

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032261.D
 Acq On : 25 Sep 2025 12:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 06:49:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	263419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	461173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	443387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	213560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	186598	44.863	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	89.720%
35) Dibromofluoromethane	7.904	113	159800	48.182	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.360%
50) Toluene-d8	10.325	98	577472	48.312	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.617	95	222382	49.323	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.039	85	77732	42.711	ug/l	100
3) Chloromethane	2.253	50	111388	42.767	ug/l	100
4) Vinyl Chloride	2.405	62	141381	46.459	ug/l	100
5) Bromomethane	2.820	94	96600	46.487	ug/l	100
6) Chloroethane	2.966	64	94674	45.912	ug/l	100
7) Trichlorofluoromethane	3.301	101	100937	44.021	ug/l	100
8) Diethyl Ether	3.716	74	96887	44.687	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138524	47.331	ug/l	100
10) Methyl Iodide	4.301	142	187435	47.349	ug/l	100
11) Tert butyl alcohol	5.216	59	60028	207.913	ug/l	100
12) 1,1-Dichloroethene	4.076	96	145223	46.418	ug/l	100
13) Acrolein	3.929	56	118954	231.485	ug/l	100
14) Allyl chloride	4.698	41	231447	47.669	ug/l	100
15) Acrylonitrile	5.399	53	248561	222.601	ug/l	100
16) Acetone	4.161	43	215356	201.612	ug/l	100
17) Carbon Disulfide	4.417	76	331845	46.133	ug/l	100
18) Methyl Acetate	4.710	43	194479	52.938	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	282181	48.658	ug/l	100
20) Methylene Chloride	4.954	84	196832	51.165	ug/l	100
21) trans-1,2-Dichloroethene	5.453	96	159500	47.279	ug/l	100
22) Diisopropyl ether	6.337	45	527651	48.907	ug/l	100
23) Vinyl Acetate	6.283	43	1601259	230.704	ug/l	100
24) 1,1-Dichloroethane	6.246	63	324470	47.641	ug/l	100
25) 2-Butanone	7.191	43	332100	223.055	ug/l	100
26) 2,2-Dichloropropane	7.185	77	157515	46.933	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	200886	47.877	ug/l	100
28) Bromochloromethane	7.526	49	155192	47.753	ug/l #	100
29) Tetrahydrofuran	7.551	42	218311	225.860	ug/l	100
30) Chloroform	7.691	83	338865	47.686	ug/l	100
31) Cyclohexane	7.971	56	240167	44.720	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	230079	48.061	ug/l	100
36) 1,1-Dichloropropene	8.093	75	222842	49.836	ug/l	100
37) Ethyl Acetate	7.276	43	138317	46.641	ug/l	100
38) Carbon Tetrachloride	8.087	117	206044	48.978	ug/l	100
39) Methylcyclohexane	9.343	83	262496	50.734	ug/l	100
40) Benzene	8.331	78	699089	49.669	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032261.D
 Acq On : 25 Sep 2025 12:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 06:49:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:41:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	81434	47.946	ug/l	100
42) 1,2-Dichloroethane	8.410	62	224207	47.924	ug/l	100
43) Isopropyl Acetate	8.435	43	252816	47.624	ug/l	100
44) Trichloroethene	9.099	130	159555	48.499	ug/l	100
45) 1,2-Dichloropropane	9.373	63	181112	49.683	ug/l	100
46) Dibromomethane	9.465	93	108241	48.295	ug/l	100
47) Bromodichloromethane	9.648	83	257273	50.329	ug/l	100
48) Methyl methacrylate	9.441	41	123924	49.620	ug/l	100
49) 1,4-Dioxane	9.465	88	30020	1000.100	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	747705	237.557	ug/l	100
52) Toluene	10.386	92	432072	49.529	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	234010	49.964	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	272276	50.355	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	145639	47.606	ug/l	100
56) Ethyl methacrylate	10.648	69	201819	50.082	ug/l	100
57) 1,3-Dichloropropane	10.934	76	262086	49.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	581038	262.662	ug/l	100
59) 2-Hexanone	10.971	43	518965	241.448	ug/l	100
60) Dibromochloromethane	11.129	129	170115	50.633	ug/l	100
61) 1,2-Dibromoethane	11.239	107	141919	48.966	ug/l	100
64) Tetrachloroethene	10.867	164	133631	49.455	ug/l	100
65) Chlorobenzene	11.660	112	499320	48.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	159711	49.447	ug/l	100
67) Ethyl Benzene	11.727	91	834567	49.923	ug/l	100
68) m/p-Xylenes	11.836	106	639320	99.765	ug/l	100
69) o-Xylene	12.166	106	312144	51.830	ug/l	100
70) Styrene	12.178	104	552922	52.353	ug/l	100
71) Bromoform	12.349	173	93158	49.493	ug/l #	100
73) Isopropylbenzene	12.464	105	791099	53.222	ug/l	100
74) N-amyl acetate	12.269	43	231039	49.357	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	189180	48.542	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	232992	69.370	ug/l	43
77) Bromobenzene	12.745	156	195785	53.552	ug/l	100
78) n-propylbenzene	12.800	91	1000628	53.593	ug/l	100
79) 2-Chlorotoluene	12.891	91	592976	52.428	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	678131	53.361	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	57637	50.954	ug/l	100
82) 4-Chlorotoluene	12.983	91	625344	52.316	ug/l	100
83) tert-Butylbenzene	13.202	119	558898	52.587	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	683724	52.990	ug/l	100
85) sec-Butylbenzene	13.379	105	851810	53.372	ug/l	100
86) p-Isopropyltoluene	13.495	119	721846	54.612	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	371057	51.310	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	357426	48.381	ug/l	100
89) n-Butylbenzene	13.818	91	706203	53.238	ug/l	100
90) Hexachloroethane	14.092	117	122891	49.885	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	348041	51.447	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30775	46.167	ug/l	100
93) 1,2,4-Trichlorobenzene	15.129	180	204990	51.077	ug/l	100
94) Hexachlorobutadiene	15.232	225	83590	45.350	ug/l	100
95) Naphthalene	15.360	128	494973	51.385	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	190435	51.031	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

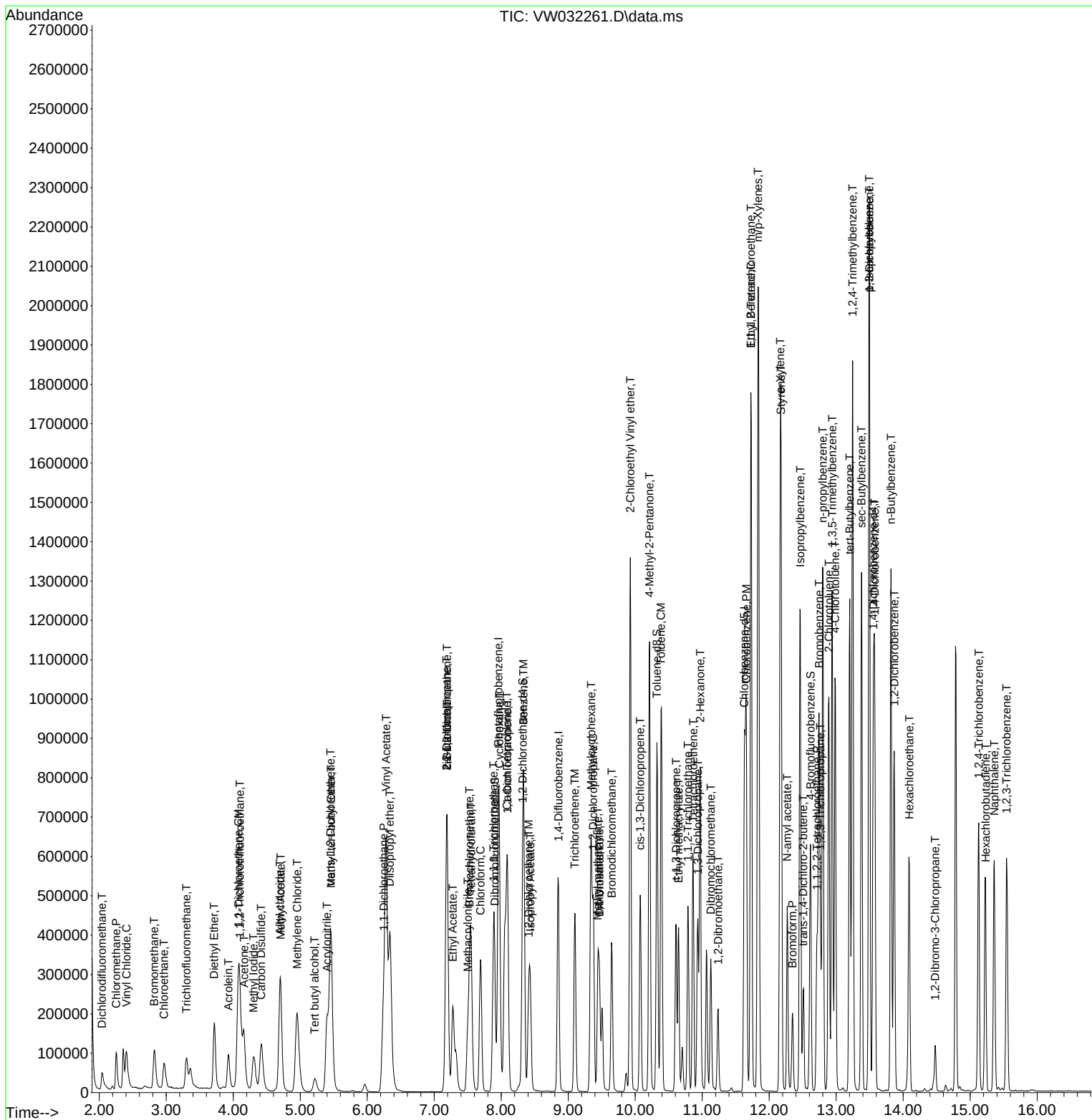
Instrument :
MSVOA_W
ClientSampleId :

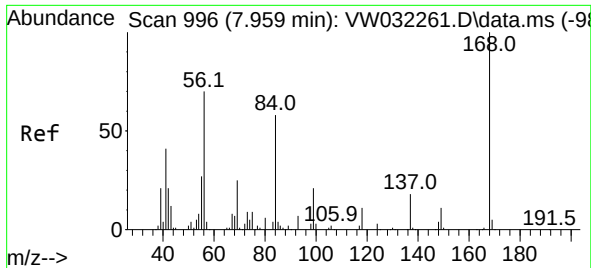
Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

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

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

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

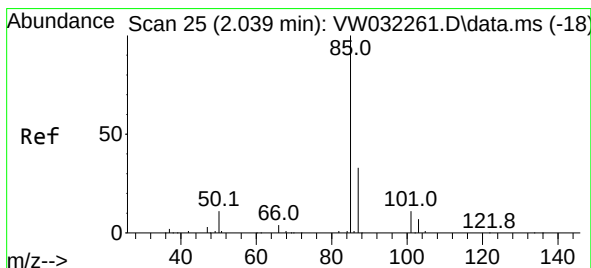
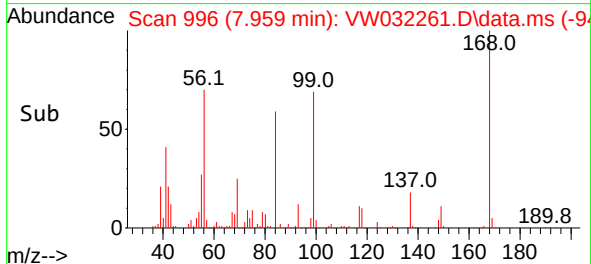
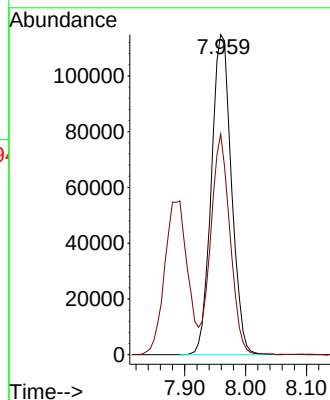
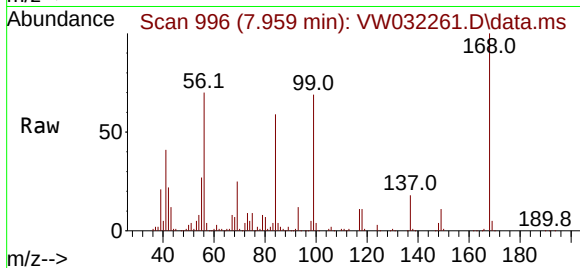




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

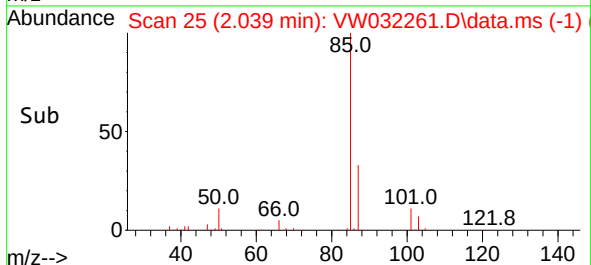
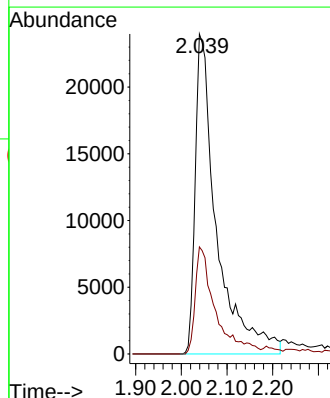
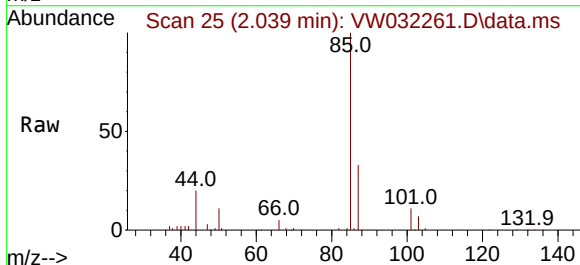
Instrument :
MSVOA_W
ClientSampleId :

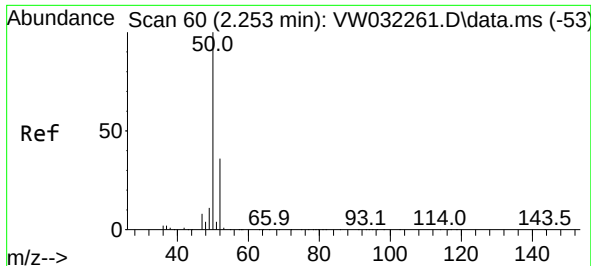
Tgt Ion:168 Resp: 263419
Ion Ratio Lower Upper
168 100
99 68.7 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 42.711 ug/l
RT: 2.039 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 85 Resp: 77732
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1

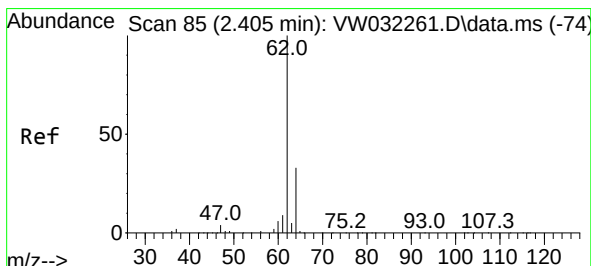
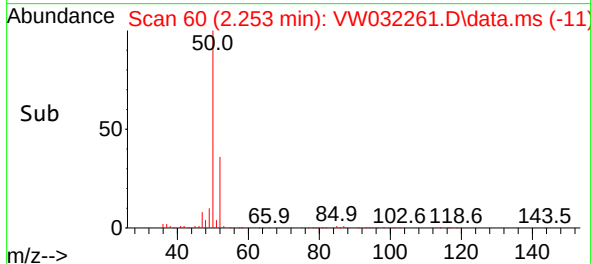
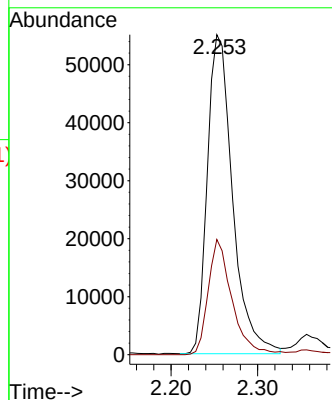
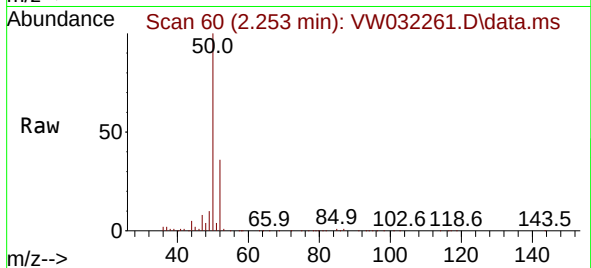




#3
Chloromethane
Concen: 42.767 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

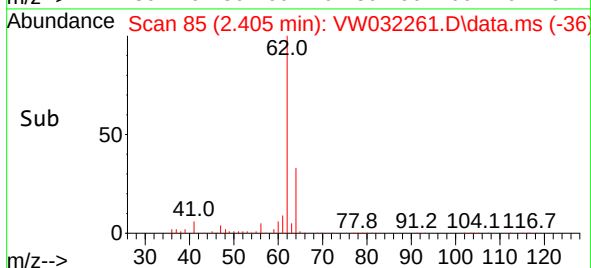
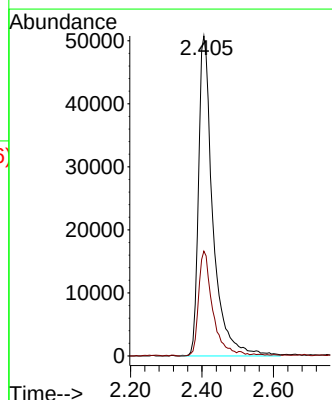
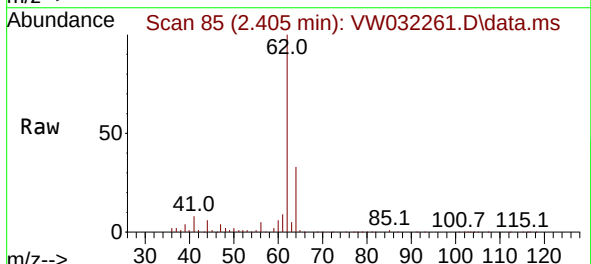
Instrument :
MSVOA_W
ClientSampleId :

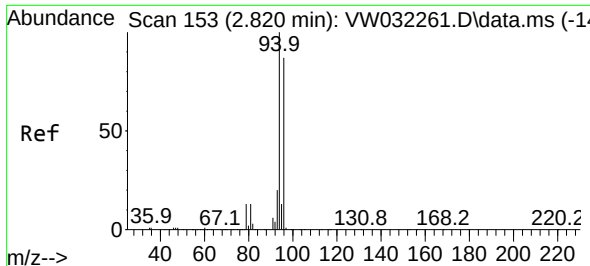
Tgt Ion: 50 Resp: 111388
Ion Ratio Lower Upper
50 100
52 36.1 28.9 43.3



#4
Vinyl Chloride
Concen: 46.459 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 62 Resp: 141381
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.4

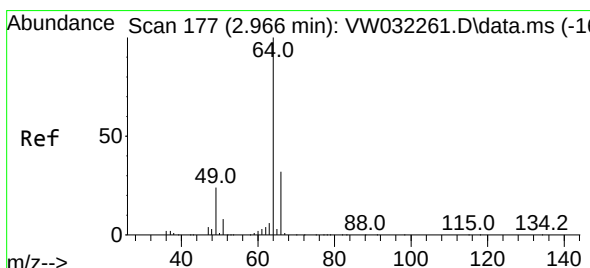
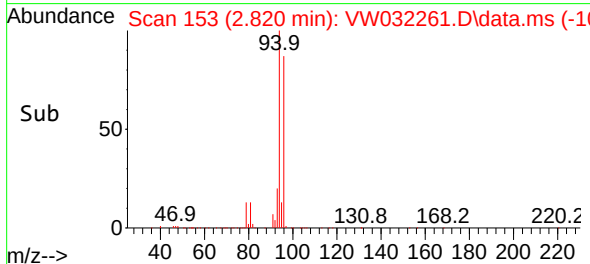
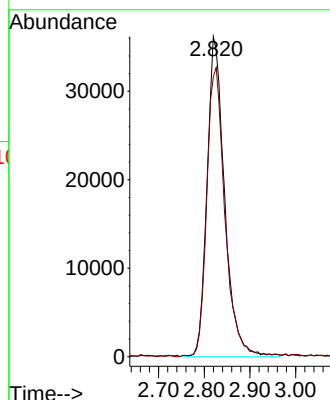
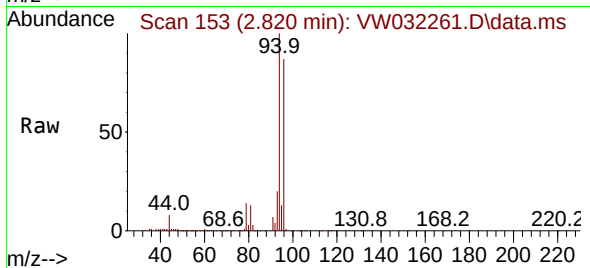




#5
Bromomethane
Concen: 46.487 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

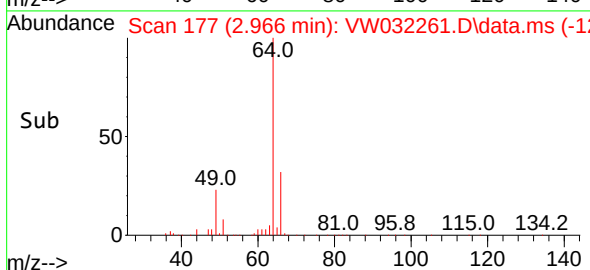
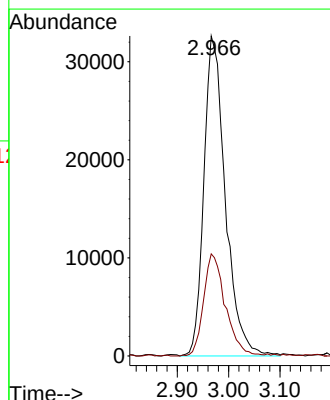
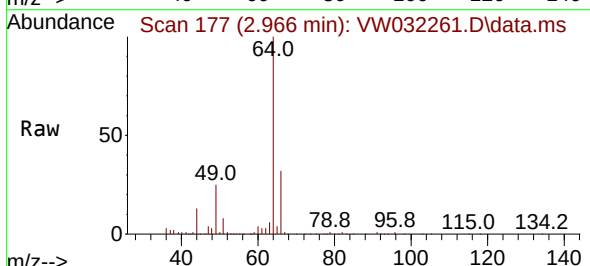
Instrument :
MSVOA_W
ClientSampleId :

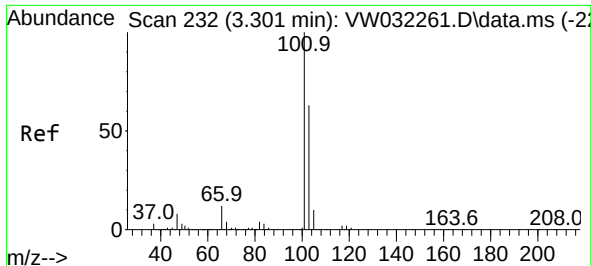
Tgt Ion: 94 Resp: 96600
Ion Ratio Lower Upper
94 100
96 87.5 70.0 105.0



#6
Chloroethane
Concen: 45.912 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 64 Resp: 94674
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

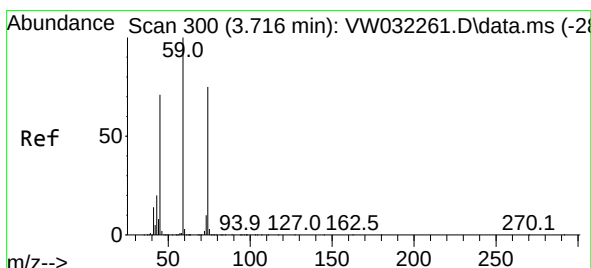
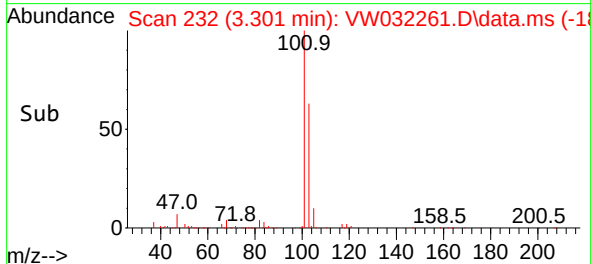
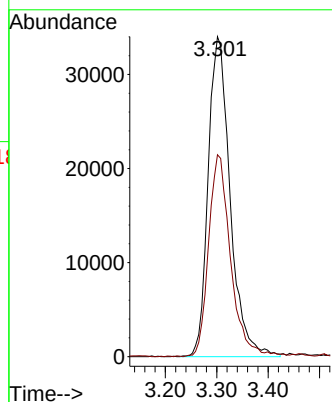
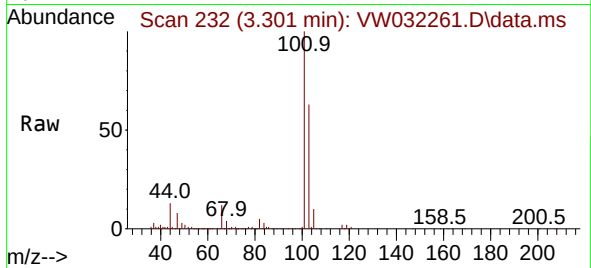




#7
 Trichlorofluoromethane
 Concen: 44.021 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

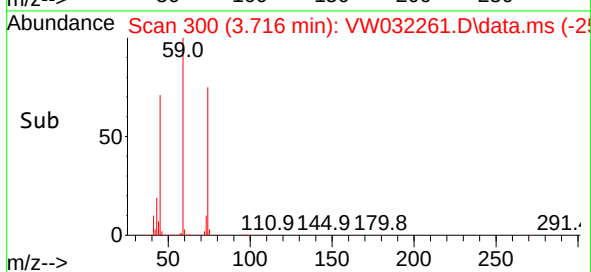
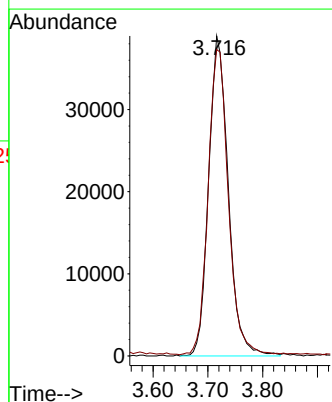
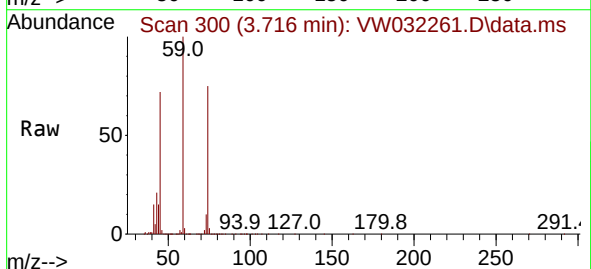
Instrument :
 MSVOA_W
 ClientSampleId :

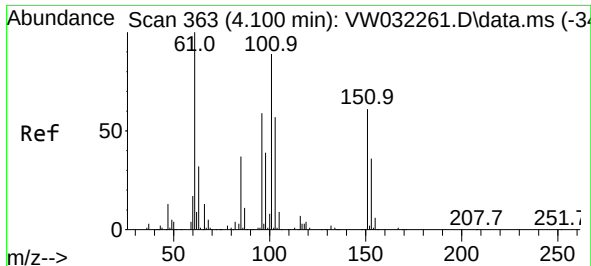
Tgt Ion:101 Resp: 100937
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 44.687 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Tgt Ion: 74 Resp: 96887
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.0 147.2

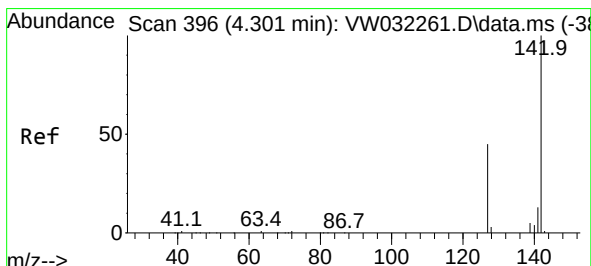
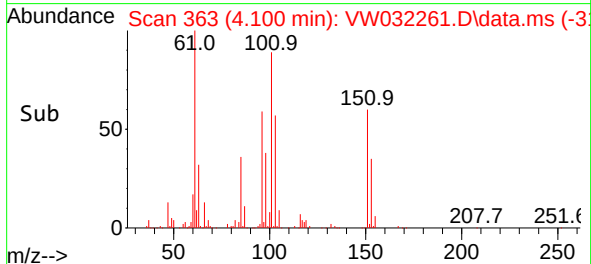
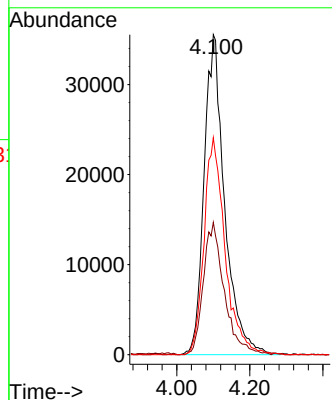
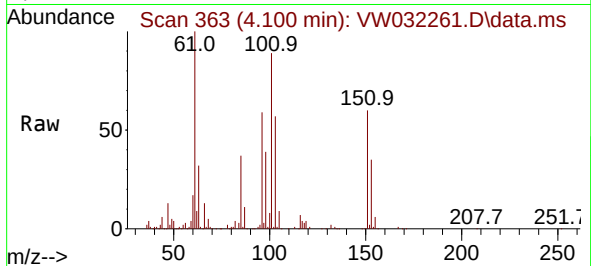




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.331 ug/l
RT: 4.100 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

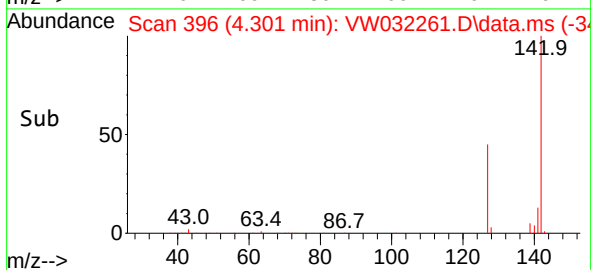
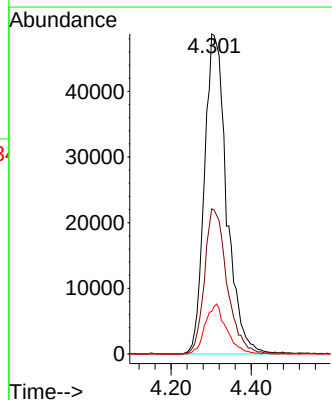
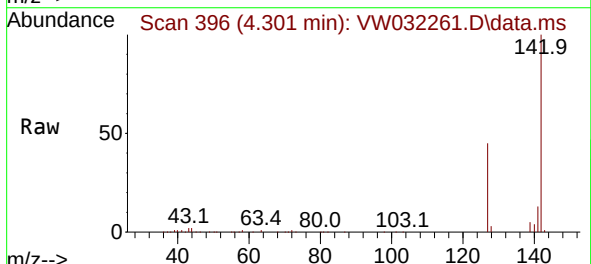
Instrument :
MSVOA_W
ClientSampleId :

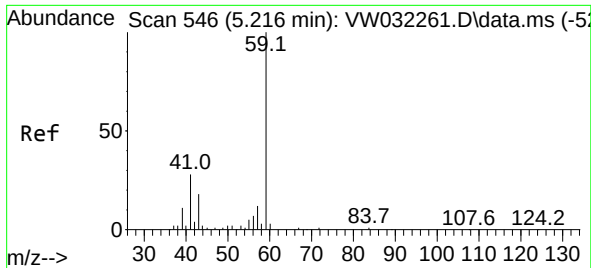
Tgt Ion:101 Resp: 138524
Ion Ratio Lower Upper
101 100
85 42.1 33.7 50.5
151 69.6 55.7 83.5



#10
Methyl Iodide
Concen: 47.349 ug/l
RT: 4.301 min Scan# 396
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:142 Resp: 187435
Ion Ratio Lower Upper
142 100
127 46.1 36.9 55.3
141 15.0 12.0 18.0

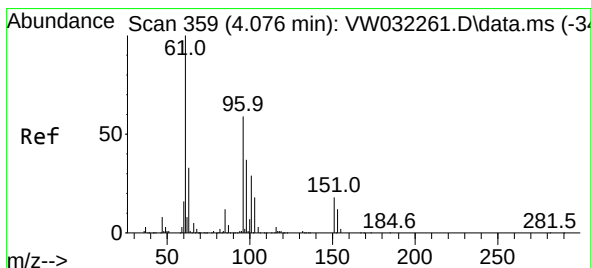
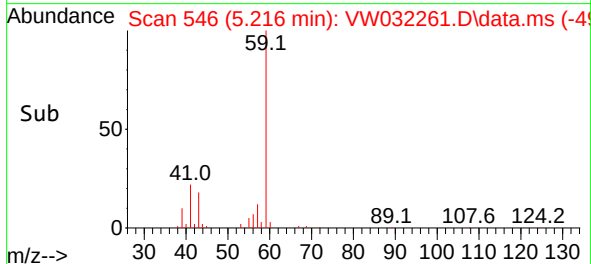
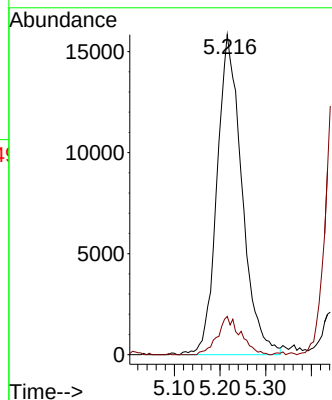
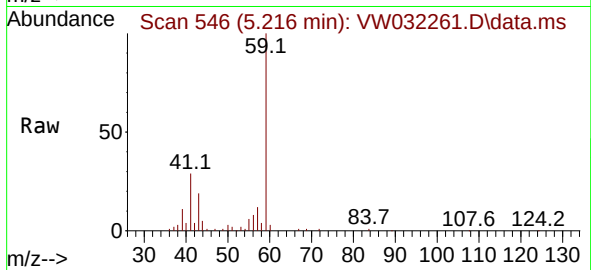




#11
Tert butyl alcohol
Concen: 207.913 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

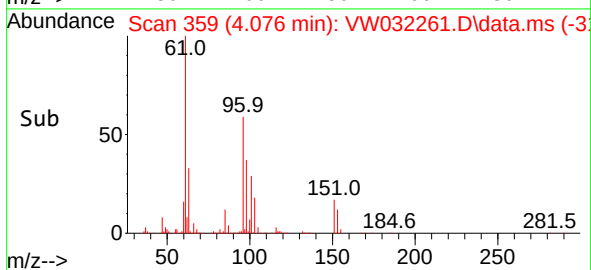
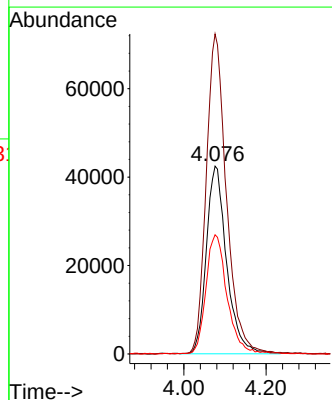
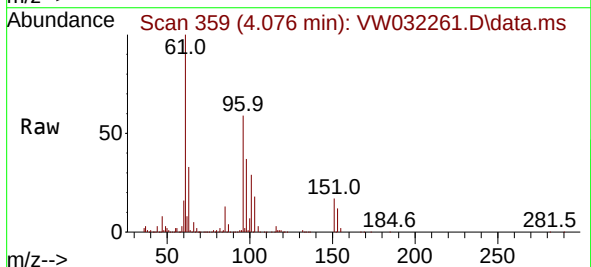
Instrument :
MSVOA_W
ClientSampleId :

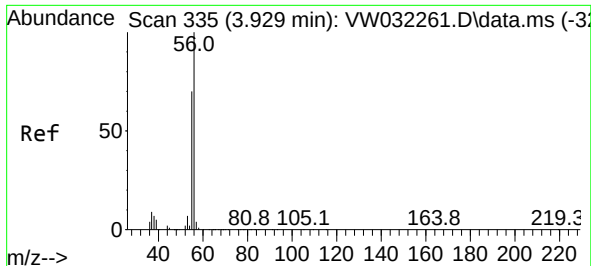
Tgt Ion: 59 Resp: 60028
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 46.418 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 96 Resp: 145223
Ion Ratio Lower Upper
96 100
61 170.4 136.3 204.5
98 63.4 50.7 76.1

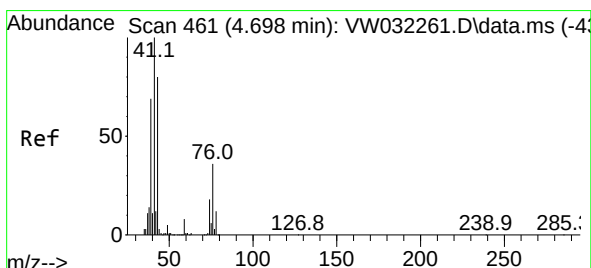
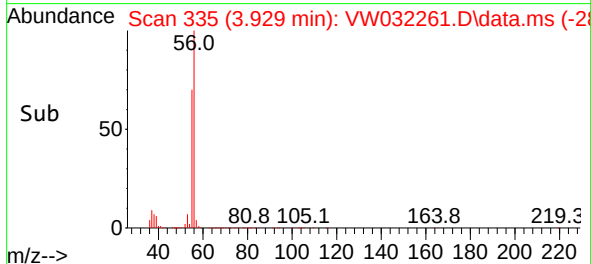
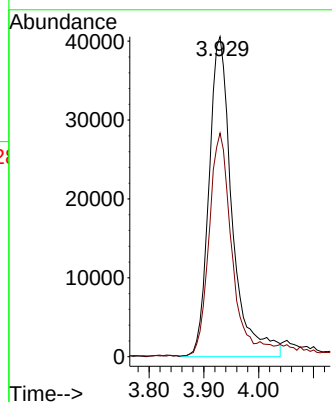
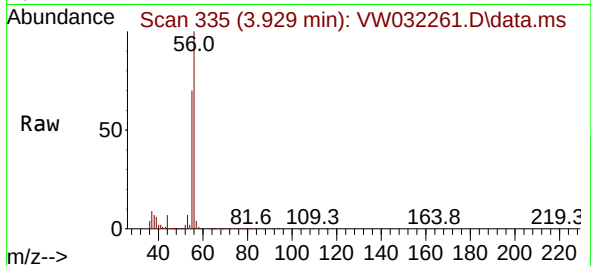




#13
Acrolein
Concen: 231.485 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

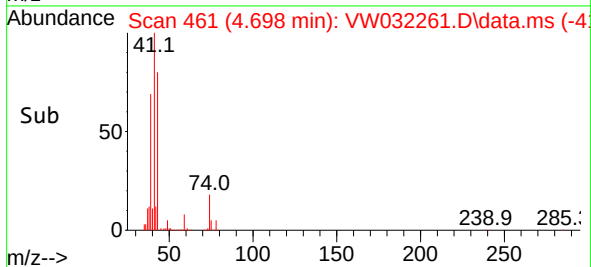
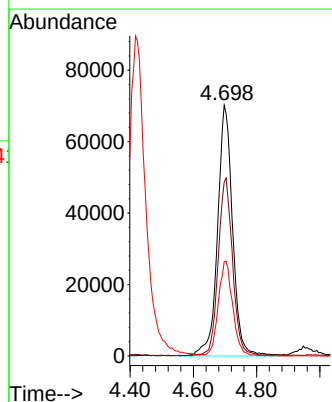
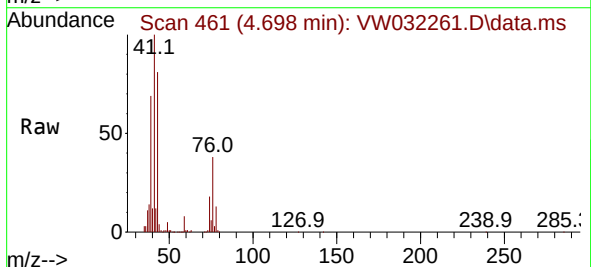
Instrument :
MSVOA_W
ClientSampleId :

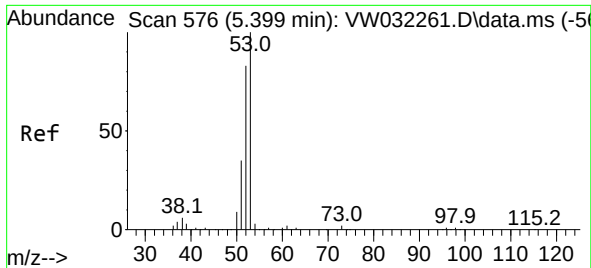
Tgt Ion: 56 Resp: 118954
Ion Ratio Lower Upper
56 100
55 66.5 53.2 79.8



#14
Allyl chloride
Concen: 47.669 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 41 Resp: 231447
Ion Ratio Lower Upper
41 100
39 67.9 54.3 81.5
76 35.9 28.7 43.1

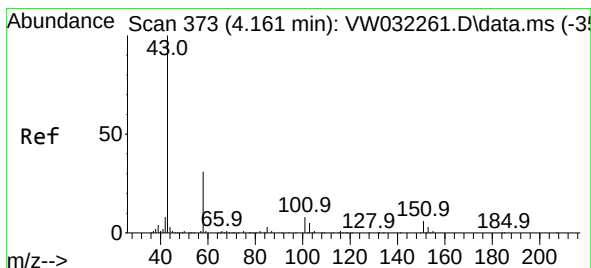
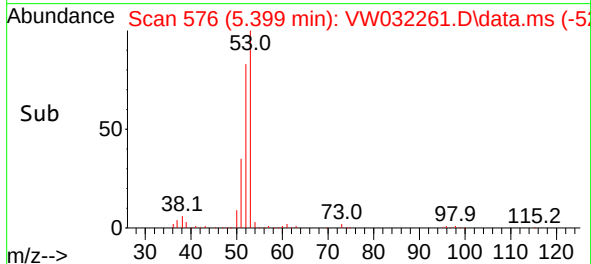
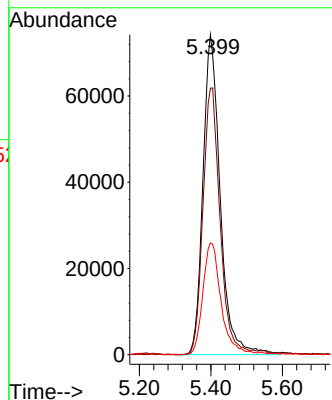
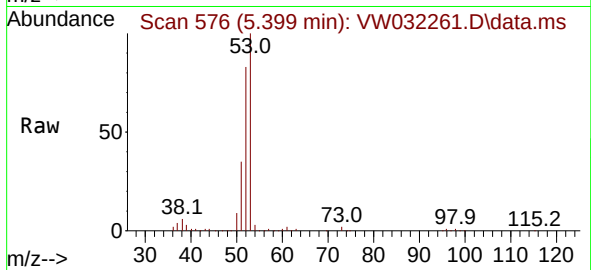




#15
Acrylonitrile
Concen: 222.601 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

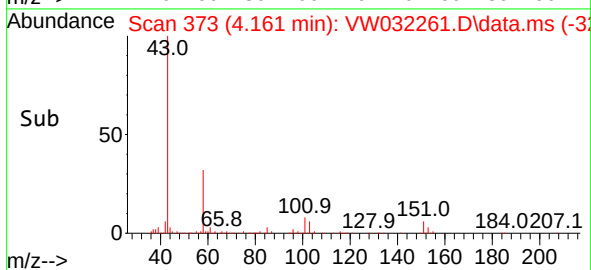
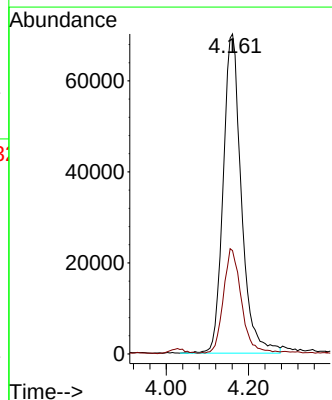
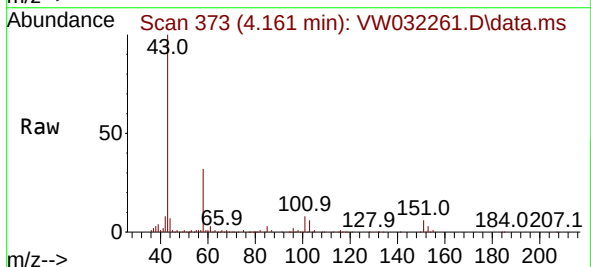
Instrument :
MSVOA_W
ClientSampleId :

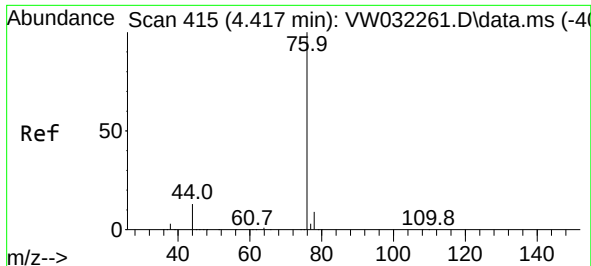
Tgt Ion: 53 Resp: 248561
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 37.0 29.6 44.4



#16
Acetone
Concen: 201.612 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 215356
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0

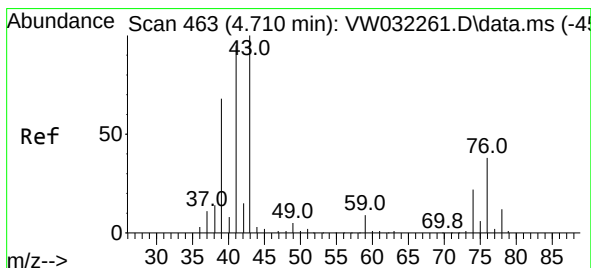
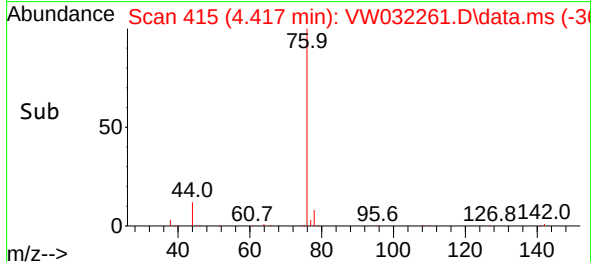
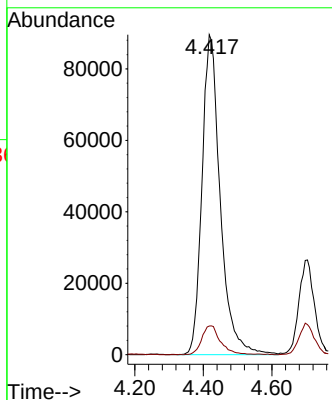
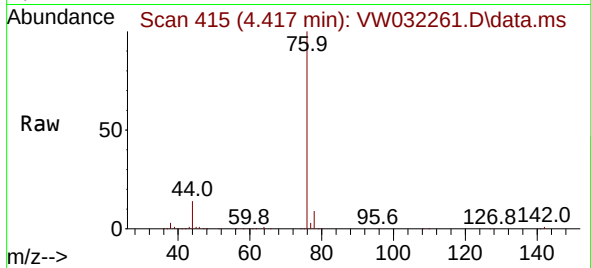




#17
Carbon Disulfide
Concen: 46.133 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

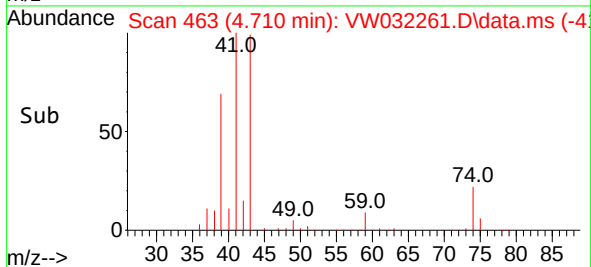
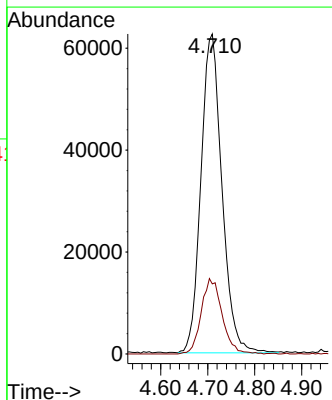
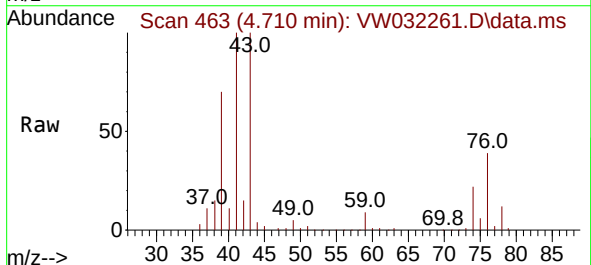
Instrument :
MSVOA_W
ClientSampleId :

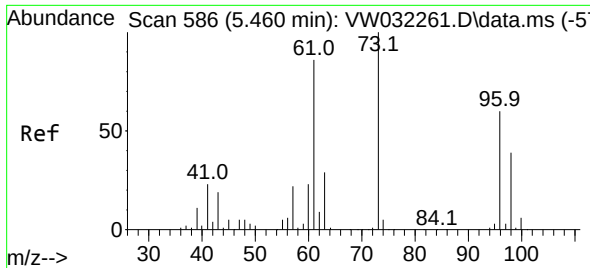
Tgt Ion: 76 Resp: 331845
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.938 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 194479
Ion Ratio Lower Upper
43 100
74 23.5 18.8 28.2

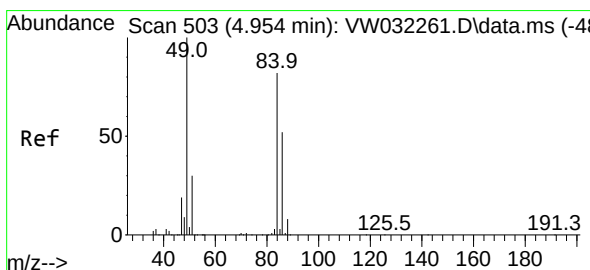
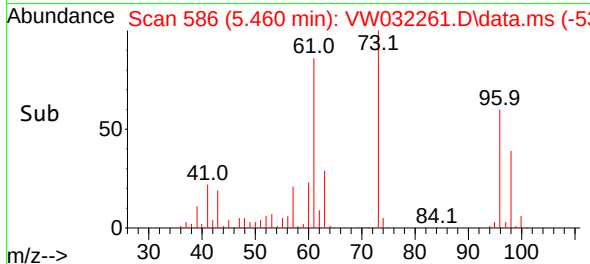
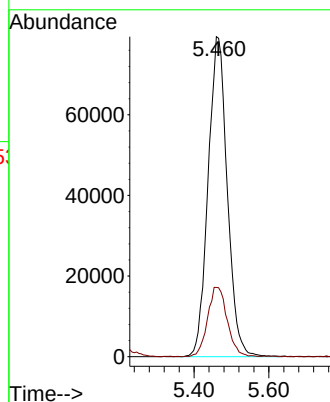
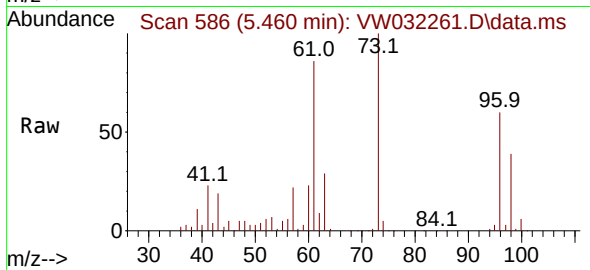




#19
Methyl tert-butyl Ether
Concen: 48.658 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

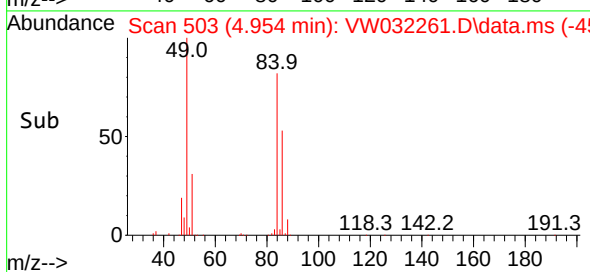
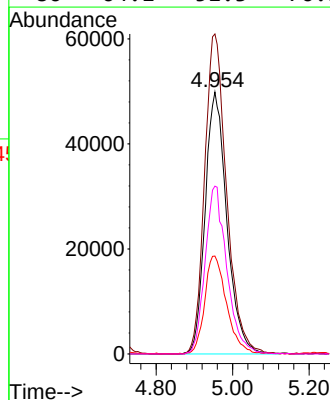
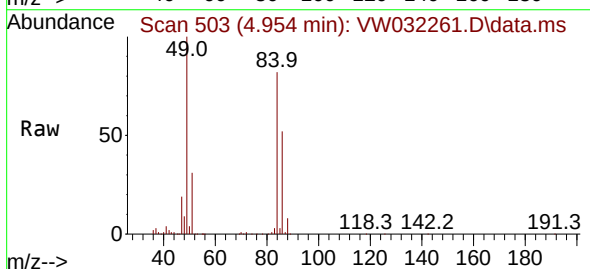
Instrument :
MSVOA_W
ClientSampleId :

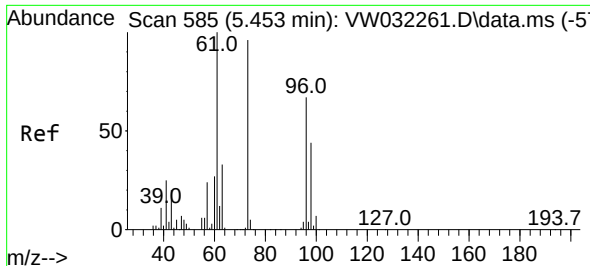
Tgt Ion: 73 Resp: 282181
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 51.165 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

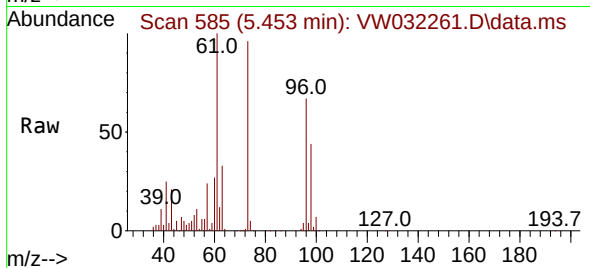
Tgt Ion: 84 Resp: 196832
Ion Ratio Lower Upper
84 100
49 122.2 97.8 146.6
51 37.4 29.9 44.9
86 64.1 51.3 76.9



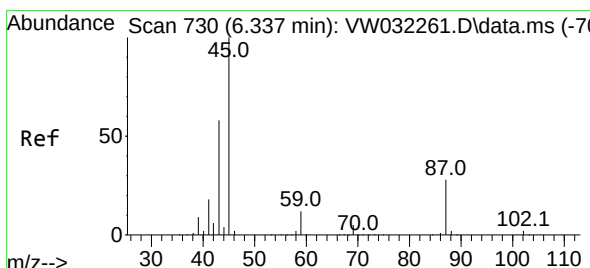
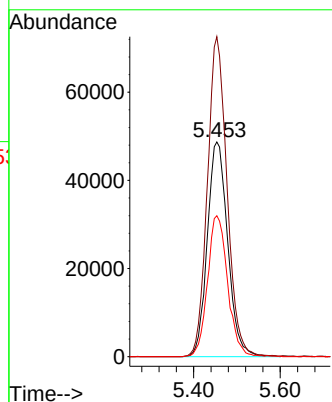
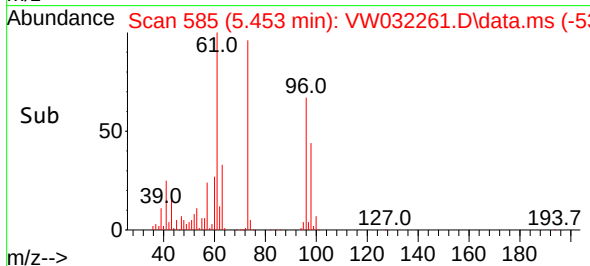


#21
trans-1,2-Dichloroethene
Concen: 47.279 ug/l
RT: 5.453 min Scan# 585
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

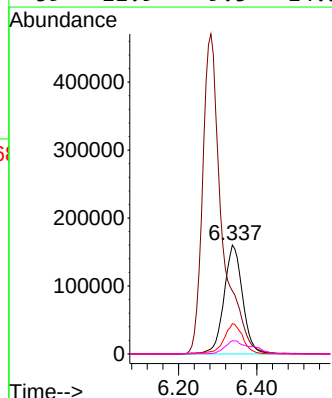
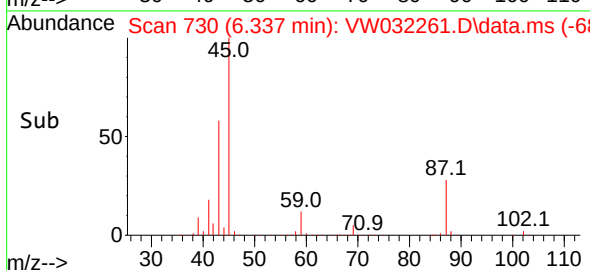
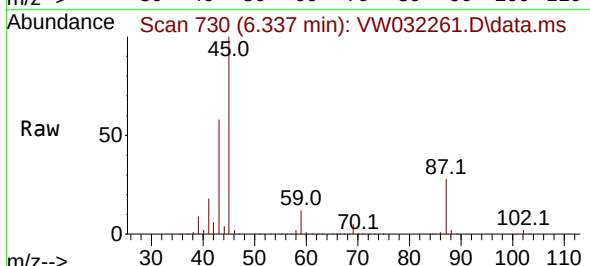


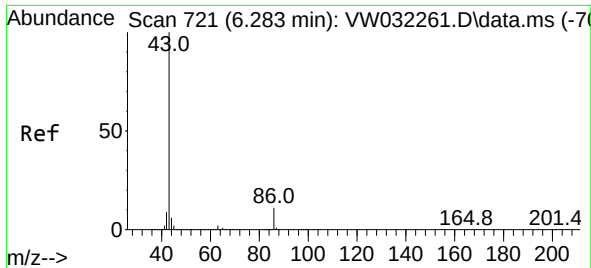
Tgt Ion: 96 Resp: 159500
Ion Ratio Lower Upper
96 100
61 149.0 119.2 178.8
98 65.6 52.5 78.7



#22
Diisopropyl ether
Concen: 48.907 ug/l
RT: 6.337 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 45 Resp: 527651
Ion Ratio Lower Upper
45 100
43 57.8 46.2 69.4
87 27.7 22.2 33.2
59 11.9 9.5 14.3

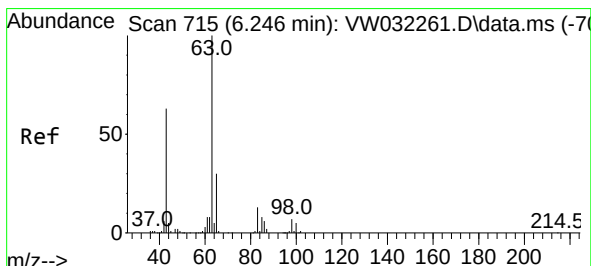
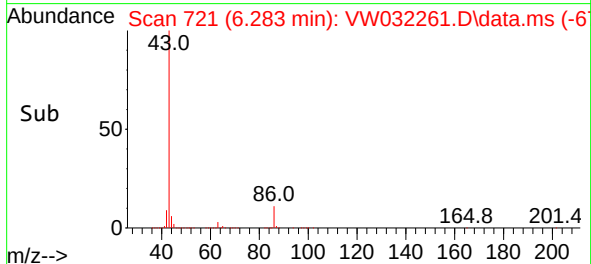
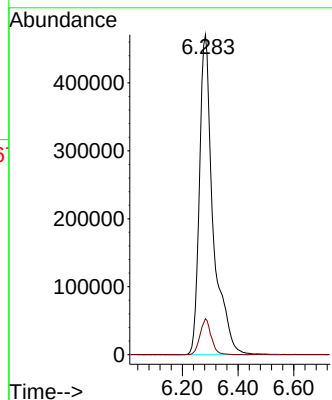
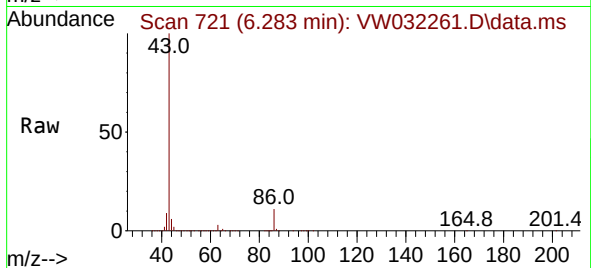




#23
 Vinyl Acetate
 Concen: 230.704 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

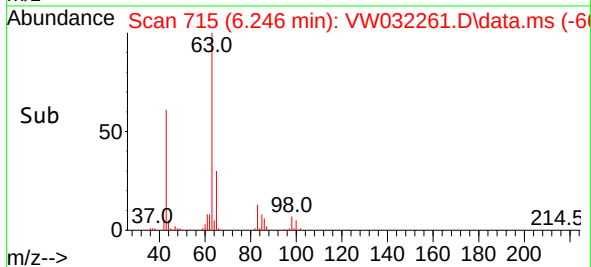
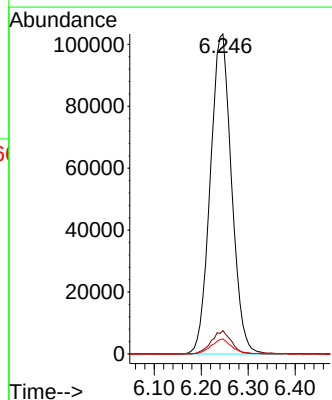
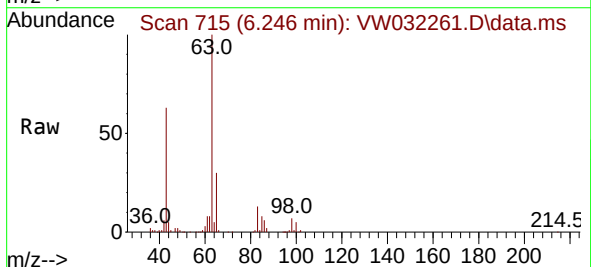
Instrument :
 MSVOA_W
 ClientSampleId :

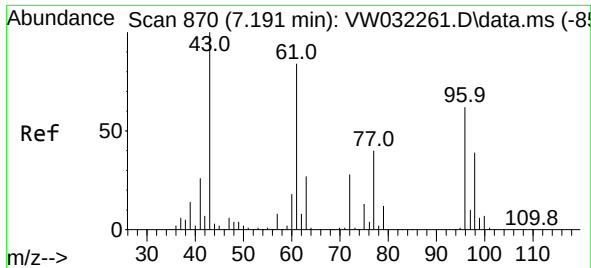
Tgt Ion: 43 Resp: 1601259
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 47.641 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Tgt Ion: 63 Resp: 324470
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.7 2.4 7.1

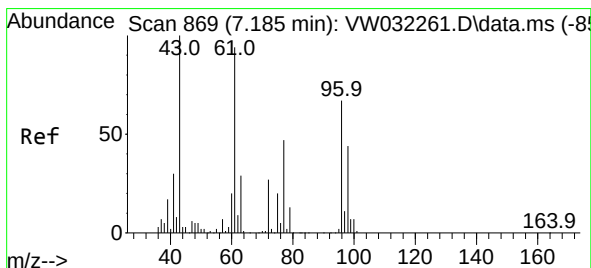
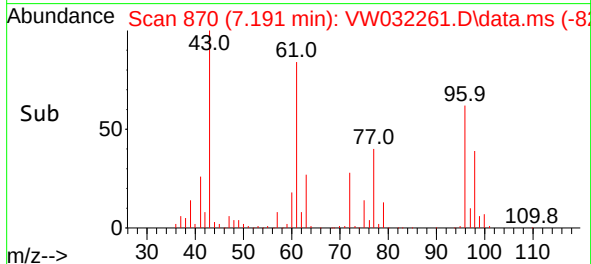
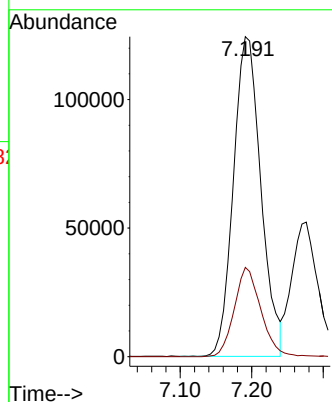
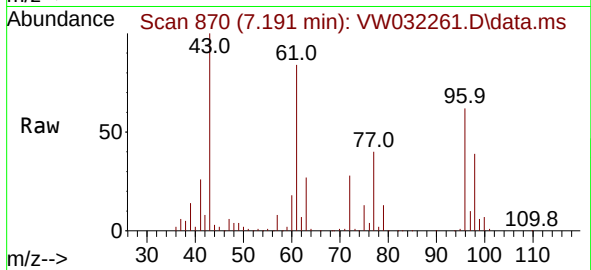




#25
2-Butanone
Concen: 223.055 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

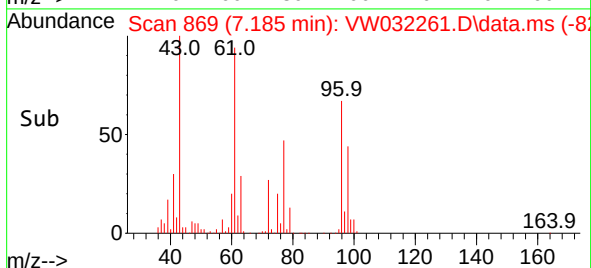
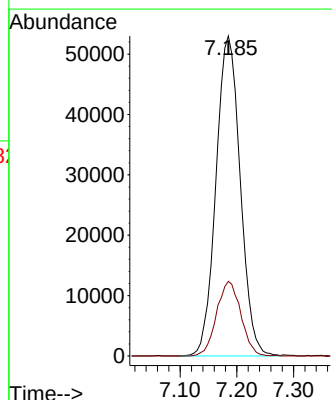
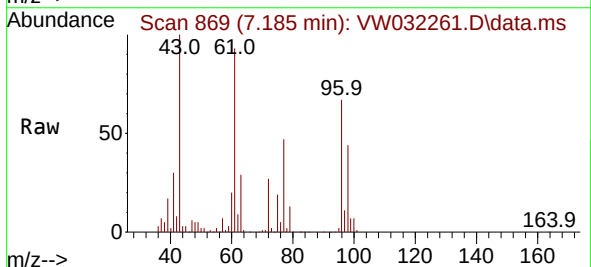
Instrument :
MSVOA_W
ClientSampleId :

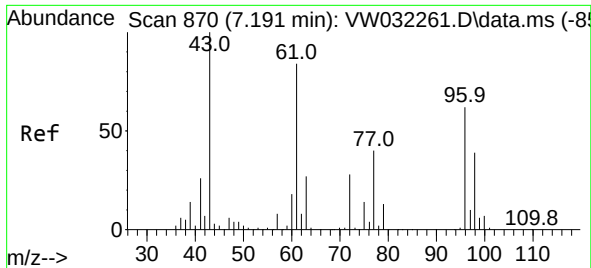
Tgt Ion: 43 Resp: 332100
Ion Ratio Lower Upper
43 100
72 27.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 46.933 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 77 Resp: 157515
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0

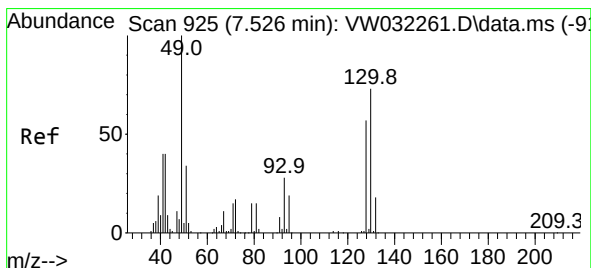
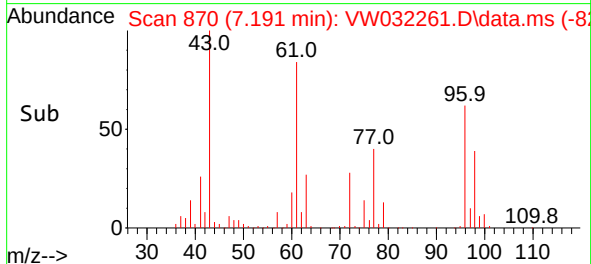
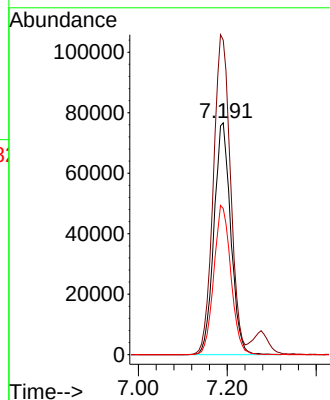
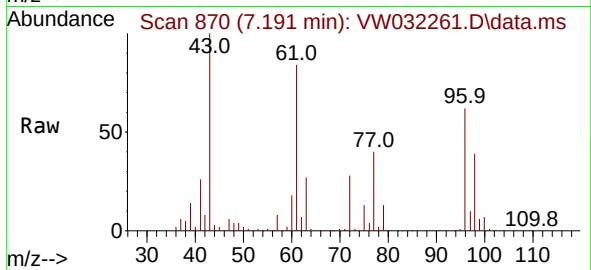




#27
 cis-1,2-Dichloroethene
 Concen: 47.877 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

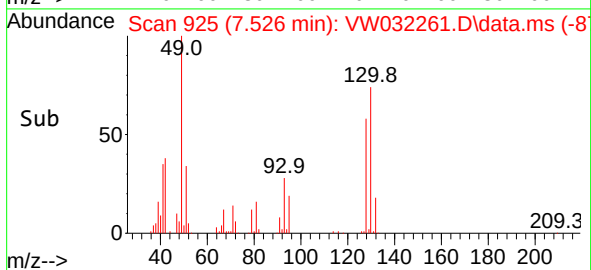
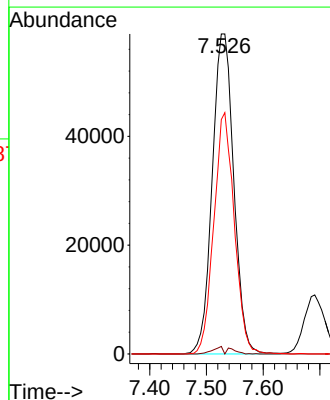
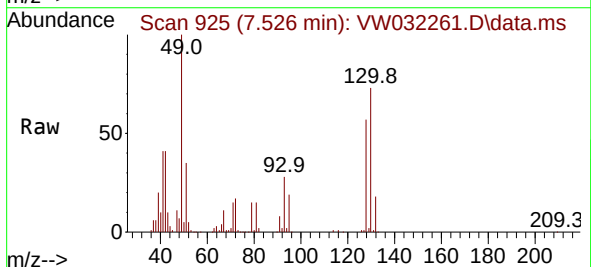
Instrument :
 MSVOA_W
 ClientSampleId :

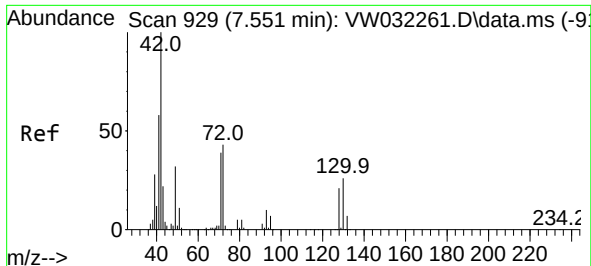
Tgt Ion: 96 Resp: 200886
 Ion Ratio Lower Upper
 96 100
 61 140.9 0.0 281.8
 98 65.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 47.753 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Tgt Ion: 49 Resp: 155192
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 0.0 0.0 0.0





#29

Tetrahydrofuran

Concen: 225.860 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

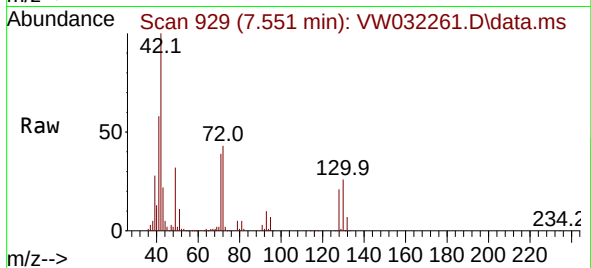
Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :



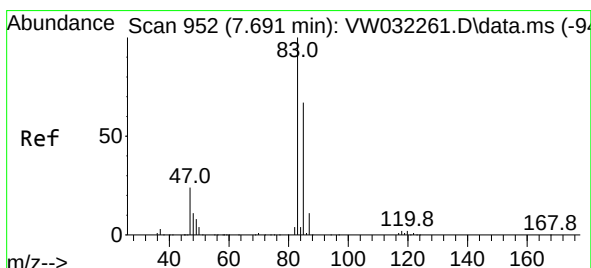
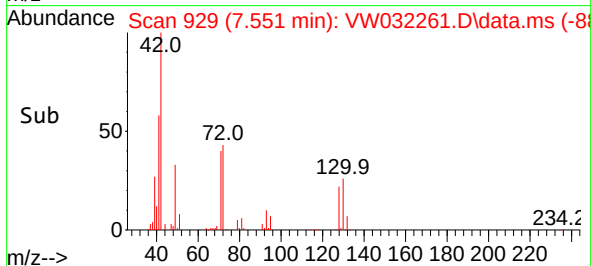
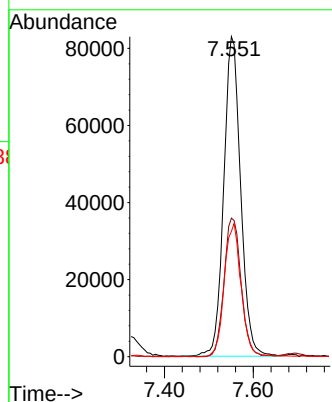
Tgt Ion: 42 Resp: 218311

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

71 41.6 33.3 49.9



#30

Chloroform

Concen: 47.686 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032261.D

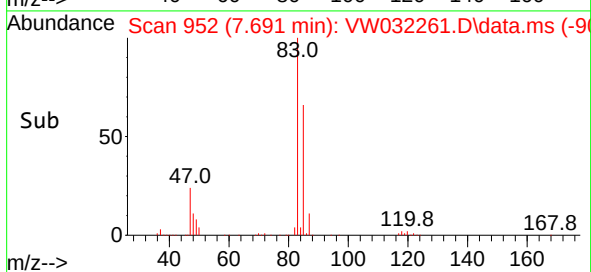
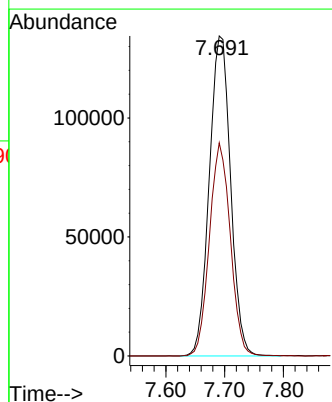
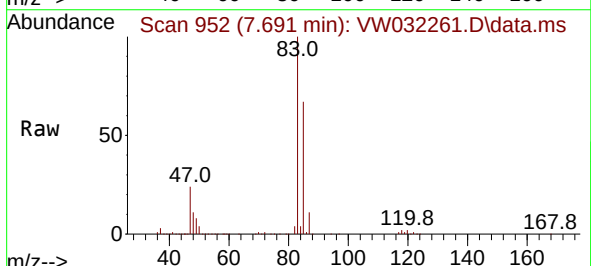
Acq: 25 Sep 2025 12:24

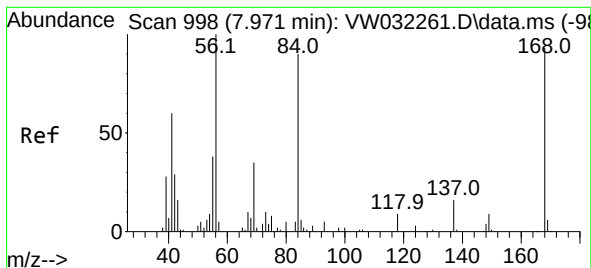
Tgt Ion: 83 Resp: 338865

Ion Ratio Lower Upper

83 100

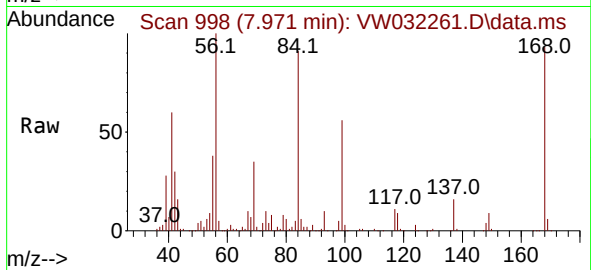
85 66.6 53.3 79.9



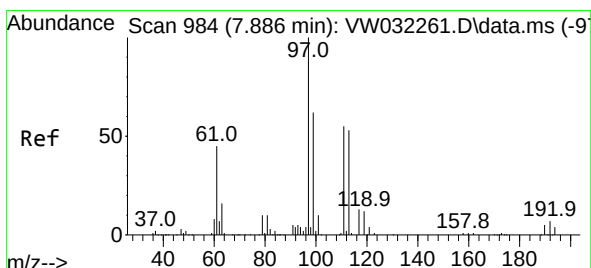
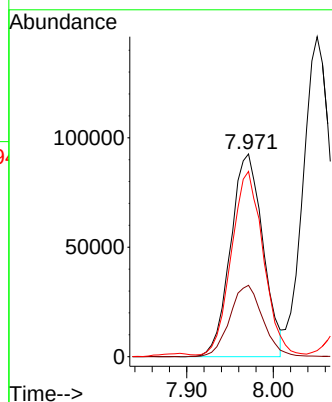
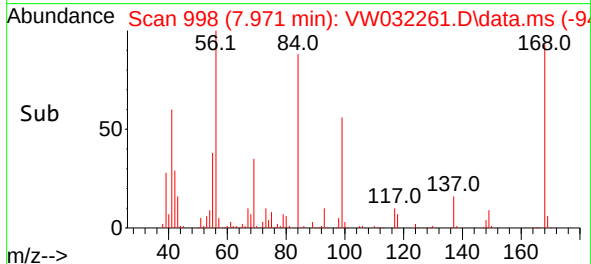


#31
Cyclohexane
Concen: 44.720 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

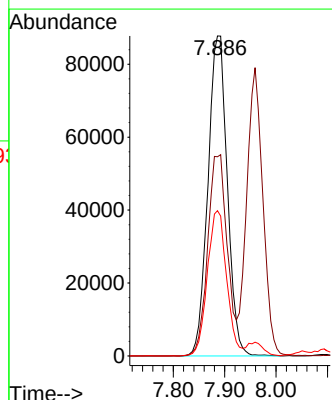
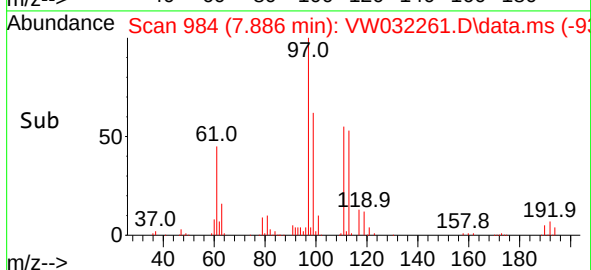
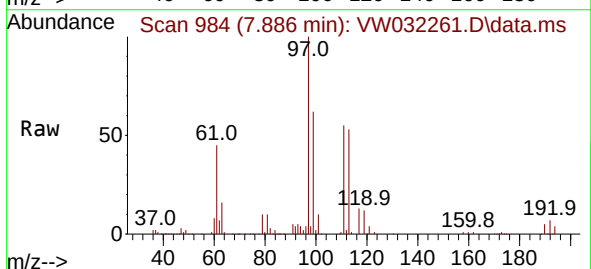


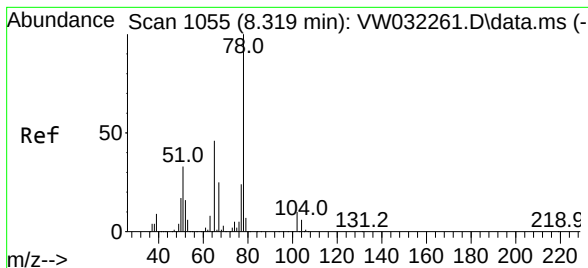
Tgt Ion: 56 Resp: 240167
Ion Ratio Lower Upper
56 100
69 35.2 28.2 42.2
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 48.061 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 97 Resp: 230079
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 45.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 44.863 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

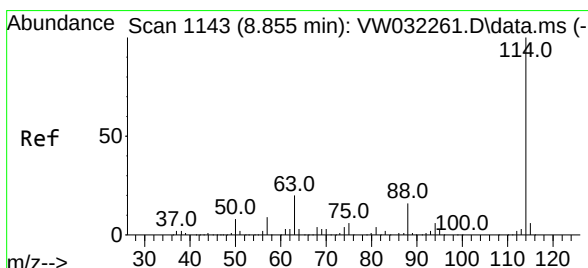
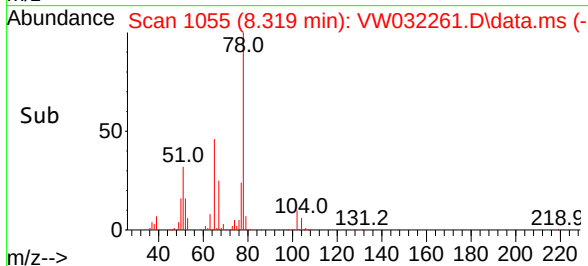
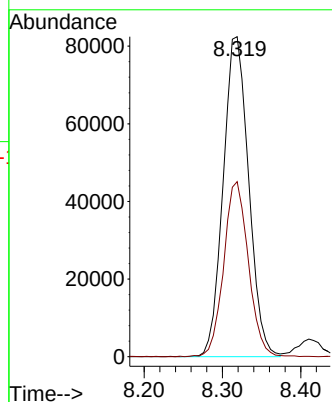
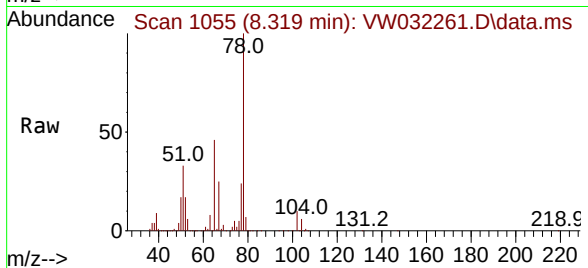
ClientSampleId :

Tgt Ion: 65 Resp: 186598

Ion Ratio Lower Upper

65 100

67 52.9 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: VW032261.D

Acq: 25 Sep 2025 12:24

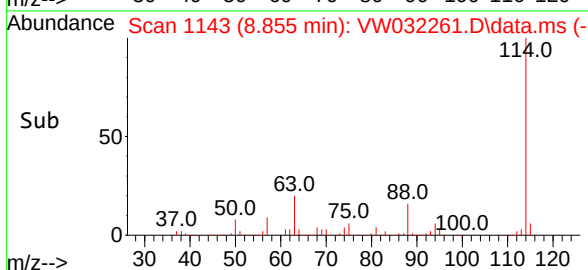
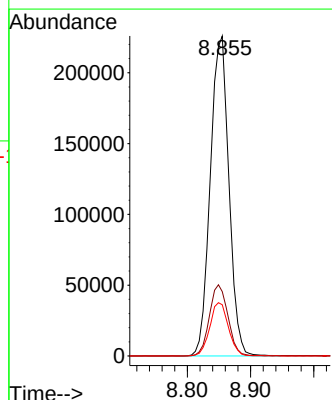
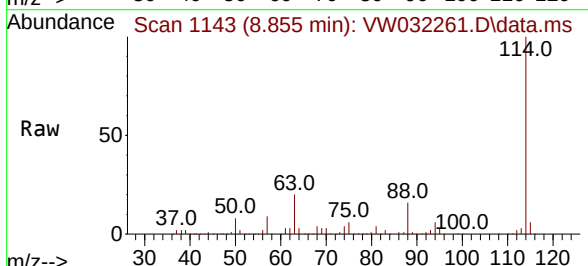
Tgt Ion: 114 Resp: 461173

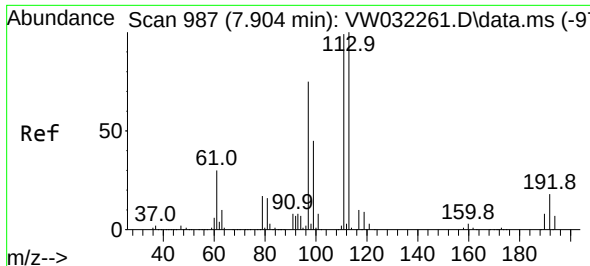
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.0 0.0 32.0

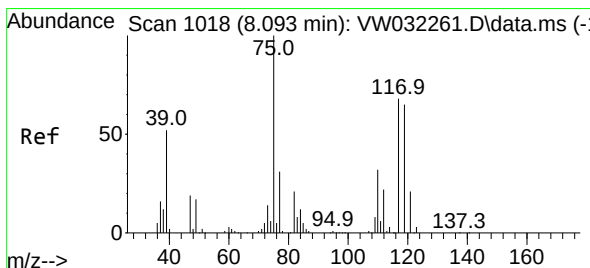
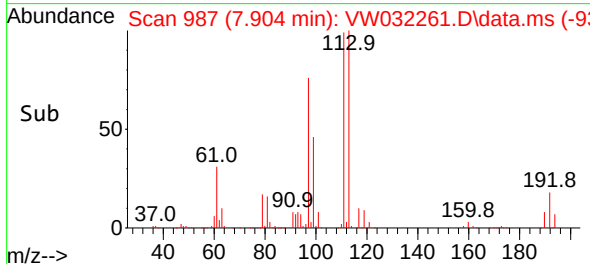
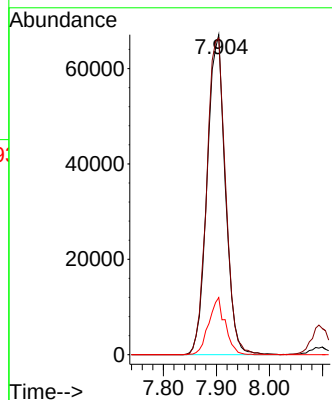
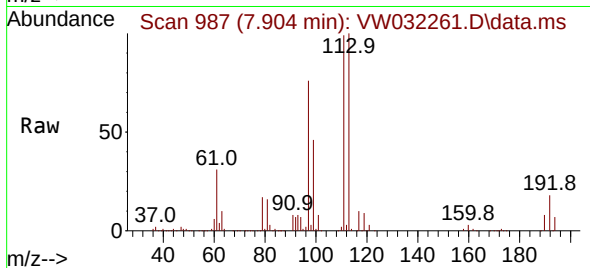




#35
Dibromofluoromethane
Concen: 48.182 ug/l
RT: 7.904 min Scan# 918
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

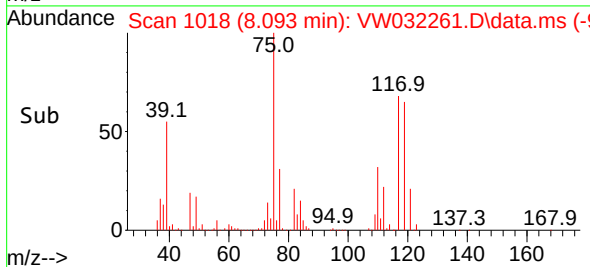
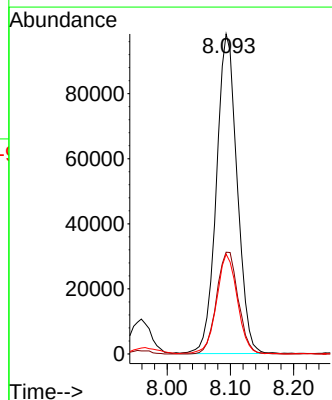
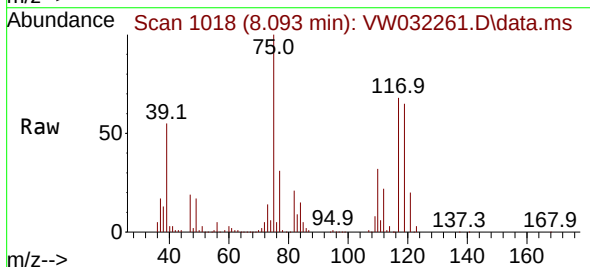
Instrument :
MSVOA_W
ClientSampleId :

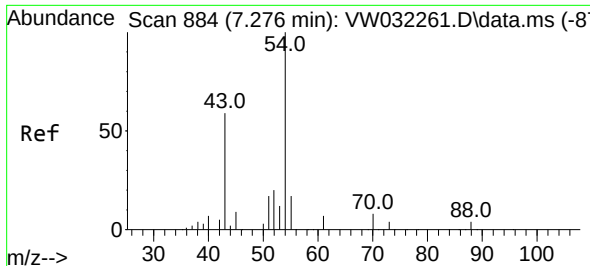
Tgt Ion:113 Resp: 159800
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 16.2 13.0 19.4



#36
1,1-Dichloropropene
Concen: 49.836 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 222842
Ion Ratio Lower Upper
75 100
110 33.4 16.7 50.1
77 31.5 25.2 37.8

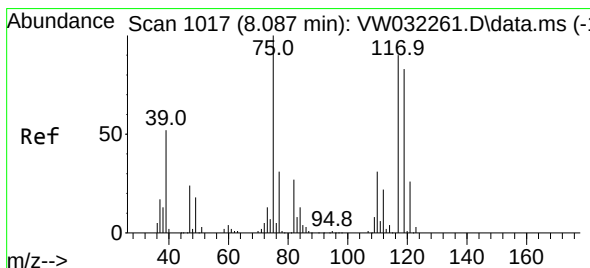
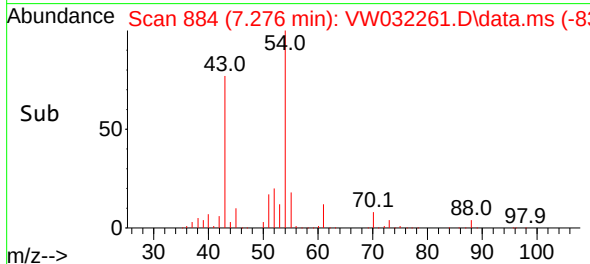
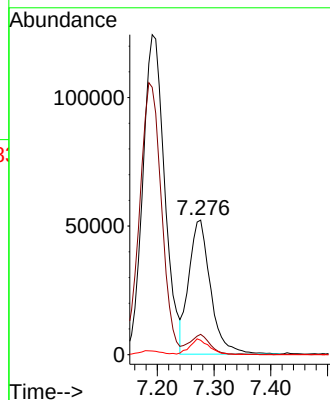
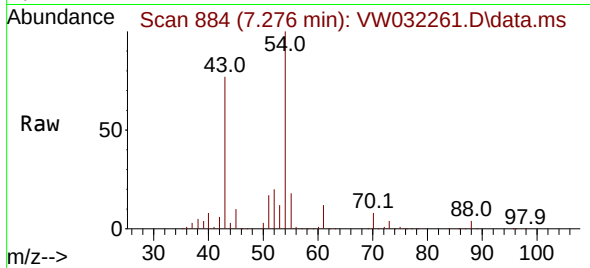




#37
Ethyl Acetate
Concen: 46.641 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

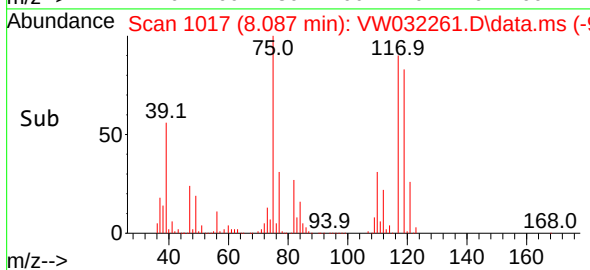
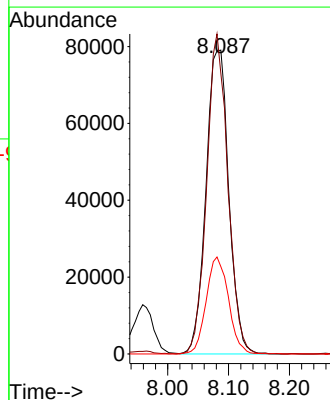
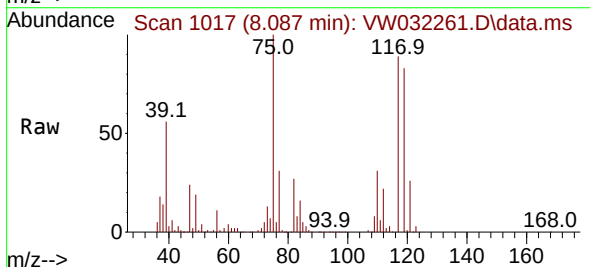
Instrument :
MSVOA_W
ClientSampleId :

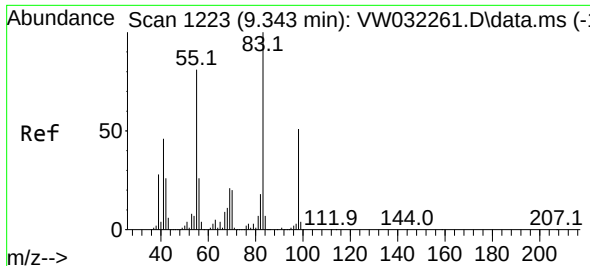
Tgt Ion: 43 Resp: 138317
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.978 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 117 Resp: 206044
Ion Ratio Lower Upper
117 100
119 92.4 73.9 110.9
121 28.8 23.0 34.6





#39

Methylcyclohexane

Concen: 50.734 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

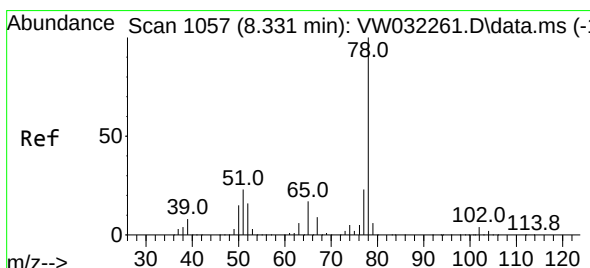
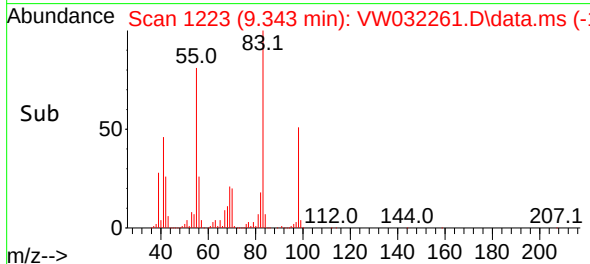
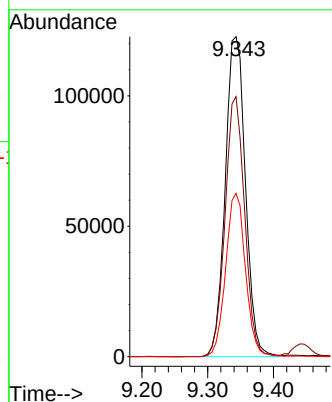
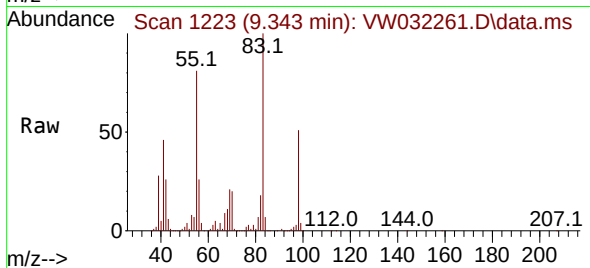
Tgt Ion: 83 Resp: 262496

Ion Ratio Lower Upper

83 100

55 81.3 65.0 97.6

98 51.0 40.8 61.2



#40

Benzene

Concen: 49.669 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VW032261.D

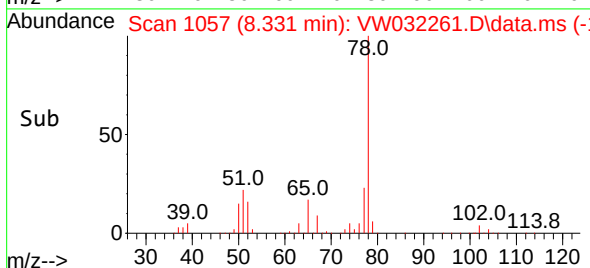
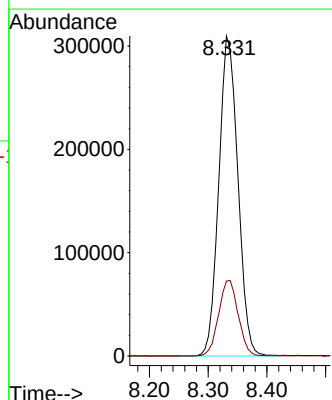
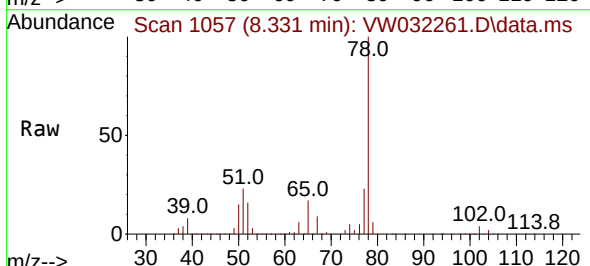
Acq: 25 Sep 2025 12:24

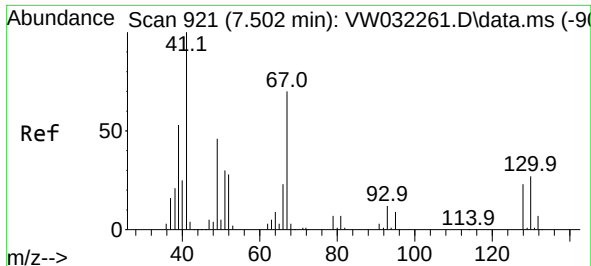
Tgt Ion: 78 Resp: 699089

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

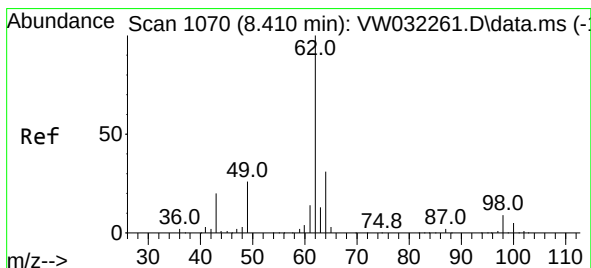
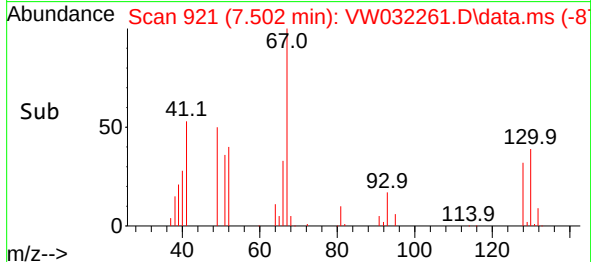
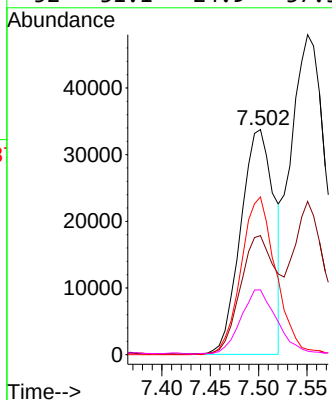
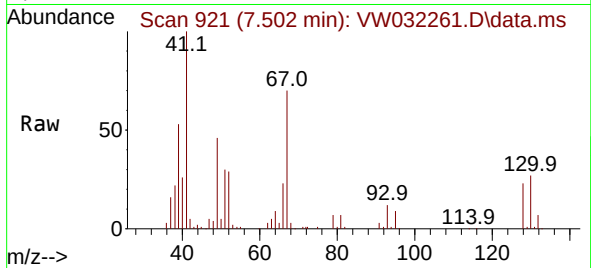




#41
Methacrylonitrile
Concen: 47.946 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

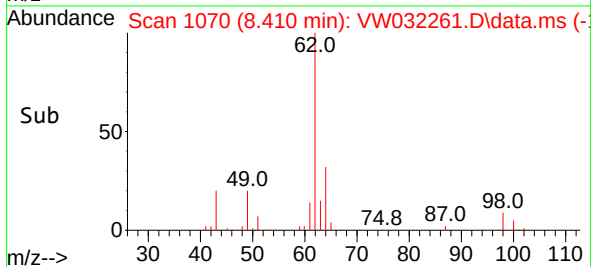
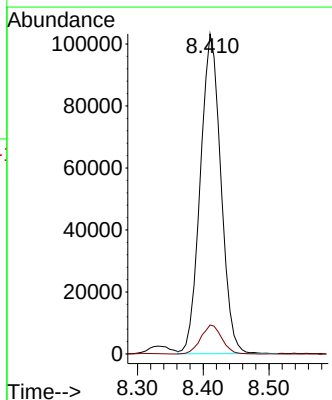
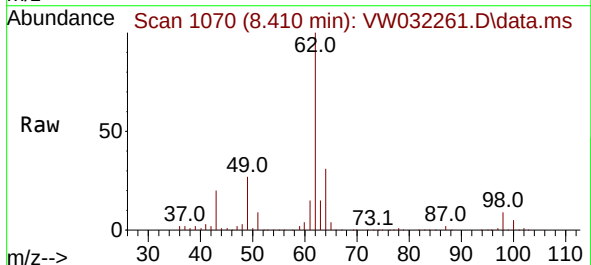
Instrument :
MSVOA_W
ClientSampleId :

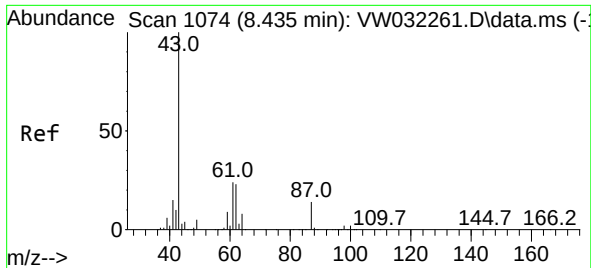
Tgt Ion:	41	Resp:	81434
Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.9	70.3
67	73.7	59.0	88.4
52	31.1	24.9	37.3



#42
1,2-Dichloroethane
Concen: 47.924 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:	62	Resp:	224207
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

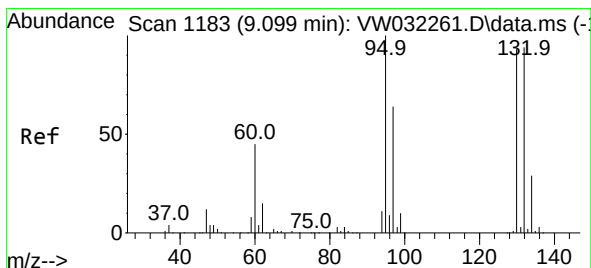
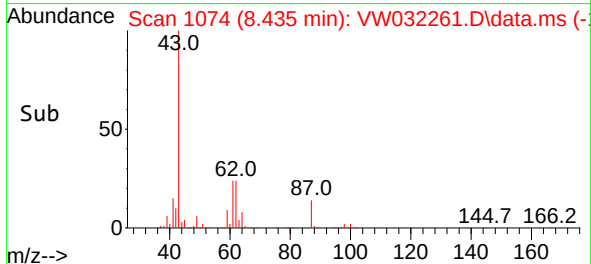
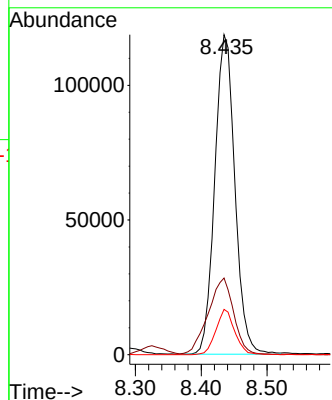
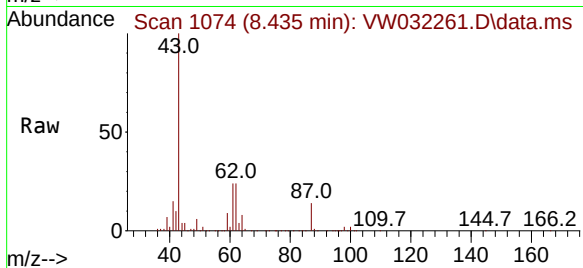




#43
Isopropyl Acetate
Concen: 47.624 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

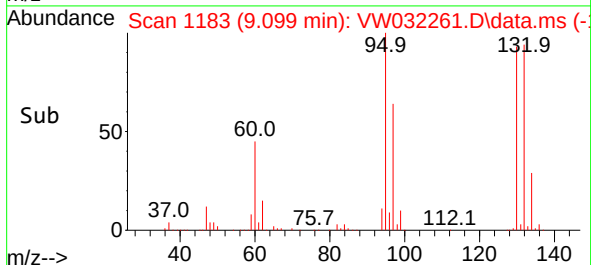
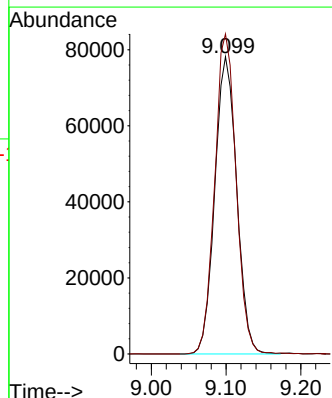
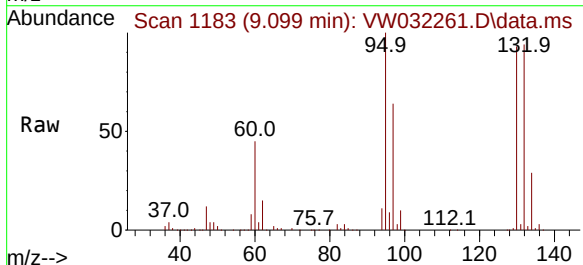
Instrument :
MSVOA_W
ClientSampleId :

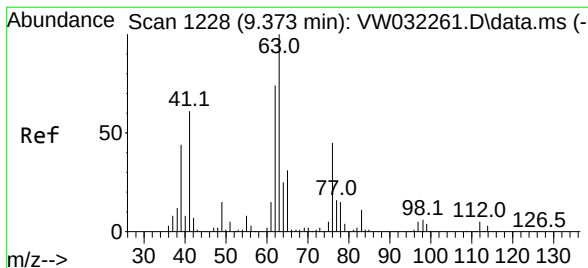
Tgt Ion: 43 Resp: 252816
Ion Ratio Lower Upper
43 100
61 30.2 24.2 36.2
87 13.3 10.6 16.0



#44
Trichloroethene
Concen: 48.499 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:130 Resp: 159555
Ion Ratio Lower Upper
130 100
95 107.6 0.0 215.2





#45

1,2-Dichloropropane

Concen: 49.683 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

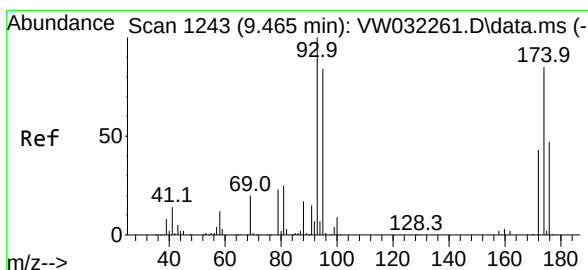
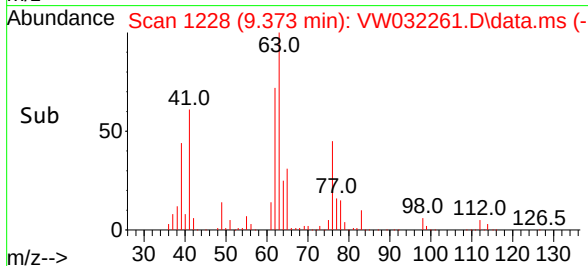
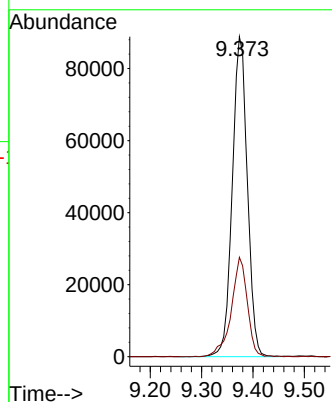
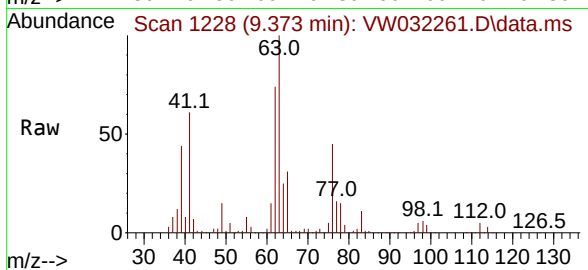
ClientSampleId :

Tgt Ion: 63 Resp: 181112

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 48.295 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

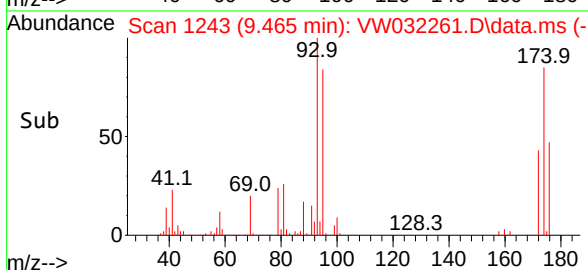
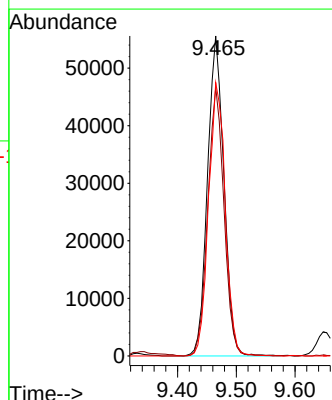
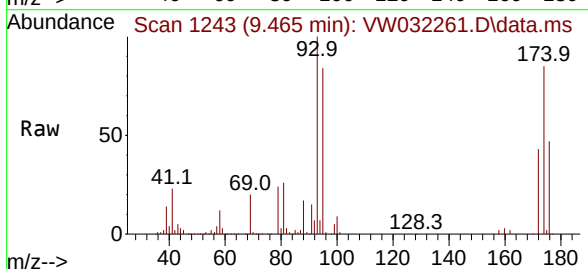
Tgt Ion: 93 Resp: 108241

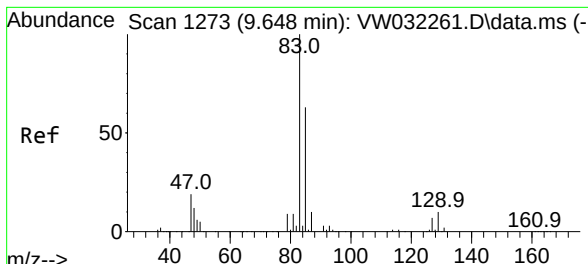
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 86.3 69.0 103.6





#47

Bromodichloromethane

Concen: 50.329 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

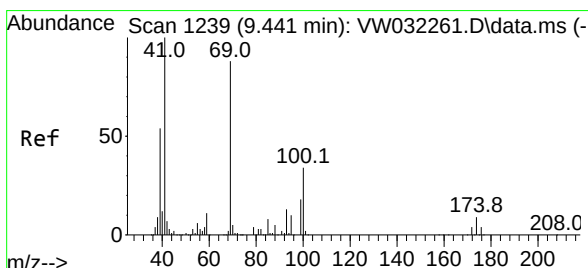
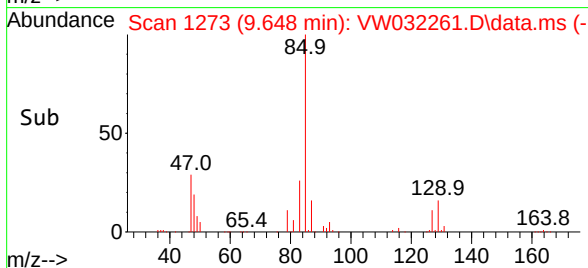
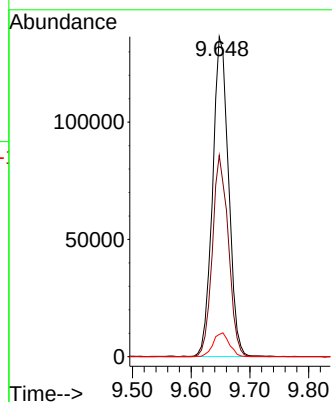
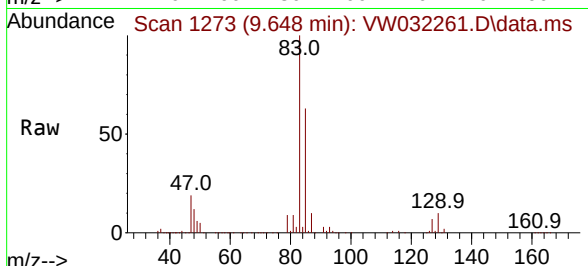
Tgt Ion: 83 Resp: 257273

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

127 7.0 5.6 8.4



#48

Methyl methacrylate

Concen: 49.620 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

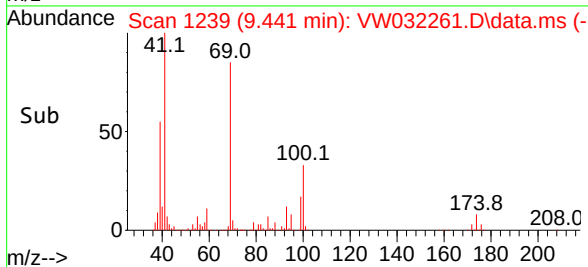
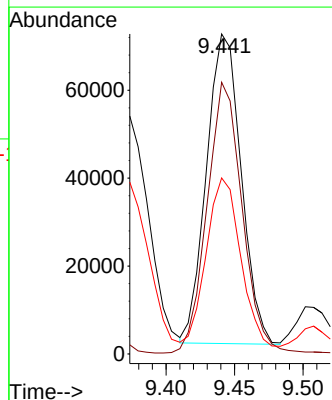
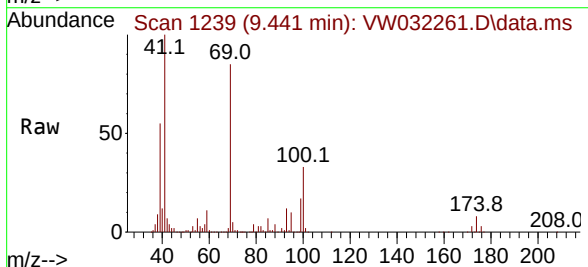
Tgt Ion: 41 Resp: 123924

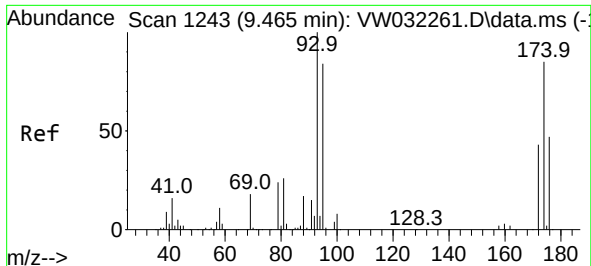
Ion Ratio Lower Upper

41 100

69 89.2 71.4 107.0

39 58.6 46.9 70.3





#49

1,4-Dioxane

Concen: 1000.100 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

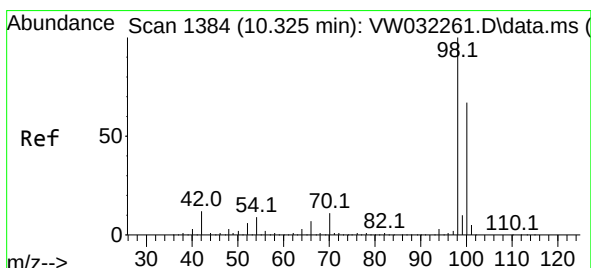
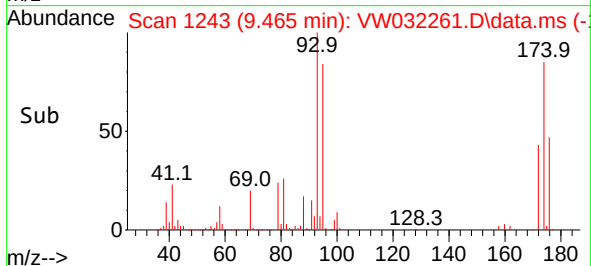
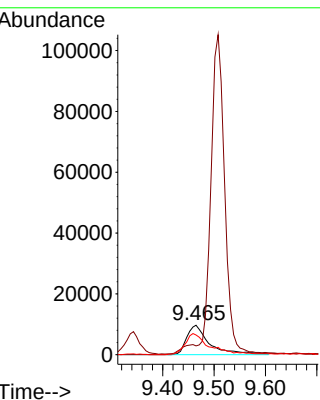
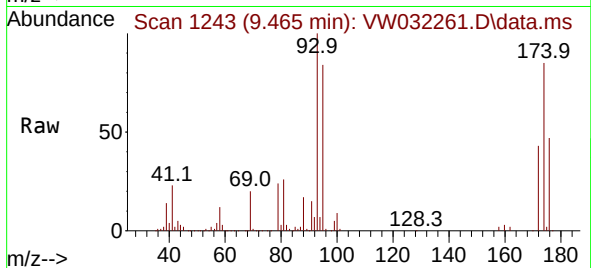
Tgt Ion: 88 Resp: 30020

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.6 62.9 94.3



#50

Toluene-d8

Concen: 48.312 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032261.D

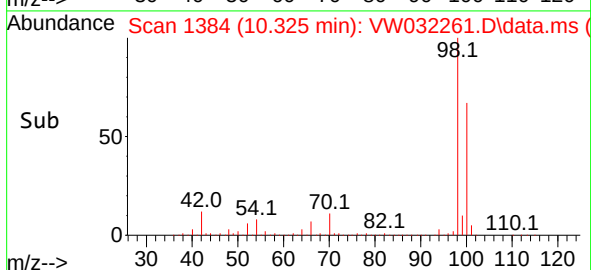
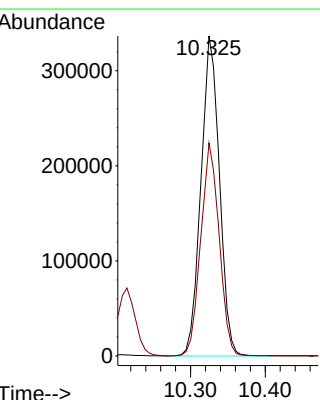
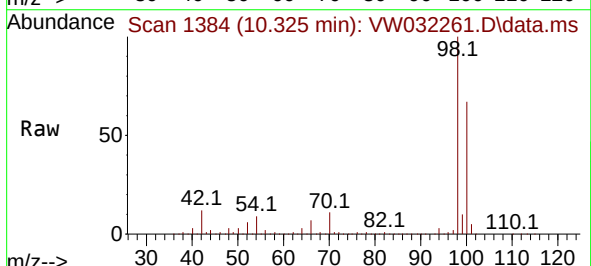
Acq: 25 Sep 2025 12:24

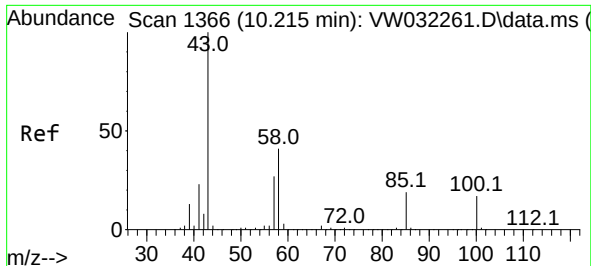
Tgt Ion: 98 Resp: 577472

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

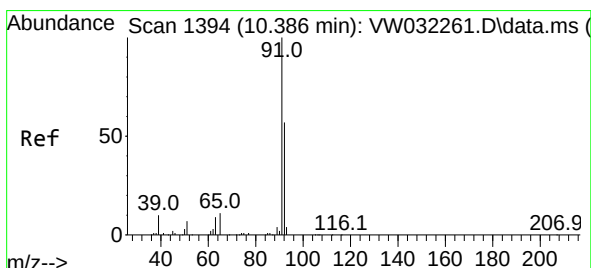
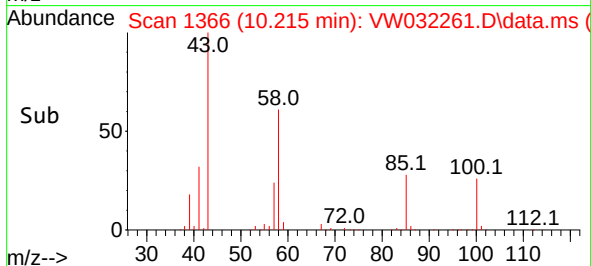
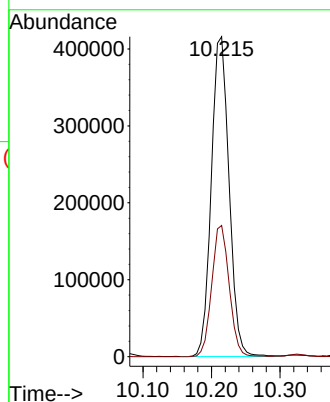
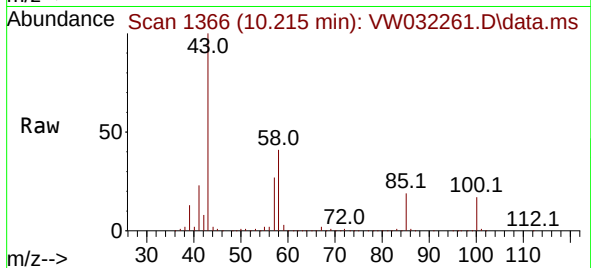




#51
4-Methyl-2-Pentanone
Concen: 237.557 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

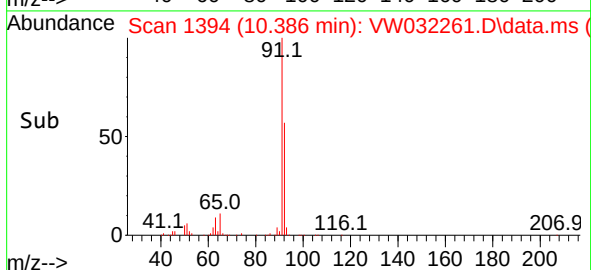
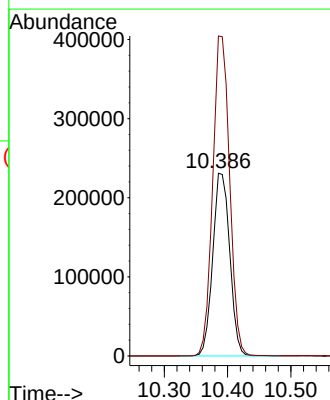
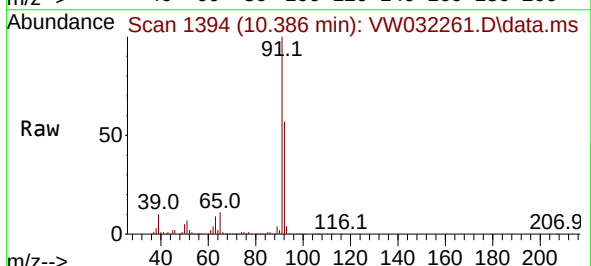
Instrument :
MSVOA_W
ClientSampleId :

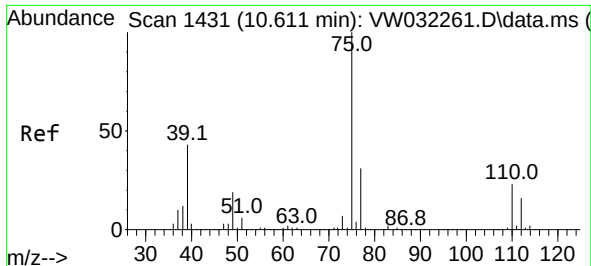
Tgt Ion: 43 Resp: 747705
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5



#52
Toluene
Concen: 49.529 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 92 Resp: 432072
Ion Ratio Lower Upper
92 100
91 174.0 139.2 208.8

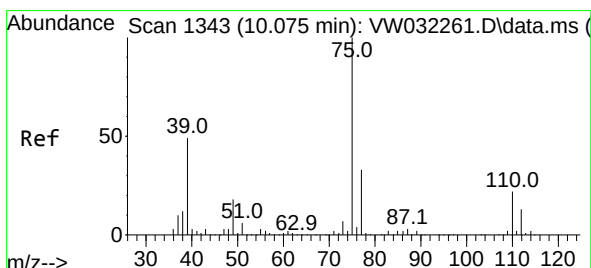
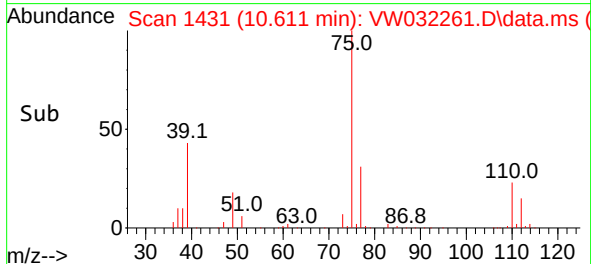
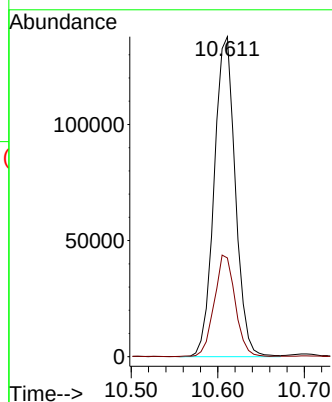
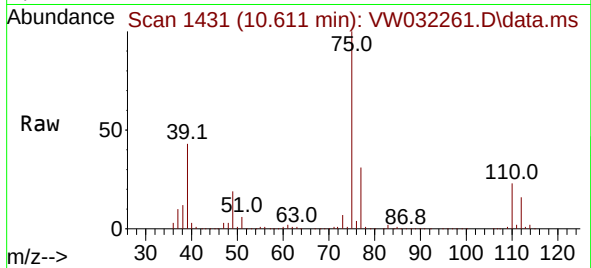




#53
 t-1,3-Dichloropropene
 Concen: 49.964 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

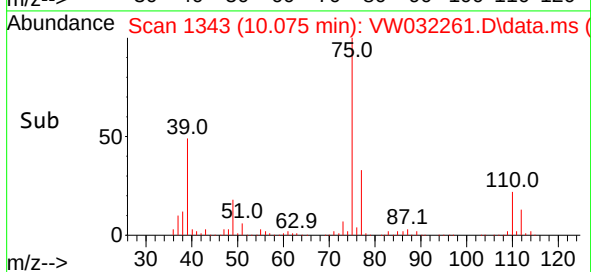
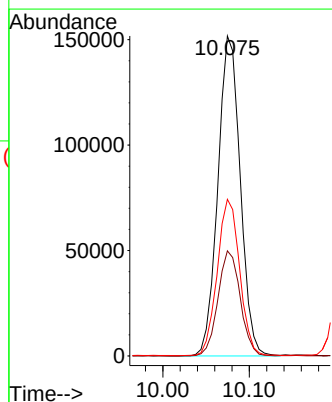
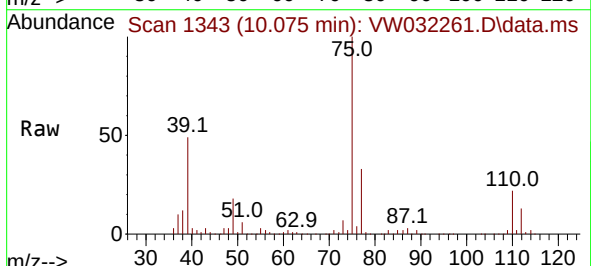
Instrument :
 MSVOA_W
 ClientSampleId :

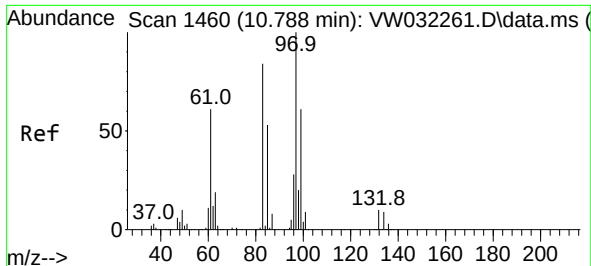
Tgt Ion: 75 Resp: 234010
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.355 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 272276
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.2 39.4
 39 48.8 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 47.606 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 145639

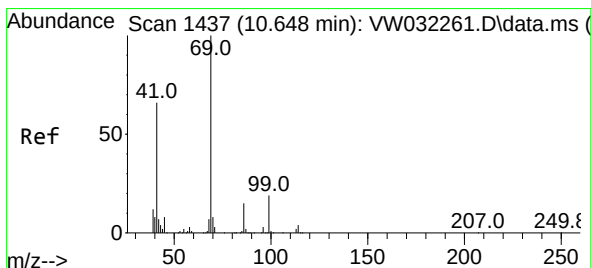
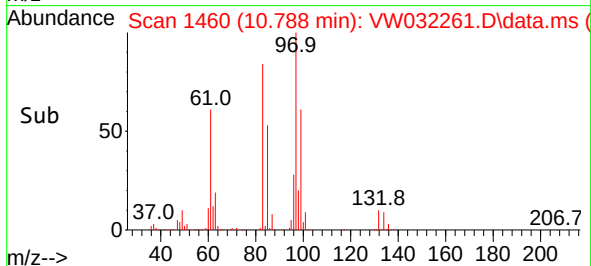
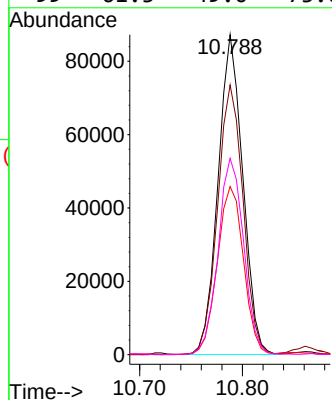
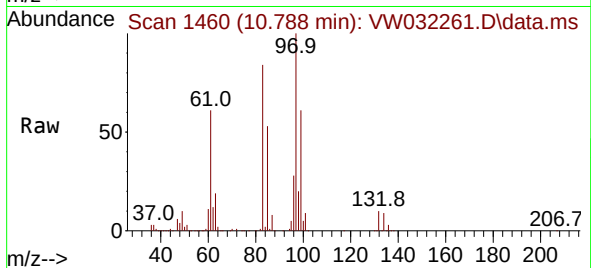
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.2

85 52.5 42.0 63.0

99 61.3 49.0 73.6



#56

Ethyl methacrylate

Concen: 50.082 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

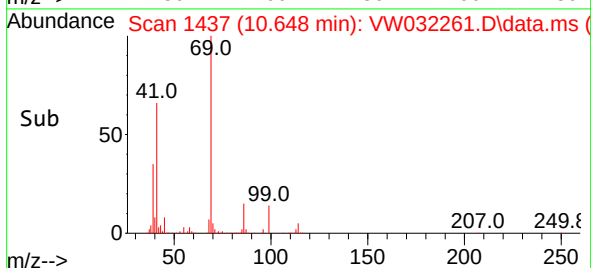
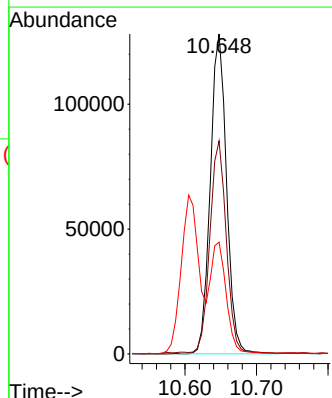
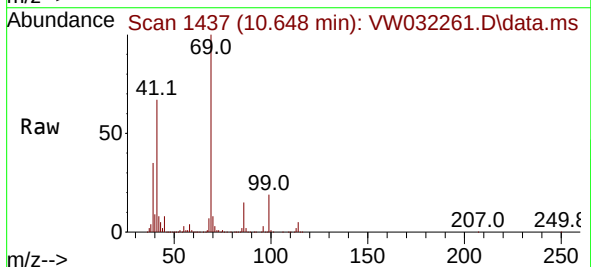
Tgt Ion: 69 Resp: 201819

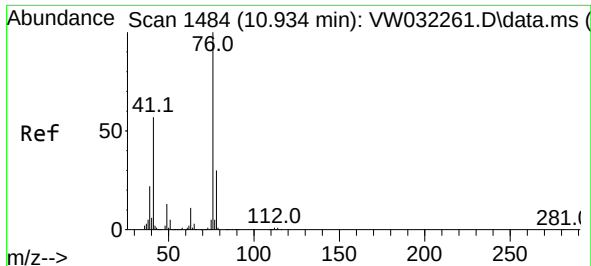
Ion Ratio Lower Upper

69 100

41 68.4 54.7 82.1

39 32.9 26.3 39.5

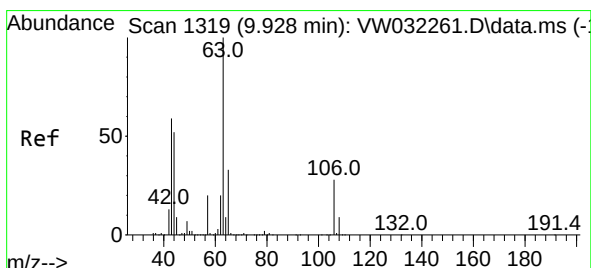
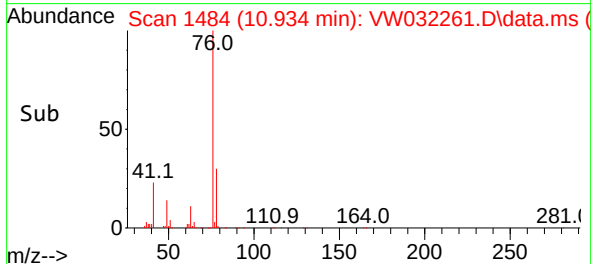
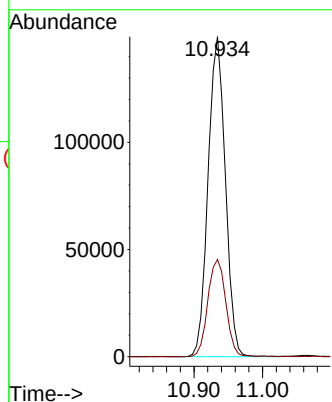
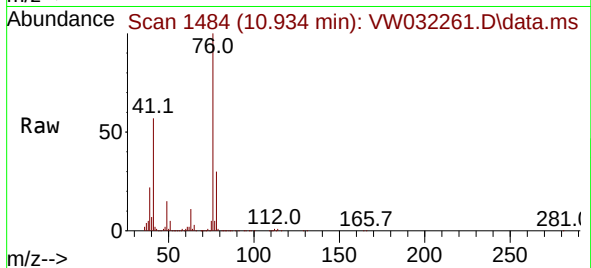




#57
1,3-Dichloropropane
Concen: 49.590 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

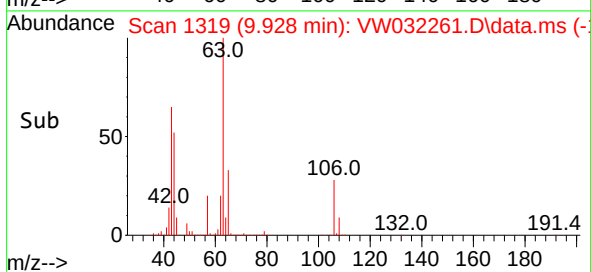
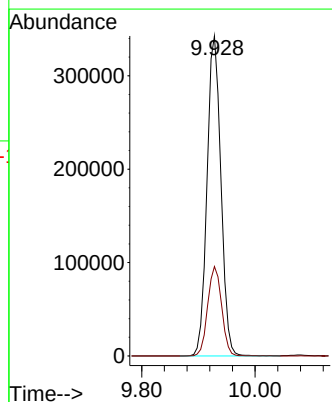
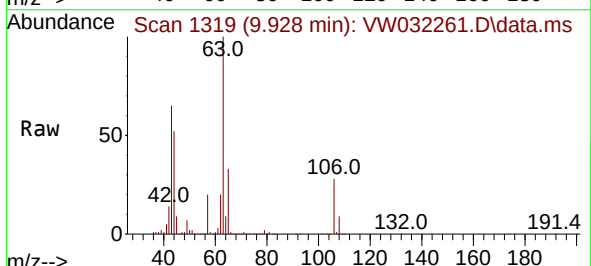
Instrument :
MSVOA_W
ClientSampleId :

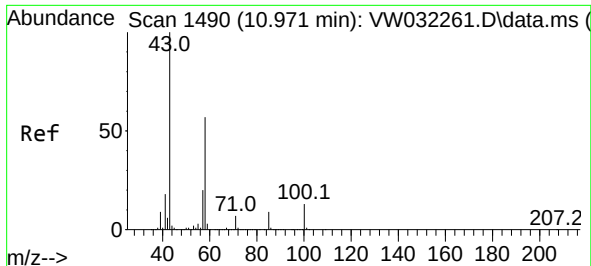
Tgt Ion: 76 Resp: 262086
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 262.662 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 63 Resp: 581038
Ion Ratio Lower Upper
63 100
106 28.1 22.5 33.7

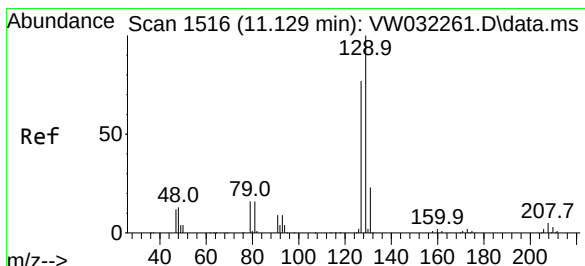
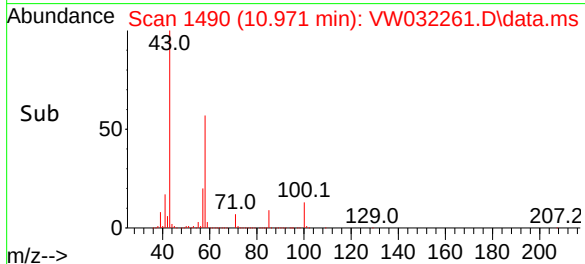
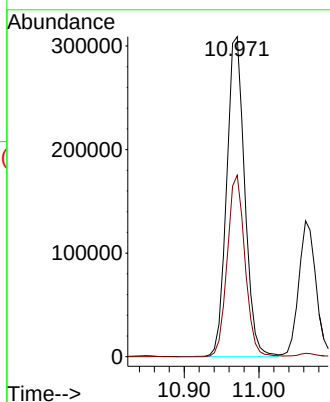
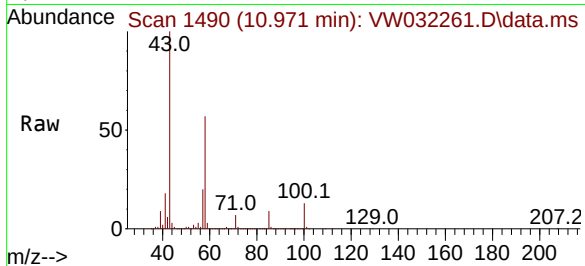




#59
2-Hexanone
Concen: 241.448 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

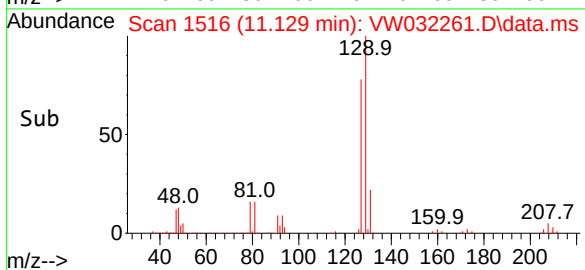
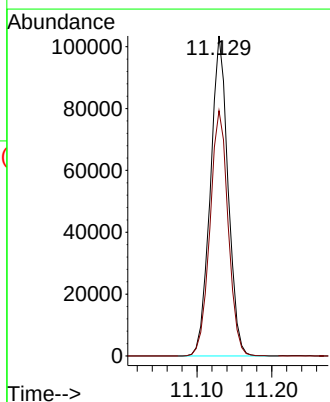
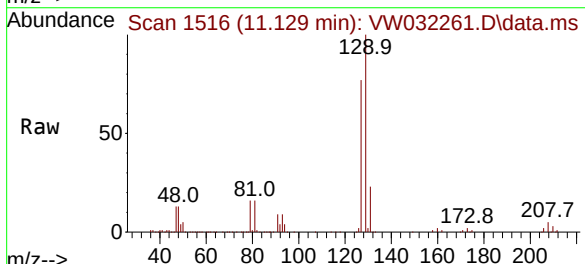
Instrument :
MSVOA_W
ClientSampleId :

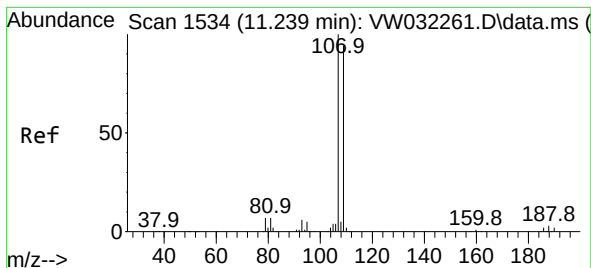
Tgt Ion: 43 Resp: 518965
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6



#60
Dibromochloromethane
Concen: 50.633 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:129 Resp: 170115
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8

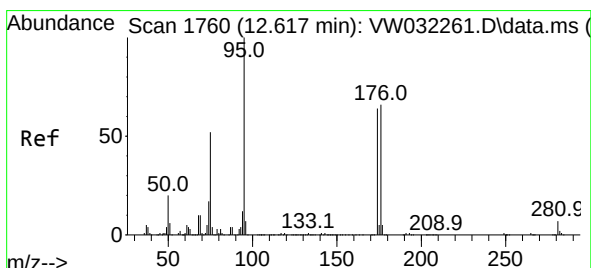
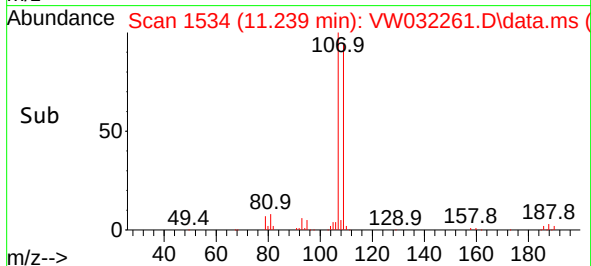
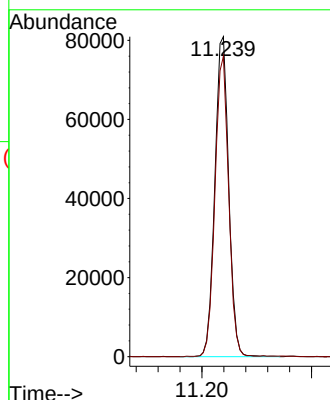
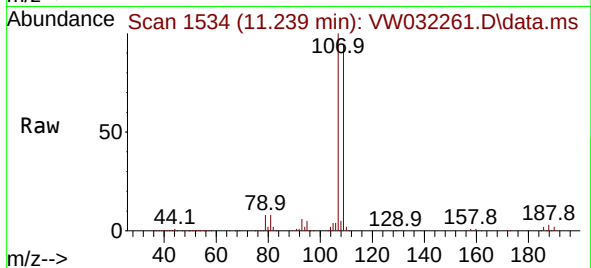




#61
1,2-Dibromoethane
Concen: 48.966 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

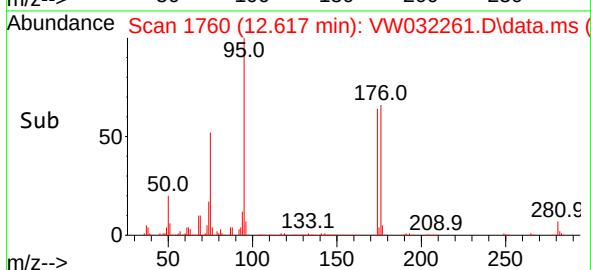
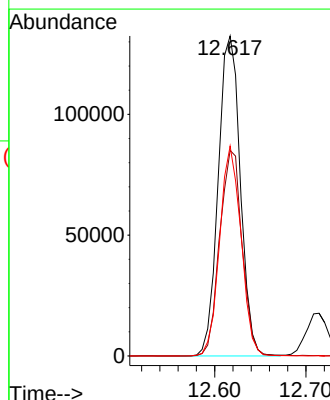
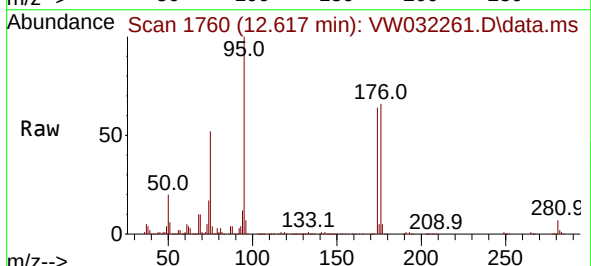
Instrument :
MSVOA_W
ClientSampleId :

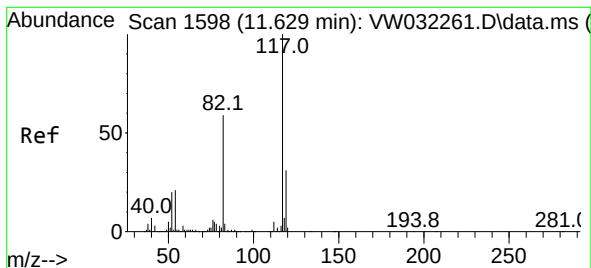
Tgt Ion:107 Resp: 141919
Ion Ratio Lower Upper
107 100
109 92.6 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 95 Resp: 222382
Ion Ratio Lower Upper
95 100
174 65.3 0.0 130.6
176 63.5 0.0 127.0

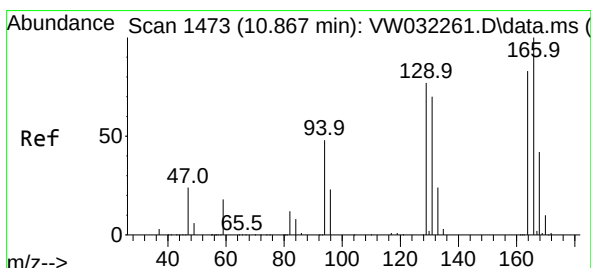
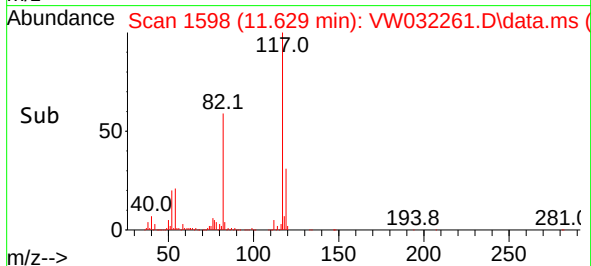
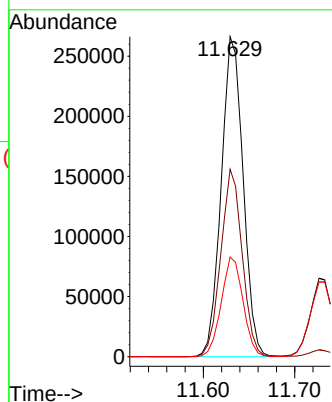
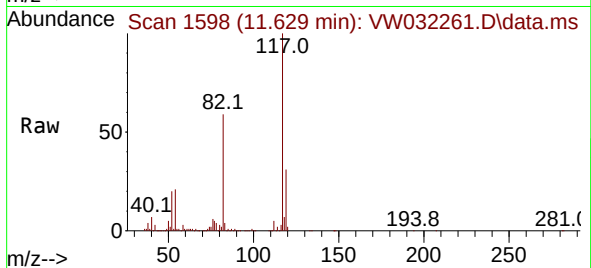




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

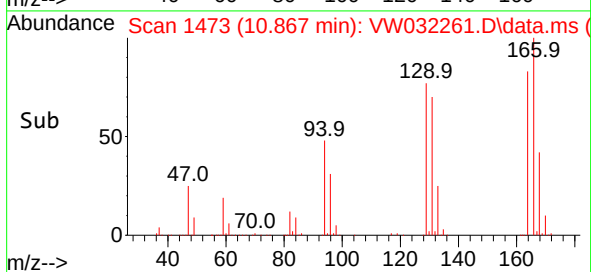
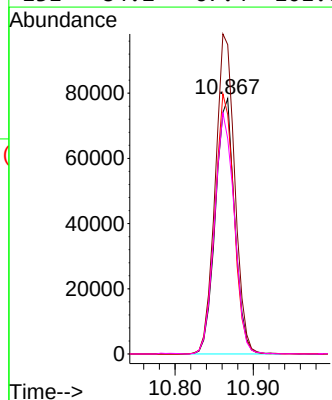
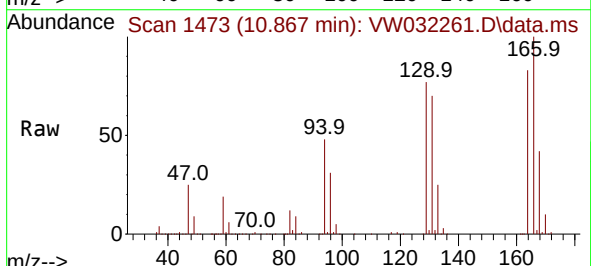
Instrument :
MSVOA_W
ClientSampleId :

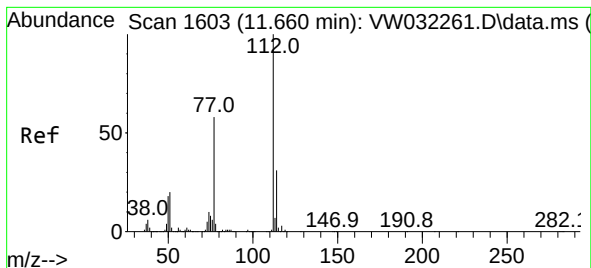
Tgt Ion:117 Resp: 443387
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 31.1 24.9 37.3



#64
Tetrachloroethene
Concen: 49.455 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:164 Resp: 133631
Ion Ratio Lower Upper
164 100
166 121.1 96.9 145.3
129 93.7 75.0 112.4
131 84.2 67.4 101.0





#65

Chlorobenzene

Concen: 48.890 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

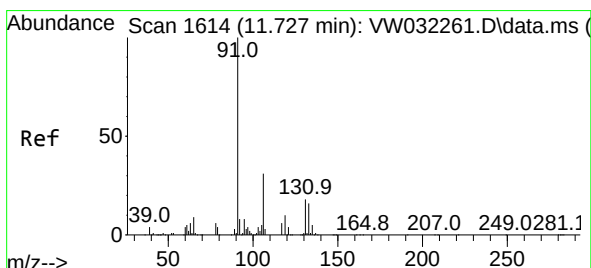
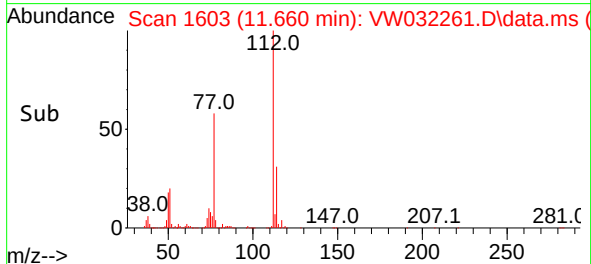
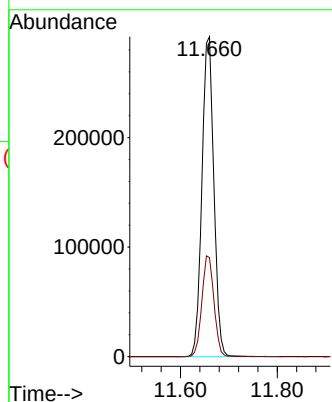
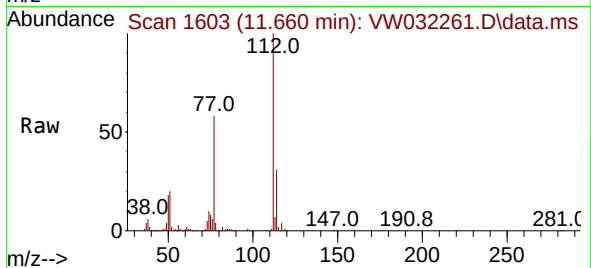
ClientSampleId :

Tgt Ion:112 Resp: 499320

Ion Ratio Lower Upper

112 100

114 31.0 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 49.447 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

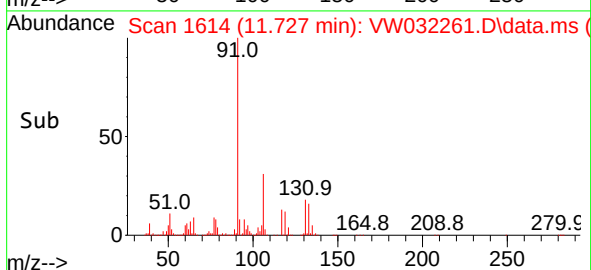
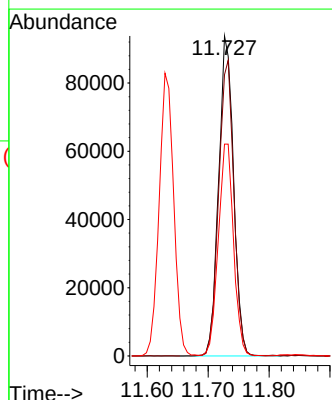
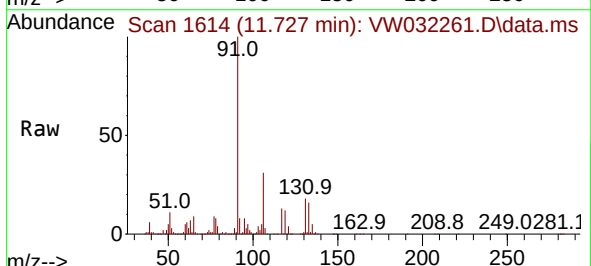
Tgt Ion:131 Resp: 159711

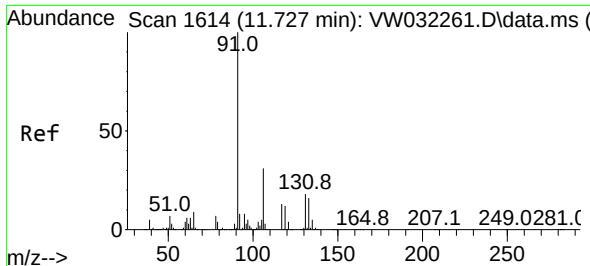
Ion Ratio Lower Upper

131 100

133 94.2 47.1 141.3

119 67.8 33.9 101.7

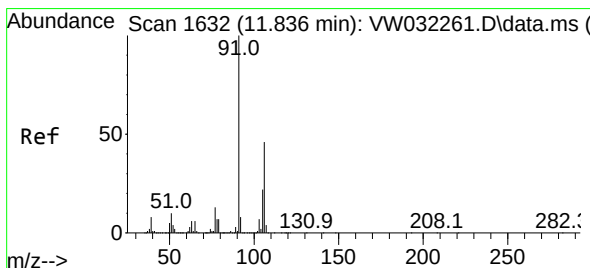
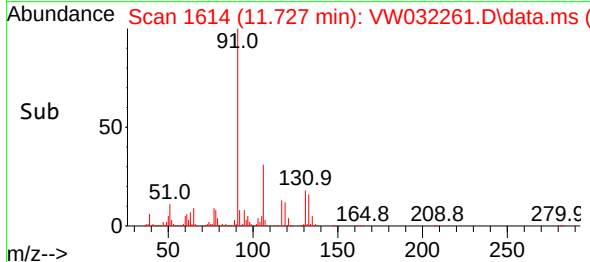
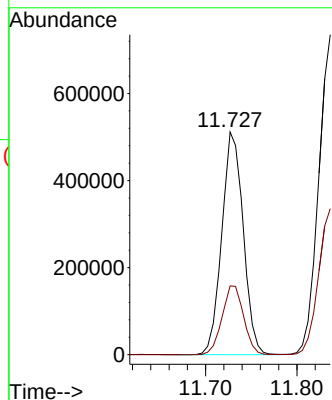
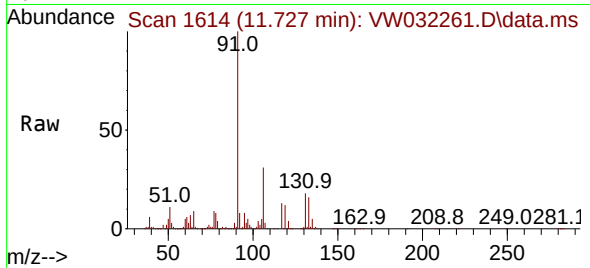




#67
Ethyl Benzene
Concen: 49.923 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

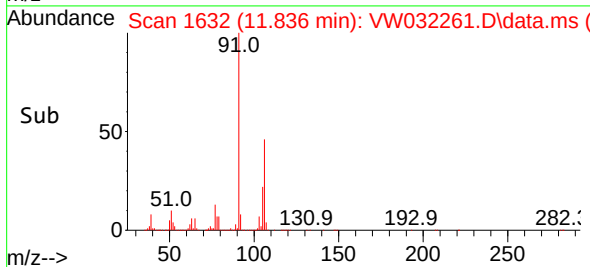
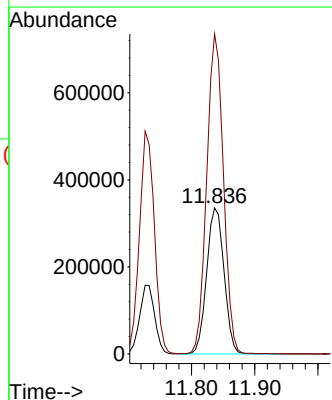
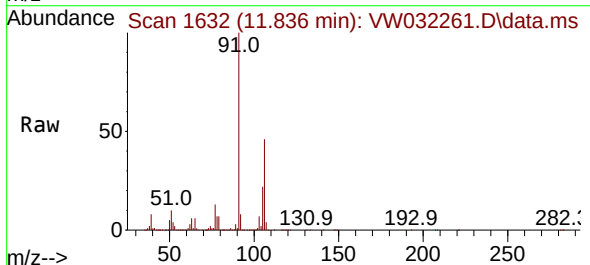
Instrument :
MSVOA_W
ClientSampleId :

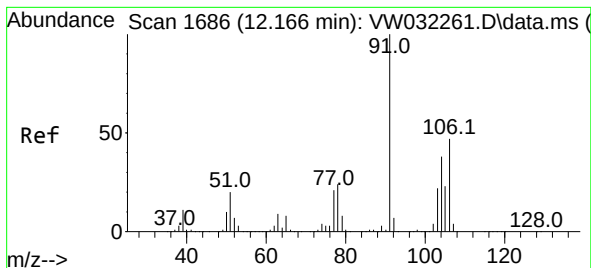
Tgt Ion: 91 Resp: 834567
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 99.765 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 106 Resp: 639320
Ion Ratio Lower Upper
106 100
91 211.2 169.0 253.4

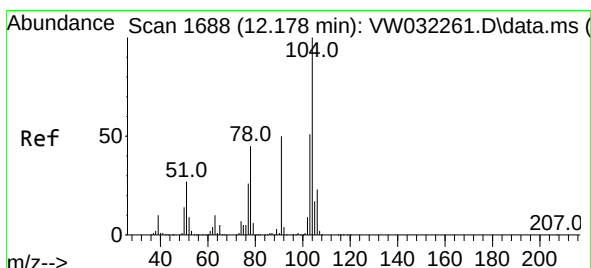
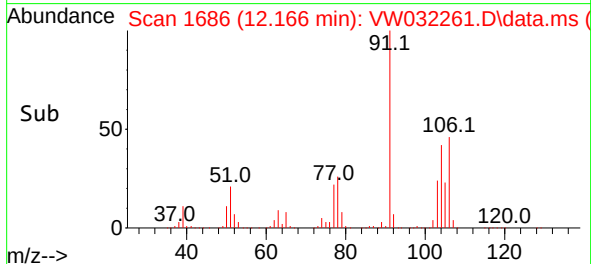
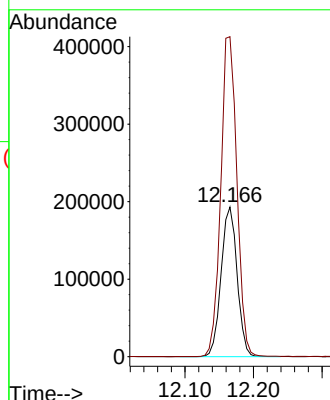
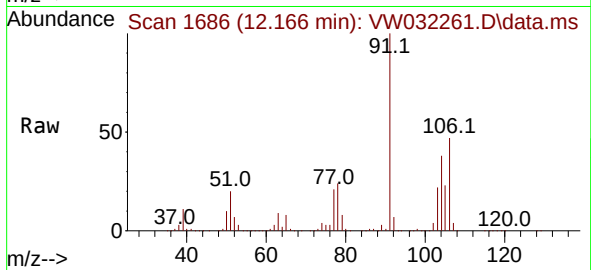




#69
o-Xylene
Concen: 51.830 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

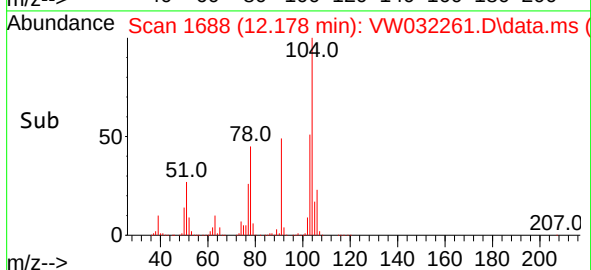
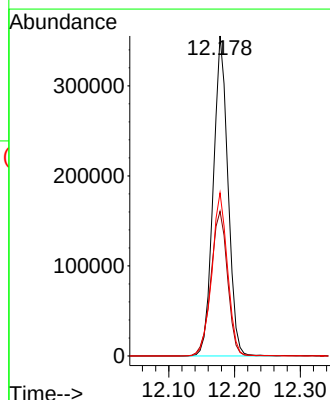
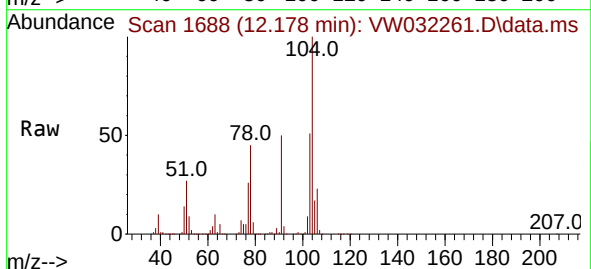
Instrument :
MSVOA_W
ClientSampleId :

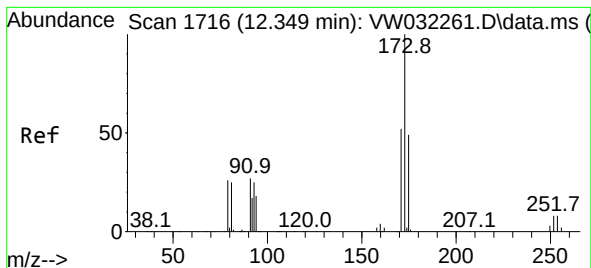
Tgt Ion:106 Resp: 312144
Ion Ratio Lower Upper
106 100
91 215.7 107.8 323.6



#70
Styrene
Concen: 52.353 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:104 Resp: 552922
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 54.3 43.4 65.2





#71

Bromoform

Concen: 49.493 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

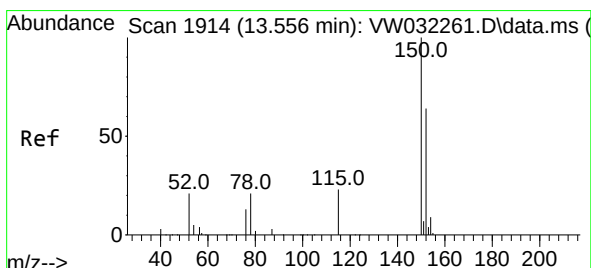
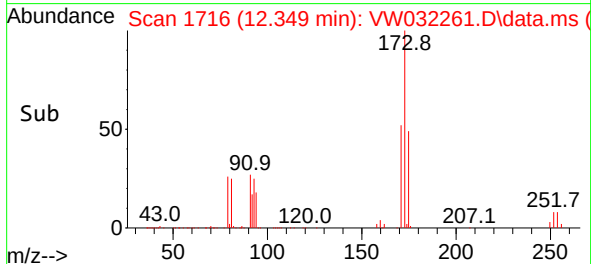
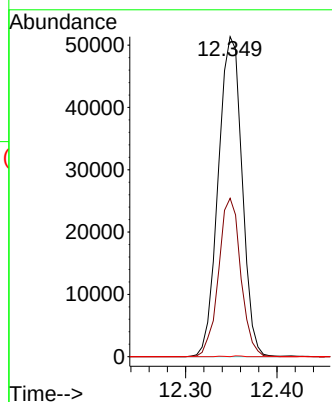
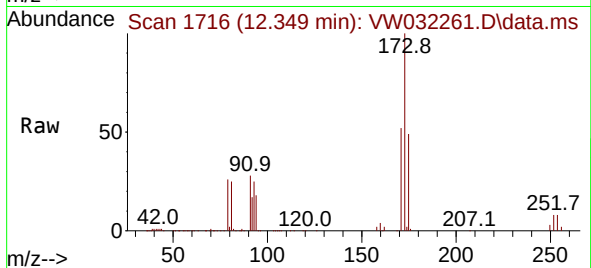
Tgt Ion:173 Resp: 93158

Ion Ratio Lower Upper

173 100

175 46.1 23.1 69.2

254 0.1 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: VW032261.D

Acq: 25 Sep 2025 12:24

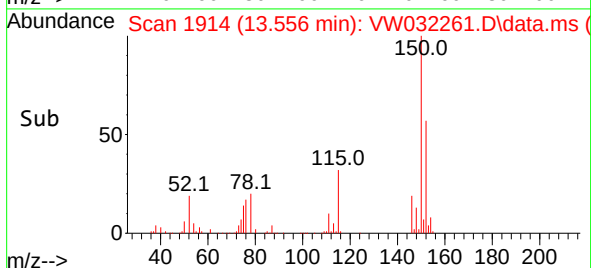
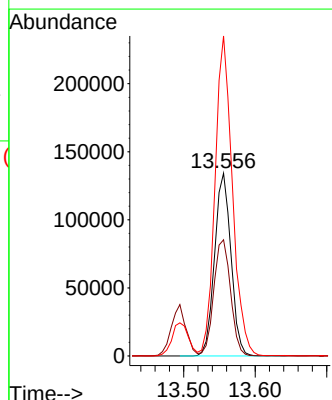
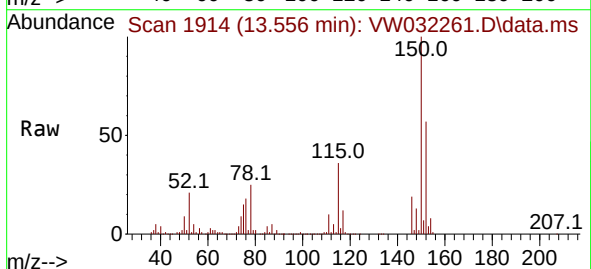
Tgt Ion:152 Resp: 213560

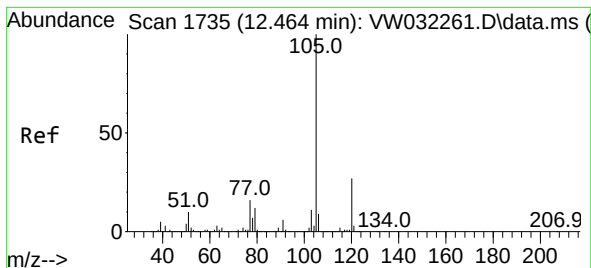
Ion Ratio Lower Upper

152 100

115 65.0 32.5 97.5

150 185.1 0.0 370.2

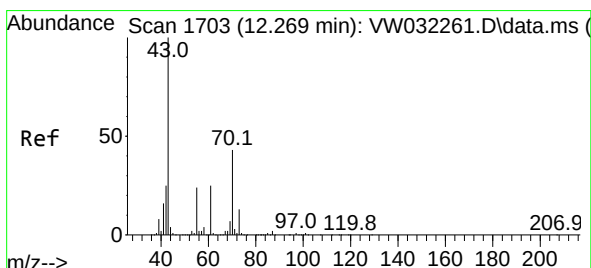
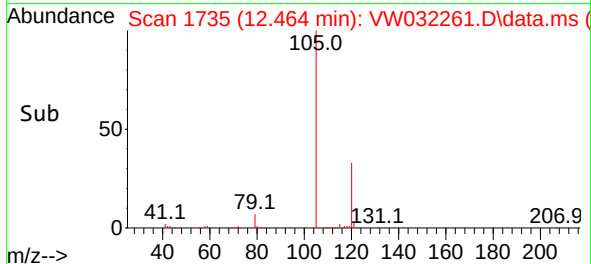
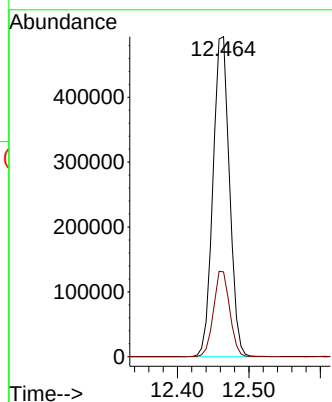
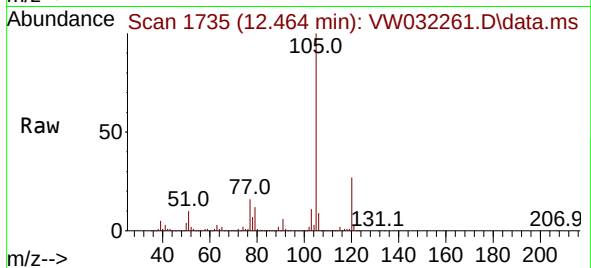




#73
Isopropylbenzene
Concen: 53.222 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

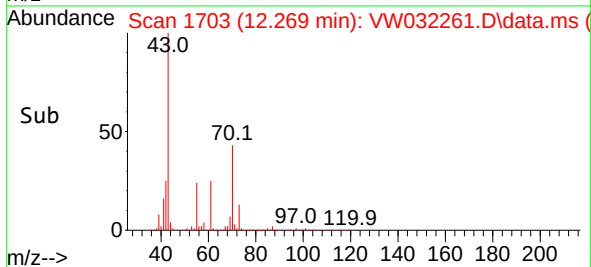
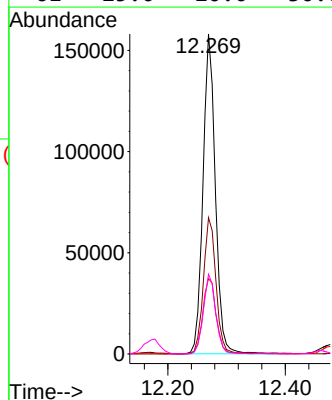
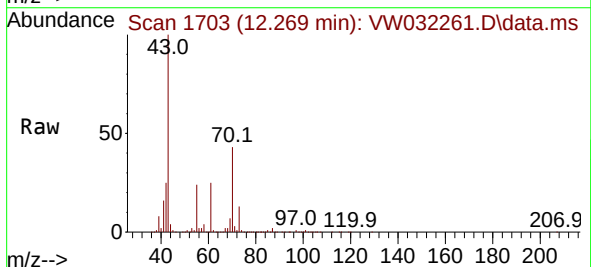
Instrument :
MSVOA_W
ClientSampleId :

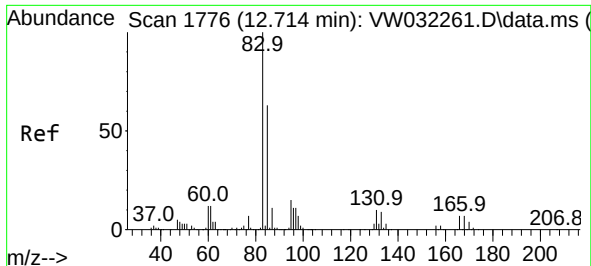
Tgt Ion:105 Resp: 791099
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 49.357 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 231039
Ion Ratio Lower Upper
43 100
70 43.7 35.0 52.4
55 25.8 20.6 31.0
61 25.0 20.0 30.0

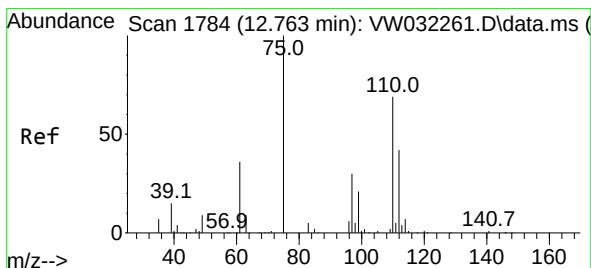
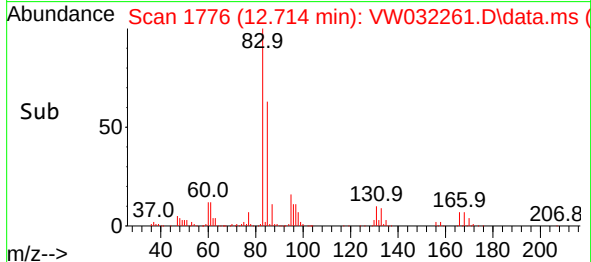
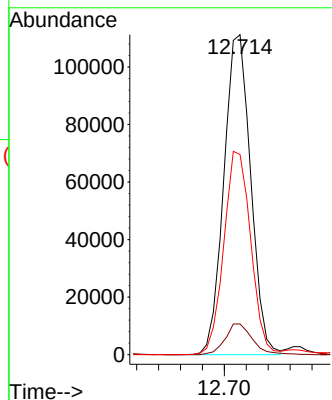
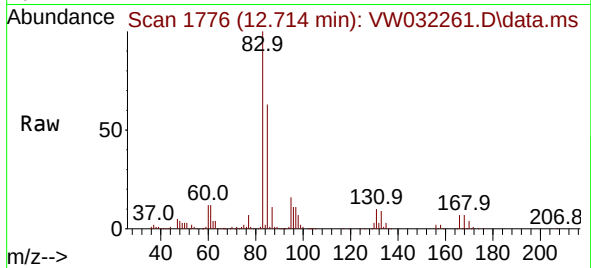




#75
1,1,2,2-Tetrachloroethane
Concen: 48.542 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

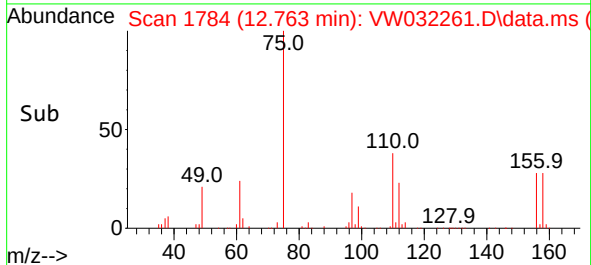
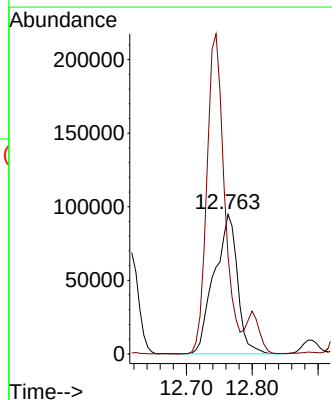
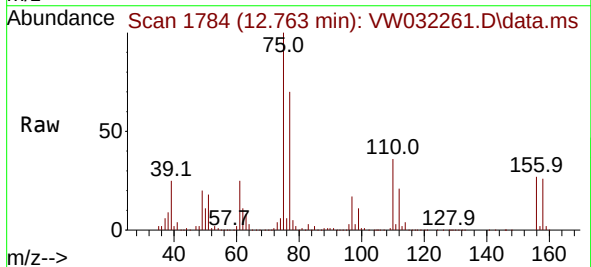
Instrument :
MSVOA_W
ClientSampleId :

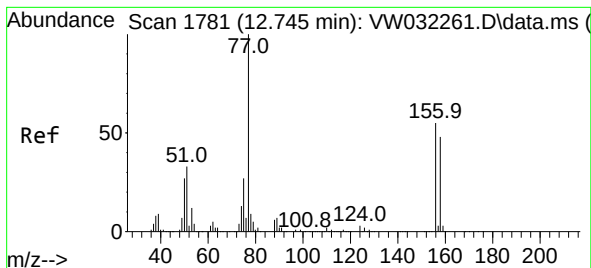
Tgt Ion: 83 Resp: 189180
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.370 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 232992
Ion Ratio Lower Upper
75 100
77 173.5 140.9 422.7

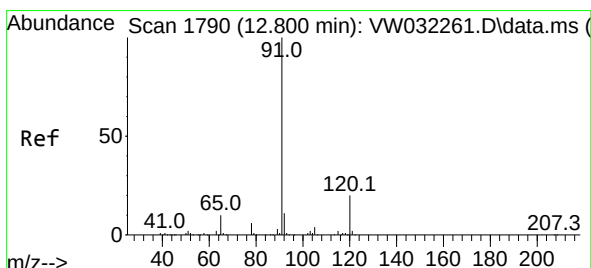
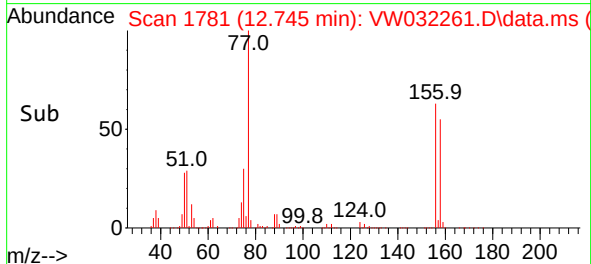
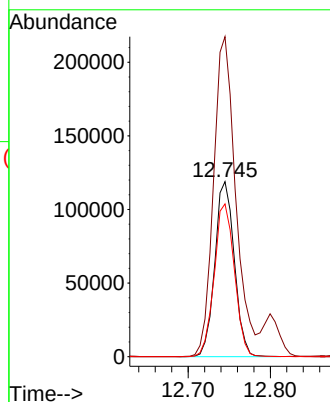
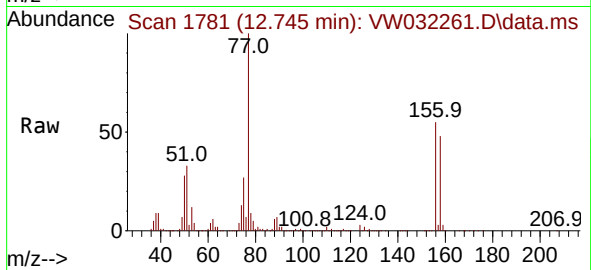




#77
Bromobenzene
Concen: 53.552 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

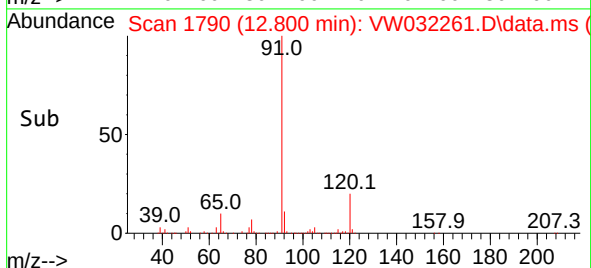
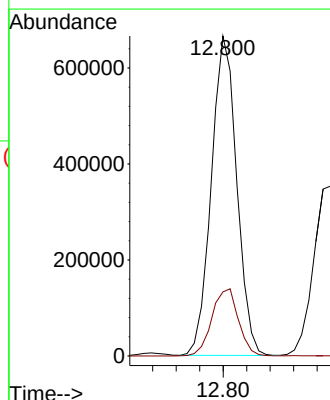
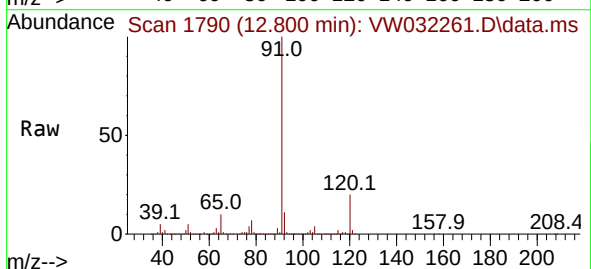
Instrument :
MSVOA_W
ClientSampleId :

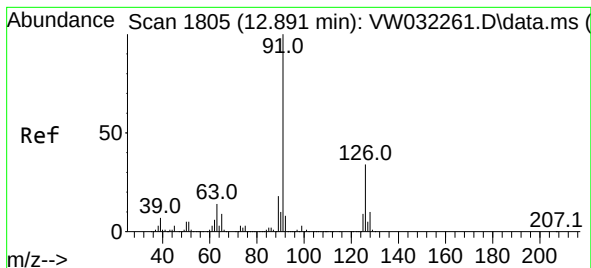
Tgt Ion:156 Resp: 195785
Ion Ratio Lower Upper
156 100
77 206.5 103.3 309.8
158 90.8 45.4 136.2



#78
n-propylbenzene
Concen: 53.593 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 1000628
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.9

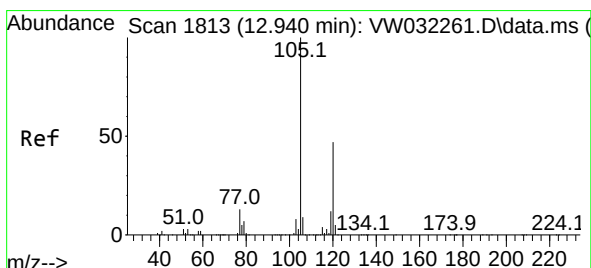
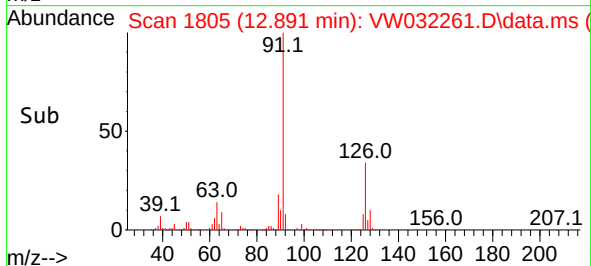
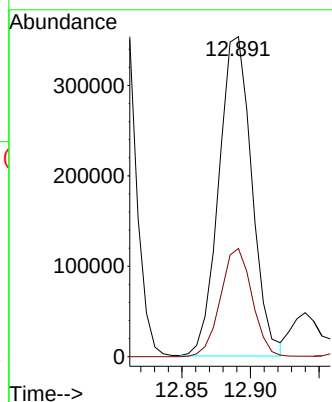
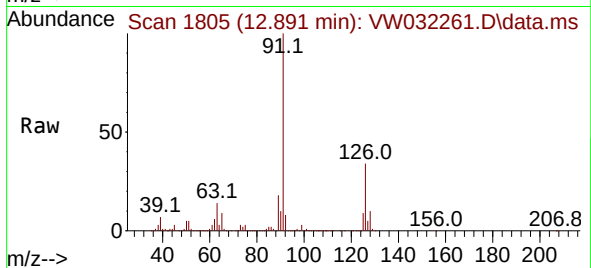




#79
2-Chlorotoluene
Concen: 52.428 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

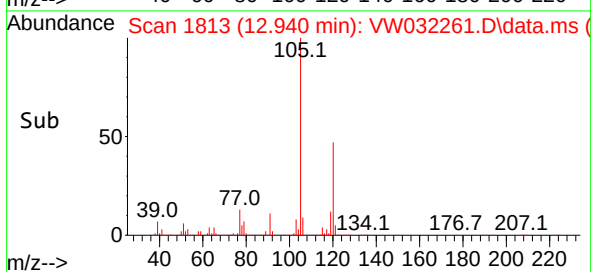
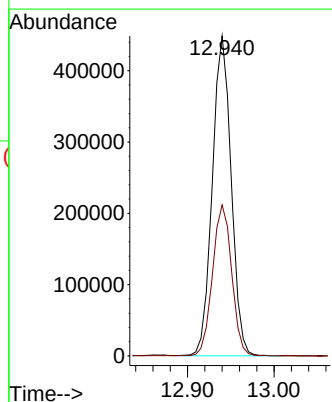
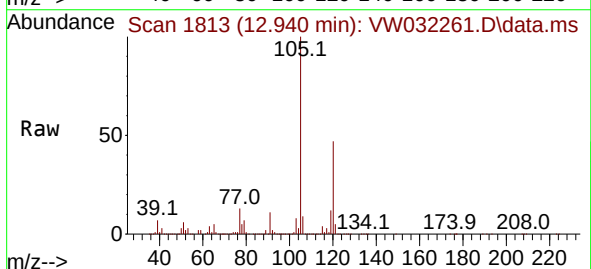
Instrument :
MSVOA_W
ClientSampleId :

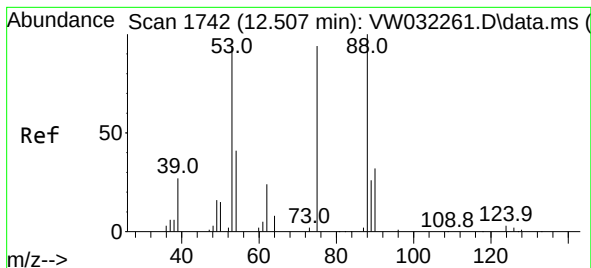
Tgt Ion: 91 Resp: 592976
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.361 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 105 Resp: 678131
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.2

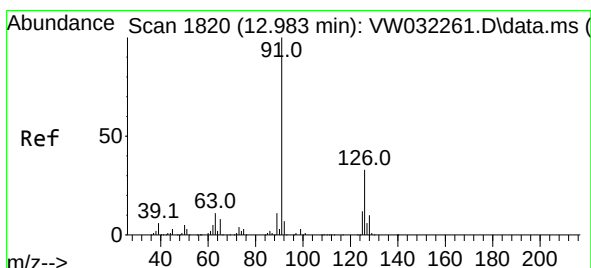
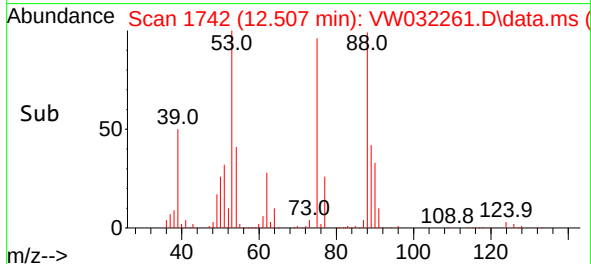
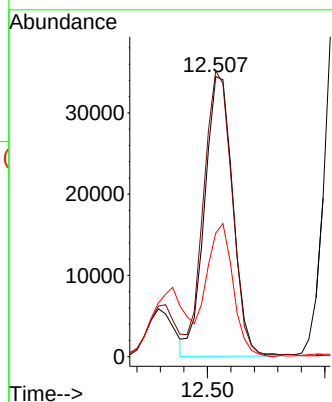
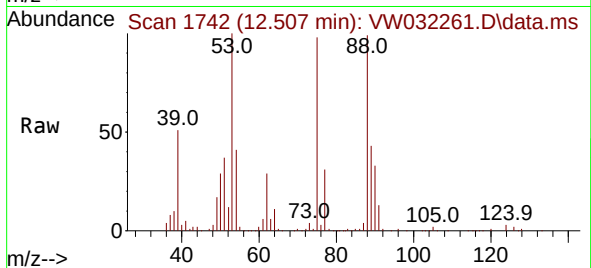




#81
trans-1,4-Dichloro-2-butene
Concen: 50.954 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

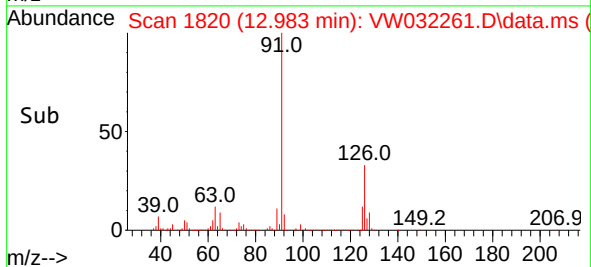
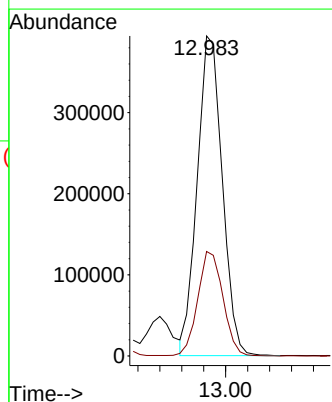
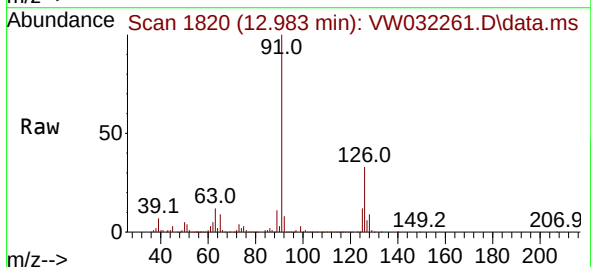
Instrument :
MSVOA_W
ClientSampleId :

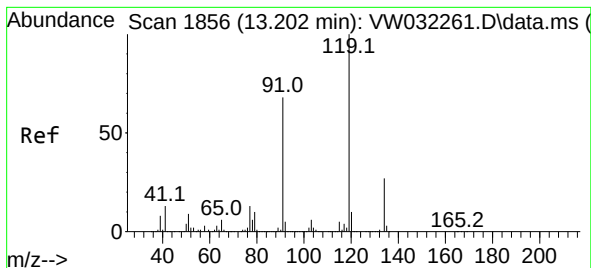
Tgt Ion: 75 Resp: 57637
Ion Ratio Lower Upper
75 100
53 101.8 81.4 122.2
89 44.3 35.4 53.2



#82
4-Chlorotoluene
Concen: 52.316 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 625344
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.587 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

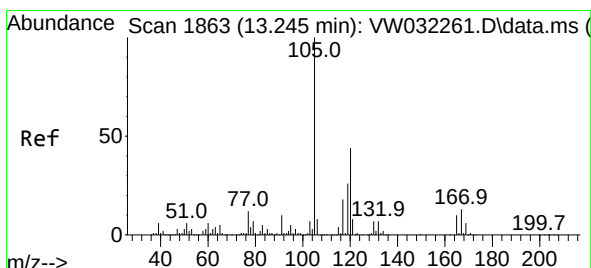
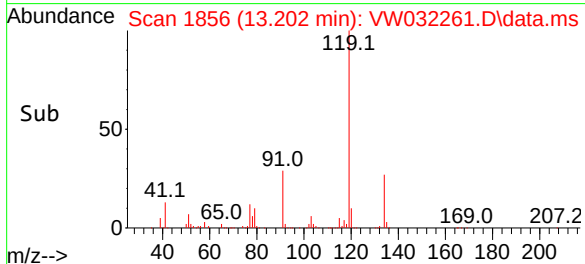
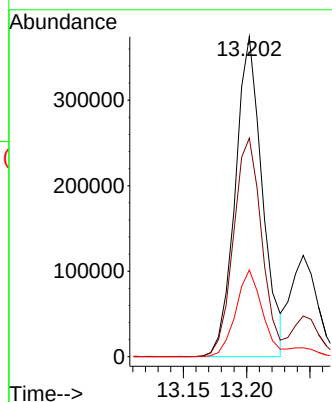
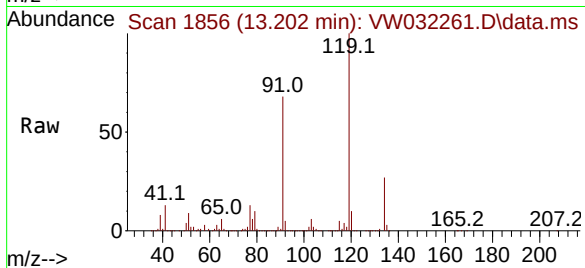
Tgt Ion:119 Resp: 558898

Ion Ratio Lower Upper

119 100

91 71.0 35.5 106.5

134 26.9 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 52.990 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032261.D

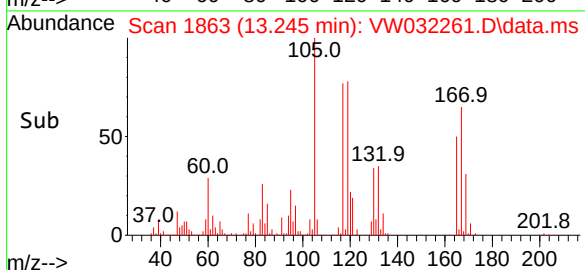
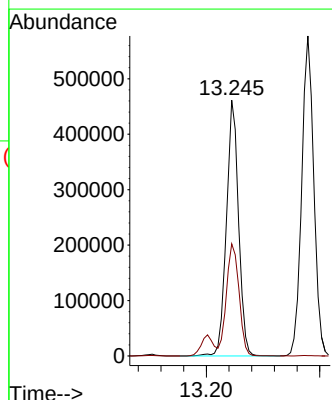
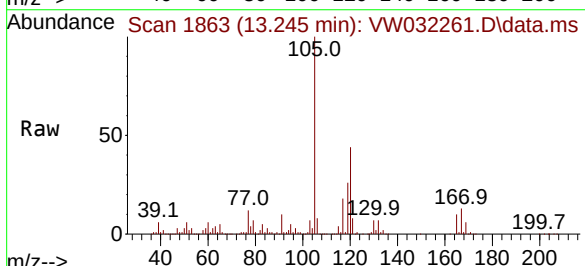
Acq: 25 Sep 2025 12:24

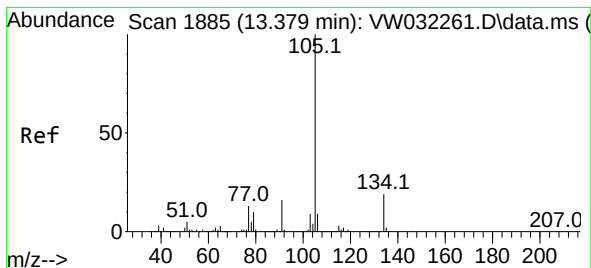
Tgt Ion:105 Resp: 683724

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.372 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

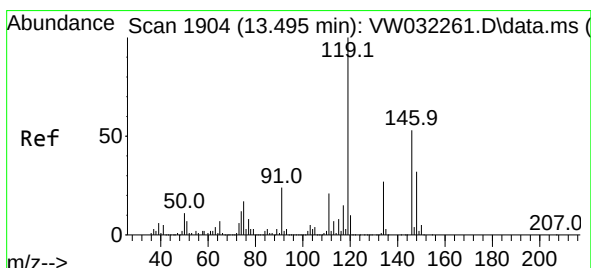
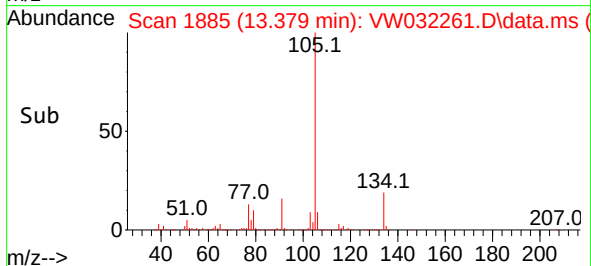
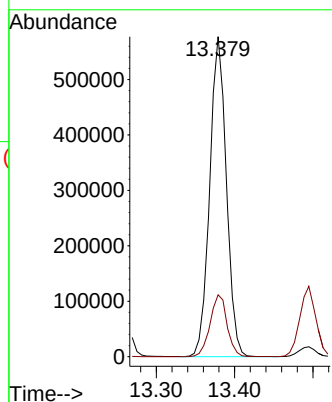
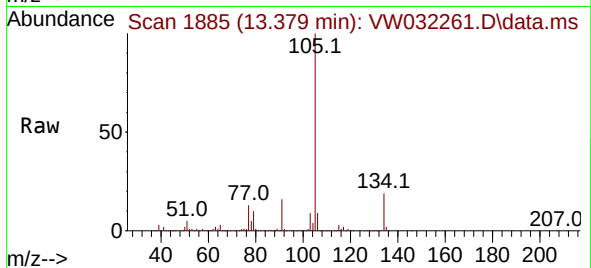
ClientSampleId :

Tgt Ion:105 Resp: 851810

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 54.612 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

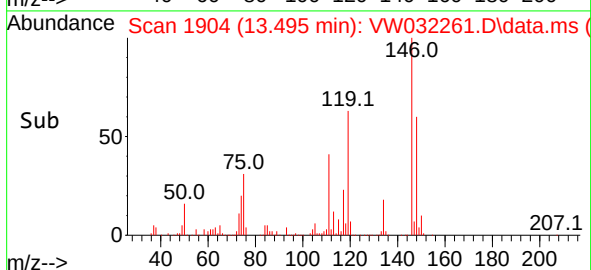
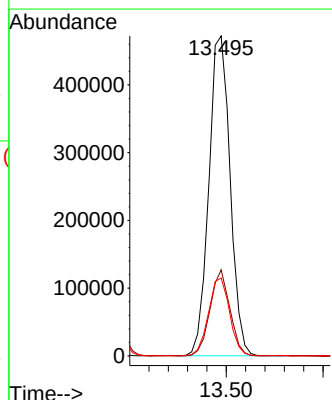
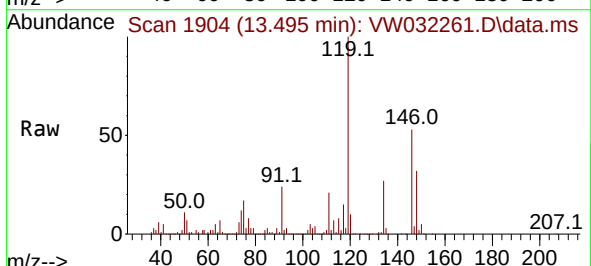
Tgt Ion:119 Resp: 721846

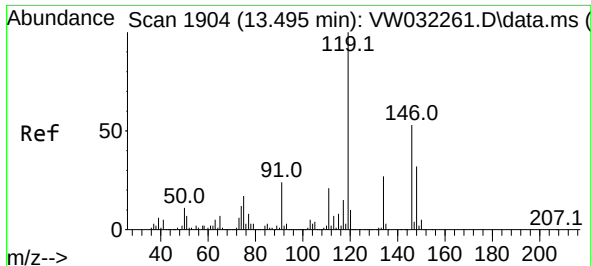
Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.310 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

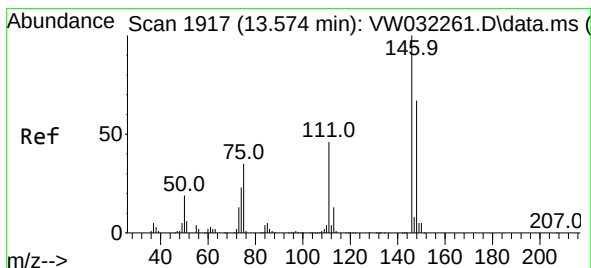
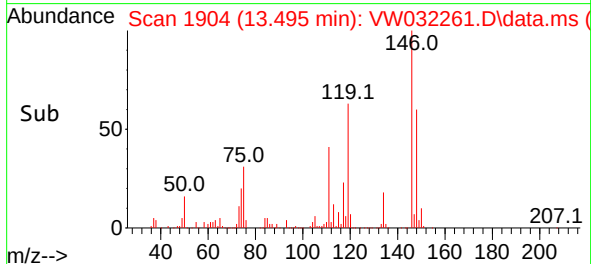
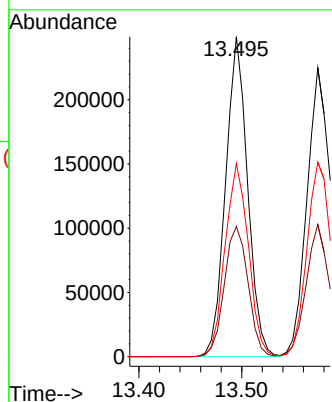
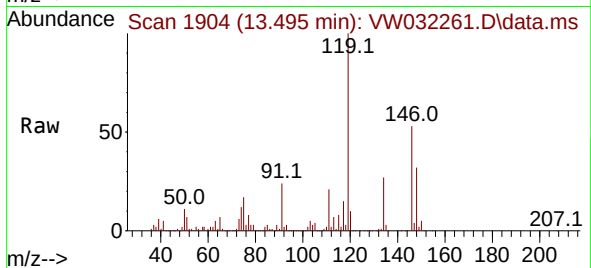
Tgt Ion:146 Resp: 371057

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.381 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

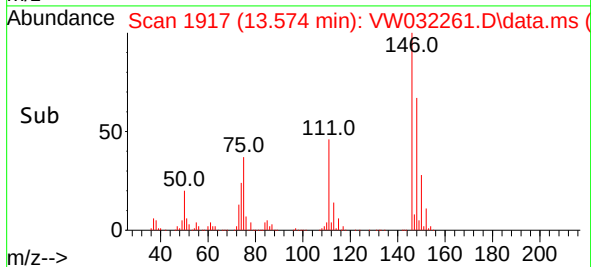
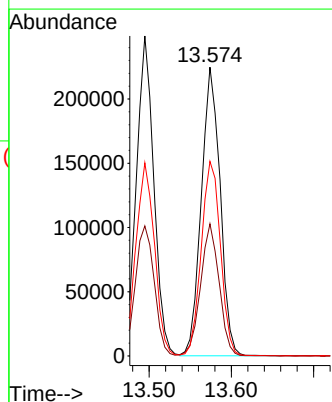
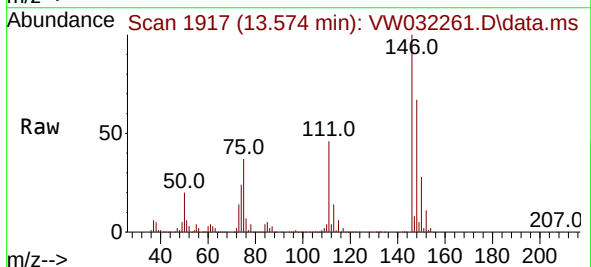
Tgt Ion:146 Resp: 357426

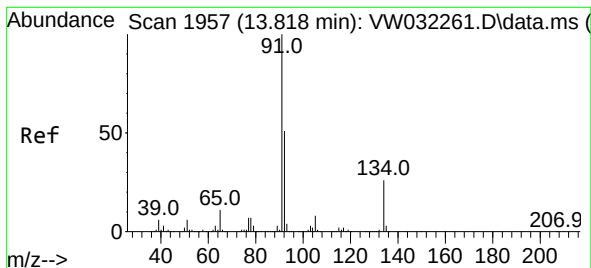
Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.2

148 68.7 34.4 103.1





#89

n-Butylbenzene

Concen: 53.238 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

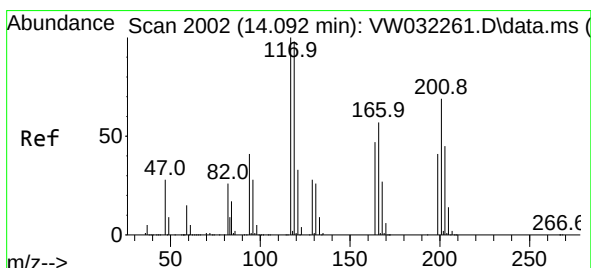
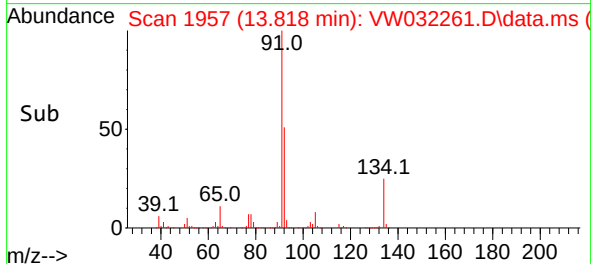
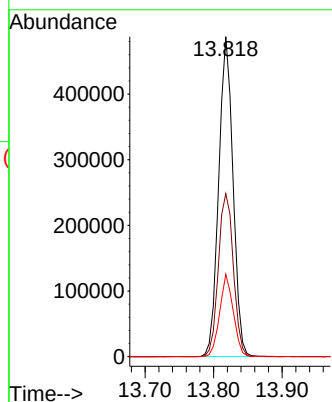
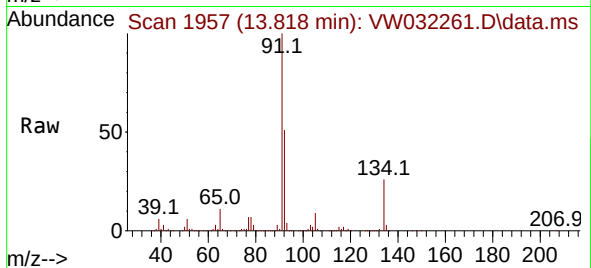
Tgt Ion: 91 Resp: 706203

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.1

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 49.885 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VW032261.D

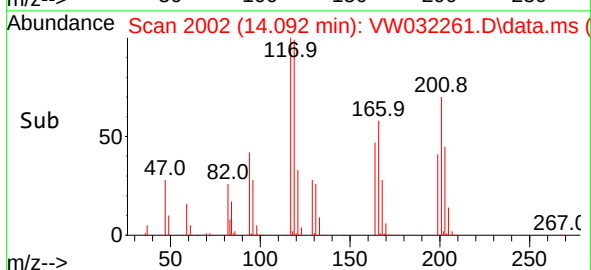
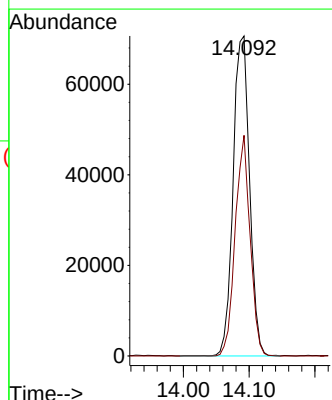
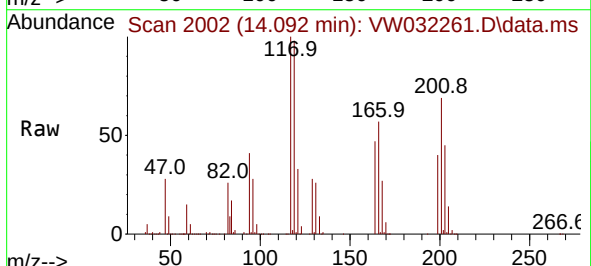
Acq: 25 Sep 2025 12:24

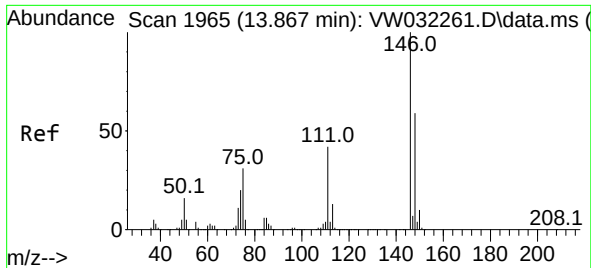
Tgt Ion: 117 Resp: 122891

Ion Ratio Lower Upper

117 100

201 62.7 31.4 94.0

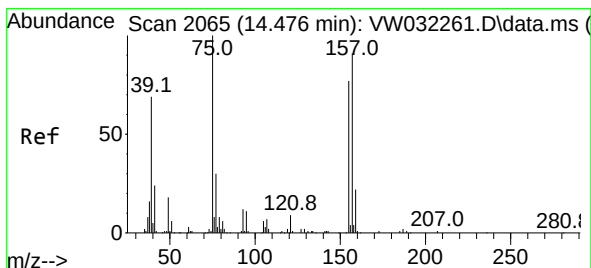
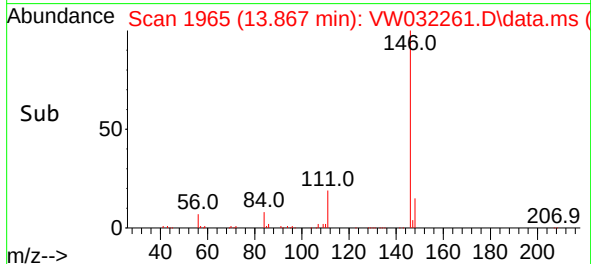
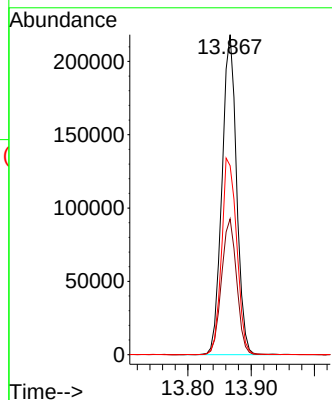
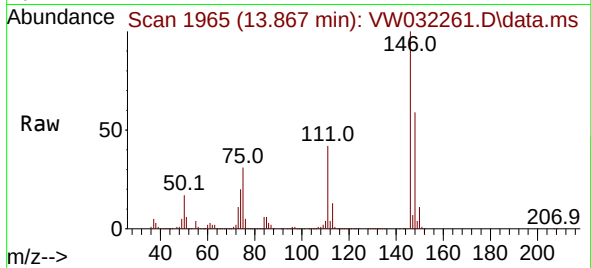




#91
1,2-Dichlorobenzene
Concen: 51.447 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

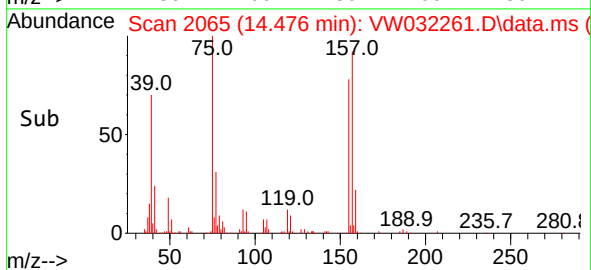
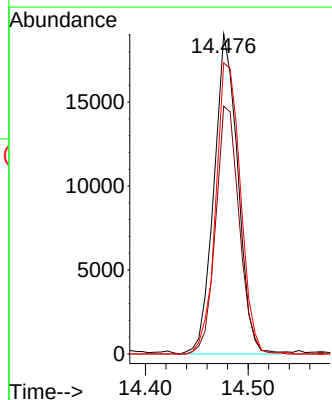
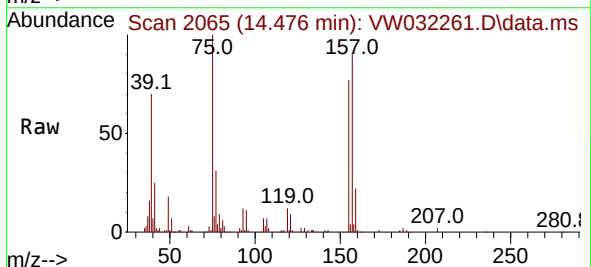
Instrument :
MSVOA_W
ClientSampleId :

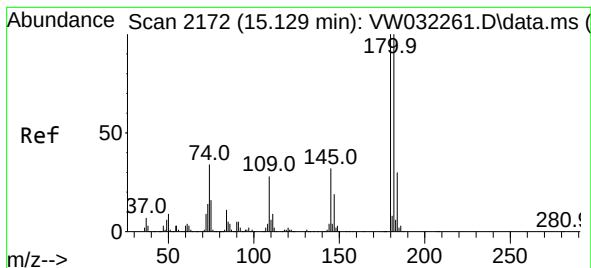
Tgt Ion:146 Resp: 348041
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.8
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.167 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 30775
Ion Ratio Lower Upper
75 100
155 76.4 38.2 114.6
157 94.0 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 51.077 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

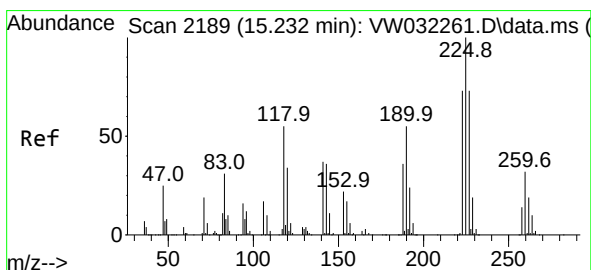
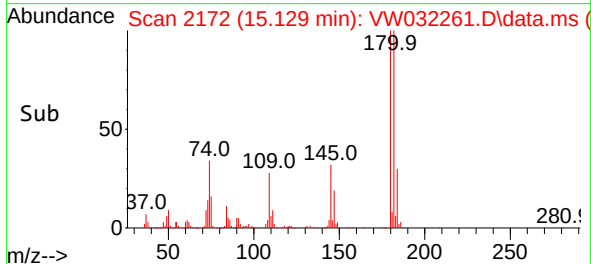
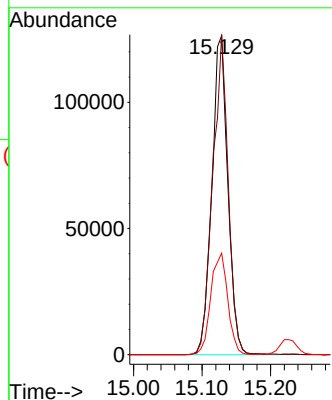
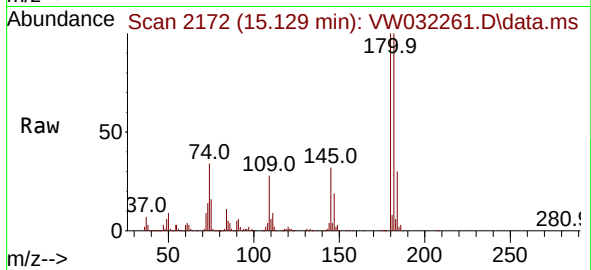
Tgt Ion:180 Resp: 204990

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.3

145 33.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 45.350 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032261.D

Acq: 25 Sep 2025 12:24

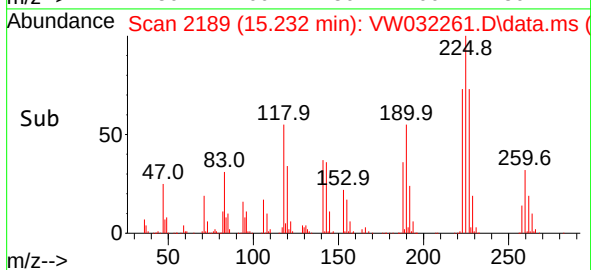
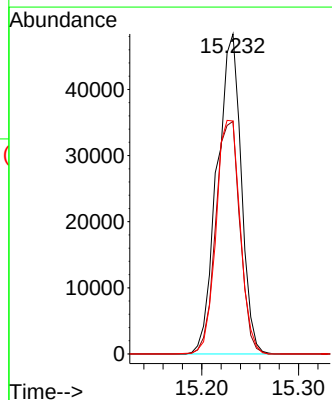
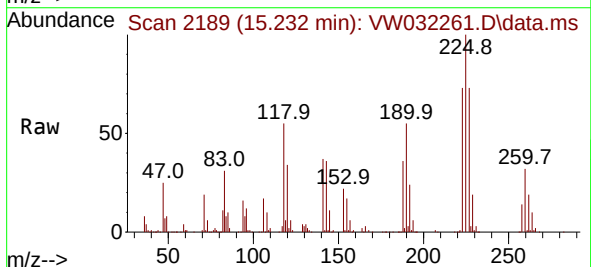
Tgt Ion:225 Resp: 83590

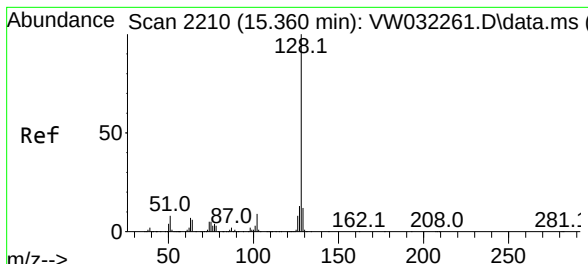
Ion Ratio Lower Upper

225 100

223 72.8 36.4 109.2

227 72.8 36.4 109.2



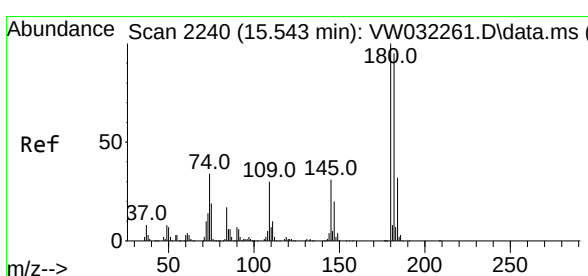
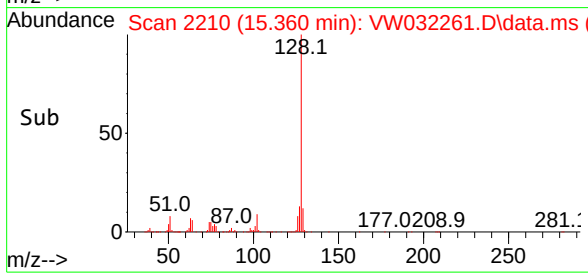
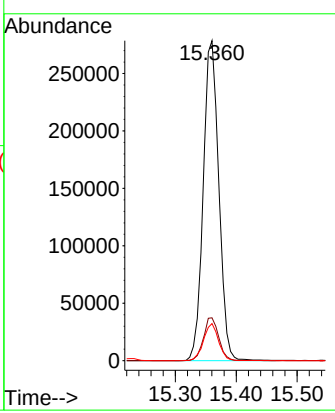
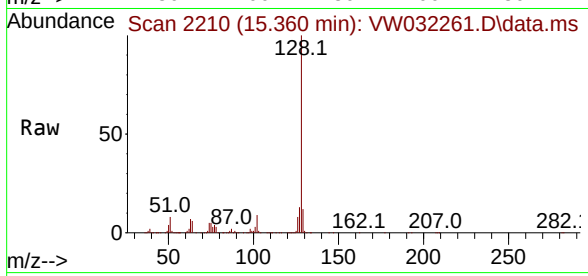


#95
 Naphthalene
 Concen: 51.385 ug/l
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 494973

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	9.0	13.4



#96
 1,2,3-Trichlorobenzene
 Concen: 51.031 ug/l
 RT: 15.543 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VW032261.D
 Acq: 25 Sep 2025 12:24

Tgt Ion:180 Resp: 190435

Ion	Ratio	Lower	Upper
180	100		
182	90.9	45.5	136.4
145	36.1	18.1	54.1

