

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
 Data File : VW032146.D
 Acq On : 26 Aug 2025 13:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

Quant Time: Aug 27 04:20:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	236475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142013	41.992	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	83.980%
35) Dibromofluoromethane	7.898	113	119103	43.264	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	86.520%
50) Toluene-d8	10.325	98	439822	45.510	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.617	95	160725	44.975	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	89.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	71027	45.493	ug/l	94
3) Chloromethane	2.253	50	74645	45.600	ug/l	97
4) Vinyl Chloride	2.405	62	98427	46.293	ug/l	94
5) Bromomethane	2.820	94	83324	43.886	ug/l	98
6) Chloroethane	2.966	64	67597	45.145	ug/l	98
7) Trichlorofluoromethane	3.308	101	95752	45.452	ug/l	97
8) Diethyl Ether	3.716	74	69352	44.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	116342	49.024	ug/l	97
10) Methyl Iodide	4.313	142	167339	46.309	ug/l	100
11) Tert butyl alcohol	5.216	59	46191	223.294	ug/l	98
12) 1,1-Dichloroethene	4.076	96	121250	48.515	ug/l	93
13) Acrolein	3.929	56	64957	204.279	ug/l	98
14) Allyl chloride	4.704	41	174391	49.124	ug/l	99
15) Acrylonitrile	5.405	53	178789	233.915	ug/l	98
16) Acetone	4.161	43	191131	260.957	ug/l	100
17) Carbon Disulfide	4.423	76	304371	48.692	ug/l	100
18) Methyl Acetate	4.704	43	106336	45.567	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	228547	48.426	ug/l	99
20) Methylene Chloride	4.948	84	142919	47.403	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	133792	47.921	ug/l	90
22) Diisopropyl ether	6.344	45	378823	49.029	ug/l	96
23) Vinyl Acetate	6.283	43	1286517	244.903	ug/l	99
24) 1,1-Dichloroethane	6.240	63	233811	46.223	ug/l	99
25) 2-Butanone	7.191	43	258276	248.853	ug/l	97
26) 2,2-Dichloropropane	7.185	77	137122	51.190	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	160482	47.237	ug/l	99
28) Bromochloromethane	7.532	49	103711	44.789	ug/l	100
29) Tetrahydrofuran	7.551	42	152131	230.667	ug/l	100
30) Chloroform	7.691	83	272139	47.122	ug/l	99
31) Cyclohexane	7.965	56	193679	46.650	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	205549	48.756	ug/l	99
36) 1,1-Dichloropropene	8.093	75	179756	50.360	ug/l	98
37) Ethyl Acetate	7.270	43	103297	48.241	ug/l	98
38) Carbon Tetrachloride	8.081	117	195403	51.066	ug/l	99
39) Methylcyclohexane	9.343	83	230384	54.492	ug/l	99
40) Benzene	8.331	78	545356	49.427	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	59390	49.922	ug/l	93
42) 1,2-Dichloroethane	8.410	62	185296	48.444	ug/l	100
43) Isopropyl Acetate	8.435	43	195050	48.555	ug/l	99
44) Trichloroethene	9.099	130	139951	50.438	ug/l	95
45) 1,2-Dichloropropane	9.374	63	127962	48.110	ug/l	99
46) Dibromomethane	9.465	93	88183	47.269	ug/l	97
47) Bromodichloromethane	9.648	83	205595	48.496	ug/l	96
48) Methyl methacrylate	9.441	41	91140	49.232	ug/l	96
49) 1,4-Dioxane	9.465	88	23894	1060.060	ug/l	98
51) 4-Methyl-2-Pentanone	10.209	43	558035	246.021	ug/l	99
52) Toluene	10.392	92	351771	48.788	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	192451	51.459	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	213648	50.066	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	111445	45.940	ug/l	95
56) Ethyl methacrylate	10.648	69	159388	51.392	ug/l	98
57) 1,3-Dichloropropane	10.934	76	197423	48.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	385600	232.934	ug/l	98
59) 2-Hexanone	10.965	43	408079	258.687	ug/l	99
60) Dibromochloromethane	11.129	129	144311	49.161	ug/l	98
61) 1,2-Dibromoethane	11.233	107	115042	48.223	ug/l	100
64) Tetrachloroethene	10.861	164	122798	52.531	ug/l	93
65) Chlorobenzene	11.660	112	392099	48.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	134657	50.593	ug/l	100
67) Ethyl Benzene	11.727	91	705560	53.267	ug/l	99
68) m/p-Xylenes	11.837	106	534982	104.945	ug/l	99
69) o-Xylene	12.166	106	257061	53.311	ug/l	95
70) Styrene	12.178	104	445155	52.371	ug/l	98
71) Bromoform	12.349	173	79989	50.601	ug/l #	97
73) Isopropylbenzene	12.464	105	650395	51.711	ug/l	98
74) N-amyl acetate	12.269	43	182802	50.061	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	140426	46.980	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	178679	77.038	ug/l #	1
77) Bromobenzene	12.745	156	159112	49.609	ug/l	99
78) n-propylbenzene	12.800	91	801192	52.469	ug/l	99
79) 2-Chlorotoluene	12.891	91	473888	50.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	565093	53.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	44983	52.219	ug/l	93
82) 4-Chlorotoluene	12.989	91	495627	49.587	ug/l	97
83) tert-Butylbenzene	13.202	119	483165	53.512	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	571607	51.884	ug/l	99
85) sec-Butylbenzene	13.379	105	715657	53.088	ug/l	99
86) p-Isopropyltoluene	13.495	119	604413	52.722	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	316514	49.012	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	309536	47.819	ug/l	95
89) n-Butylbenzene	13.818	91	583819	53.415	ug/l	100
90) Hexachloroethane	14.086	117	106416	50.748	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	273088	47.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25127	47.585	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	178389	48.833	ug/l	98
94) Hexachlorobutadiene	15.226	225	84151	46.448	ug/l	90
95) Naphthalene	15.360	128	431564	52.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	171251	50.408	ug/l	99

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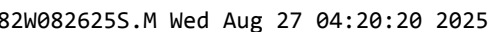
Instrument :
MSVOA_W
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ICVW082625

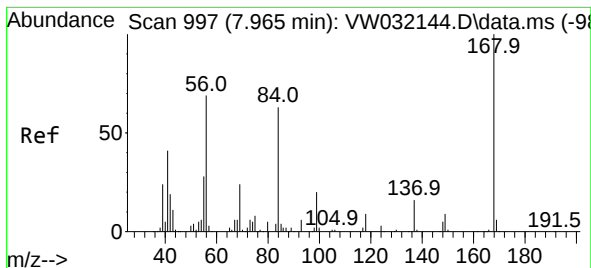
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032146.D

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Instrument :

MSVOA_W

ClientSampleId :

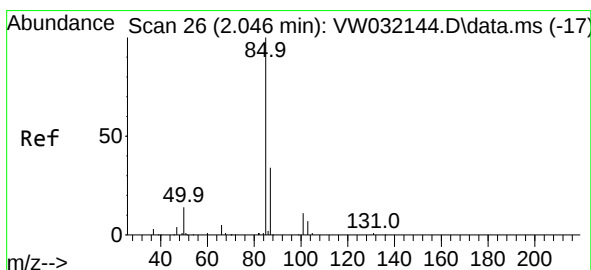
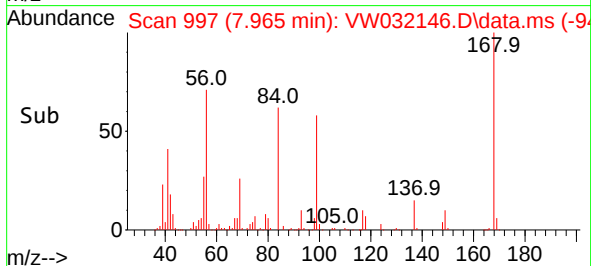
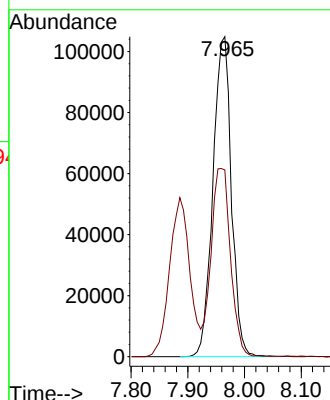
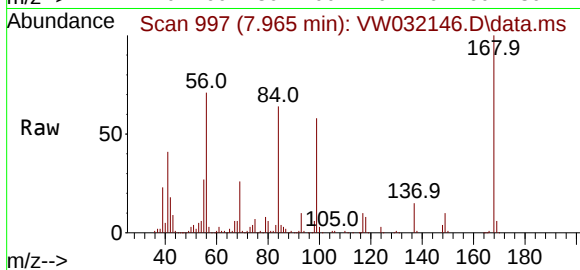
ICVW082625

Tgt Ion:168 Resp: 236475

Ion Ratio Lower Upper

168 100

99 58.2 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 45.493 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032146.D

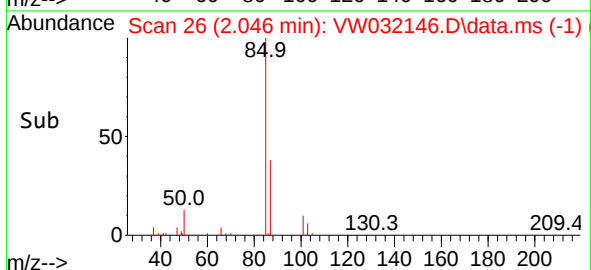
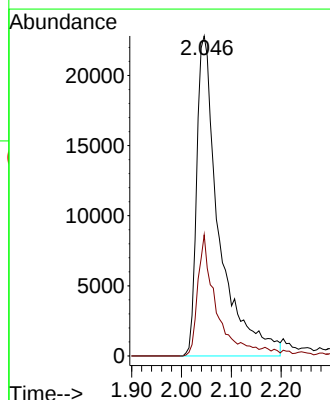
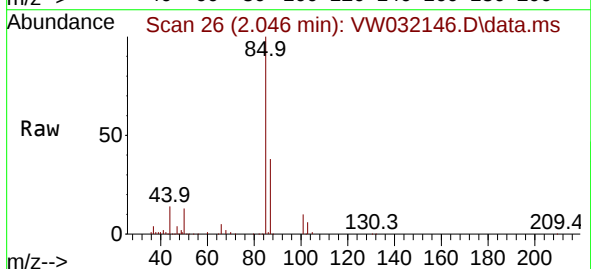
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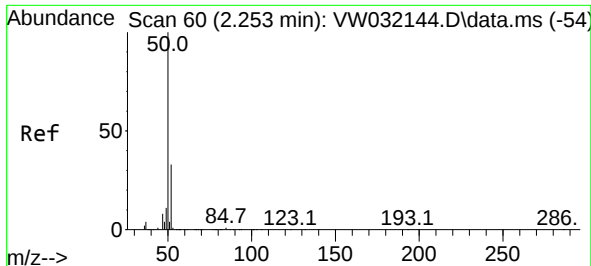
Tgt Ion: 85 Resp: 71027

Ion Ratio Lower Upper

85 100

87 37.8 17.2 51.6

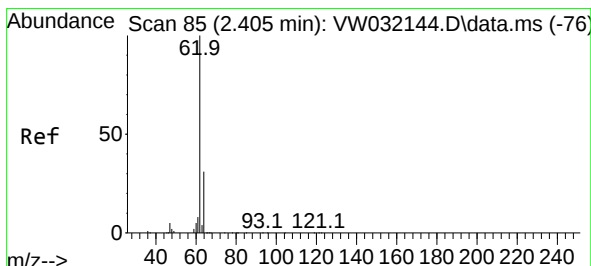
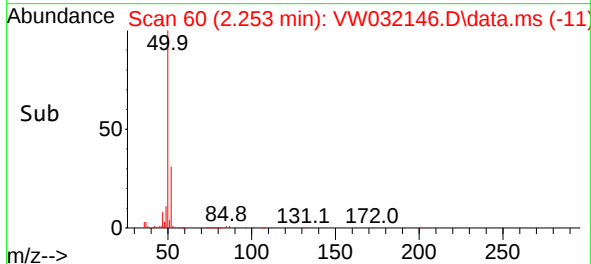
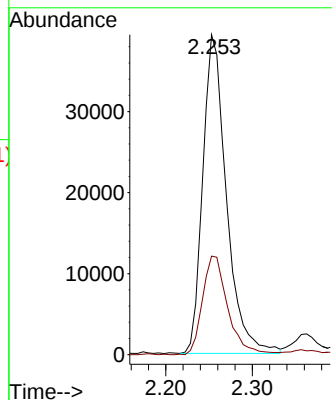
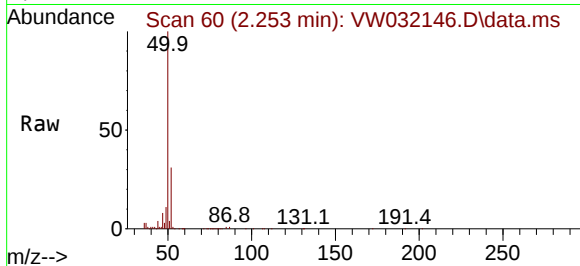




#3
Chloromethane
Concen: 45.600 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

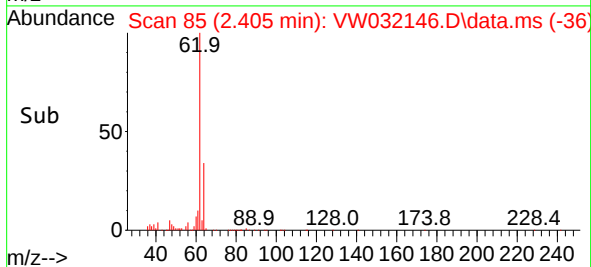
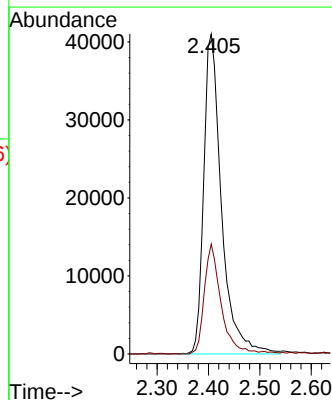
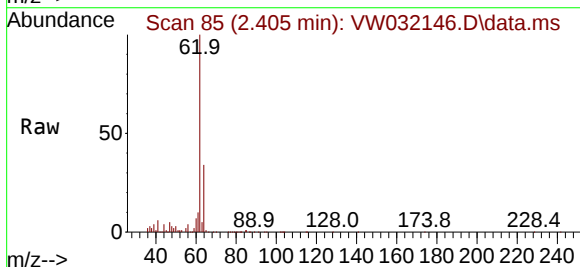
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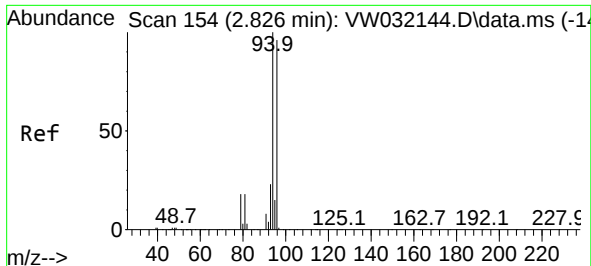
Tgt Ion: 50 Resp: 74645
Ion Ratio Lower Upper
50 100
52 30.8 26.1 39.1



#4
Vinyl Chloride
Concen: 46.293 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 62 Resp: 98427
Ion Ratio Lower Upper
62 100
64 34.3 24.8 37.2

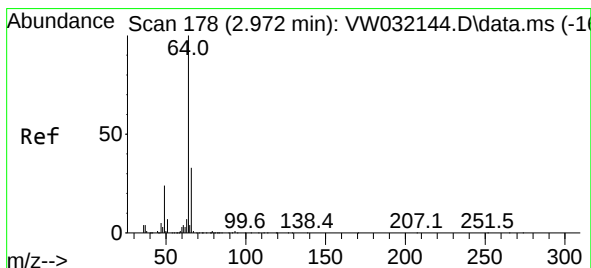
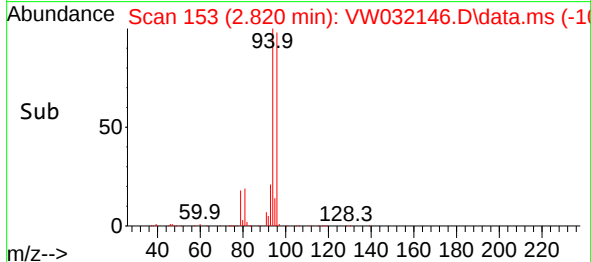
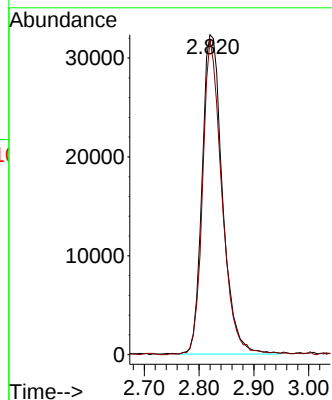
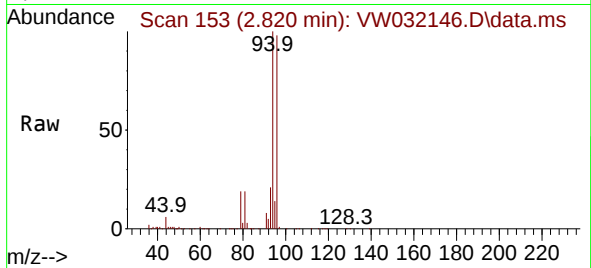




#5
Bromomethane
Concen: 43.886 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032146.D
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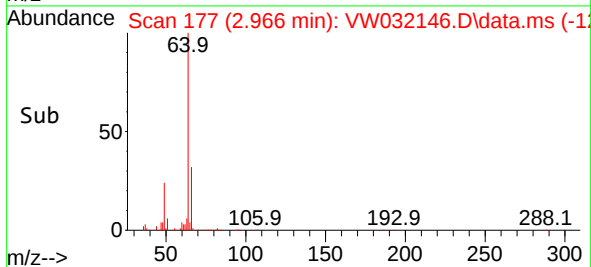
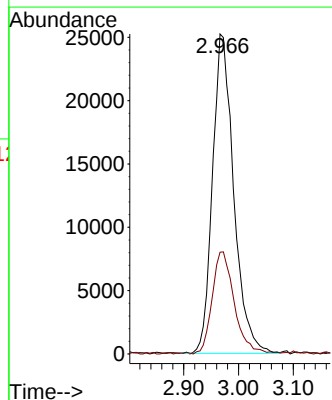
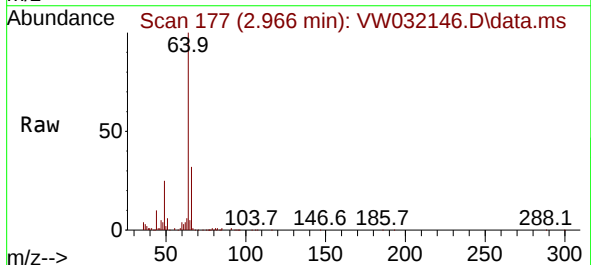
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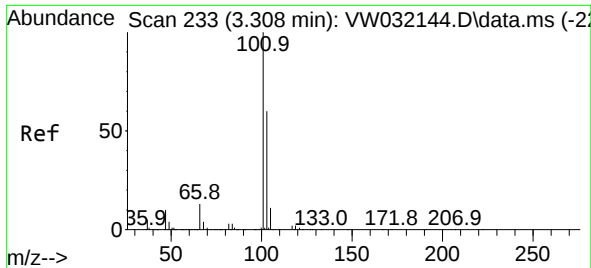
Tgt Ion: 94 Resp: 83324
Ion Ratio Lower Upper
94 100
96 98.2 76.6 115.0



#6
Chloroethane
Concen: 45.145 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 64 Resp: 67597
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4

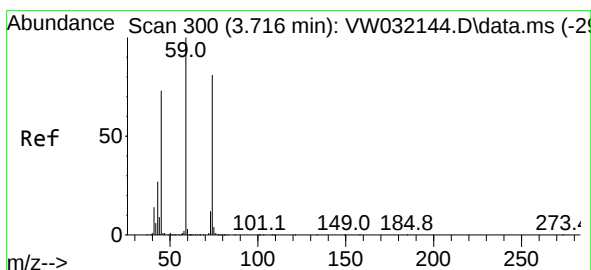
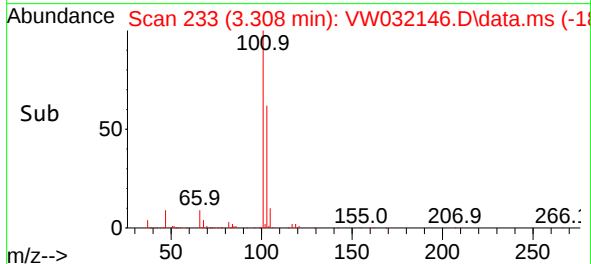
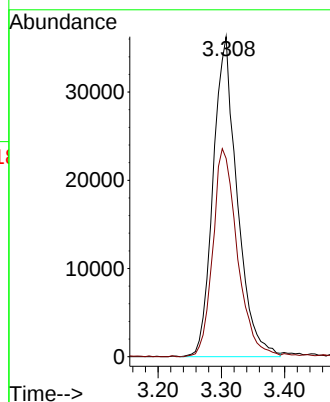
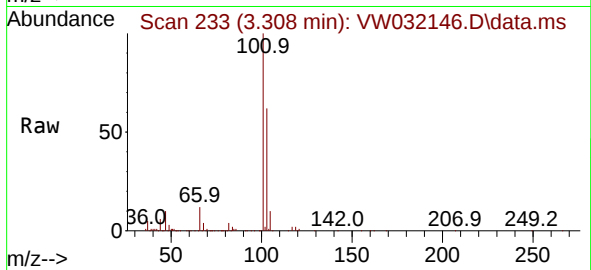




#7
 Trichlorofluoromethane
 Concen: 45.452 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

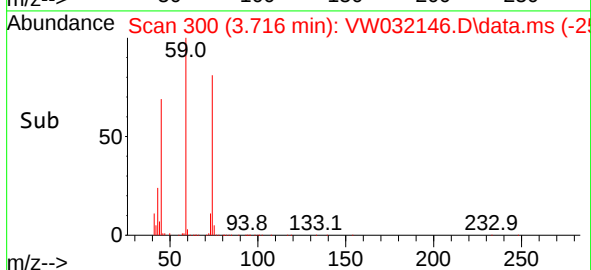
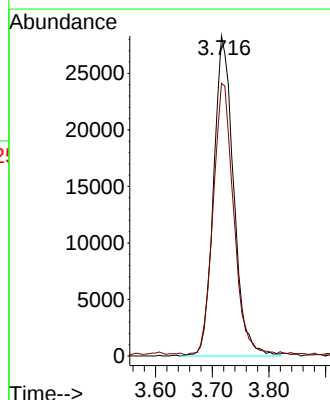
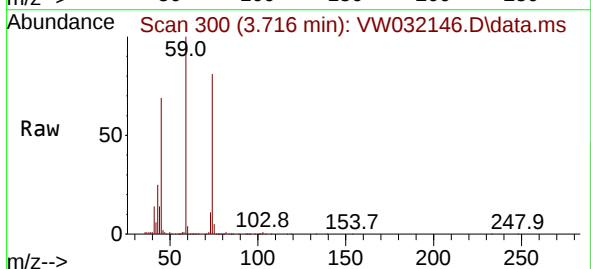
Instrument :
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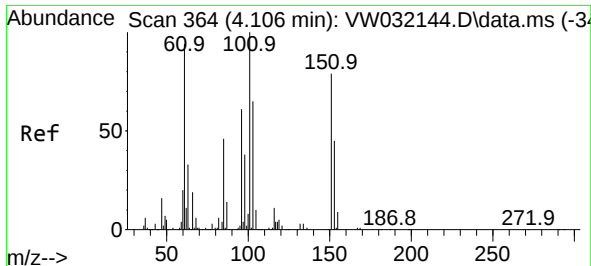
Tgt Ion:101 Resp: 95752
 Ion Ratio Lower Upper
 101 100
 103 61.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 44.114 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032146.D
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Tgt Ion: 74 Resp: 69352
 Ion Ratio Lower Upper
 74 100
 45 86.9 43.1 129.4

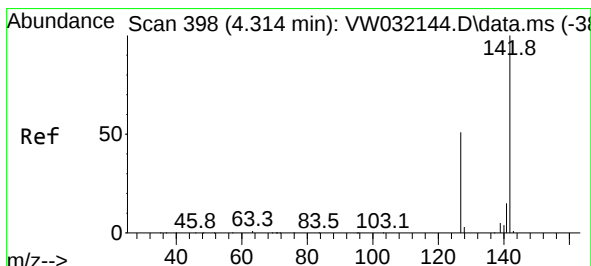
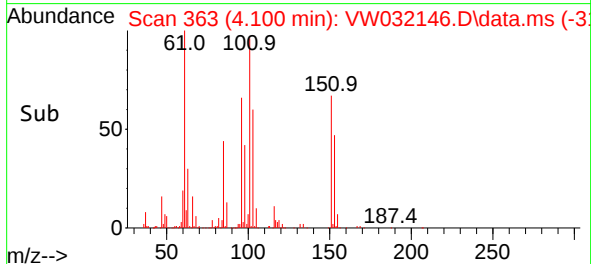
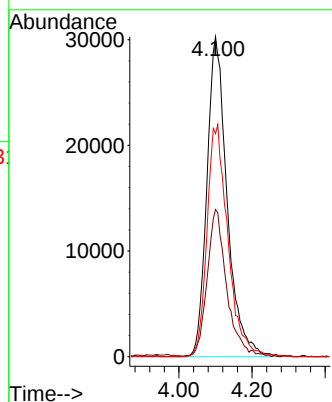
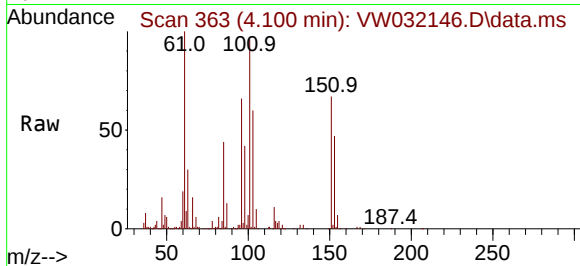




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.024 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

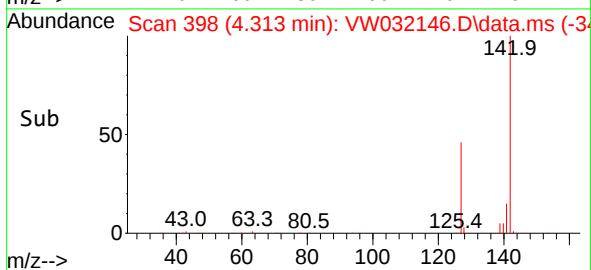
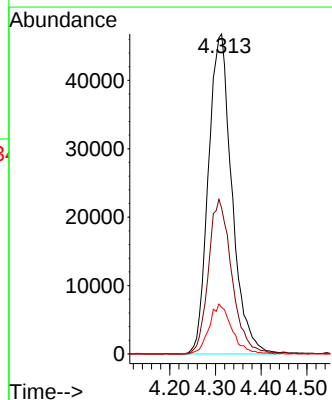
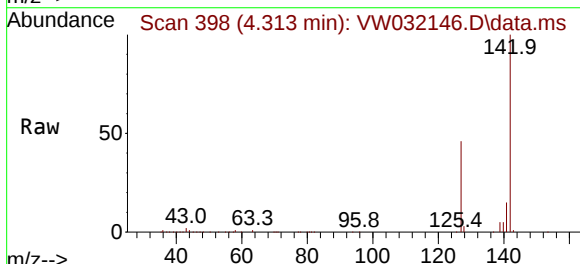
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

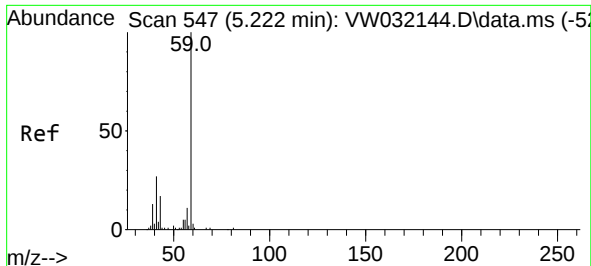
Tgt Ion:101 Resp: 116342
Ion Ratio Lower Upper
101 100
85 44.6 37.1 55.7
151 74.8 61.5 92.3



#10
Methyl Iodide
Concen: 46.309 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:142 Resp: 167339
Ion Ratio Lower Upper
142 100
127 48.0 38.2 57.2
141 15.1 12.2 18.2

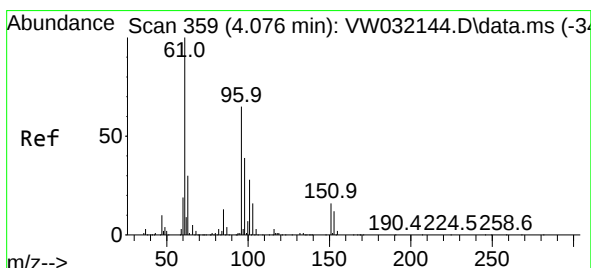
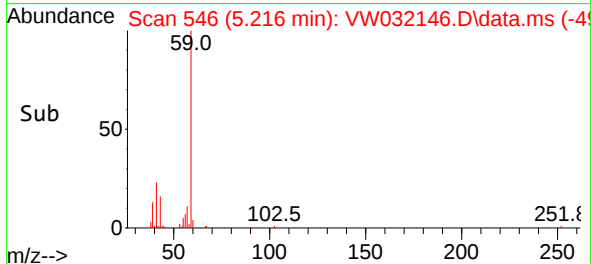
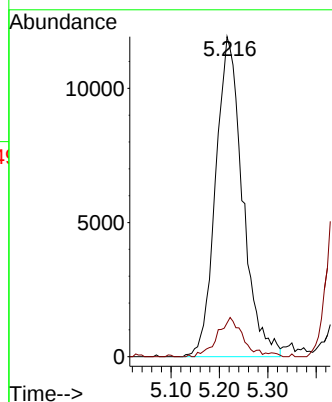
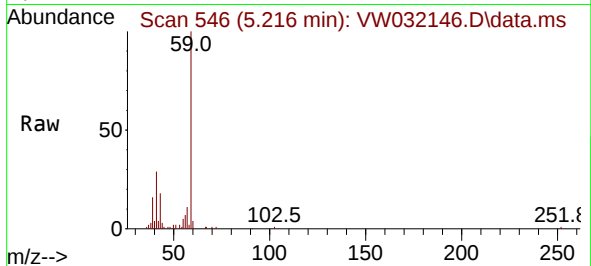




#11
Tert butyl alcohol
Concen: 223.294 ug/l
RT: 5.216 min Scan# 547
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

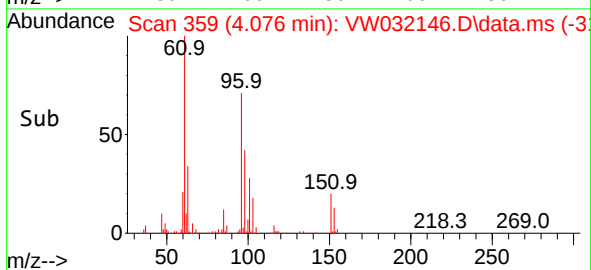
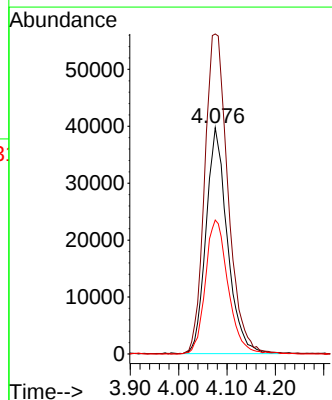
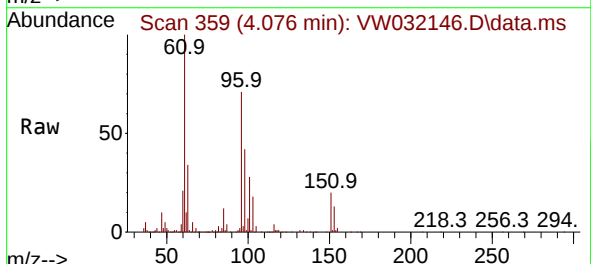
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

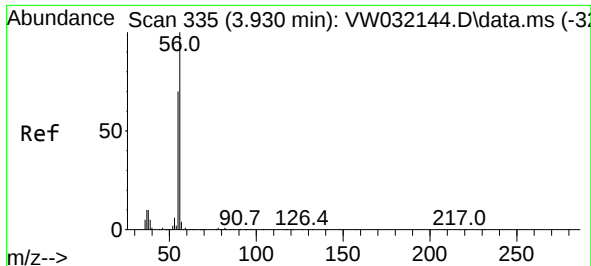
Tgt Ion: 59 Resp: 46191
Ion Ratio Lower Upper
59 100
57 11.5 9.8 14.6



#12
1,1-Dichloroethene
Concen: 48.515 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 96 Resp: 121250
Ion Ratio Lower Upper
96 100
61 141.4 123.0 184.4
98 59.3 48.5 72.7

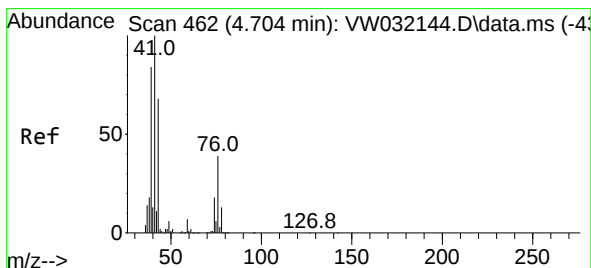
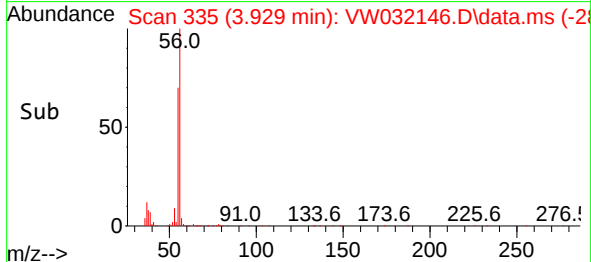
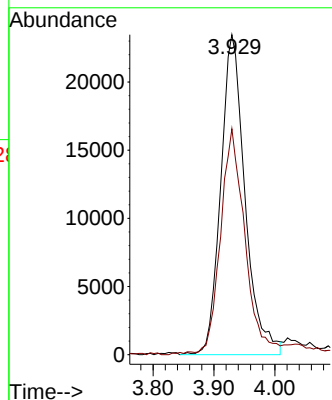
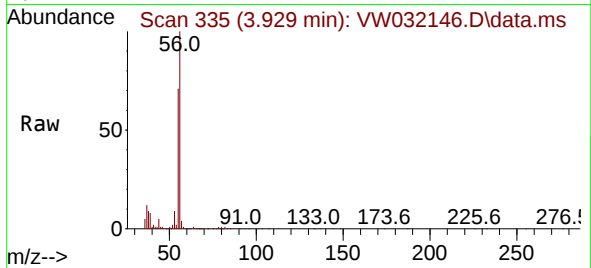




#13
Acrolein
Concen: 204.279 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

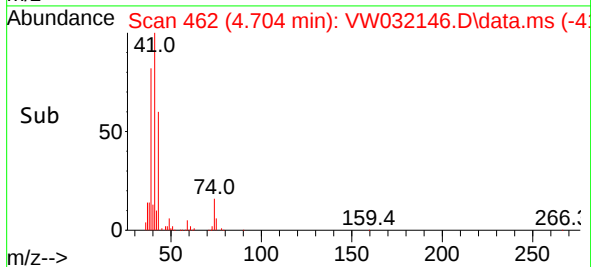
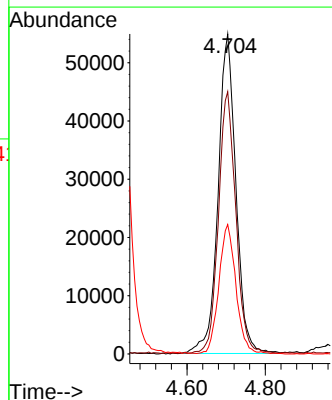
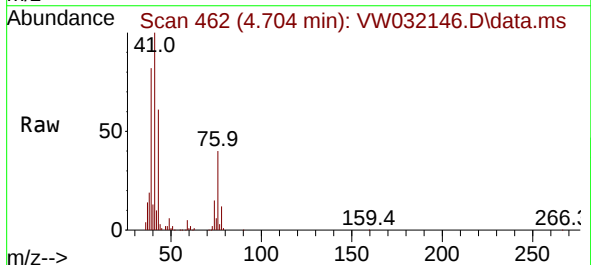
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

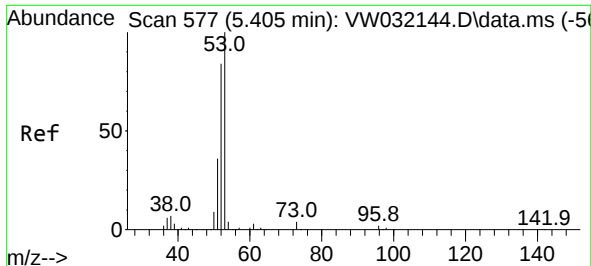
Tgt Ion: 56 Resp: 64957
Ion Ratio Lower Upper
56 100
55 72.1 56.4 84.6



#14
Allyl chloride
Concen: 49.124 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 41 Resp: 174391
Ion Ratio Lower Upper
41 100
39 79.3 64.1 96.1
76 38.9 31.4 47.2

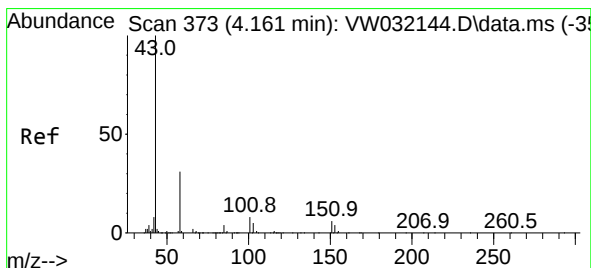
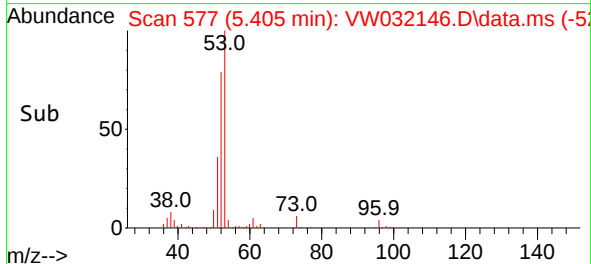
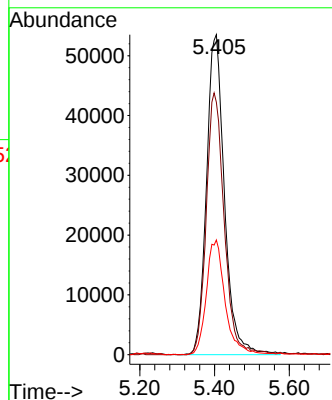
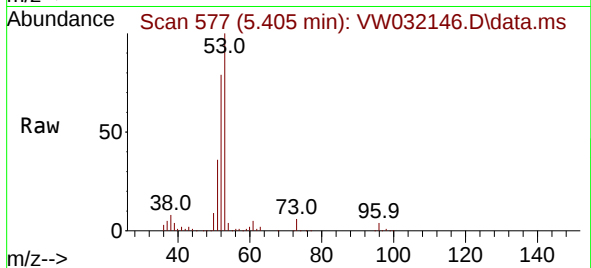




#15
Acrylonitrile
Concen: 233.915 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

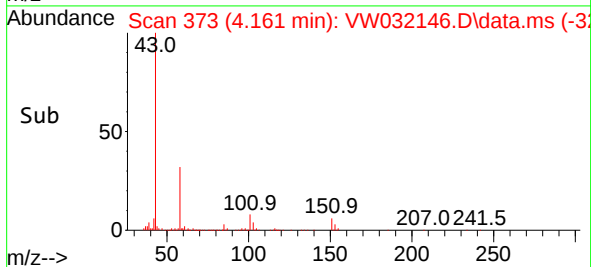
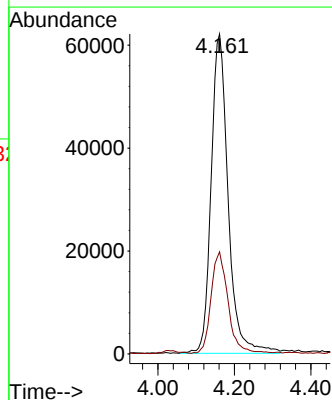
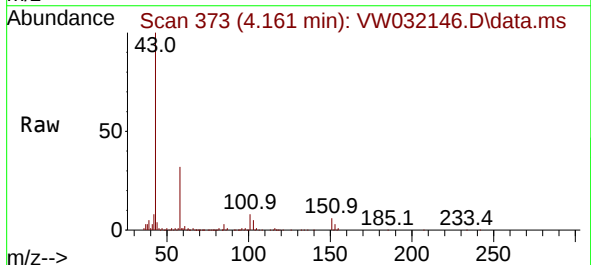
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

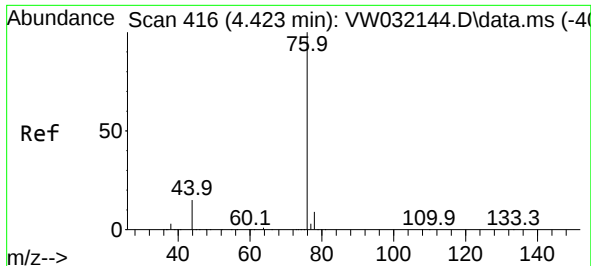
Tgt Ion: 53 Resp: 178789
Ion Ratio Lower Upper
53 100
52 81.8 67.4 101.2
51 37.5 30.3 45.5



#16
Acetone
Concen: 260.957 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 191131
Ion Ratio Lower Upper
43 100
58 31.5 25.3 37.9

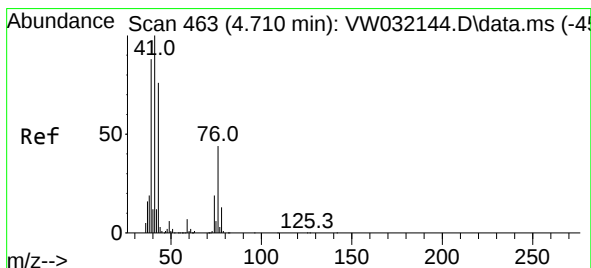
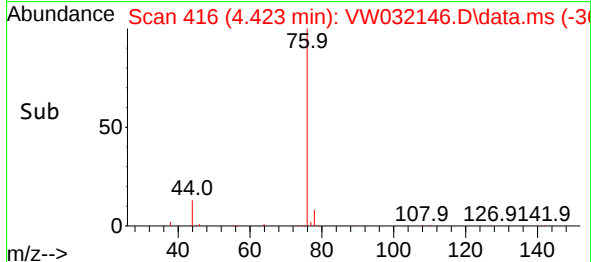
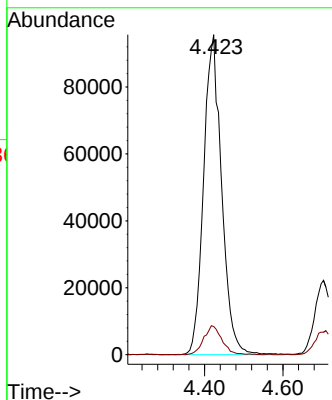
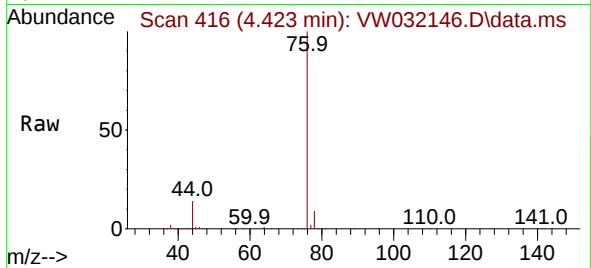




#17
Carbon Disulfide
Concen: 48.692 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

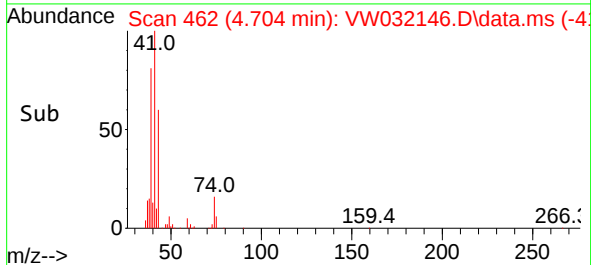
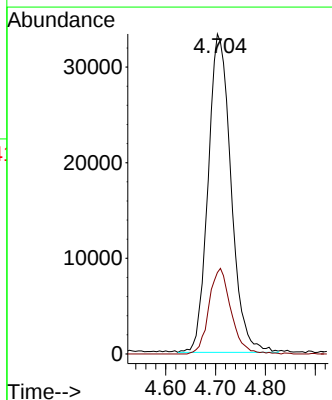
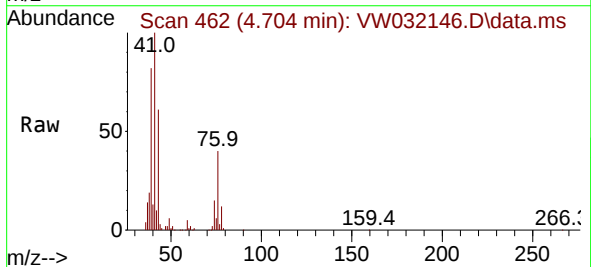
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

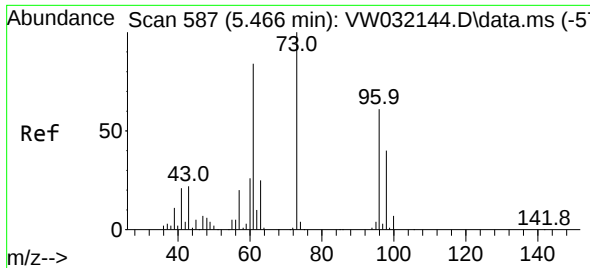
Tgt Ion: 76 Resp: 304371
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 45.567 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 106336
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.4

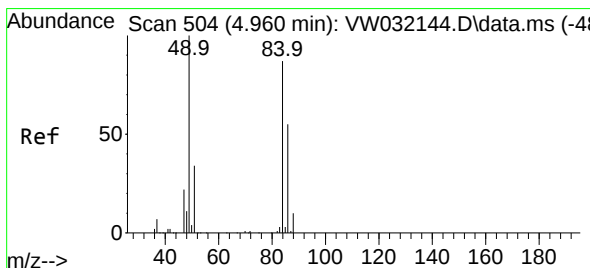
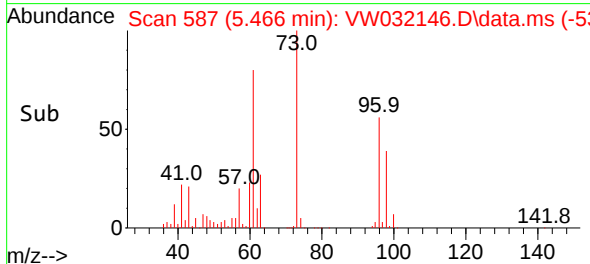
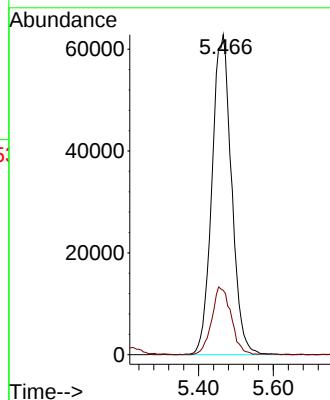
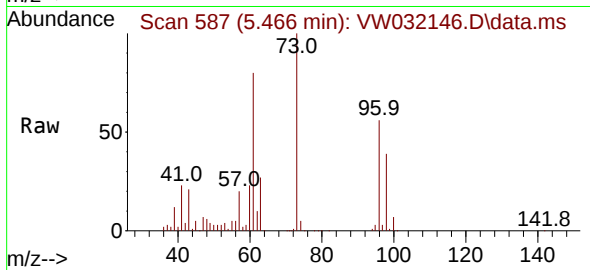




#19
Methyl tert-butyl Ether
Concen: 48.426 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

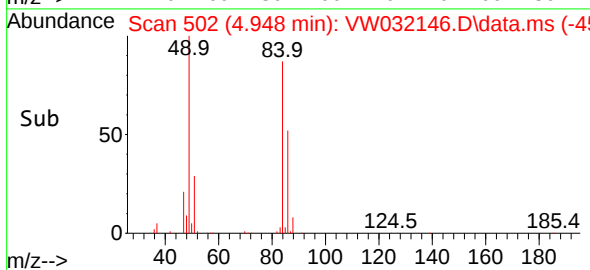
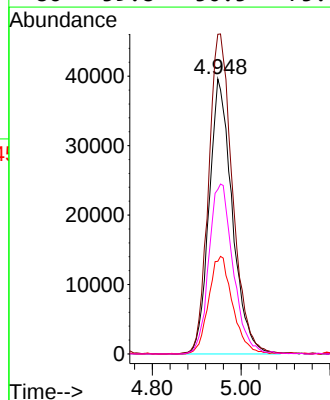
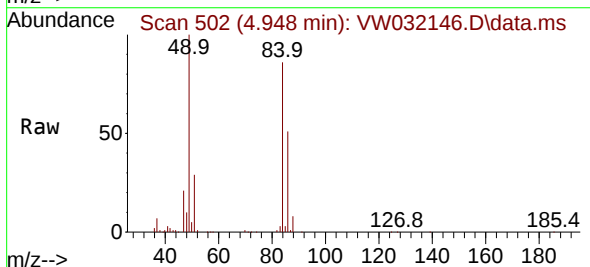
Instrument :
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ClientSampleId :
ICVW082625

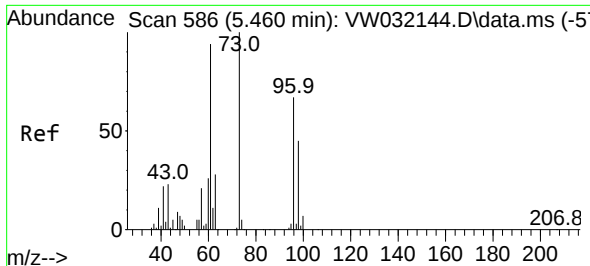
Tgt Ion: 73 Resp: 228547
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4



#20
Methylene Chloride
Concen: 47.403 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 84 Resp: 142919
Ion Ratio Lower Upper
84 100
49 116.0 92.2 138.4
51 33.7 31.0 46.6
86 59.8 50.5 75.7

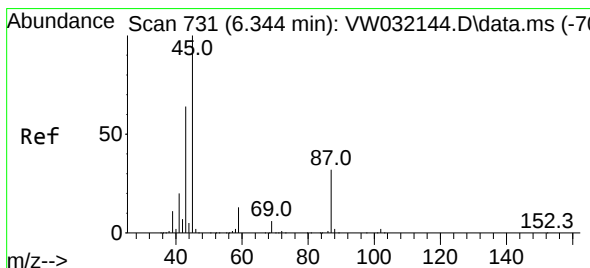
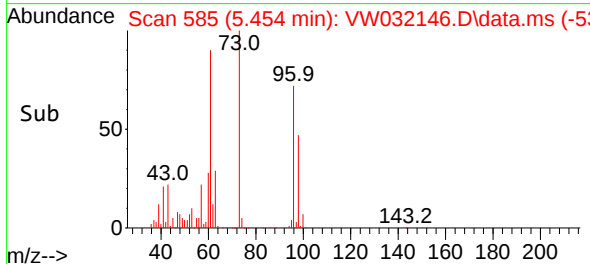
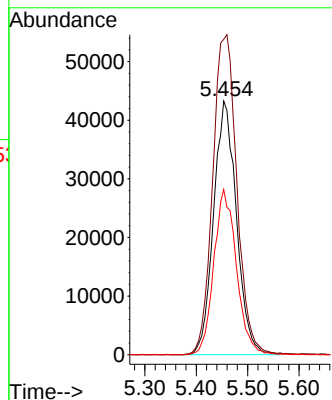
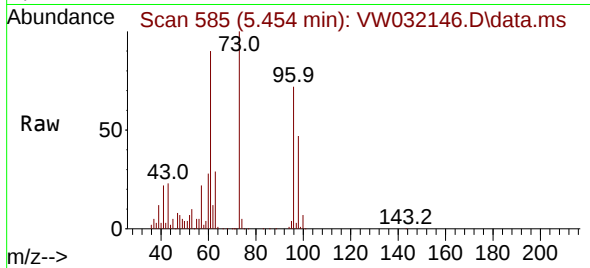




#21
trans-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

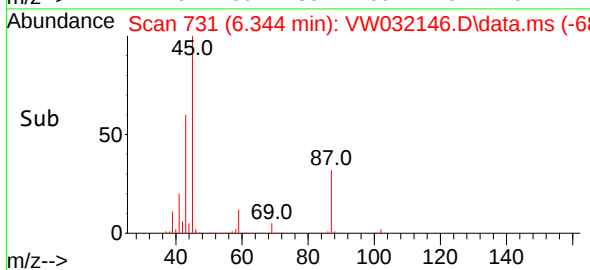
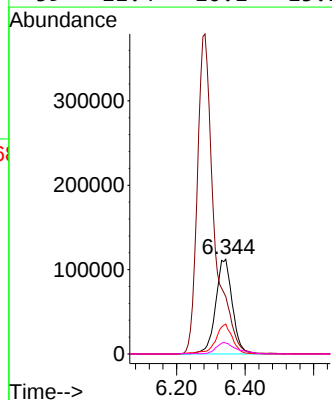
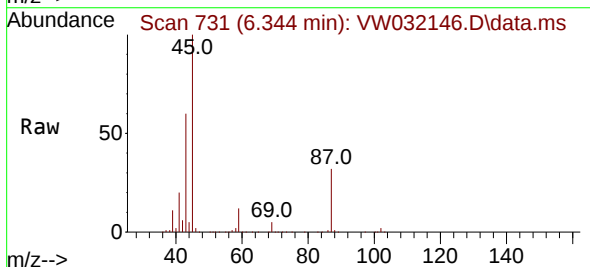
Instrument :
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ClientSampleId :
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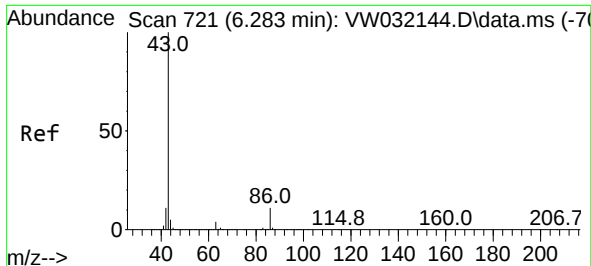
Tgt Ion: 96 Resp: 133792
Ion Ratio Lower Upper
96 100
61 124.3 112.5 168.7
98 65.1 54.2 81.4



#22
Diisopropyl ether
Concen: 49.029 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 45 Resp: 378823
Ion Ratio Lower Upper
45 100
43 60.3 51.4 77.2
87 31.5 25.9 38.9
59 11.4 10.1 15.1

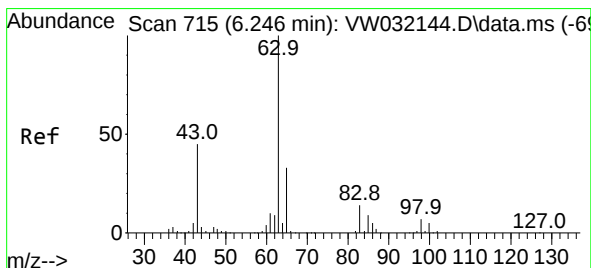
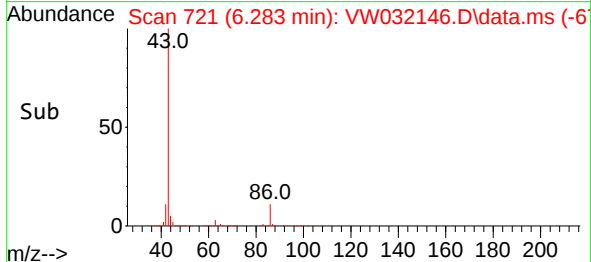
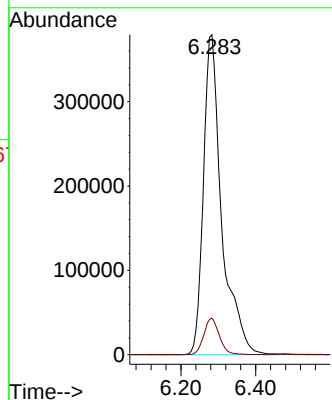
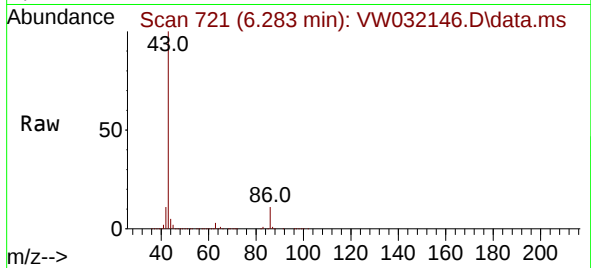




#23
 Vinyl Acetate
 Concen: 244.903 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

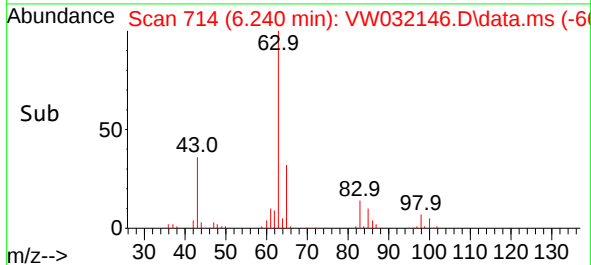
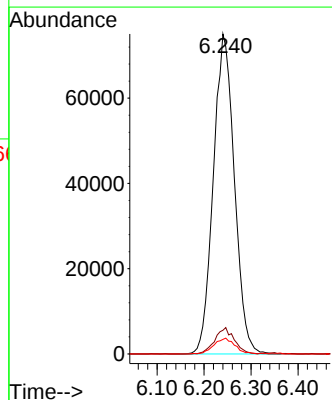
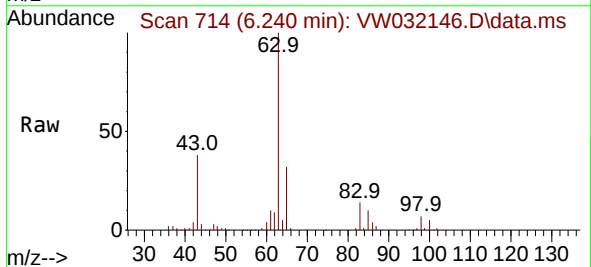
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

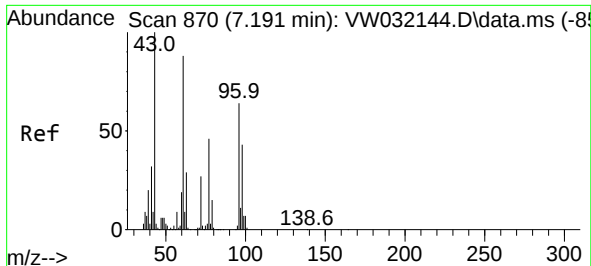
Tgt Ion: 43 Resp: 1286517
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 46.223 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Tgt Ion: 63 Resp: 233811
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.5 2.5 7.5

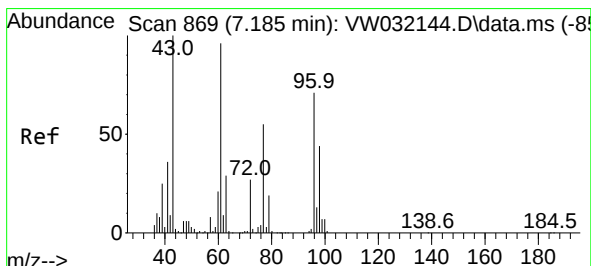
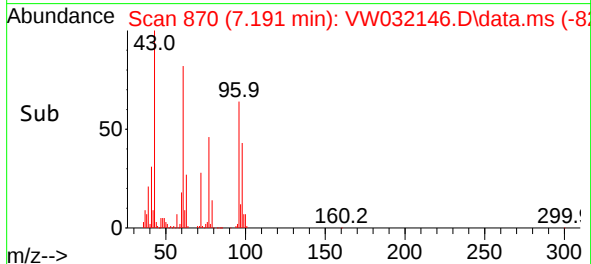
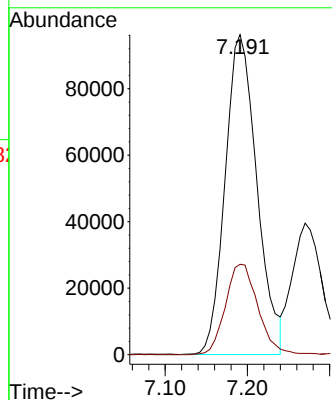
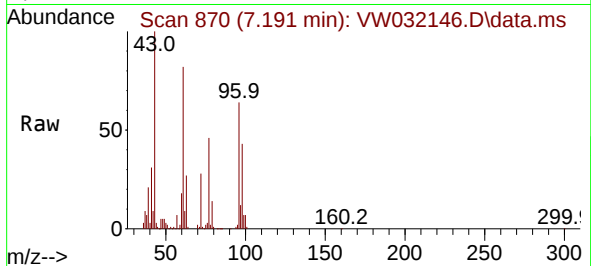




#25
2-Butanone
Concen: 248.853 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

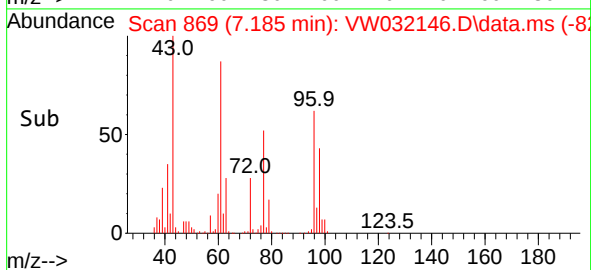
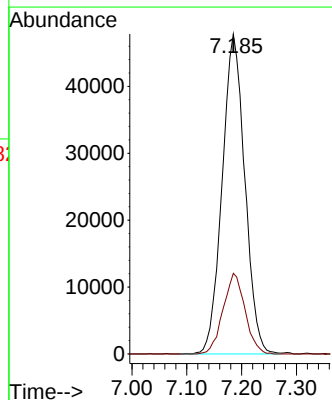
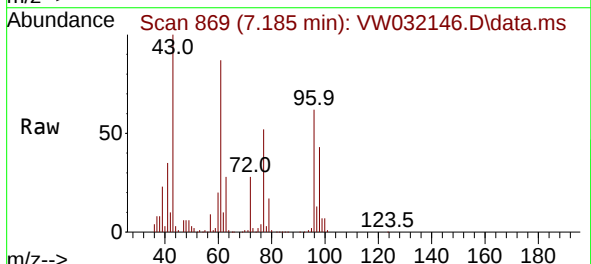
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

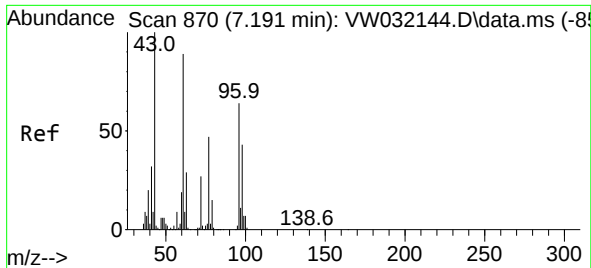
Tgt Ion: 43 Resp: 258276
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 51.190 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 77 Resp: 137122
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5

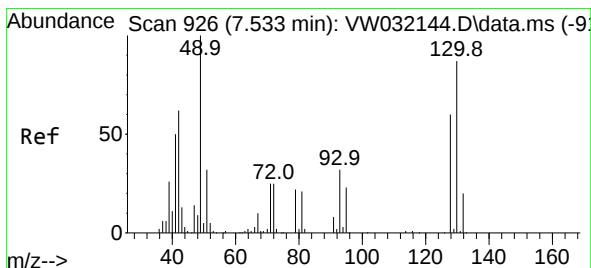
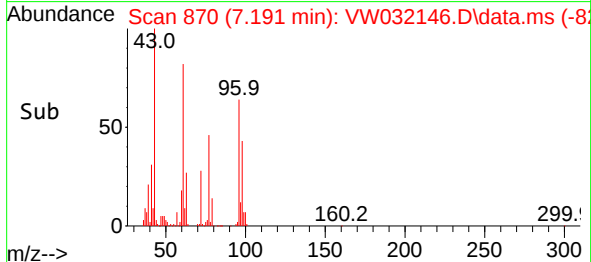
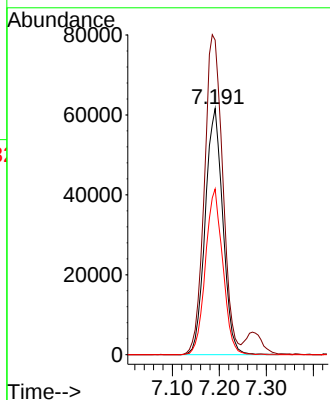
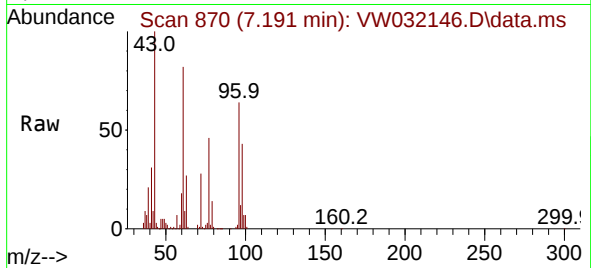




#27
 cis-1,2-Dichloroethene
 Concen: 47.237 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

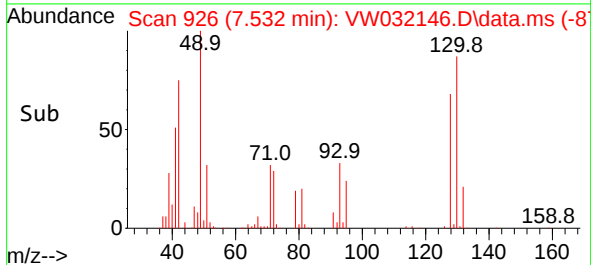
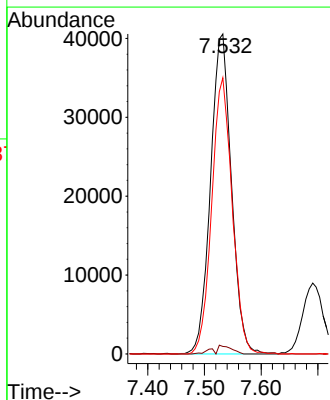
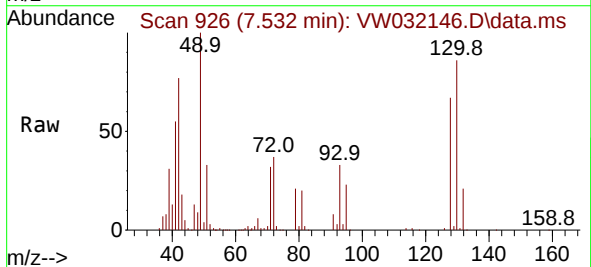
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

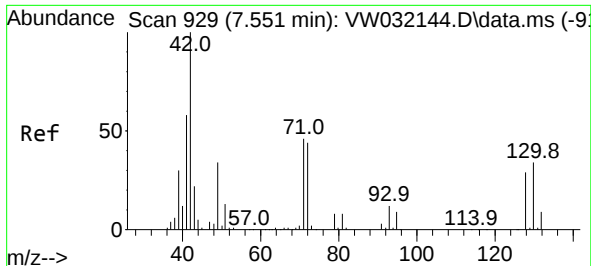
Tgt Ion: 96 Resp: 160482
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 268.0
 98 66.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 44.789 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Tgt Ion: 49 Resp: 103711
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 84.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 230.667 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

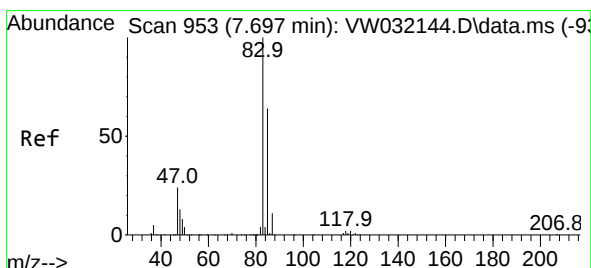
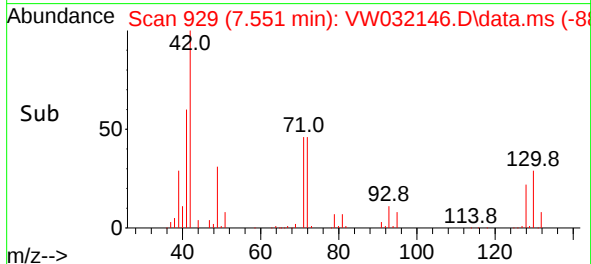
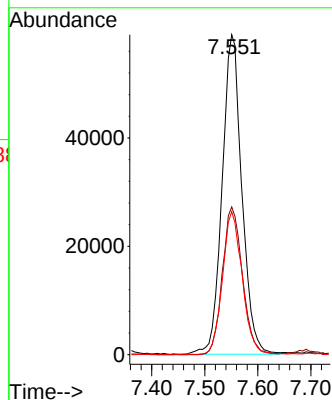
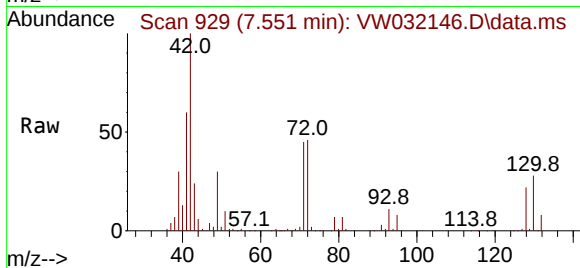
Tgt Ion: 42 Resp: 152131

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.2

71 44.8 36.0 54.0



#30

Chloroform

Concen: 47.122 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032146.D

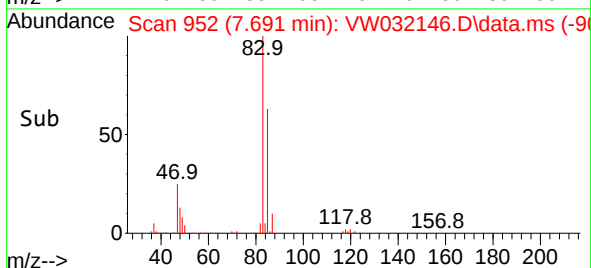
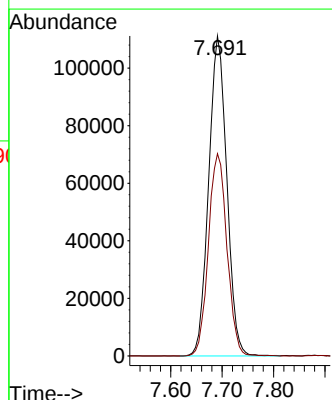
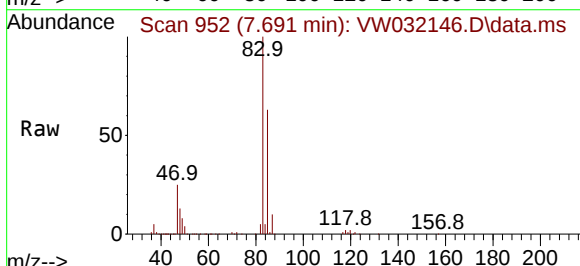
Acq: 26 Aug 2025 13:55

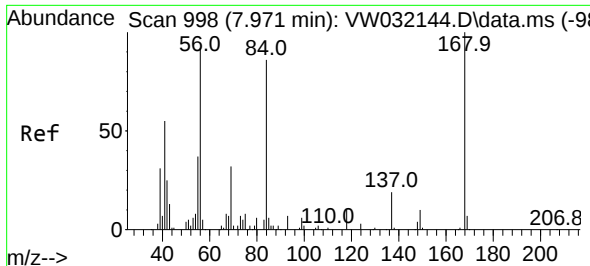
Tgt Ion: 83 Resp: 272139

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

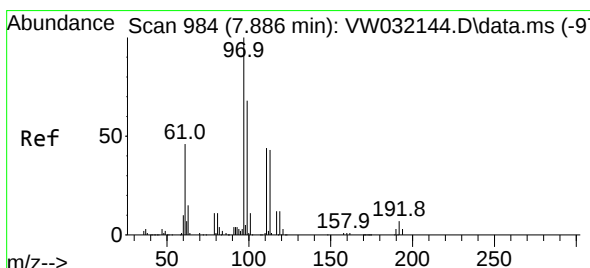
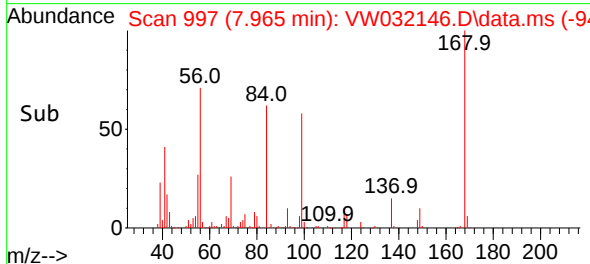
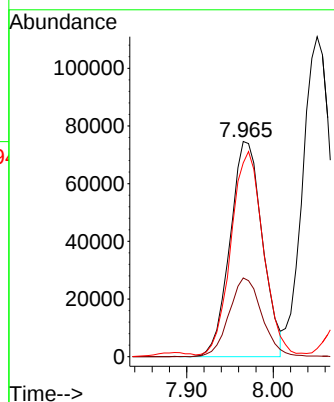
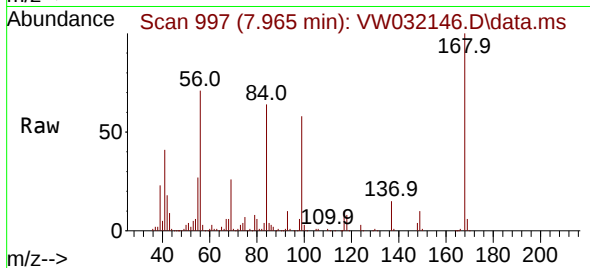




#31
Cyclohexane
Concen: 46.650 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

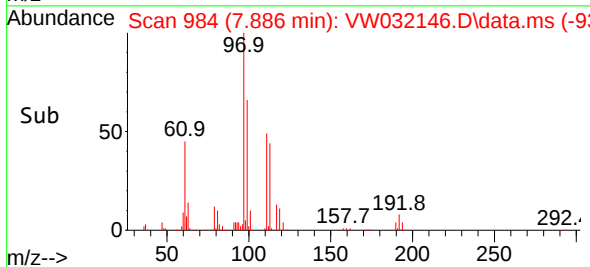
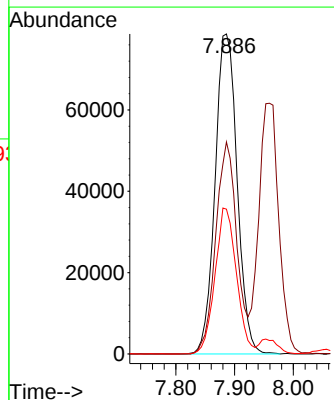
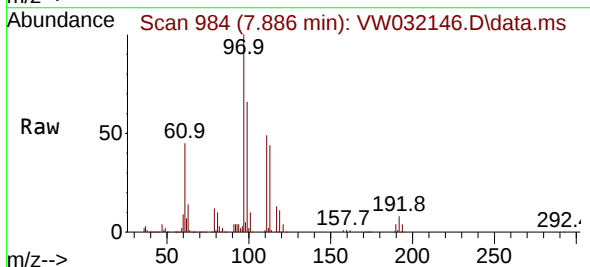
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

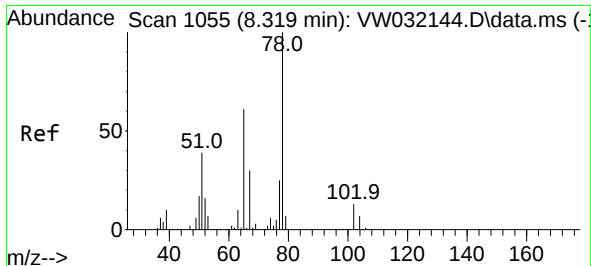
Tgt Ion: 56 Resp: 193679
Ion Ratio Lower Upper
56 100
69 36.5 27.7 41.5
84 88.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 48.756 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 97 Resp: 205549
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 44.4 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 41.992 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

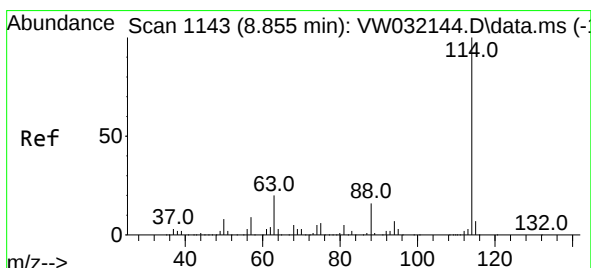
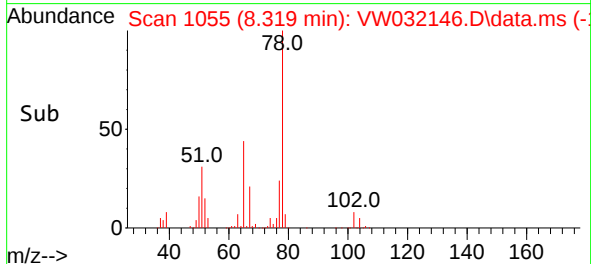
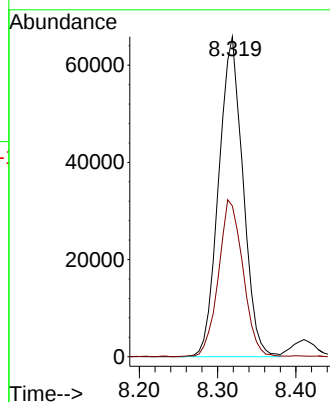
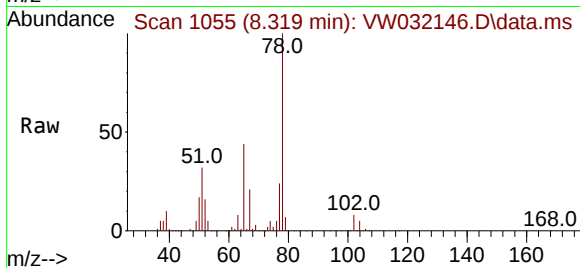
ICVW082625

Tgt Ion: 65 Resp: 142013

Ion Ratio Lower Upper

65 100

67 49.6 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

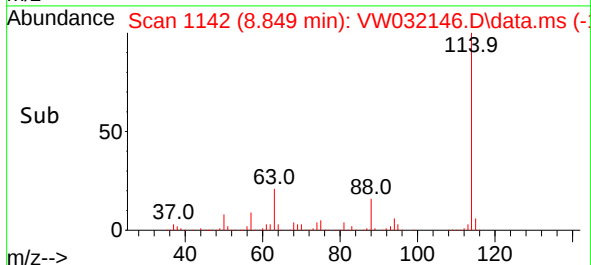
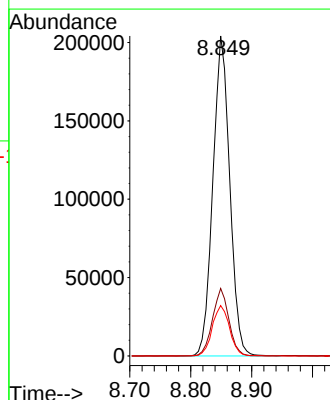
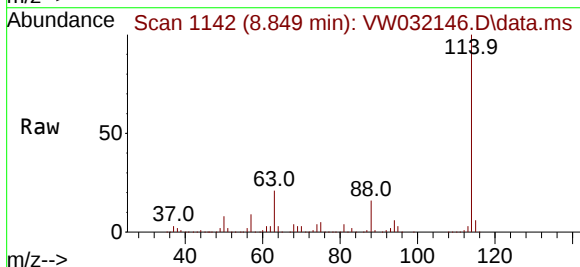
Tgt Ion: 114 Resp: 392388

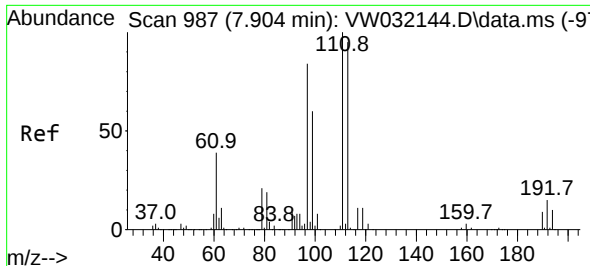
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

88 15.7 0.0 32.0

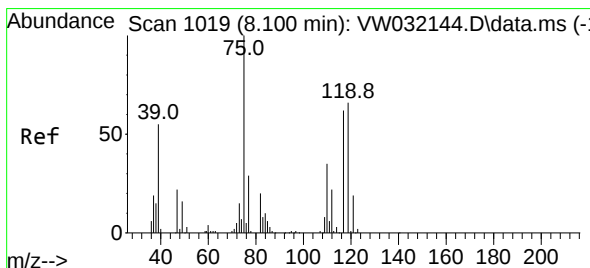
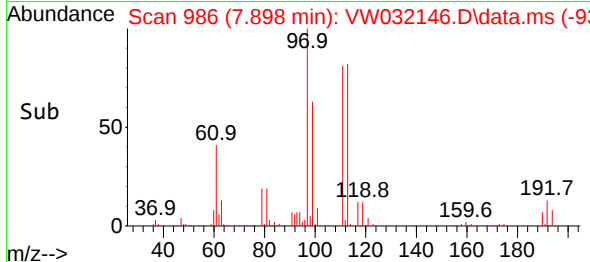
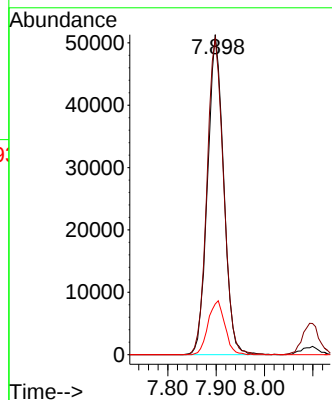
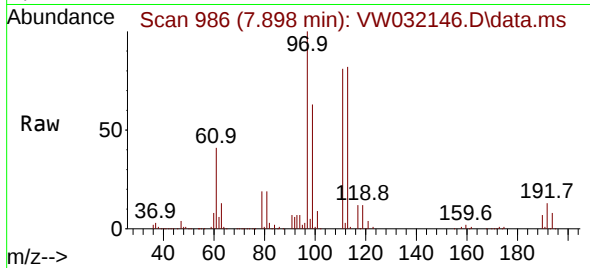




#35
 Dibromofluoromethane
 Concen: 43.264 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

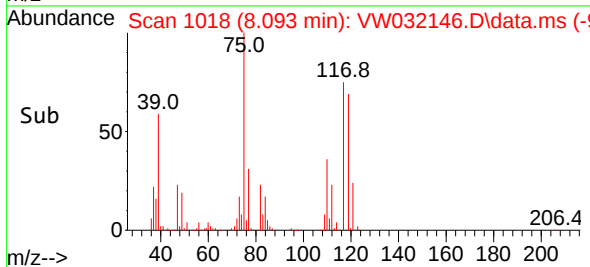
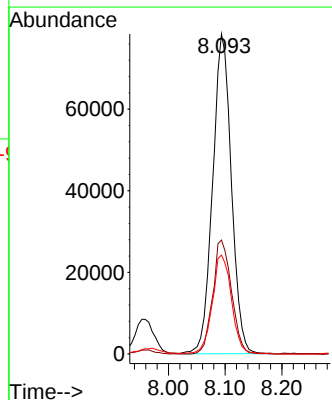
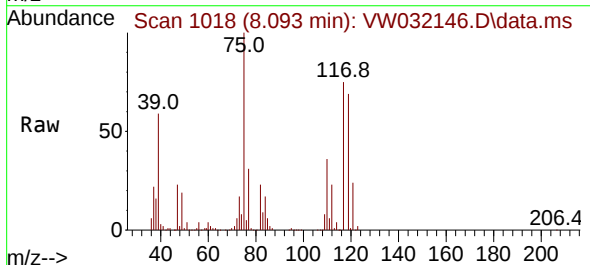
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

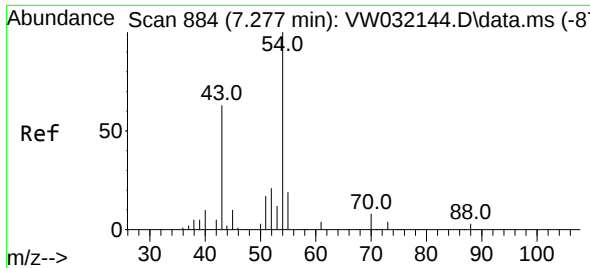
Tgt Ion:113 Resp: 119103
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.9 125.9
 192 17.5 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 50.360 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 179756
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.5 52.5
 77 31.7 24.1 36.1

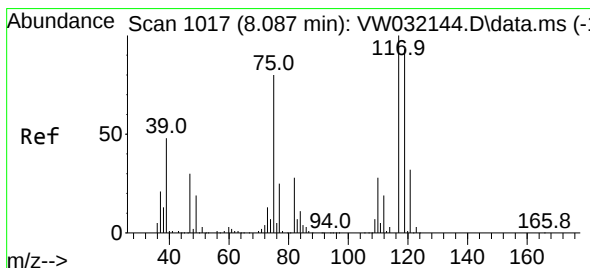
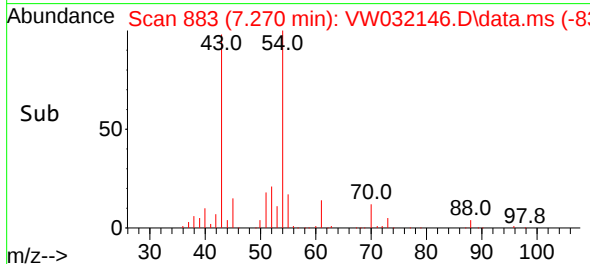
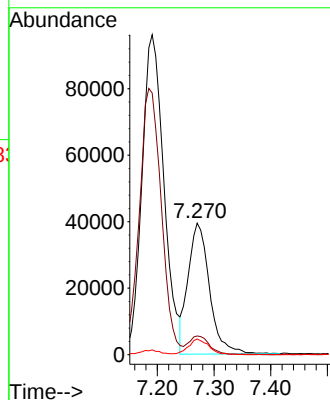
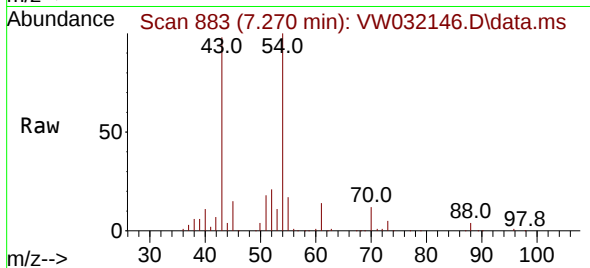




#37
Ethyl Acetate
Concen: 48.241 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

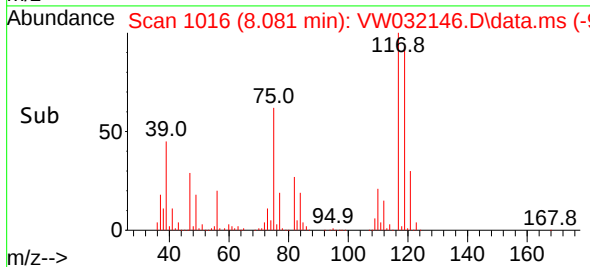
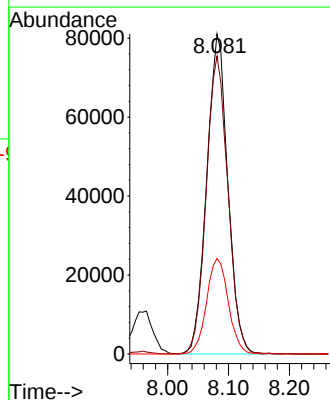
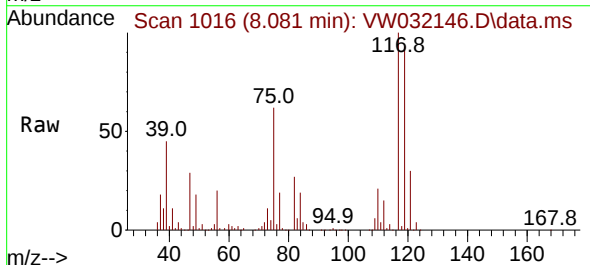
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

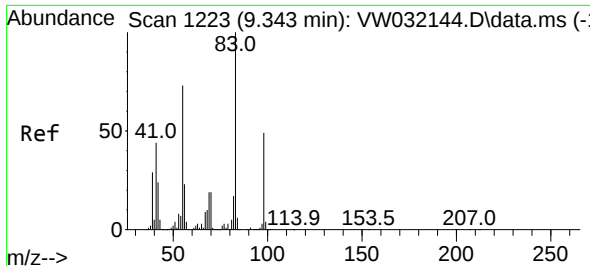
Tgt Ion: 43 Resp: 103297
Ion Ratio Lower Upper
43 100
61 13.2 11.3 16.9
70 11.5 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.066 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 117 Resp: 195403
Ion Ratio Lower Upper
117 100
119 93.0 74.2 111.2
121 29.9 25.6 38.4





#39

Methylcyclohexane

Concen: 54.492 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

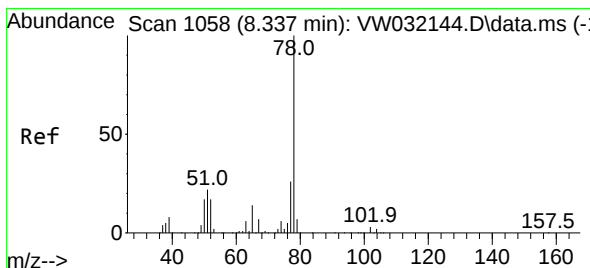
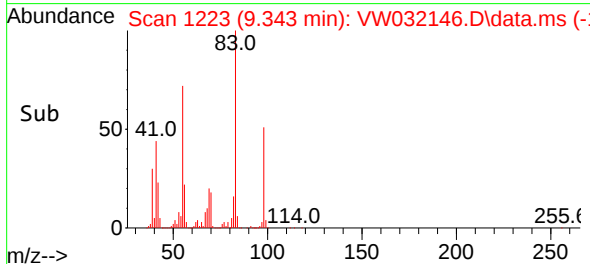
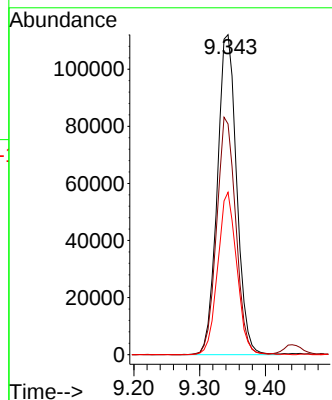
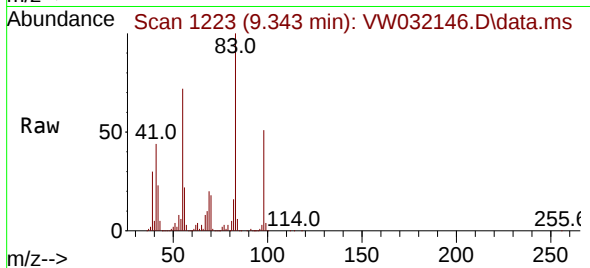
Tgt Ion: 83 Resp: 230384

Ion Ratio Lower Upper

83 100

55 72.1 58.4 87.6

98 50.7 39.4 59.2



#40

Benzene

Concen: 49.427 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032146.D

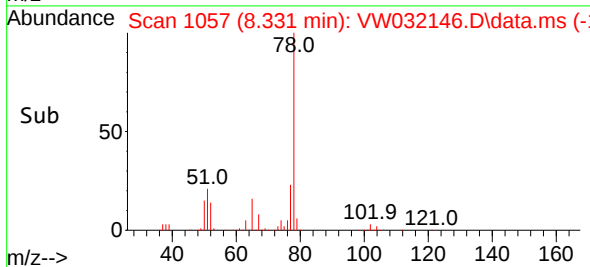
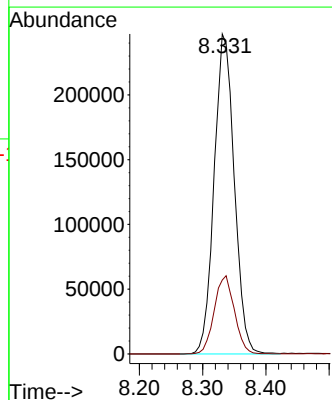
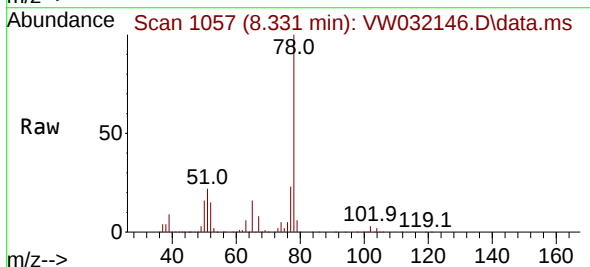
Acq: 26 Aug 2025 13:55

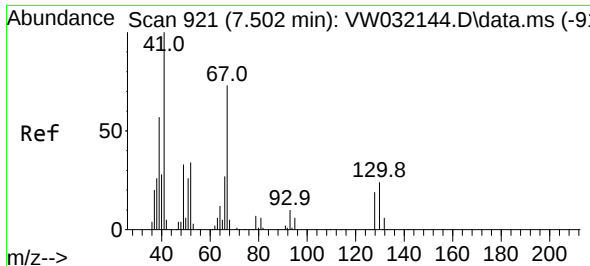
Tgt Ion: 78 Resp: 545356

Ion Ratio Lower Upper

78 100

77 23.1 20.7 31.1

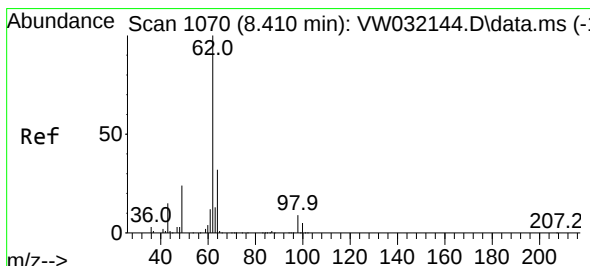
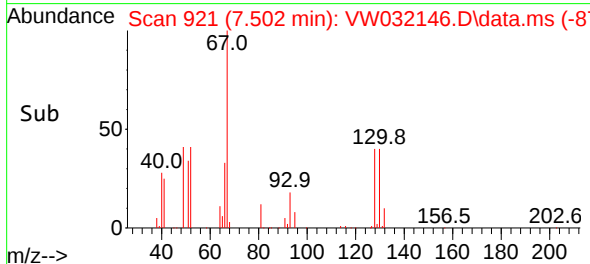
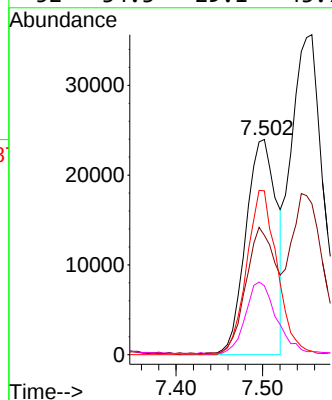
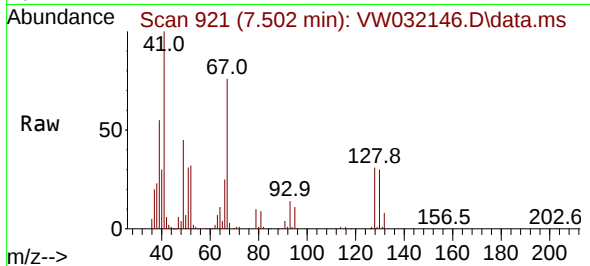




#41
Methacrylonitrile
Concen: 49.922 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

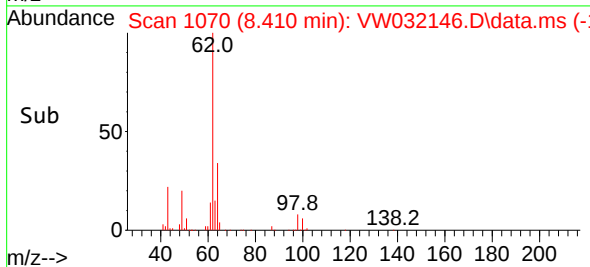
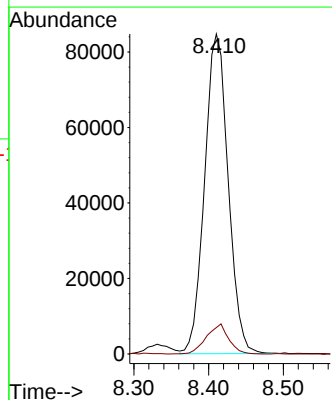
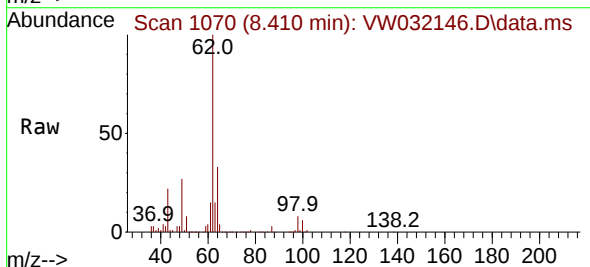
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

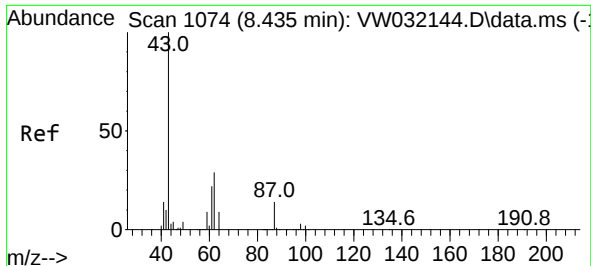
Tgt Ion:	41	Resp:	59390
Ion	Ratio	Lower	Upper
41	100		
39	57.1	50.9	76.3
67	75.5	65.6	98.4
52	34.3	29.1	43.7



#42
1,2-Dichloroethane
Concen: 48.444 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:	62	Resp:	185296
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

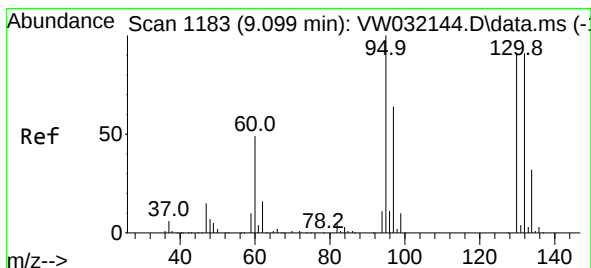
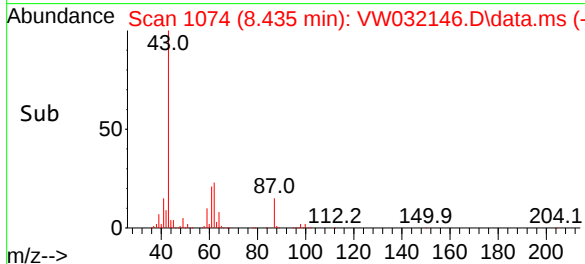
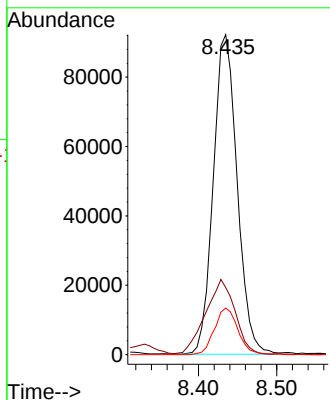
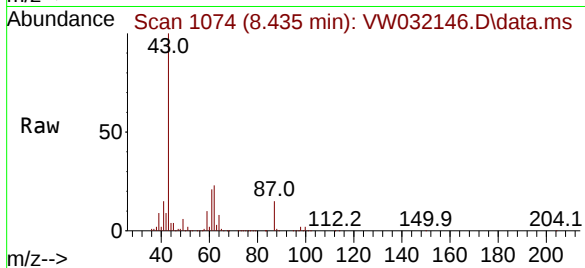




#43
Isopropyl Acetate
Concen: 48.555 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

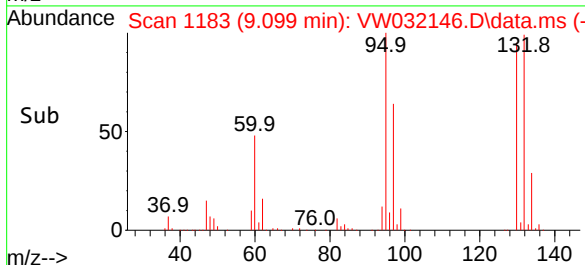
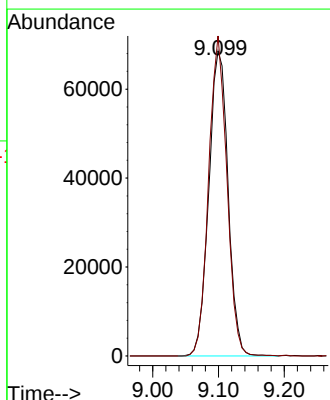
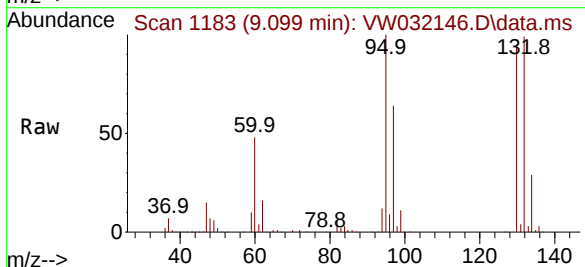
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

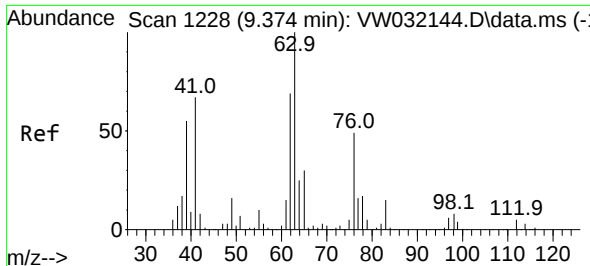
Tgt Ion: 43 Resp: 195050
Ion Ratio Lower Upper
43 100
61 28.8 23.3 34.9
87 14.5 11.1 16.7



#44
Trichloroethene
Concen: 50.438 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 130 Resp: 139951
Ion Ratio Lower Upper
130 100
95 104.9 0.0 220.0

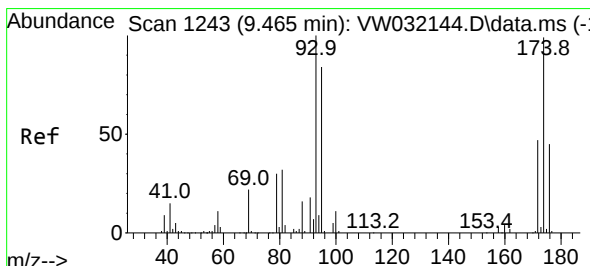
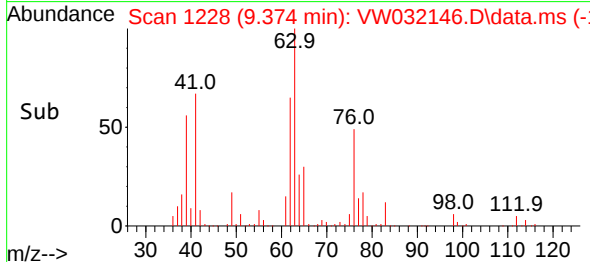
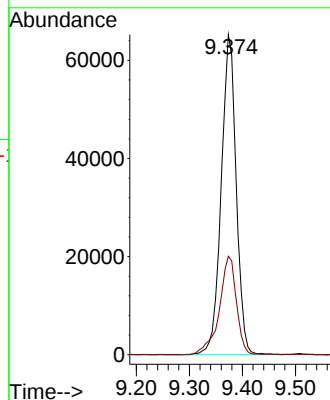
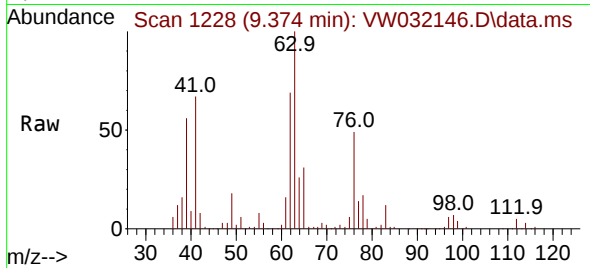




#45
1,2-Dichloropropane
Concen: 48.110 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

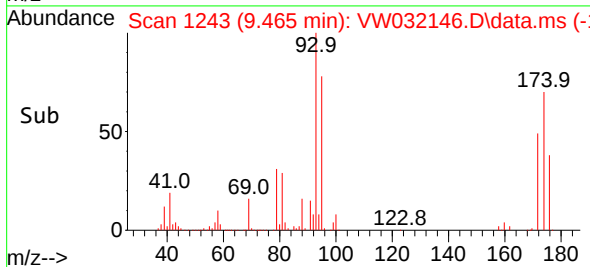
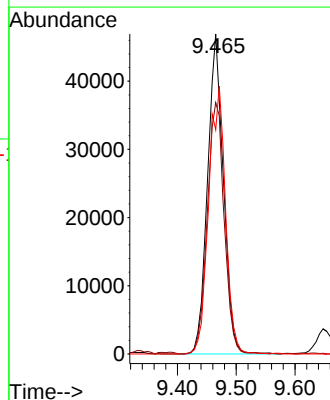
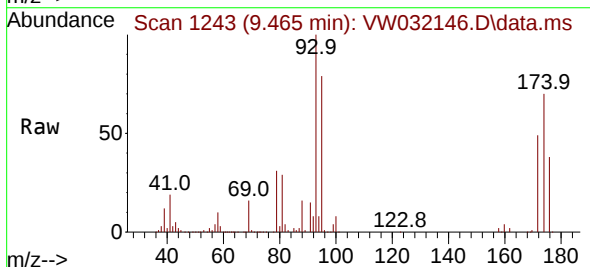
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

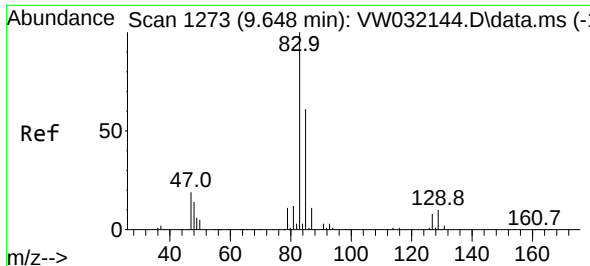
Tgt Ion: 63 Resp: 127962
Ion Ratio Lower Upper
63 100
65 30.8 24.3 36.5



#46
Dibromomethane
Concen: 47.269 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 93 Resp: 88183
Ion Ratio Lower Upper
93 100
95 83.7 67.4 101.2
174 88.9 75.7 113.5

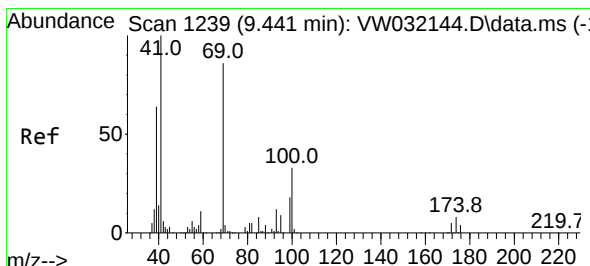
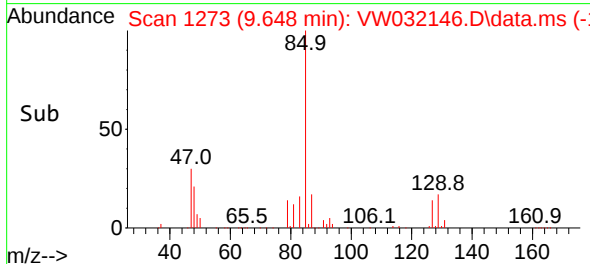
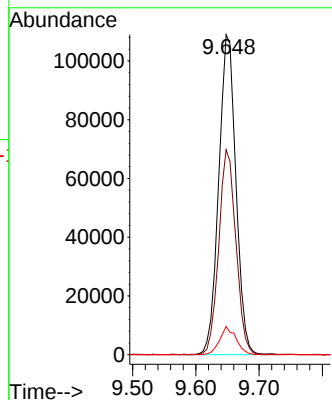
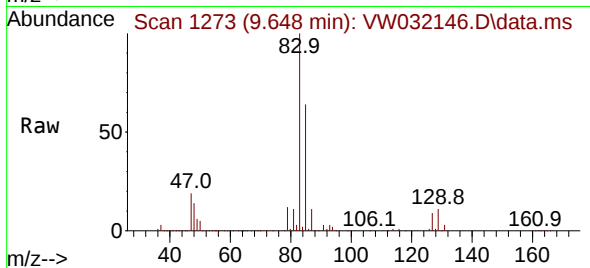




#47
Bromodichloromethane
Concen: 48.496 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

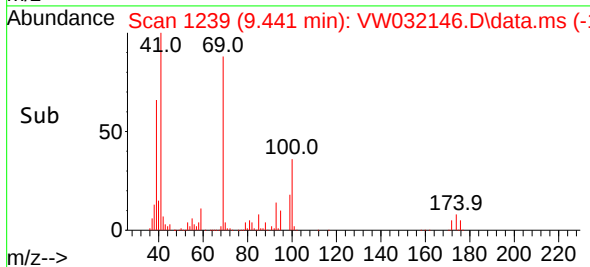
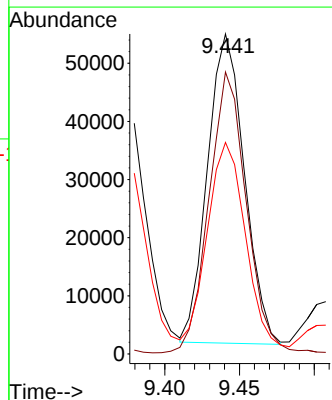
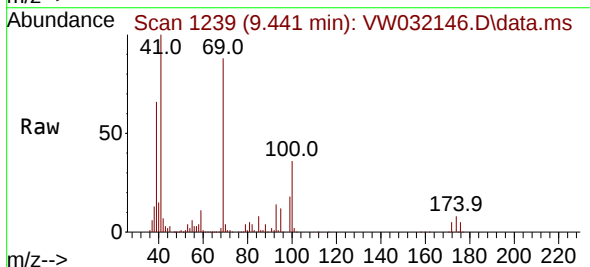
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

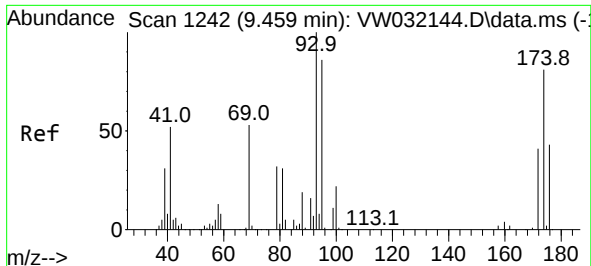
Tgt Ion: 83 Resp: 205595
Ion Ratio Lower Upper
83 100
85 64.0 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 49.232 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 41 Resp: 91140
Ion Ratio Lower Upper
41 100
69 93.2 71.5 107.3
39 67.3 55.9 83.9





#49

1,4-Dioxane

Concen: 1060.060 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

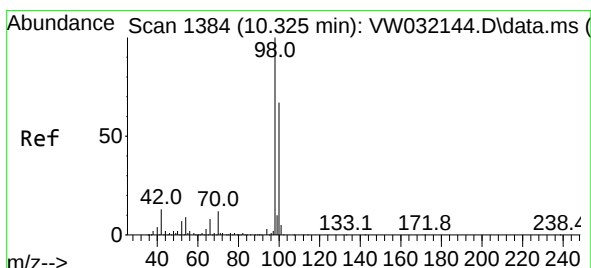
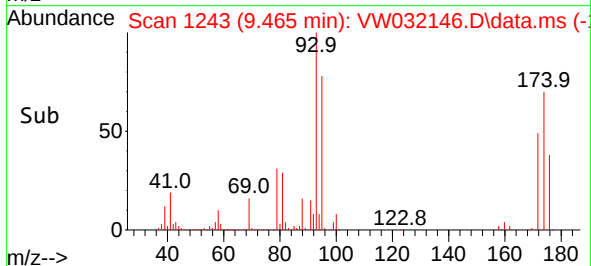
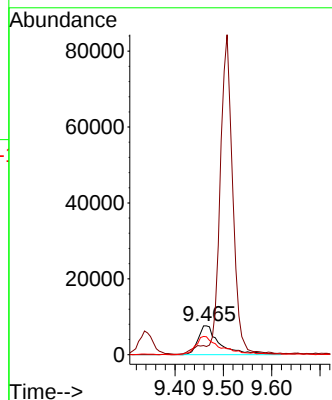
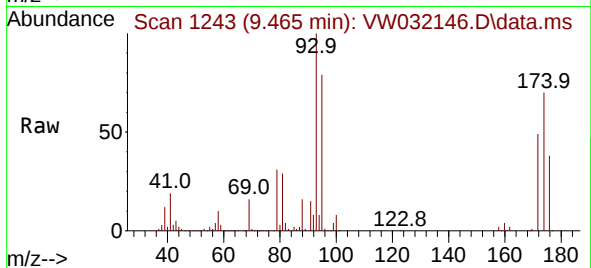
Tgt Ion: 88 Resp: 23894

Ion Ratio Lower Upper

88 100

43 20.4 18.0 27.0

58 70.7 55.4 83.0



#50

Toluene-d8

Concen: 45.510 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032146.D

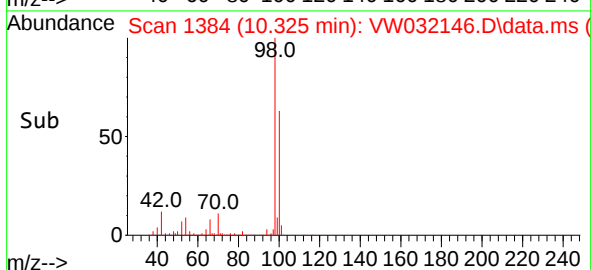
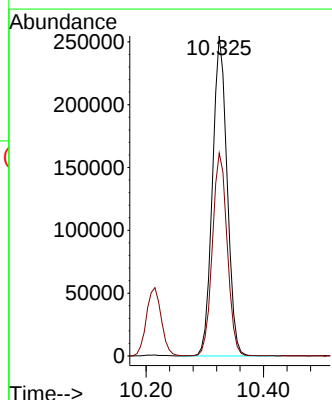
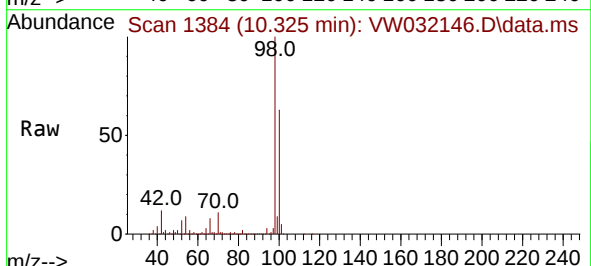
Acq: 26 Aug 2025 13:55

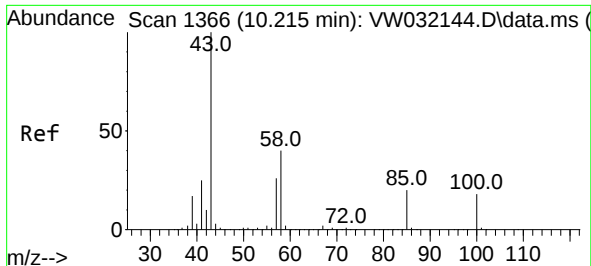
Tgt Ion: 98 Resp: 439822

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

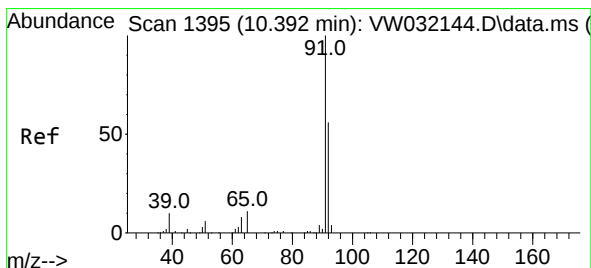
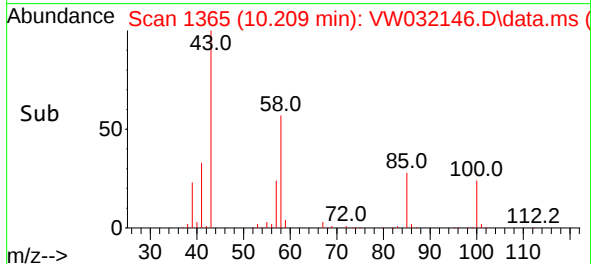
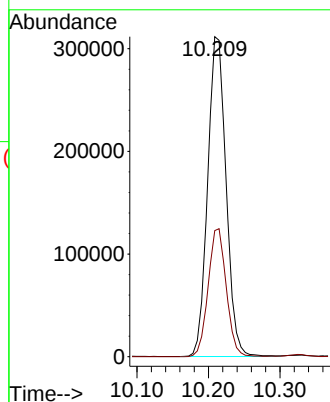
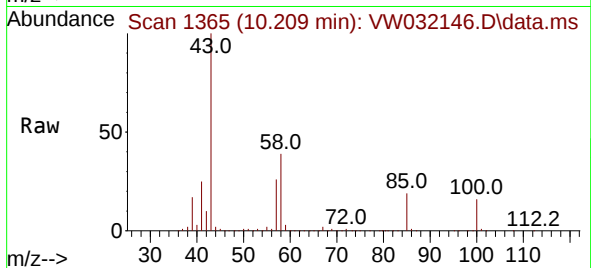




#51
4-Methyl-2-Pentanone
Concen: 246.021 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

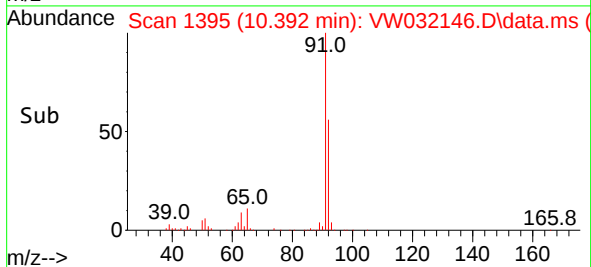
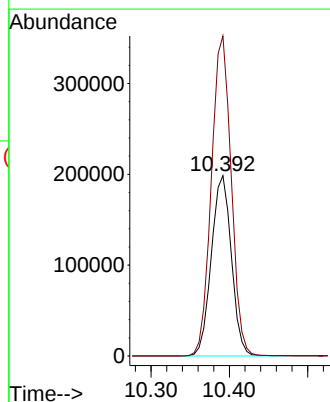
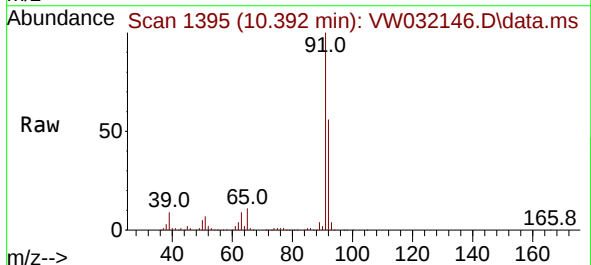
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

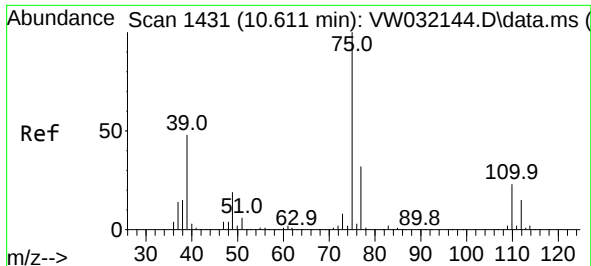
Tgt Ion: 43 Resp: 558035
Ion Ratio Lower Upper
43 100
58 39.5 32.0 48.0



#52
Toluene
Concen: 48.788 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 92 Resp: 351771
Ion Ratio Lower Upper
92 100
91 176.0 137.5 206.3

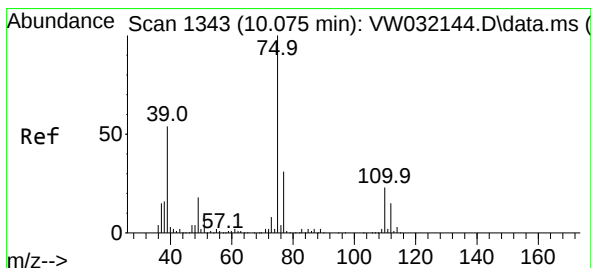
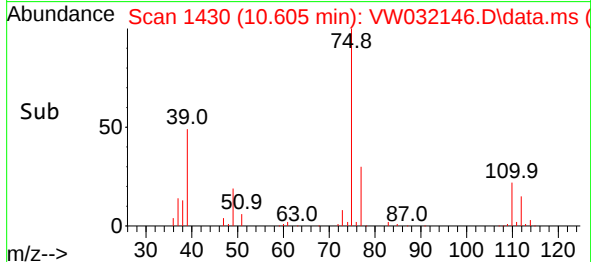
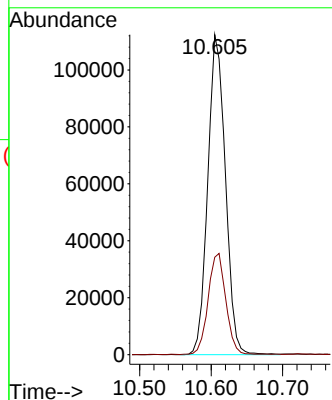
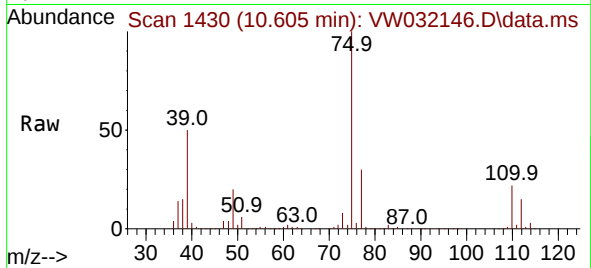




#53
 t-1,3-Dichloropropene
 Concen: 51.459 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

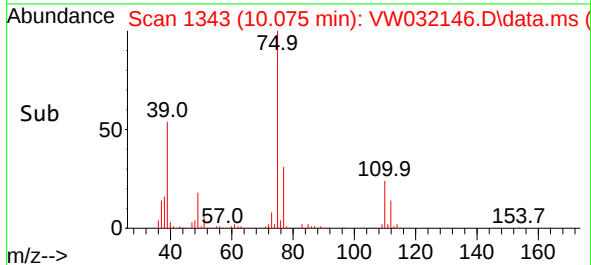
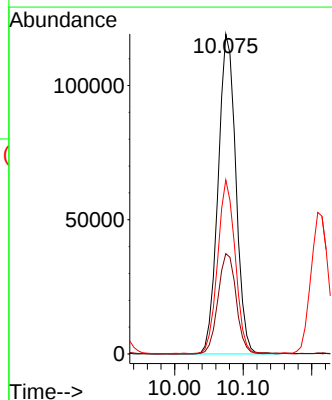
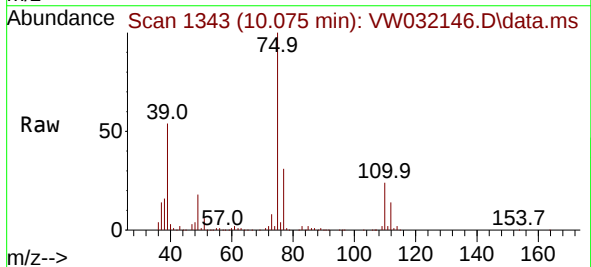
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

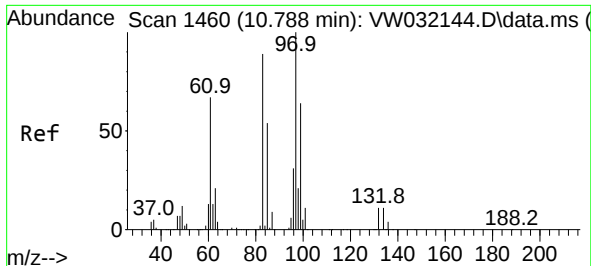
Tgt Ion: 75 Resp: 192451
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.066 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 213648
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 54.2 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 45.940 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

Tgt Ion: 97 Resp: 111445

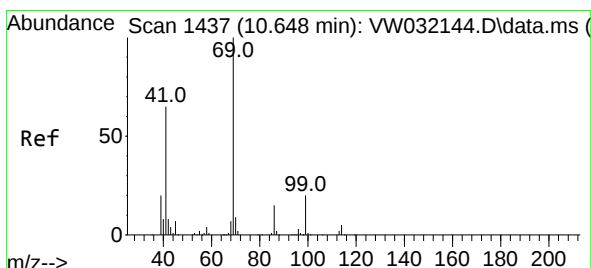
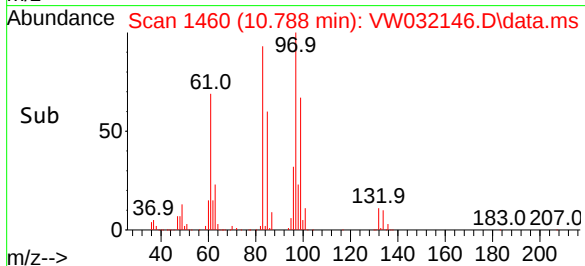
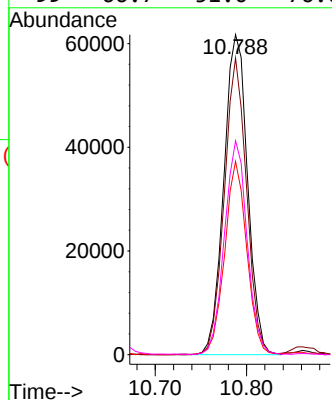
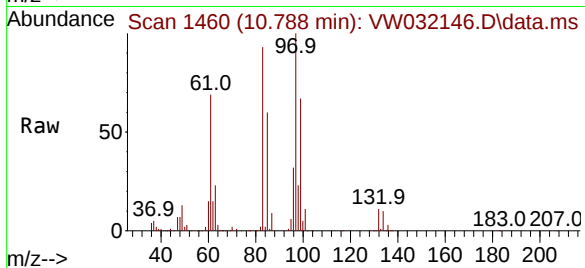
Ion Ratio Lower Upper

97 100

83 92.6 71.0 106.6

85 60.4 42.8 64.2

99 66.7 51.0 76.6



#56

Ethyl methacrylate

Concen: 51.392 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

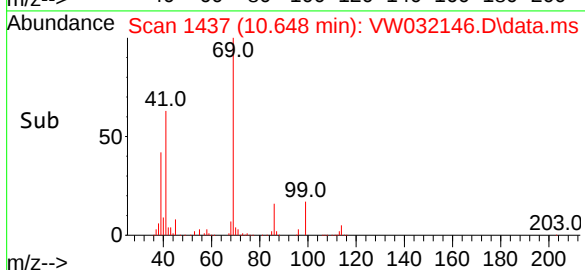
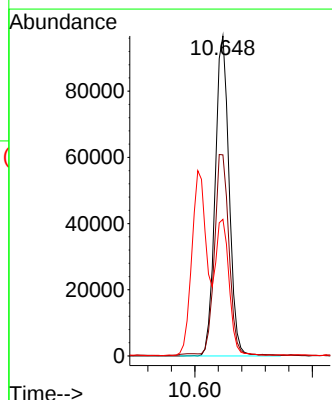
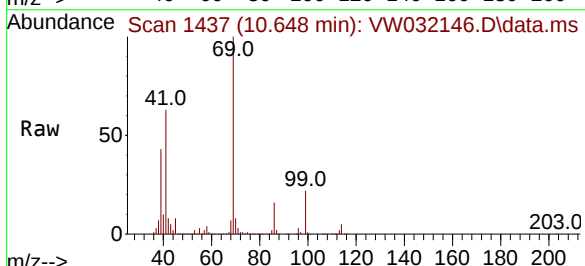
Tgt Ion: 69 Resp: 159388

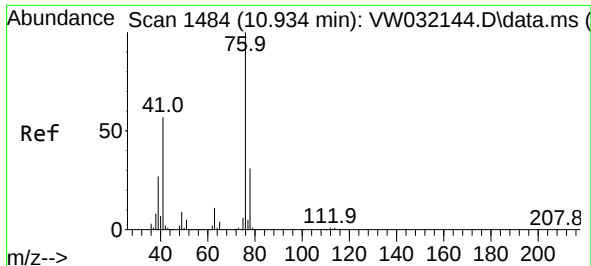
Ion Ratio Lower Upper

69 100

41 64.6 53.2 79.8

39 39.9 32.9 49.3





#57

1,3-Dichloropropane

Concen: 48.602 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

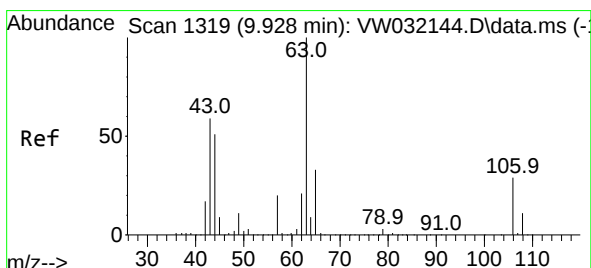
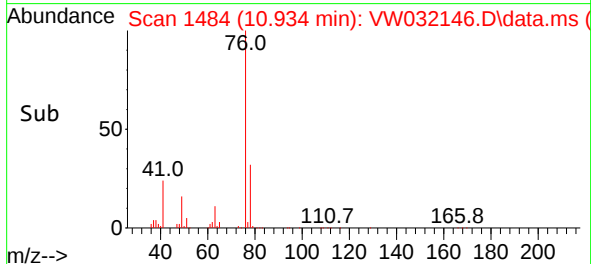
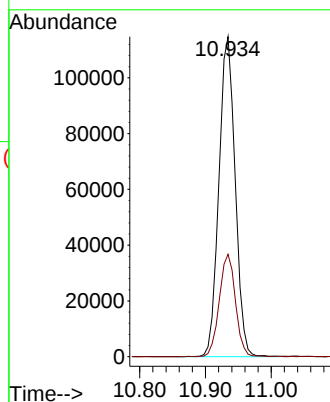
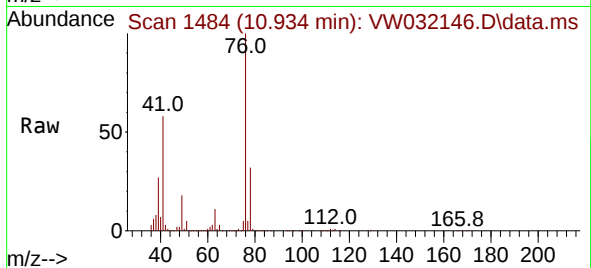
ICVVW082625

Tgt Ion: 76 Resp: 197423

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 232.934 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032146.D

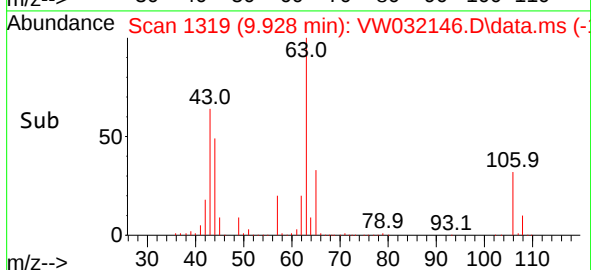
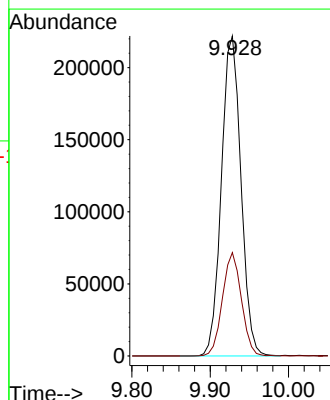
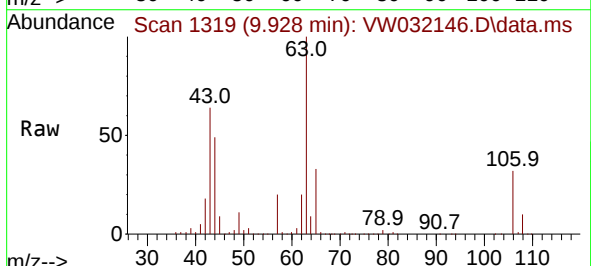
Acq: 26 Aug 2025 13:55

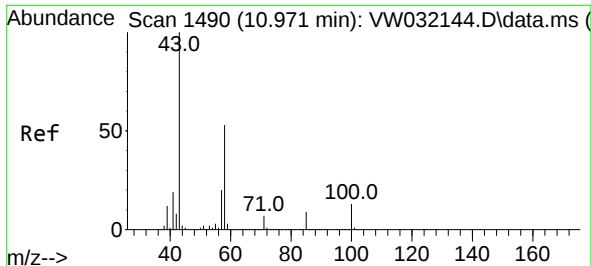
Tgt Ion: 63 Resp: 385600

Ion Ratio Lower Upper

63 100

106 31.3 24.3 36.5

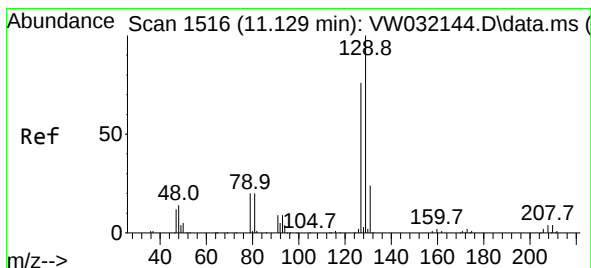
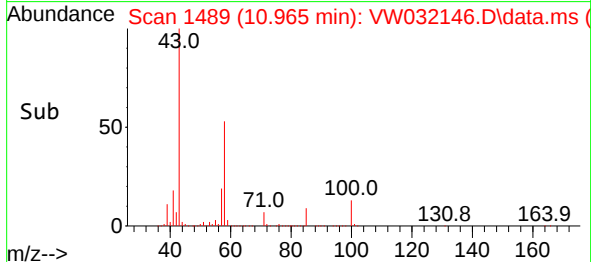
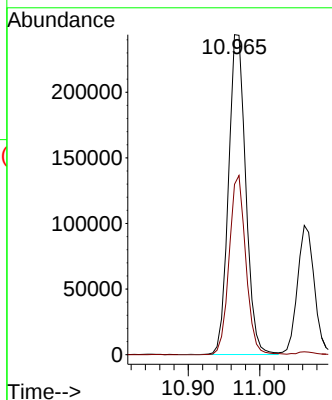
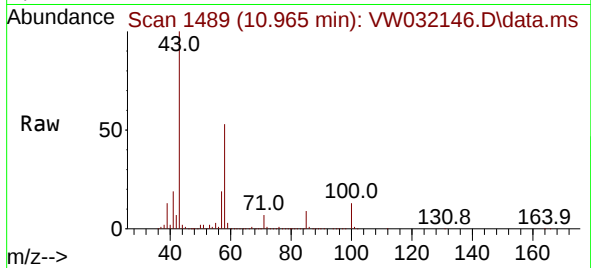




#59
2-Hexanone
Concen: 258.687 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

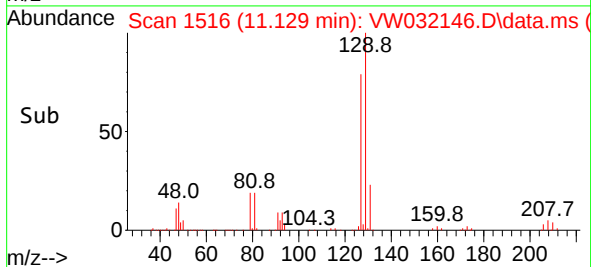
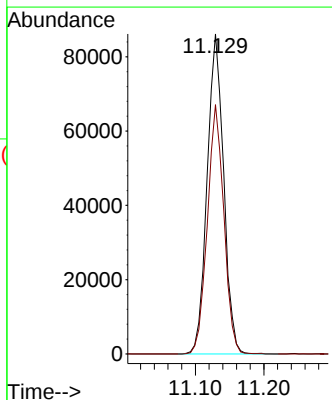
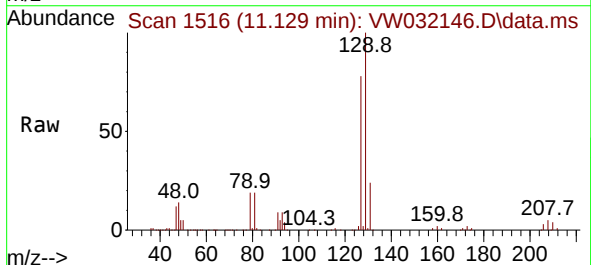
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

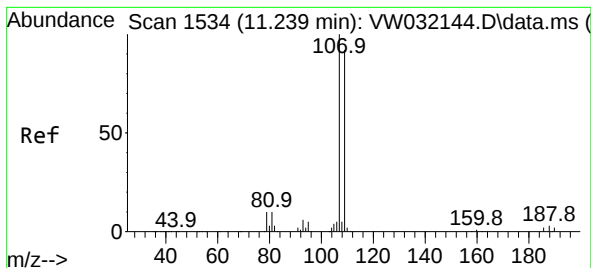
Tgt Ion: 43 Resp: 408079
Ion Ratio Lower Upper
43 100
58 54.2 27.5 82.4



#60
Dibromochloromethane
Concen: 49.161 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 129 Resp: 144311
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5

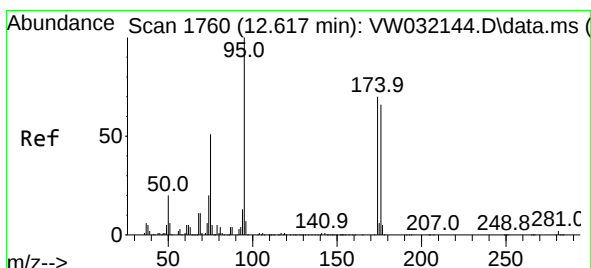
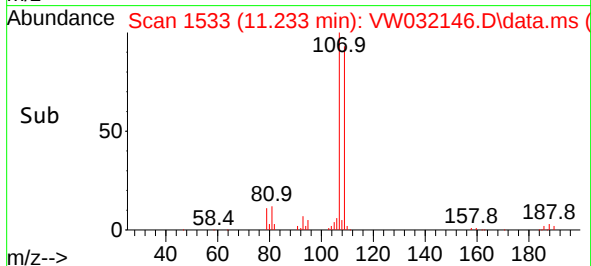
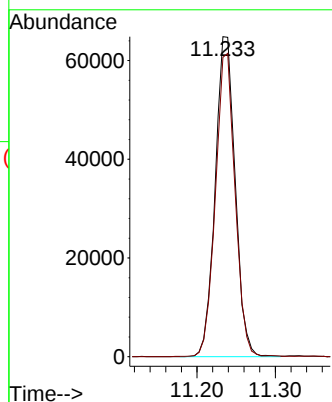
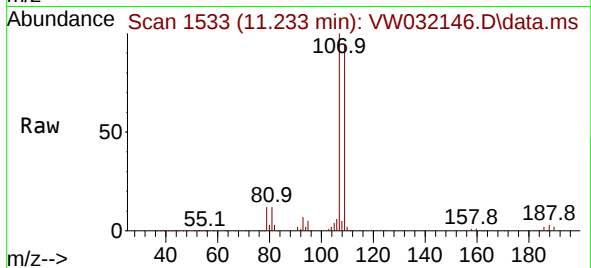




#61
1,2-Dibromoethane
Concen: 48.223 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

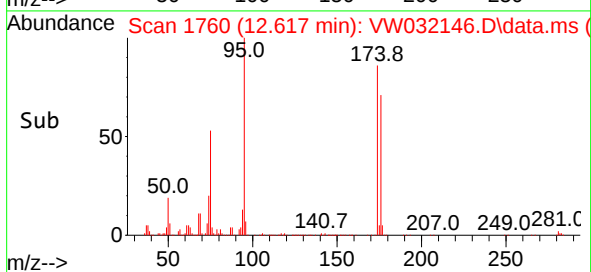
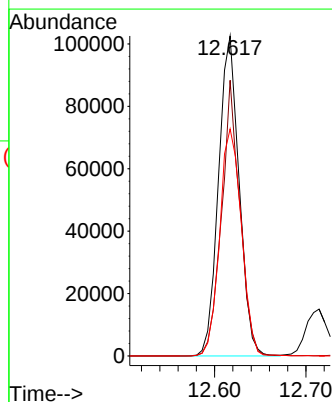
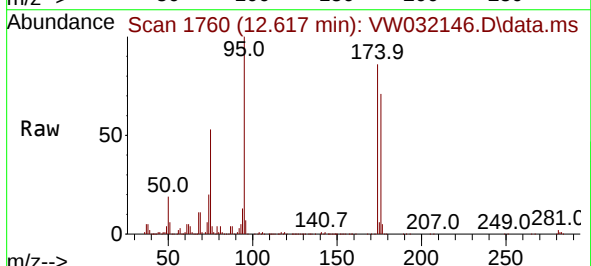
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

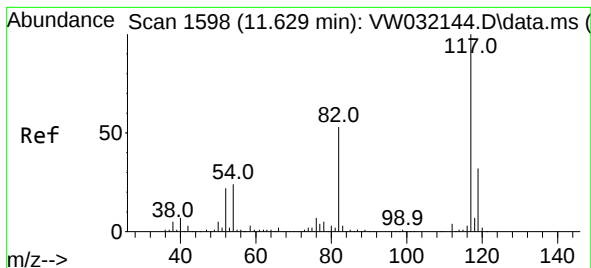
Tgt Ion:107 Resp: 115042
Ion Ratio Lower Upper
107 100
109 93.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 95 Resp: 160725
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.6
176 74.9 0.0 140.8

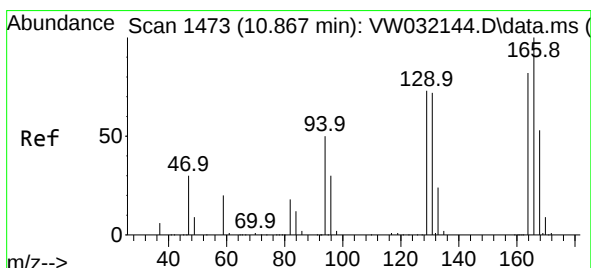
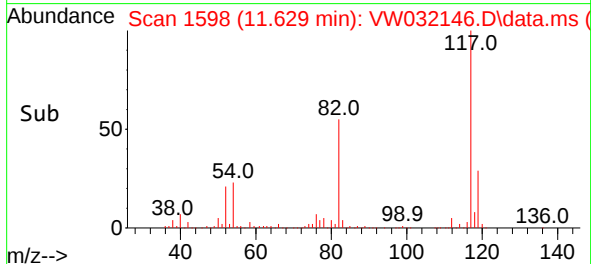
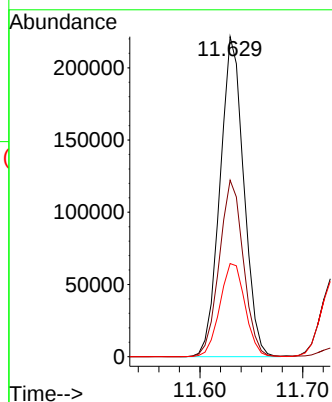
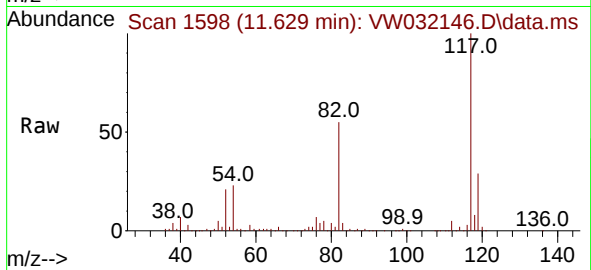




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

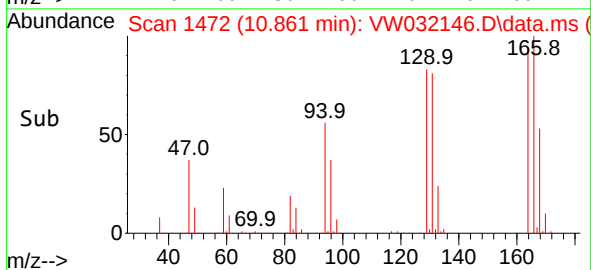
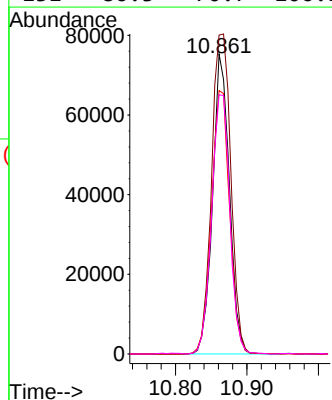
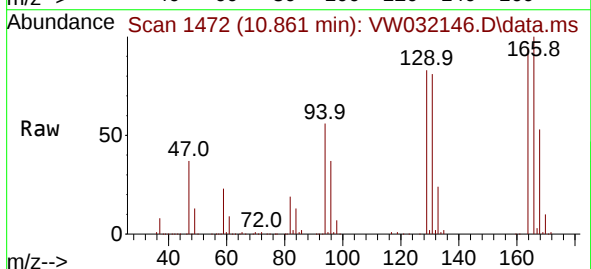
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

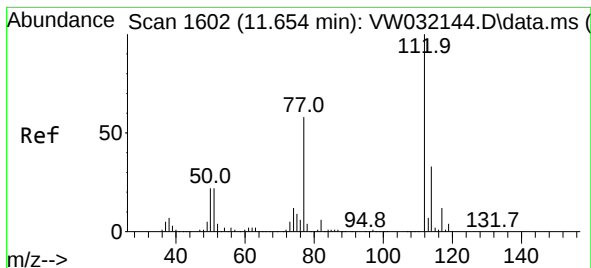
Tgt Ion:117 Resp: 355176
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 29.1 25.2 37.8



#64
Tetrachloroethene
Concen: 52.531 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:164 Resp: 122798
Ion Ratio Lower Upper
164 100
166 106.3 97.5 146.3
129 87.8 71.2 106.8
131 86.3 70.7 106.1





#65

Chlorobenzene

Concen: 48.501 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

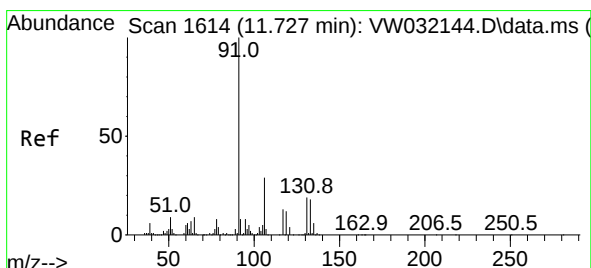
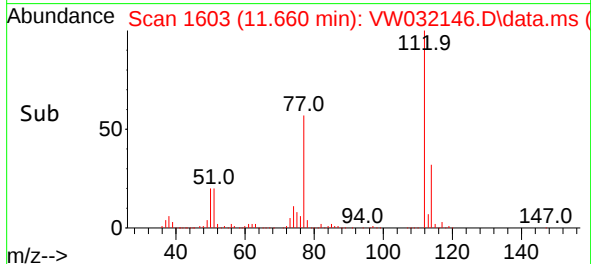
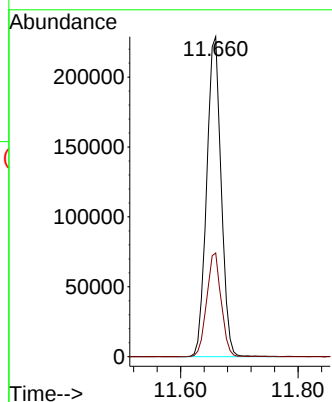
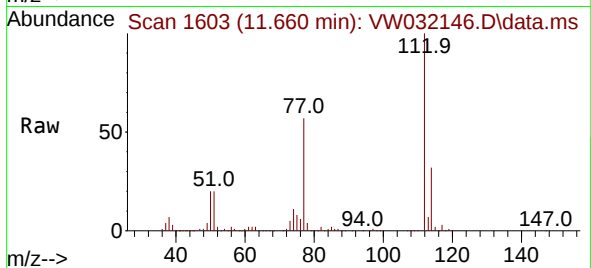
ICVW082625

Tgt Ion:112 Resp: 392099

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 50.593 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

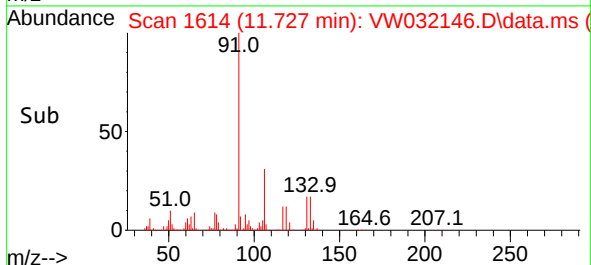
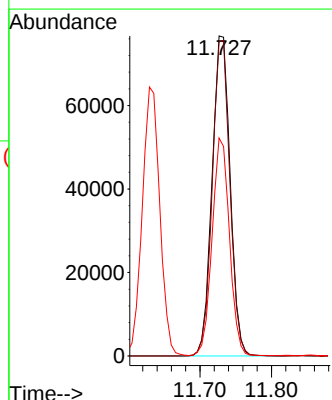
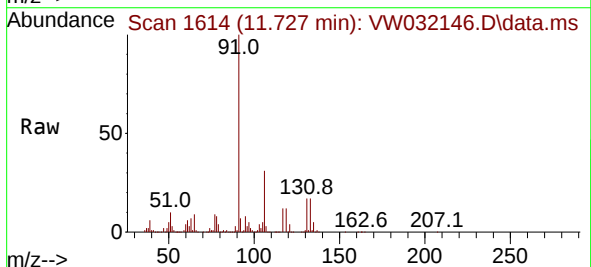
Tgt Ion:131 Resp: 134657

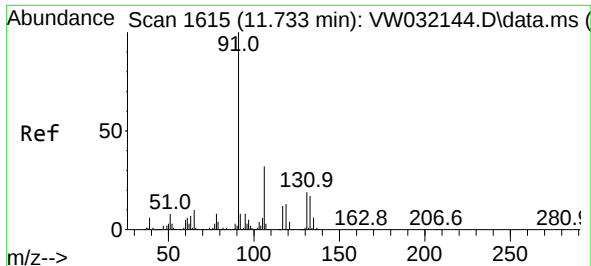
Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

119 65.2 32.8 98.3





#67

Ethyl Benzene

Concen: 53.267 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

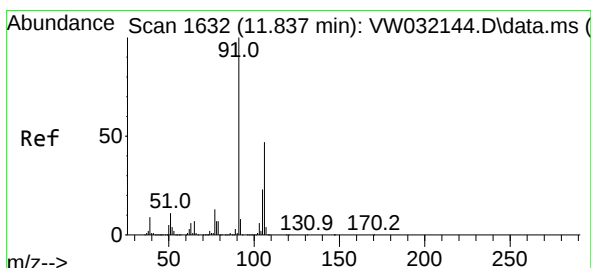
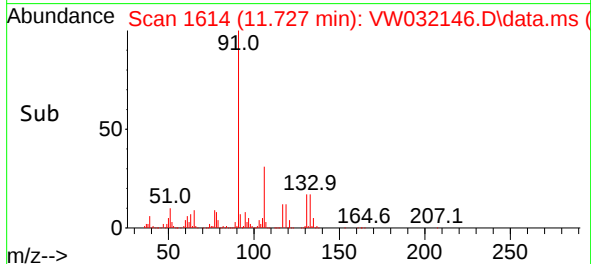
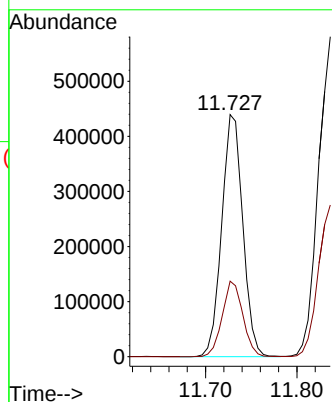
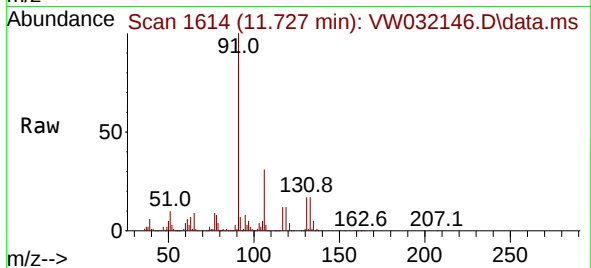
ICVW082625

Tgt Ion: 91 Resp: 705560

Ion Ratio Lower Upper

91 100

106 31.2 25.3 37.9



#68

m/p-Xylenes

Concen: 104.945 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032146.D

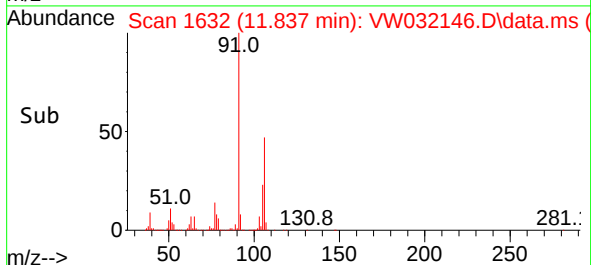
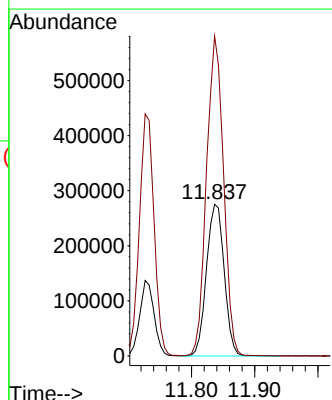
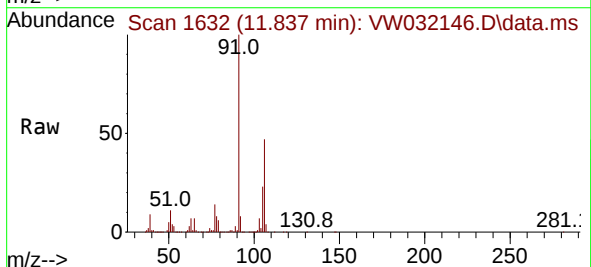
Acq: 26 Aug 2025 13:55

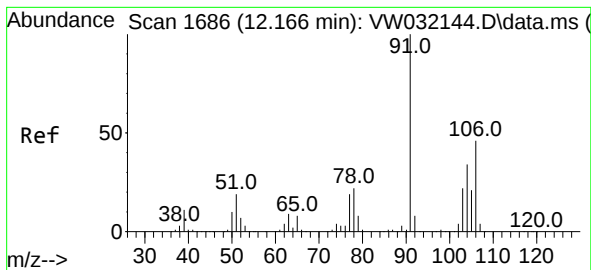
Tgt Ion:106 Resp: 534982

Ion Ratio Lower Upper

106 100

91 203.7 164.2 246.2





#69

o-Xylene

Concen: 53.311 ug/l

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

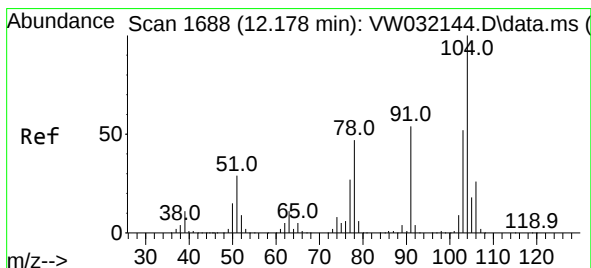
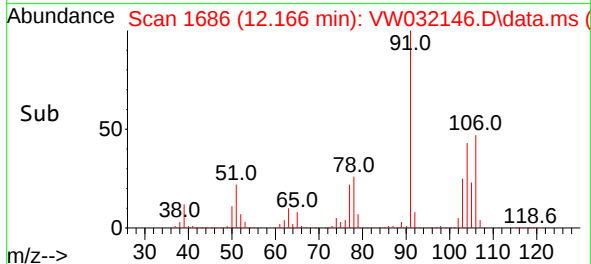
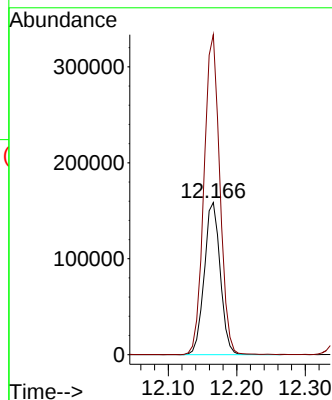
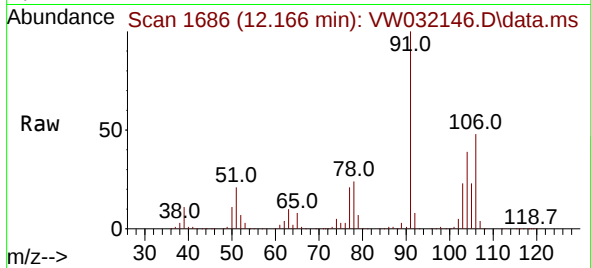
ICVVW082625

Tgt Ion:106 Resp: 257061

Ion Ratio Lower Upper

106 100

91 208.7 108.7 326.3



#70

Styrene

Concen: 52.371 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

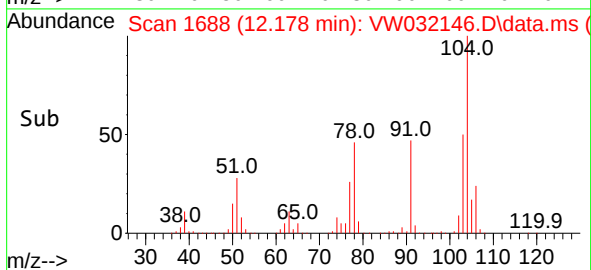
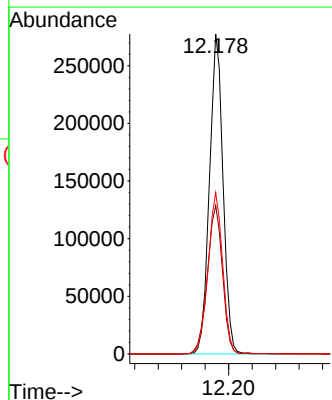
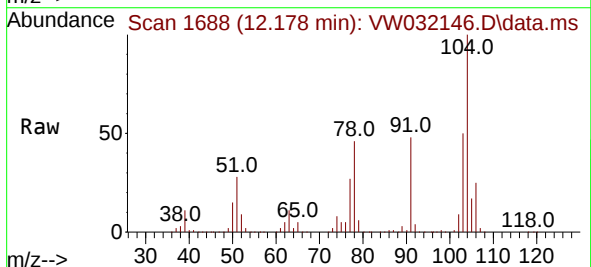
Tgt Ion:104 Resp: 445155

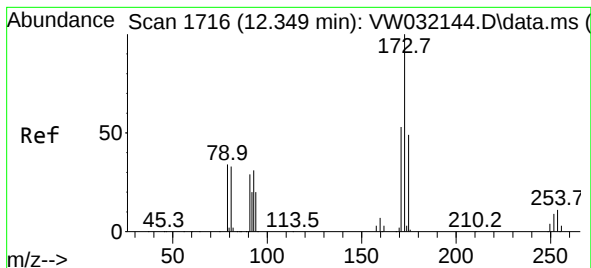
Ion Ratio Lower Upper

104 100

78 51.4 41.6 62.4

103 54.2 44.8 67.2





#71

Bromoform

Concen: 50.601 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

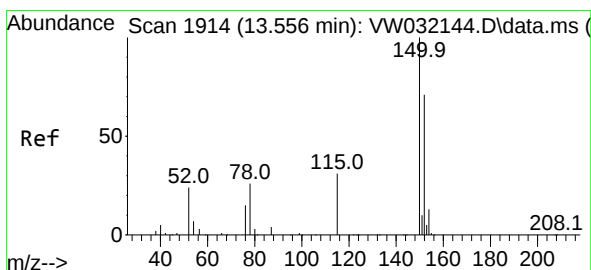
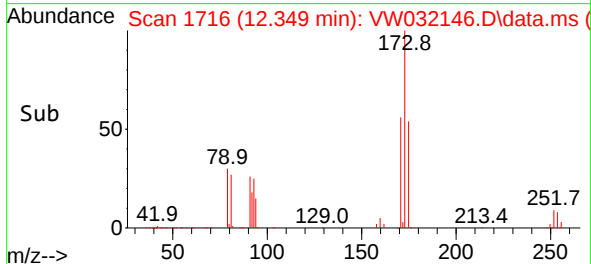
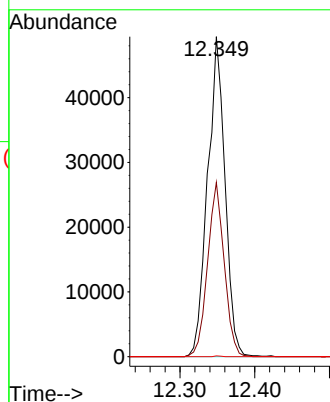
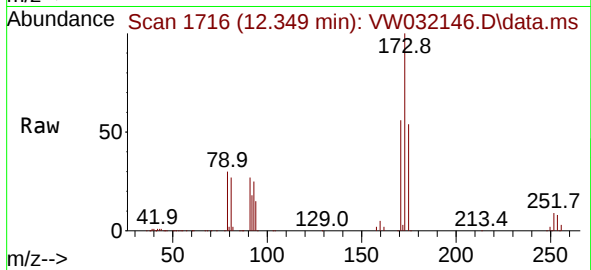
Tgt Ion:173 Resp: 79989

Ion Ratio Lower Upper

173 100

175 52.0 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

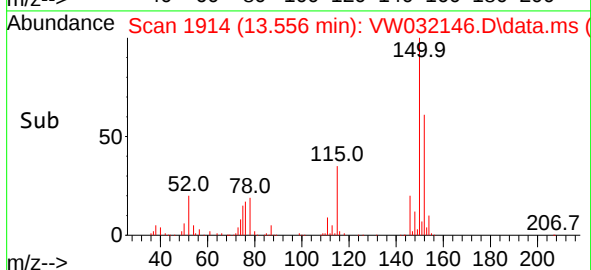
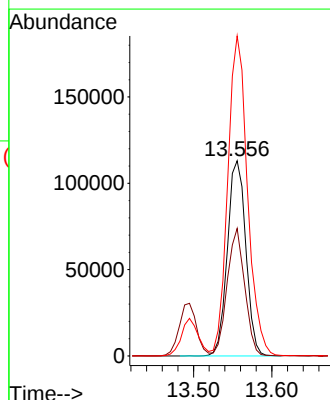
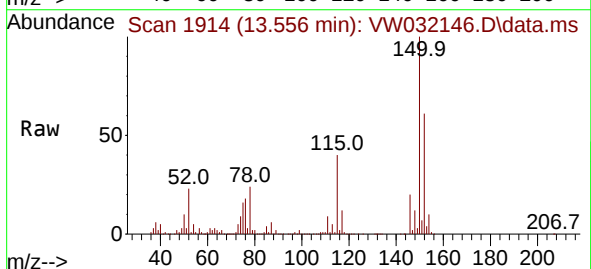
Tgt Ion:152 Resp: 185134

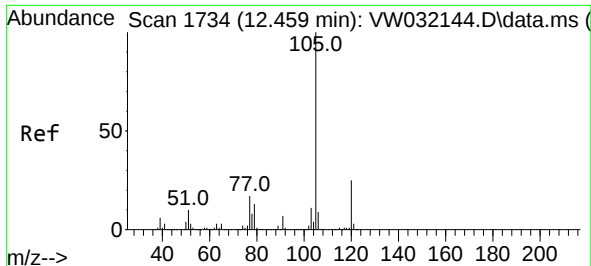
Ion Ratio Lower Upper

152 100

115 62.0 31.8 95.4

150 175.3 0.0 343.0

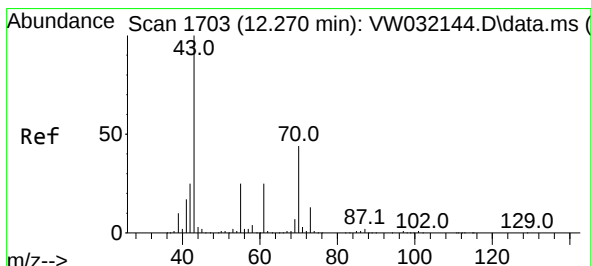
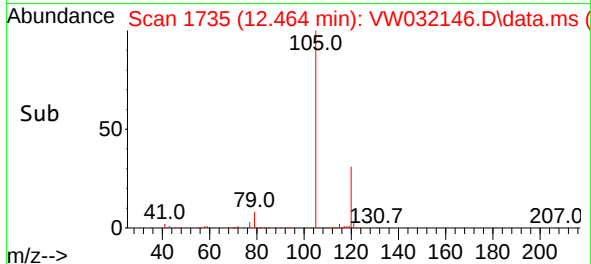
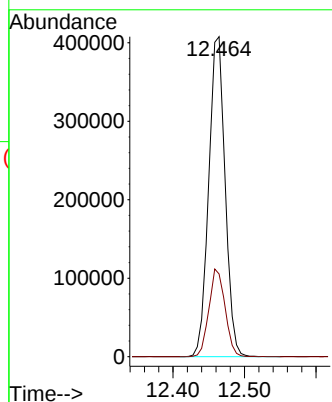
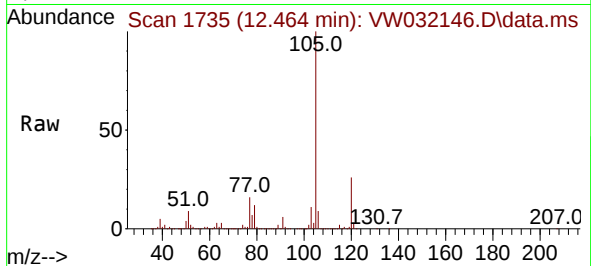




#73
Isopropylbenzene
Concen: 51.711 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

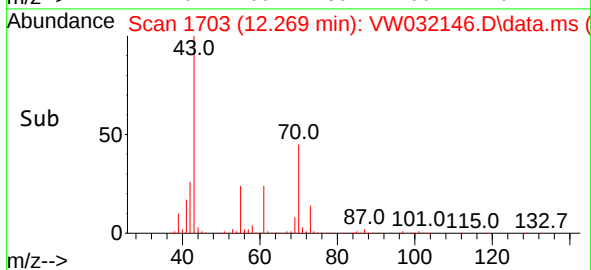
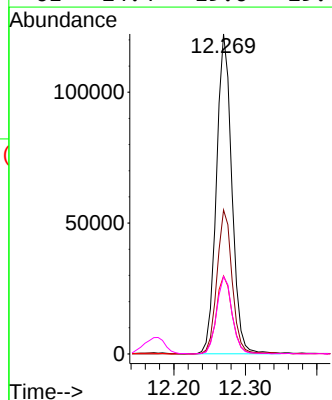
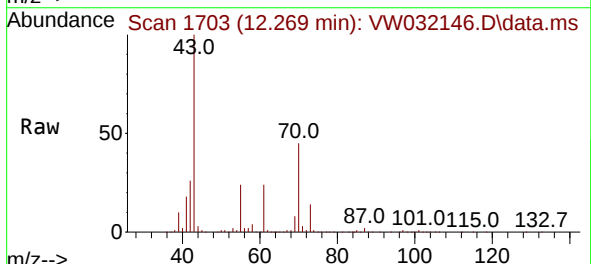
Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

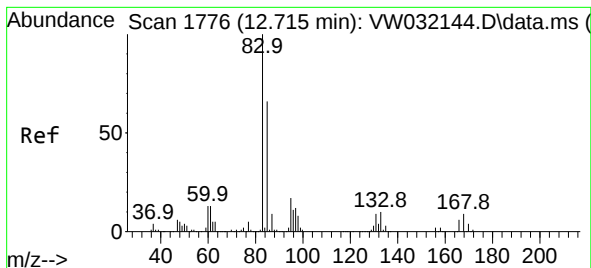
Tgt Ion:105 Resp: 650395
Ion Ratio Lower Upper
105 100
120 27.0 13.0 38.9



#74
N-ethyl acetate
Concen: 50.061 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 182802
Ion Ratio Lower Upper
43 100
70 44.1 35.3 52.9
55 24.9 19.9 29.9
61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.980 ug/l

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

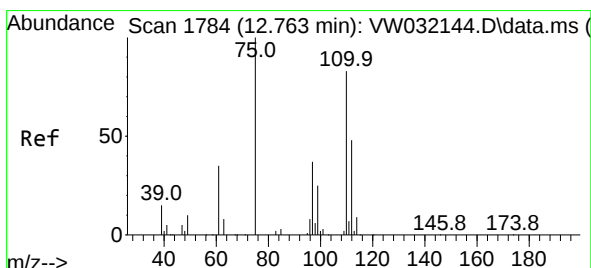
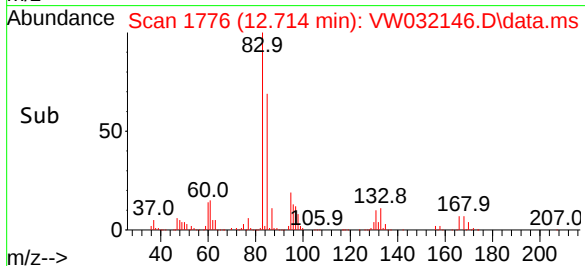
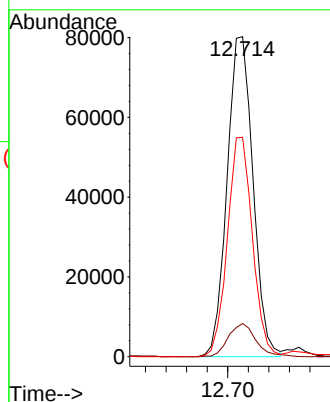
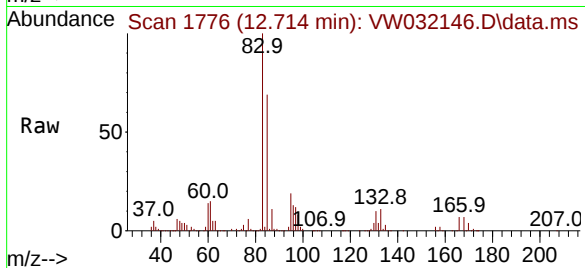
Tgt Ion: 83 Resp: 140426

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

85 66.2 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 77.038 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW032146.D

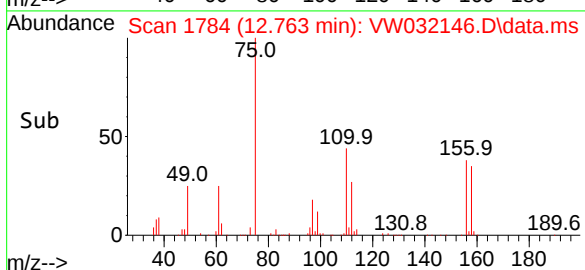
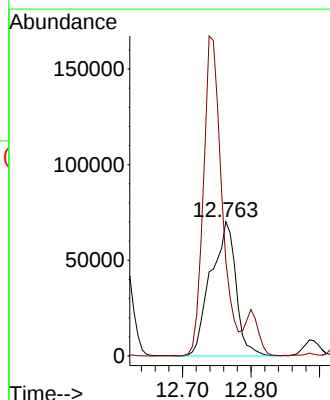
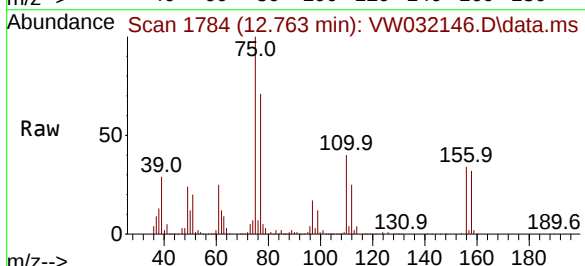
Acq: 26 Aug 2025 13:55

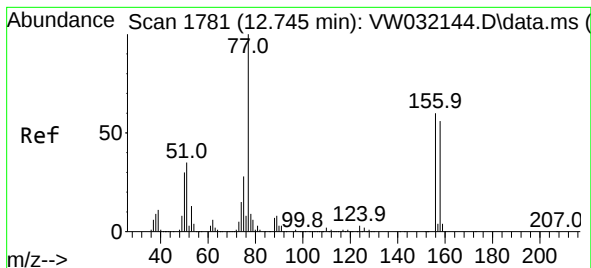
Tgt Ion: 75 Resp: 178679

Ion Ratio Lower Upper

75 100

77 0.0 141.7 425.1#





#77

Bromobenzene

Concen: 49.609 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

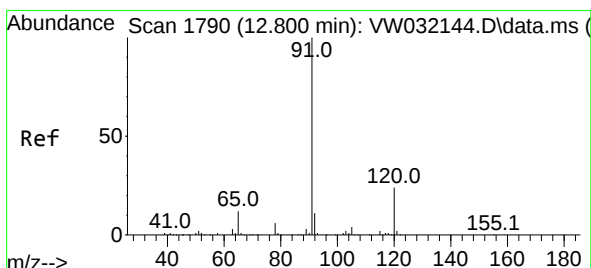
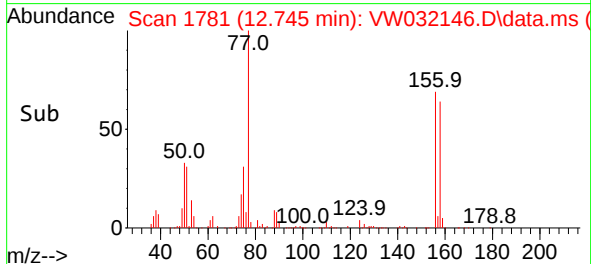
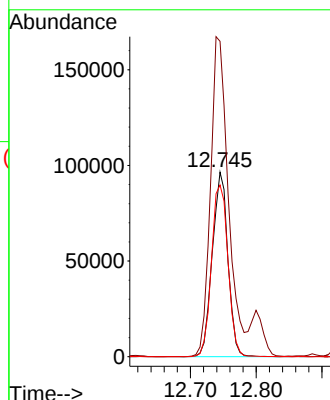
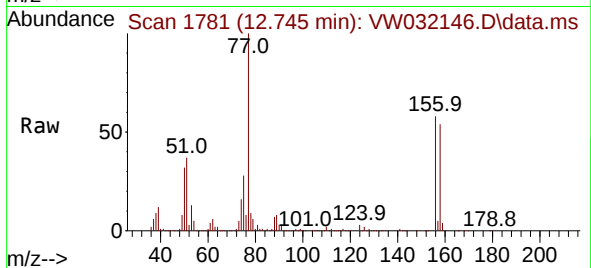
Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

Tgt Ion:	156	Resp:	159112
Ion Ratio	Lower	Upper	
156	100		
77	196.6	98.6	295.7
158	98.6	48.4	145.0



#78

n-propylbenzene

Concen: 52.469 ug/l

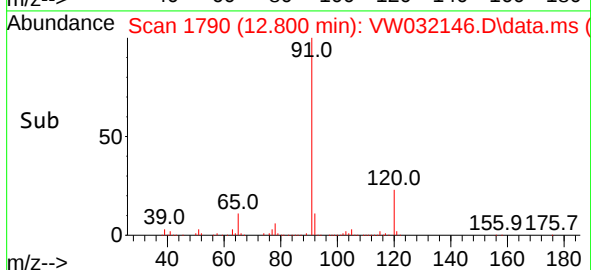
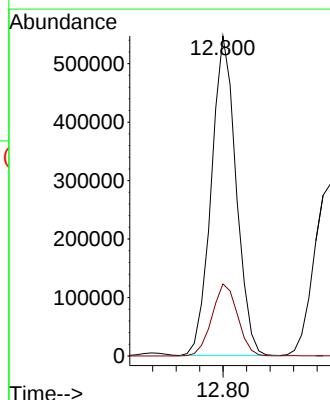
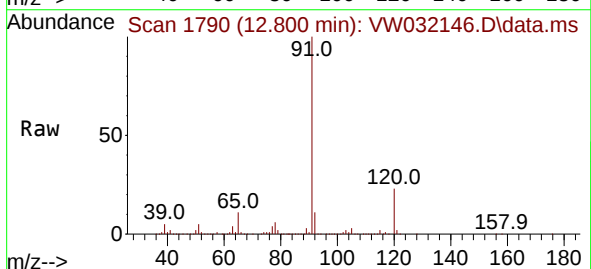
RT: 12.800 min Scan# 1790

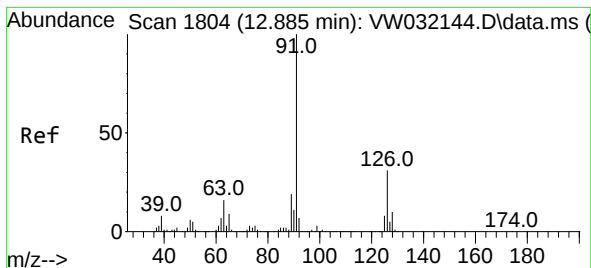
Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Tgt Ion:	91	Resp:	801192
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.751 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

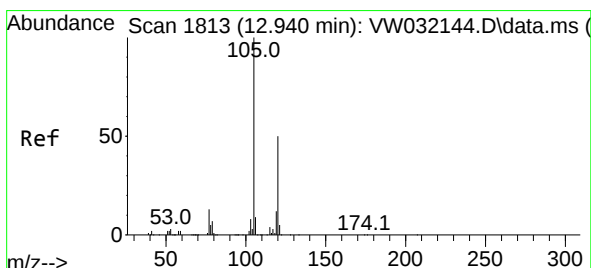
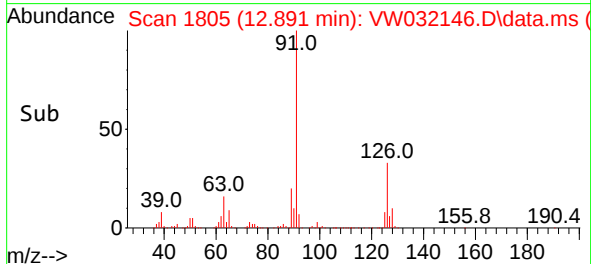
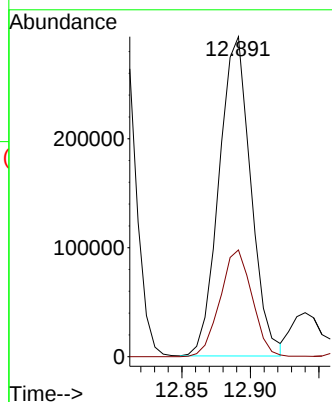
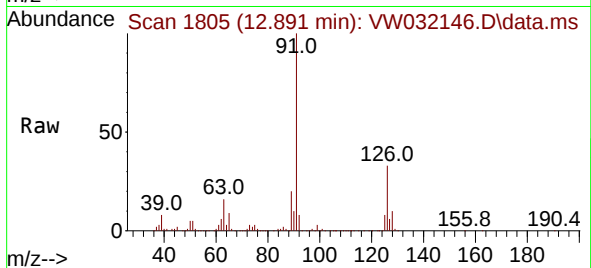
ICVW082625

Tgt Ion: 91 Resp: 473888

Ion Ratio Lower Upper

91 100

126 33.6 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 53.066 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032146.D

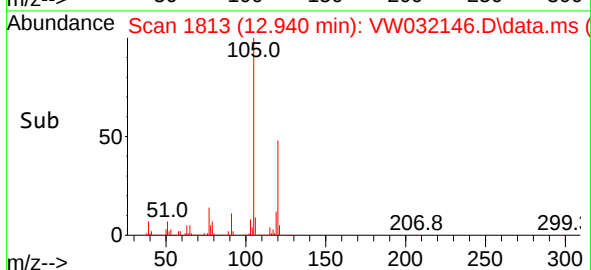
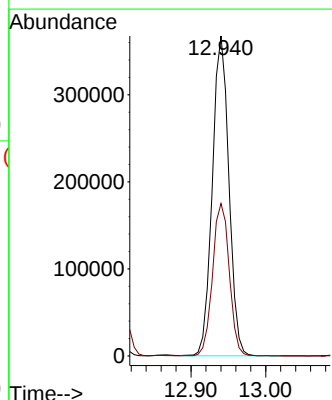
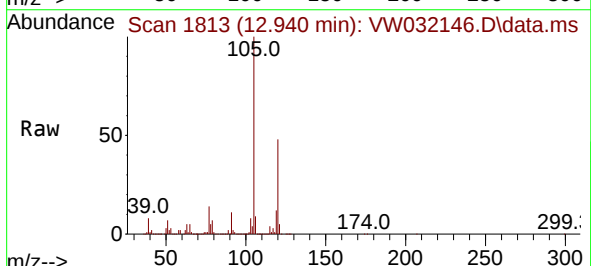
Acq: 26 Aug 2025 13:55

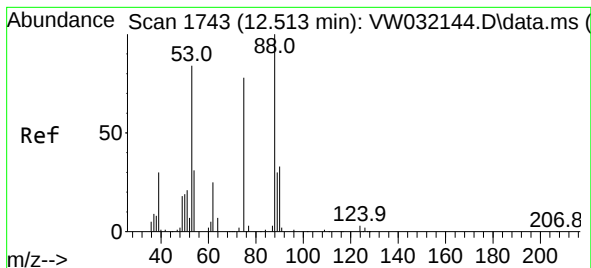
Tgt Ion:105 Resp: 565093

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 52.219 ug/l

RT: 12.507 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

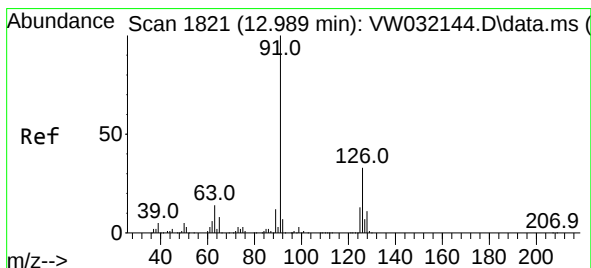
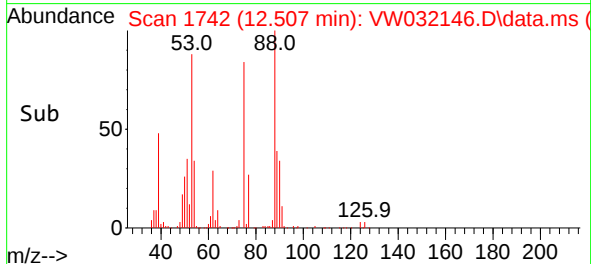
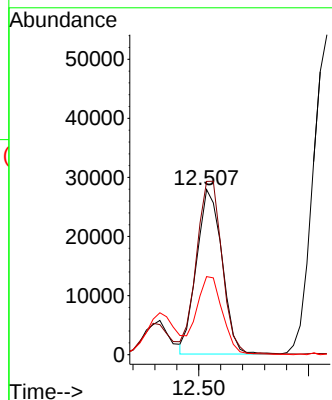
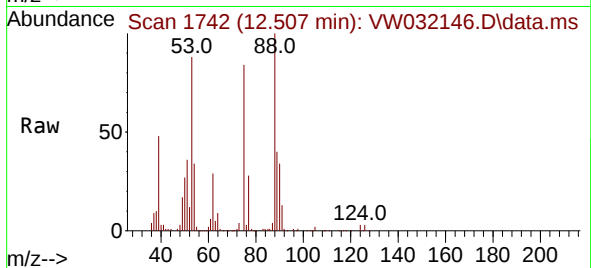
Tgt Ion: 75 Resp: 44983

Ion Ratio Lower Upper

75 100

53 105.0 91.0 136.6

89 47.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 49.587 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VW032146.D

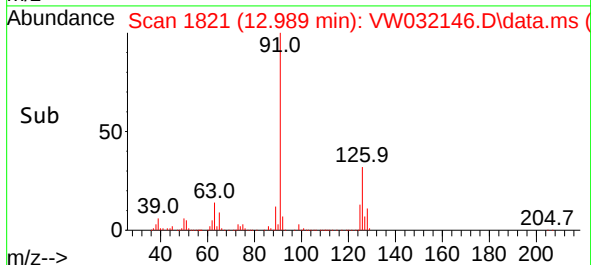
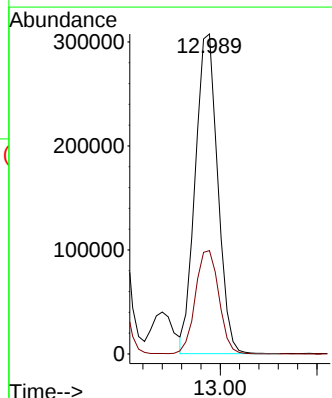
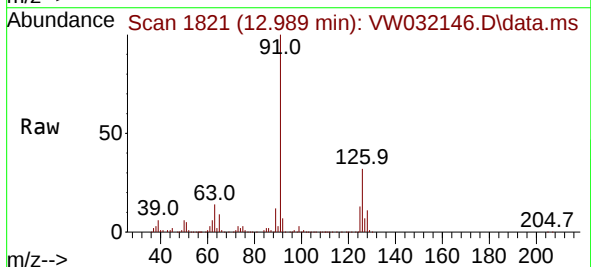
Acq: 26 Aug 2025 13:55

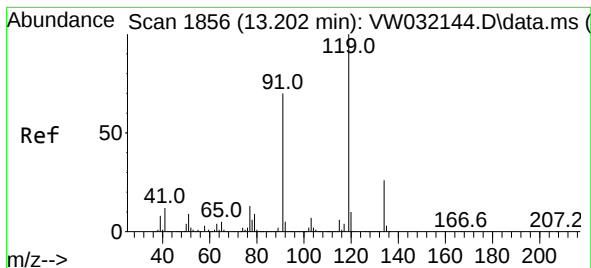
Tgt Ion: 91 Resp: 495627

Ion Ratio Lower Upper

91 100

126 34.0 16.1 48.2





#83

tert-Butylbenzene

Concen: 53.512 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

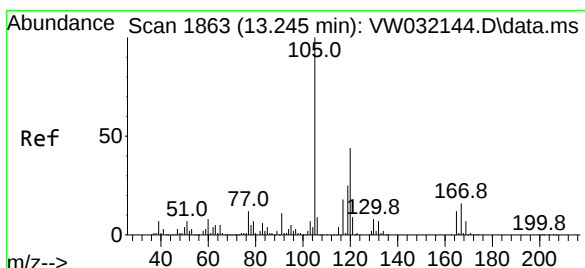
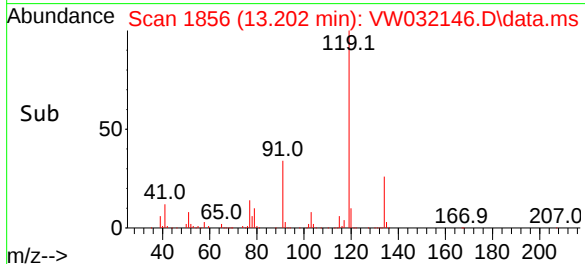
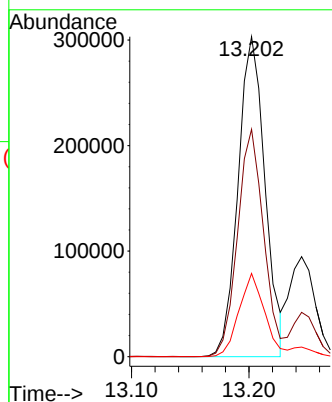
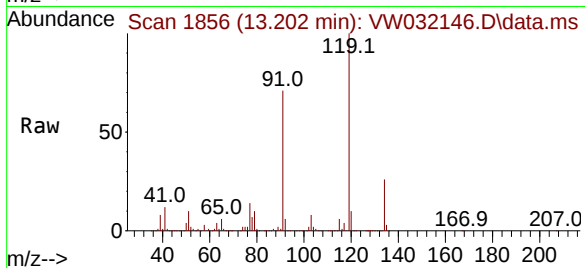
Tgt Ion:119 Resp: 483165

Ion Ratio Lower Upper

119 100

91 68.4 33.8 101.3

134 24.9 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 51.884 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032146.D

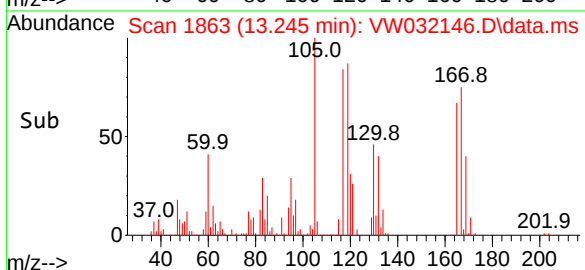
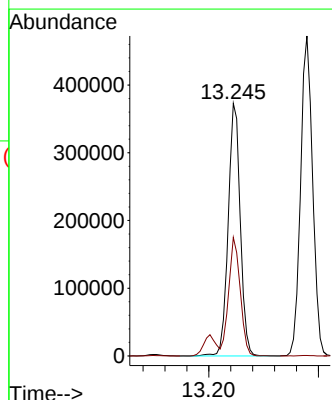
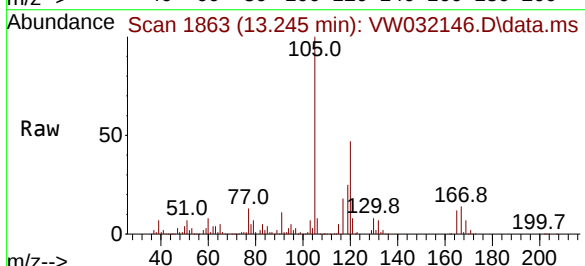
Acq: 26 Aug 2025 13:55

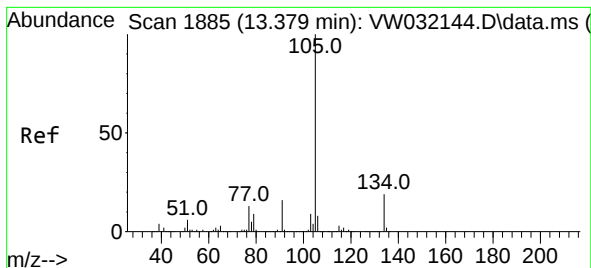
Tgt Ion:105 Resp: 571607

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 53.088 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

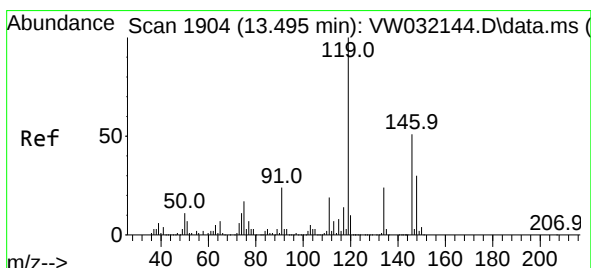
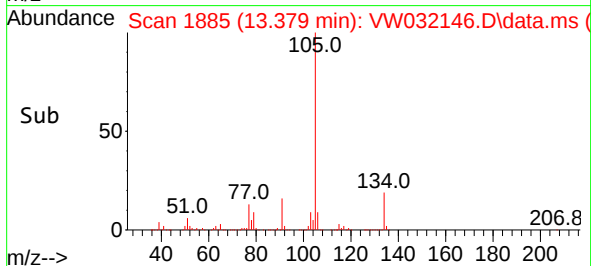
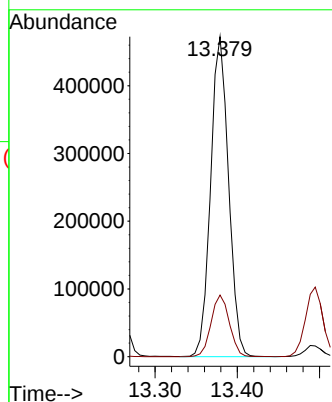
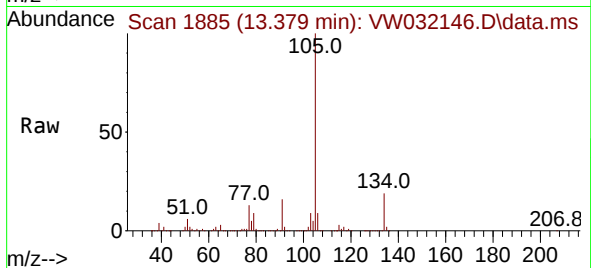
ICVW082625

Tgt Ion:105 Resp: 715657

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.722 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

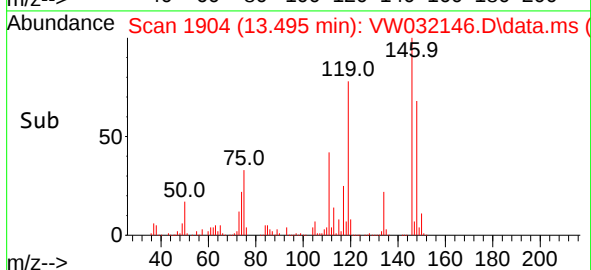
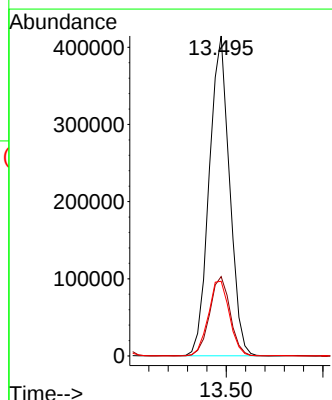
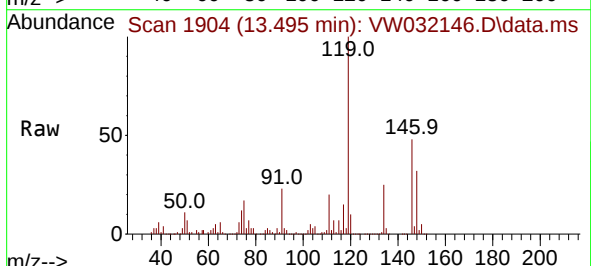
Tgt Ion:119 Resp: 604413

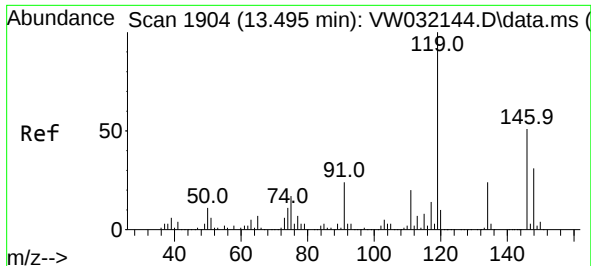
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.6

91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.012 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

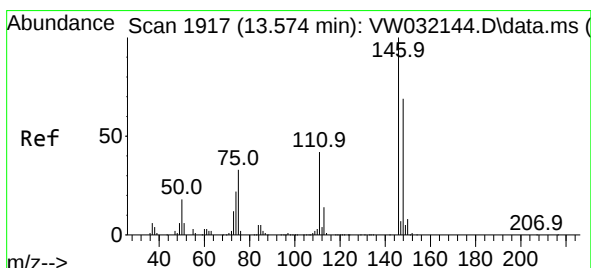
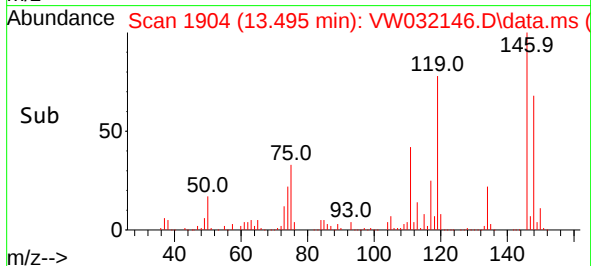
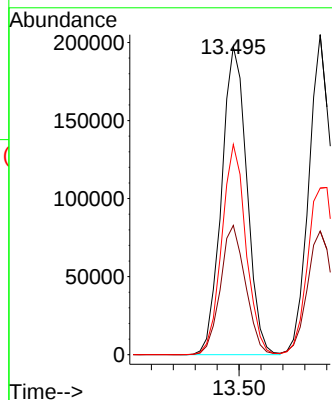
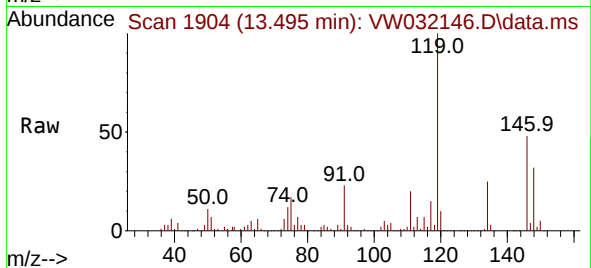
Tgt Ion:146 Resp: 316514

Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 65.3 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 47.819 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

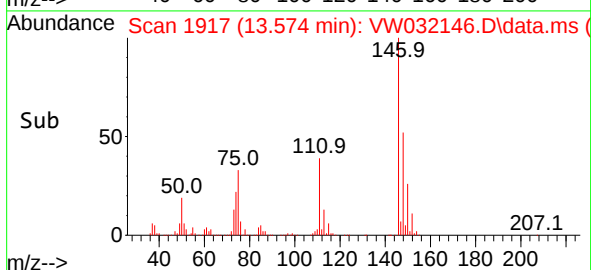
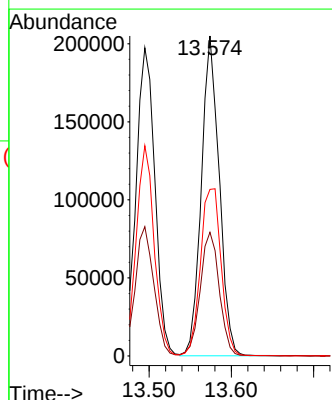
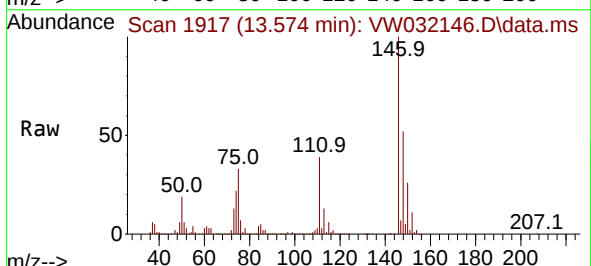
Tgt Ion:146 Resp: 309536

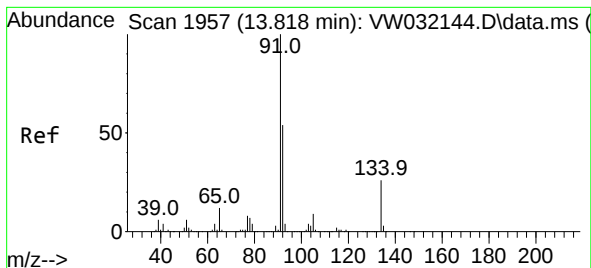
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

148 60.6 33.4 100.1





#89

n-Butylbenzene

Concen: 53.415 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

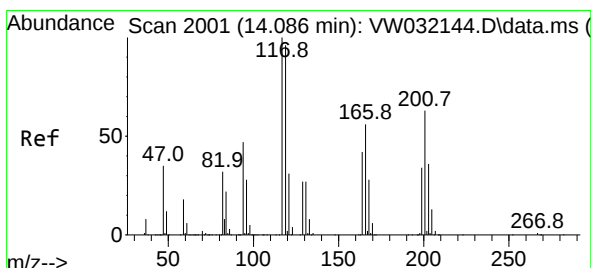
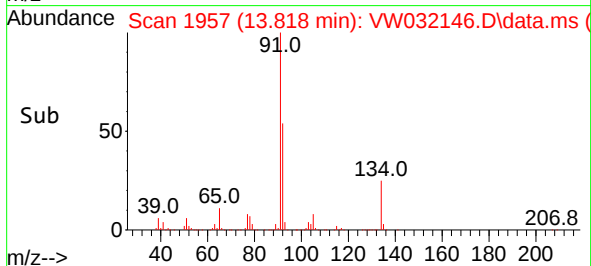
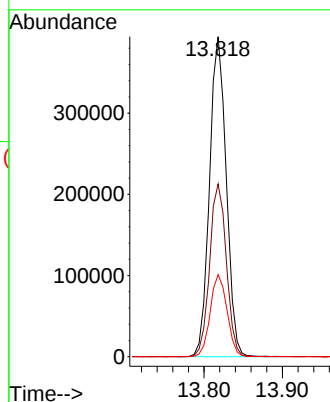
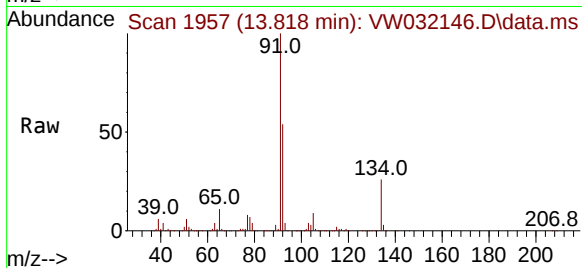
Tgt Ion: 91 Resp: 583819

Ion Ratio Lower Upper

91 100

92 53.9 27.0 81.0

134 25.7 13.1 39.3



#90

Hexachloroethane

Concen: 50.748 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032146.D

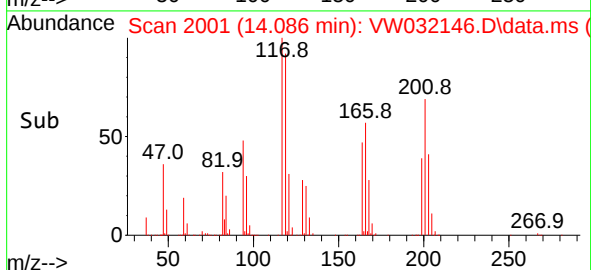
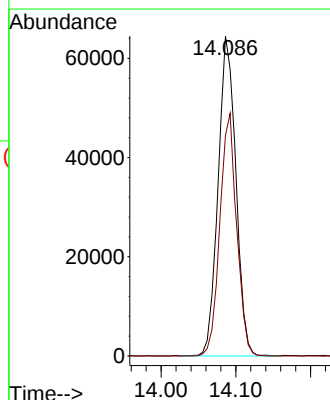
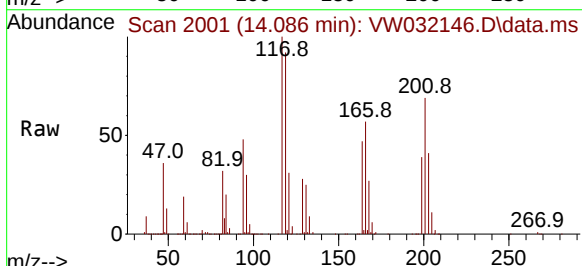
Acq: 26 Aug 2025 13:55

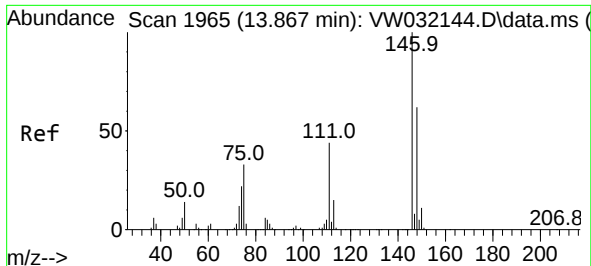
Tgt Ion: 117 Resp: 106416

Ion Ratio Lower Upper

117 100

201 71.8 32.8 98.4

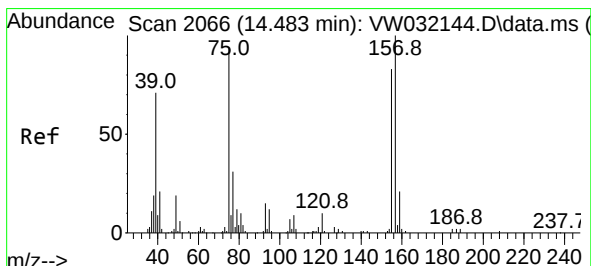
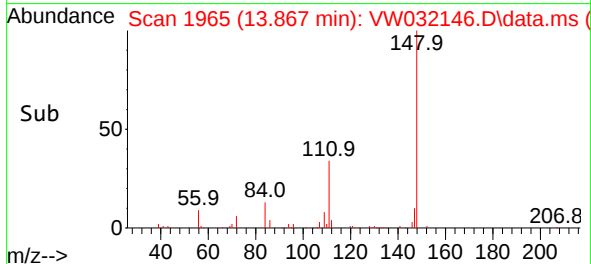
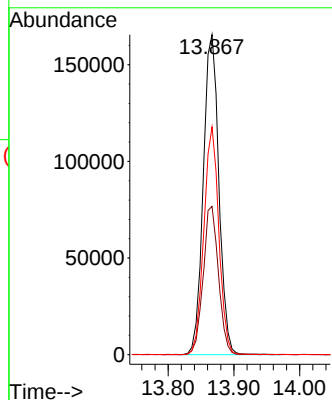
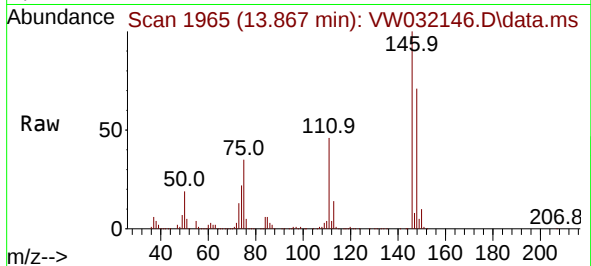




#91
1,2-Dichlorobenzene
Concen: 47.762 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

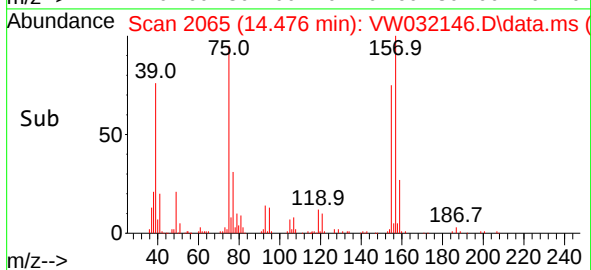
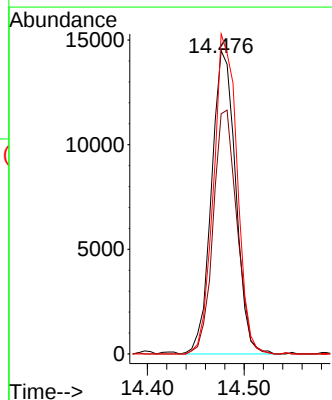
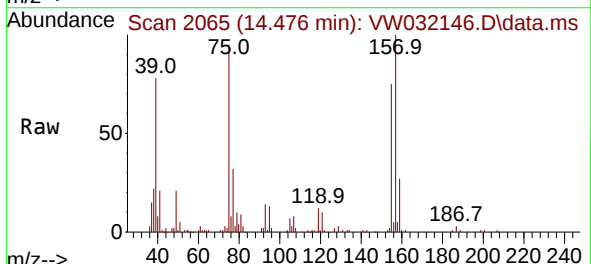
Instrument :
MSVOA_W
ClientSampleId :
ICVW082625

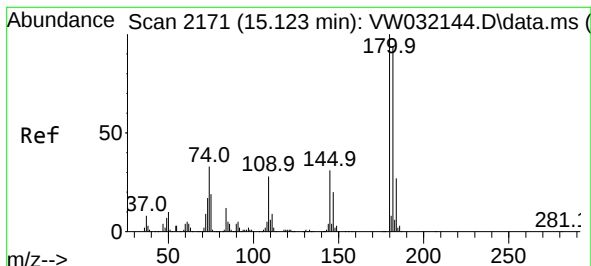
Tgt Ion:146 Resp: 273088
Ion Ratio Lower Upper
146 100
111 45.5 23.4 70.0
148 68.3 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.585 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 25127
Ion Ratio Lower Upper
75 100
155 78.6 40.8 122.5
157 102.9 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 48.833 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

Instrument :

MSVOA_W

ClientSampleId :

ICVW082625

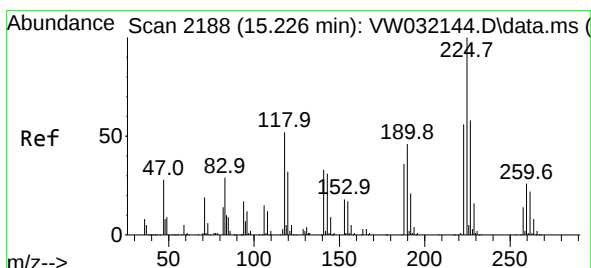
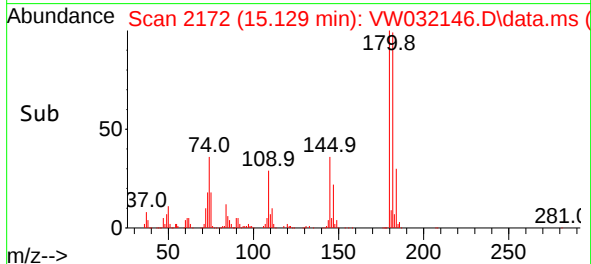
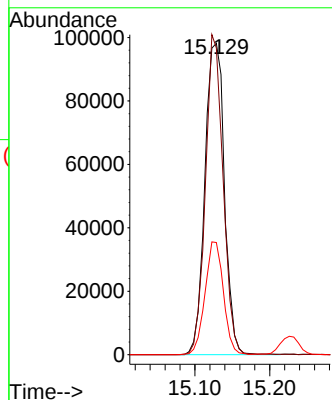
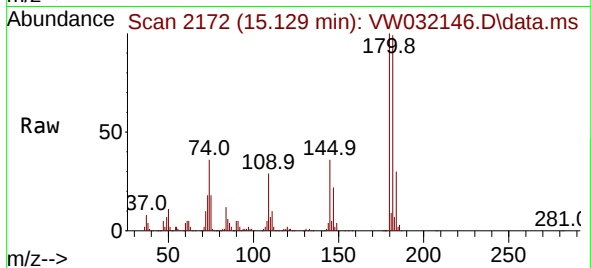
Tgt Ion:180 Resp: 178389

Ion Ratio Lower Upper

180 100

182 92.8 47.4 142.2

145 34.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 46.448 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032146.D

Acq: 26 Aug 2025 13:55

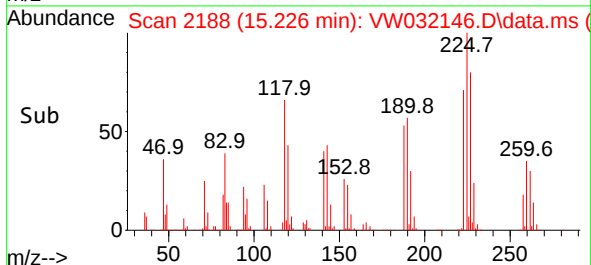
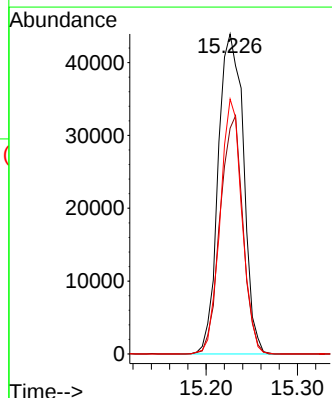
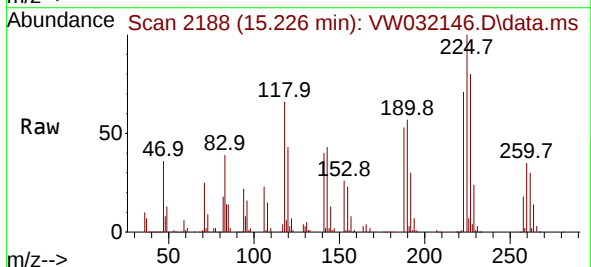
Tgt Ion:225 Resp: 84151

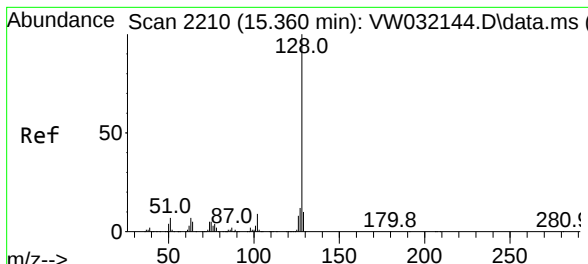
Ion Ratio Lower Upper

225 100

223 67.0 29.8 89.3

227 69.1 30.5 91.5



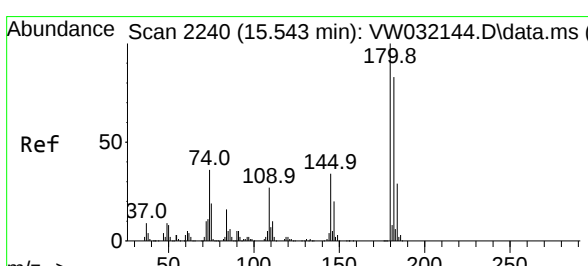
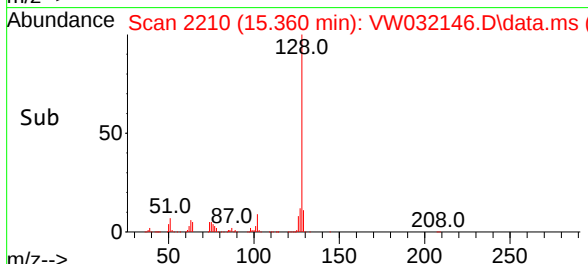
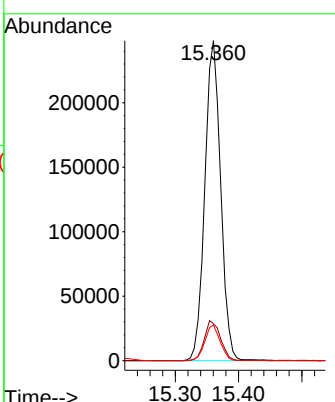
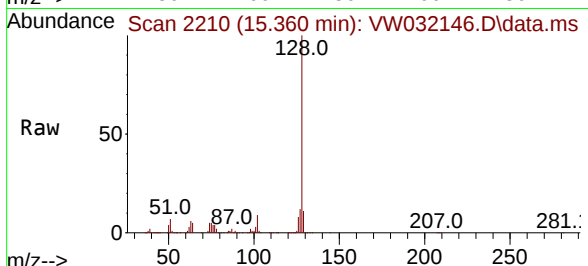


#95
 Naphthalene
 Concen: 52.201 ug/l
 RT: 15.360 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW082625

Tgt Ion:128 Resp: 431564

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.4	12.6



#96
 1,2,3-Trichlorobenzene
 Concen: 50.408 ug/l
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW032146.D
 Acq: 26 Aug 2025 13:55

Tgt Ion:180 Resp: 171251

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.7	143.1
145	34.4	17.2	51.6

