

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032059.D
 Acq On : 11 Aug 2025 11:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

Quant Time: Aug 12 04:12:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	226453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	420434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	386856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	161155	49.205	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.420%
35) Dibromofluoromethane	7.898	113	135642	49.939	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.880%
50) Toluene-d8	10.325	98	499377	49.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.617	95	190514	51.460	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	69757	43.069	ug/l	98
3) Chloromethane	2.253	50	103574	47.474	ug/l	100
4) Vinyl Chloride	2.405	62	124287	47.096	ug/l	95
5) Bromomethane	2.820	94	93451	47.201	ug/l	100
6) Chloroethane	2.966	64	83573	47.858	ug/l	97
7) Trichlorofluoromethane	3.308	101	108634	51.386	ug/l	91
8) Diethyl Ether	3.722	74	87261	50.380	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	118012	47.316	ug/l	99
10) Methyl Iodide	4.307	142	175903	49.742	ug/l	97
11) Tert butyl alcohol	5.210	59	57666	271.910	ug/l	99
12) 1,1-Dichloroethene	4.076	96	131802	47.992	ug/l	97
13) Acrolein	3.929	56	80072	236.960	ug/l	98
14) Allyl chloride	4.710	41	204222	51.094	ug/l	99
15) Acrylonitrile	5.405	53	219409	265.958	ug/l	99
16) Acetone	4.161	43	192802	254.262	ug/l	97
17) Carbon Disulfide	4.423	76	360982	48.970	ug/l	96
18) Methyl Acetate	4.716	43	126246	52.614	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	263546	54.465	ug/l	100
20) Methylene Chloride	4.954	84	162865	46.453	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	145825	50.035	ug/l	98
22) Diisopropyl ether	6.338	45	438483	52.038	ug/l	97
23) Vinyl Acetate	6.283	43	1494873	270.210	ug/l	100
24) 1,1-Dichloroethane	6.246	63	265060	49.234	ug/l	98
25) 2-Butanone	7.191	43	293227	272.083	ug/l	96
26) 2,2-Dichloropropane	7.185	77	134123	49.659	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	175120	51.404	ug/l	98
28) Bromochloromethane	7.532	49	123268	50.315	ug/l	98
29) Tetrahydrofuran	7.551	42	194909	274.235	ug/l	100
30) Chloroform	7.691	83	284250	49.803	ug/l	98
31) Cyclohexane	7.971	56	217714	46.646	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	207733	50.108	ug/l	97
36) 1,1-Dichloropropene	8.093	75	189820	49.574	ug/l	100
37) Ethyl Acetate	7.270	43	124516	55.214	ug/l	99
38) Carbon Tetrachloride	8.081	117	184816	50.015	ug/l	98
39) Methylcyclohexane	9.343	83	243533	52.181	ug/l	98
40) Benzene	8.337	78	598350	50.272	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	70600	55.204	ug/l	97
42) 1,2-Dichloroethane	8.410	62	194825	51.154	ug/l	99
43) Isopropyl Acetate	8.435	43	227561	54.846	ug/l	99
44) Trichloroethene	9.099	130	139383	49.175	ug/l	99
45) 1,2-Dichloropropane	9.374	63	147807	51.403	ug/l	99
46) Dibromomethane	9.465	93	93713	50.497	ug/l	98
47) Bromodichloromethane	9.648	83	221409	51.775	ug/l	100
48) Methyl methacrylate	9.441	41	110265	55.048	ug/l	98
49) 1,4-Dioxane	9.459	88	27718	1155.151	ug/l #	83
51) 4-Methyl-2-Pentanone	10.215	43	645391	275.585	ug/l	100
52) Toluene	10.392	92	377919	50.410	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	212772	53.108	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	238970	52.577	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	127536	51.716	ug/l	97
56) Ethyl methacrylate	10.648	69	186039	56.374	ug/l	99
57) 1,3-Dichloropropane	10.934	76	220027	51.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	498131	272.893	ug/l	99
59) 2-Hexanone	10.971	43	457083	281.817	ug/l	100
60) Dibromochloromethane	11.129	129	147264	52.276	ug/l	100
61) 1,2-Dibromoethane	11.239	107	126064	52.603	ug/l	100
64) Tetrachloroethene	10.861	164	114507	51.245	ug/l	95
65) Chlorobenzene	11.660	112	416485	49.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	132212	50.324	ug/l	98
67) Ethyl Benzene	11.727	91	716757	50.253	ug/l	100
68) m/p-Xylenes	11.837	106	559216	101.607	ug/l	99
69) o-Xylene	12.160	106	261548	51.416	ug/l	98
70) Styrene	12.178	104	468335	51.833	ug/l	99
71) Bromoform	12.349	173	82571	54.945	ug/l #	98
73) Isopropylbenzene	12.458	105	670779	52.571	ug/l	99
74) N-amyl acetate	12.269	43	203837	55.682	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	159092	52.514	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	201159	81.178	ug/l	58
77) Bromobenzene	12.745	156	152028	49.886	ug/l	94
78) n-propylbenzene	12.800	91	803474	51.148	ug/l	99
79) 2-Chlorotoluene	12.885	91	495562	51.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	566437	52.291	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	51275	53.570	ug/l	97
82) 4-Chlorotoluene	12.989	91	518248	50.312	ug/l	99
83) tert-Butylbenzene	13.202	119	483459	53.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	587831	53.308	ug/l	99
85) sec-Butylbenzene	13.379	105	687367	50.571	ug/l	100
86) p-Isopropyltoluene	13.495	119	584473	51.580	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	305044	50.304	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	306047	49.942	ug/l	97
89) n-Butylbenzene	13.818	91	571978	51.958	ug/l	98
90) Hexachloroethane	14.092	117	104295	50.329	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	279745	50.926	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	29014	53.872	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	173386	52.764	ug/l	90
94) Hexachlorobutadiene	15.226	225	75299	51.262	ug/l	92
95) Naphthalene	15.360	128	438139	54.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	162431	54.327	ug/l	98

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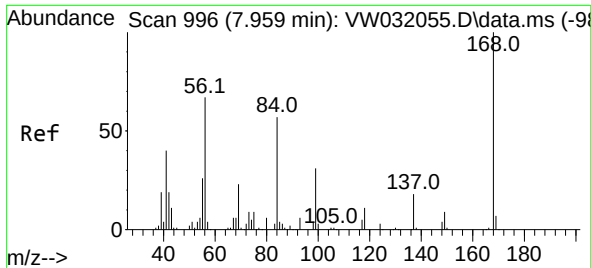
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QLast Update : Tue Aug 12 04:04:48 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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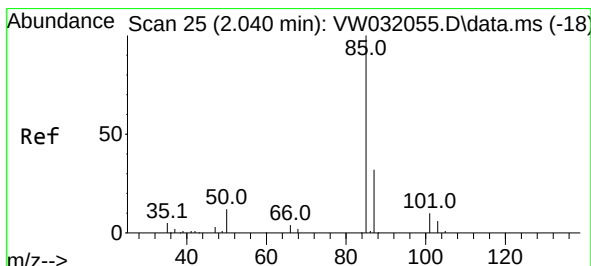
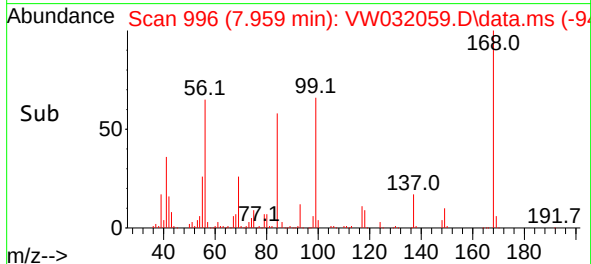
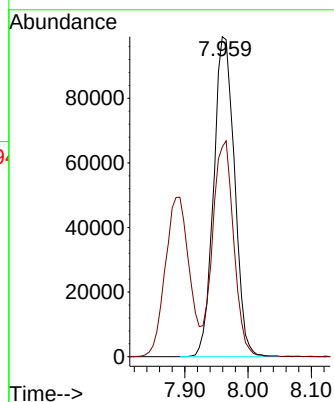
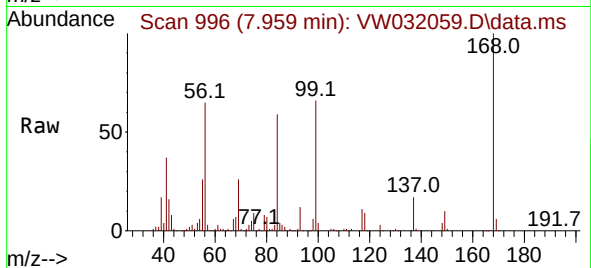




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032059.D
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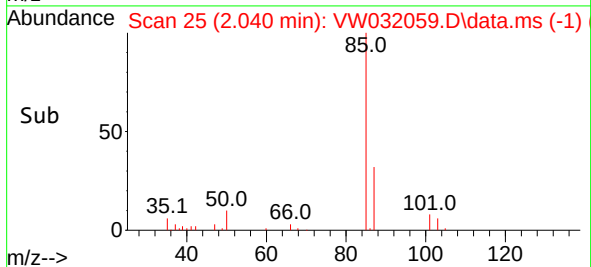
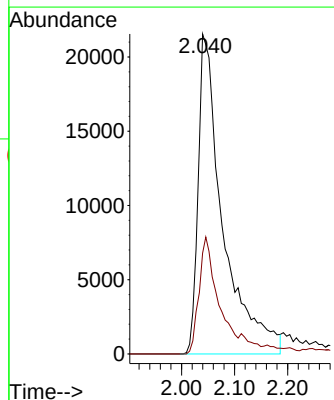
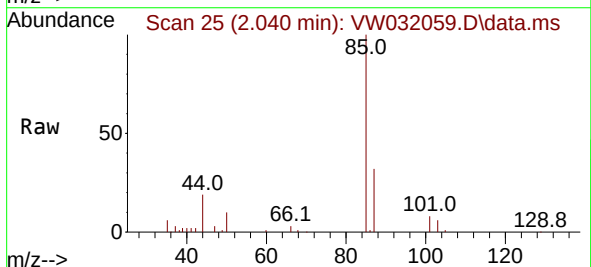
Instrument :
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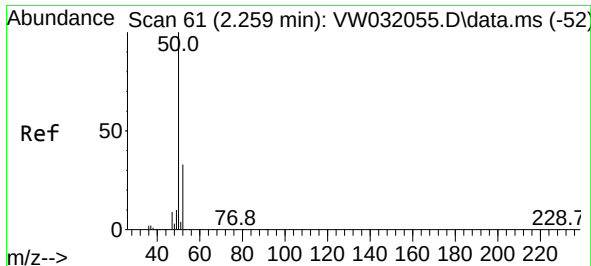
Tgt Ion:168 Resp: 226453
Ion Ratio Lower Upper
168 100
99 65.5 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 43.069 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

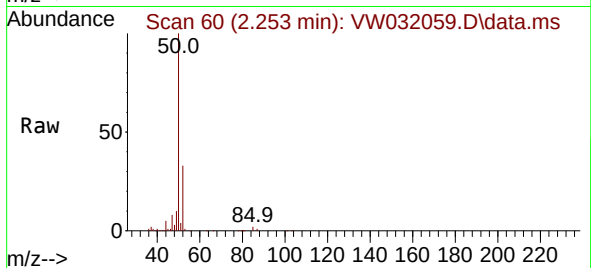
Tgt Ion: 85 Resp: 69757
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6



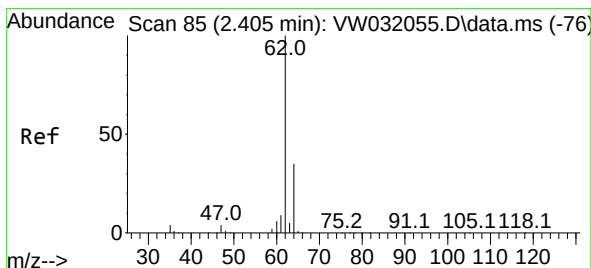
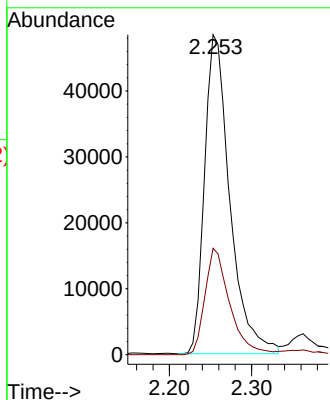
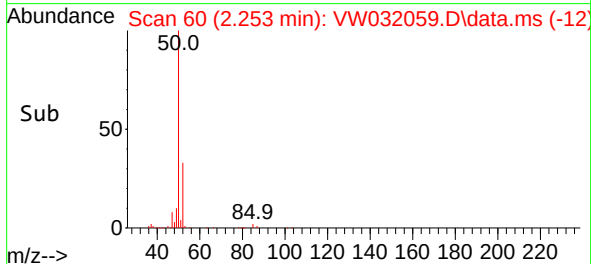


#3
Chloromethane
Concen: 47.474 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Instrument :
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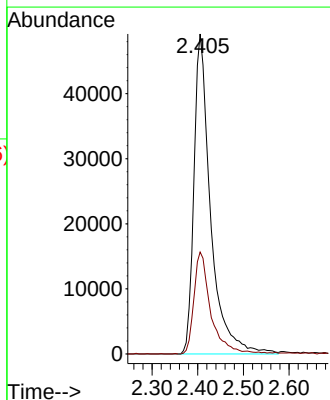
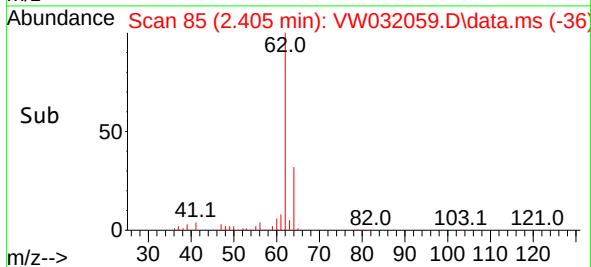
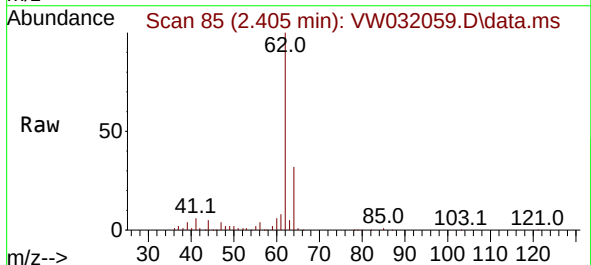


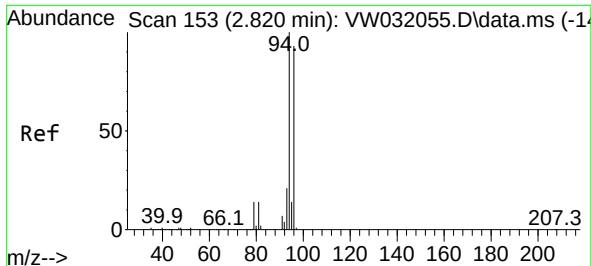
Tgt Ion: 50 Resp: 103574
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8



#4
Vinyl Chloride
Concen: 47.096 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 62 Resp: 124287
Ion Ratio Lower Upper
62 100
64 31.9 27.8 41.6

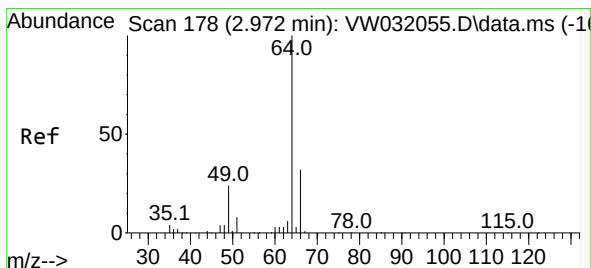
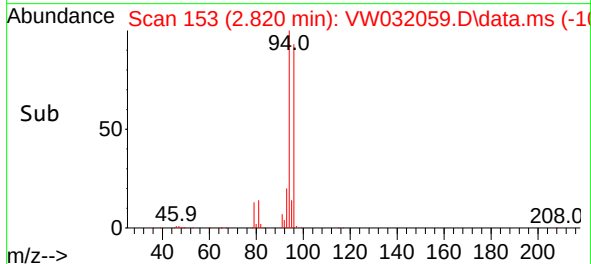
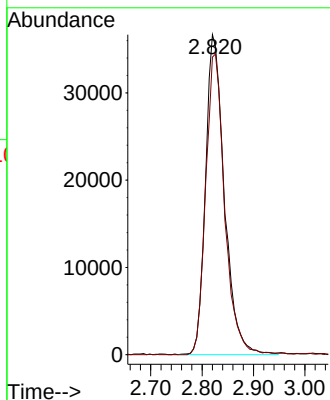
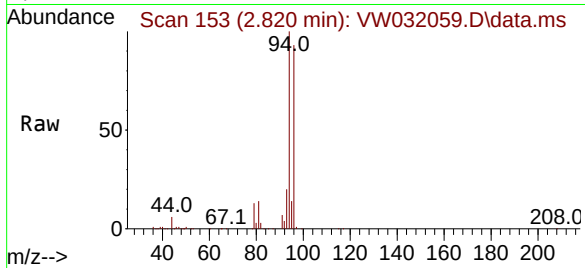




#5
Bromomethane
Concen: 47.201 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

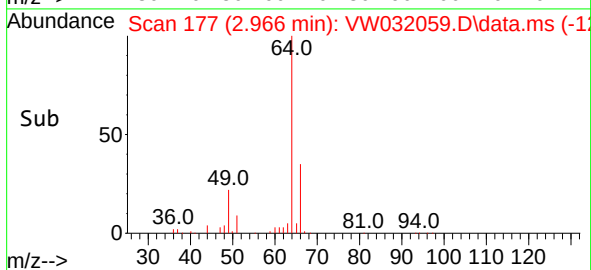
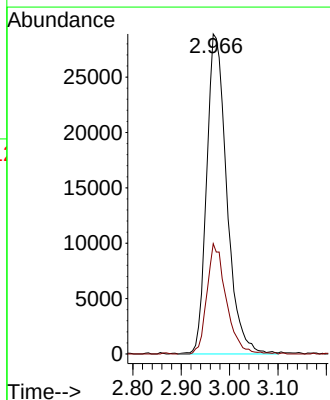
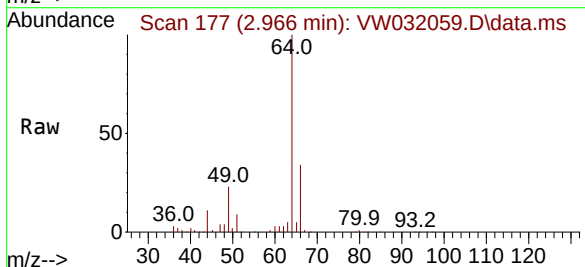
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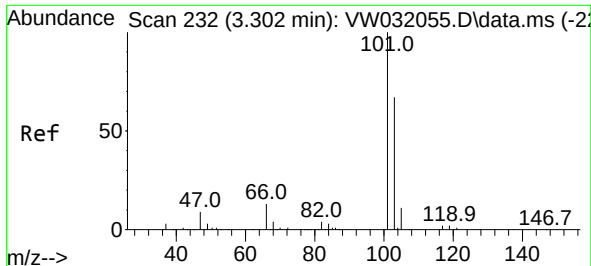
Tgt Ion: 94 Resp: 93451
Ion Ratio Lower Upper
94 100
96 93.0 74.7 112.1



#6
Chloroethane
Concen: 47.858 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032059.D
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Tgt Ion: 64 Resp: 83573
Ion Ratio Lower Upper
64 100
66 34.4 26.0 39.0

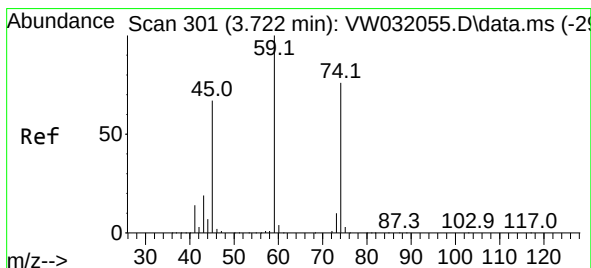
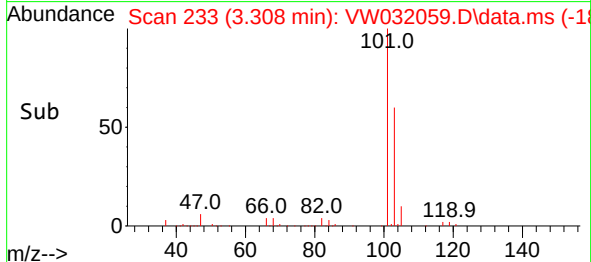
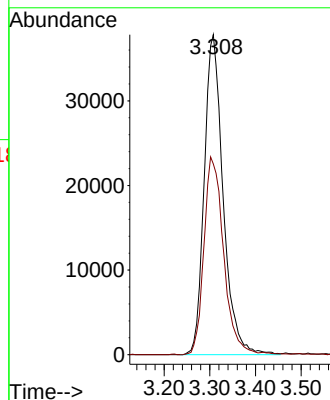
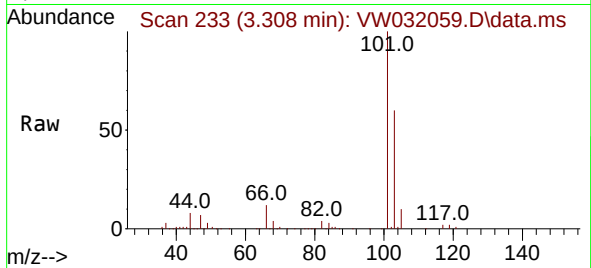




#7
 Trichlorofluoromethane
 Concen: 51.386 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

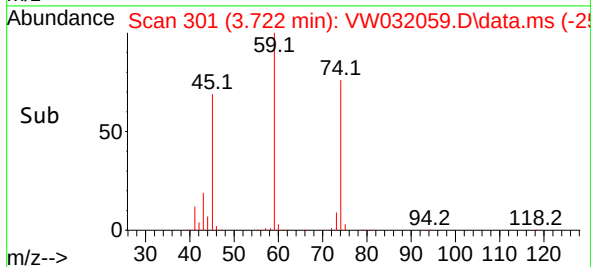
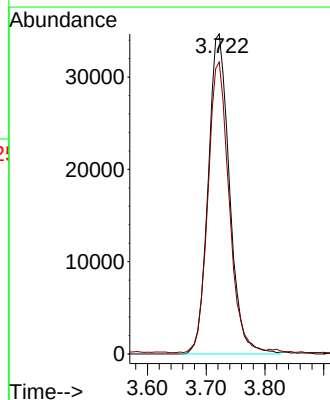
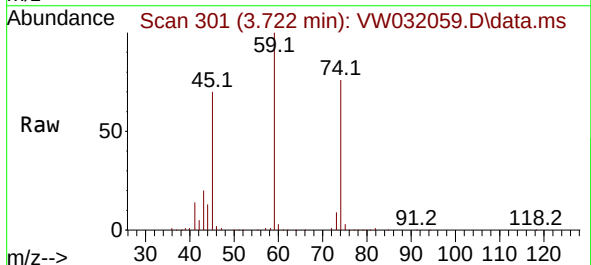
Instrument :
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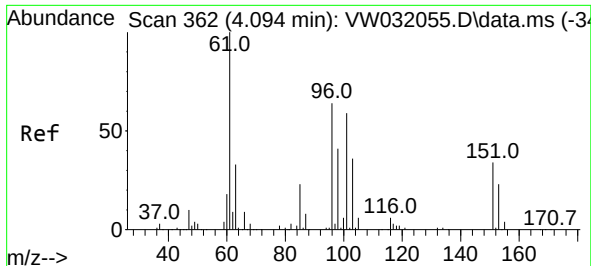
Tgt Ion:101 Resp: 108634
 Ion Ratio Lower Upper
 101 100
 103 59.6 53.4 80.0



#8
 Diethyl Ether
 Concen: 50.380 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

Tgt Ion: 74 Resp: 87261
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.4 136.2

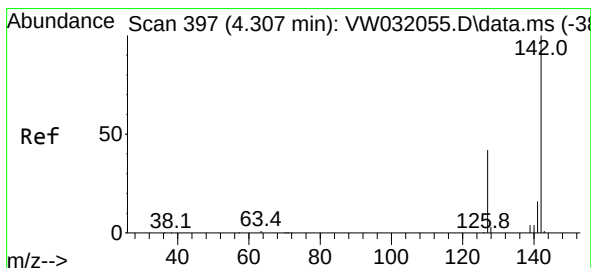
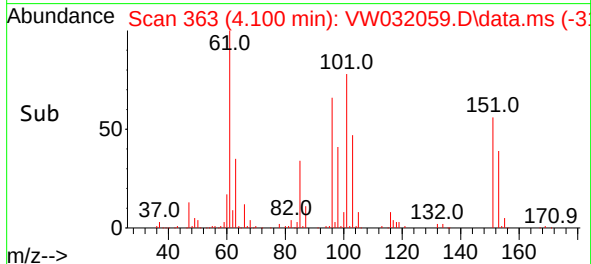
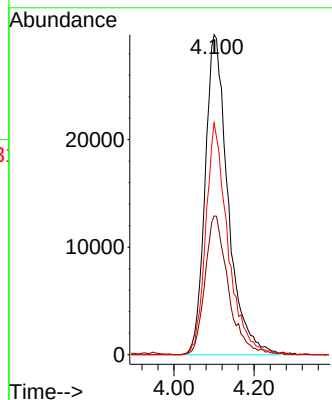
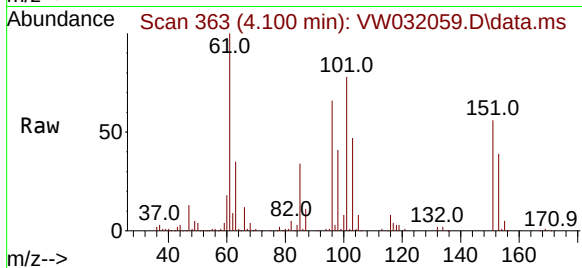




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.316 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.006 min
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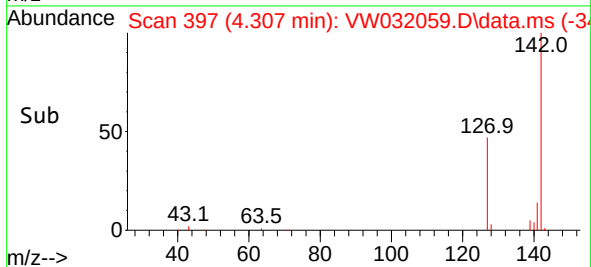
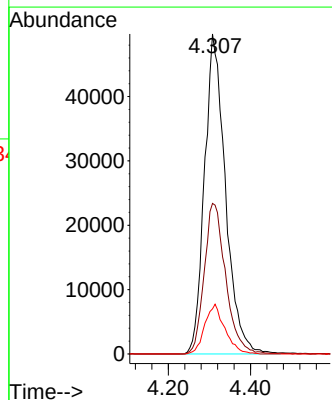
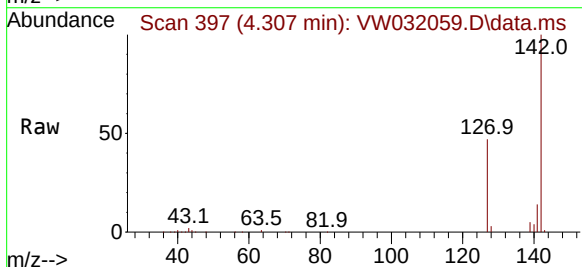
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

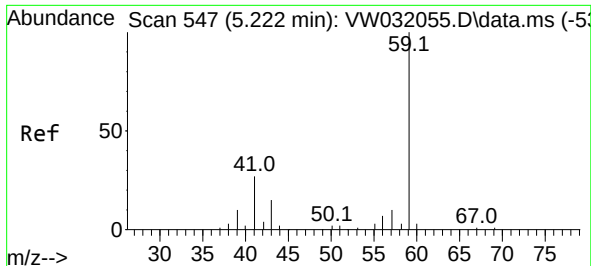
Tgt Ion:101 Resp: 118012
Ion Ratio Lower Upper
101 100
85 44.3 34.9 52.3
151 69.9 56.2 84.4



#10
Methyl Iodide
Concen: 49.742 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:142 Resp: 175903
Ion Ratio Lower Upper
142 100
127 48.1 36.6 55.0
141 14.9 12.1 18.1

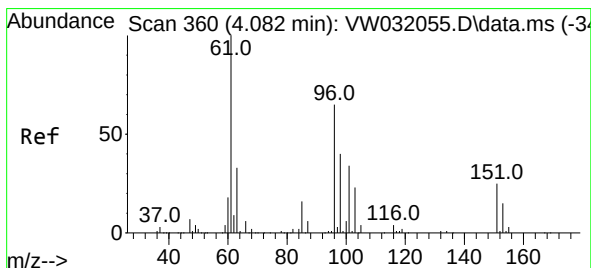
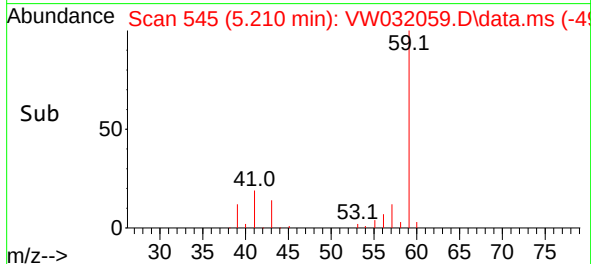
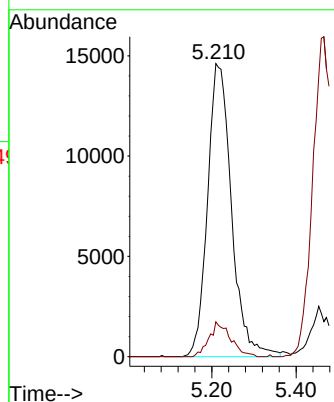
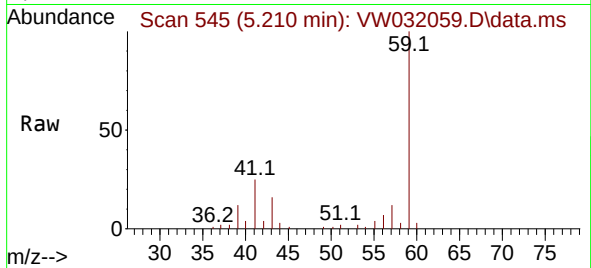




#11
Tert butyl alcohol
Concen: 271.910 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

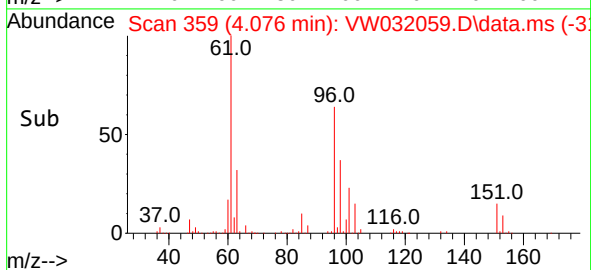
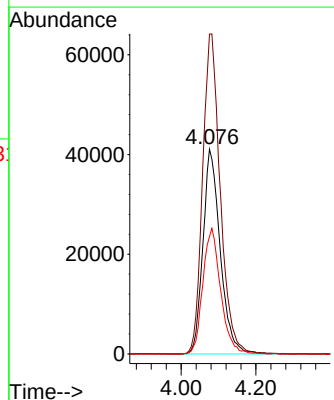
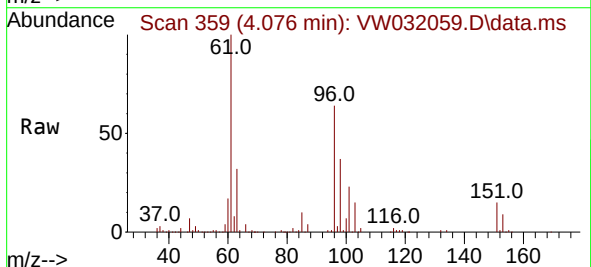
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

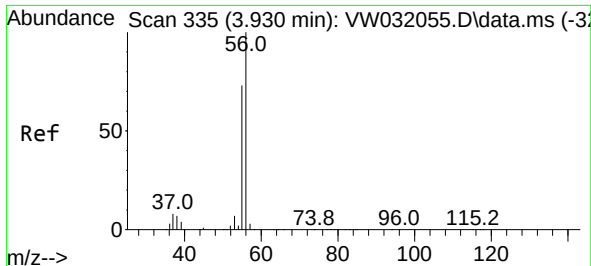
Tgt Ion: 59 Resp: 57666
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1



#12
1,1-Dichloroethene
Concen: 47.992 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 96 Resp: 131802
Ion Ratio Lower Upper
96 100
61 156.3 123.4 185.2
98 57.4 49.5 74.3

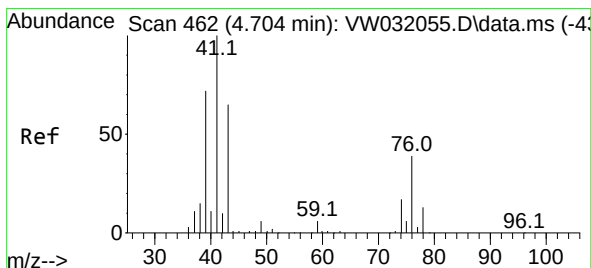
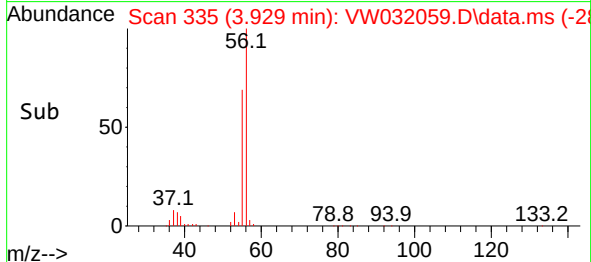
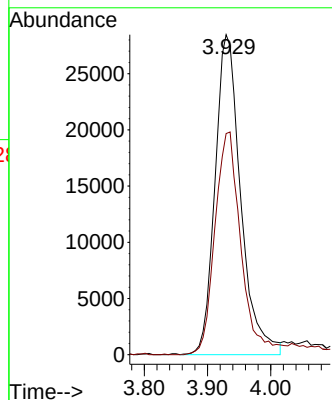
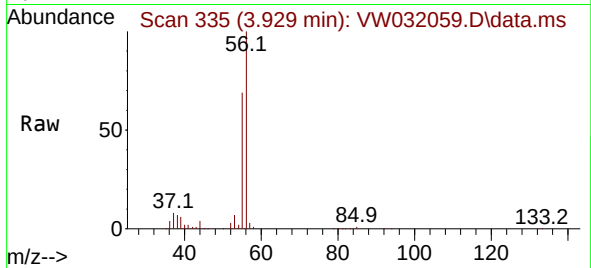




#13
Acrolein
Concen: 236.960 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

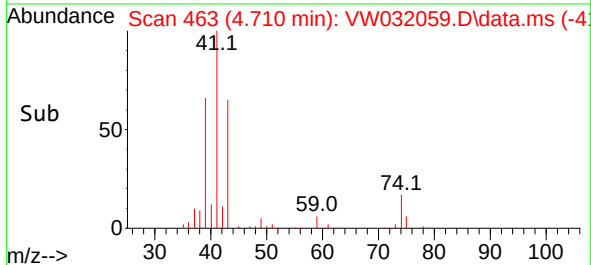
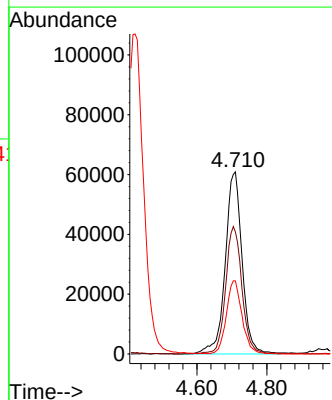
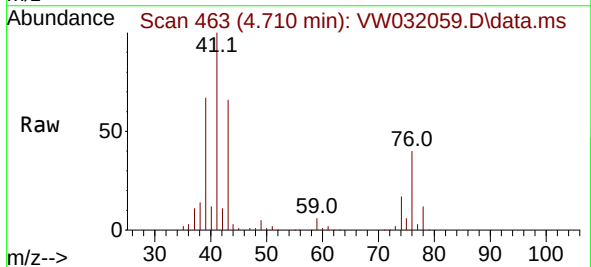
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

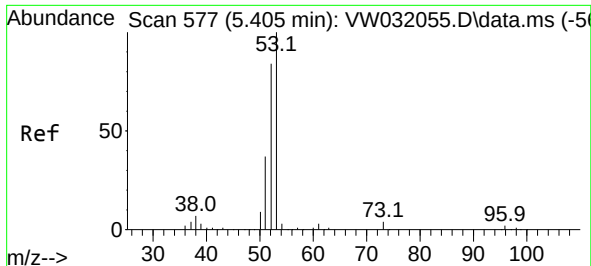
Tgt Ion: 56 Resp: 80072
Ion Ratio Lower Upper
56 100
55 71.1 55.4 83.2



#14
Allyl chloride
Concen: 51.094 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 41 Resp: 204222
Ion Ratio Lower Upper
41 100
39 66.9 54.5 81.7
76 37.4 29.3 43.9

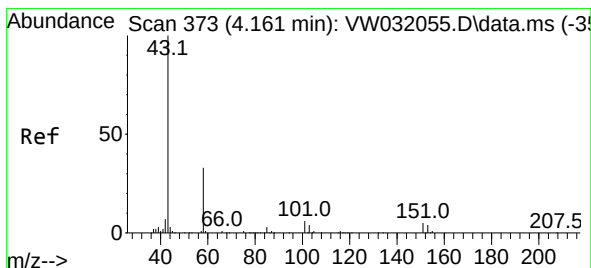
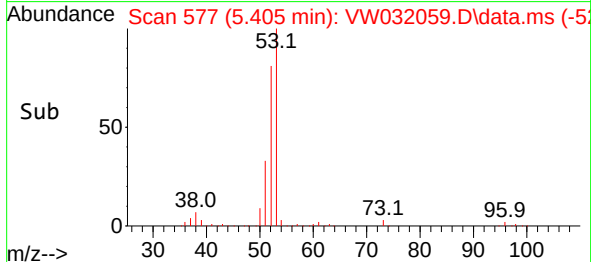
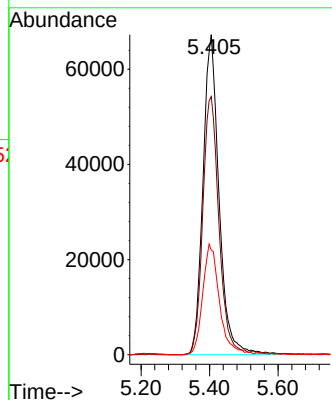
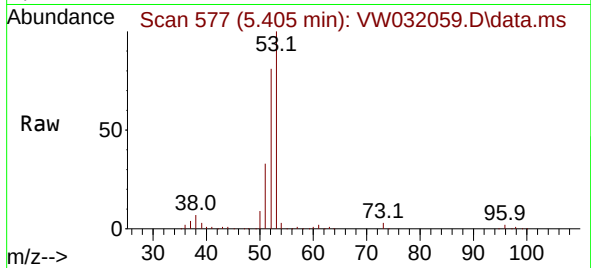




#15
Acrylonitrile
Concen: 265.958 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

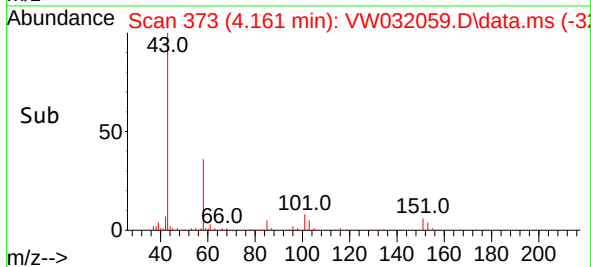
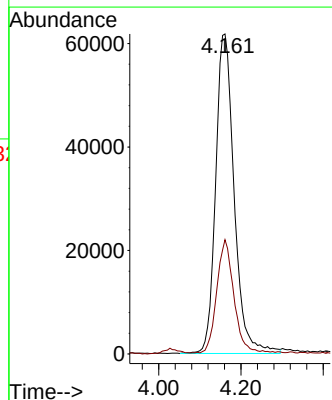
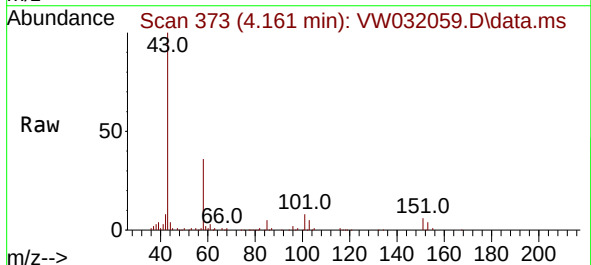
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

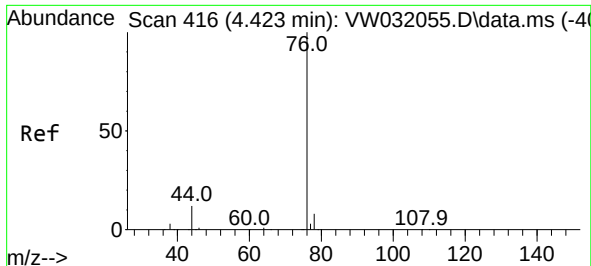
Tgt Ion: 53 Resp: 219409
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 36.0 29.2 43.8



#16
Acetone
Concen: 254.262 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 43 Resp: 192802
Ion Ratio Lower Upper
43 100
58 35.1 26.6 39.8

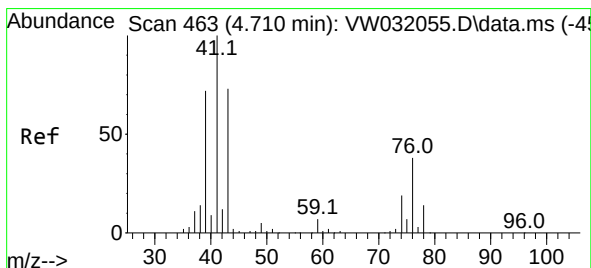
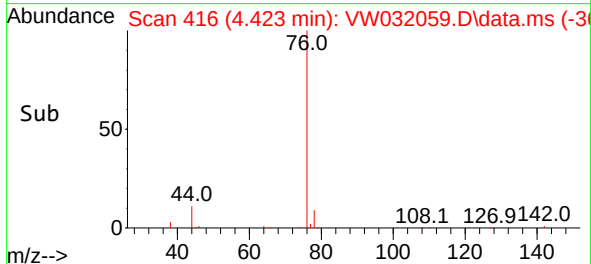
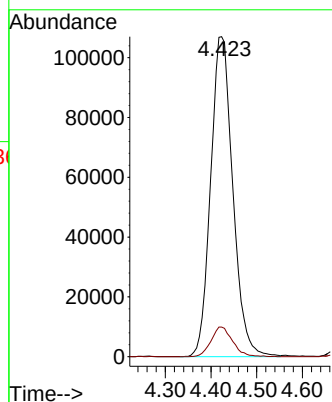
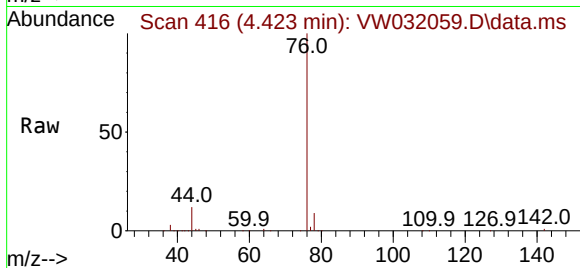




#17
Carbon Disulfide
Concen: 48.970 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

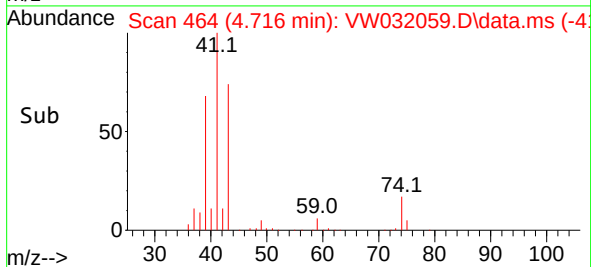
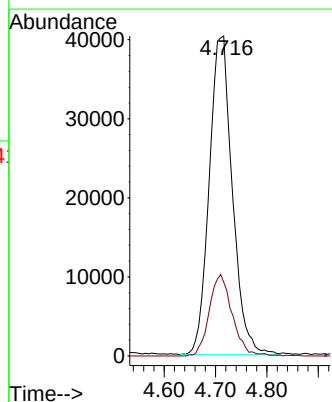
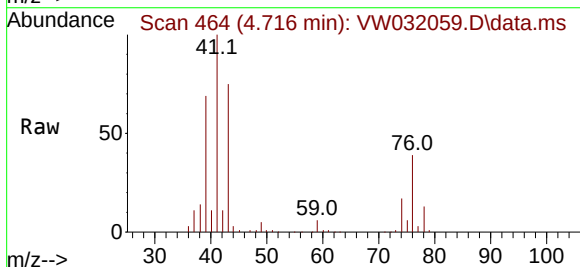
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

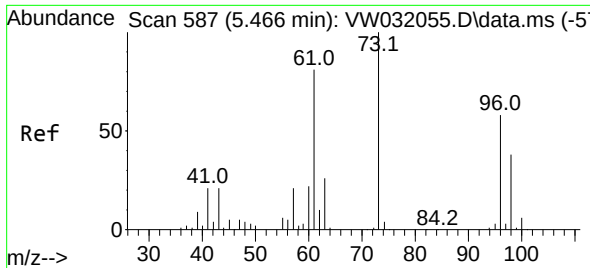
Tgt Ion: 76 Resp: 360982
Ion Ratio Lower Upper
76 100
78 9.3 6.4 9.6



#18
Methyl Acetate
Concen: 52.614 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 43 Resp: 126246
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

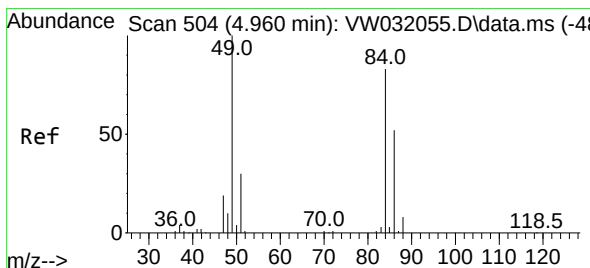
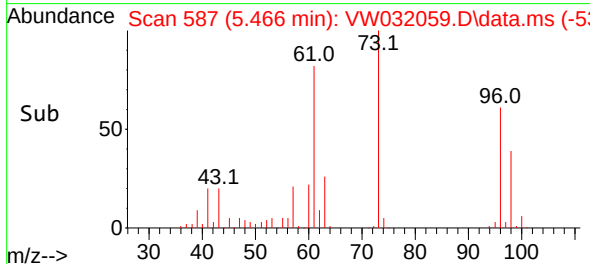
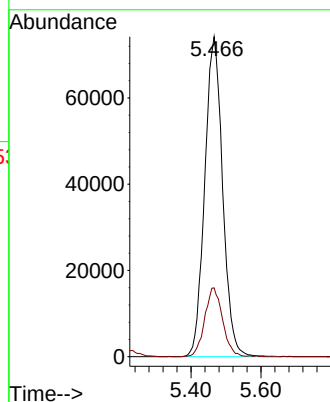
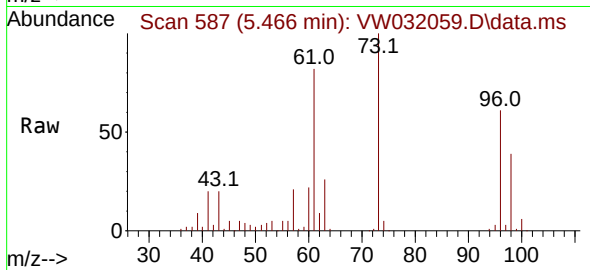




#19
Methyl tert-butyl Ether
Concen: 54.465 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

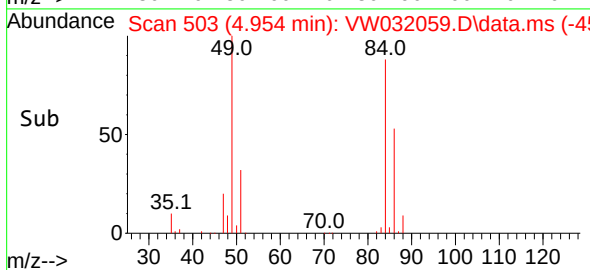
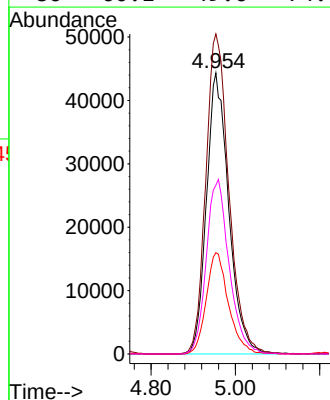
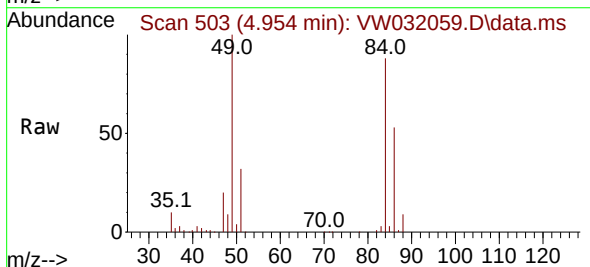
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

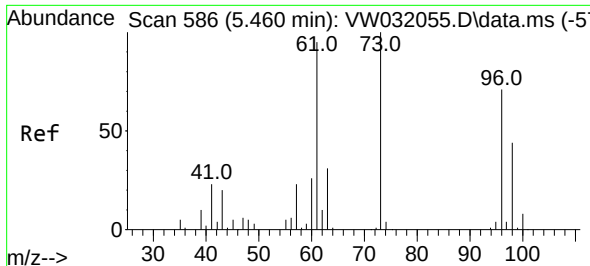
Tgt Ion: 73 Resp: 263546
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8



#20
Methylene Chloride
Concen: 46.453 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 84 Resp: 162865
Ion Ratio Lower Upper
84 100
49 113.9 95.9 143.9
51 36.1 28.6 43.0
86 60.1 49.6 74.4

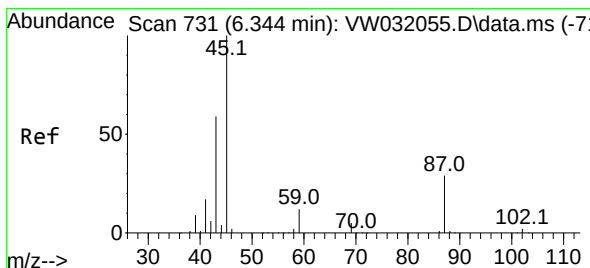
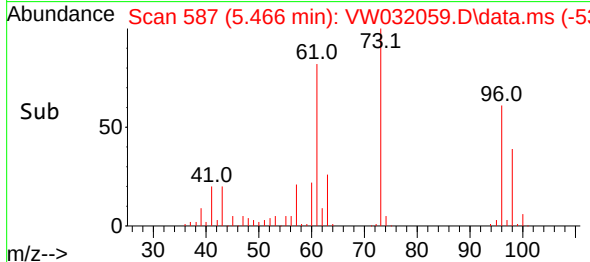
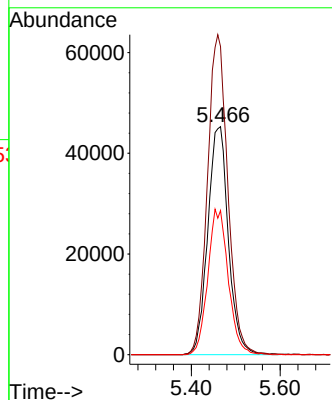
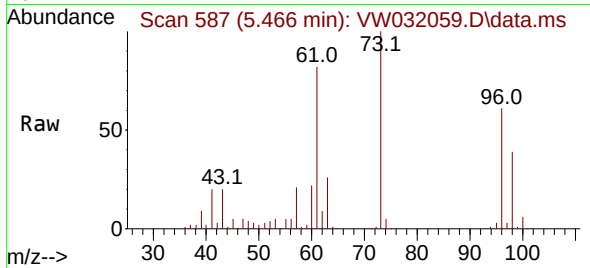




#21
trans-1,2-Dichloroethene
Concen: 50.035 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

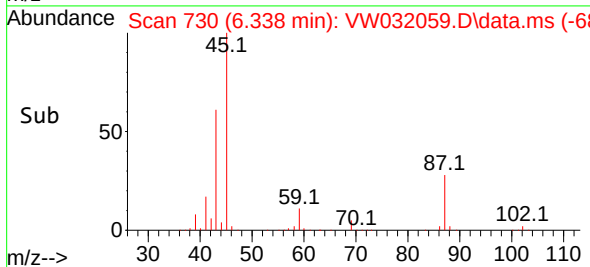
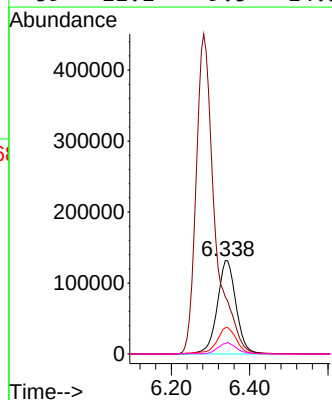
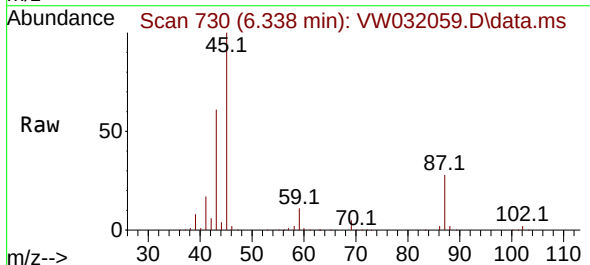
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

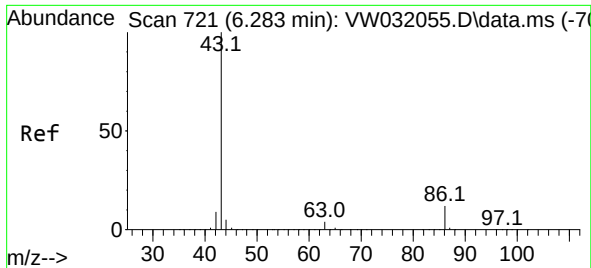
Tgt Ion: 96 Resp: 145825
Ion Ratio Lower Upper
96 100
61 135.2 106.8 160.2
98 63.3 49.6 74.4



#22
Diisopropyl ether
Concen: 52.038 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 45 Resp: 438483
Ion Ratio Lower Upper
45 100
43 60.4 47.0 70.4
87 28.0 23.8 35.8
59 11.1 9.5 14.3

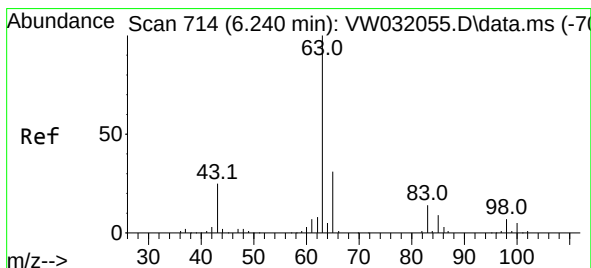
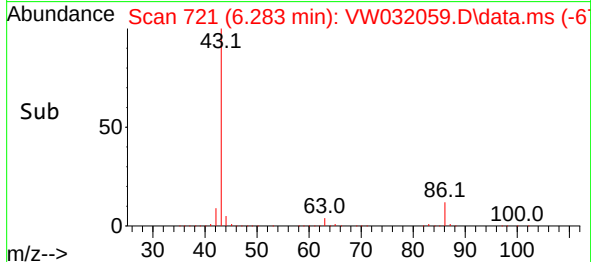
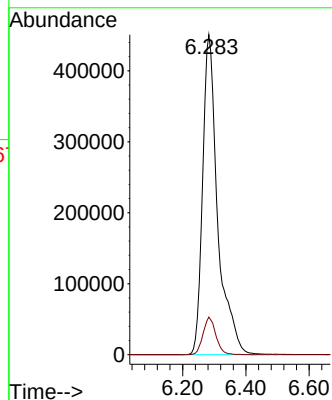
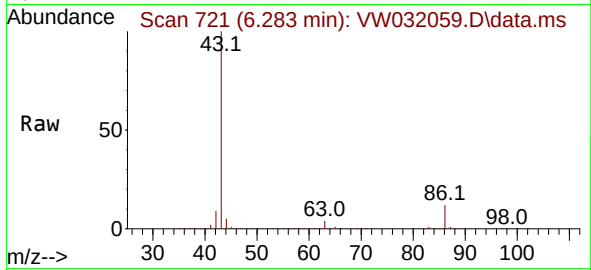




#23
 Vinyl Acetate
 Concen: 270.210 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

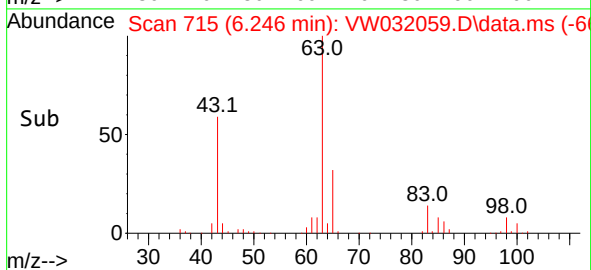
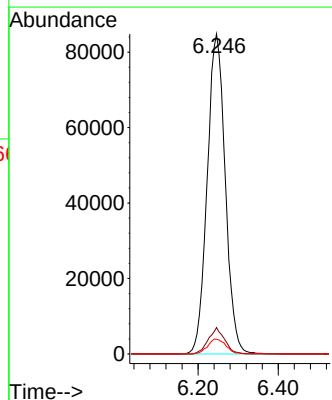
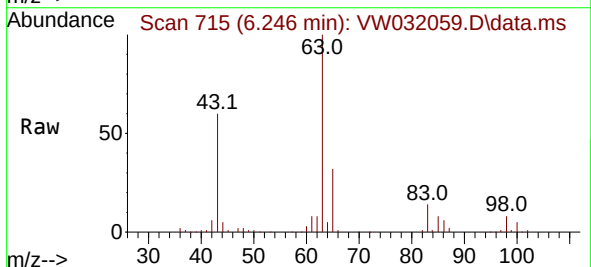
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

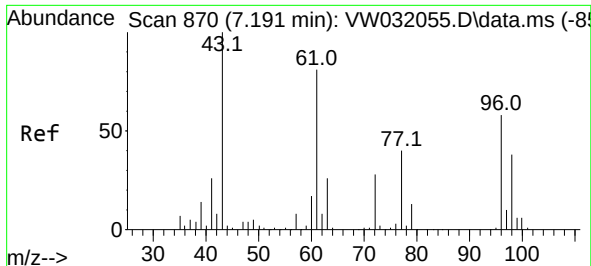
Tgt Ion: 43 Resp: 1494873
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 49.234 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

Tgt Ion: 63 Resp: 265060
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 4.6 2.5 7.4

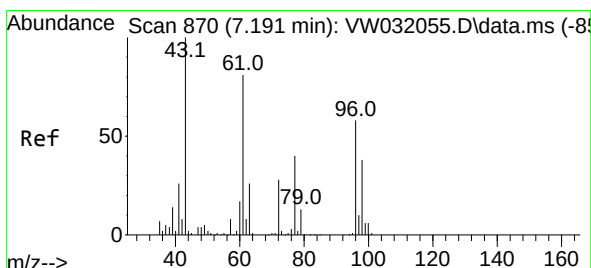
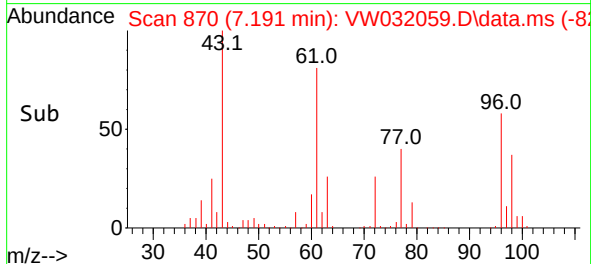
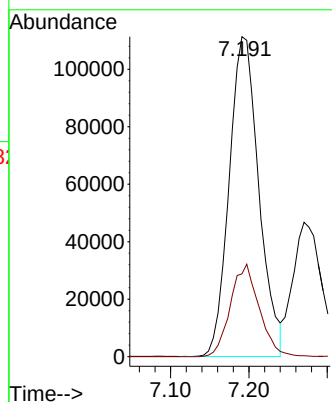
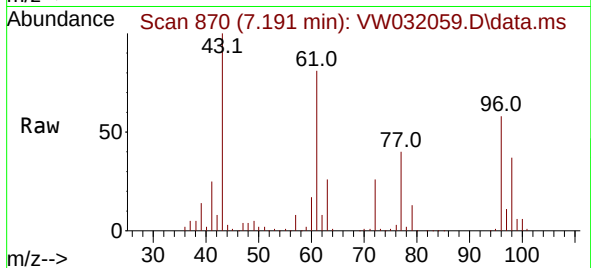




#25
2-Butanone
Concen: 272.083 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

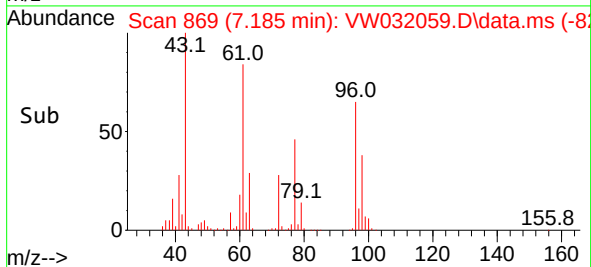
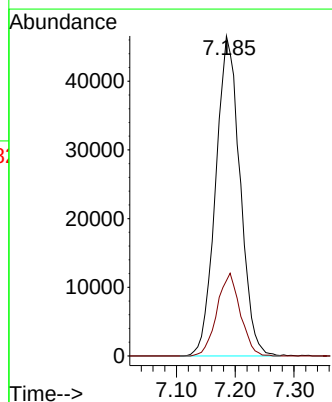
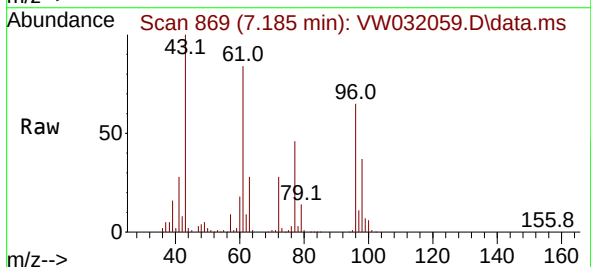
Instrument :
MSVOA_W
ClientSampleId :
ICVVW081125

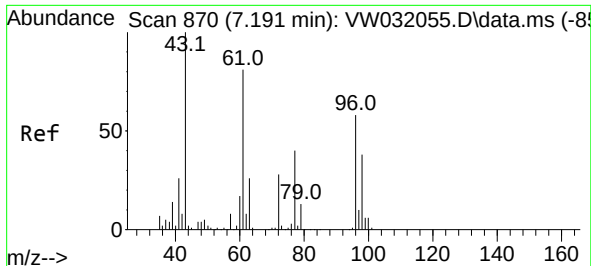
Tgt Ion: 43 Resp: 293227
Ion Ratio Lower Upper
43 100
72 25.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 49.659 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 77 Resp: 134123
Ion Ratio Lower Upper
77 100
97 24.7 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 51.404 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

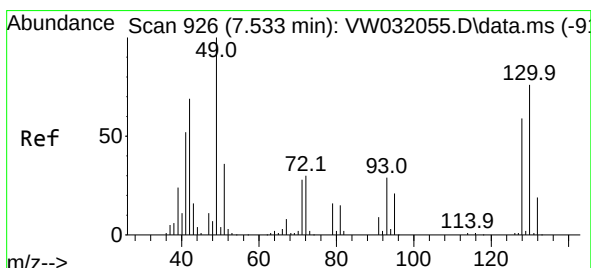
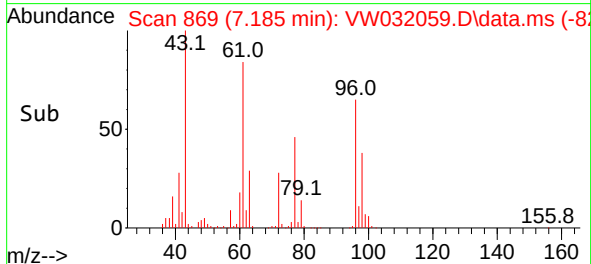
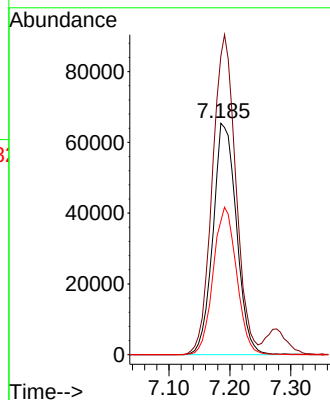
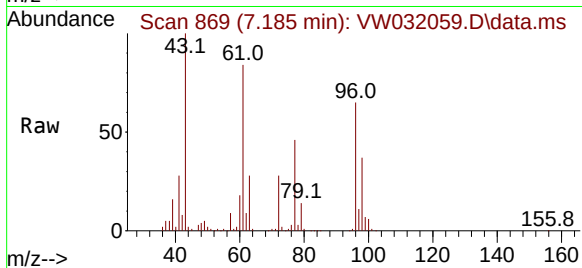
Tgt Ion: 96 Resp: 175120

Ion Ratio Lower Upper

96 100

61 137.9 0.0 281.2

98 63.6 0.0 130.8



#28

Bromochloromethane

Concen: 50.315 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

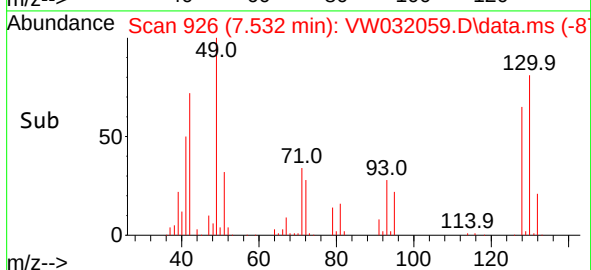
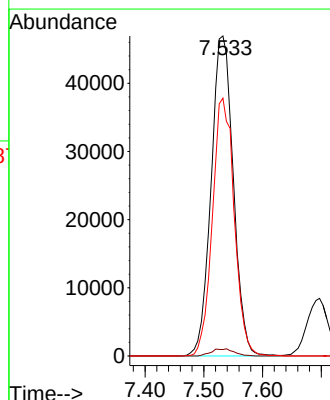
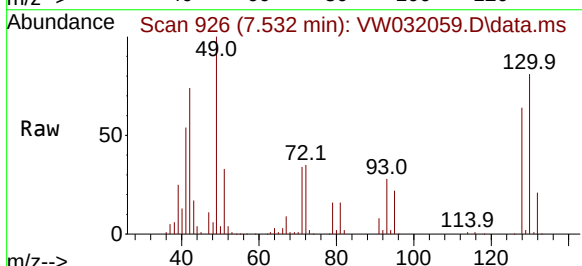
Tgt Ion: 49 Resp: 123268

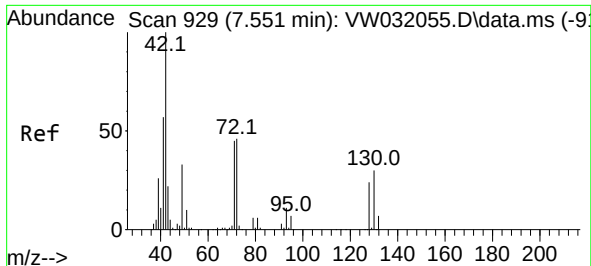
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 79.0 61.9 92.9

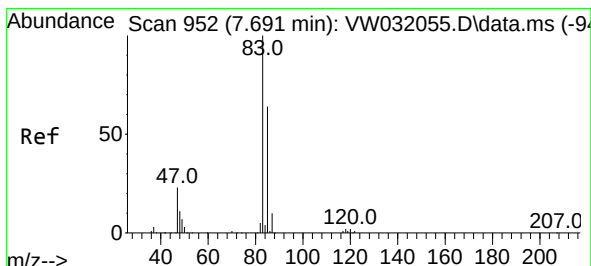
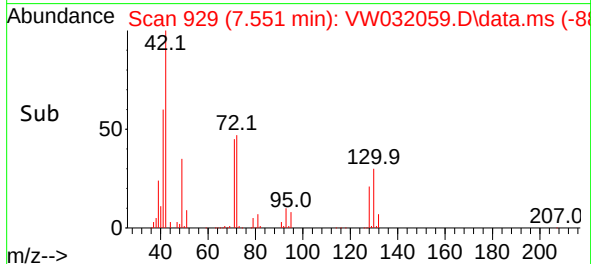
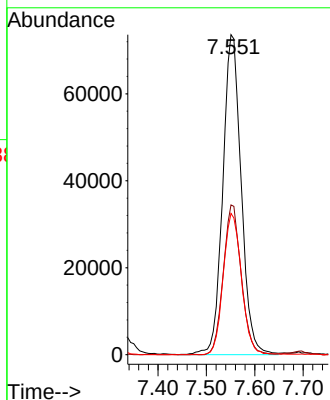
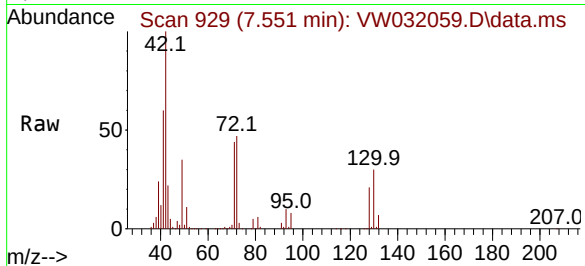




#29
Tetrahydrofuran
Concen: 274.235 ug/l
RT: 7.551 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

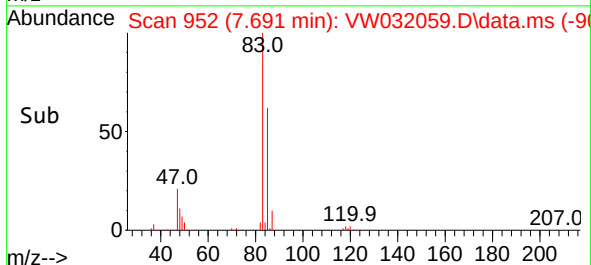
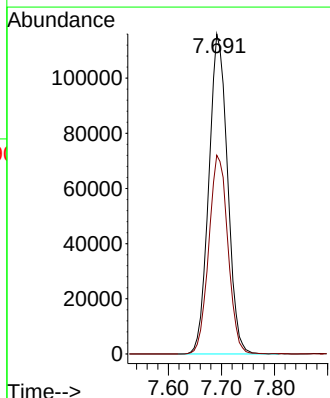
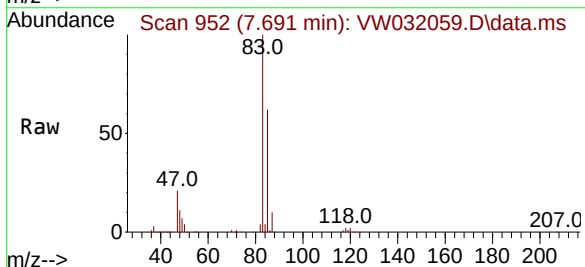
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

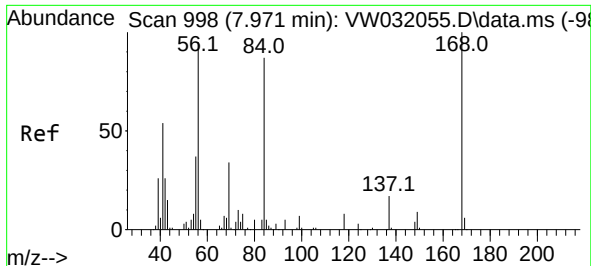
Tgt Ion: 42 Resp: 194909
Ion Ratio Lower Upper
42 100
72 45.7 36.6 55.0
71 43.9 34.7 52.1



#30
Chloroform
Concen: 49.803 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 83 Resp: 284250
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.4

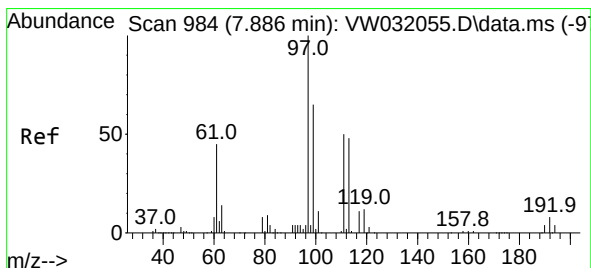
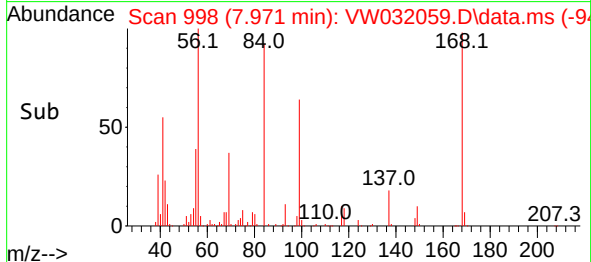
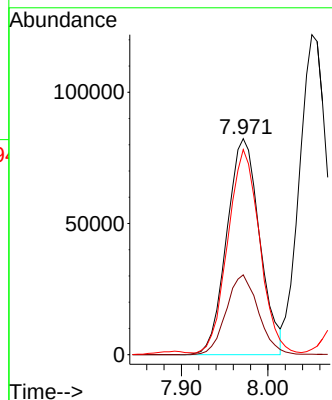
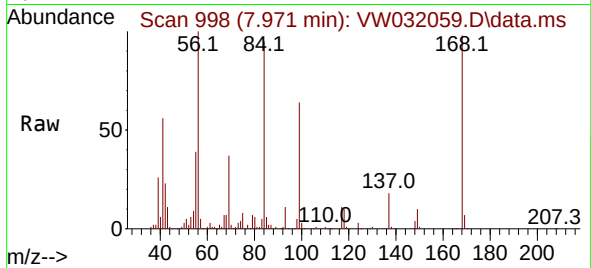




#31
Cyclohexane
Concen: 46.646 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

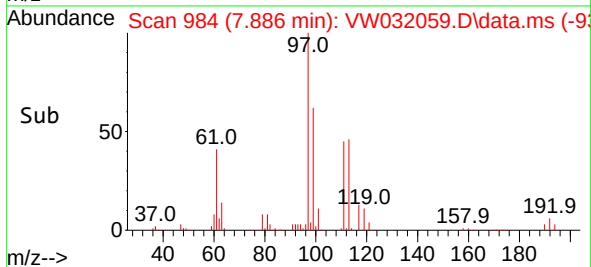
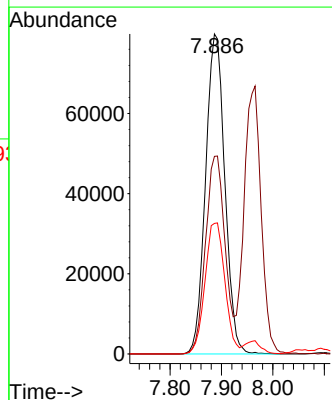
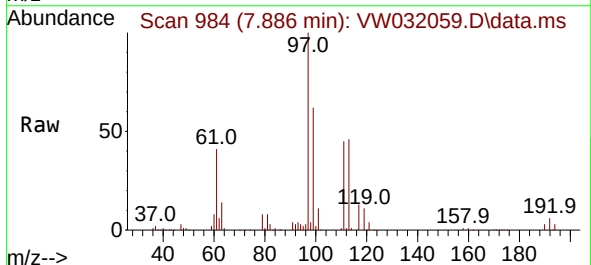
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

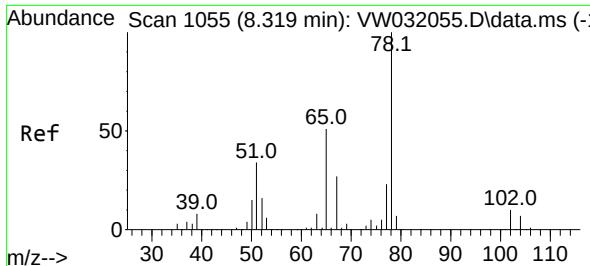
Tgt Ion: 56 Resp: 217714
Ion Ratio Lower Upper
56 100
69 36.9 28.6 42.8
84 93.6 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 50.108 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 97 Resp: 207733
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.8
61 42.4 35.9 53.9

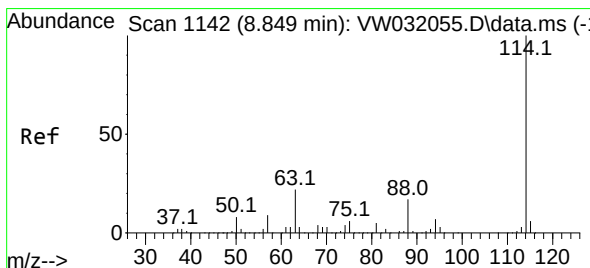
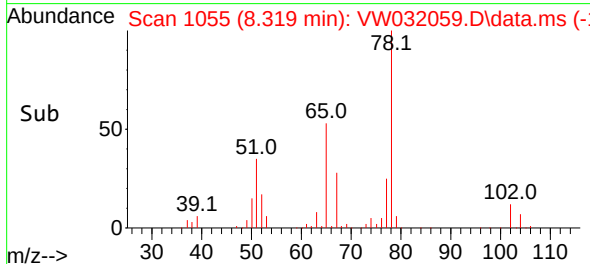
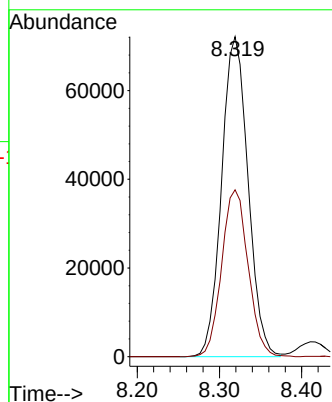
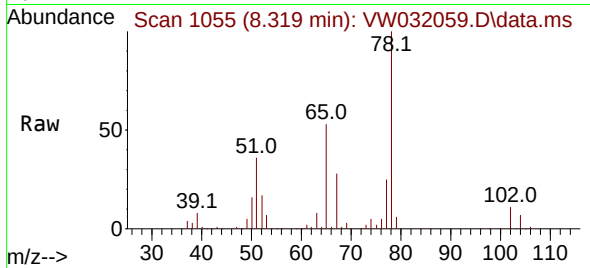




#33
 1,2-Dichloroethane-d4
 Concen: 49.205 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

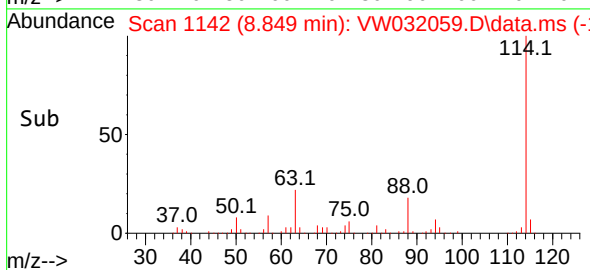
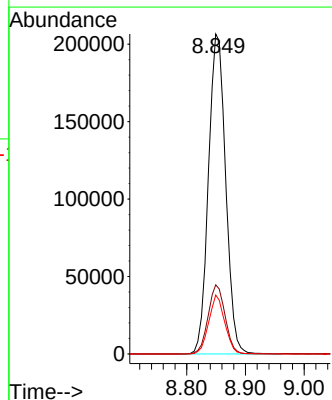
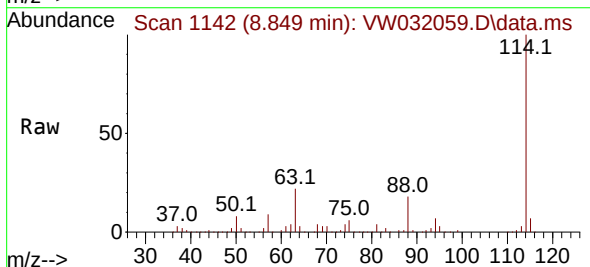
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

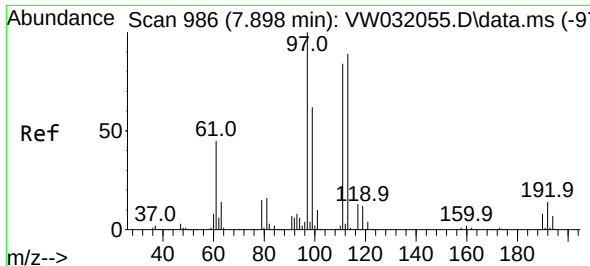
Tgt Ion: 65 Resp: 161155
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

Tgt Ion: 114 Resp: 420434
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.0
 88 18.4 0.0 33.8

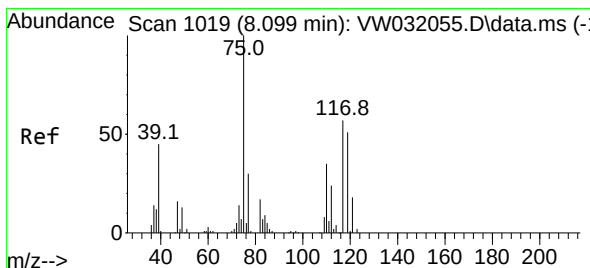
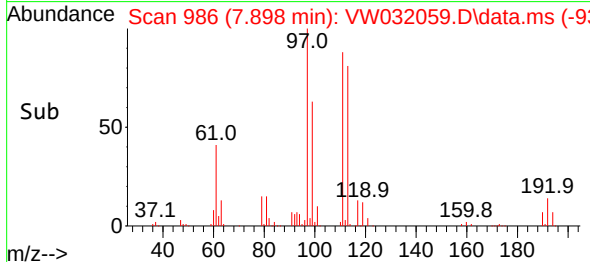
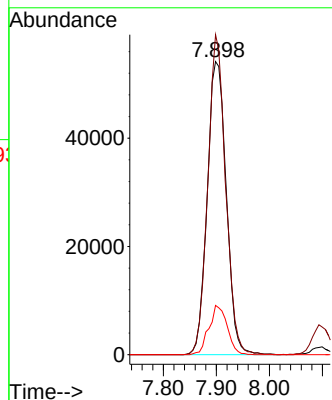
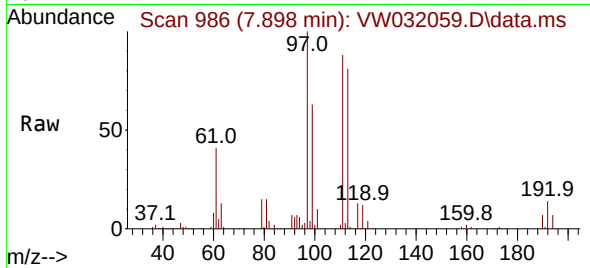




#35
 Dibromofluoromethane
 Concen: 49.939 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

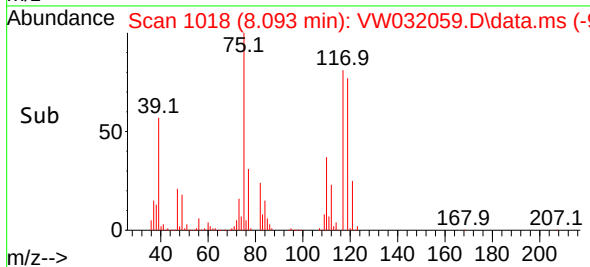
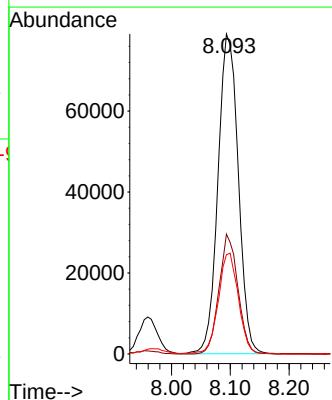
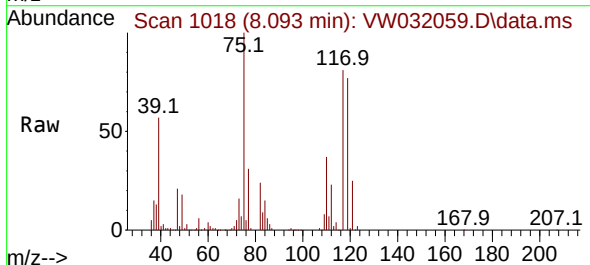
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

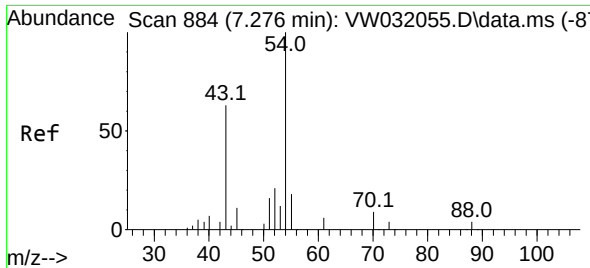
Tgt Ion:113 Resp: 135642
 Ion Ratio Lower Upper
 113 100
 111 102.0 80.1 120.1
 192 16.1 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 49.574 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

Tgt Ion: 75 Resp: 189820
 Ion Ratio Lower Upper
 75 100
 110 34.9 17.4 52.2
 77 31.3 24.7 37.1

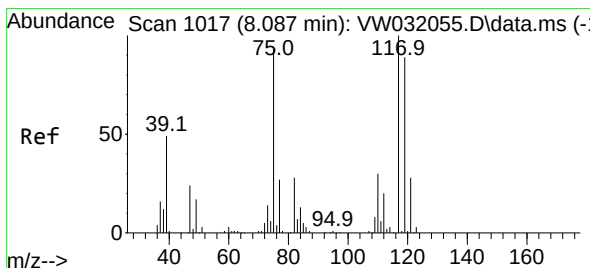
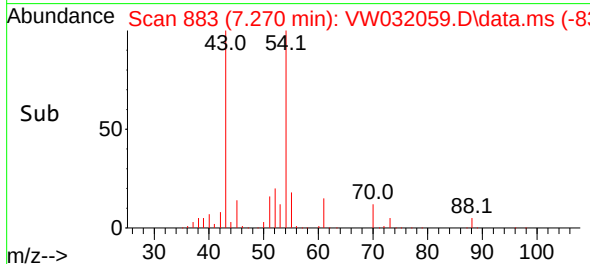
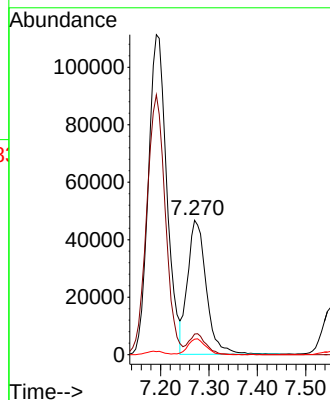
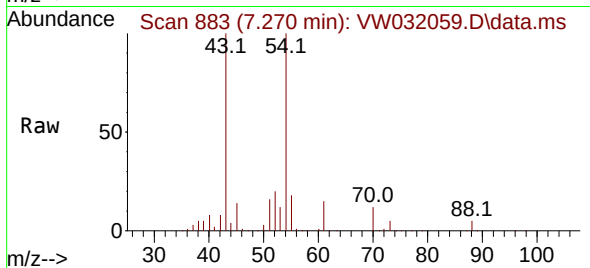




#37
Ethyl Acetate
Concen: 55.214 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

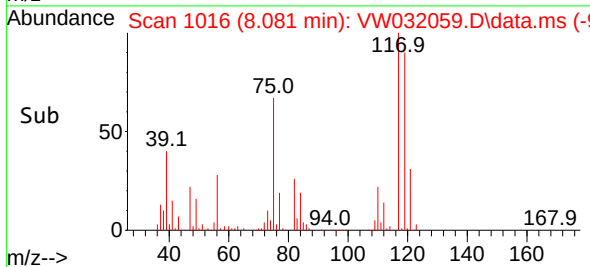
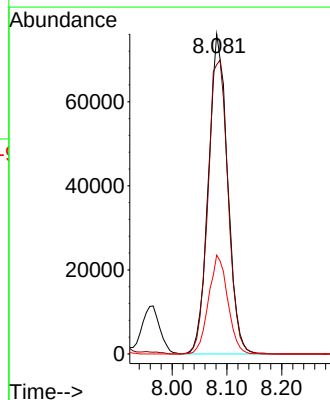
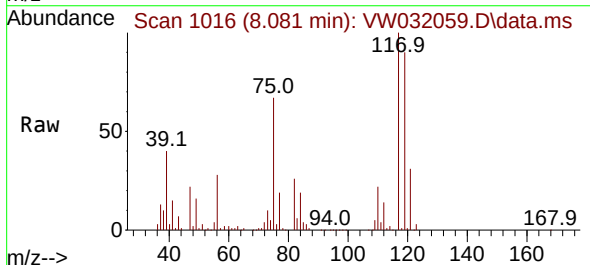
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

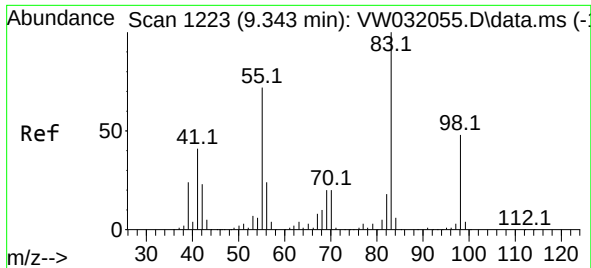
Tgt Ion: 43 Resp: 124516
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.6
70 11.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 50.015 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 117 Resp: 184816
Ion Ratio Lower Upper
117 100
119 90.4 71.4 107.2
121 30.9 22.3 33.5

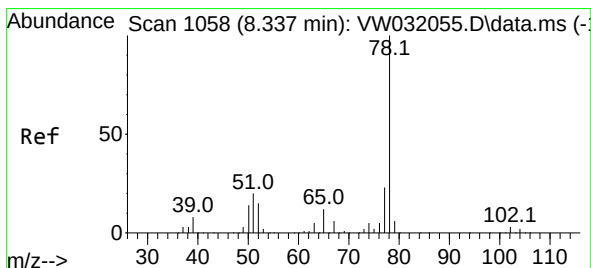
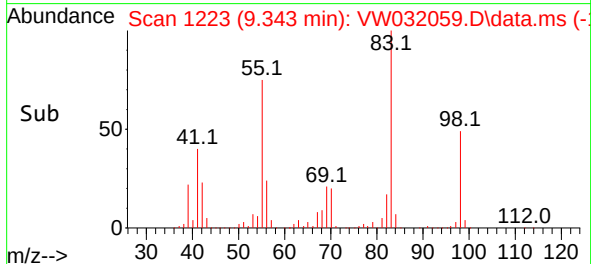
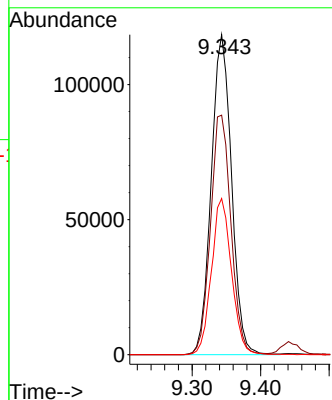
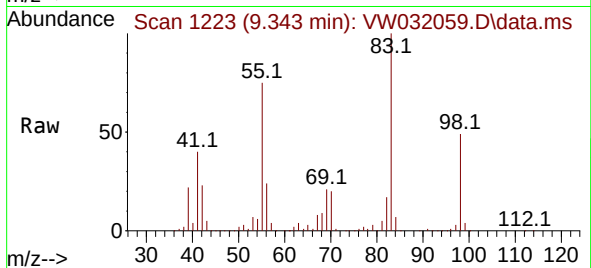




#39
Methylcyclohexane
Concen: 52.181 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

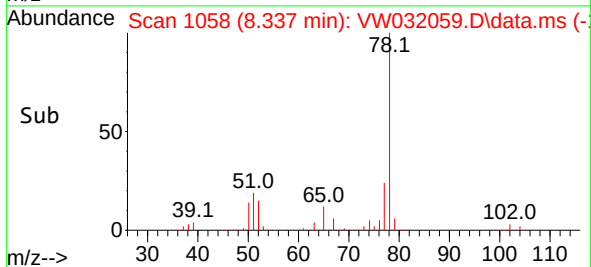
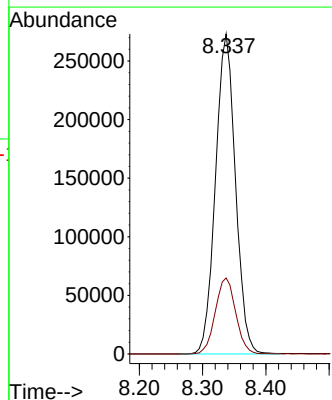
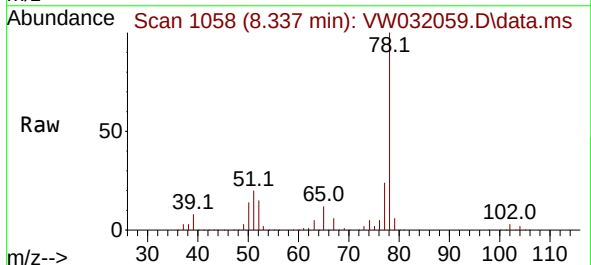
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

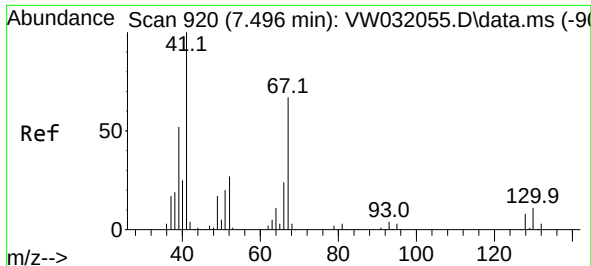
Tgt Ion: 83 Resp: 243533
Ion Ratio Lower Upper
83 100
55 74.9 57.9 86.9
98 48.8 38.3 57.5



#40
Benzene
Concen: 50.272 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 78 Resp: 598350
Ion Ratio Lower Upper
78 100
77 23.7 18.4 27.6

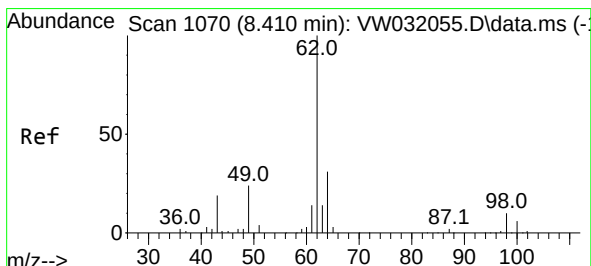
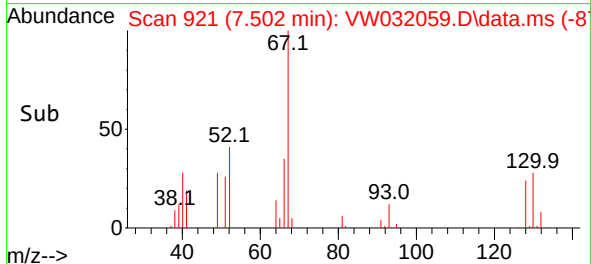
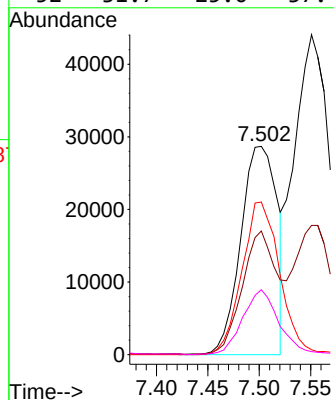
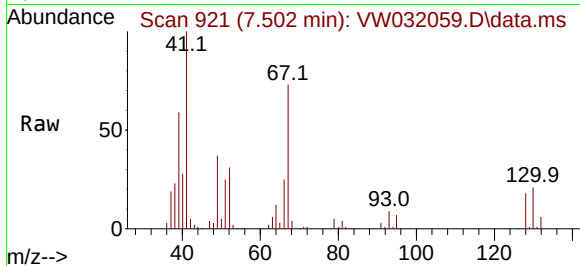




#41
Methacrylonitrile
Concen: 55.204 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

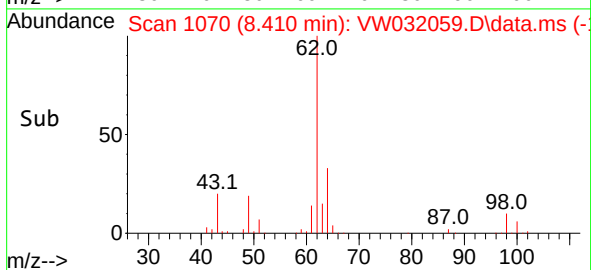
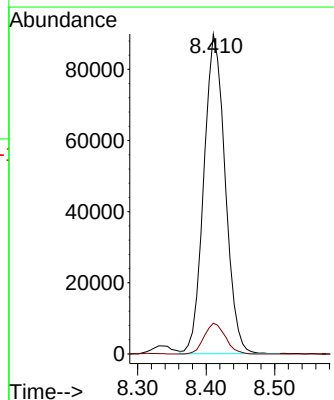
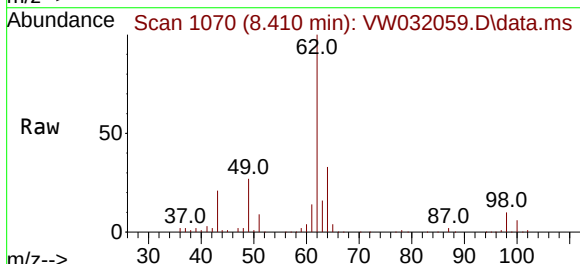
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

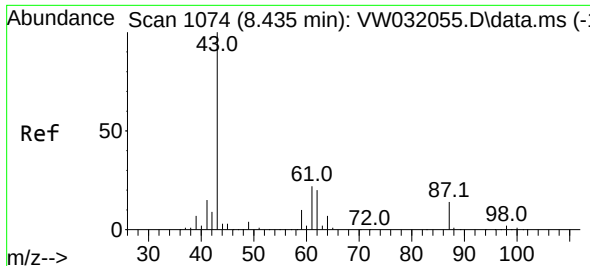
Tgt Ion:	41	Resp:	70600
Ion	Ratio	Lower	Upper
41	100		
39	60.0	42.6	63.8
67	76.4	61.0	91.4
52	31.7	25.0	37.4



#42
1,2-Dichloroethane
Concen: 51.154 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:	62	Resp:	194825
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

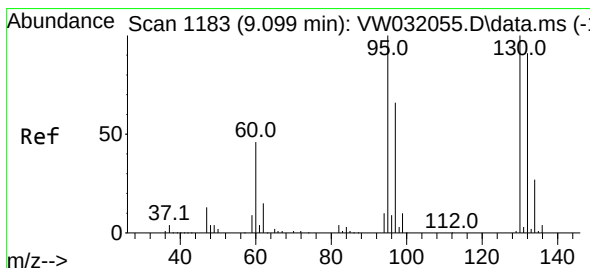
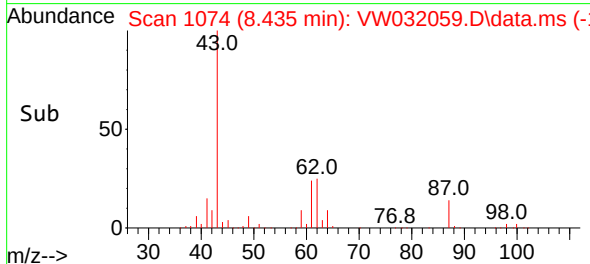
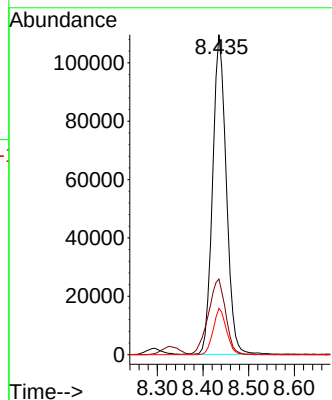
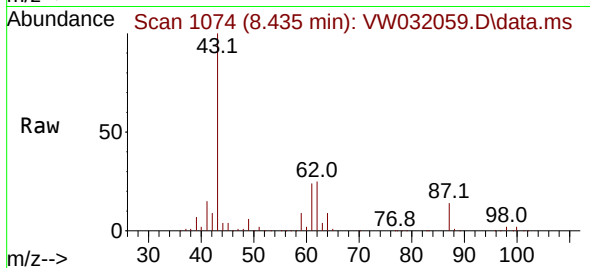




#43
Isopropyl Acetate
Concen: 54.846 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

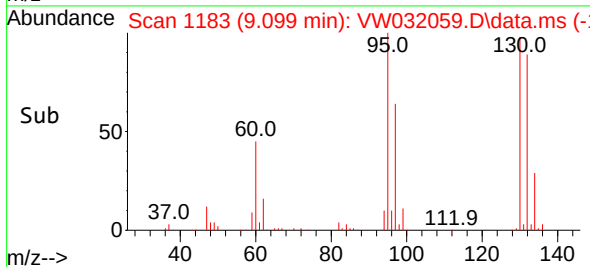
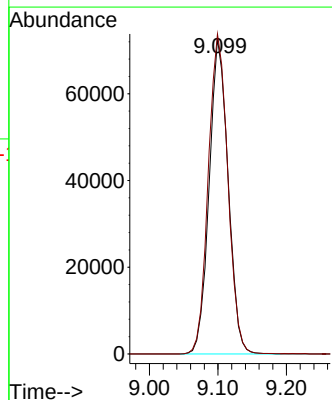
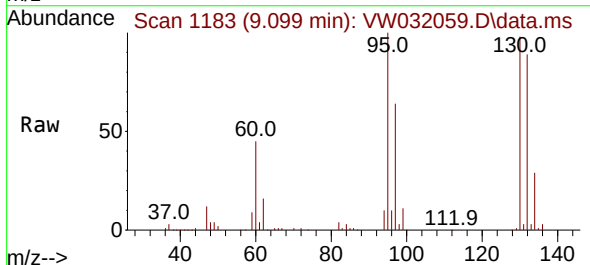
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

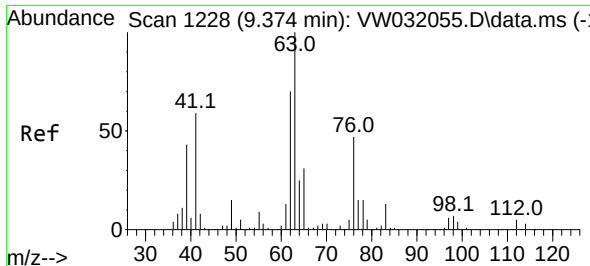
Tgt Ion: 43 Resp: 227561
Ion Ratio Lower Upper
43 100
61 29.6 23.8 35.8
87 14.1 11.7 17.5



#44
Trichloroethene
Concen: 49.175 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:130 Resp: 139383
Ion Ratio Lower Upper
130 100
95 101.6 0.0 200.6

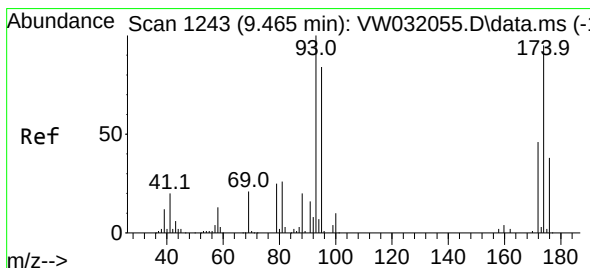
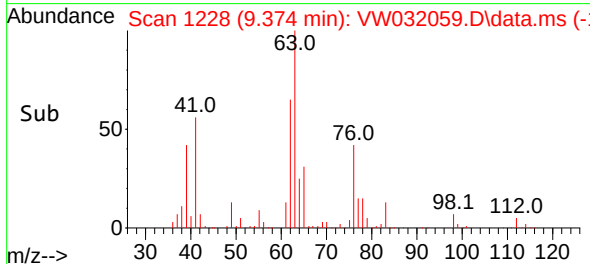
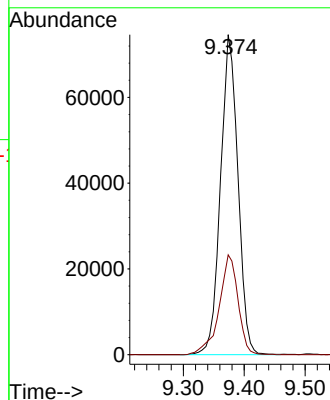
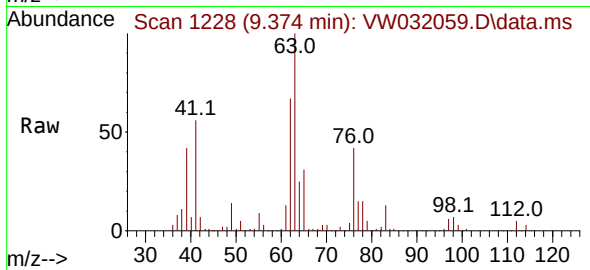




#45
1,2-Dichloropropane
Concen: 51.403 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

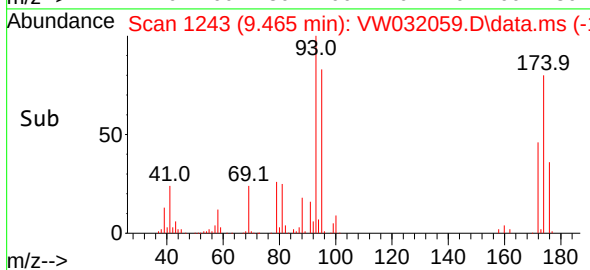
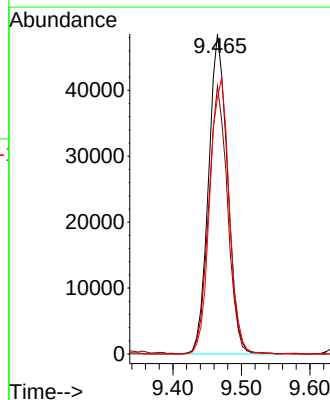
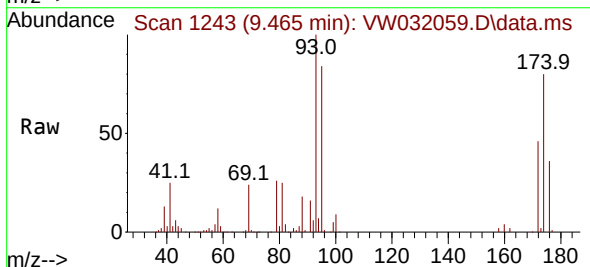
Instrument : MSVOA_W
ClientSampleId : ICVVW081125

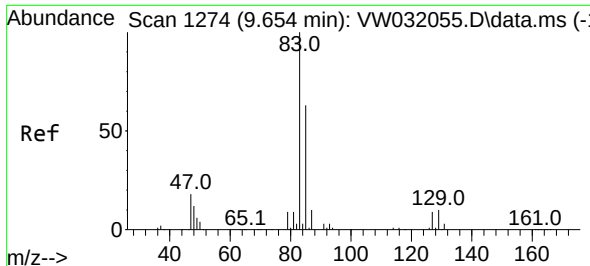
Tgt Ion: 63 Resp: 147807
Ion Ratio Lower Upper
63 100
65 31.2 24.6 36.8



#46
Dibromomethane
Concen: 50.497 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 93 Resp: 93713
Ion Ratio Lower Upper
93 100
95 83.5 65.3 97.9
174 88.0 68.6 102.8

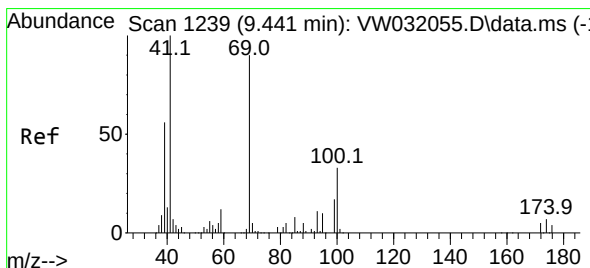
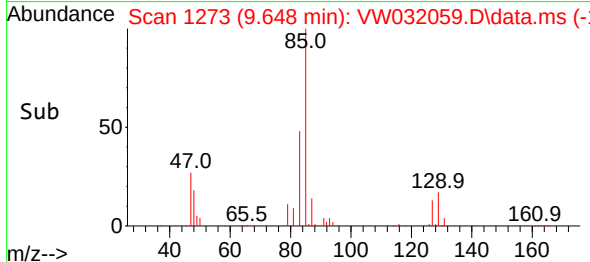
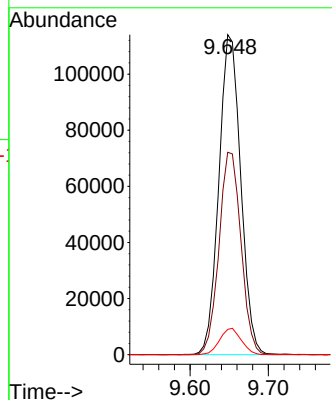
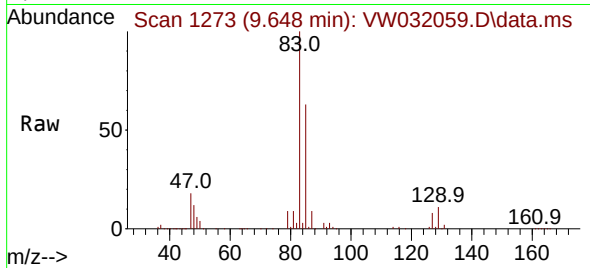




#47
Bromodichloromethane
Concen: 51.775 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

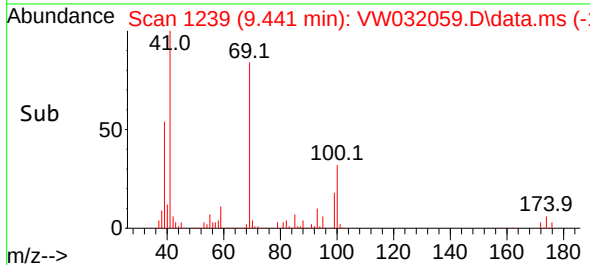
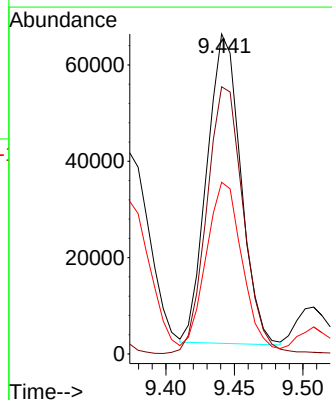
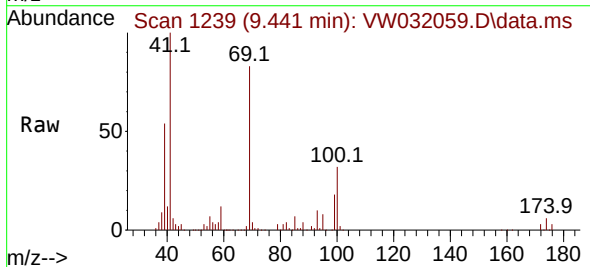
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

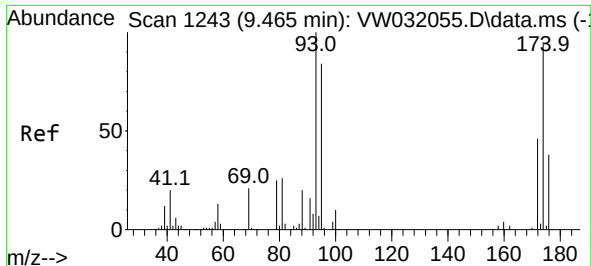
Tgt Ion: 83 Resp: 221409
Ion Ratio Lower Upper
83 100
85 63.3 50.6 75.8
127 7.9 6.9 10.3



#48
Methyl methacrylate
Concen: 55.048 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 41 Resp: 110265
Ion Ratio Lower Upper
41 100
69 94.5 73.0 109.6
39 56.0 45.0 67.4





#49

1,4-Dioxane

Concen: 1155.151 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

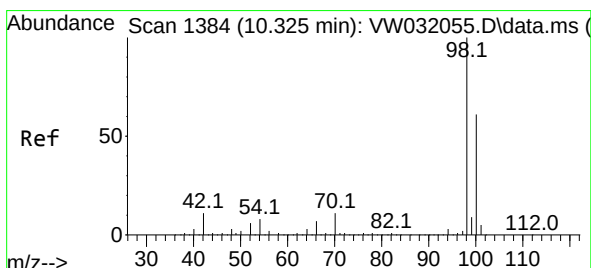
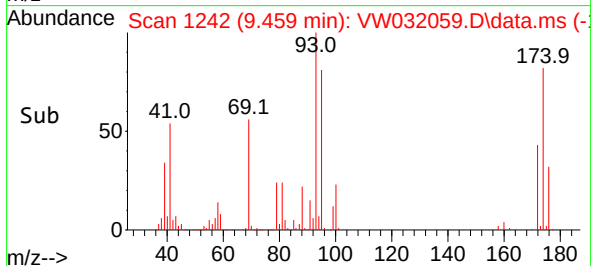
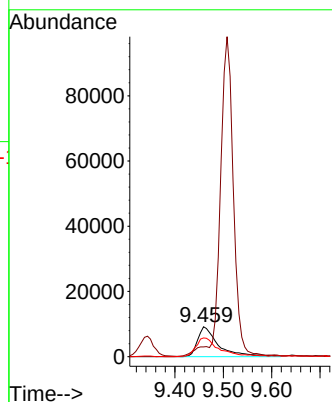
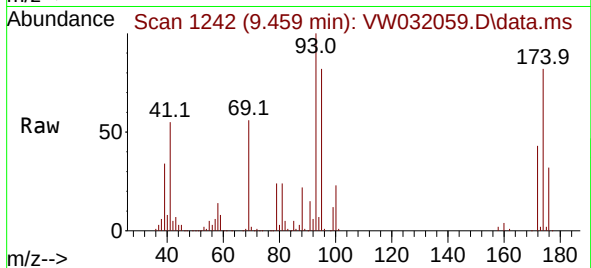
Tgt Ion: 88 Resp: 27718

Ion Ratio Lower Upper

88 100

43 0.0 20.6 30.8#

58 70.8 60.4 90.6



#50

Toluene-d8

Concen: 49.708 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032059.D

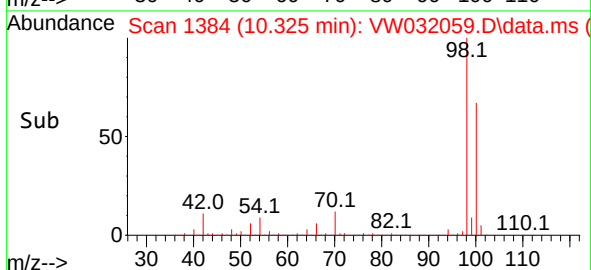
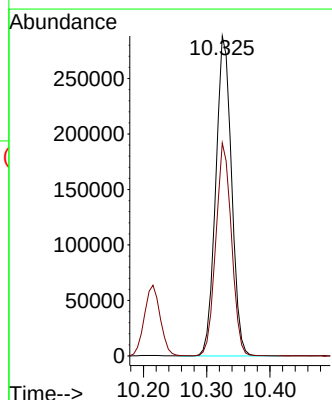
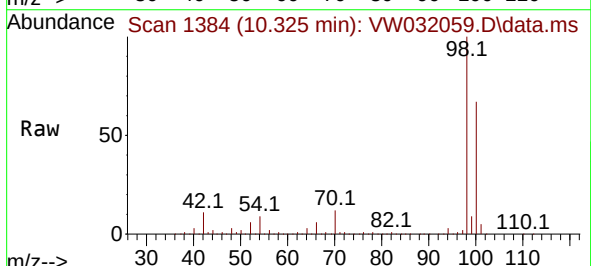
Acq: 11 Aug 2025 11:51

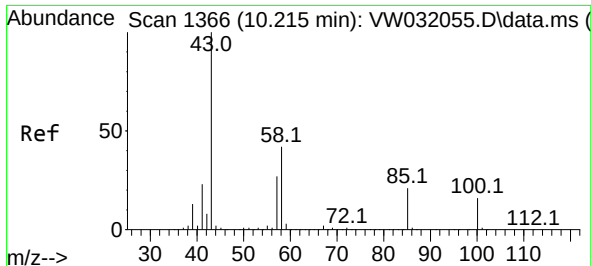
Tgt Ion: 98 Resp: 499377

Ion Ratio Lower Upper

98 100

100 65.9 51.1 76.7

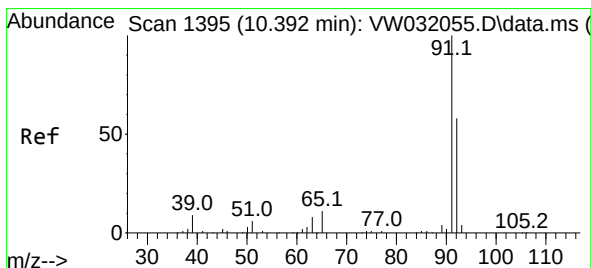
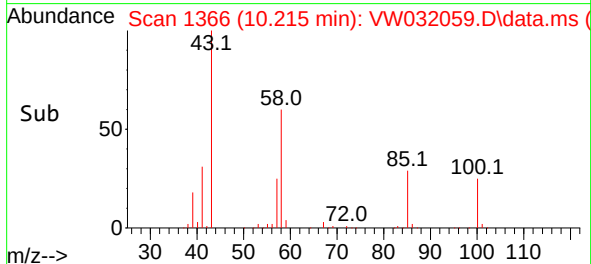
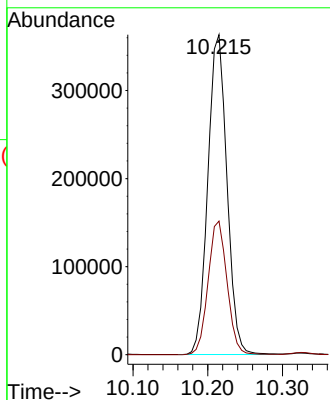
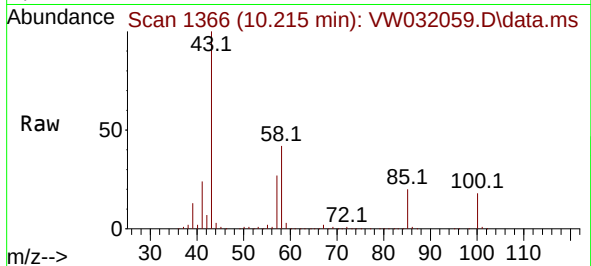




#51
4-Methyl-2-Pentanone
Concen: 275.585 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

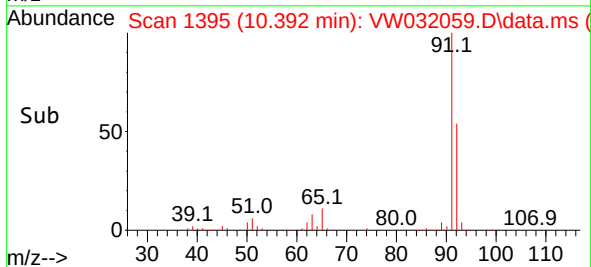
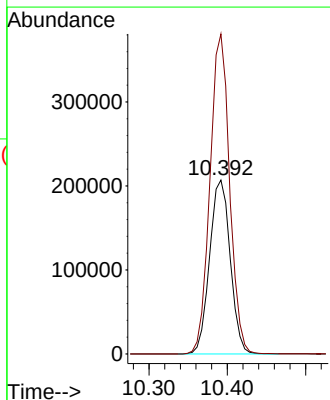
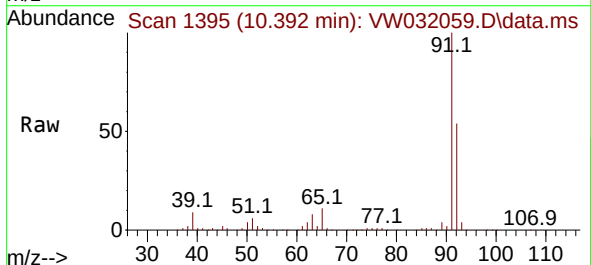
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

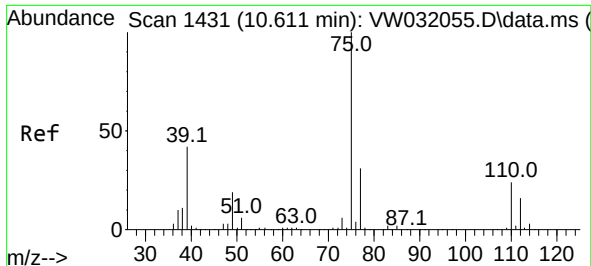
Tgt Ion: 43 Resp: 645391
Ion Ratio Lower Upper
43 100
58 41.5 33.1 49.7



#52
Toluene
Concen: 50.410 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 92 Resp: 377919
Ion Ratio Lower Upper
92 100
91 175.7 136.3 204.5

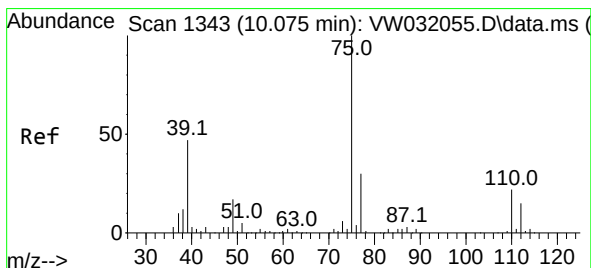
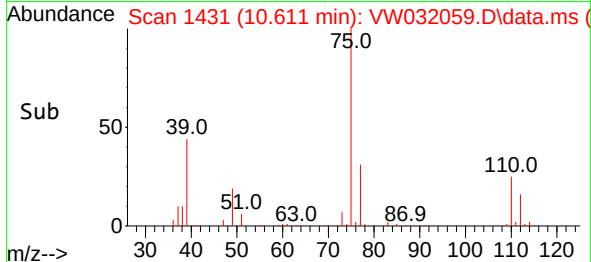
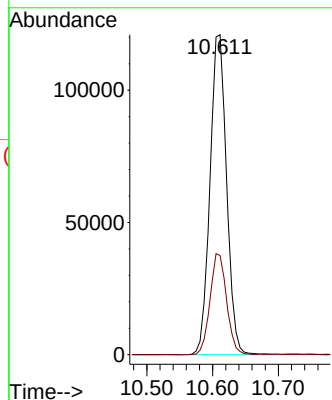
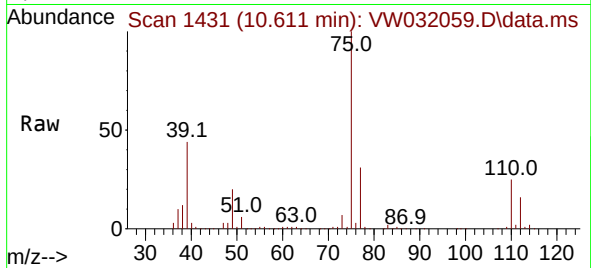




#53
 t-1,3-Dichloropropene
 Concen: 53.108 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

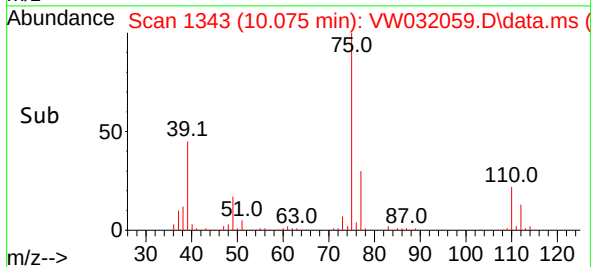
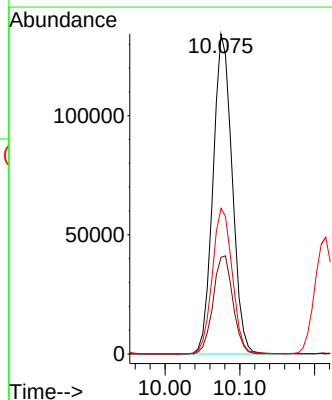
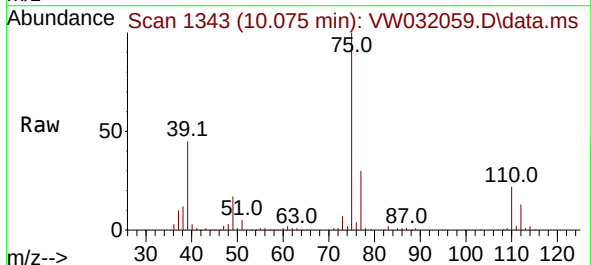
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

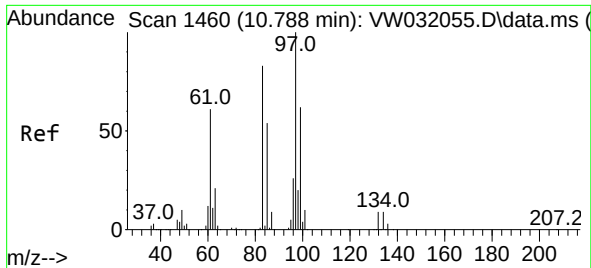
Tgt Ion: 75 Resp: 212772
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.577 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032059.D
 Acq: 11 Aug 2025 11:51

Tgt Ion: 75 Resp: 238970
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.0 36.0
 39 45.4 37.8 56.8



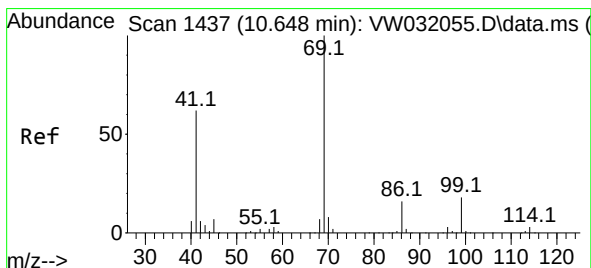
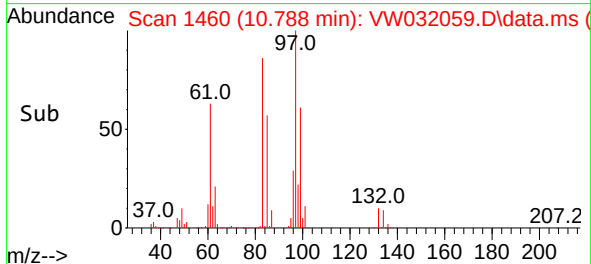
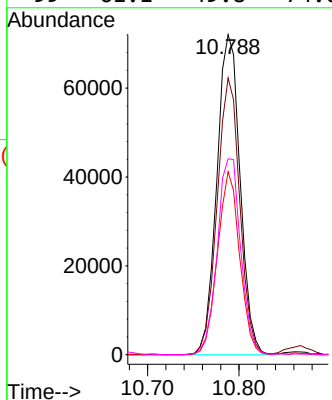
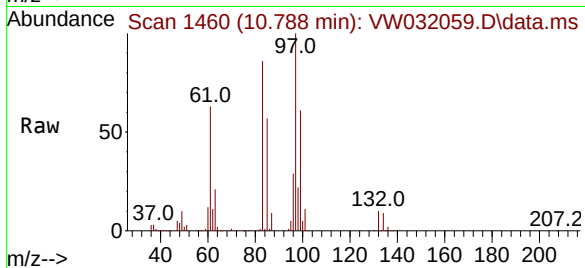


#55
1,1,2-Trichloroethane
Concen: 51.716 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

Tgt Ion: 97 Resp: 127536

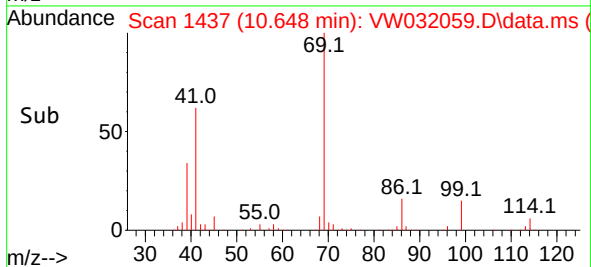
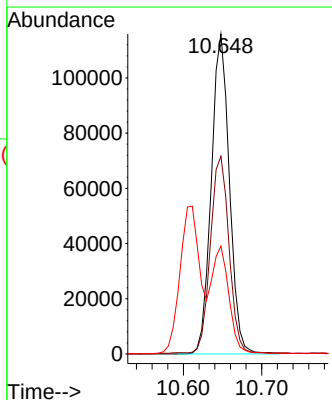
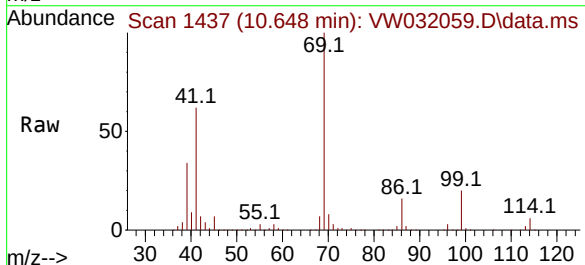
Ion	Ratio	Lower	Upper
97	100		
83	86.4	66.4	99.6
85	57.2	43.1	64.7
99	61.1	49.8	74.6

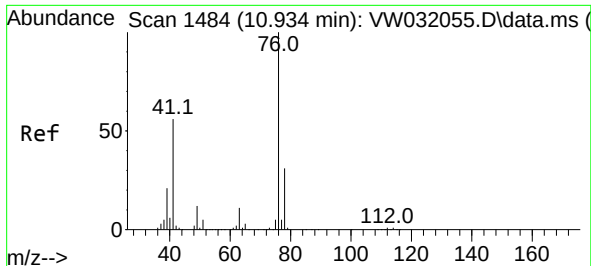


#56
Ethyl methacrylate
Concen: 56.374 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 69 Resp: 186039

Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.2	76.8
39	31.4	25.4	38.0





#57

1,3-Dichloropropane

Concen: 51.186 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

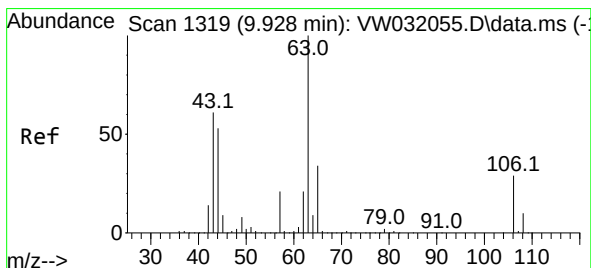
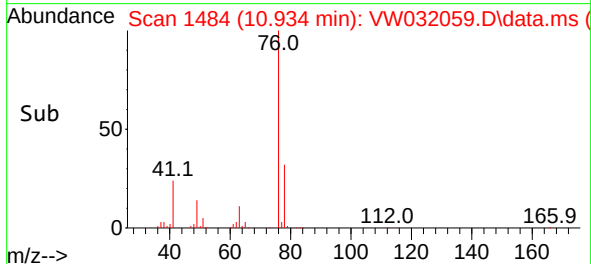
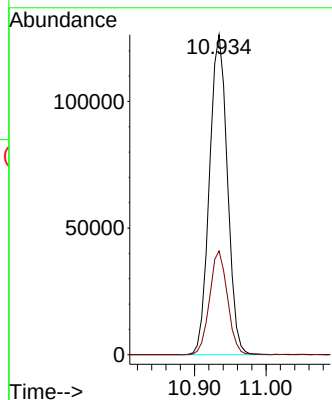
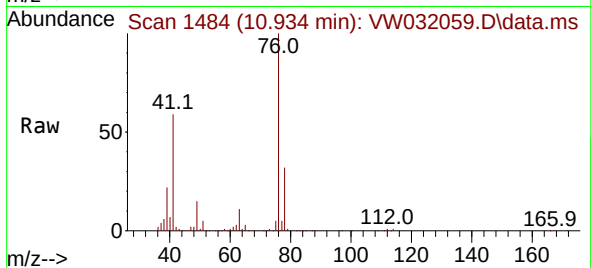
ICVW081125

Tgt Ion: 76 Resp: 220027

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.893 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032059.D

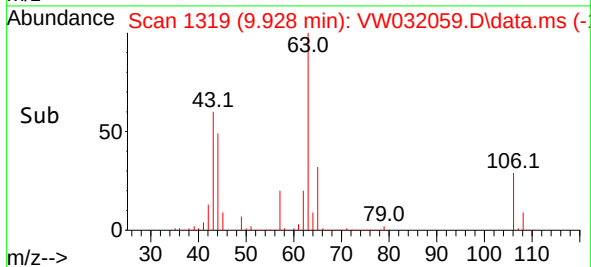
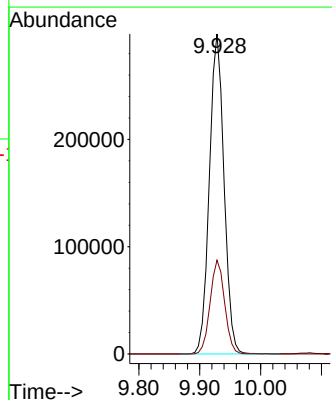
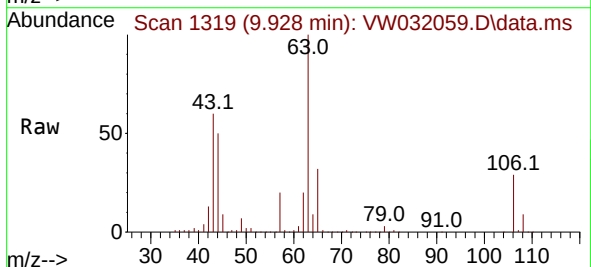
Acq: 11 Aug 2025 11:51

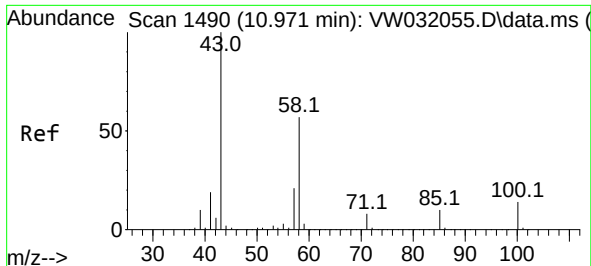
Tgt Ion: 63 Resp: 498131

Ion Ratio Lower Upper

63 100

106 29.0 23.5 35.3

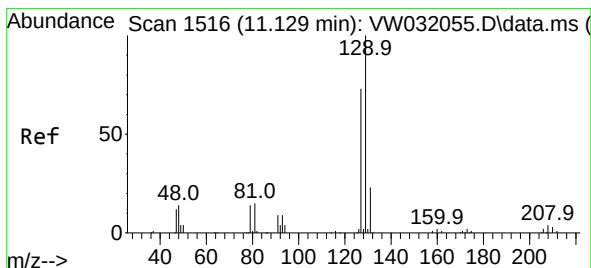
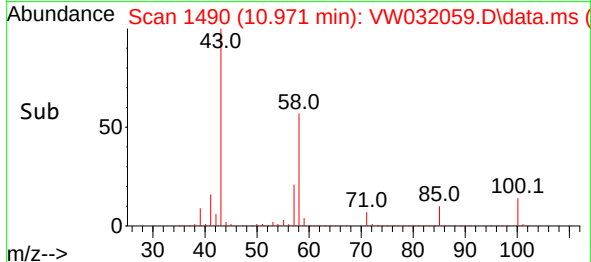
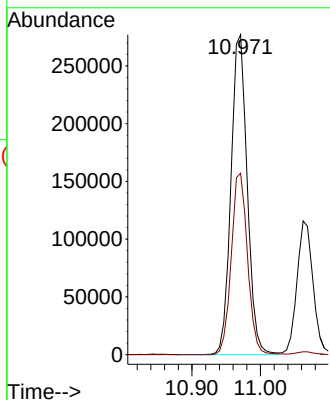
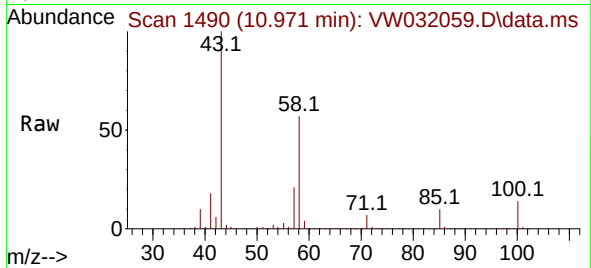




#59
2-Hexanone
Concen: 281.817 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

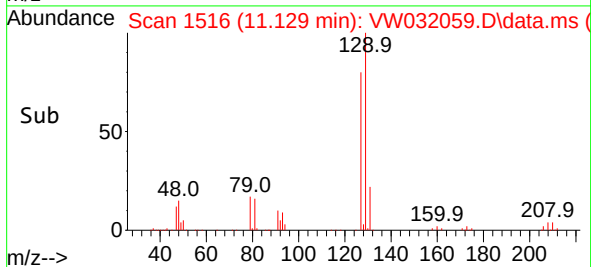
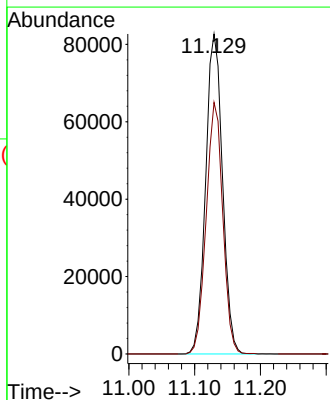
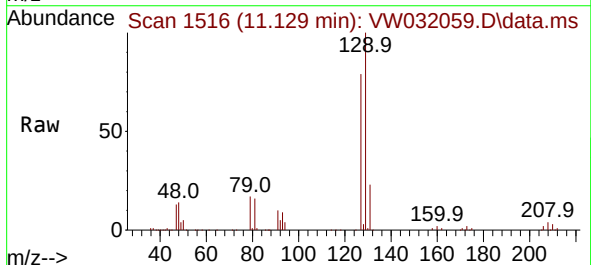
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

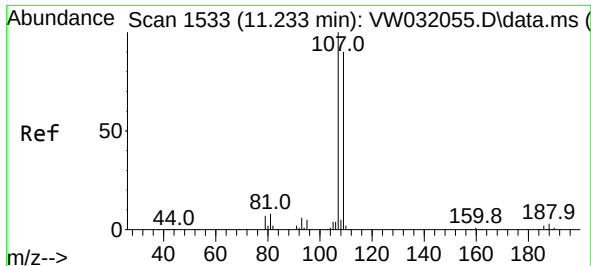
Tgt Ion: 43 Resp: 457083
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0



#60
Dibromochloromethane
Concen: 52.276 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:129 Resp: 147264
Ion Ratio Lower Upper
129 100
127 77.5 39.0 116.9

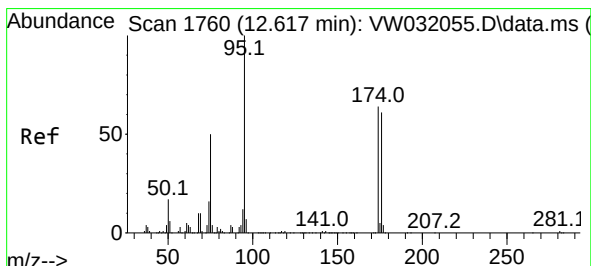
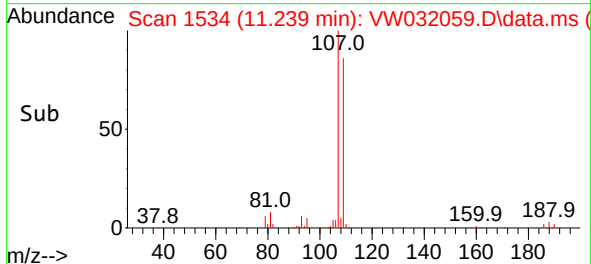
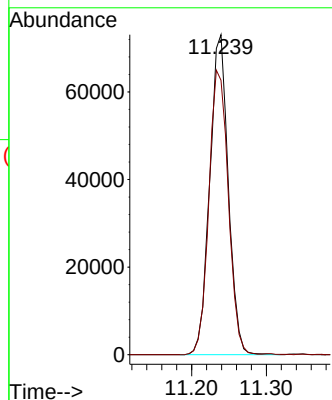
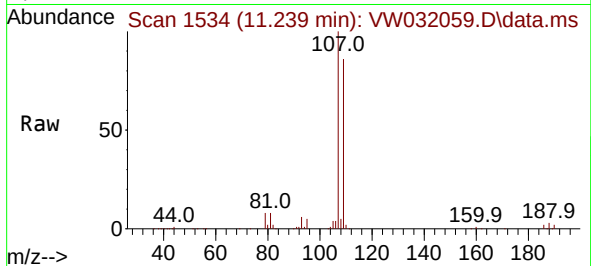




#61
1,2-Dibromoethane
Concen: 52.603 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

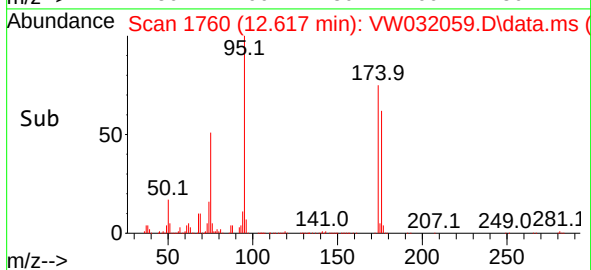
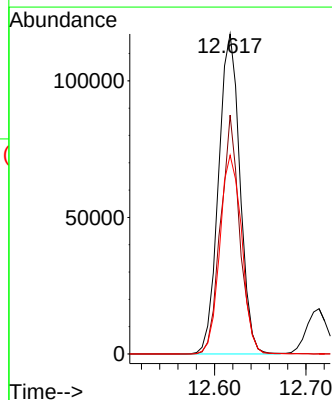
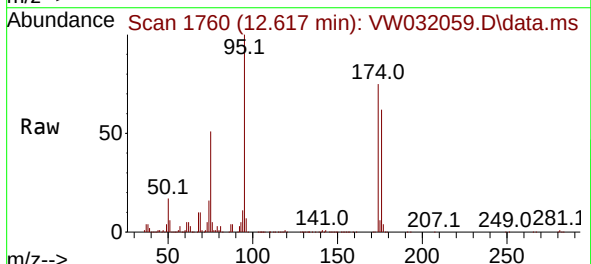
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

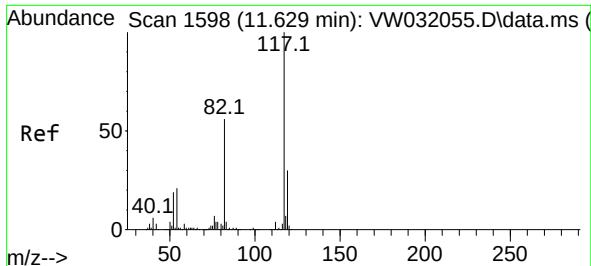
Tgt Ion:107 Resp: 126064
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.460 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 95 Resp: 190514
Ion Ratio Lower Upper
95 100
174 66.7 0.0 129.0
176 63.5 0.0 124.6

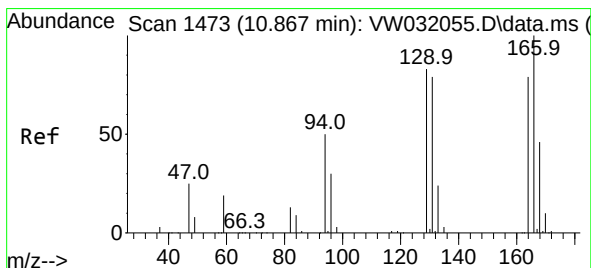
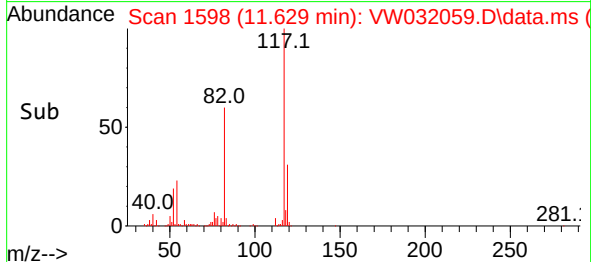
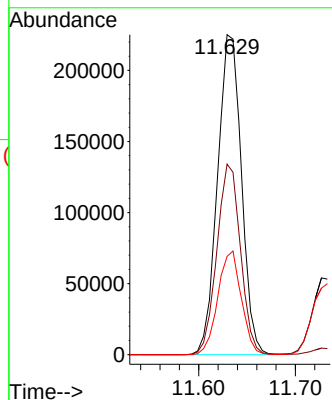
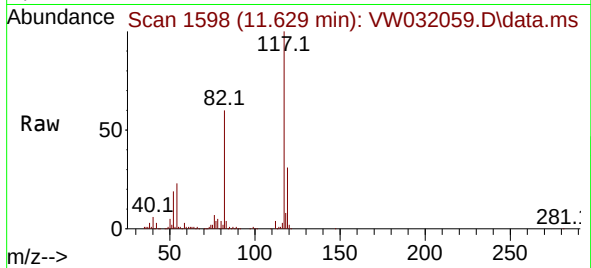




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

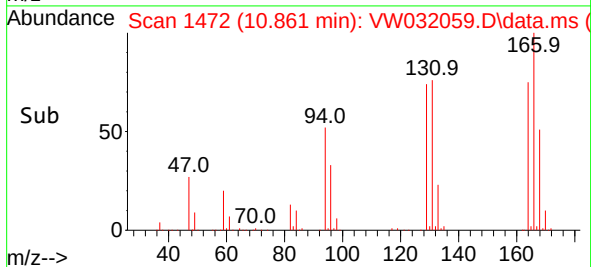
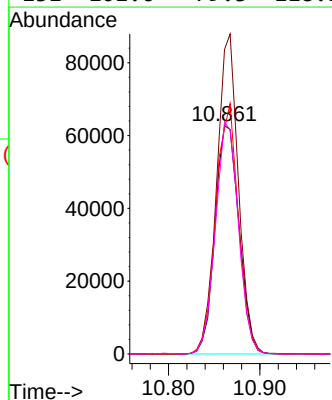
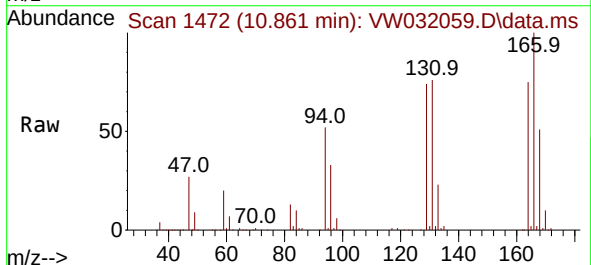
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

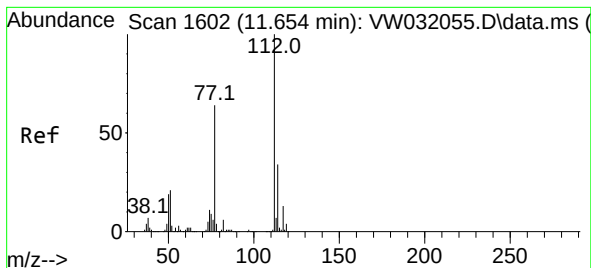
Tgt Ion:117 Resp: 386856
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 30.7 24.2 36.4



#64
Tetrachloroethene
Concen: 51.245 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:164 Resp: 114507
Ion Ratio Lower Upper
164 100
166 133.3 100.9 151.3
129 98.7 83.6 125.4
131 101.6 79.3 118.9





#65

Chlorobenzene

Concen: 49.461 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

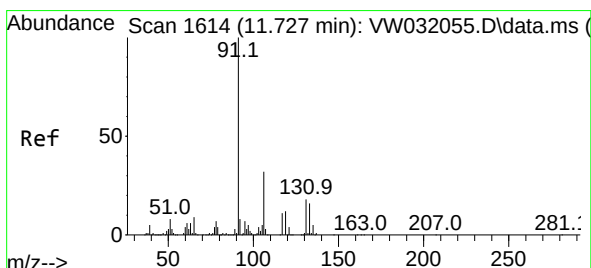
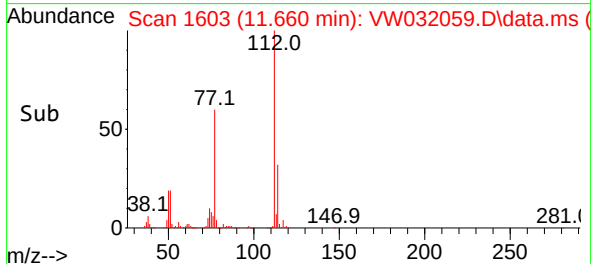
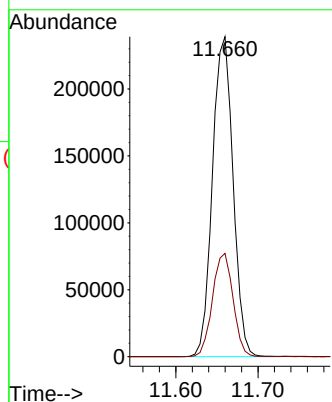
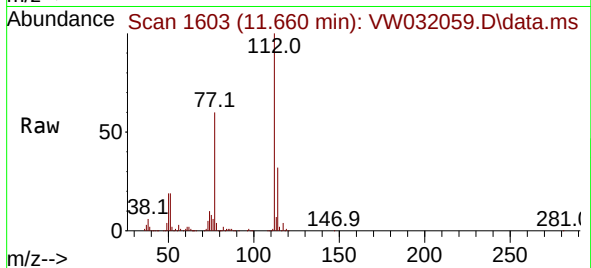
ICVW081125

Tgt Ion:112 Resp: 416485

Ion Ratio Lower Upper

112 100

114 32.3 26.9 40.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.324 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

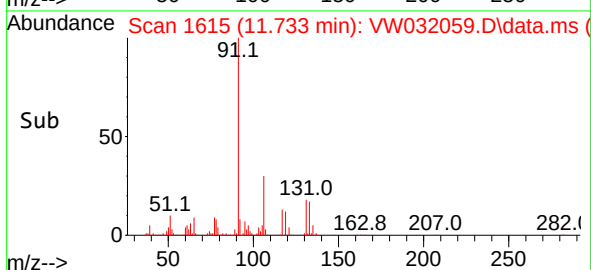
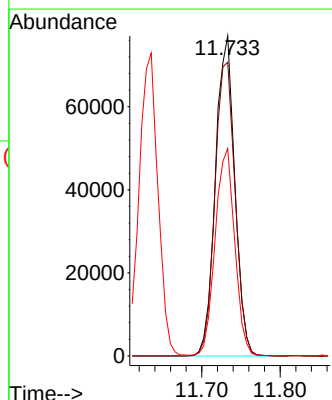
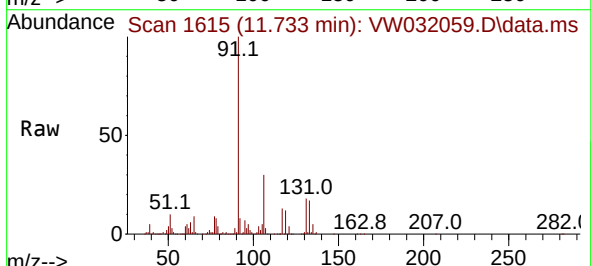
Tgt Ion:131 Resp: 132212

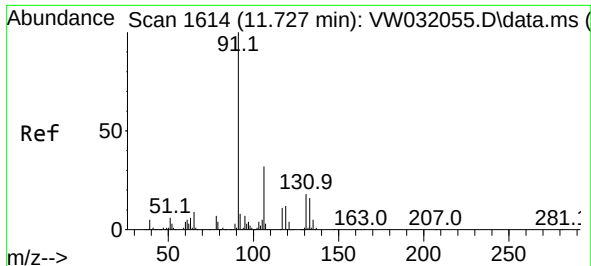
Ion Ratio Lower Upper

131 100

133 95.8 47.3 142.0

119 65.7 34.5 103.5





#67

Ethyl Benzene

Concen: 50.253 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

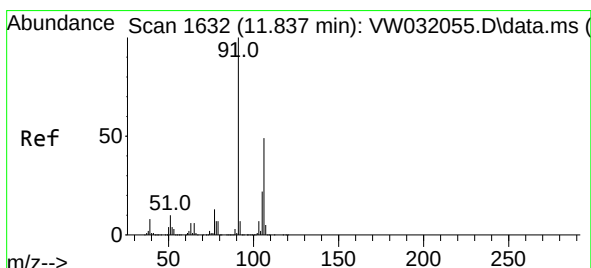
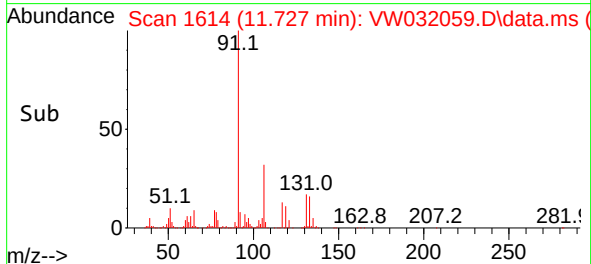
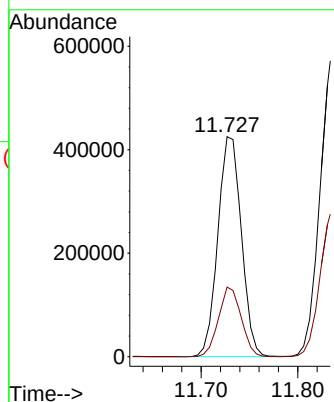
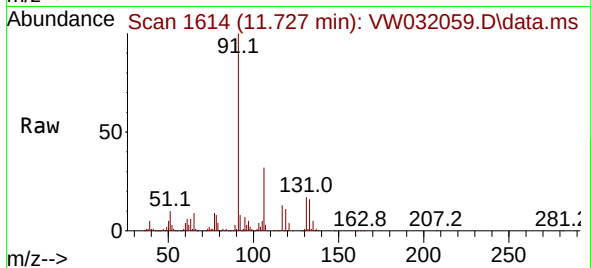
ICVW081125

Tgt Ion: 91 Resp: 716757

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 101.607 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032059.D

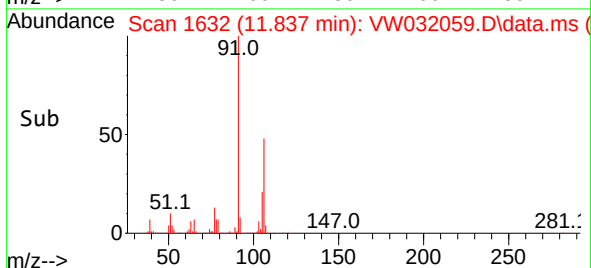
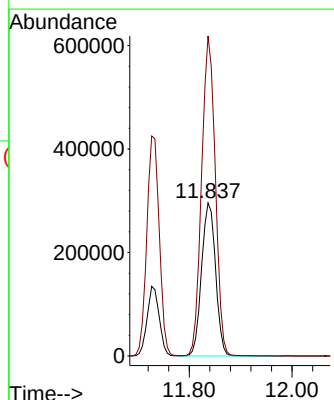
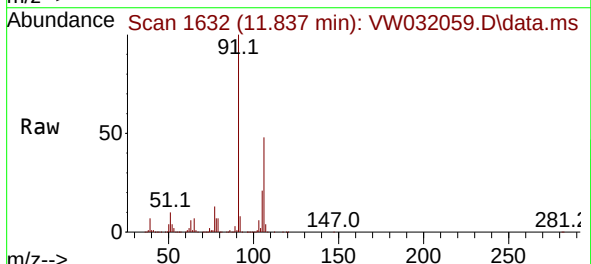
Acq: 11 Aug 2025 11:51

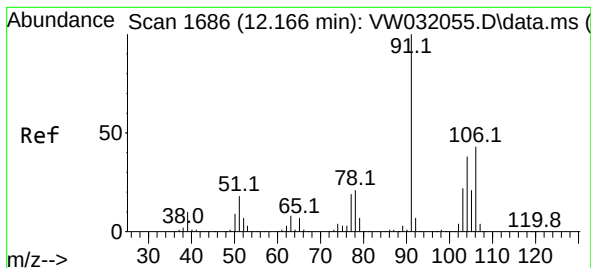
Tgt Ion:106 Resp: 559216

Ion Ratio Lower Upper

106 100

91 204.9 162.2 243.2

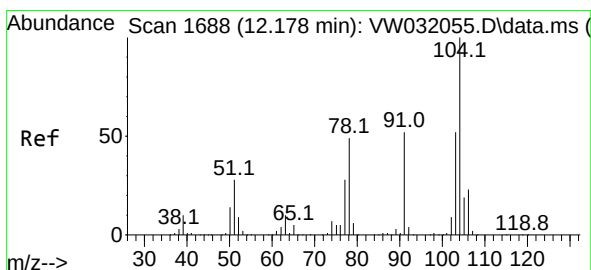
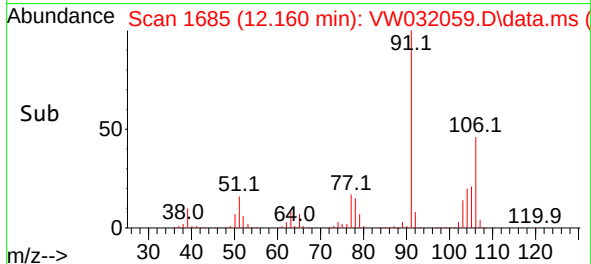
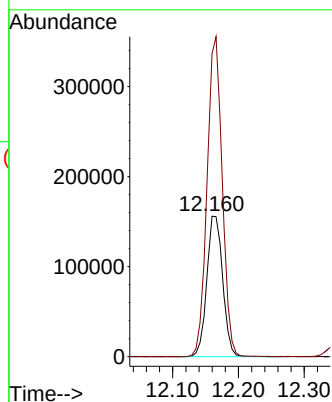
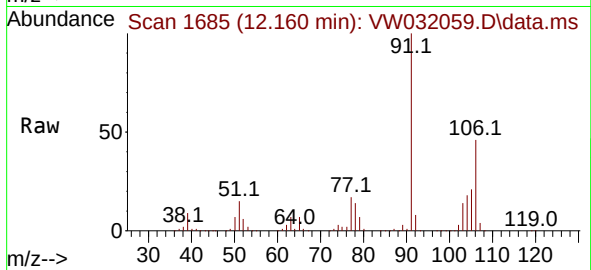




#69
o-Xylene
Concen: 51.416 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

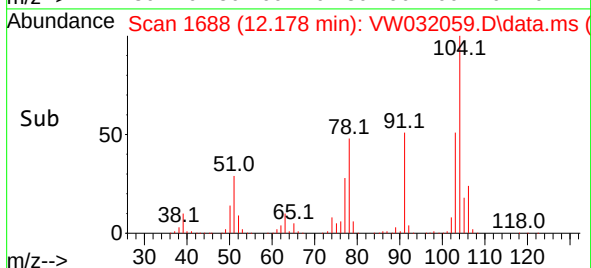
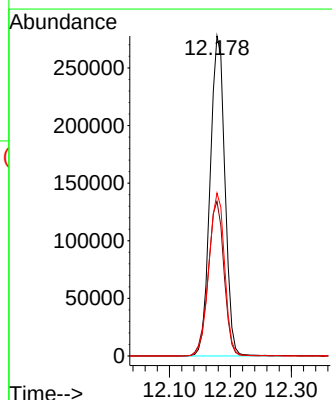
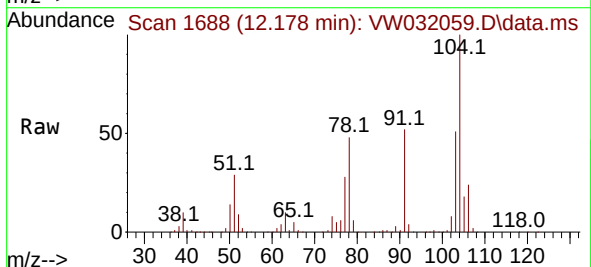
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

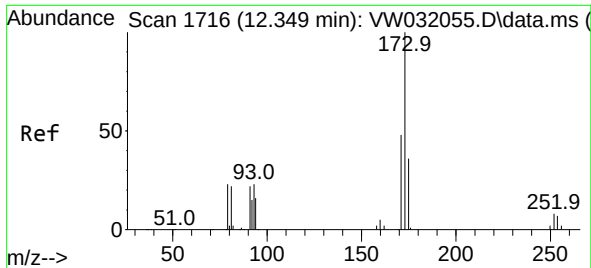
Tgt Ion:106 Resp: 261548
Ion Ratio Lower Upper
106 100
91 218.6 110.8 332.3



#70
Styrene
Concen: 51.833 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:104 Resp: 468335
Ion Ratio Lower Upper
104 100
78 51.2 41.2 61.8
103 53.9 43.8 65.8

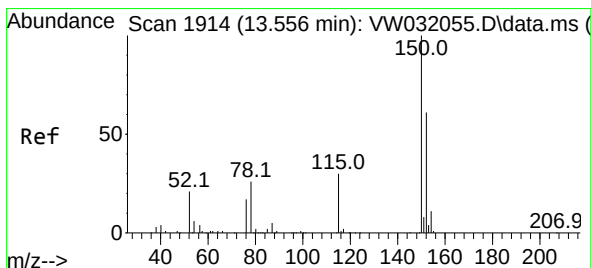
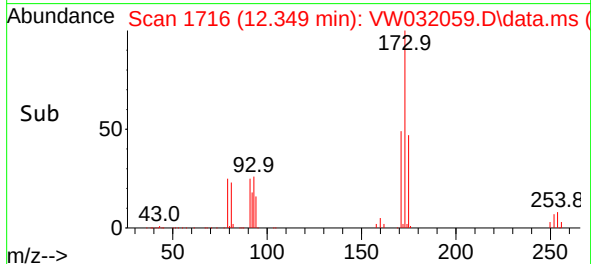
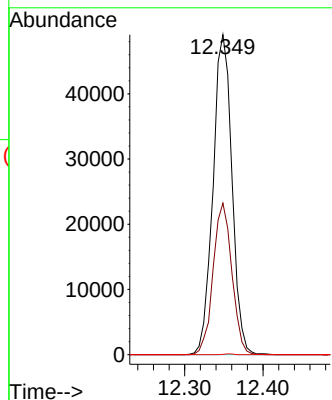
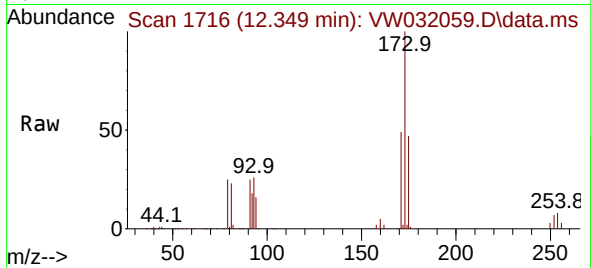




#71
Bromoform
Concen: 54.945 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

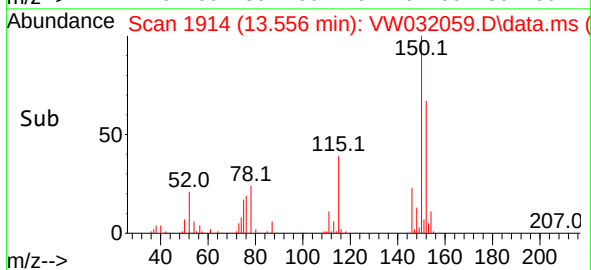
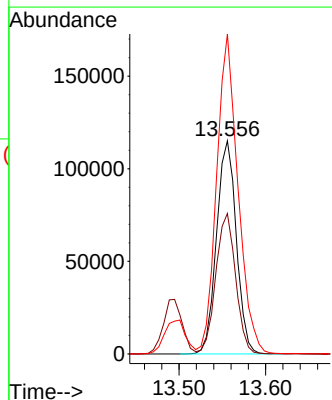
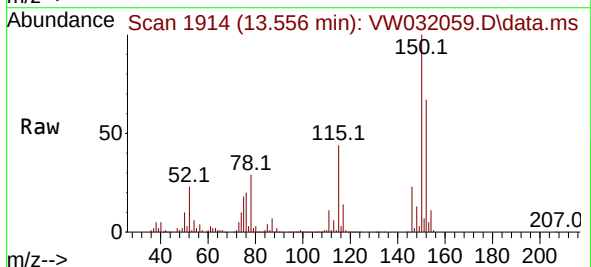
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

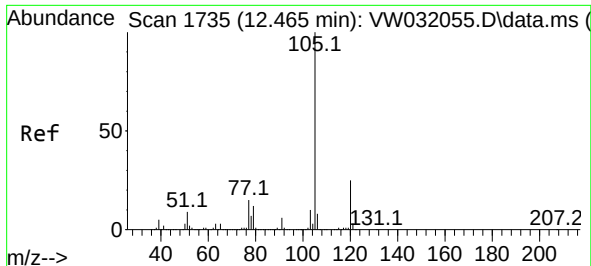
Tgt Ion:173 Resp: 82571
Ion Ratio Lower Upper
173 100
175 46.9 22.9 68.7
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:152 Resp: 182577
Ion Ratio Lower Upper
152 100
115 65.8 32.6 97.8
150 162.0 0.0 359.4

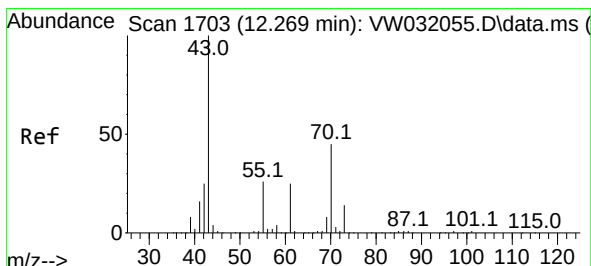
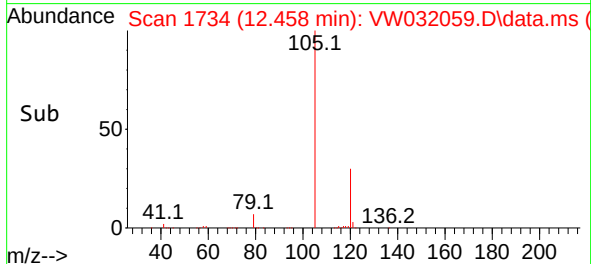
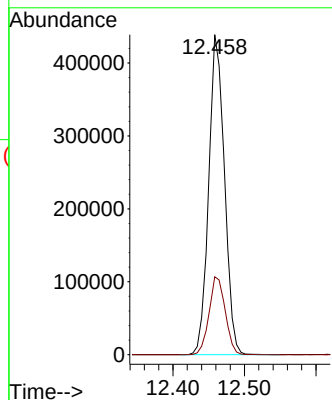
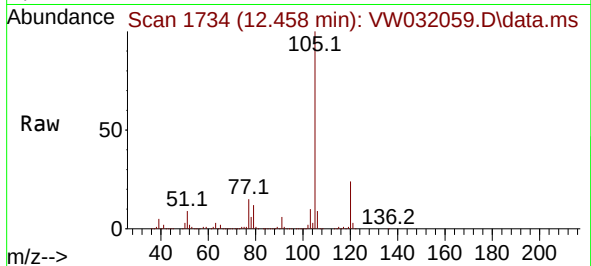




#73
Isopropylbenzene
Concen: 52.571 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

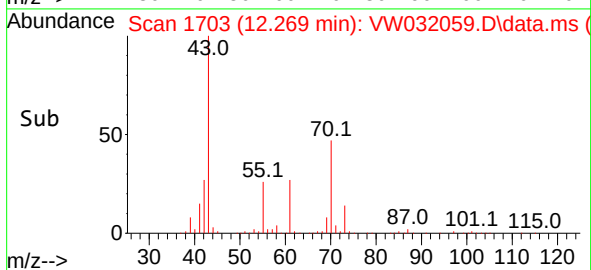
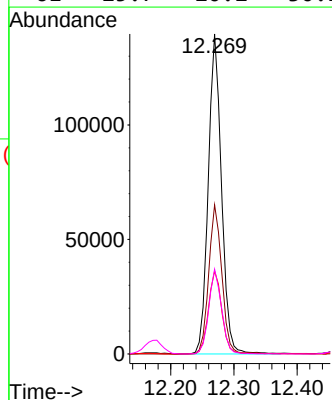
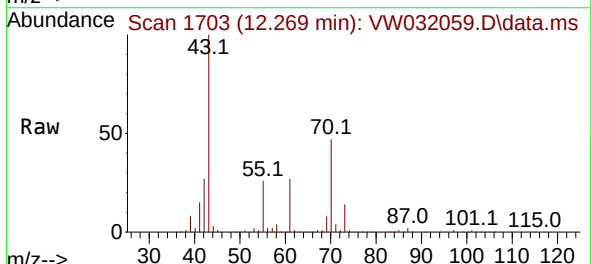
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

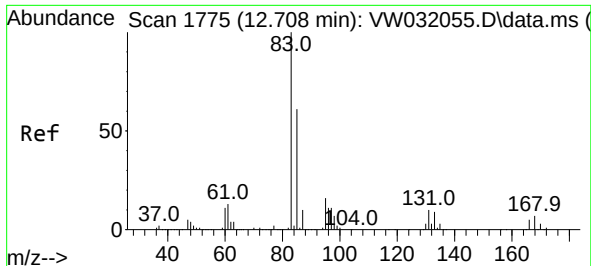
Tgt Ion:105 Resp: 670779
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 55.682 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 43 Resp: 203837
Ion Ratio Lower Upper
43 100
70 46.3 37.0 55.4
55 26.5 21.1 31.7
61 25.7 20.2 30.2

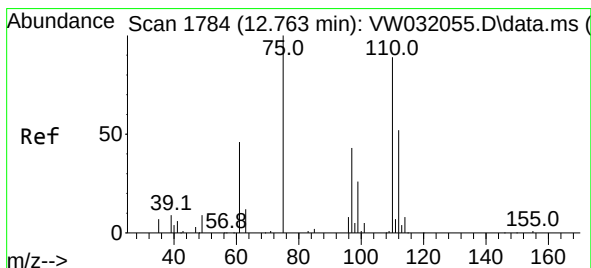
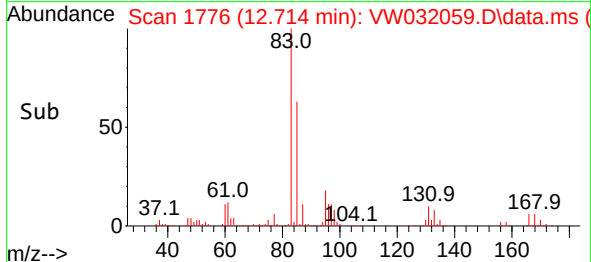
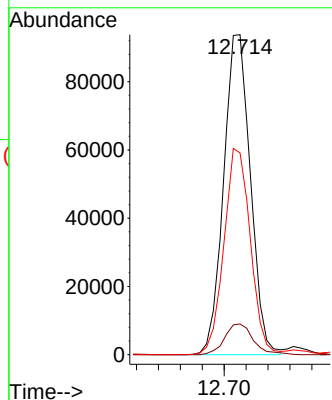
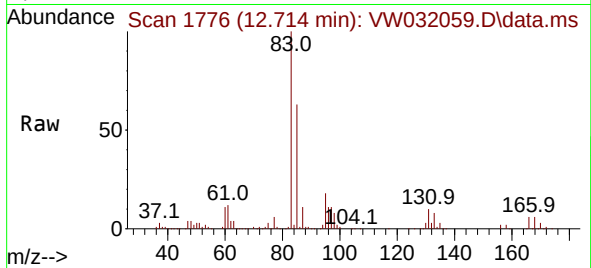




#75
1,1,2,2-Tetrachloroethane
Concen: 52.514 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

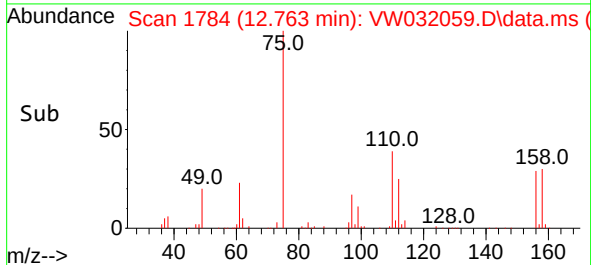
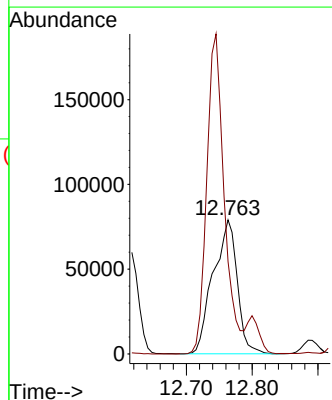
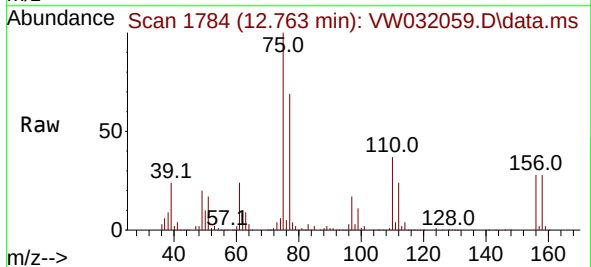
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

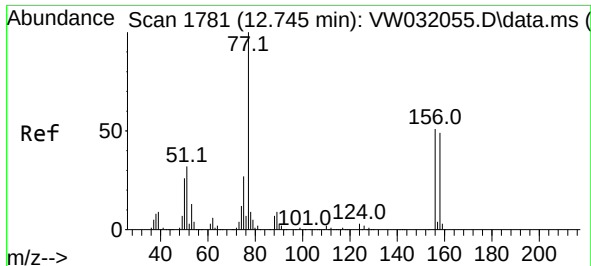
Tgt Ion: 83 Resp: 159092
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.4
85 63.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 81.178 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 75 Resp: 201159
Ion Ratio Lower Upper
75 100
77 174.4 123.5 370.5

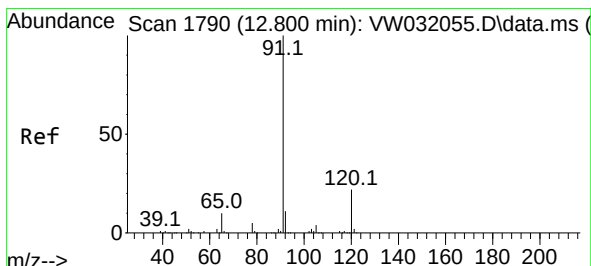
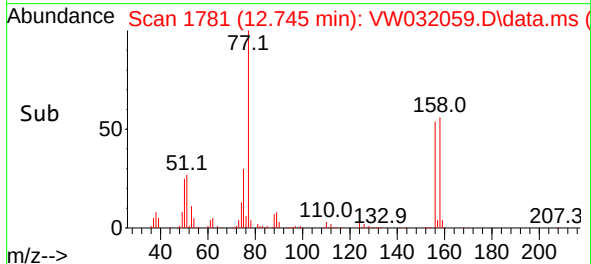
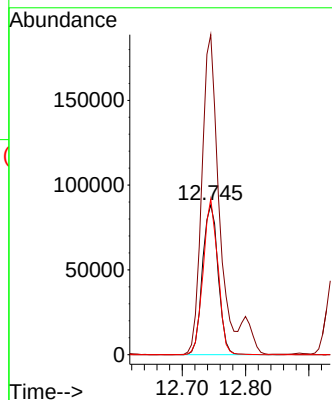
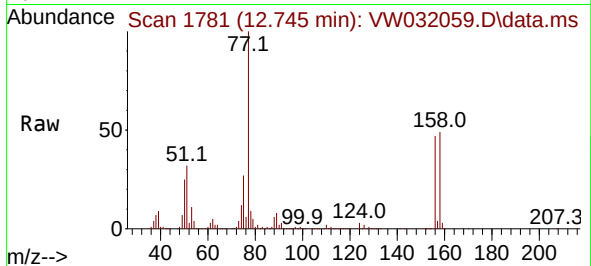




#77
Bromobenzene
Concen: 49.886 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

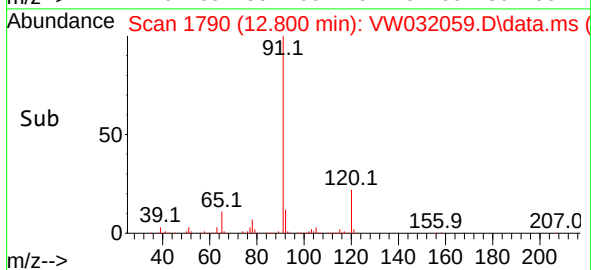
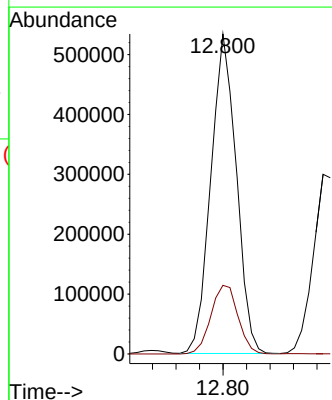
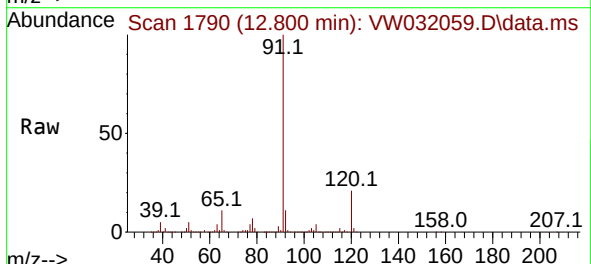
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

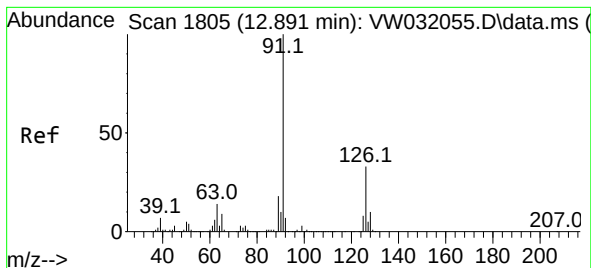
Tgt Ion:156 Resp: 152028
Ion Ratio Lower Upper
156 100
77 230.8 108.7 326.3
158 98.3 48.3 144.9



#78
n-propylbenzene
Concen: 51.148 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 91 Resp: 803474
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 51.114 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

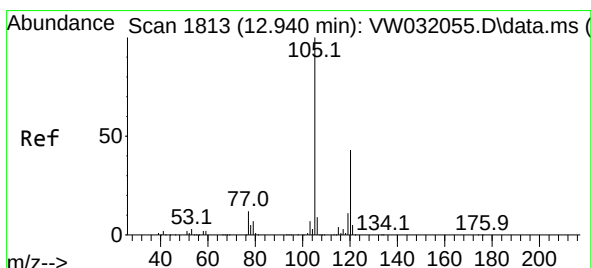
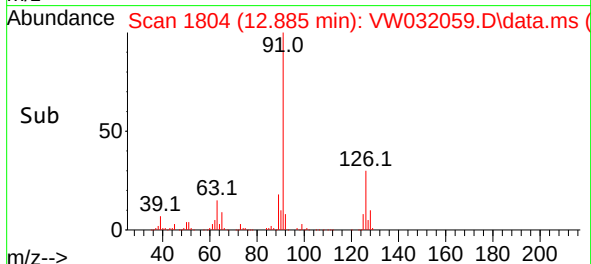
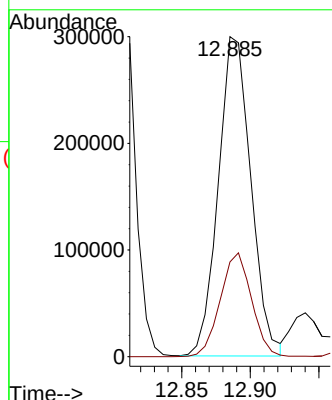
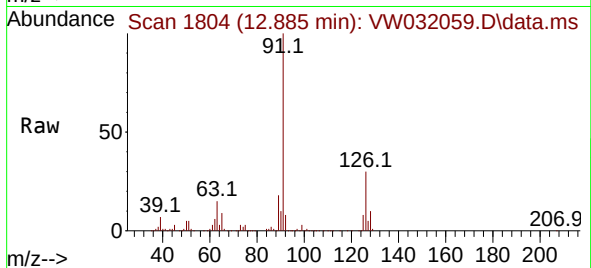
ICVW081125

Tgt Ion: 91 Resp: 495562

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 52.291 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032059.D

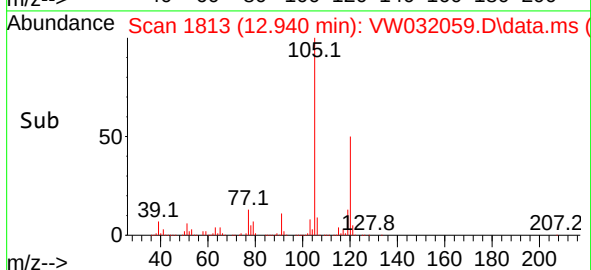
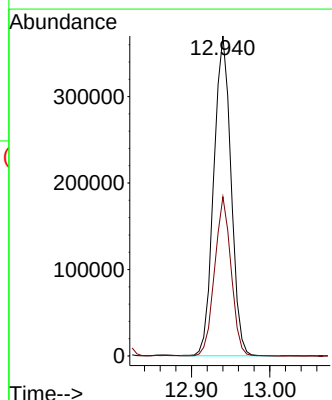
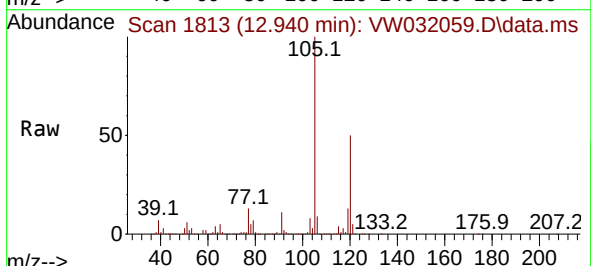
Acq: 11 Aug 2025 11:51

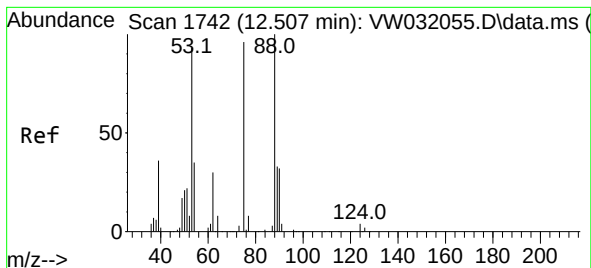
Tgt Ion: 105 Resp: 566437

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.0

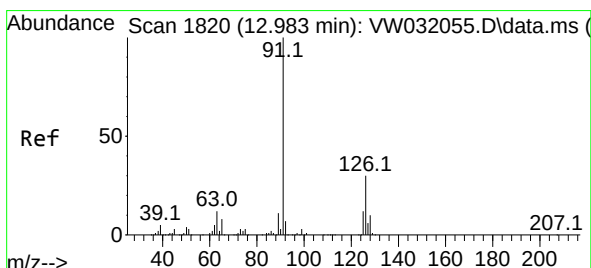
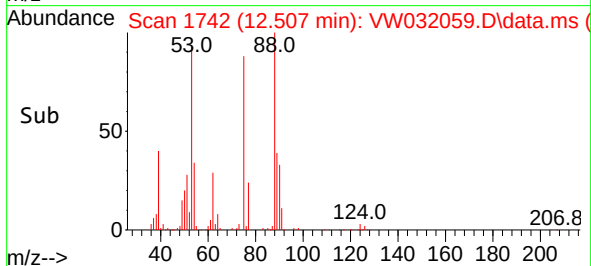
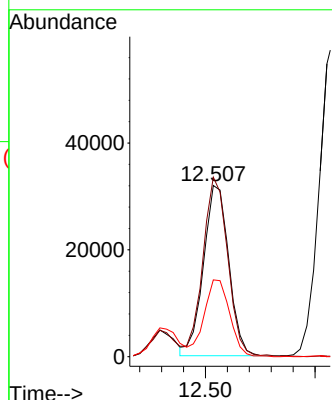
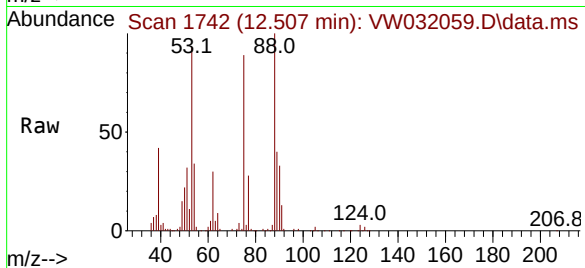




#81
trans-1,4-Dichloro-2-butene
Concen: 53.570 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

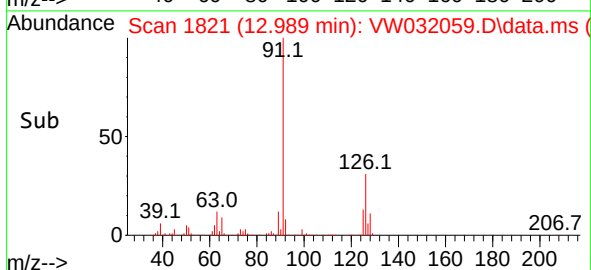
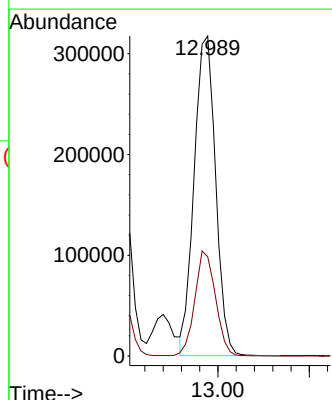
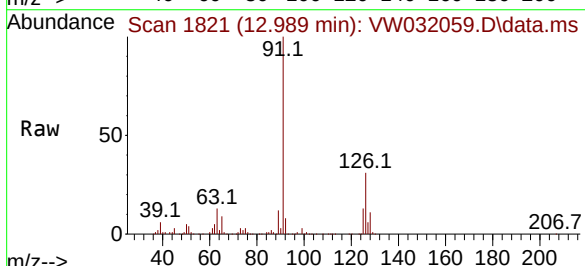
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

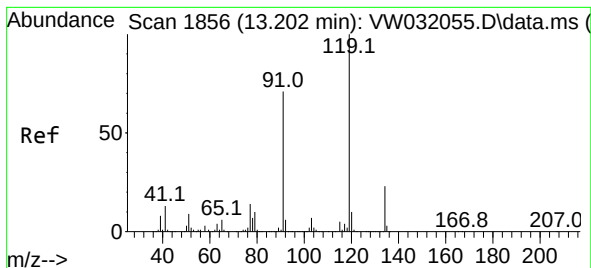
Tgt Ion: 75 Resp: 51275
Ion Ratio Lower Upper
75 100
53 104.4 81.0 121.6
89 45.7 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.312 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion: 91 Resp: 518248
Ion Ratio Lower Upper
91 100
126 31.7 15.5 46.5

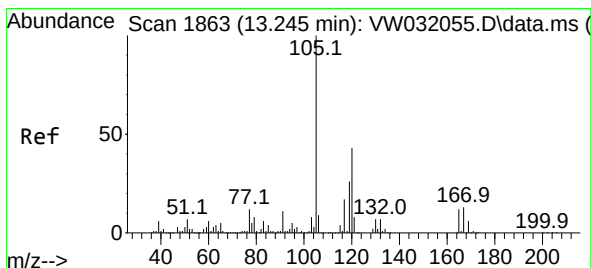
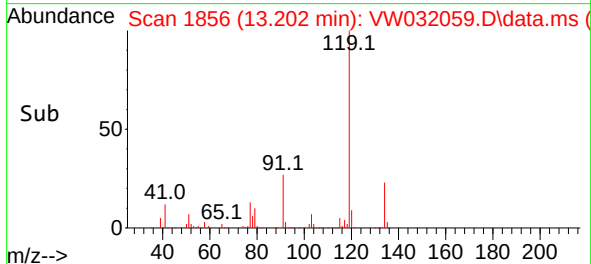
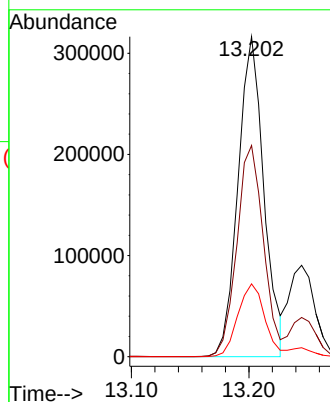
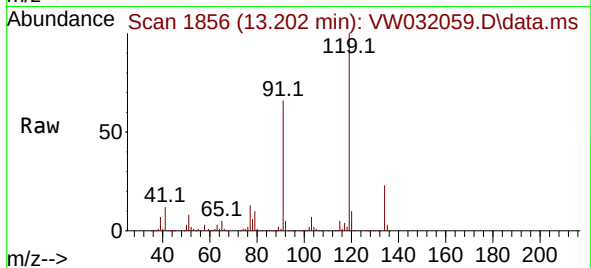




#83
tert-Butylbenzene
Concen: 53.777 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

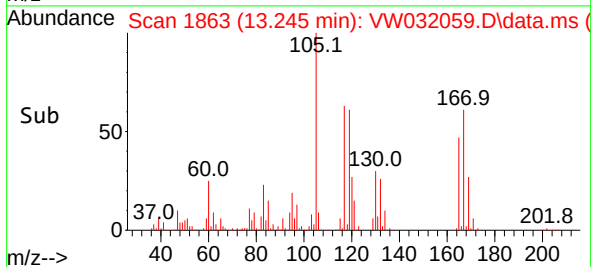
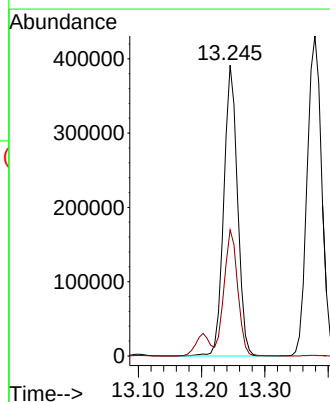
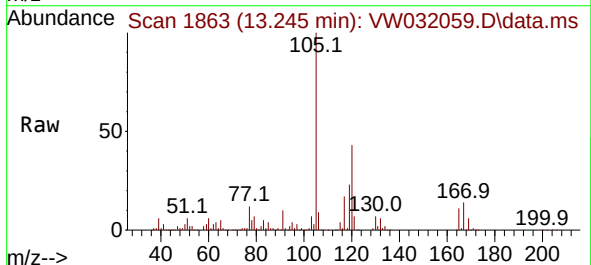
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

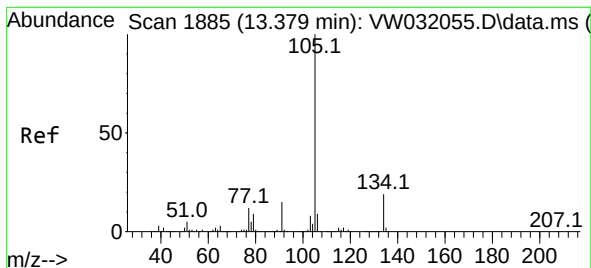
Tgt Ion:119 Resp: 483459
Ion Ratio Lower Upper
119 100
91 67.8 35.3 105.9
134 23.9 12.1 36.3



#84
1,2,4-Trimethylbenzene
Concen: 53.308 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:105 Resp: 587831
Ion Ratio Lower Upper
105 100
120 42.8 21.6 64.8

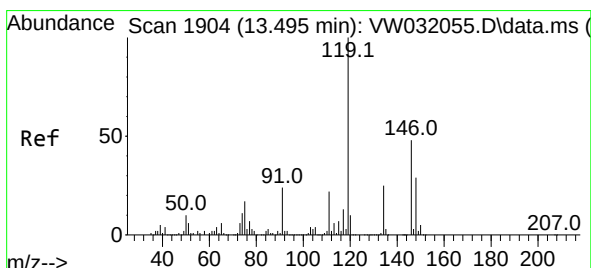
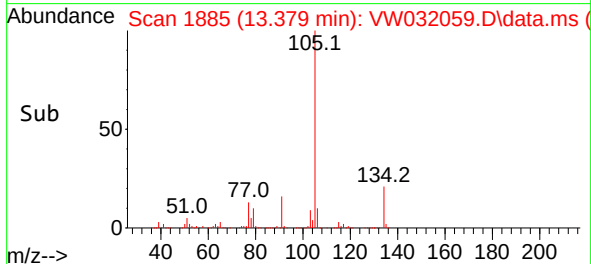
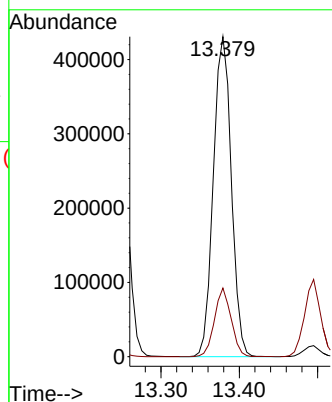
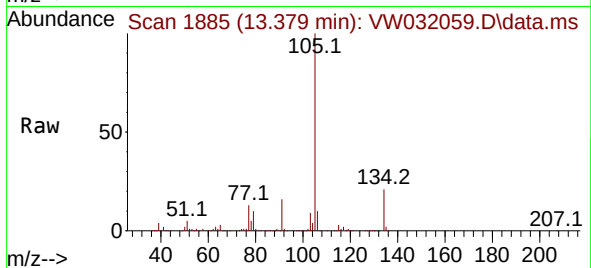




#85
sec-Butylbenzene
Concen: 50.571 ug/l
RT: 13.379 min Scan# 1185
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

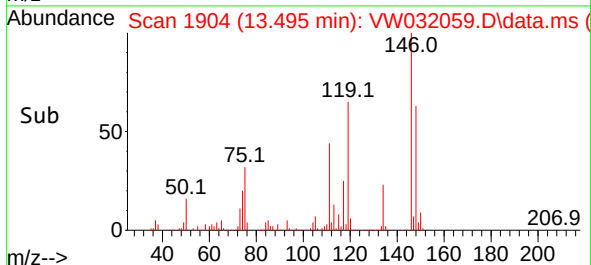
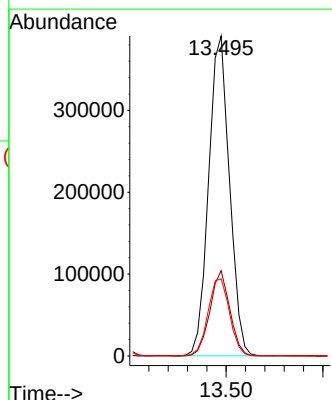
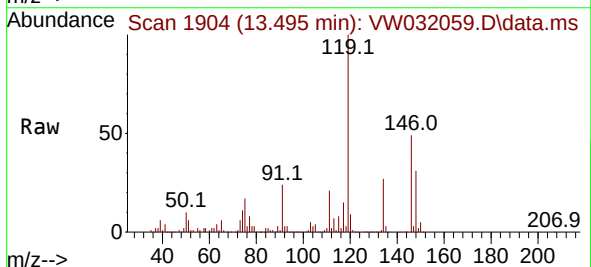
Instrument :
MSVOA_W
ClientSampleId :
ICVW081125

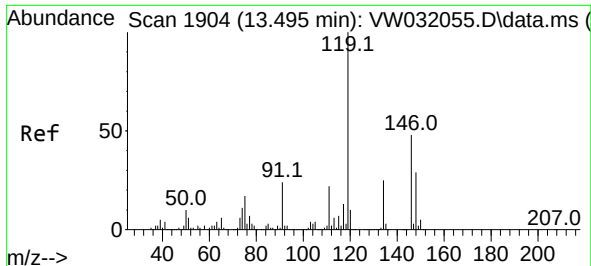
Tgt Ion:105 Resp: 687367
Ion Ratio Lower Upper
105 100
134 19.8 9.9 29.7



#86
p-Isopropyltoluene
Concen: 51.580 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032059.D
Acq: 11 Aug 2025 11:51

Tgt Ion:119 Resp: 584473
Ion Ratio Lower Upper
119 100
134 25.5 12.4 37.0
91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.304 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

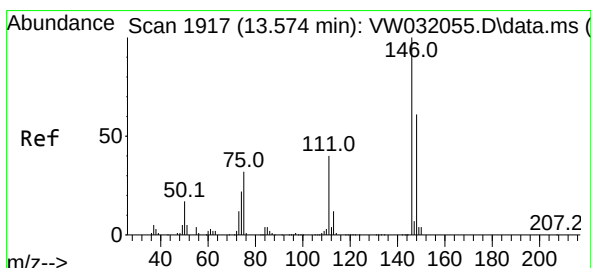
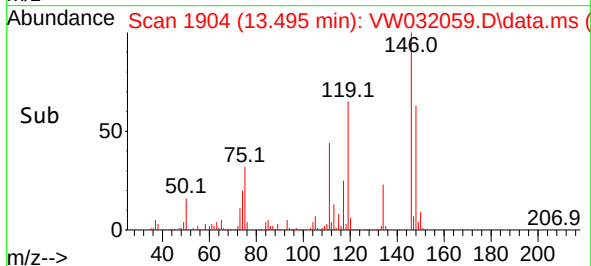
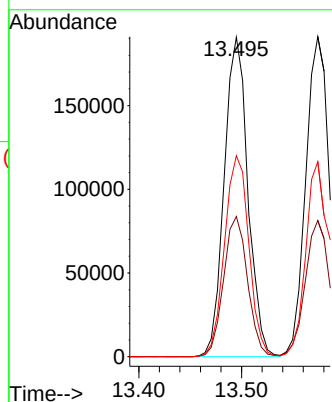
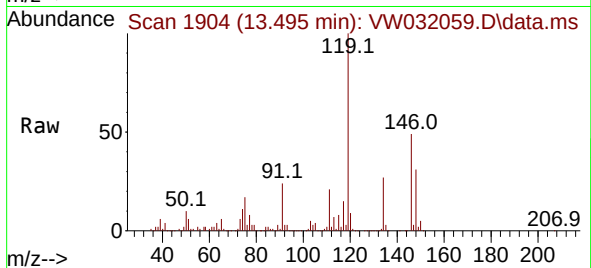
Tgt Ion:146 Resp: 305044

Ion Ratio Lower Upper

146 100

111 44.3 21.2 63.6

148 64.8 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 49.942 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

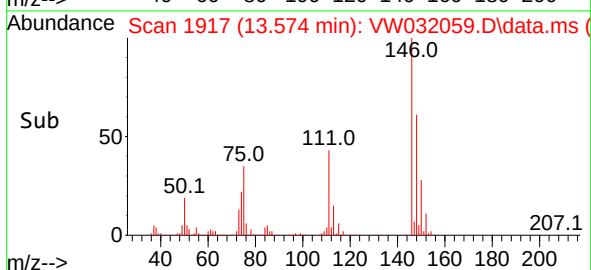
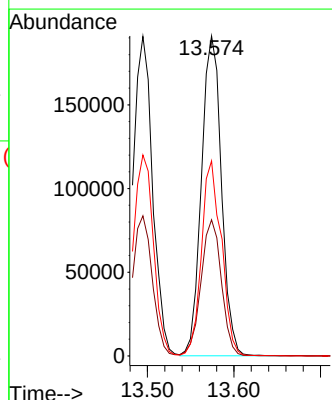
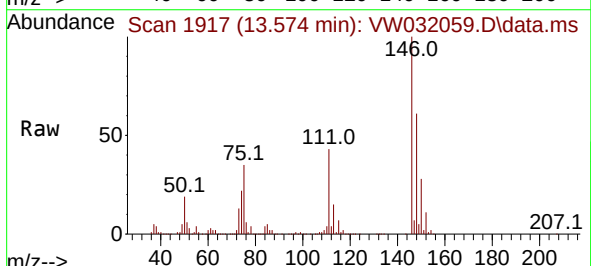
Tgt Ion:146 Resp: 306047

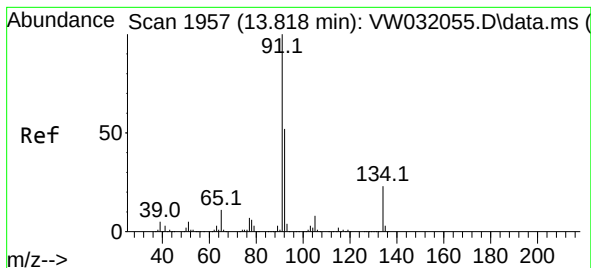
Ion Ratio Lower Upper

146 100

111 43.7 21.6 64.6

148 60.9 32.0 96.2





#89

n-Butylbenzene

Concen: 51.958 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

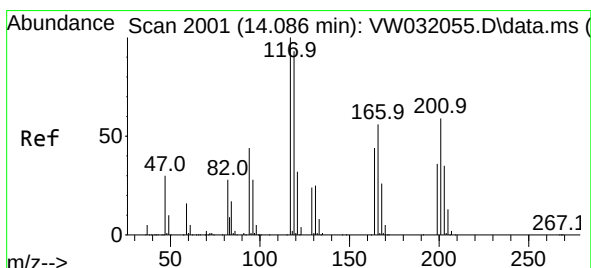
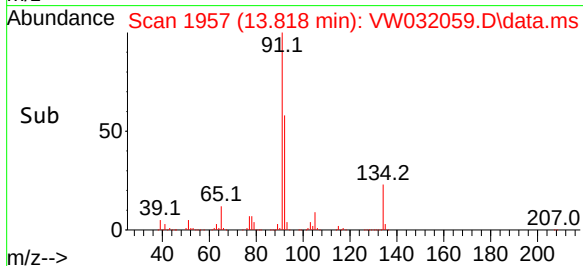
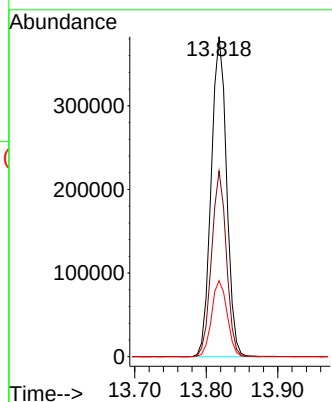
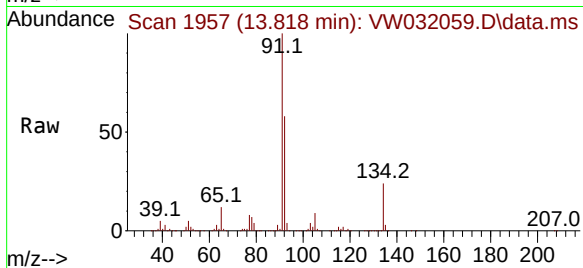
Tgt Ion: 91 Resp: 571978

Ion Ratio Lower Upper

91 100

92 55.7 26.7 80.1

134 23.9 12.0 36.1



#90

Hexachloroethane

Concen: 50.329 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032059.D

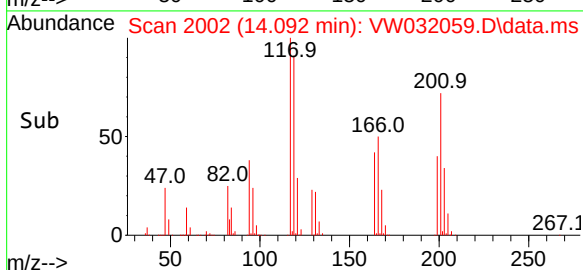
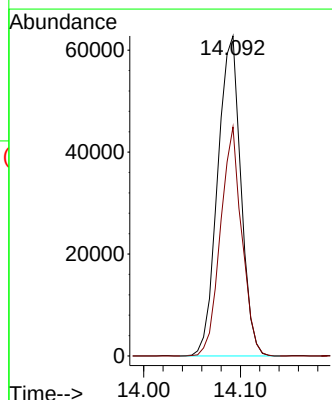
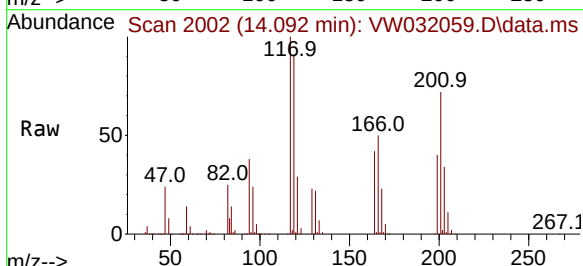
Acq: 11 Aug 2025 11:51

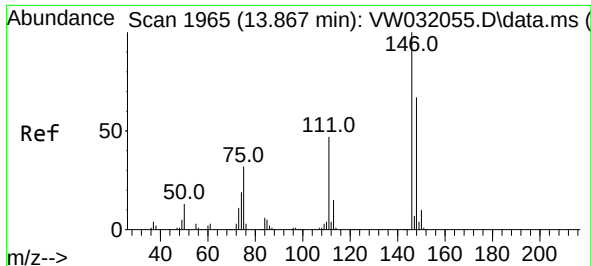
Tgt Ion: 117 Resp: 104295

Ion Ratio Lower Upper

117 100

201 65.9 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 50.926 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVVW081125

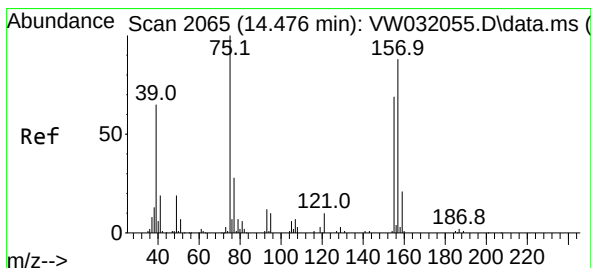
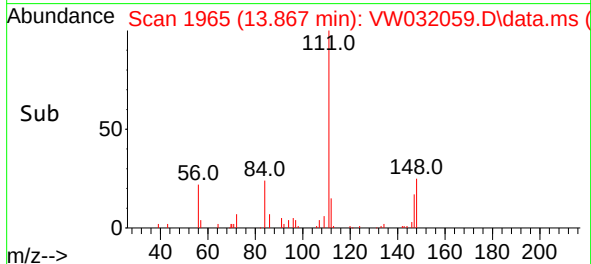
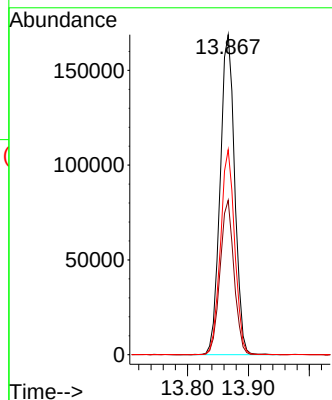
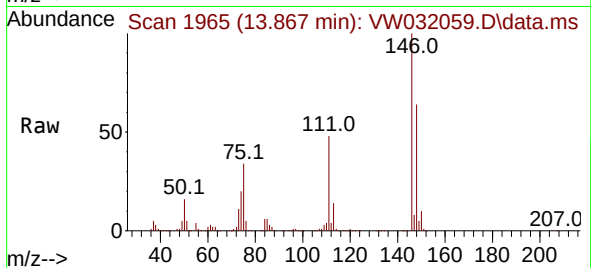
Tgt Ion:146 Resp: 279745

Ion Ratio Lower Upper

146 100

111 46.4 23.1 69.3

148 63.0 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.872 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

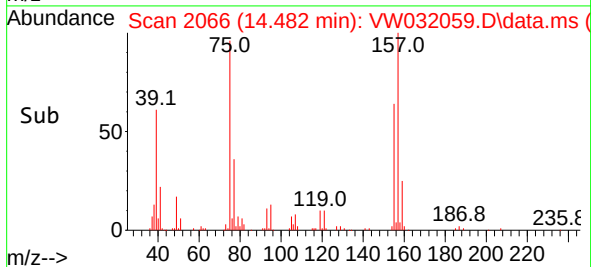
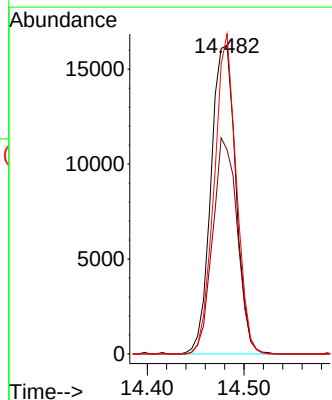
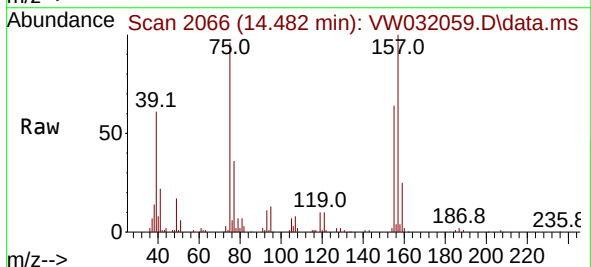
Tgt Ion: 75 Resp: 29014

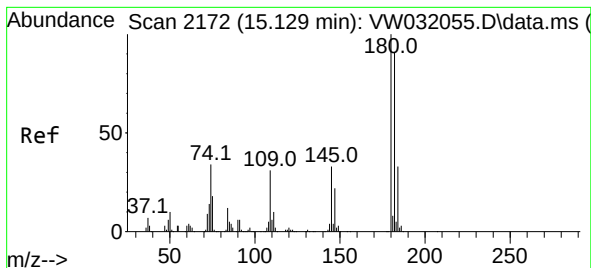
Ion Ratio Lower Upper

75 100

155 69.2 35.2 105.6

157 92.2 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 52.764 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

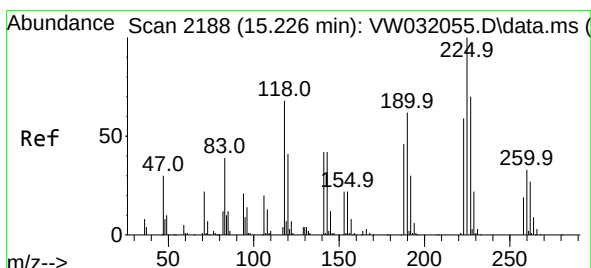
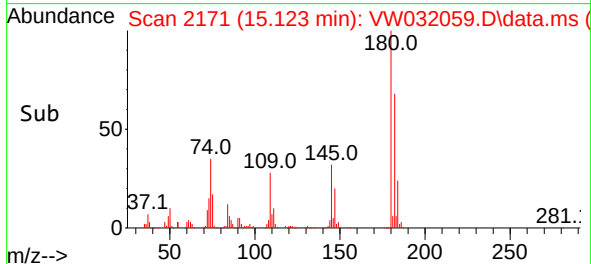
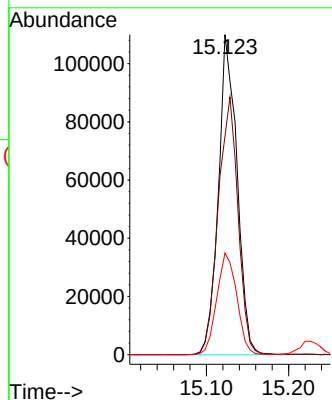
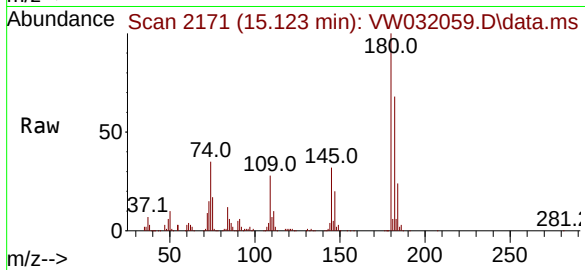
Tgt Ion:180 Resp: 173386

Ion Ratio Lower Upper

180 100

182 85.4 49.0 147.0

145 34.1 17.3 51.9



#94

Hexachlorobutadiene

Concen: 51.262 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

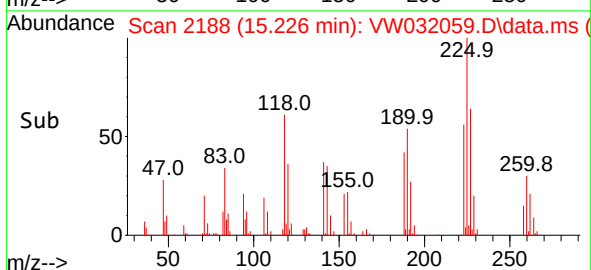
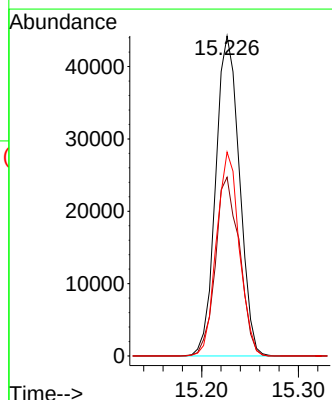
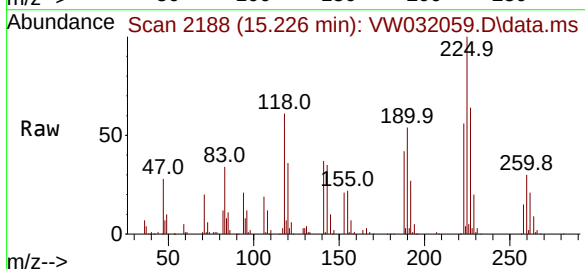
Tgt Ion:225 Resp: 75299

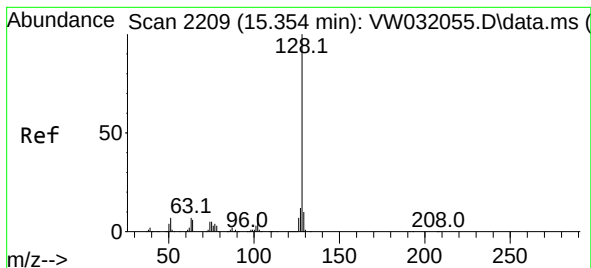
Ion Ratio Lower Upper

225 100

223 56.5 31.8 95.3

227 61.3 33.5 100.5





#95

Naphthalene

Concen: 54.415 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Instrument :

MSVOA_W

ClientSampleId :

ICVW081125

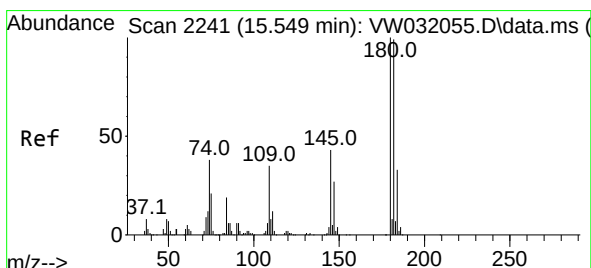
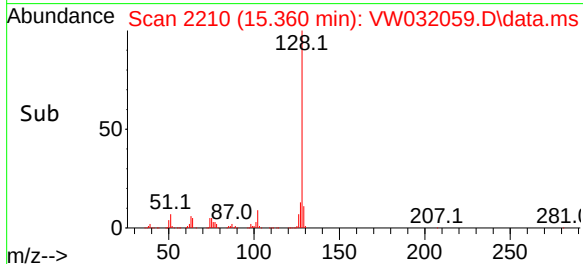
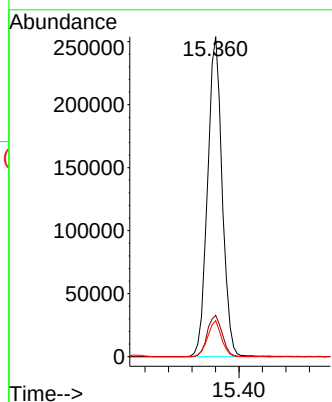
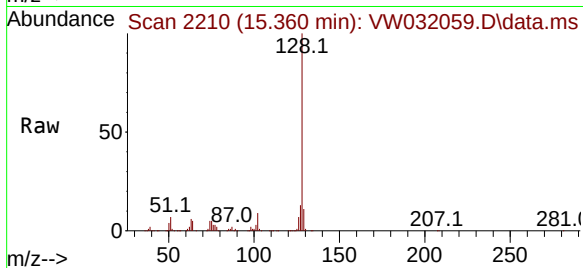
Tgt Ion:128 Resp: 438139

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 10.7 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 54.327 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032059.D

Acq: 11 Aug 2025 11:51

Tgt Ion:180 Resp: 162431

Ion Ratio Lower Upper

180 100

182 93.5 46.0 138.0

145 37.1 19.2 57.6

