

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032291.D
 Acq On : 29 Sep 2025 11:09
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:35:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	235838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	436378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	387451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	191625	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	181976	48.868	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.740%
35) Dibromofluoromethane	7.904	113	147580	47.026	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.060%
50) Toluene-d8	10.325	98	551350	48.747	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.617	95	208290	48.822	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	37302	22.893	ug/l	98
3) Chloromethane	2.253	50	48171	20.658	ug/l	91
4) Vinyl Chloride	2.405	62	57116	20.964	ug/l	93
5) Bromomethane	2.820	94	38148	20.505	ug/l	95
6) Chloroethane	2.966	64	38309	20.750	ug/l	95
7) Trichlorofluoromethane	3.301	101	38732	18.867	ug/l	98
8) Diethyl Ether	3.716	74	38676	19.925	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	53405	20.381	ug/l	98
10) Methyl Iodide	4.314	142	71702	20.231	ug/l	99
11) Tert butyl alcohol	5.234	59	25566	98.906	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54583	19.487	ug/l	99
13) Acrolein	3.936	56	38407	83.481	ug/l	95
14) Allyl chloride	4.704	41	90813	20.891	ug/l	98
15) Acrylonitrile	5.405	53	98066	98.095	ug/l	98
16) Acetone	4.161	43	96919	101.345	ug/l	99
17) Carbon Disulfide	4.423	76	133549	20.737	ug/l	98
18) Methyl Acetate	4.710	43	60367	18.354	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	106162	20.447	ug/l	98
20) Methylene Chloride	4.954	84	71995	15.653	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	61877	20.487	ug/l	95
22) Diisopropyl ether	6.344	45	209902	21.731	ug/l	98
23) Vinyl Acetate	6.289	43	677309	108.997	ug/l	96
24) 1,1-Dichloroethane	6.246	63	127350	20.885	ug/l	98
25) 2-Butanone	7.197	43	130879	98.185	ug/l	94
26) 2,2-Dichloropropane	7.185	77	62759	20.887	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	76780	20.439	ug/l	98
28) Bromochloromethane	7.532	49	60580	20.821	ug/l #	99
29) Tetrahydrofuran	7.557	42	87815	101.477	ug/l	96
30) Chloroform	7.691	83	132458	20.820	ug/l	93
31) Cyclohexane	7.971	56	101659	21.143	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	88799	20.718	ug/l	97
36) 1,1-Dichloropropene	8.093	75	86323	20.402	ug/l	98
37) Ethyl Acetate	7.276	43	57255	20.404	ug/l	98
38) Carbon Tetrachloride	8.081	117	83700	21.027	ug/l	97
39) Methylcyclohexane	9.343	83	99706	20.366	ug/l	96
40) Benzene	8.337	78	276063	20.728	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032291.D
 Acq On : 29 Sep 2025 11:09
 Operator : SY/MD
 Sample : VW0929SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:35:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	32988	20.526	ug/l	96
42) 1,2-Dichloroethane	8.416	62	89380	20.190	ug/l	100
43) Isopropyl Acetate	8.441	43	104356	20.775	ug/l	97
44) Trichloroethene	9.099	130	65460	21.028	ug/l	92
45) 1,2-Dichloropropane	9.380	63	70794	20.524	ug/l	96
46) Dibromomethane	9.471	93	42317	19.954	ug/l	100
47) Bromodichloromethane	9.654	83	98428	20.349	ug/l	96
48) Methyl methacrylate	9.447	41	48419	20.489	ug/l	97
49) 1,4-Dioxane	9.465	88	9941	349.997	ug/l #	80
51) 4-Methyl-2-Pentanone	10.215	43	302807	101.673	ug/l	96
52) Toluene	10.392	92	168841	20.454	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	90013	20.311	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	107162	20.945	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	57625	19.906	ug/l	97
56) Ethyl methacrylate	10.648	69	75392	19.772	ug/l	97
57) 1,3-Dichloropropane	10.934	76	100526	20.102	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	209371	100.026	ug/l	99
59) 2-Hexanone	10.971	43	205343	100.964	ug/l	95
60) Dibromochloromethane	11.129	129	62908	19.788	ug/l	98
61) 1,2-Dibromoethane	11.233	107	54534	19.885	ug/l	99
64) Tetrachloroethene	10.861	164	51357	21.751	ug/l	88
65) Chlorobenzene	11.660	112	195381	21.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	62404	22.110	ug/l	98
67) Ethyl Benzene	11.733	91	315693	21.611	ug/l	99
68) m/p-Xylenes	11.837	106	244735	43.704	ug/l	96
69) o-Xylene	12.166	106	115365	21.921	ug/l	99
70) Styrene	12.184	104	206724	22.399	ug/l	99
71) Bromoform	12.349	173	34350	20.884	ug/l #	98
73) Isopropylbenzene	12.464	105	288468	21.628	ug/l	99
74) N-amyl acetate	12.269	43	93996	22.379	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	74264	21.237	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	89713	34.030	ug/l	44
77) Bromobenzene	12.745	156	69335	21.136	ug/l	87
78) n-propylbenzene	12.800	91	371108	22.152	ug/l	100
79) 2-Chlorotoluene	12.891	91	223844	22.057	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	254716	22.338	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	21484	21.167	ug/l	94
82) 4-Chlorotoluene	12.983	91	241948	22.558	ug/l	95
83) tert-Butylbenzene	13.202	119	209737	21.993	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	260904	22.535	ug/l	97
85) sec-Butylbenzene	13.379	105	314117	21.935	ug/l	100
86) p-Isopropyltoluene	13.495	119	259467	21.877	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	144010	22.193	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	151158	22.803	ug/l	93
89) n-Butylbenzene	13.818	91	259636	21.814	ug/l	99
90) Hexachloroethane	14.086	117	49590	22.434	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	134572	22.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	12655	21.158	ug/l	93
93) 1,2,4-Trichlorobenzene	15.123	180	74440	20.671	ug/l	97
94) Hexachlorobutadiene	15.226	225	36514	22.078	ug/l	93
95) Naphthalene	15.360	128	181145	20.958	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	70332	21.004	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
Data File : VW032291.D
Acq On : 29 Sep 2025 11:09
Operator : SY/MD
Sample : VW0929SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

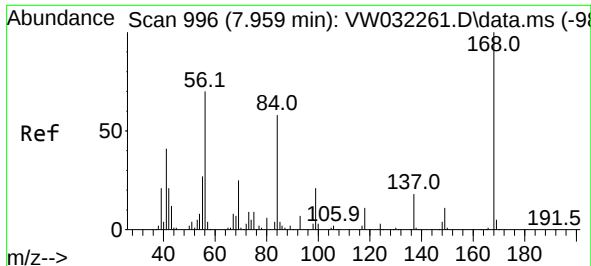
Quant Time: Sep 30 02:35:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

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

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

Quant Time: Sep 30 02:35:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

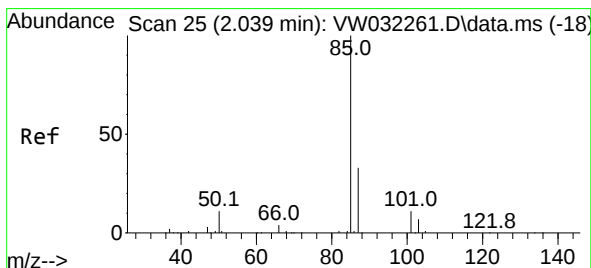
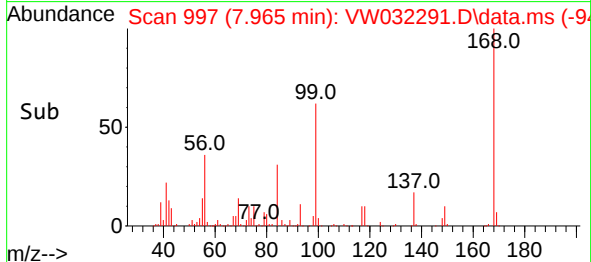
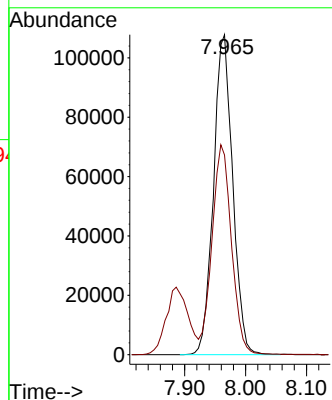
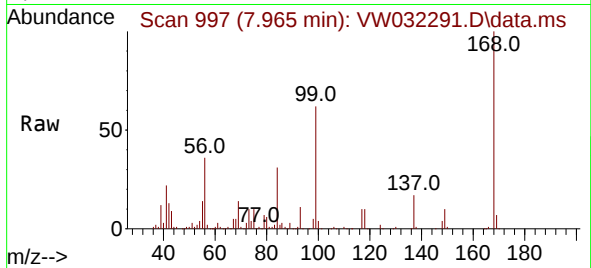




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

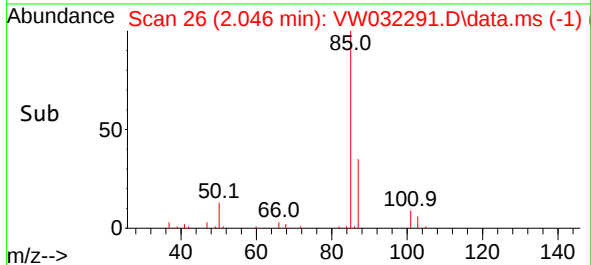
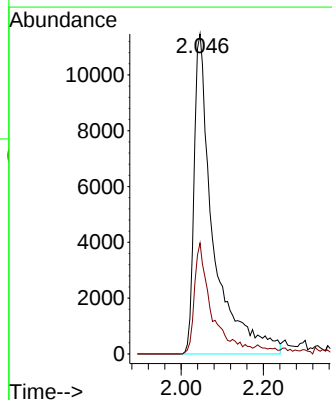
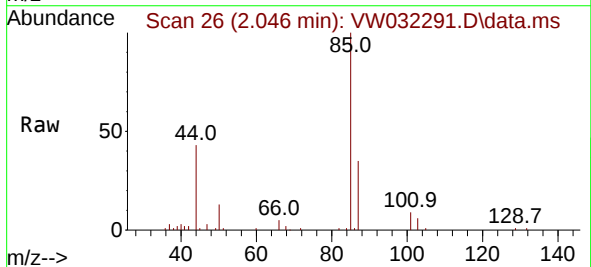
Instrument :
MSVOA_W
ClientSampleId :

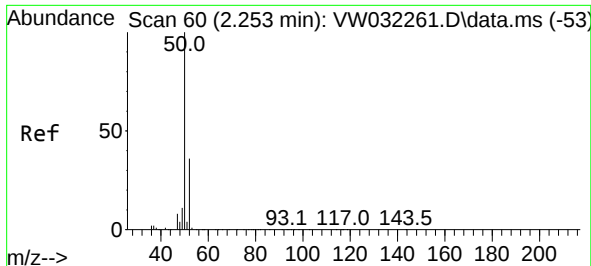
Tgt Ion:168 Resp: 235838
Ion Ratio Lower Upper
168 100
99 62.3 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 22.893 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 85 Resp: 37302
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1

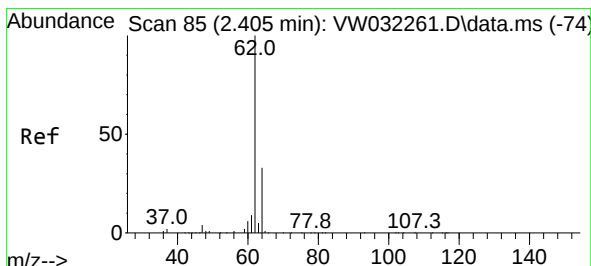
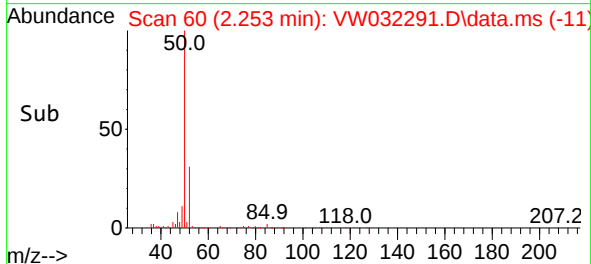
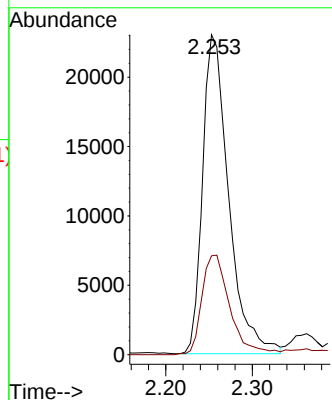
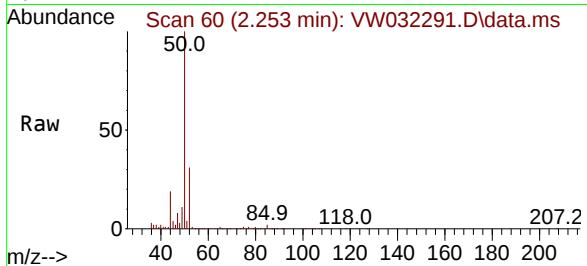




#3
Chloromethane
Concen: 20.658 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

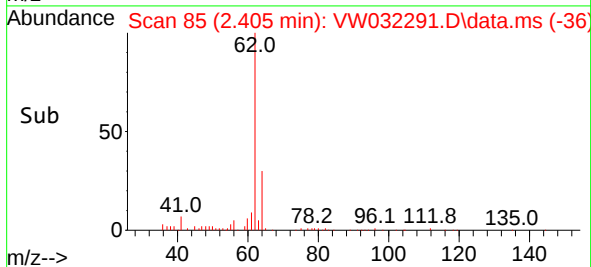
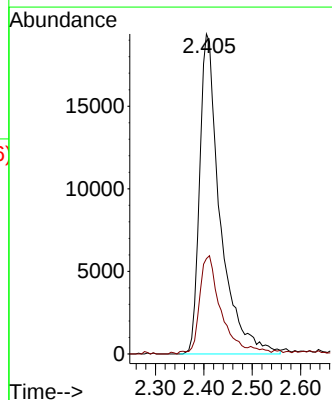
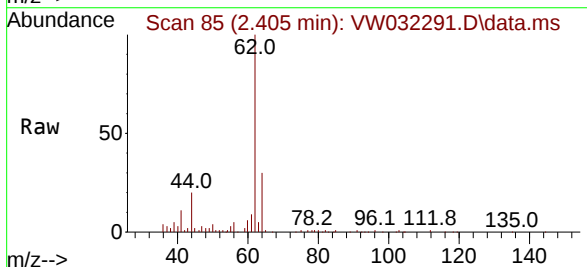
Instrument :
MSVOA_W
ClientSampleId :

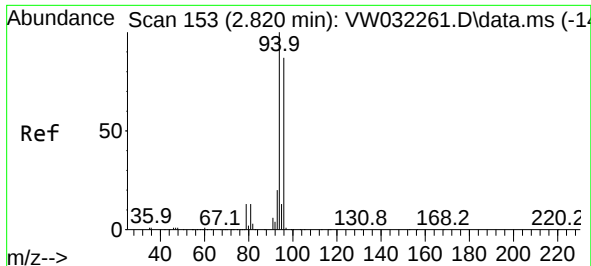
Tgt Ion: 50 Resp: 48171
Ion Ratio Lower Upper
50 100
52 30.7 28.9 43.3



#4
Vinyl Chloride
Concen: 20.964 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 62 Resp: 57116
Ion Ratio Lower Upper
62 100
64 29.0 26.2 39.4

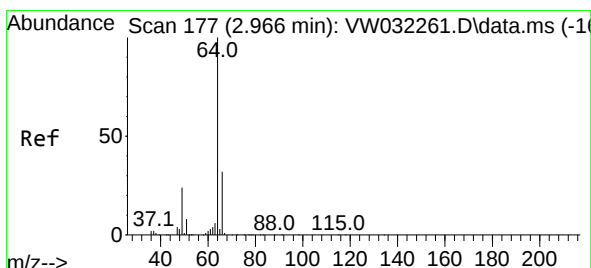
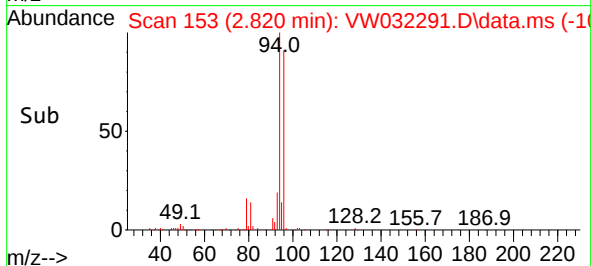
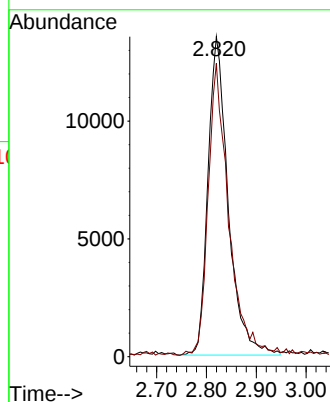
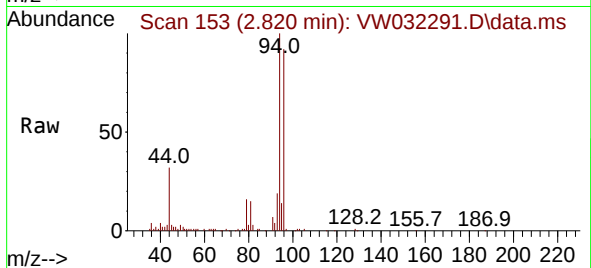




#5
Bromomethane
Concen: 20.505 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

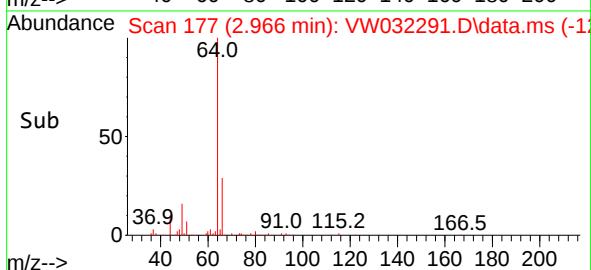
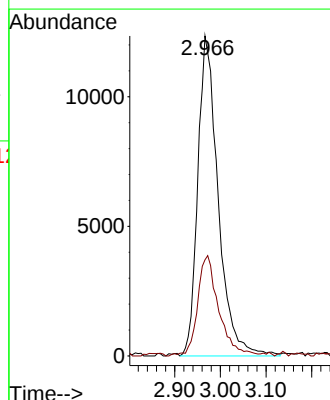
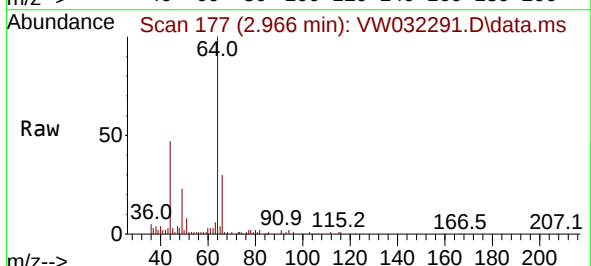
Instrument :
MSVOA_W
ClientSampleId :

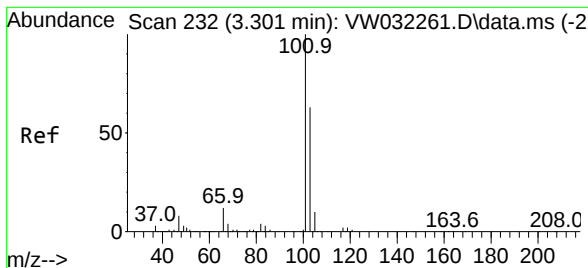
Tgt Ion: 94 Resp: 38148
Ion Ratio Lower Upper
94 100
96 91.7 70.0 105.0



#6
Chloroethane
Concen: 20.750 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 64 Resp: 38309
Ion Ratio Lower Upper
64 100
66 29.3 25.5 38.3

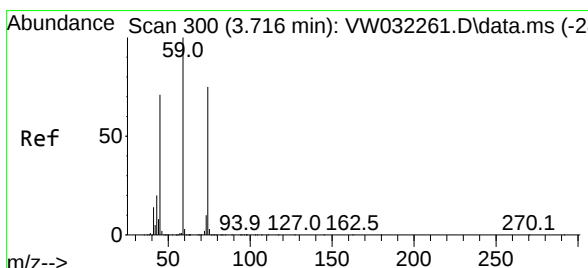
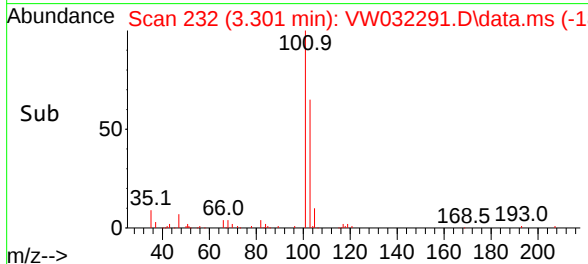
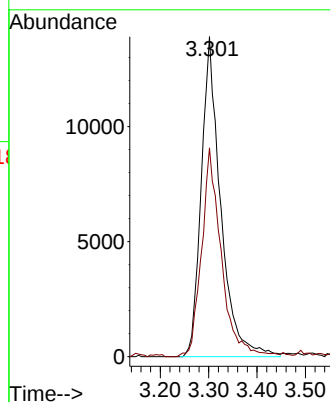
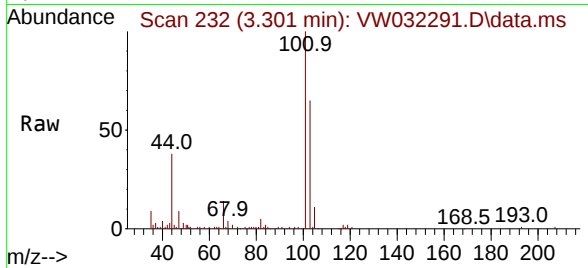




#7
 Trichlorofluoromethane
 Concen: 18.867 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

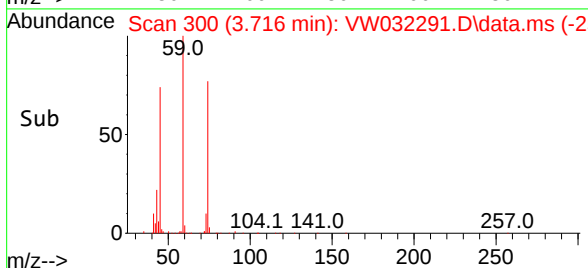
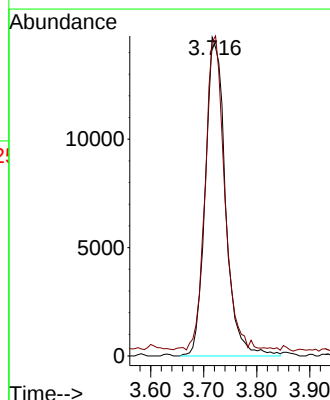
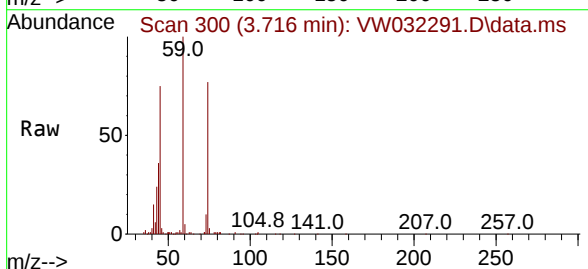
Instrument :
 MSVOA_W
 ClientSampleId :

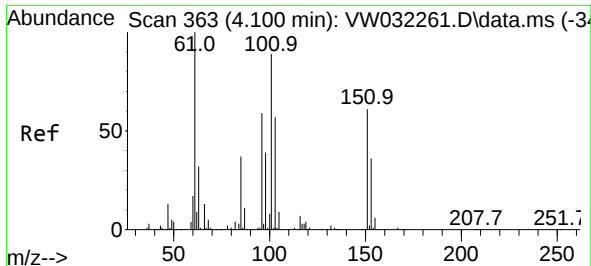
Tgt Ion:101 Resp: 38732
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.3 75.5



#8
 Diethyl Ether
 Concen: 19.925 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

Tgt Ion: 74 Resp: 38676
 Ion Ratio Lower Upper
 74 100
 45 94.9 49.0 147.2

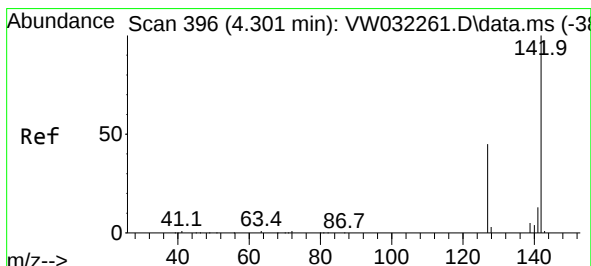
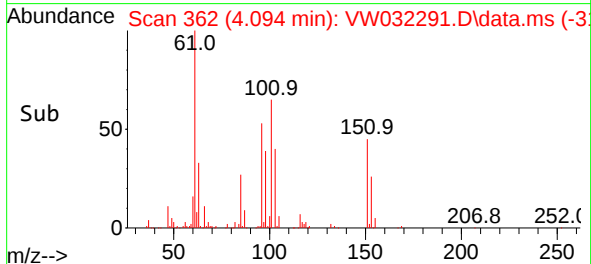
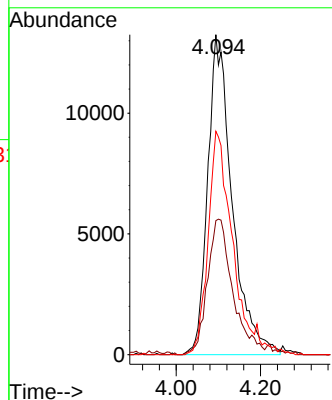
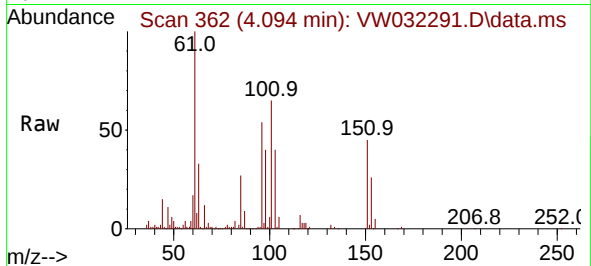




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.381 ug/l
RT: 4.094 min Scan# 362
Delta R.T. -0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

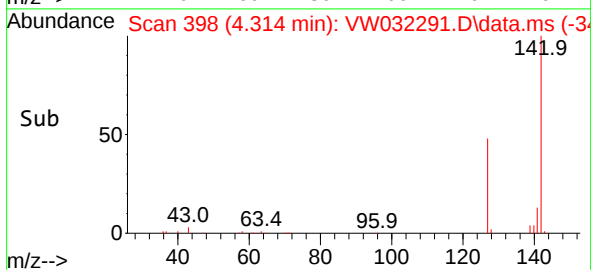
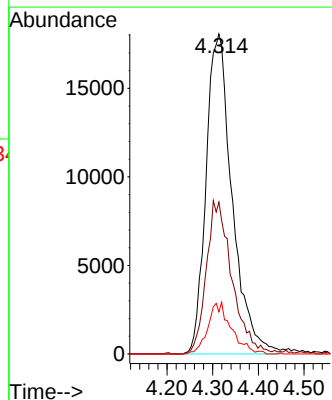
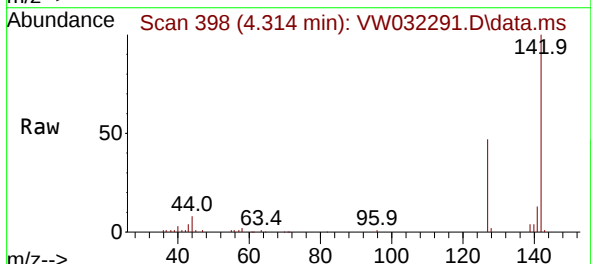
Instrument :
MSVOA_W
ClientSampleId :

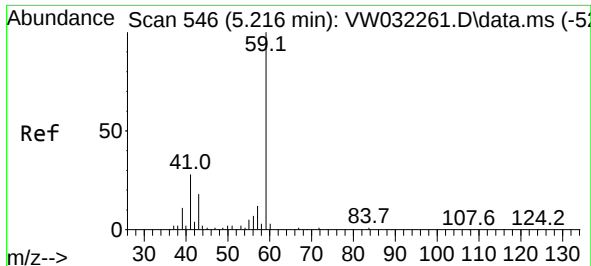
Tgt Ion:101 Resp: 53405
Ion Ratio Lower Upper
101 100
85 43.9 33.7 50.5
151 70.5 55.7 83.5



#10
Methyl Iodide
Concen: 20.231 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.012 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion:142 Resp: 71702
Ion Ratio Lower Upper
142 100
127 46.9 36.9 55.3
141 14.5 12.0 18.0

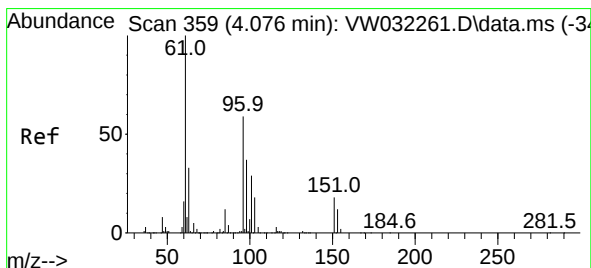
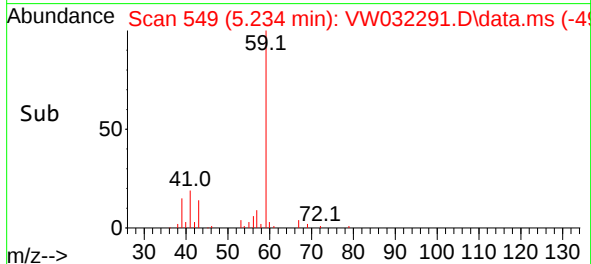
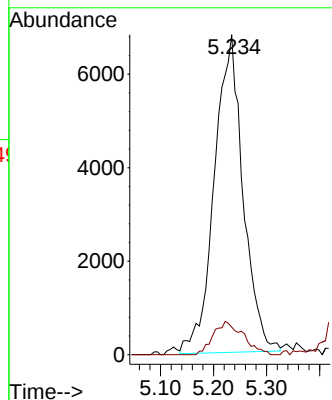
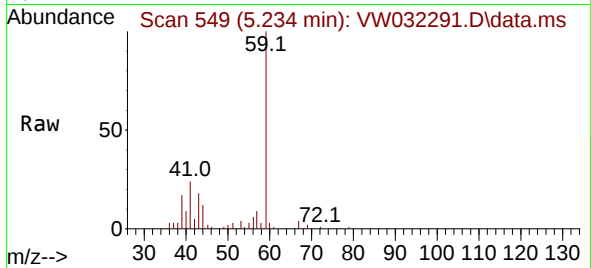




#11
Tert butyl alcohol
Concen: 98.906 ug/l
RT: 5.234 min Scan# 546
Delta R.T. 0.018 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

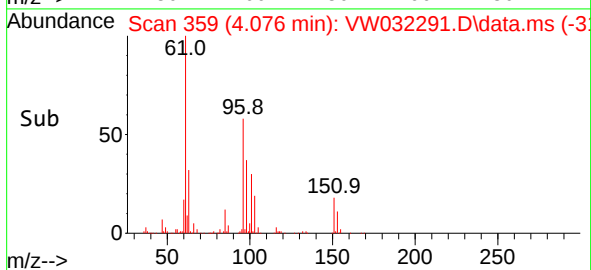
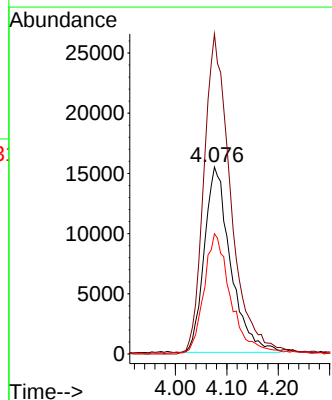
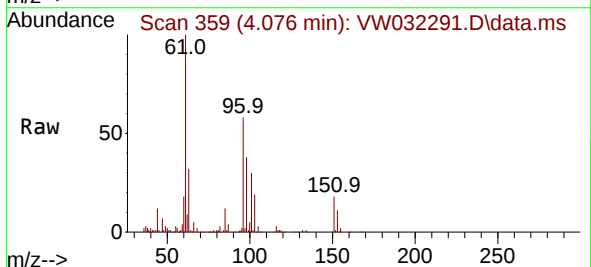
Instrument :
MSVOA_W
ClientSampleId :

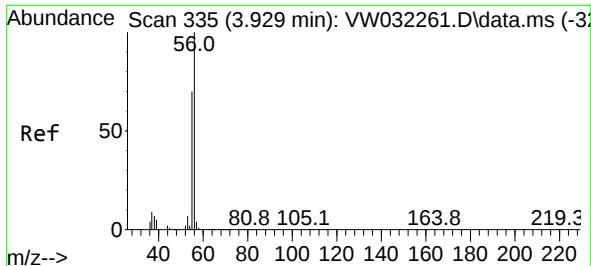
Tgt Ion: 59 Resp: 25566
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3



#12
1,1-Dichloroethene
Concen: 19.487 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 96 Resp: 54583
Ion Ratio Lower Upper
96 100
61 172.1 136.3 204.5
98 64.3 50.7 76.1

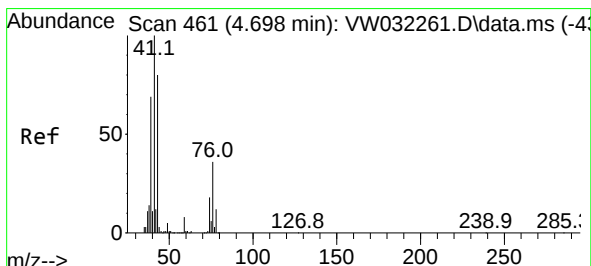
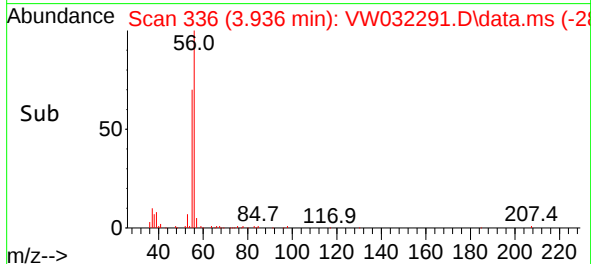
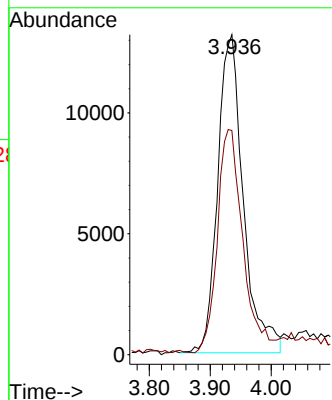
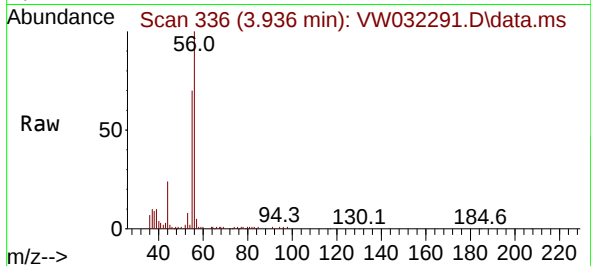




#13
Acrolein
Concen: 83.481 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

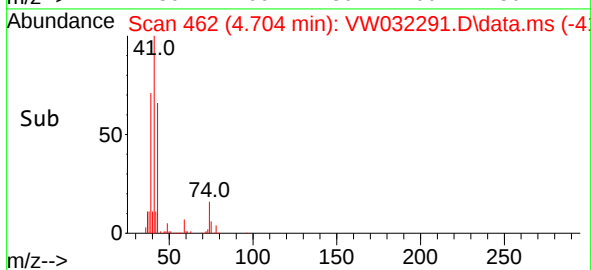
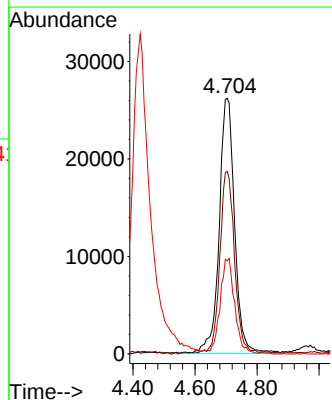
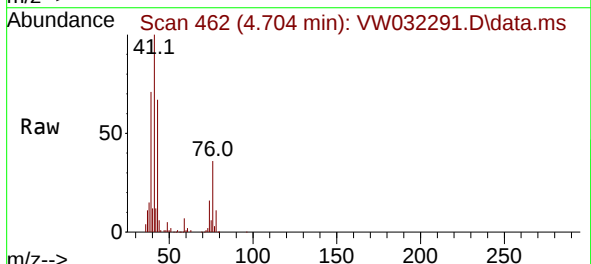
Instrument :
MSVOA_W
ClientSampleId :

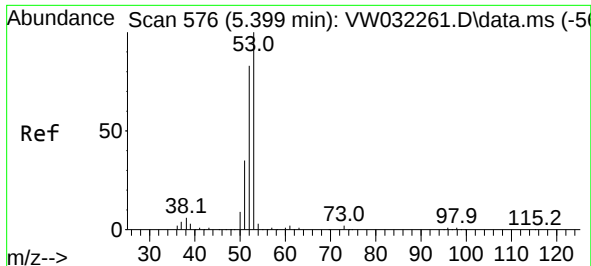
Tgt Ion: 56 Resp: 38407
Ion Ratio Lower Upper
56 100
55 70.2 53.2 79.8



#14
Allyl chloride
Concen: 20.891 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 41 Resp: 90813
Ion Ratio Lower Upper
41 100
39 67.1 54.3 81.5
76 34.3 28.7 43.1

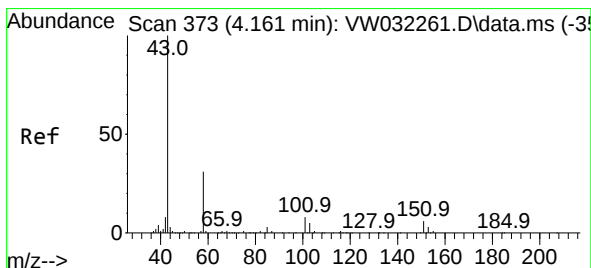
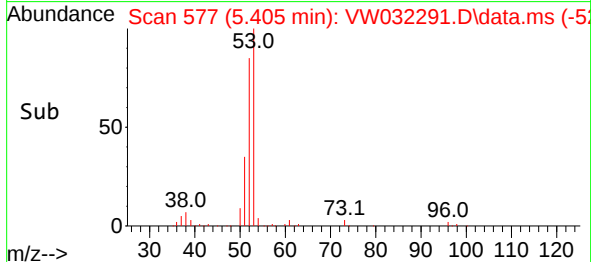
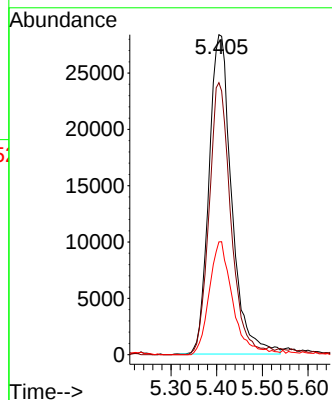
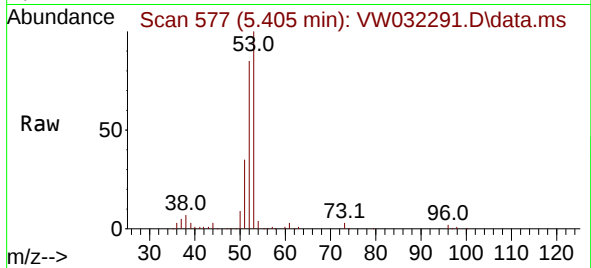




#15
Acrylonitrile
Concen: 98.095 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

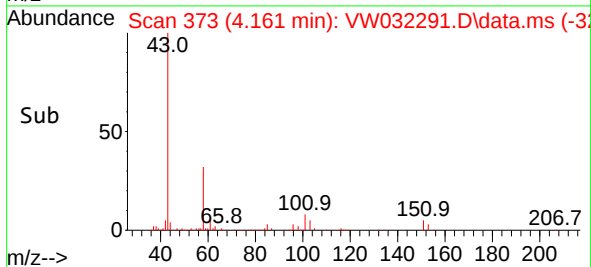
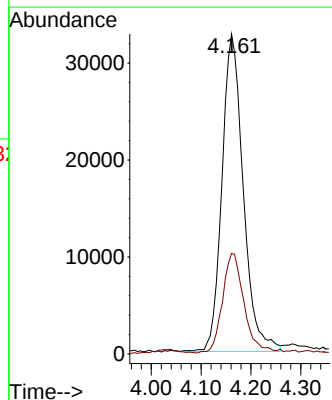
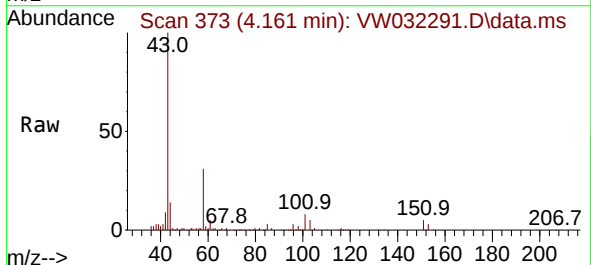
Instrument :
MSVOA_W
ClientSampleId :

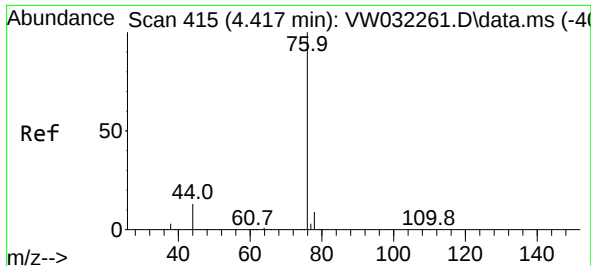
Tgt Ion: 53 Resp: 98066
Ion Ratio Lower Upper
53 100
52 81.3 66.3 99.5
51 36.5 29.6 44.4



#16
Acetone
Concen: 101.345 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 43 Resp: 96919
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.0

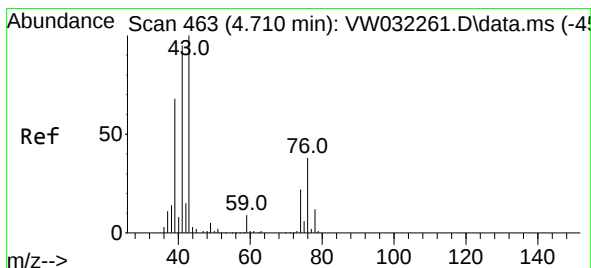
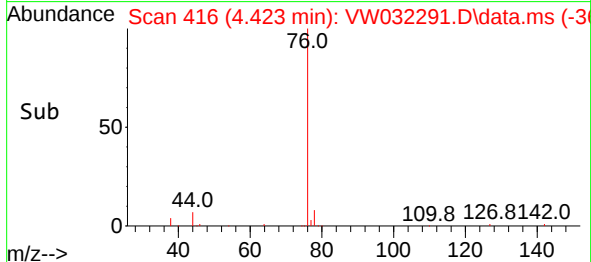
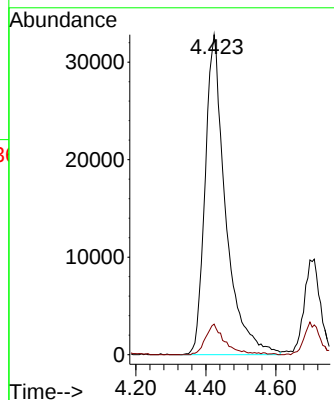
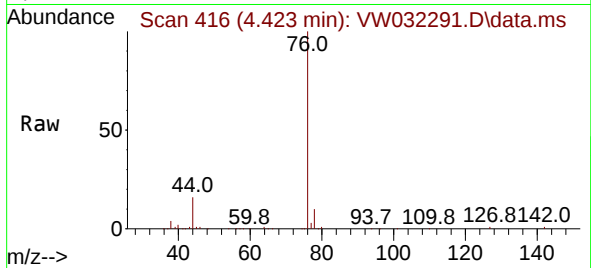




#17
Carbon Disulfide
Concen: 20.737 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

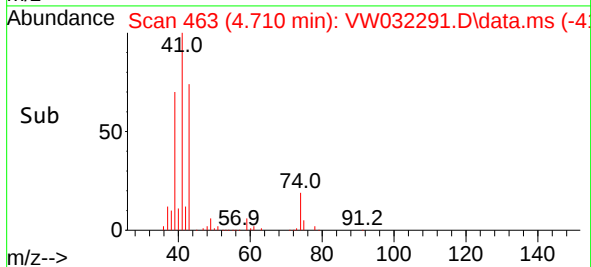
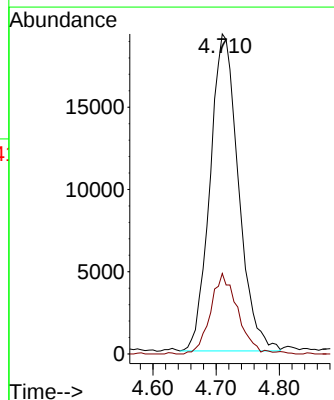
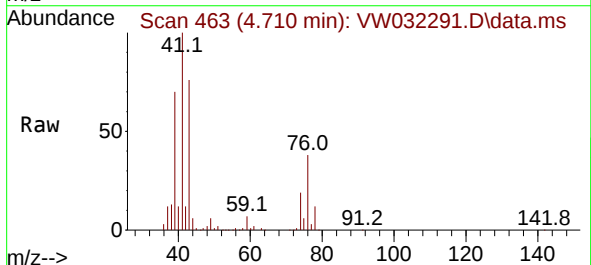
Instrument :
MSVOA_W
ClientSampleId :

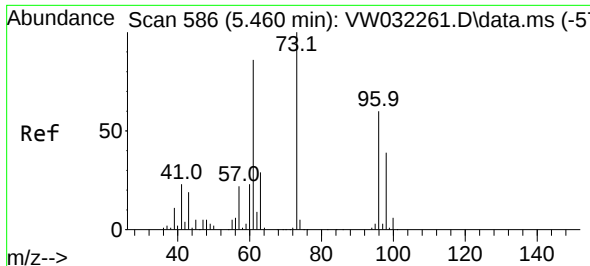
Tgt Ion: 76 Resp: 133549
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 18.354 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 43 Resp: 60367
Ion Ratio Lower Upper
43 100
74 24.2 18.8 28.2

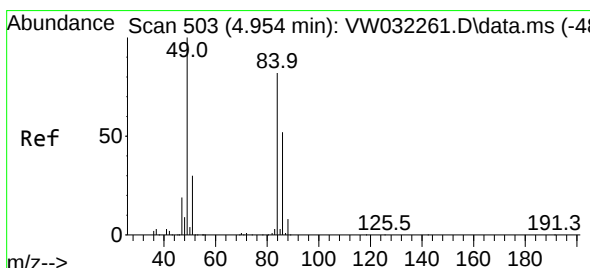
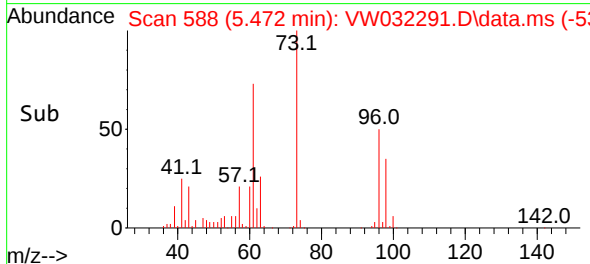
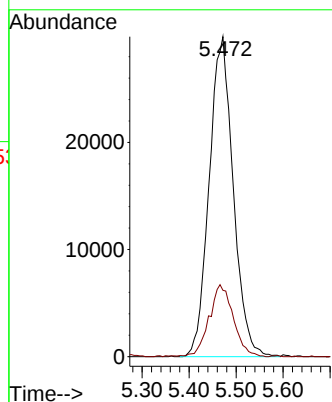
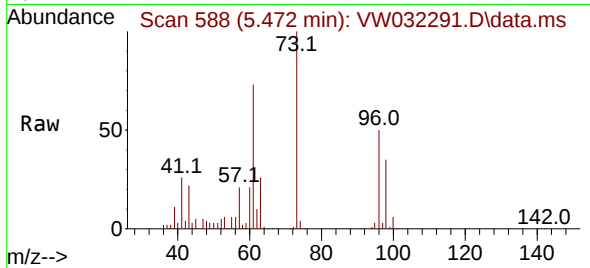




#19
Methyl tert-butyl Ether
Concen: 20.447 ug/l
RT: 5.472 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

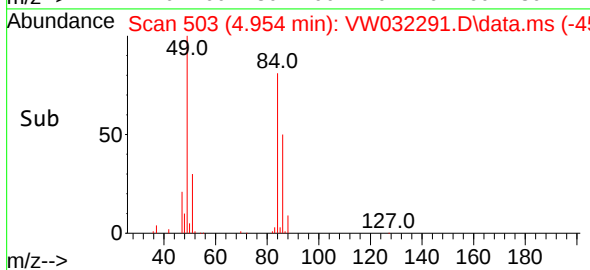
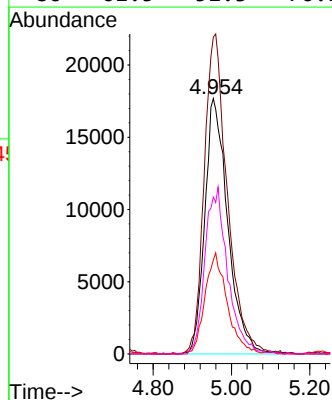
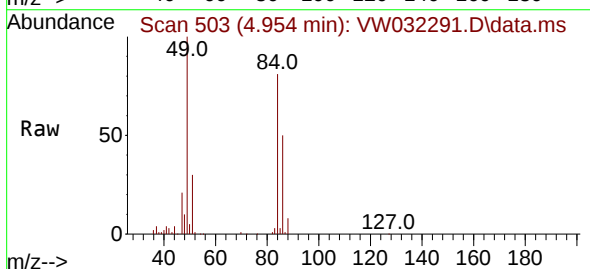
Instrument :
MSVOA_W
ClientSampleId :

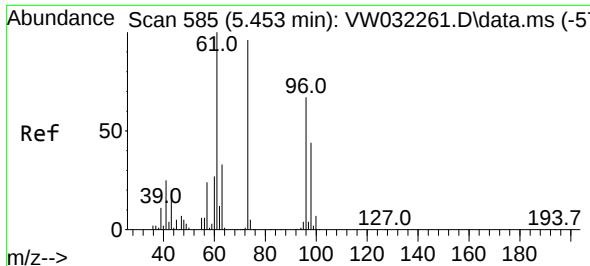
Tgt Ion: 73 Resp: 106162
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 15.653 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 84 Resp: 71995
Ion Ratio Lower Upper
84 100
49 124.1 97.8 146.6
51 36.5 29.9 44.9
86 61.5 51.3 76.9

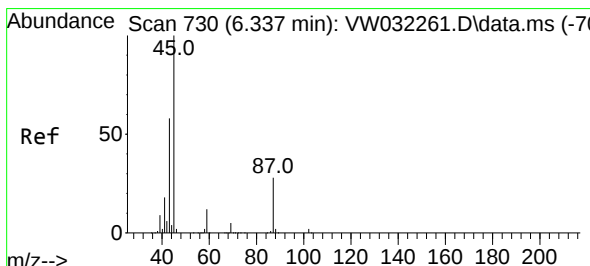
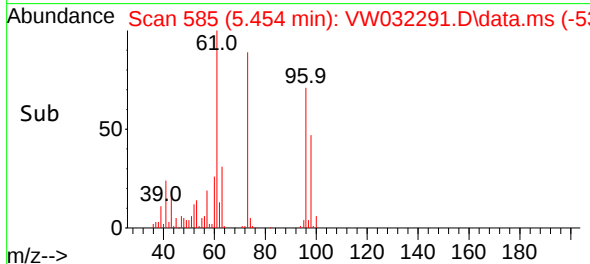
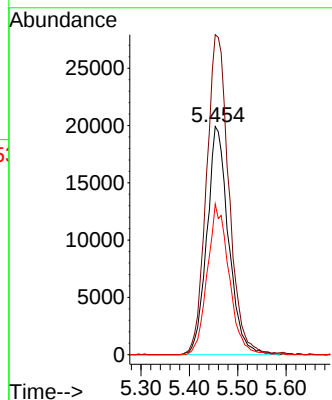
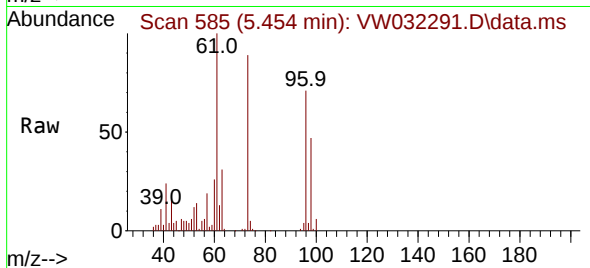




#21
trans-1,2-Dichloroethene
Concen: 20.487 ug/l
RT: 5.454 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

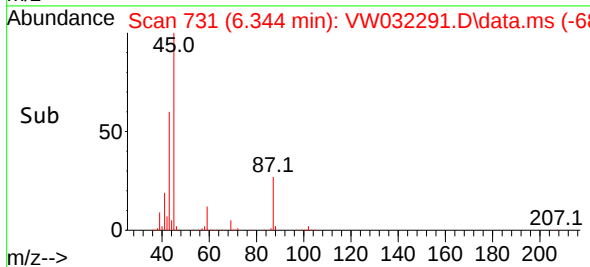
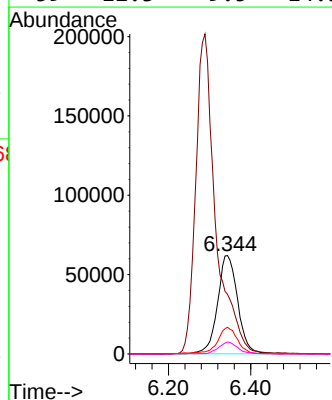
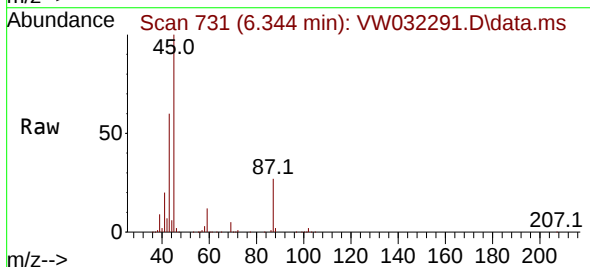
Instrument :
MSVOA_W
ClientSampleId :

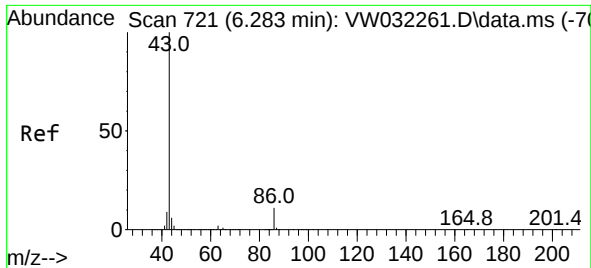
Tgt Ion: 96 Resp: 61877
Ion Ratio Lower Upper
96 100
61 140.3 119.2 178.8
98 66.1 52.5 78.7



#22
Diisopropyl ether
Concen: 21.731 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

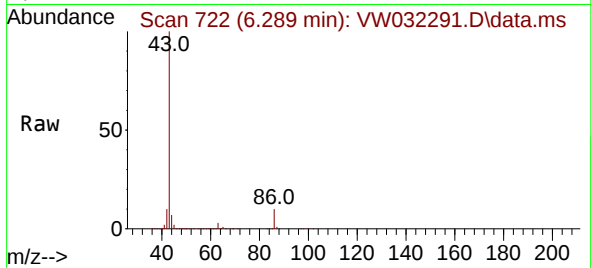
Tgt Ion: 45 Resp: 209902
Ion Ratio Lower Upper
45 100
43 59.4 46.2 69.4
87 27.2 22.2 33.2
59 12.3 9.5 14.3



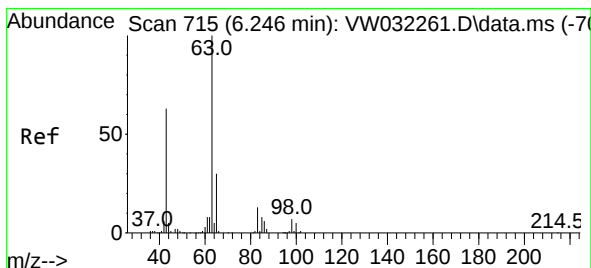
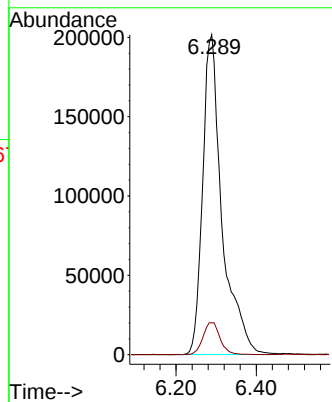
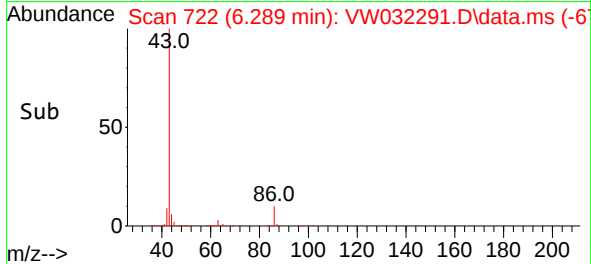


#23
 Vinyl Acetate
 Concen: 108.997 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

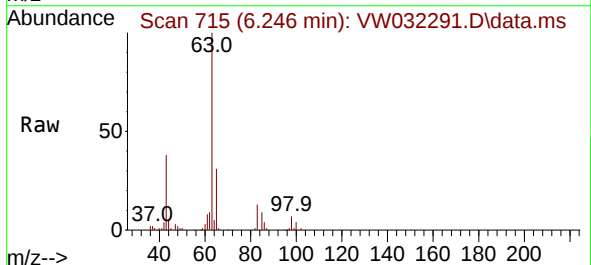
Instrument :
 MSVOA_W
 ClientSampleId :



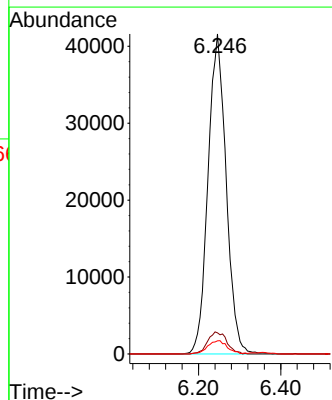
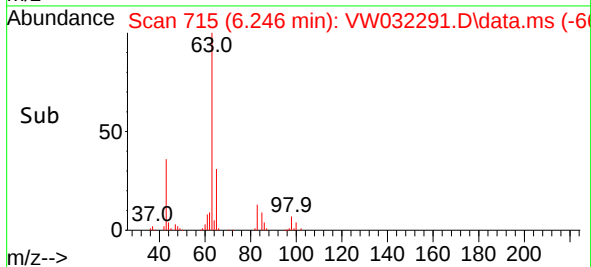
Tgt Ion: 43 Resp: 677309
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.0 13.6

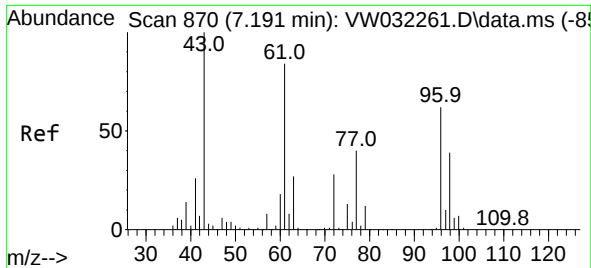


#24
 1,1-Dichloroethane
 Concen: 20.885 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09



Tgt Ion: 63 Resp: 127350
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.1 2.4 7.1

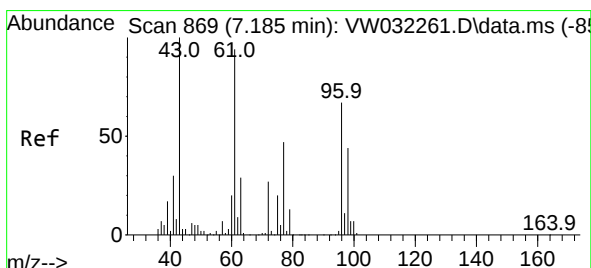
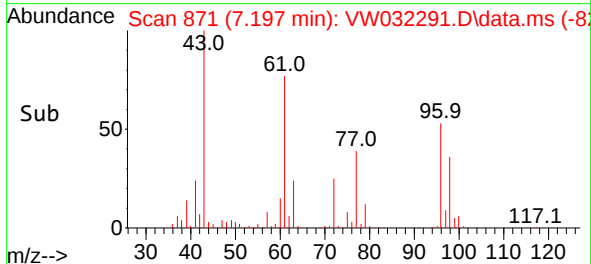
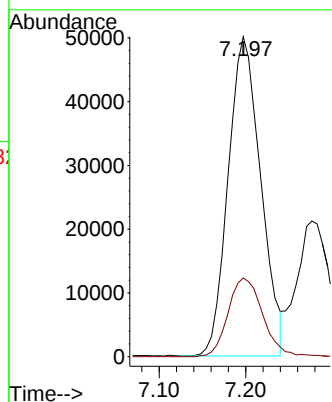
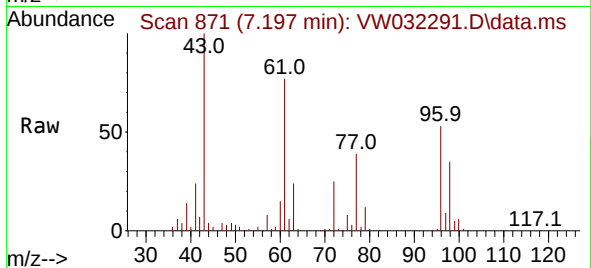




#25
2-Butanone
Concen: 98.185 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

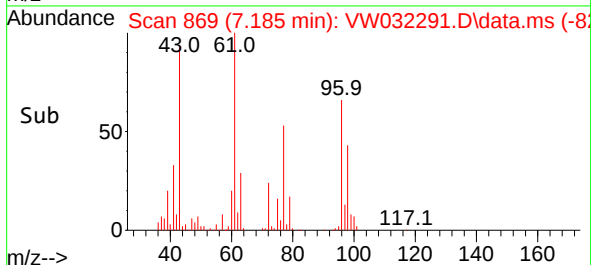
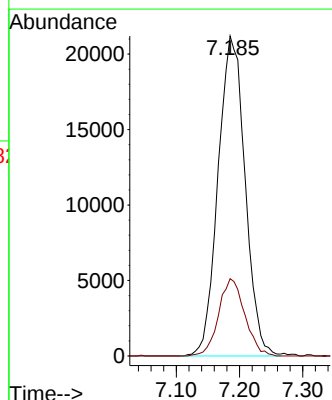
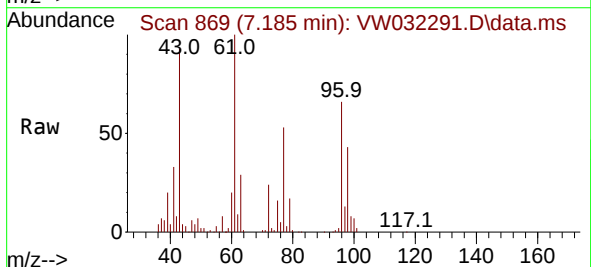
Instrument :
MSVOA_W
ClientSampleId :

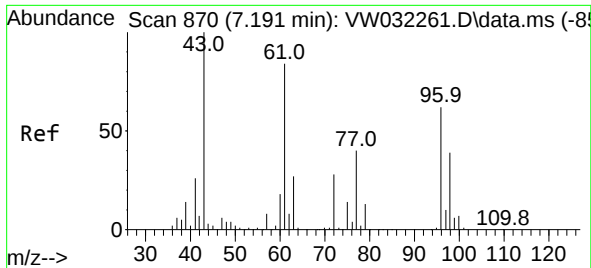
Tgt Ion: 43 Resp: 130879
Ion Ratio Lower Upper
43 100
72 24.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 20.887 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 77 Resp: 62759
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0

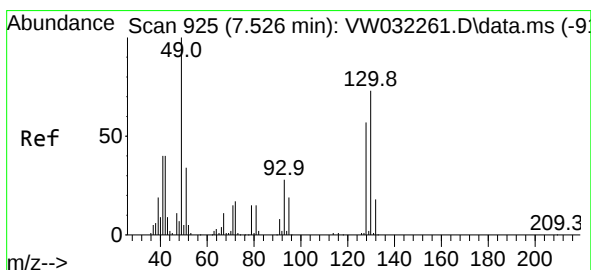
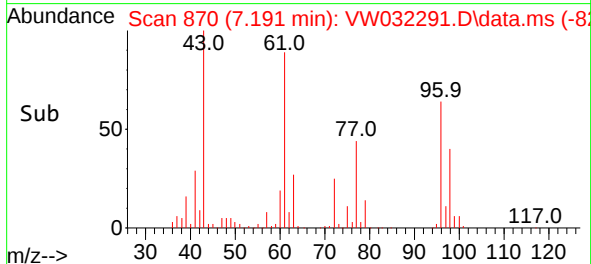
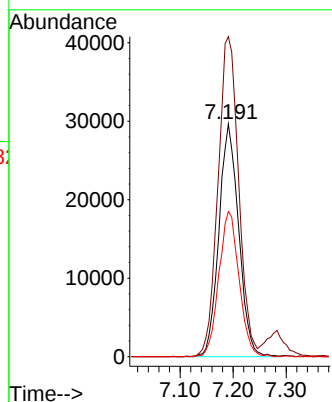
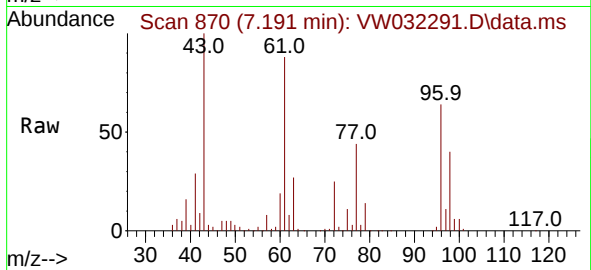




#27
 cis-1,2-Dichloroethene
 Concen: 20.439 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

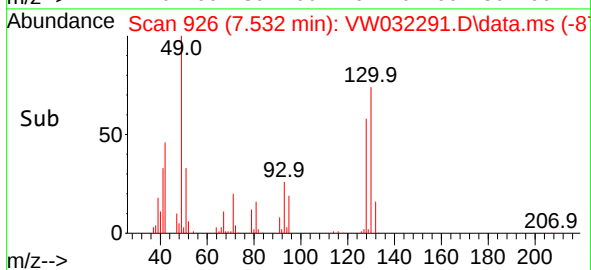
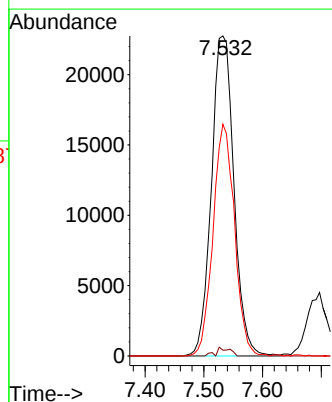
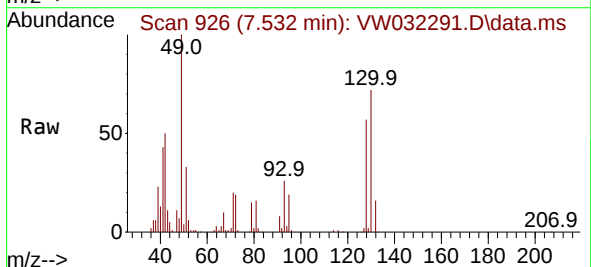
Instrument :
 MSVOA_W
 ClientSampleId :

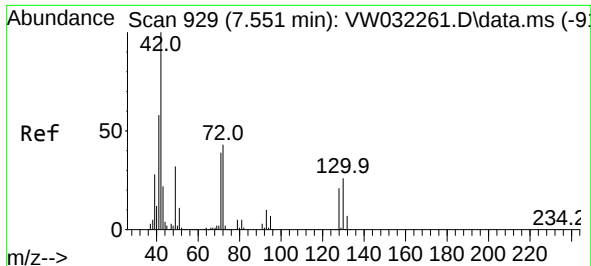
Tgt Ion: 96 Resp: 76780
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 281.8
 98 63.7 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.821 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.006 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

Tgt Ion: 49 Resp: 60580
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 2.2
 130 69.1 0.0 0.0#





#29

Tetrahydrofuran

Concen: 101.477 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

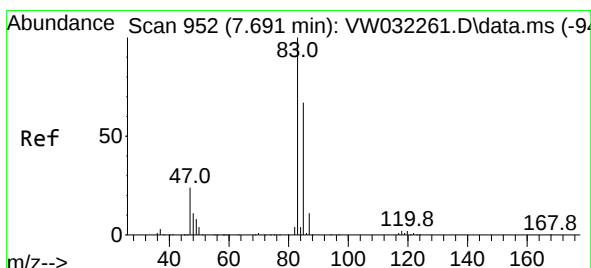
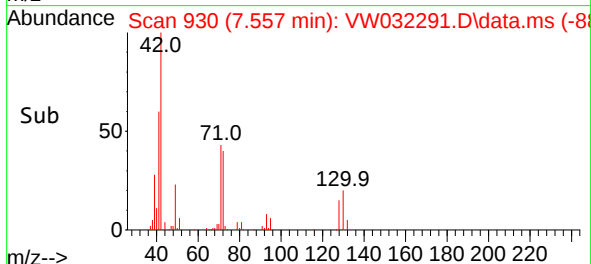
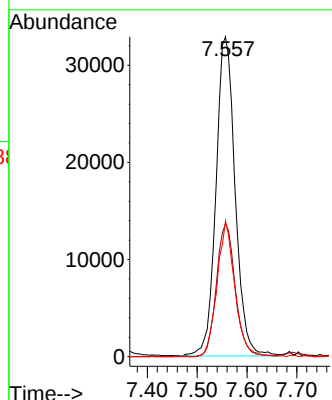
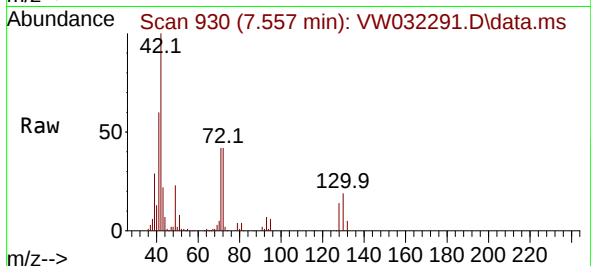
Tgt Ion: 42 Resp: 87815

Ion Ratio Lower Upper

42 100

72 41.0 35.1 52.7

71 39.5 33.3 49.9



#30

Chloroform

Concen: 20.820 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032291.D

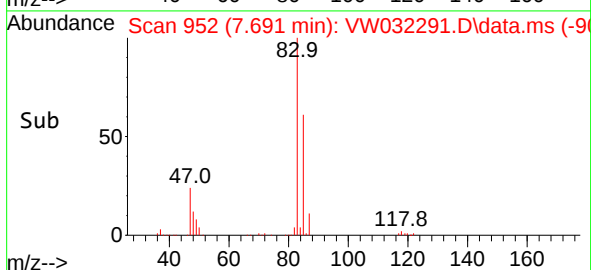
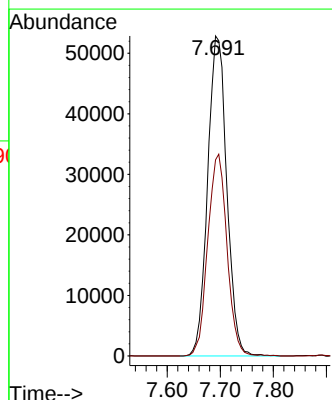
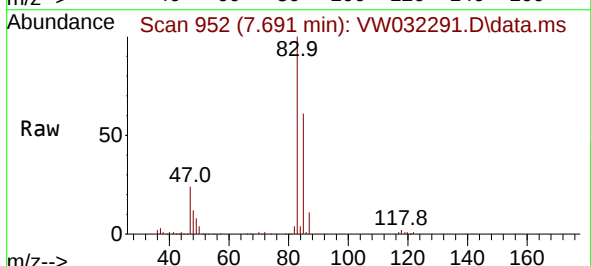
Acq: 29 Sep 2025 11:09

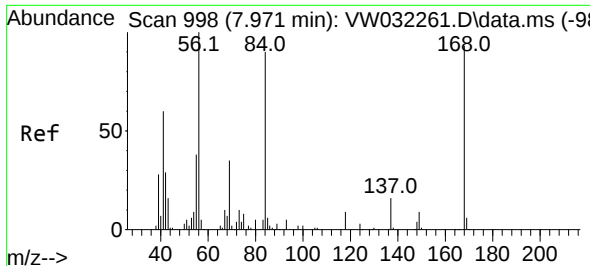
Tgt Ion: 83 Resp: 132458

Ion Ratio Lower Upper

83 100

85 61.3 53.3 79.9

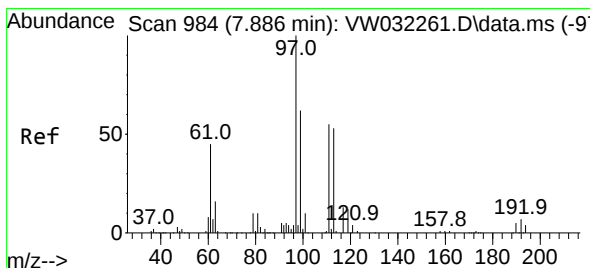
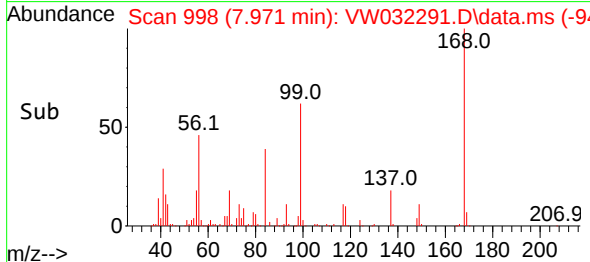
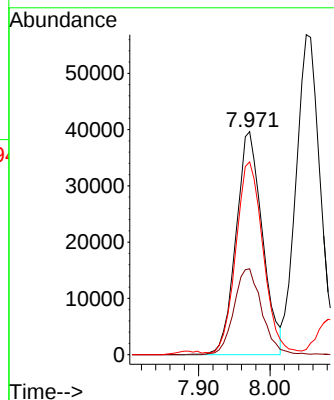
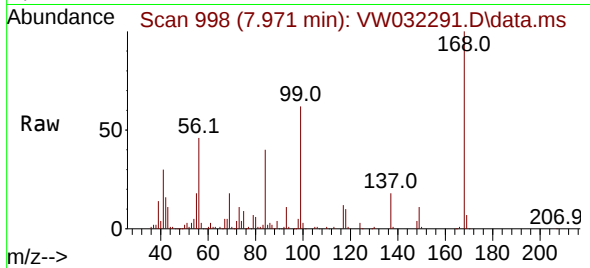




#31
Cyclohexane
Concen: 21.143 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

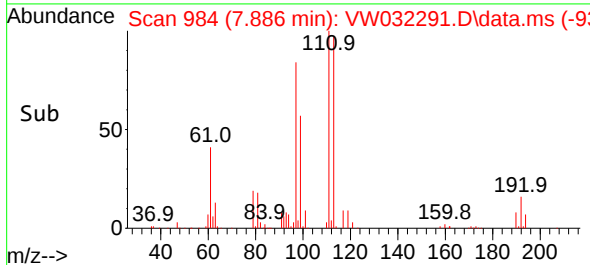
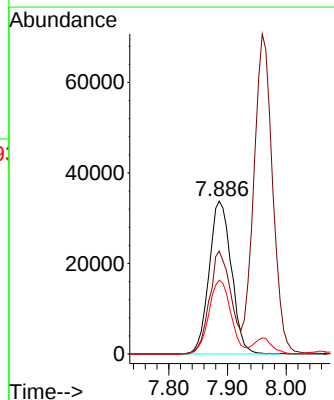
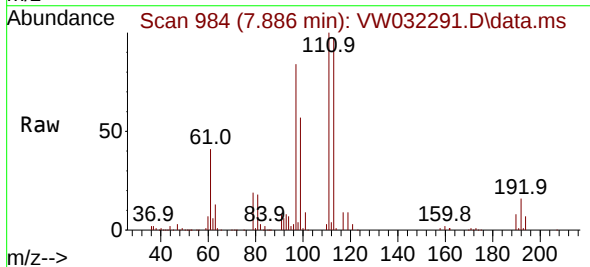
Instrument :
MSVOA_W
ClientSampleId :

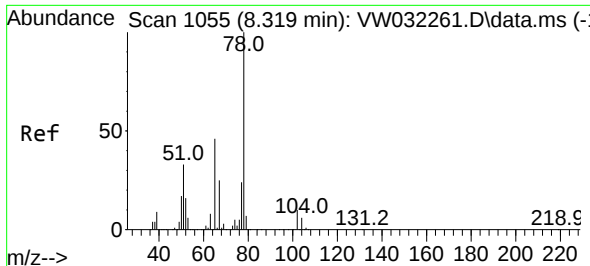
Tgt Ion: 56 Resp: 101659
Ion Ratio Lower Upper
56 100
69 38.5 28.2 42.2
84 85.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.718 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 97 Resp: 88799
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 48.1 36.2 54.4

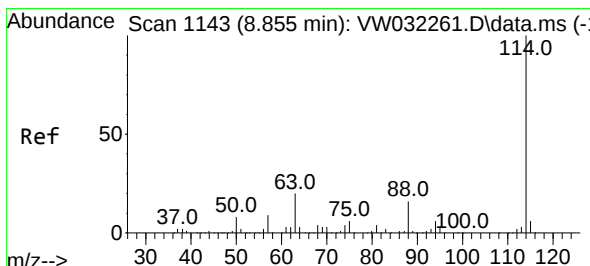
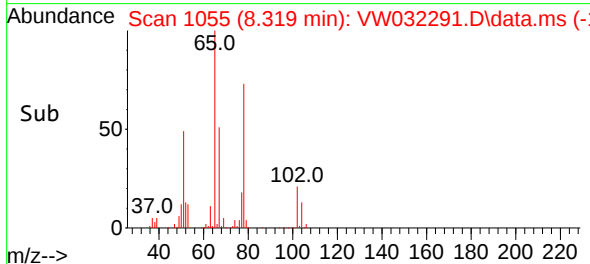
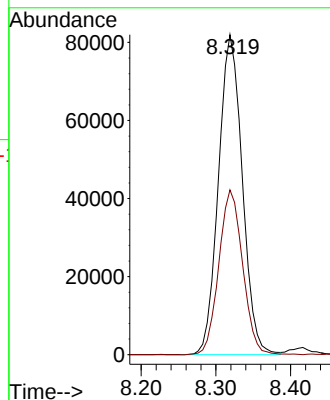
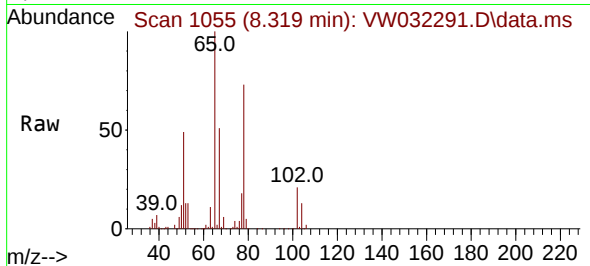




#33
 1,2-Dichloroethane-d4
 Concen: 48.868 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

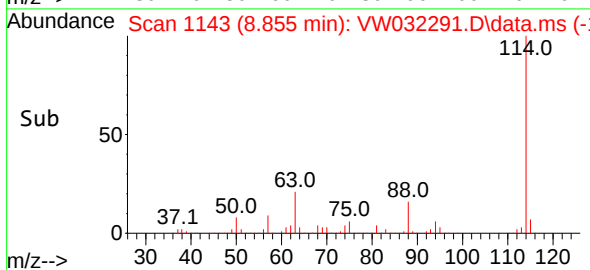
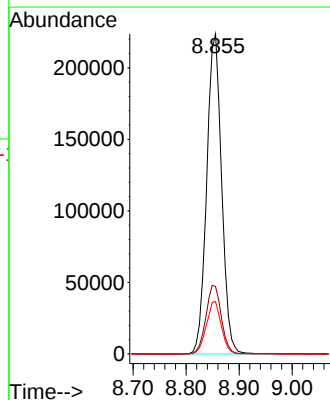
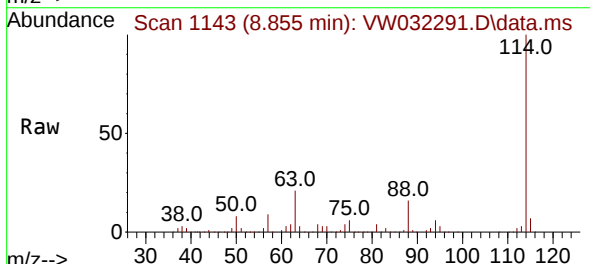
Instrument :
 MSVOA_W
 ClientSampleId :

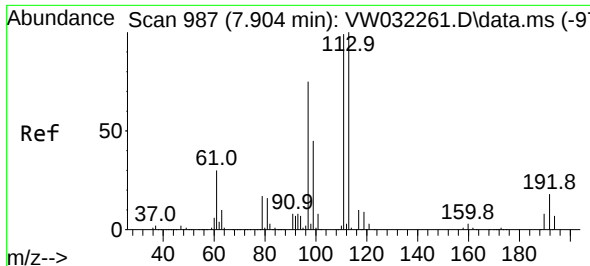
Tgt Ion: 65 Resp: 181976
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

Tgt Ion: 114 Resp: 436378
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.2
 88 16.4 0.0 32.0

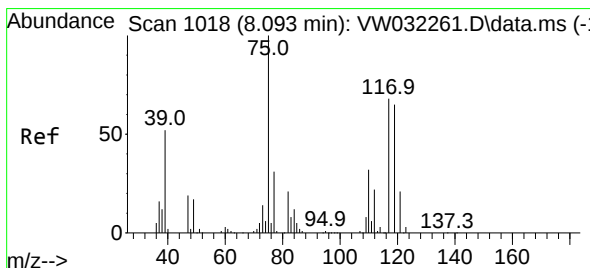
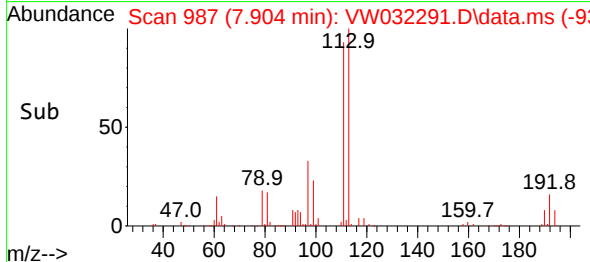
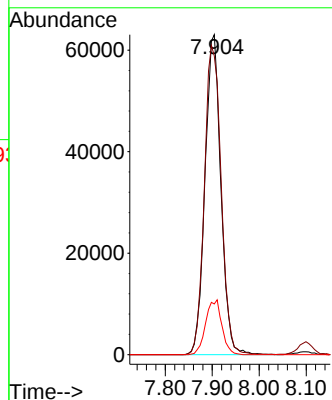
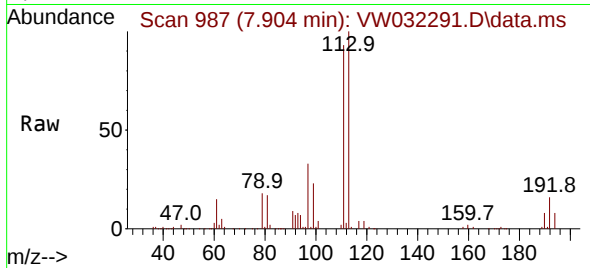




#35
Dibromofluoromethane
Concen: 47.026 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

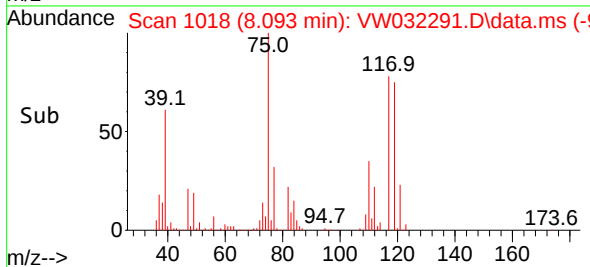
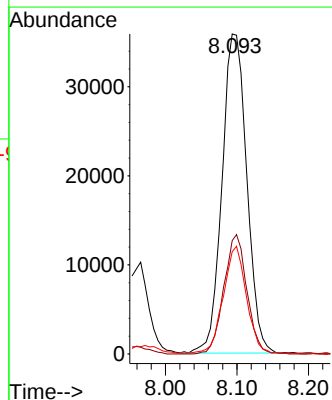
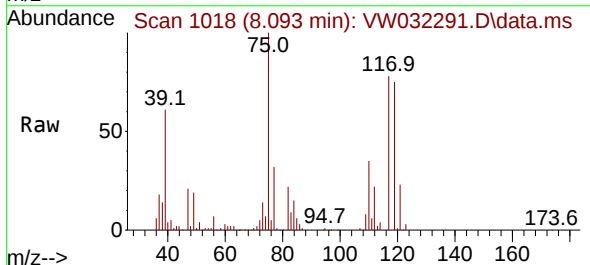
Instrument :
MSVOA_W
ClientSampleId :

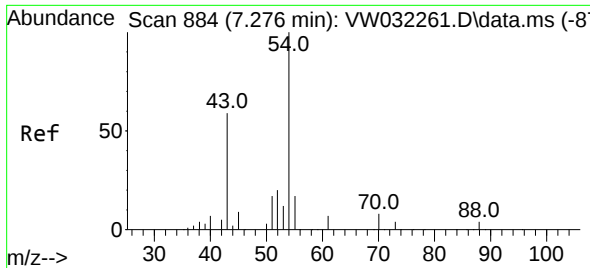
Tgt Ion:113 Resp: 147580
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 17.4 13.0 19.4



#36
1,1-Dichloropropene
Concen: 20.402 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 75 Resp: 86323
Ion Ratio Lower Upper
75 100
110 34.8 16.7 50.1
77 32.0 25.2 37.8

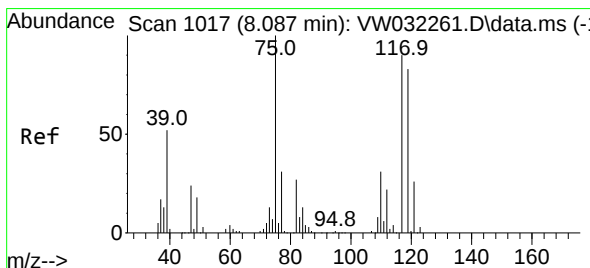
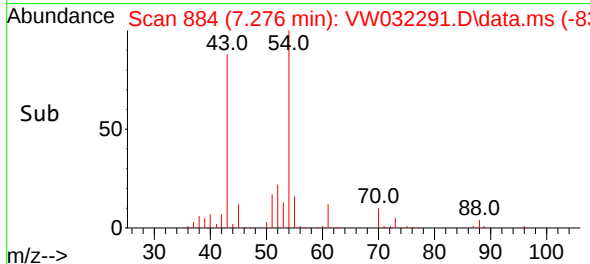
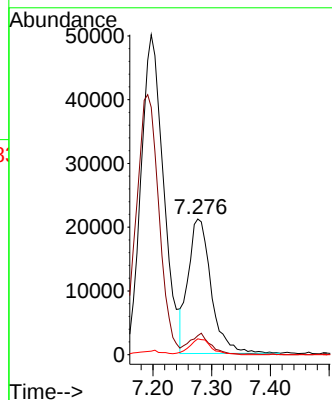
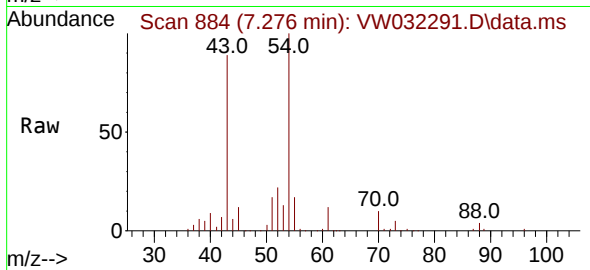




#37
Ethyl Acetate
Concen: 20.404 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

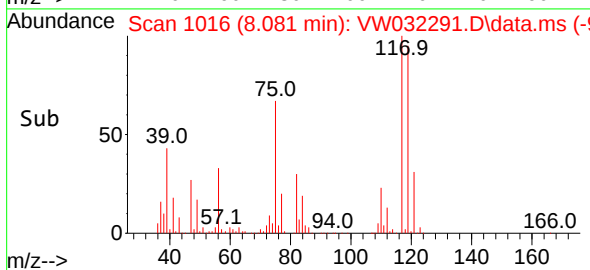
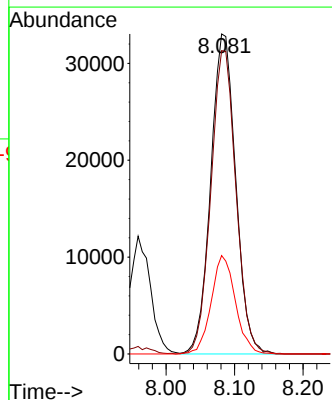
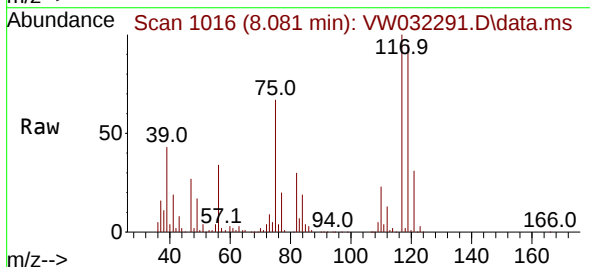
Instrument :
MSVOA_W
ClientSampleId :

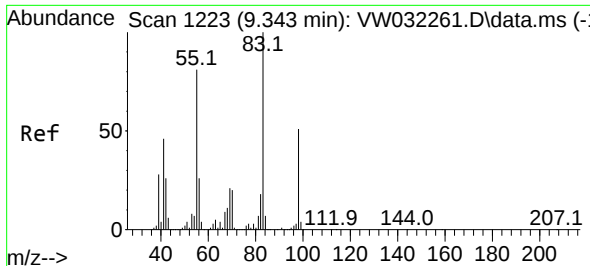
Tgt Ion: 43 Resp: 57255
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 21.027 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 117 Resp: 83700
Ion Ratio Lower Upper
117 100
119 94.6 73.9 110.9
121 30.7 23.0 34.6

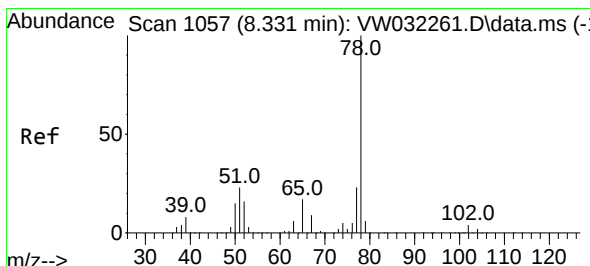
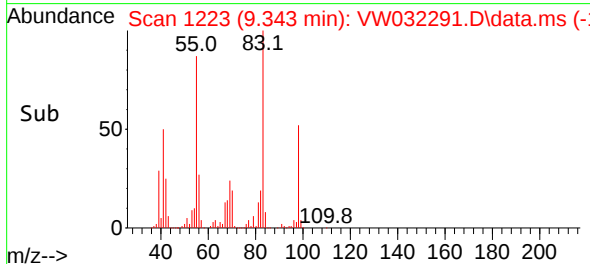
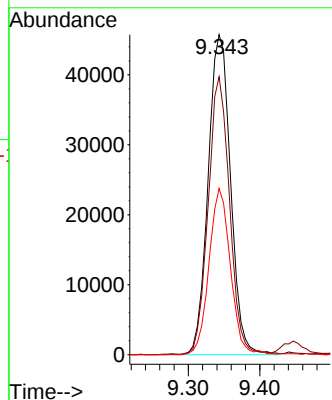
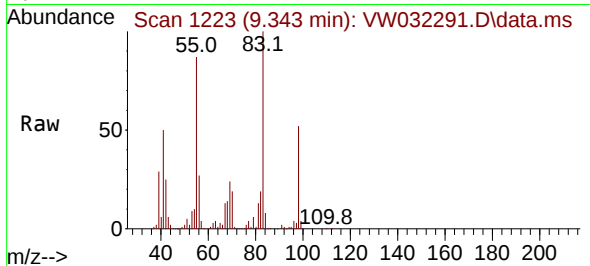




#39
Methylcyclohexane
Concen: 20.366 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

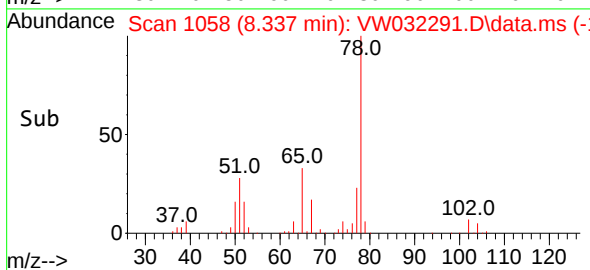
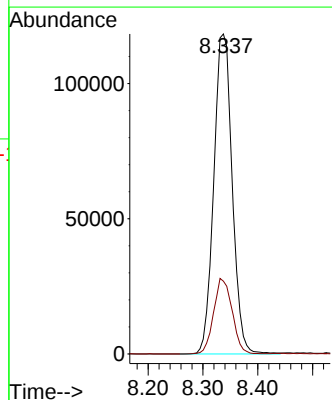
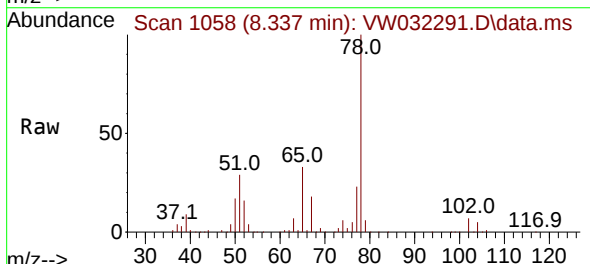
Instrument :
MSVOA_W
ClientSampleId :

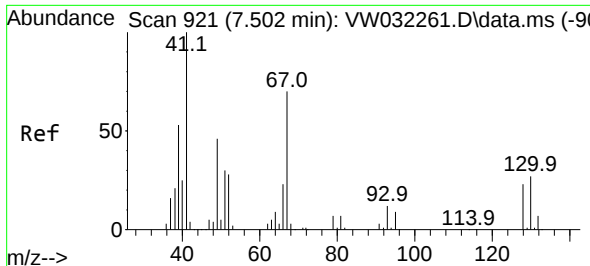
Tgt Ion: 83 Resp: 99706
Ion Ratio Lower Upper
83 100
55 86.7 65.0 97.6
98 52.0 40.8 61.2



#40
Benzene
Concen: 20.728 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 78 Resp: 276063
Ion Ratio Lower Upper
78 100
77 22.8 18.7 28.1



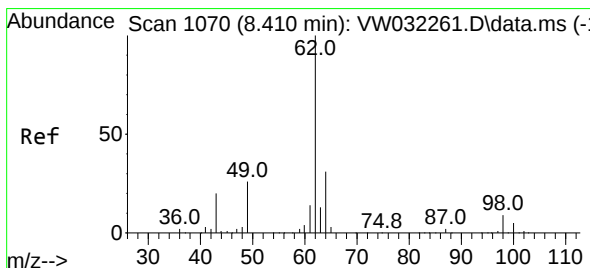
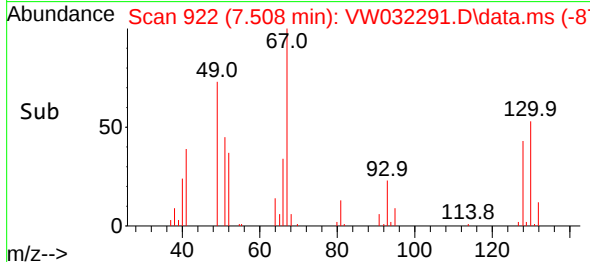
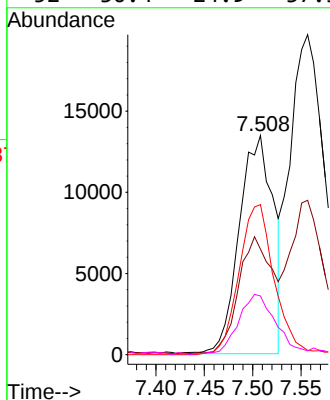
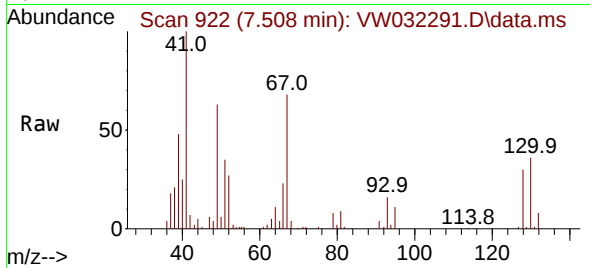


#41
Methacrylonitrile
Concen: 20.526 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 32988

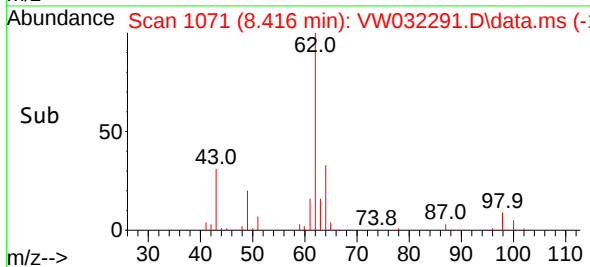
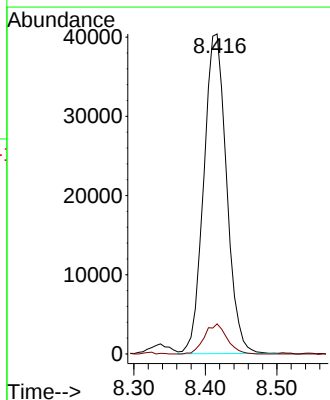
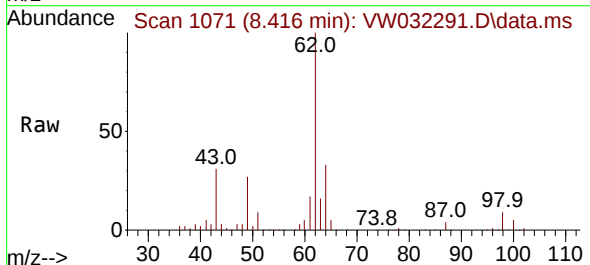
Ion	Ratio	Lower	Upper
41	100		
39	53.6	46.9	70.3
67	72.0	59.0	88.4
52	30.4	24.9	37.3

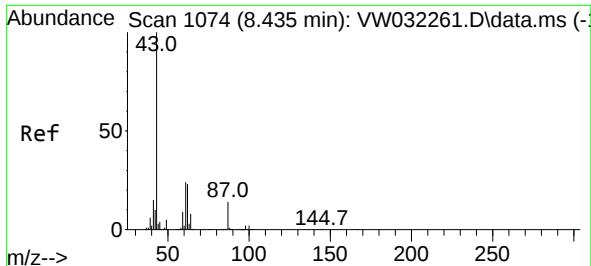


#42
1,2-Dichloroethane
Concen: 20.190 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 62 Resp: 89380

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.775 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

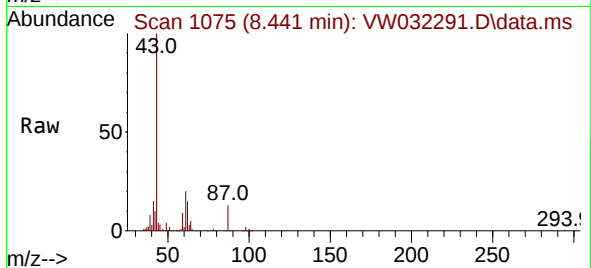
Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :



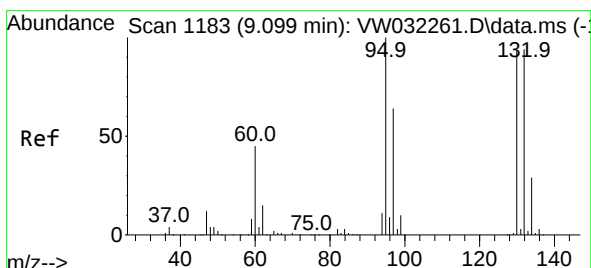
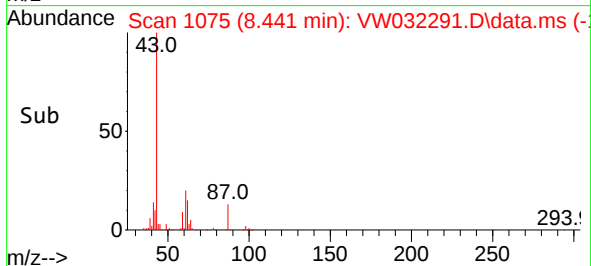
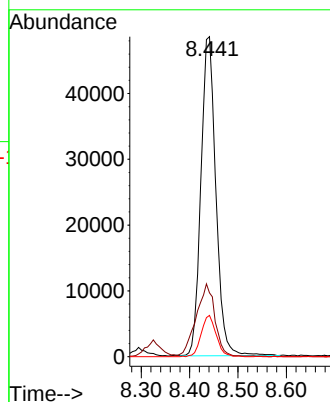
Tgt Ion: 43 Resp: 104356

Ion Ratio Lower Upper

43 100

61 28.4 24.2 36.2

87 13.0 10.6 16.0



#44

Trichloroethene

Concen: 21.028 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW032291.D

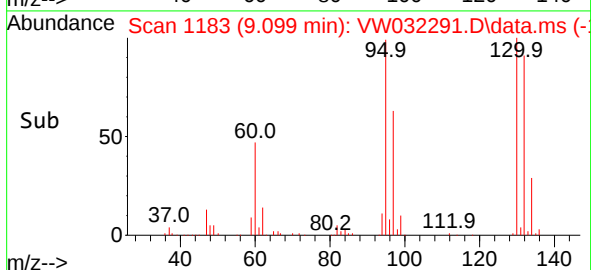
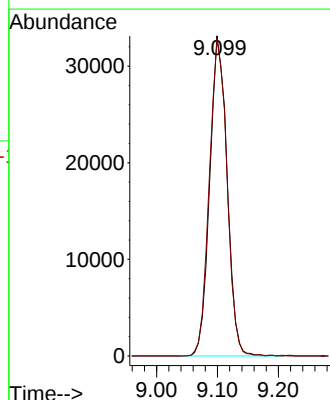
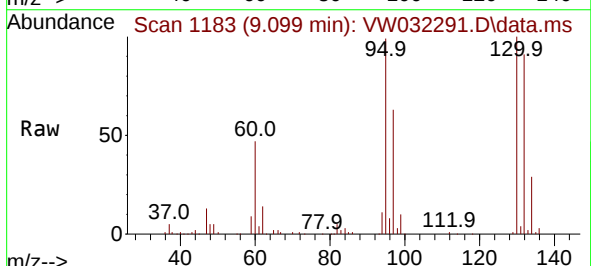
Acq: 29 Sep 2025 11:09

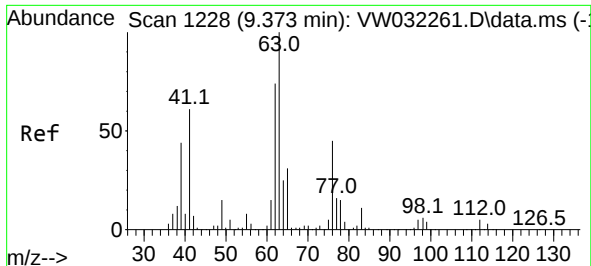
Tgt Ion:130 Resp: 65460

Ion Ratio Lower Upper

130 100

95 99.0 0.0 215.2

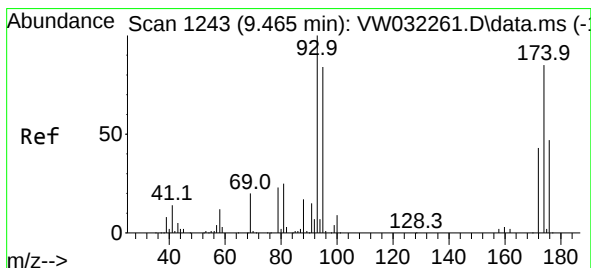
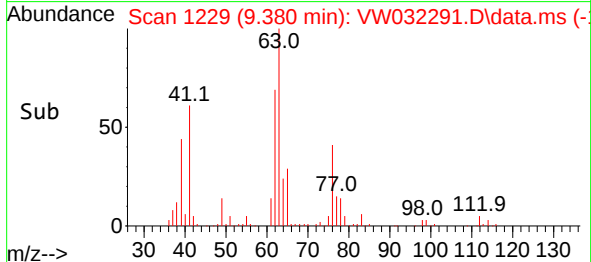
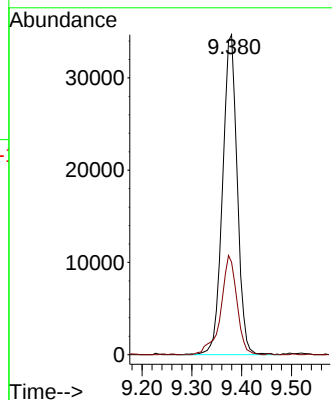
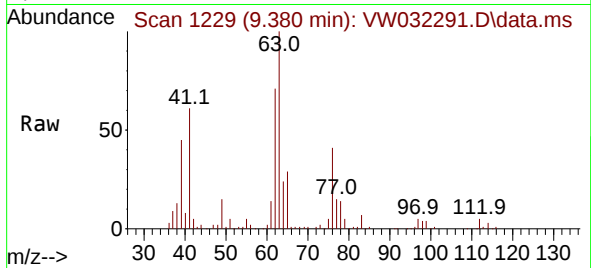




#45
1,2-Dichloropropane
Concen: 20.524 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

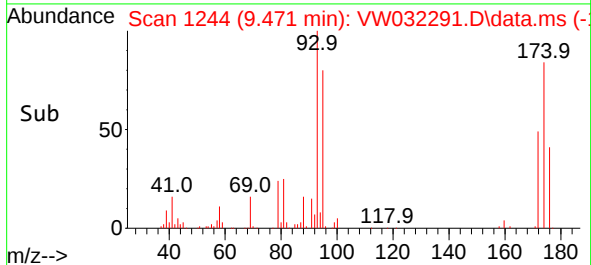
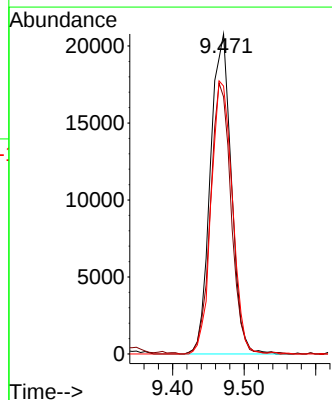
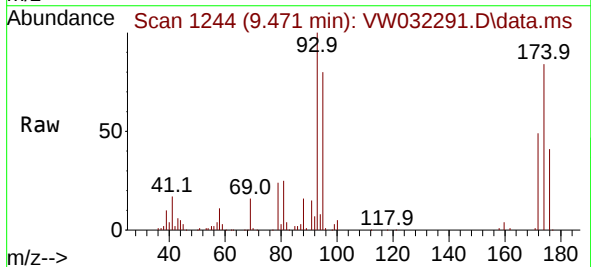
Instrument :
MSVOA_W
ClientSampleId :

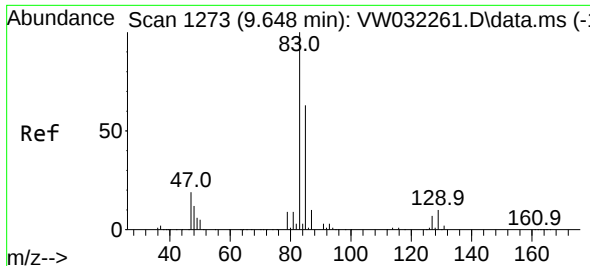
Tgt Ion: 63 Resp: 70794
Ion Ratio Lower Upper
63 100
65 28.9 24.9 37.3



#46
Dibromomethane
Concen: 19.954 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 93 Resp: 42317
Ion Ratio Lower Upper
93 100
95 83.2 66.6 99.8
174 86.1 69.0 103.6

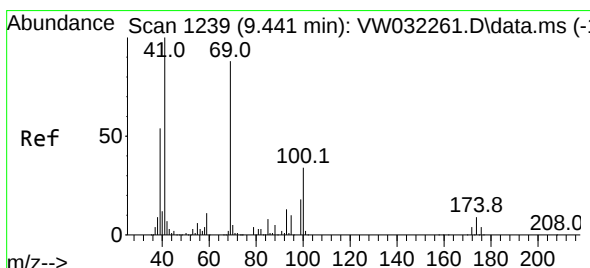
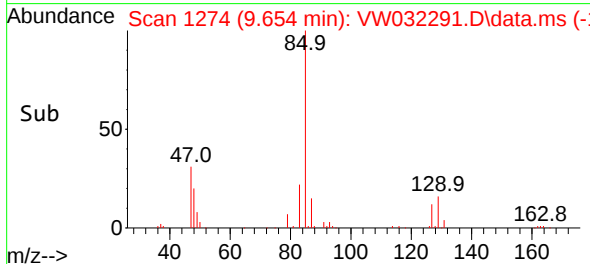
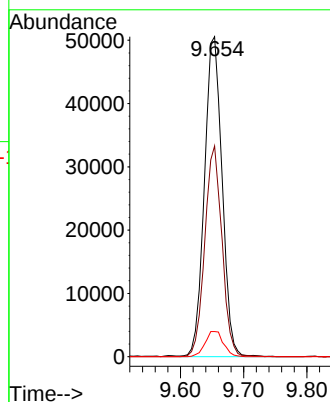
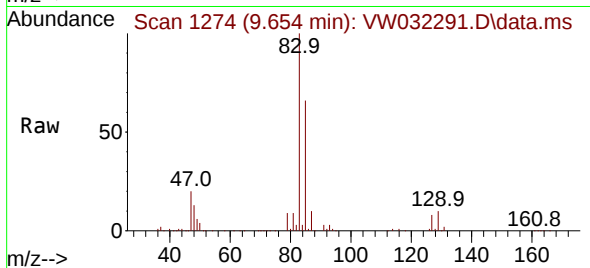




#47
Bromodichloromethane
Concen: 20.349 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

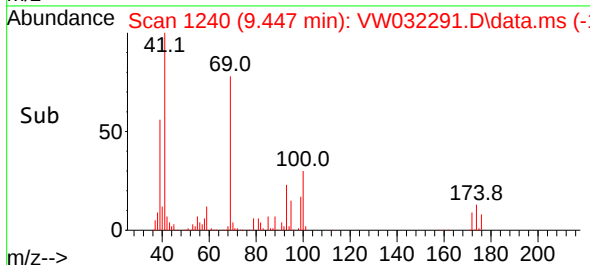
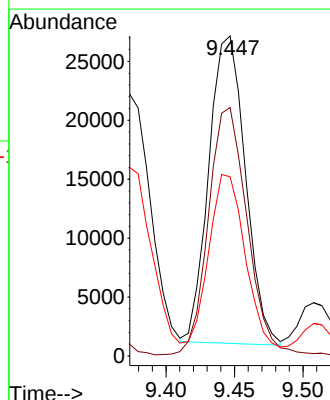
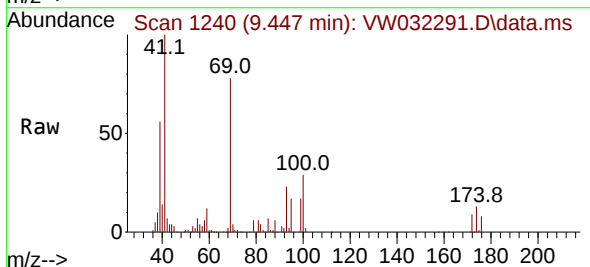
Instrument :
MSVOA_W
ClientSampleId :

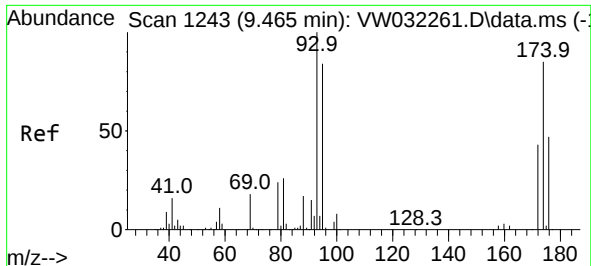
Tgt Ion: 83 Resp: 98428
Ion Ratio Lower Upper
83 100
85 65.9 50.3 75.5
127 7.8 5.6 8.4



#48
Methyl methacrylate
Concen: 20.489 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 41 Resp: 48419
Ion Ratio Lower Upper
41 100
69 85.6 71.4 107.0
39 60.7 46.9 70.3

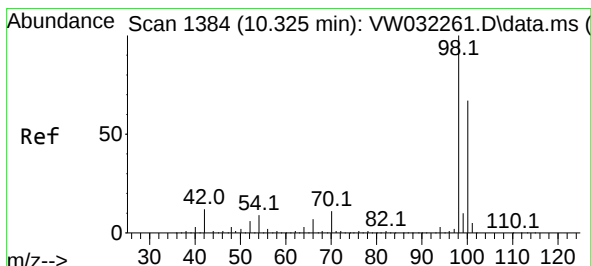
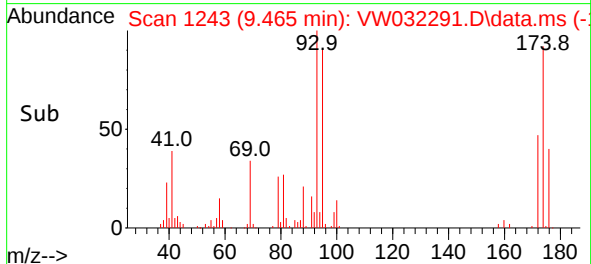
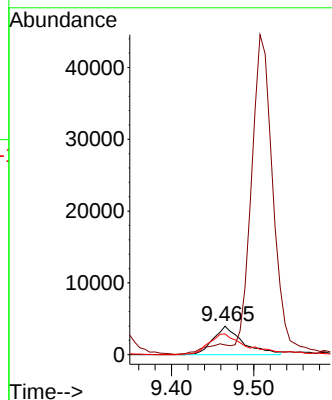
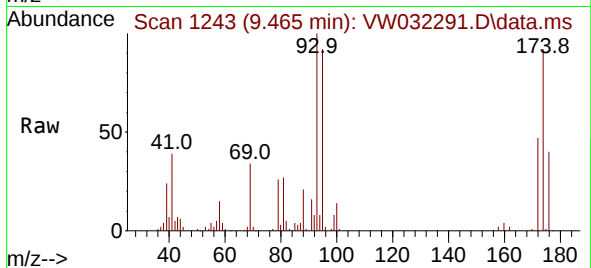




#49
1,4-Dioxane
Concen: 349.997 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

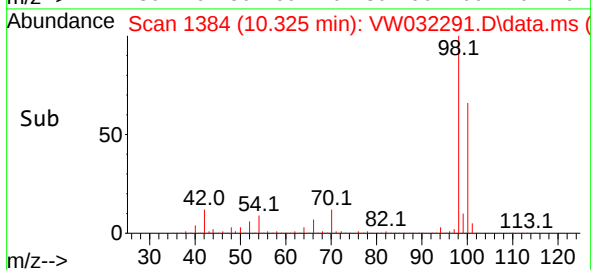
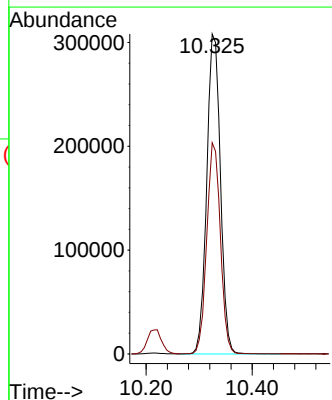
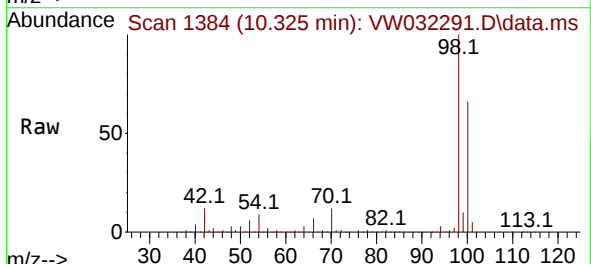
Instrument :
MSVOA_W
ClientSampleId :

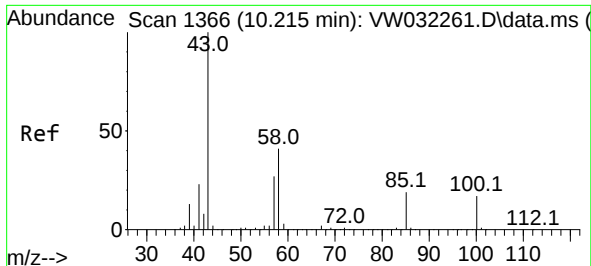
Tgt Ion: 88 Resp: 9941
Ion Ratio Lower Upper
88 100
43 32.6 0.0 0.0#
58 96.2 62.9 94.3#



#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 98 Resp: 551350
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4

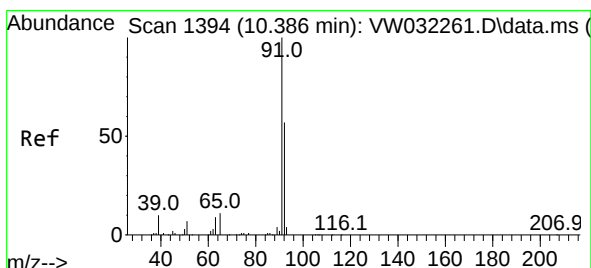
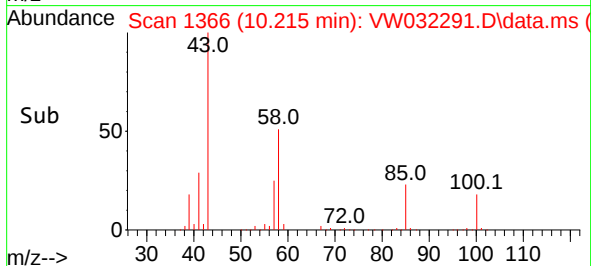
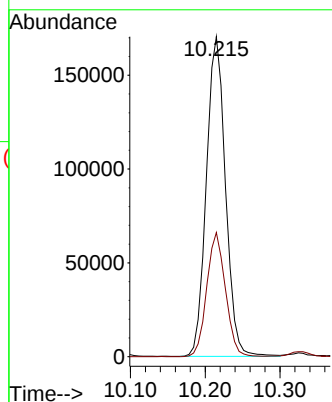
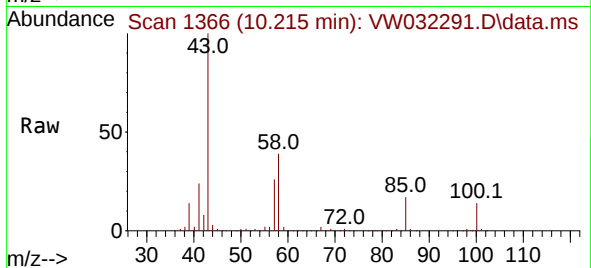




#51
4-Methyl-2-Pentanone
Concen: 101.673 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

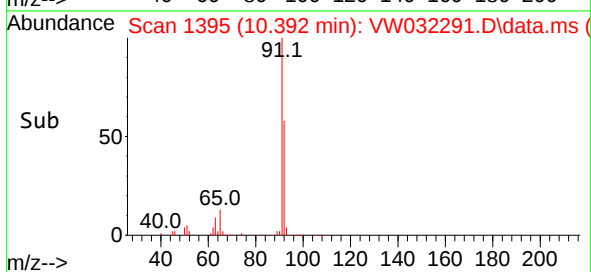
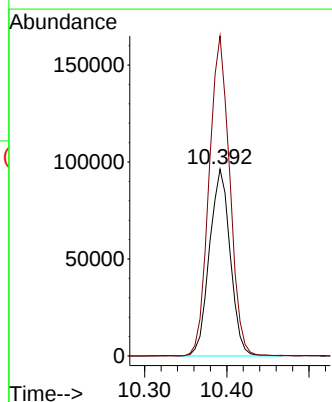
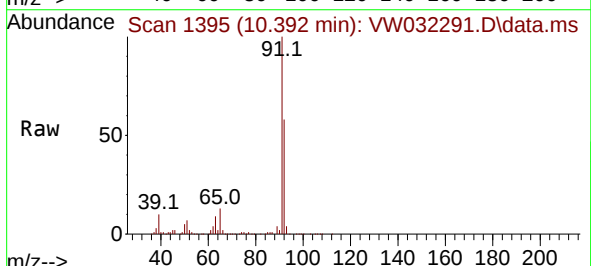
Instrument :
MSVOA_W
ClientSampleId :

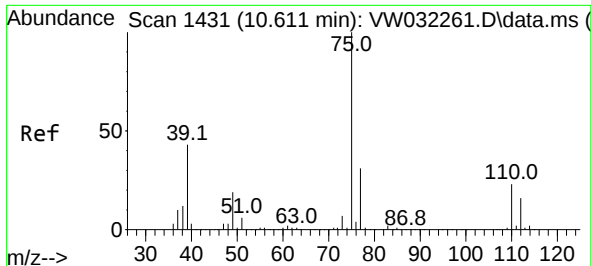
Tgt Ion: 43 Resp: 302807
Ion Ratio Lower Upper
43 100
58 37.9 32.3 48.5



#52
Toluene
Concen: 20.454 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 92 Resp: 168841
Ion Ratio Lower Upper
92 100
91 170.6 139.2 208.8

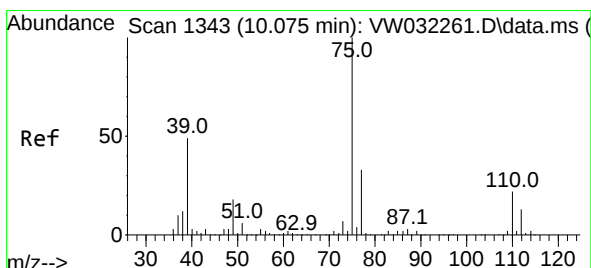
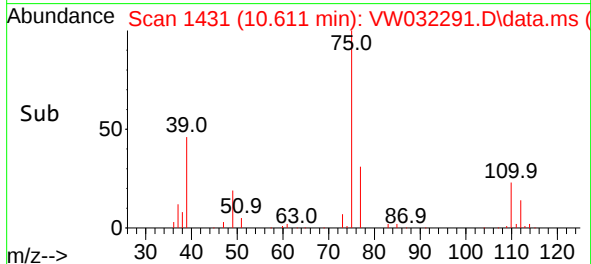
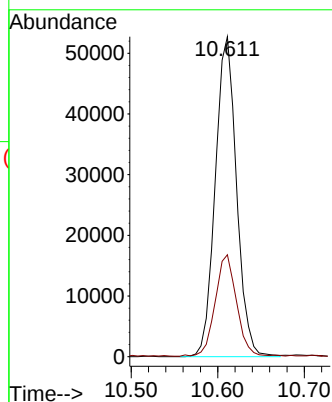
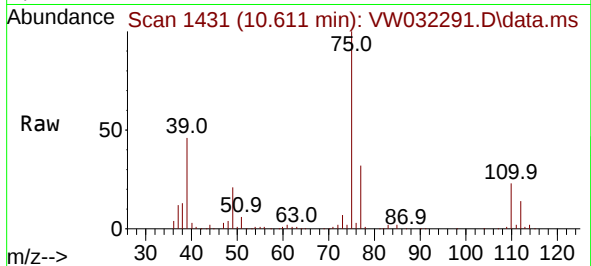




#53
 t-1,3-Dichloropropene
 Concen: 20.311 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

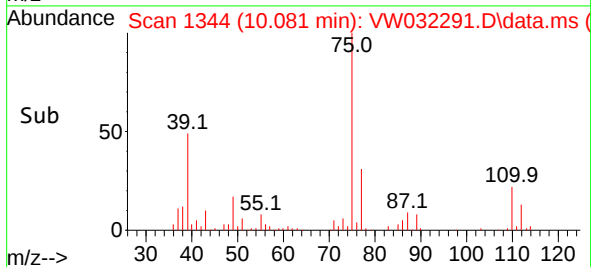
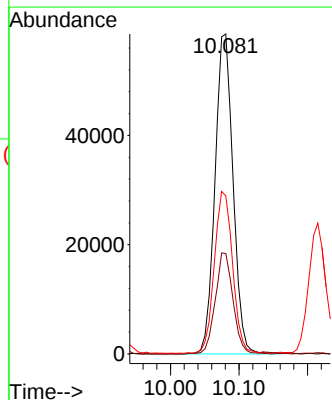
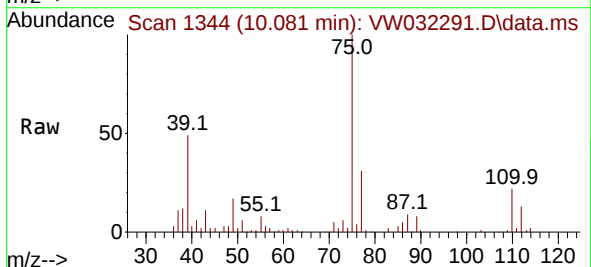
Instrument :
 MSVOA_W
 ClientSampleId :

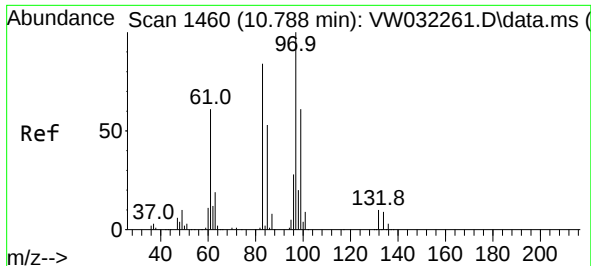
Tgt Ion: 75 Resp: 90013
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.945 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032291.D
 Acq: 29 Sep 2025 11:09

Tgt Ion: 75 Resp: 107162
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4
 39 49.2 39.0 58.6

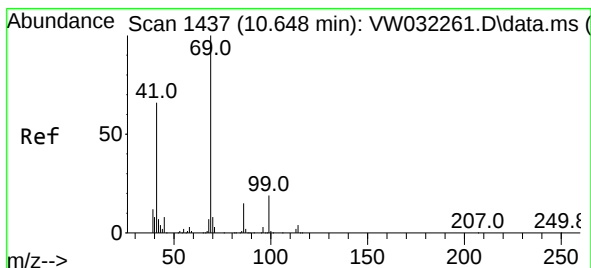
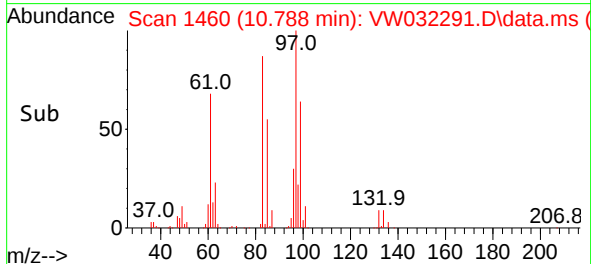
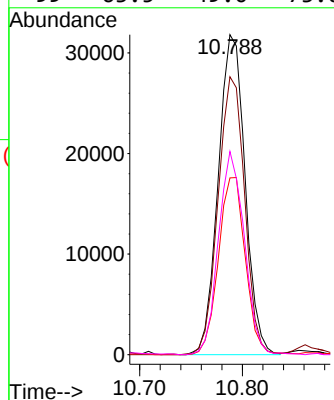
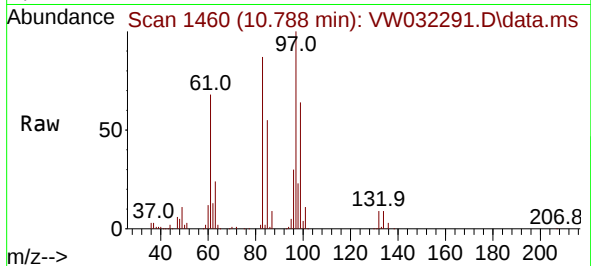




#55
1,1,2-Trichloroethane
Concen: 19.906 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

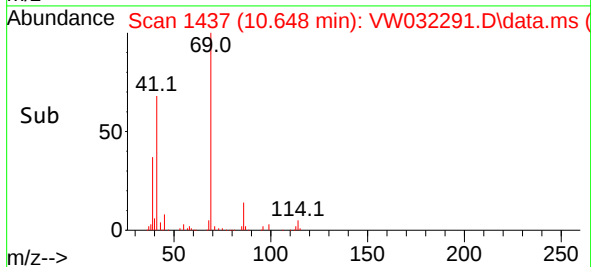
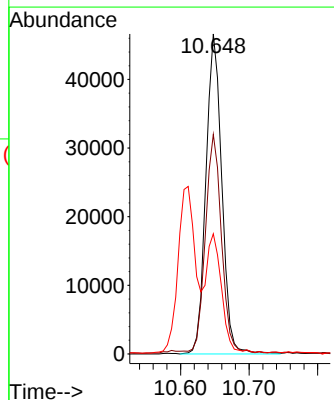
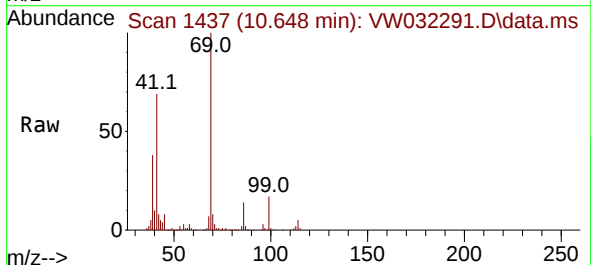
Instrument :
MSVOA_W
ClientSampleId :

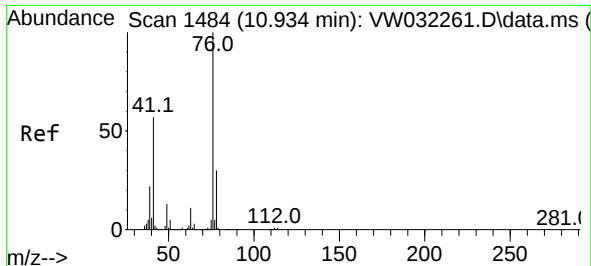
Tgt Ion:	97	Resp:	57625
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.2
85	55.3	42.0	63.0
99	63.5	49.0	73.6



#56
Ethyl methacrylate
Concen: 19.772 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion:	69	Resp:	75392
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.7	82.1
39	37.0	26.3	39.5





#57

1,3-Dichloropropane

Concen: 20.102 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

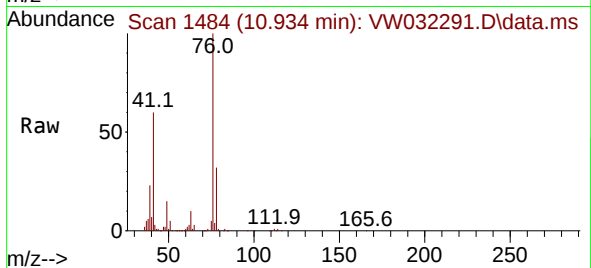
Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

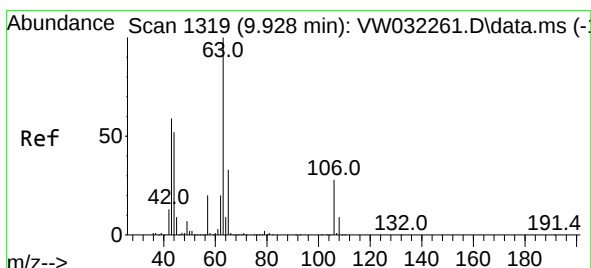
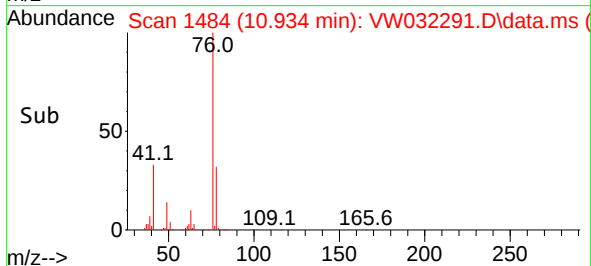
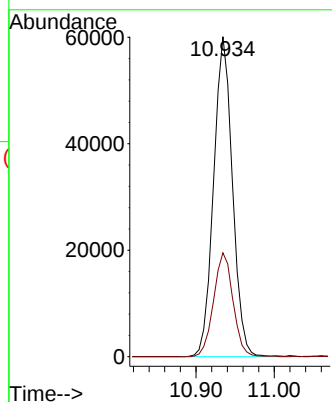


Tgt Ion: 76 Resp: 100526

Ion Ratio Lower Upper

76 100

78 33.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.026 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032291.D

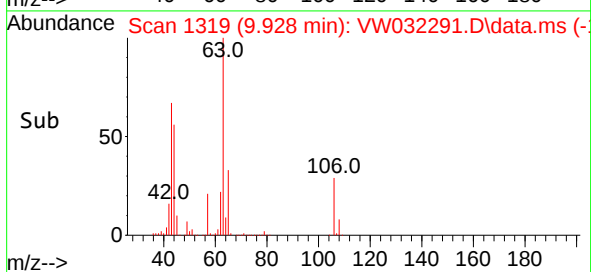
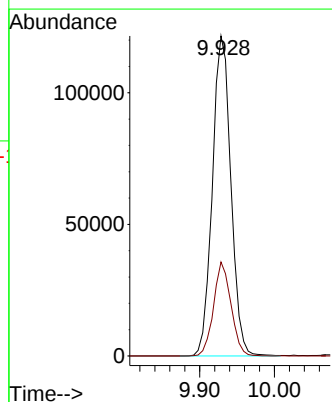
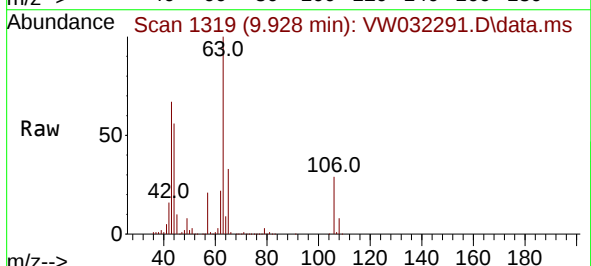
Acq: 29 Sep 2025 11:09

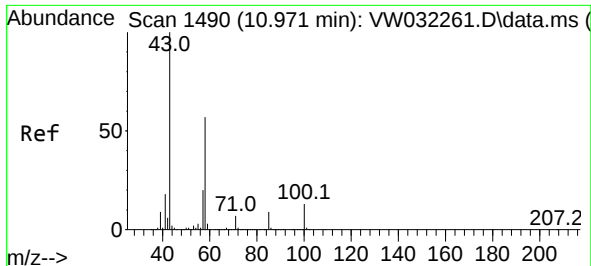
Tgt Ion: 63 Resp: 209371

Ion Ratio Lower Upper

63 100

106 27.6 22.5 33.7





#59

2-Hexanone

Concen: 100.964 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

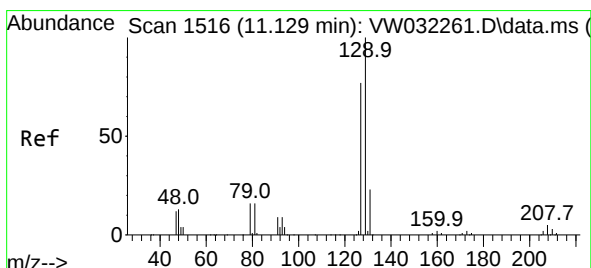
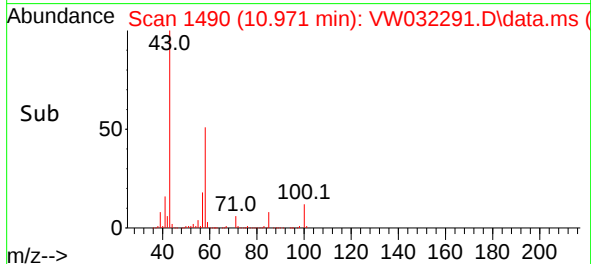
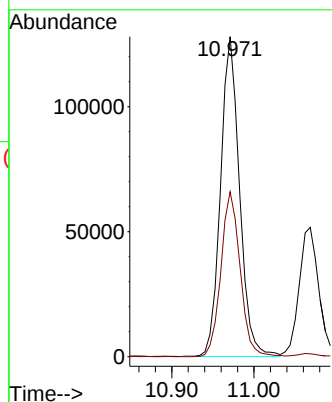
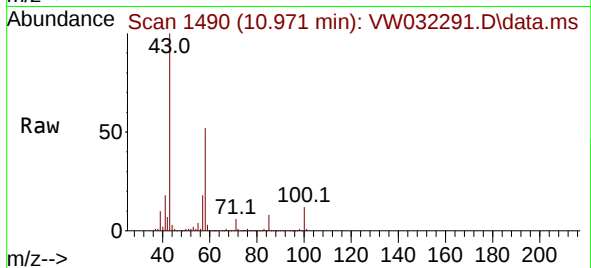
ClientSampleId :

Tgt Ion: 43 Resp: 205343

Ion Ratio Lower Upper

43 100

58 52.2 27.9 83.6



#60

Dibromochloromethane

Concen: 19.788 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW032291.D

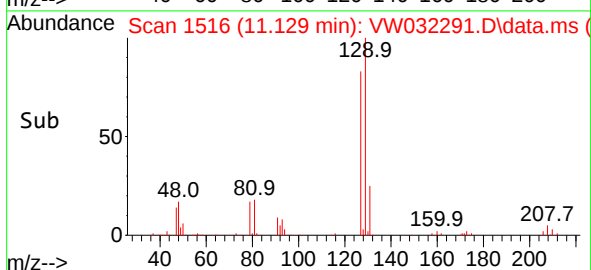
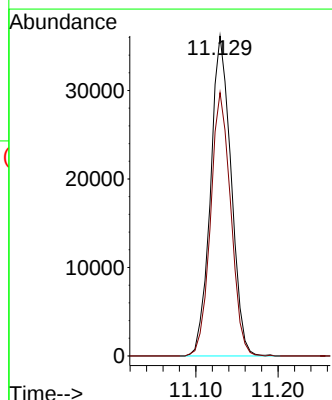
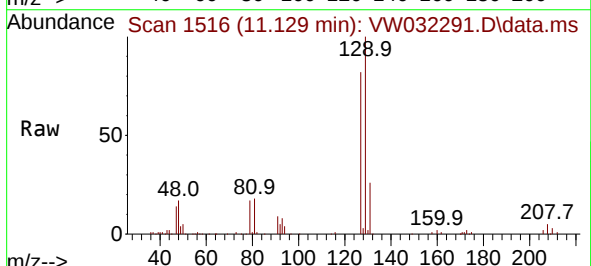
Acq: 29 Sep 2025 11:09

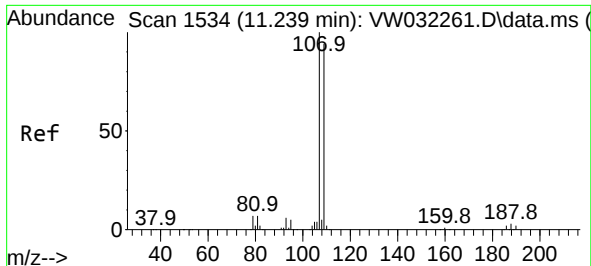
Tgt Ion:129 Resp: 62908

Ion Ratio Lower Upper

129 100

127 80.5 39.3 117.8

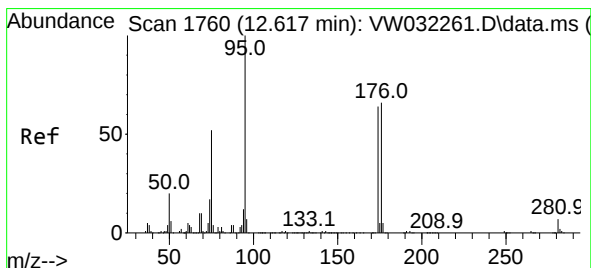
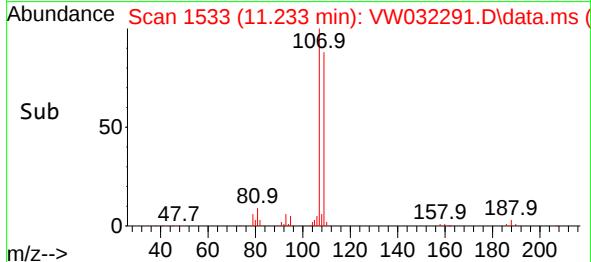
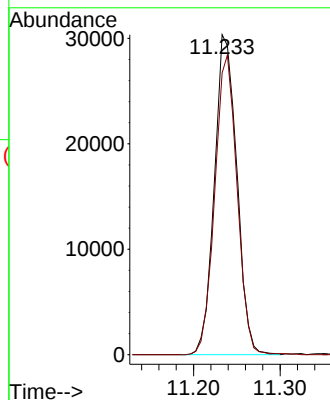
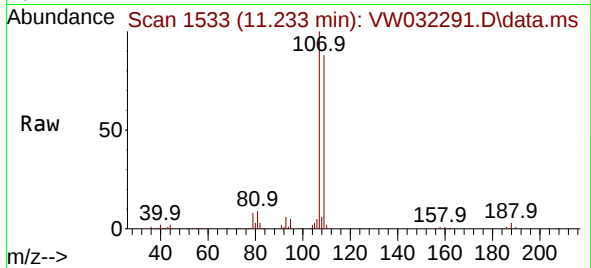




#61
1,2-Dibromoethane
Concen: 19.885 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

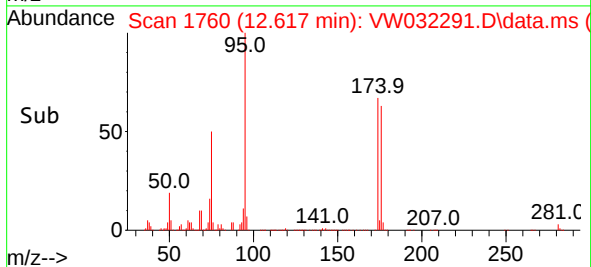
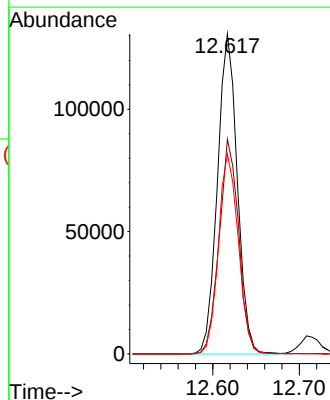
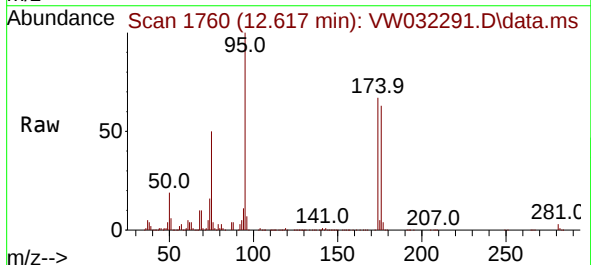
Instrument :
MSVOA_W
ClientSampleId :

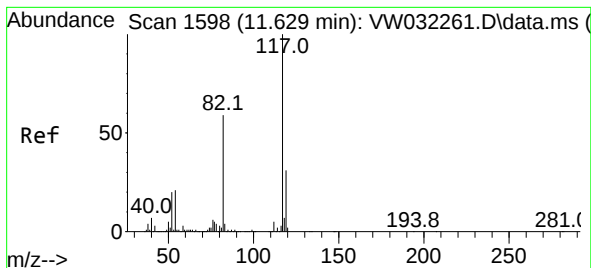
Tgt Ion:107 Resp: 54534
Ion Ratio Lower Upper
107 100
109 93.2 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 48.822 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 95 Resp: 208290
Ion Ratio Lower Upper
95 100
174 65.9 0.0 130.6
176 62.6 0.0 127.0

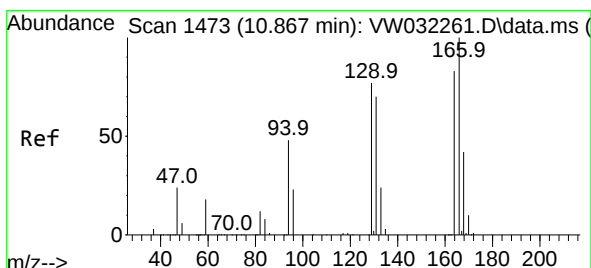
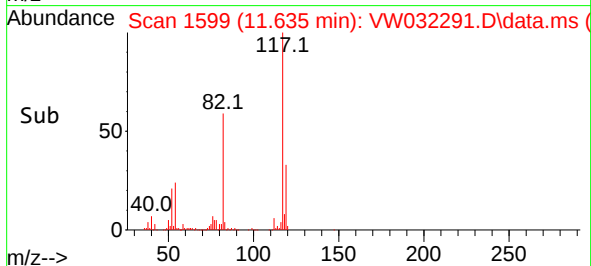
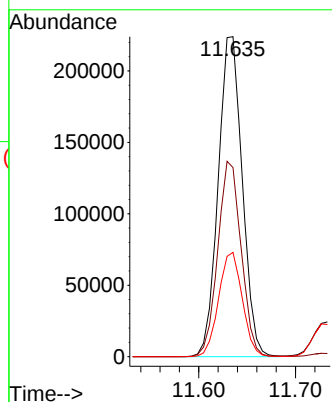
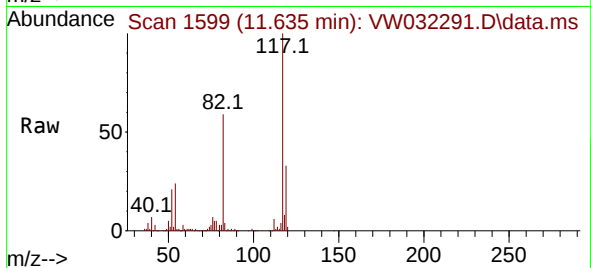




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

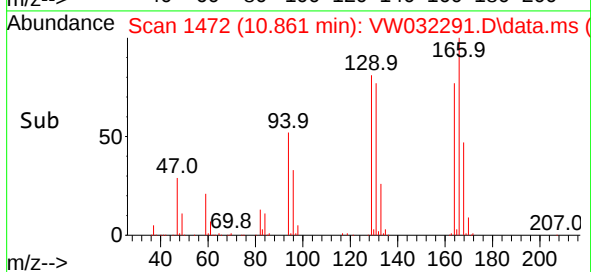
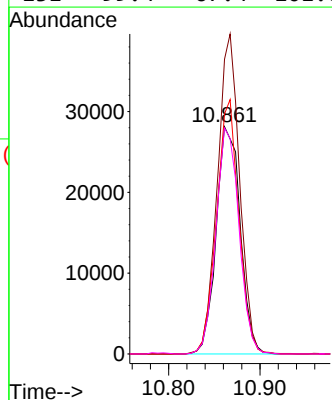
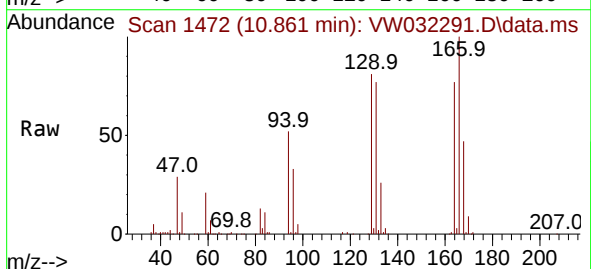
Instrument :
MSVOA_W
ClientSampleId :

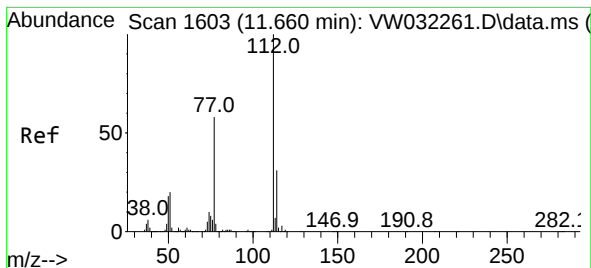
Tgt Ion:117 Resp: 387451
Ion Ratio Lower Upper
117 100
82 59.1 46.9 70.3
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 21.751 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion:164 Resp: 51357
Ion Ratio Lower Upper
164 100
166 129.7 96.9 145.3
129 105.6 75.0 112.4
131 99.4 67.4 101.0





#65

Chlorobenzene

Concen: 21.892 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

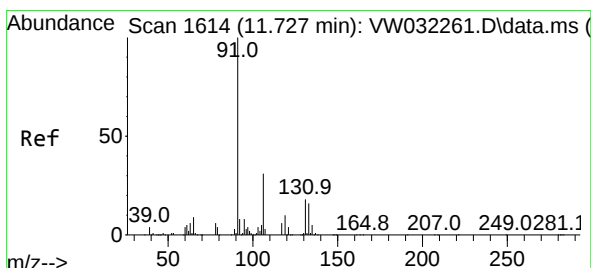
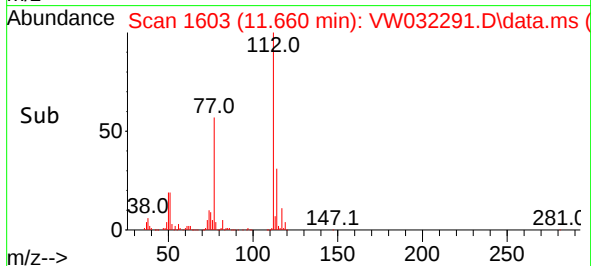
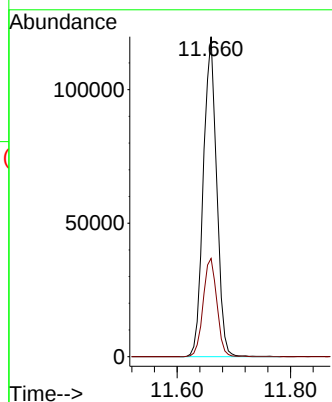
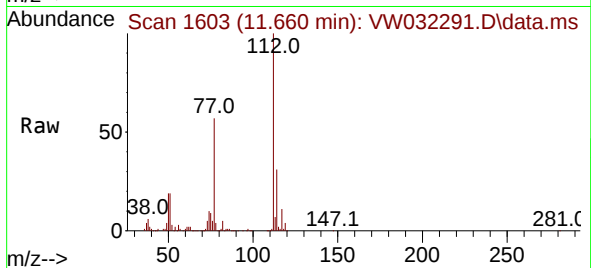
ClientSampleId :

Tgt Ion:112 Resp: 195381

Ion Ratio Lower Upper

112 100

114 30.7 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 22.110 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

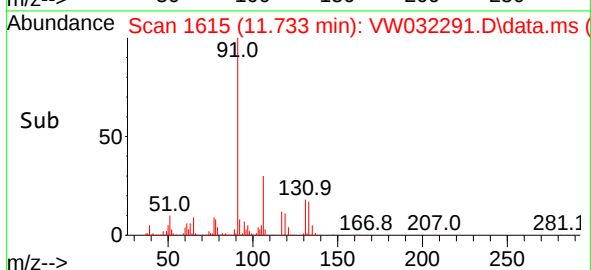
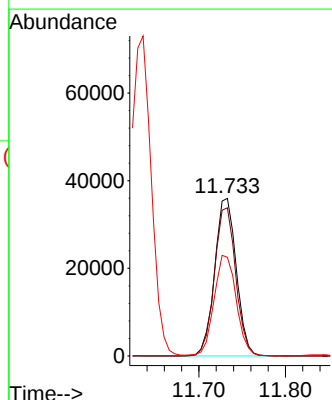
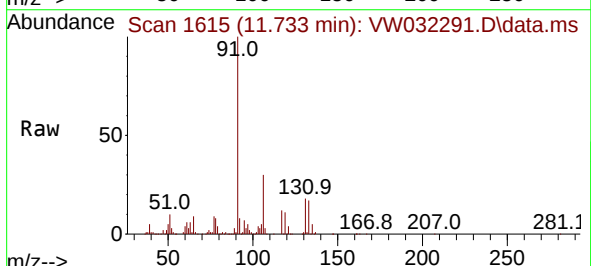
Tgt Ion:131 Resp: 62404

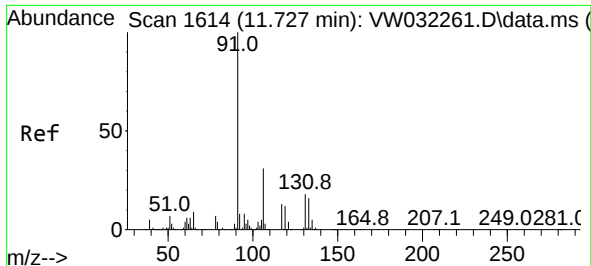
Ion Ratio Lower Upper

131 100

133 92.9 47.1 141.3

119 65.8 33.9 101.7





#67

Ethyl Benzene

Concen: 21.611 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

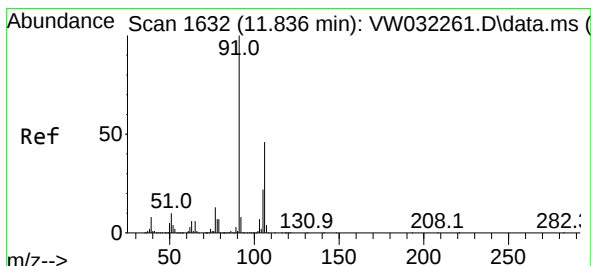
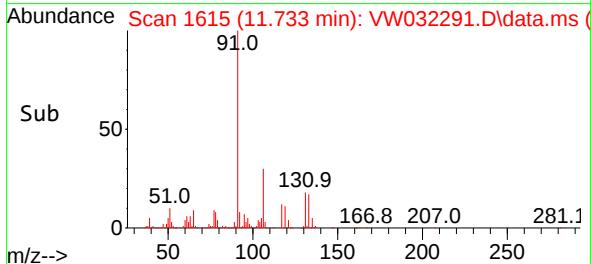
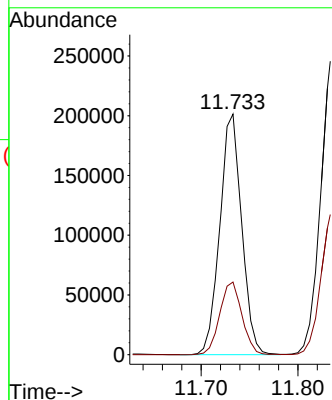
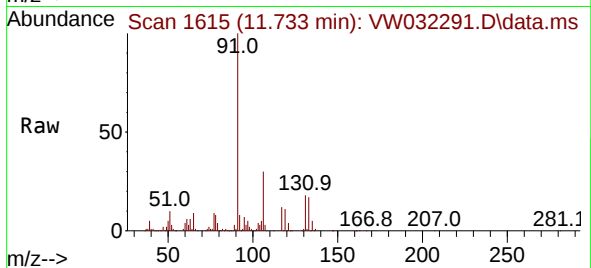
ClientSampleId :

Tgt Ion: 91 Resp: 315693

Ion Ratio Lower Upper

91 100

106 30.2 24.7 37.1



#68

m/p-Xylenes

Concen: 43.704 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032291.D

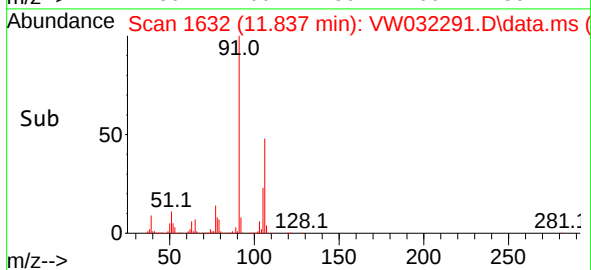
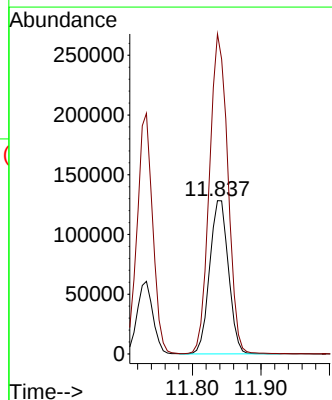
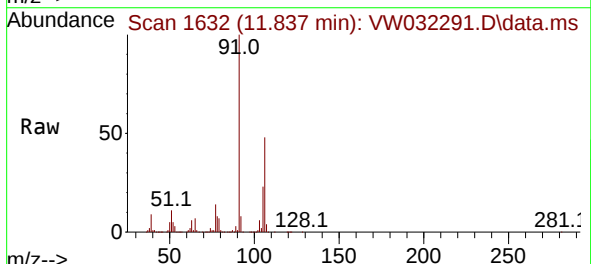
Acq: 29 Sep 2025 11:09

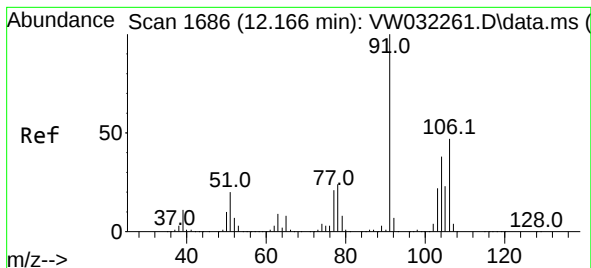
Tgt Ion:106 Resp: 244735

Ion Ratio Lower Upper

106 100

91 205.0 169.0 253.4

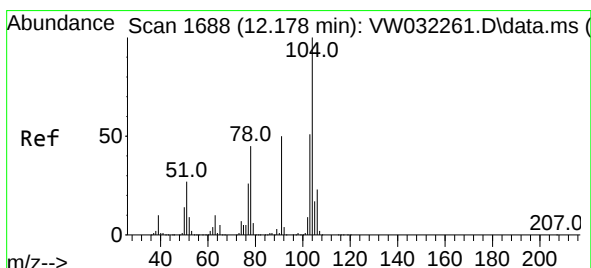
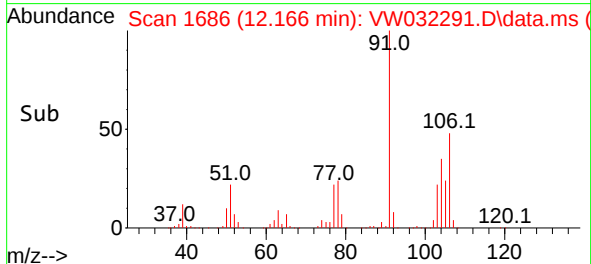
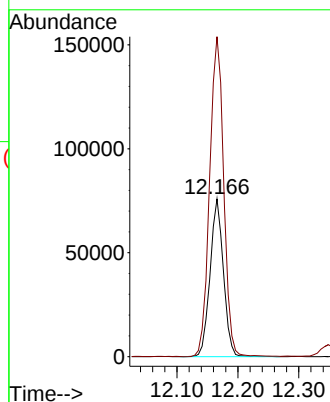
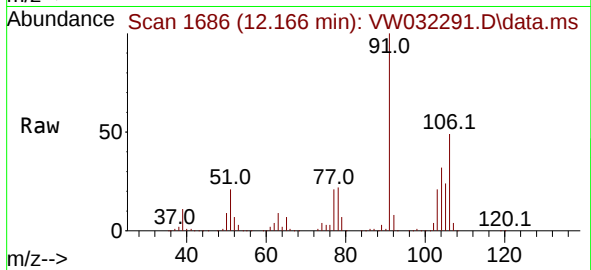




#69
o-Xylene
Concen: 21.921 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

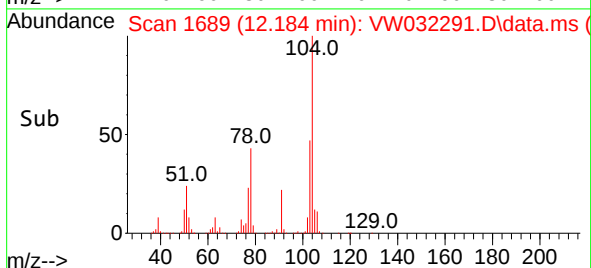
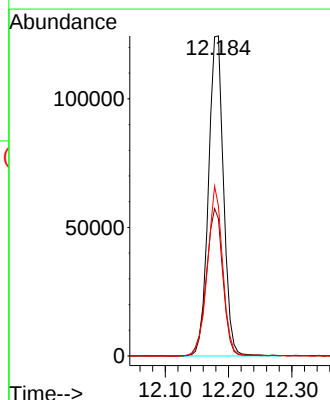
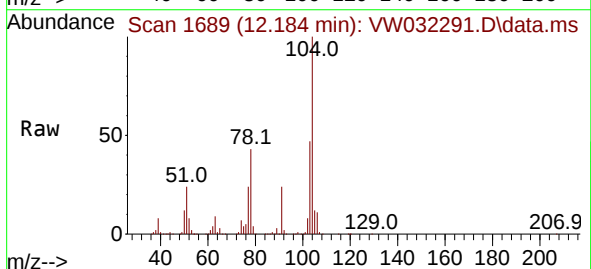
Instrument :
MSVOA_W
ClientSampleId :

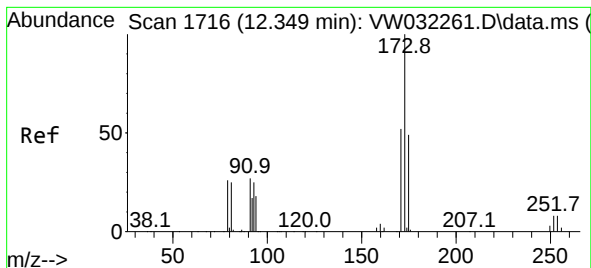
Tgt Ion:106 Resp: 115365
Ion Ratio Lower Upper
106 100
91 214.7 107.8 323.6



#70
Styrene
Concen: 22.399 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion:104 Resp: 206724
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 53.5 43.4 65.2





#71

Bromoform

Concen: 20.884 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032291.D

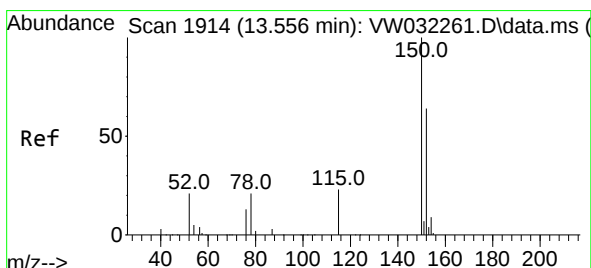
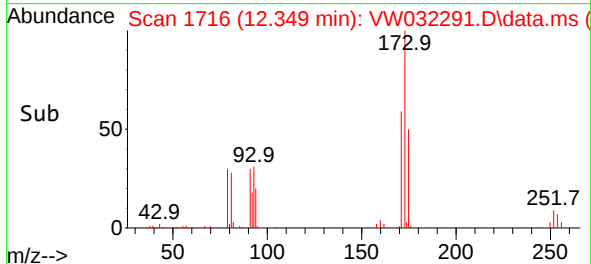
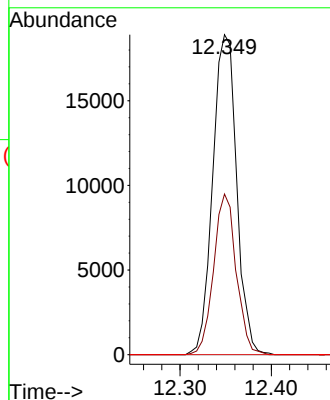
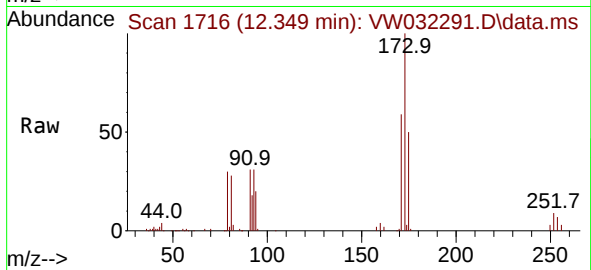
Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	34350
Ion Ratio	Lower	Upper
173	100	
175	47.5	23.1 69.2
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

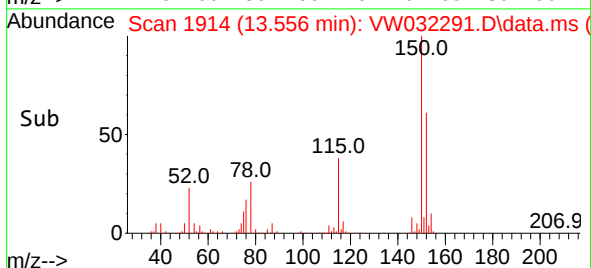
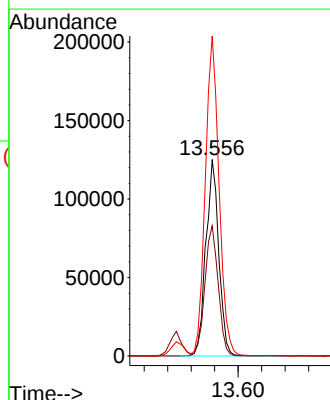
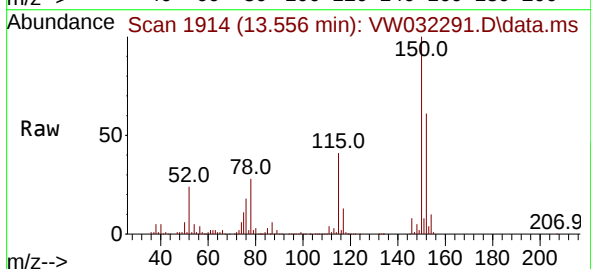
RT: 13.556 min Scan# 1914

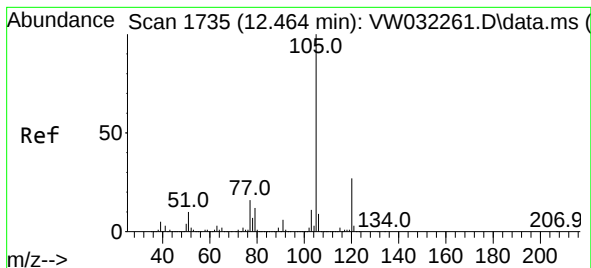
Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Tgt Ion:152	Resp:	191625
Ion Ratio	Lower	Upper
152	100	
115	68.1	32.5 97.5
150	172.7	0.0 370.2

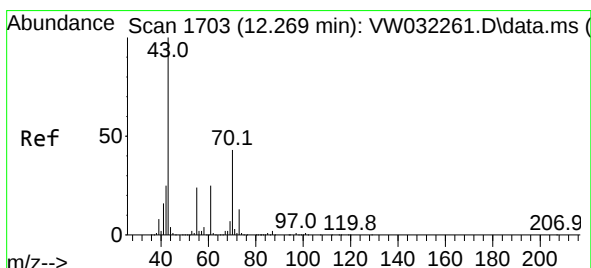
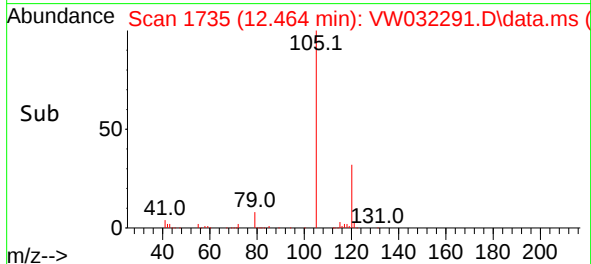
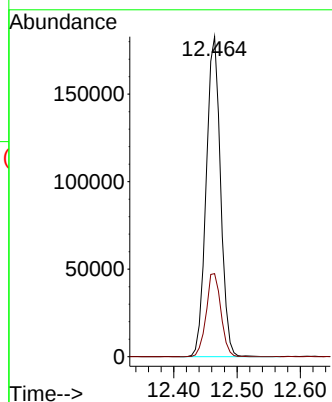
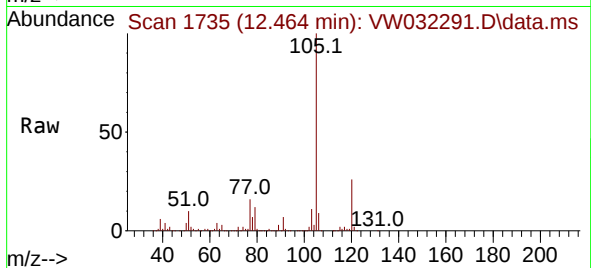




#73
Isopropylbenzene
Concen: 21.628 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

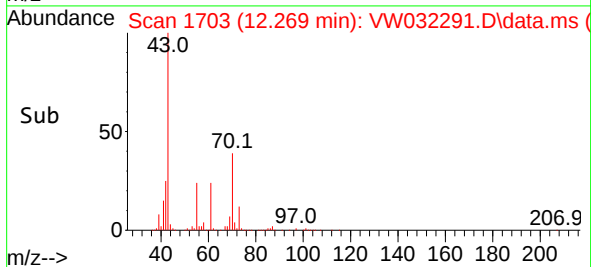
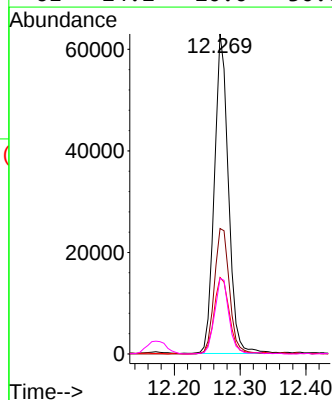
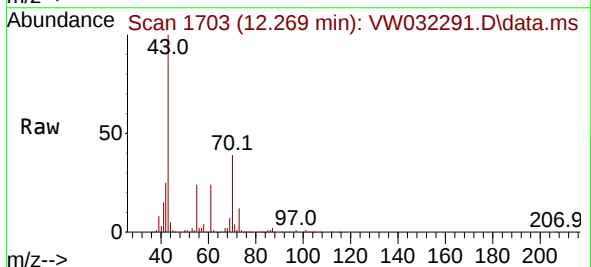
Instrument :
MSVOA_W
ClientSampleId :

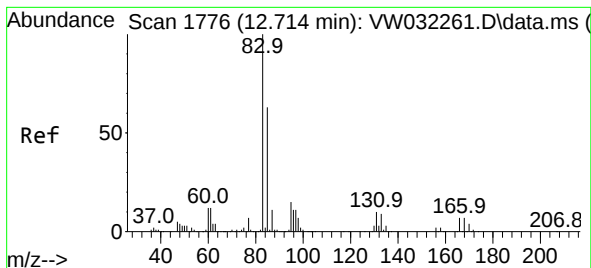
Tgt Ion:105 Resp: 288468
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 22.379 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 43 Resp: 93996
Ion Ratio Lower Upper
43 100
70 42.2 35.0 52.4
55 26.0 20.6 31.0
61 24.2 20.0 30.0





#75

1,1,2-Tetrachloroethane

Concen: 21.237 ug/l

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032291.D

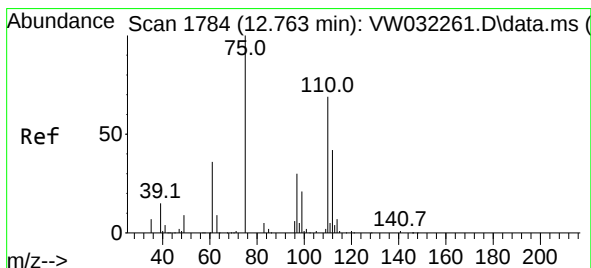
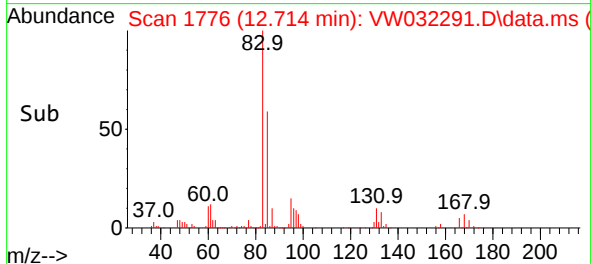
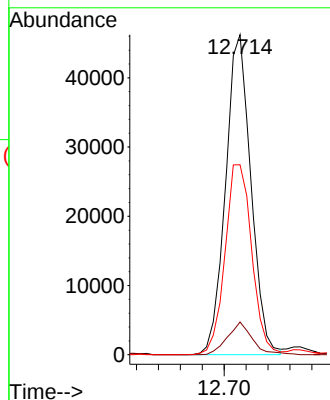
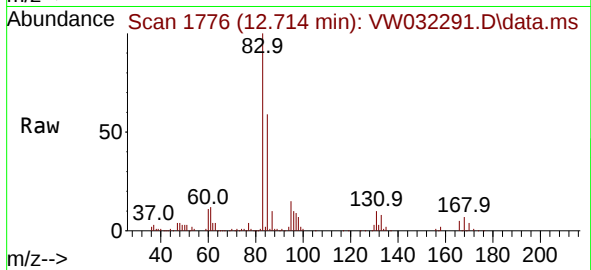
Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	74264
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	62.5	31.9	95.7



#76

1,2,3-Trichloropropane

Concen: 34.030 ug/l

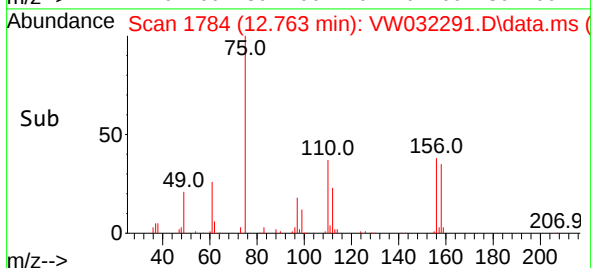
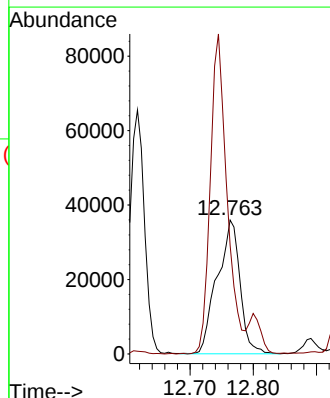
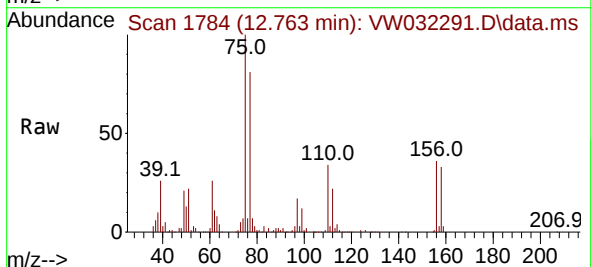
RT: 12.763 min Scan# 1784

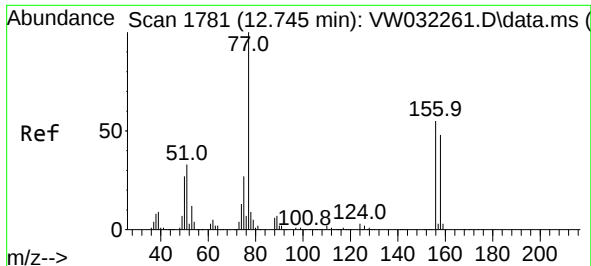
Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Tgt Ion:	75	Resp:	89713
Ion	Ratio	Lower	Upper
75	100		
77	177.1	140.9	422.7

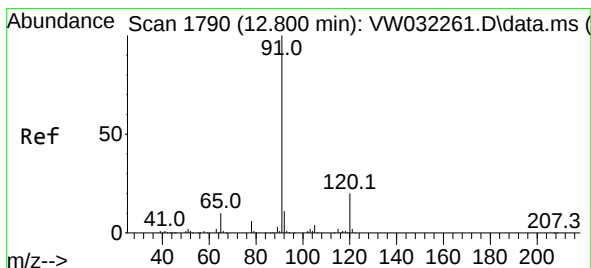
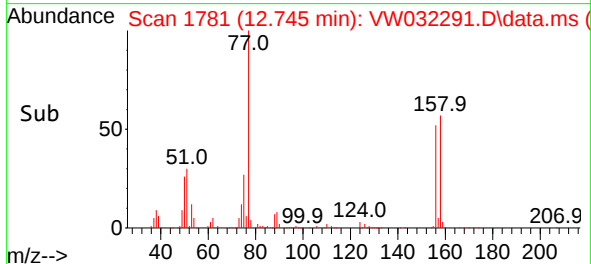
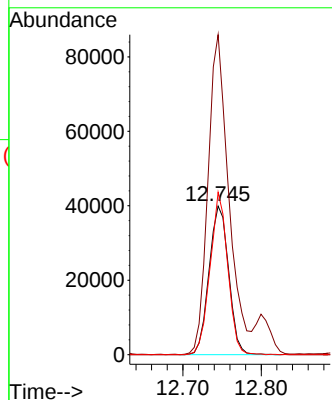
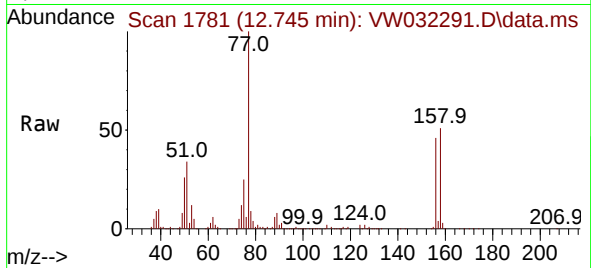




#77
Bromobenzene
Concen: 21.136 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

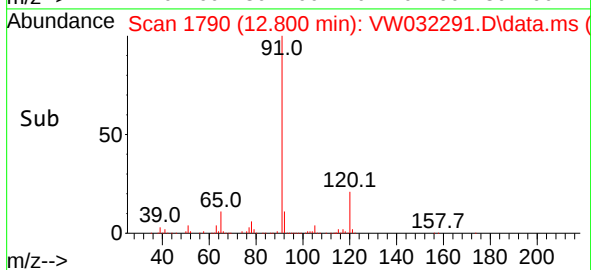
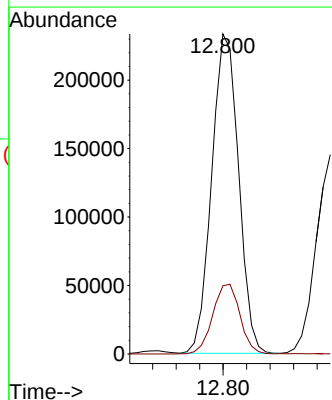
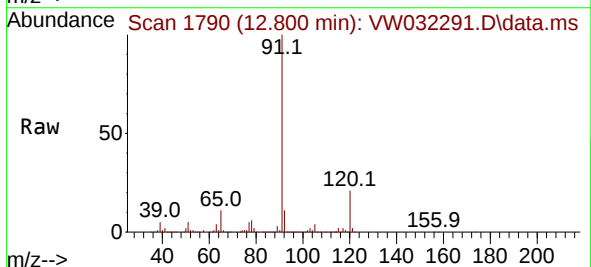
Instrument :
MSVOA_W
ClientSampleId :

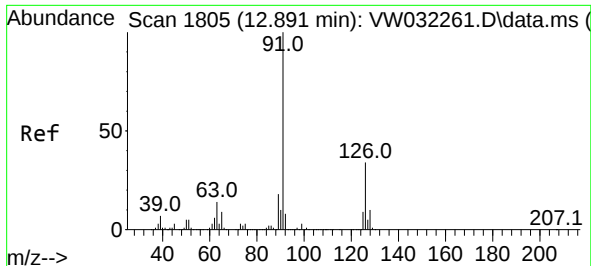
Tgt Ion:156 Resp: 69335
Ion Ratio Lower Upper
156 100
77 229.1 103.3 309.8
158 98.5 45.4 136.2



#78
n-propylbenzene
Concen: 22.152 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 91 Resp: 371108
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9

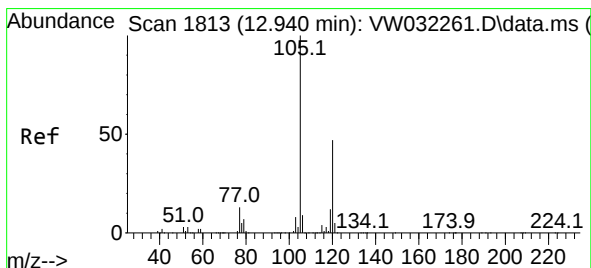
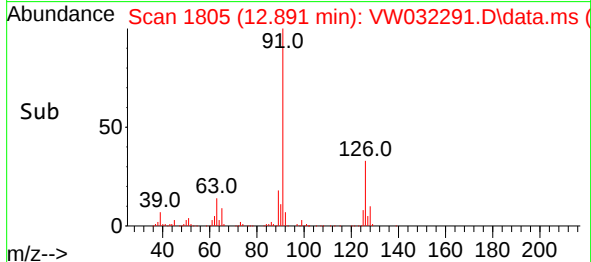
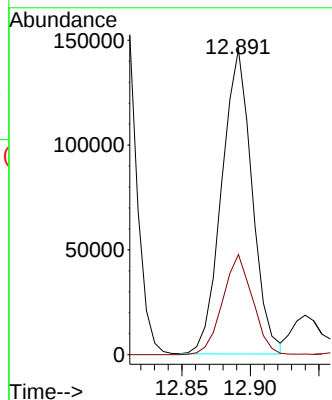
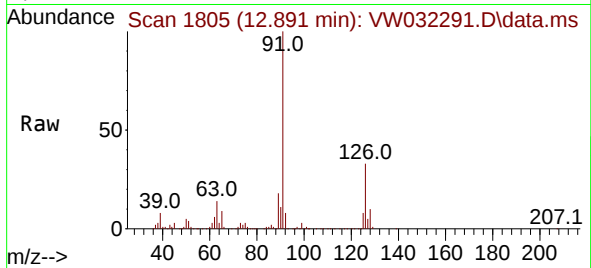




#79
2-Chlorotoluene
Concen: 22.057 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

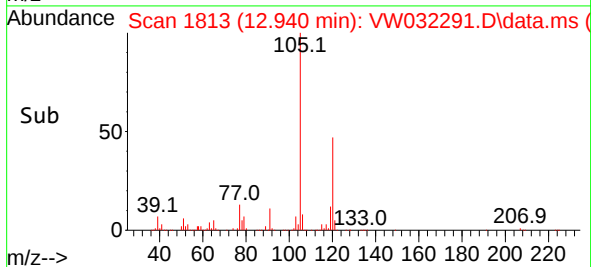
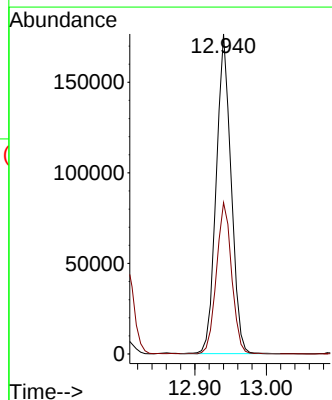
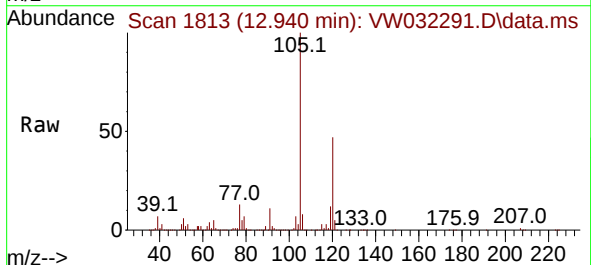
Instrument :
MSVOA_W
ClientSampleId :

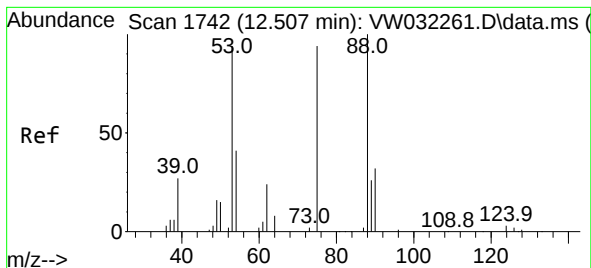
Tgt Ion: 91 Resp: 223844
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 22.338 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion: 105 Resp: 254716
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.167 ug/l

RT: 12.507 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VW032291.D

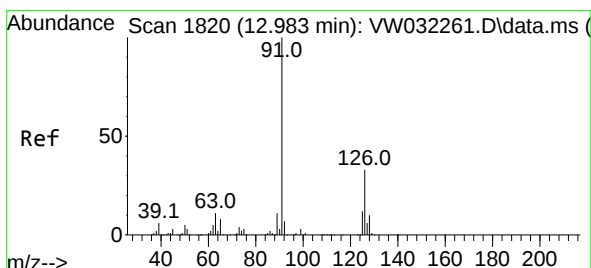
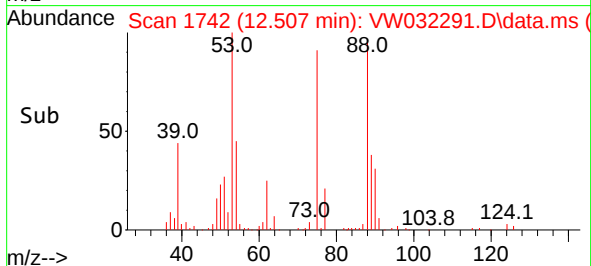
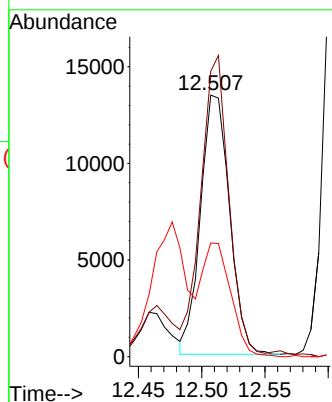
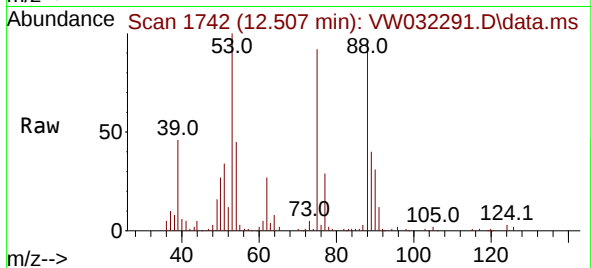
Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	75	Resp:	21484
Ion	Ratio	Lower	Upper
75	100		
53	109.9	81.4	122.2
89	42.5	35.4	53.2



#82

4-Chlorotoluene

Concen: 22.558 ug/l

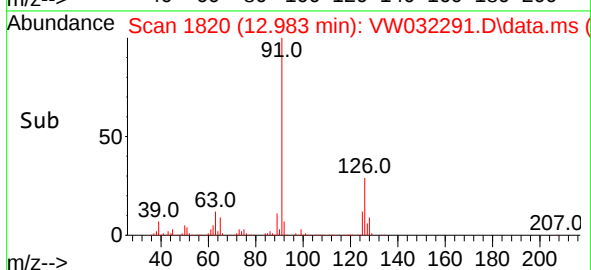
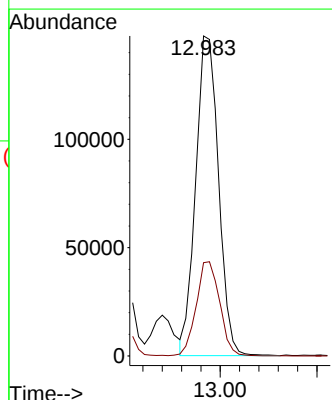
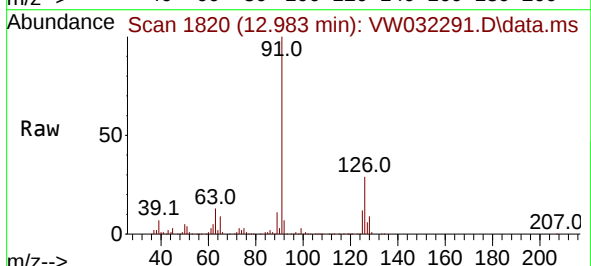
RT: 12.983 min Scan# 1820

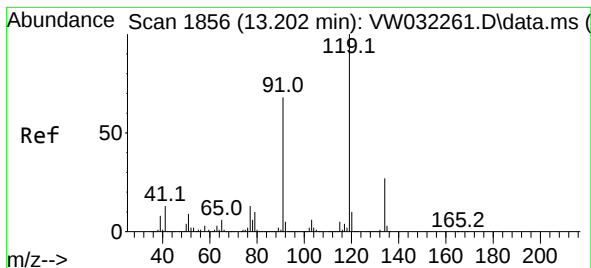
Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Tgt Ion:	91	Resp:	241948
Ion	Ratio	Lower	Upper
91	100		
126	30.4	16.5	49.5

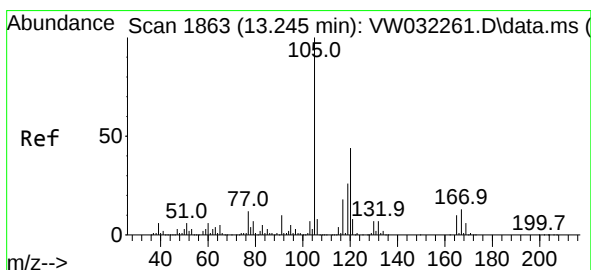
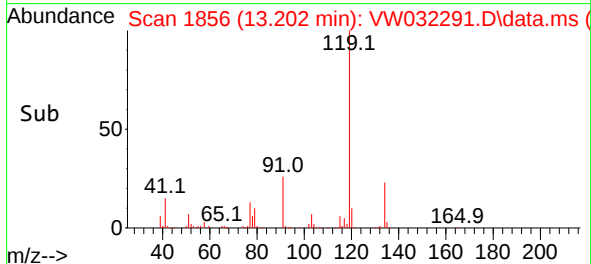
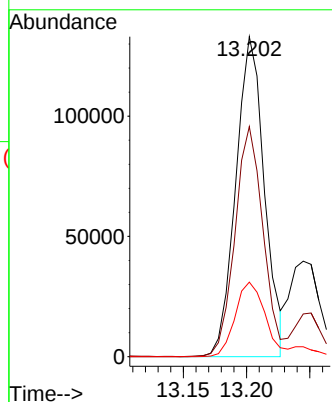
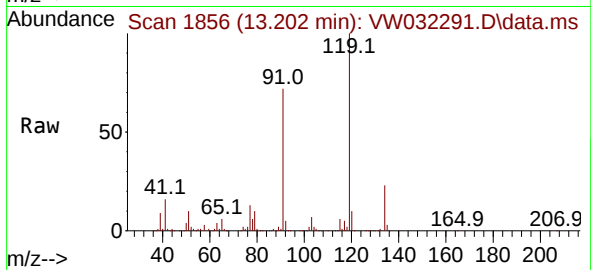




#83
tert-Butylbenzene
Concen: 21.993 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

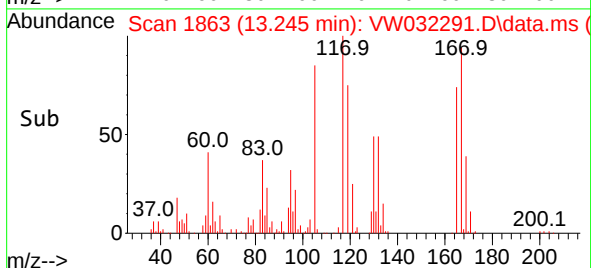
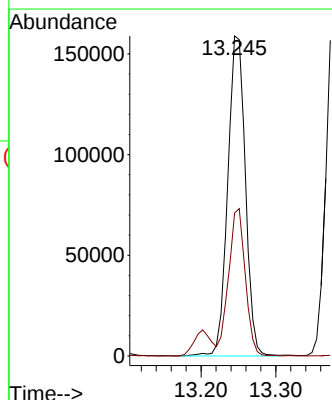
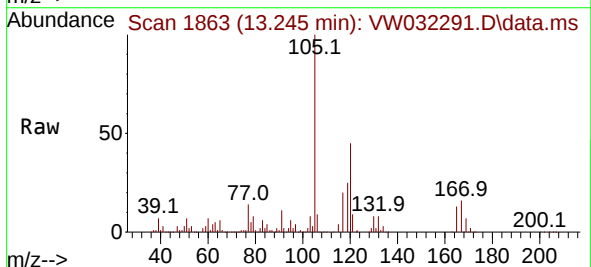
Instrument :
MSVOA_W
ClientSampleId :

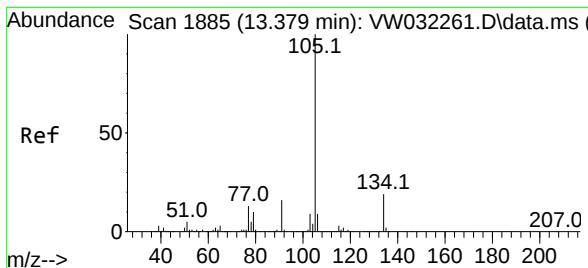
Tgt Ion:119 Resp: 209737
Ion Ratio Lower Upper
119 100
91 71.6 35.5 106.5
134 24.5 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 22.535 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032291.D
Acq: 29 Sep 2025 11:09

Tgt Ion:105 Resp: 260904
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.935 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

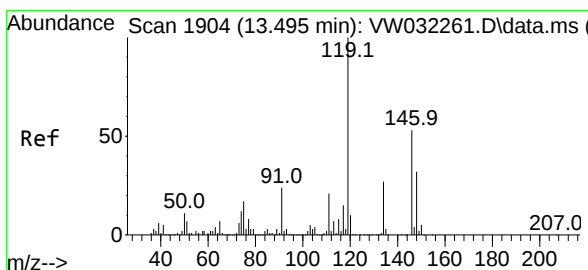
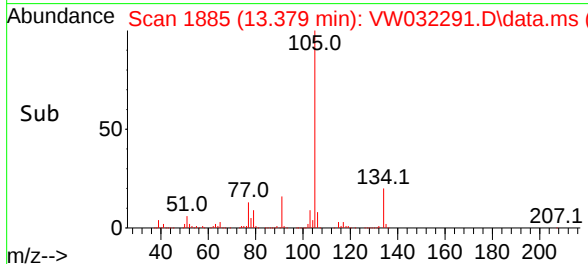
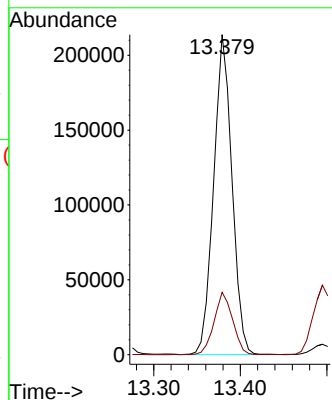
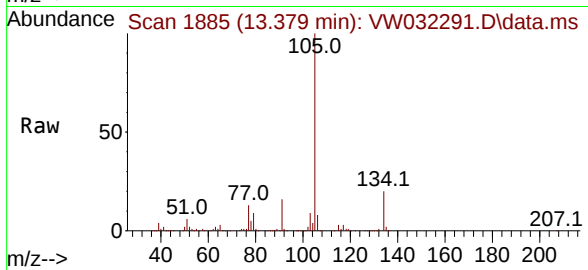
ClientSampleId :

Tgt Ion:105 Resp: 314117

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 21.877 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

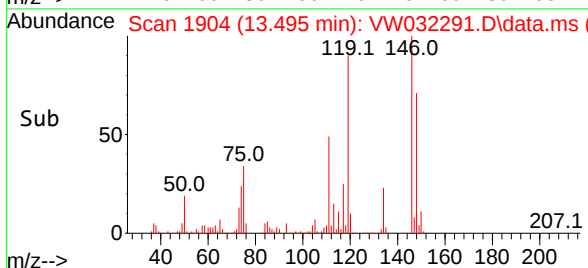
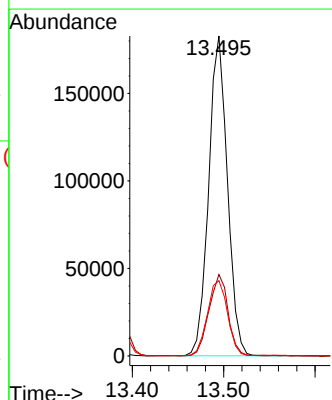
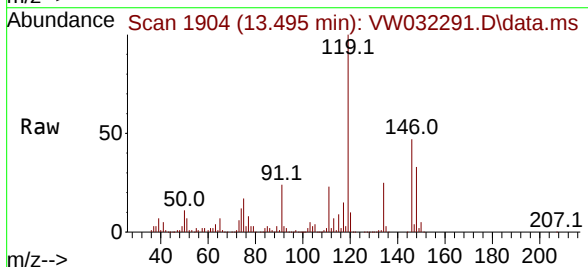
Tgt Ion:119 Resp: 259467

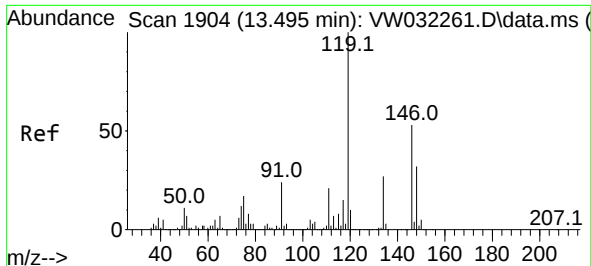
Ion Ratio Lower Upper

119 100

134 25.9 12.5 37.5

91 25.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 22.193 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

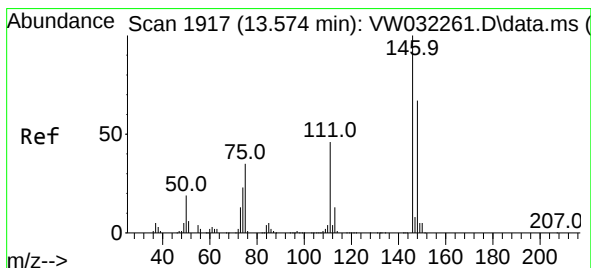
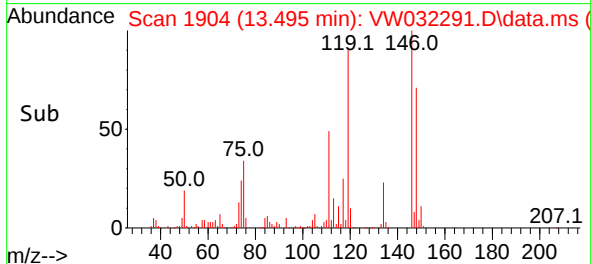
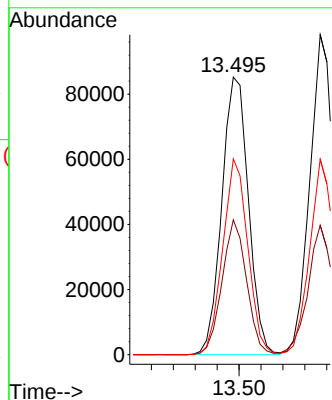
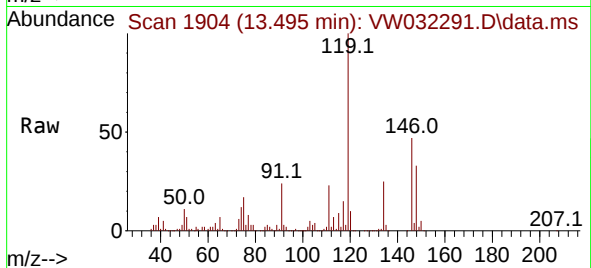
Tgt Ion:146 Resp: 144010

Ion Ratio Lower Upper

146 100

111 44.7 21.9 65.5

148 66.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.803 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

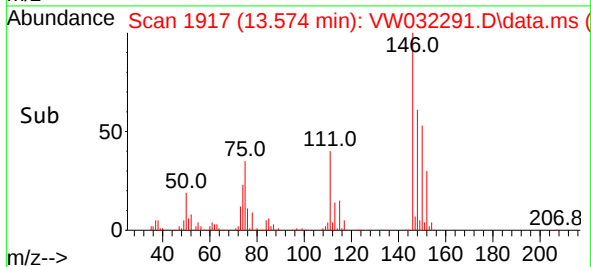
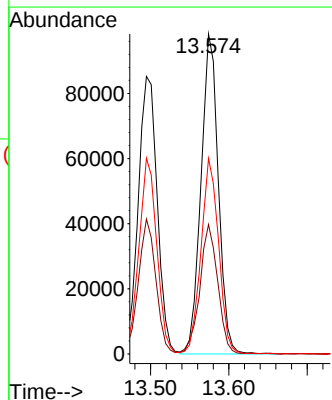
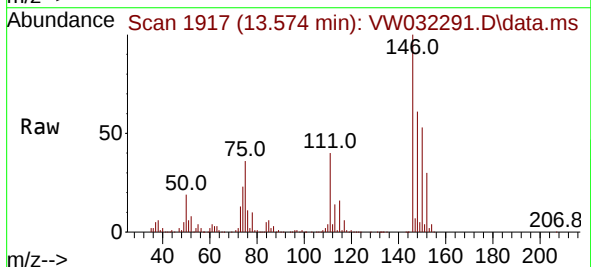
Tgt Ion:146 Resp: 151158

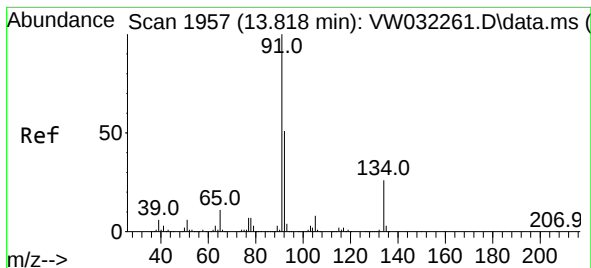
Ion Ratio Lower Upper

146 100

111 41.7 22.4 67.2

148 62.1 34.4 103.1





#89

n-Butylbenzene

Concen: 21.814 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

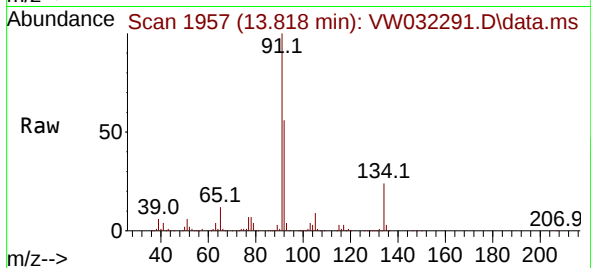
Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

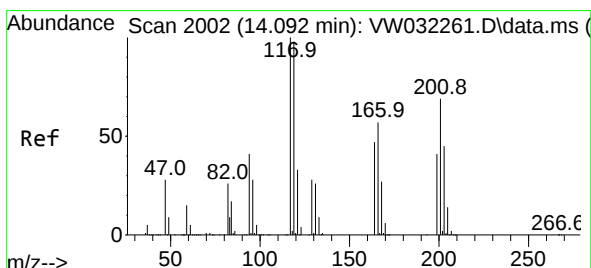
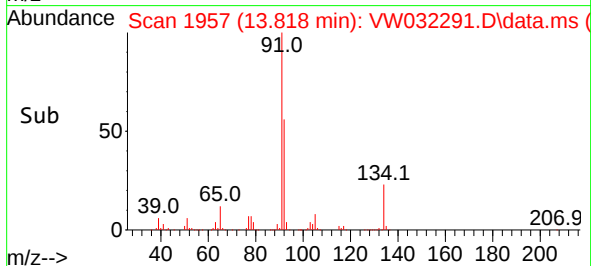
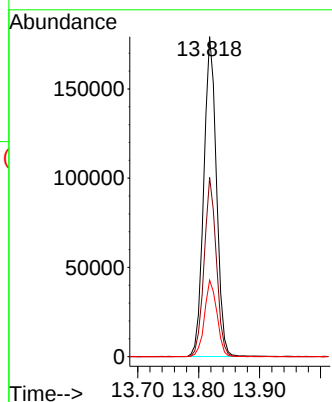
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	91	Resp:	259636
Ion Ratio	Lower	Upper	
91	100		
92	54.0	26.7	80.1
134	23.5	12.3	36.8



#90

Hexachloroethane

Concen: 22.434 ug/l

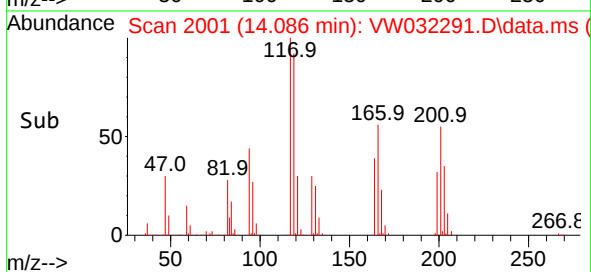
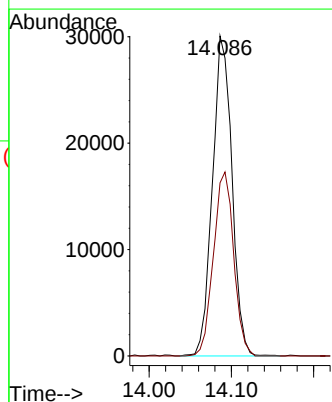
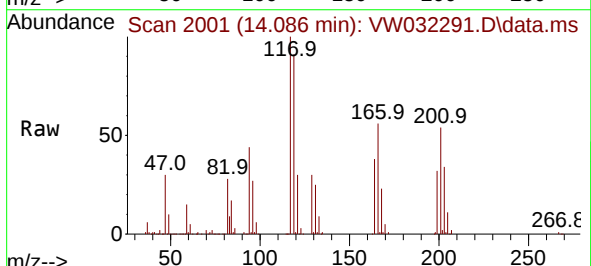
RT: 14.086 min Scan# 2001

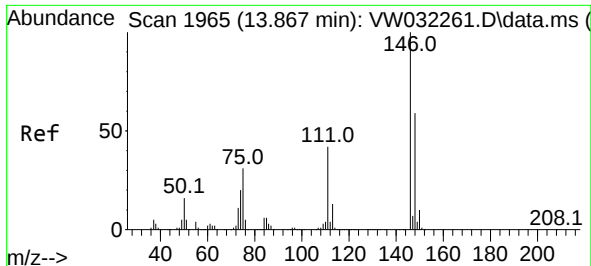
Delta R.T. -0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Tgt Ion:	117	Resp:	49590
Ion Ratio	Lower	Upper	
117	100		
201	59.7	31.4	94.0





#91

1,2-Dichlorobenzene

Concen: 22.169 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

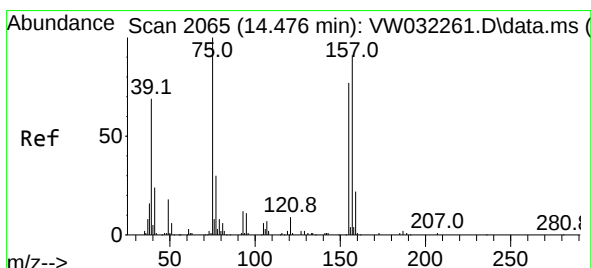
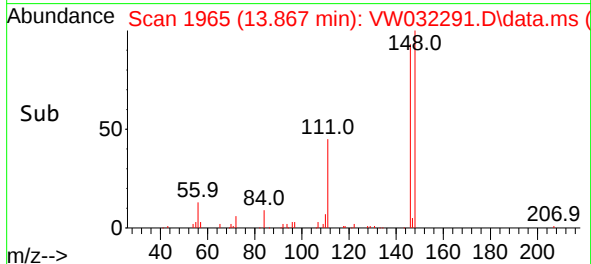
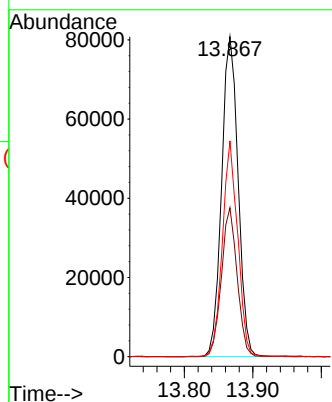
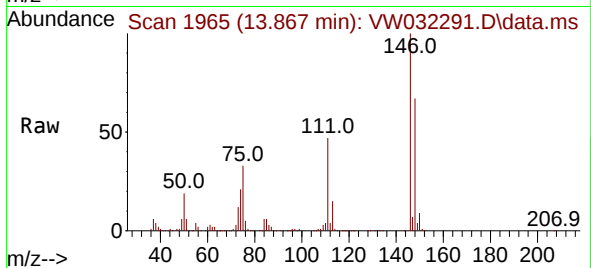
Tgt Ion:146 Resp: 134572

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.8

148 62.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.158 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

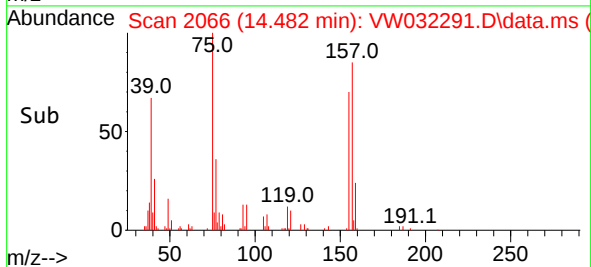
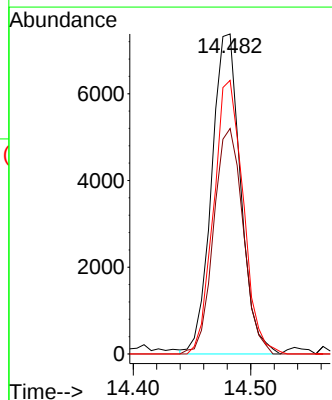
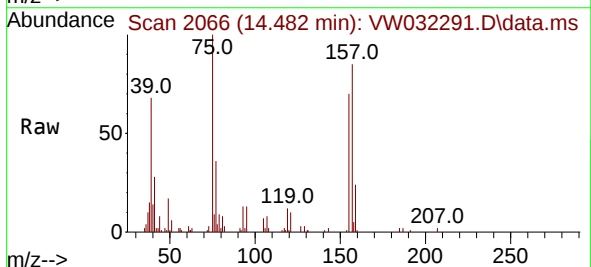
Tgt Ion: 75 Resp: 12655

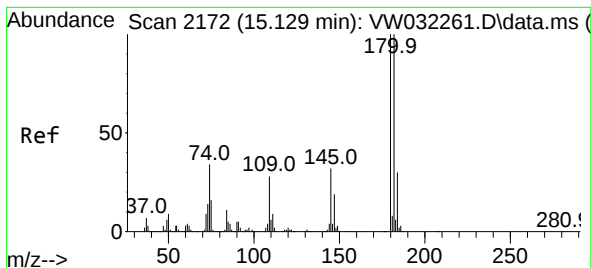
Ion Ratio Lower Upper

75 100

155 71.6 38.2 114.6

157 86.9 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 20.671 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

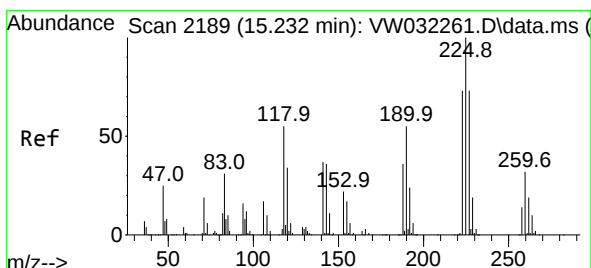
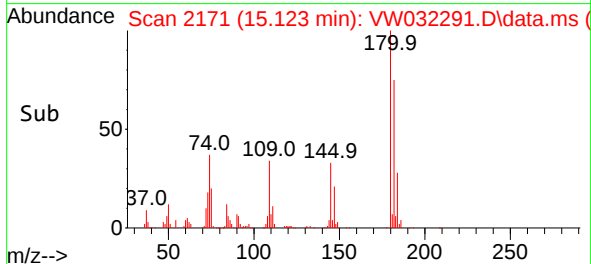
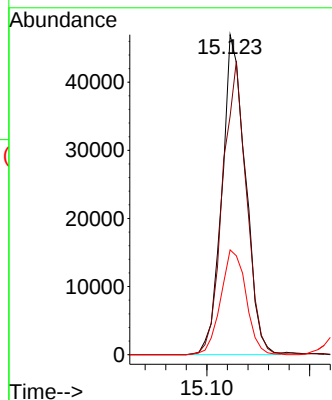
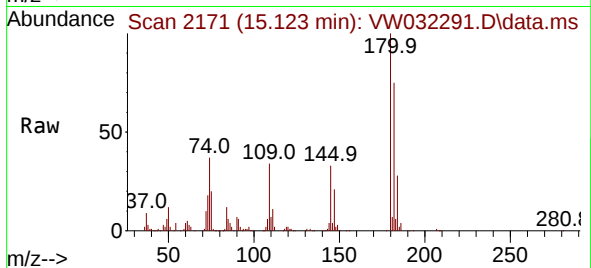
Tgt Ion:180 Resp: 74440

Ion Ratio Lower Upper

180 100

182 93.7 48.4 145.3

145 35.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 22.078 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

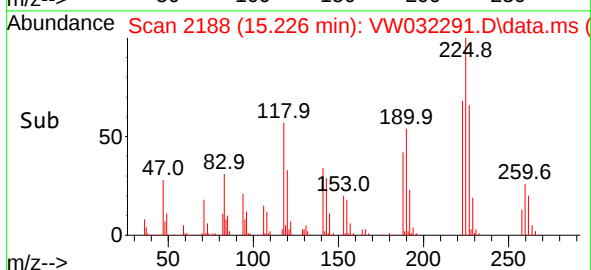
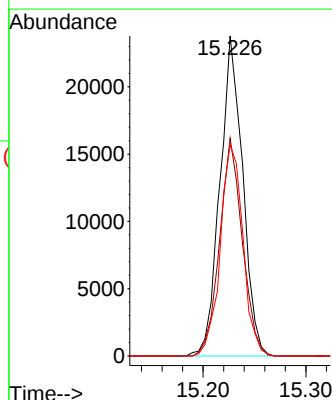
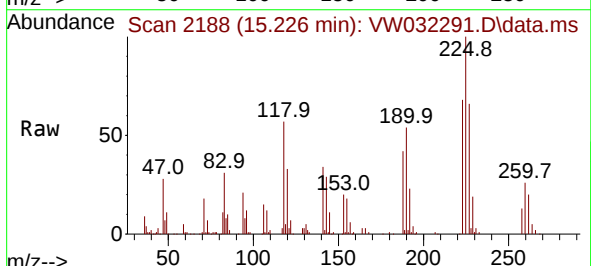
Tgt Ion:225 Resp: 36514

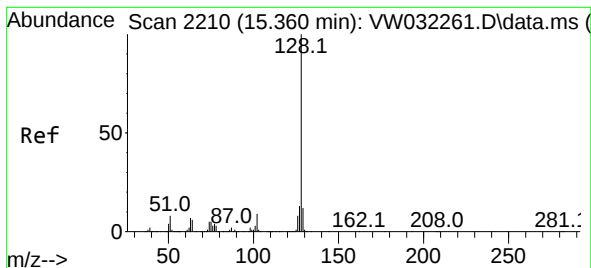
Ion Ratio Lower Upper

225 100

223 67.8 36.4 109.2

227 65.7 36.4 109.2





#95

Naphthalene

Concen: 20.958 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Instrument :

MSVOA_W

ClientSampleId :

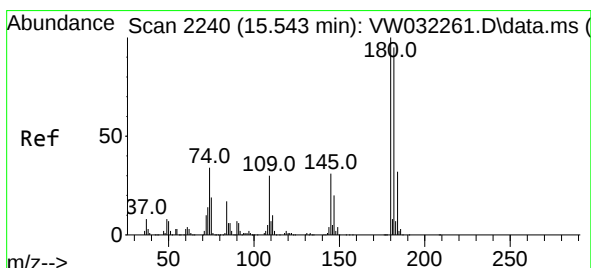
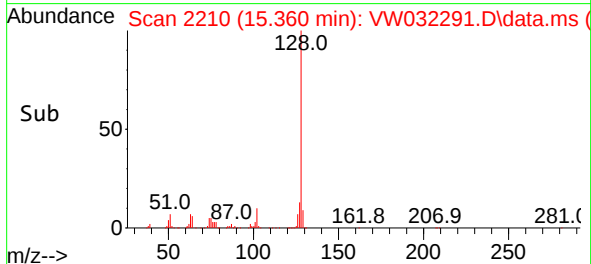
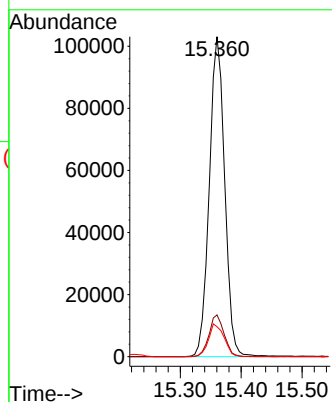
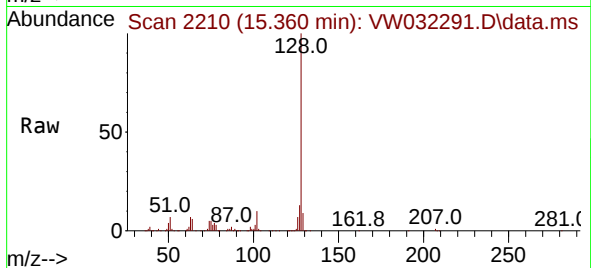
Tgt Ion:128 Resp: 181145

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.4 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 21.004 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032291.D

Acq: 29 Sep 2025 11:09

Tgt Ion:180 Resp: 70332

Ion Ratio Lower Upper

180 100

182 94.8 45.5 136.4

145 38.5 18.1 54.1

