

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072525\
 Data File : VW031929.D
 Acq On : 25 Jul 2025 09:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 25 23:00:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	219368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	416265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	369013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.550	152	171112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	160396	48.334	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	96.660%
35) Dibromofluoromethane	7.904	113	135823	48.018	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.040%
50) Toluene-d8	10.325	98	516564	48.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.617	95	193771	47.139	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	77458	47.509	ug/l	100
3) Chloromethane	2.253	50	93174	44.525	ug/l	98
4) Vinyl Chloride	2.405	62	127848	47.031	ug/l	95
5) Bromomethane	2.826	94	93197	46.558	ug/l	100
6) Chloroethane	2.972	64	84452	47.072	ug/l	96
7) Trichlorofluoromethane	3.302	101	112669	40.922	ug/l	97
8) Diethyl Ether	3.716	74	83036	45.149	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	124505	47.014	ug/l	97
10) Methyl Iodide	4.307	142	185799	46.924	ug/l	98
11) Tert butyl alcohol	5.216	59	48162	246.903	ug/l	99
12) 1,1-Dichloroethene	4.076	96	140551	48.051	ug/l	92
13) Acrolein	3.929	56	40273	145.818	ug/l	98
14) Allyl chloride	4.704	41	215581	47.344	ug/l	99
15) Acrylonitrile	5.399	53	202880	246.738	ug/l	99
16) Acetone	4.161	43	168116	213.491	ug/l	99
17) Carbon Disulfide	4.417	76	354038	46.669	ug/l	100
18) Methyl Acetate	4.710	43	112827	52.006	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	254322	50.321	ug/l	98
20) Methylene Chloride	4.948	84	153453	45.108	ug/l	95
21) trans-1,2-Dichloroethene	5.447	96	148607	47.883	ug/l	92
22) Diisopropyl ether	6.338	45	438755	48.154	ug/l	99
23) Vinyl Acetate	6.277	43	1463858	245.915	ug/l	97
24) 1,1-Dichloroethane	6.240	63	274169	48.329	ug/l	99
25) 2-Butanone	7.191	43	260103	241.412	ug/l	96
26) 2,2-Dichloropropane	7.185	77	154546	48.120	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	176139	48.276	ug/l	99
28) Bromochloromethane	7.526	49	115021	48.425	ug/l	96
29) Tetrahydrofuran	7.551	42	175409	248.318	ug/l	99
30) Chloroform	7.691	83	290339	48.812	ug/l	96
31) Cyclohexane	7.965	56	234650	46.105	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	216059	47.735	ug/l	99
36) 1,1-Dichloropropene	8.093	75	204348	47.043	ug/l	100
37) Ethyl Acetate	7.270	43	115147	46.468	ug/l	99
38) Carbon Tetrachloride	8.081	117	200424	48.076	ug/l	97
39) Methylcyclohexane	9.343	83	258611	47.307	ug/l	98
40) Benzene	8.331	78	599004	46.583	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	69199	46.650	ug/l	98
42) 1,2-Dichloroethane	8.410	62	193540	47.028	ug/l	100
43) Isopropyl Acetate	8.435	43	215470	48.031	ug/l	99
44) Trichloroethene	9.099	130	145302	47.539	ug/l	93
45) 1,2-Dichloropropane	9.374	63	146954	47.453	ug/l	99
46) Dibromomethane	9.465	93	91179	47.496	ug/l	97
47) Bromodichloromethane	9.648	83	216248	46.977	ug/l	99
48) Methyl methacrylate	9.441	41	105009	49.202	ug/l	99
49) 1,4-Dioxane	9.465	88	19959	1041.954	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	600058	244.416	ug/l	99
52) Toluene	10.392	92	393989	47.663	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	214846	48.655	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	240862	47.764	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	122728	48.129	ug/l	99
56) Ethyl methacrylate	10.648	69	181513	50.401	ug/l	98
57) 1,3-Dichloropropane	10.934	76	213811	47.594	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	449530	243.009	ug/l	100
59) 2-Hexanone	10.971	43	410390	240.484	ug/l	99
60) Dibromochloromethane	11.129	129	149292	50.215	ug/l	97
61) 1,2-Dibromoethane	11.239	107	121040	48.038	ug/l	99
64) Tetrachloroethene	10.867	164	117081	48.123	ug/l #	84
65) Chlorobenzene	11.654	112	424208	46.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	137245	49.019	ug/l	95
67) Ethyl Benzene	11.727	91	757605	47.744	ug/l	100
68) m/p-Xylenes	11.837	106	578784	96.889	ug/l	96
69) o-Xylene	12.166	106	271090	47.953	ug/l	97
70) Styrene	12.178	104	465458	48.358	ug/l	100
71) Bromoform	12.349	173	71961	46.995	ug/l #	98
73) Isopropylbenzene	12.464	105	702377	47.308	ug/l	99
74) N-amyl acetate	12.269	43	195992	48.830	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	148006	46.965	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	193166	81.765	ug/l #	100
77) Bromobenzene	12.745	156	155357	48.362	ug/l	93
78) n-propylbenzene	12.800	91	864835	47.428	ug/l	99
79) 2-Chlorotoluene	12.891	91	514092	47.220	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	580059	46.584	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	49755	48.623	ug/l	98
82) 4-Chlorotoluene	12.983	91	541424	47.404	ug/l	98
83) tert-Butylbenzene	13.202	119	506524	47.756	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	578065	45.867	ug/l	100
85) sec-Butylbenzene	13.379	105	752838	47.264	ug/l	98
86) p-Isopropyltoluene	13.495	119	621844	47.233	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	303583	45.400	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	299588	45.735	ug/l	100
89) n-Butylbenzene	13.818	91	612416	47.419	ug/l	99
90) Hexachloroethane	14.086	117	106629	46.838	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	272386	45.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	26111	45.861	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	167177	46.777	ug/l	93
94) Hexachlorobutadiene	15.226	225	78202	46.177	ug/l	95
95) Naphthalene	15.360	128	422088	48.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	158895	49.070	ug/l	89

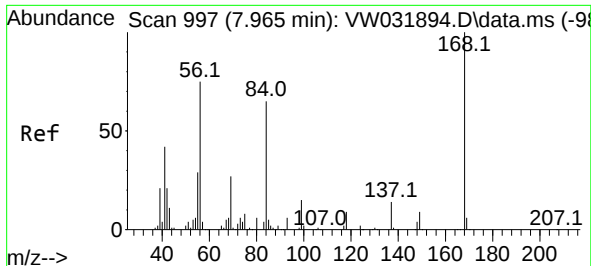
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072525\
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

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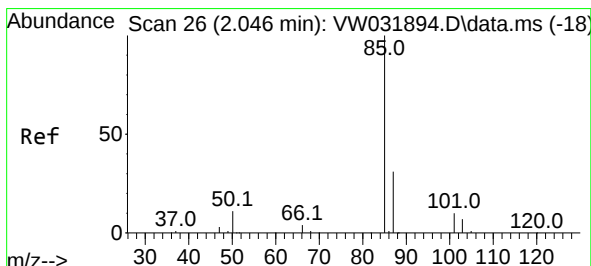
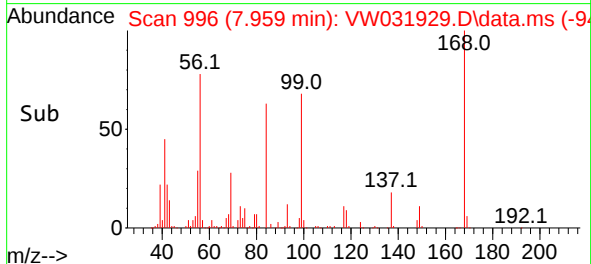
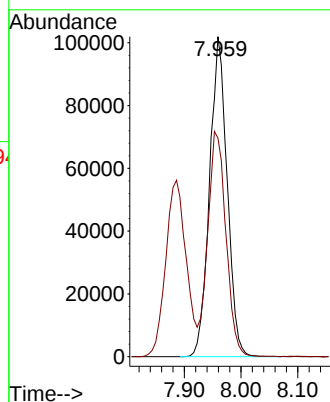
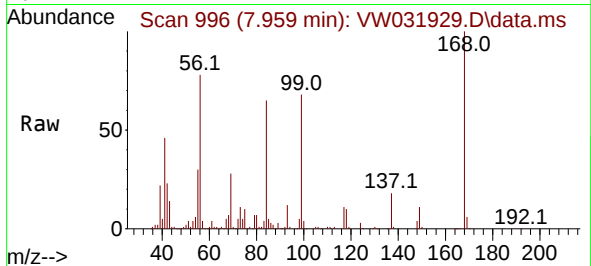
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

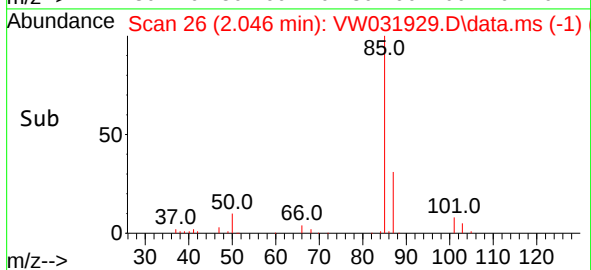
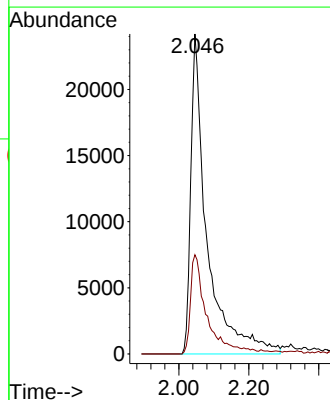
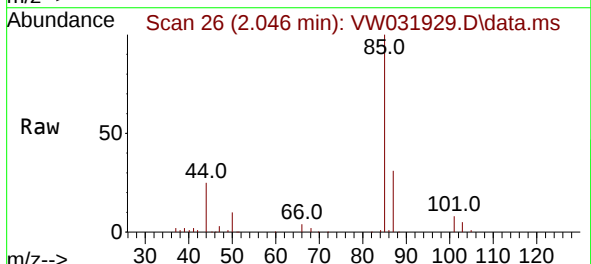
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

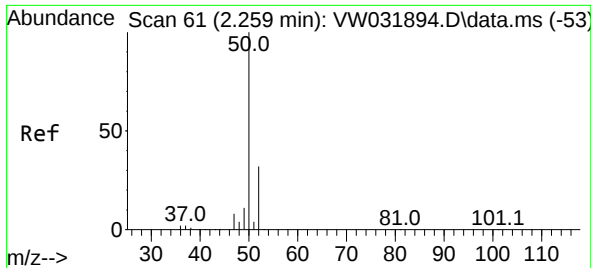
Tgt Ion:168 Resp: 219368
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 47.509 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 85 Resp: 77458
Ion Ratio Lower Upper
85 100
87 31.0 15.5 46.5

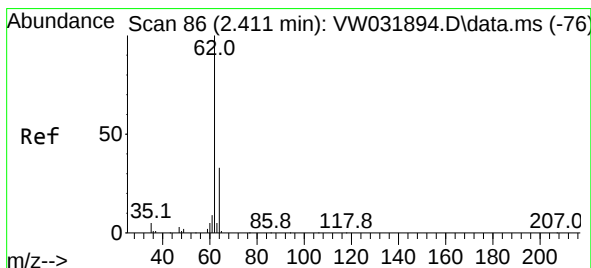
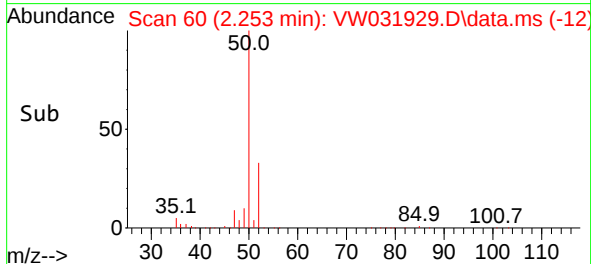
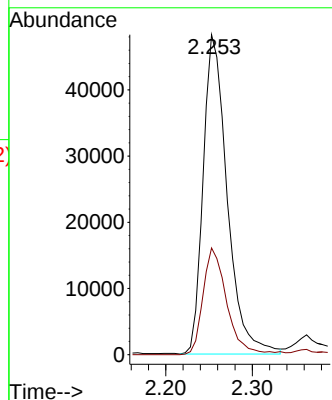
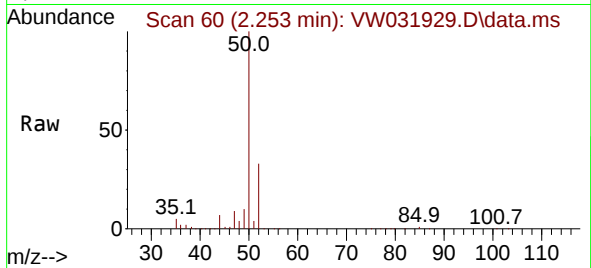




#3
Chloromethane
Concen: 44.525 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

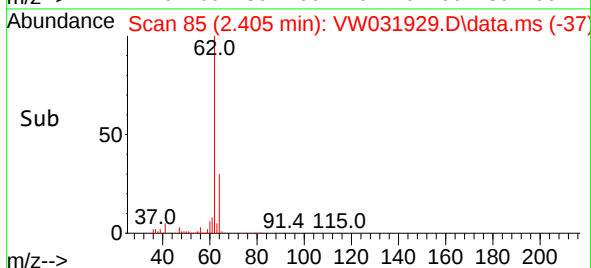
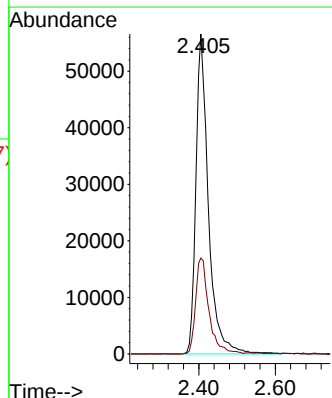
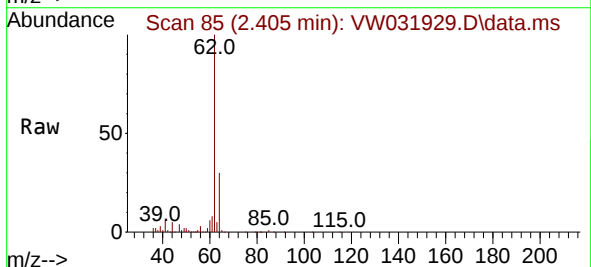
Instrument :
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ClientSampleId :
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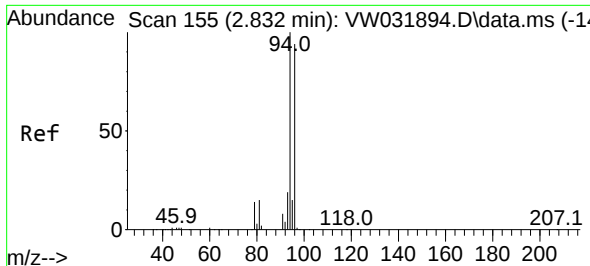
Tgt Ion: 50 Resp: 93174
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 47.031 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 62 Resp: 127848
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.2

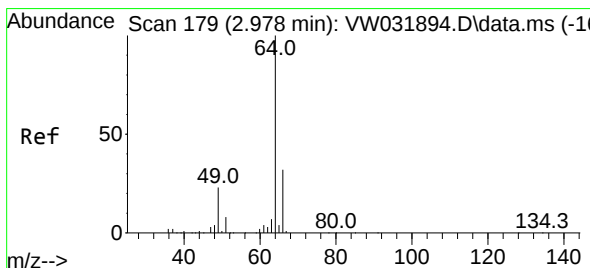
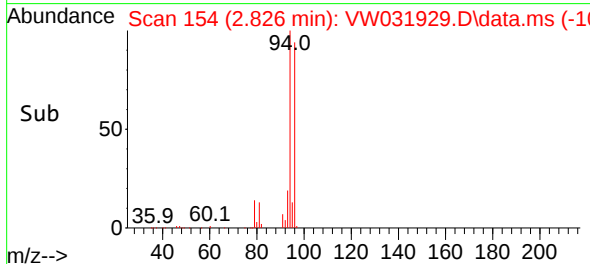
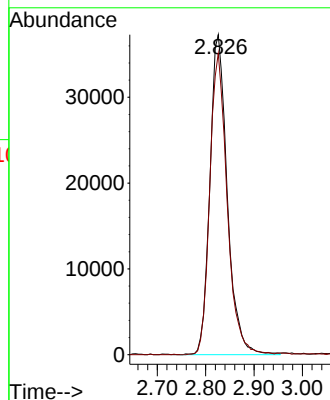
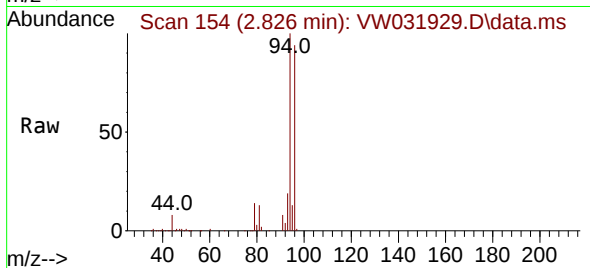




#5
Bromomethane
Concen: 46.558 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

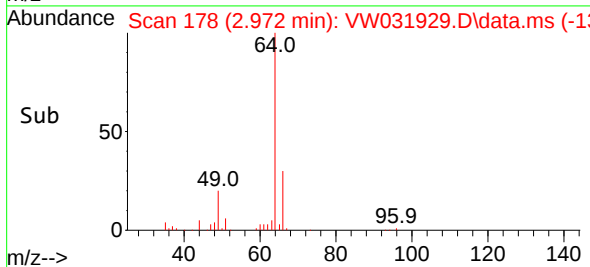
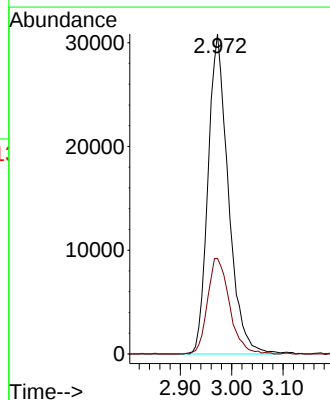
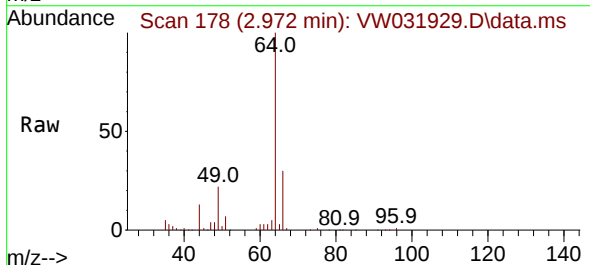
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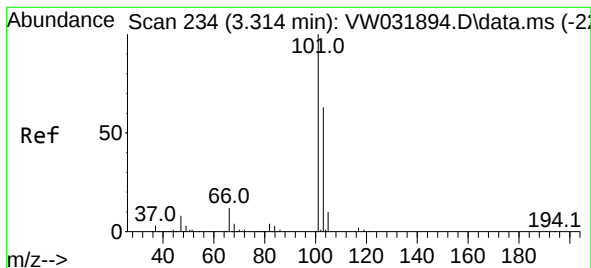
Tgt Ion: 94 Resp: 93197
Ion Ratio Lower Upper
94 100
96 94.3 75.0 112.6



#6
Chloroethane
Concen: 47.072 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 64 Resp: 84452
Ion Ratio Lower Upper
64 100
66 29.9 25.6 38.4





#7

Trichlorofluoromethane

Concen: 40.922 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.012 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

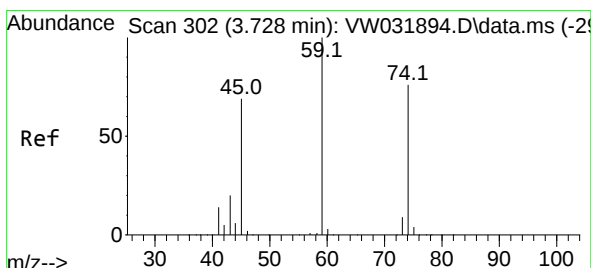
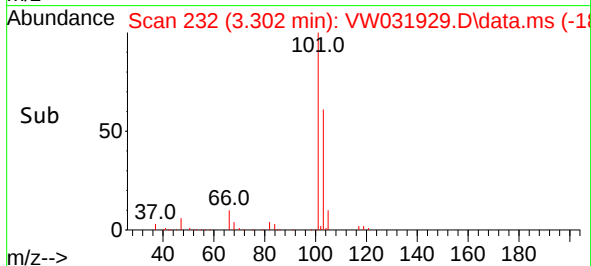
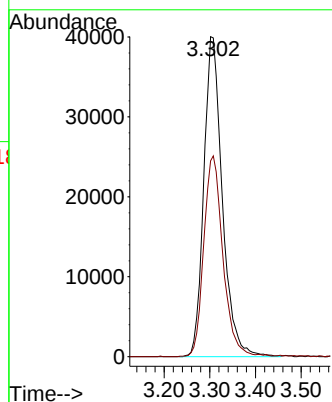
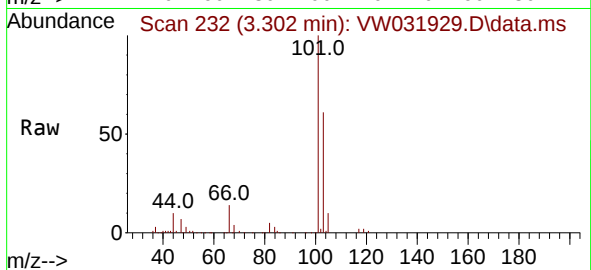
VSTDCCC050

Tgt Ion:101 Resp: 112669

Ion Ratio Lower Upper

101 100

103 61.0 50.7 76.1



#8

Diethyl Ether

Concen: 45.149 ug/l

RT: 3.716 min Scan# 300

Delta R.T. -0.012 min

Lab File: VW031929.D

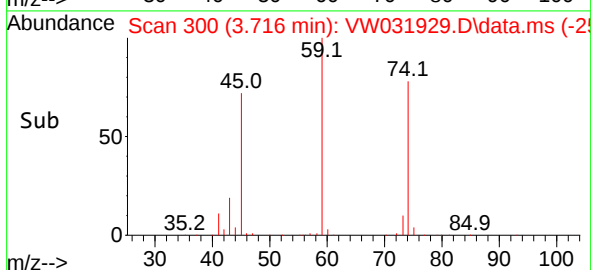
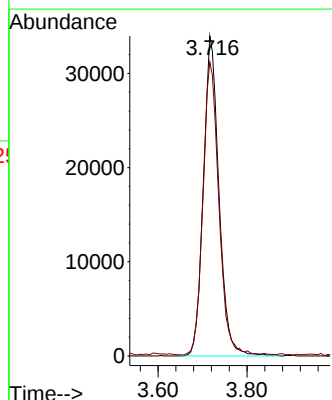
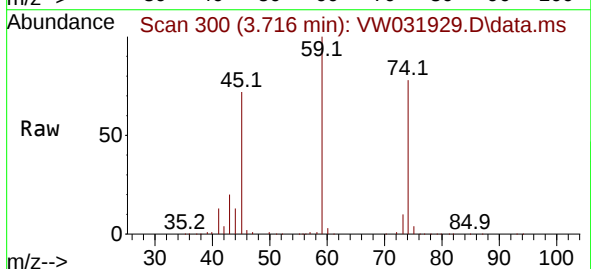
Acq: 25 Jul 2025 09:30

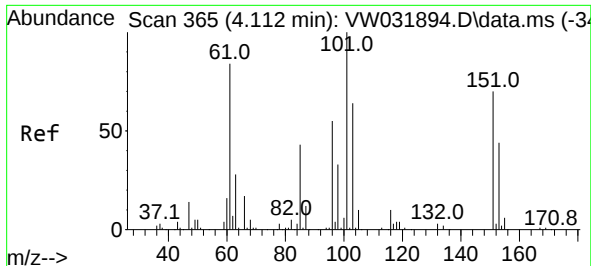
Tgt Ion: 74 Resp: 83036

Ion Ratio Lower Upper

74 100

45 93.3 45.5 136.5

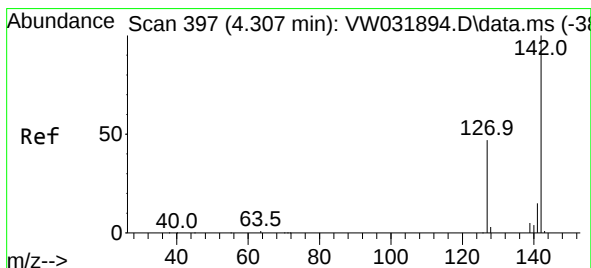
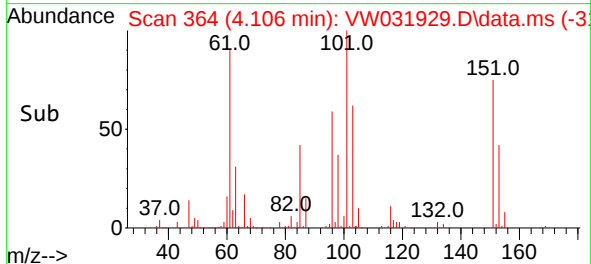
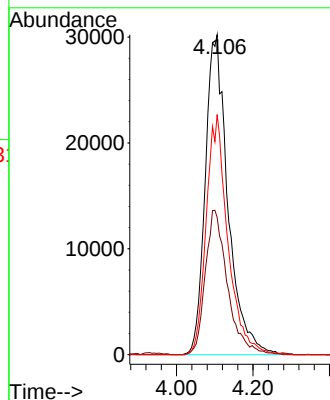
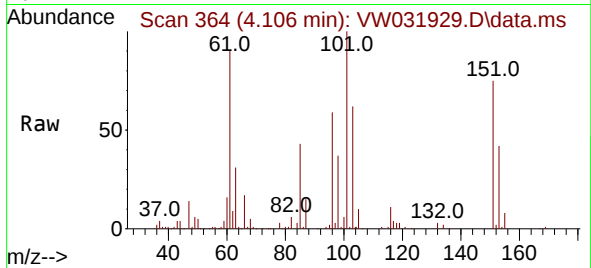




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.014 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.006 min
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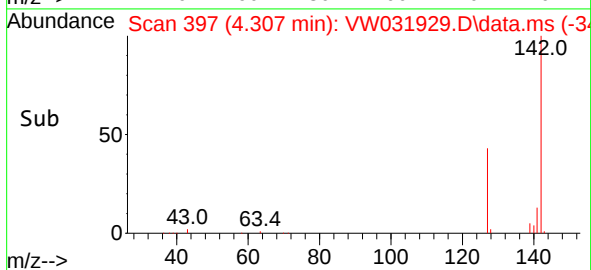
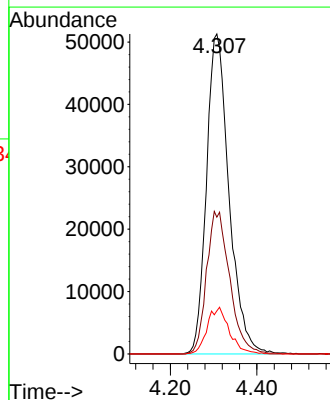
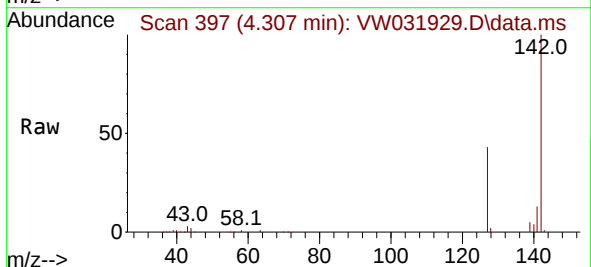
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

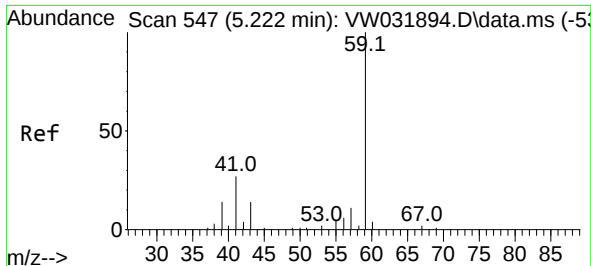
Tgt Ion:101 Resp: 124505
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 71.8 54.6 81.8



#10
Methyl Iodide
Concen: 46.924 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:142 Resp: 185799
Ion Ratio Lower Upper
142 100
127 45.7 37.4 56.2
141 14.3 11.9 17.9

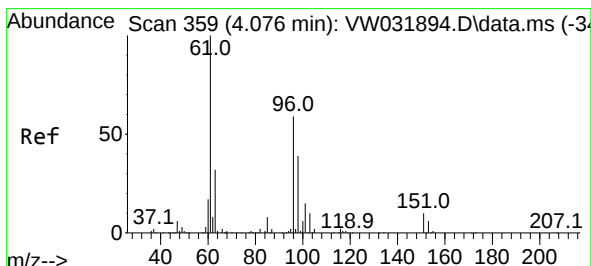
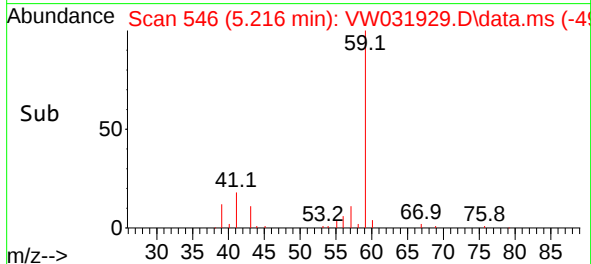
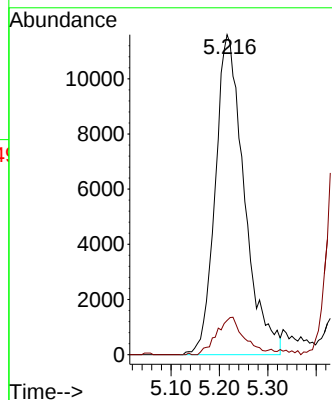
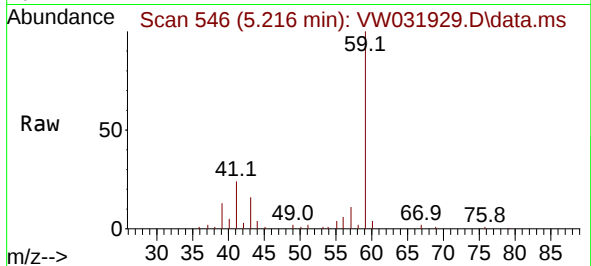




#11
Tert butyl alcohol
Concen: 246.903 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

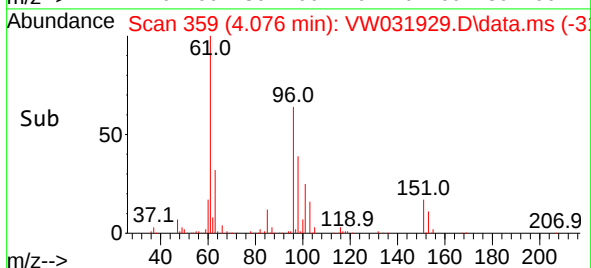
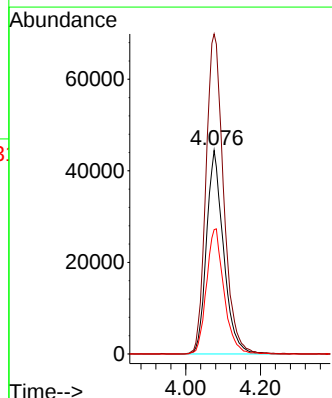
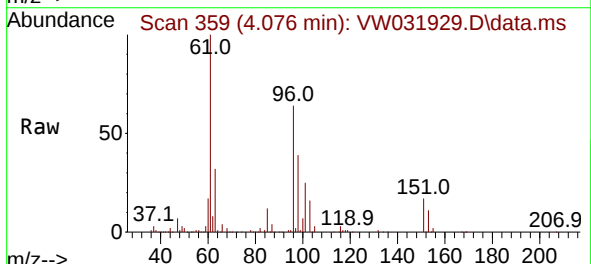
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 48162
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.051 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 96 Resp: 140551
Ion Ratio Lower Upper
96 100
61 157.2 135.0 202.6
98 61.1 52.3 78.5

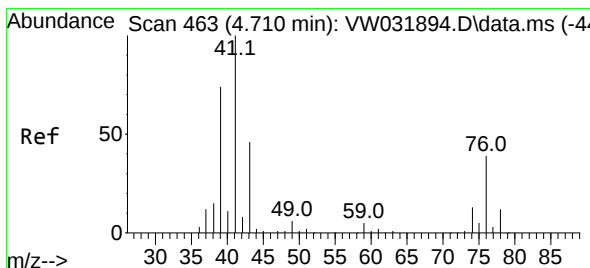
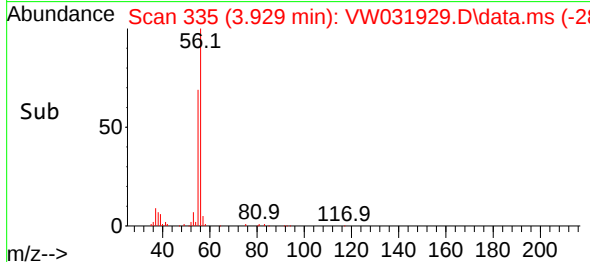
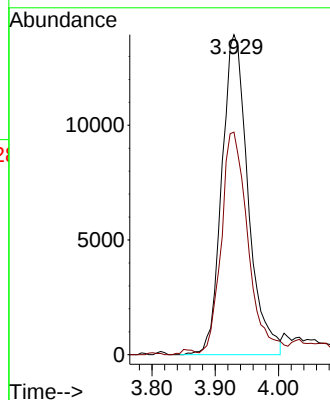
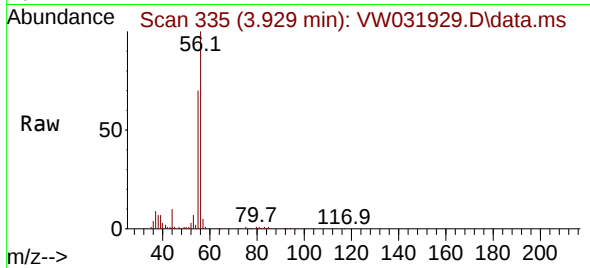




#13
Acrolein
Concen: 145.818 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.013 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

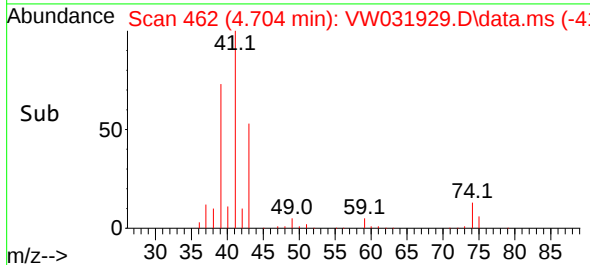
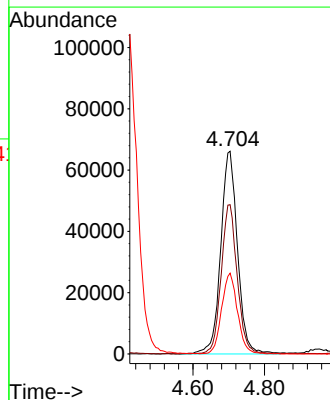
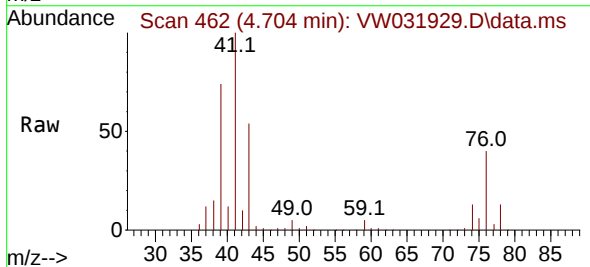
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

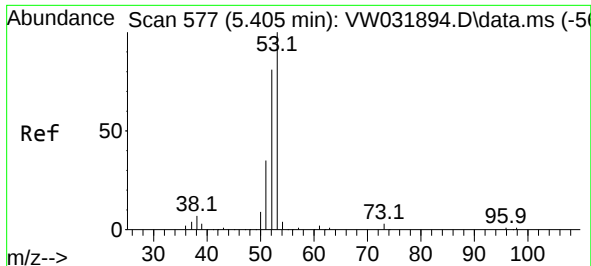
Tgt Ion: 56 Resp: 40273
Ion Ratio Lower Upper
56 100
55 69.3 56.7 85.1



#14
Allyl chloride
Concen: 47.344 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 41 Resp: 215581
Ion Ratio Lower Upper
41 100
39 70.3 56.6 85.0
76 37.3 30.1 45.1

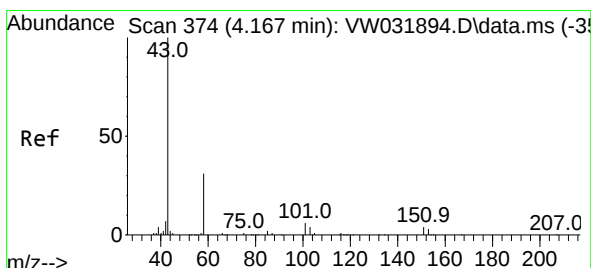
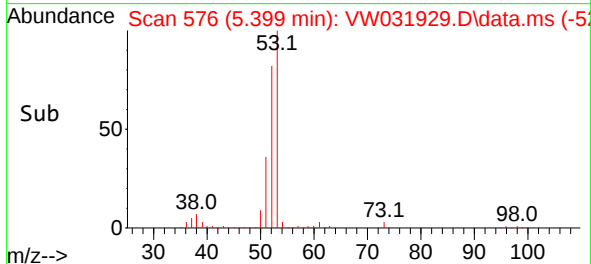
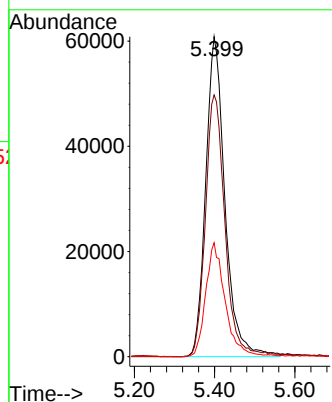
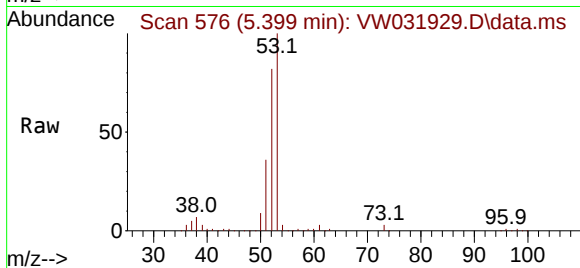




#15
Acrylonitrile
Concen: 246.738 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

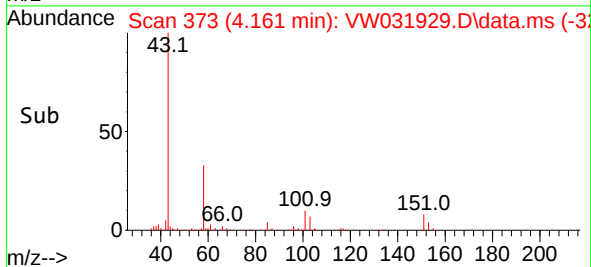
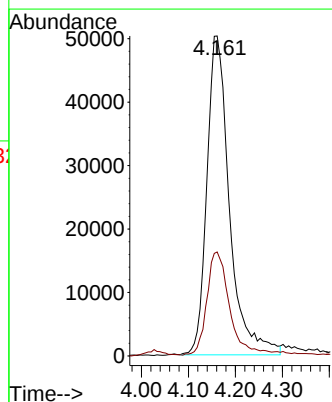
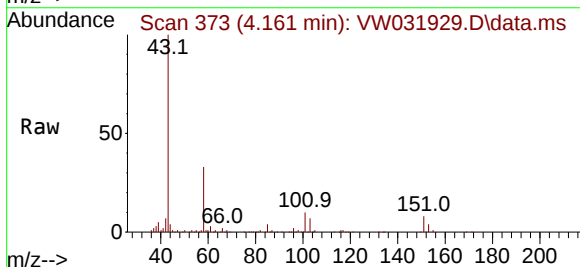
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

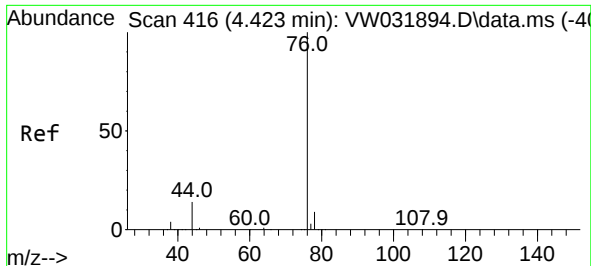
Tgt Ion: 53 Resp: 202880
Ion Ratio Lower Upper
53 100
52 83.5 67.0 100.4
51 35.9 29.9 44.9



#16
Acetone
Concen: 213.491 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 43 Resp: 168116
Ion Ratio Lower Upper
43 100
58 32.2 25.5 38.3

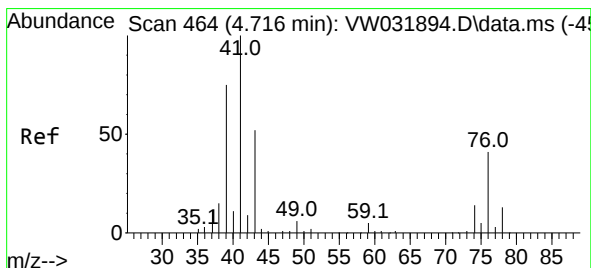
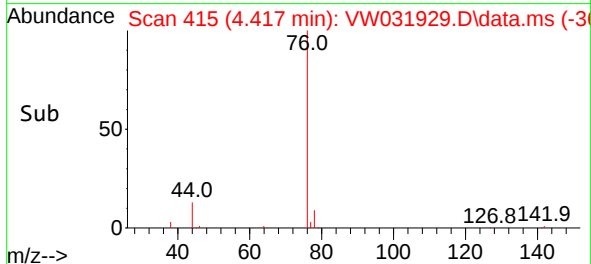
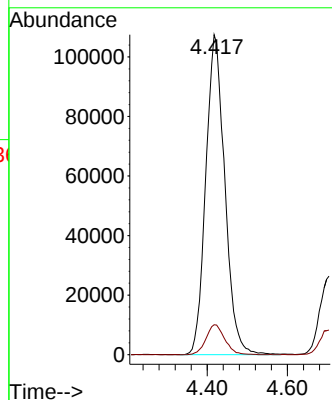
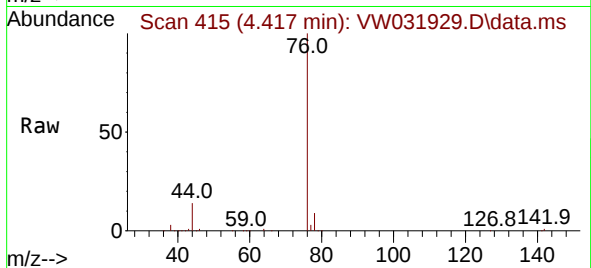




#17
Carbon Disulfide
Concen: 46.669 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

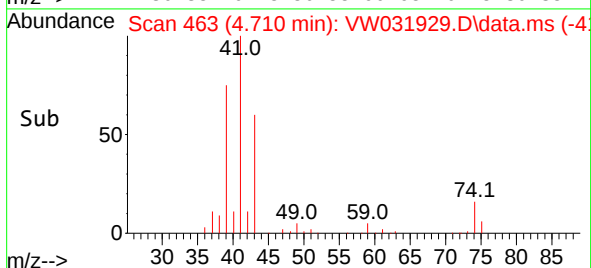
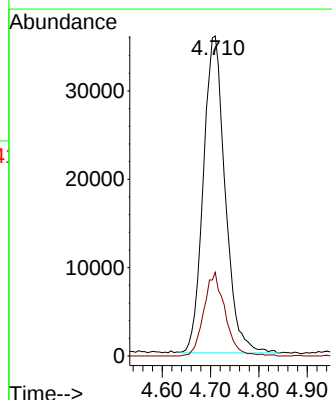
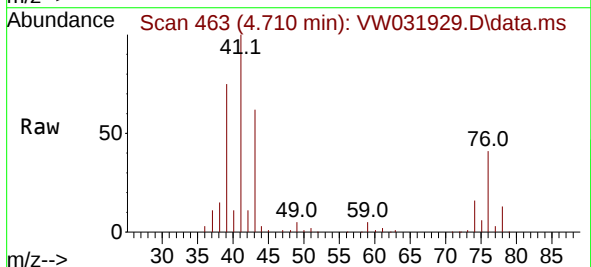
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

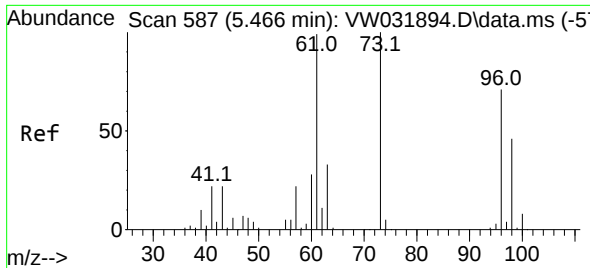
Tgt Ion: 76 Resp: 354038
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 52.006 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 43 Resp: 112827
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0

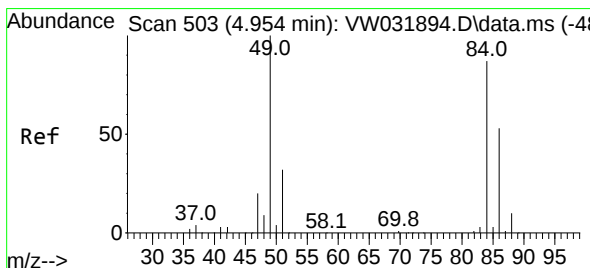
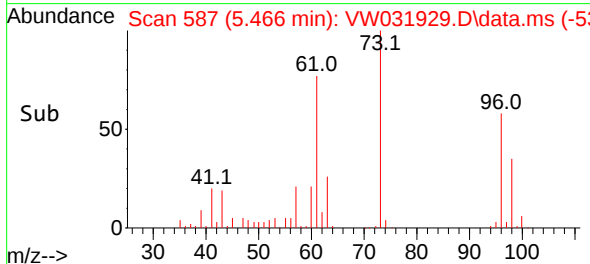
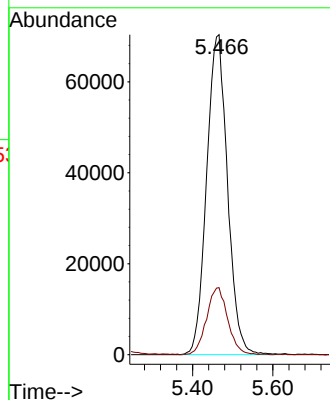
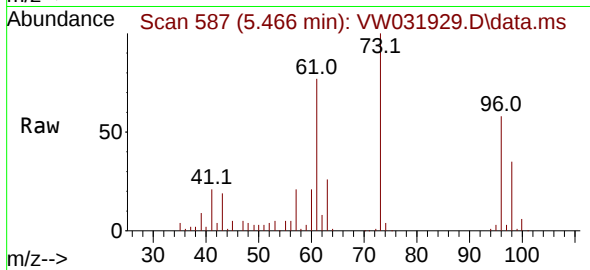




#19
Methyl tert-butyl Ether
Concen: 50.321 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

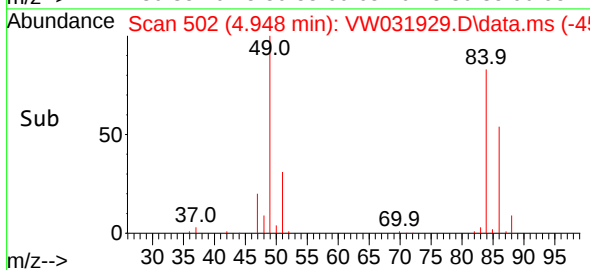
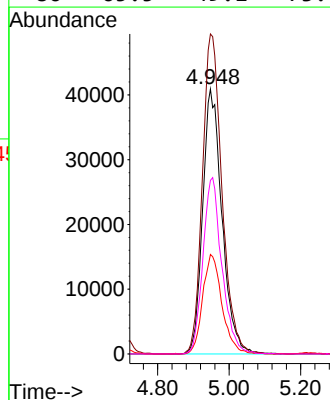
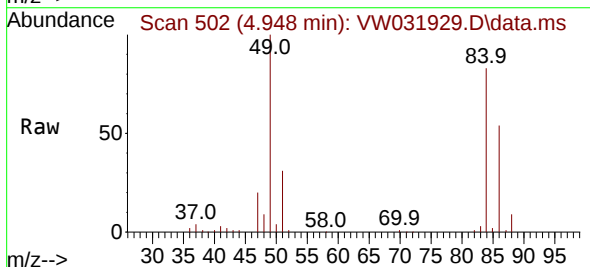
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

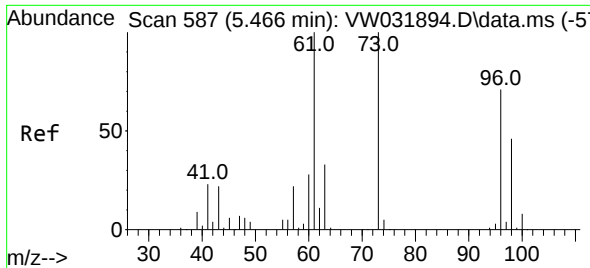
Tgt Ion: 73 Resp: 254322
Ion Ratio Lower Upper
73 100
57 21.0 17.5 26.3



#20
Methylene Chloride
Concen: 45.108 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 84 Resp: 153453
Ion Ratio Lower Upper
84 100
49 120.7 91.9 137.9
51 37.5 29.0 43.6
86 65.5 49.1 73.7

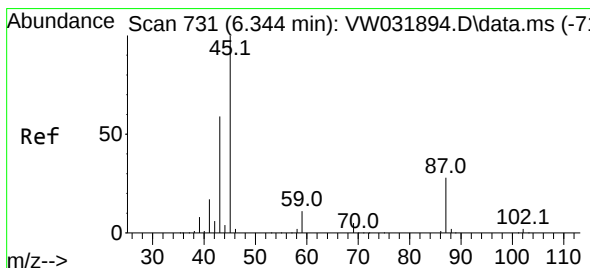
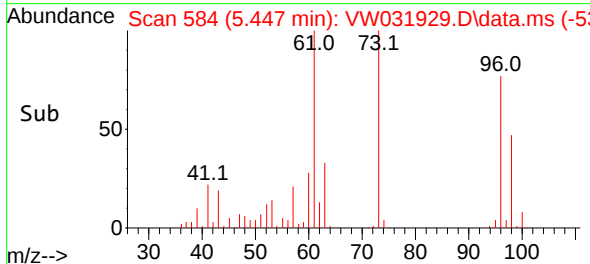
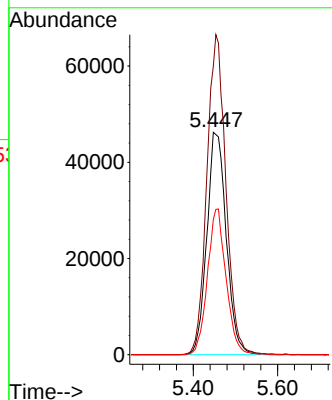
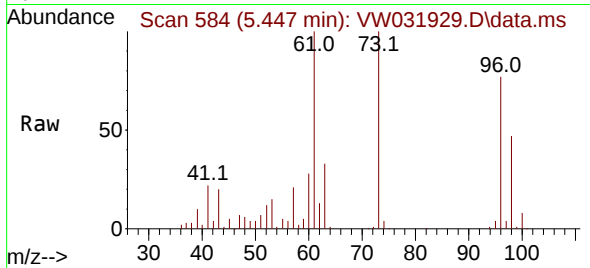




#21
trans-1,2-Dichloroethene
Concen: 47.883 ug/l
RT: 5.447 min Scan# 51
Delta R.T. -0.018 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

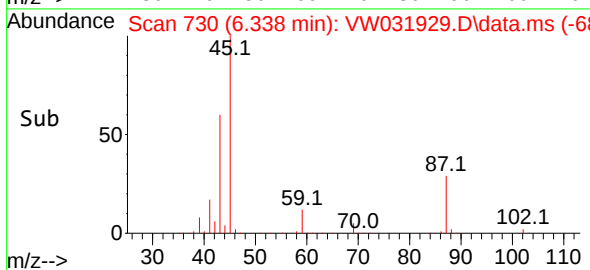
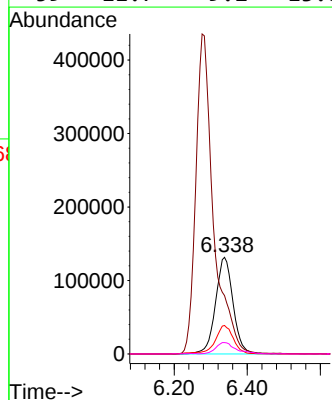
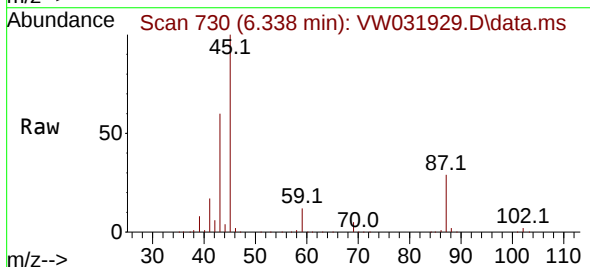
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

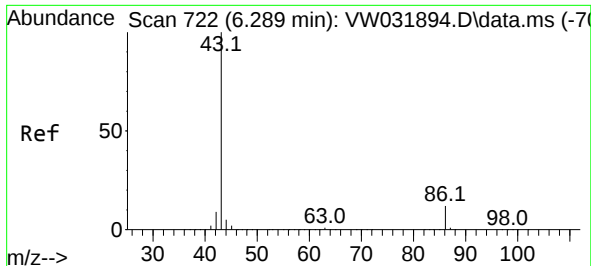
Tgt Ion: 96 Resp: 148607
Ion Ratio Lower Upper
96 100
61 129.6 112.8 169.2
98 60.8 51.9 77.9



#22
Diisopropyl ether
Concen: 48.154 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 45 Resp: 438755
Ion Ratio Lower Upper
45 100
43 60.0 47.0 70.6
87 29.3 22.8 34.2
59 11.7 9.2 13.8

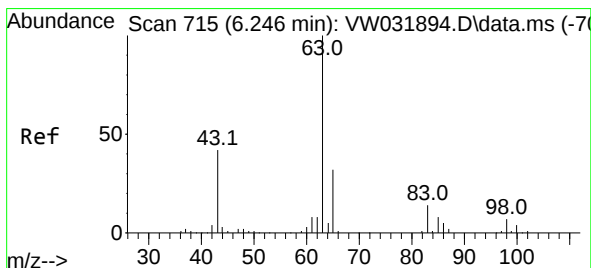
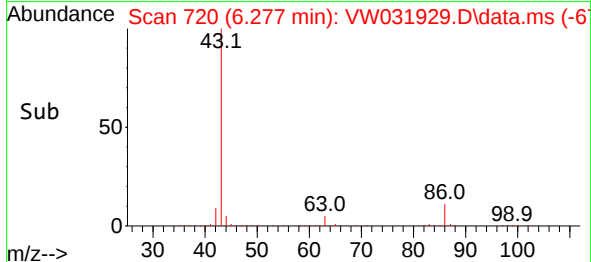
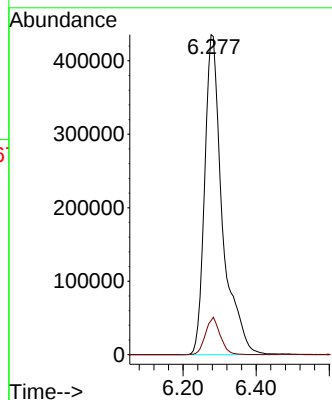
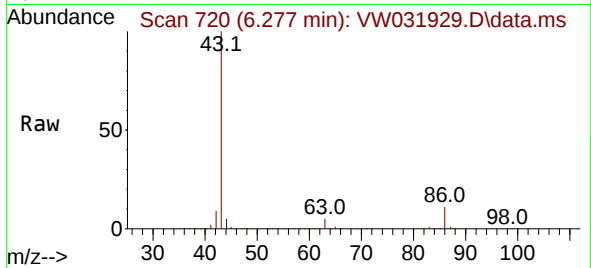




#23
 Vinyl Acetate
 Concen: 245.915 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.012 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

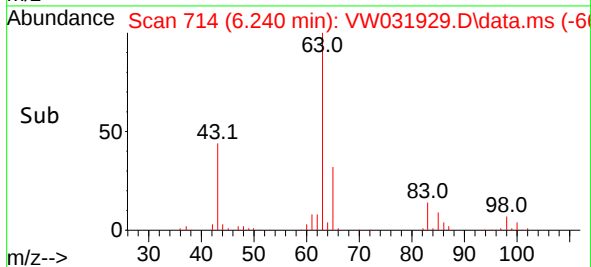
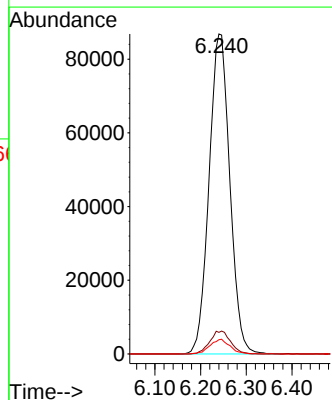
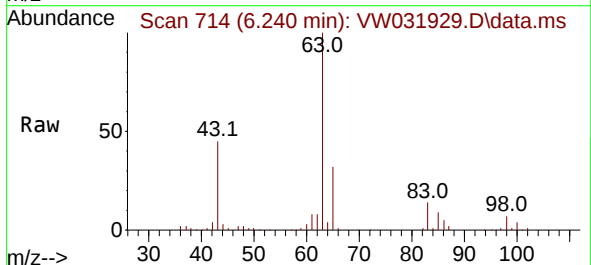
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

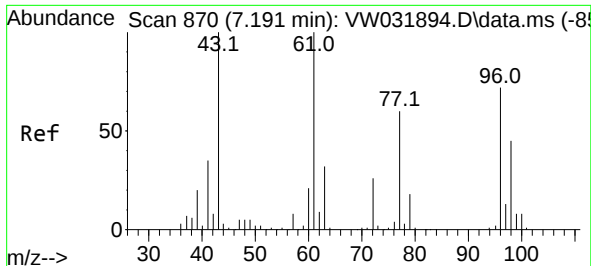
Tgt Ion: 43 Resp: 1463858
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 48.329 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

Tgt Ion: 63 Resp: 274169
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.4 2.2 6.6

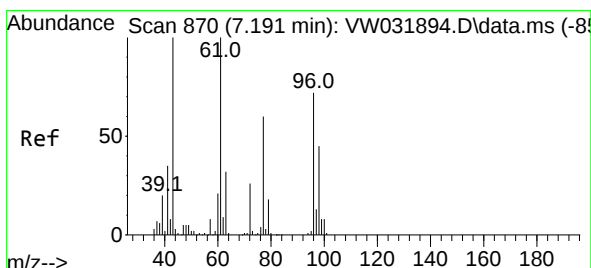
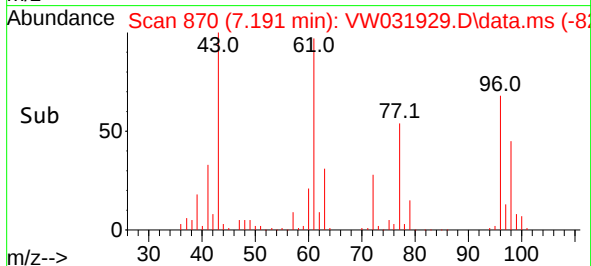
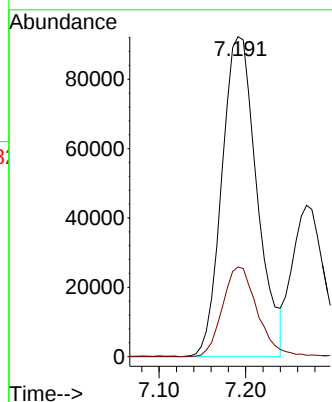
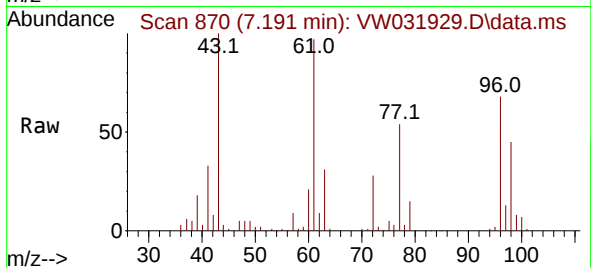




#25
2-Butanone
Concen: 241.412 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

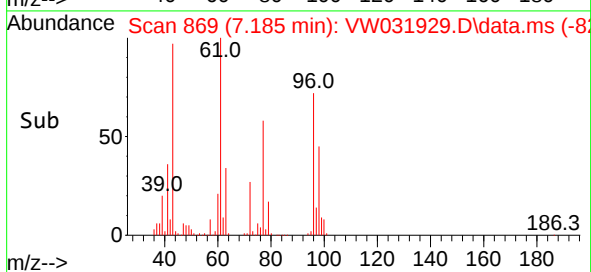
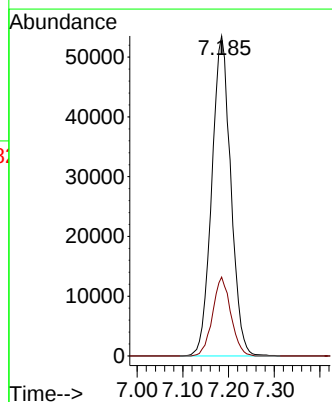
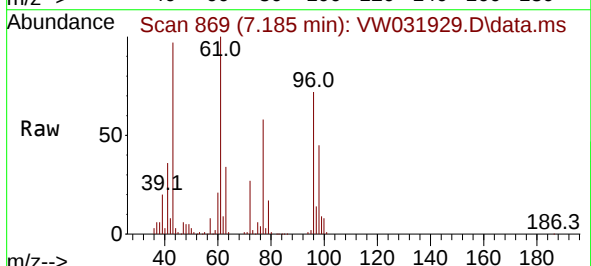
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

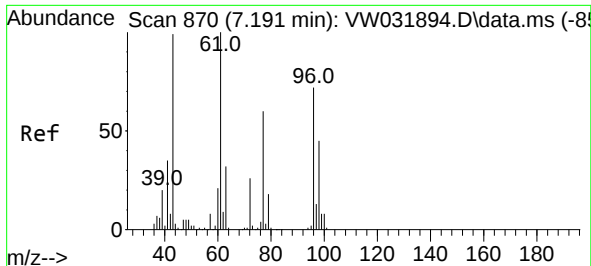
Tgt Ion: 43 Resp: 260103
Ion Ratio Lower Upper
43 100
72 28.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.120 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 77 Resp: 154546
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.1



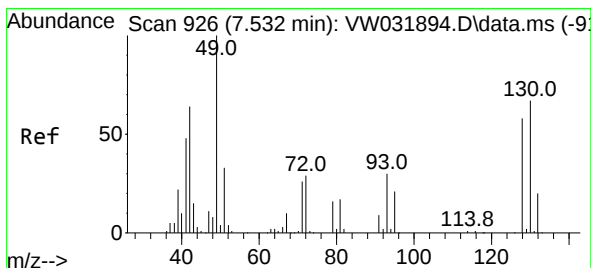
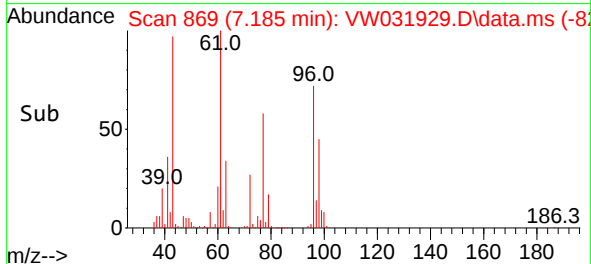
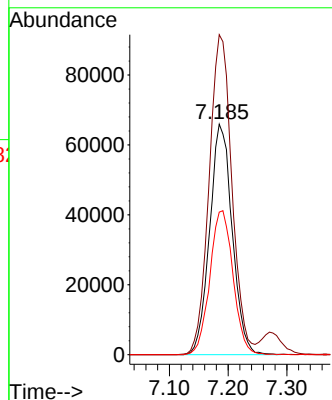
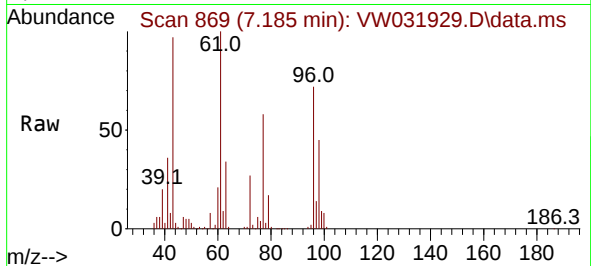


#27
 cis-1,2-Dichloroethene
 Concen: 48.276 ug/l
 RT: 7.185 min Scan# 870
 Delta R.T. -0.006 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 176139

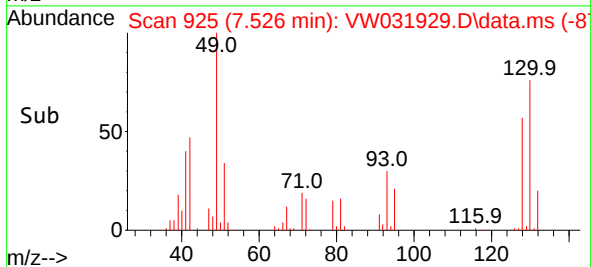
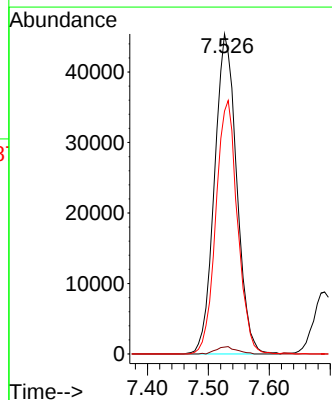
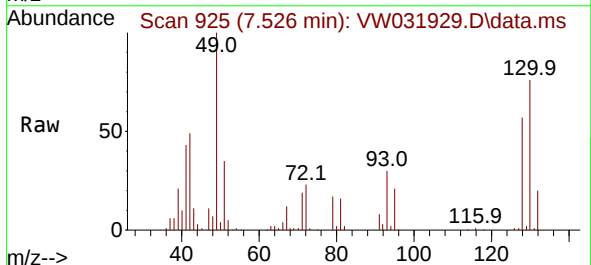
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	280.2
98	64.2	0.0	126.8

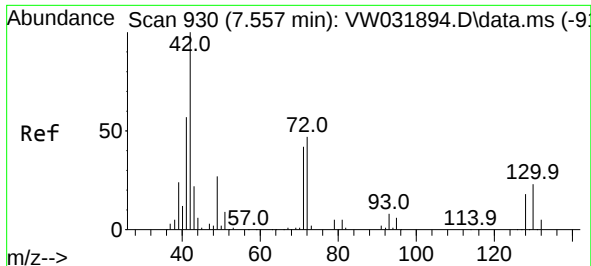


#28
 Bromochloromethane
 Concen: 48.425 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

Tgt Ion: 49 Resp: 115021

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	77.1	59.0	88.4





#29

Tetrahydrofuran

Concen: 248.318 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

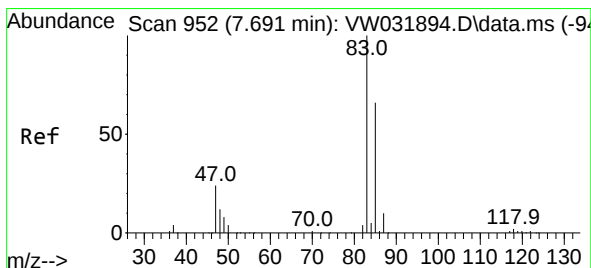
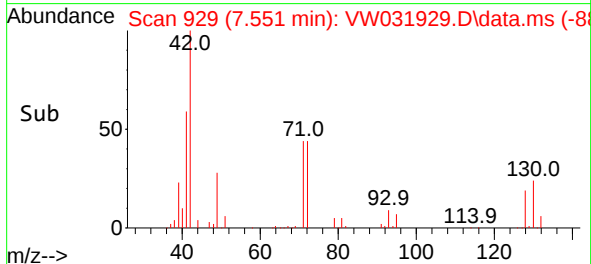
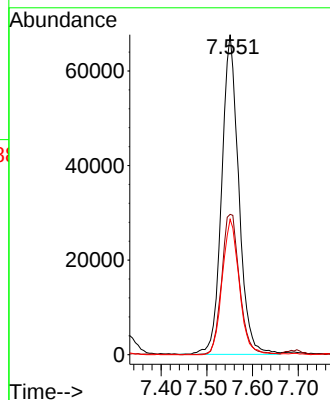
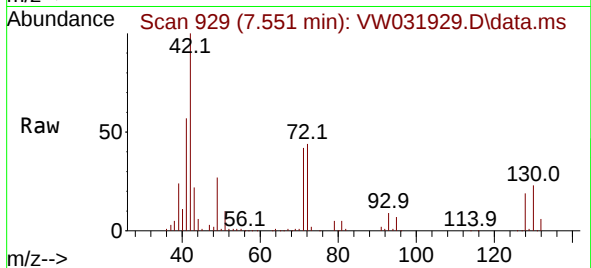
Tgt Ion: 42 Resp: 175409

Ion Ratio Lower Upper

42 100

72 45.9 37.0 55.6

71 42.5 34.5 51.7



#30

Chloroform

Concen: 48.812 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031929.D

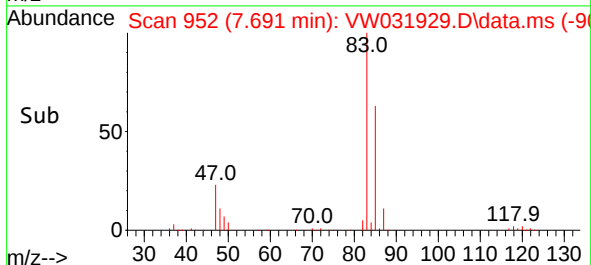
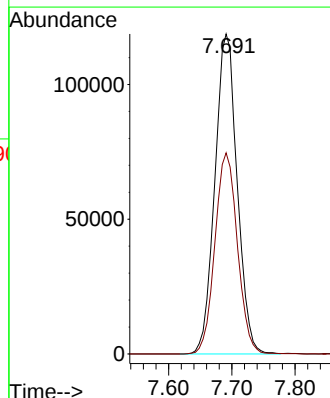
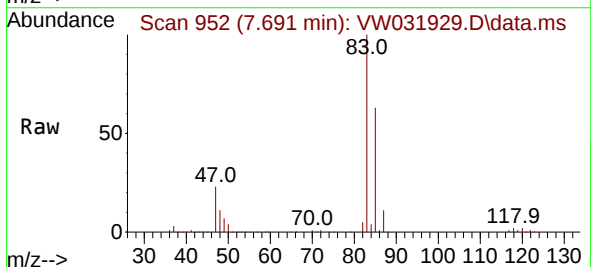
Acq: 25 Jul 2025 09:30

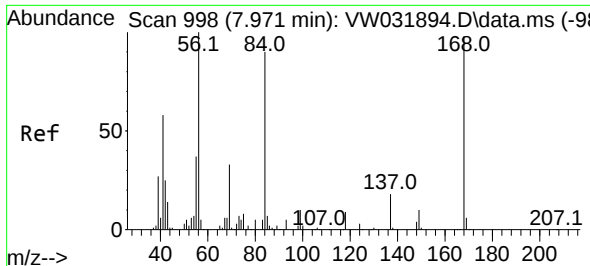
Tgt Ion: 83 Resp: 290339

Ion Ratio Lower Upper

83 100

85 62.8 52.6 78.8

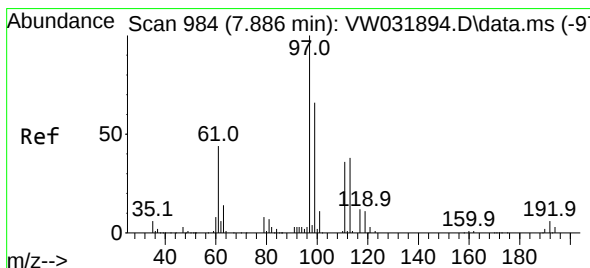
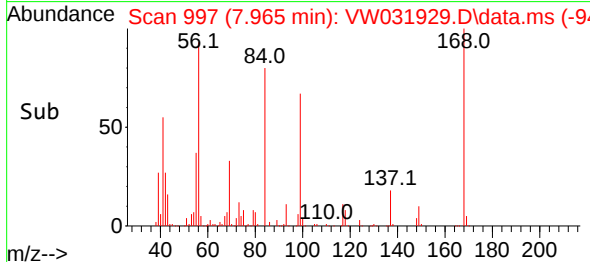
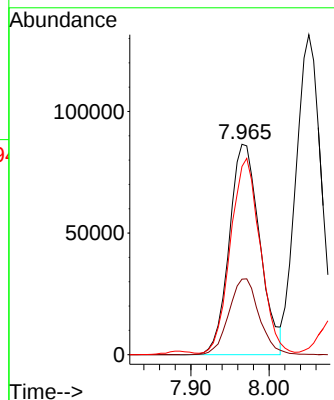
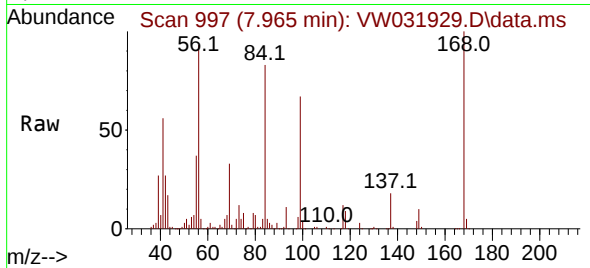




#31
Cyclohexane
Concen: 46.105 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

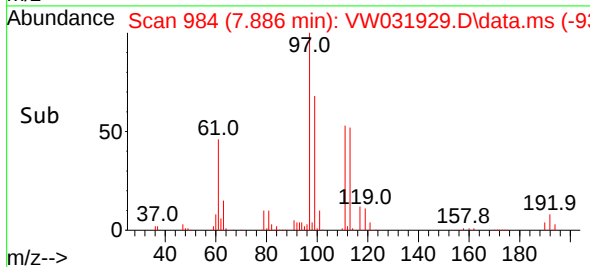
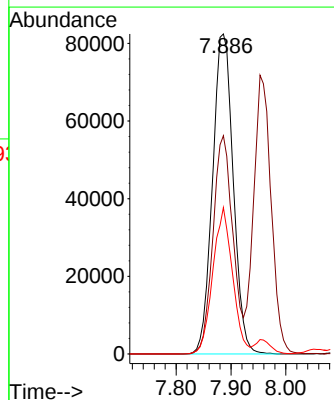
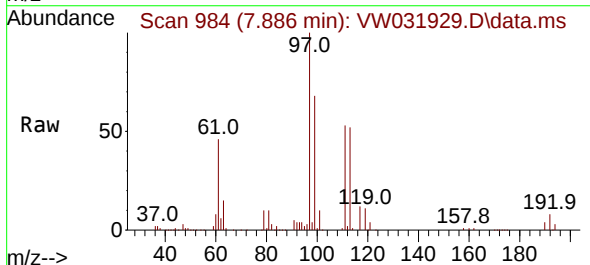
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

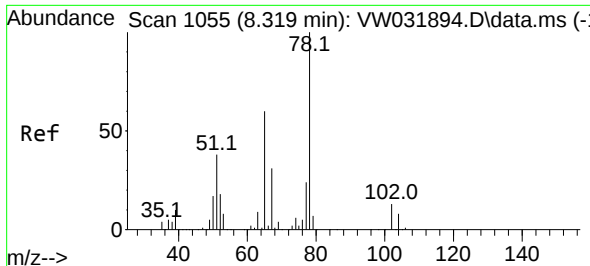
Tgt Ion: 56 Resp: 234650
Ion Ratio Lower Upper
56 100
69 35.9 26.7 40.1
84 87.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.735 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 97 Resp: 216059
Ion Ratio Lower Upper
97 100
99 65.7 53.0 79.4
61 43.7 35.4 53.0

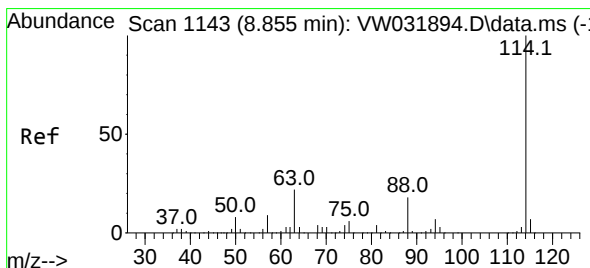
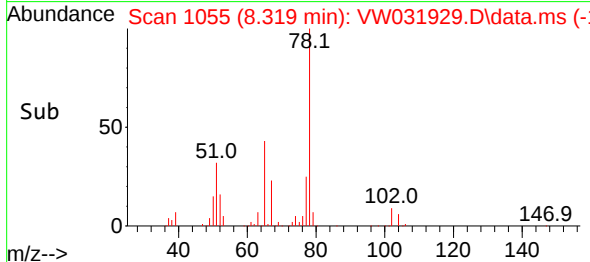
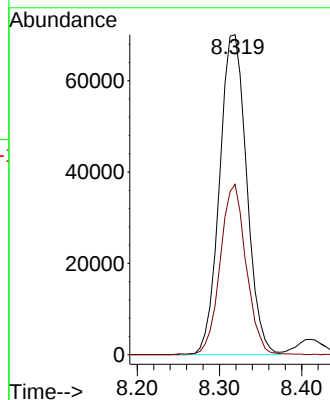
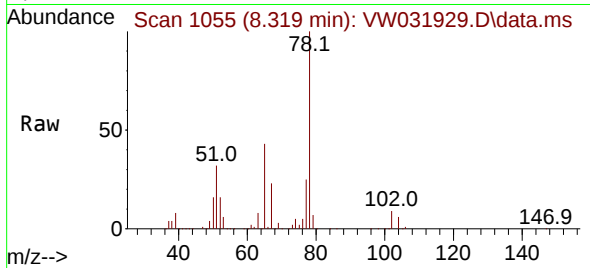




#33
 1,2-Dichloroethane-d4
 Concen: 48.334 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

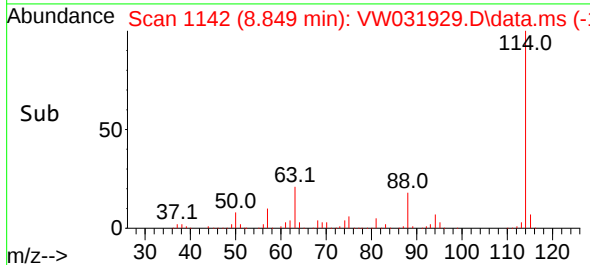
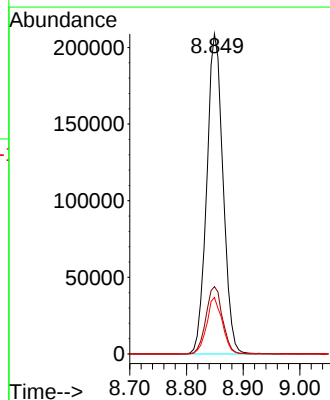
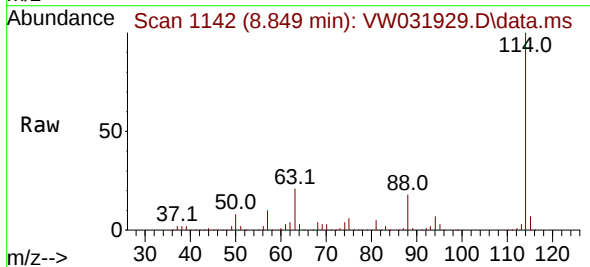
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

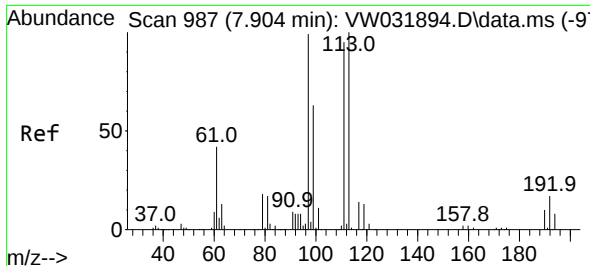
Tgt Ion: 65 Resp: 160396
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

Tgt Ion: 114 Resp: 416265
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 44.2
 88 17.7 0.0 35.6

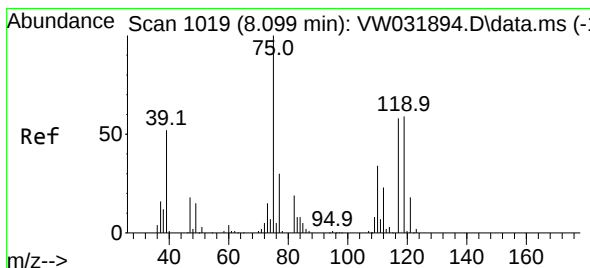
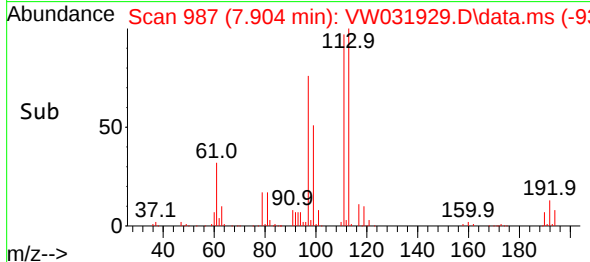
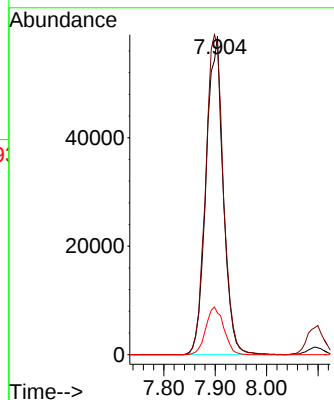
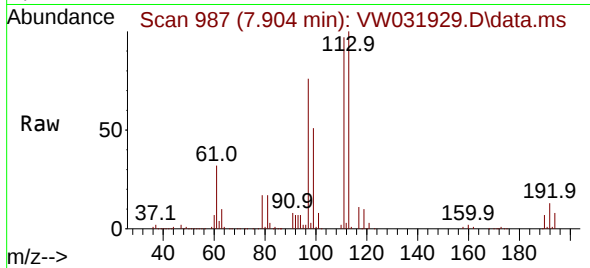




#35
 Dibromofluoromethane
 Concen: 48.018 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

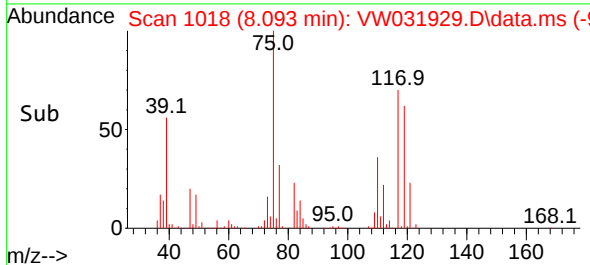
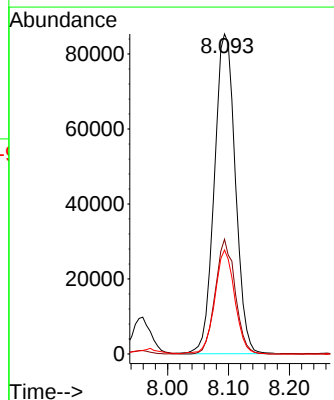
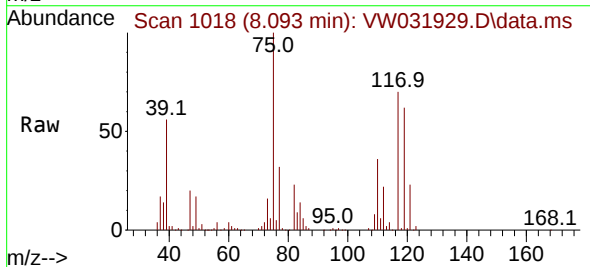
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

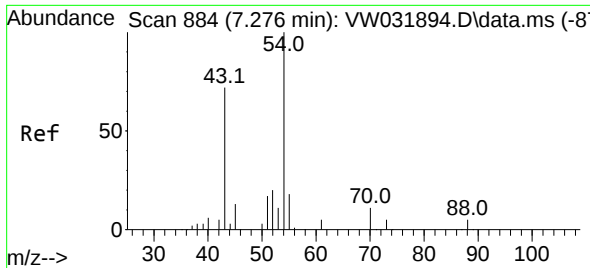
Tgt Ion:113 Resp: 135823
 Ion Ratio Lower Upper
 113 100
 111 104.5 79.9 119.9
 192 15.7 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 47.043 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031929.D
 Acq: 25 Jul 2025 09:30

Tgt Ion: 75 Resp: 204348
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.0 50.9
 77 31.0 25.1 37.7

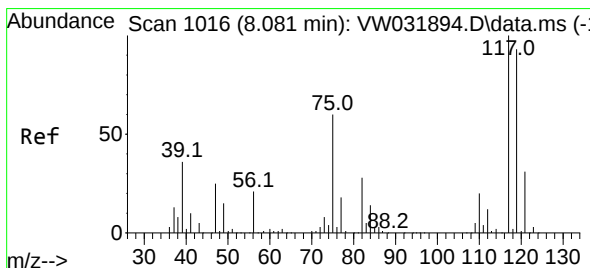
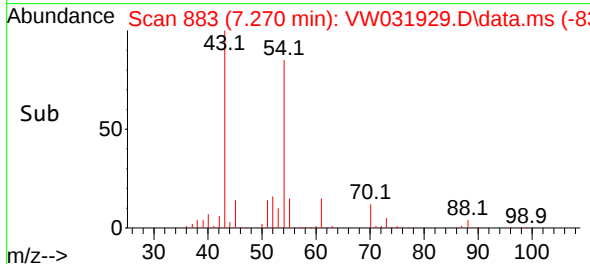
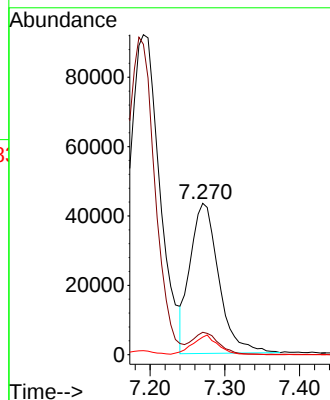
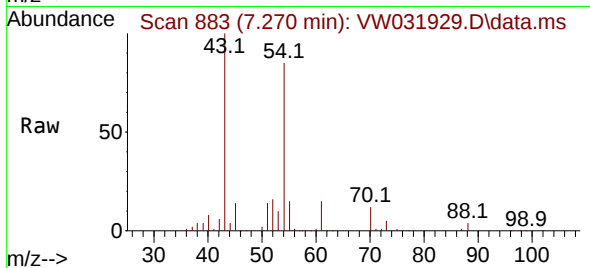




#37
Ethyl Acetate
Concen: 46.468 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

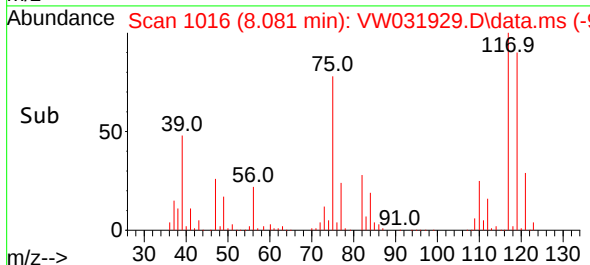
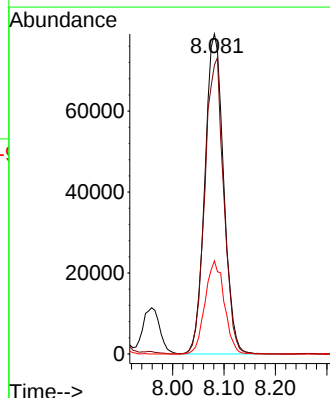
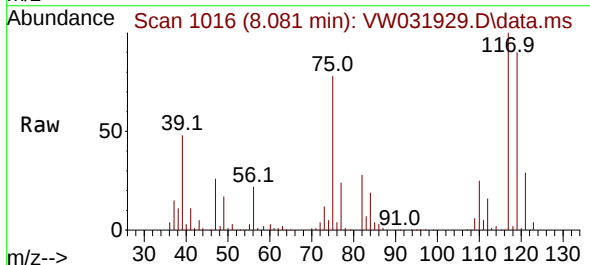
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

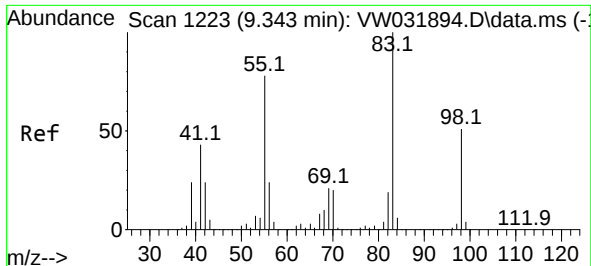
Tgt Ion:	43	Resp:	115147
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	11.6	9.0	13.4



#38
Carbon Tetrachloride
Concen: 48.076 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:	117	Resp:	200424
Ion	Ratio	Lower	Upper
117	100		
119	90.3	74.3	111.5
121	29.1	24.6	37.0





#39

Methylcyclohexane

Concen: 47.307 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

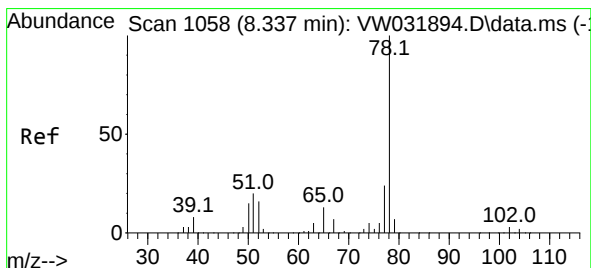
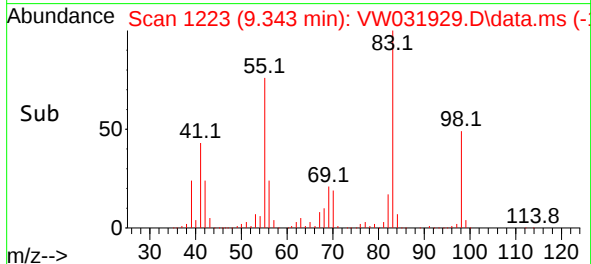
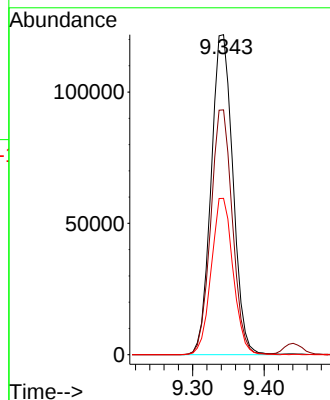
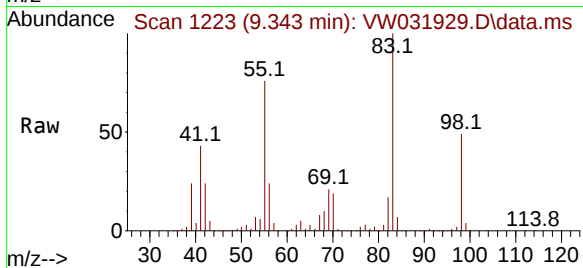
Tgt Ion: 83 Resp: 258611

Ion Ratio Lower Upper

83 100

55 76.5 62.5 93.7

98 48.8 40.6 61.0



#40

Benzene

Concen: 46.583 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031929.D

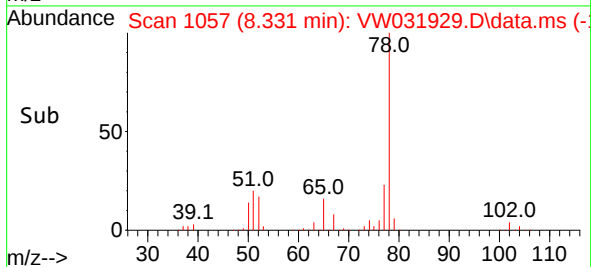
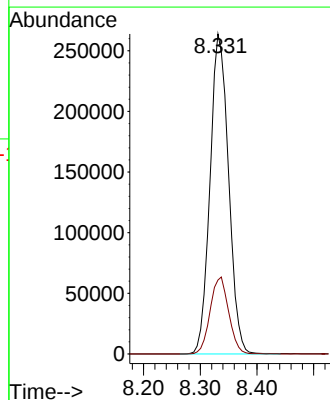
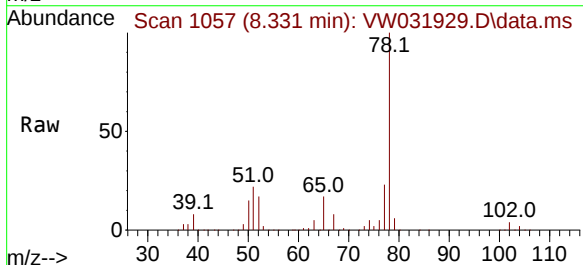
Acq: 25 Jul 2025 09:30

Tgt Ion: 78 Resp: 599004

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

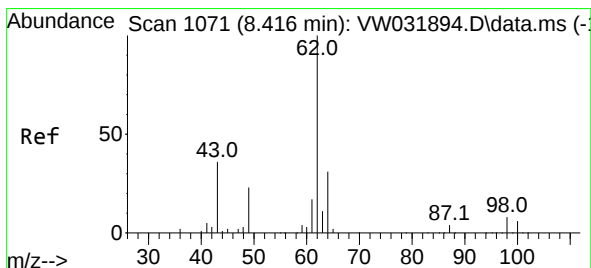
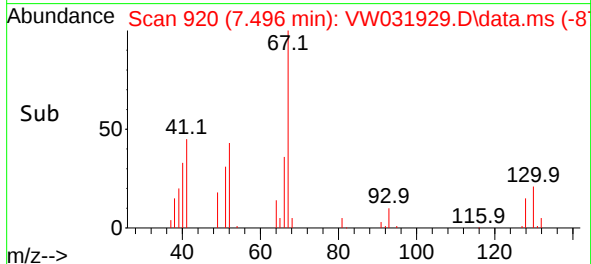
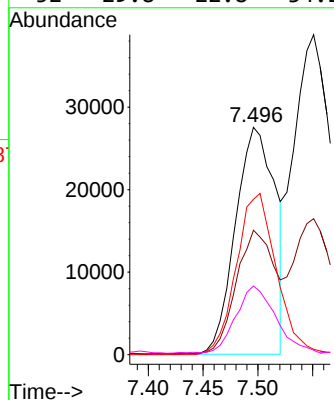
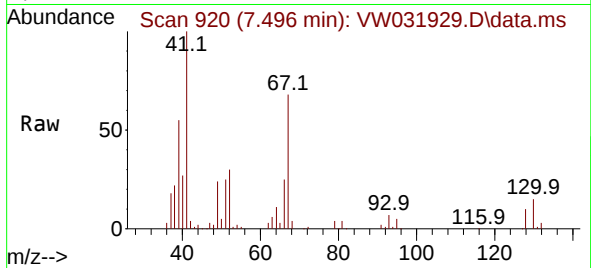




#41
Methacrylonitrile
Concen: 46.650 ug/l
RT: 7.496 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

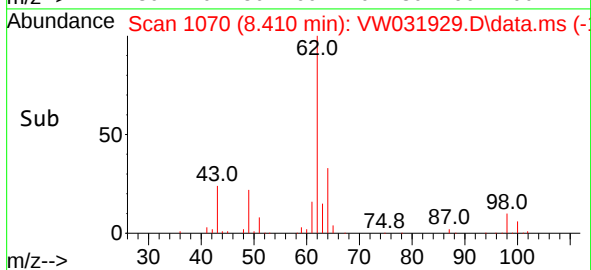
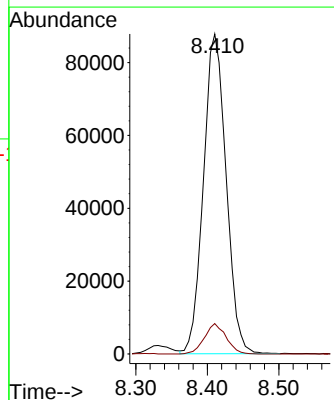
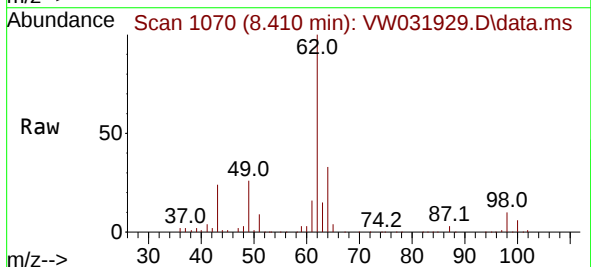
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

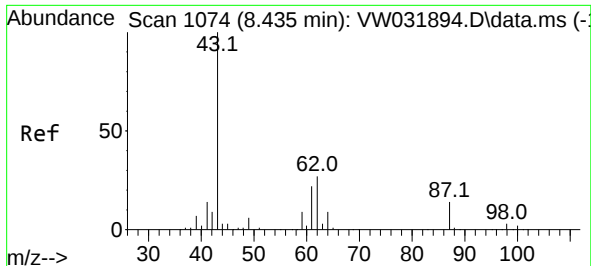
Tgt Ion:	41	Resp:	69199
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.1	61.7
67	72.2	56.2	84.4
52	29.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 47.028 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:	62	Resp:	193540
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

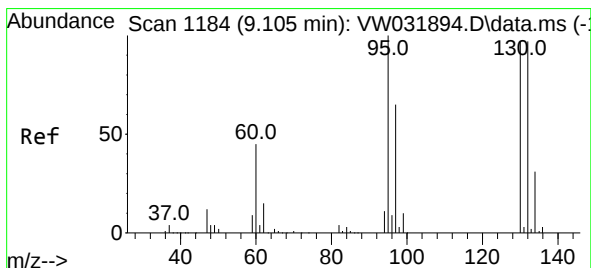
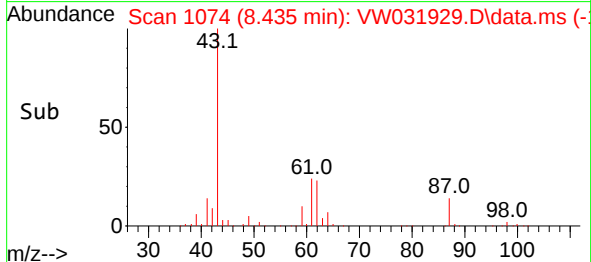
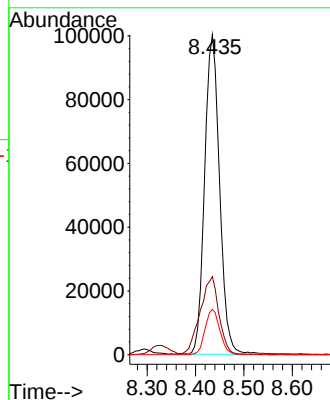
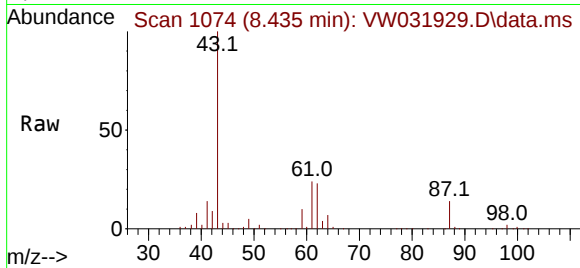




#43
Isopropyl Acetate
Concen: 48.031 ug/l
RT: 8.435 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

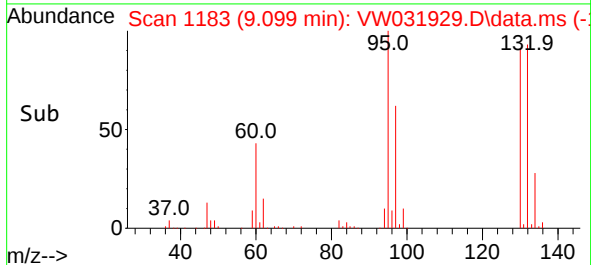
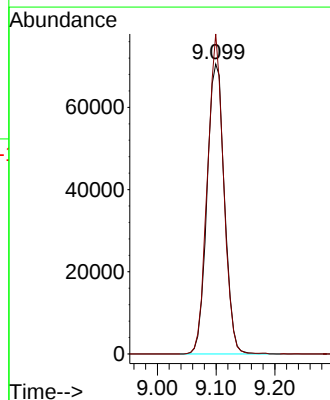
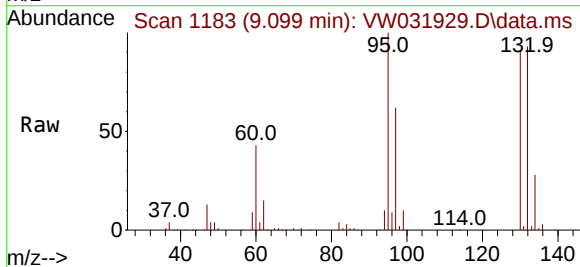
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

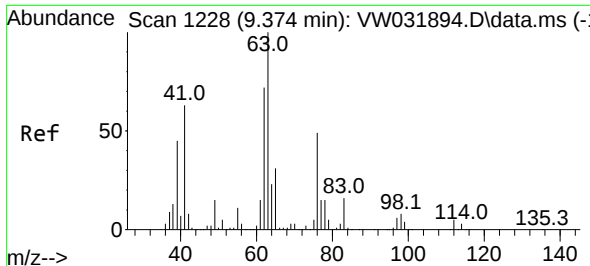
Tgt Ion: 43 Resp: 215470
Ion Ratio Lower Upper
43 100
61 30.8 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 47.539 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:130 Resp: 145302
Ion Ratio Lower Upper
130 100
95 110.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 47.453 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

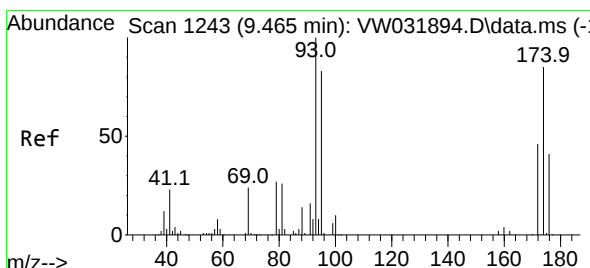
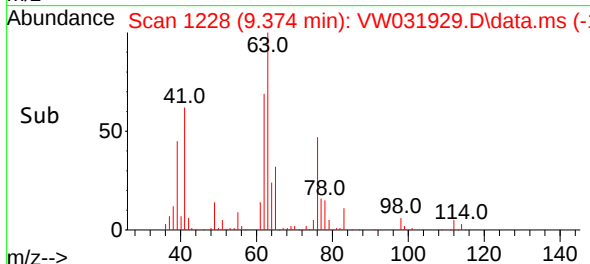
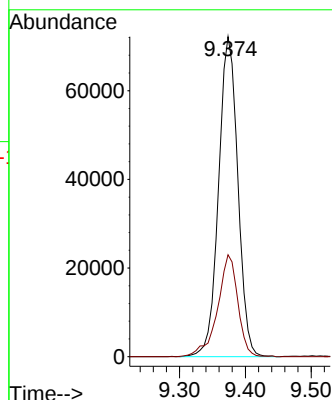
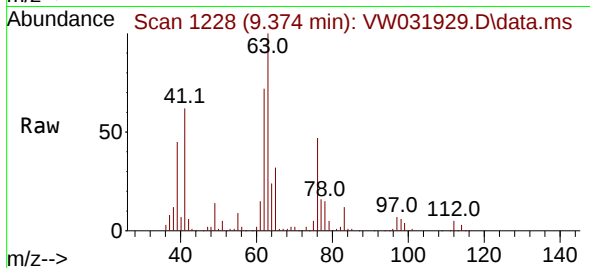
VSTDCCC050

Tgt Ion: 63 Resp: 146954

Ion Ratio Lower Upper

63 100

65 31.8 25.0 37.4



#46

Dibromomethane

Concen: 47.496 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

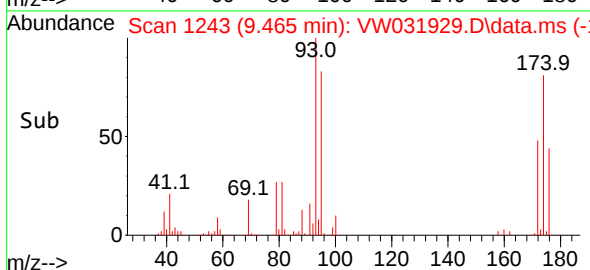
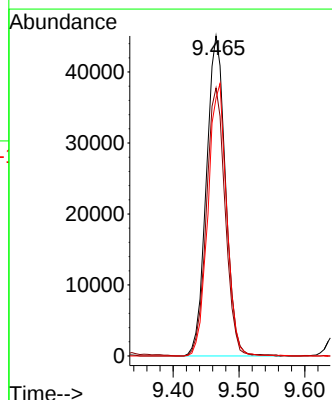
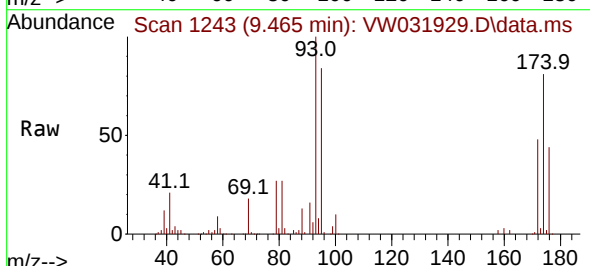
Tgt Ion: 93 Resp: 91179

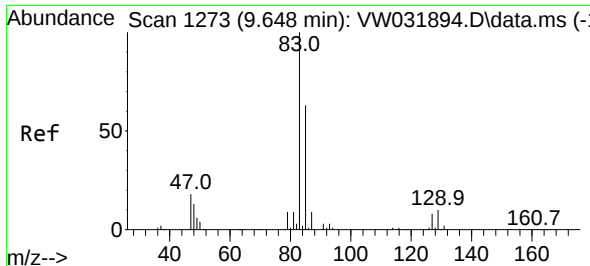
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 83.1 70.2 105.2

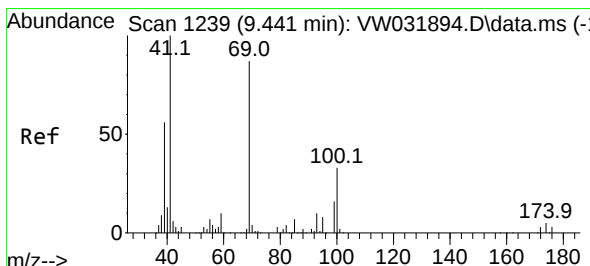
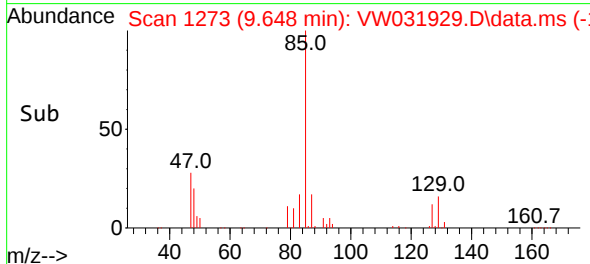
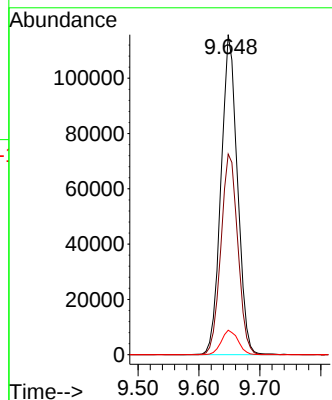
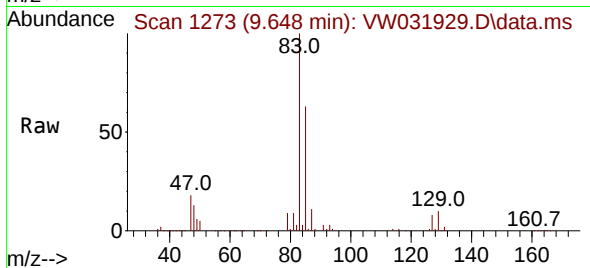




#47
Bromodichloromethane
Concen: 46.977 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

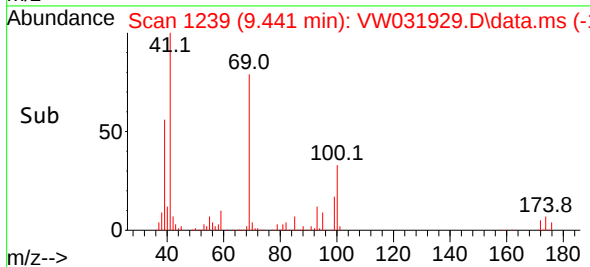
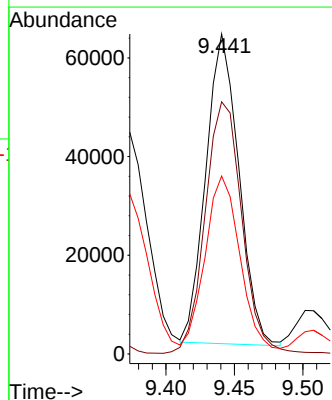
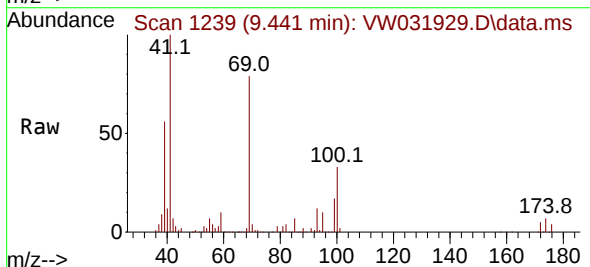
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

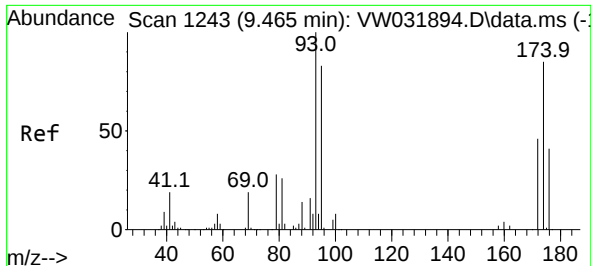
Tgt Ion: 83 Resp: 216248
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0
127 7.7 6.5 9.7



#48
Methyl methacrylate
Concen: 49.202 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 41 Resp: 105009
Ion Ratio Lower Upper
41 100
69 90.7 73.6 110.4
39 57.6 45.5 68.3





#49

1,4-Dioxane

Concen: 1041.954 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

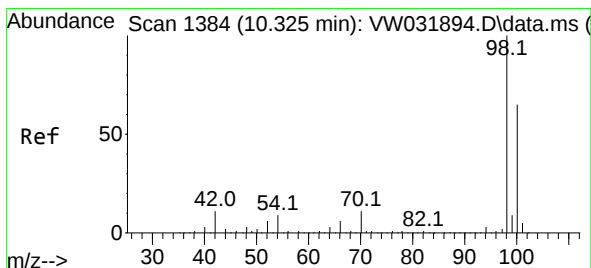
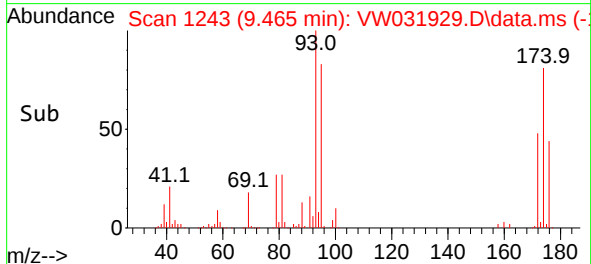
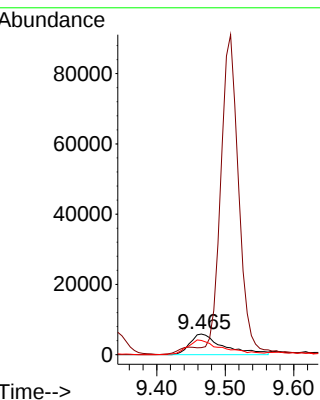
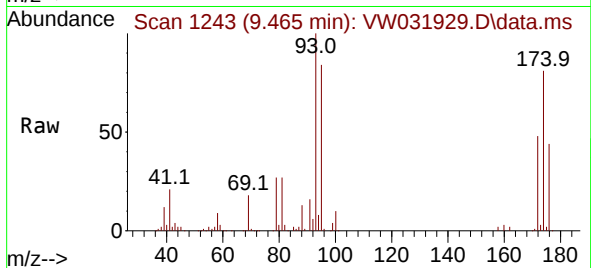
Tgt Ion: 88 Resp: 19959

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 74.8 58.2 87.2



#50

Toluene-d8

Concen: 48.253 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031929.D

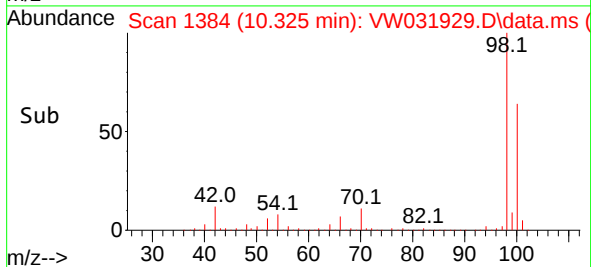
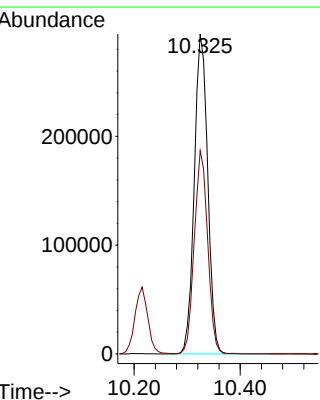
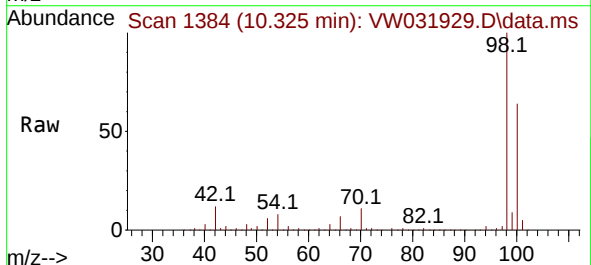
Acq: 25 Jul 2025 09:30

Tgt Ion: 98 Resp: 516564

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5

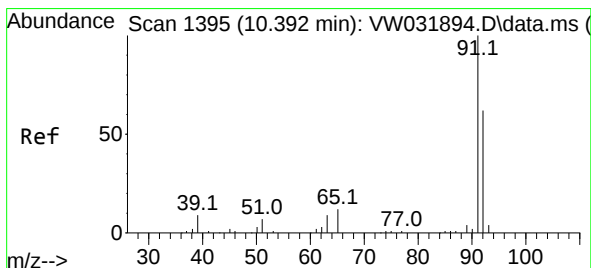
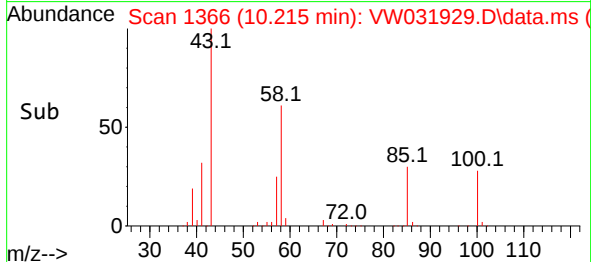
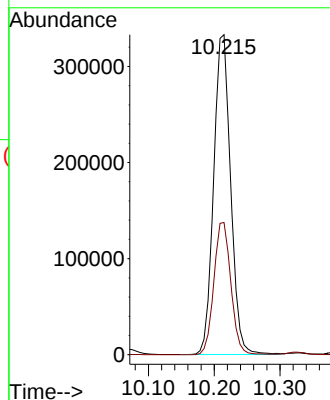
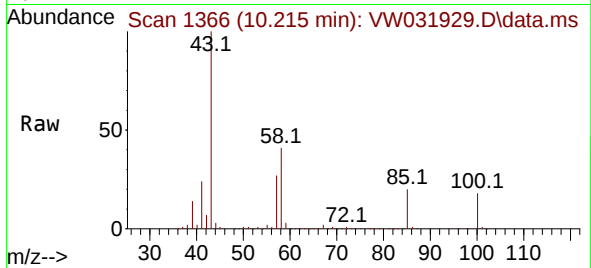




#51
4-Methyl-2-Pentanone
Concen: 244.416 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

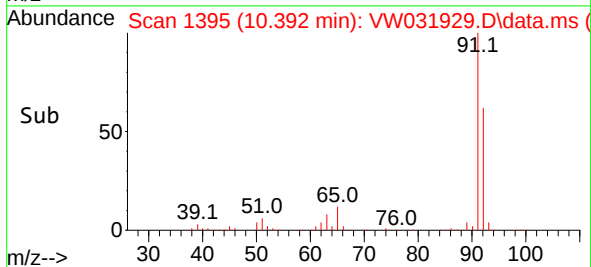
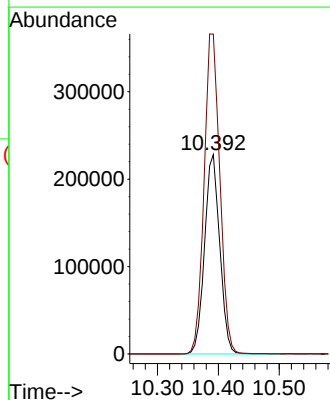
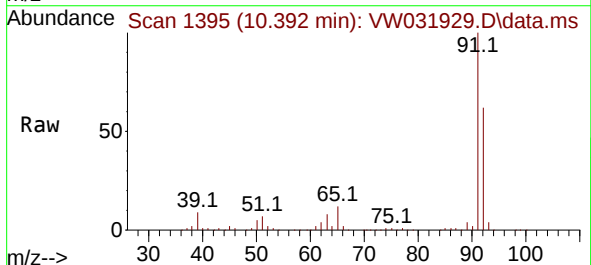
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

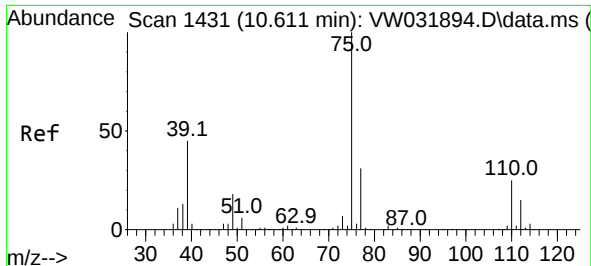
Tgt Ion: 43 Resp: 600058
Ion Ratio Lower Upper
43 100
58 41.4 32.8 49.2



#52
Toluene
Concen: 47.663 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 92 Resp: 393989
Ion Ratio Lower Upper
92 100
91 167.0 133.7 200.5

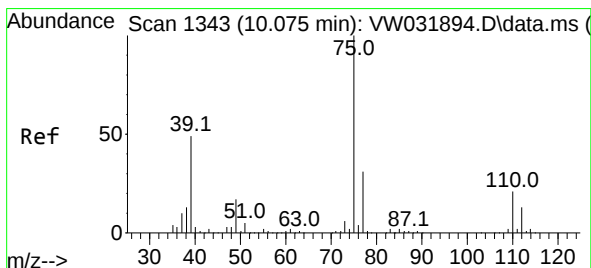
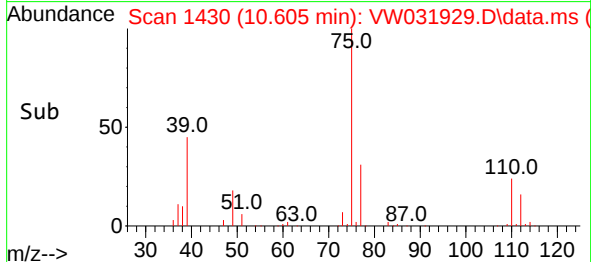
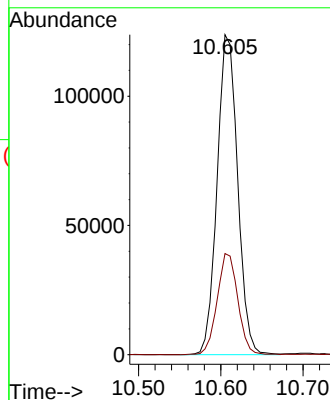
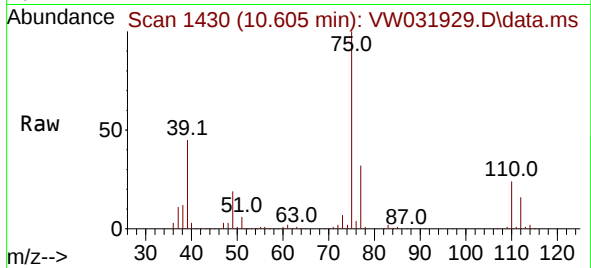




#53
t-1,3-Dichloropropene
Concen: 48.655 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

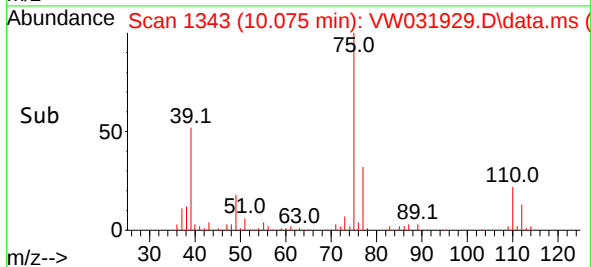
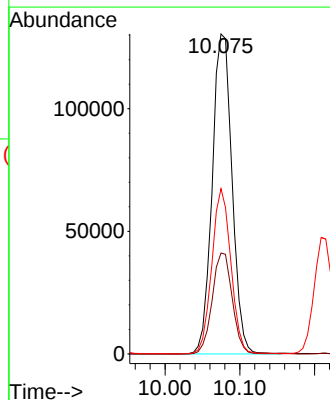
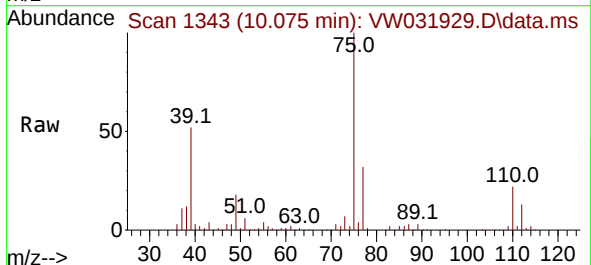
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

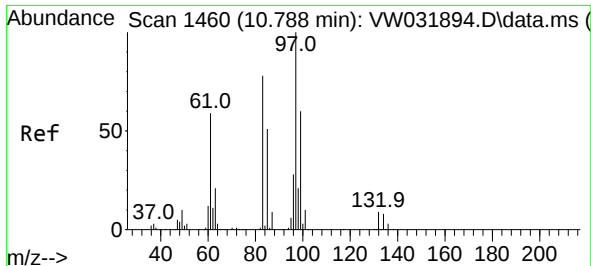
Tgt Ion: 75 Resp: 214846
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.764 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 75 Resp: 240862
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7
39 51.6 39.3 58.9

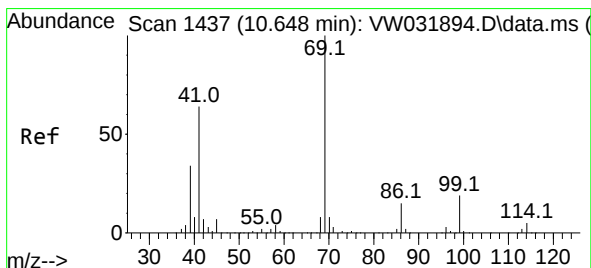
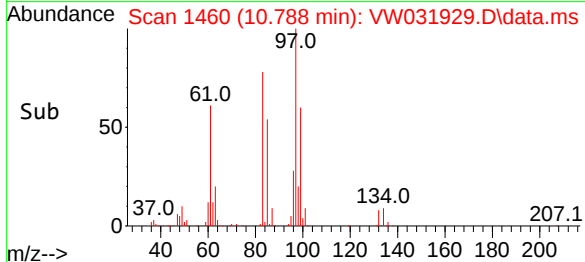
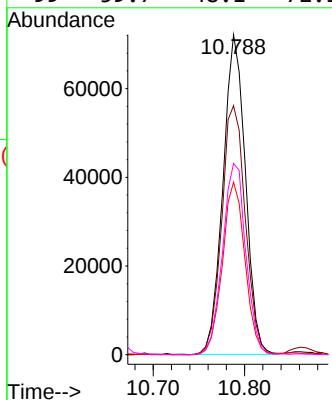
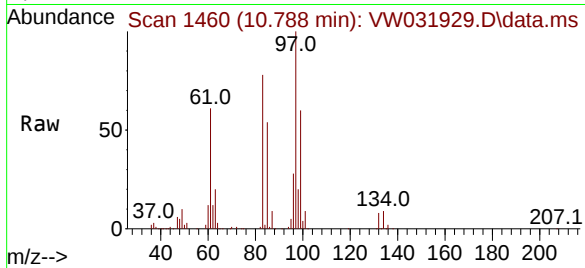




#55
1,1,2-Trichloroethane
Concen: 48.129 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

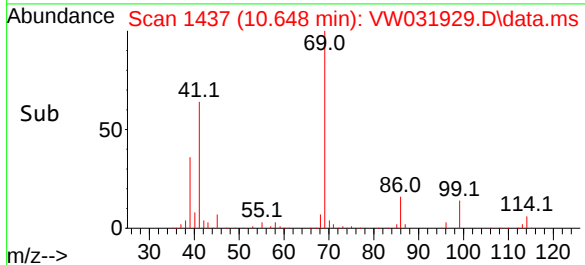
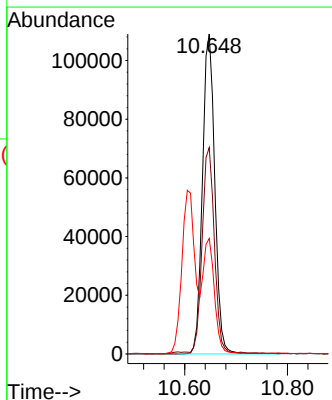
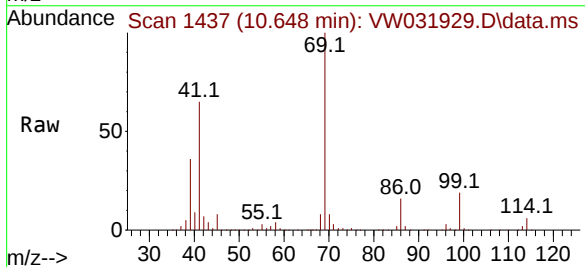
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

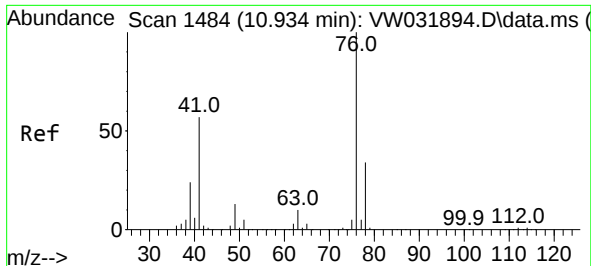
Tgt Ion:	97	Resp:	122728
Ion	Ratio	Lower	Upper
97	100		
83	77.9	62.4	93.6
85	54.0	41.0	61.6
99	59.7	48.1	72.1



#56
Ethyl methacrylate
Concen: 50.401 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:	69	Resp:	181513
Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.0	78.0
39	32.6	26.6	40.0





#57

1,3-Dichloropropane

Concen: 47.594 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

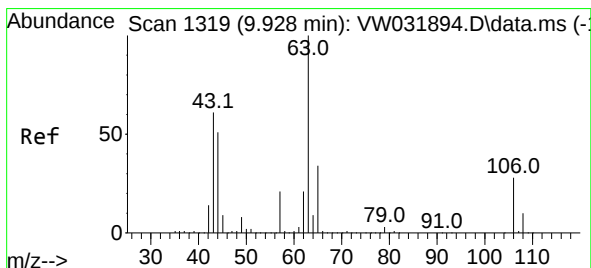
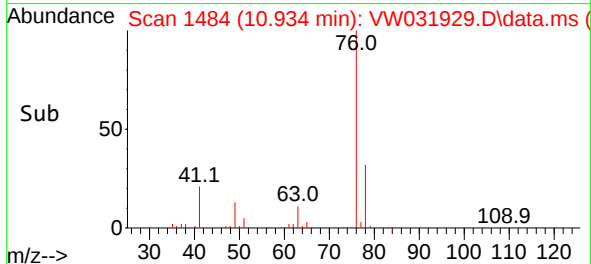
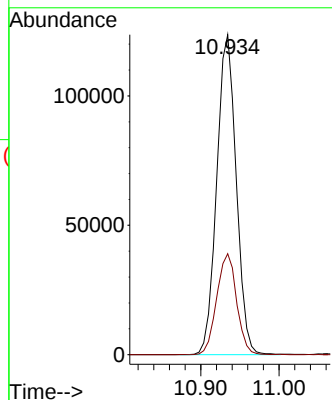
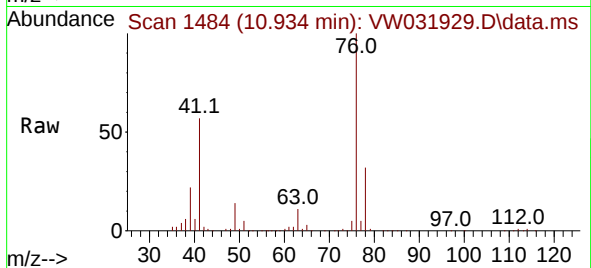
VSTDCCC050

Tgt Ion: 76 Resp: 213811

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.009 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031929.D

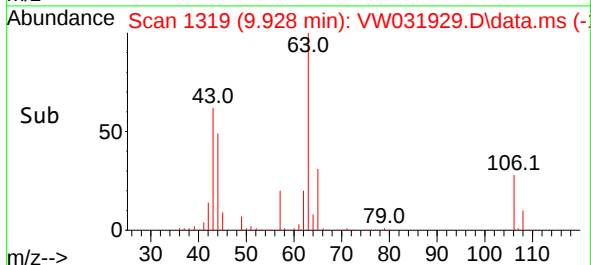
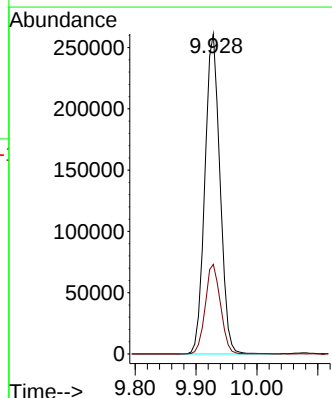
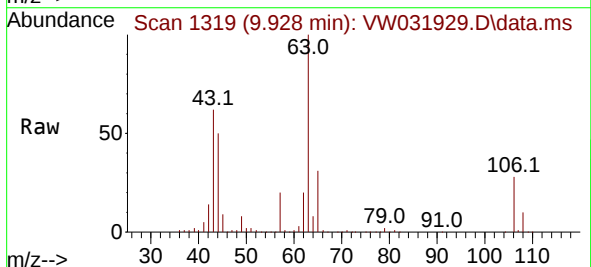
Acq: 25 Jul 2025 09:30

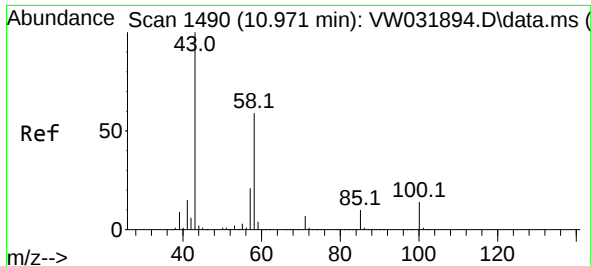
Tgt Ion: 63 Resp: 449530

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1





#59

2-Hexanone

Concen: 240.484 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

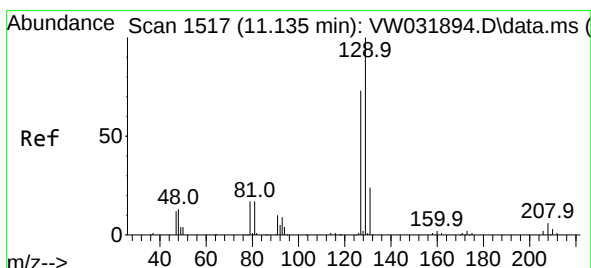
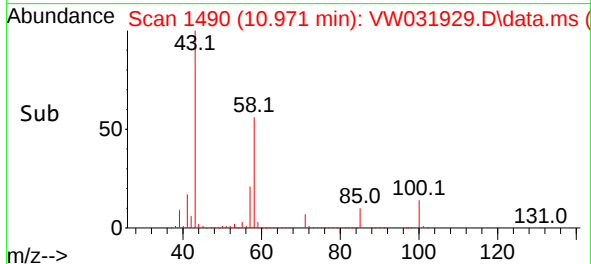
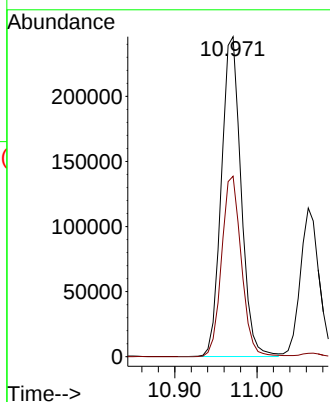
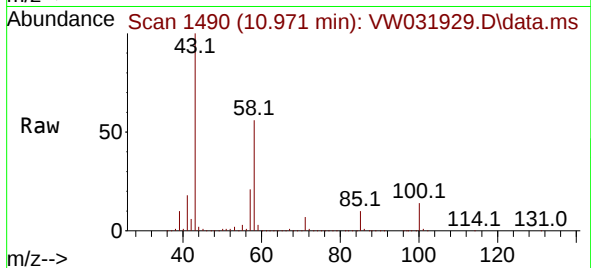
VSTDCCC050

Tgt Ion: 43 Resp: 410390

Ion Ratio Lower Upper

43 100

58 56.6 28.5 85.6



#60

Dibromochloromethane

Concen: 50.215 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VW031929.D

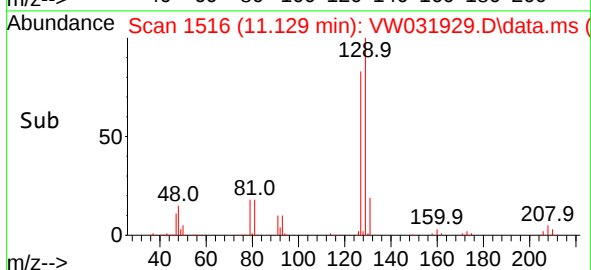
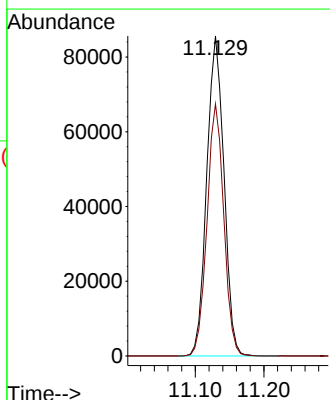
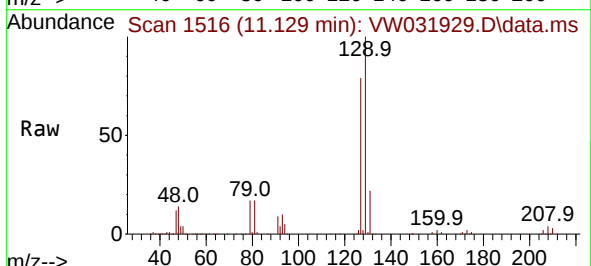
Acq: 25 Jul 2025 09:30

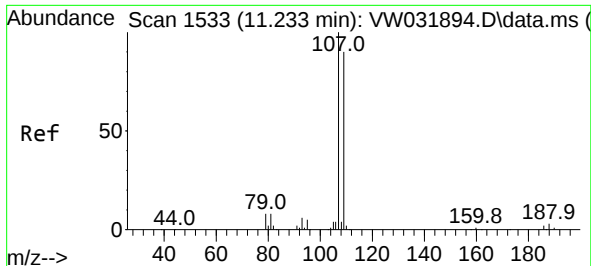
Tgt Ion:129 Resp: 149292

Ion Ratio Lower Upper

129 100

127 76.7 39.6 118.8

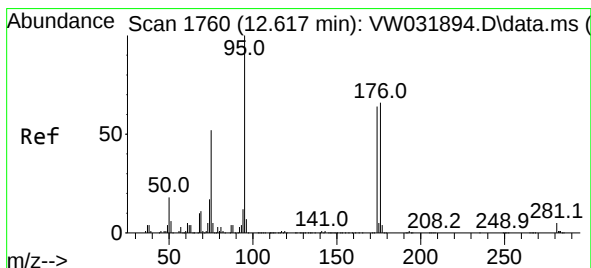
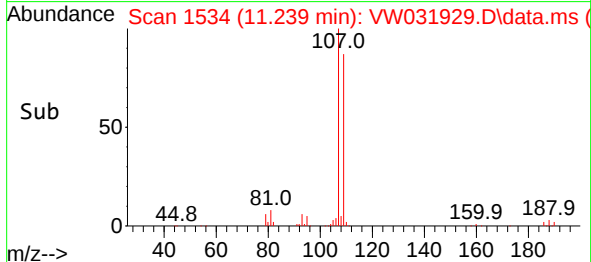
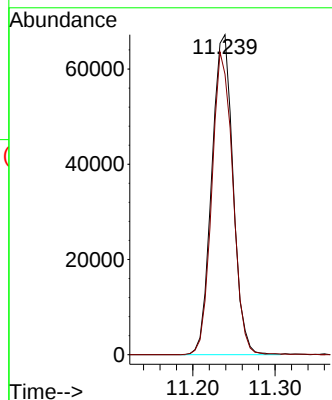
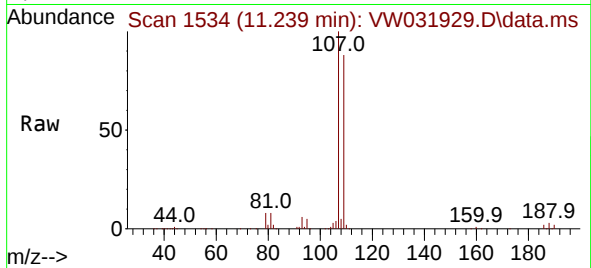




#61
1,2-Dibromoethane
Concen: 48.038 ug/l
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

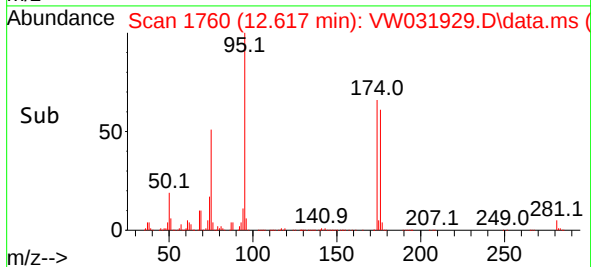
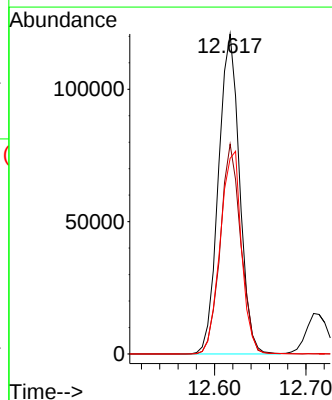
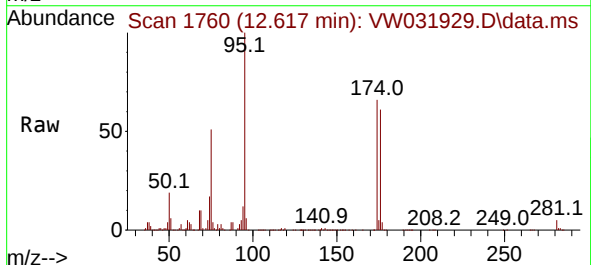
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

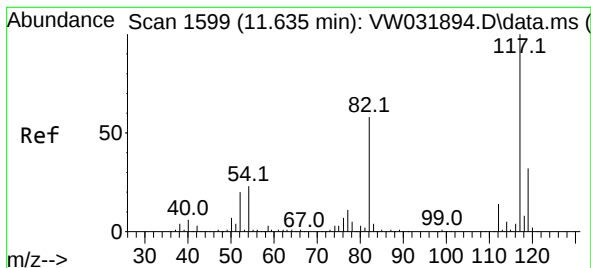
Tgt Ion:107 Resp: 121040
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.139 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 95 Resp: 193771
Ion Ratio Lower Upper
95 100
174 64.2 0.0 129.8
176 64.3 0.0 130.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

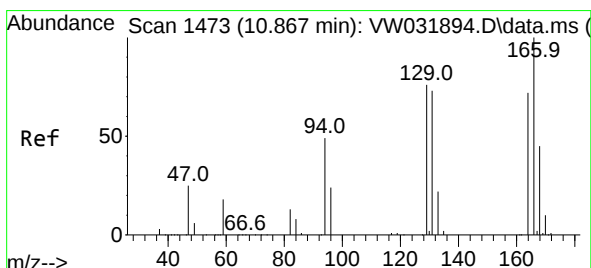
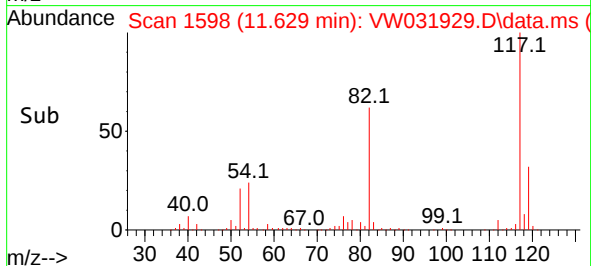
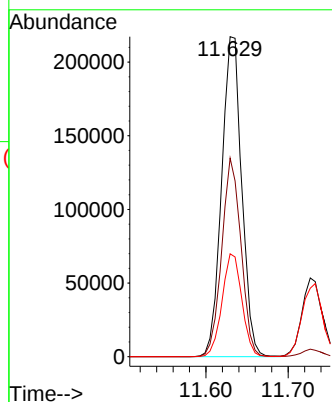
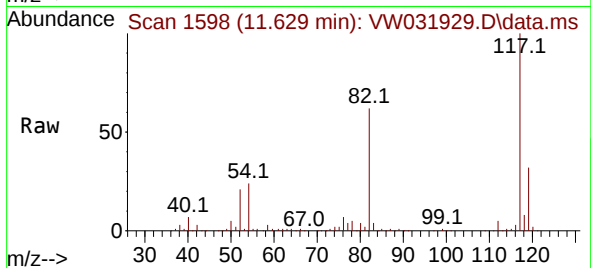
Tgt Ion:117 Resp: 369013

Ion Ratio Lower Upper

117 100

82 62.0 46.5 69.7

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 48.123 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Tgt Ion:164 Resp: 117081

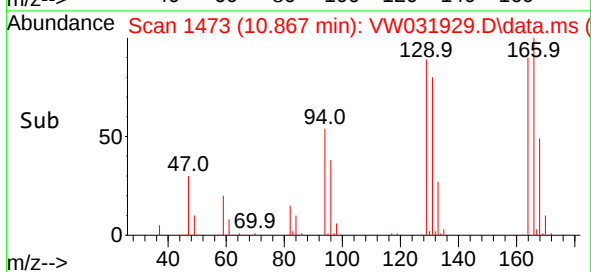
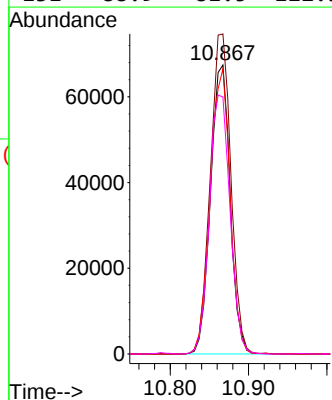
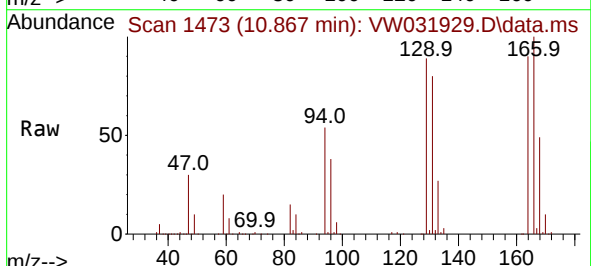
Ion Ratio Lower Upper

164 100

166 110.7 111.5 167.3#

129 98.6 85.1 127.7

131 88.9 81.5 122.3

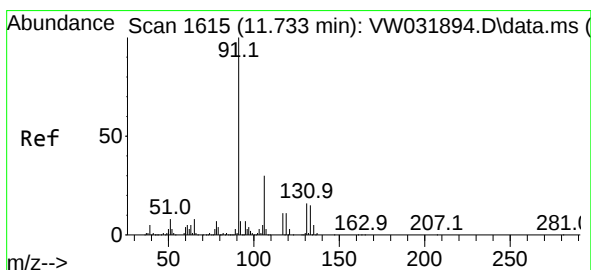
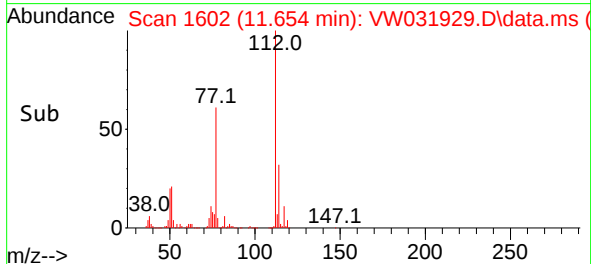
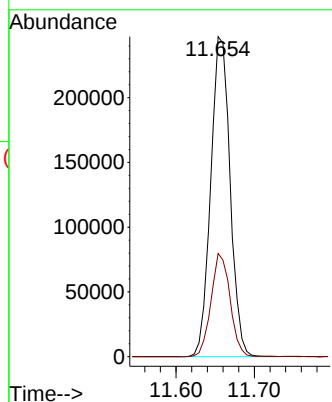
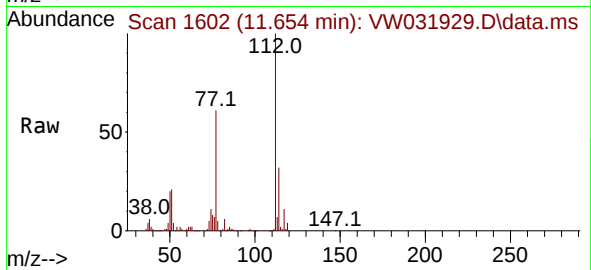




#65
Chlorobenzene
Concen: 46.970 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

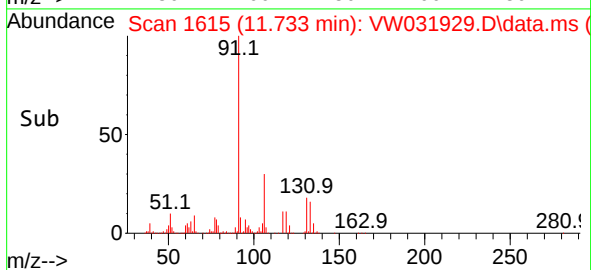
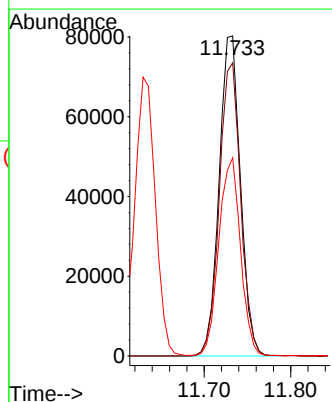
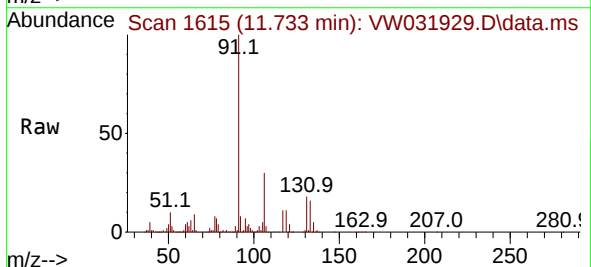
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

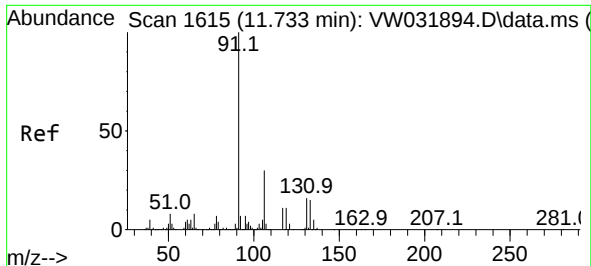
Tgt Ion:112 Resp: 424208
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.019 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:131 Resp: 137245
Ion Ratio Lower Upper
131 100
133 91.7 48.1 144.4
119 63.0 33.7 101.1





#67

Ethyl Benzene

Concen: 47.744 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

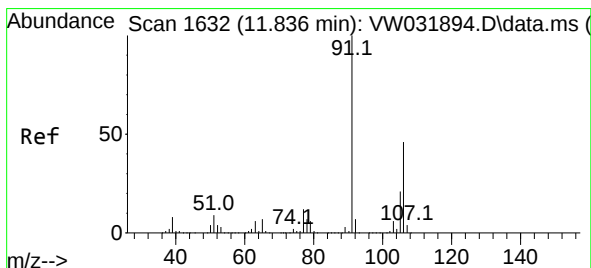
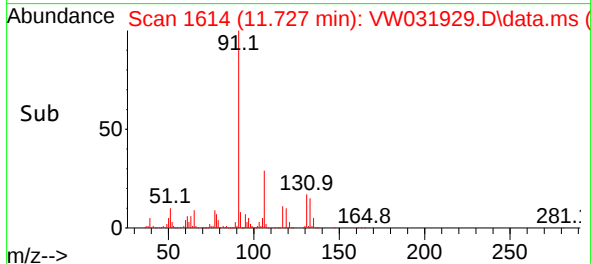
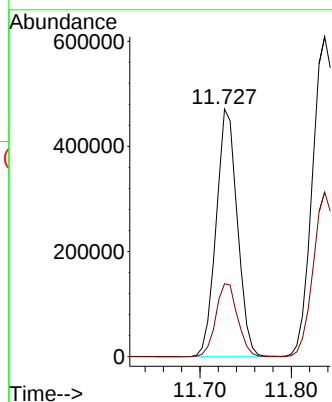
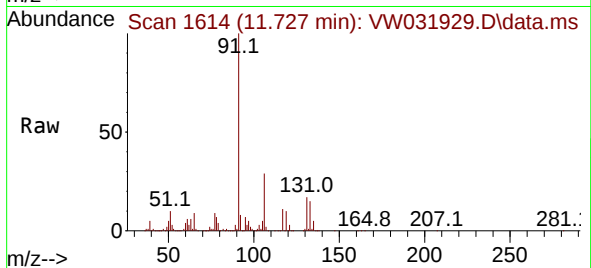
VSTDCCC050

Tgt Ion: 91 Resp: 757605

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.6



#68

m/p-Xylenes

Concen: 96.889 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031929.D

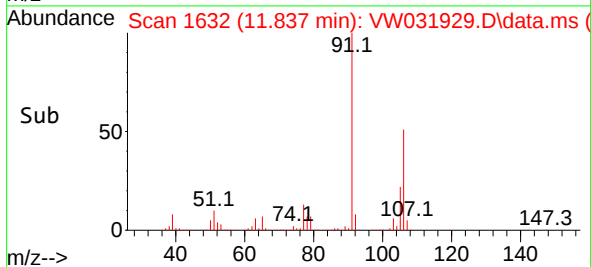
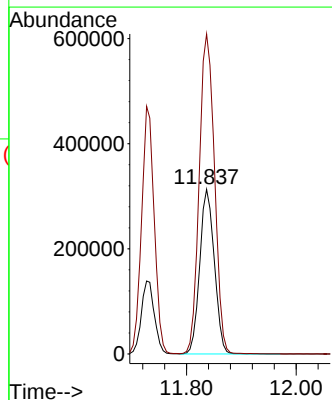
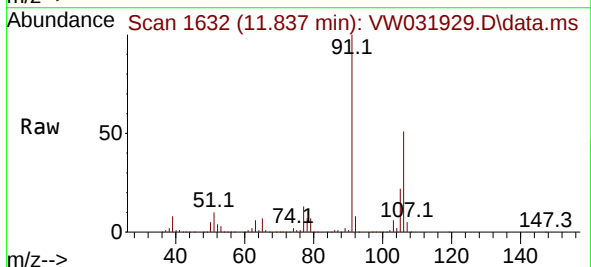
Acq: 25 Jul 2025 09:30

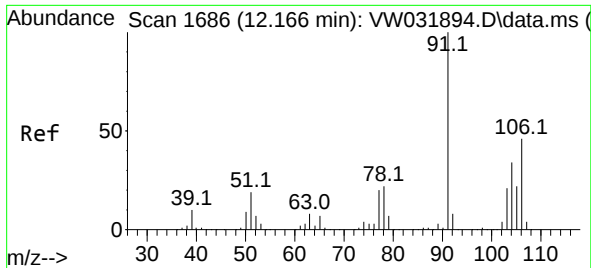
Tgt Ion: 106 Resp: 578784

Ion Ratio Lower Upper

106 100

91 203.6 167.7 251.5

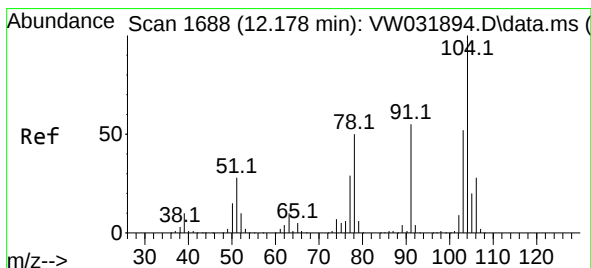
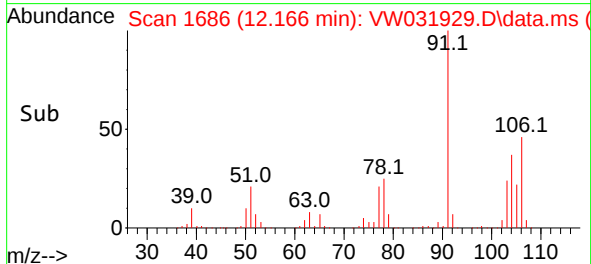
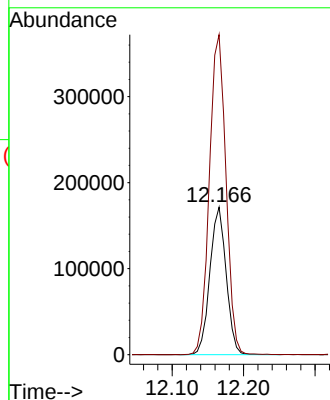
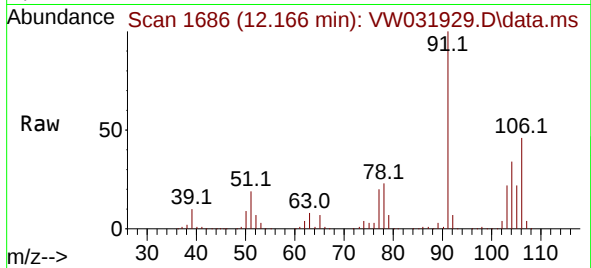




#69
o-Xylene
Concen: 47.953 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

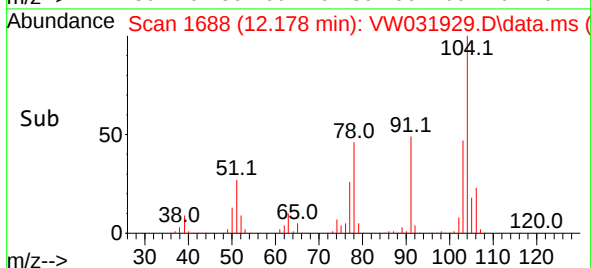
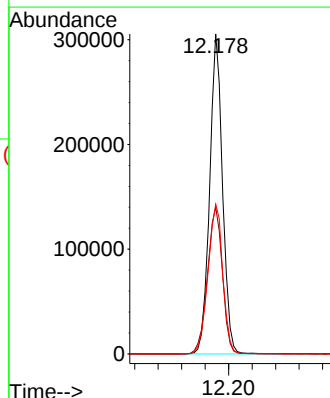
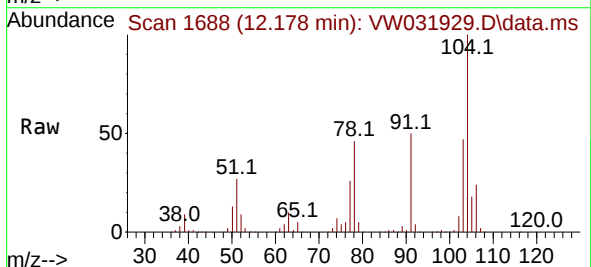
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

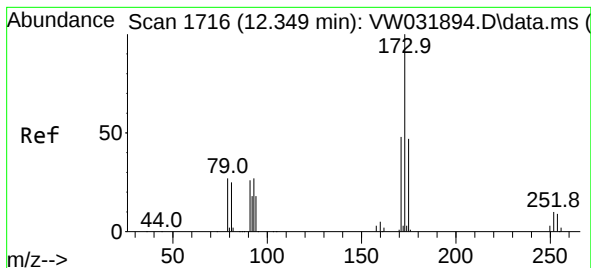
Tgt Ion:106 Resp: 271090
Ion Ratio Lower Upper
106 100
91 221.1 108.2 324.6



#70
Styrene
Concen: 48.358 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:104 Resp: 465458
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.4
103 53.7 42.8 64.2





#71

Bromoform

Concen: 46.995 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

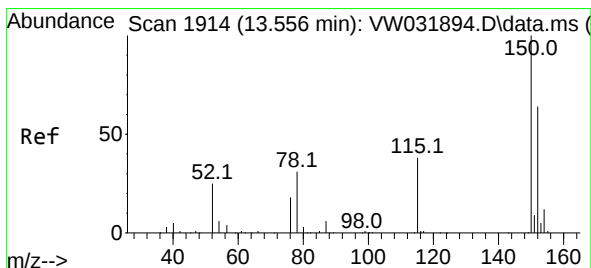
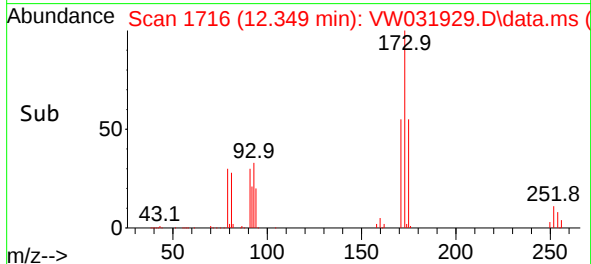
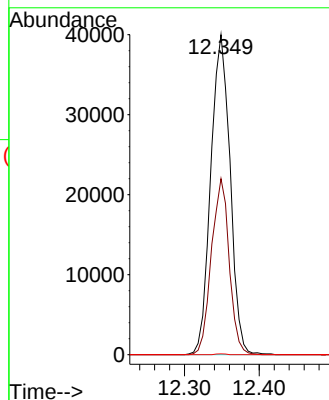
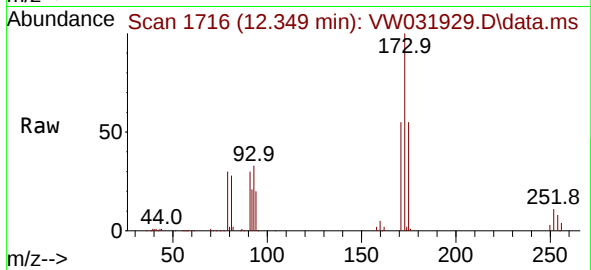
Tgt Ion:173 Resp: 71961

Ion Ratio Lower Upper

173 100

175 50.7 24.5 73.5

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.550 min Scan# 1913

Delta R.T. -0.006 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

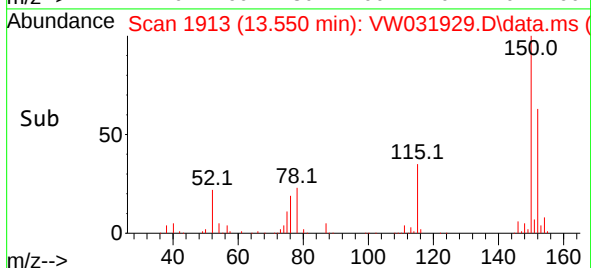
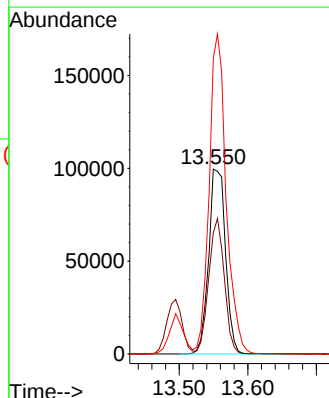
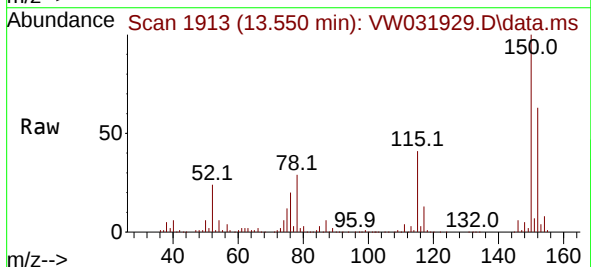
Tgt Ion:152 Resp: 171112

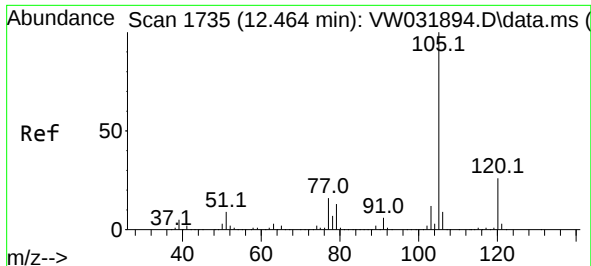
Ion Ratio Lower Upper

152 100

115 67.8 33.4 100.1

150 174.1 0.0 352.2

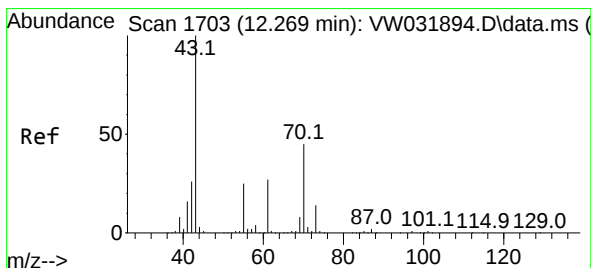
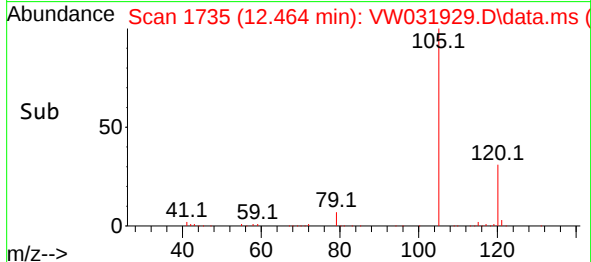
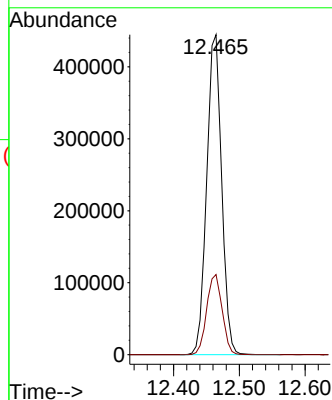
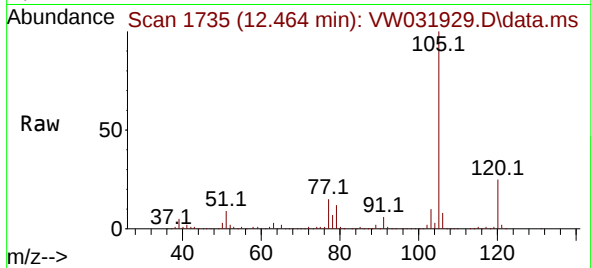




#73
Isopropylbenzene
Concen: 47.308 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

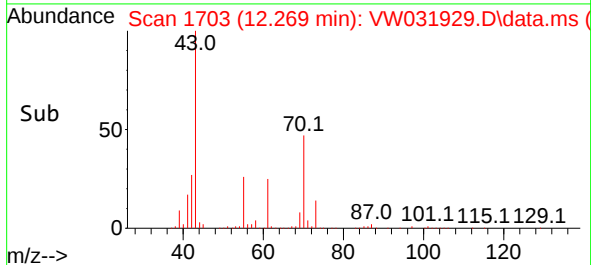
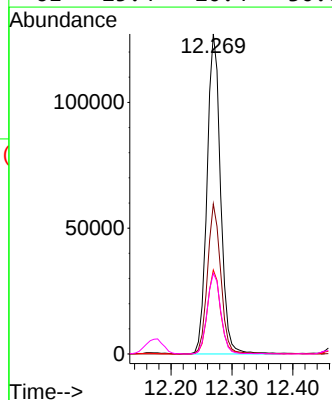
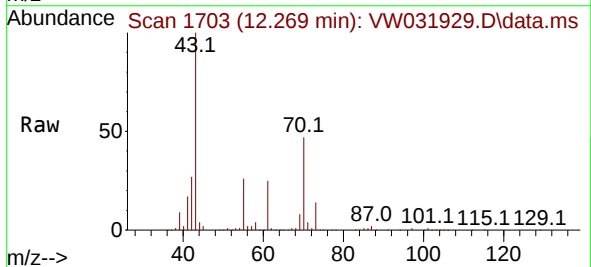
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

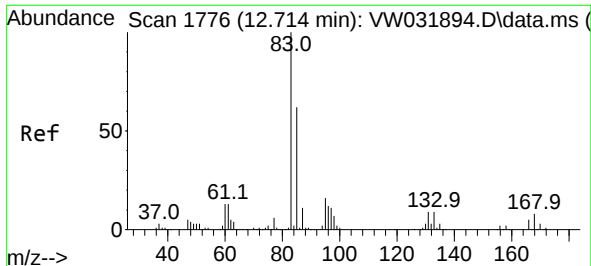
Tgt Ion:105 Resp: 702377
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.8



#74
N-ethyl acetate
Concen: 48.830 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 43 Resp: 195992
Ion Ratio Lower Upper
43 100
70 46.1 36.6 55.0
55 25.8 20.7 31.1
61 25.4 20.4 30.6

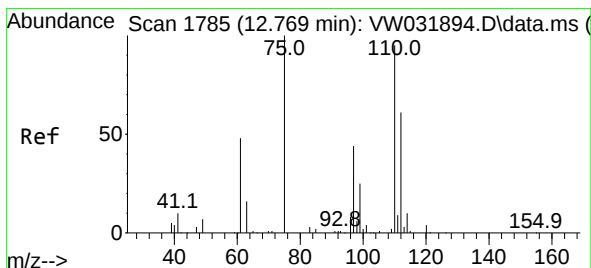
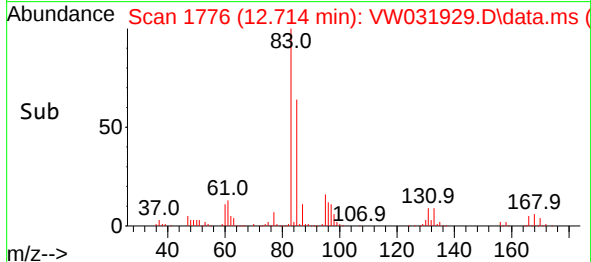
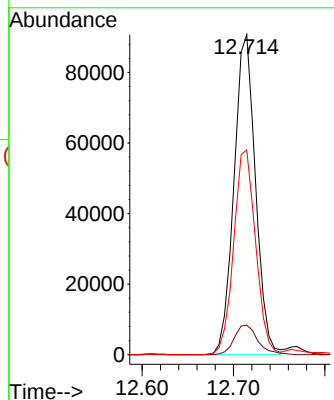
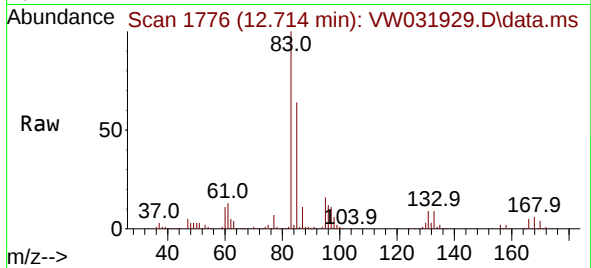




#75
1,1,2,2-Tetrachloroethane
Concen: 46.965 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

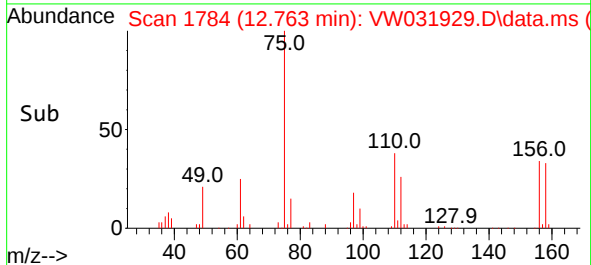
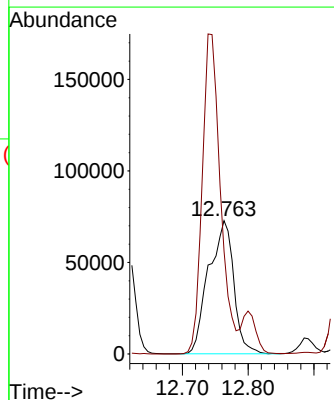
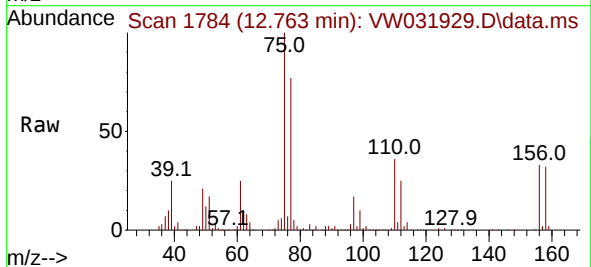
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

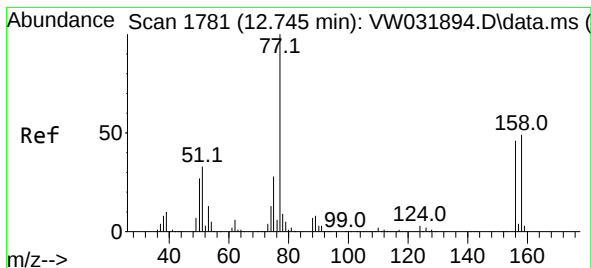
Tgt Ion: 83 Resp: 148006
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 81.765 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 75 Resp: 193166
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

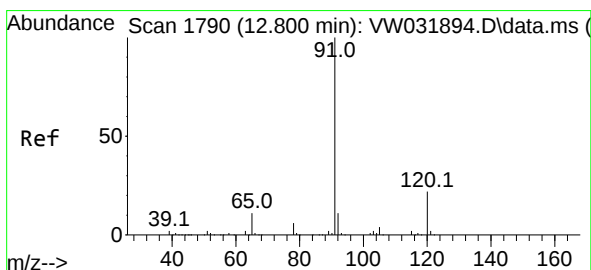
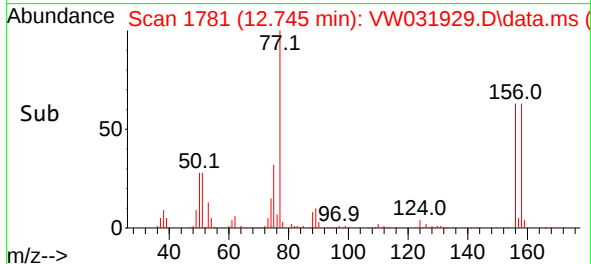
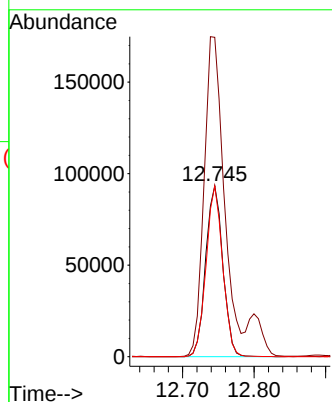
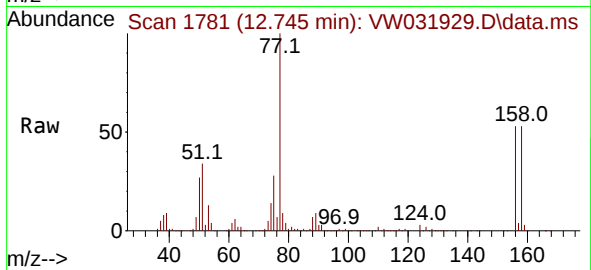




#77
Bromobenzene
Concen: 48.362 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

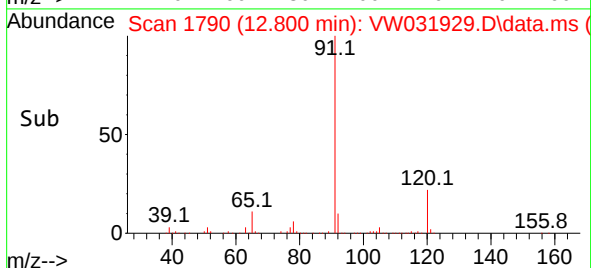
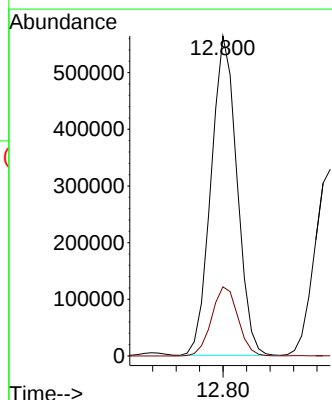
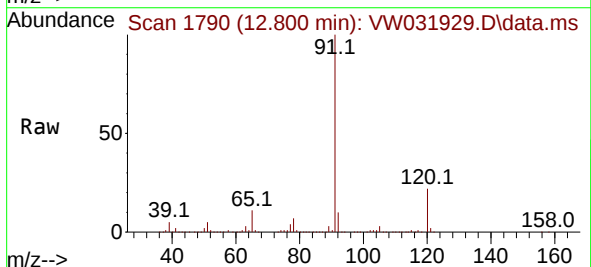
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

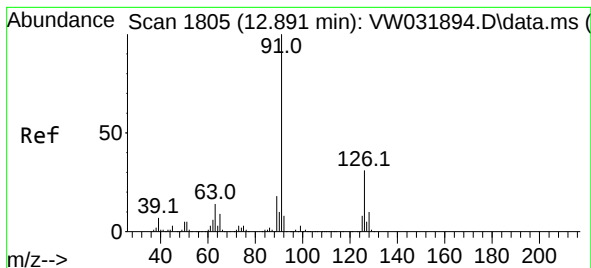
Tgt Ion:156 Resp: 155357
Ion Ratio Lower Upper
156 100
77 216.5 115.3 345.8
158 97.1 50.1 150.3



#78
n-propylbenzene
Concen: 47.428 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 91 Resp: 864835
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 47.220 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

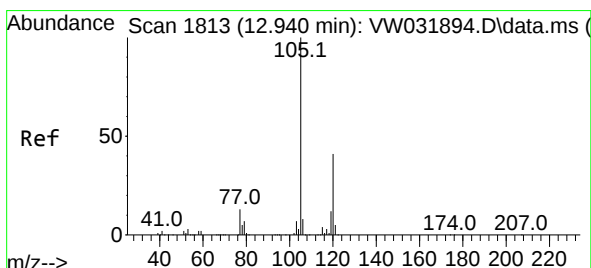
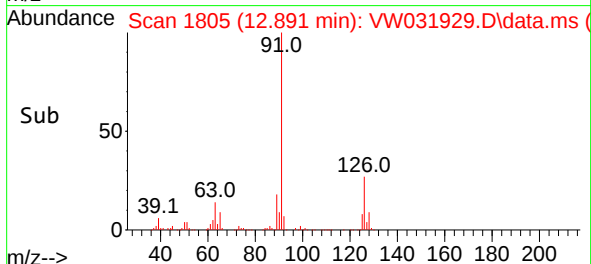
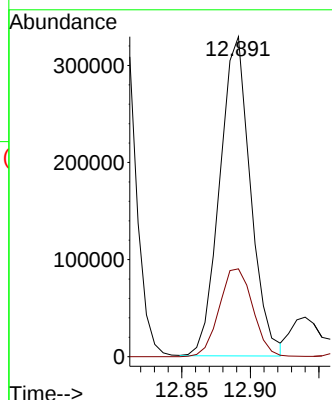
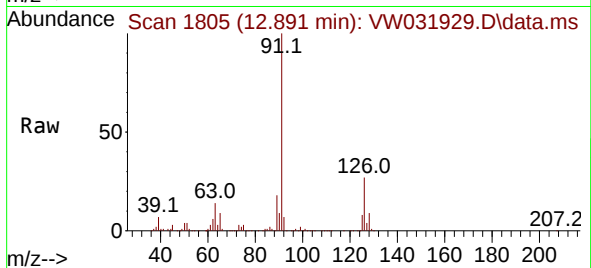
VSTDCCC050

Tgt Ion: 91 Resp: 514092

Ion Ratio Lower Upper

91 100

126 30.1 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 46.584 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031929.D

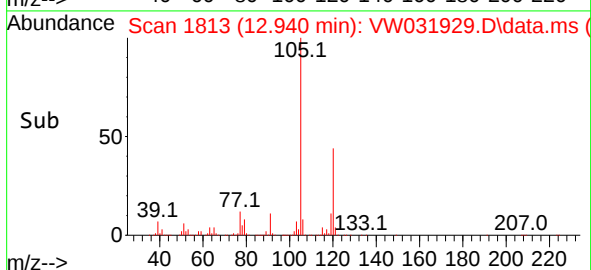
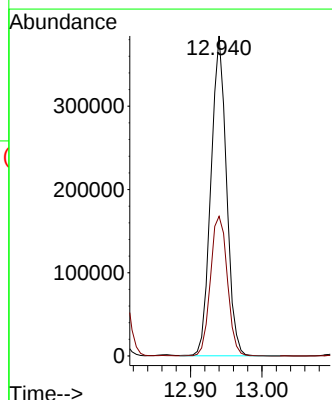
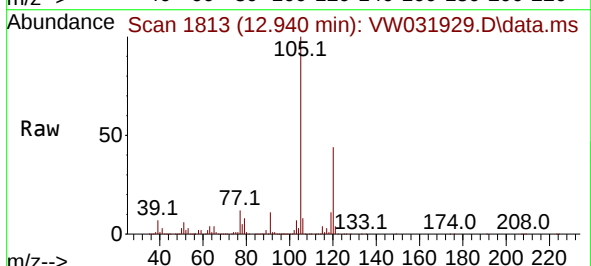
Acq: 25 Jul 2025 09:30

Tgt Ion: 105 Resp: 580059

Ion Ratio Lower Upper

105 100

120 47.5 23.5 70.5

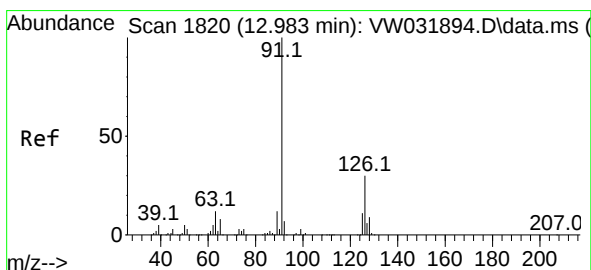
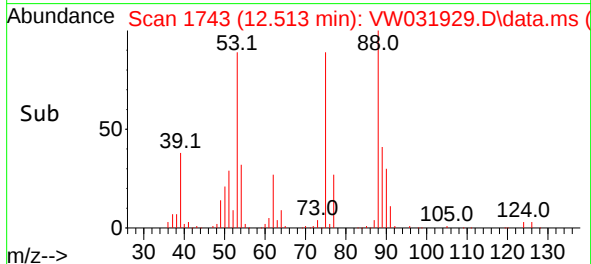
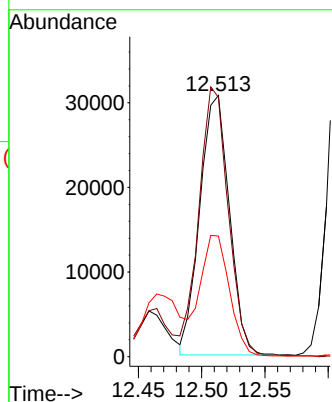
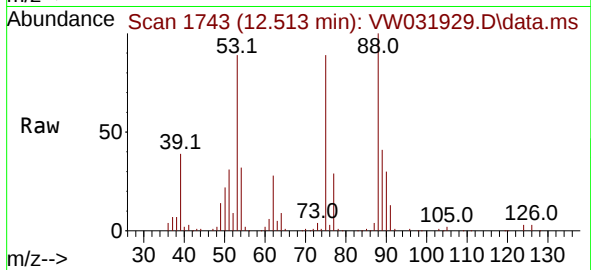




#81
trans-1,4-Dichloro-2-butene
Concen: 48.623 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

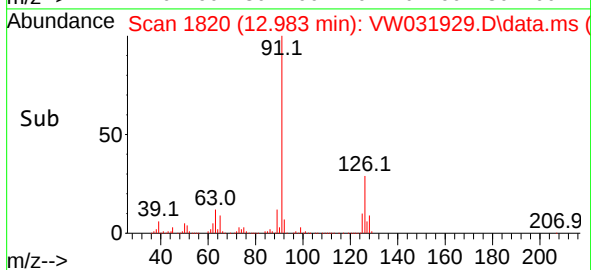
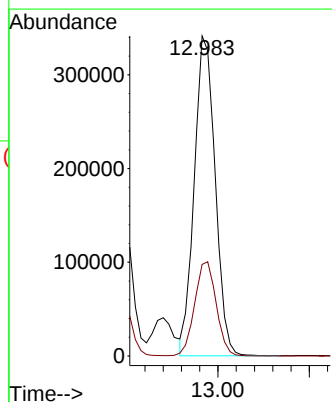
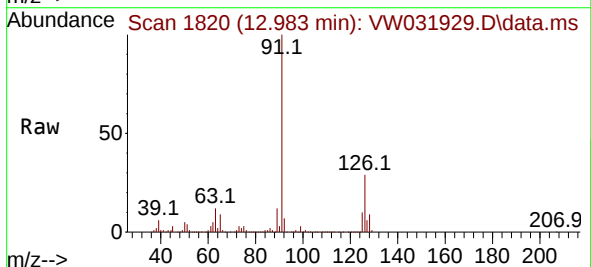
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

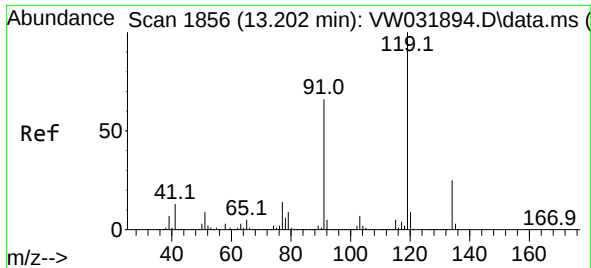
Tgt Ion: 75 Resp: 49755
Ion Ratio Lower Upper
75 100
53 104.1 83.7 125.5
89 46.0 39.0 58.6



#82
4-Chlorotoluene
Concen: 47.404 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 91 Resp: 541424
Ion Ratio Lower Upper
91 100
126 30.4 15.8 47.3

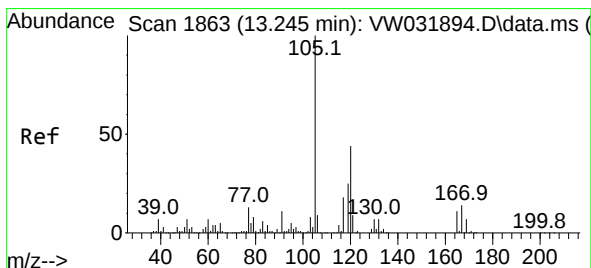
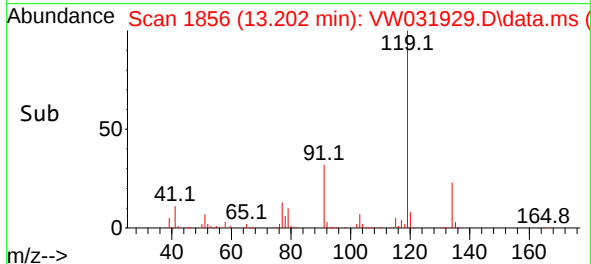
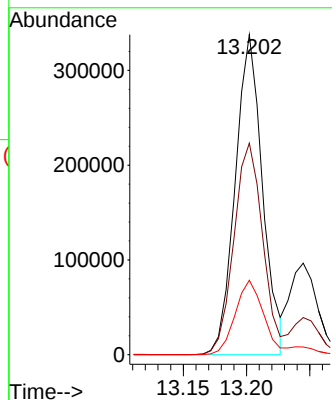
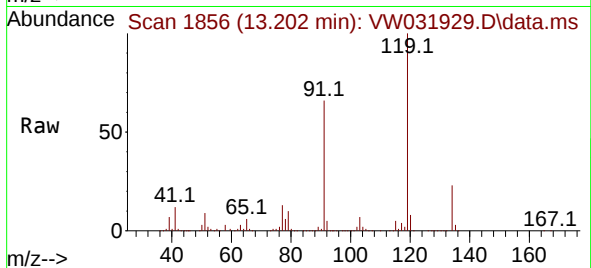




#83
tert-Butylbenzene
Concen: 47.756 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

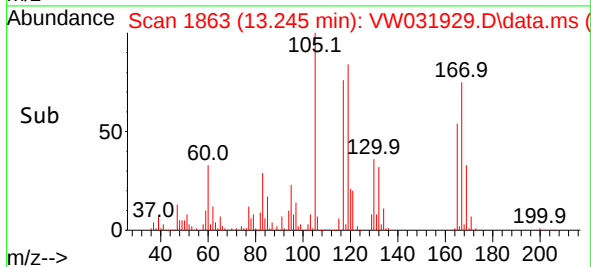
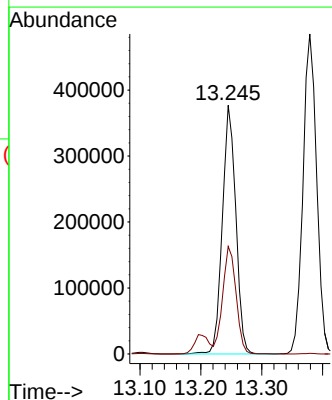
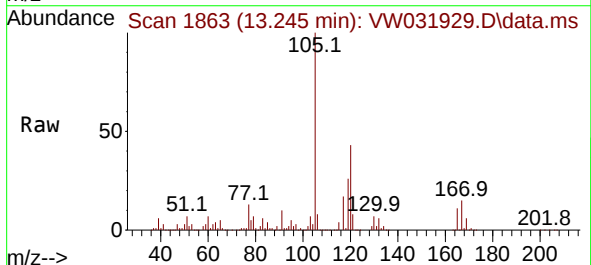
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

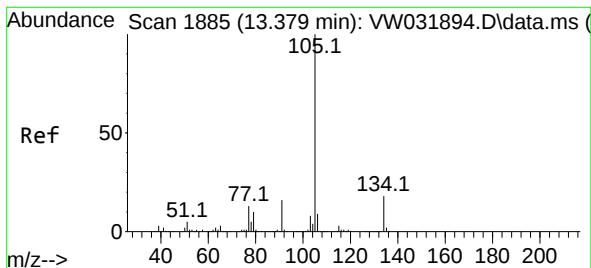
Tgt Ion:119 Resp: 506524
Ion Ratio Lower Upper
119 100
91 69.7 35.5 106.5
134 24.3 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 45.867 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:105 Resp: 578065
Ion Ratio Lower Upper
105 100
120 42.9 21.3 63.9





#85

sec-Butylbenzene

Concen: 47.264 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

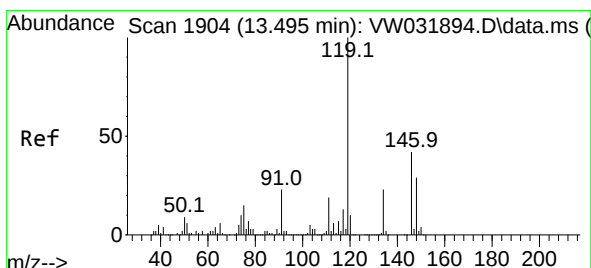
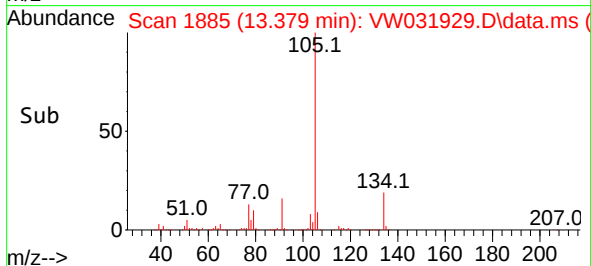
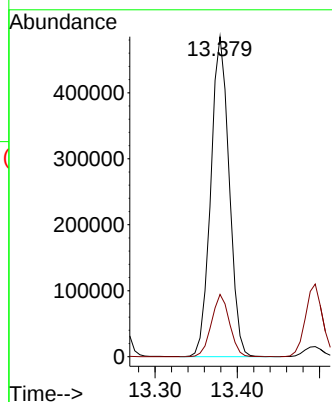
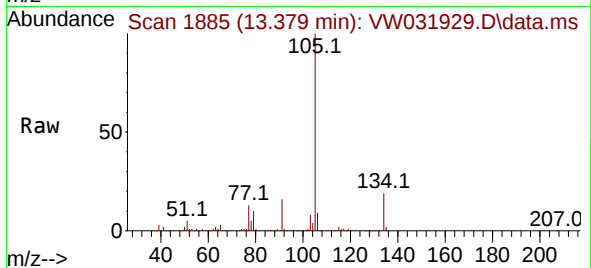
VSTDCCC050

Tgt Ion:105 Resp: 752838

Ion Ratio Lower Upper

105 100

134 19.1 9.2 27.6



#86

p-Isopropyltoluene

Concen: 47.233 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

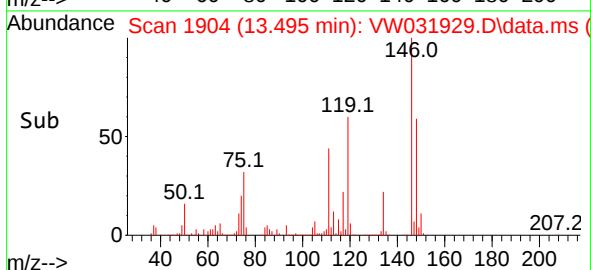
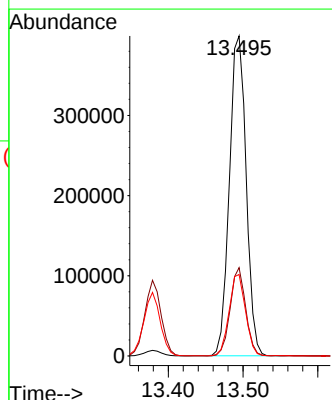
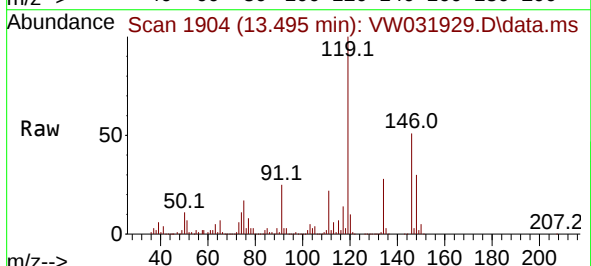
Tgt Ion:119 Resp: 621844

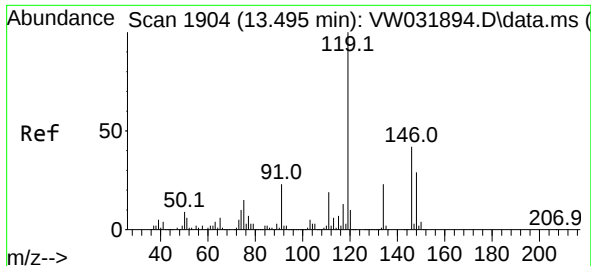
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 45.400 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

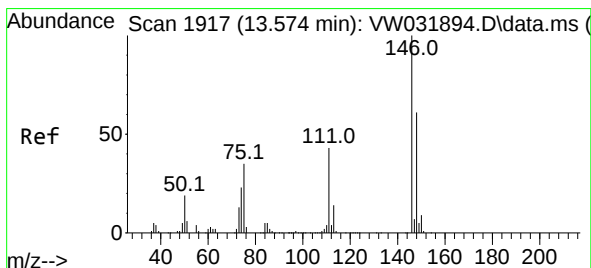
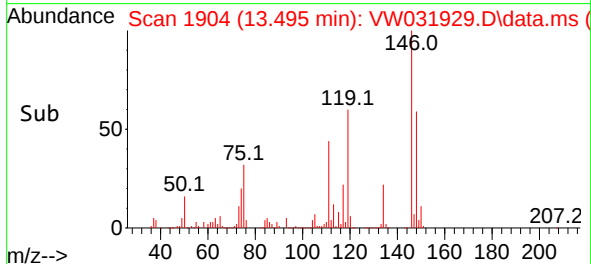
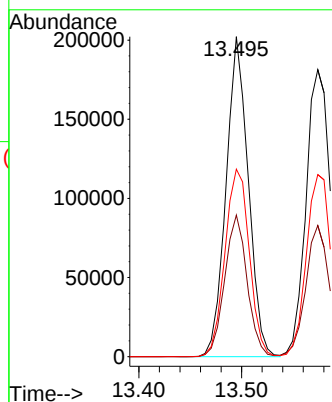
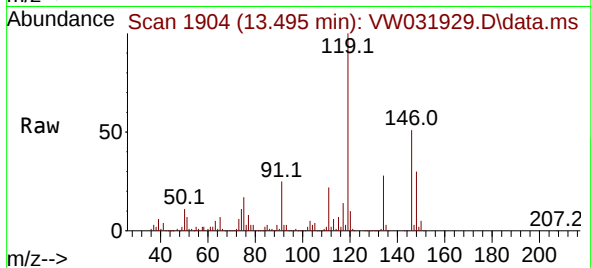
Tgt Ion:146 Resp: 303583

Ion Ratio Lower Upper

146 100

111 44.7 21.9 65.7

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.735 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

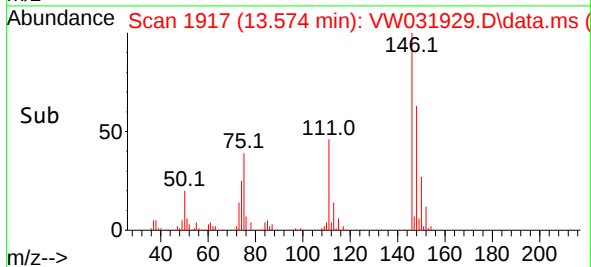
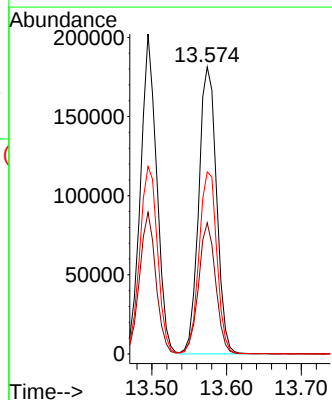
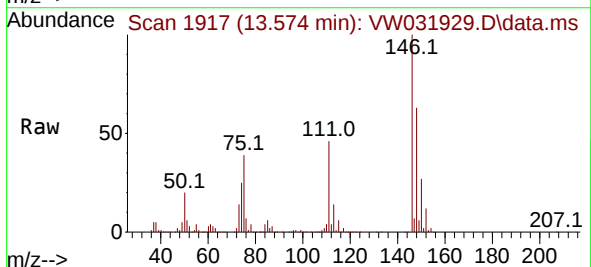
Tgt Ion:146 Resp: 299588

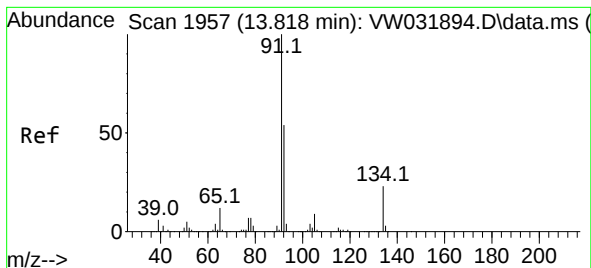
Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 47.419 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031929.D

Acq: 25 Jul 2025 09:30

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

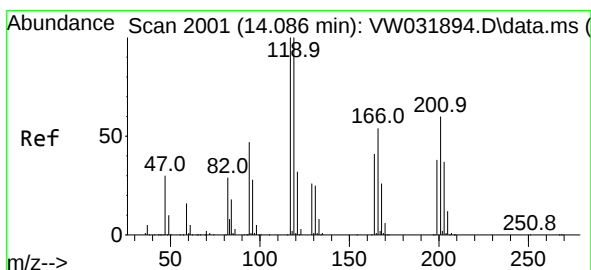
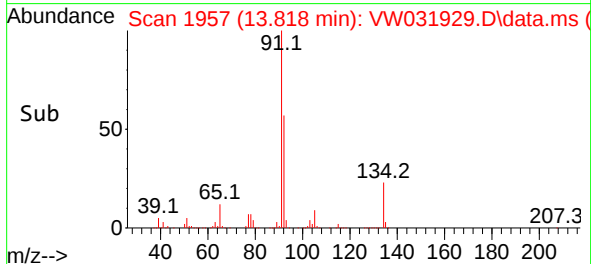
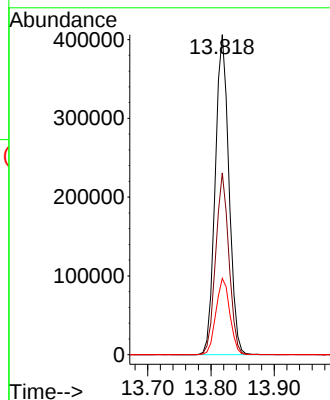
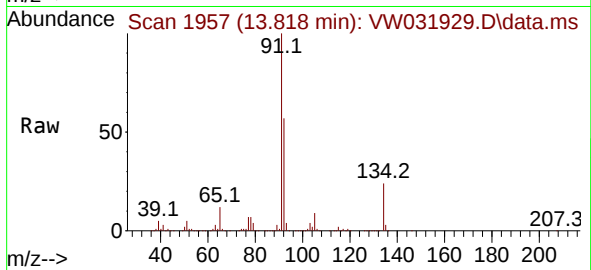
Tgt Ion: 91 Resp: 612416

Ion Ratio Lower Upper

91 100

92 54.8 27.2 81.5

134 24.1 11.6 34.7



#90

Hexachloroethane

Concen: 46.838 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031929.D

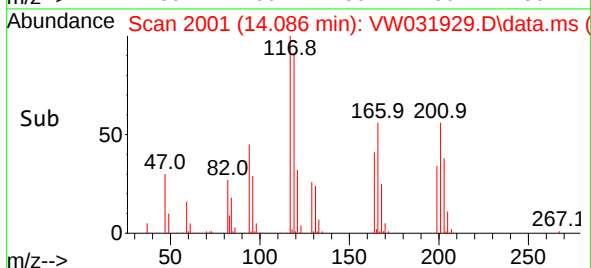
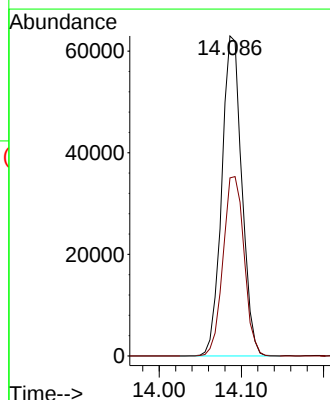
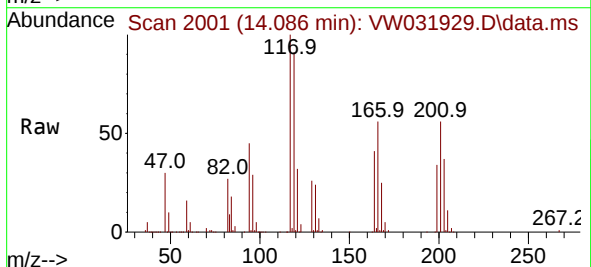
Acq: 25 Jul 2025 09:30

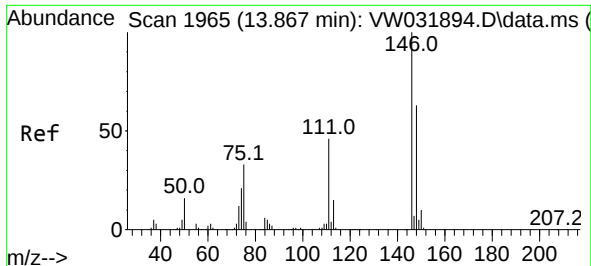
Tgt Ion: 117 Resp: 106629

Ion Ratio Lower Upper

117 100

201 58.8 28.4 85.2

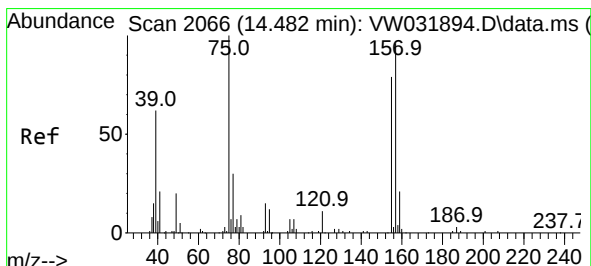
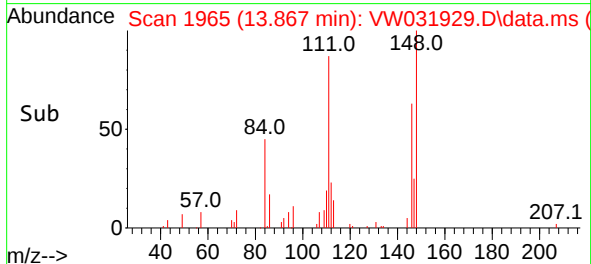
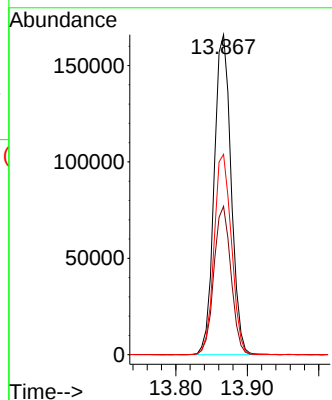
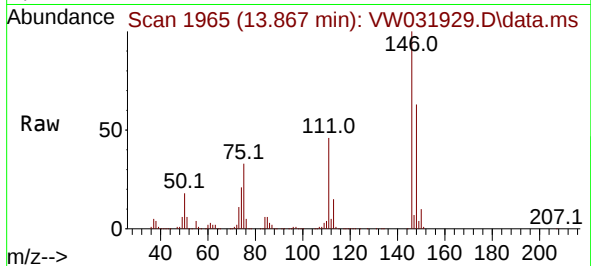




#91
1,2-Dichlorobenzene
Concen: 45.964 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

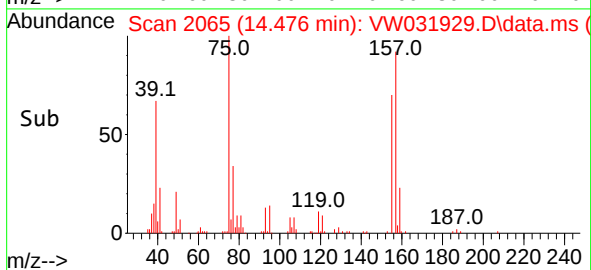
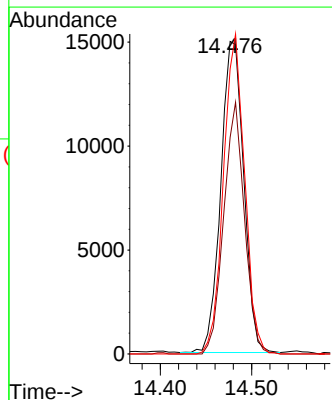
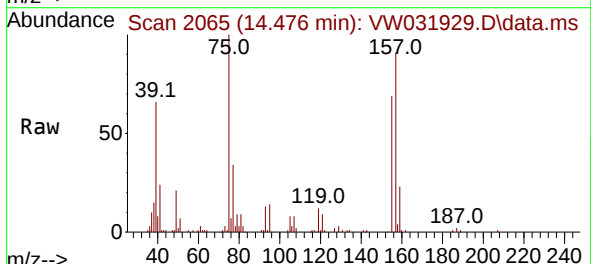
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

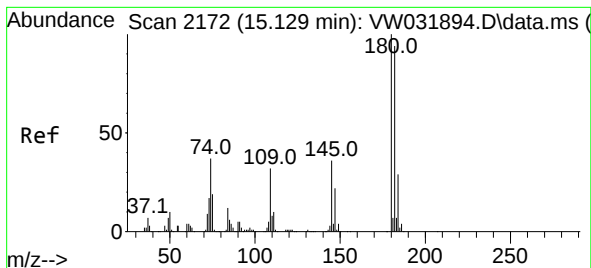
Tgt Ion:146 Resp: 272386
Ion Ratio Lower Upper
146 100
111 46.8 23.6 71.0
148 64.1 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.861 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion: 75 Resp: 26111
Ion Ratio Lower Upper
75 100
155 73.4 35.9 107.7
157 94.9 47.4 142.2

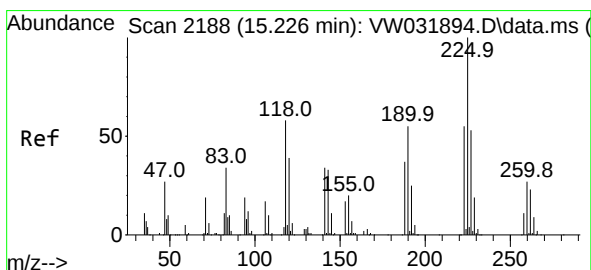
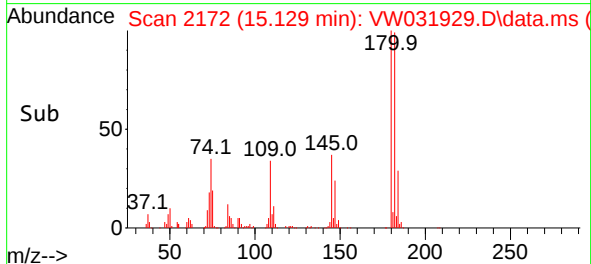
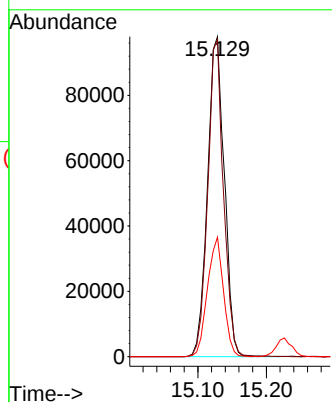
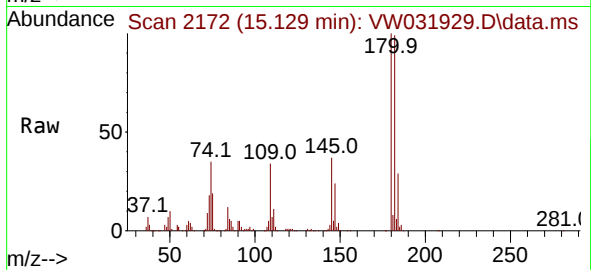




#93
1,2,4-Trichlorobenzene
Concen: 46.777 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

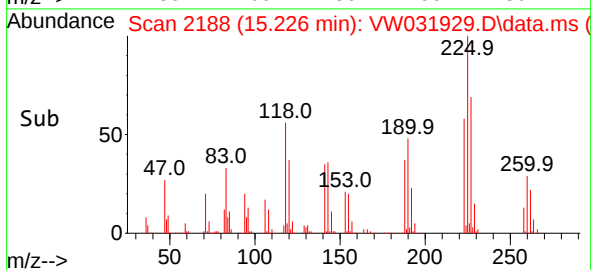
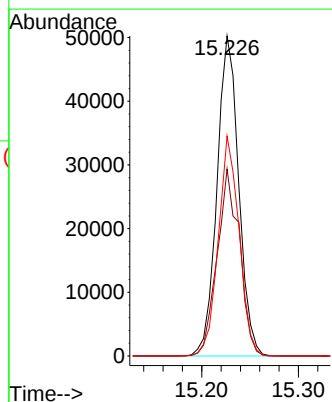
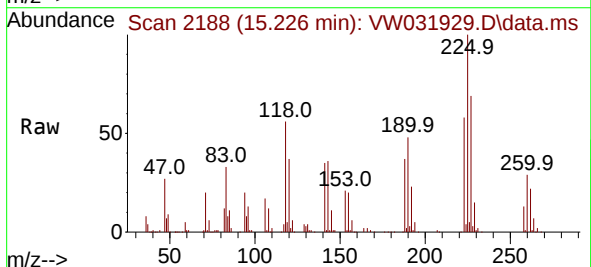
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

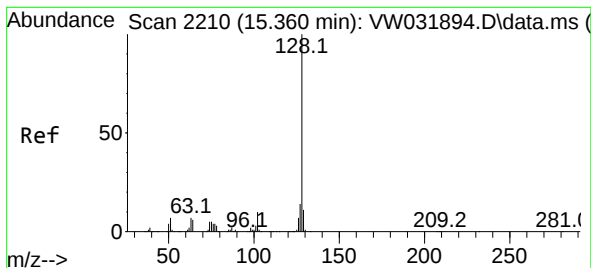
Tgt Ion:180 Resp: 167177
Ion Ratio Lower Upper
180 100
182 92.5 51.0 153.1
145 35.8 18.4 55.4



#94
Hexachlorobutadiene
Concen: 46.177 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:225 Resp: 78202
Ion Ratio Lower Upper
225 100
223 59.9 30.9 92.7
227 66.0 30.0 90.1

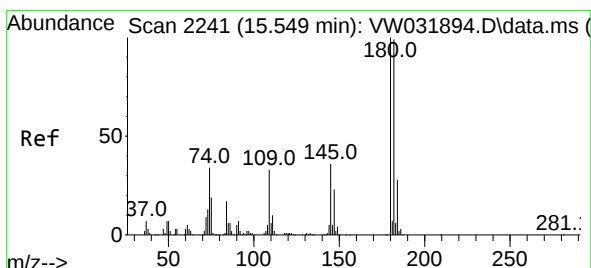
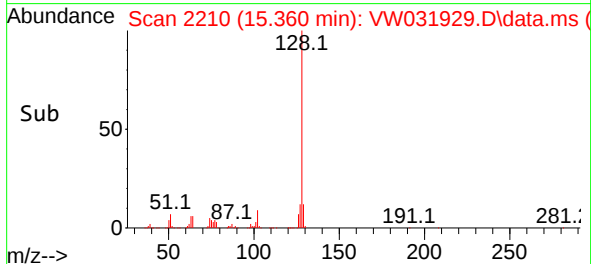
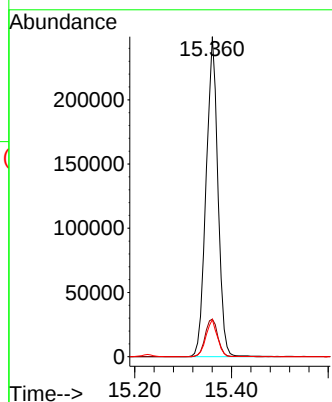
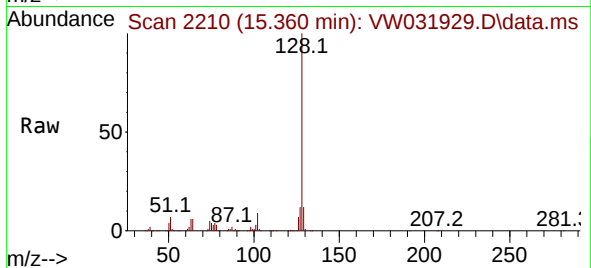




#95
Naphthalene
Concen: 48.038 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 422088
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 11.2 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 49.070 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031929.D
Acq: 25 Jul 2025 09:30

Tgt Ion:180 Resp: 158895
Ion Ratio Lower Upper
180 100
182 87.1 50.4 151.2
145 35.5 18.6 55.8

