

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070725\
 Data File : VX046894.D
 Acq On : 07 Jul 2025 09:34
 Operator : JC/MD
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

Quant Time: Jul 08 04:43:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 04:37:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	401516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	700254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	653690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	329997	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	268286	50.578	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.160%	
35) Dibromofluoromethane	5.397	113	227632	47.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.780%	
50) Toluene-d8	8.647	98	842039	50.209	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	11.079	95	322420	50.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.185	85	116	0.030	ug/l #	43
3) Chloromethane	1.319	50	345	0.082	ug/l	91
5) Bromomethane	1.636	94	1001	0.341	ug/l	91
6) Chloroethane	1.666	64	584	0.194	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	2.349	101	53	0.012	ug/l #	20
10) Methyl Iodide	2.489	142	1330	0.271	ug/l #	42
12) 1,1-Dichloroethene	2.075	96	22	0.005	ug/l #	1
14) Allyl chloride	2.672	41	182	0.023	ug/l #	26
16) Acetone	2.386	43	783	0.475	ug/l #	42
17) Carbon Disulfide	2.532	76	5335	0.467	ug/l	97
18) Methyl Acetate	2.709	43	176	0.041	ug/l #	53
20) Methylene Chloride	2.800	84	980	0.201	ug/l #	66
21) trans-1,2-Dichloroethene	3.111	96	27	0.006	ug/l #	65
23) Vinyl Acetate	3.757	43	173	0.015	ug/l #	72
25) 2-Butanone	4.538	43	183	0.083	ug/l #	50
27) cis-1,2-Dichloroethene	4.532	96	20	0.004	ug/l #	4
28) Bromochloromethane	4.928	49	33	0.008	ug/l #	13
29) Tetrahydrofuran	5.135	42	19	0.014	ug/l #	34
31) Cyclohexane	5.568	56	8645	1.140	ug/l #	1
32) 1,1,1-Trichloroethane	5.513	97	72	0.010	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	31461	4.906	ug/l #	51
37) Ethyl Acetate	4.715	43	24	0.004	ug/l #	70
38) Carbon Tetrachloride	5.556	117	40461	5.967	ug/l #	16
39) Methylcyclohexane	7.385	83	384	0.048	ug/l #	60
40) Benzene	6.050	78	59	0.003	ug/l #	52
41) Methacrylonitrile	5.062	41	31	0.011	ug/l #	8
42) 1,2-Dichloroethane	6.105	62	649	0.099	ug/l #	74
43) Isopropyl Acetate	6.336	43	192	0.023	ug/l #	61
45) 1,2-Dichloropropane	7.312	63	47	0.010	ug/l #	44
51) 4-Methyl-2-Pentanone	8.592	43	173	0.035	ug/l #	37
52) Toluene	8.714	92	22	0.002	ug/l #	1
54) cis-1,3-Dichloropropene	8.391	75	19	0.003	ug/l #	33
55) 1,1,2-Trichloroethane	9.147	97	25	0.006	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.488	63	57	0.016	ug/l #	47
59) 2-Hexanone	9.384	43	160	0.049	ug/l #	24
60) Dibromochloromethane	9.275	129	28	0.005	ug/l #	10

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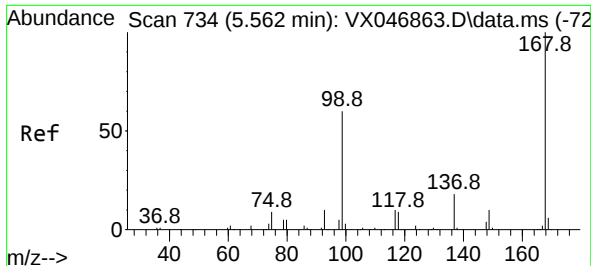
Instrument :
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 ClientSampleId :
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Quant Time: Jul 08 04:43:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

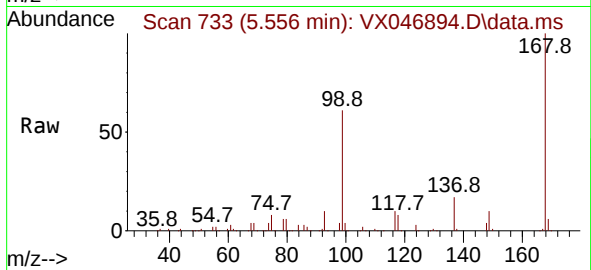
61) 1,2-Dibromoethane	9.634	107	40	0.009	ug/l #	3
64) Tetrachloroethene	9.281	164	21	0.005	ug/l #	19
65) Chlorobenzene	10.079	112	333	0.024	ug/l #	42
67) Ethyl Benzene	10.214	91	251	0.010	ug/l #	44
68) m/p-Xylenes	10.311	106	243	0.027	ug/l #	64
69) o-Xylene	10.659	106	34	0.004	ug/l #	1
70) Styrene	10.677	104	28	0.002	ug/l #	39
71) Bromoform	10.799	173	308	0.087	ug/l #	29
73) Isopropylbenzene	10.970	105	437	0.019	ug/l #	49
74) N-amyl acetate	10.854	43	30	0.004	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.073	83	264	0.041	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	165620	32.481	ug/l #	36
77) Bromobenzene	11.195	156	100	0.017	ug/l	88
78) n-propylbenzene	11.317	91	861	0.031	ug/l	94
79) 2-Chlorotoluene	11.469	91	709	0.043	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	458	0.024	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	165620	87.164	ug/l #	8
82) 4-Chlorotoluene	11.469	91	709	0.037	ug/l	90
83) tert-Butylbenzene	11.707	119	372	0.019	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.756	105	638	0.033	ug/l	72
85) sec-Butylbenzene	11.884	105	1082	0.044	ug/l	90
86) p-Isopropyltoluene	12.012	119	1280	0.062	ug/l #	17
87) 1,3-Dichlorobenzene	11.975	146	650	0.060	ug/l	89
88) 1,4-Dichlorobenzene	11.975	146	650	0.058	ug/l	88
89) n-Butylbenzene	12.347	91	1582	0.082	ug/l	83
90) Hexachloroethane	12.542	117	72	0.020	ug/l #	14
91) 1,2-Dichlorobenzene	12.335	146	278	0.027	ug/l #	69
92) 1,2-Dibromo-3-Chloropr...	12.756	75	20	0.018	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	221	0.031	ug/l #	1
94) Hexachlorobutadiene	13.725	225	1807	0.673	ug/l	86
95) Naphthalene	13.798	128	1083	0.058	ug/l #	72
96) 1,2,3-Trichlorobenzene	13.963	180	449	0.067	ug/l	67

(#) = qualifier out of range (m) = manual integration (+) = signals summed

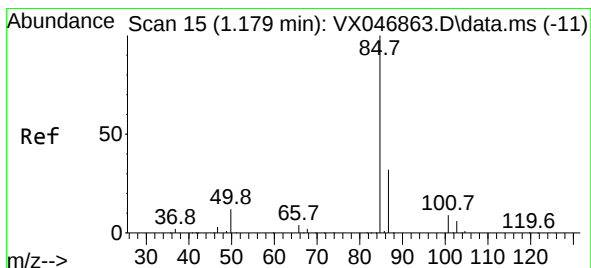
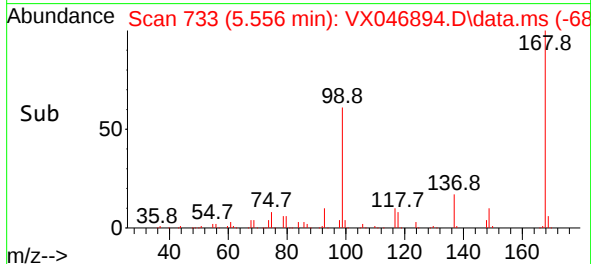
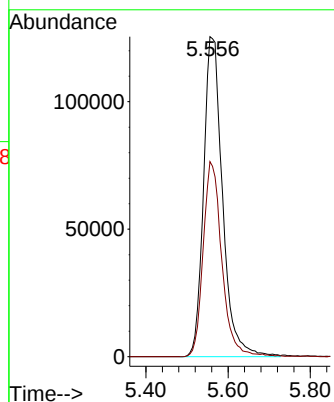


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046894.D
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ClientSampleId :
VX0707WBL01

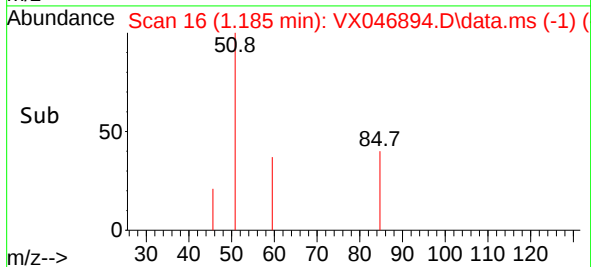
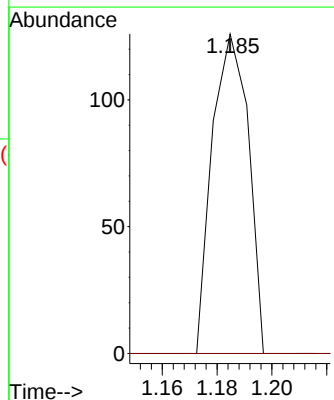
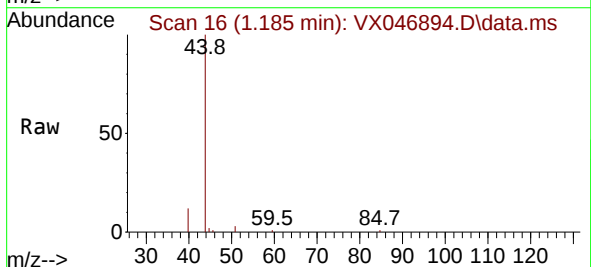


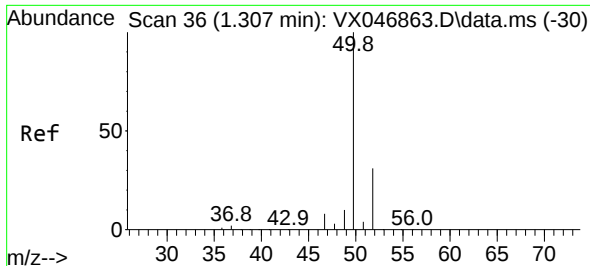
Tgt Ion:168 Resp: 401516
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.030 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 85 Resp: 116
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#

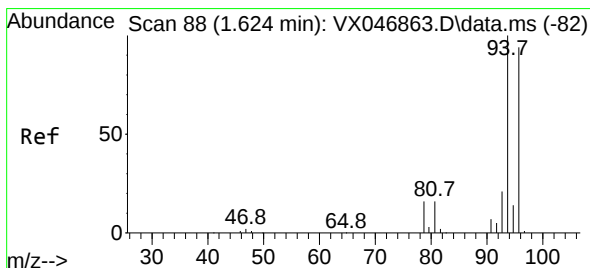
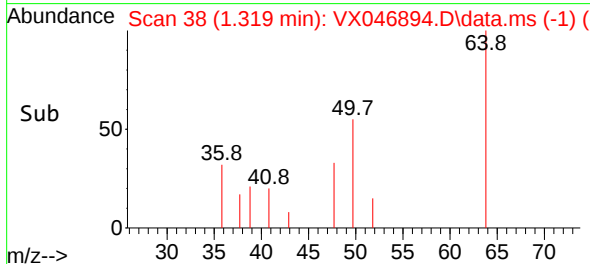
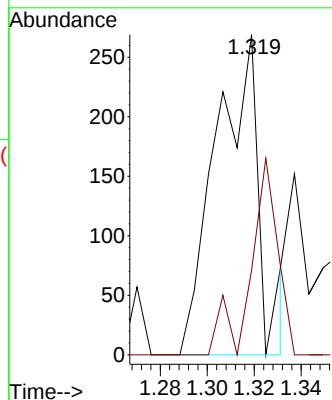
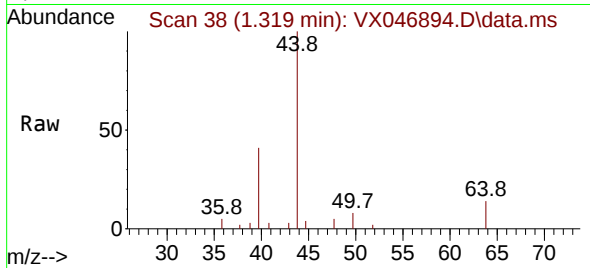




#3
Chloromethane
Concen: 0.082 ug/l
RT: 1.319 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

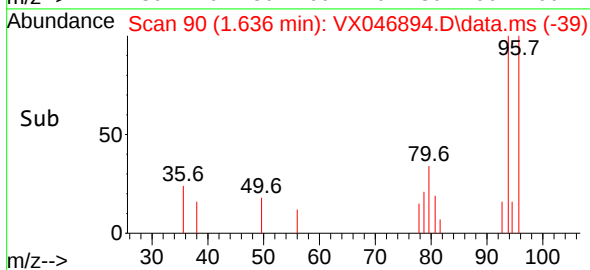
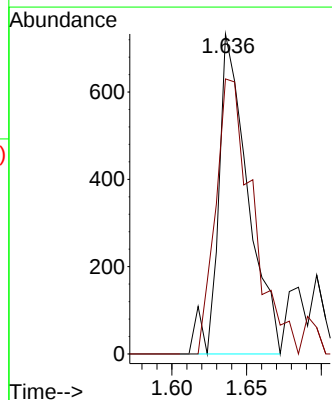
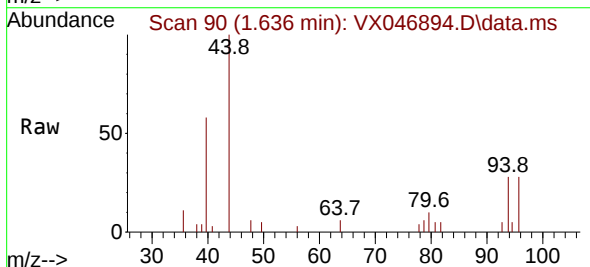
Instrument :
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ClientSampleId :
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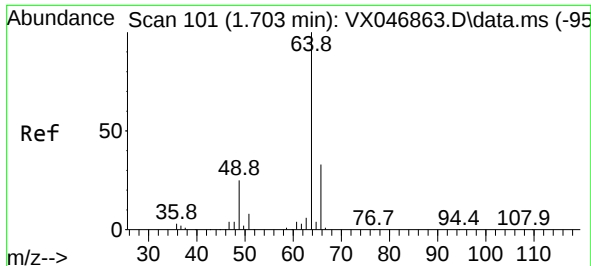
Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 26.4 25.0 37.4



#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 94 Resp: 1001
Ion Ratio Lower Upper
94 100
96 85.9 75.5 113.3

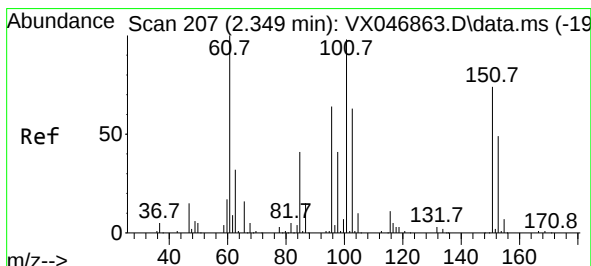
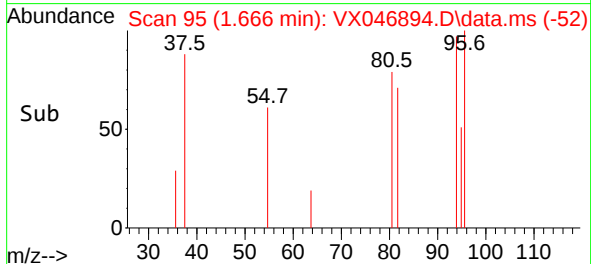
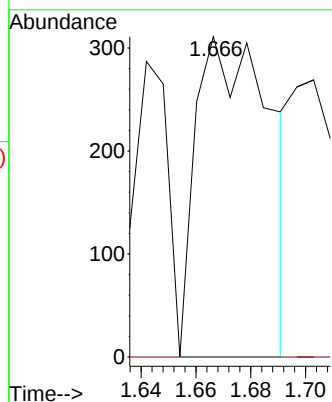
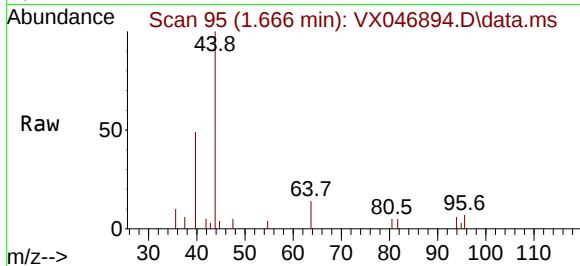




#6
Chloroethane
Concen: 0.194 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

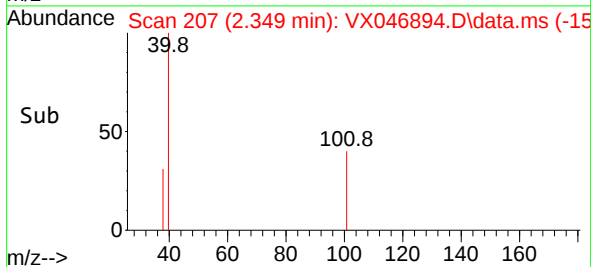
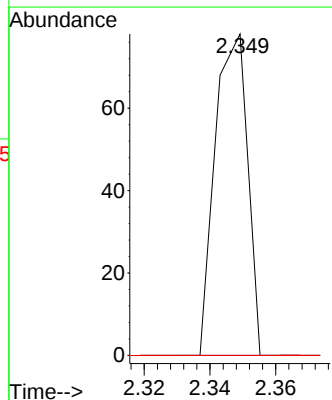
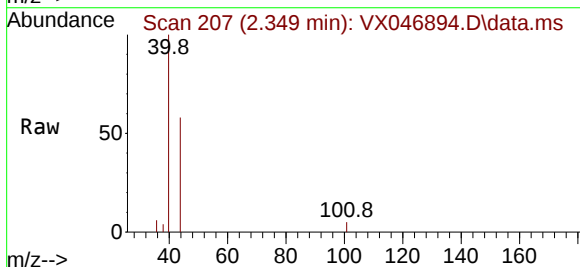
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

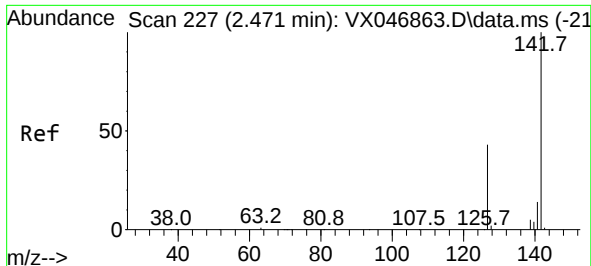
Tgt Ion: 64 Resp: 584
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.012 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 101 Resp: 53
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 59.9 89.9#

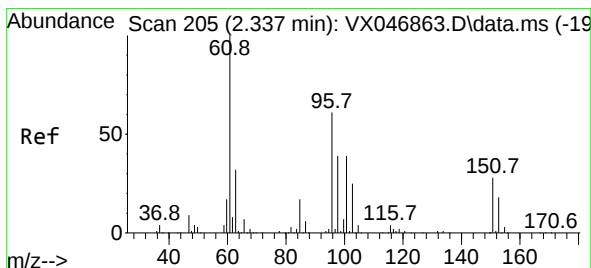
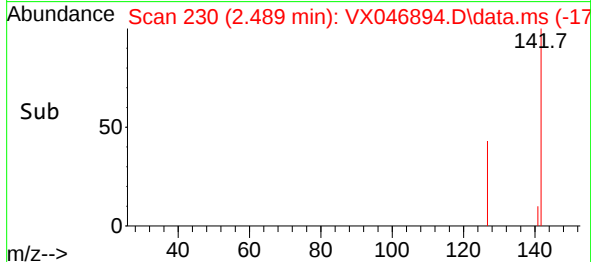
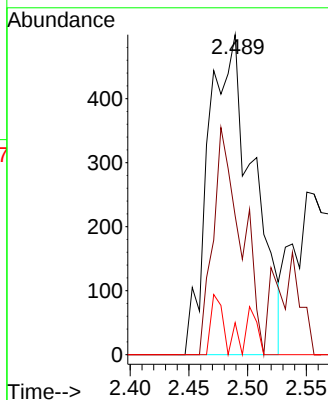
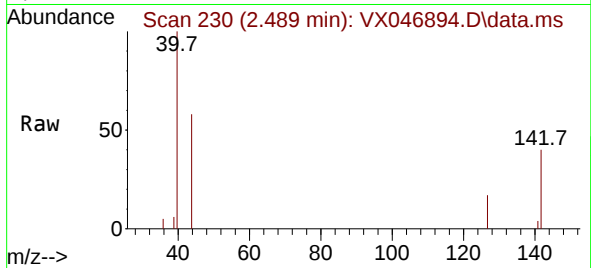




#10
Methyl Iodide
Concen: 0.271 ug/l
RT: 2.489 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

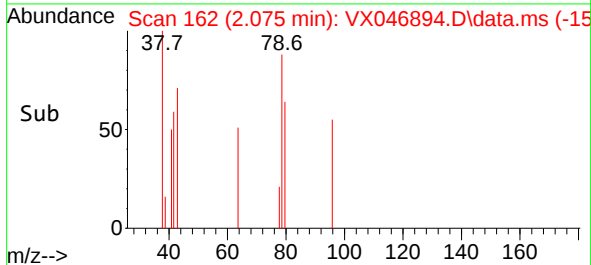
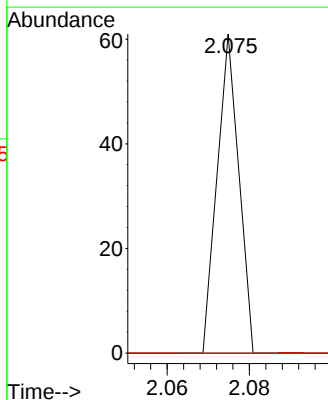
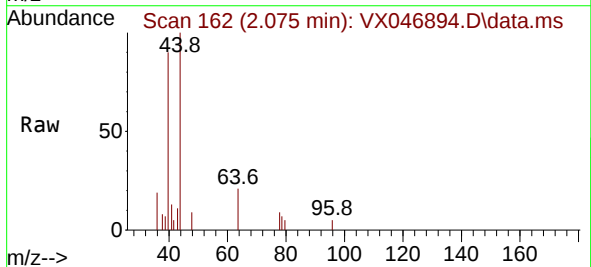
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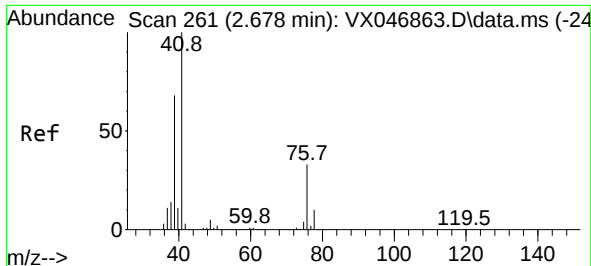
Tgt Ion:142 Resp: 1330
Ion Ratio Lower Upper
142 100
127 0.0 34.9 52.3#
141 3.5 11.1 16.7#



#12
1,1-Dichloroethene
Concen: 0.005 ug/l
RT: 2.075 min Scan# 162
Delta R.T. -0.262 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 96 Resp: 22
Ion Ratio Lower Upper
96 100
61 0.0 130.2 195.4#
98 0.0 51.3 76.9#

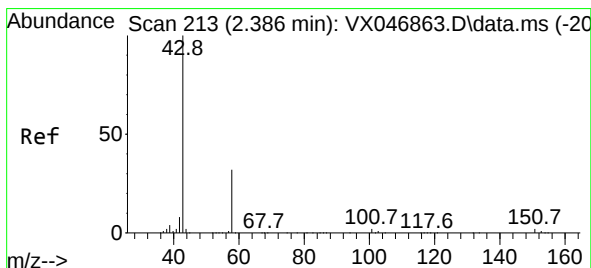
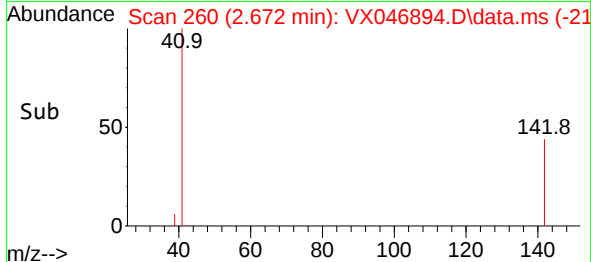
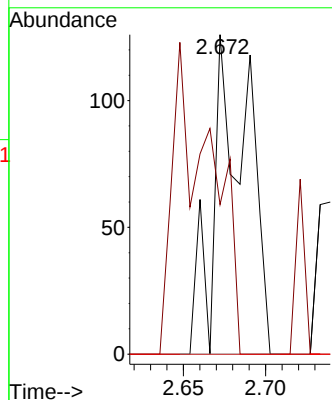
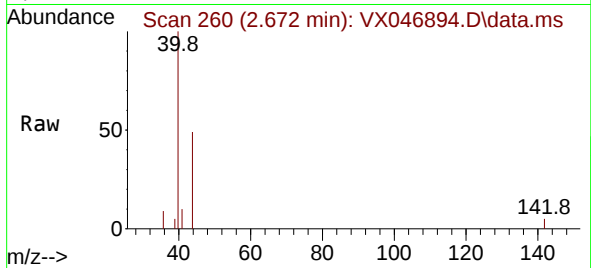




#14
 Allyl chloride
 Concen: 0.023 ug/l
 RT: 2.672 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

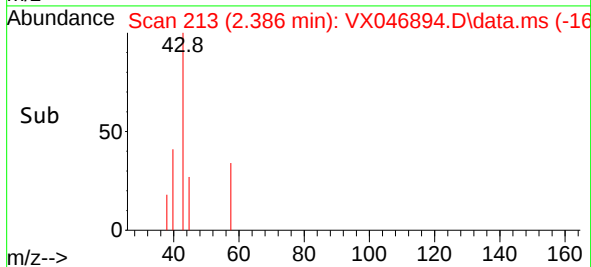
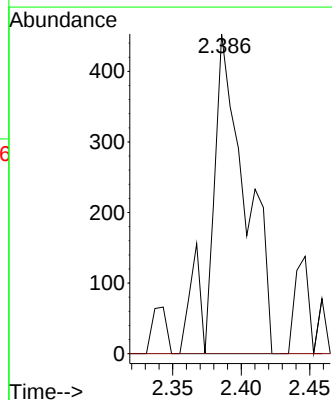
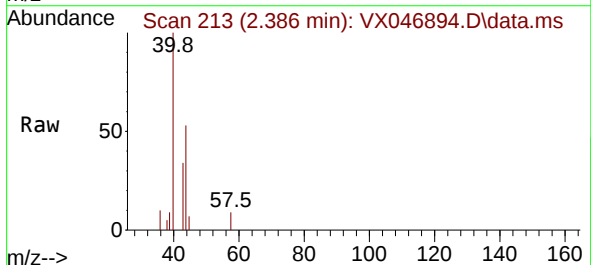
Instrument :
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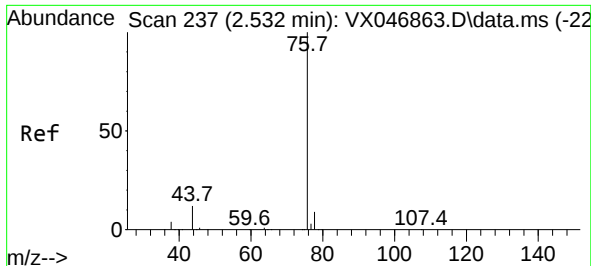
Tgt Ion: 41 Resp: 182
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.0 78.0#
 76 0.0 26.2 39.2#



#16
 Acetone
 Concen: 0.475 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 783
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.8 38.6#

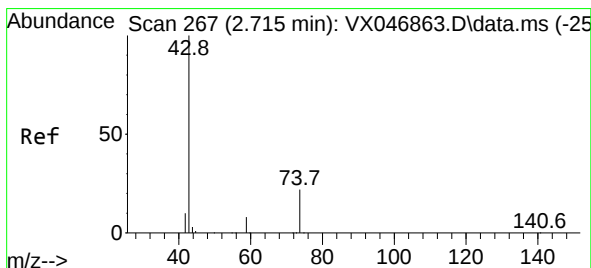
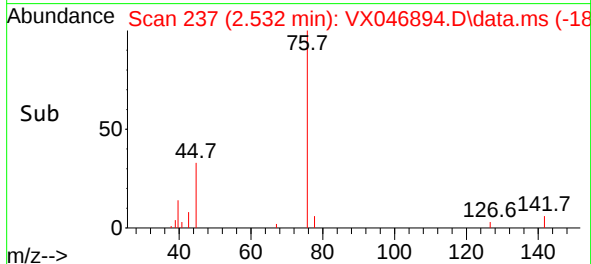
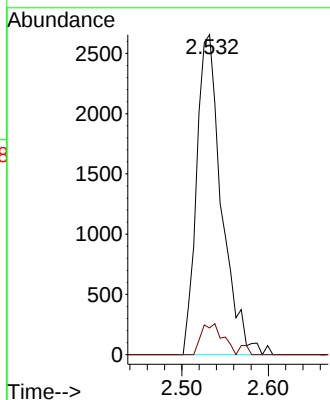
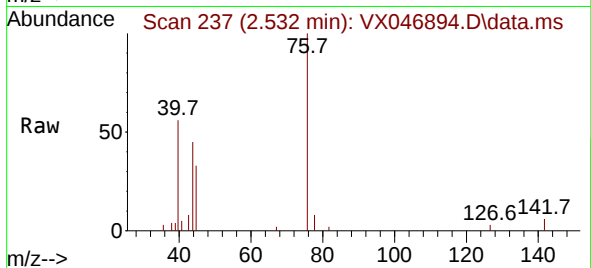




#17
Carbon Disulfide
Concen: 0.467 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

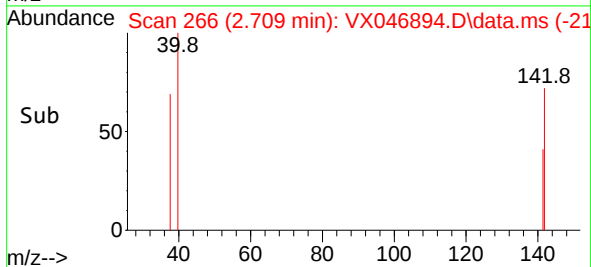
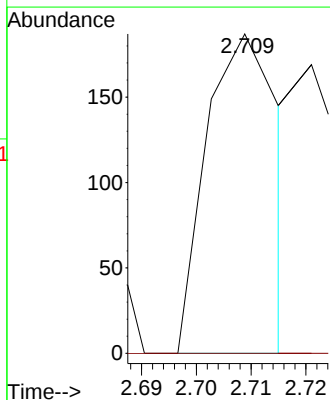
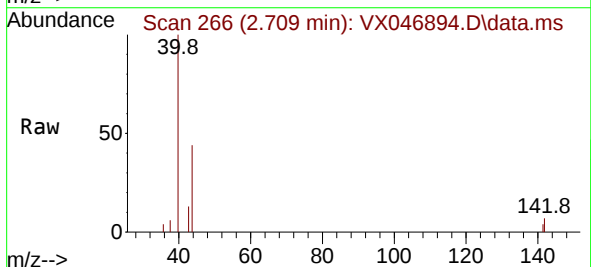
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

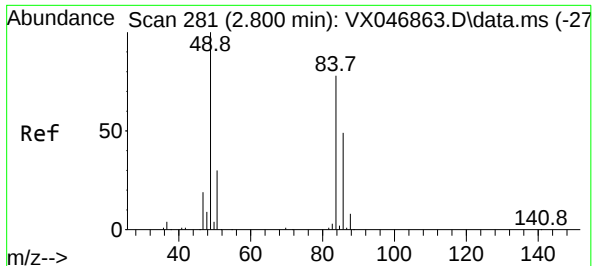
Tgt Ion: 76 Resp: 5335
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 0.041 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#

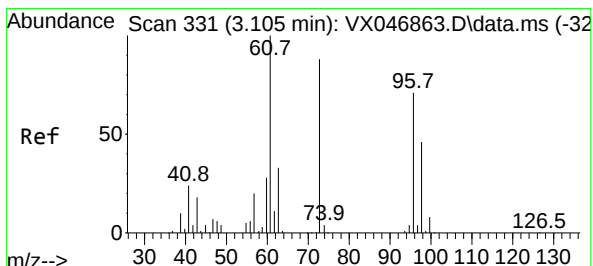
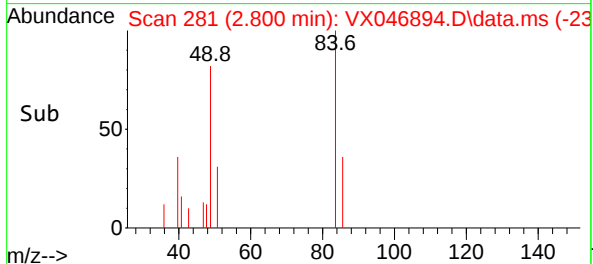
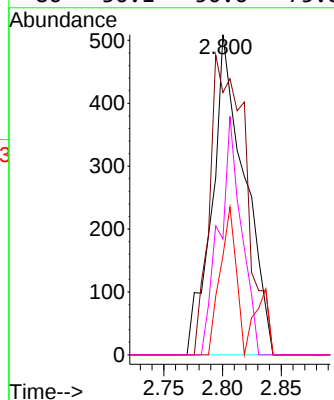
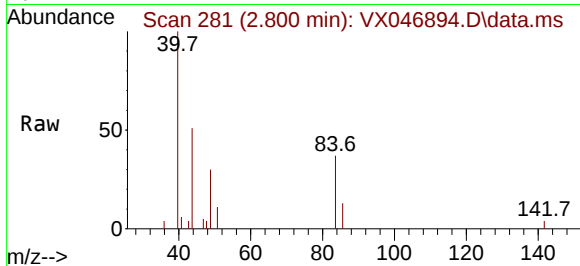




#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

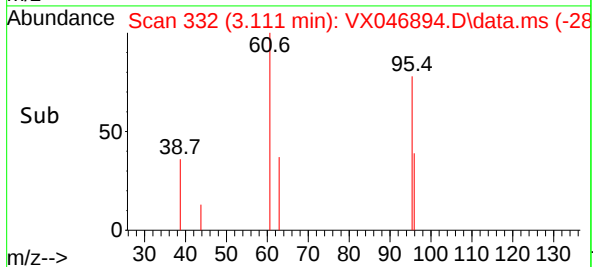
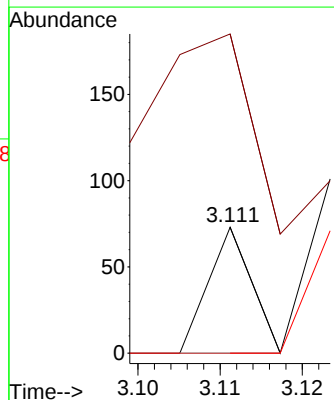
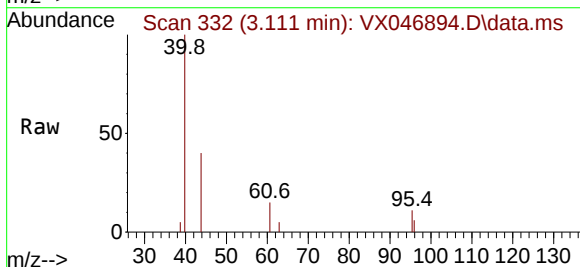
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

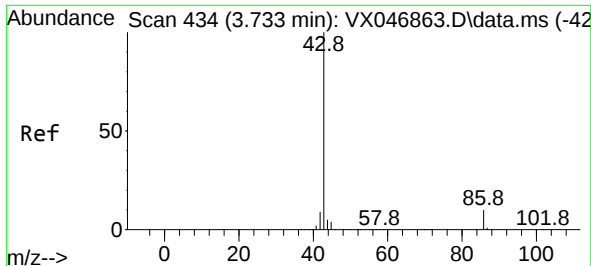
Tgt Ion:	84	Resp:	980
Ion	Ratio	Lower	Upper
84	100		
49	81.9	102.8	154.2#
51	30.8	31.1	46.7#
86	36.1	50.6	75.8#



#21
trans-1,2-Dichloroethene
Concen: 0.006 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:	96	Resp:	27
Ion	Ratio	Lower	Upper
96	100		
61	158.9	113.4	170.2
98	0.0	51.8	77.6#

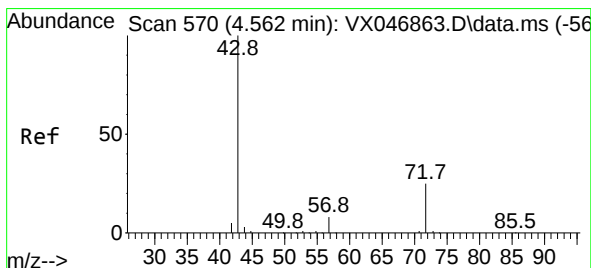
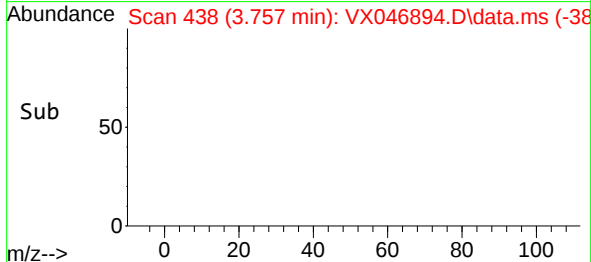
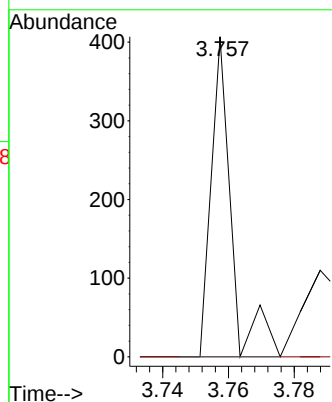
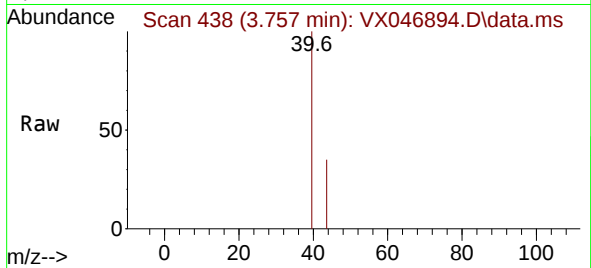




#23
 Vinyl Acetate
 Concen: 0.015 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.024 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

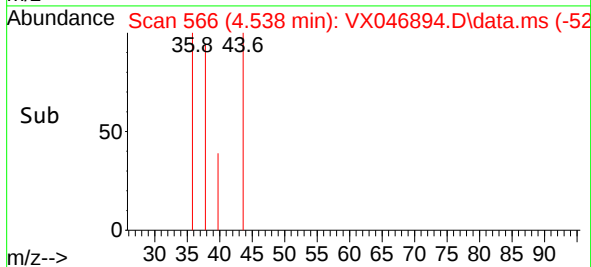
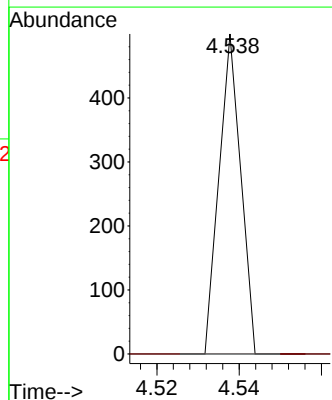
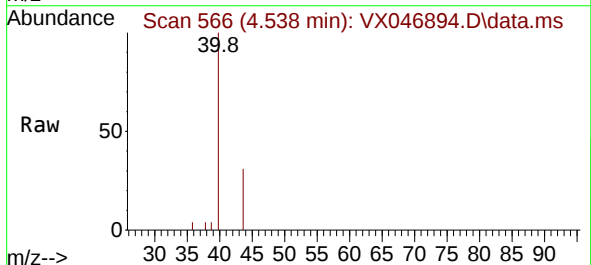
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

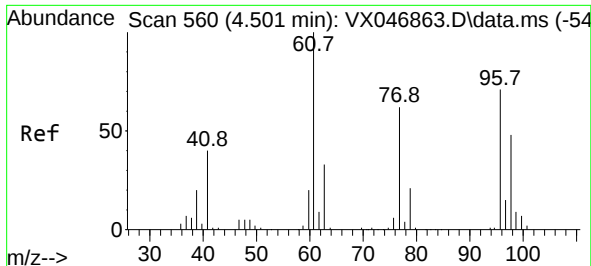
Tgt Ion: 43 Resp: 173
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 0.083 ug/l
 RT: 4.538 min Scan# 566
 Delta R.T. -0.024 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 183
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.0 30.0#





#27

cis-1,2-Dichloroethene

Concen: 0.004 ug/l

RT: 4.532 min Scan# 5

Delta R.T. 0.030 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

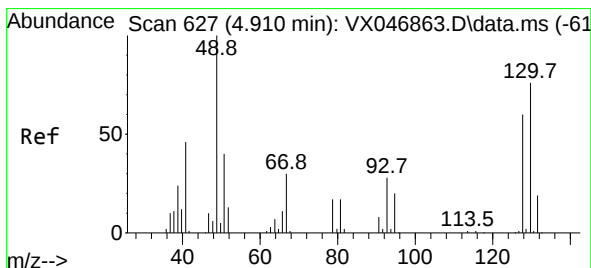
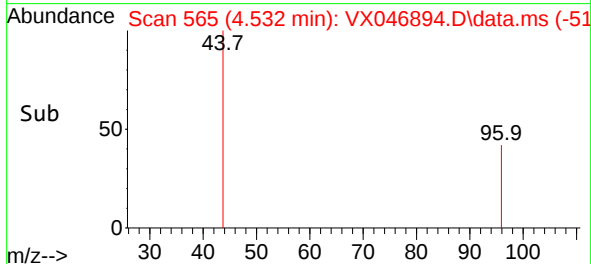
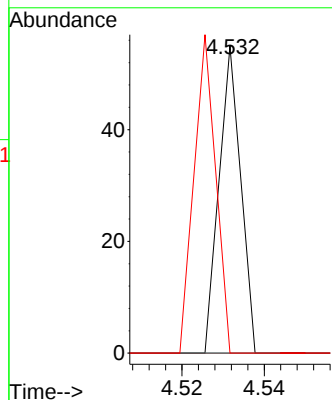
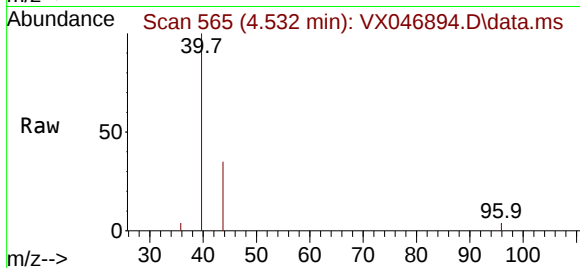
Tgt Ion: 96 Resp: 20

Ion Ratio Lower Upper

96 100

61 0.0 0.0 288.6

98 105.0 0.0 128.8



#28

Bromochloromethane

Concen: 0.008 ug/l

RT: 4.928 min Scan# 630

Delta R.T. 0.018 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

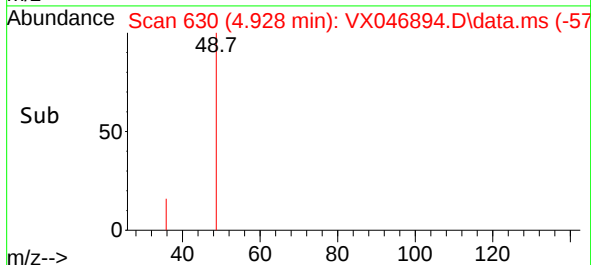
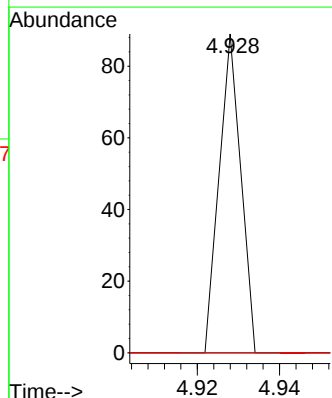
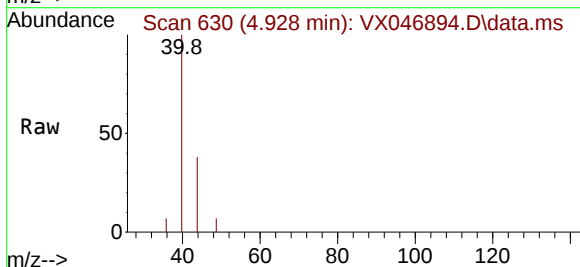
Tgt Ion: 49 Resp: 33

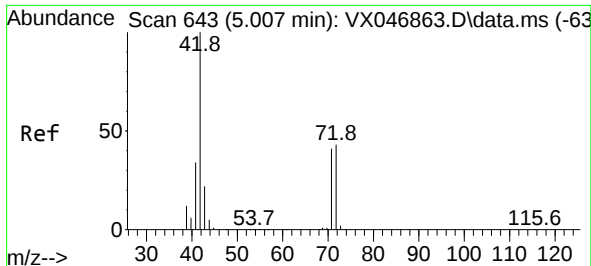
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.7 92.5#





#29

Tetrahydrofuran

Concen: 0.014 ug/l

RT: 5.135 min Scan# 6

Delta R.T. 0.128 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

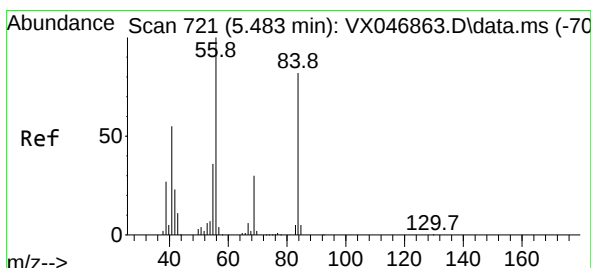
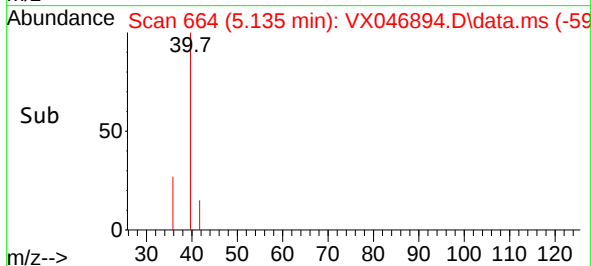
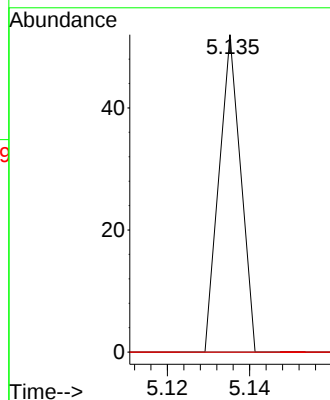
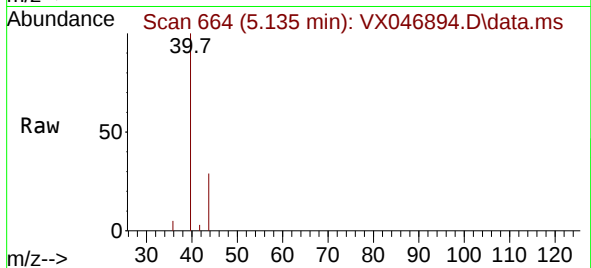
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 0.0 31.9 47.9#



#31

Cyclohexane

Concen: 1.140 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.085 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

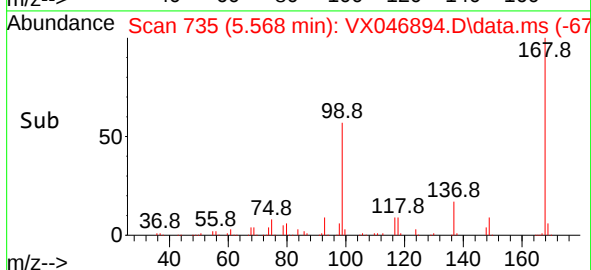
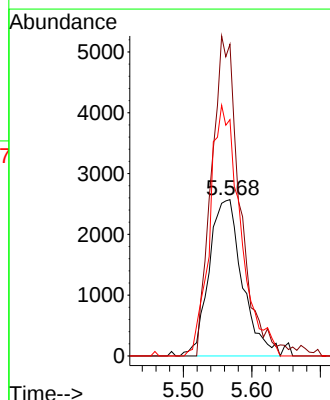
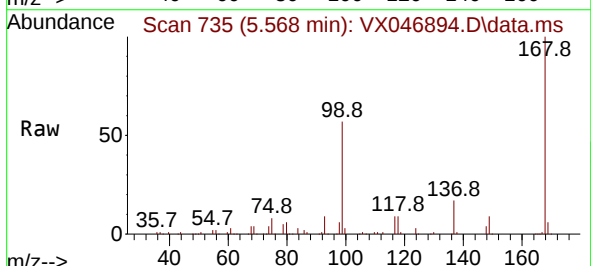
Tgt Ion: 56 Resp: 8645

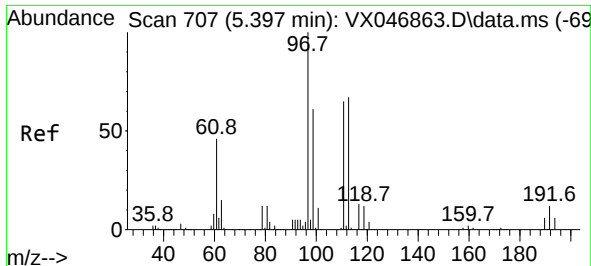
Ion Ratio Lower Upper

56 100

69 192.8 24.0 36.0#

84 146.2 66.5 99.7#

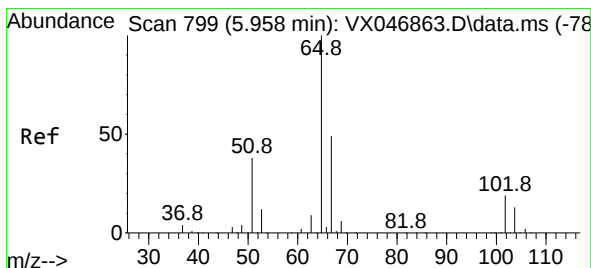
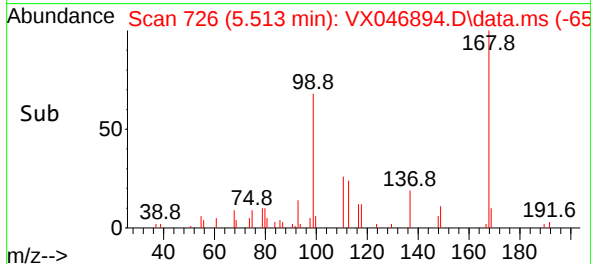
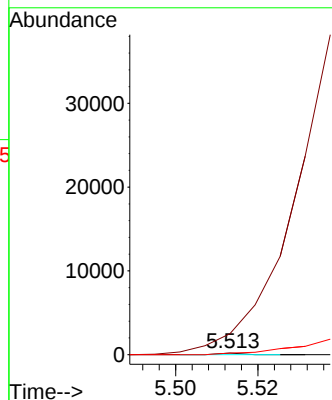
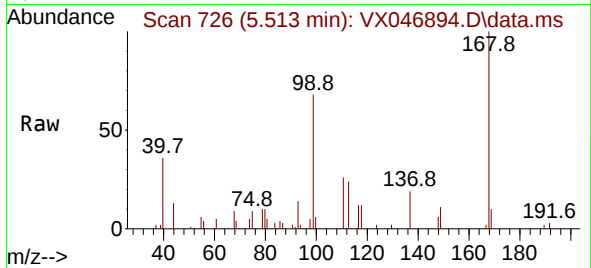




#32
1,1,1-Trichloroethane
Concen: 0.010 ug/l
RT: 5.513 min Scan# 71
Delta R.T. 0.116 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

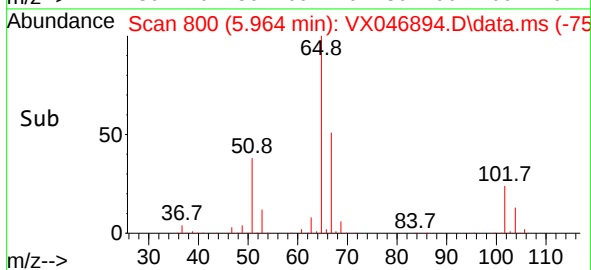
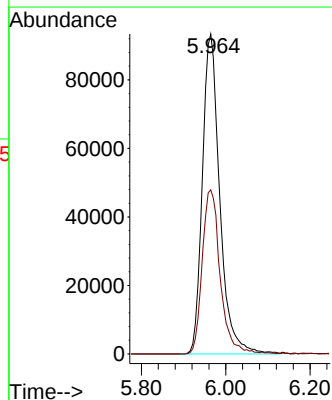
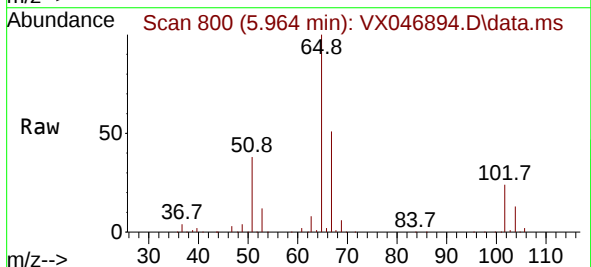
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

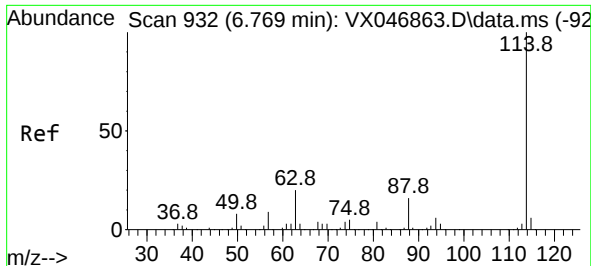
Tgt Ion: 97 Resp: 72
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 0.0 36.3 54.5#



#33
1,2-Dichloroethane-d4
Concen: 50.578 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 65 Resp: 268286
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

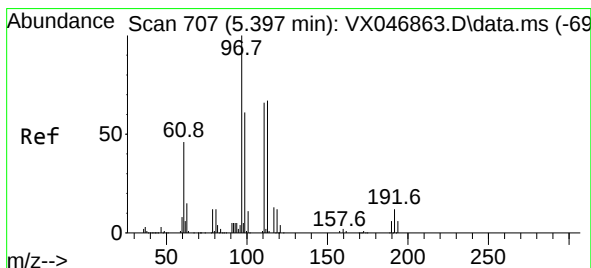
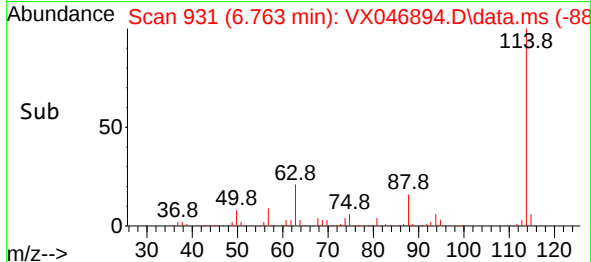
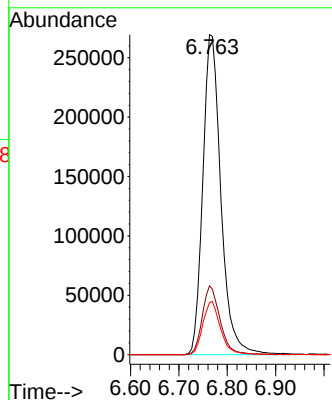
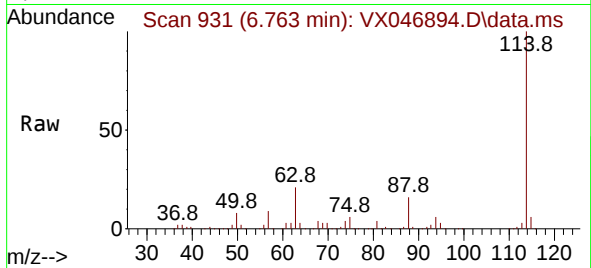




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

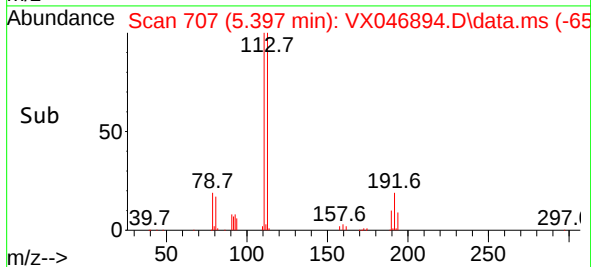
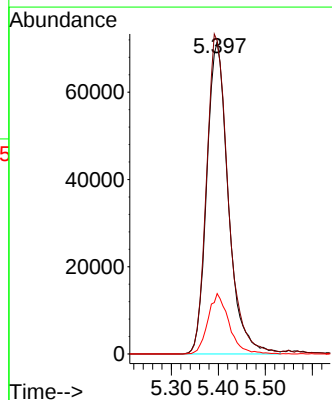
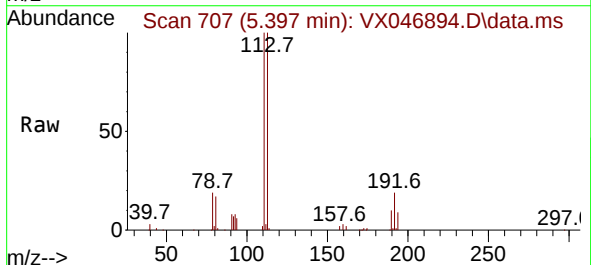
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

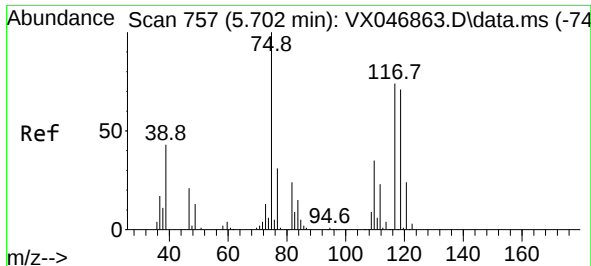
Tgt Ion:114 Resp: 700254
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.4
88 16.3 0.0 31.0



#35
Dibromofluoromethane
Concen: 47.889 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:113 Resp: 227632
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.0 15.3 22.9

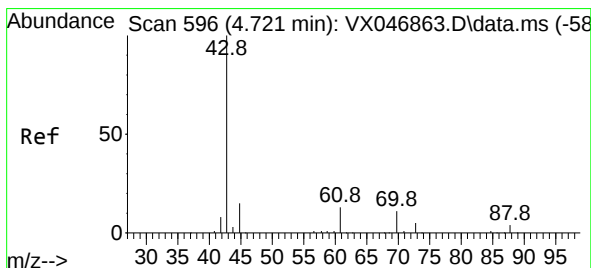
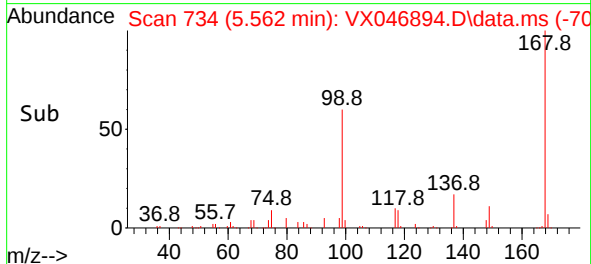
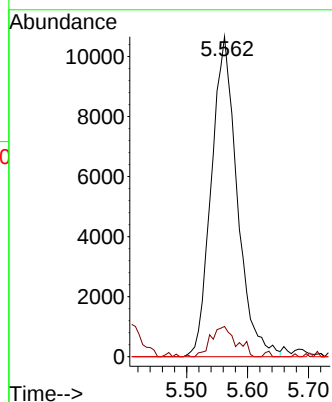
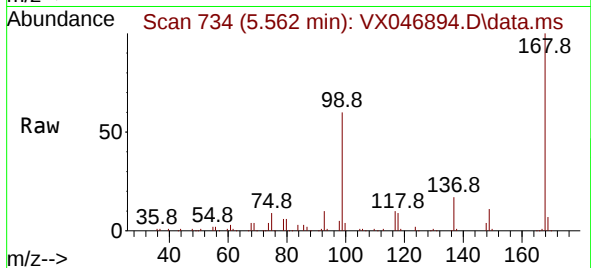




#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

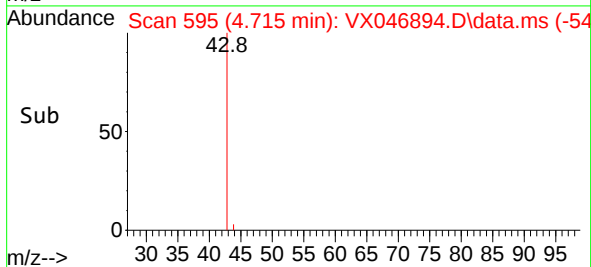
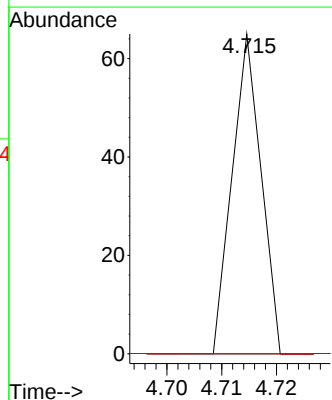
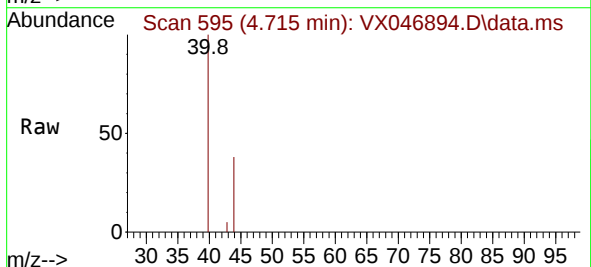
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

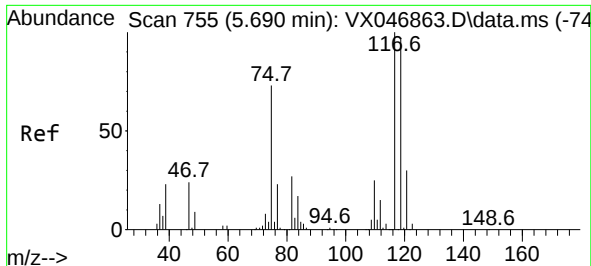
Tgt Ion: 75 Resp: 31461
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.2 36.4#



#37
Ethyl Acetate
Concen: 0.004 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 8.3 12.5#

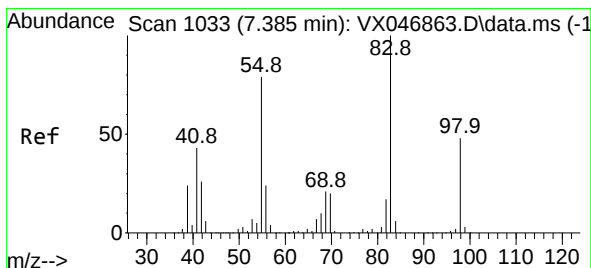
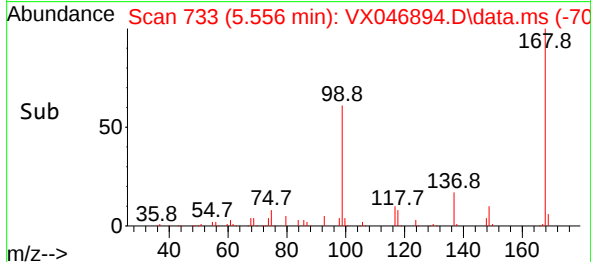
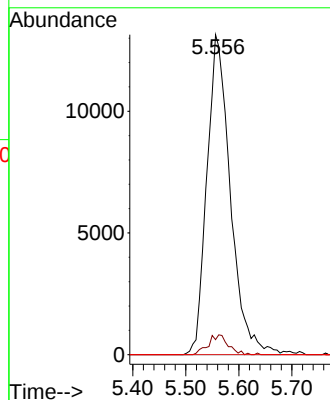
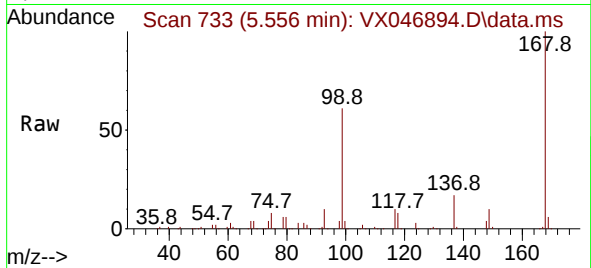




#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

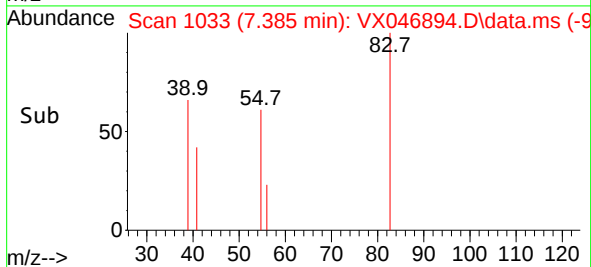
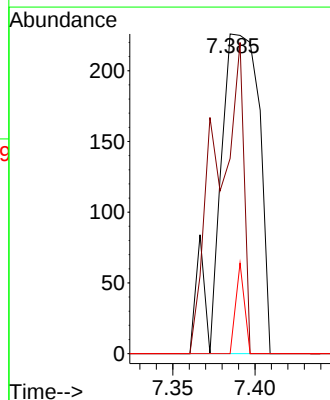
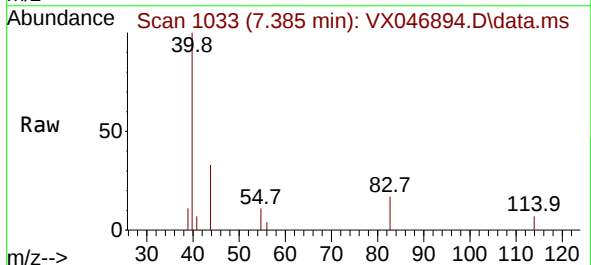
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

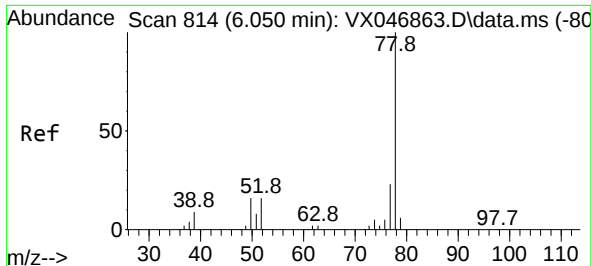
Tgt Ion:117 Resp: 40461
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.048 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 83 Resp: 384
Ion Ratio Lower Upper
83 100
55 61.1 63.0 94.4#
98 0.0 38.5 57.7#

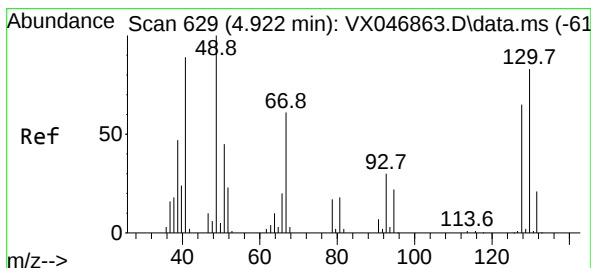
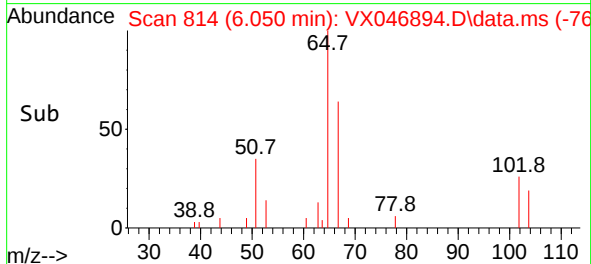
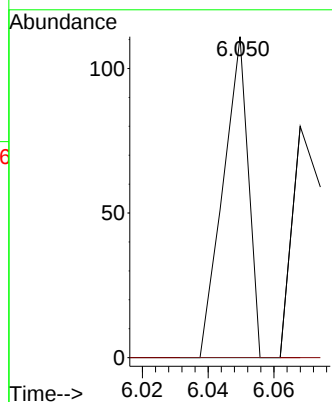
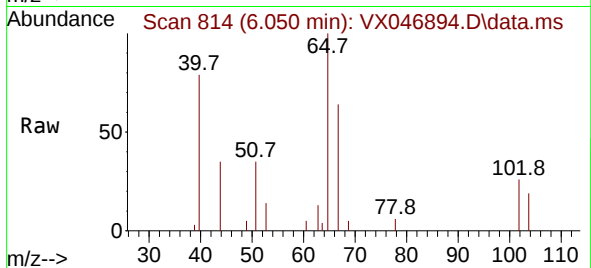




#40
Benzene
Concen: 0.003 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

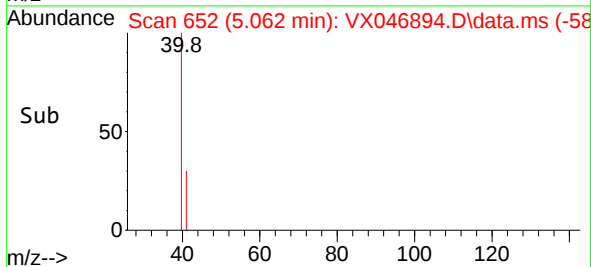
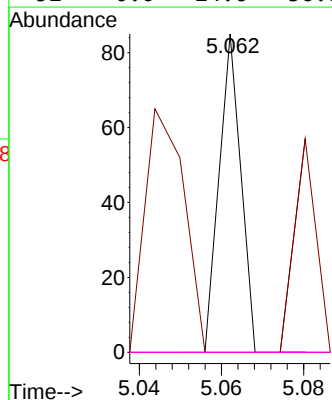
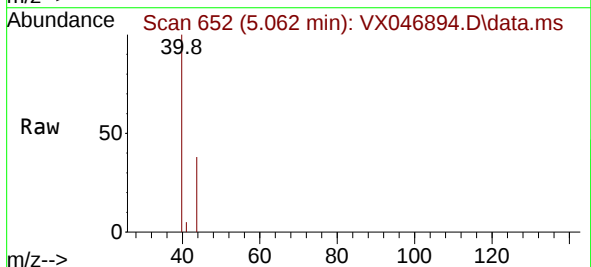
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

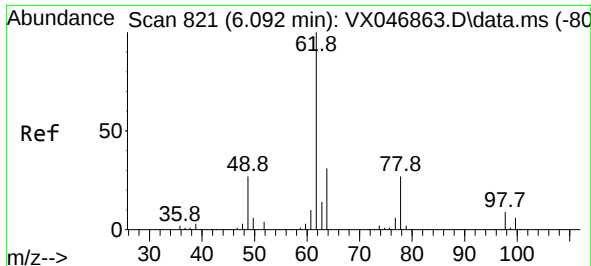
Tgt Ion: 78 Resp: 59
Ion Ratio Lower Upper
78 100
77 0.0 18.7 28.1#



#41
Methacrylonitrile
Concen: 0.011 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.140 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 41 Resp: 31
Ion Ratio Lower Upper
41 100
39 138.7 43.0 64.4#
67 0.0 60.2 90.2#
52 0.0 24.6 36.8#





#42

1,2-Dichloroethane

Concen: 0.099 ug/l

RT: 6.105 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

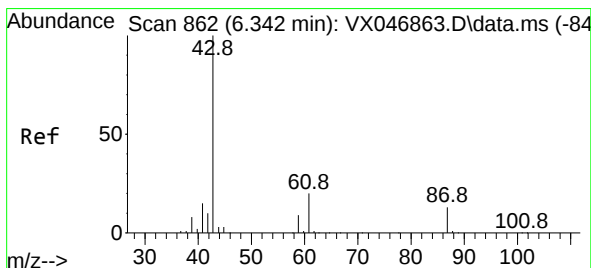
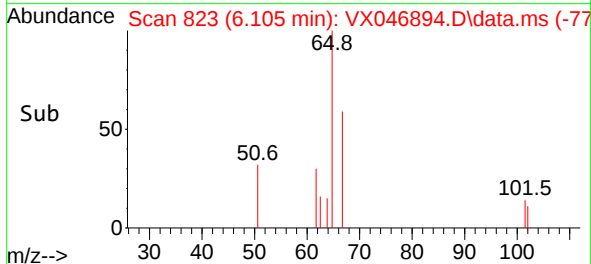
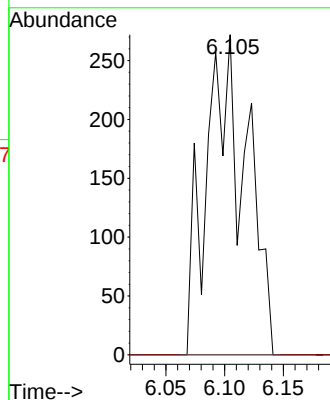
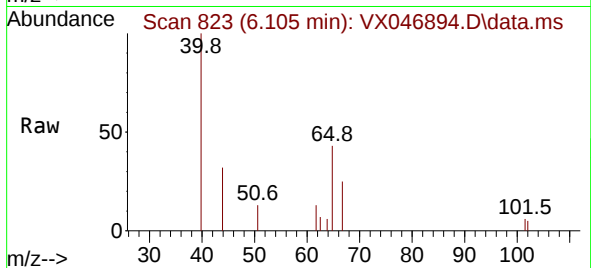
VX0707WBL01

Tgt Ion: 62 Resp: 649

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#43

Isopropyl Acetate

Concen: 0.023 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

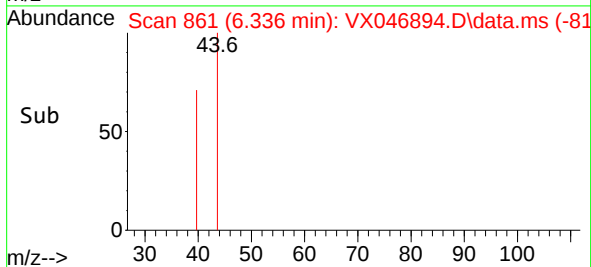
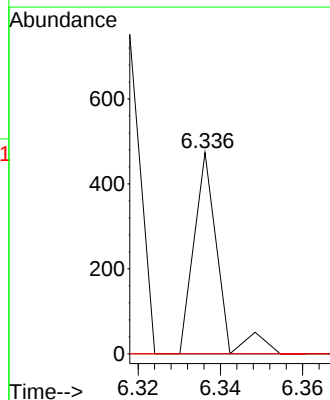
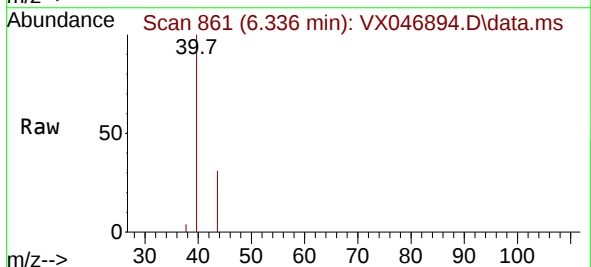
Tgt Ion: 43 Resp: 192

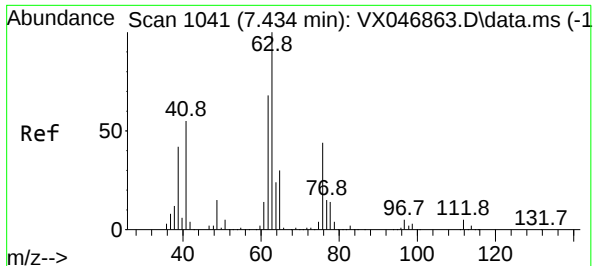
Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

87 0.0 10.1 15.1#





#45

1,2-Dichloropropane

Concen: 0.010 ug/l

RT: 7.312 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

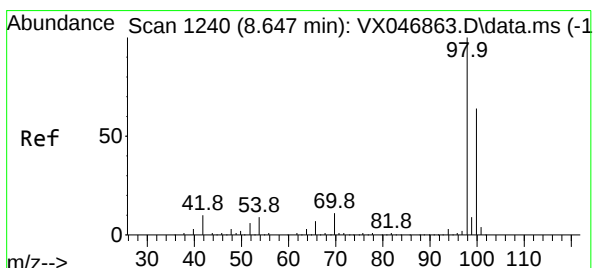
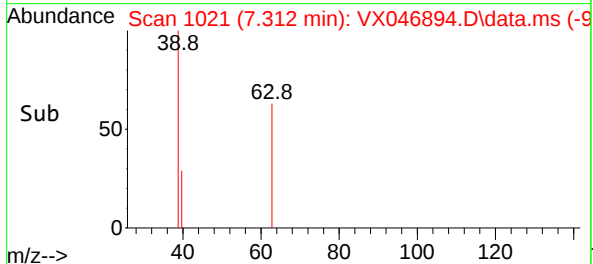
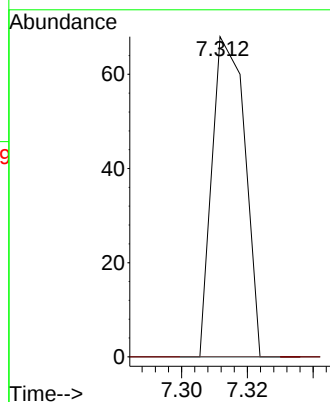
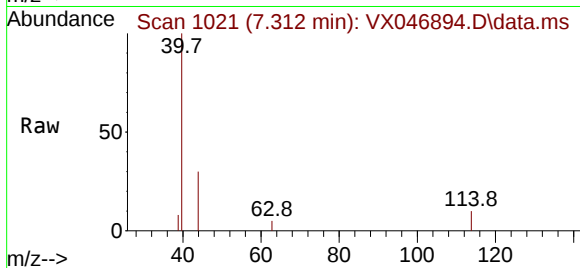
VX0707WBL01

Tgt Ion: 63 Resp: 47

Ion Ratio Lower Upper

63 100

65 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.209 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046894.D

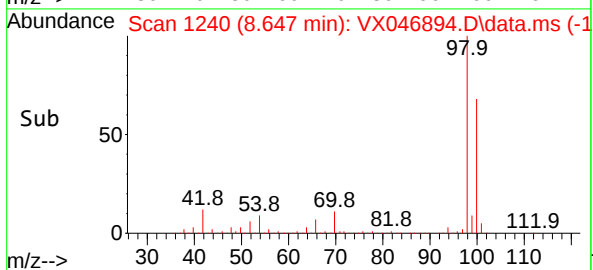
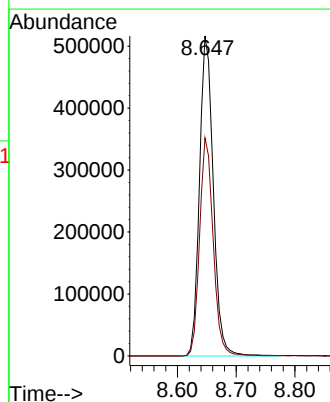
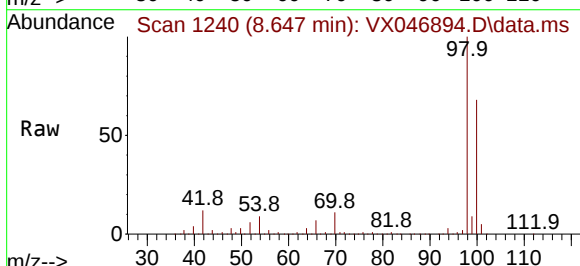
Acq: 07 Jul 2025 09:34

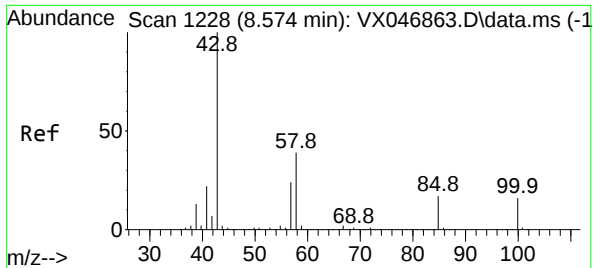
Tgt Ion: 98 Resp: 842039

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6

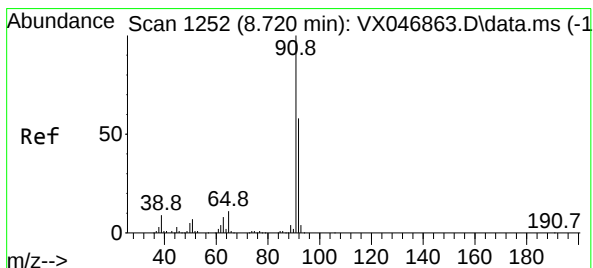
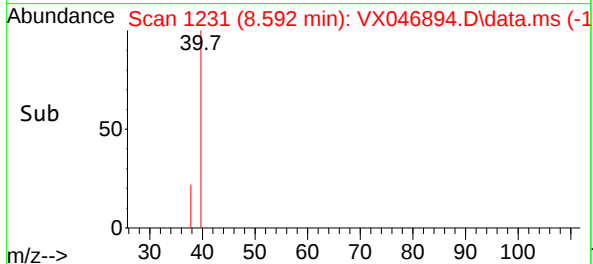
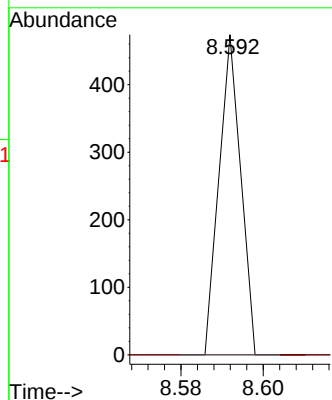
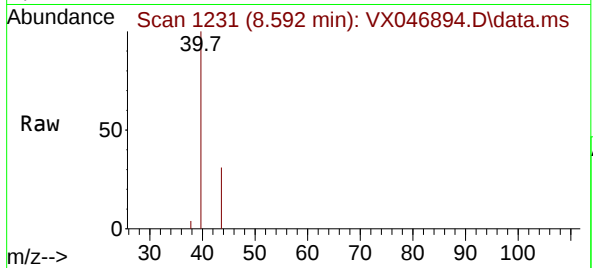




#51
4-Methyl-2-Pentanone
Concen: 0.035 ug/l
RT: 8.592 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

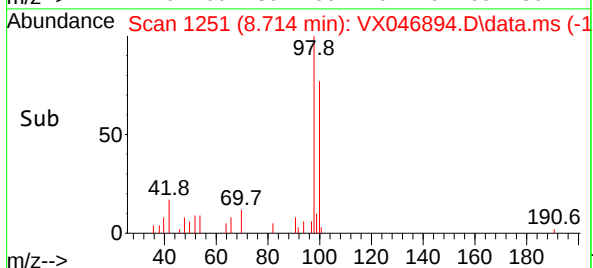
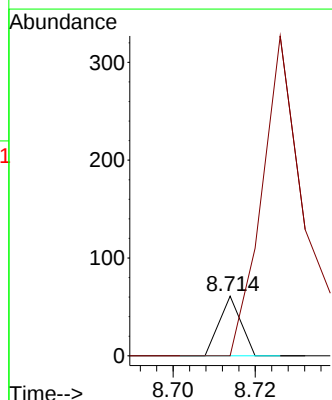
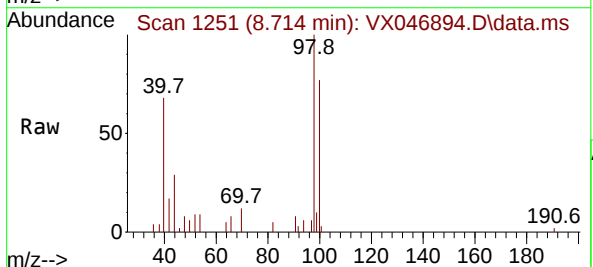
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

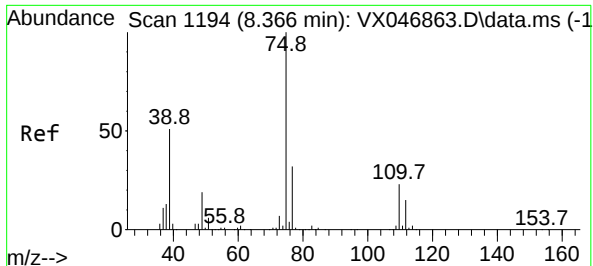
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 0.002 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 92 Resp: 22
Ion Ratio Lower Upper
92 100
91 1045.5 137.9 206.9#

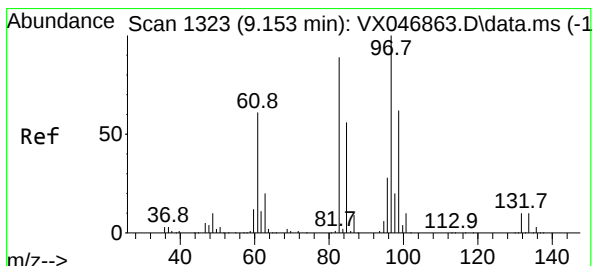
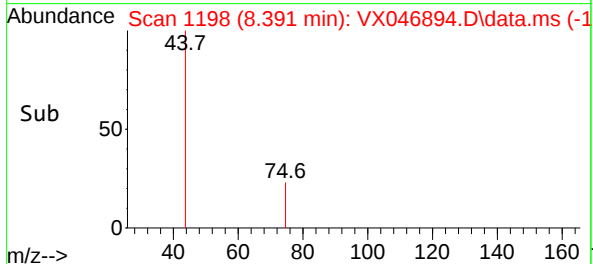
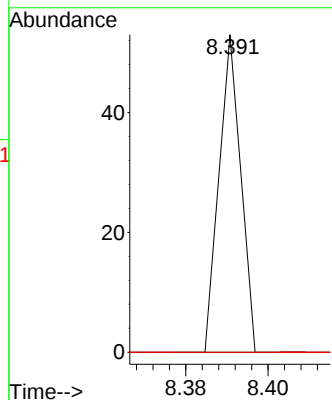
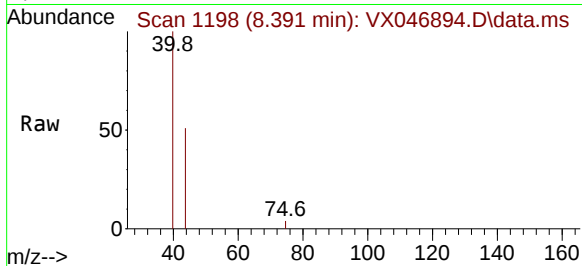




#54
 cis-1,3-Dichloropropene
 Concen: 0.003 ug/l
 RT: 8.391 min Scan# 1198
 Delta R.T. 0.024 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

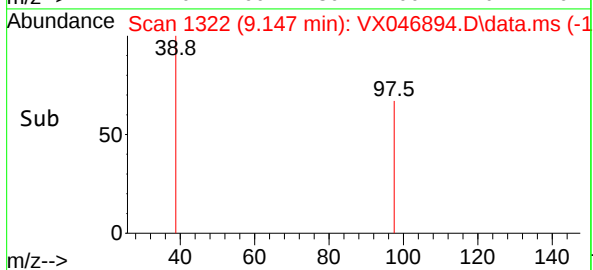
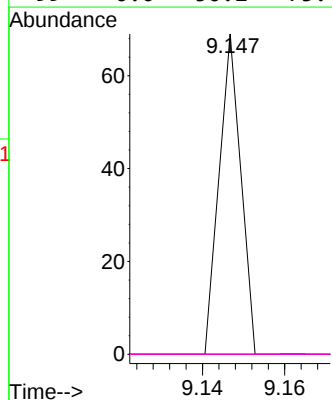
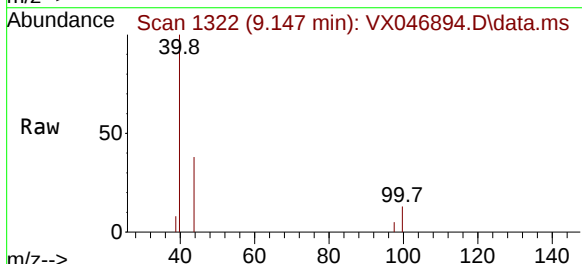
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

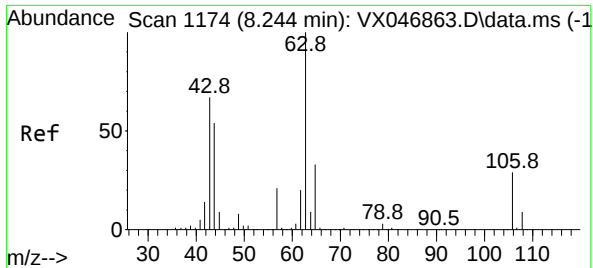
Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.2#
 39 0.0 40.7 61.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.006 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

Tgt Ion: 97 Resp: 25
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.9 106.3#
 85 0.0 44.6 67.0#
 99 0.0 50.2 75.4#

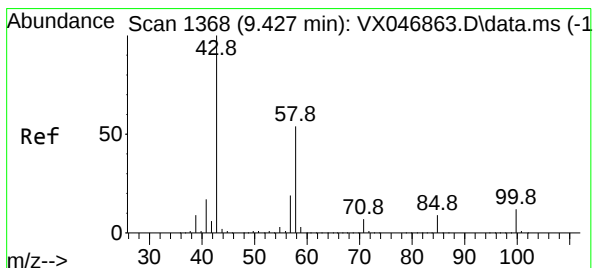
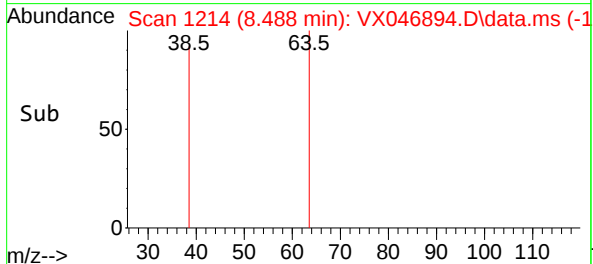
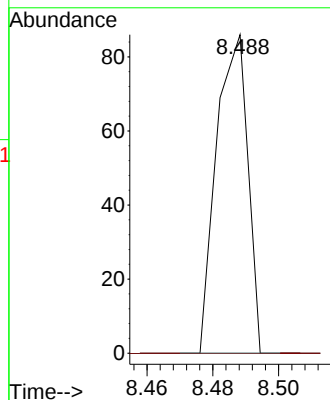
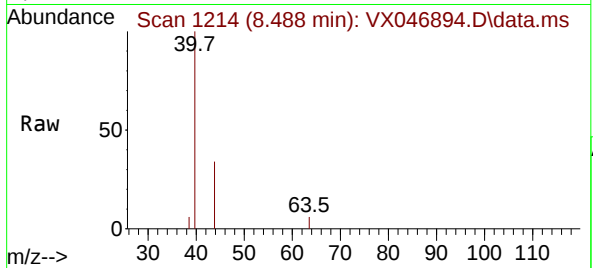




#58
2-Chloroethyl Vinyl ether
Concen: 0.016 ug/l
RT: 8.488 min Scan# 1174
Delta R.T. 0.244 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

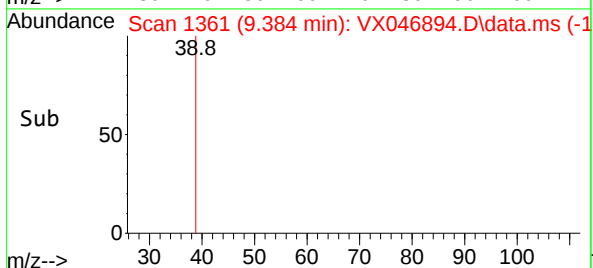
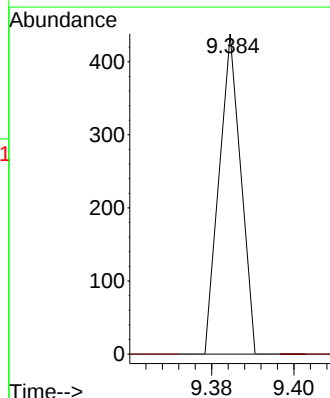
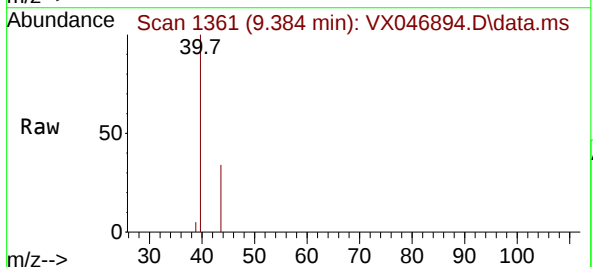
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

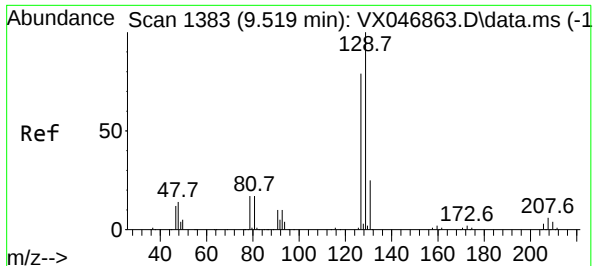
Tgt Ion: 63 Resp: 57
Ion Ratio Lower Upper
63 100
106 0.0 22.6 33.8#



#59
2-Hexanone
Concen: 0.049 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#





#60

Dibromochloromethane

Concen: 0.005 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

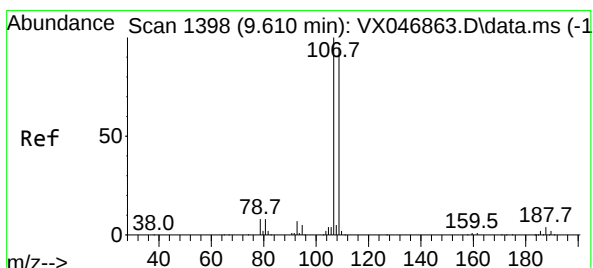
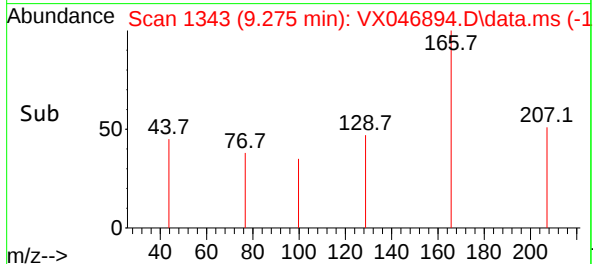
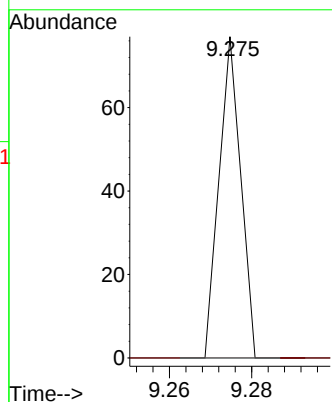
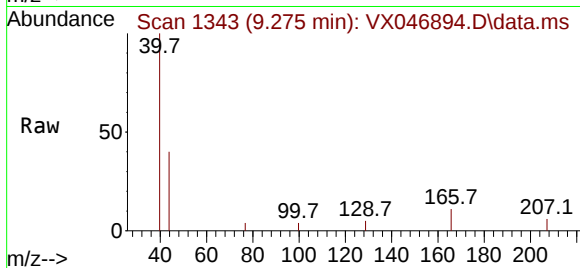
VX0707WBL01

Tgt Ion:129 Resp: 28

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#



#61

1,2-Dibromoethane

Concen: 0.009 ug/l

RT: 9.634 min Scan# 1402

Delta R.T. 0.024 min

Lab File: VX046894.D

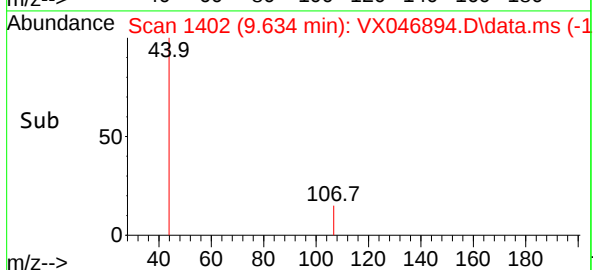
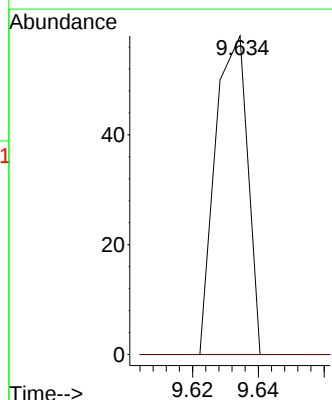
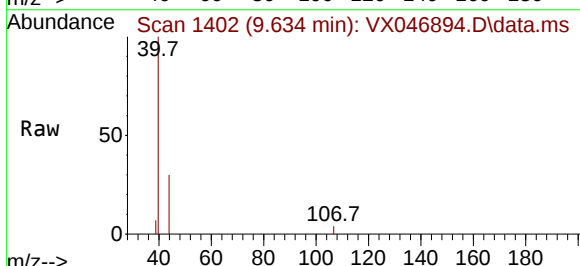
Acq: 07 Jul 2025 09:34

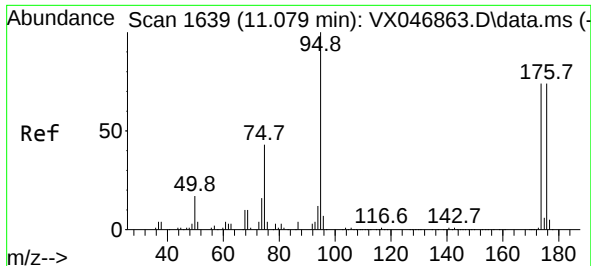
Tgt Ion:107 Resp: 40

Ion Ratio Lower Upper

107 100

109 0.0 75.4 113.2#

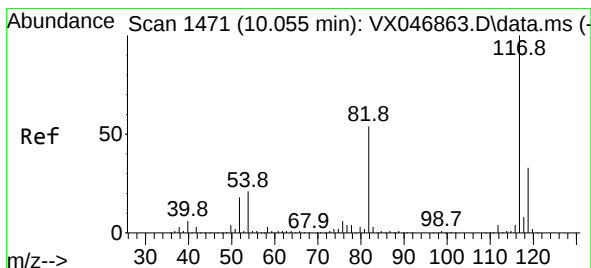
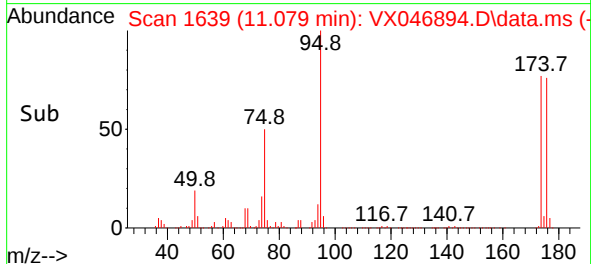
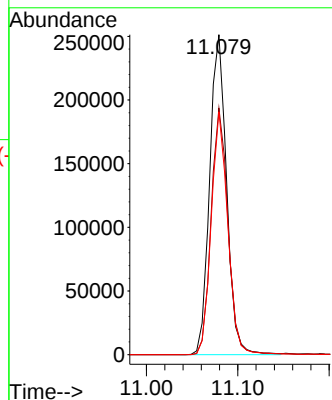
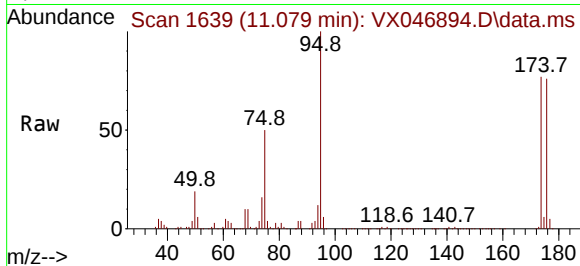




#62
4-Bromofluorobenzene
Concen: 50.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

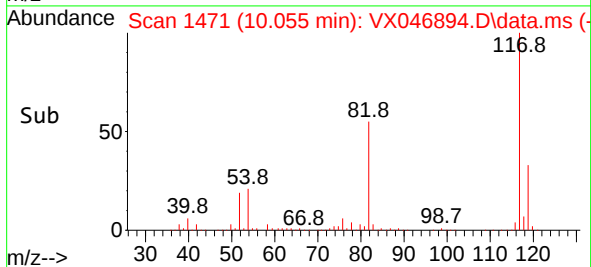
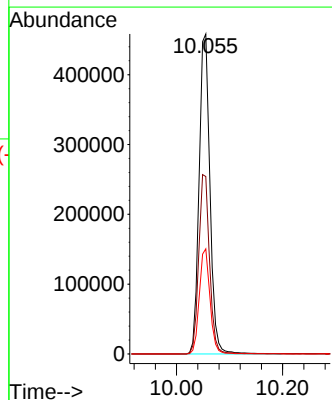
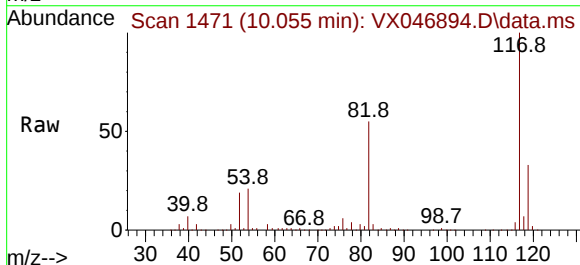
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

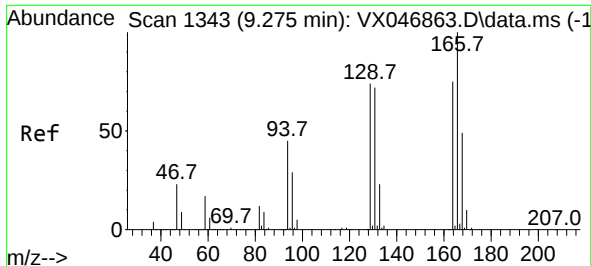
Tgt Ion: 95 Resp: 322420
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.0
176 74.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

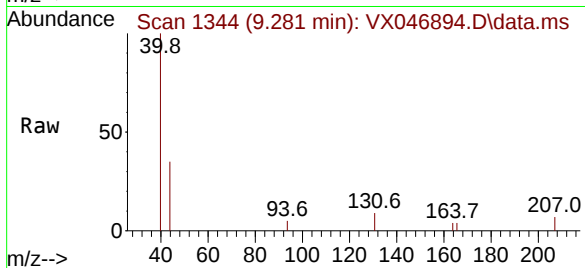
Tgt Ion: 117 Resp: 653690
Ion Ratio Lower Upper
117 100
82 55.5 43.3 64.9
119 32.8 26.4 39.6



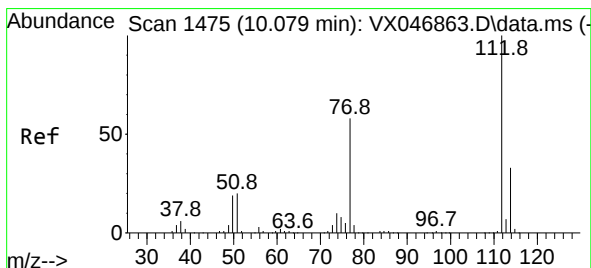
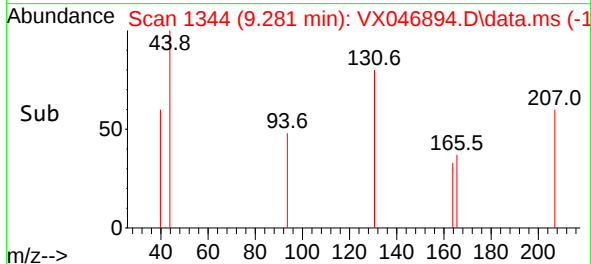
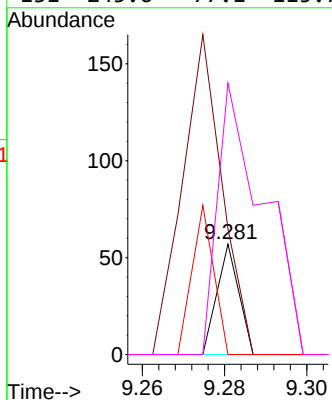


#64
Tetrachloroethene
Concen: 0.005 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

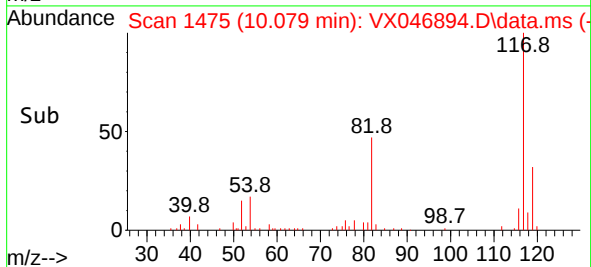
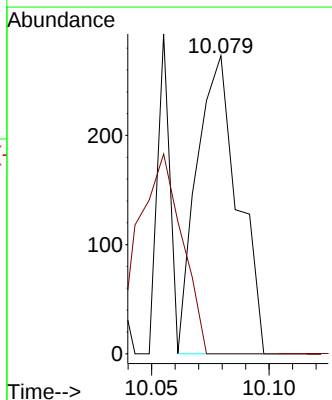
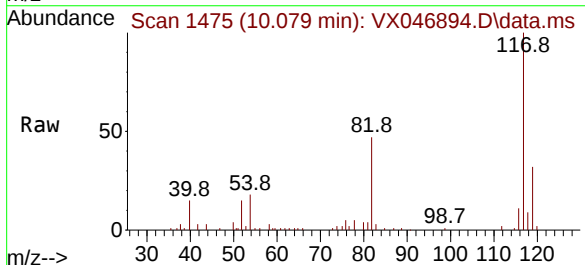


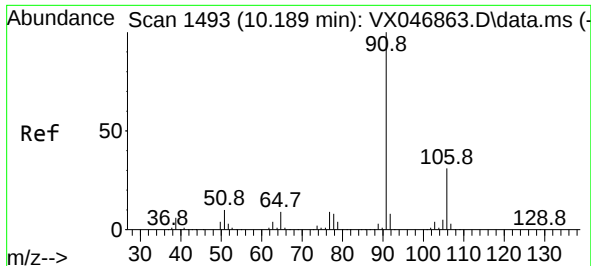
Tgt Ion:164 Resp: 21
Ion Ratio Lower Upper
164 100
166 114.0 107.0 160.6
129 0.0 79.7 119.5#
131 245.6 77.1 115.7#



#65
Chlorobenzene
Concen: 0.024 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:112 Resp: 333
Ion Ratio Lower Upper
112 100
114 0.0 26.3 39.5#





#67

Ethyl Benzene

Concen: 0.010 ug/l

RT: 10.214 min Scan# 1497

Delta R.T. 0.024 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

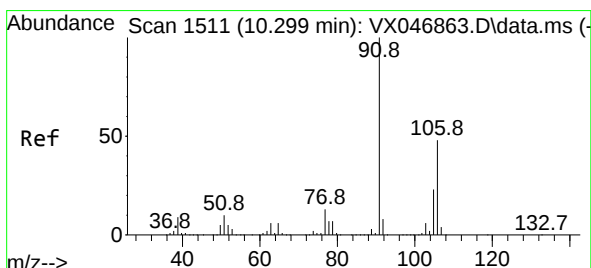
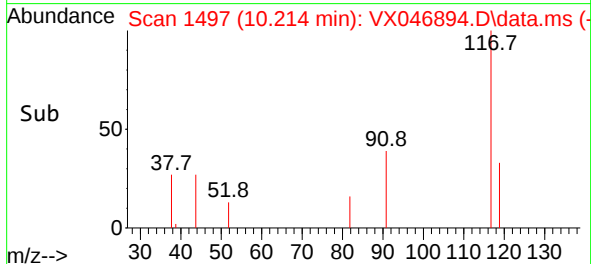
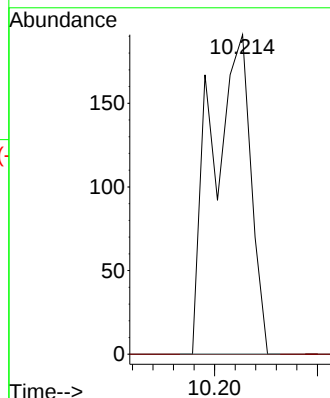
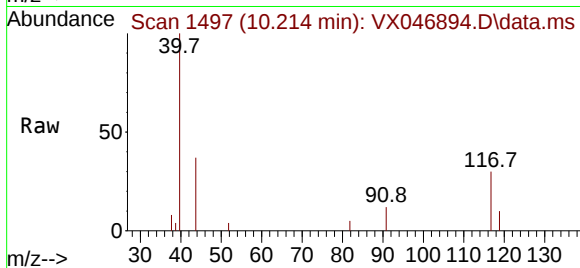
VX0707WBL01

Tgt Ion: 91 Resp: 251

Ion Ratio Lower Upper

91 100

106 0.0 24.4 36.6#



#68

m/p-Xylenes

Concen: 0.027 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX046894.D

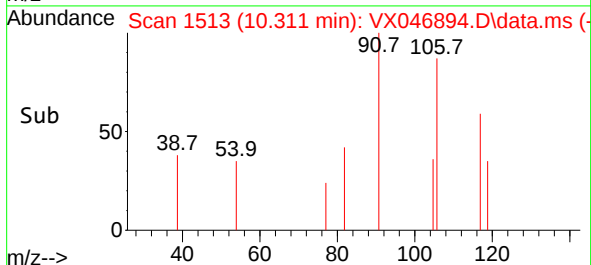
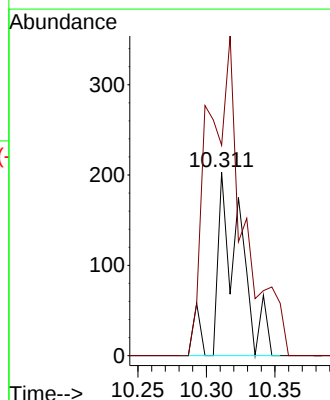
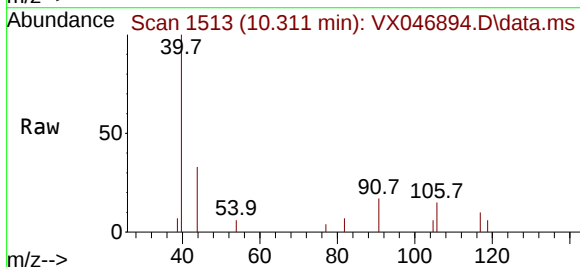
Acq: 07 Jul 2025 09:34

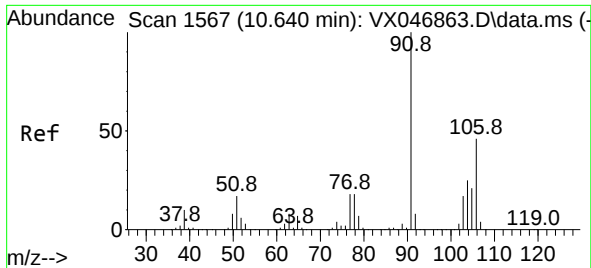
Tgt Ion: 106 Resp: 243

Ion Ratio Lower Upper

106 100

91 260.5 164.6 246.8#

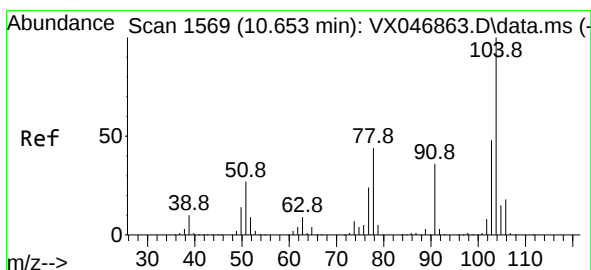
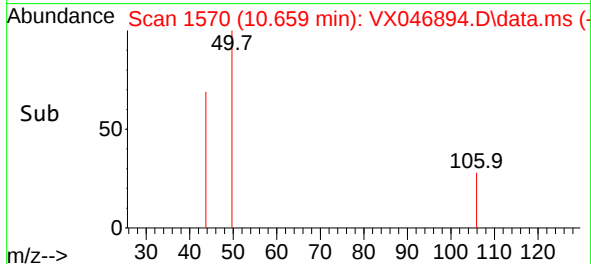
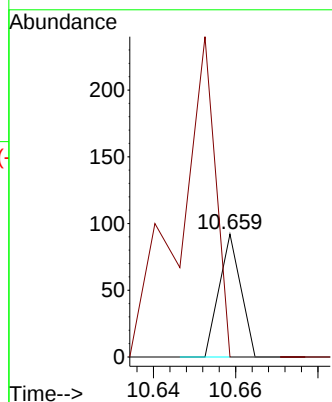
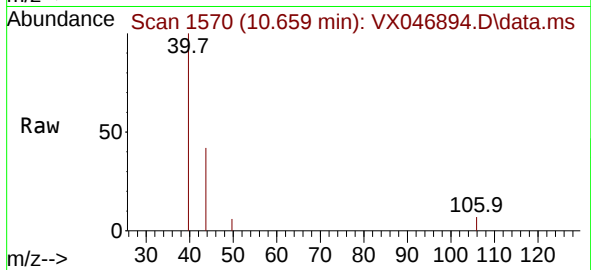




#69
o-Xylene
Concen: 0.004 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

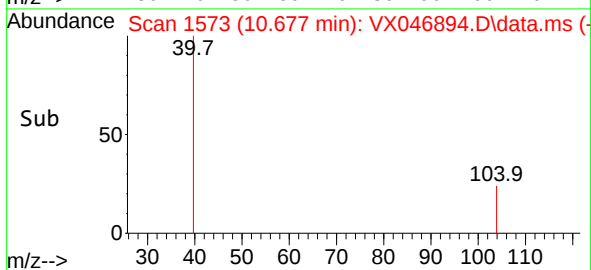
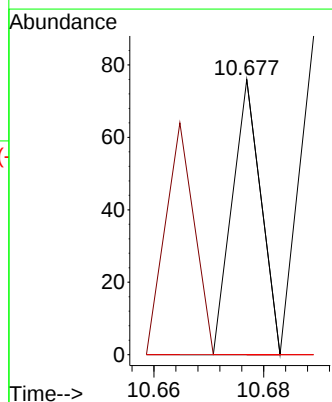
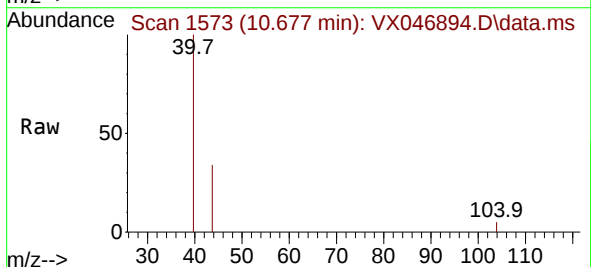
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

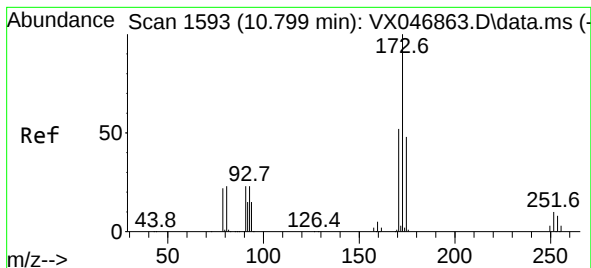
Tgt Ion:106 Resp: 34
Ion Ratio Lower Upper
106 100
91 438.2 109.5 328.5#



#70
Styrene
Concen: 0.002 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. 0.024 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:104 Resp: 28
Ion Ratio Lower Upper
104 100
78 82.1 40.3 60.5#
103 0.0 42.8 64.2#





#71

Bromoform

Concen: 0.087 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

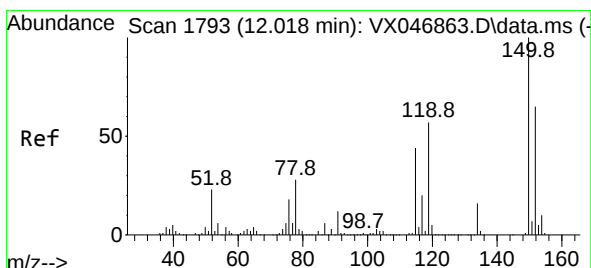
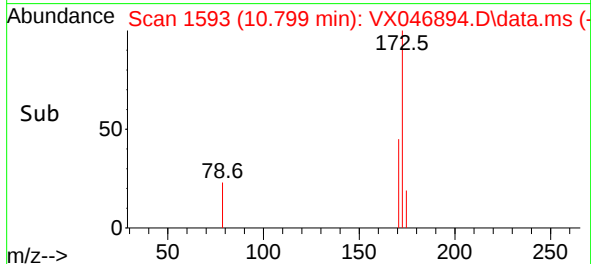
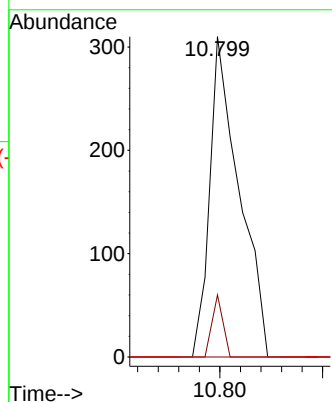
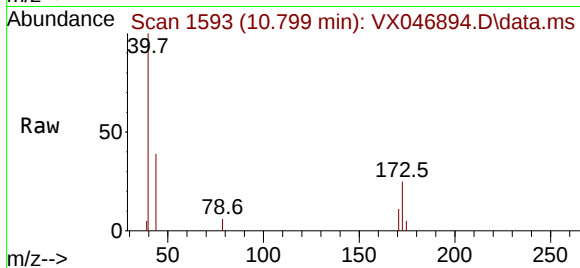
Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

Tgt Ion:173	Resp:	308
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.8 71.5#
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

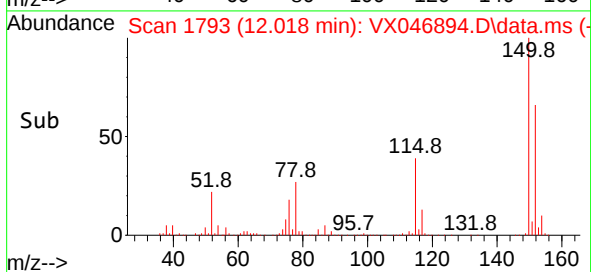
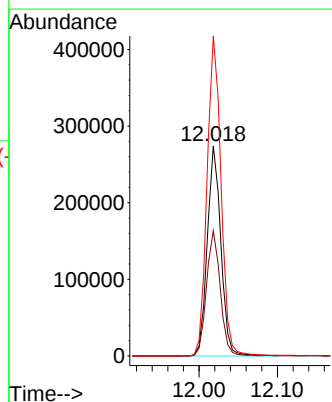
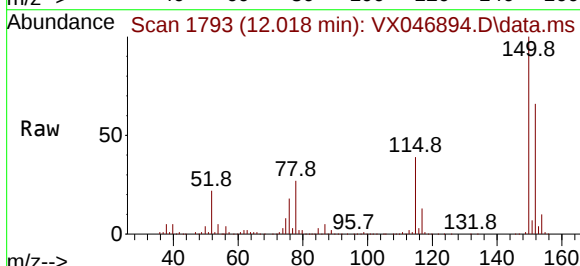
RT: 12.018 min Scan# 1793

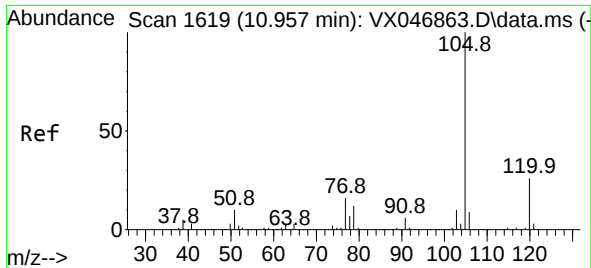
Delta R.T. -0.000 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Tgt Ion:152	Resp:	329997
Ion Ratio	Lower	Upper
152	100	
115	60.3	42.4 127.1
150	157.4	0.0 349.2

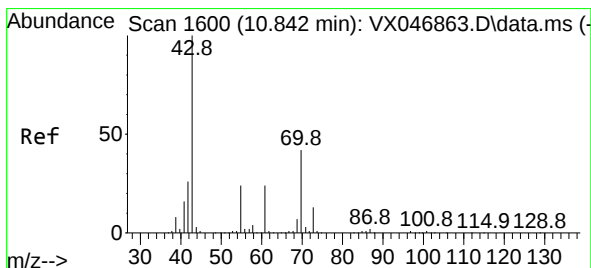
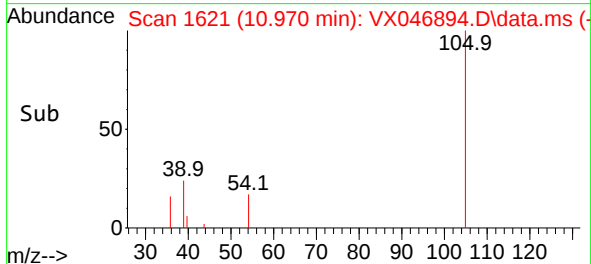
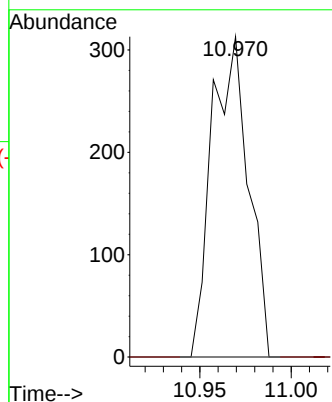
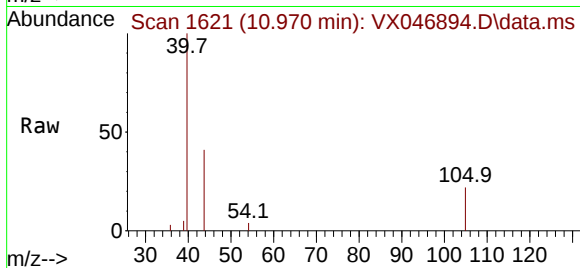




#73
Isopropylbenzene
Concen: 0.019 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.012 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

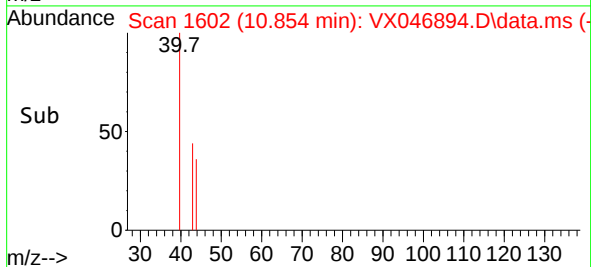
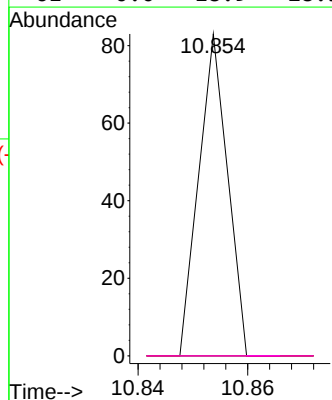
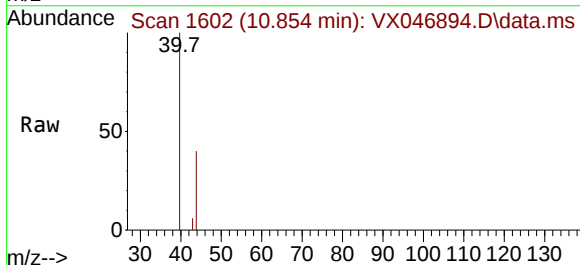
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

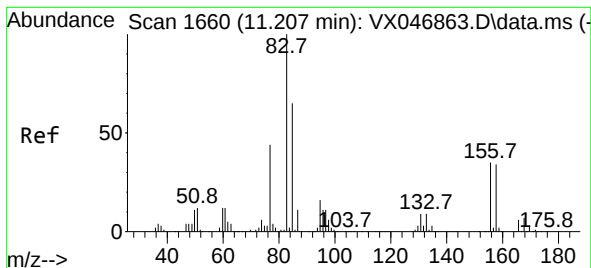
Tgt Ion:105 Resp: 437
Ion Ratio Lower Upper
105 100
120 0.0 13.2 39.5#



#74
N-ethyl acetate
Concen: 0.004 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 43 Resp: 30
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 19.6 29.4#
61 0.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.041 ug/l

RT: 11.073 min Scan# 1638

Delta R.T. -0.134 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

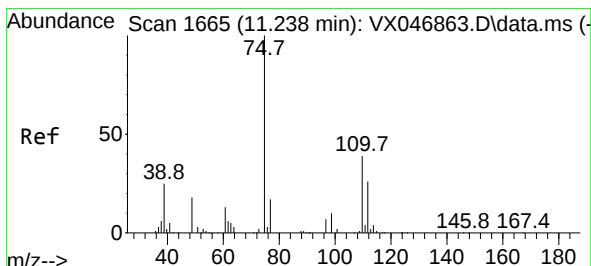
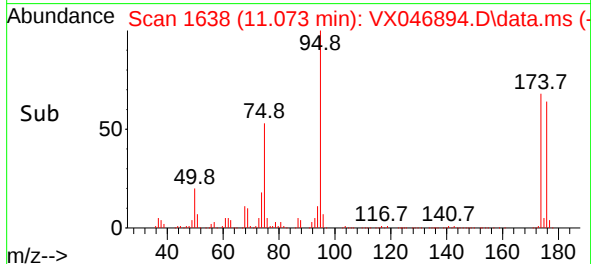
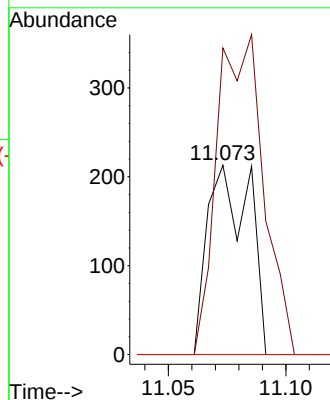
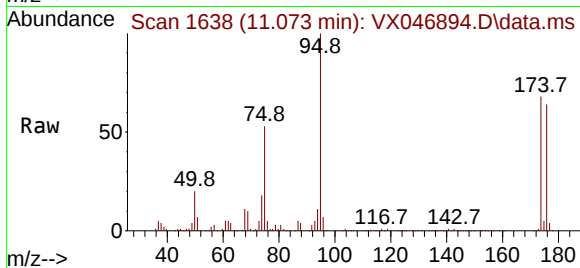
Tgt Ion: 83 Resp: 264

Ion Ratio Lower Upper

83 100

131 187.5 5.0 14.9#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 32.481 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046894.D

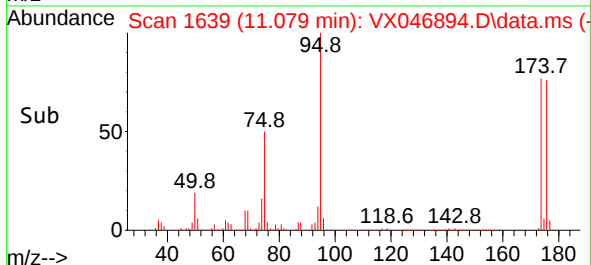
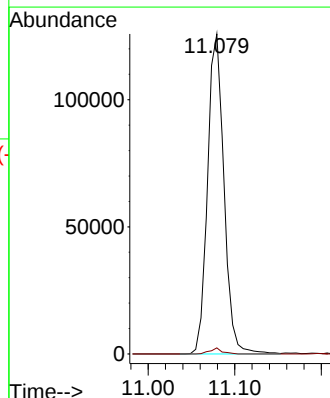
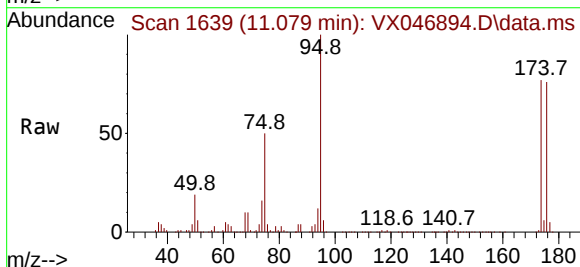
Acq: 07 Jul 2025 09:34

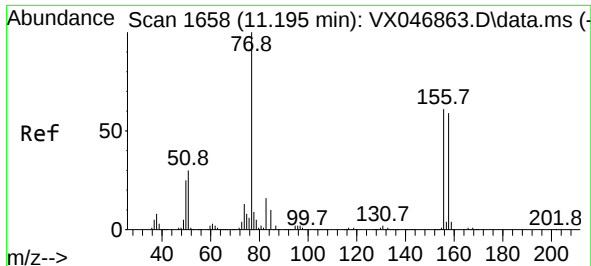
Tgt Ion: 75 Resp: 165620

Ion Ratio Lower Upper

75 100

77 1.4 20.6 61.8#

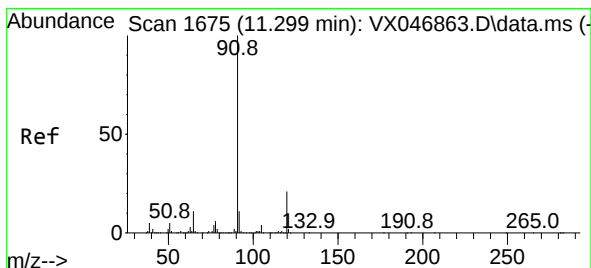
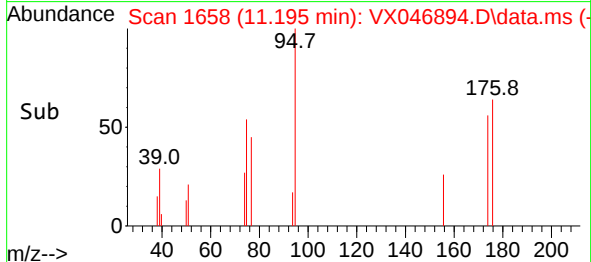
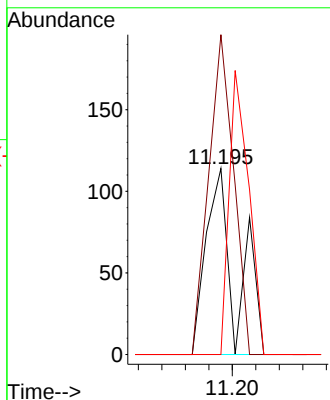
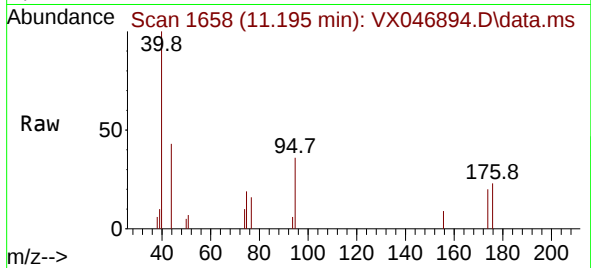




#77
Bromobenzene
Concen: 0.017 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

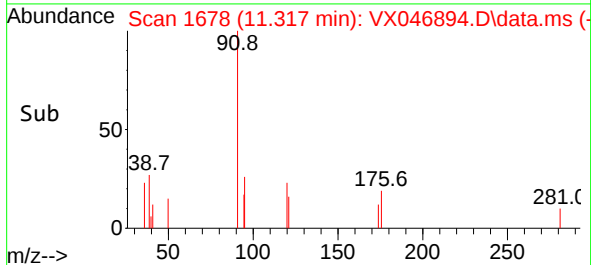
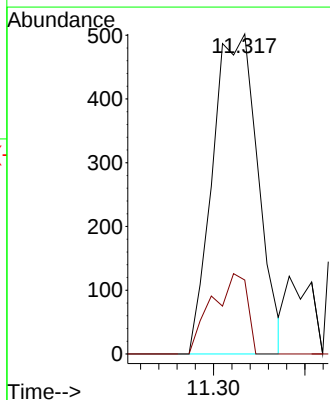
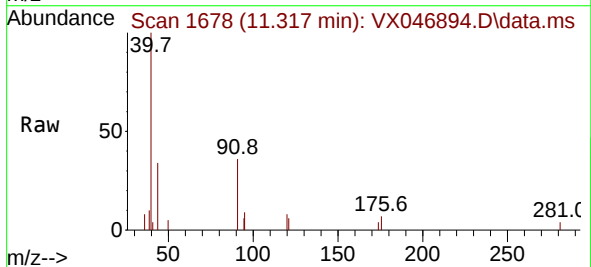
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

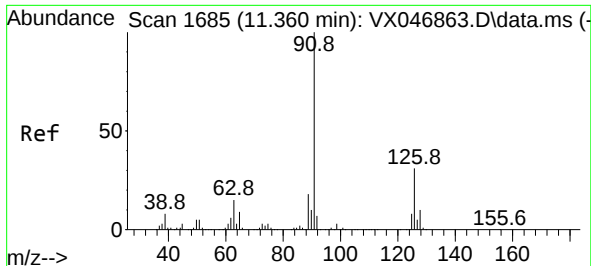
Tgt Ion:156 Resp: 100
Ion Ratio Lower Upper
156 100
77 145.0 82.3 247.0
158 101.0 47.5 142.6



#78
n-propylbenzene
Concen: 0.031 ug/l
RT: 11.317 min Scan# 1678
Delta R.T. 0.018 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 91 Resp: 861
Ion Ratio Lower Upper
91 100
120 19.5 11.2 33.5





#79

2-Chlorotoluene

Concen: 0.043 ug/l

RT: 11.469 min Scan# 11

Delta R.T. 0.110 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

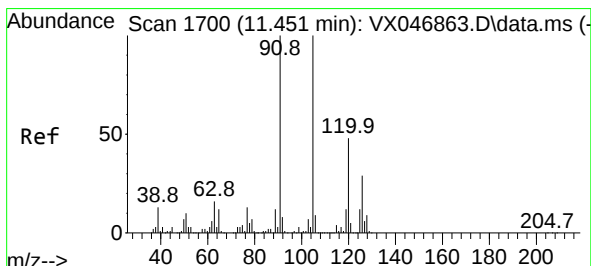
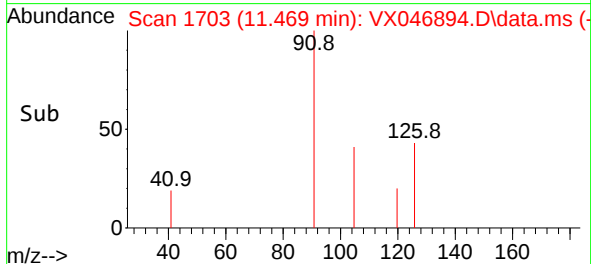
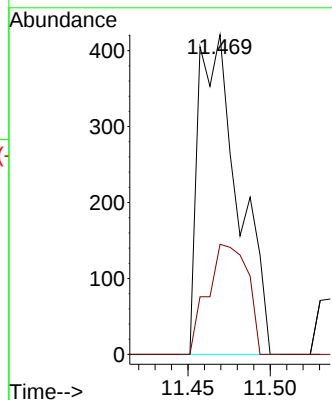
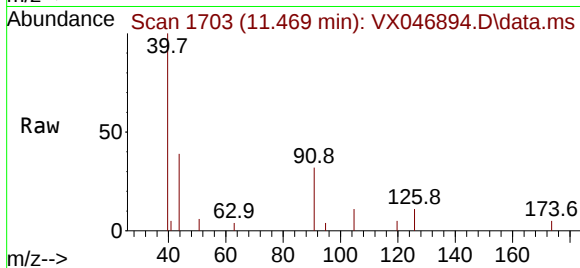
VX0707WBL01

Tgt Ion: 91 Resp: 709

Ion Ratio Lower Upper

91 100

126 34.7 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 0.024 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX046894.D

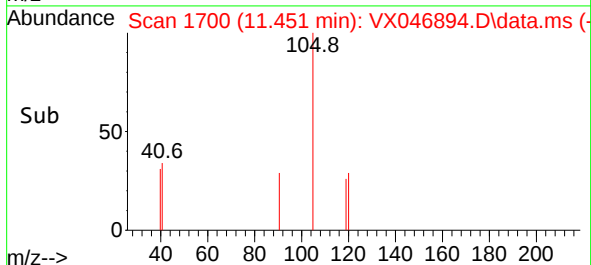
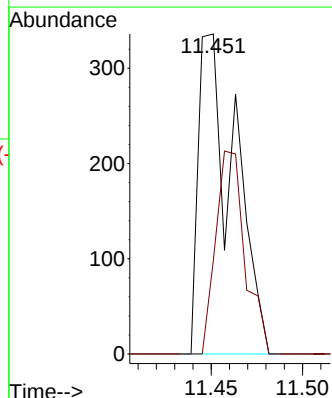
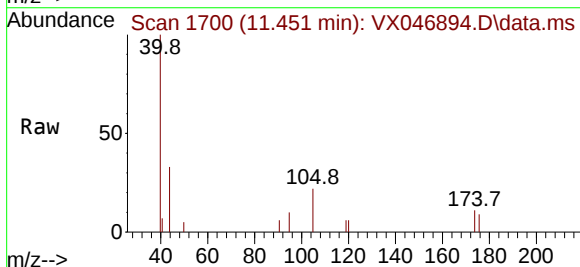
Acq: 07 Jul 2025 09:34

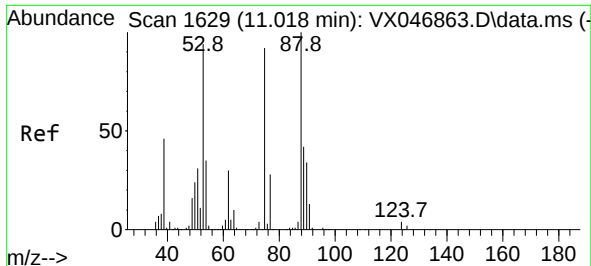
Tgt Ion: 105 Resp: 458

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.4

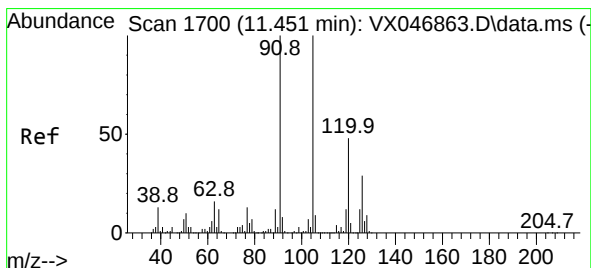
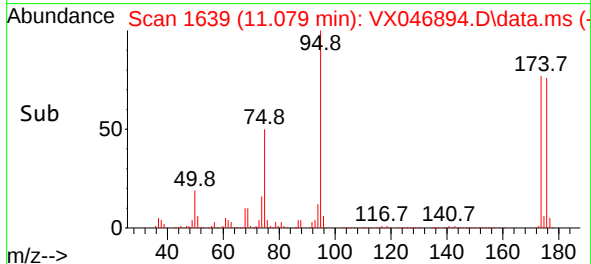
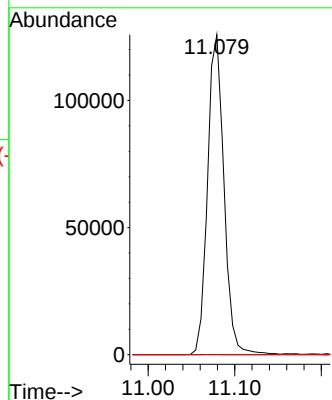
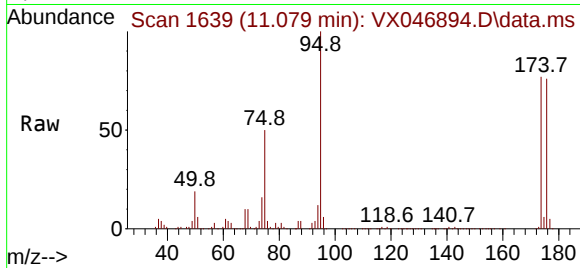




#81
trans-1,4-Dichloro-2-butene
Concen: 87.164 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

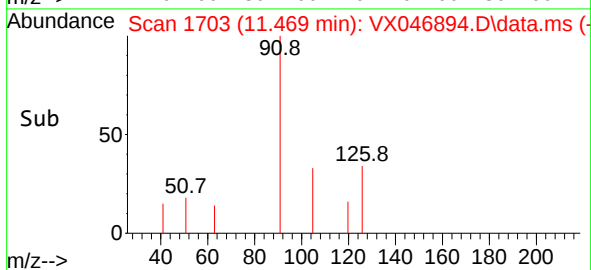
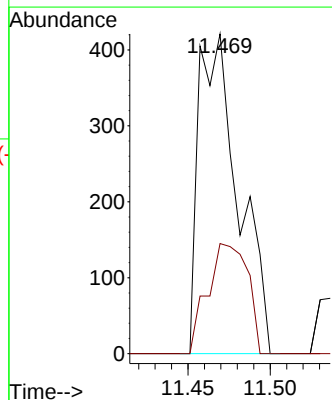
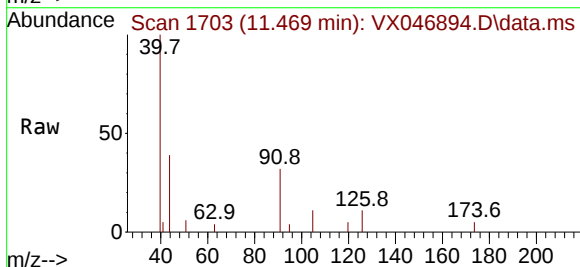
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

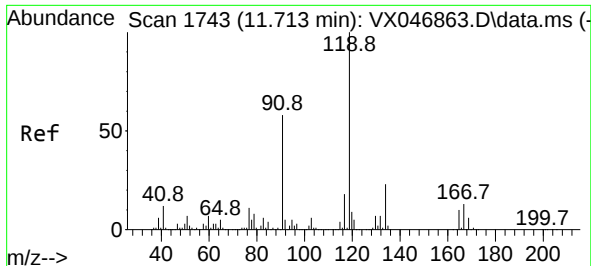
Tgt Ion: 75 Resp: 165620
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.037 ug/l
RT: 11.469 min Scan# 1703
Delta R.T. 0.018 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 91 Resp: 709
Ion Ratio Lower Upper
91 100
126 34.7 14.6 44.0

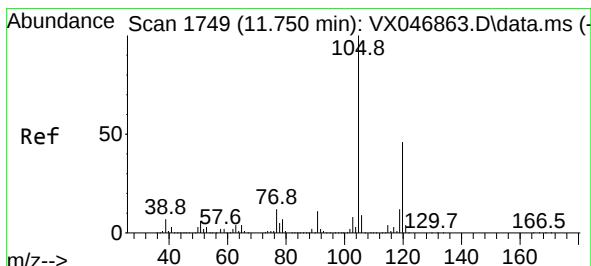
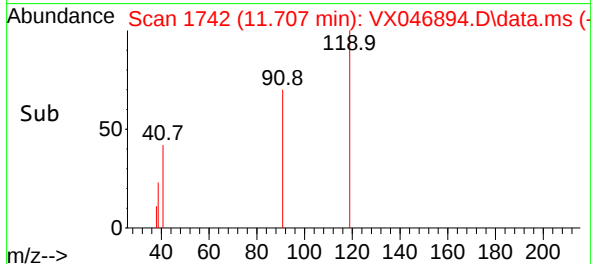
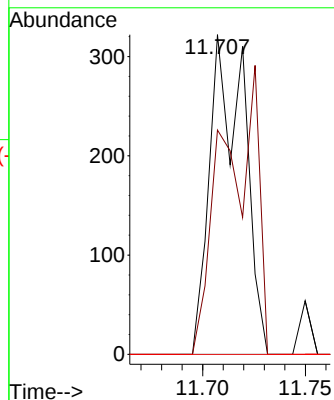
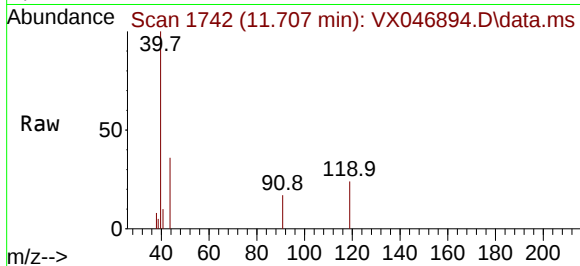




#83
tert-Butylbenzene
Concen: 0.019 ug/l
RT: 11.707 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

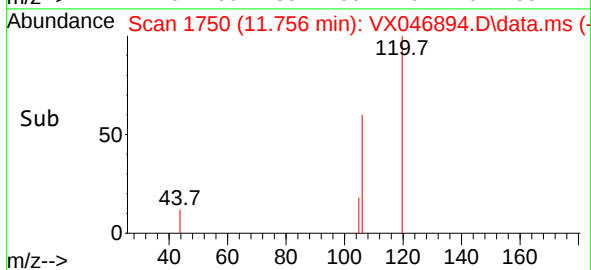
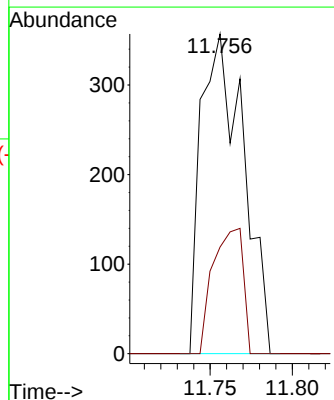
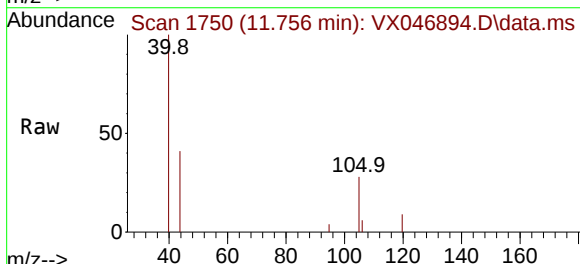
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

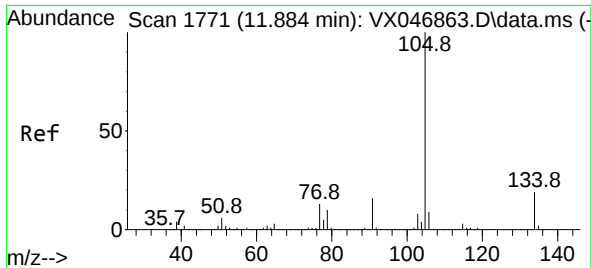
Tgt Ion:119 Resp: 372
Ion Ratio Lower Upper
119 100
91 91.4 28.7 86.3#
134 0.0 11.4 34.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.033 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion:105 Resp: 638
Ion Ratio Lower Upper
105 100
120 27.9 23.3 69.8

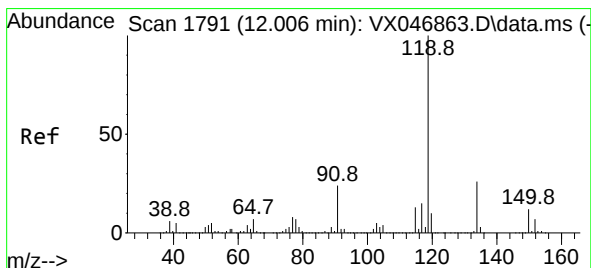
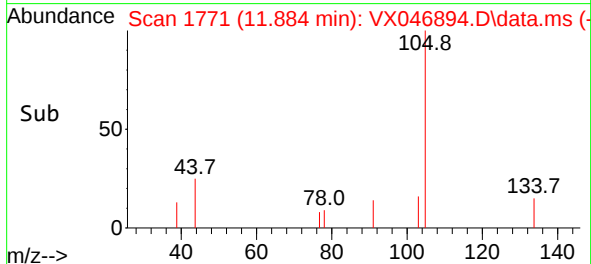
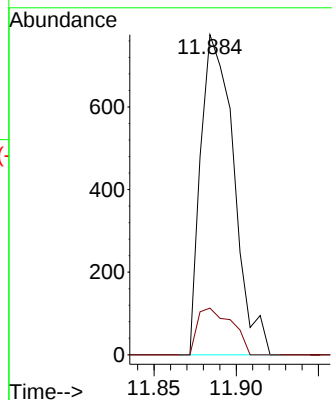
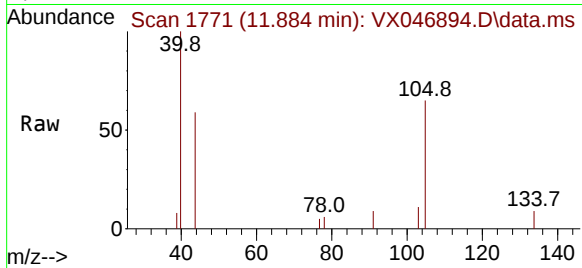




#85
 sec-Butylbenzene
 Concen: 0.044 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

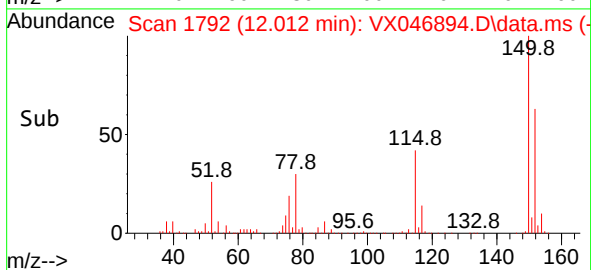
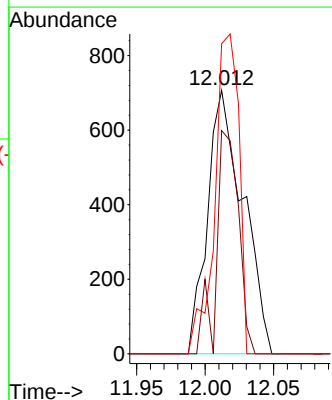
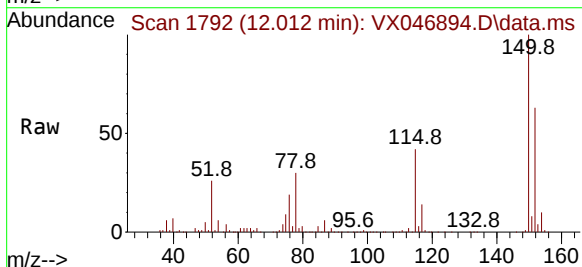
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

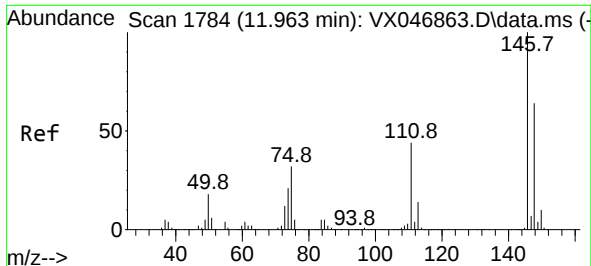
Tgt Ion:105 Resp: 1082
 Ion Ratio Lower Upper
 105 100
 134 15.2 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.062 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX046894.D
 Acq: 07 Jul 2025 09:34

Tgt Ion:119 Resp: 1280
 Ion Ratio Lower Upper
 119 100
 134 52.7 13.0 39.0#
 91 82.0 12.0 36.1#





#87

1,3-Dichlorobenzene

Concen: 0.060 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

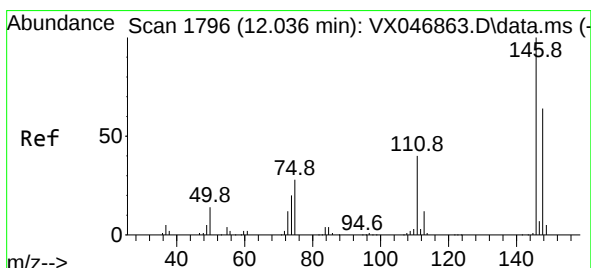
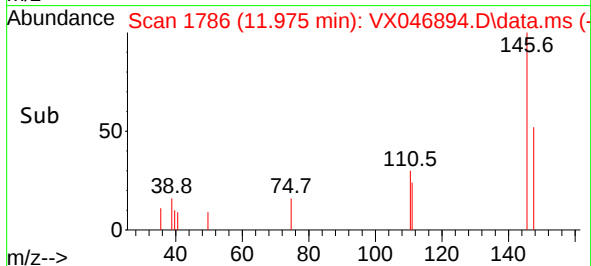
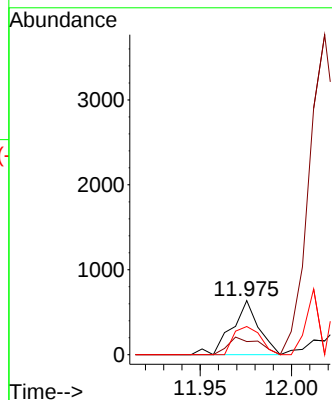
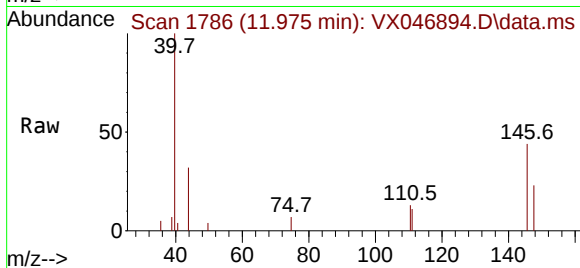
Tgt Ion:146 Resp: 650

Ion Ratio Lower Upper

146 100

111 37.2 20.5 61.6

148 52.3 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.058 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

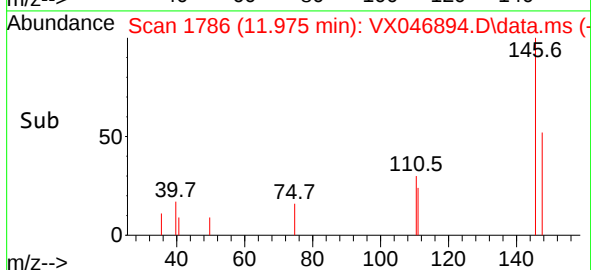
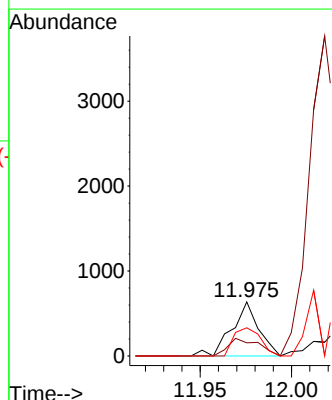
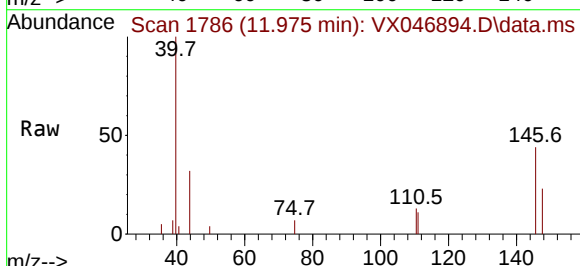
Tgt Ion:146 Resp: 650

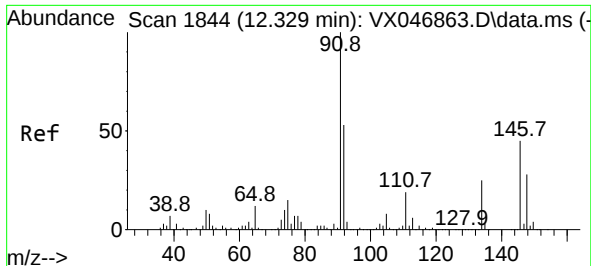
Ion Ratio Lower Upper

146 100

111 37.2 20.2 60.5

148 52.3 32.4 97.0





#89

n-Butylbenzene

Concen: 0.082 ug/l

RT: 12.347 min Scan# 1847

Delta R.T. 0.018 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

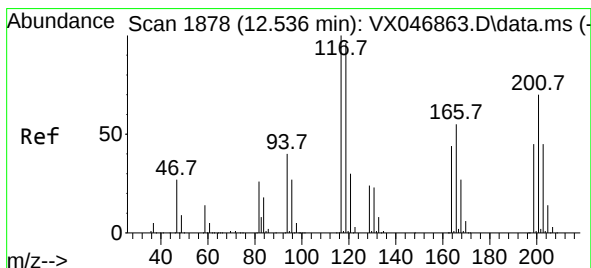
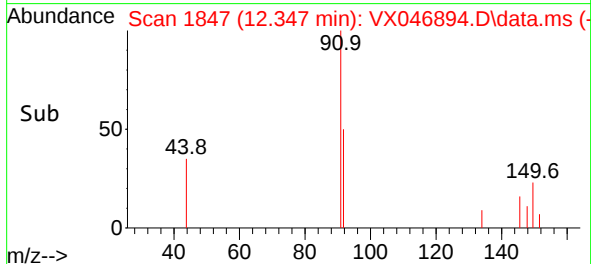
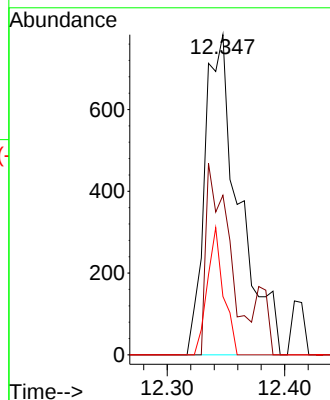
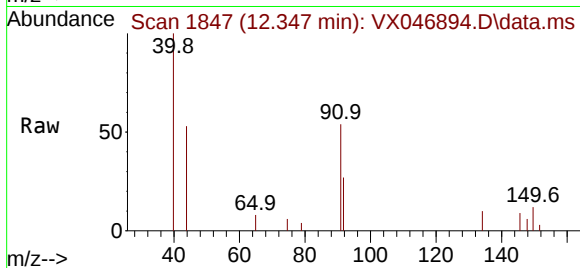
Tgt Ion: 91 Resp: 1582

Ion Ratio Lower Upper

91 100

92 40.6 27.0 81.0

134 18.8 12.8 38.4



#90

Hexachloroethane

Concen: 0.020 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX046894.D

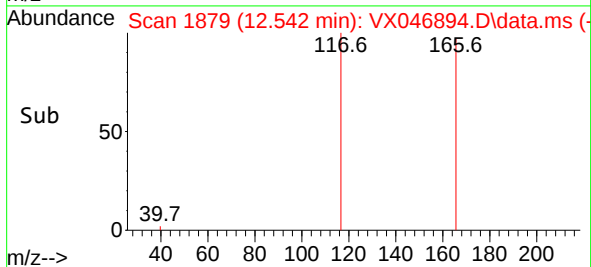
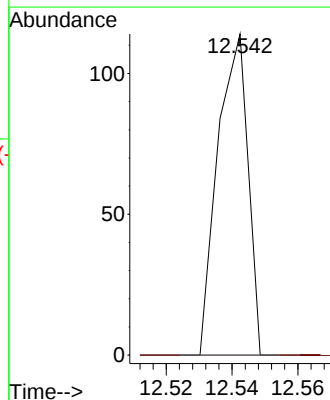
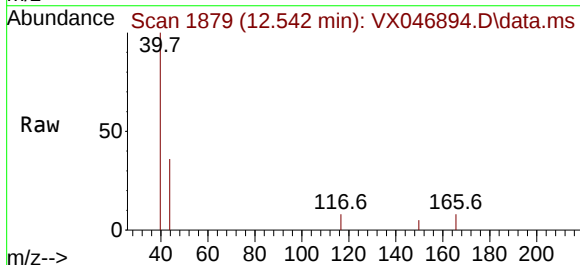
Acq: 07 Jul 2025 09:34

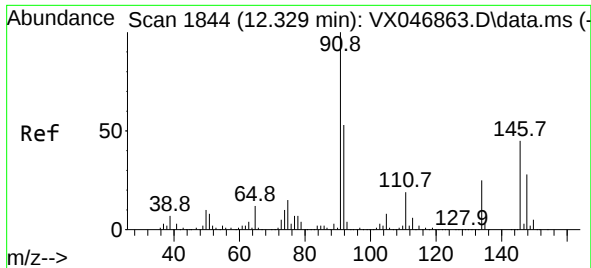
Tgt Ion: 117 Resp: 72

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.4#

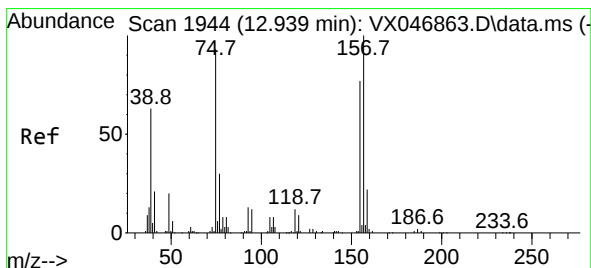
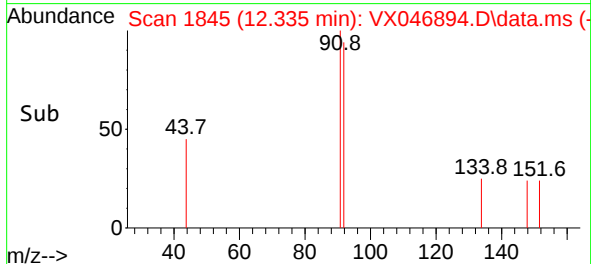
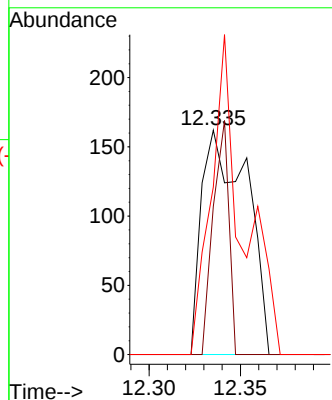
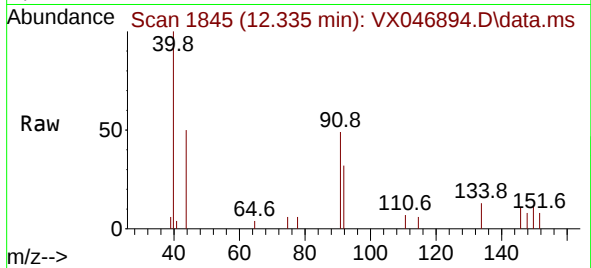




#91
1,2-Dichlorobenzene
Concen: 0.027 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

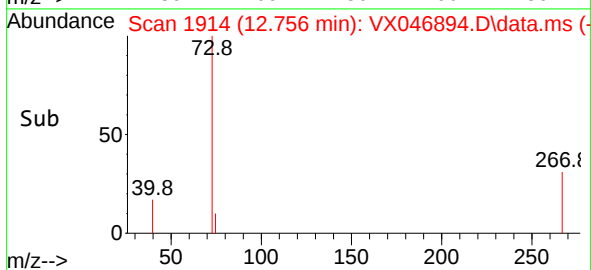
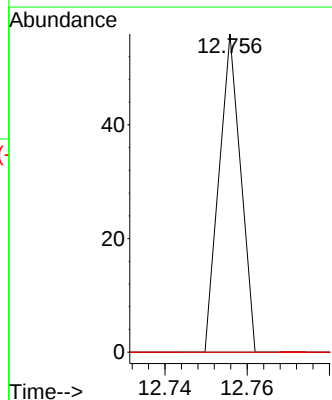
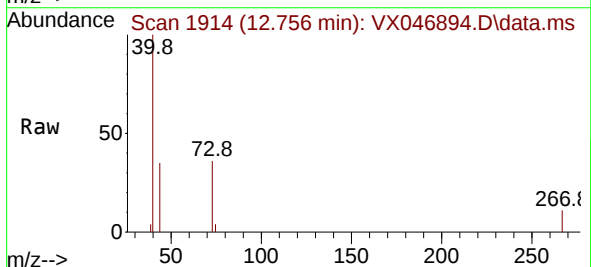
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

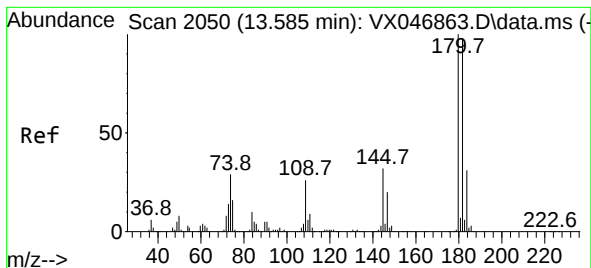
Tgt Ion:146 Resp: 278
Ion Ratio Lower Upper
146 100
111 36.3 21.1 63.1
148 98.6 31.6 95.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.018 ug/l
RT: 12.756 min Scan# 1914
Delta R.T. -0.183 min
Lab File: VX046894.D
Acq: 07 Jul 2025 09:34

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 43.1 129.4#
157 0.0 56.5 169.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.031 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

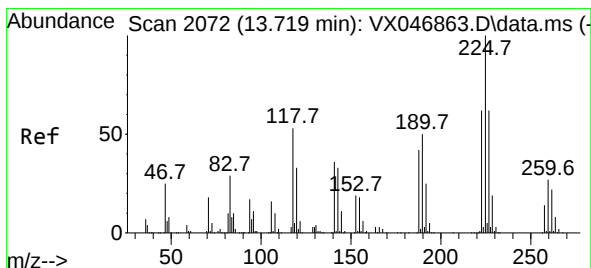
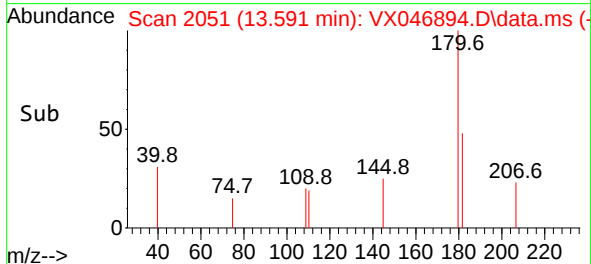
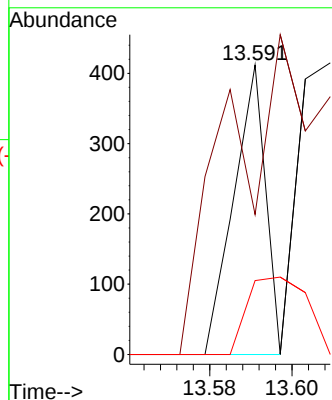
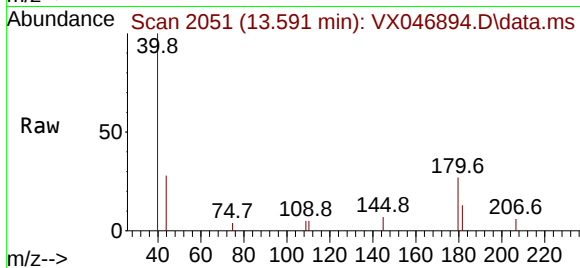
Tgt Ion:180 Resp: 221

Ion Ratio Lower Upper

180 100

182 440.7 47.3 141.9#

145 50.2 16.1 48.2#



#94

Hexachlorobutadiene

Concen: 0.673 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

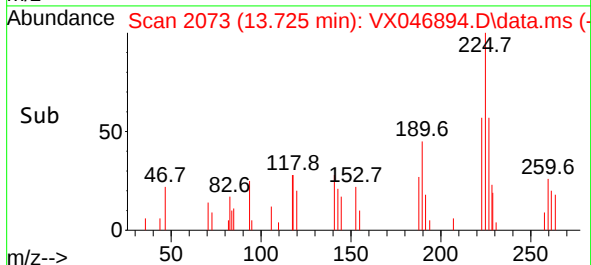
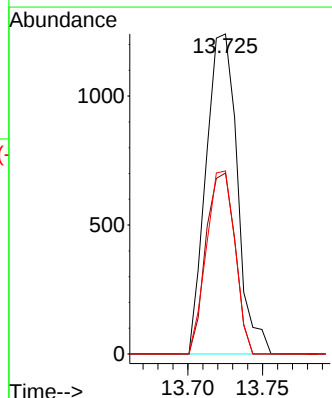
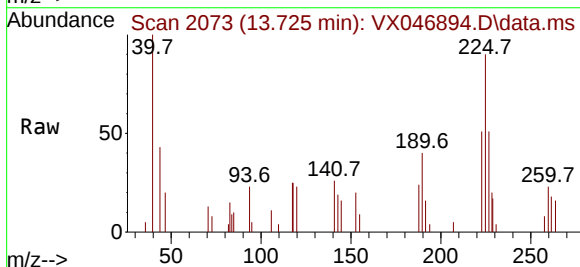
Tgt Ion:225 Resp: 1807

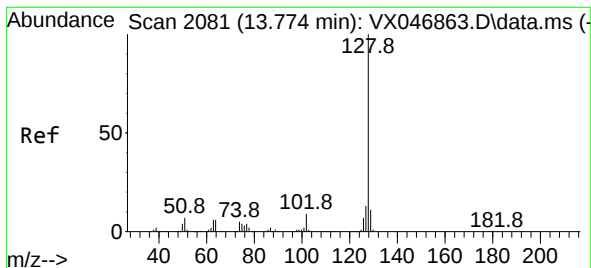
Ion Ratio Lower Upper

225 100

223 52.2 31.6 94.7

227 52.0 31.6 94.7





#95

Naphthalene

Concen: 0.058 ug/l

RT: 13.798 min Scan# 2085

Delta R.T. 0.024 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

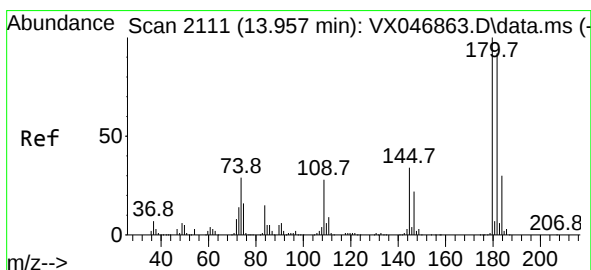
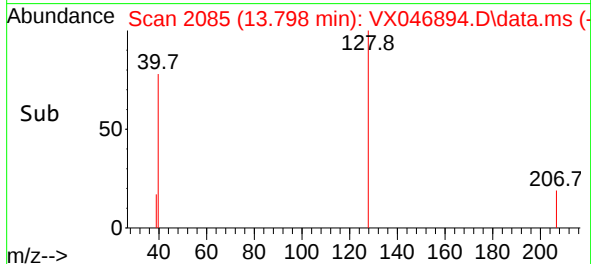
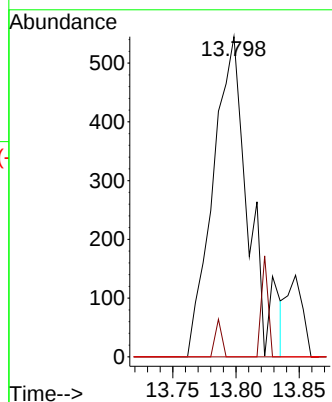
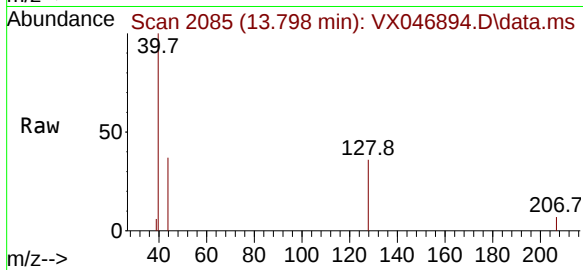
Tgt Ion:128 Resp: 1083

Ion Ratio Lower Upper

128 100

127 2.1 10.2 15.4#

129 0.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.067 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX046894.D

Acq: 07 Jul 2025 09:34

Tgt Ion:180 Resp: 449

Ion Ratio Lower Upper

180 100

182 135.6 46.7 140.1

145 32.5 16.8 50.3

