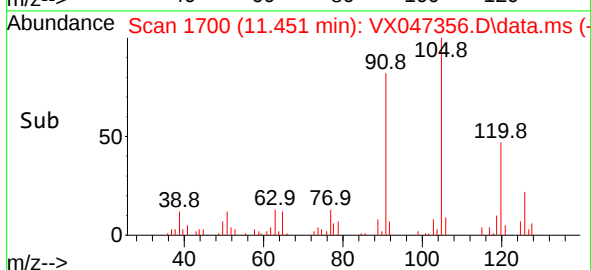
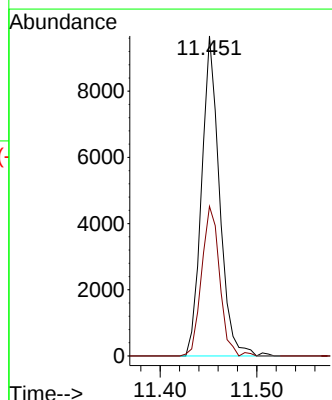
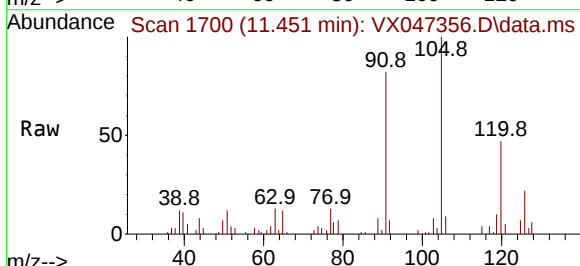
Acq: 15 Aug 2025 12:30

Tgt Ion: 105 Resp: 12427

Ion Ratio Lower Upper

105 100

120 47.2 23.9 71.7

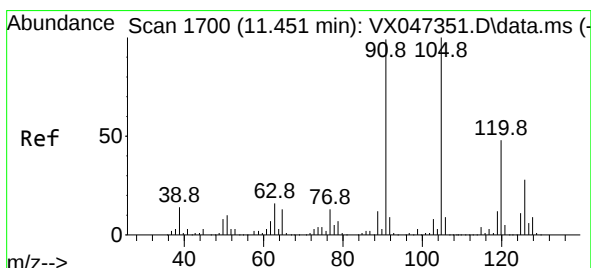
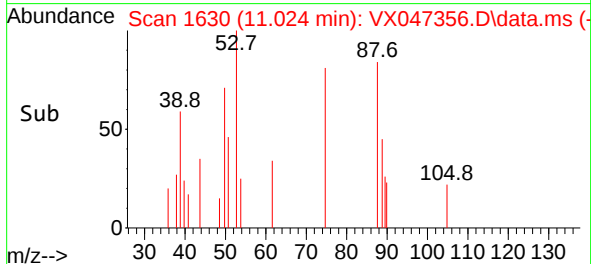
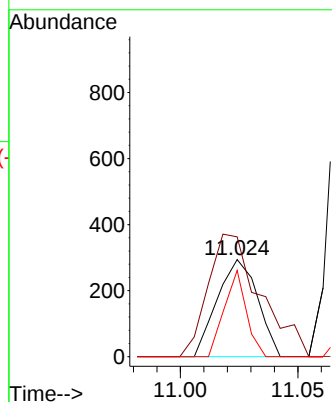
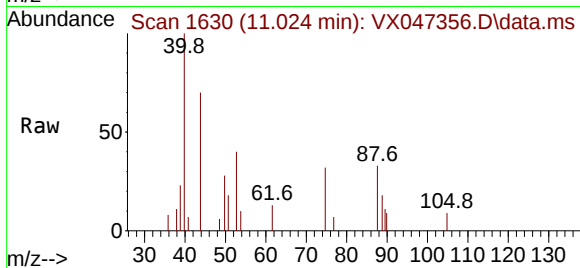




#81
trans-1,4-Dichloro-2-butene
Concen: 8.171 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

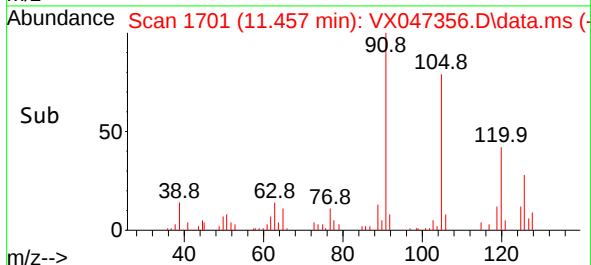
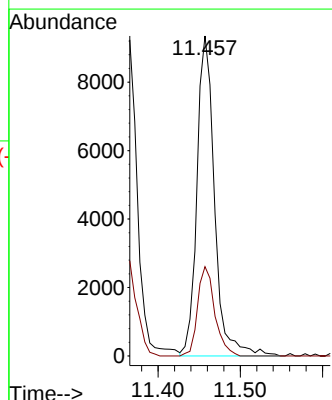
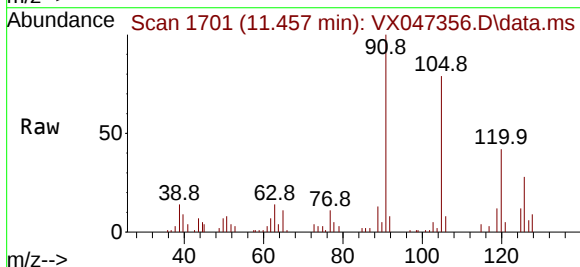
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

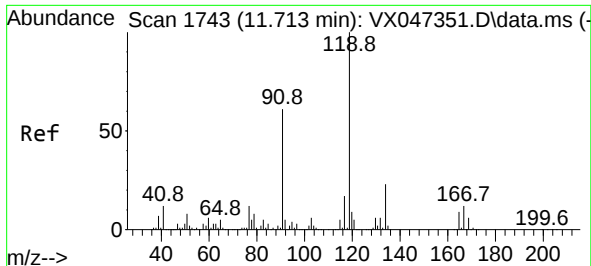
Tgt Ion: 75 Resp: 351
Ion Ratio Lower Upper
75 100
53 164.4 85.2 127.8#
89 48.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 0.914 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion: 91 Resp: 13922
Ion Ratio Lower Upper
91 100
126 27.2 14.4 43.0

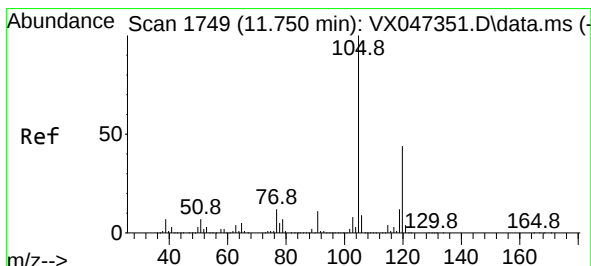
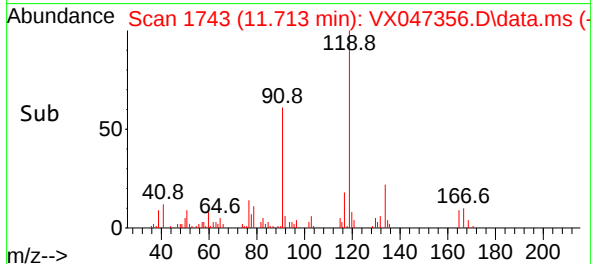
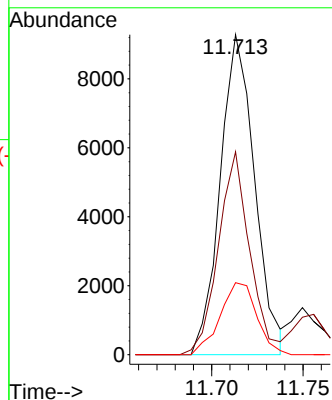
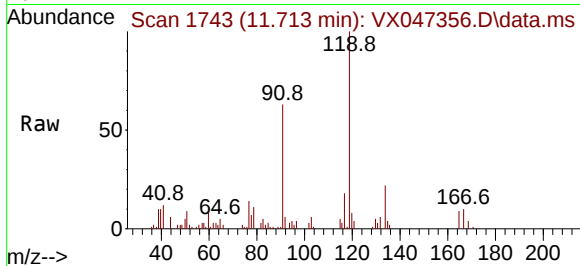




#83
tert-Butylbenzene
Concen: 0.828 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

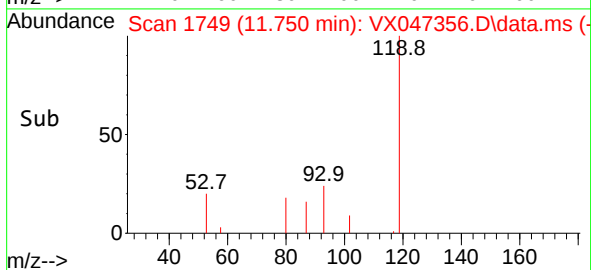
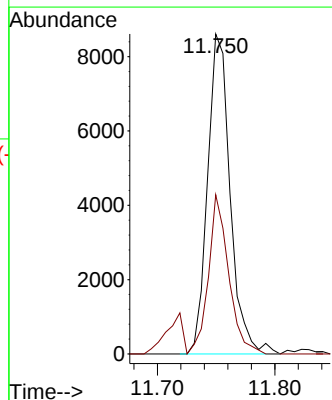
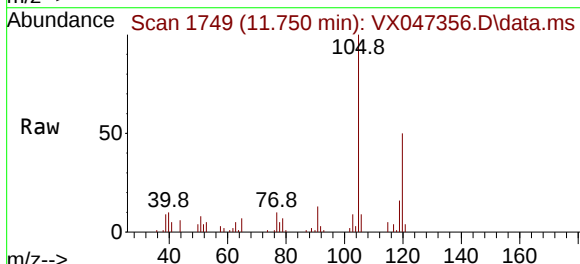
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

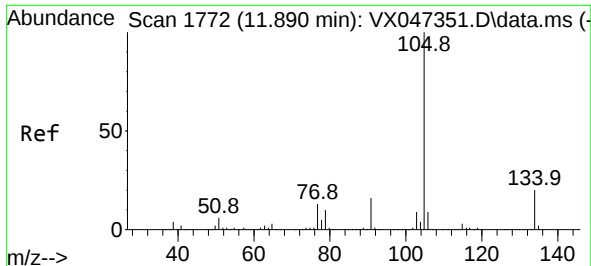
Tgt Ion:119 Resp: 12162
Ion Ratio Lower Upper
119 100
91 58.0 29.1 87.4
134 24.0 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.781 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047356.D
Acq: 15 Aug 2025 12:30

Tgt Ion:105 Resp: 11509
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.7

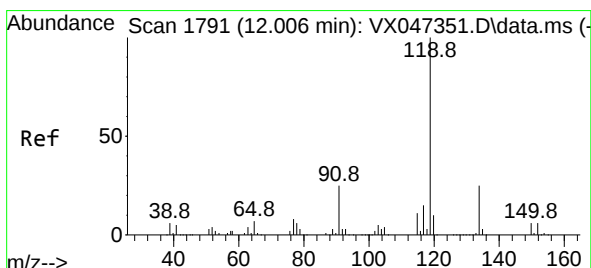
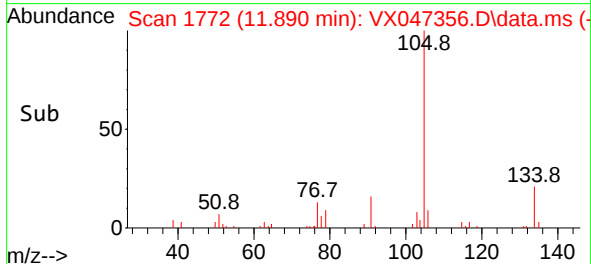
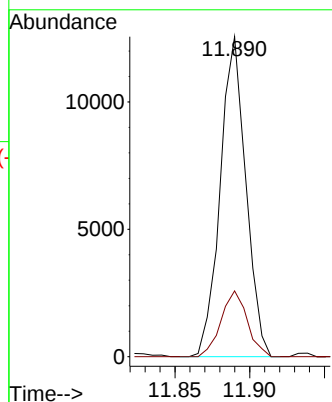
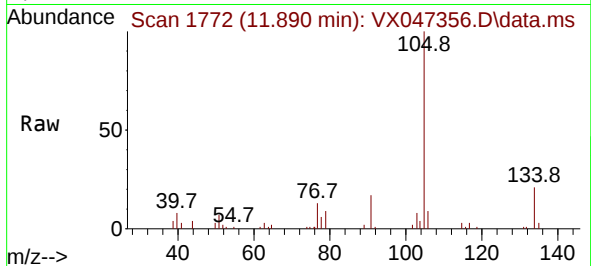




#85
 sec-Butylbenzene
 Concen: 0.822 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

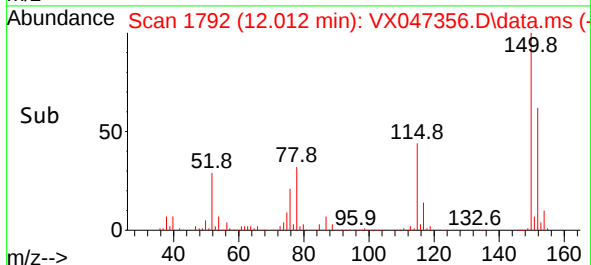
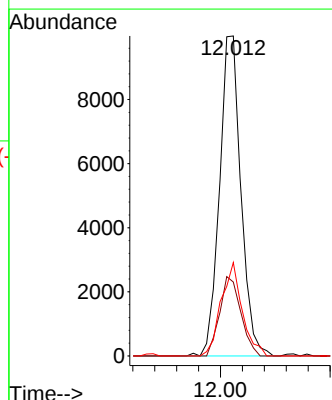
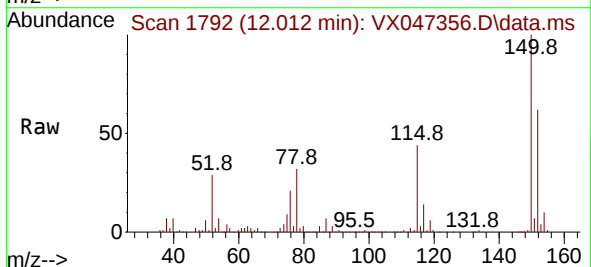
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 14973
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 0.879 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion:119 Resp: 13546
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.4
 91 28.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 0.937 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

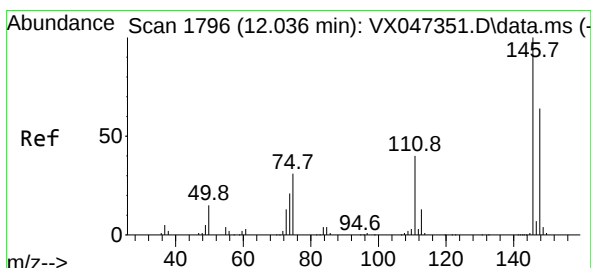
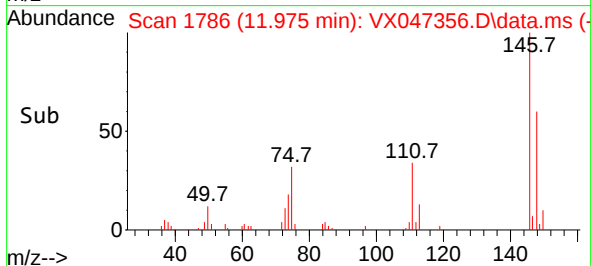
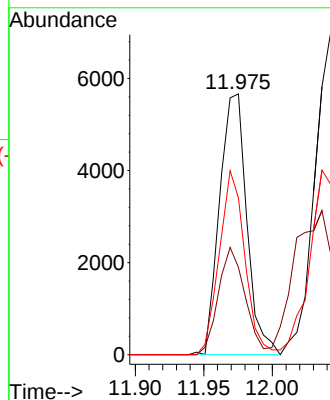
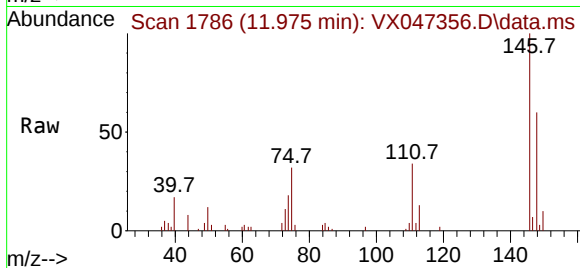
Tgt Ion:146 Resp: 7821

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

148 66.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.911 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

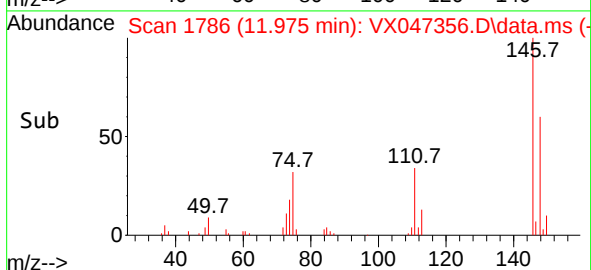
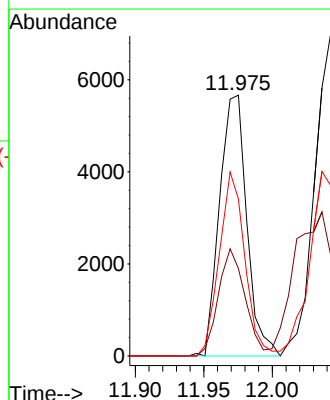
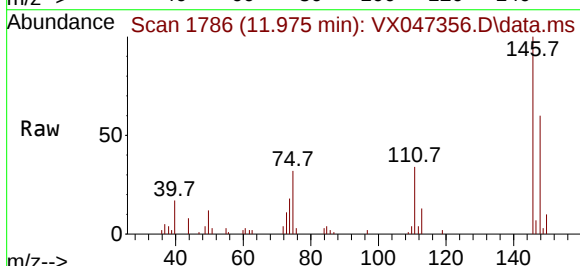
Tgt Ion:146 Resp: 7821

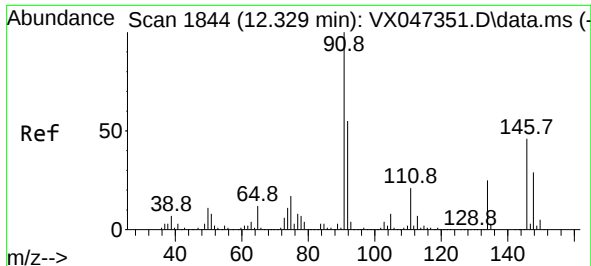
Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.2

148 66.5 31.7 95.1





#89

n-Butylbenzene

Concen: 0.899 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

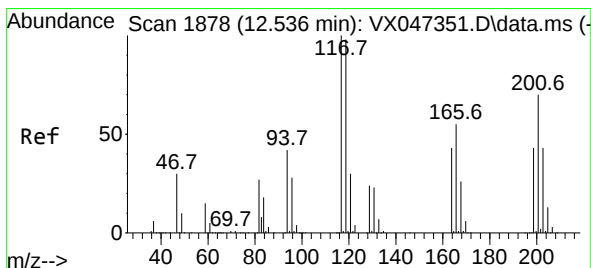
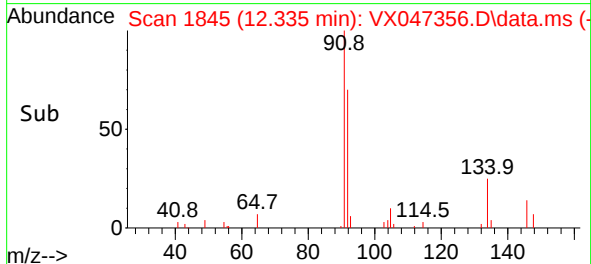
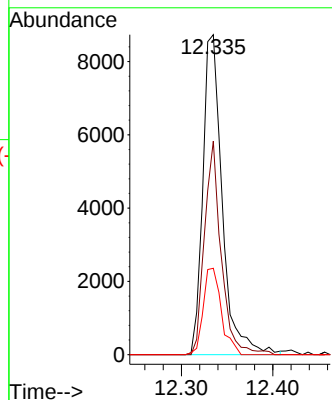
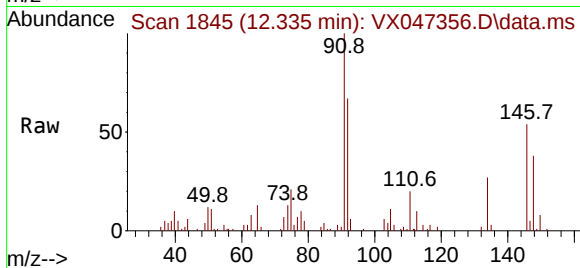
Tgt Ion: 91 Resp: 12883

Ion Ratio Lower Upper

91 100

92 57.4 27.2 81.5

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 0.895 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX047356.D

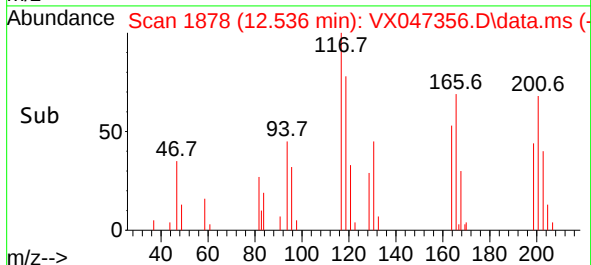
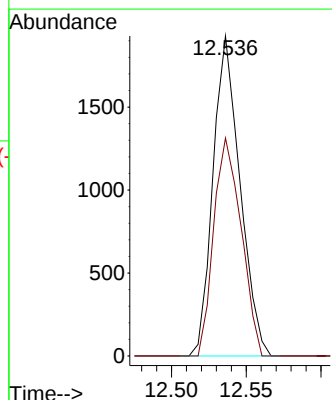
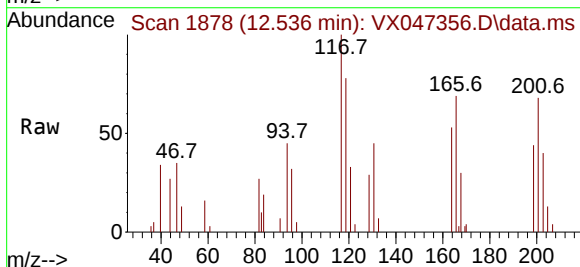
Acq: 15 Aug 2025 12:30

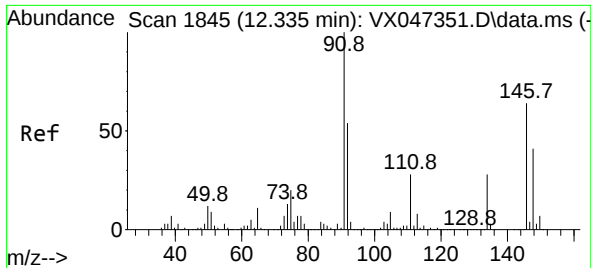
Tgt Ion: 117 Resp: 2421

Ion Ratio Lower Upper

117 100

201 68.9 35.1 105.3

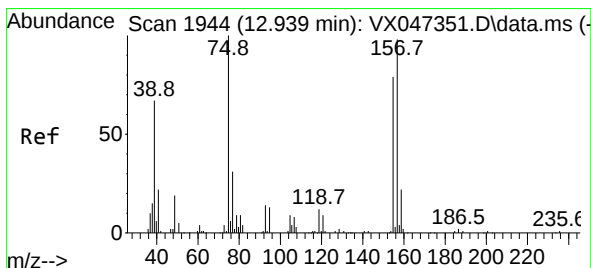
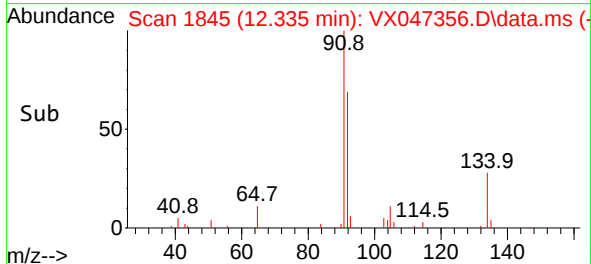
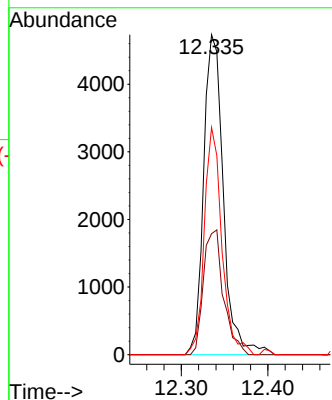
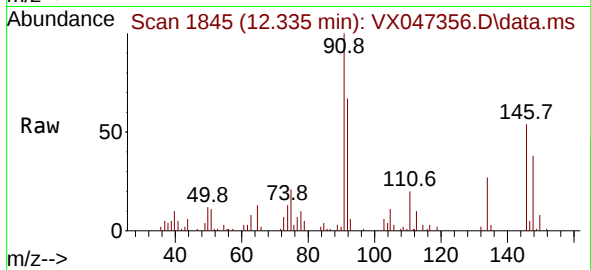




#91
 1,2-Dichlorobenzene
 Concen: 0.941 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

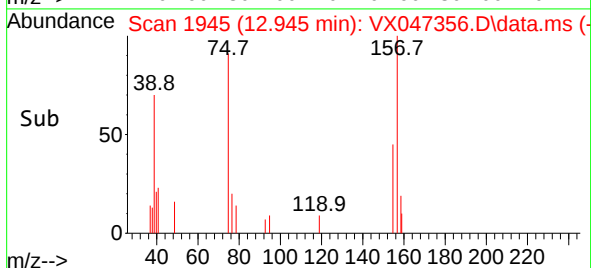
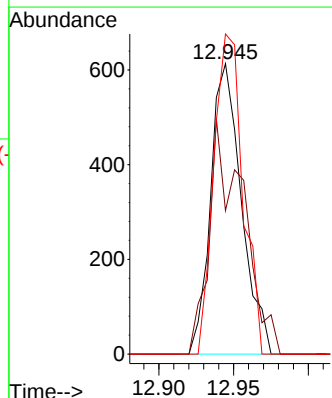
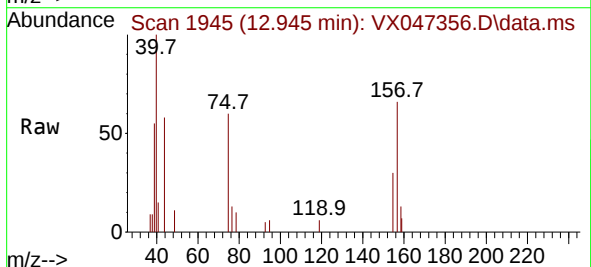
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

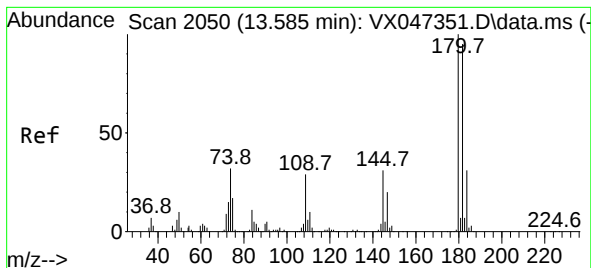
Tgt Ion:	146	Resp:	7461
Ion	Ratio	Lower	Upper
146	100		
111	39.8	22.1	66.1
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.862 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX047356.D
 Acq: 15 Aug 2025 12:30

Tgt Ion:	75	Resp:	876
Ion	Ratio	Lower	Upper
75	100		
155	89.8	41.3	123.7
157	104.6	51.5	154.5





#93

1,2,4-Trichlorobenzene

Concen: 0.985 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

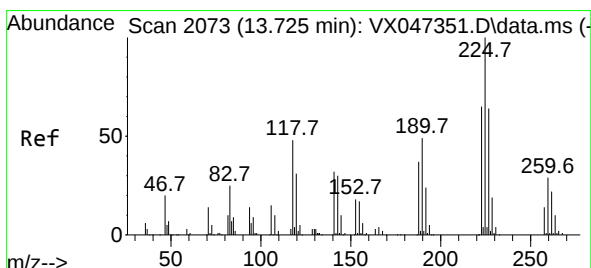
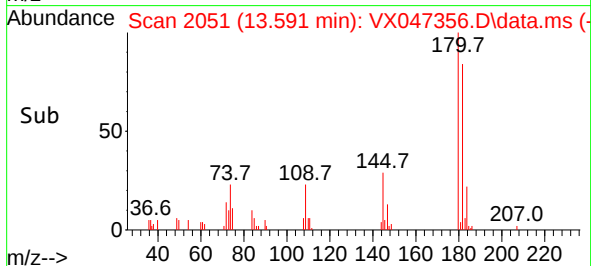
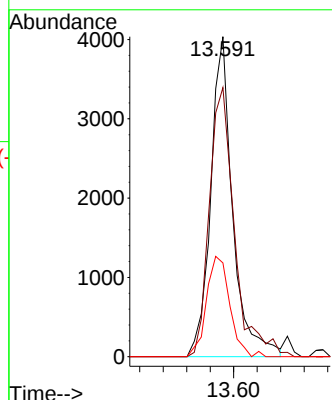
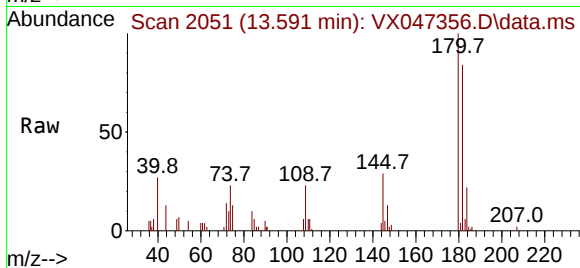
Tgt Ion:180 Resp: 5232

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.4

145 33.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 1.360 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

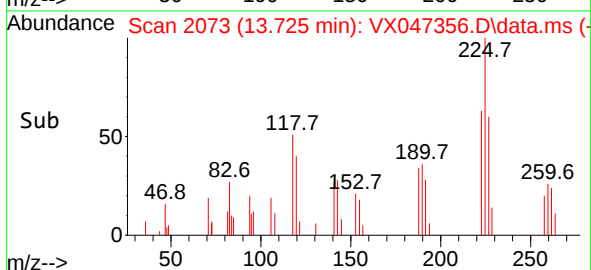
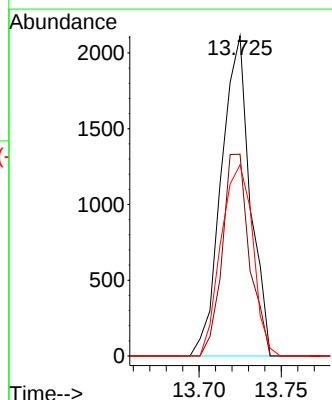
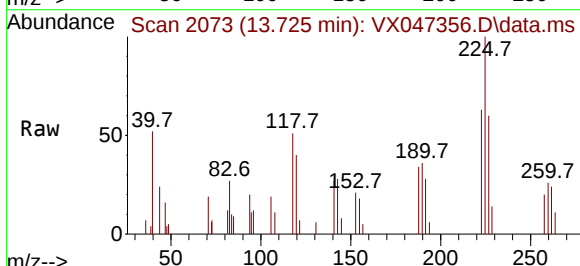
Tgt Ion:225 Resp: 2573

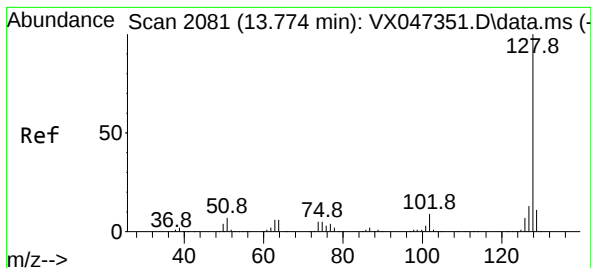
Ion Ratio Lower Upper

225 100

223 59.5 32.2 96.6

227 65.8 31.6 95.0





#95

Naphthalene

Concen: 0.805 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

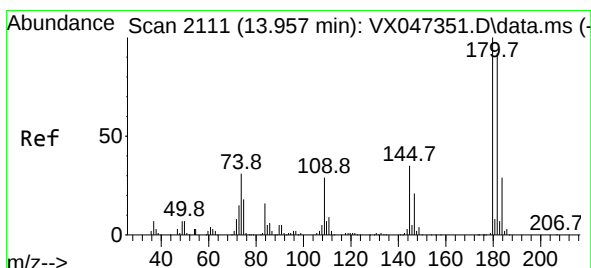
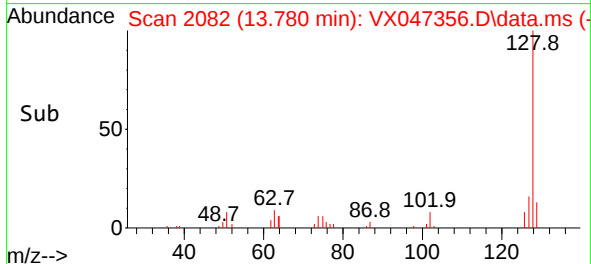
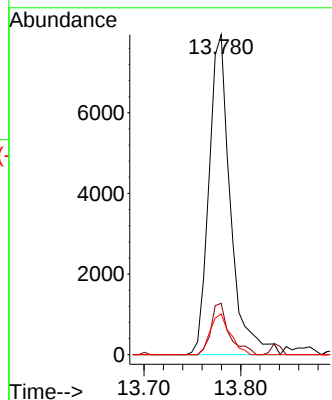
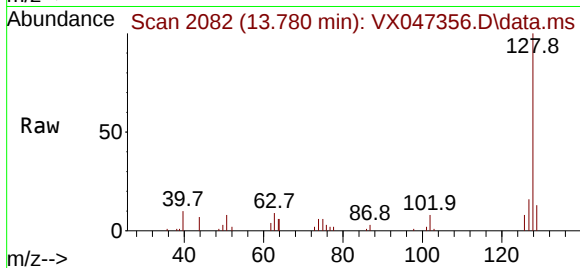
Tgt Ion:128 Resp: 12231

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.982 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047356.D

Acq: 15 Aug 2025 12:30

Tgt Ion:180 Resp: 4918

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.2

145 34.9 17.4 52.2

