

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047156.D
 Acq On : 28 Jul 2025 11:11
 Operator : JC/MD
 Sample : VX0728WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

Quant Time: Jul 29 02:13:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	296687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	500012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	223131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175682	47.536	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.080%
35) Dibromofluoromethane	5.391	113	148339	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	8.647	98	452427	45.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.500%#
62) 4-Bromofluorobenzene	11.079	95	209410	48.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	72888	18.496	ug/l	99
3) Chloromethane	1.313	50	61940	15.890	ug/l	95
4) Vinyl Chloride	1.392	62	76806	18.329	ug/l	100
5) Bromomethane	1.630	94	41717	18.327	ug/l	94
6) Chloroethane	1.709	64	46488	16.892	ug/l	100
7) Trichlorofluoromethane	1.910	101	112295	17.972	ug/l	99
8) Diethyl Ether	2.148	74	41227	18.713	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	68537	18.206	ug/l	99
10) Methyl Iodide	2.471	142	98801	25.752	ug/l	99
11) Tert butyl alcohol	2.953	59	39096	83.648	ug/l	99
12) 1,1-Dichloroethene	2.337	96	66587	17.859	ug/l	97
13) Acrolein	2.245	56	68772	86.422	ug/l	98
14) Allyl chloride	2.678	41	114703	17.019	ug/l	93
15) Acrylonitrile	3.081	53	166953	94.719	ug/l	100
16) Acetone	2.386	43	137916	93.153	ug/l	95
17) Carbon Disulfide	2.526	76	186148	17.258	ug/l	99
18) Methyl Acetate	2.709	43	81309	20.666	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	222220	19.583	ug/l	99
20) Methylene Chloride	2.800	84	74799	18.364	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	69035	18.094	ug/l	97
22) Diisopropyl ether	3.770	45	254694	19.655	ug/l	93
23) Vinyl Acetate	3.733	43	1015540	97.713	ug/l	99
24) 1,1-Dichloroethane	3.623	63	133966	18.592	ug/l	99
25) 2-Butanone	4.562	43	198284	91.977	ug/l	95
26) 2,2-Dichloropropane	4.489	77	104393	18.716	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	83823	18.553	ug/l	99
28) Bromochloromethane	4.904	49	75119	22.660	ug/l	99
29) Tetrahydrofuran	5.019	42	128344	92.271	ug/l	99
30) Chloroform	5.105	83	134714	18.366	ug/l	99
31) Cyclohexane	5.477	56	128106	18.542	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	118551	18.608	ug/l	99
36) 1,1-Dichloropropene	5.702	75	92937	17.660	ug/l	100
37) Ethyl Acetate	4.721	43	96160	19.830	ug/l	97
38) Carbon Tetrachloride	5.684	117	104598	18.623	ug/l	99
39) Methylcyclohexane	7.385	83	120883	18.398	ug/l	97
40) Benzene	6.044	78	283209	18.596	ug/l	100

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 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46407	18.303	ug/l #	91
42) 1,2-Dichloroethane	6.092	62	103378	19.270	ug/l	99
43) Isopropyl Acetate	6.342	43	149936	19.834	ug/l	100
44) Trichloroethene	7.129	130	71346	18.269	ug/l	99
45) 1,2-Dichloropropane	7.434	63	72137	18.912	ug/l	92
46) Dibromomethane	7.586	93	51814	19.371	ug/l	99
47) Bromodichloromethane	7.824	83	110712	19.446	ug/l	99
48) Methyl methacrylate	7.696	41	77478	18.813	ug/l	100
49) 1,4-Dioxane	7.720	88	18872	402.907	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	438417	97.570	ug/l	98
52) Toluene	8.720	92	179571	19.176	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104193	19.380	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	113664	19.316	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	69343	19.745	ug/l	97
56) Ethyl methacrylate	9.116	69	104067	20.017	ug/l	100
57) 1,3-Dichloropropane	9.311	76	117508	19.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	249437	86.218	ug/l	99
59) 2-Hexanone	9.427	43	300229	101.132	ug/l	100
60) Dibromochloromethane	9.519	129	83108	20.178	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70359	19.160	ug/l	99
64) Tetrachloroethene	9.275	164	57377	17.574	ug/l	94
65) Chlorobenzene	10.079	112	197257	18.592	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	68140	19.076	ug/l	98
67) Ethyl Benzene	10.189	91	345780	18.640	ug/l	98
68) m/p-Xylenes	10.299	106	260560	37.534	ug/l	99
69) o-Xylene	10.640	106	126089	19.093	ug/l	100
70) Styrene	10.652	104	214649	18.955	ug/l	99
71) Bromoform	10.799	173	53971	19.891	ug/l #	100
73) Isopropylbenzene	10.957	105	333037	18.919	ug/l	100
74) N-amyl acetate	10.841	43	131941	18.576	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	97190	19.328	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98394	23.824	ug/l	85
77) Bromobenzene	11.195	156	79168	18.750	ug/l	99
78) n-propylbenzene	11.299	91	396034	18.826	ug/l	99
79) 2-Chlorotoluene	11.360	91	231316	18.395	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	276459	19.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21183	13.214	ug/l	95
82) 4-Chlorotoluene	11.451	91	278273	18.959	ug/l	100
83) tert-Butylbenzene	11.713	119	280382	19.208	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	278783	19.219	ug/l	99
85) sec-Butylbenzene	11.890	105	349178	19.145	ug/l	99
86) p-Isopropyltoluene	12.006	119	290764	19.225	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	151487	18.882	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	151486	18.637	ug/l	98
89) n-Butylbenzene	12.329	91	274703	19.367	ug/l	99
90) Hexachloroethane	12.536	117	52669	19.466	ug/l	97
91) 1,2-Dichlorobenzene	12.329	146	142943	18.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19656	20.364	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	97227	19.192	ug/l	100
94) Hexachlorobutadiene	13.719	225	36745	21.327	ug/l	98
95) Naphthalene	13.774	128	293199	19.742	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	92962	19.047	ug/l	100

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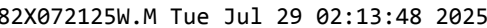
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

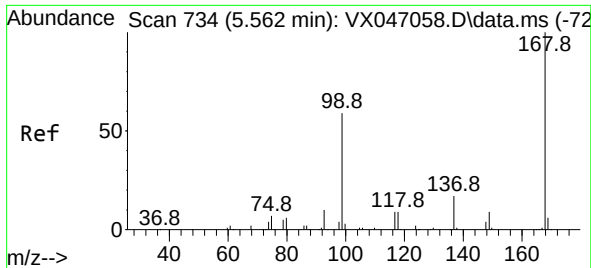
Quant Time: Jul 29 02:13:37 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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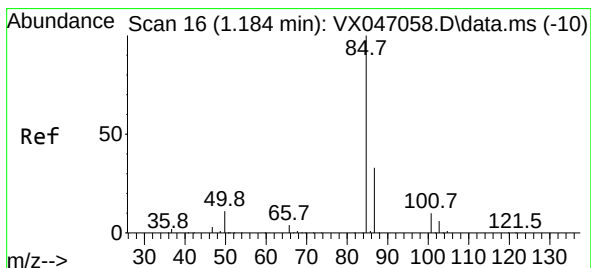
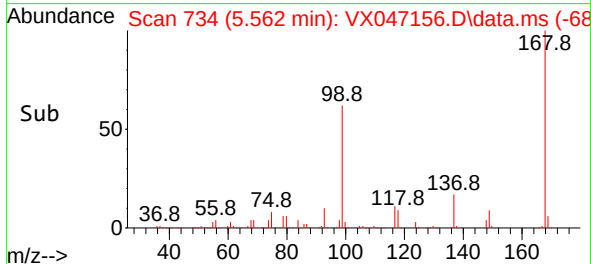
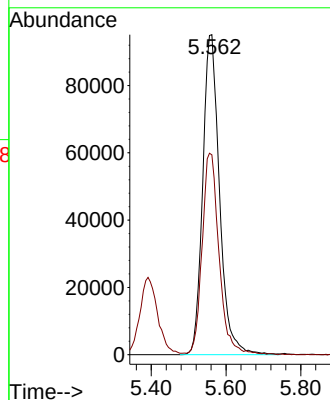
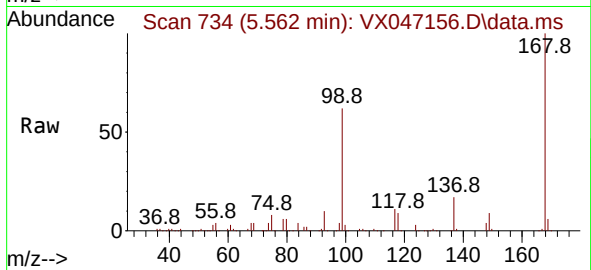




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

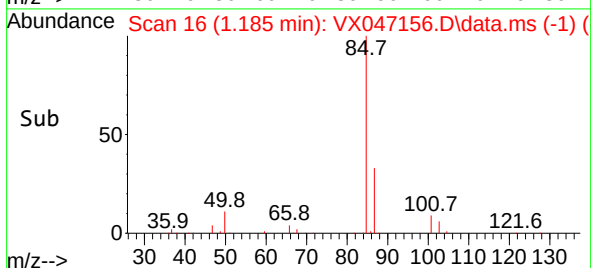
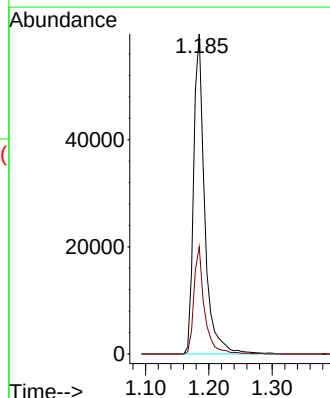
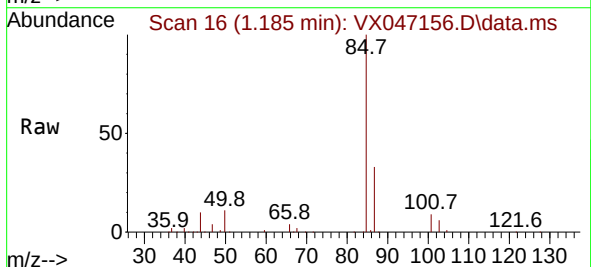
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

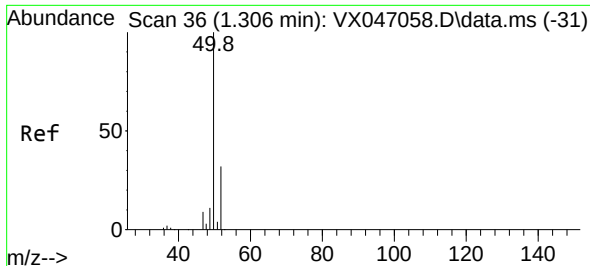
Tgt Ion:168 Resp: 296687
Ion Ratio Lower Upper
168 100
99 62.3 48.0 72.0



#2
Dichlorodifluoromethane
Concen: 18.496 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 85 Resp: 72888
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.8

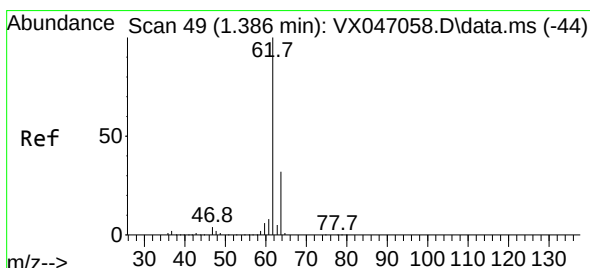
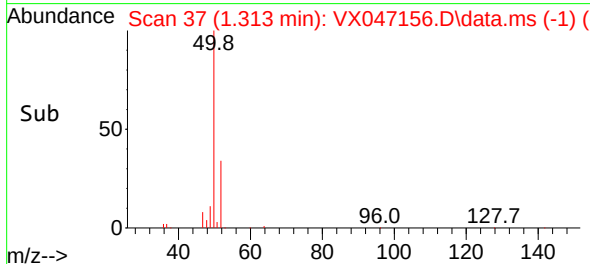
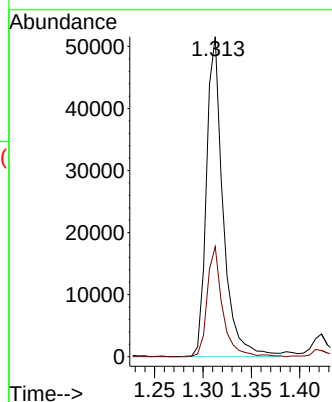
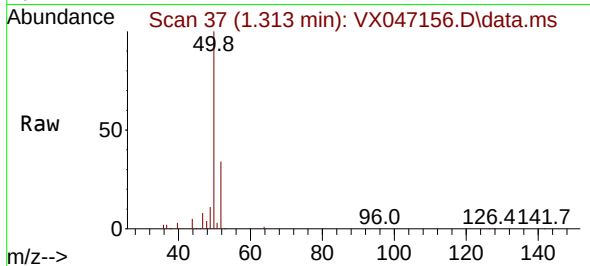




#3
Chloromethane
Concen: 15.890 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

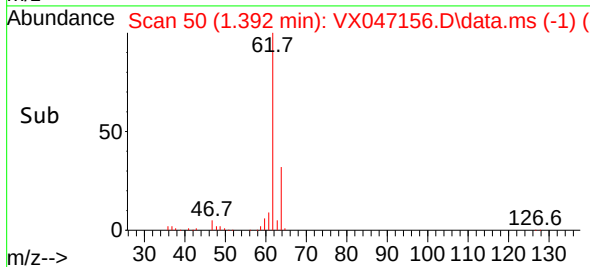
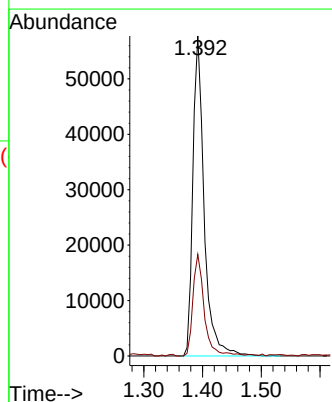
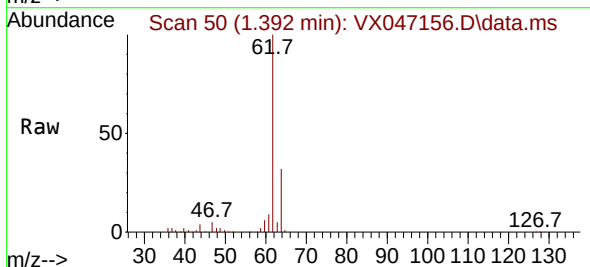
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

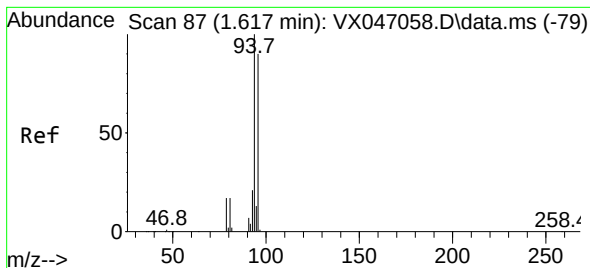
Tgt Ion: 50 Resp: 61940
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2



#4
Vinyl Chloride
Concen: 18.329 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 62 Resp: 76806
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5

Bromomethane

Concen: 18.327 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.013 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

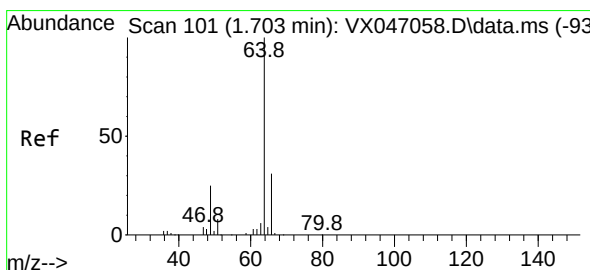
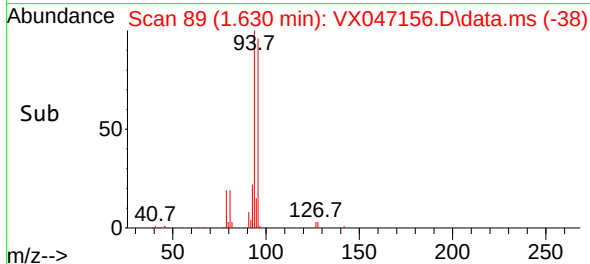
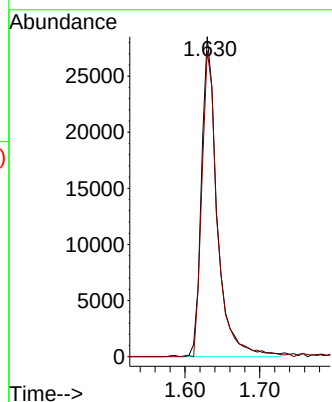
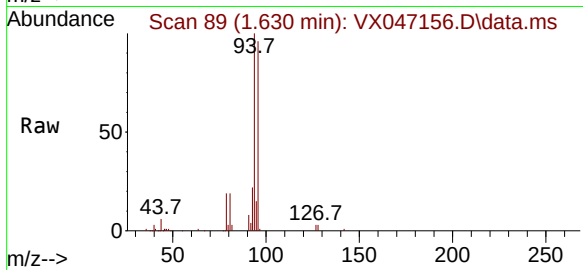
VX0728WBSD01

Tgt Ion: 94 Resp: 41717

Ion Ratio Lower Upper

94 100

96 96.5 72.3 108.5



#6

Chloroethane

Concen: 16.892 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.006 min

Lab File: VX047156.D

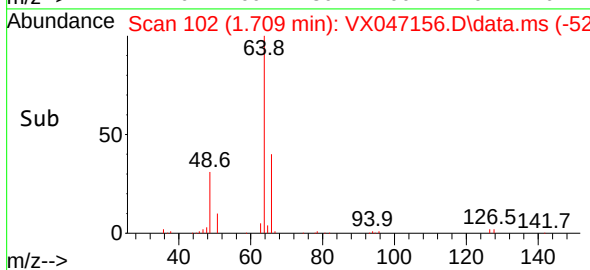
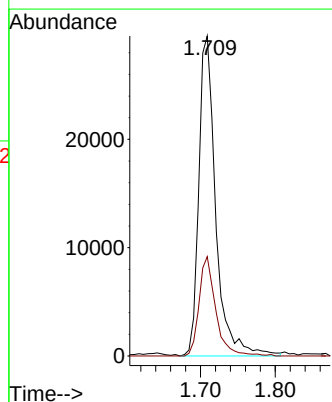
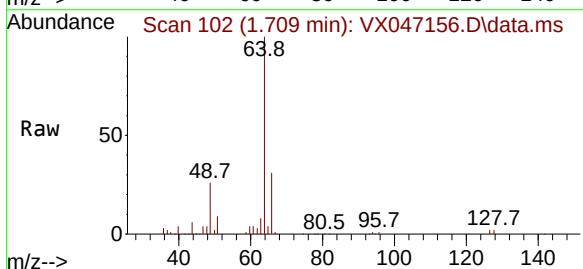
Acq: 28 Jul 2025 11:11

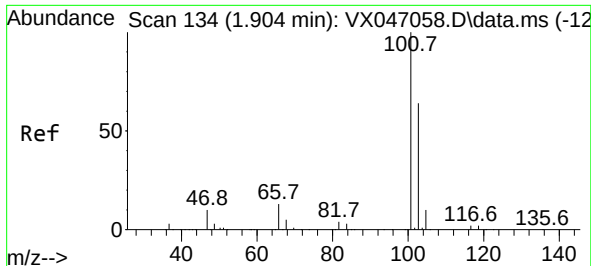
Tgt Ion: 64 Resp: 46488

Ion Ratio Lower Upper

64 100

66 31.1 25.0 37.6

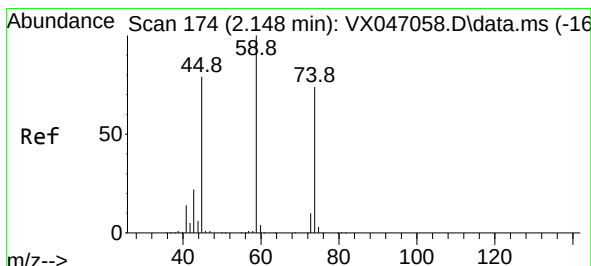
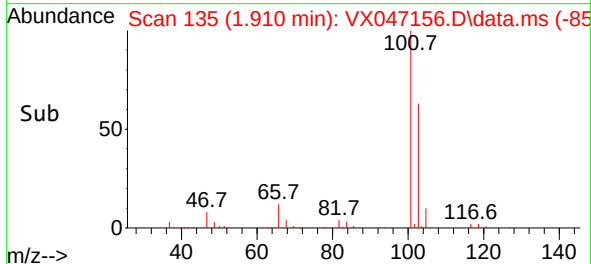
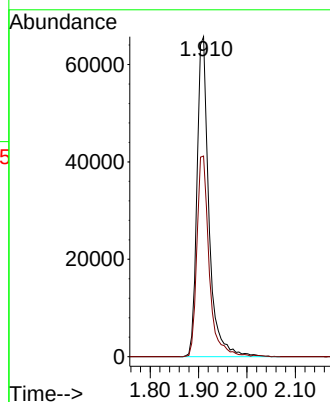
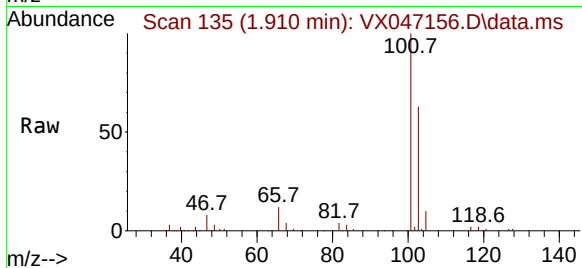




#7
Trichlorofluoromethane
Concen: 17.972 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

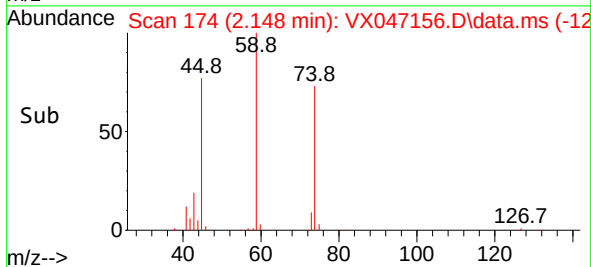
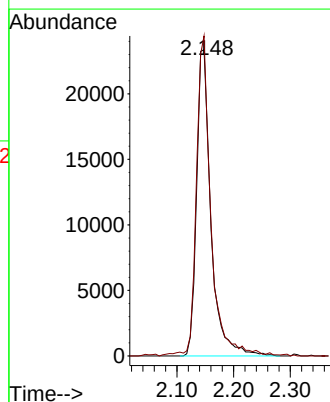
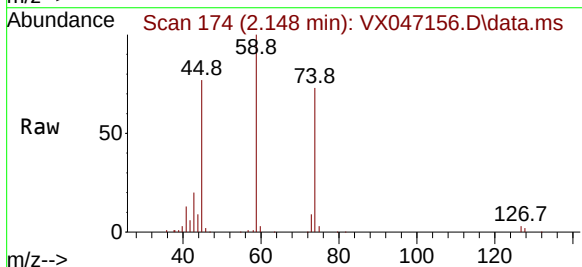
Instrument :
MSVOA_X
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VX0728WBSD01

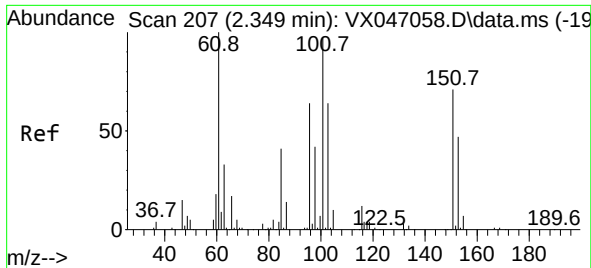
Tgt Ion:101 Resp: 112295
Ion Ratio Lower Upper
101 100
103 62.7 50.9 76.3



#8
Diethyl Ether
Concen: 18.713 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 74 Resp: 41227
Ion Ratio Lower Upper
74 100
45 104.9 53.0 159.0

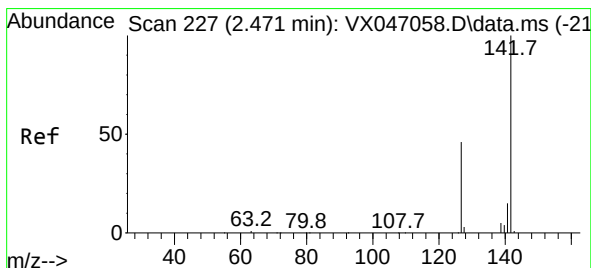
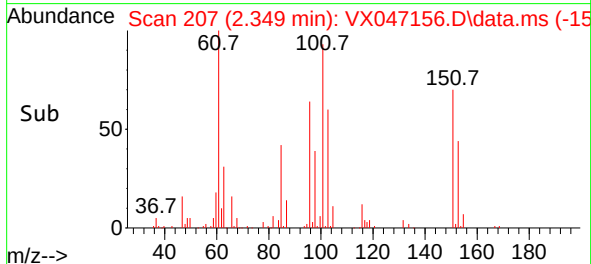
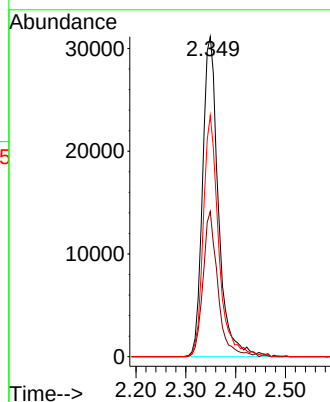
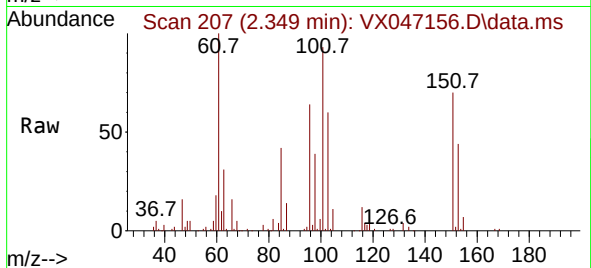




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.206 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

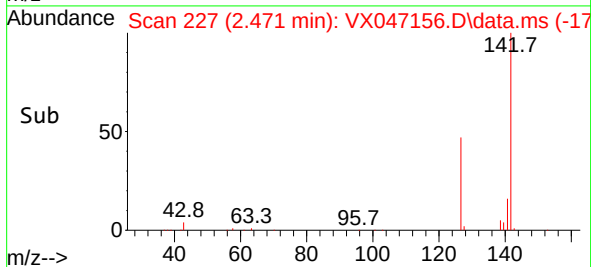
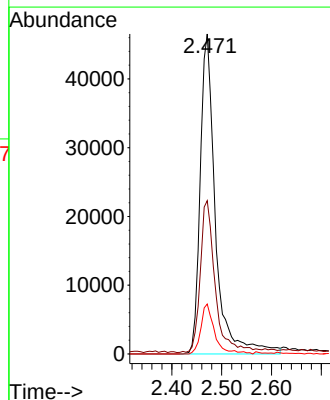
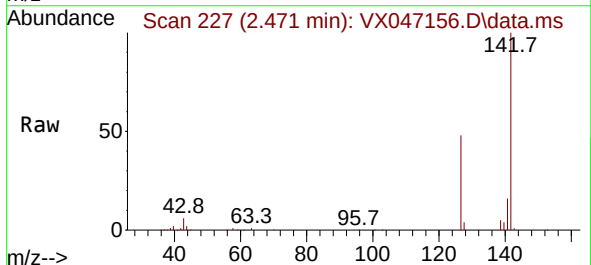
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

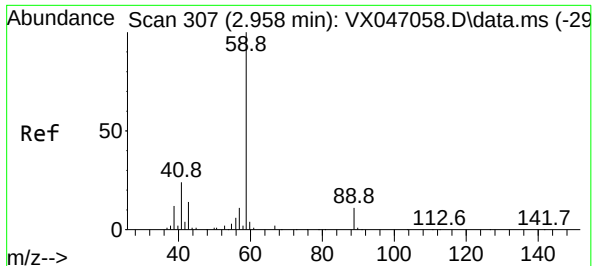
Tgt Ion:101 Resp: 68537
Ion Ratio Lower Upper
101 100
85 42.7 35.4 53.0
151 73.6 59.2 88.8



#10
Methyl Iodide
Concen: 25.752 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:142 Resp: 98801
Ion Ratio Lower Upper
142 100
127 46.5 36.6 54.8
141 14.0 10.9 16.3

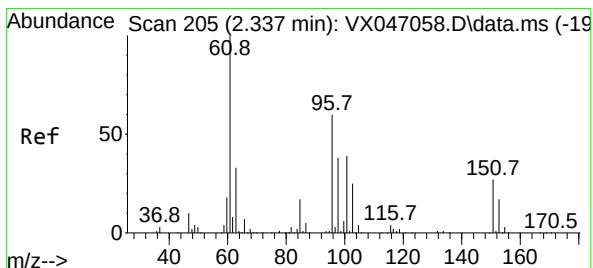
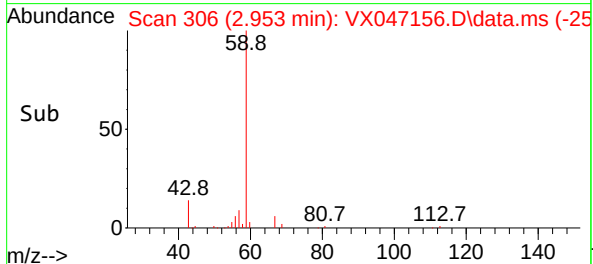
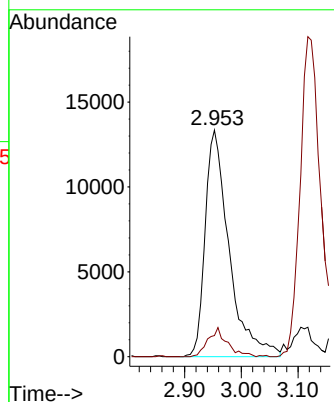
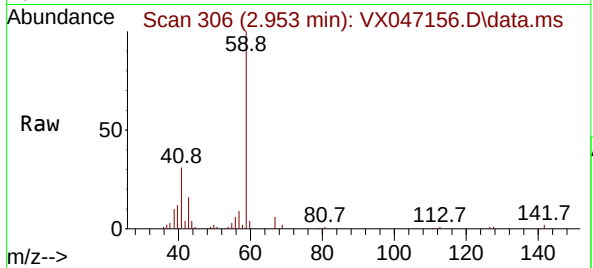




#11
Tert butyl alcohol
Concen: 83.648 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.005 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

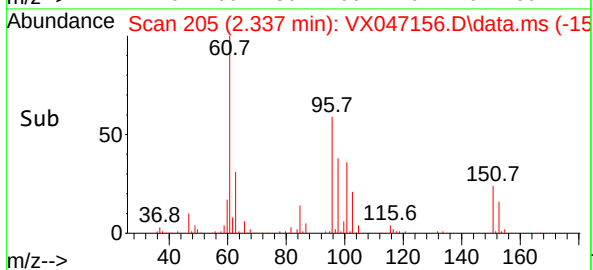
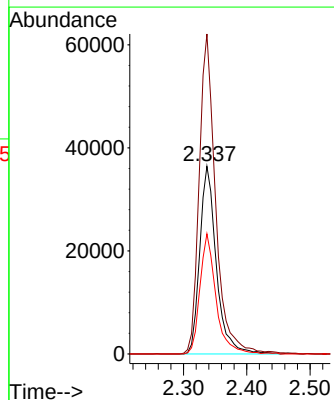
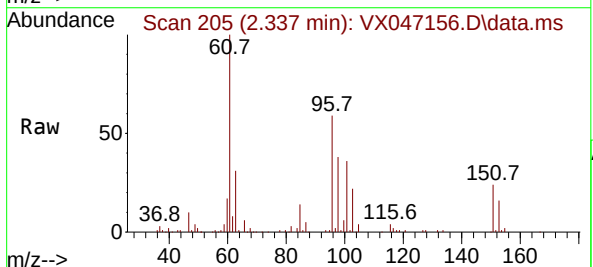
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

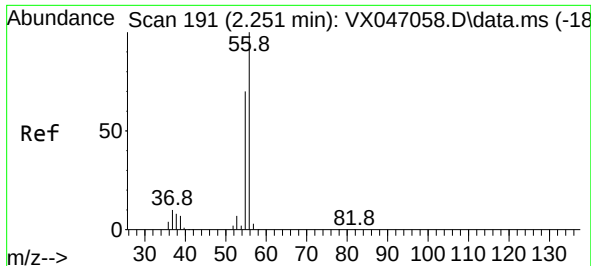
Tgt Ion: 59 Resp: 39096
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.859 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 96 Resp: 66587
Ion Ratio Lower Upper
96 100
61 170.5 132.6 198.8
98 64.1 50.2 75.4

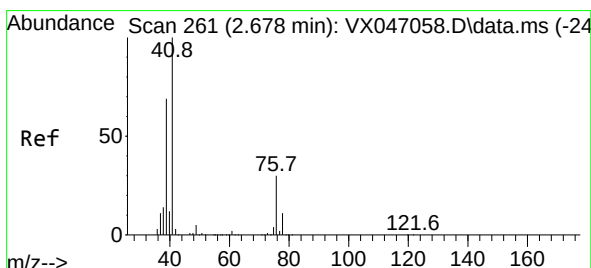
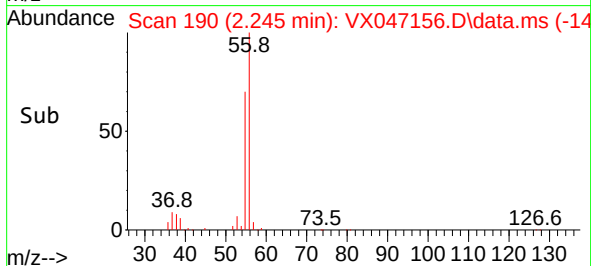
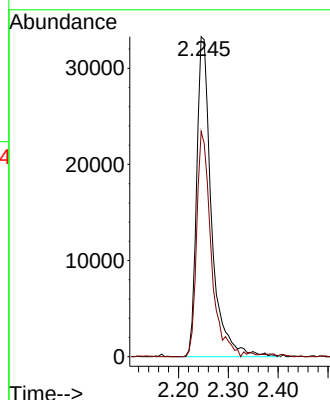
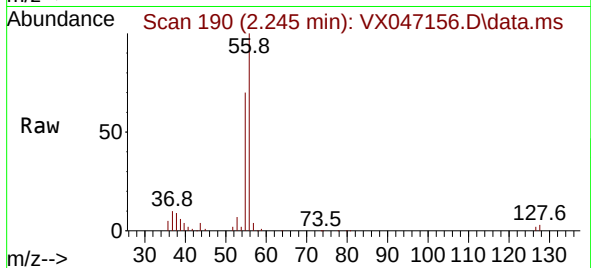




#13
Acrolein
Concen: 86.422 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

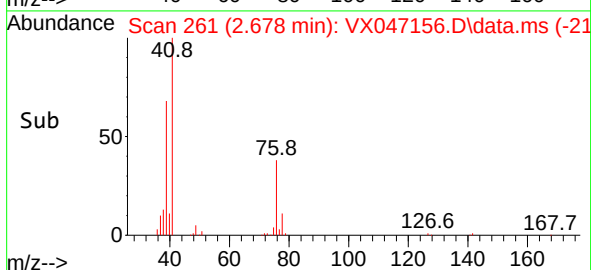
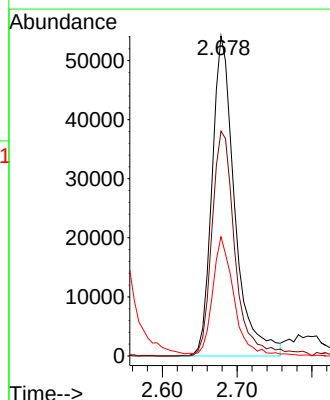
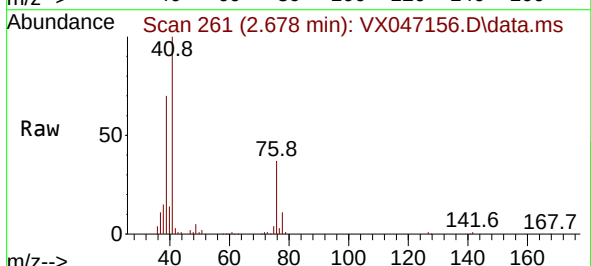
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

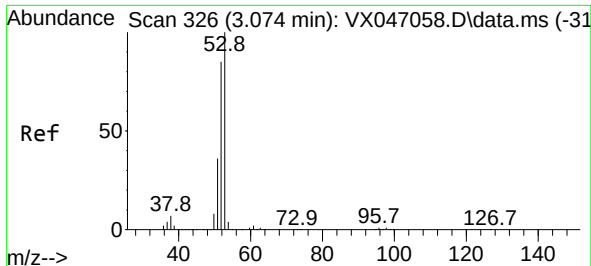
Tgt Ion: 56 Resp: 68772
Ion Ratio Lower Upper
56 100
55 68.3 55.7 83.5



#14
Allyl chloride
Concen: 17.019 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 41 Resp: 114703
Ion Ratio Lower Upper
41 100
39 71.9 52.6 78.8
76 34.3 25.7 38.5

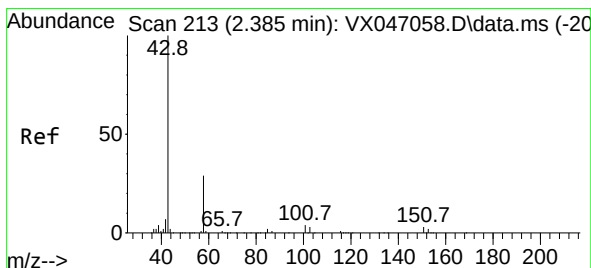
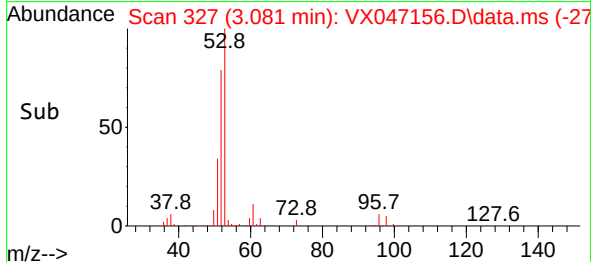
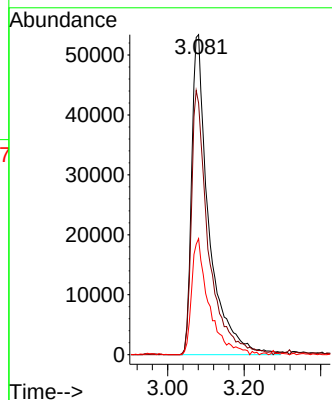
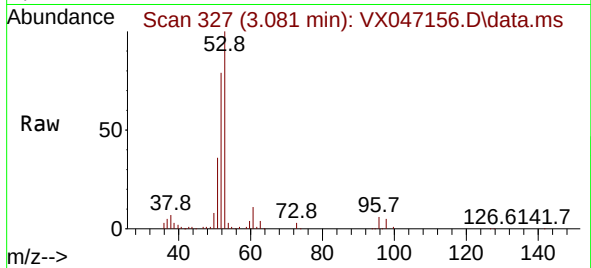




#15
Acrylonitrile
Concen: 94.719 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

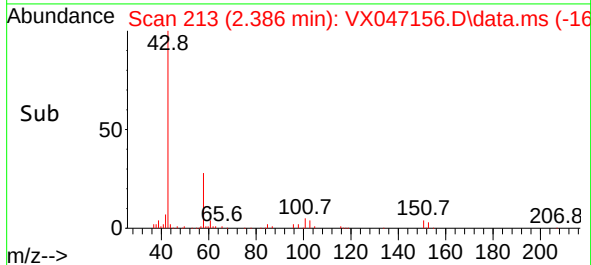
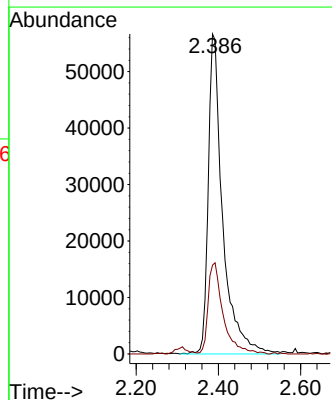
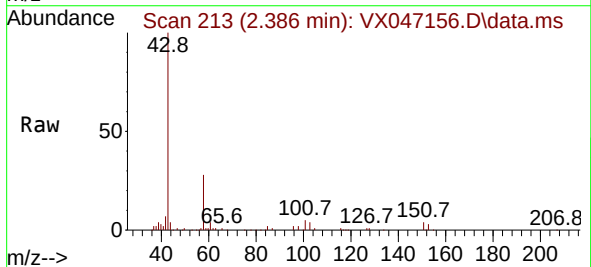
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

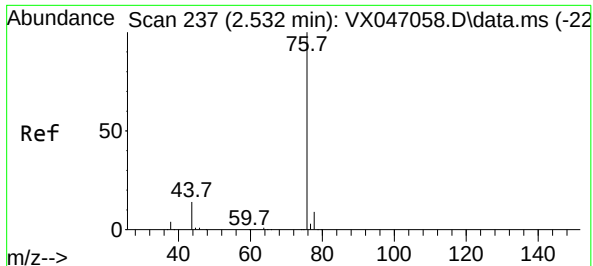
Tgt Ion: 53 Resp: 166953
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 36.2 28.8 43.2



#16
Acetone
Concen: 93.153 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 43 Resp: 137916
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0

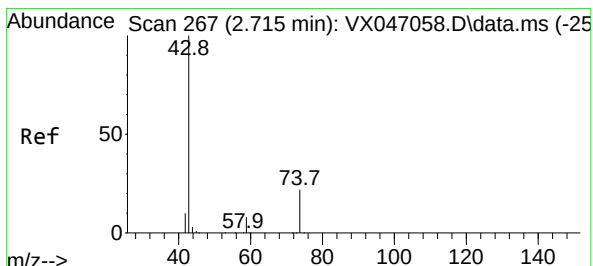
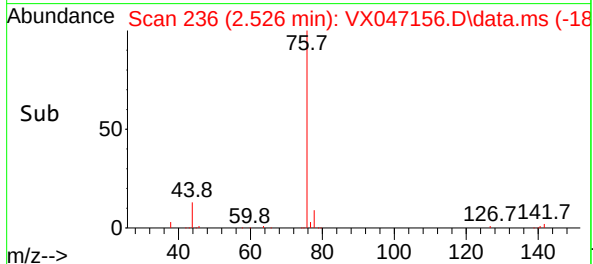
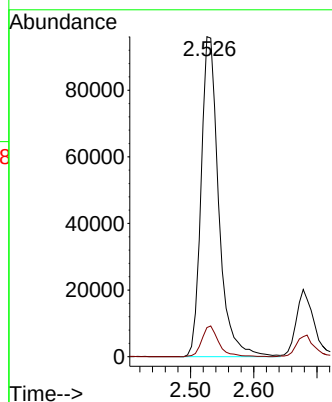
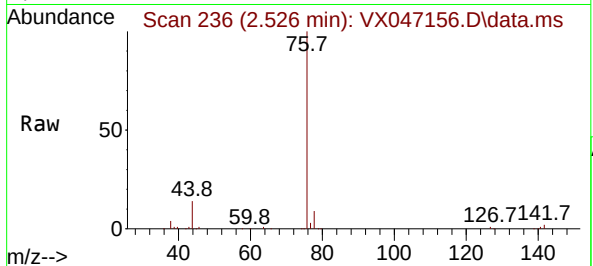




#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

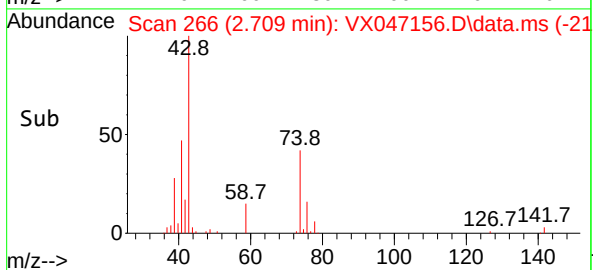
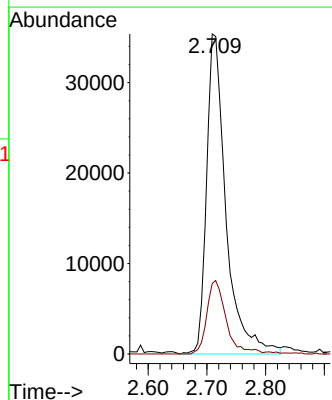
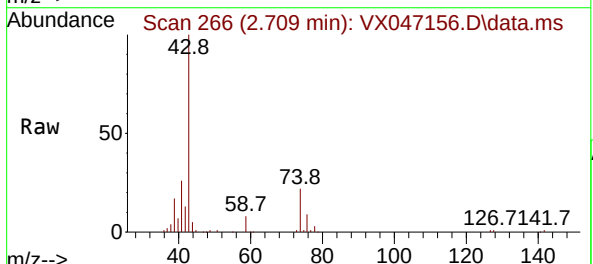
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

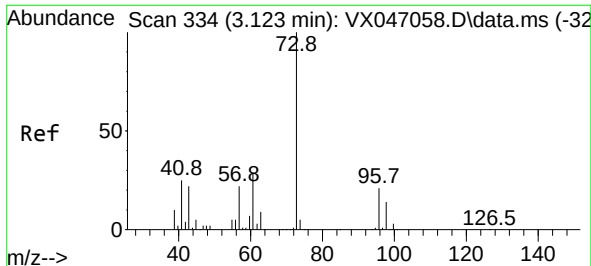
Tgt Ion: 76 Resp: 186148
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 20.666 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 43 Resp: 81309
Ion Ratio Lower Upper
43 100
74 22.8 17.7 26.5

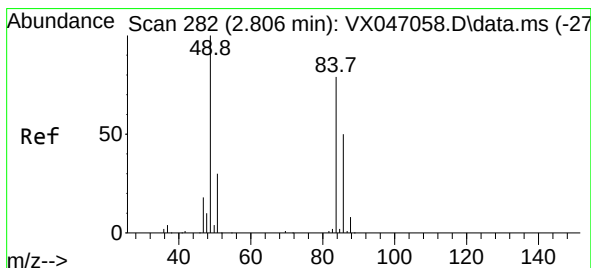
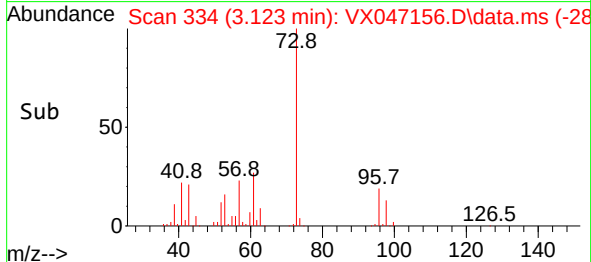
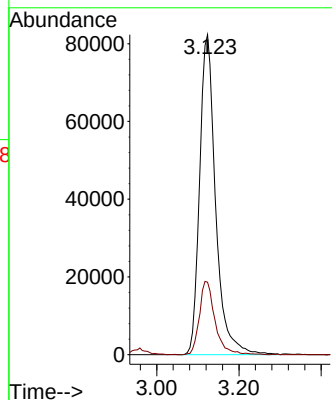
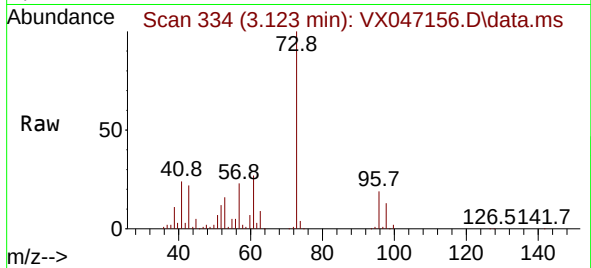




#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

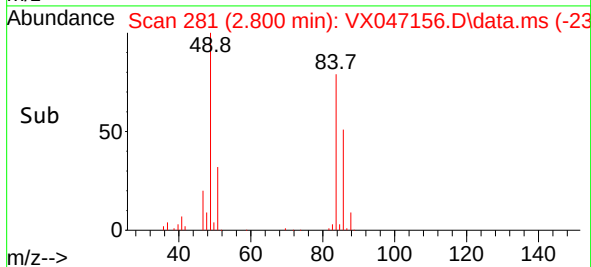
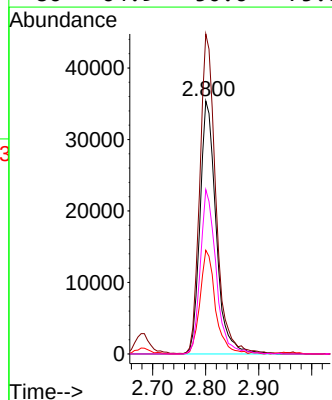
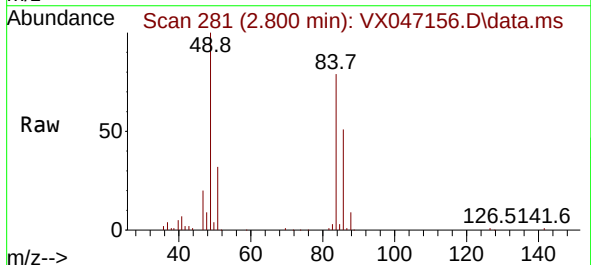
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

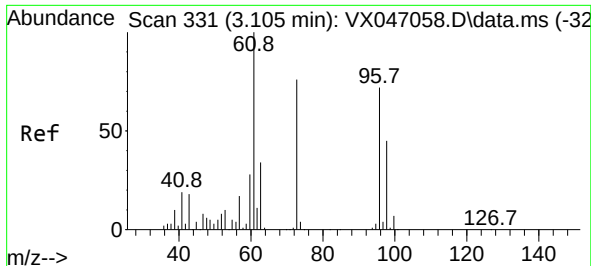
Tgt Ion: 73 Resp: 222220
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 18.364 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 84 Resp: 74799
Ion Ratio Lower Upper
84 100
49 126.2 101.6 152.4
51 41.0 30.3 45.5
86 64.9 50.6 75.8

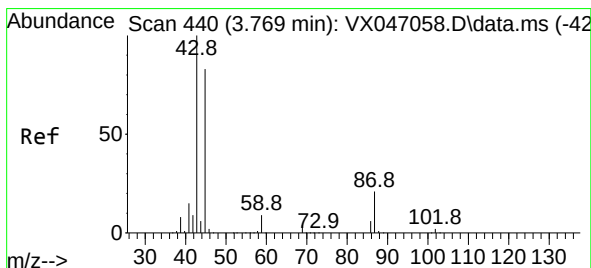
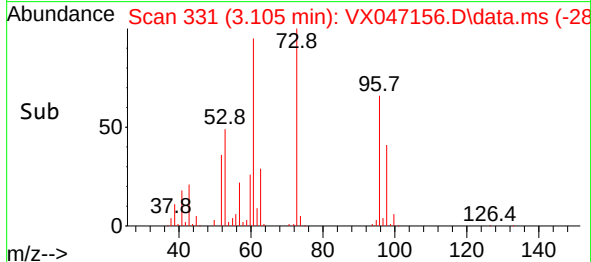
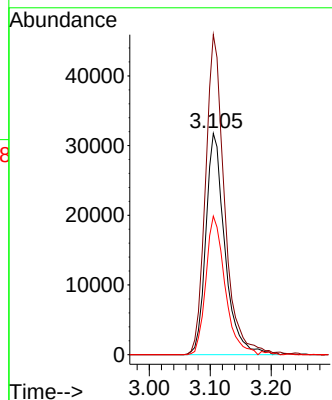
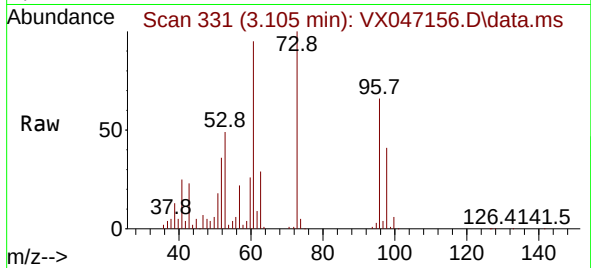




#21
trans-1,2-Dichloroethene
Concen: 18.094 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

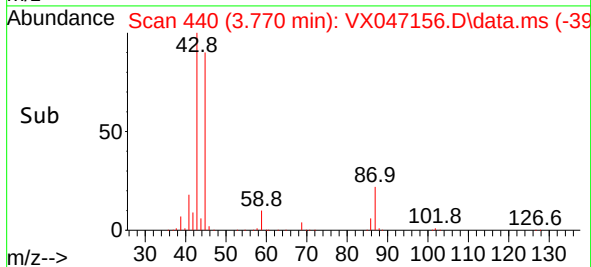
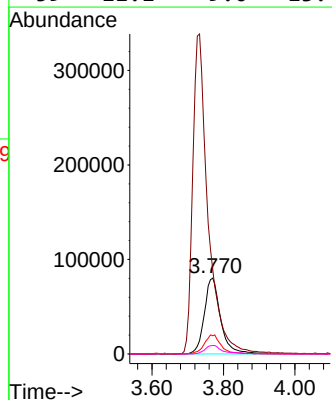
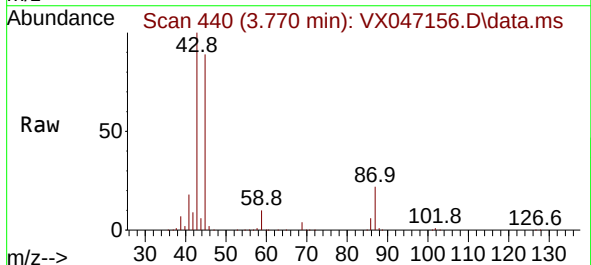
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

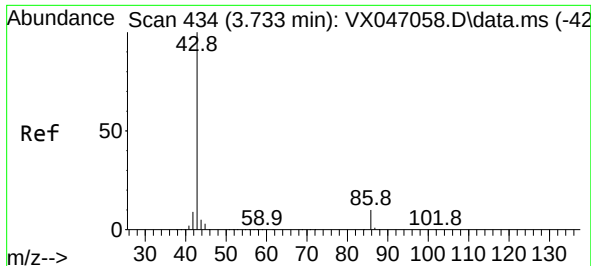
Tgt Ion: 96 Resp: 69035
Ion Ratio Lower Upper
96 100
61 144.6 111.1 166.7
98 62.6 49.6 74.4



#22
Diisopropyl ether
Concen: 19.655 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 45 Resp: 254694
Ion Ratio Lower Upper
45 100
43 111.2 96.8 145.2
87 24.1 20.5 30.7
59 11.1 9.0 13.4

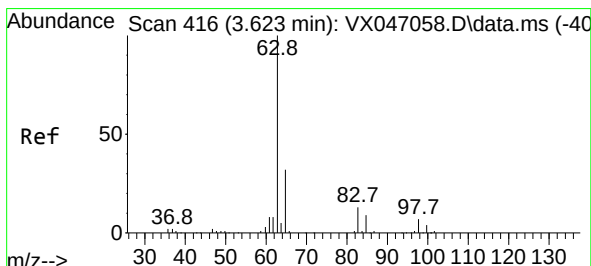
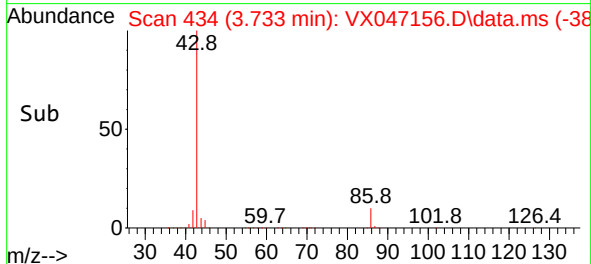
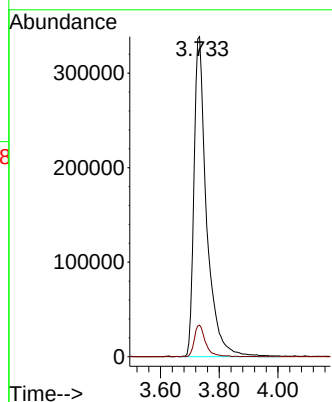
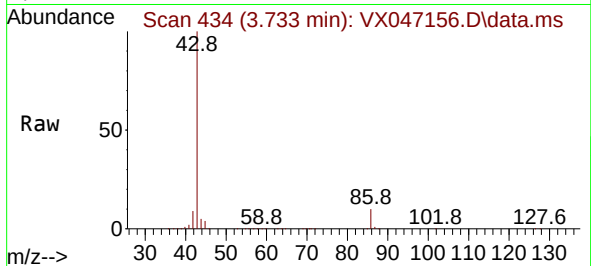




#23
 Vinyl Acetate
 Concen: 97.713 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

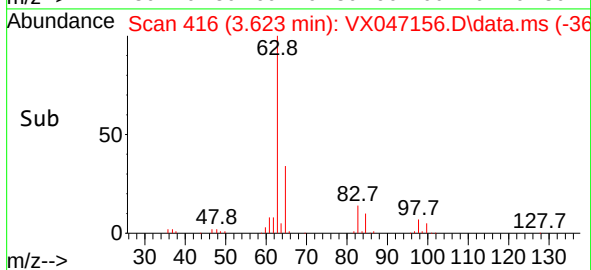
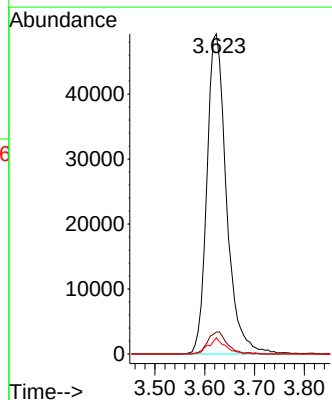
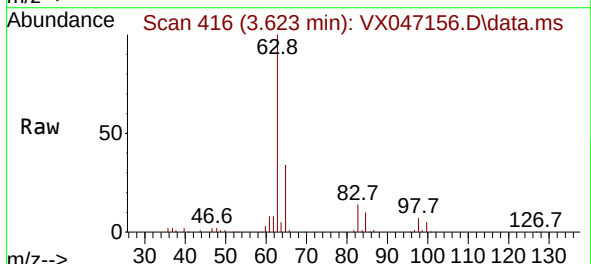
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

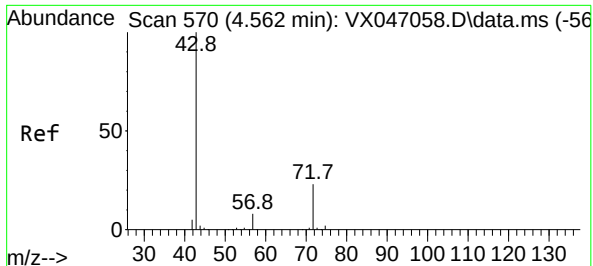
Tgt Ion: 43 Resp: 1015540
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 18.592 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

Tgt Ion: 63 Resp: 133966
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.0 2.3 6.8

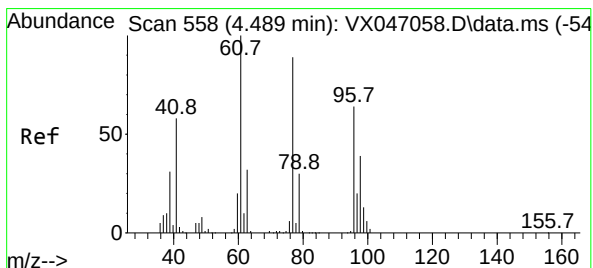
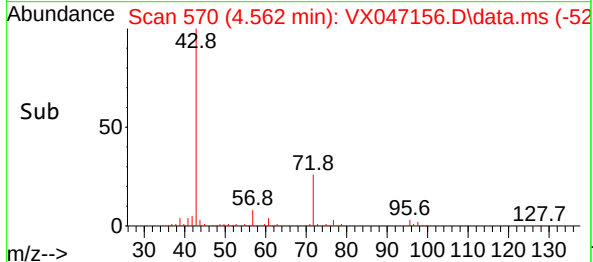
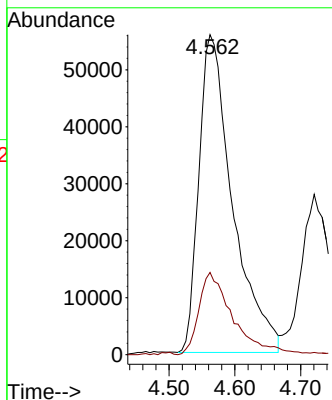
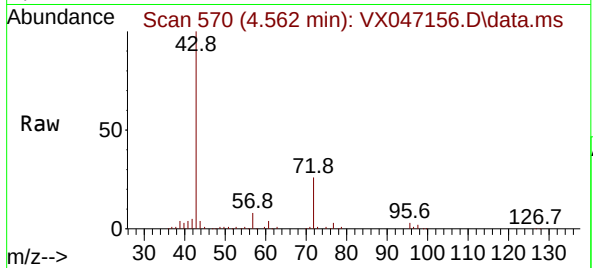




#25
2-Butanone
Concen: 91.977 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

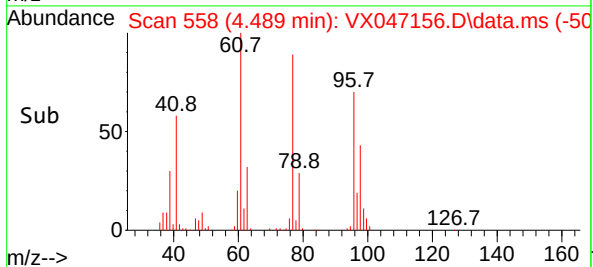
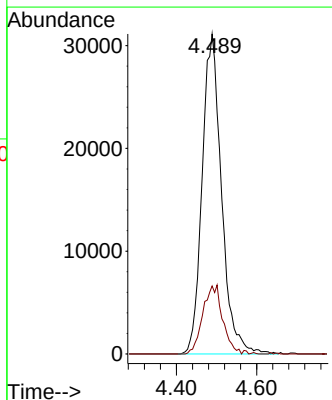
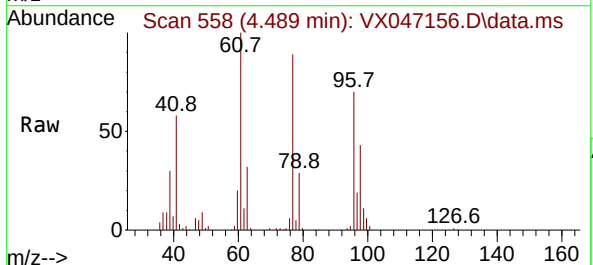
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

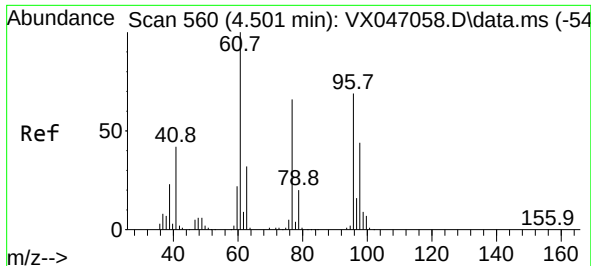
Tgt Ion: 43 Resp: 198284
Ion Ratio Lower Upper
43 100
72 26.1 18.8 28.2



#26
2,2-Dichloropropane
Concen: 18.716 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 77 Resp: 104393
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.553 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

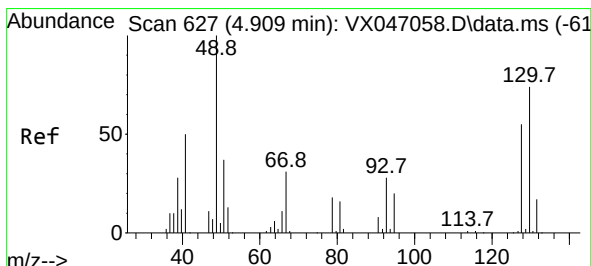
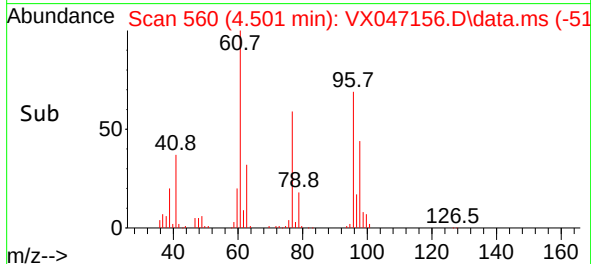
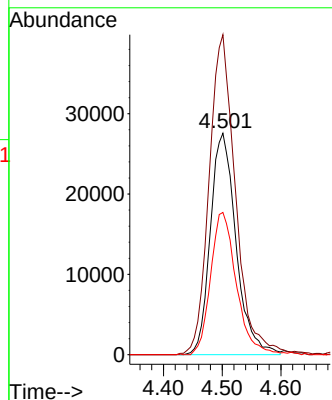
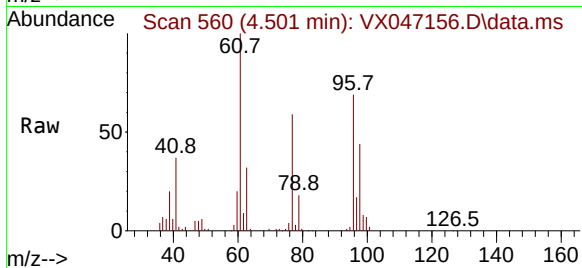
Tgt Ion: 96 Resp: 83823

Ion Ratio Lower Upper

96 100

61 148.1 0.0 298.6

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 22.660 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

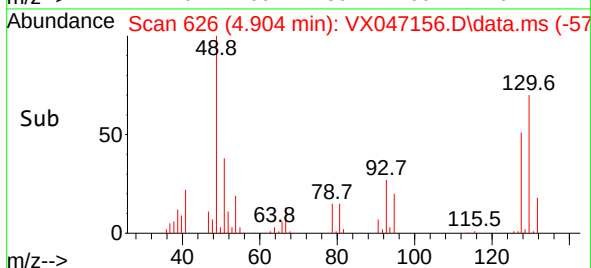
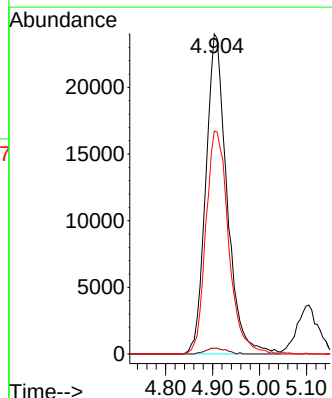
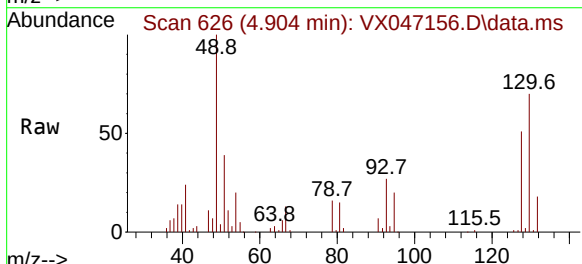
Tgt Ion: 49 Resp: 75119

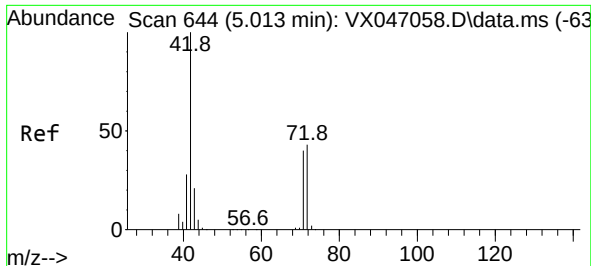
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 92.271 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

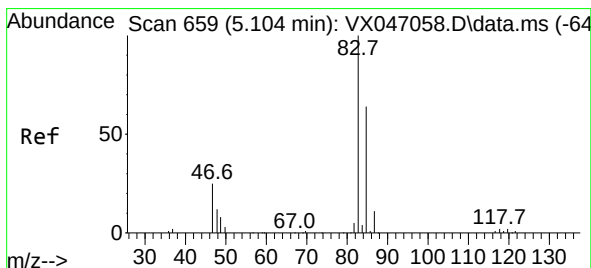
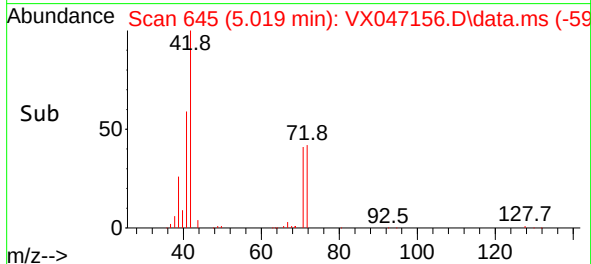
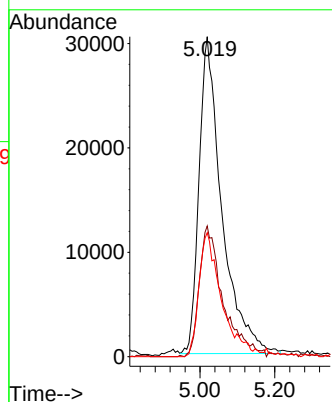
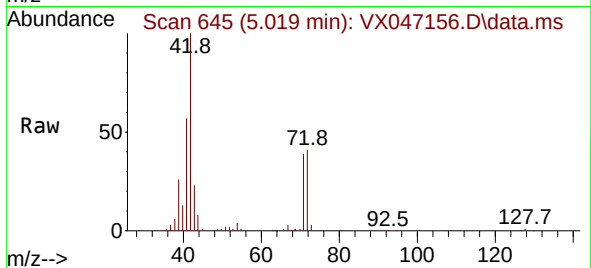
Tgt Ion: 42 Resp: 128344

Ion Ratio Lower Upper

42 100

72 42.8 33.7 50.5

71 38.3 31.0 46.4



#30

Chloroform

Concen: 18.366 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047156.D

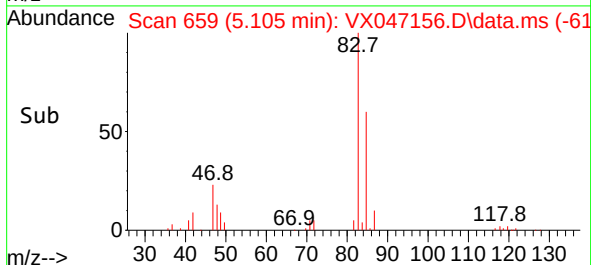
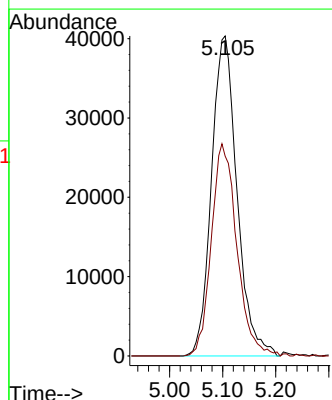
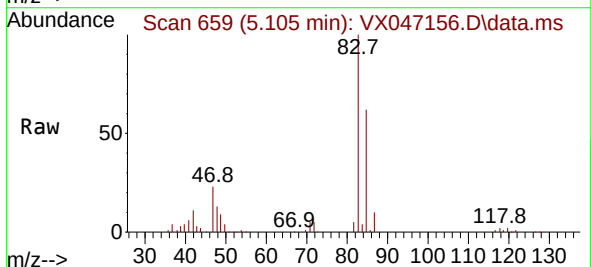
Acq: 28 Jul 2025 11:11

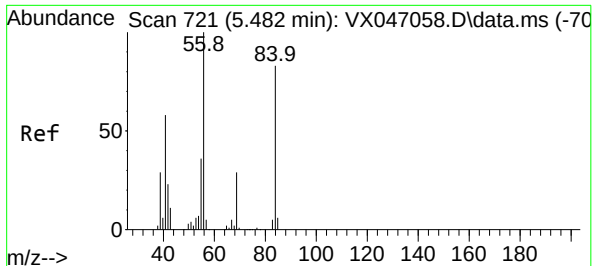
Tgt Ion: 83 Resp: 134714

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

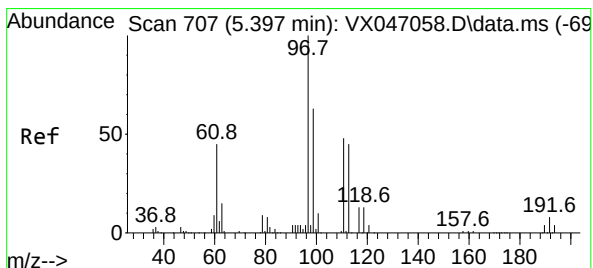
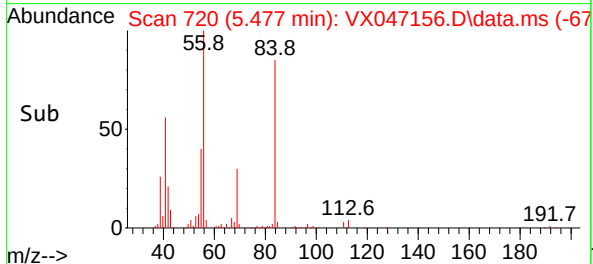
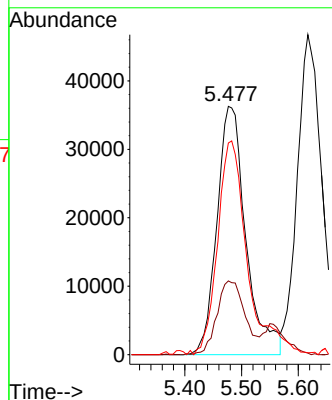
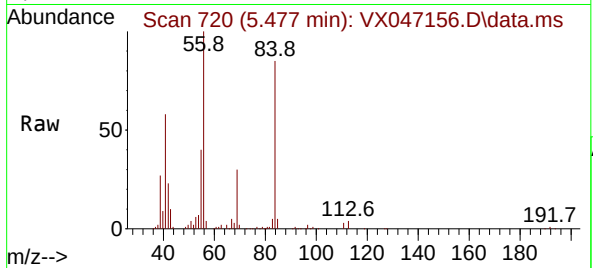




#31
Cyclohexane
Concen: 18.542 ug/l
RT: 5.477 min Scan# 721
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

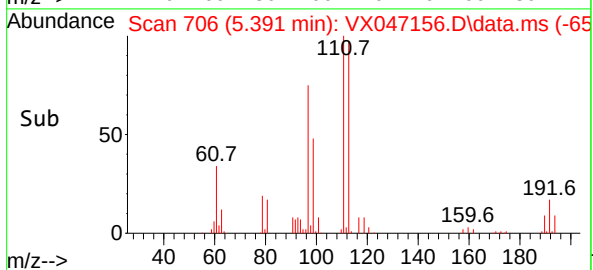
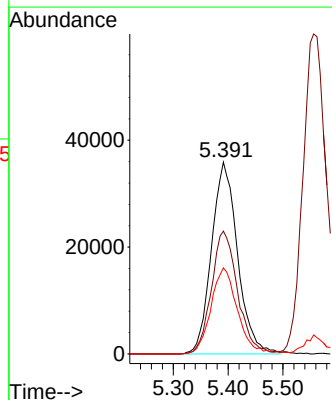
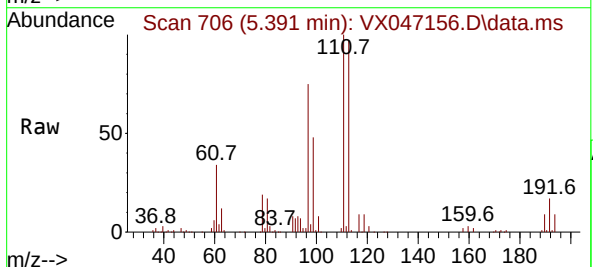
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

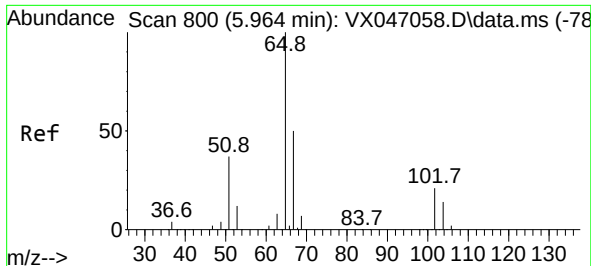
Tgt Ion: 56 Resp: 128106
Ion Ratio Lower Upper
56 100
69 29.2 23.3 34.9
84 83.5 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 18.608 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 97 Resp: 118551
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 45.7 37.1 55.7

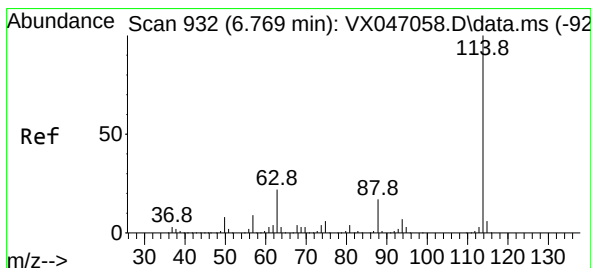
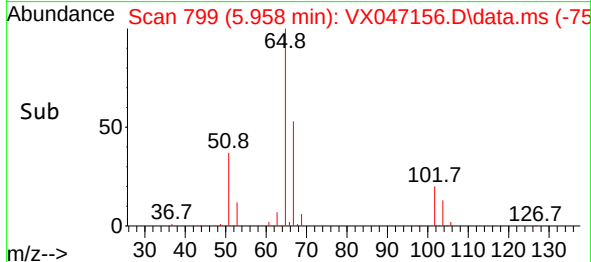
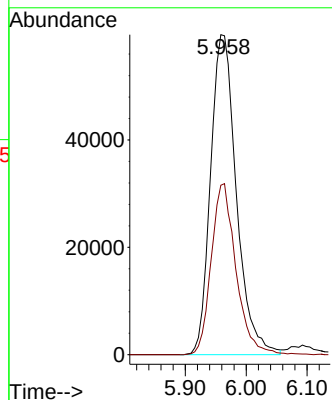
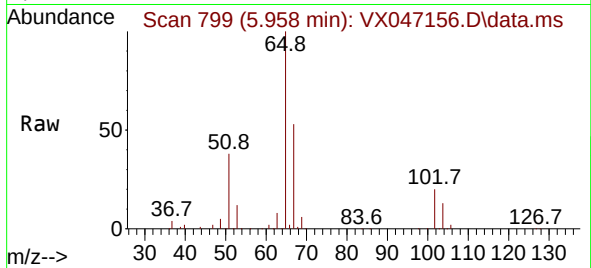




#33
 1,2-Dichloroethane-d4
 Concen: 47.536 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

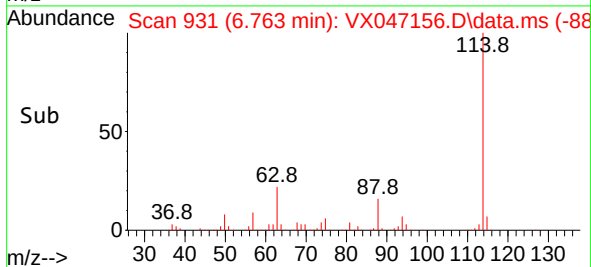
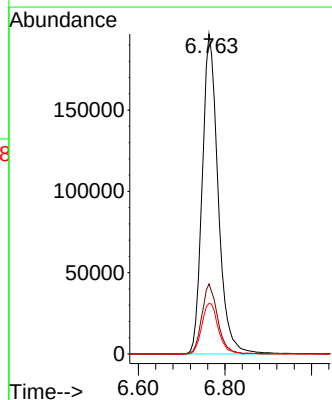
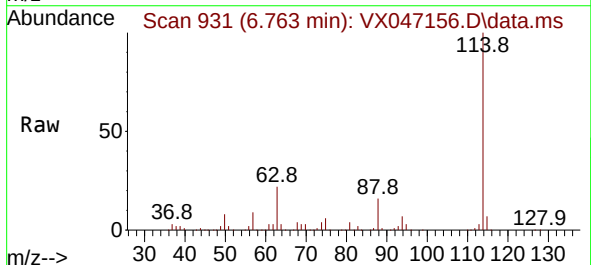
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

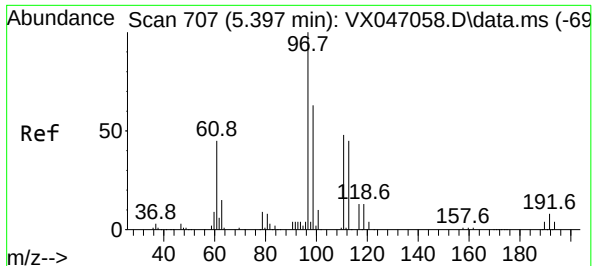
Tgt Ion: 65 Resp: 175682
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

Tgt Ion: 114 Resp: 500012
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 15.8 0.0 33.8

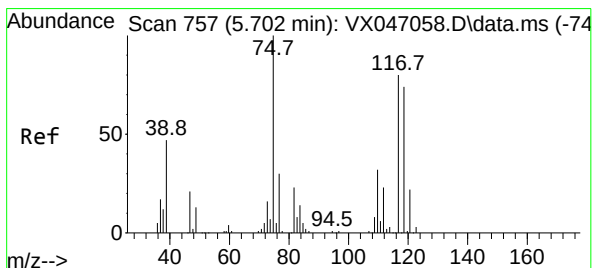
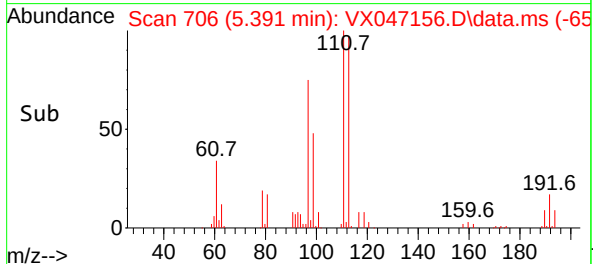
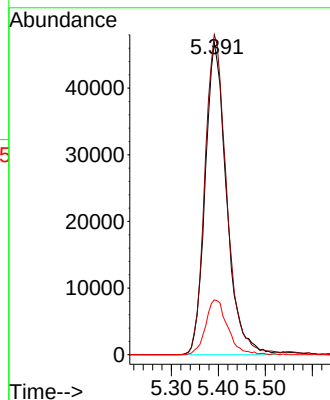
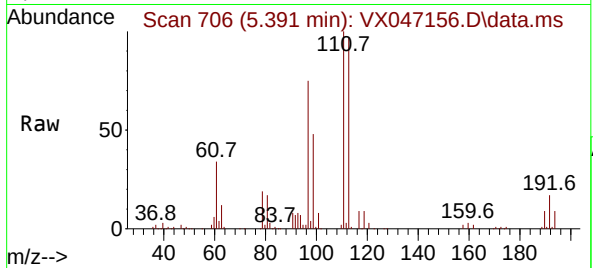




#35
Dibromofluoromethane
Concen: 48.049 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

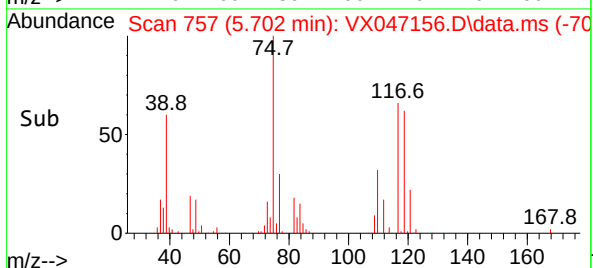
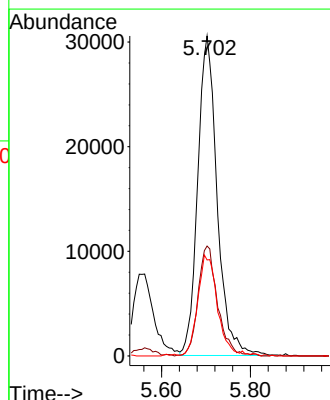
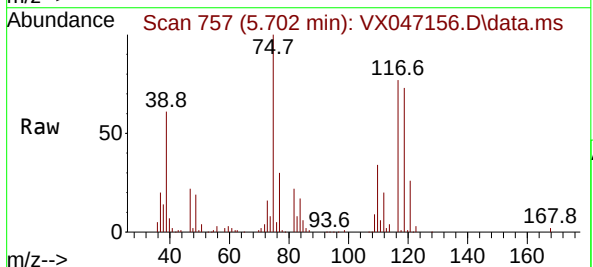
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

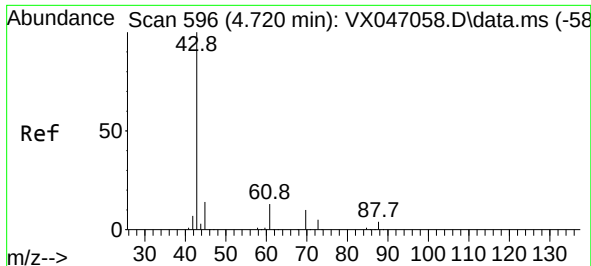
Tgt Ion:113 Resp: 148339
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 17.660 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 75 Resp: 92937
Ion Ratio Lower Upper
75 100
110 34.6 17.2 51.5
77 31.3 25.1 37.7

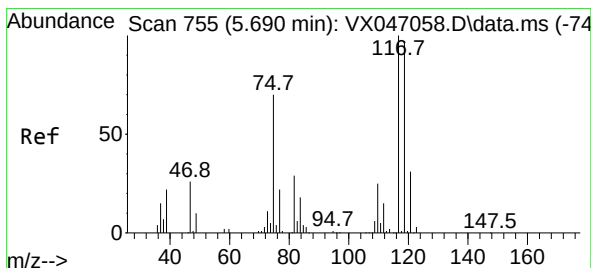
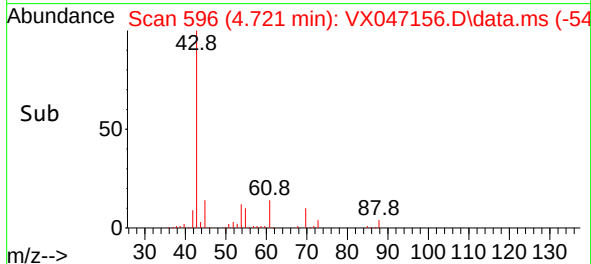
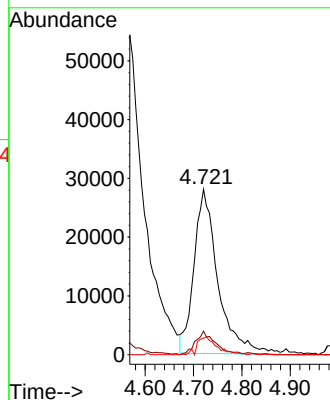
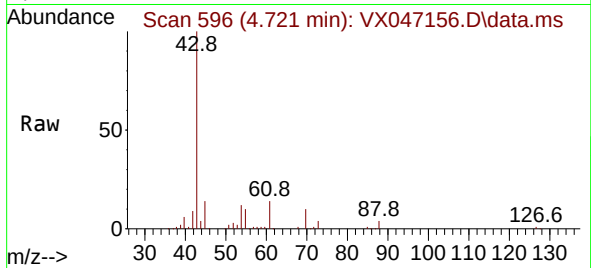




#37
Ethyl Acetate
Concen: 19.830 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

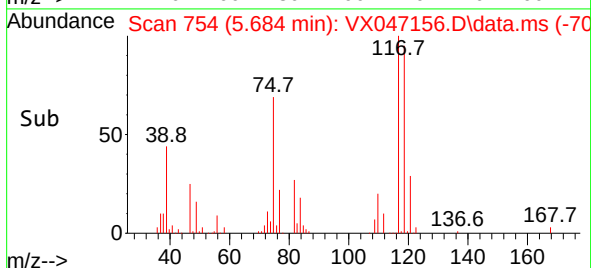
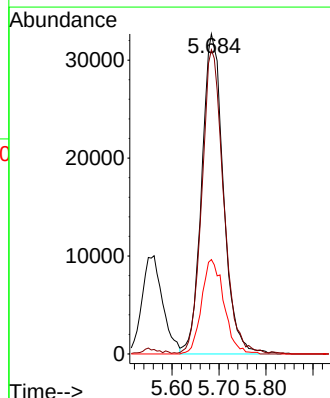
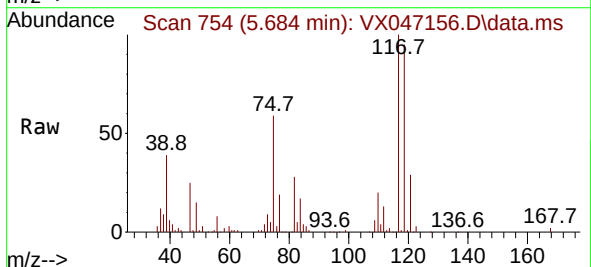
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

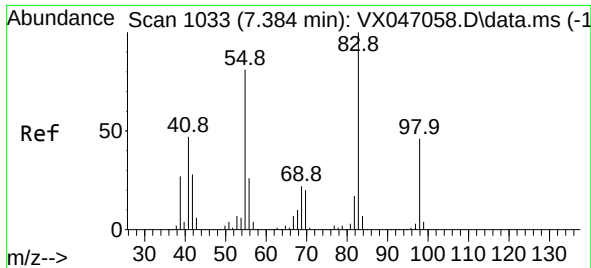
Tgt Ion: 43 Resp: 96160
Ion Ratio Lower Upper
43 100
61 11.9 10.2 15.2
70 8.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.623 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 117 Resp: 104598
Ion Ratio Lower Upper
117 100
119 94.7 76.6 115.0
121 29.5 24.4 36.6

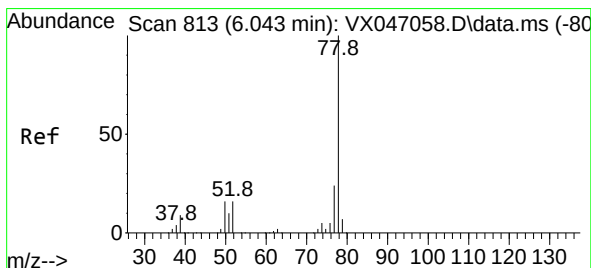
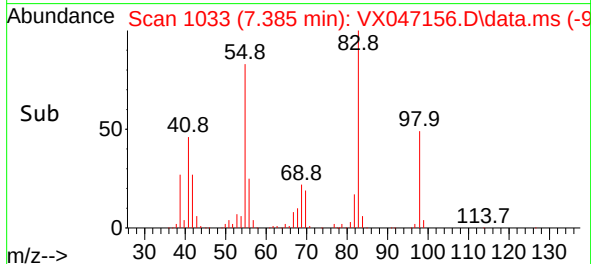
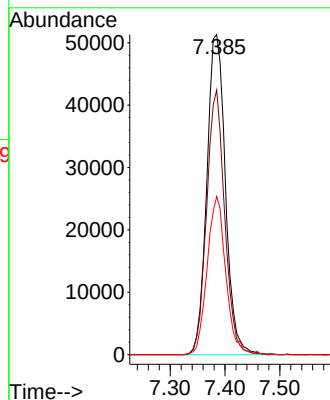
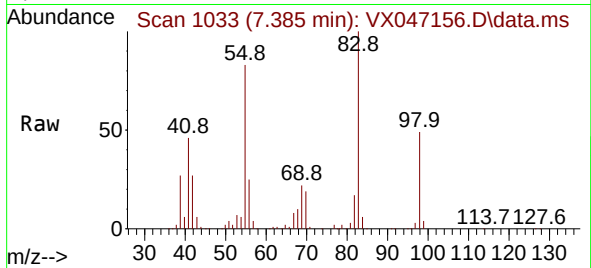




#39
Methylcyclohexane
Concen: 18.398 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

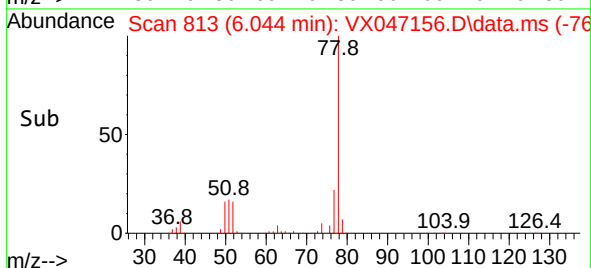
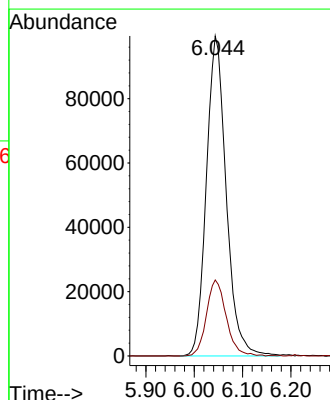
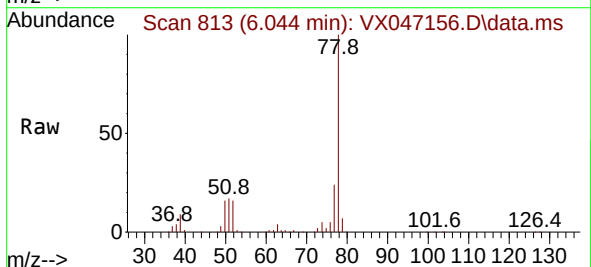
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

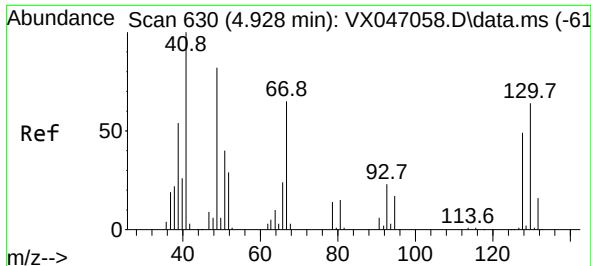
Tgt Ion: 83 Resp: 120883
Ion Ratio Lower Upper
83 100
55 82.7 64.5 96.7
98 49.5 36.9 55.3



#40
Benzene
Concen: 18.596 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 78 Resp: 283209
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

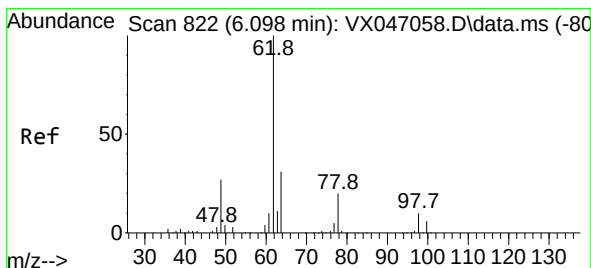
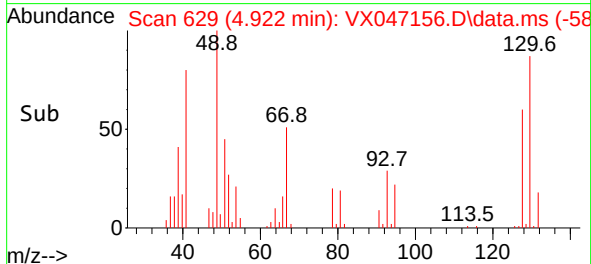
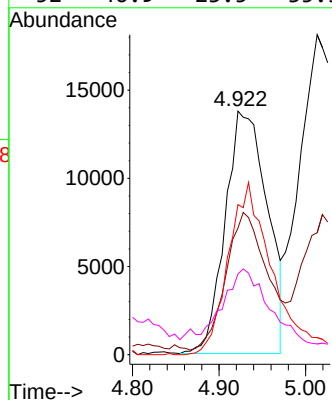
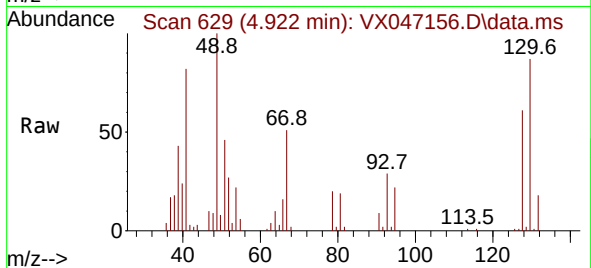




#41
Methacrylonitrile
Concen: 18.303 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

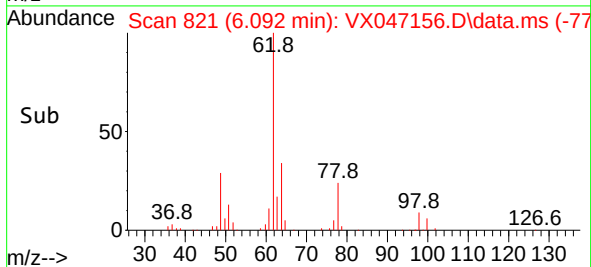
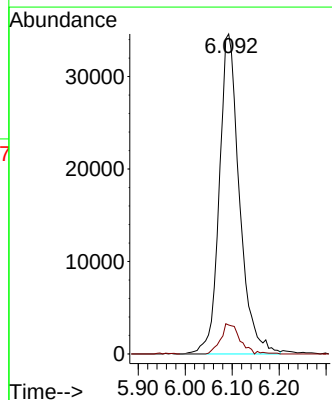
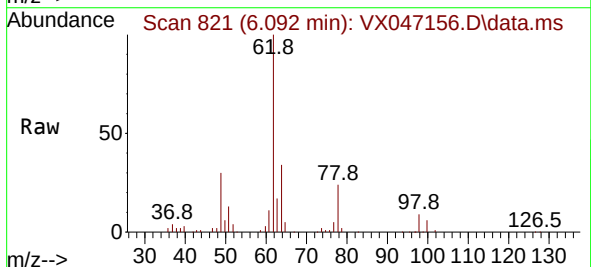
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

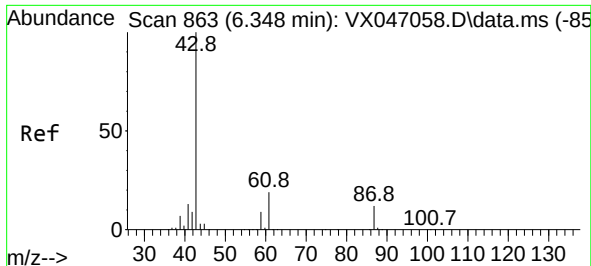
Tgt Ion: 41	Resp: 46407
Ion Ratio	Lower Upper
41 100	
39 56.3	44.2 66.2
67 75.1	56.4 84.6
52 46.9	23.5 35.3#



#42
1,2-Dichloroethane
Concen: 19.270 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 62	Resp: 103378
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 18.8

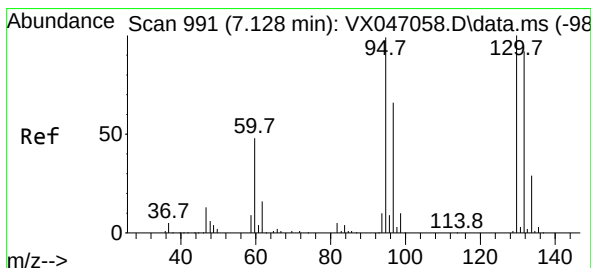
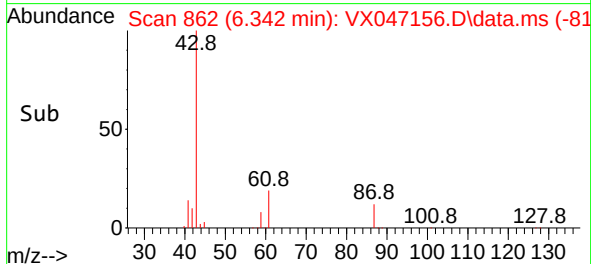
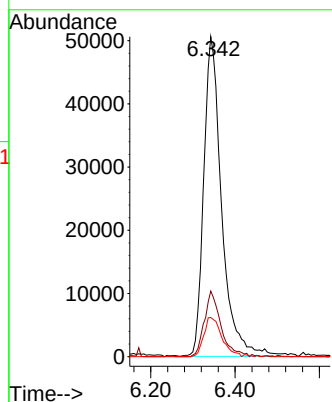
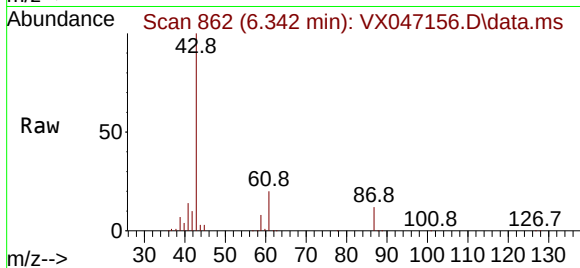




#43
Isopropyl Acetate
Concen: 19.834 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

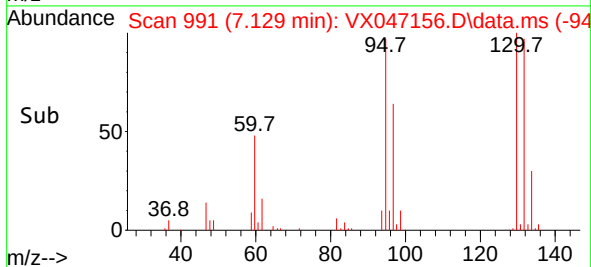
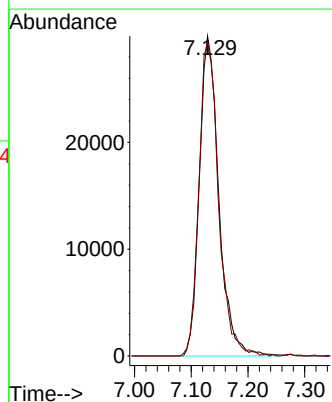
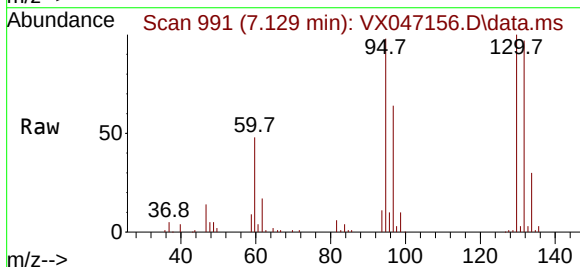
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

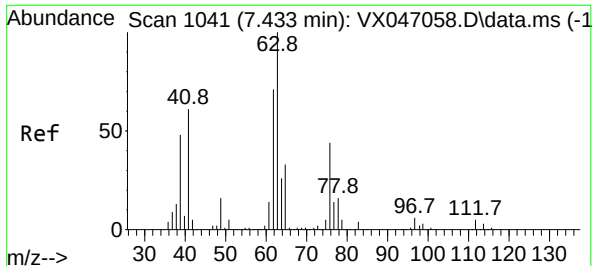
Tgt Ion: 43 Resp: 149936
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 12.2 9.7 14.5



#44
Trichloroethene
Concen: 18.269 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:130 Resp: 71346
Ion Ratio Lower Upper
130 100
95 98.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.912 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

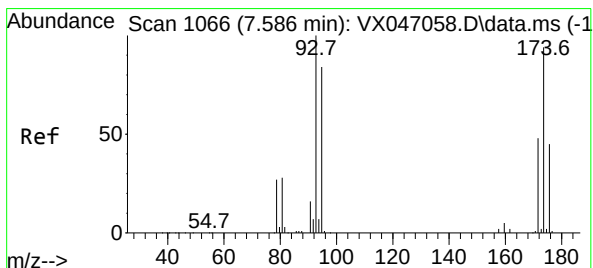
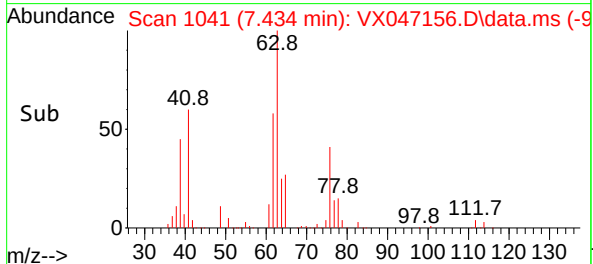
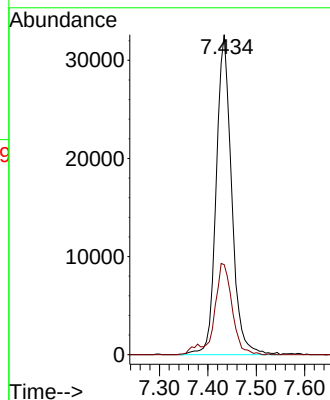
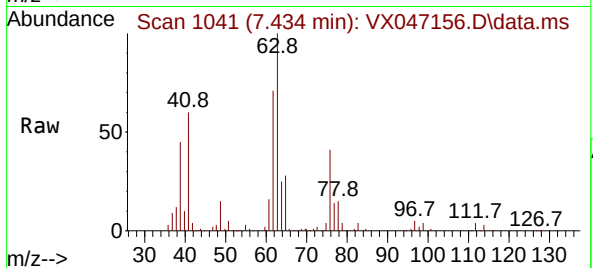
VX0728WBSD01

Tgt Ion: 63 Resp: 72137

Ion Ratio Lower Upper

63 100

65 28.2 26.3 39.5



#46

Dibromomethane

Concen: 19.371 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

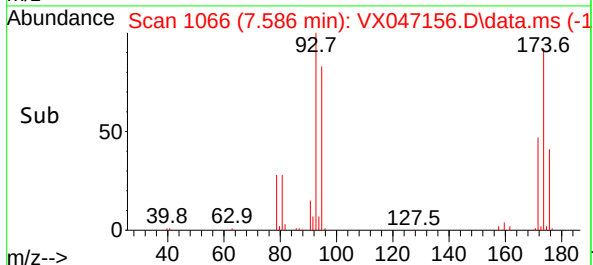
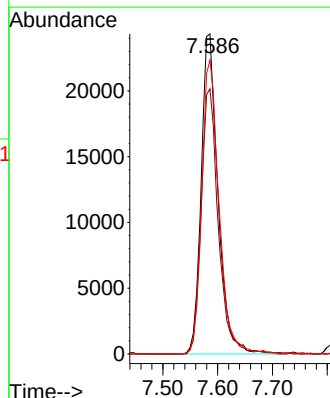
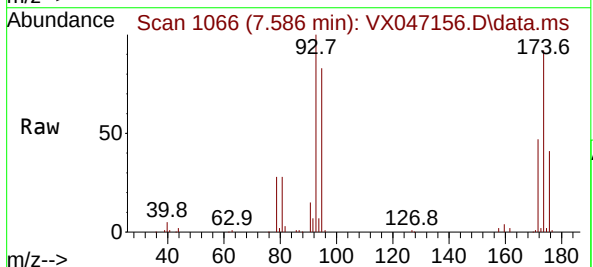
Tgt Ion: 93 Resp: 51814

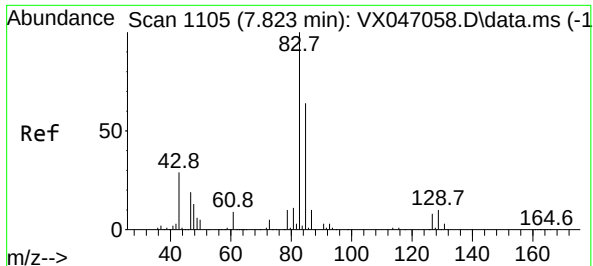
Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

174 93.8 74.6 112.0

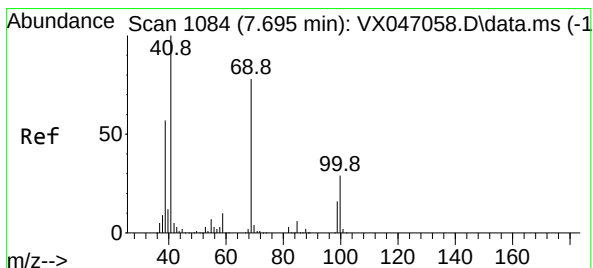
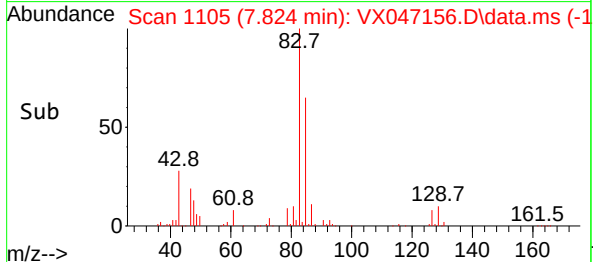
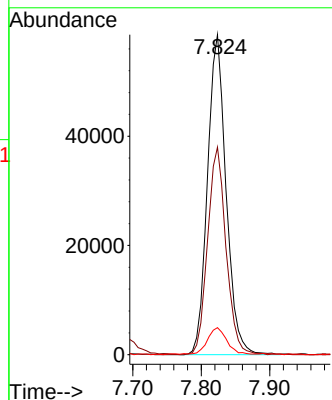
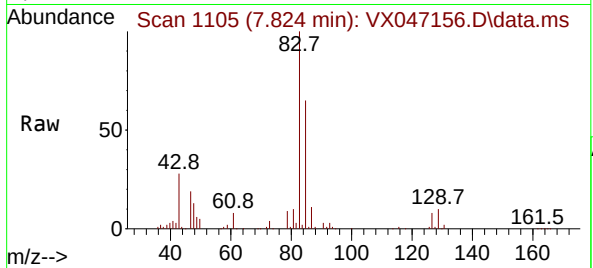




#47
Bromodichloromethane
Concen: 19.446 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

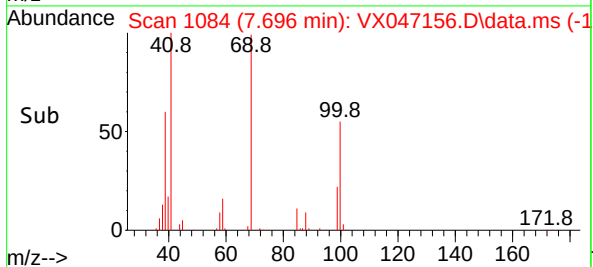
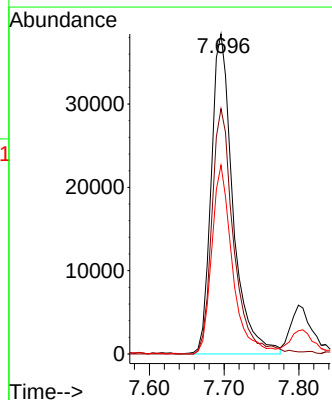
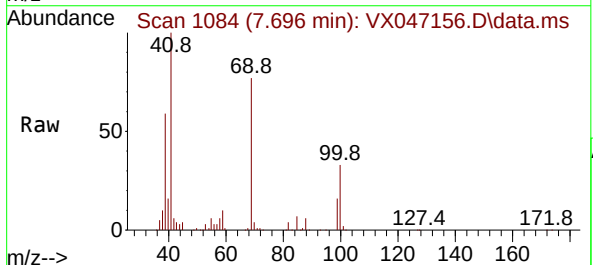
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

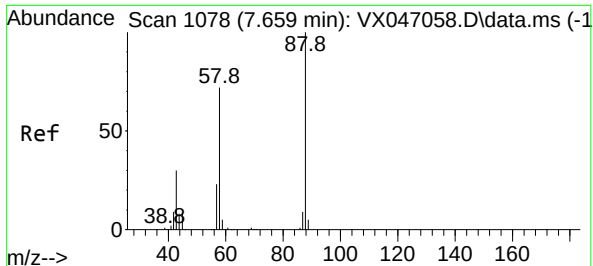
Tgt Ion: 83 Resp: 110712
Ion Ratio Lower Upper
83 100
85 63.3 49.9 74.9
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.813 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 41 Resp: 77478
Ion Ratio Lower Upper
41 100
69 77.4 62.3 93.5
39 56.2 44.8 67.2

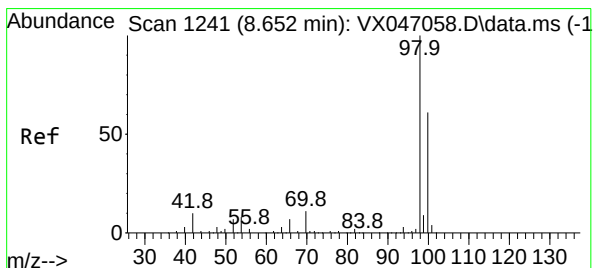
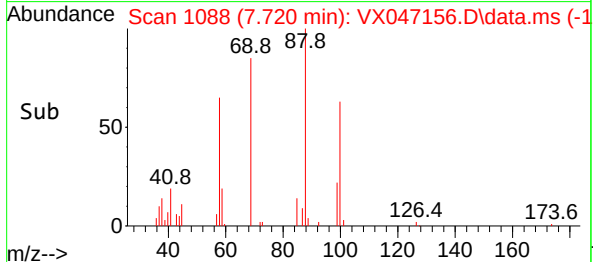
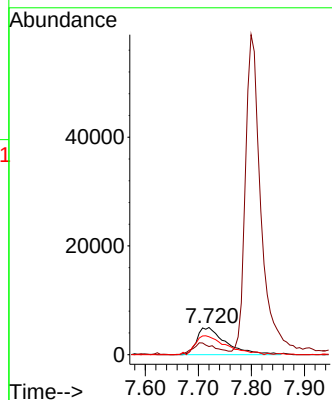
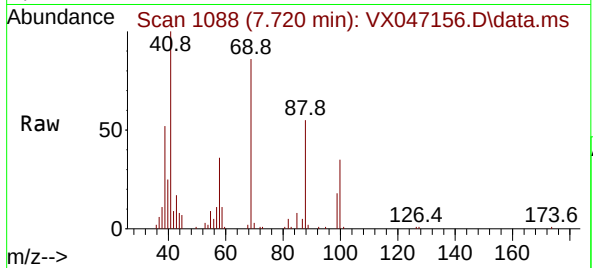




#49
1,4-Dioxane
Concen: 402.907 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.061 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

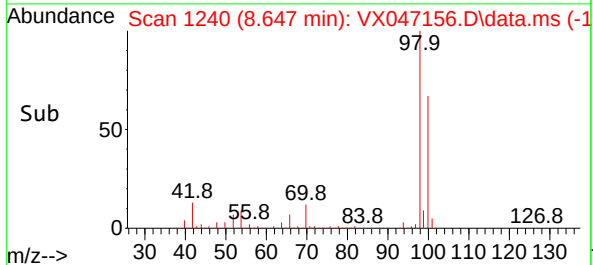
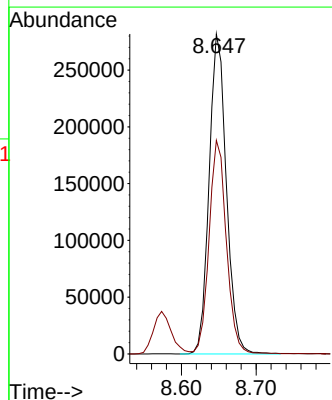
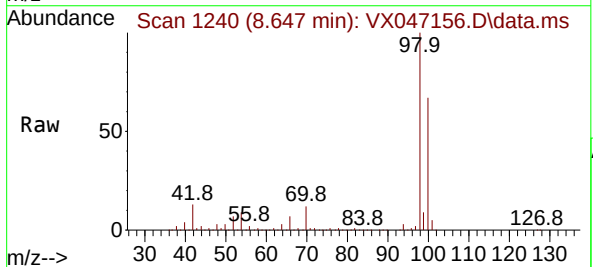
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

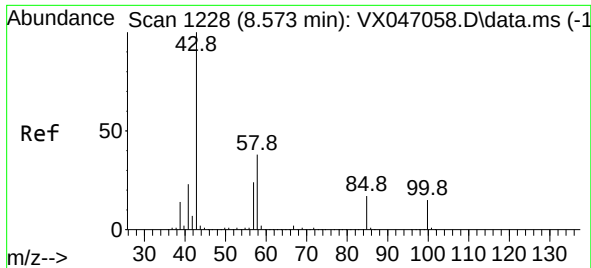
Tgt Ion: 88 Resp: 18872
Ion Ratio Lower Upper
88 100
43 36.4 33.6 50.4
58 74.8 58.8 88.2



#50
Toluene-d8
Concen: 45.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 98 Resp: 452427
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9

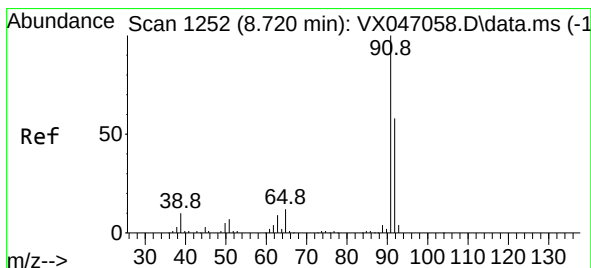
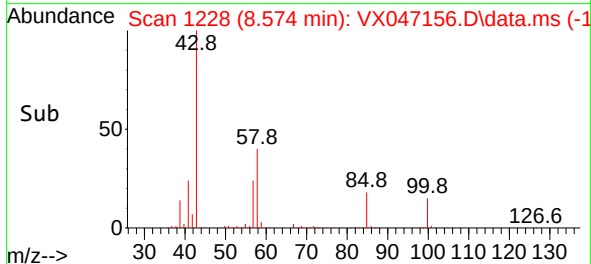
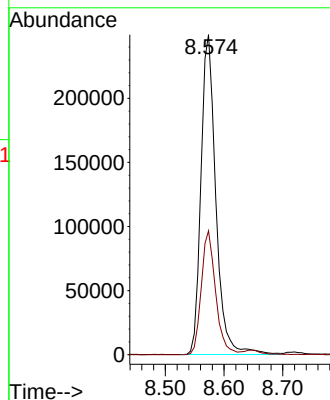
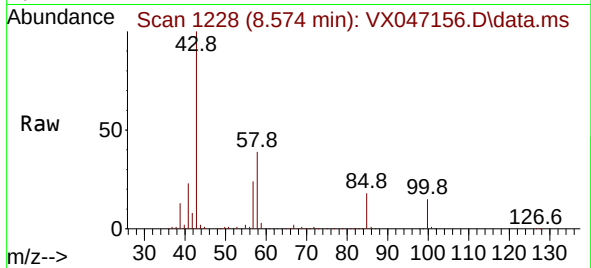




#51
4-Methyl-2-Pentanone
Concen: 97.570 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

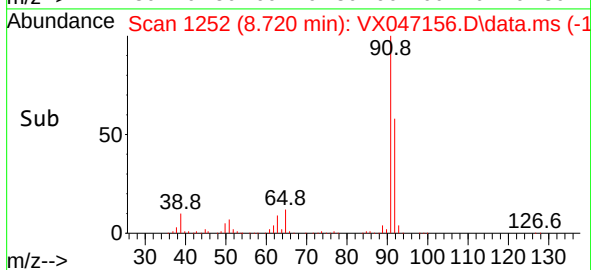
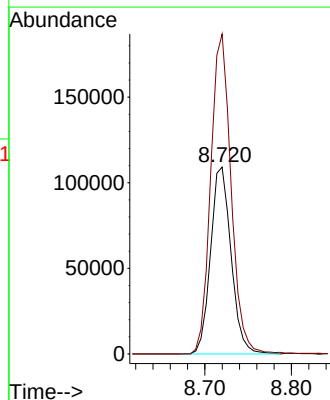
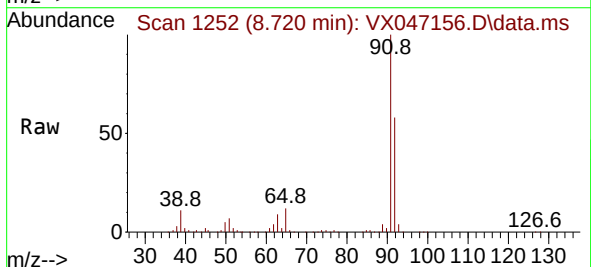
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

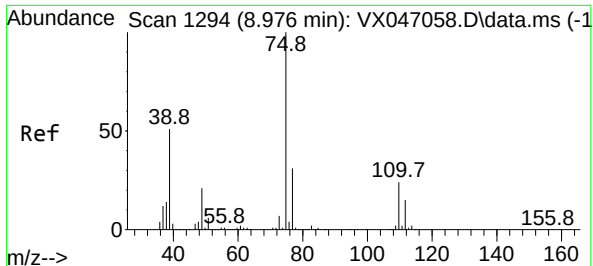
Tgt Ion: 43 Resp: 438417
Ion Ratio Lower Upper
43 100
58 37.1 30.6 45.8



#52
Toluene
Concen: 19.176 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 92 Resp: 179571
Ion Ratio Lower Upper
92 100
91 170.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.380 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

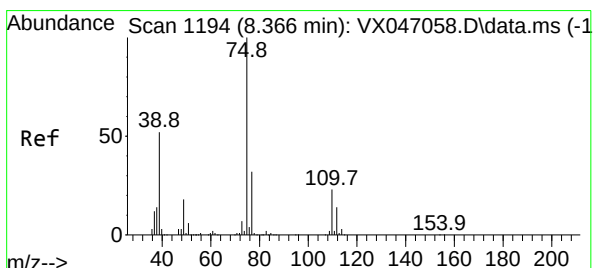
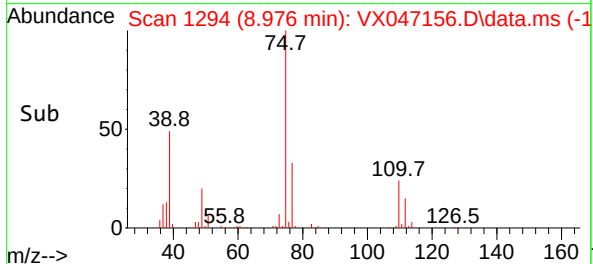
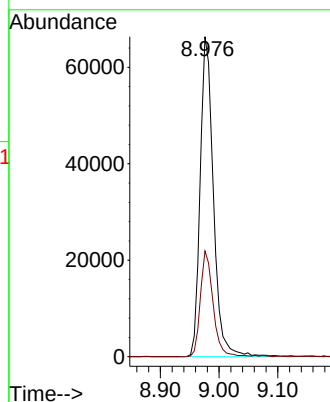
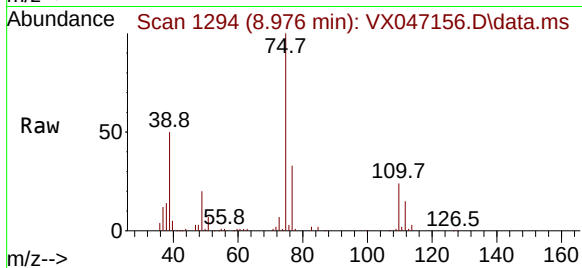
VX0728WBSD01

Tgt Ion: 75 Resp: 104193

Ion Ratio Lower Upper

75 100

77 33.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.316 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

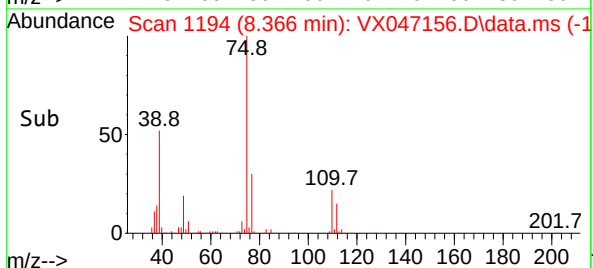
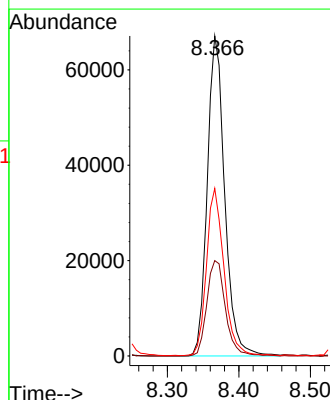
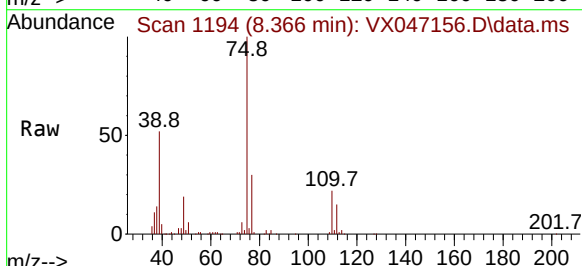
Tgt Ion: 75 Resp: 113664

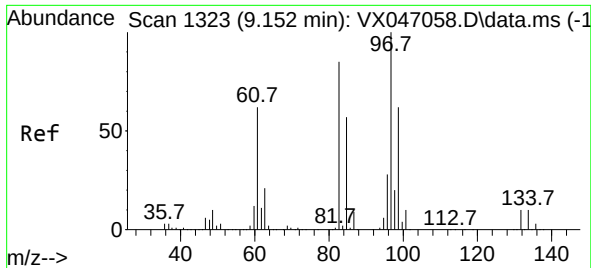
Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.0

39 52.3 41.8 62.6

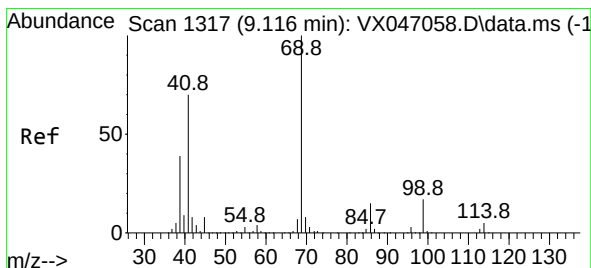
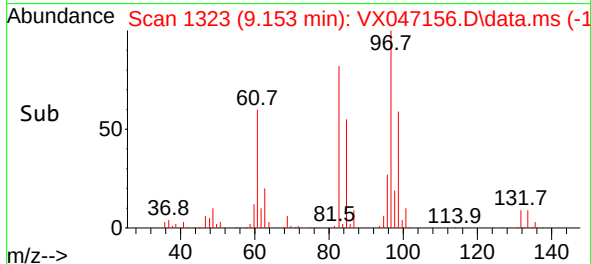
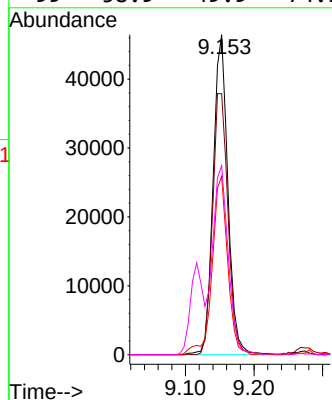
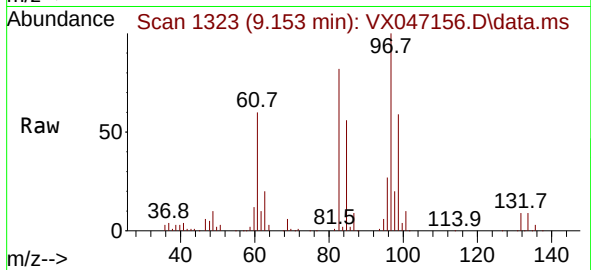




#55
1,1,2-Trichloroethane
Concen: 19.745 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

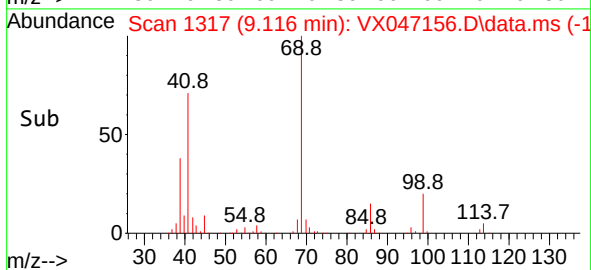
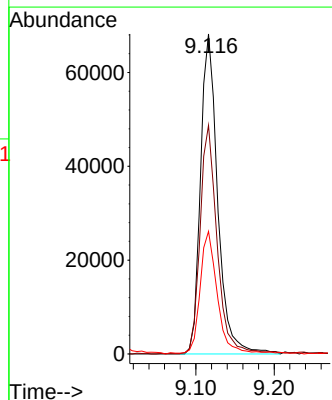
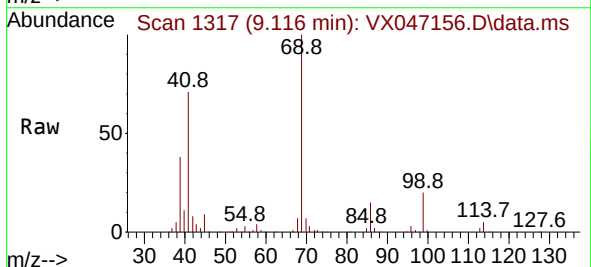
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

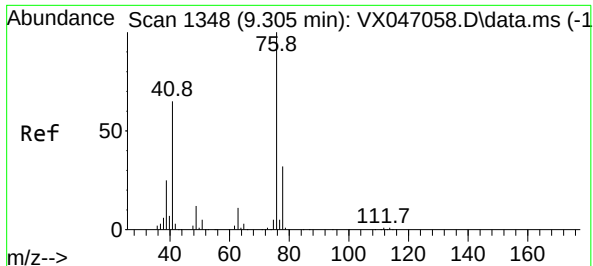
Tgt Ion: 97	Resp: 69343
Ion Ratio	Lower Upper
97 100	
83 81.6	68.0 102.0
85 55.7	45.2 67.8
99 58.9	49.9 74.9



#56
Ethyl methacrylate
Concen: 20.017 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 69	Resp: 104067		
Ion Ratio	Lower	Upper	
69 100			
41 70.4	56.1	84.1	
39 39.2	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 19.253 ug/l

RT: 9.311 min Scan# 117508

Delta R.T. 0.006 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

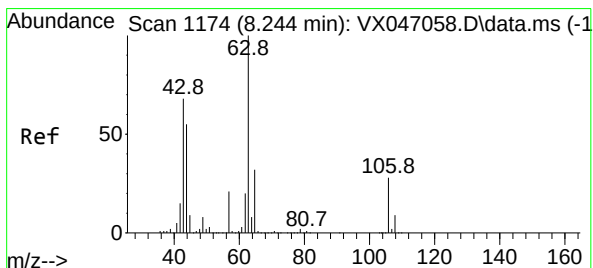
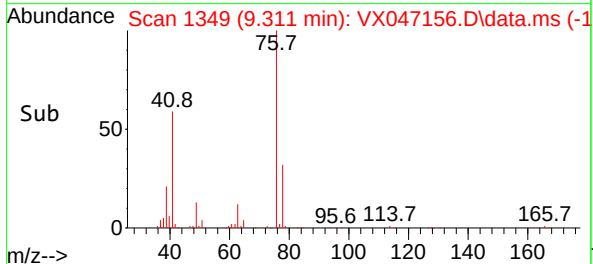
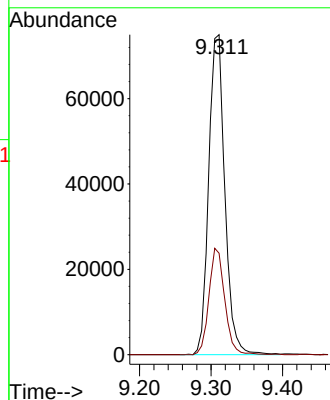
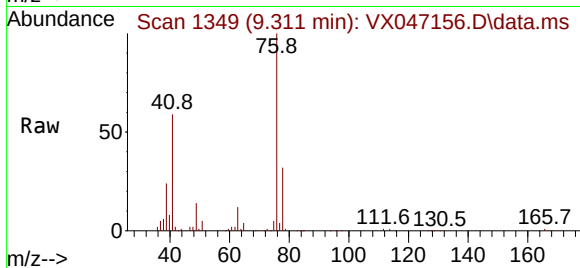
VX0728WBSD01

Tgt Ion: 76 Resp: 117508

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 86.218 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047156.D

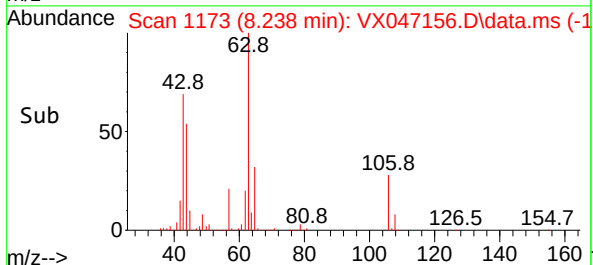
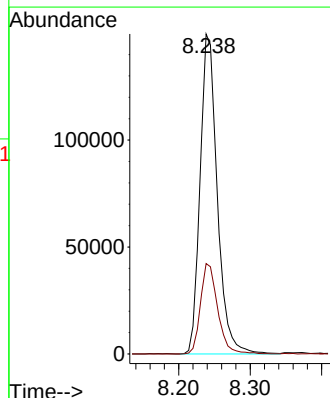
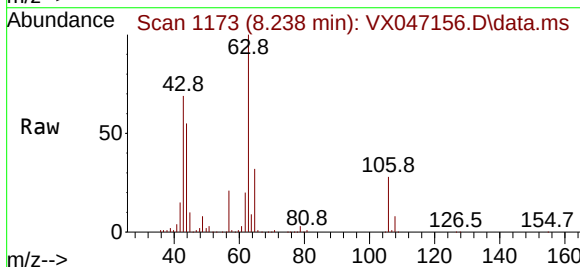
Acq: 28 Jul 2025 11:11

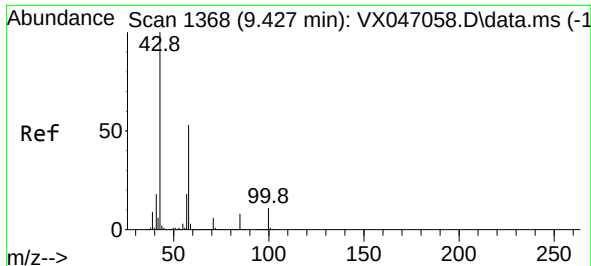
Tgt Ion: 63 Resp: 249437

Ion Ratio Lower Upper

63 100

106 28.3 22.2 33.4

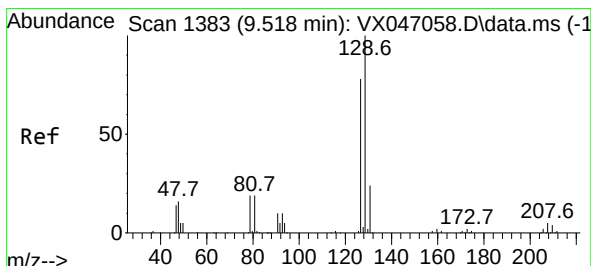
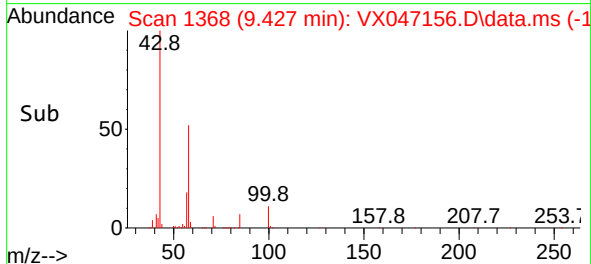
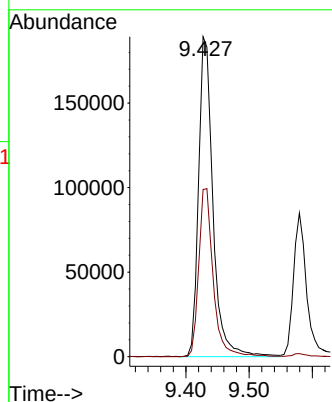
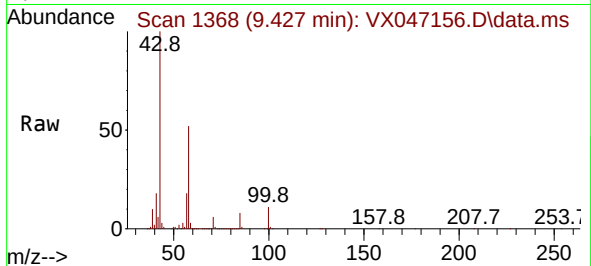




#59
2-Hexanone
Concen: 101.132 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

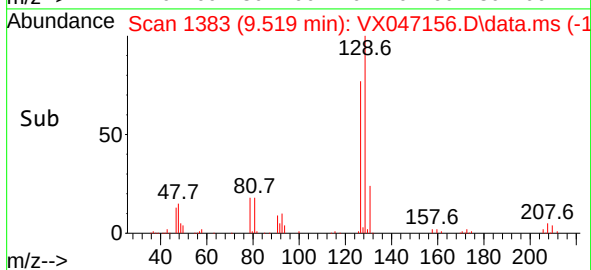
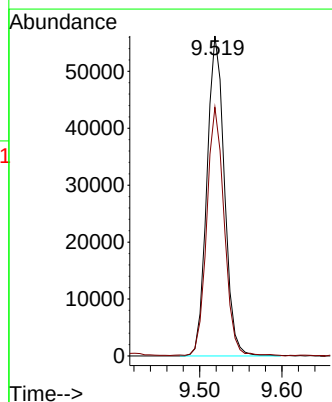
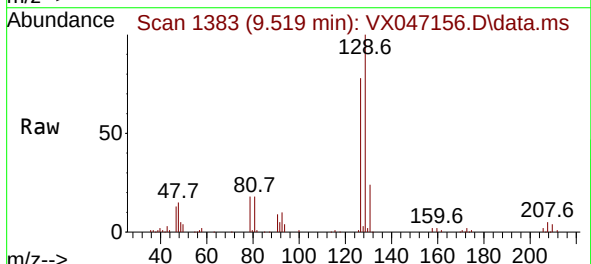
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

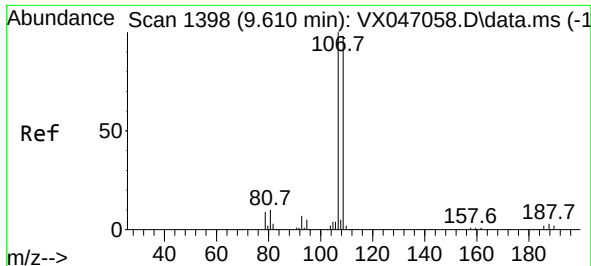
Tgt Ion: 43 Resp: 300229
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5



#60
Dibromochloromethane
Concen: 20.178 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:129 Resp: 83108
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8

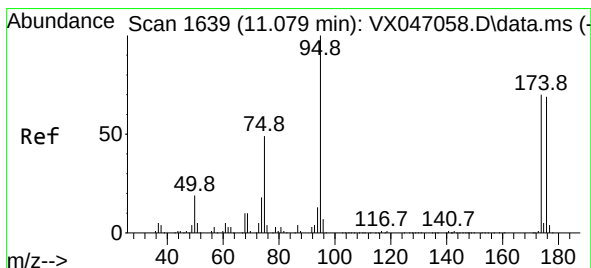
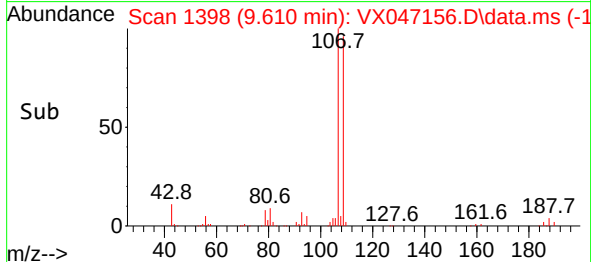
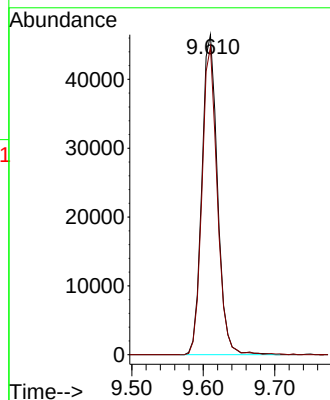
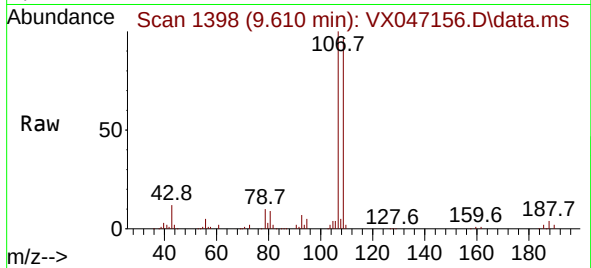




#61
1,2-Dibromoethane
Concen: 19.160 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

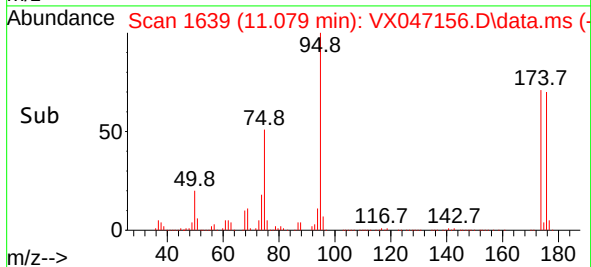
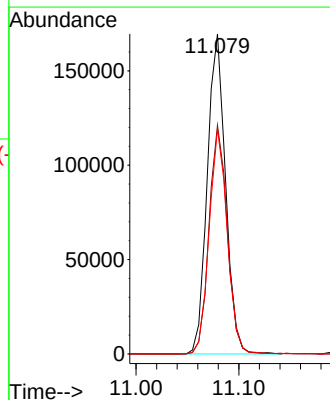
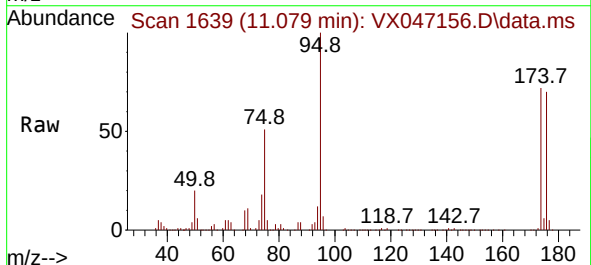
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

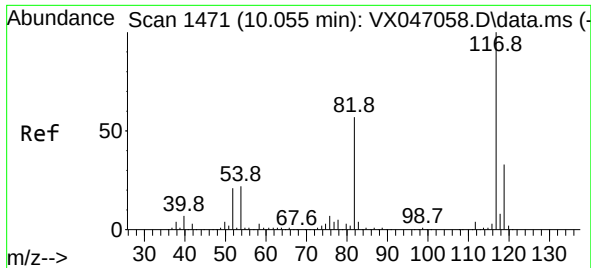
Tgt Ion:107 Resp: 70359
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 48.603 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 95 Resp: 209410
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.6
176 69.5 0.0 139.6

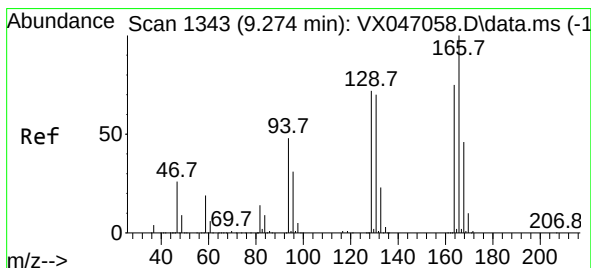
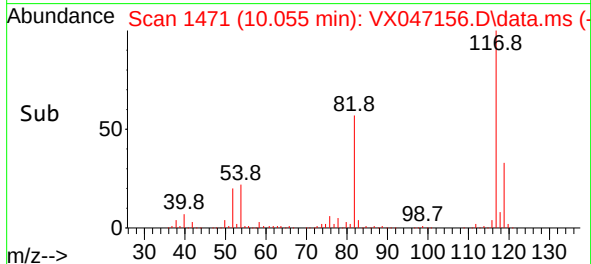
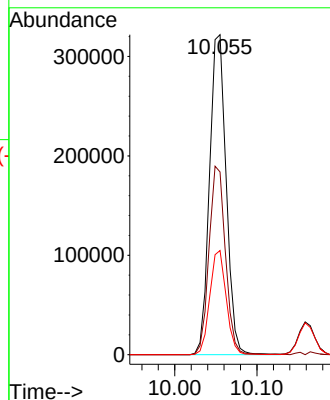
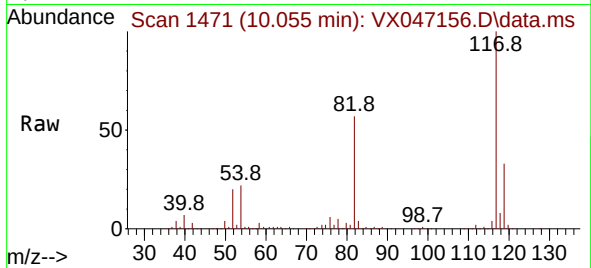




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

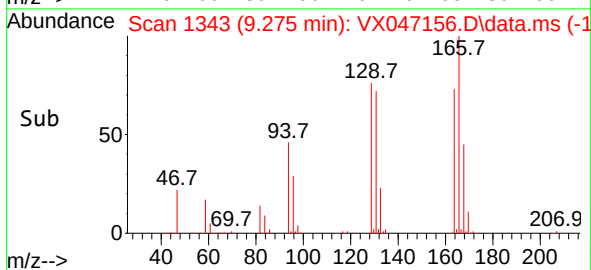
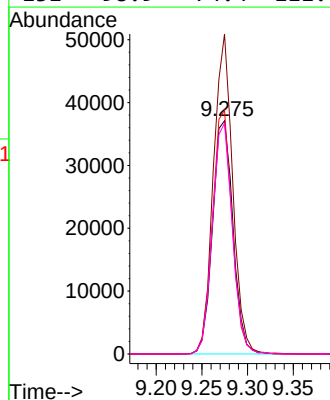
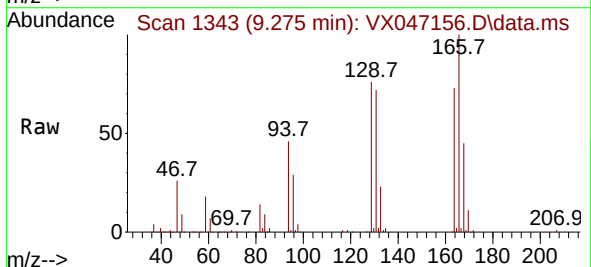
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

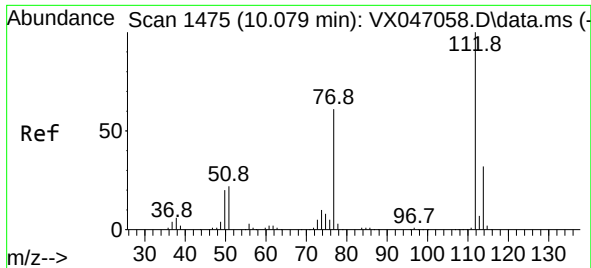
Tgt Ion:117 Resp: 452886
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 17.574 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:164 Resp: 57377
Ion Ratio Lower Upper
164 100
166 137.3 106.2 159.4
129 104.5 76.6 114.8
131 98.9 74.4 111.6

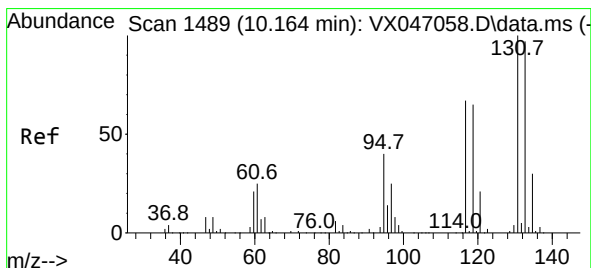
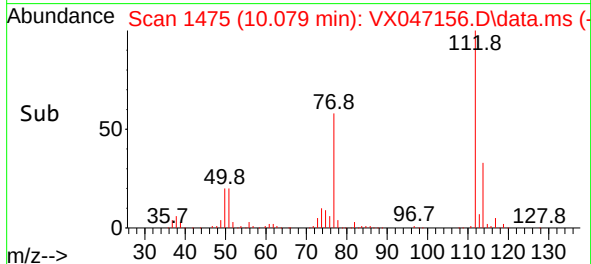
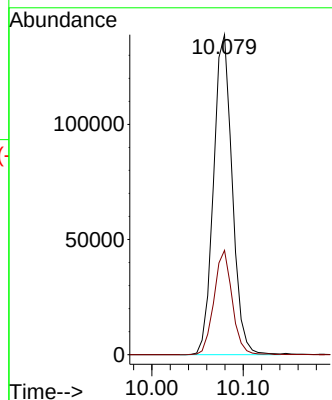
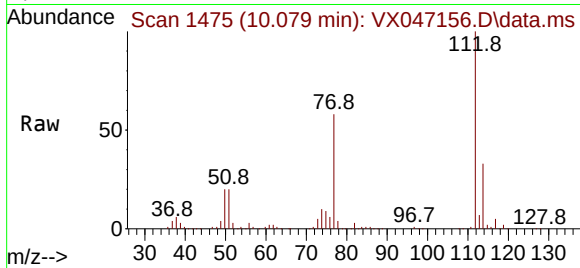




#65
Chlorobenzene
Concen: 18.592 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

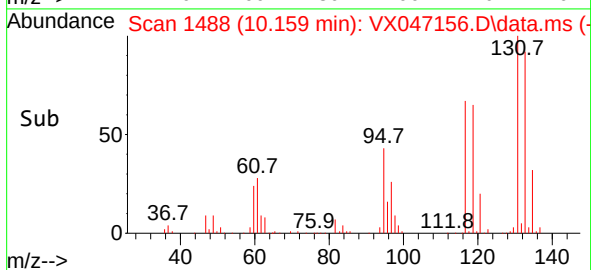
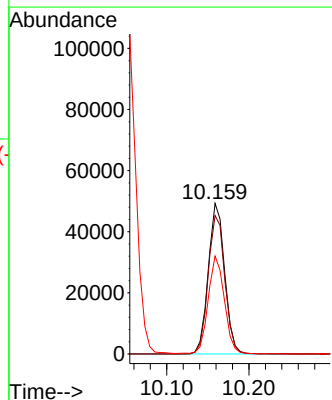
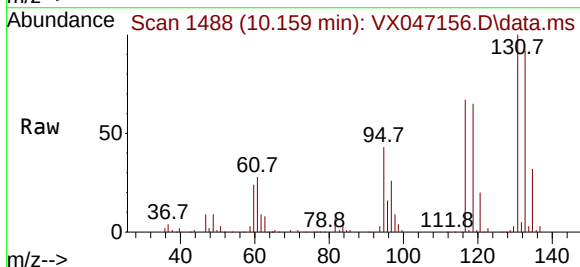
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

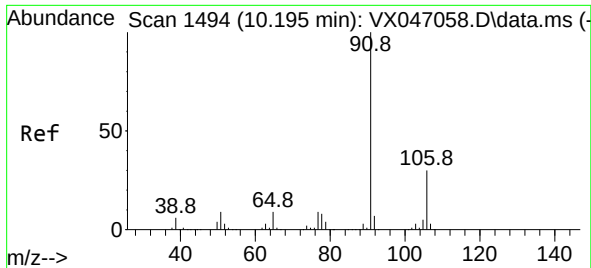
Tgt Ion:112 Resp: 197257
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.076 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:131 Resp: 68140
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.3
119 64.1 32.4 97.0

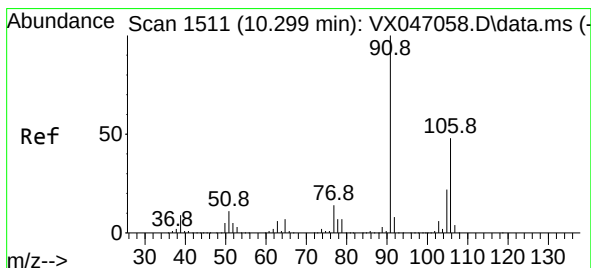
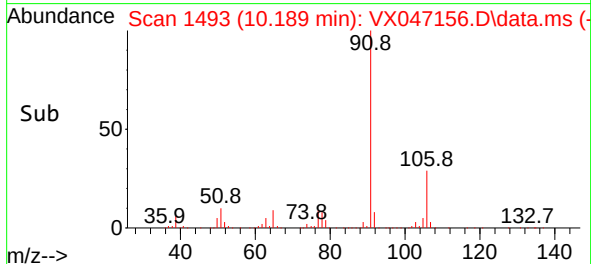
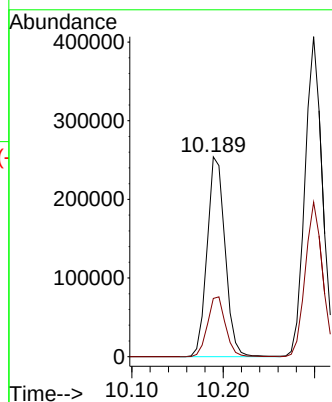
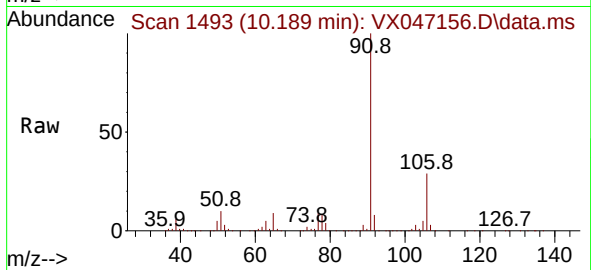




#67
Ethyl Benzene
Concen: 18.640 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

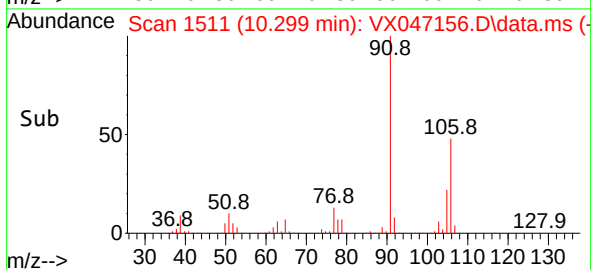
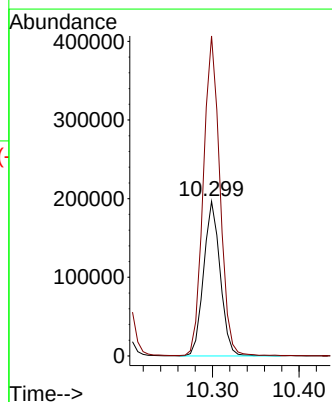
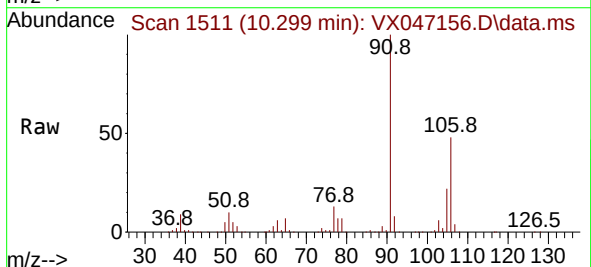
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

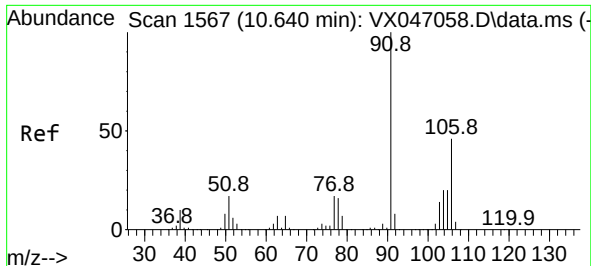
Tgt Ion: 91 Resp: 345780
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.4



#68
m/p-Xylenes
Concen: 37.534 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:106 Resp: 260560
Ion Ratio Lower Upper
106 100
91 207.6 167.4 251.0

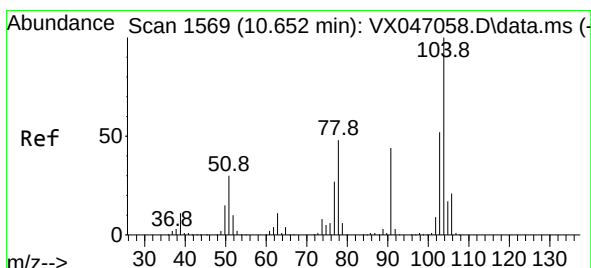
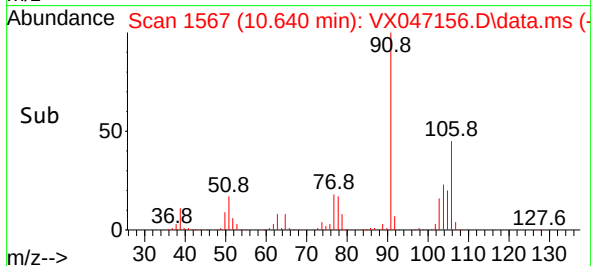
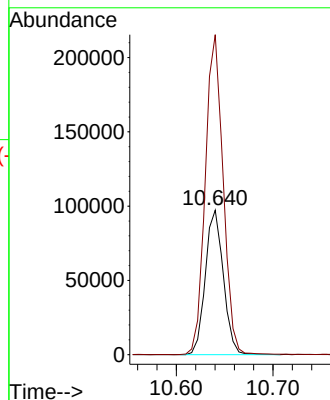
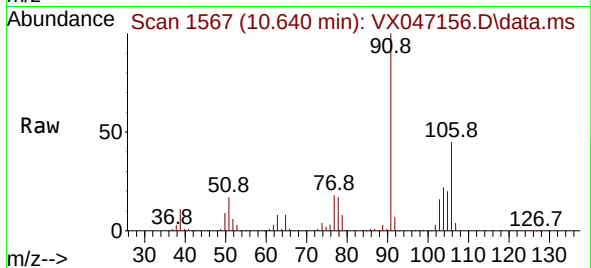




#69
o-Xylene
Concen: 19.093 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

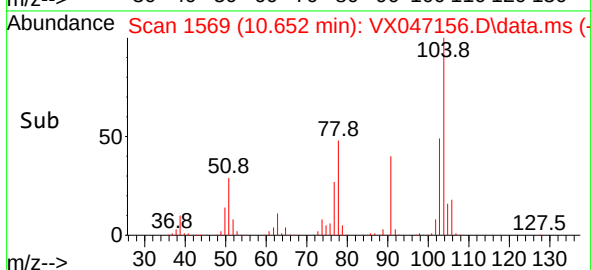
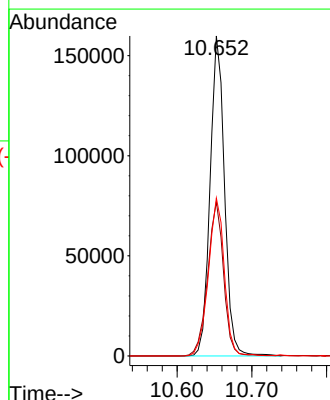
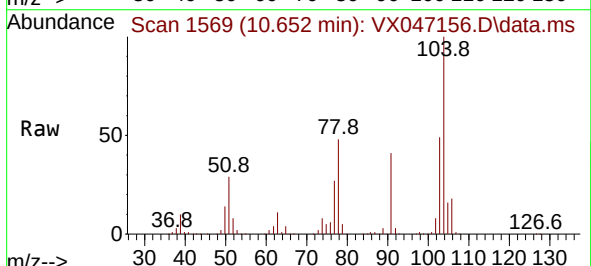
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

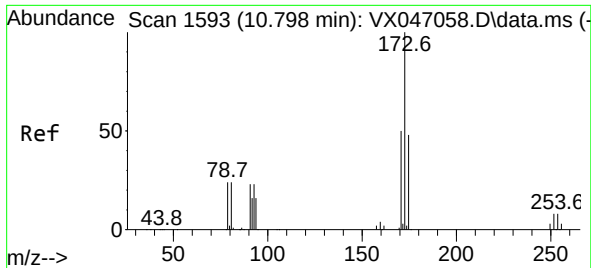
Tgt Ion:106 Resp: 126089
Ion Ratio Lower Upper
106 100
91 220.4 110.3 331.0



#70
Styrene
Concen: 18.955 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:104 Resp: 214649
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.4 43.8 65.6

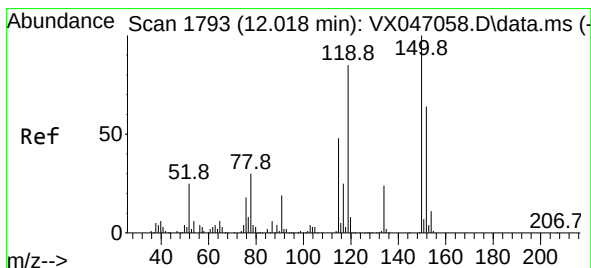
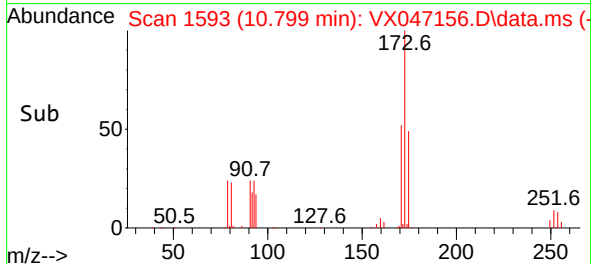
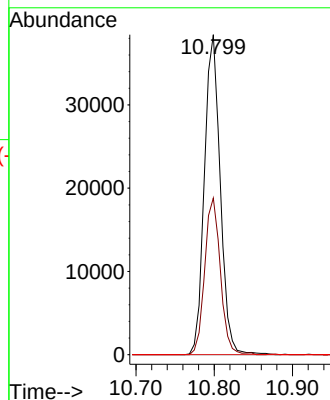
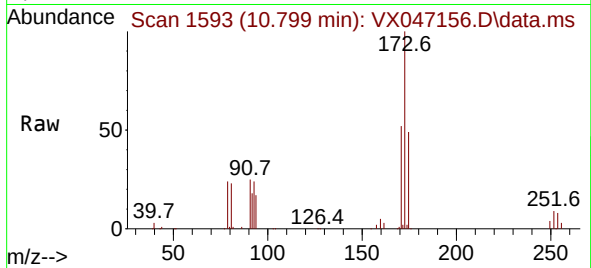




#71
Bromoform
Concen: 19.891 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

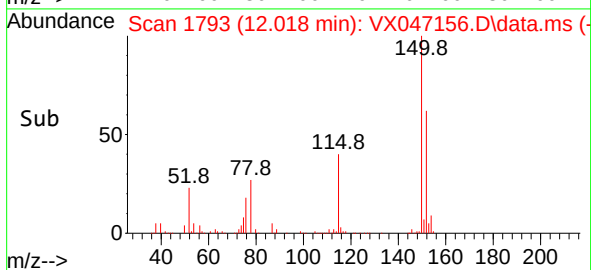
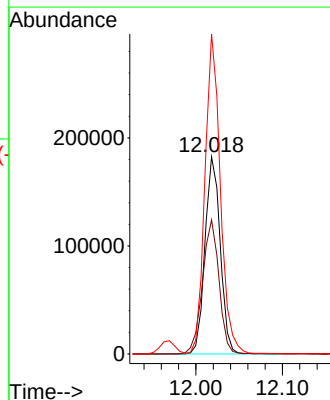
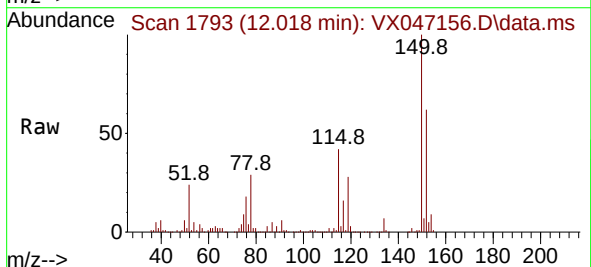
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

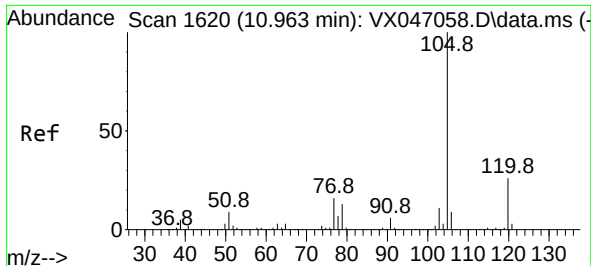
Tgt Ion:173 Resp: 53971
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:152 Resp: 223131
Ion Ratio Lower Upper
152 100
115 73.7 45.6 136.7
150 164.1 0.0 354.6

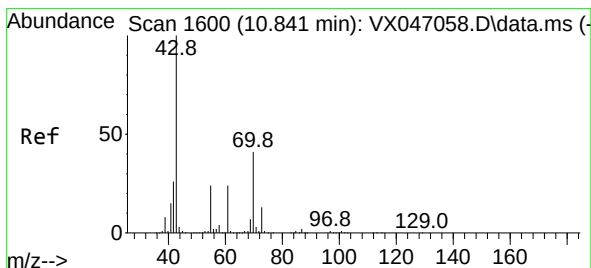
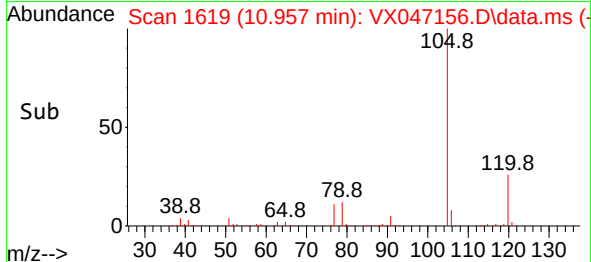
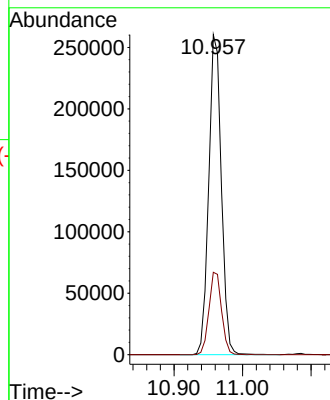
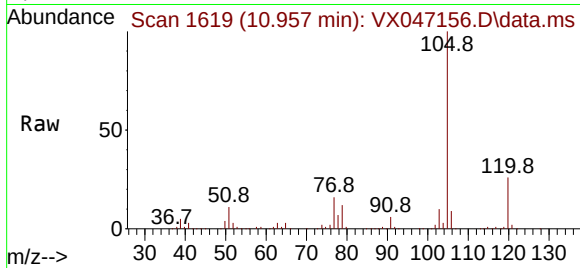




#73
Isopropylbenzene
Concen: 18.919 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

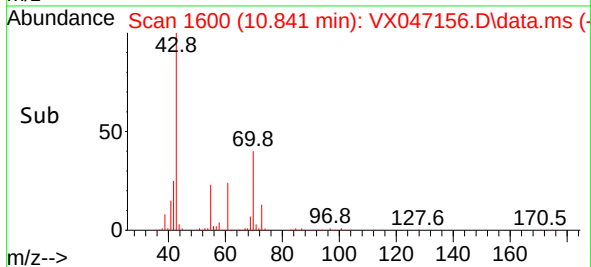
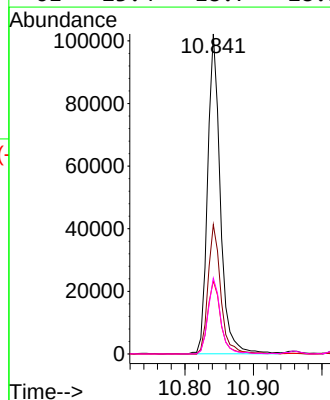
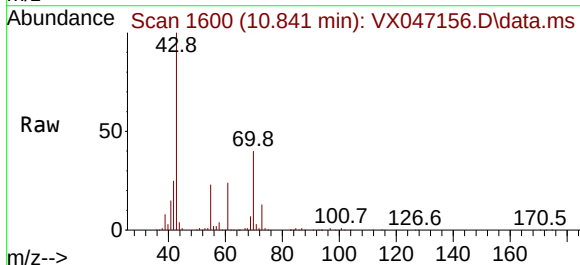
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

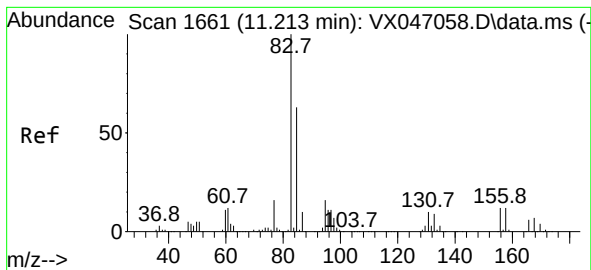
Tgt Ion:105 Resp: 333037
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 18.576 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 43 Resp: 131941
Ion Ratio Lower Upper
43 100
70 40.4 32.3 48.5
55 23.5 18.9 28.3
61 23.4 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.328 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

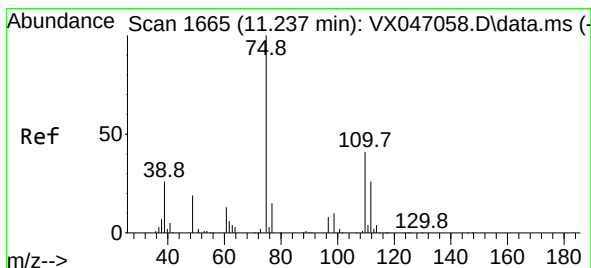
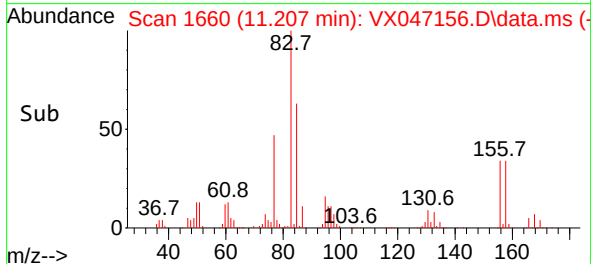
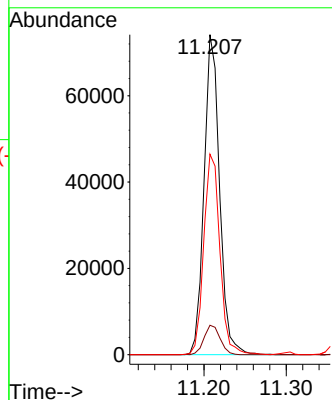
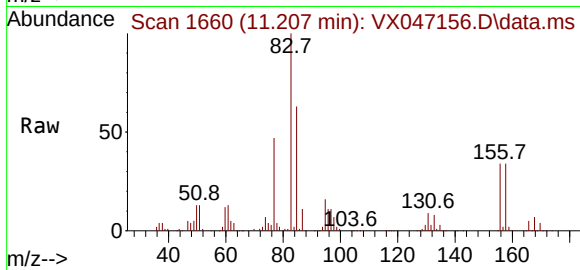
Tgt Ion: 83 Resp: 97190

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 23.824 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047156.D

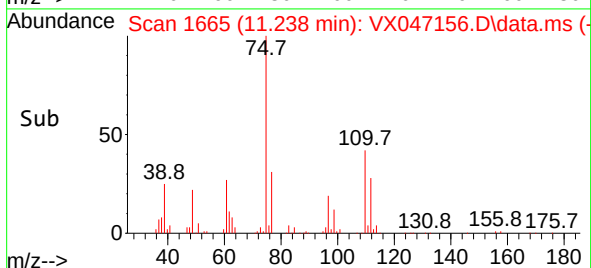
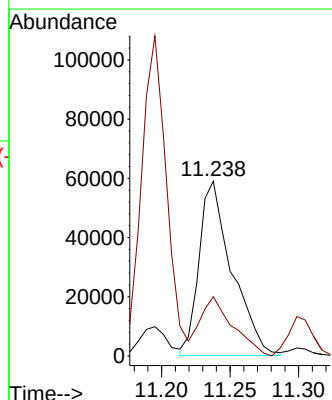
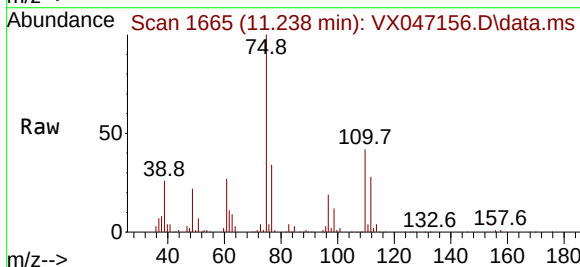
Acq: 28 Jul 2025 11:11

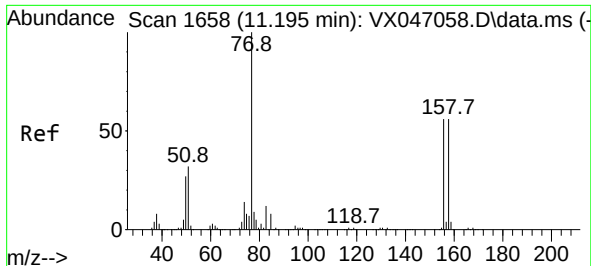
Tgt Ion: 75 Resp: 98394

Ion Ratio Lower Upper

75 100

77 33.6 21.6 65.0

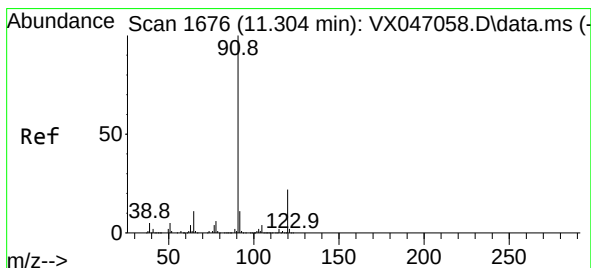
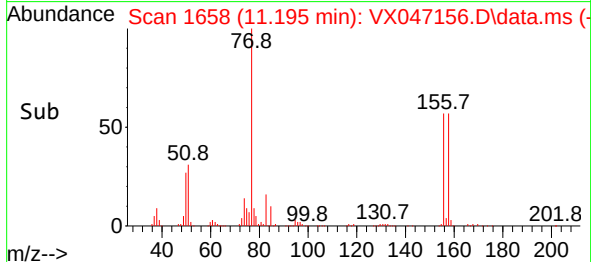
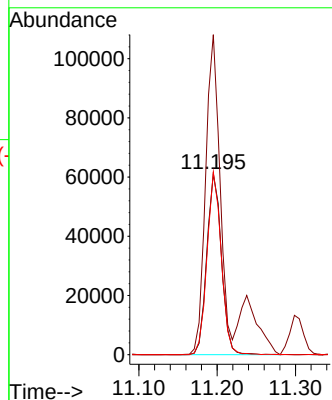
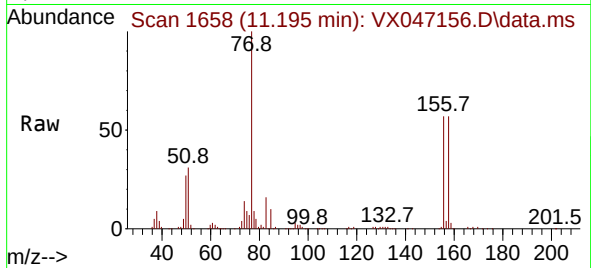




#77
Bromobenzene
Concen: 18.750 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

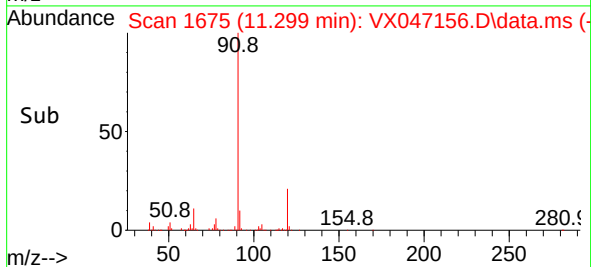
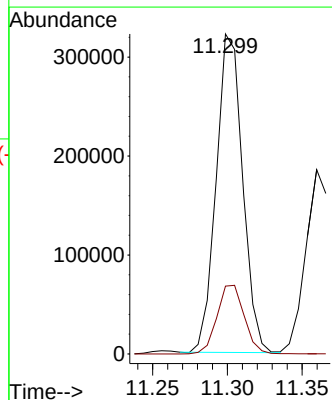
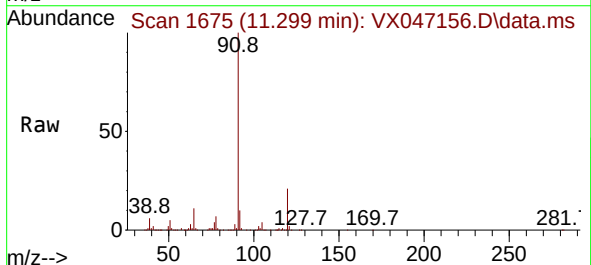
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

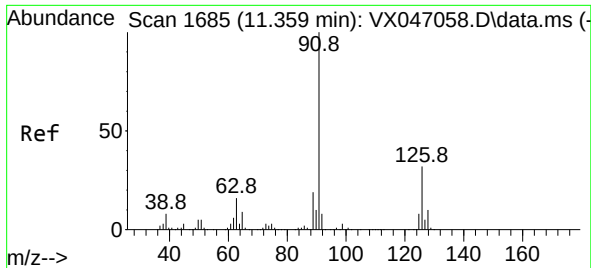
Tgt Ion:156 Resp: 79168
Ion Ratio Lower Upper
156 100
77 173.8 87.3 261.9
158 98.5 48.9 146.6



#78
n-propylbenzene
Concen: 18.826 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 91 Resp: 396034
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0

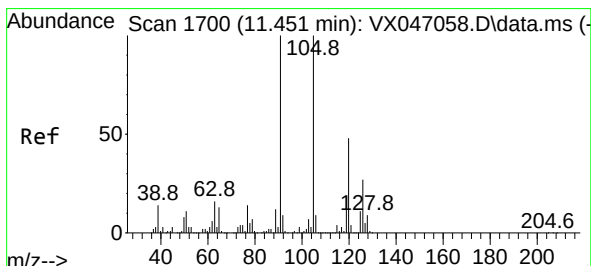
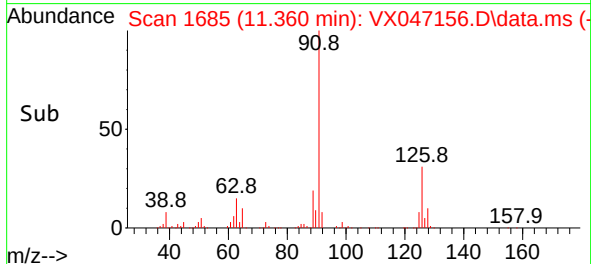
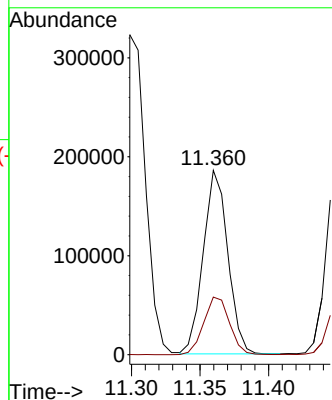
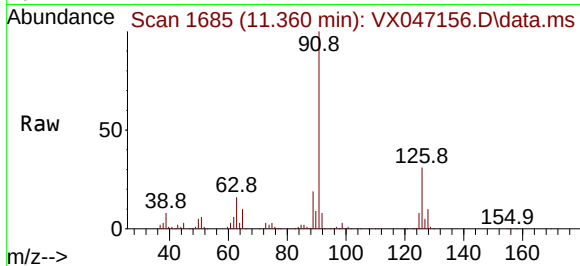




#79
2-Chlorotoluene
Concen: 18.395 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

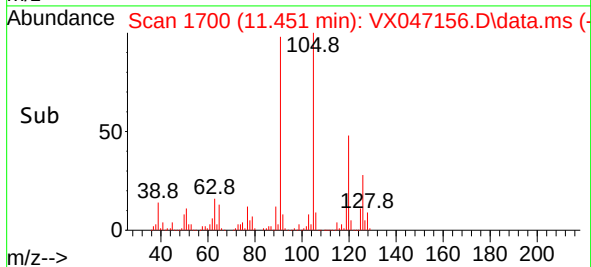
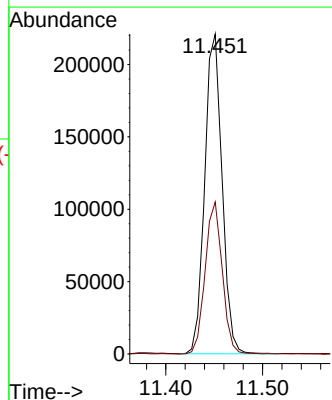
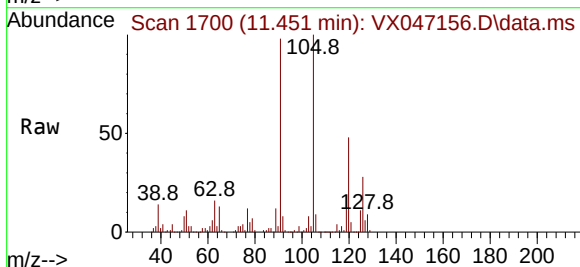
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

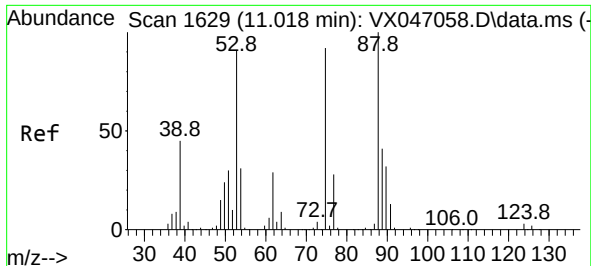
Tgt Ion: 91 Resp: 231316
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 19.009 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion:105 Resp: 276459
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5

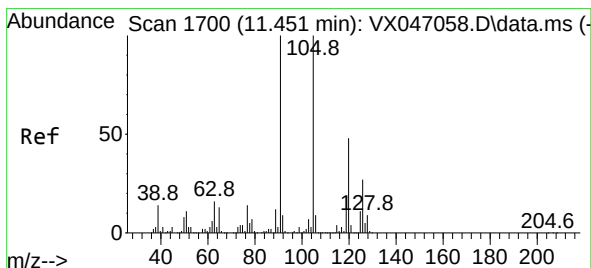
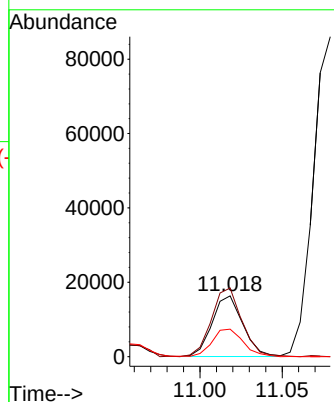
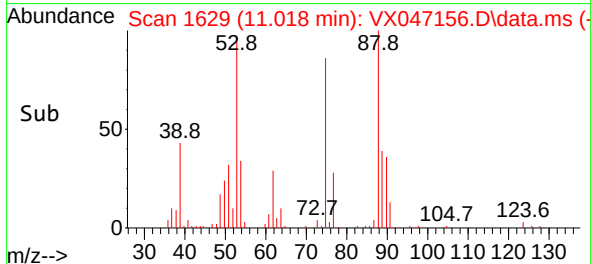
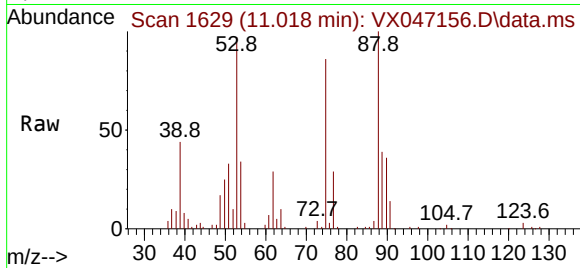




#81
trans-1,4-Dichloro-2-butene
Concen: 13.214 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

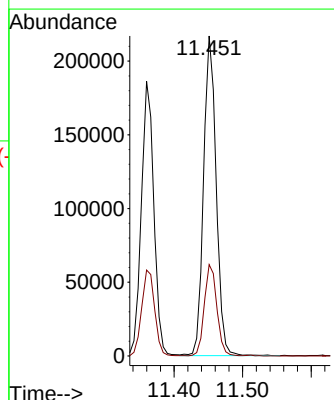
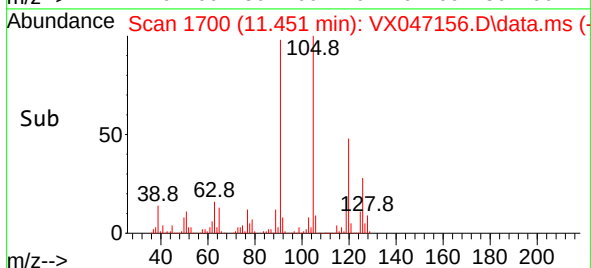
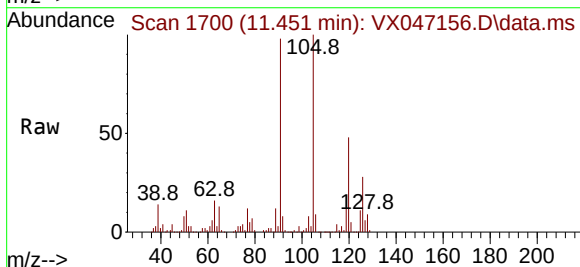
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBSD01

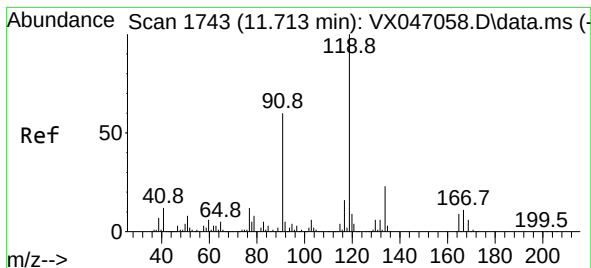
Tgt Ion: 75 Resp: 21183
Ion Ratio Lower Upper
75 100
53 112.6 84.2 126.4
89 46.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 18.959 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047156.D
Acq: 28 Jul 2025 11:11

Tgt Ion: 91 Resp: 278273
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83

tert-Butylbenzene

Concen: 19.208 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

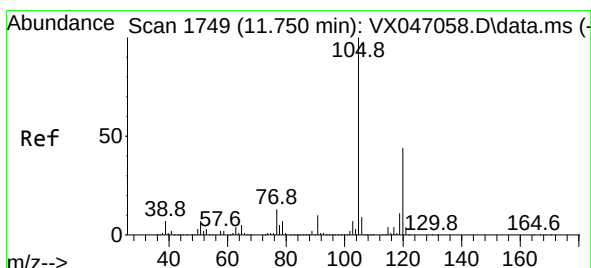
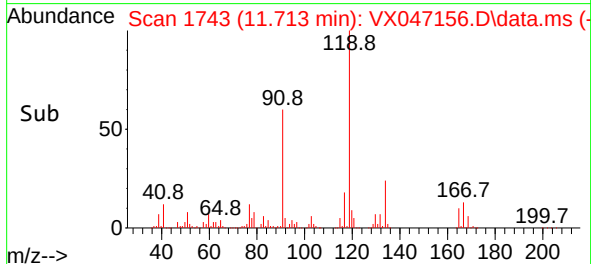
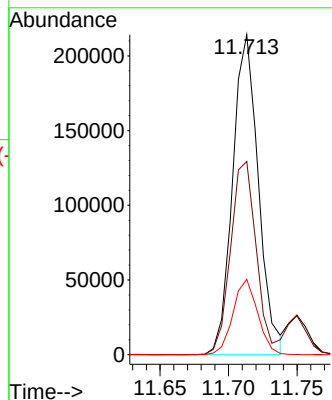
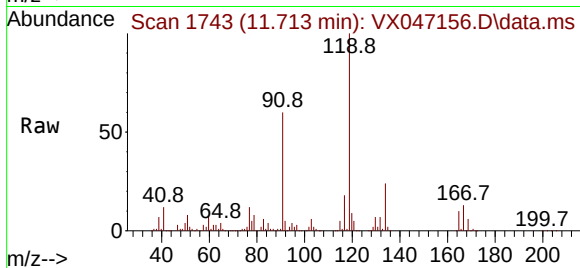
Tgt Ion:119 Resp: 280382

Ion Ratio Lower Upper

119 100

91 59.7 29.6 88.8

134 22.7 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 19.219 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047156.D

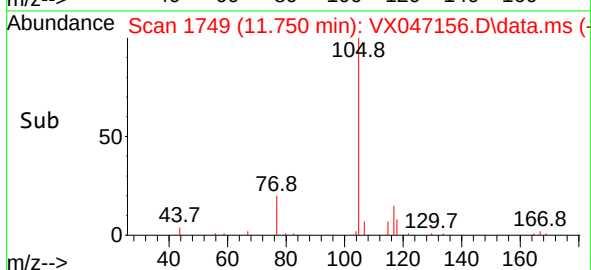
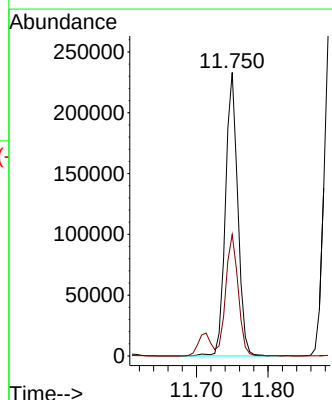
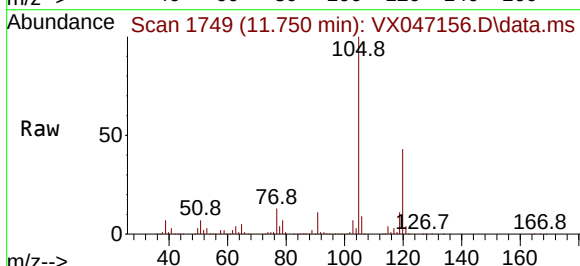
Acq: 28 Jul 2025 11:11

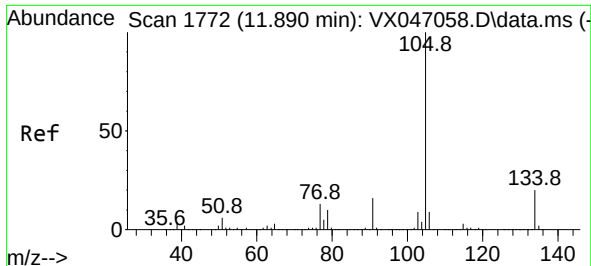
Tgt Ion:105 Resp: 278783

Ion Ratio Lower Upper

105 100

120 43.1 22.0 66.0

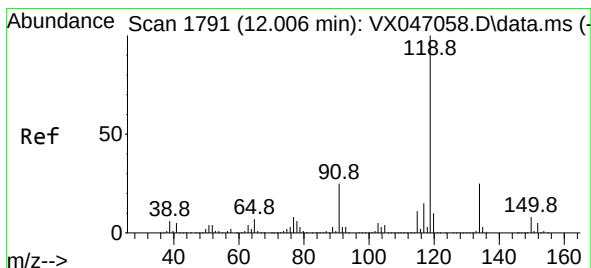
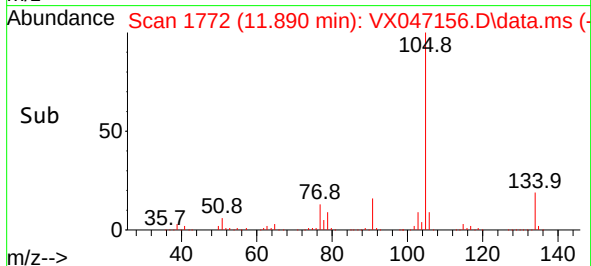
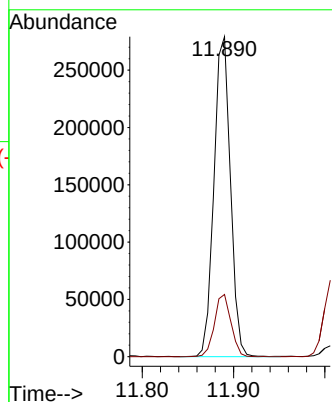
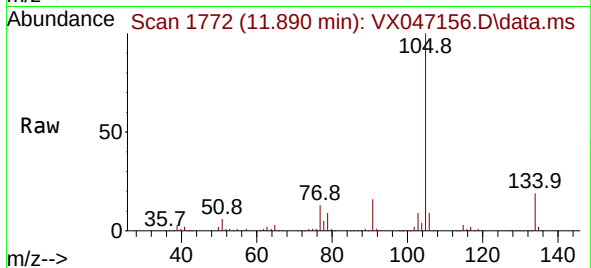




#85
 sec-Butylbenzene
 Concen: 19.145 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

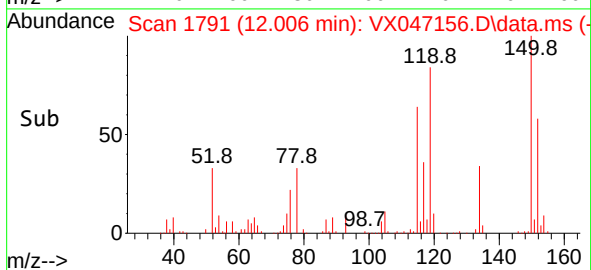
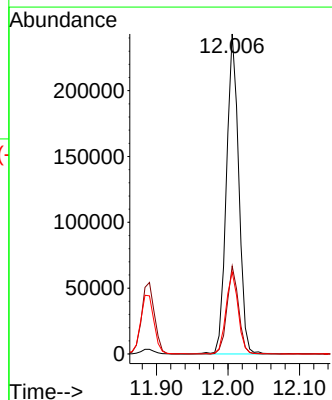
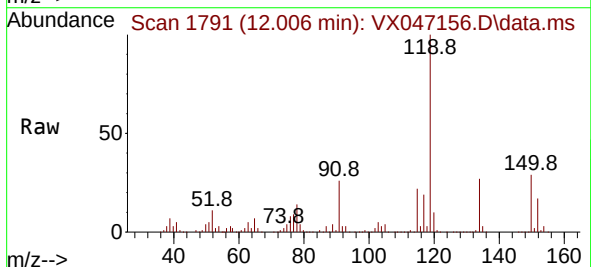
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

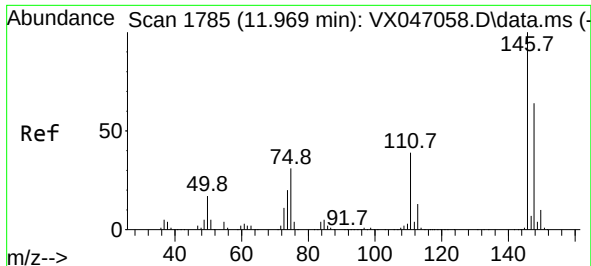
Tgt Ion:105 Resp: 349178
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.225 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

Tgt Ion:119 Resp: 290764
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.882 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

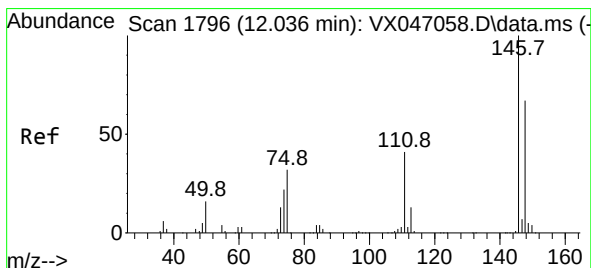
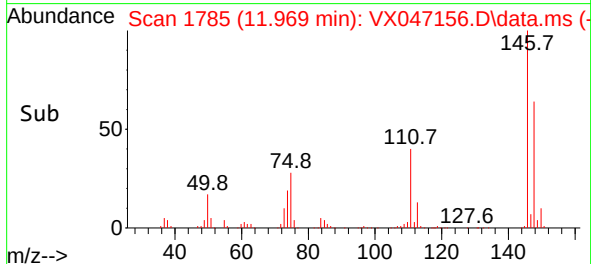
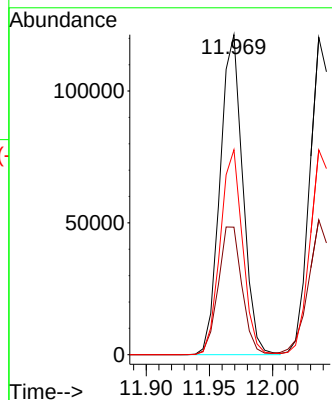
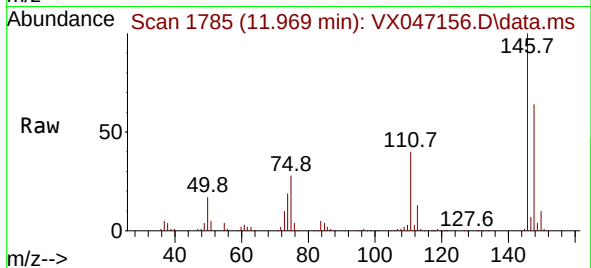
Tgt Ion:146 Resp: 151487

Ion Ratio Lower Upper

146 100

111 41.7 21.0 63.0

148 63.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.637 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

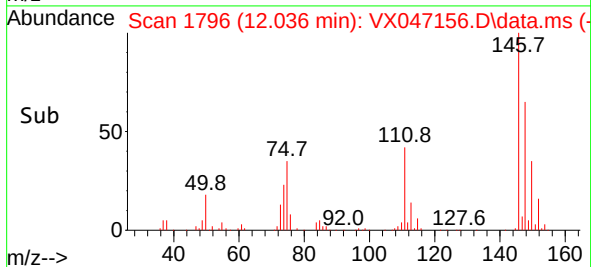
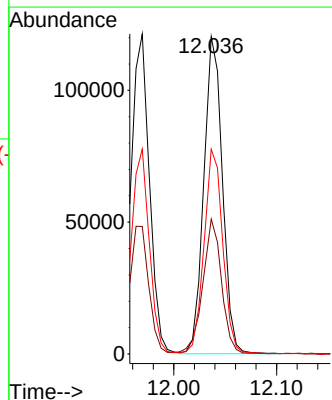
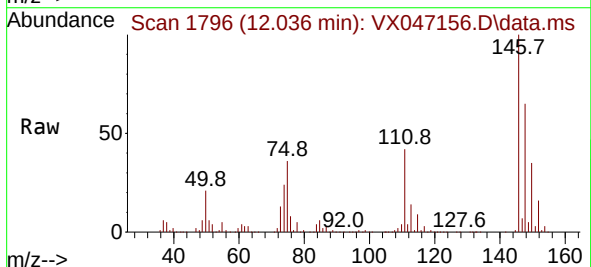
Tgt Ion:146 Resp: 151486

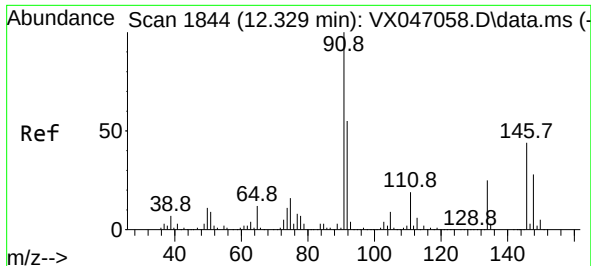
Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.9

148 65.0 33.0 98.9





#89

n-Butylbenzene

Concen: 19.367 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

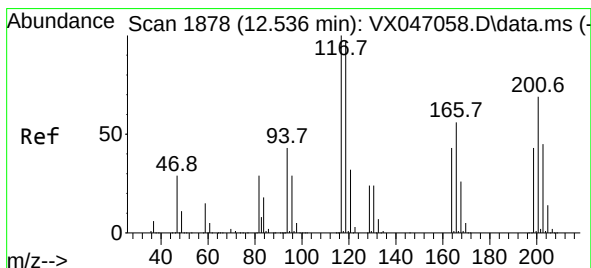
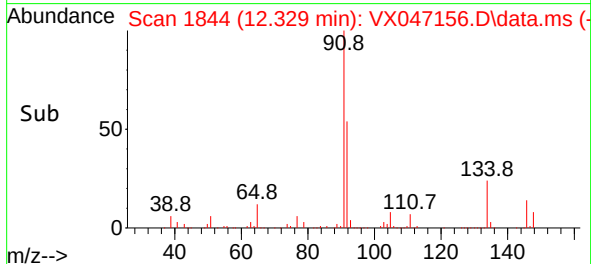
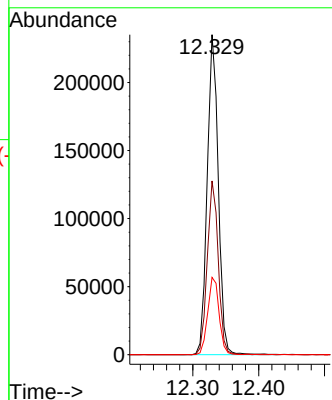
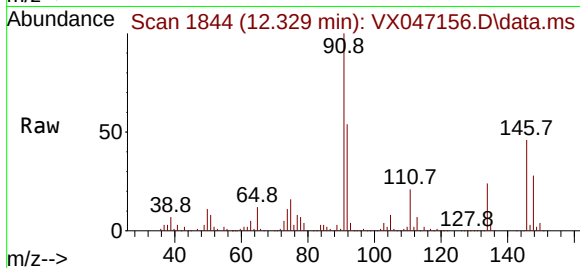
Tgt Ion: 91 Resp: 274703

Ion Ratio Lower Upper

91 100

92 53.9 27.5 82.5

134 24.9 12.8 38.3



#90

Hexachloroethane

Concen: 19.466 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047156.D

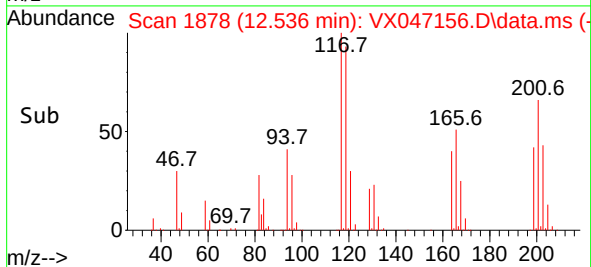
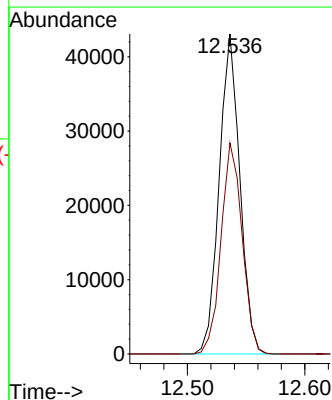
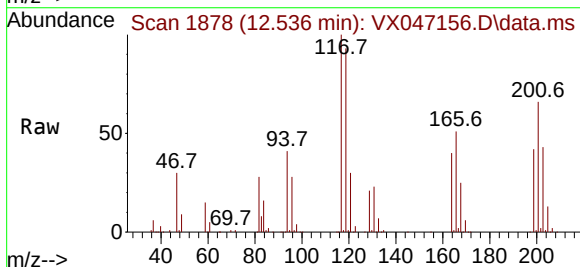
Acq: 28 Jul 2025 11:11

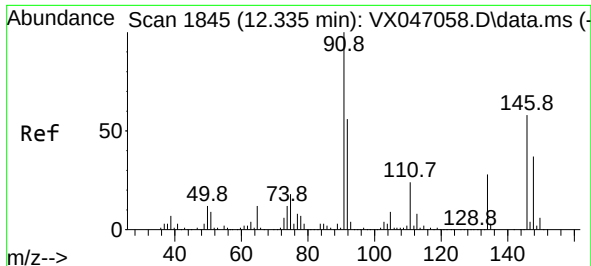
Tgt Ion: 117 Resp: 52669

Ion Ratio Lower Upper

117 100

201 67.4 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 18.642 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

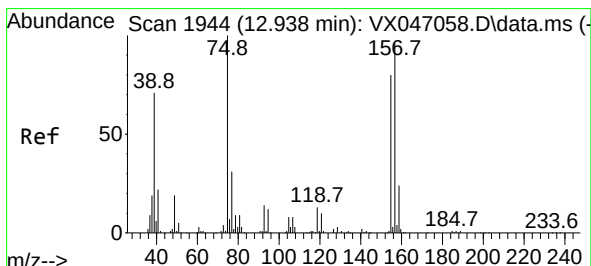
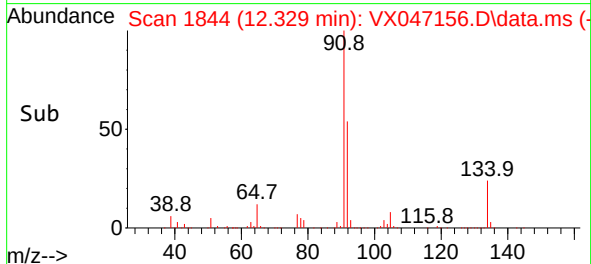
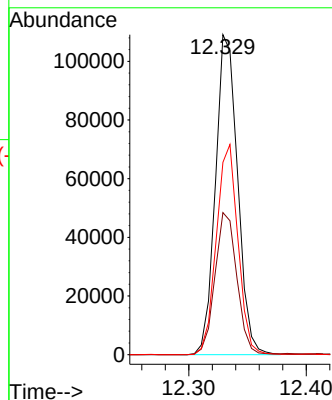
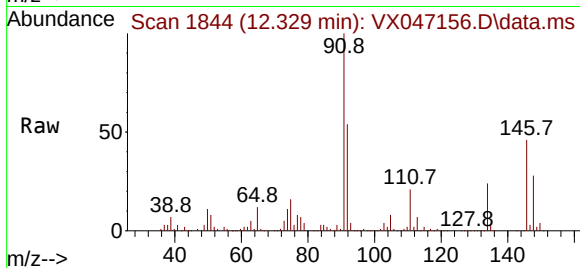
Tgt Ion:146 Resp: 142943

Ion Ratio Lower Upper

146 100

111 44.2 21.6 64.6

148 64.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.364 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

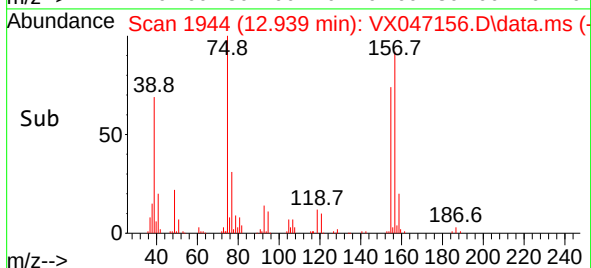
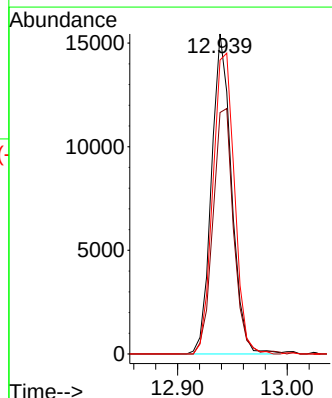
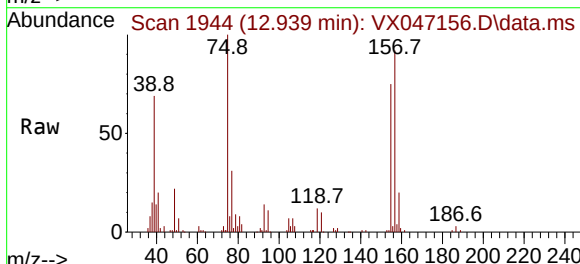
Tgt Ion: 75 Resp: 19656

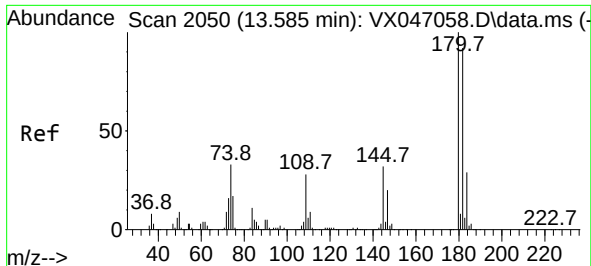
Ion Ratio Lower Upper

75 100

155 79.4 41.3 124.1

157 101.2 52.8 158.3

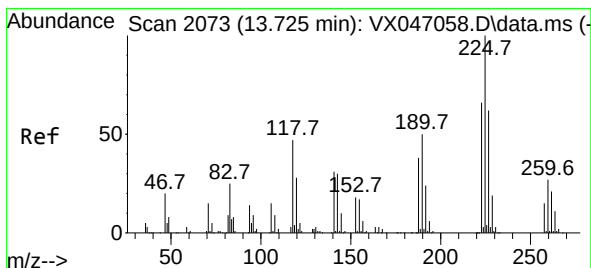
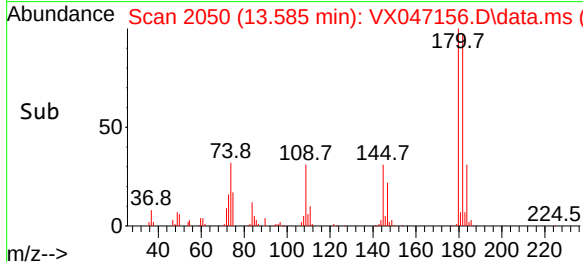
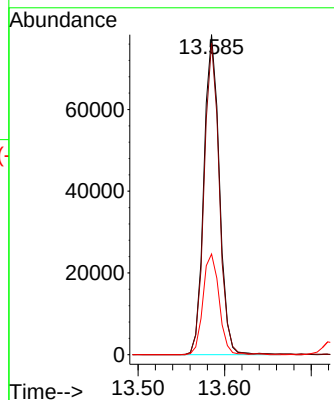
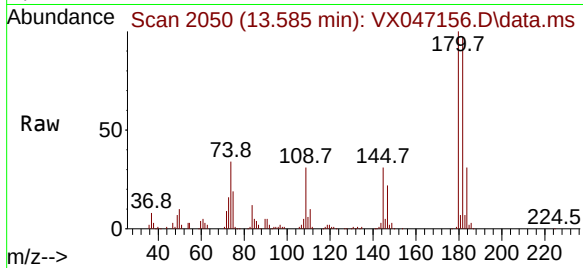




#93
 1,2,4-Trichlorobenzene
 Concen: 19.192 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

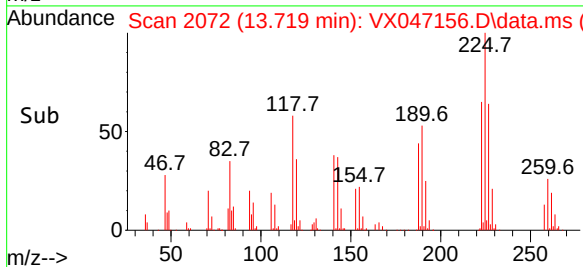
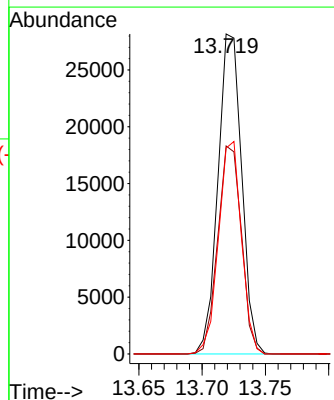
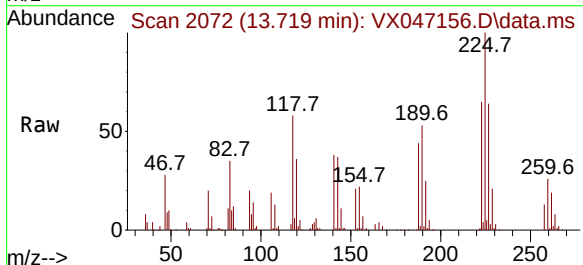
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBSD01

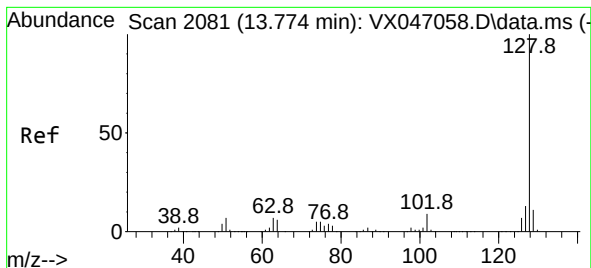
Tgt Ion:180 Resp: 97227
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.8
 145 32.6 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 21.327 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX047156.D
 Acq: 28 Jul 2025 11:11

Tgt Ion:225 Resp: 36745
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.6 95.0
 227 64.0 32.9 98.6





#95

Naphthalene

Concen: 19.742 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBSD01

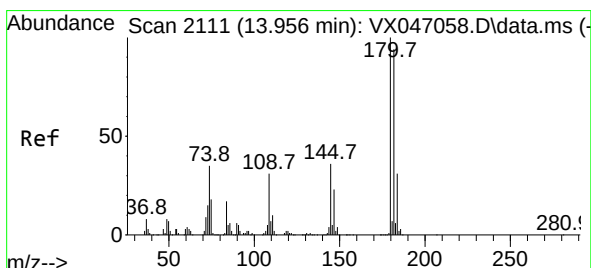
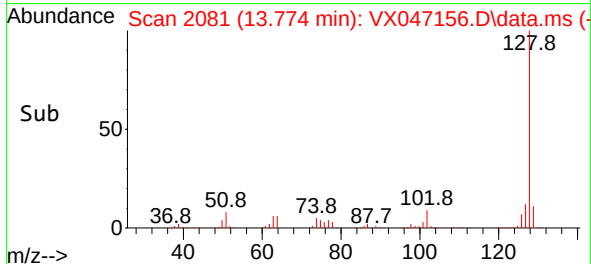
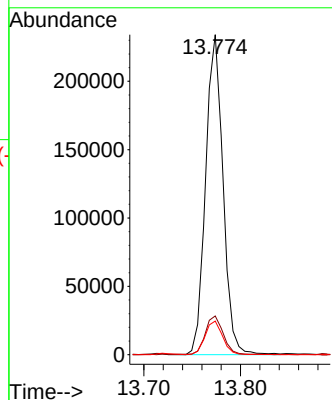
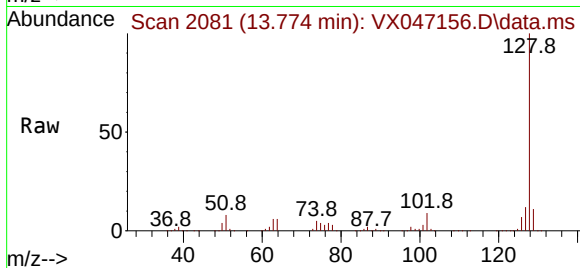
Tgt Ion:128 Resp: 293199

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.047 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047156.D

Acq: 28 Jul 2025 11:11

Tgt Ion:180 Resp: 92962

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.6

145 34.9 17.3 52.0

