

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046860.D
 Acq On : 02 Jul 2025 12:11
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 03 05:29:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	372069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	571866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	290571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.983	65	5854	1.191	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.380%#
35) Dibromofluoromethane	5.403	113	4665	1.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.200%#
50) Toluene-d8	8.653	98	17288	1.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.320%#
62) 4-Bromofluorobenzene	11.085	95	8708	1.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	3.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	3309	0.930	ug/l	89
3) Chloromethane	1.307	50	3761	0.967	ug/l	89
4) Vinyl Chloride	1.386	62	4227	0.998	ug/l	99
5) Bromomethane	1.624	94	3708	1.363	ug/l #	79
6) Chloroethane	1.703	64	3296	1.179	ug/l	94
7) Trichlorofluoromethane	1.910	101	6304	0.963	ug/l	88
8) Diethyl Ether	2.148	74	2346	1.007	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	3923	0.940	ug/l	93
10) Methyl Iodide	2.465	142	3741	0.823	ug/l	98
11) Tert butyl alcohol	2.965	59	1438	4.461	ug/l #	72
12) 1,1-Dichloroethene	2.337	96	4037	1.001	ug/l	90
13) Acrolein	2.252	56	2587	10.015	ug/l	96
14) Allyl chloride	2.678	41	7259	1.011	ug/l	96
15) Acrylonitrile	3.081	53	9213	4.923	ug/l #	92
16) Acetone	2.386	43	8778	5.749	ug/l	89
17) Carbon Disulfide	2.532	76	11797	1.115	ug/l #	88
18) Methyl Acetate	2.715	43	3632	0.903	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	10768	0.945	ug/l	96
20) Methylene Chloride	2.800	84	4636	1.027	ug/l #	91
21) trans-1,2-Dichloroethene	3.111	96	4109	0.995	ug/l	92
22) Diisopropyl ether	3.776	45	12396	0.893	ug/l #	56
23) Vinyl Acetate	3.739	43	46702	4.492	ug/l	97
24) 1,1-Dichloroethane	3.623	63	8033	1.015	ug/l	98
25) 2-Butanone	4.599	43	8749	4.295	ug/l #	54
26) 2,2-Dichloropropane	4.483	77	6192	1.051	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	5289	1.049	ug/l	98
28) Bromochloromethane	4.910	49	3938	1.008	ug/l #	95
29) Tetrahydrofuran	5.025	42	6512	5.015	ug/l #	62
30) Chloroform	5.111	83	8561	1.059	ug/l #	80
31) Cyclohexane	5.483	56	7238	1.030	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	7025	1.040	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	6211	1.089	ug/l	91
37) Ethyl Acetate	4.715	43	1094	0.225	ug/l #	70
38) Carbon Tetrachloride	5.690	117	4604	0.754	ug/l	91
39) Methylcyclohexane	7.385	83	6714	0.941	ug/l	86
40) Benzene	6.050	78	17315	1.004	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	1678	0.648	ug/l	91
42) 1,2-Dichloroethane	6.104	62	6218	1.062	ug/l	88
43) Isopropyl Acetate	6.354	43	6331	0.851	ug/l #	79
44) Trichloroethene	7.135	130	4807	1.071	ug/l	94
45) 1,2-Dichloropropane	7.446	63	4536	1.041	ug/l #	77
46) Dibromomethane	7.592	93	3072	1.018	ug/l	96
47) Bromodichloromethane	7.830	83	6705	1.040	ug/l	91
48) Methyl methacrylate	7.714	41	3198	0.833	ug/l #	54
49) 1,4-Dioxane	7.683	88	640	14.381	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	20561	4.684	ug/l	97
52) Toluene	8.726	92	10648	0.996	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	5080	0.883	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	6171	0.940	ug/l #	47
55) 1,1,2-Trichloroethane	9.159	97	4046	1.016	ug/l #	84
56) Ethyl methacrylate	9.122	69	4850	0.880	ug/l	95
57) 1,3-Dichloropropane	9.311	76	7057	1.030	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.250	63	13509	4.352	ug/l	100
59) 2-Hexanone	9.439	43	12742	4.376	ug/l	94
60) Dibromochloromethane	9.519	129	4772	1.002	ug/l	95
61) 1,2-Dibromoethane	9.610	107	4026	1.007	ug/l	100
64) Tetrachloroethene	9.275	164	4039	1.061	ug/l #	86
65) Chlorobenzene	10.079	112	12712	1.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4188	1.008	ug/l #	65
67) Ethyl Benzene	10.195	91	20707	0.978	ug/l	96
68) m/p-Xylenes	10.305	106	16047	2.011	ug/l	91
69) o-Xylene	10.640	106	7726	1.002	ug/l	95
70) Styrene	10.659	104	12236	0.928	ug/l	98
71) Bromoform	10.805	173	3071	0.994	ug/l #	97
73) Isopropylbenzene	10.963	105	18985	0.929	ug/l	100
74) N-amyl acetate	10.848	43	5537	0.798	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	5809	1.034	ug/l	94
76) 1,2,3-Trichloropropane	11.018	75	1382	0.308	ug/l	98
77) Bromobenzene	11.201	156	5045	0.992	ug/l	96
78) n-propylbenzene	11.305	91	23522	0.955	ug/l	98
79) 2-Chlorotoluene	11.366	91	14185	0.975	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14958	0.901	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1382	0.826	ug/l #	80
82) 4-Chlorotoluene	11.457	91	16012	0.954	ug/l	97
83) tert-Butylbenzene	11.713	119	15883	0.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	15197	0.906	ug/l	96
85) sec-Butylbenzene	11.890	105	20193	0.934	ug/l	99
86) p-Isopropyltoluene	12.006	119	17131	0.946	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	9388	0.987	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	9388	0.948	ug/l	98
89) n-Butylbenzene	12.335	91	15963	0.939	ug/l	99
90) Hexachloroethane	12.536	117	3079	0.960	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	9448	1.025	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	920	0.937	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	5904	0.942	ug/l	98
94) Hexachlorobutadiene	13.725	225	2281	0.966	ug/l	87
95) Naphthalene	13.780	128	12846	0.778	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5231	0.884	ug/l	95

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ALS Vial : 2 Sample Multiplier: 1

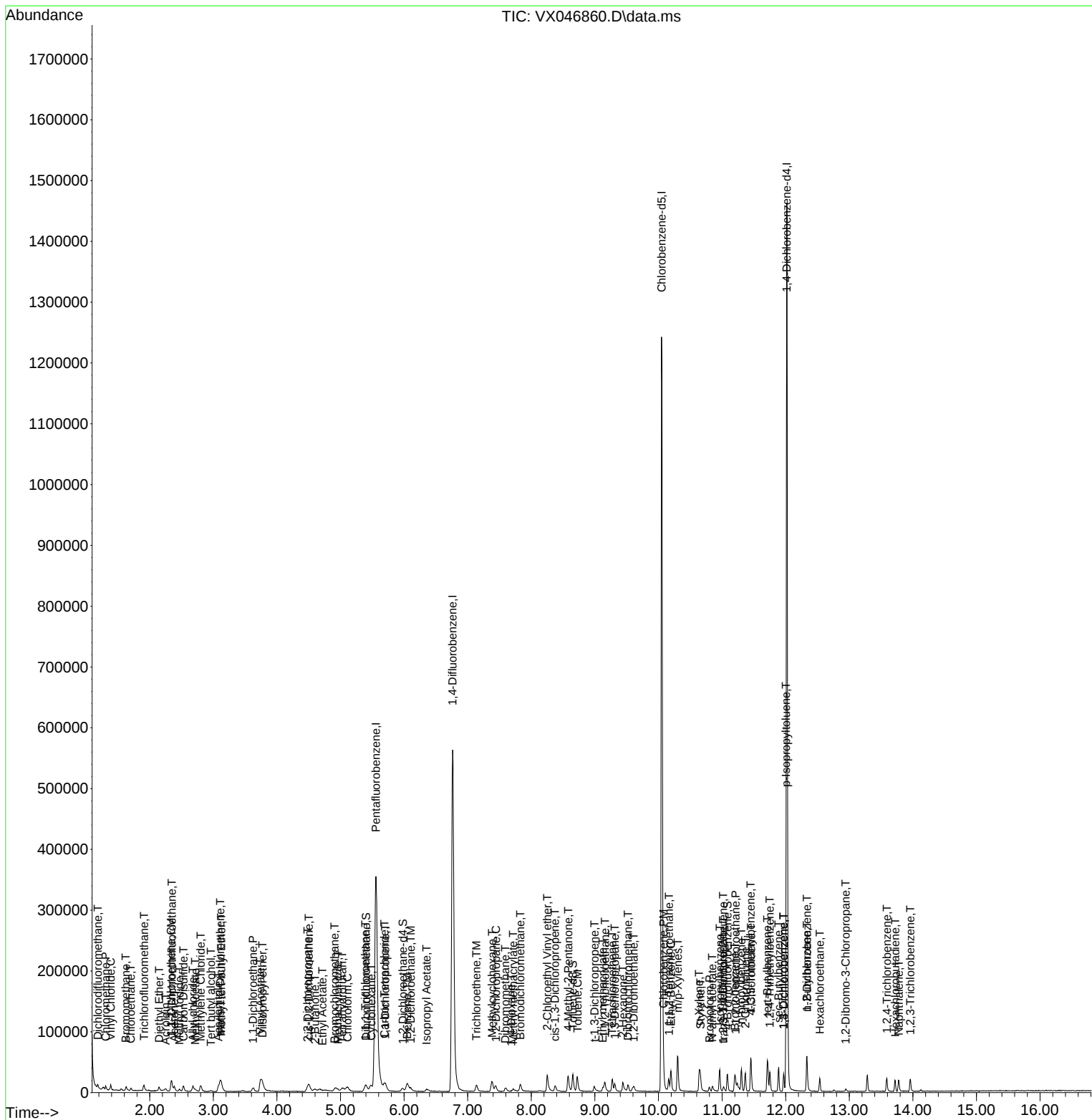
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

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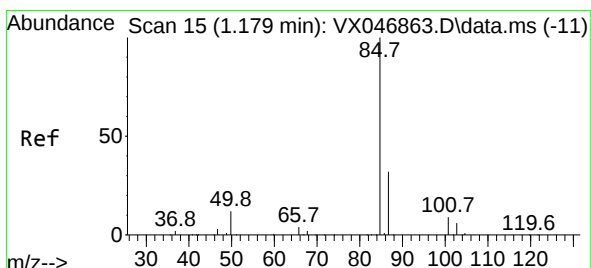
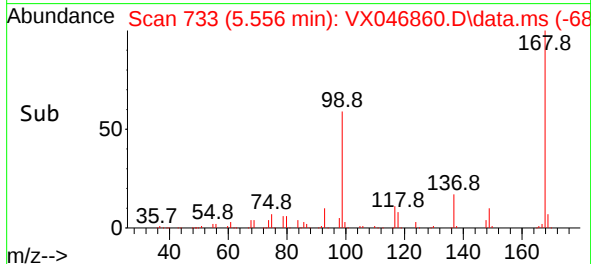
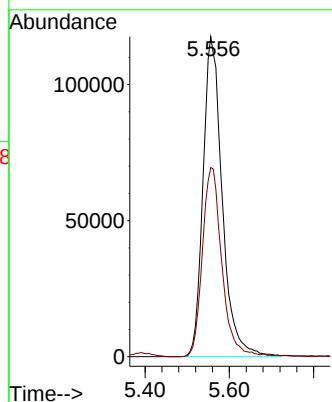
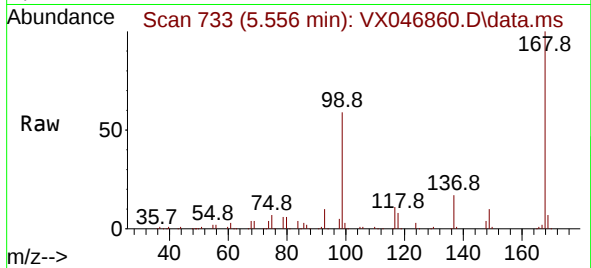




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046860.D
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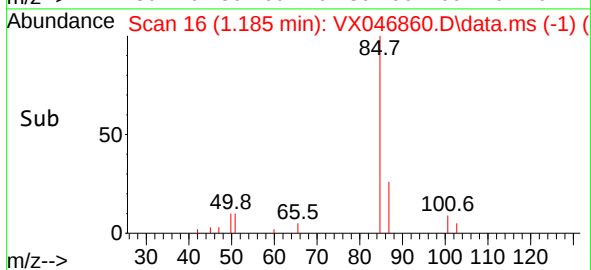
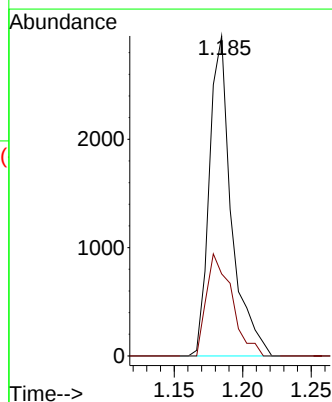
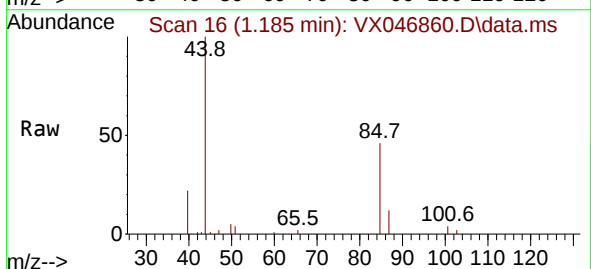
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ClientSampleId :
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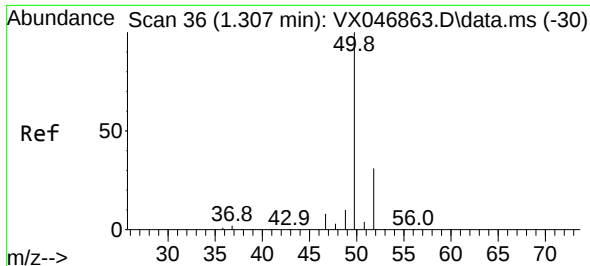
Tgt Ion:168 Resp: 372069
Ion Ratio Lower Upper
168 100
99 59.1 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.930 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 85 Resp: 3309
Ion Ratio Lower Upper
85 100
87 25.7 16.0 47.9

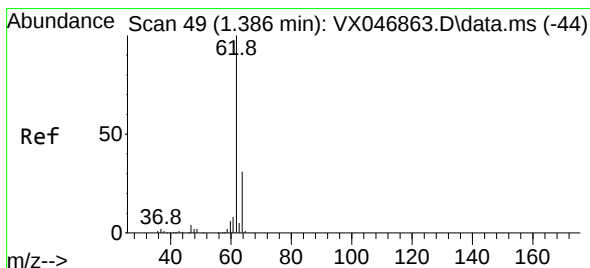
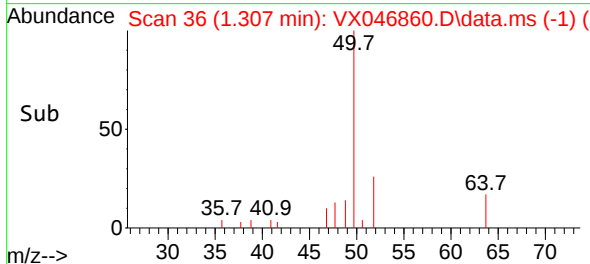
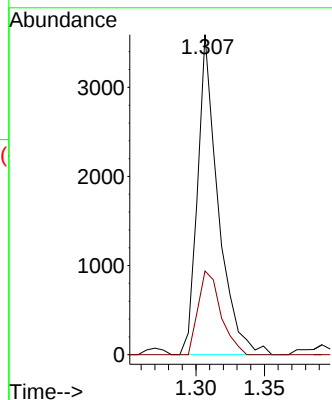
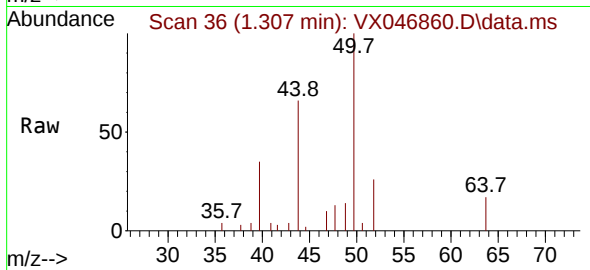




#3
Chloromethane
Concen: 0.967 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

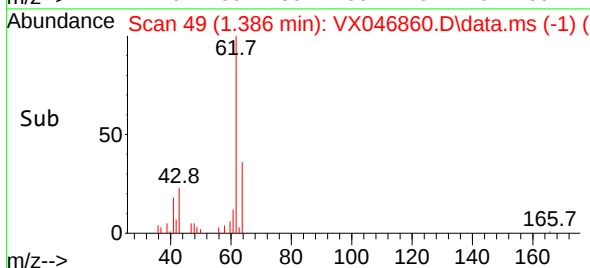
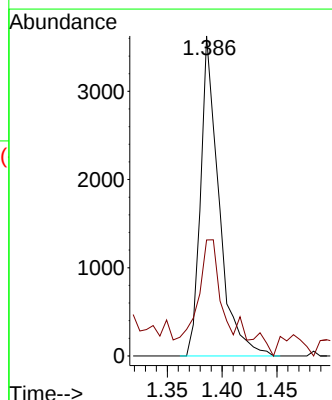
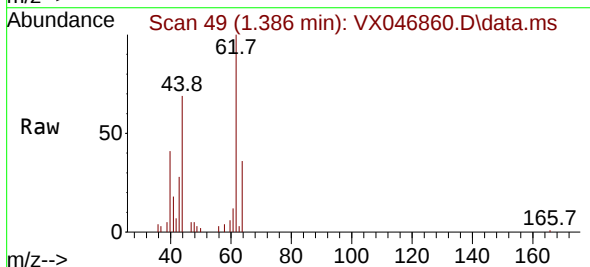
Instrument :
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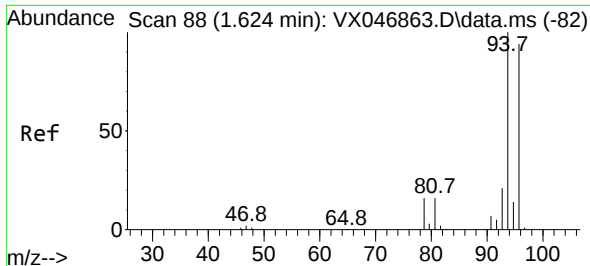
Tgt Ion: 50 Resp: 3761
Ion Ratio Lower Upper
50 100
52 25.2 25.0 37.4



#4
Vinyl Chloride
Concen: 0.998 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 62 Resp: 4227
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4

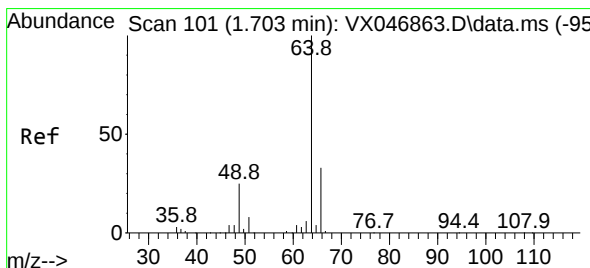
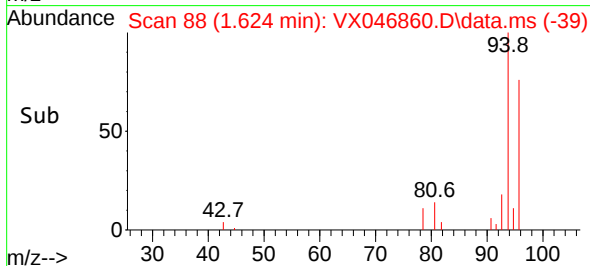
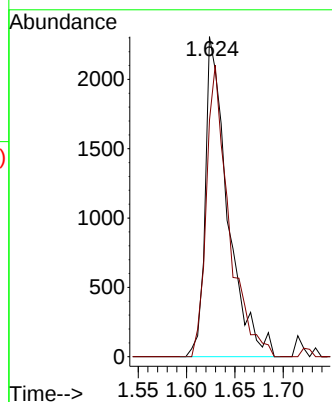
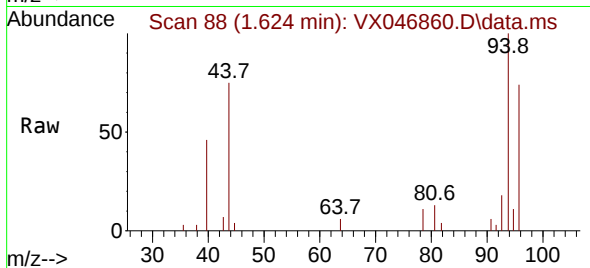




#5
Bromomethane
Concen: 1.363 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

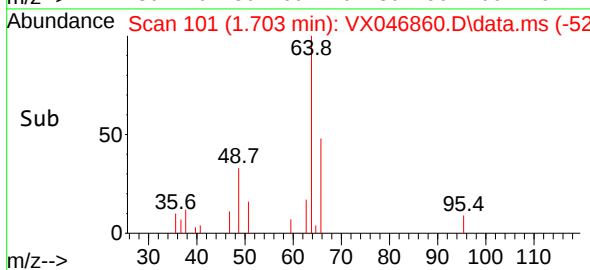
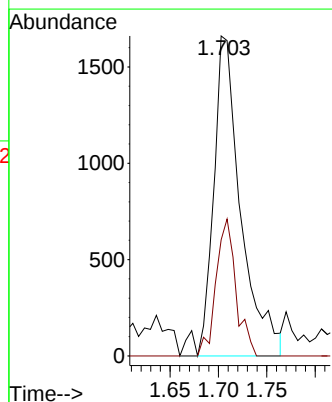
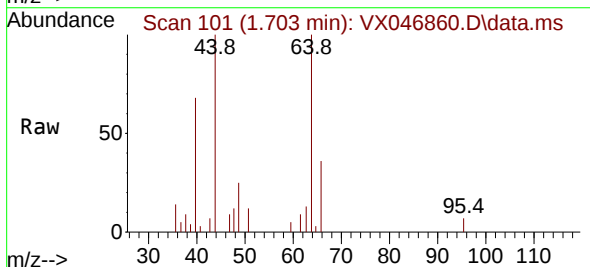
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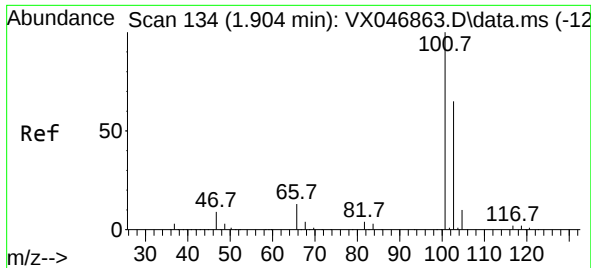
Tgt Ion: 94 Resp: 3708
Ion Ratio Lower Upper
94 100
96 73.9 75.5 113.3#



#6
Chloroethane
Concen: 1.179 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 64 Resp: 3296
Ion Ratio Lower Upper
64 100
66 36.3 26.4 39.6

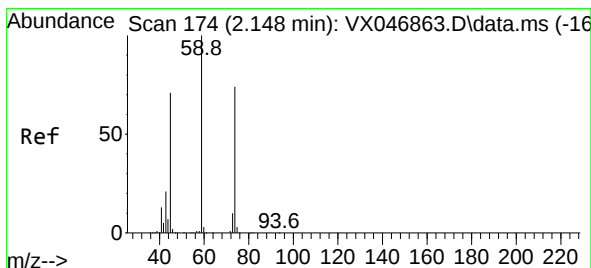
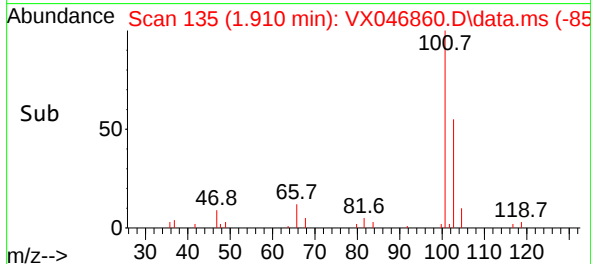
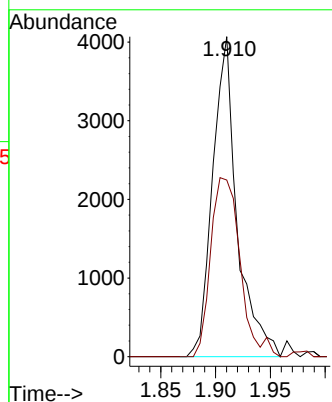
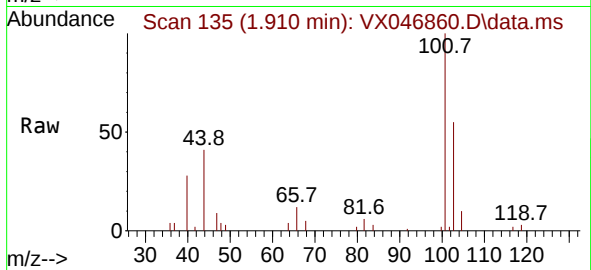




#7
Trichlorofluoromethane
Concen: 0.963 ug/l
RT: 1.910 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

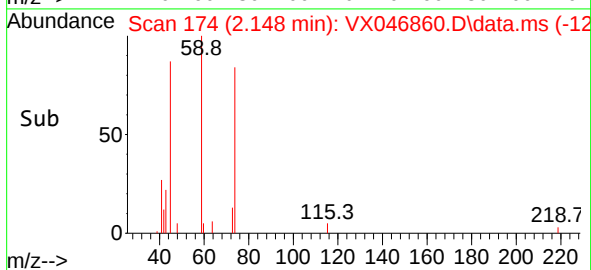
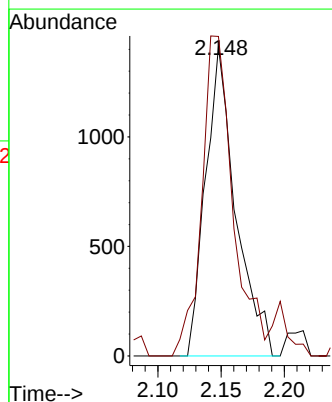
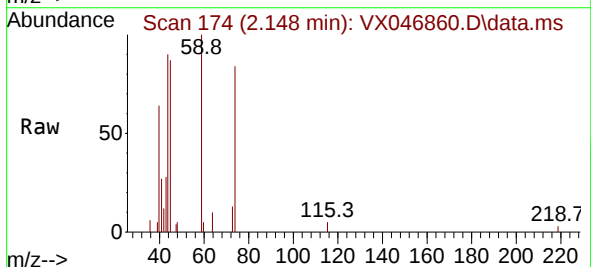
Instrument :
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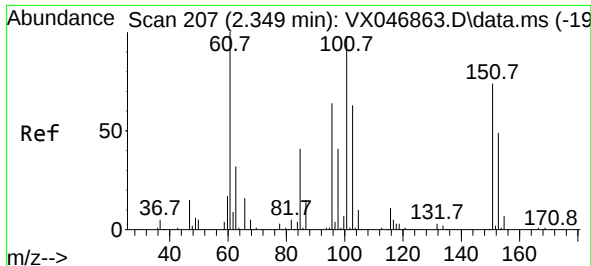
Tgt Ion:101 Resp: 6304
Ion Ratio Lower Upper
101 100
103 55.2 51.9 77.9



#8
Diethyl Ether
Concen: 1.007 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 74 Resp: 2346
Ion Ratio Lower Upper
74 100
45 107.3 50.7 152.1

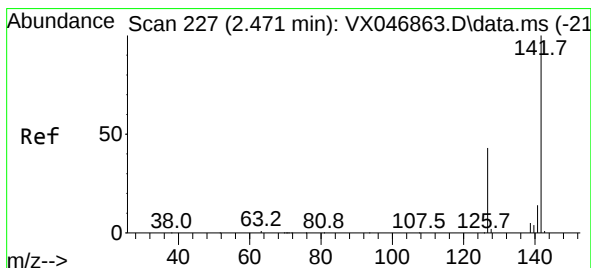
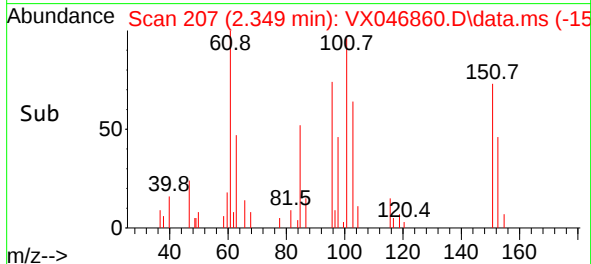
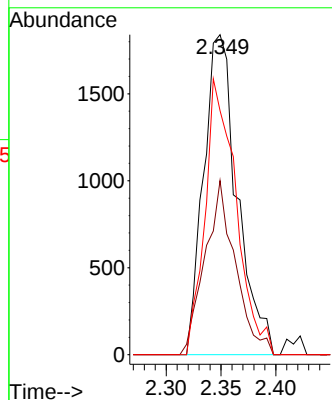
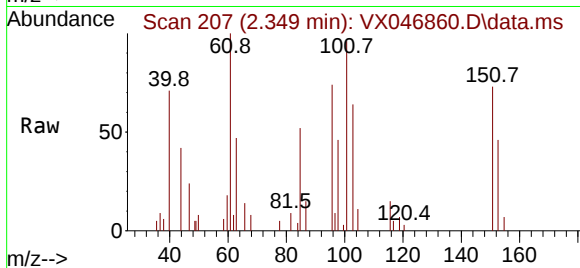




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.940 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046860.D
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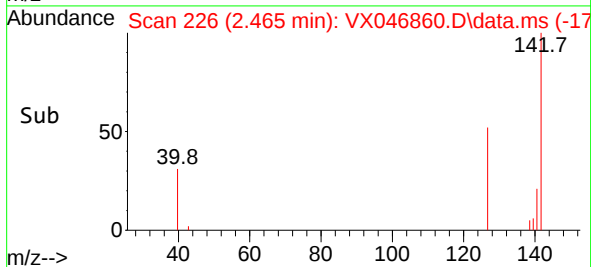
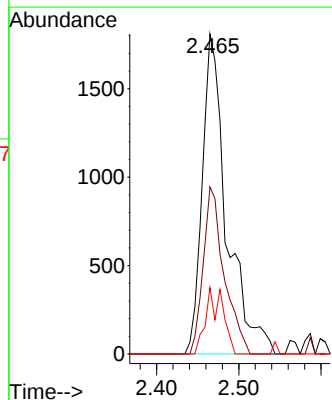
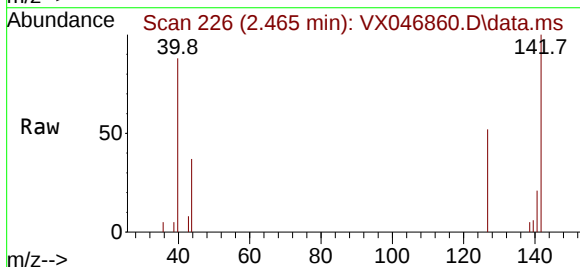
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

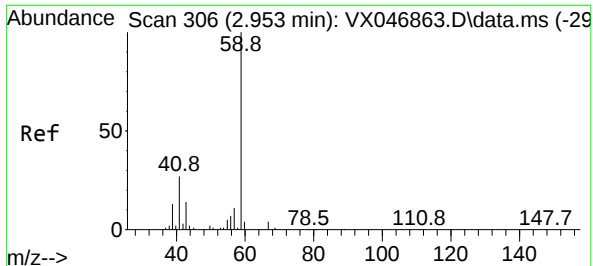
Tgt Ion:101 Resp: 3923
Ion Ratio Lower Upper
101 100
85 49.2 34.3 51.5
151 79.7 59.9 89.9



#10
Methyl Iodide
Concen: 0.823 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:142 Resp: 3741
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.5 11.1 16.7

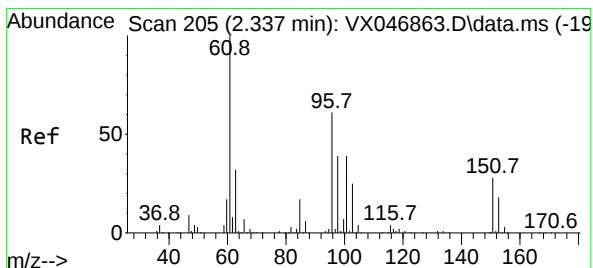
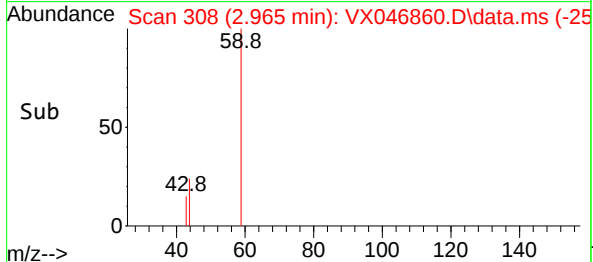
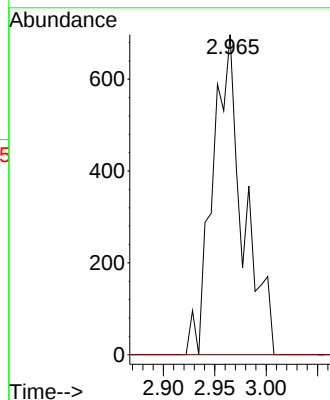
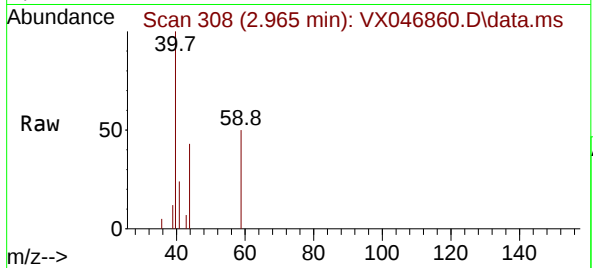




#11
Tert butyl alcohol
Concen: 4.461 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

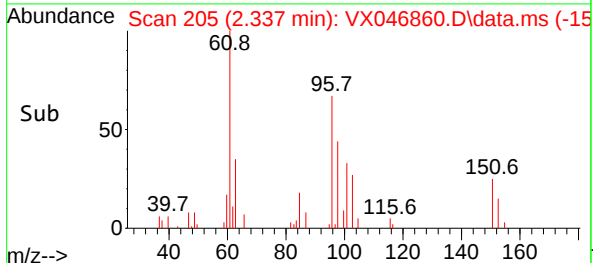
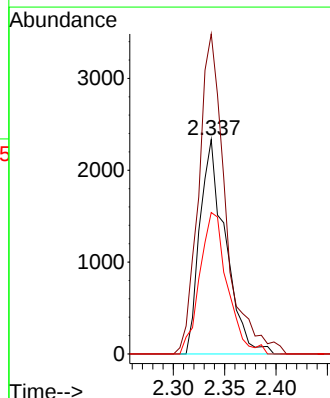
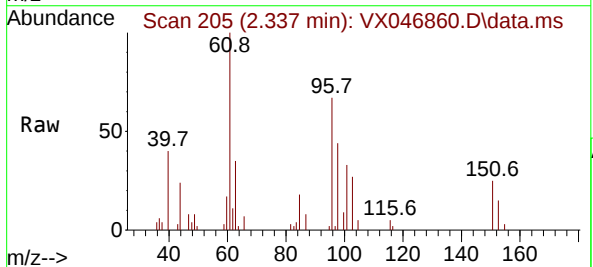
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

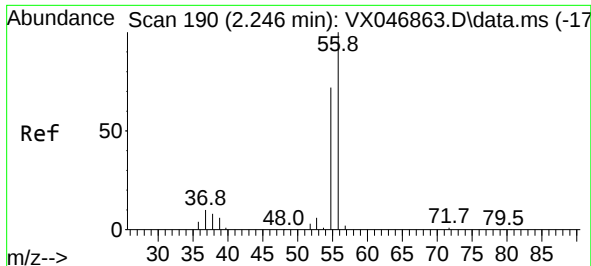
Tgt Ion: 59 Resp: 1438
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.001 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 96 Resp: 4037
Ion Ratio Lower Upper
96 100
61 146.3 130.2 195.4
98 66.0 51.3 76.9





#13

Acrolein

Concen: 10.015 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

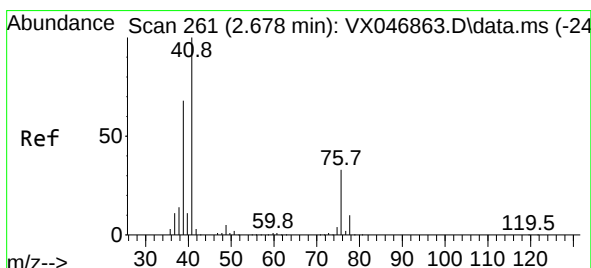
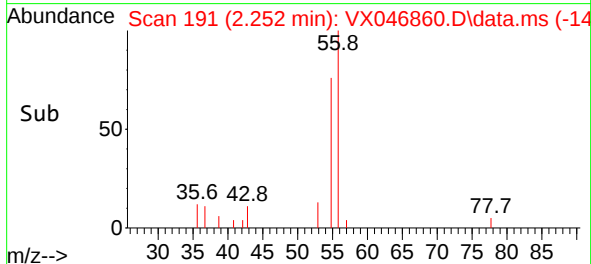
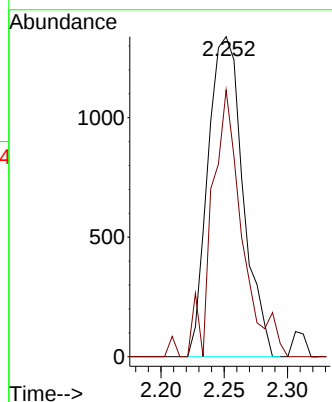
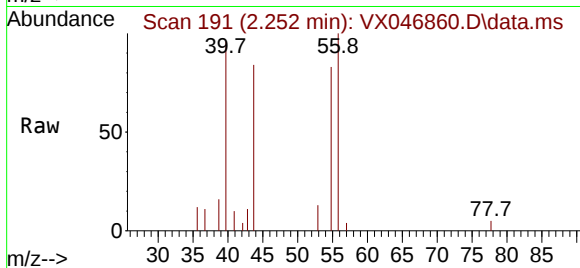
VSTDIC001

Tgt Ion: 56 Resp: 2587

Ion Ratio Lower Upper

56 100

55 72.5 55.5 83.3



#14

Allyl chloride

Concen: 1.011 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.000 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

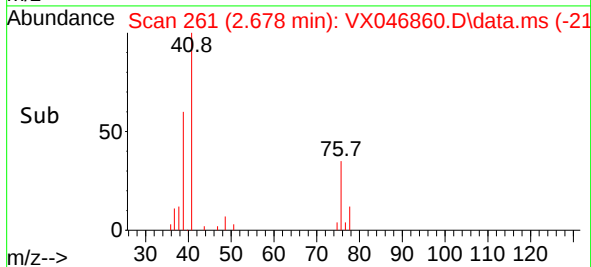
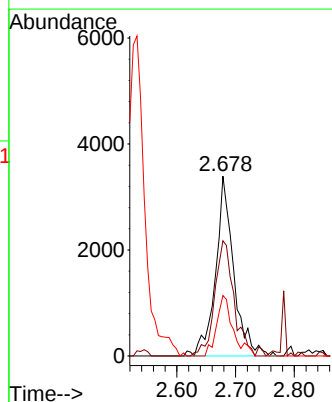
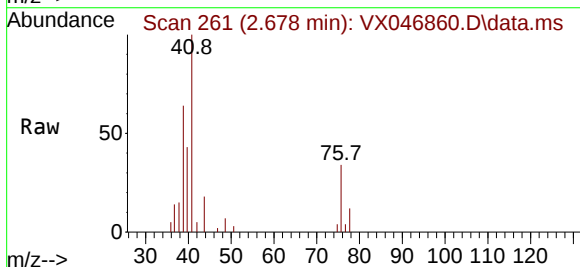
Tgt Ion: 41 Resp: 7259

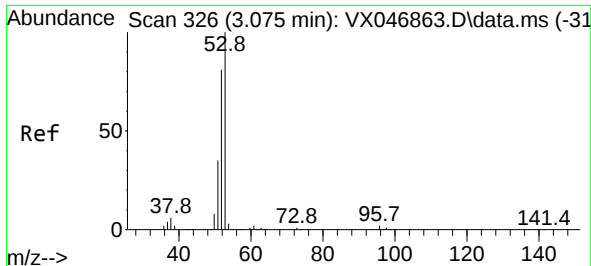
Ion Ratio Lower Upper

41 100

39 67.6 52.0 78.0

76 30.3 26.2 39.2

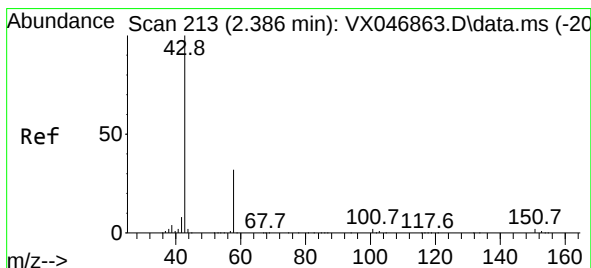
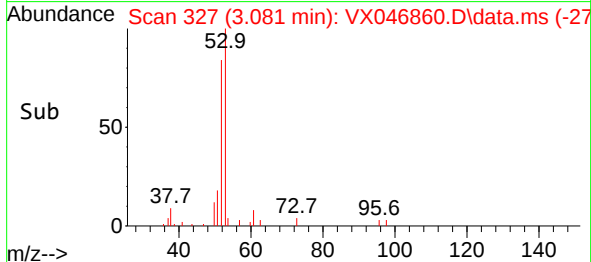
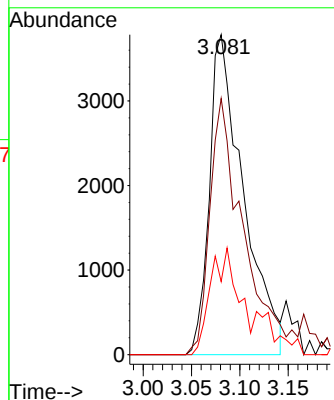
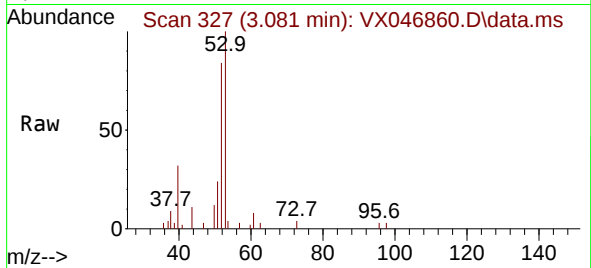




#15
Acrylonitrile
Concen: 4.923 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

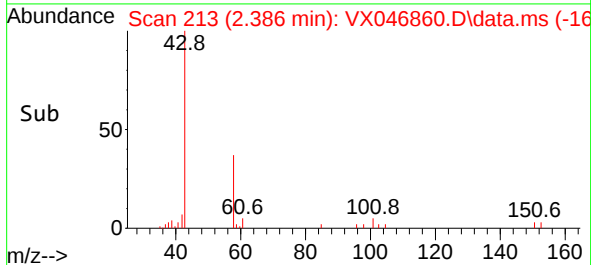
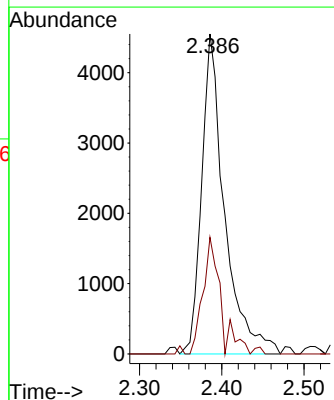
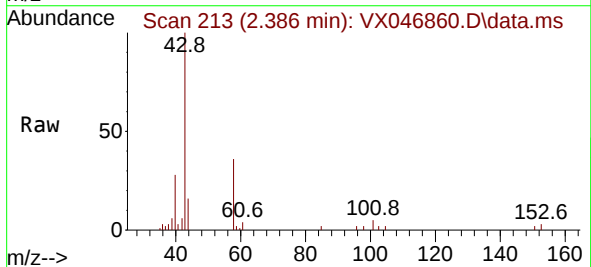
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

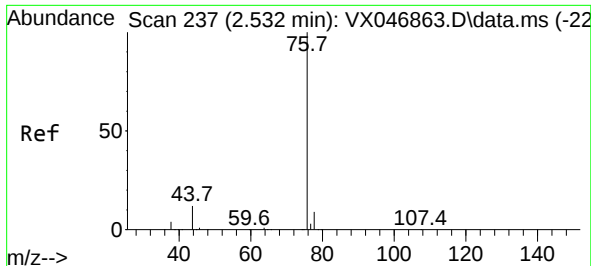
Tgt Ion: 53 Resp: 9213
Ion Ratio Lower Upper
53 100
52 78.0 66.0 99.0
51 27.3 28.6 43.0#



#16
Acetone
Concen: 5.749 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 43 Resp: 8778
Ion Ratio Lower Upper
43 100
58 38.6 25.8 38.6

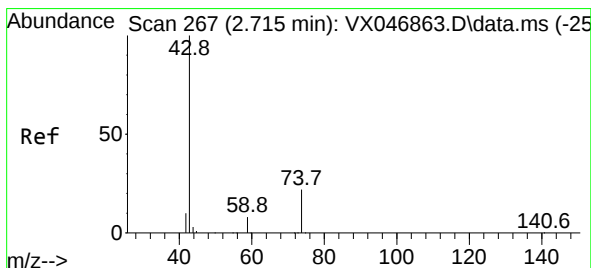
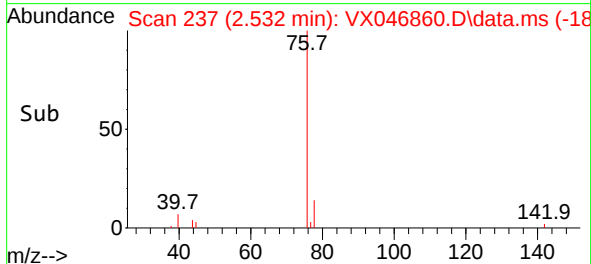
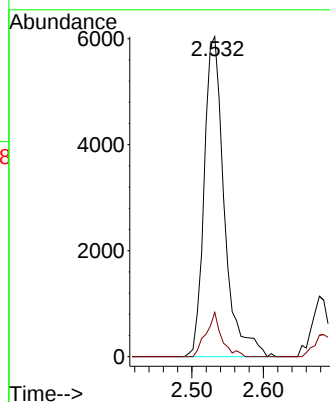
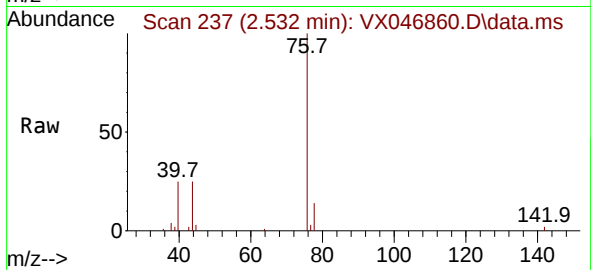




#17
Carbon Disulfide
Concen: 1.115 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

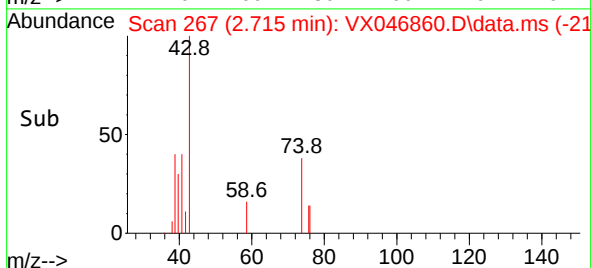
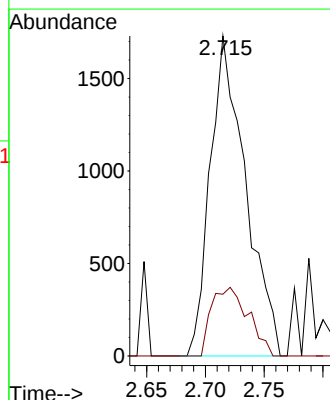
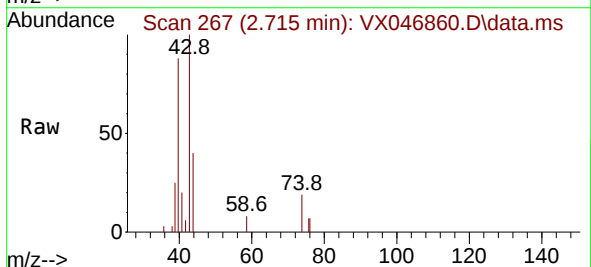
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

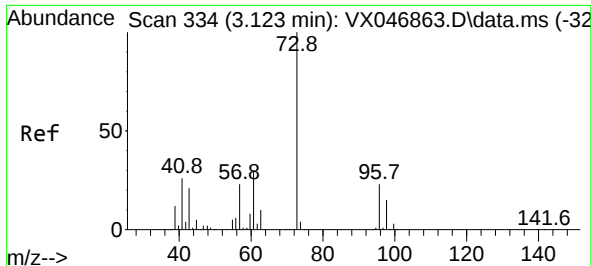
Tgt Ion: 76 Resp: 11797
Ion Ratio Lower Upper
76 100
78 13.8 7.4 11.2#



#18
Methyl Acetate
Concen: 0.903 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 43 Resp: 3632
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5

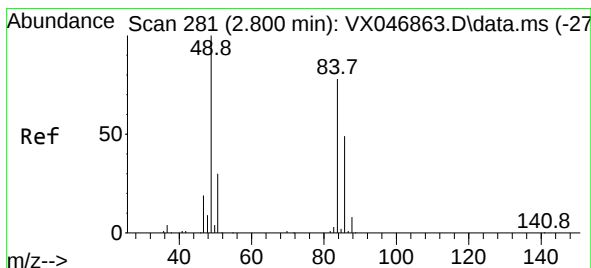
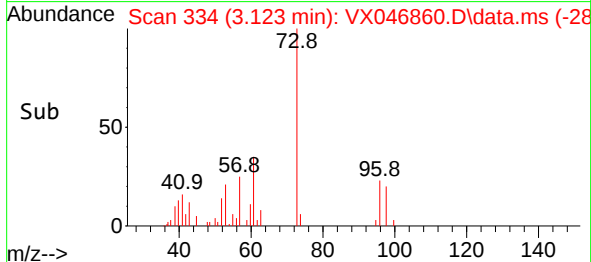
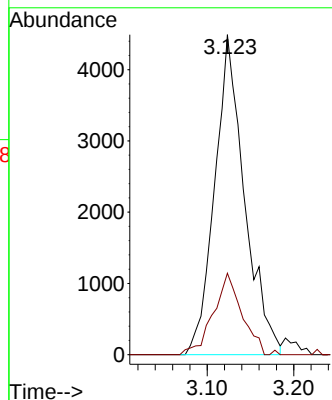
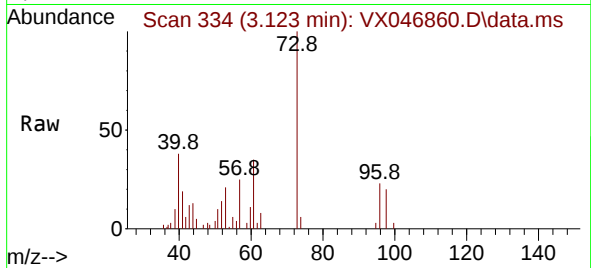




#19
Methyl tert-butyl Ether
Concen: 0.945 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

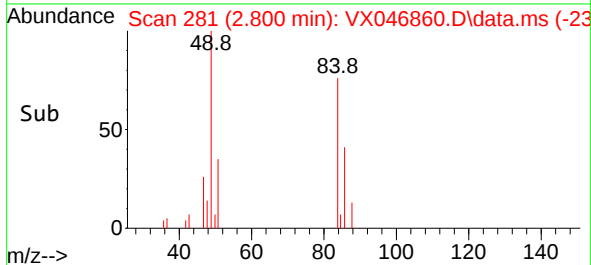
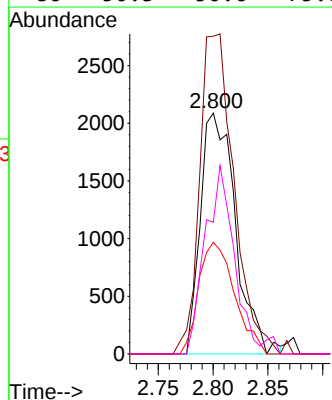
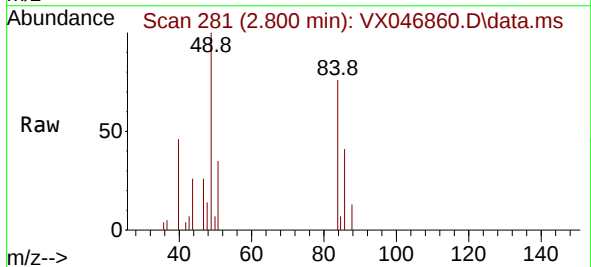
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

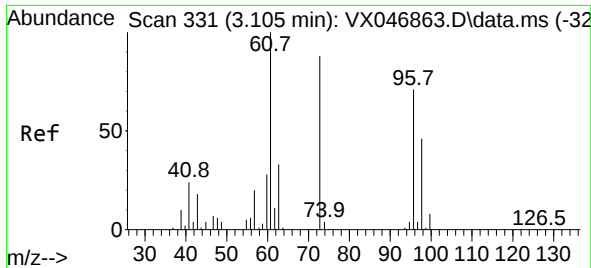
Tgt Ion: 73 Resp: 10768
Ion Ratio Lower Upper
73 100
57 25.4 18.6 28.0



#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 84 Resp: 4636
Ion Ratio Lower Upper
84 100
49 121.5 102.8 154.2
51 42.7 31.1 46.7
86 50.3 50.6 75.8#

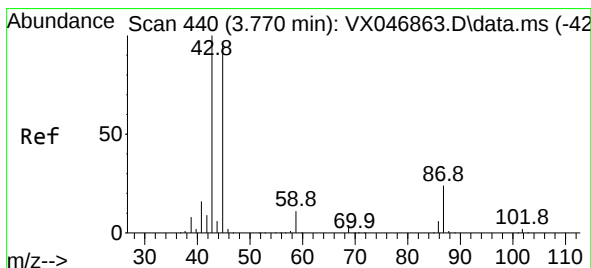
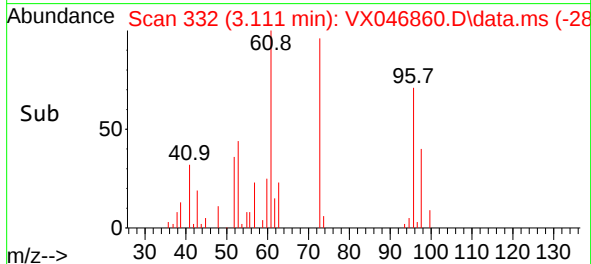
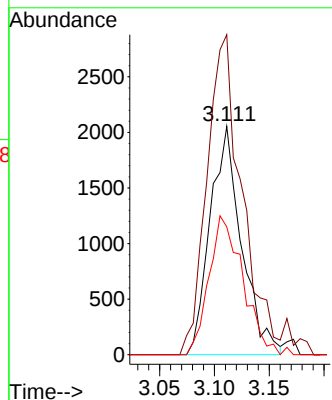
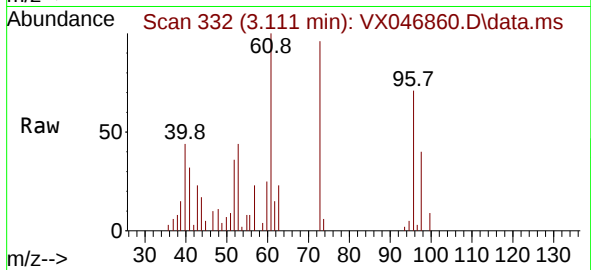




#21
trans-1,2-Dichloroethene
Concen: 0.995 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

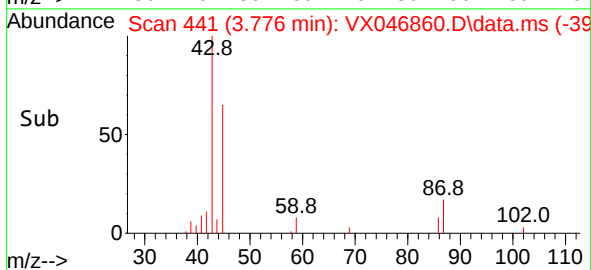
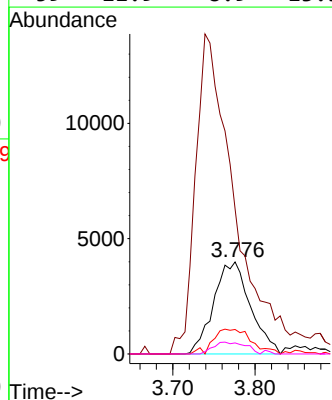
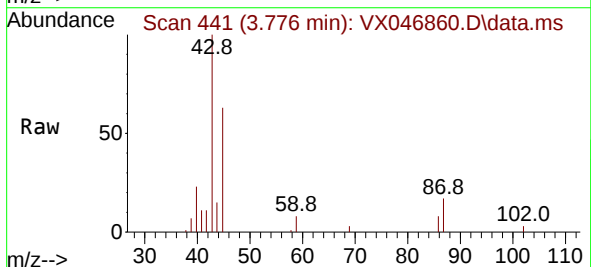
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

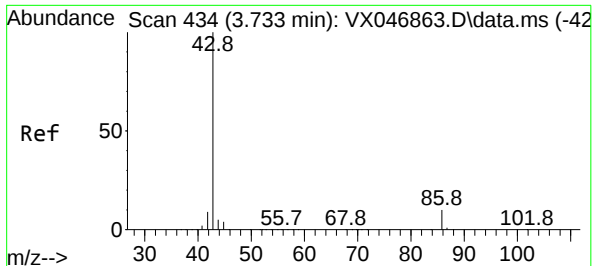
Tgt Ion: 96 Resp: 4109
Ion Ratio Lower Upper
96 100
61 134.7 113.4 170.2
98 53.8 51.8 77.6



#22
Diisopropyl ether
Concen: 0.893 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 45 Resp: 12396
Ion Ratio Lower Upper
45 100
43 165.5 84.2 126.4#
87 26.6 20.3 30.5
59 11.9 8.9 13.3

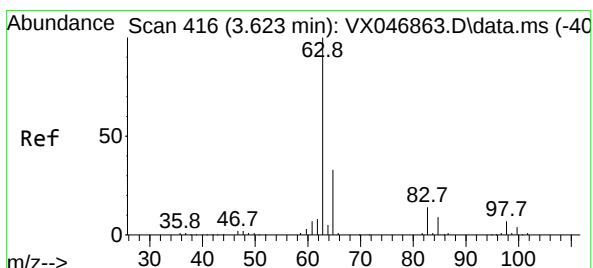
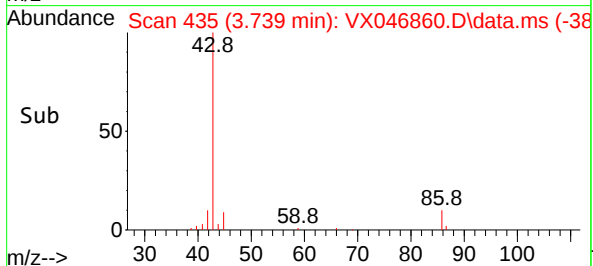
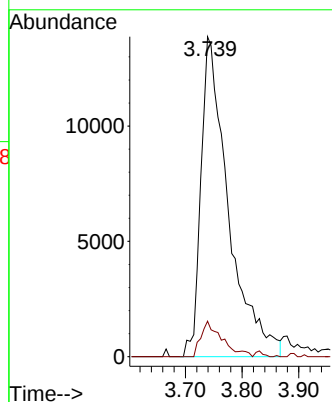
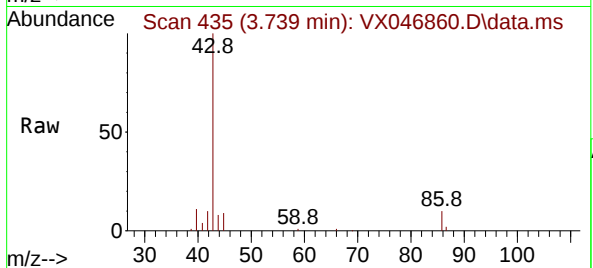




#23
 Vinyl Acetate
 Concen: 4.492 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

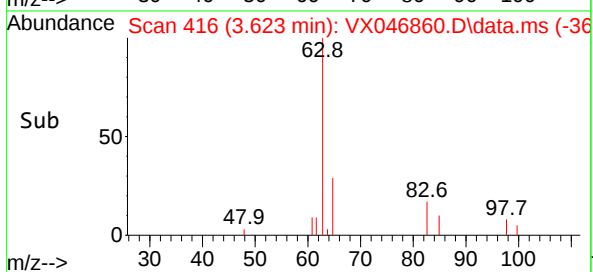
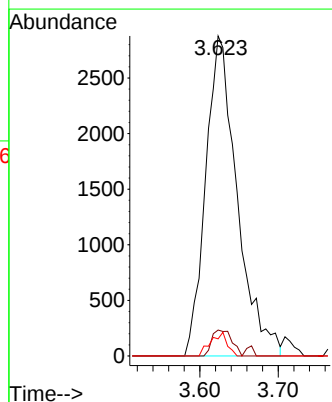
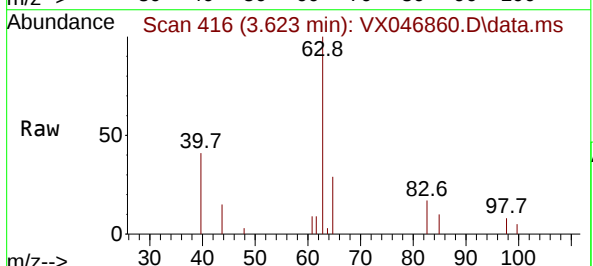
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

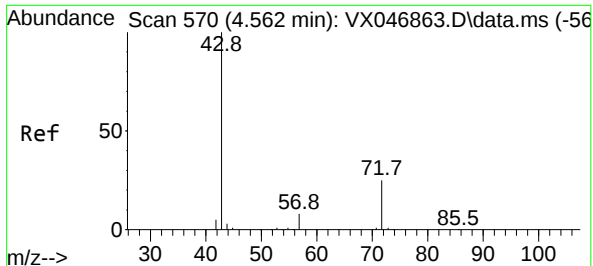
Tgt Ion: 43 Resp: 46702
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 1.015 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

Tgt Ion: 63 Resp: 8033
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 5.4 2.3 6.9





#25

2-Butanone

Concen: 4.295 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

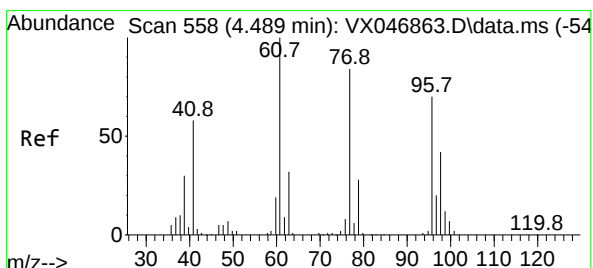
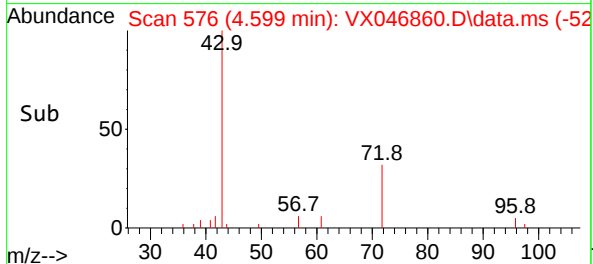
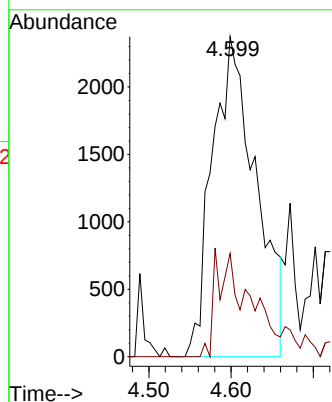
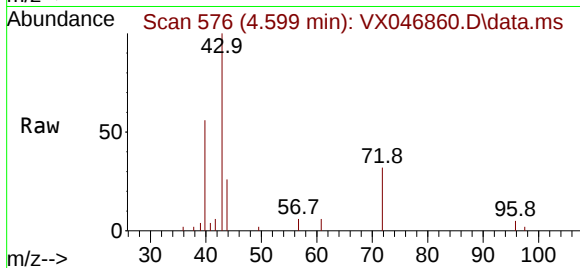
VSTDIC001

Tgt Ion: 43 Resp: 8749

Ion Ratio Lower Upper

43 100

72 48.1 20.0 30.0#



#26

2,2-Dichloropropane

Concen: 1.051 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX046860.D

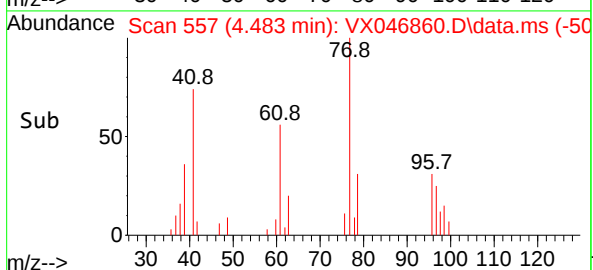
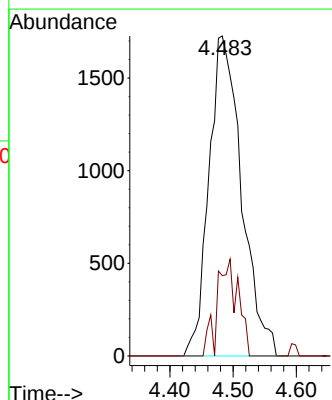
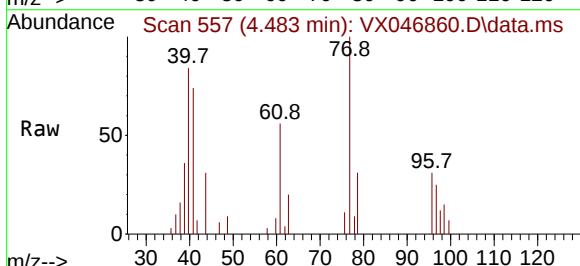
Acq: 02 Jul 2025 12:11

Tgt Ion: 77 Resp: 6192

Ion Ratio Lower Upper

77 100

97 19.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 1.049 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

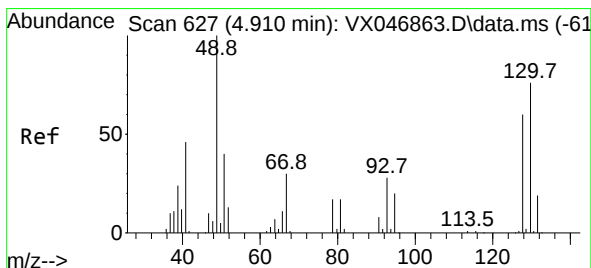
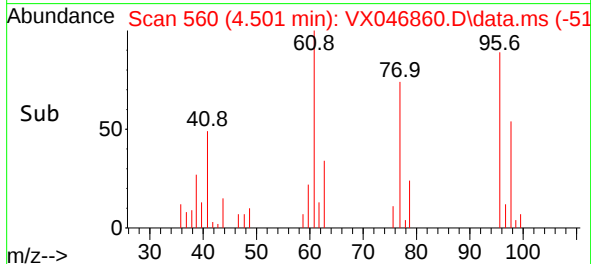
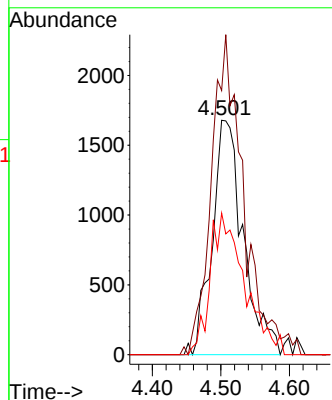
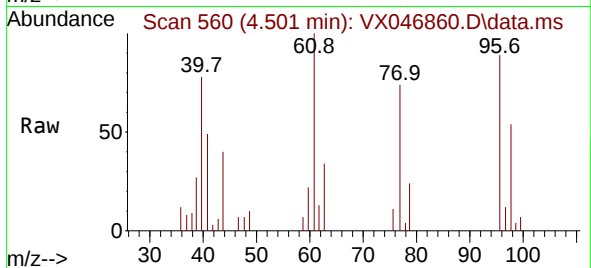
Tgt Ion: 96 Resp: 5289

Ion Ratio Lower Upper

96 100

61 141.8 0.0 288.6

98 66.9 0.0 128.8



#28

Bromochloromethane

Concen: 1.008 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

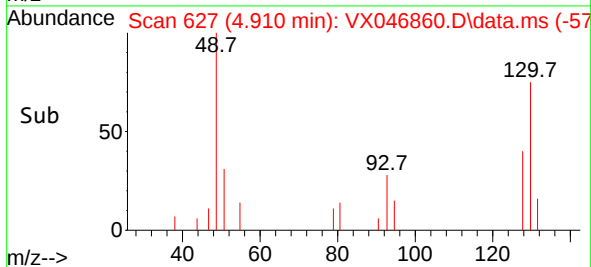
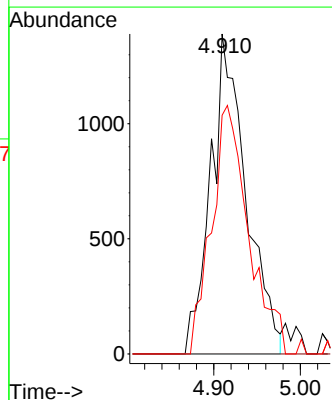
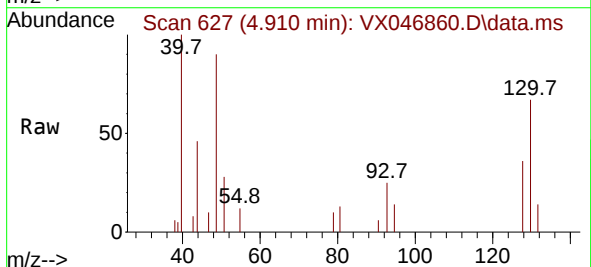
Tgt Ion: 49 Resp: 3938

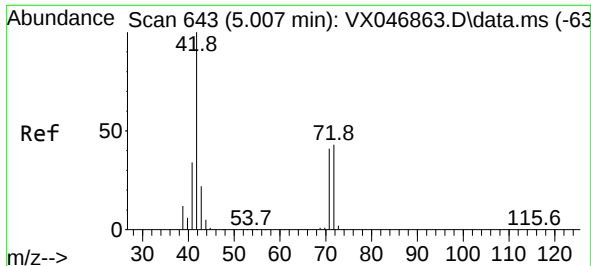
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 81.1 61.7 92.5





#29

Tetrahydrofuran

Concen: 5.015 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

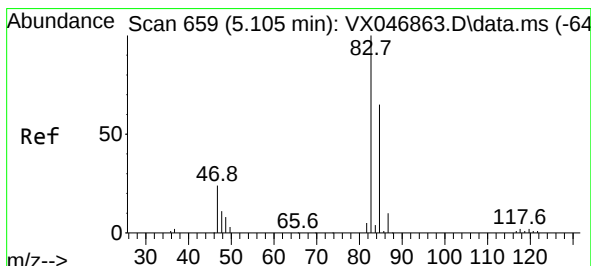
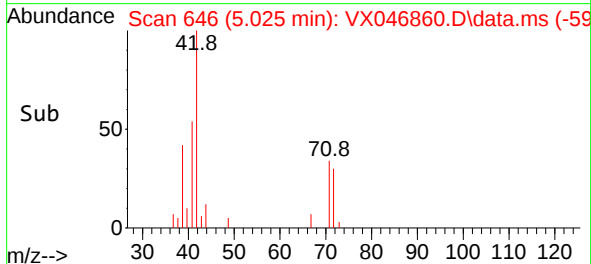
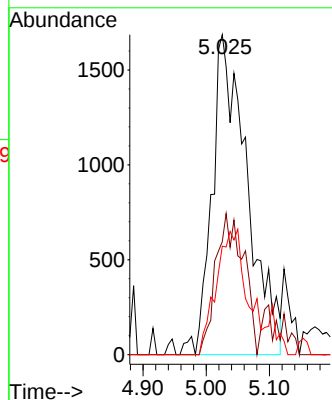
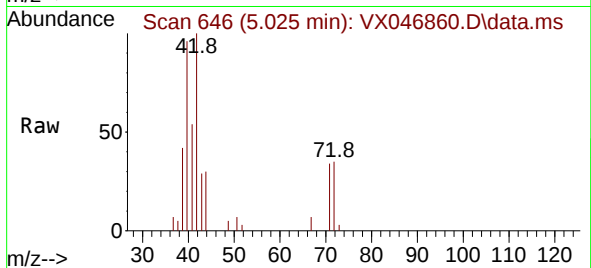
Tgt Ion: 42 Resp: 6512

Ion Ratio Lower Upper

42 100

72 34.8 35.1 52.7#

71 0.0 31.9 47.9#



#30

Chloroform

Concen: 1.059 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX046860.D

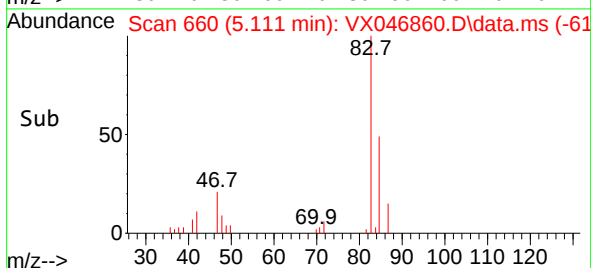
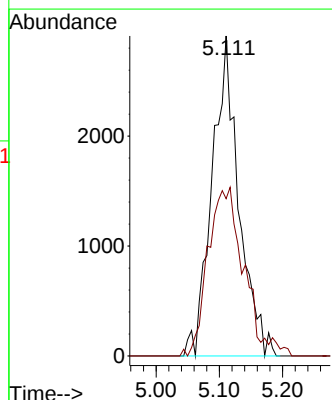
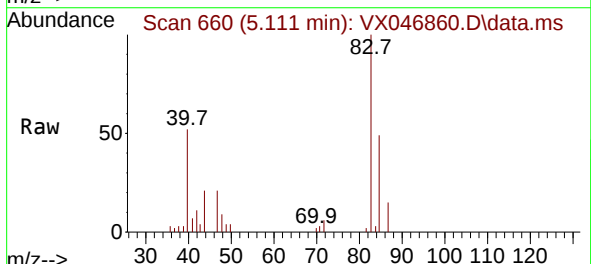
Acq: 02 Jul 2025 12:11

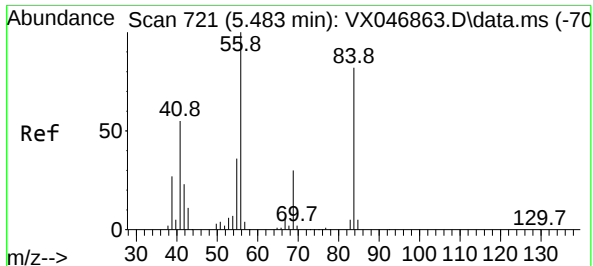
Tgt Ion: 83 Resp: 8561

Ion Ratio Lower Upper

83 100

85 49.2 51.8 77.8#

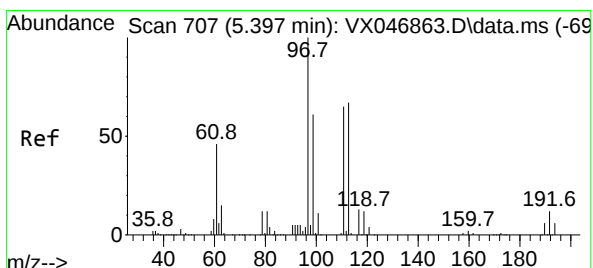
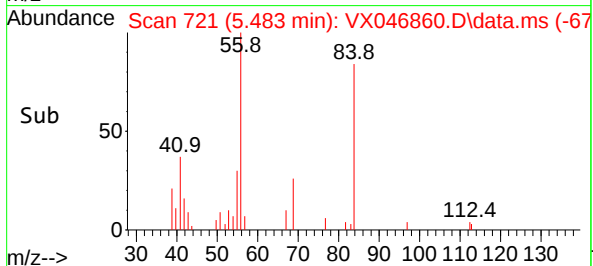
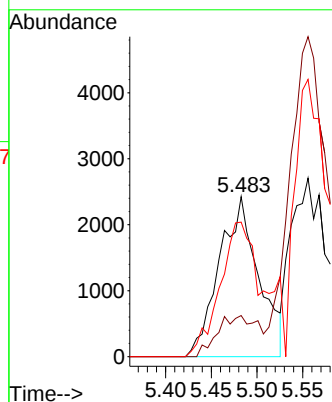
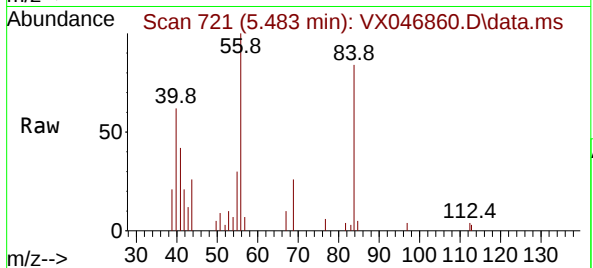




#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

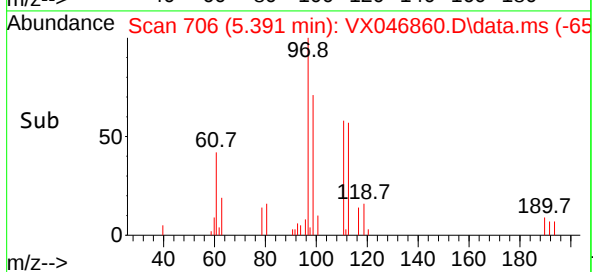
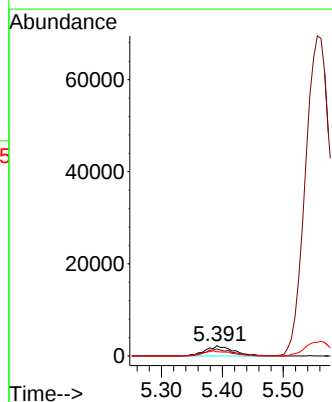
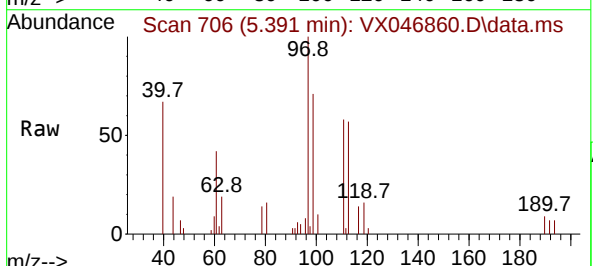
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

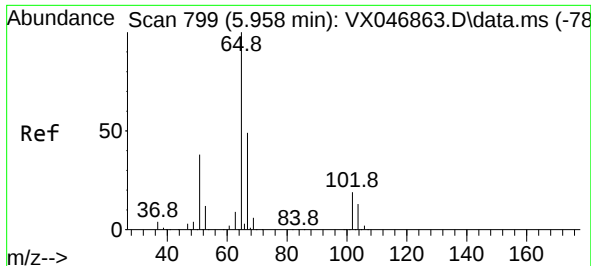
Tgt Ion: 56 Resp: 7238
Ion Ratio Lower Upper
56 100
69 25.7 24.0 36.0
84 88.7 66.5 99.7



#32
1,1,1-Trichloroethane
Concen: 1.040 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 97 Resp: 7025
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 50.6 36.3 54.5

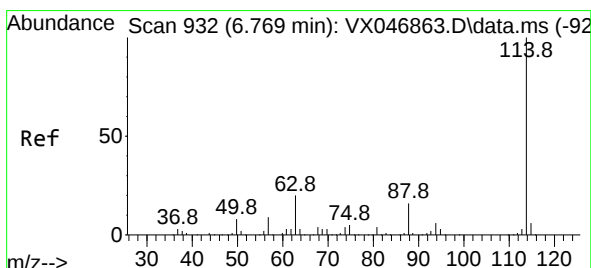
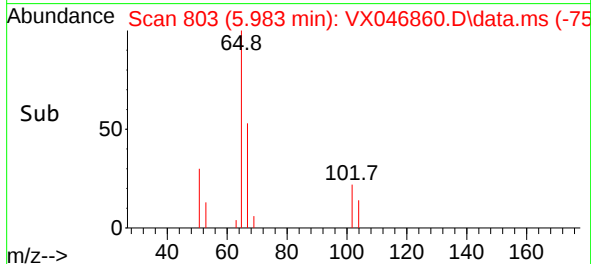
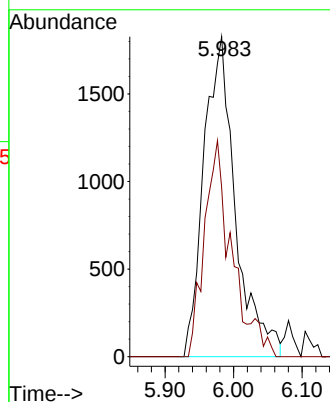
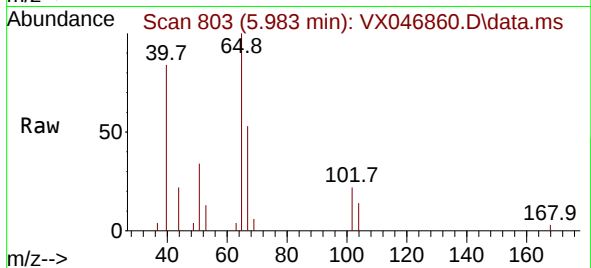




#33
1,2-Dichloroethane-d4
Concen: 1.191 ug/l
RT: 5.983 min Scan# 803
Delta R.T. 0.024 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

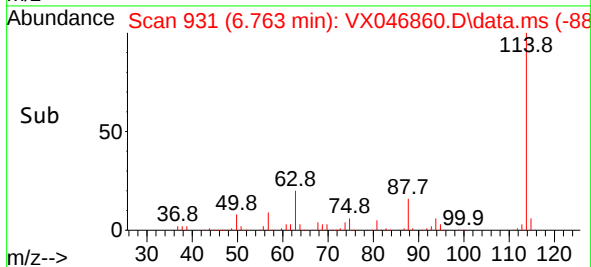
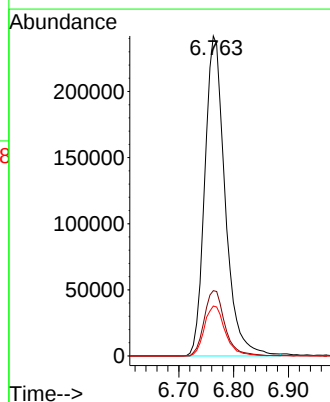
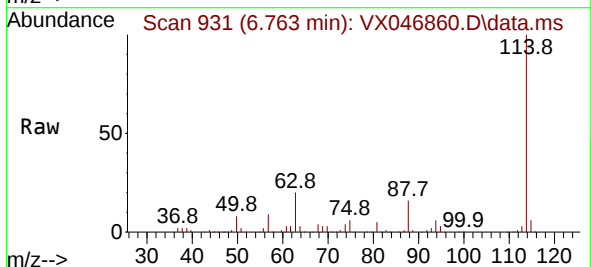
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

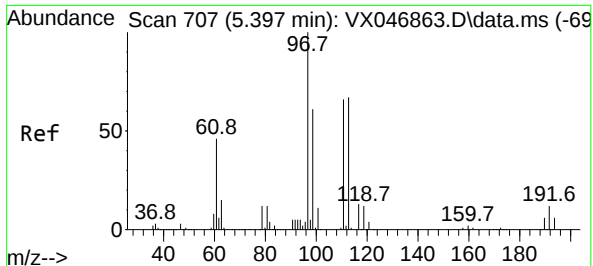
Tgt Ion: 65 Resp: 5854
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 114 Resp: 622566
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 1.104 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

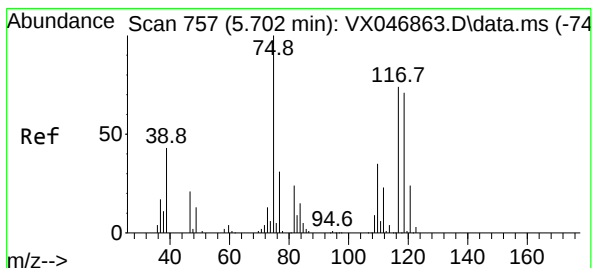
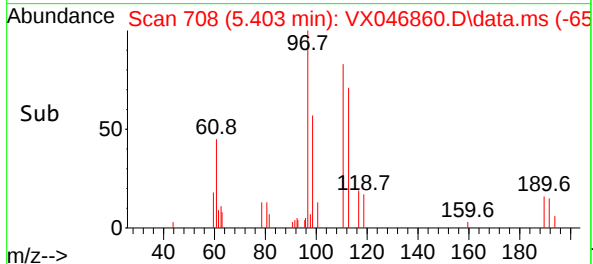
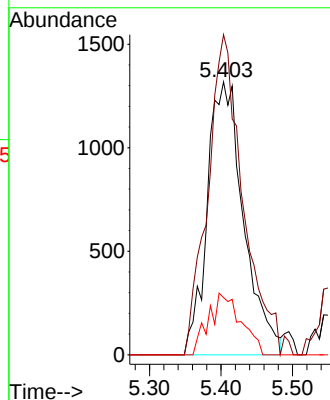
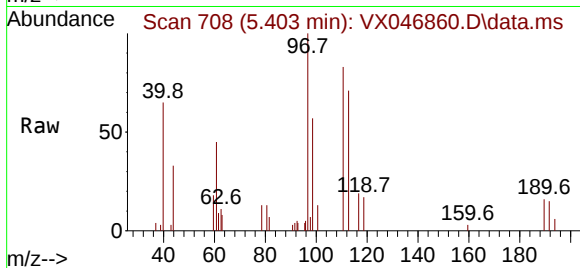
Tgt Ion:113 Resp: 4665

Ion Ratio Lower Upper

113 100

111 114.6 81.2 121.8

192 20.0 15.3 22.9



#36

1,1-Dichloropropene

Concen: 1.089 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

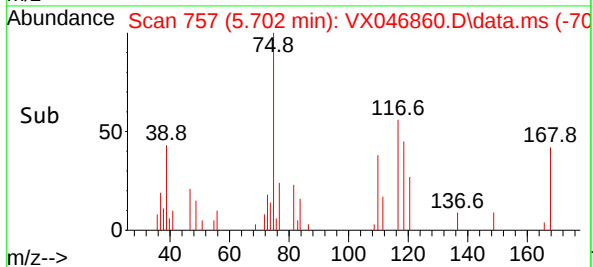
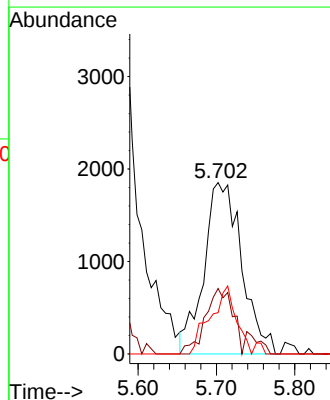
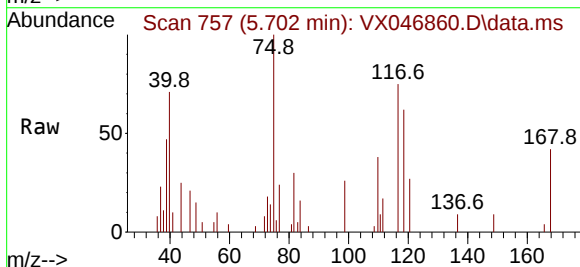
Tgt Ion: 75 Resp: 6211

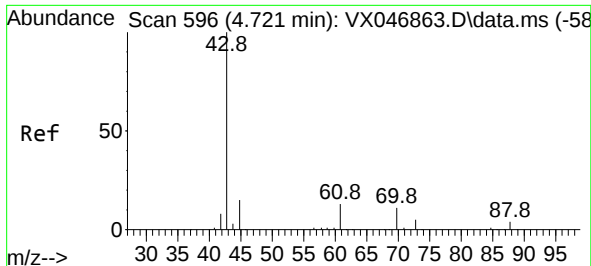
Ion Ratio Lower Upper

75 100

110 27.6 17.3 51.9

77 27.2 24.2 36.4

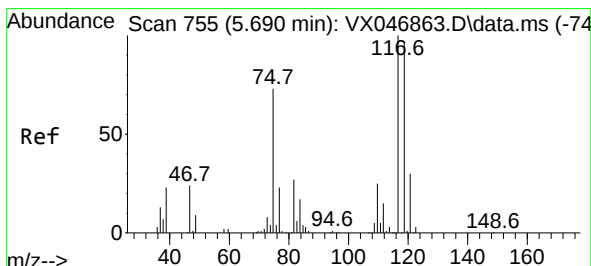
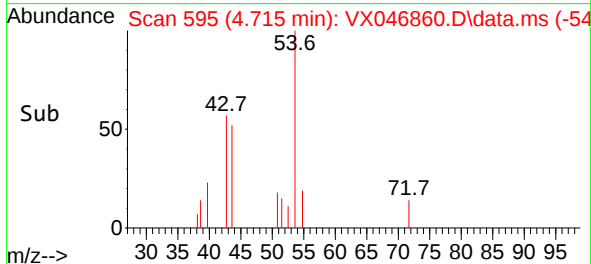
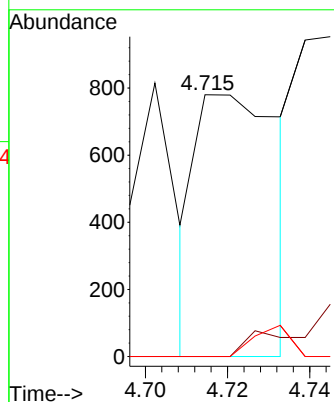
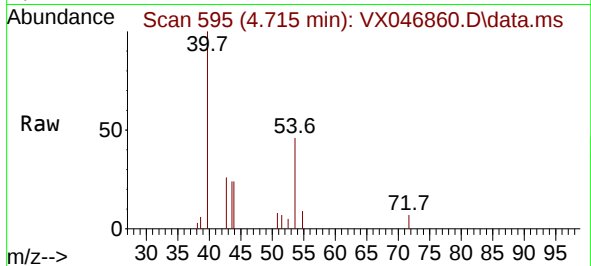




#37
Ethyl Acetate
Concen: 0.225 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

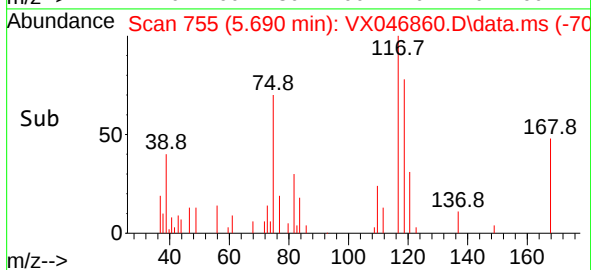
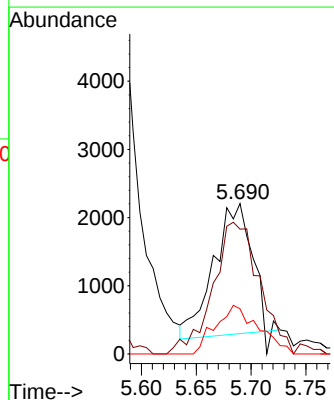
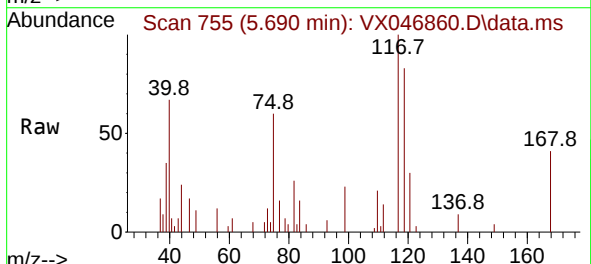
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

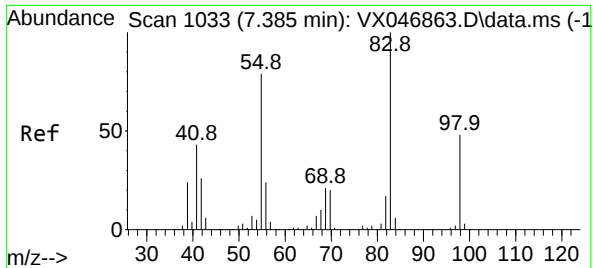
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 0.754 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 117 Resp: 4604
Ion Ratio Lower Upper
117 100
119 87.1 76.6 114.8
121 35.7 24.1 36.1

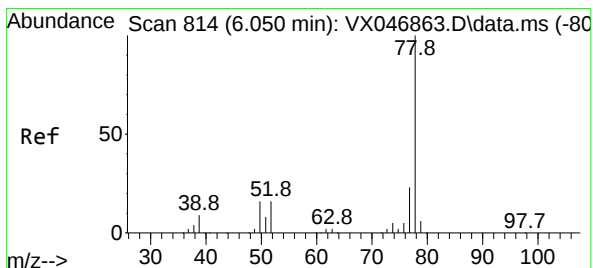
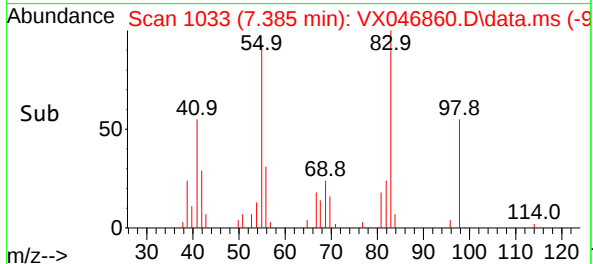
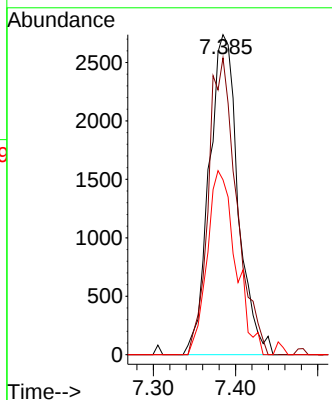
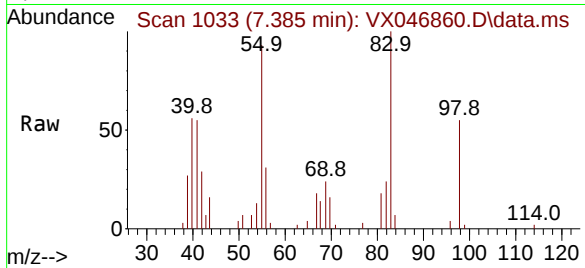




#39
Methylcyclohexane
Concen: 0.941 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

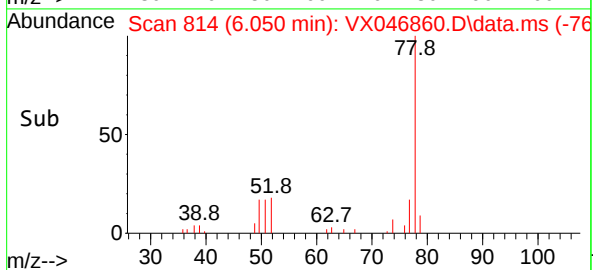
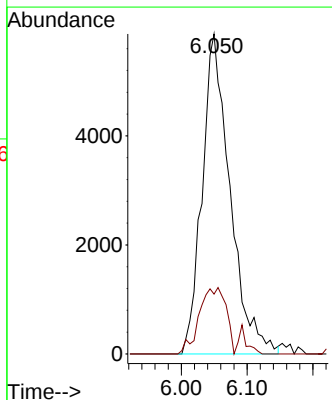
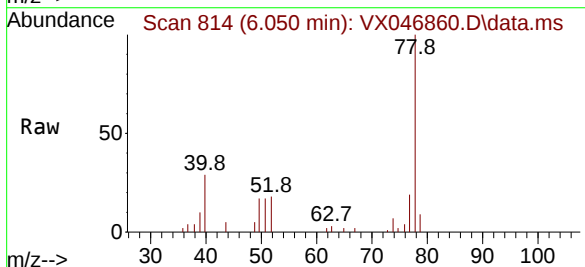
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	83	Resp:	6714
Ion	Ratio	Lower	Upper
83	100		
55	92.7	63.0	94.4
98	54.7	38.5	57.7



#40
Benzene
Concen: 1.004 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:	78	Resp:	17315
Ion	Ratio	Lower	Upper
78	100		
77	17.1	18.7	28.1#

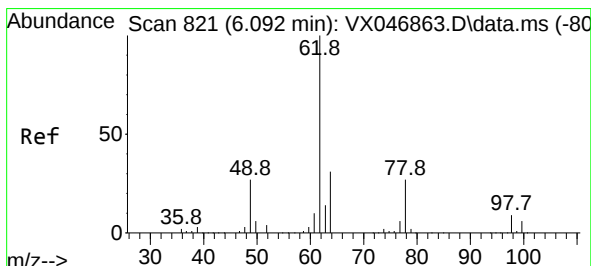
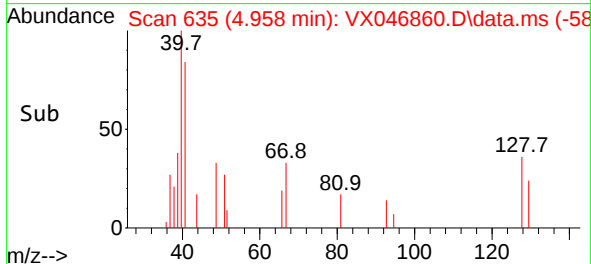
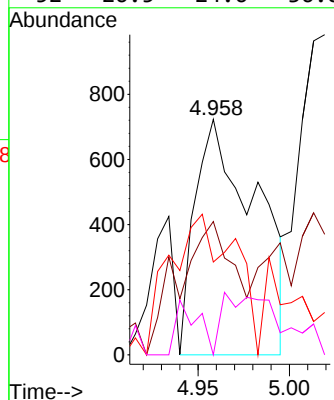
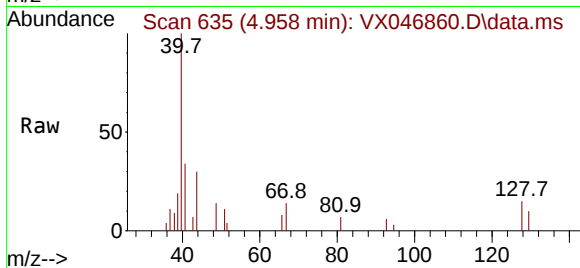




#41
Methacrylonitrile
Concen: 0.648 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.036 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

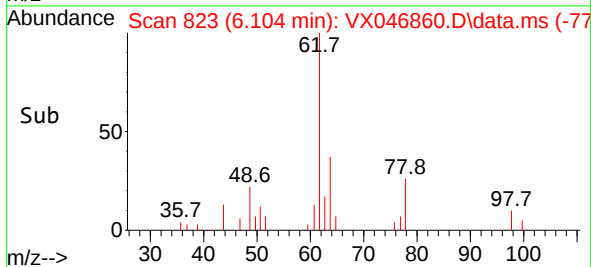
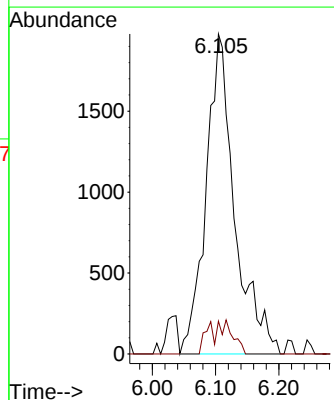
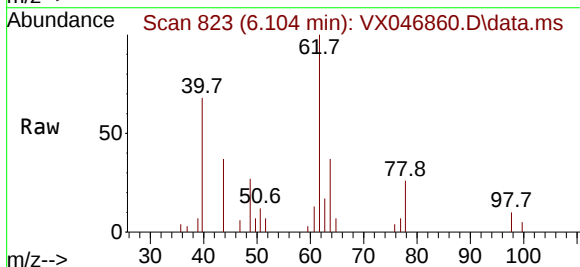
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

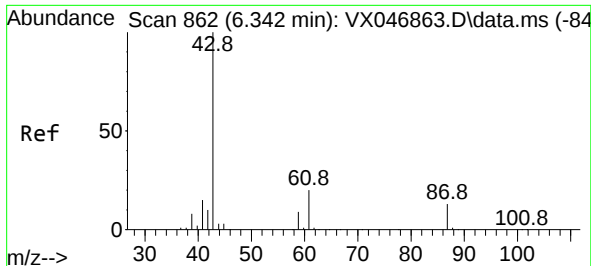
Tgt Ion:	41	Resp:	1678
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.0	64.4
67	63.9	60.2	90.2
52	26.5	24.6	36.8



#42
1,2-Dichloroethane
Concen: 1.062 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.012 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:	62	Resp:	6218
Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	19.4

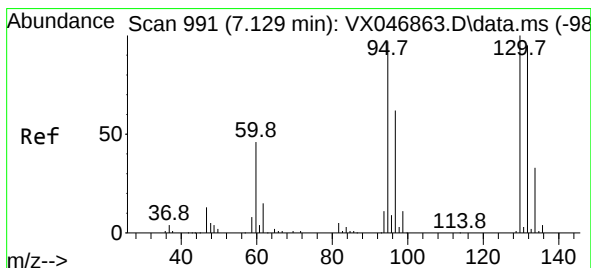
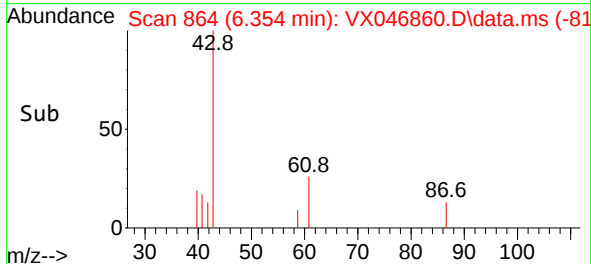
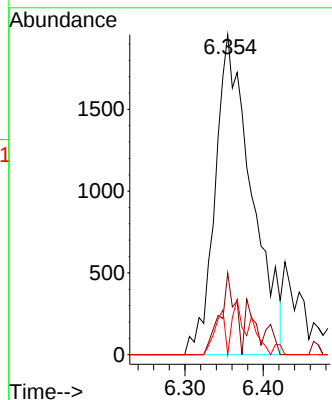
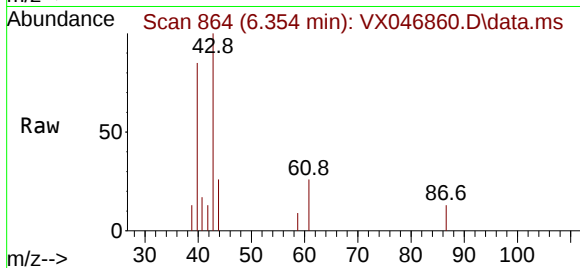




#43
Isopropyl Acetate
Concen: 0.851 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

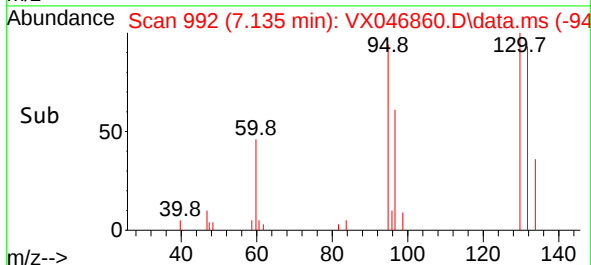
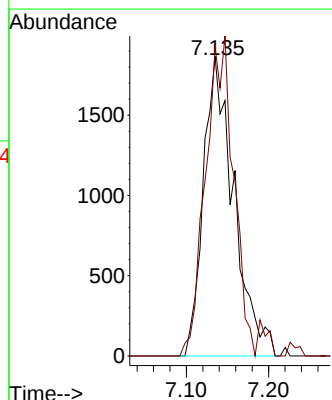
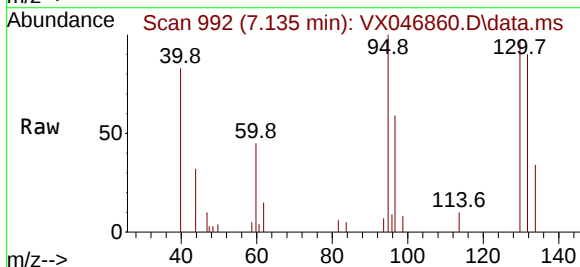
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 6331
Ion Ratio Lower Upper
43 100
61 10.5 15.7 23.5#
87 3.9 10.1 15.1#



#44
Trichloroethene
Concen: 1.071 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:130 Resp: 4807
Ion Ratio Lower Upper
130 100
95 103.3 0.0 194.2





#45

1,2-Dichloropropane

Concen: 1.041 ug/l

RT: 7.446 min Scan# 1043

Delta R.T. 0.012 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

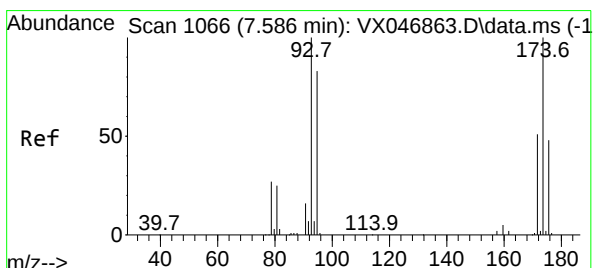
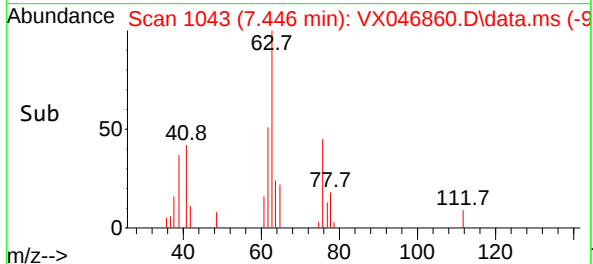
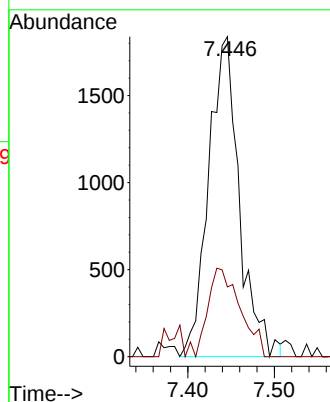
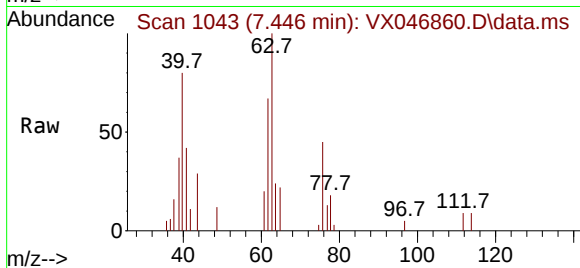
VSTDIC001

Tgt Ion: 63 Resp: 4536

Ion Ratio Lower Upper

63 100

65 17.7 24.2 36.2#



#46

Dibromomethane

Concen: 1.018 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

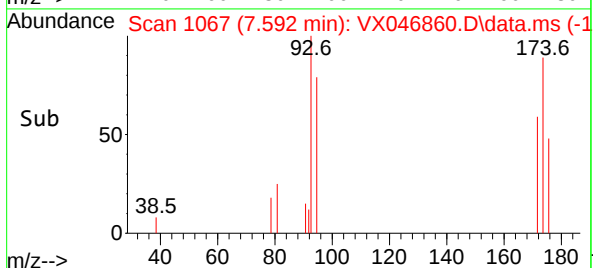
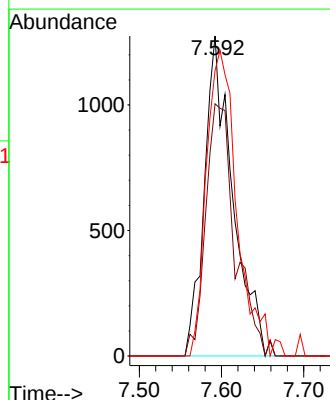
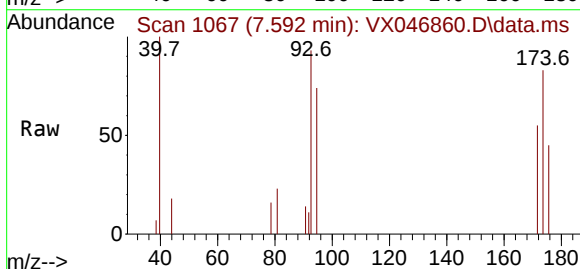
Tgt Ion: 93 Resp: 3072

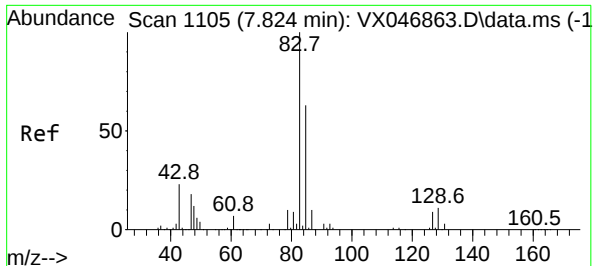
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 103.1 77.4 116.2

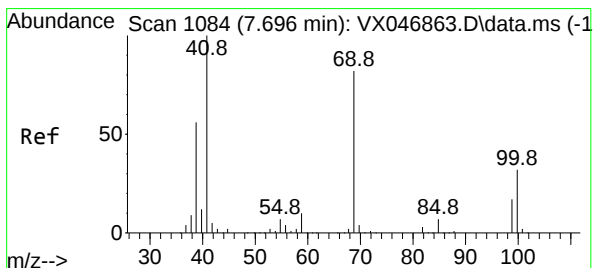
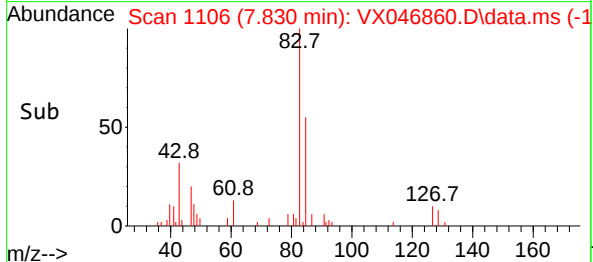
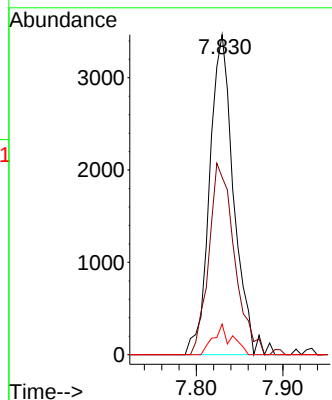
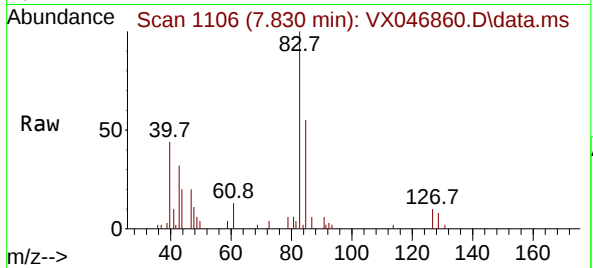




#47
Bromodichloromethane
Concen: 1.040 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

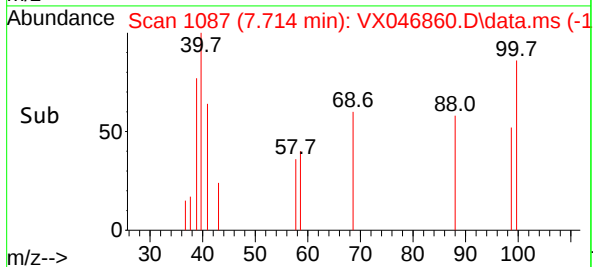
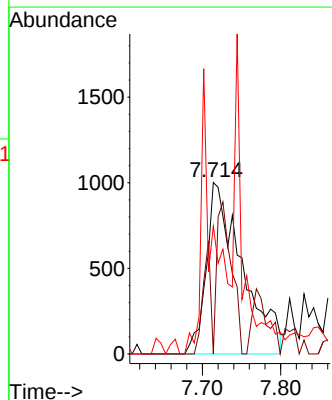
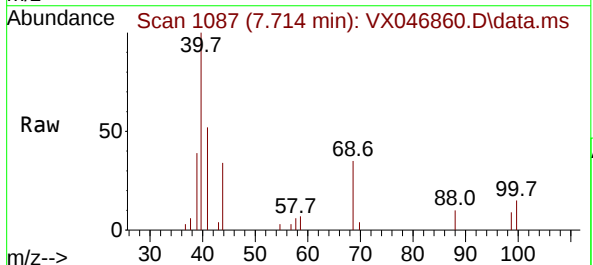
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

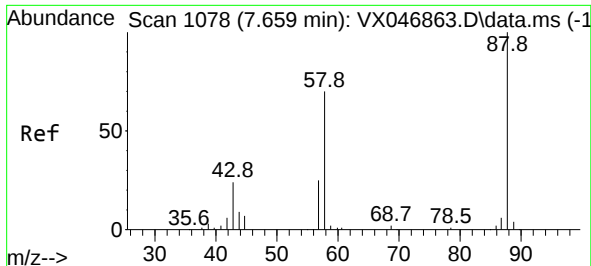
Tgt Ion: 83 Resp: 6705
Ion Ratio Lower Upper
83 100
85 55.4 50.2 75.4
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 0.833 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 41 Resp: 3198
Ion Ratio Lower Upper
41 100
69 13.8 65.8 98.8#
39 55.5 43.8 65.6





#49

1,4-Dioxane

Concen: 14.381 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.024 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

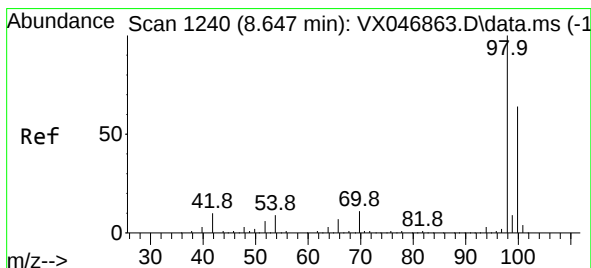
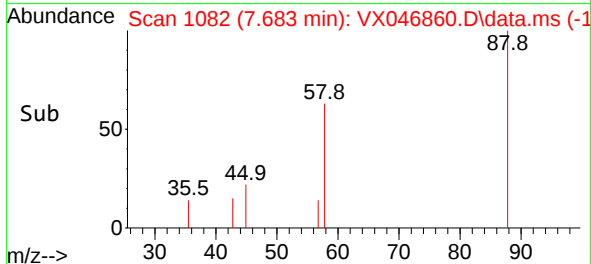
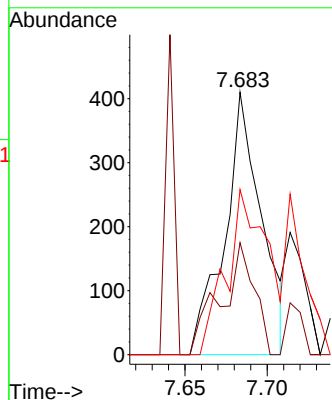
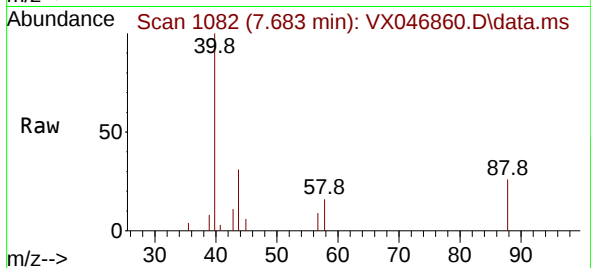
Tgt Ion: 88 Resp: 640

Ion Ratio Lower Upper

88 100

43 39.1 31.7 47.5

58 69.2 57.5 86.3



#50

Toluene-d8

Concen: 1.159 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046860.D

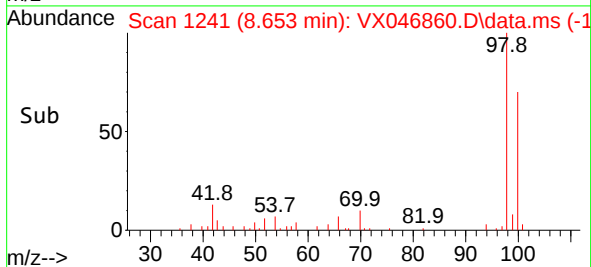
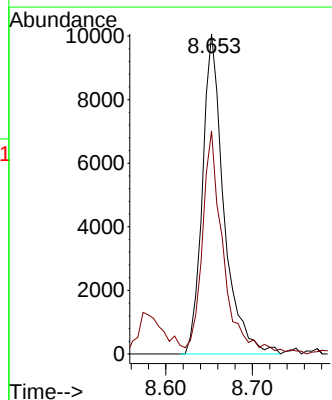
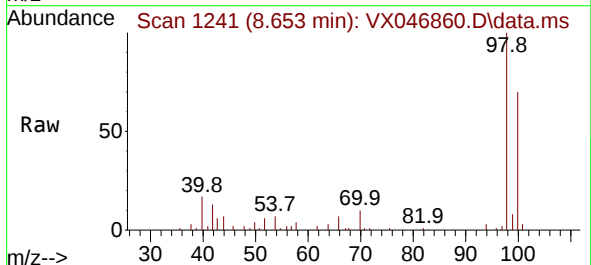
Acq: 02 Jul 2025 12:11

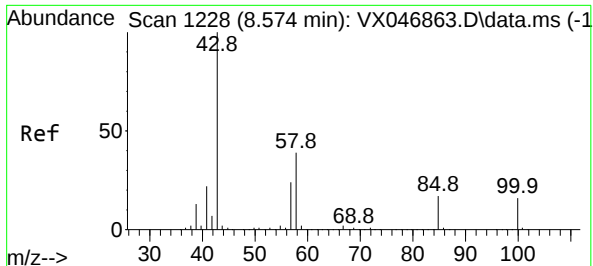
Tgt Ion: 98 Resp: 17288

Ion Ratio Lower Upper

98 100

100 68.4 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 4.684 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

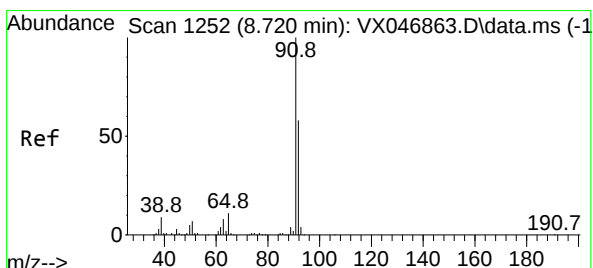
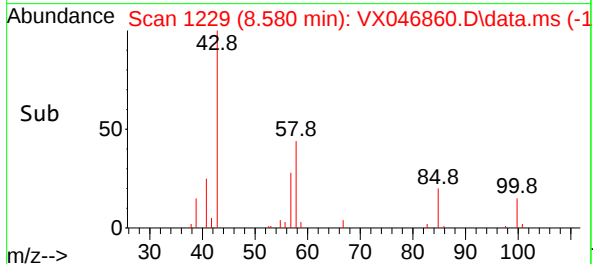
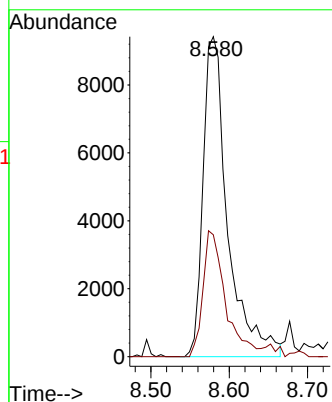
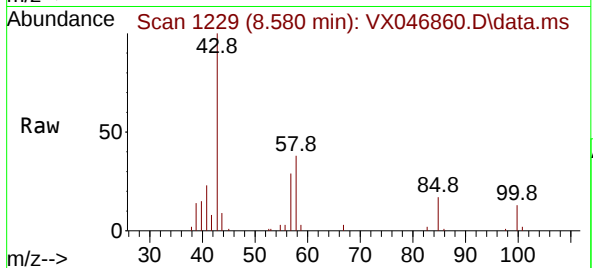
VSTDIC001

Tgt Ion: 43 Resp: 20561

Ion Ratio Lower Upper

43 100

58 36.0 30.4 45.6



#52

Toluene

Concen: 0.996 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX046860.D

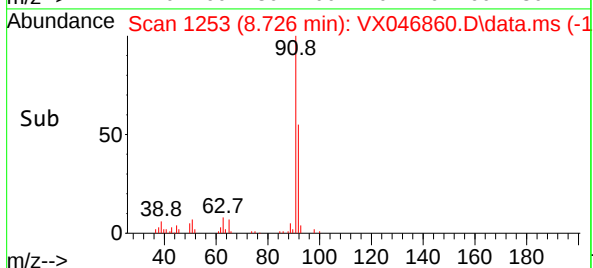
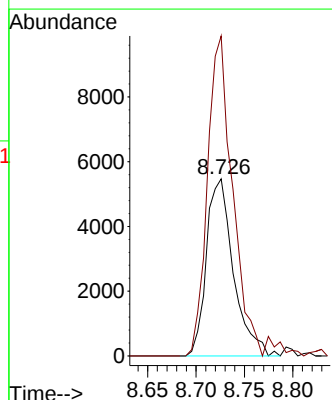
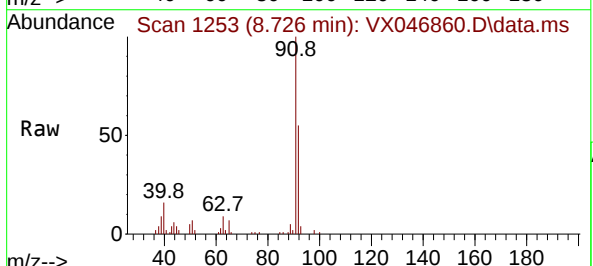
Acq: 02 Jul 2025 12:11

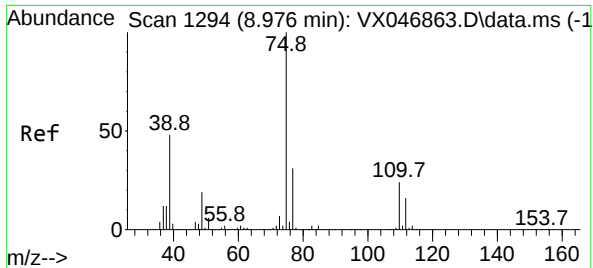
Tgt Ion: 92 Resp: 10648

Ion Ratio Lower Upper

92 100

91 167.3 137.9 206.9

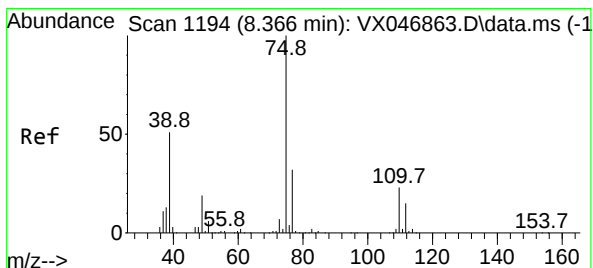
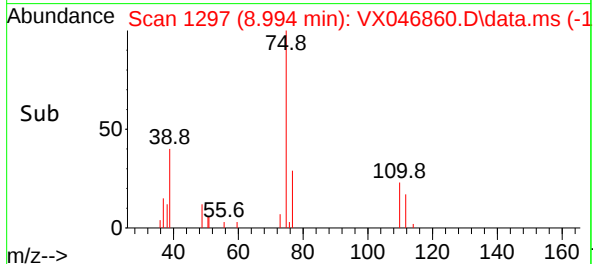
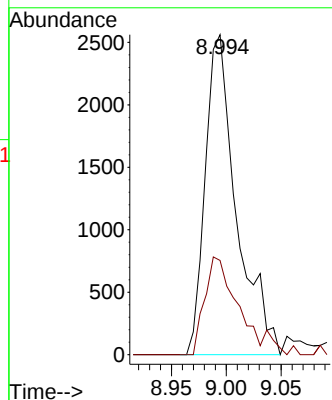
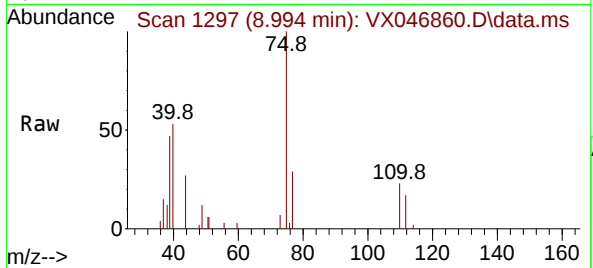




#53
 t-1,3-Dichloropropene
 Concen: 0.883 ug/l
 RT: 8.994 min Scan# 1195
 Delta R.T. 0.018 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

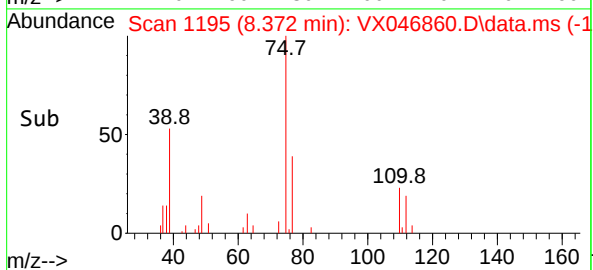
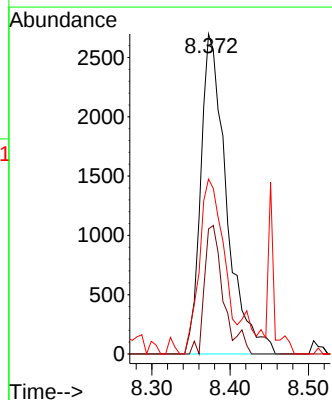
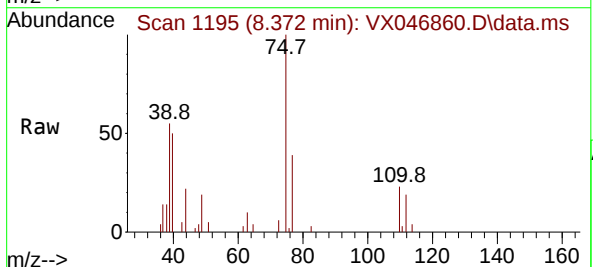
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

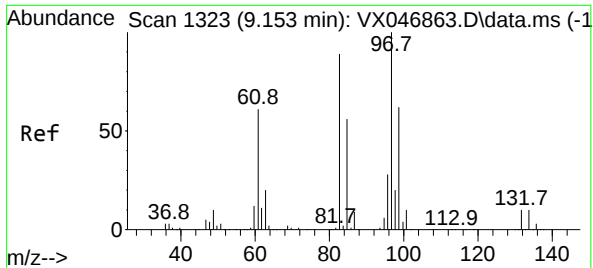
Tgt Ion: 75 Resp: 5080
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 0.940 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

Tgt Ion: 75 Resp: 6171
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.4 38.2#
 39 104.6 40.7 61.1#

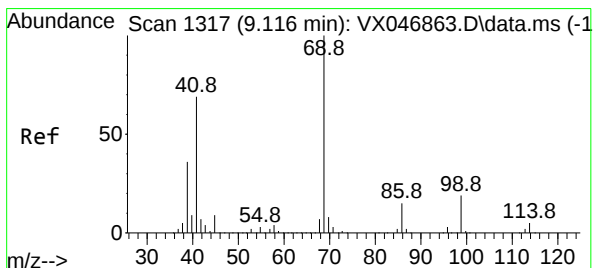
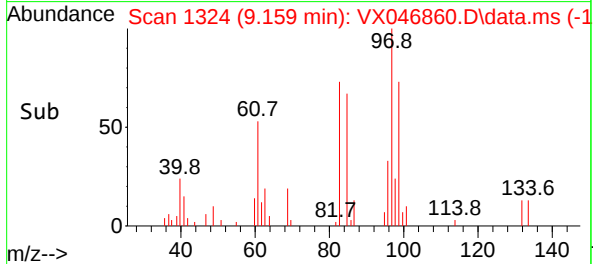
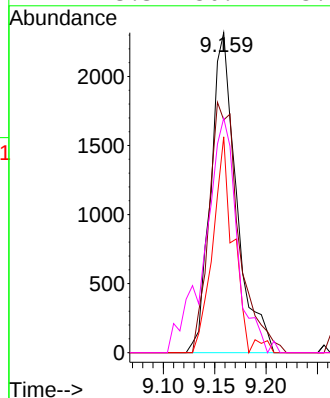
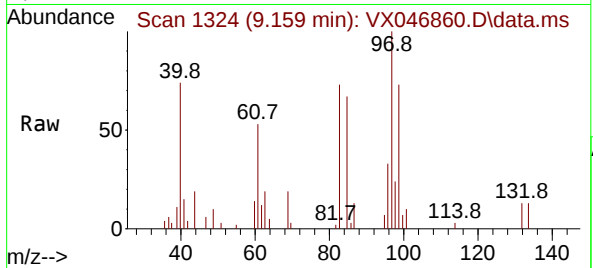




#55
 1,1,2-Trichloroethane
 Concen: 1.016 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.006 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

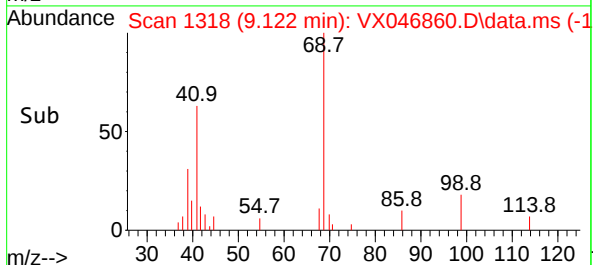
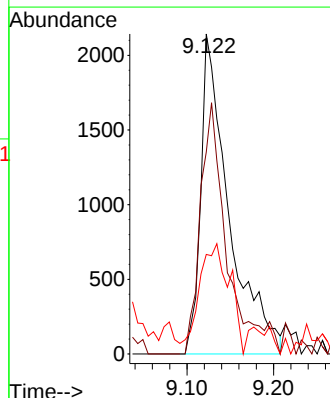
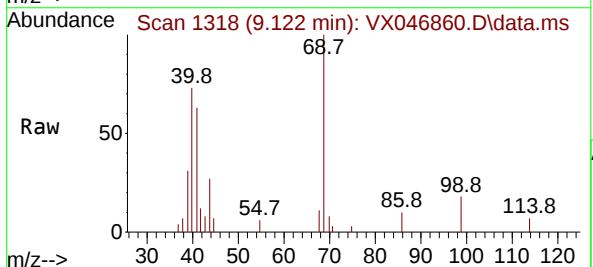
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

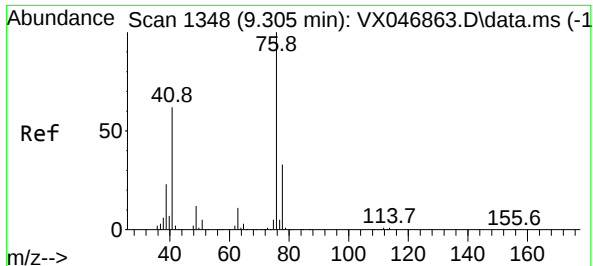
Tgt Ion:	97	Resp:	4046
Ion	Ratio	Lower	Upper
97	100		
83	72.8	70.9	106.3
85	67.5	44.6	67.0#
99	73.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 0.880 ug/l
 RT: 9.122 min Scan# 1318
 Delta R.T. 0.006 min
 Lab File: VX046860.D
 Acq: 02 Jul 2025 12:11

Tgt Ion:	69	Resp:	4850
Ion	Ratio	Lower	Upper
69	100		
41	73.7	54.6	82.0
39	37.3	28.7	43.1

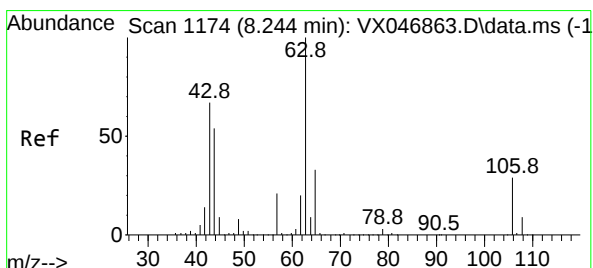
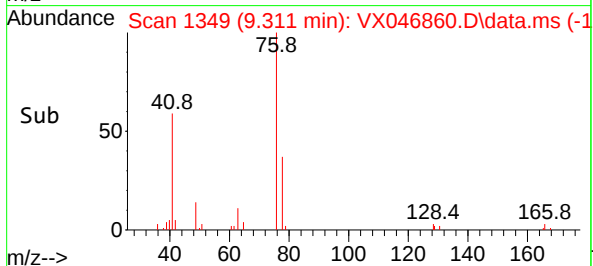
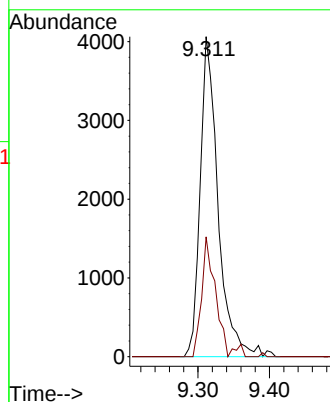
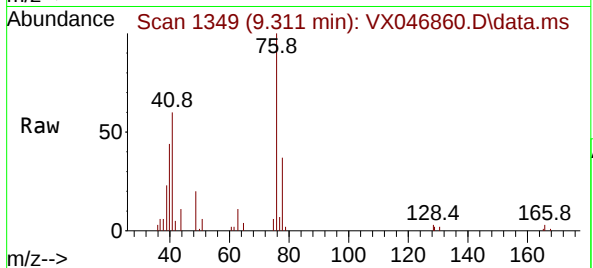




#57
1,3-Dichloropropane
Concen: 1.030 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

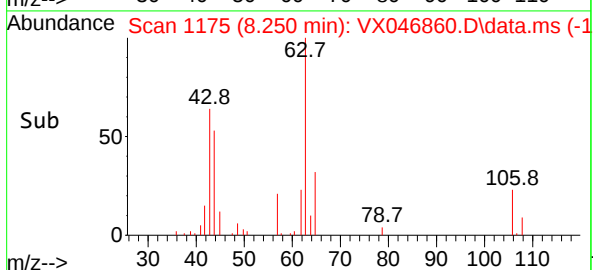
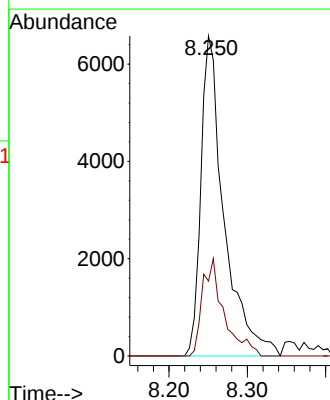
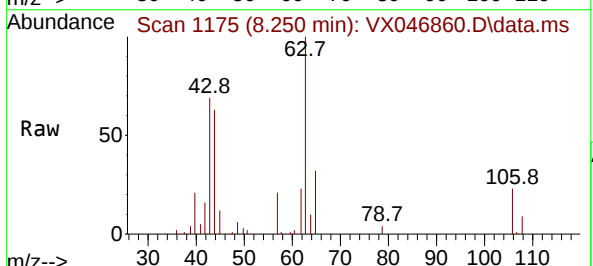
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

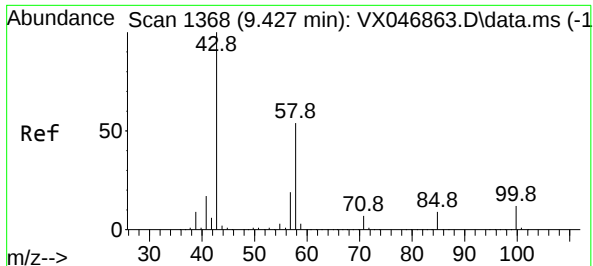
Tgt Ion: 76 Resp: 7057
Ion Ratio Lower Upper
76 100
78 29.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 4.352 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 63 Resp: 13509
Ion Ratio Lower Upper
63 100
106 28.3 22.6 33.8





#59

2-Hexanone

Concen: 4.376 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

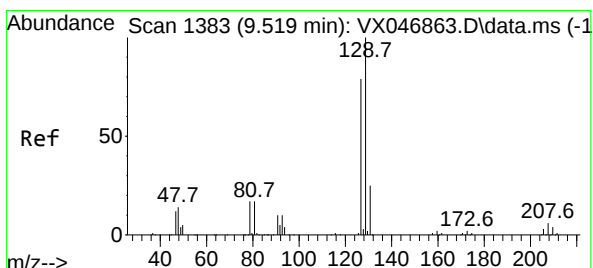
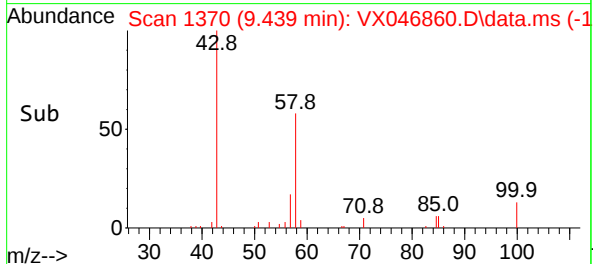
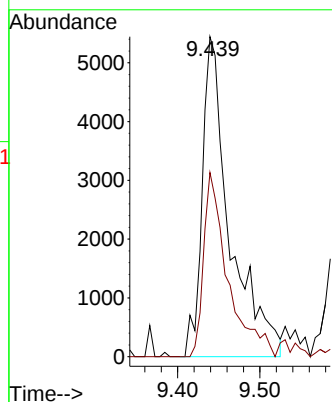
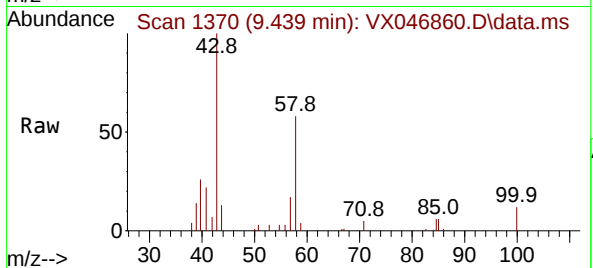
VSTDIC001

Tgt Ion: 43 Resp: 12742

Ion Ratio Lower Upper

43 100

58 50.1 27.1 81.3



#60

Dibromochloromethane

Concen: 1.002 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX046860.D

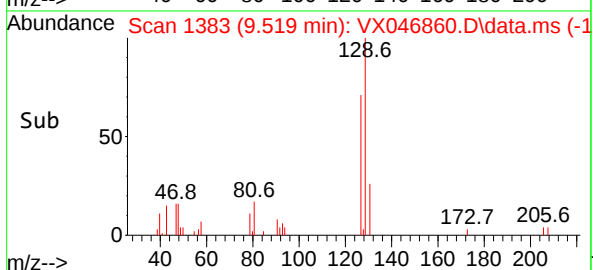
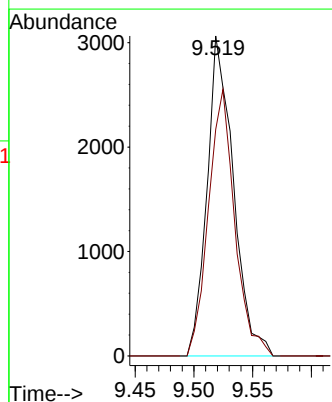
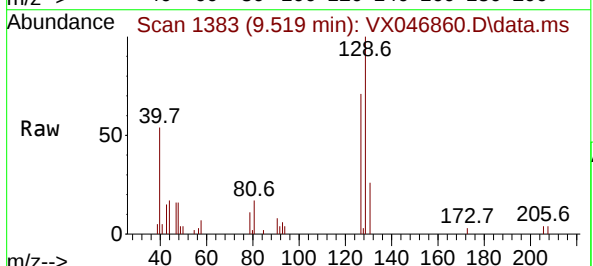
Acq: 02 Jul 2025 12:11

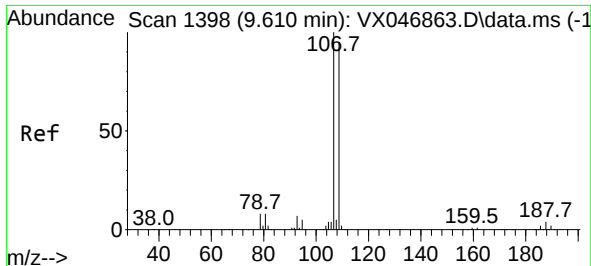
Tgt Ion: 129 Resp: 4772

Ion Ratio Lower Upper

129 100

127 83.0 39.1 117.5

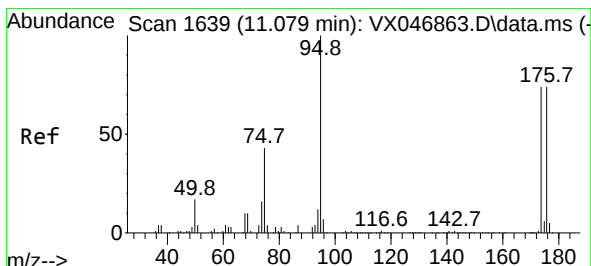
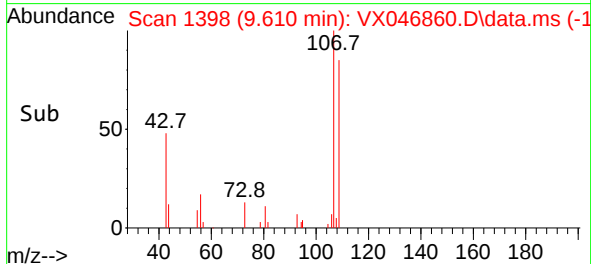
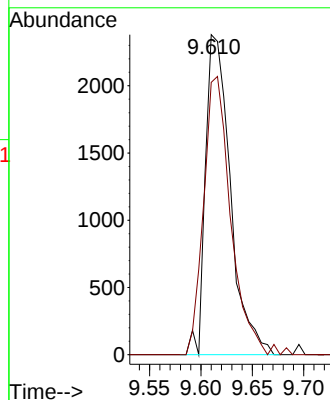
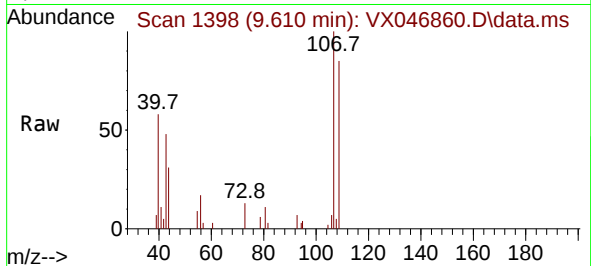




#61
1,2-Dibromoethane
Concen: 1.007 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

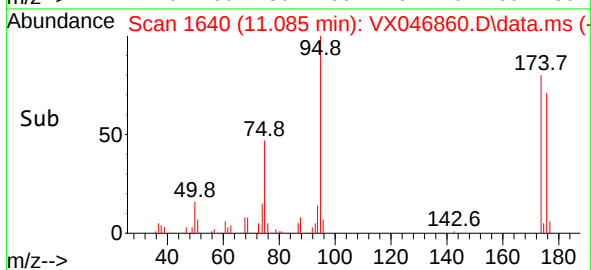
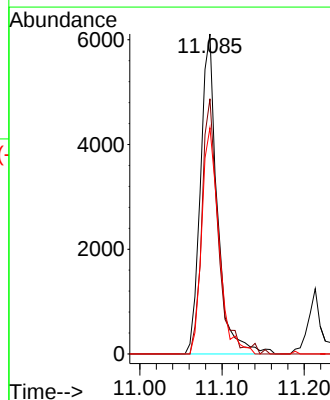
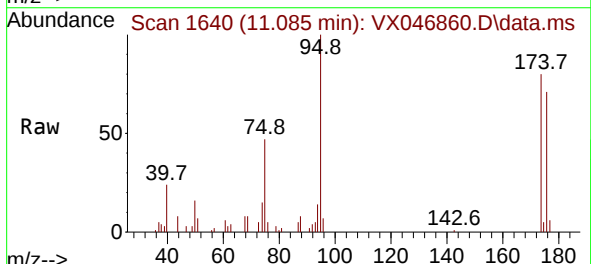
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:107 Resp: 4026
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 1.537 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 95 Resp: 8708
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.0
176 72.2 0.0 145.2

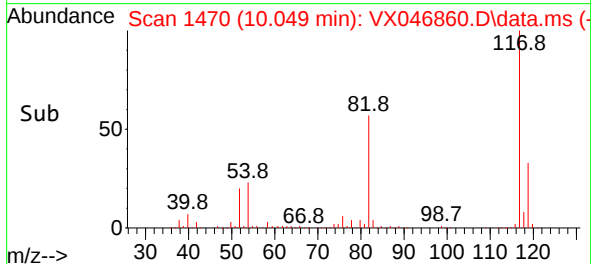
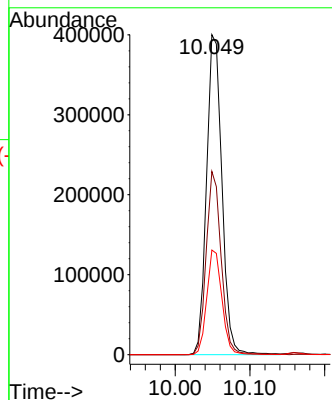
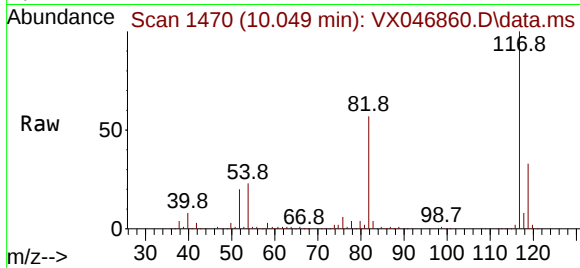




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

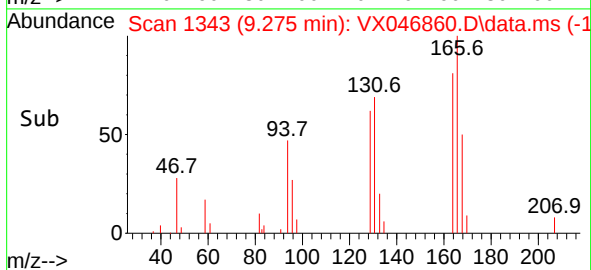
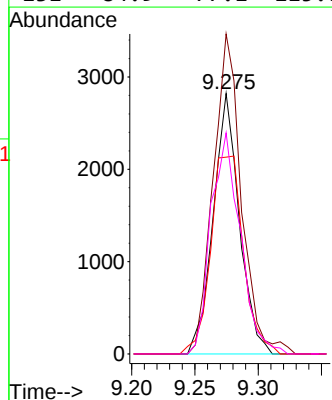
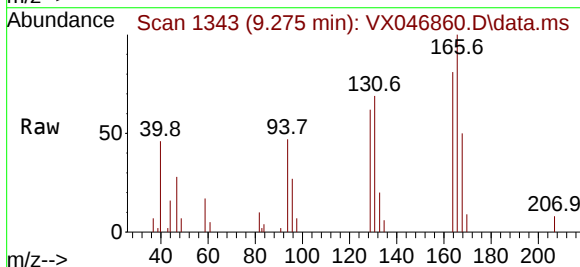
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

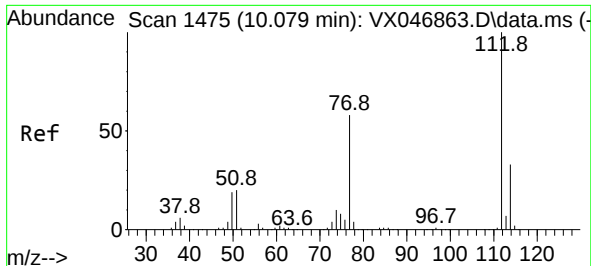
Tgt Ion:117 Resp: 571866
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 32.7 26.4 39.6



#64
Tetrachloroethene
Concen: 1.061 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:164 Resp: 4039
Ion Ratio Lower Upper
164 100
166 122.8 107.0 160.6
129 75.5 79.7 119.5#
131 84.9 77.1 115.7

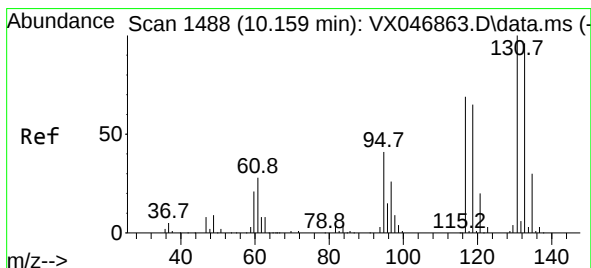
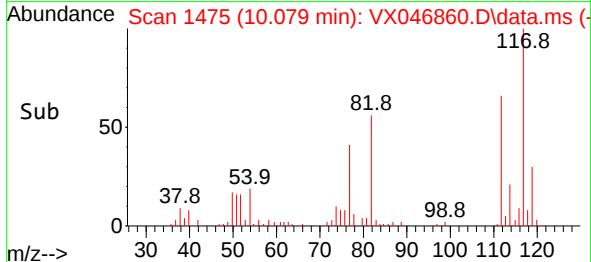
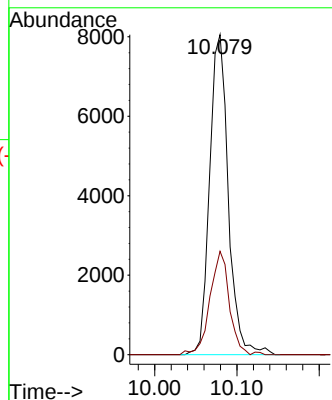
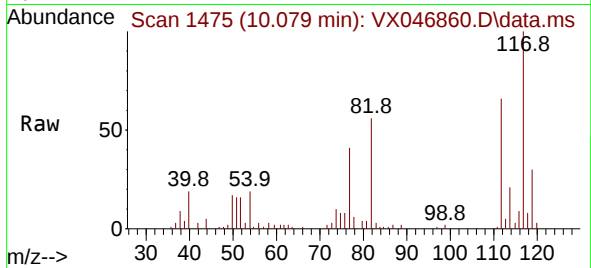




#65
Chlorobenzene
Concen: 1.028 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

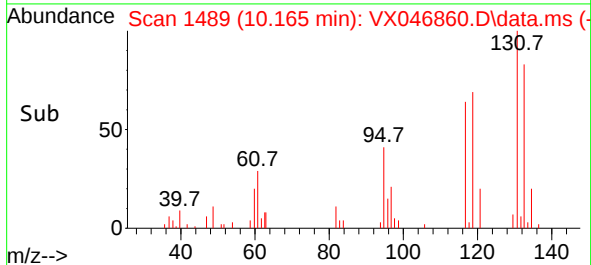
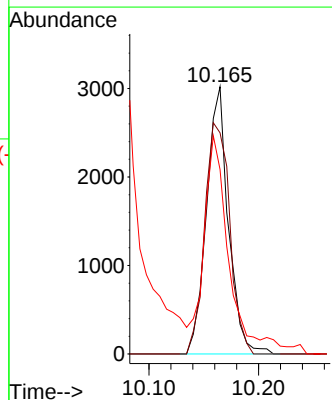
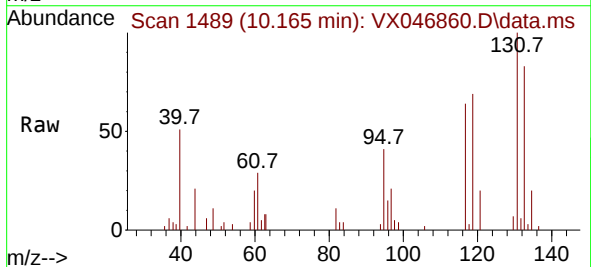
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

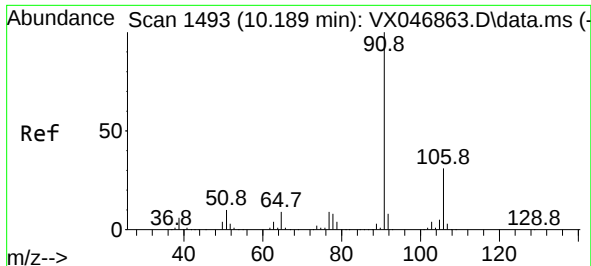
Tgt Ion:112 Resp: 12712
Ion Ratio Lower Upper
112 100
114 32.3 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.008 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:131 Resp: 4188
Ion Ratio Lower Upper
131 100
133 98.5 47.6 142.9
119 0.0 32.4 97.2#





#67

Ethyl Benzene

Concen: 0.978 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

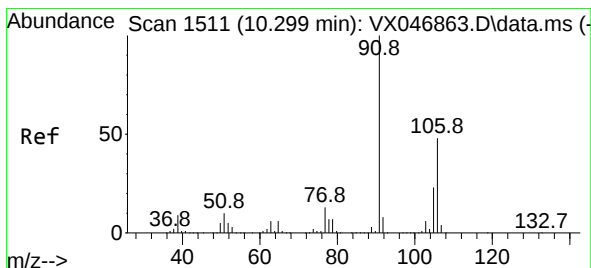
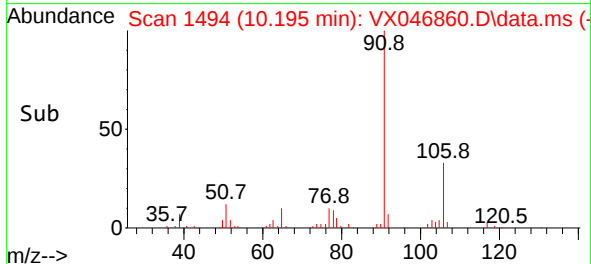
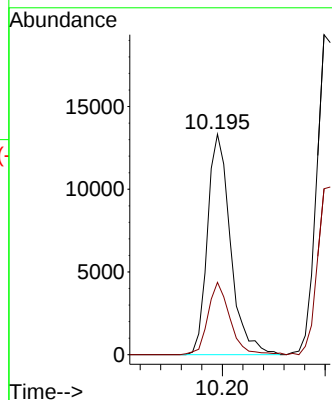
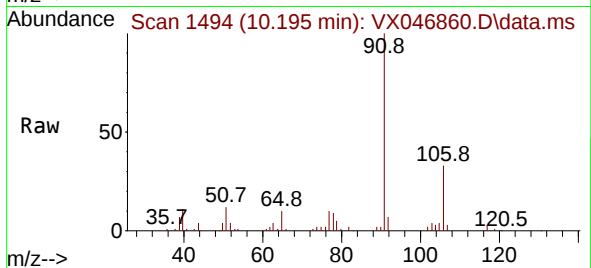
VSTDIC001

Tgt Ion: 91 Resp: 20707

Ion Ratio Lower Upper

91 100

106 32.8 24.4 36.6



#68

m/p-Xylenes

Concen: 2.011 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046860.D

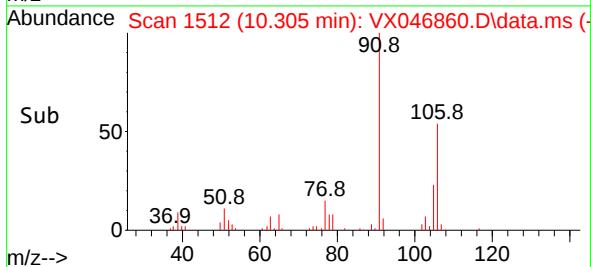
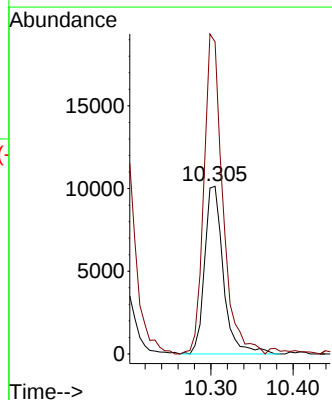
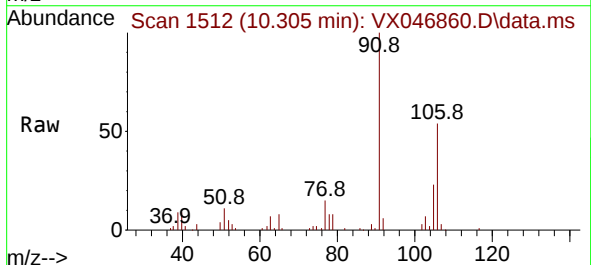
Acq: 02 Jul 2025 12:11

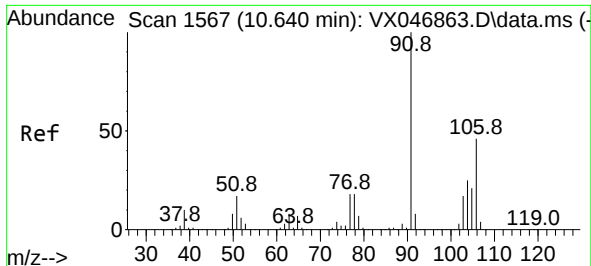
Tgt Ion: 106 Resp: 16047

Ion Ratio Lower Upper

106 100

91 191.7 164.6 246.8

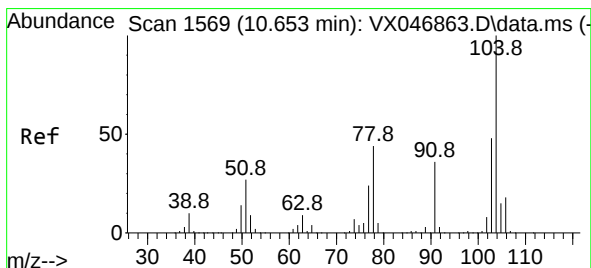
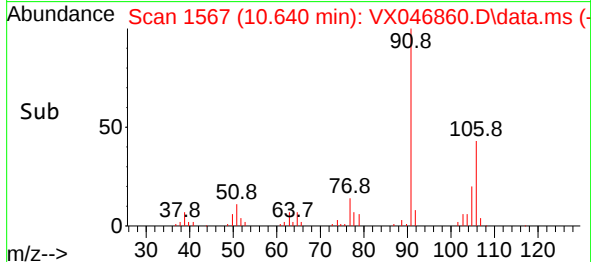
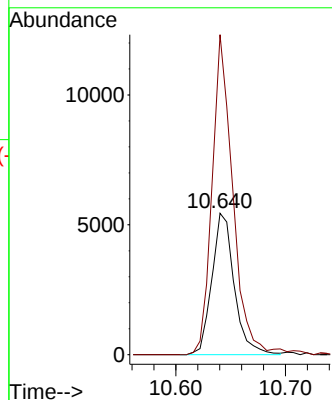
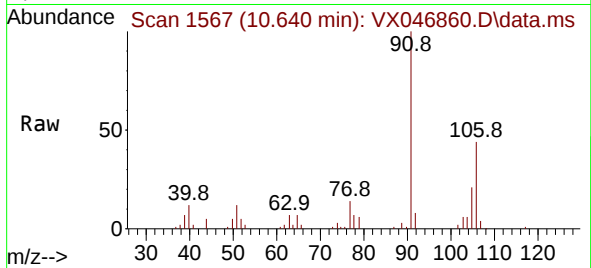




#69
o-Xylene
Concen: 1.002 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

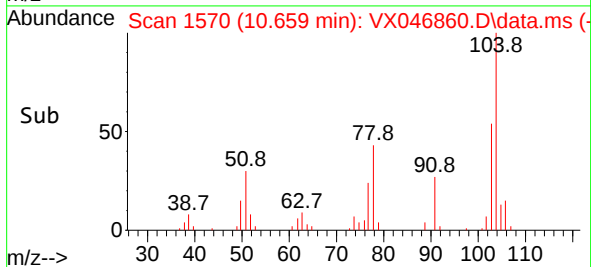
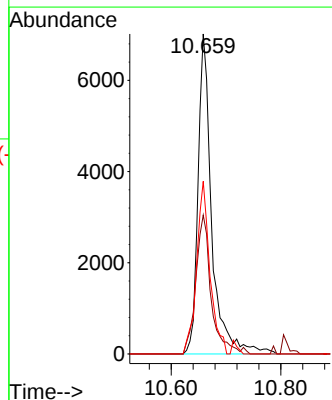
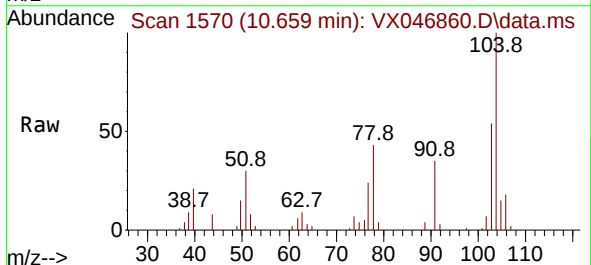
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

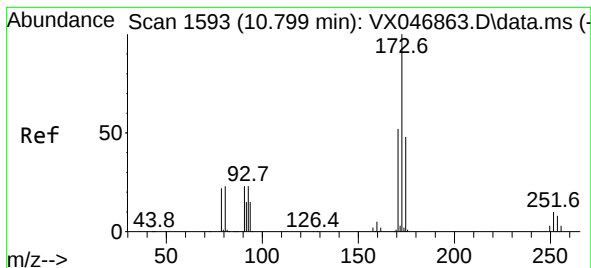
Tgt Ion:106 Resp: 7726
Ion Ratio Lower Upper
106 100
91 211.0 109.5 328.5



#70
Styrene
Concen: 0.928 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:104 Resp: 12236
Ion Ratio Lower Upper
104 100
78 48.4 40.3 60.5
103 52.5 42.8 64.2





#71

Bromoform

Concen: 0.994 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

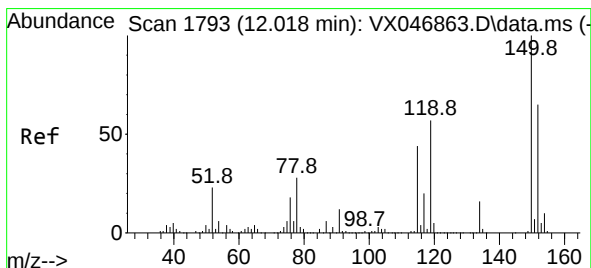
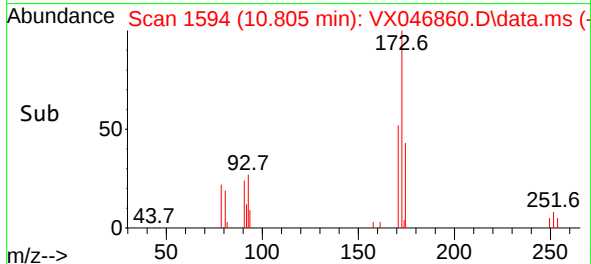
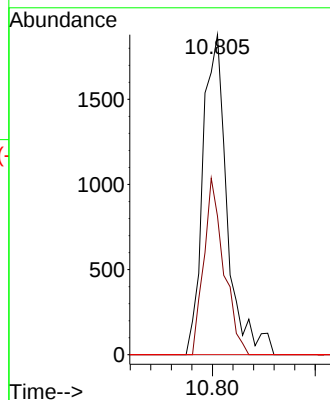
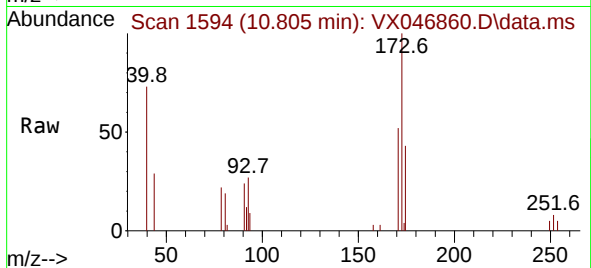
Tgt Ion:173 Resp: 3071

Ion Ratio Lower Upper

173 100

175 45.7 23.8 71.5

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: VX046860.D

Acq: 02 Jul 2025 12:11

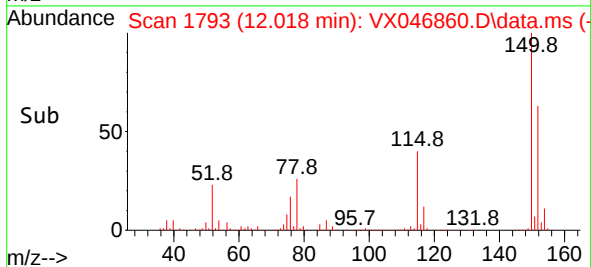
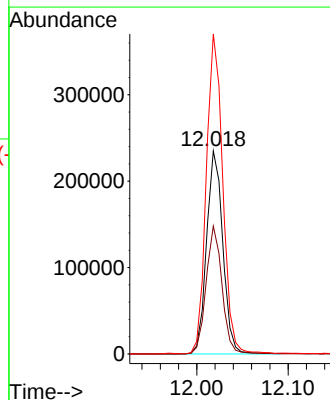
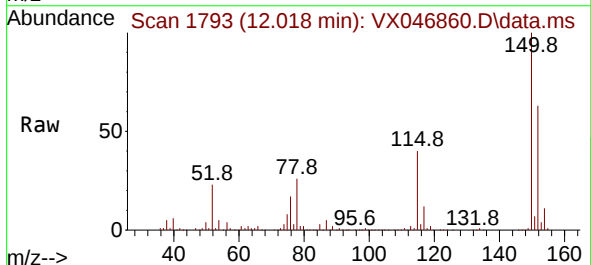
Tgt Ion:152 Resp: 290571

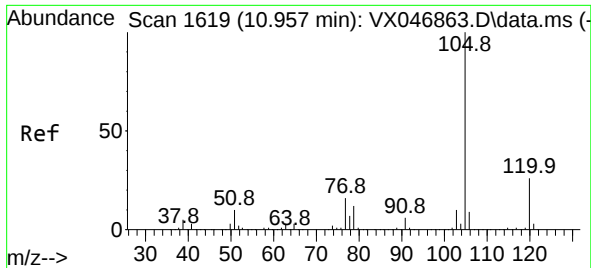
Ion Ratio Lower Upper

152 100

115 62.0 42.4 127.1

150 159.2 0.0 349.2

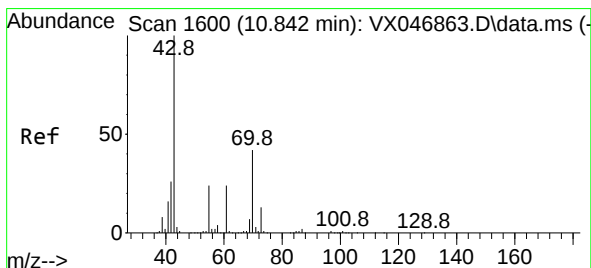
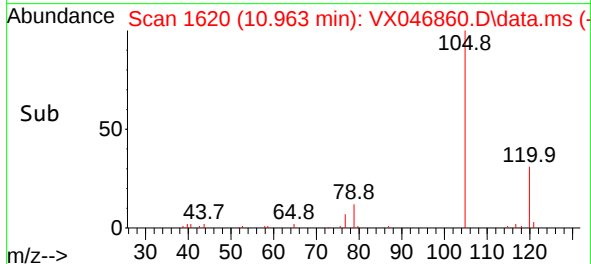
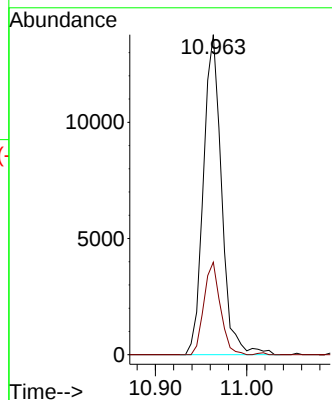
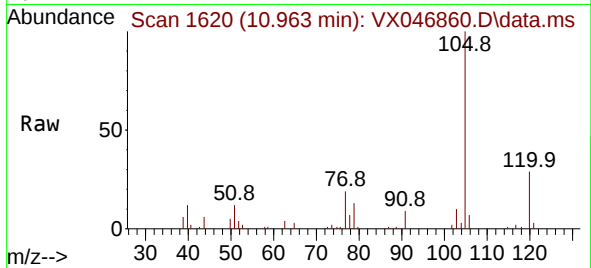




#73
Isopropylbenzene
Concen: 0.929 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

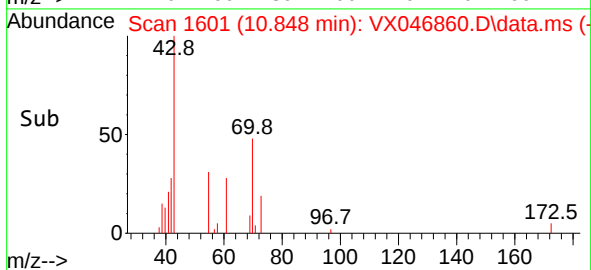
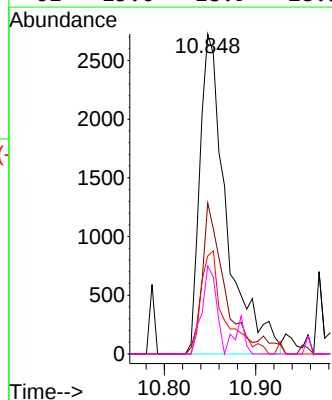
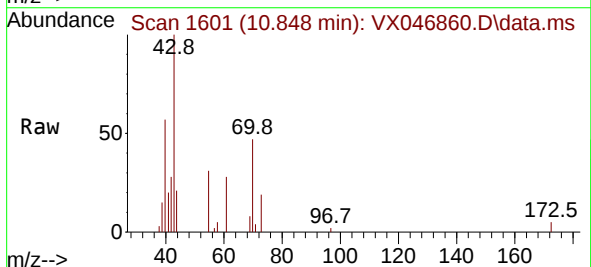
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

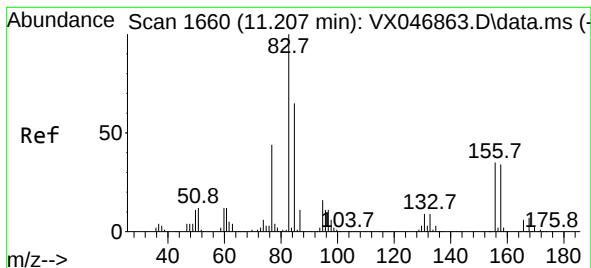
Tgt Ion:105 Resp: 18985
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 0.798 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 43 Resp: 5537
Ion Ratio Lower Upper
43 100
70 37.8 33.4 50.2
55 27.5 19.6 29.4
61 15.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.034 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

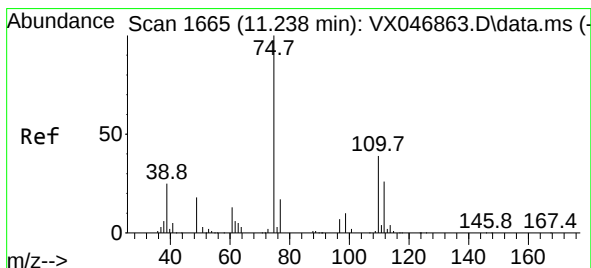
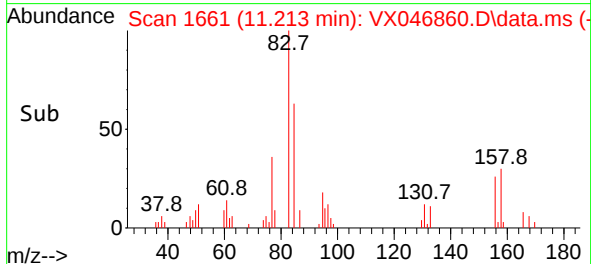
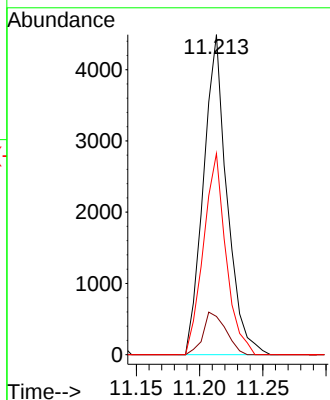
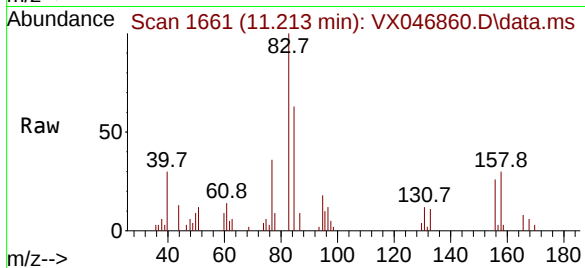
Tgt Ion: 83 Resp: 5809

Ion Ratio Lower Upper

83 100

131 12.8 5.0 14.9

85 60.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 0.308 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. -0.220 min

Lab File: VX046860.D

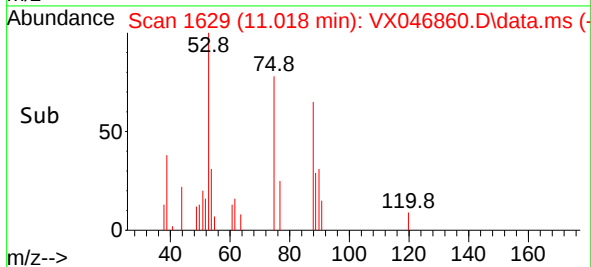
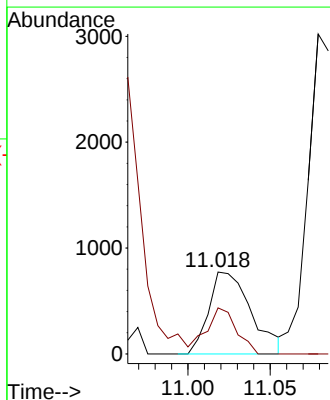
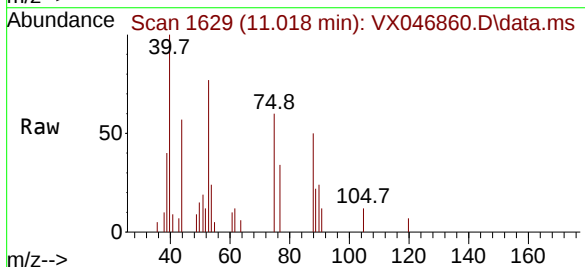
Acq: 02 Jul 2025 12:11

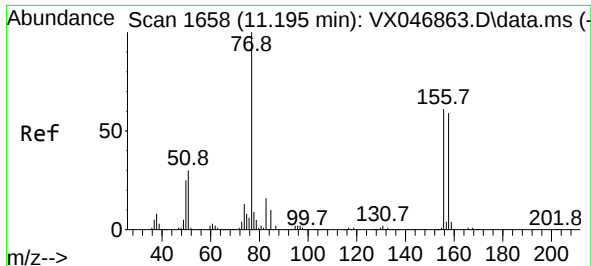
Tgt Ion: 75 Resp: 1382

Ion Ratio Lower Upper

75 100

77 40.0 20.6 61.8

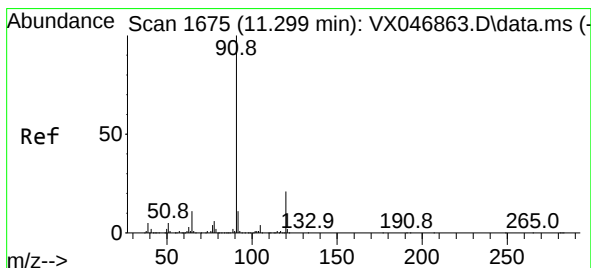
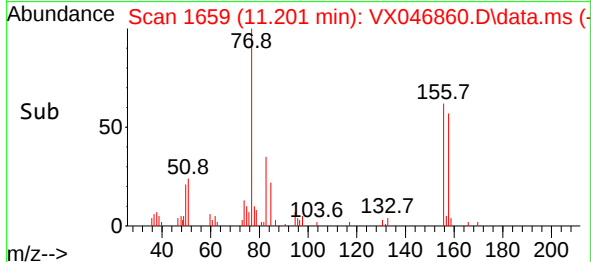
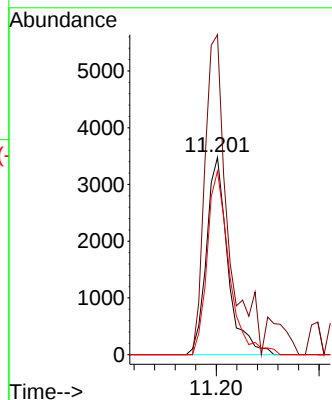
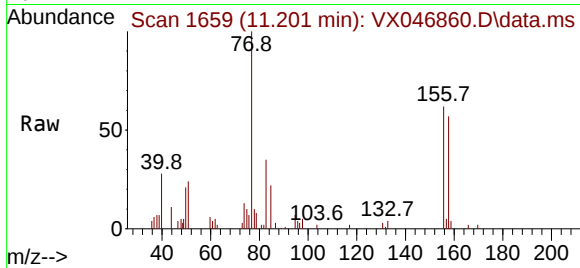




#77
Bromobenzene
Concen: 0.992 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

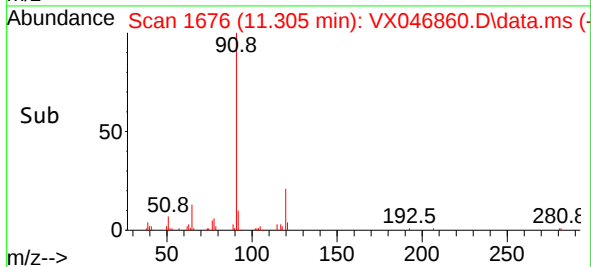
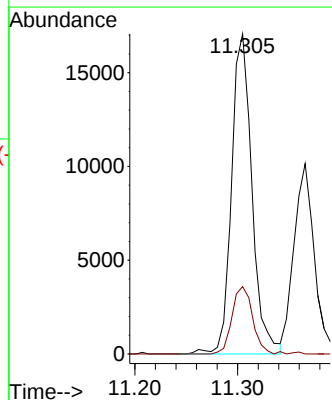
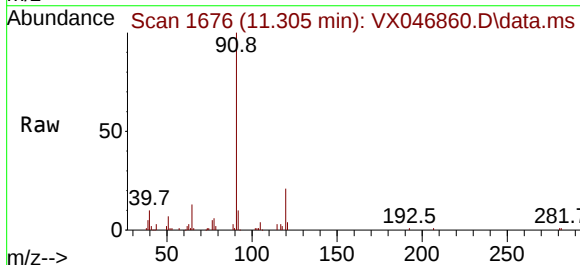
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

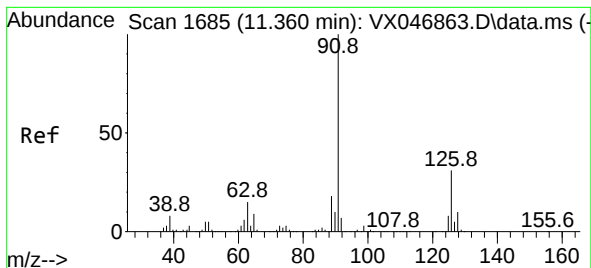
Tgt Ion:156 Resp: 5045
Ion Ratio Lower Upper
156 100
77 172.5 82.3 247.0
158 95.5 47.5 142.6



#78
n-propylbenzene
Concen: 0.955 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 91 Resp: 23522
Ion Ratio Lower Upper
91 100
120 21.3 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.975 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

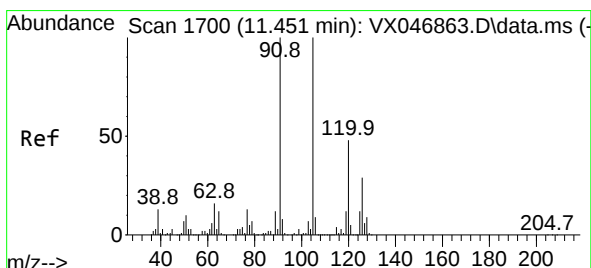
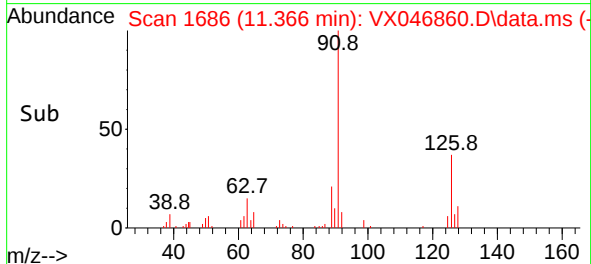
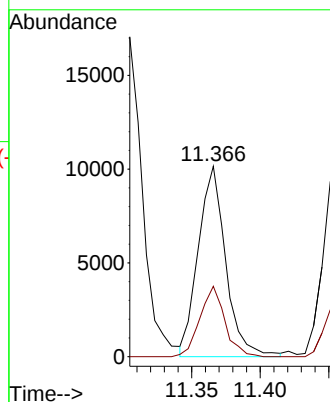
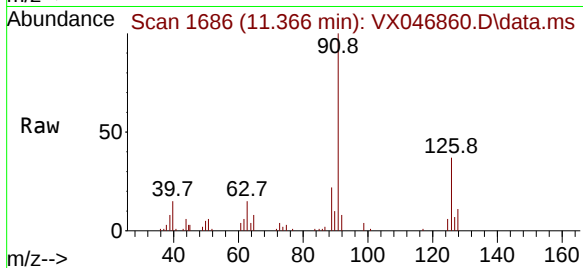
VSTDIC001

Tgt Ion: 91 Resp: 14185

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.901 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046860.D

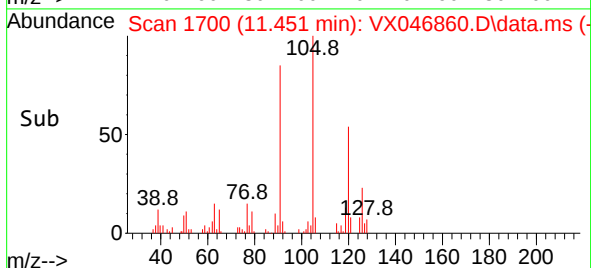
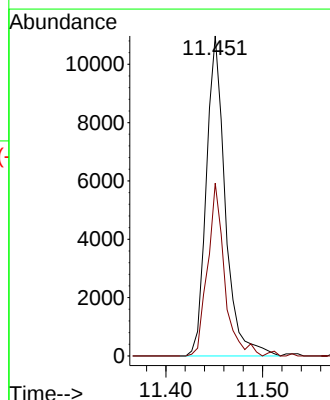
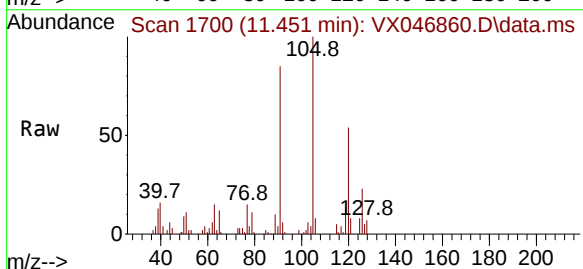
Acq: 02 Jul 2025 12:11

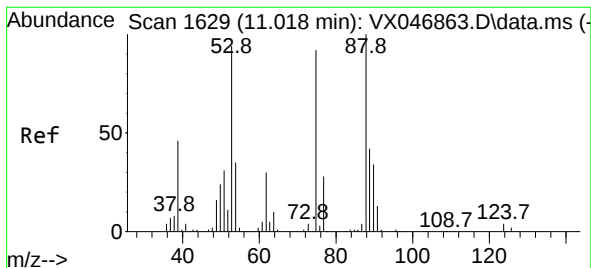
Tgt Ion: 105 Resp: 14958

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4

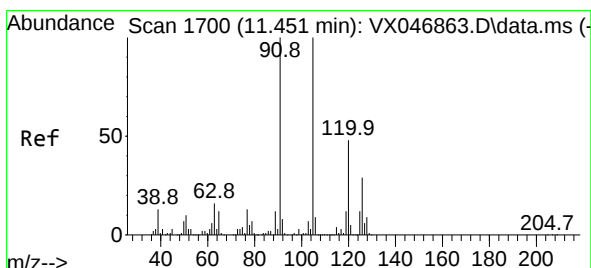
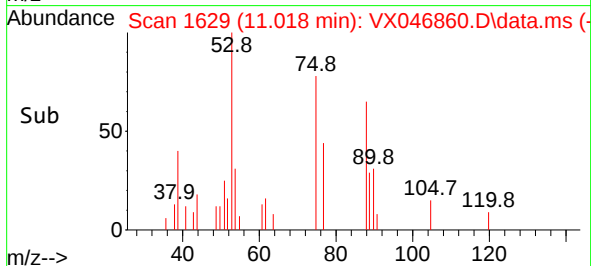
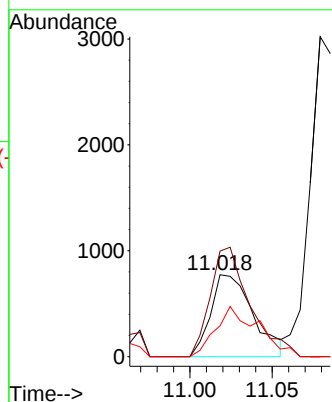
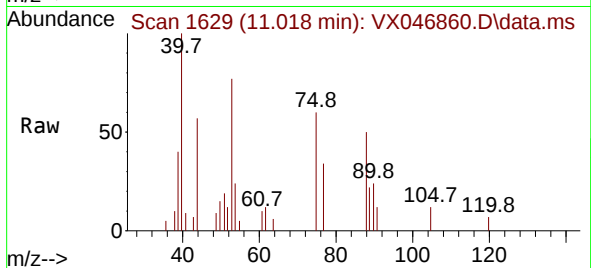




#81
trans-1,4-Dichloro-2-butene
Concen: 0.826 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

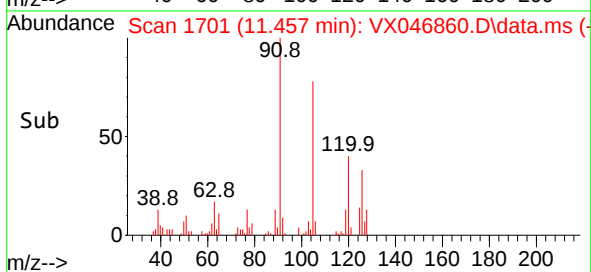
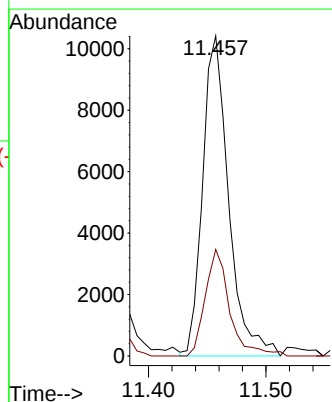
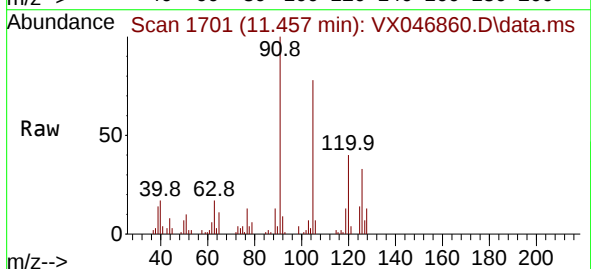
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

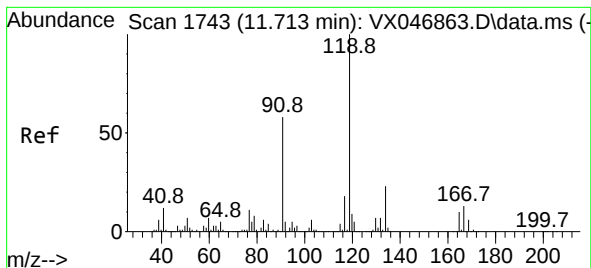
Tgt Ion: 75 Resp: 1382
Ion Ratio Lower Upper
75 100
53 125.3 83.7 125.5
89 61.6 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.954 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 91 Resp: 16012
Ion Ratio Lower Upper
91 100
126 31.2 14.6 44.0





#83

tert-Butylbenzene

Concen: 0.927 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

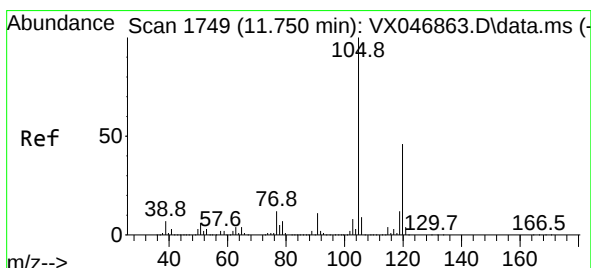
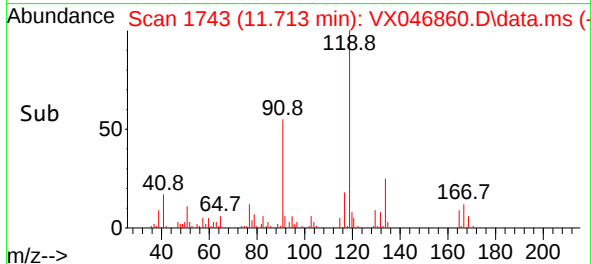
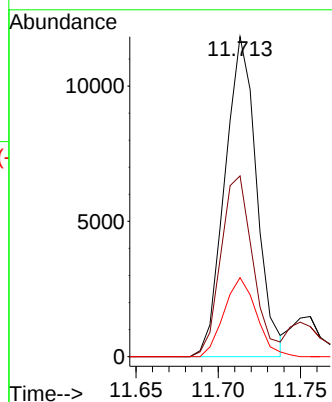
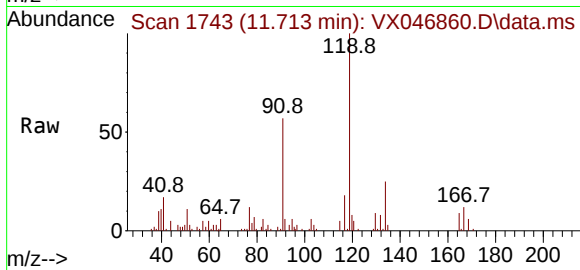
Tgt Ion:119 Resp: 15883

Ion Ratio Lower Upper

119 100

91 57.5 28.7 86.3

134 25.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 0.906 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046860.D

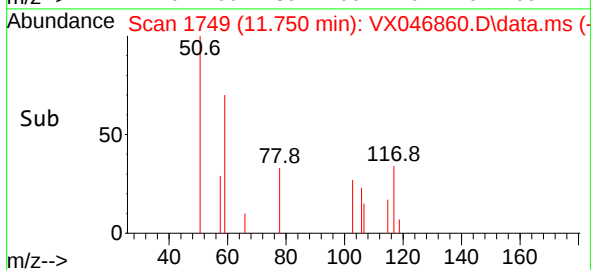
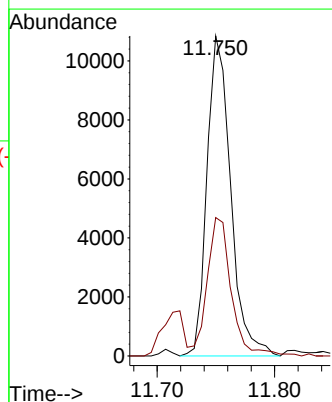
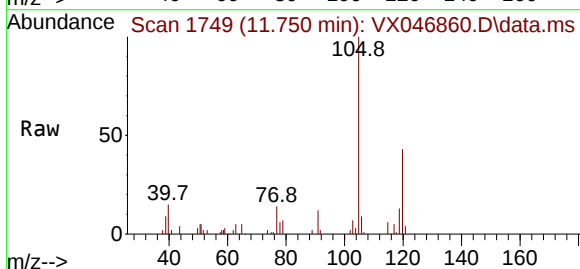
Acq: 02 Jul 2025 12:11

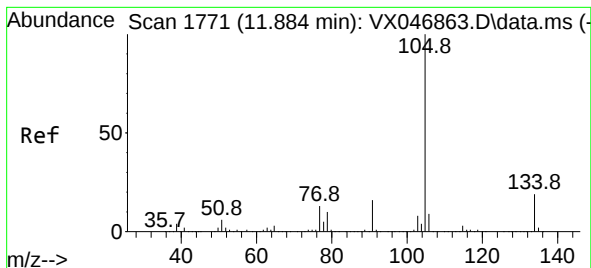
Tgt Ion:105 Resp: 15197

Ion Ratio Lower Upper

105 100

120 44.1 23.3 69.8

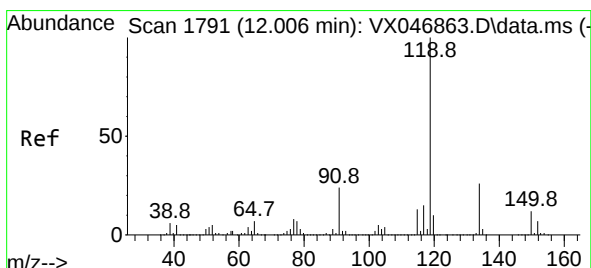
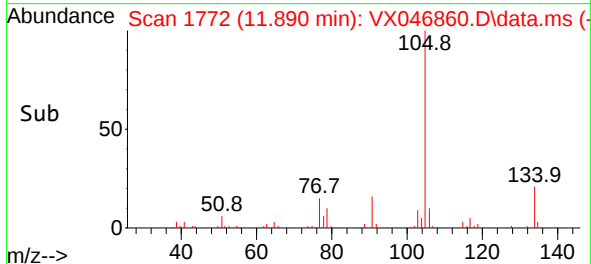
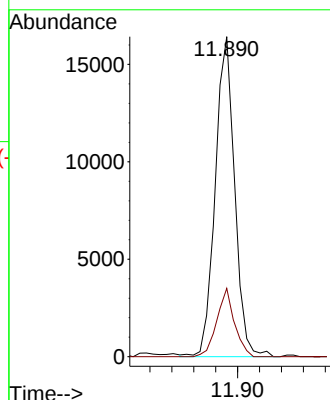
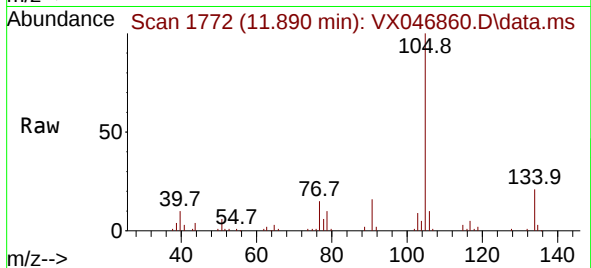




#85
sec-Butylbenzene
Concen: 0.934 ug/l
RT: 11.890 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

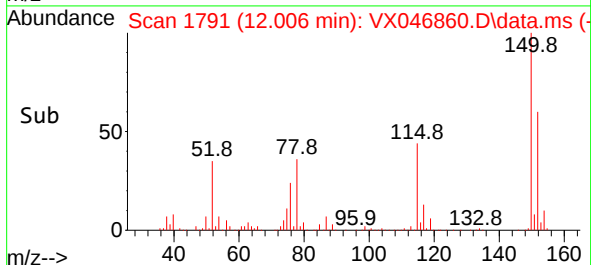
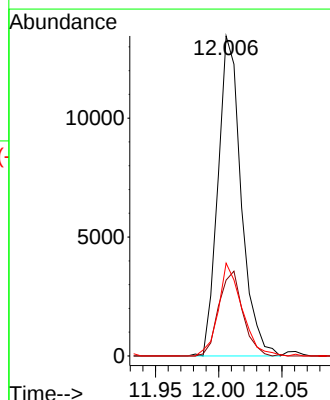
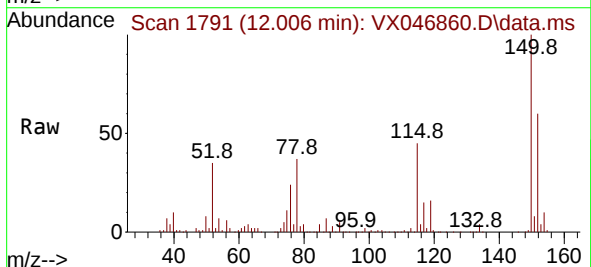
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 20193
Ion Ratio Lower Upper
105 100
134 19.4 9.9 29.7



#86
p-Isopropyltoluene
Concen: 0.946 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion:119 Resp: 17131
Ion Ratio Lower Upper
119 100
134 27.5 13.0 39.0
91 29.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 0.987 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

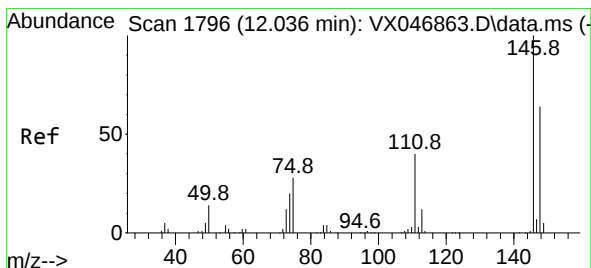
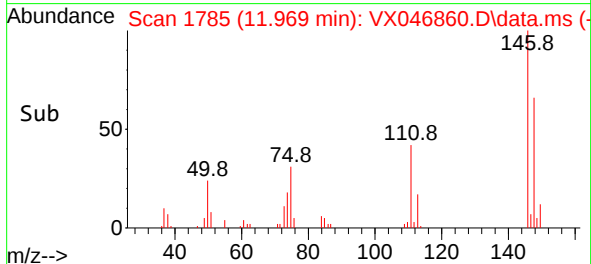
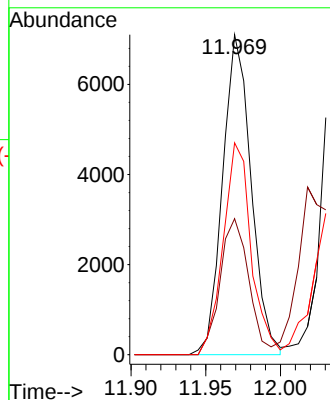
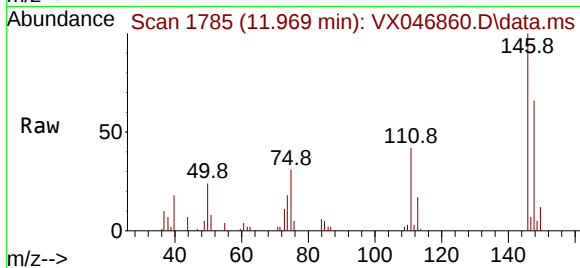
Tgt Ion:146 Resp: 9388

Ion Ratio Lower Upper

146 100

111 42.9 20.5 61.6

148 65.2 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.948 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

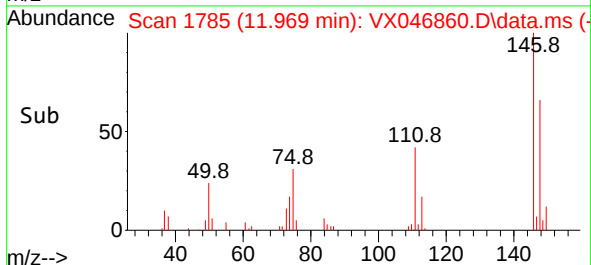
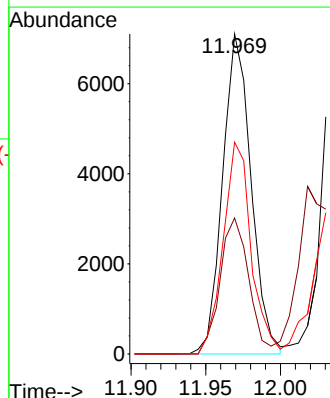
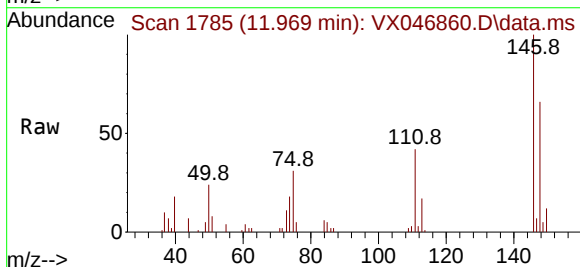
Tgt Ion:146 Resp: 9388

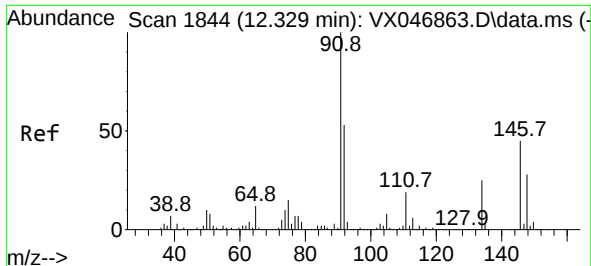
Ion Ratio Lower Upper

146 100

111 42.9 20.2 60.5

148 65.2 32.4 97.0





#89

n-Butylbenzene

Concen: 0.939 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

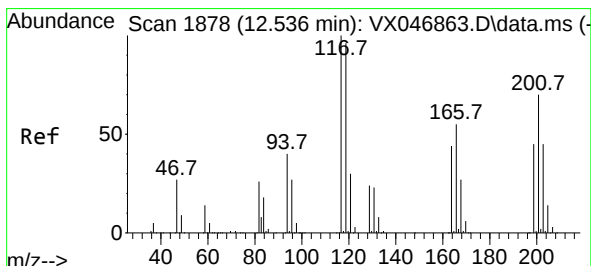
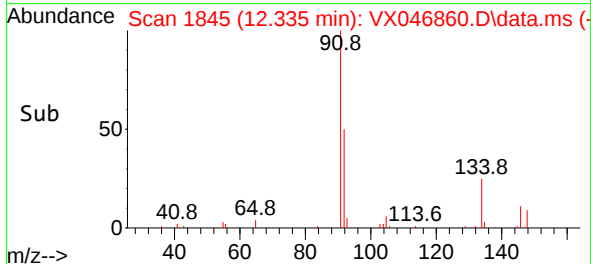
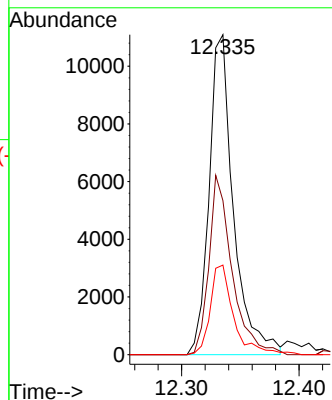
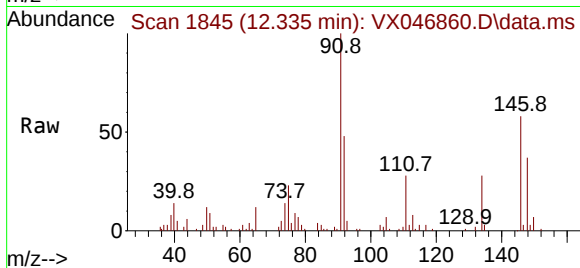
Tgt Ion: 91 Resp: 15963

Ion Ratio Lower Upper

91 100

92 53.4 27.0 81.0

134 27.0 12.8 38.4



#90

Hexachloroethane

Concen: 0.960 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046860.D

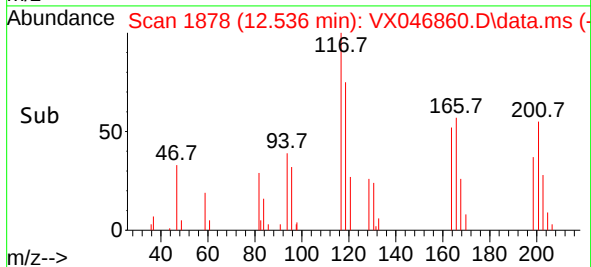
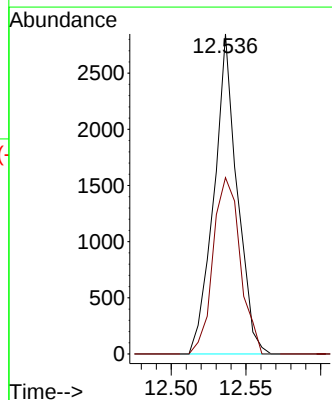
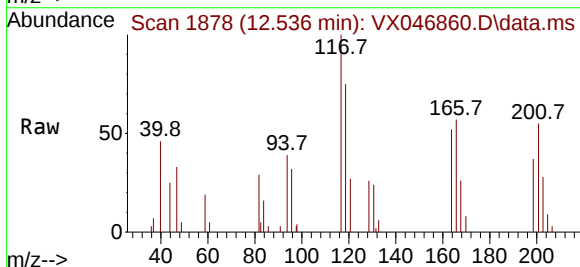
Acq: 02 Jul 2025 12:11

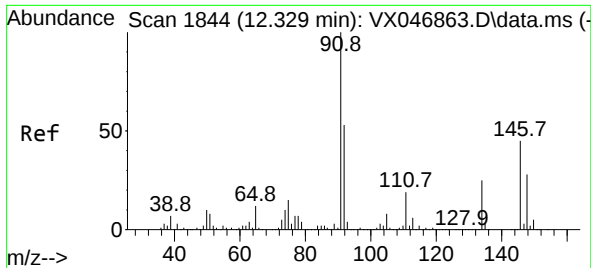
Tgt Ion: 117 Resp: 3079

Ion Ratio Lower Upper

117 100

201 64.3 35.8 107.4

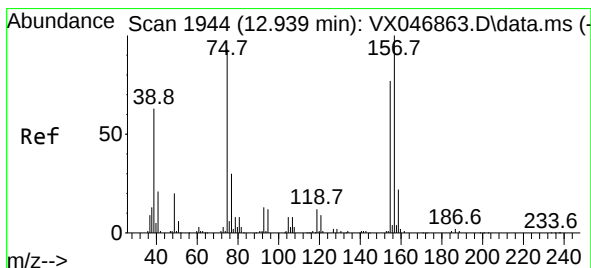
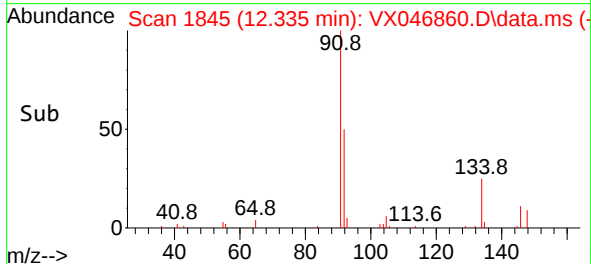
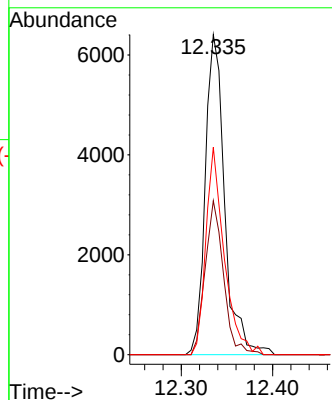
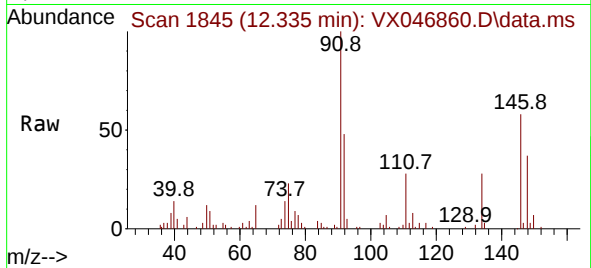




#91
1,2-Dichlorobenzene
Concen: 1.025 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

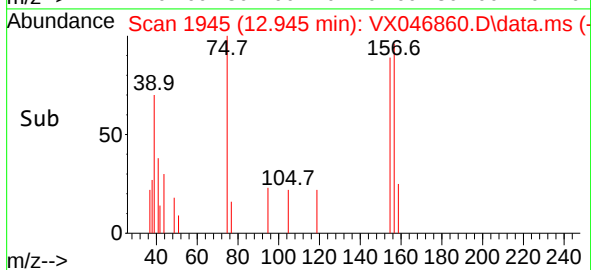
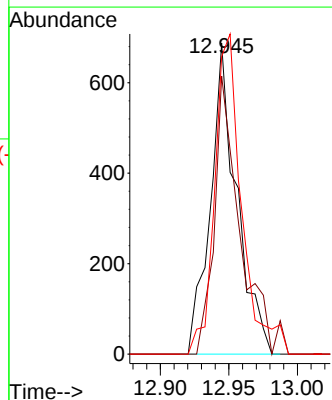
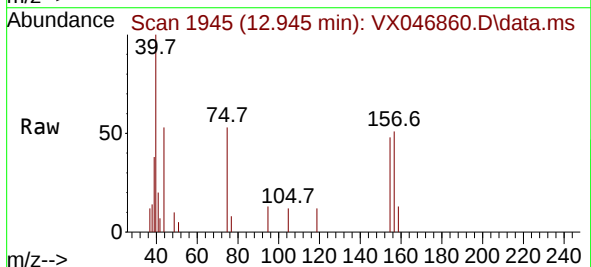
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 9448
Ion Ratio Lower Upper
146 100
111 45.7 21.1 63.1
148 61.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.937 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX046860.D
Acq: 02 Jul 2025 12:11

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
155 87.3 43.1 129.4
157 105.3 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 0.942 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

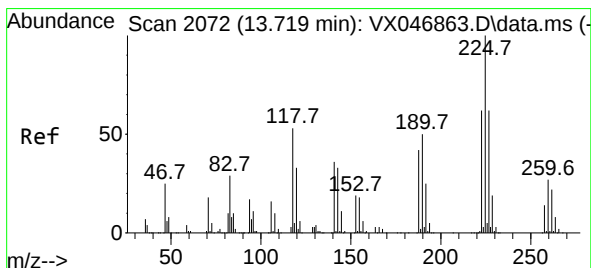
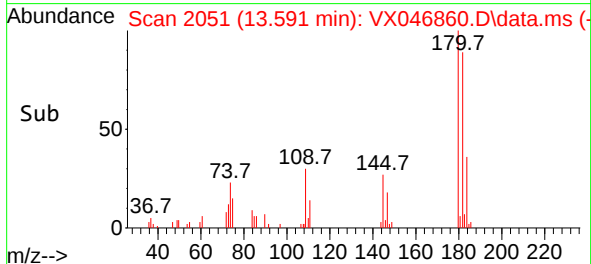
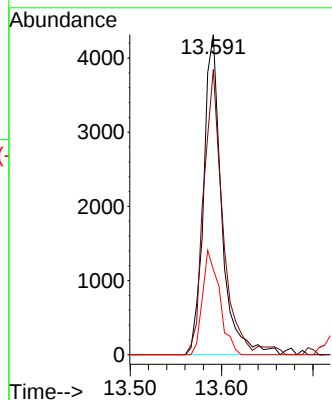
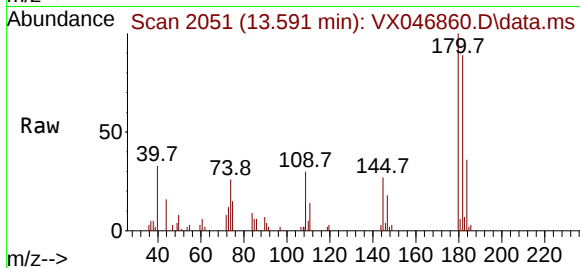
Tgt Ion:180 Resp: 5904

Ion Ratio Lower Upper

180 100

182 93.1 47.3 141.9

145 30.9 16.1 48.2



#94

Hexachlorobutadiene

Concen: 0.966 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

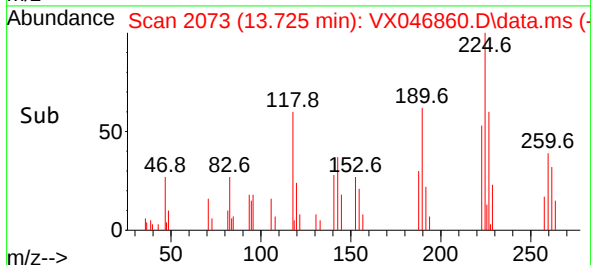
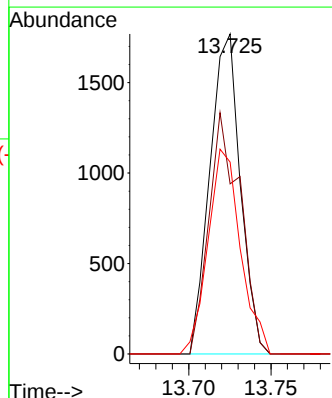
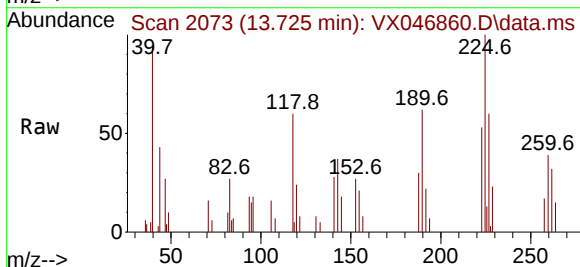
Tgt Ion:225 Resp: 2281

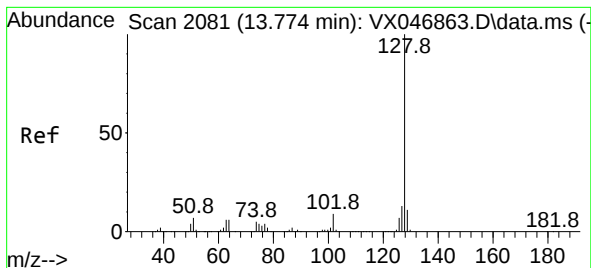
Ion Ratio Lower Upper

225 100

223 77.4 31.6 94.7

227 68.4 31.6 94.7





#95

Naphthalene

Concen: 0.778 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

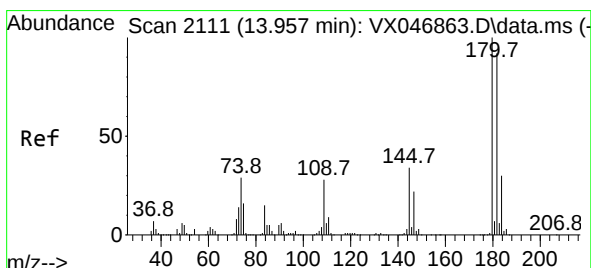
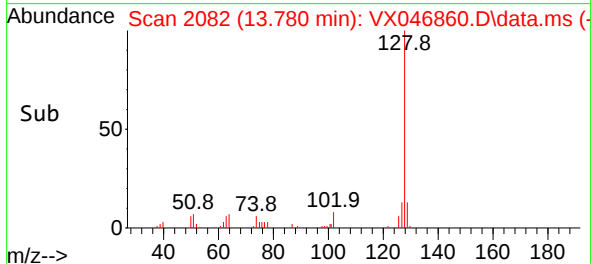
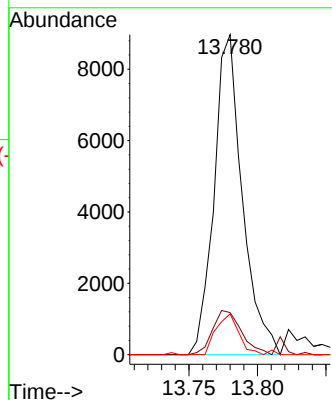
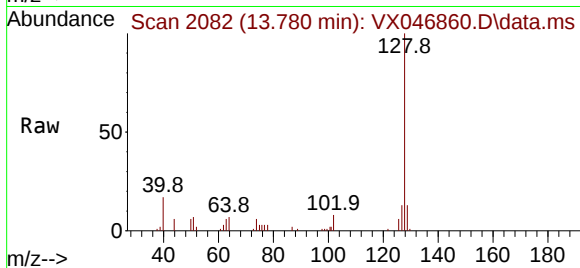
Tgt Ion:128 Resp: 12846

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.884 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046860.D

Acq: 02 Jul 2025 12:11

Tgt Ion:180 Resp: 5231

Ion Ratio Lower Upper

180 100

182 99.6 46.7 140.1

145 33.2 16.8 50.3

