

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032263.D
 Acq On : 25 Sep 2025 13:08
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 26 06:51:44 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	7.965	168	268103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	503264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	471325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	221054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	574246	135.650	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 271.300%#	
35) Dibromofluoromethane	7.898	113	501948	138.686	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 277.380%#	
50) Toluene-d8	10.331	98	1818751	139.432	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 278.860%#	
62) 4-Bromofluorobenzene	12.617	95	691432	140.528	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 281.060%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	240712	129.953	ug/l	98
3) Chloromethane	2.259	50	369476	139.381	ug/l	92
4) Vinyl Chloride	2.405	62	420083	135.631	ug/l	100
5) Bromomethane	2.814	94	302978	143.255	ug/l	96
6) Chloroethane	2.960	64	302351	144.062	ug/l	98
7) Trichlorofluoromethane	3.301	101	366348	156.982	ug/l	96
8) Diethyl Ether	3.722	74	309062	140.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	408786	137.233	ug/l	99
10) Methyl Iodide	4.307	142	583039	144.711	ug/l	99
11) Tert butyl alcohol	5.228	59	229035	779.425	ug/l	99
12) 1,1-Dichloroethene	4.082	96	454400	142.705	ug/l	97
13) Acrolein	3.929	56	358621	685.685	ug/l	95
14) Allyl chloride	4.704	41	741086	149.967	ug/l	99
15) Acrylonitrile	5.405	53	876508	771.249	ug/l	99
16) Acetone	4.161	43	725678	667.495	ug/l	100
17) Carbon Disulfide	4.423	76	1064701	145.428	ug/l	99
18) Methyl Acetate	4.710	43	657620	175.880	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	903547	153.083	ug/l	99
20) Methylene Chloride	4.954	84	535268	151.547	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	507076	147.681	ug/l	89
22) Diisopropyl ether	6.344	45	1632431	148.663	ug/l	98
23) Vinyl Acetate	6.283	43	5462201	773.228	ug/l	99
24) 1,1-Dichloroethane	6.246	63	1005238	145.019	ug/l	99
25) 2-Butanone	7.197	43	1188481	784.297	ug/l	98
26) 2,2-Dichloropropane	7.185	77	490986	143.738	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	634273	148.524	ug/l	100
28) Bromochloromethane	7.532	49	465294	140.671	ug/l #	100
29) Tetrahydrofuran	7.551	42	778509	791.357	ug/l	100
30) Chloroform	7.691	83	1027625	142.085	ug/l	99
31) Cyclohexane	7.971	56	750802	137.359	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	698636	143.387	ug/l	99
36) 1,1-Dichloropropene	8.093	75	688774	141.154	ug/l	99
37) Ethyl Acetate	7.276	43	484636	149.754	ug/l	99
38) Carbon Tetrachloride	8.081	117	648359	141.229	ug/l	95
39) Methylcyclohexane	9.343	83	851000	150.722	ug/l	95
40) Benzene	8.337	78	2170741	141.329	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	305799	164.987	ug/l	94
42) 1,2-Dichloroethane	8.410	62	709201	138.911	ug/l	100
43) Isopropyl Acetate	8.441	43	899258	155.231	ug/l	99
44) Trichloroethene	9.099	130	512412	142.728	ug/l	95
45) 1,2-Dichloropropane	9.374	63	561821	141.229	ug/l	99
46) Dibromomethane	9.465	93	342097	139.871	ug/l	99
47) Bromodichloromethane	9.654	83	816402	146.351	ug/l #	99
48) Methyl methacrylate	9.441	41	447621	164.241	ug/l	97
49) 1,4-Dioxane	9.459	88	109095	3330.471	ug/l #	95
51) 4-Methyl-2-Pentanone	10.215	43	2581810	751.674	ug/l	99
52) Toluene	10.392	92	1383297	145.306	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	825886	161.590	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	922892	156.407	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	479692	143.686	ug/l	99
56) Ethyl methacrylate	10.648	69	724292	164.704	ug/l	98
57) 1,3-Dichloropropane	10.934	76	826934	143.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	1967595	815.074	ug/l	100
59) 2-Hexanone	10.971	43	1834008	781.907	ug/l	99
60) Dibromochloromethane	11.135	129	549090	149.762	ug/l	100
61) 1,2-Dibromoethane	11.239	107	467063	147.671	ug/l	100
64) Tetrachloroethene	10.867	164	407222	141.775	ug/l	91
65) Chlorobenzene	11.660	112	1542105	142.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	511003	148.829	ug/l	99
67) Ethyl Benzene	11.727	91	2698460	151.851	ug/l	96
68) m/p-Xylenes	11.837	106	2029004	297.855	ug/l	95
69) o-Xylene	12.166	106	980912	153.220	ug/l	100
70) Styrene	12.178	104	1702538	151.648	ug/l	99
71) Bromoform	12.349	173	315558	157.711	ug/l #	99
73) Isopropylbenzene	12.464	105	2480347	161.210	ug/l	100
74) N-amyl acetate	12.269	43	797679	164.633	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	598288	148.312	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	769675	221.391	ug/l	39
77) Bromobenzene	12.745	156	576269	152.279	ug/l	89
78) n-propylbenzene	12.800	91	2972678	153.818	ug/l	99
79) 2-Chlorotoluene	12.891	91	1806322	154.293	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	2066765	157.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	209132	178.617	ug/l	95
82) 4-Chlorotoluene	12.989	91	1903051	153.811	ug/l	98
83) tert-Butylbenzene	13.202	119	1773318	161.195	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	2079611	155.710	ug/l	100
85) sec-Butylbenzene	13.379	105	2618834	158.526	ug/l	99
86) p-Isopropyltoluene	13.495	119	2117769	154.791	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	1141699	152.522	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	1117378	146.119	ug/l	94
89) n-Butylbenzene	13.818	91	2173243	158.280	ug/l	99
90) Hexachloroethane	14.092	117	403116	158.088	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	1010379	144.291	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	109812	159.151	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	686602	165.278	ug/l	94
94) Hexachlorobutadiene	15.226	225	279873	146.692	ug/l	94
95) Naphthalene	15.360	128	1767143	177.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	631845	163.575	ug/l	97

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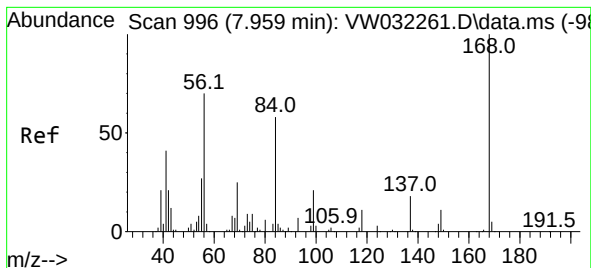
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

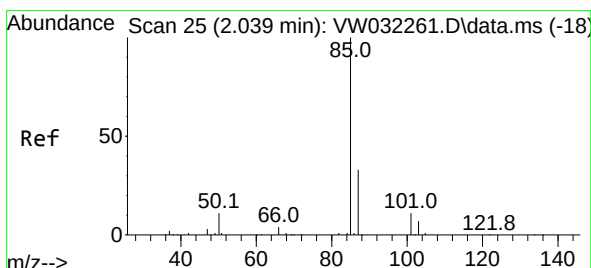
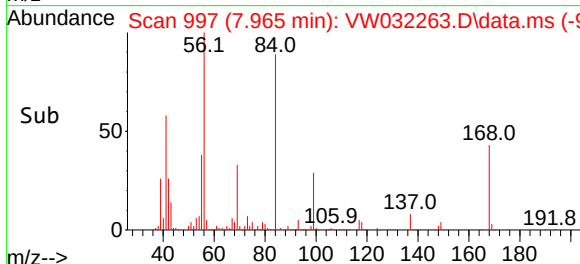
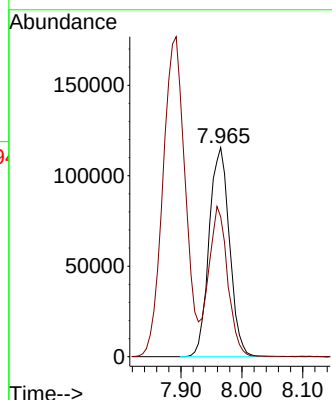
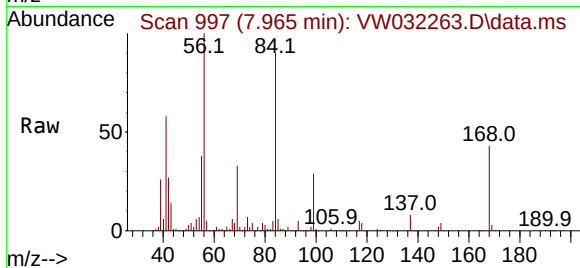
ClientSampleId :

Tgt Ion:168 Resp: 268103

Ion Ratio Lower Upper

168 100

99 66.7 55.0 82.4



#2

Dichlorodifluoromethane

Concen: 129.953 ug/l

RT: 2.039 min Scan# 25

Delta R.T. 0.000 min

Lab File: VW032263.D

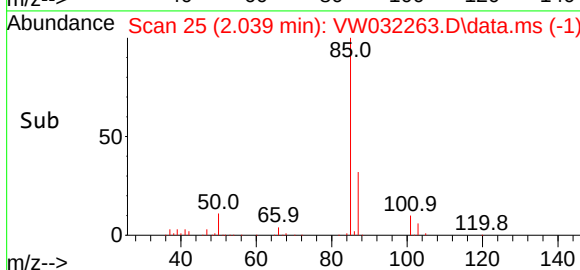
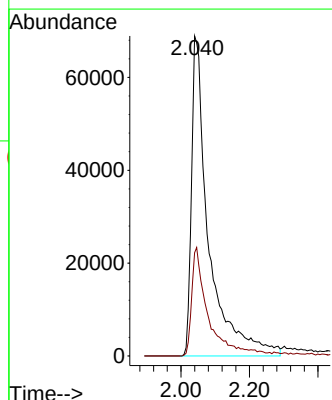
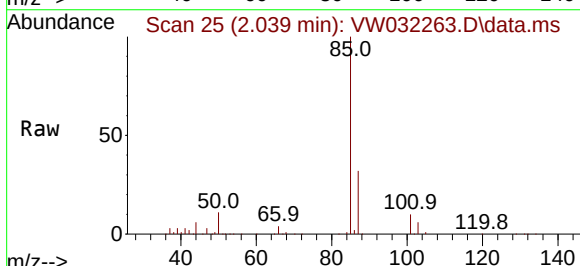
Acq: 25 Sep 2025 13:08

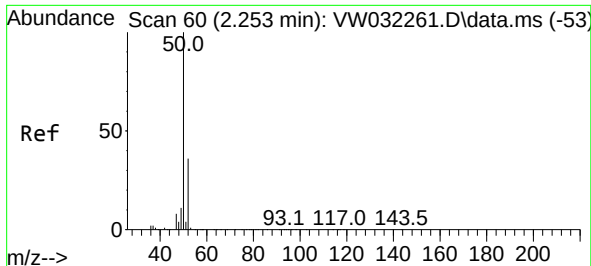
Tgt Ion: 85 Resp: 240712

Ion Ratio Lower Upper

85 100

87 32.3 16.7 50.1

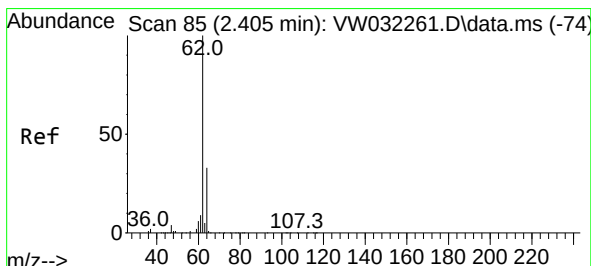
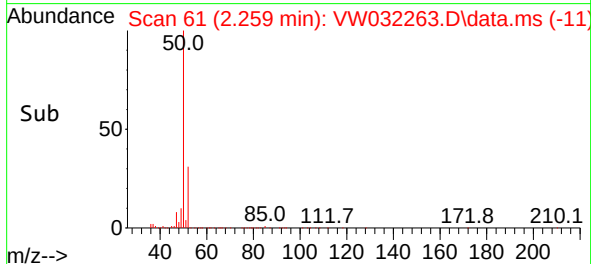
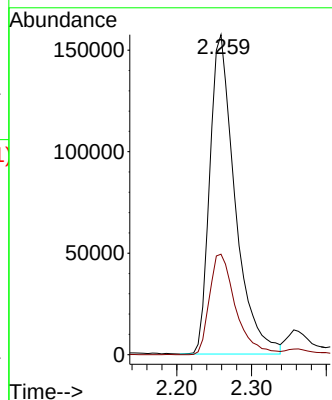
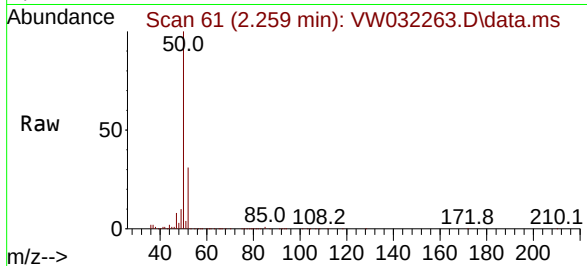




#3
Chloromethane
Concen: 139.381 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

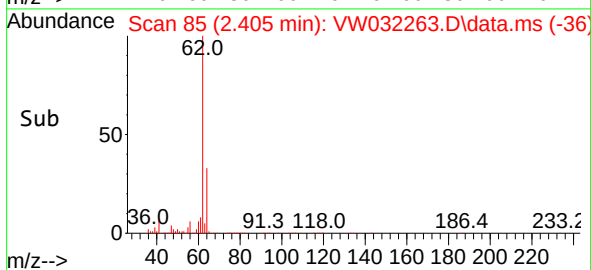
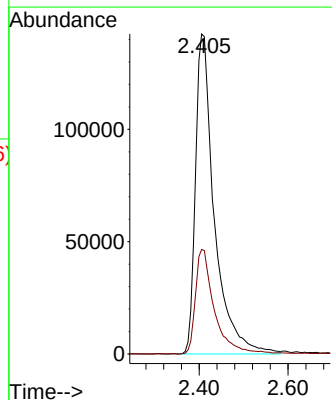
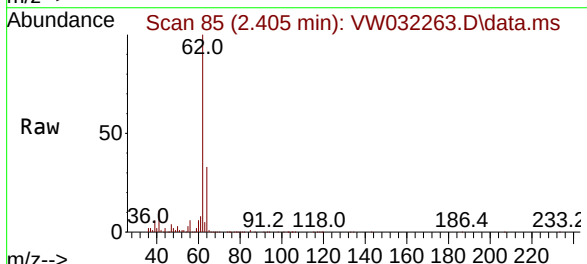
Instrument :
MSVOA_W
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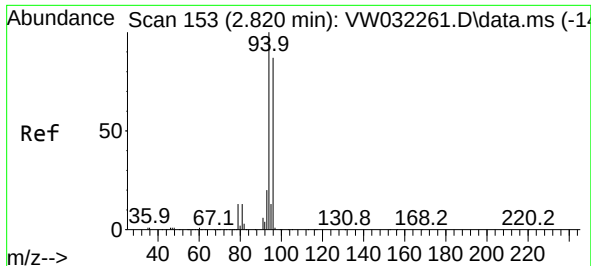
Tgt Ion: 50 Resp: 369476
Ion Ratio Lower Upper
50 100
52 31.5 28.9 43.3



#4
Vinyl Chloride
Concen: 135.631 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 62 Resp: 420083
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4

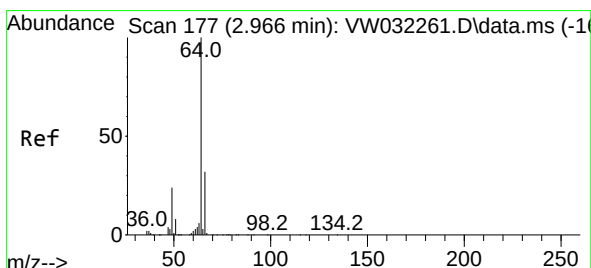
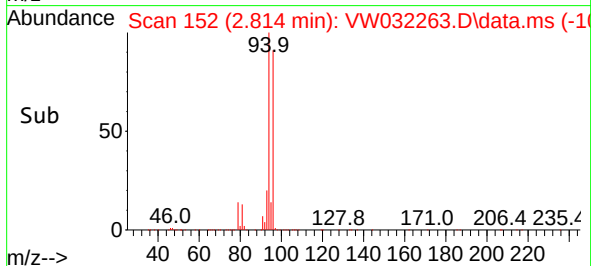
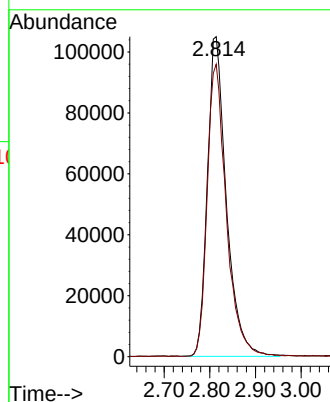
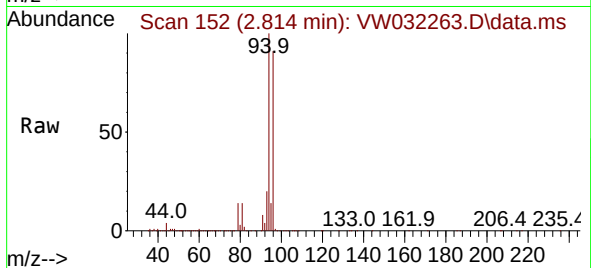




#5
Bromomethane
Concen: 143.255 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

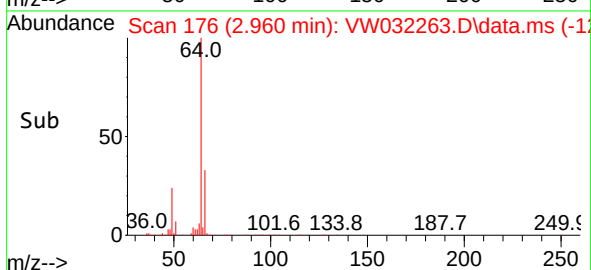
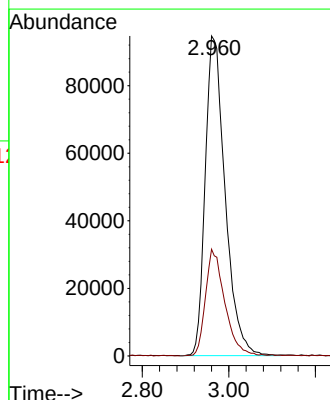
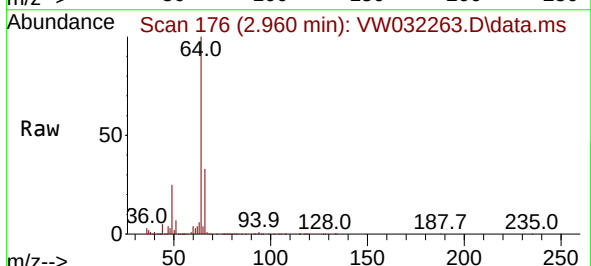
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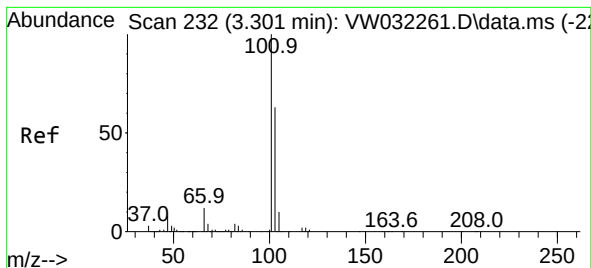
Tgt Ion: 94 Resp: 302978
Ion Ratio Lower Upper
94 100
96 91.4 70.0 105.0



#6
Chloroethane
Concen: 144.062 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 64 Resp: 302351
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3





#7

Trichlorofluoromethane

Concen: 156.982 ug/l

RT: 3.301 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

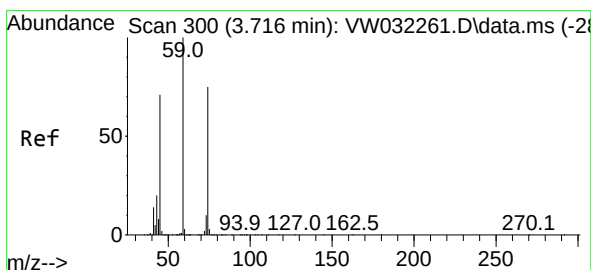
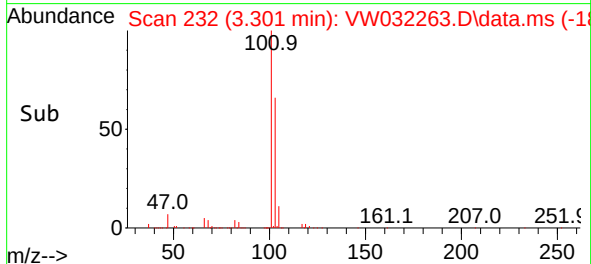
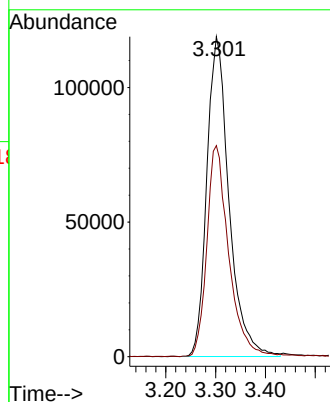
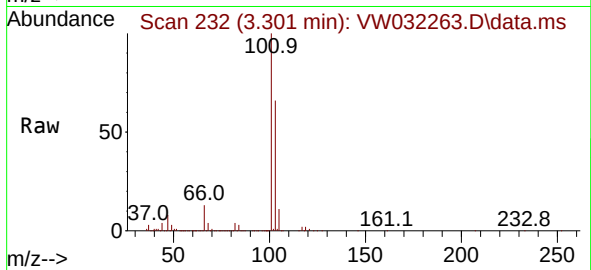
ClientSampleId :

Tgt Ion:101 Resp: 366348

Ion Ratio Lower Upper

101 100

103 66.0 50.3 75.5



#8

Diethyl Ether

Concen: 140.059 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.006 min

Lab File: VW032263.D

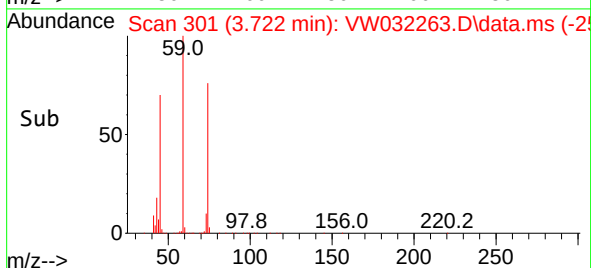
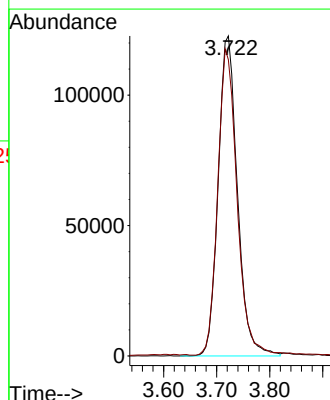
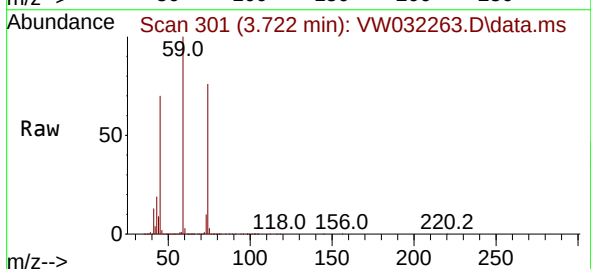
Acq: 25 Sep 2025 13:08

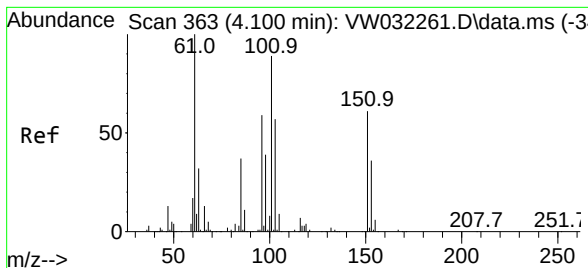
Tgt Ion: 74 Resp: 309062

Ion Ratio Lower Upper

74 100

45 97.0 49.0 147.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.233 ug/l

RT: 4.100 min Scan# 3

Delta R.T. 0.000 min

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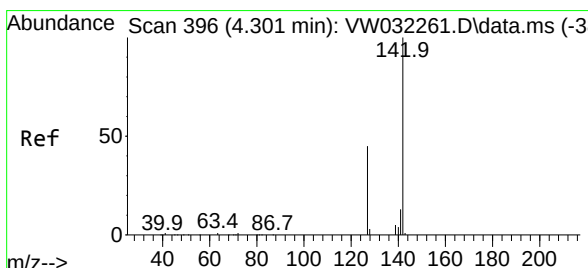
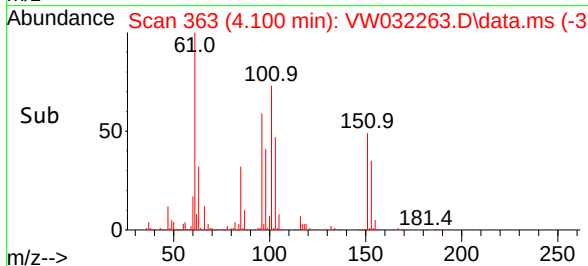
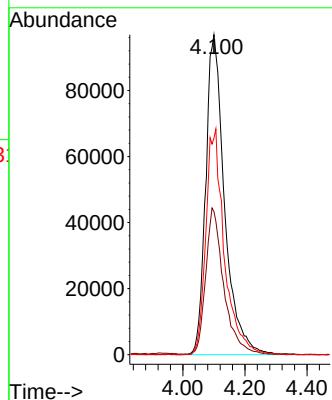
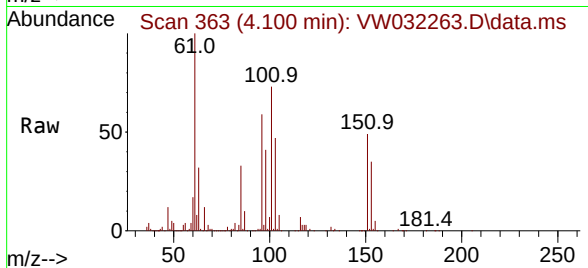
Tgt Ion:101 Resp: 408786

Ion Ratio Lower Upper

101 100

85 43.7 33.7 50.5

151 69.2 55.7 83.5



#10

Methyl Iodide

Concen: 144.711 ug/l

RT: 4.307 min Scan# 397

Delta R.T. 0.006 min

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Acq: 25 Sep 2025 13:08

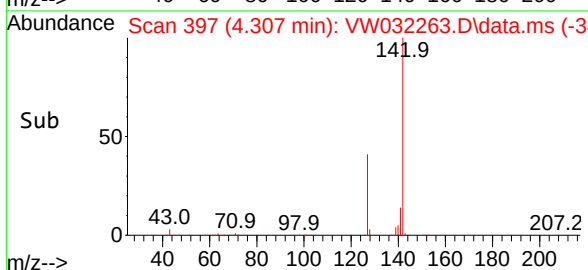
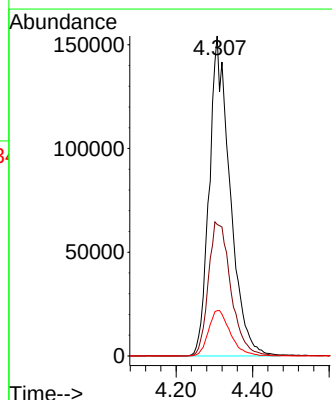
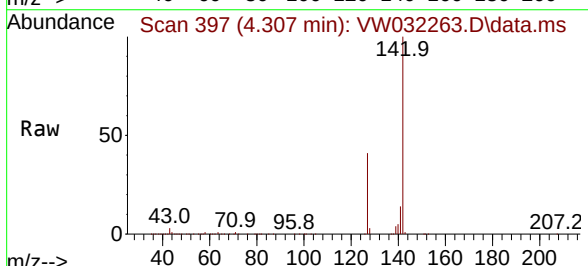
Tgt Ion:142 Resp: 583039

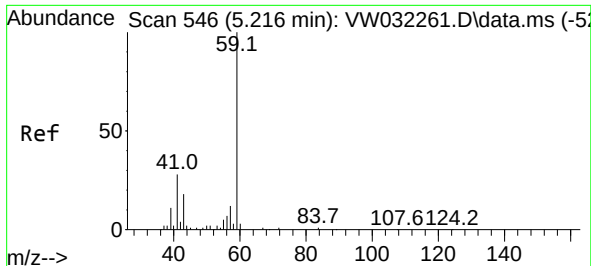
Ion Ratio Lower Upper

142 100

127 45.2 36.9 55.3

141 14.9 12.0 18.0

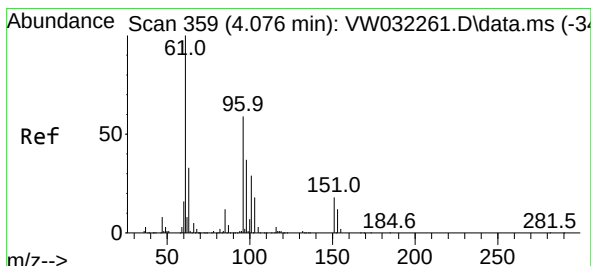
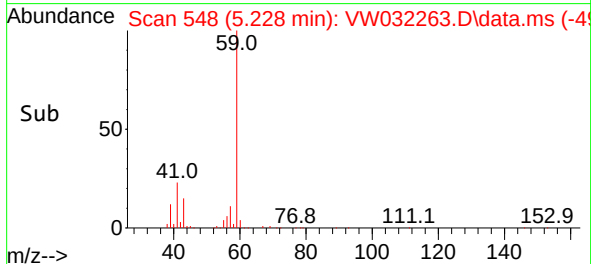
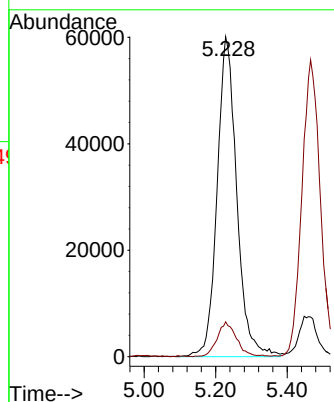
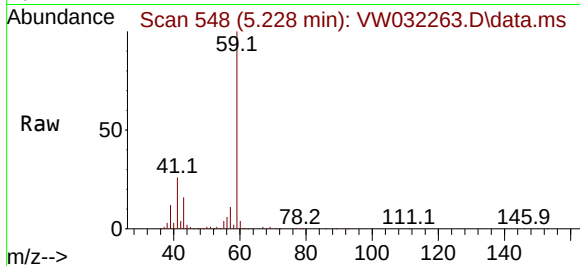




#11
Tert butyl alcohol
Concen: 779.425 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

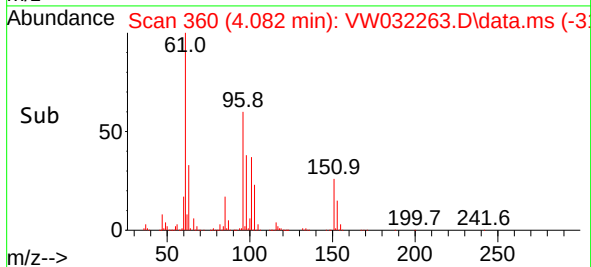
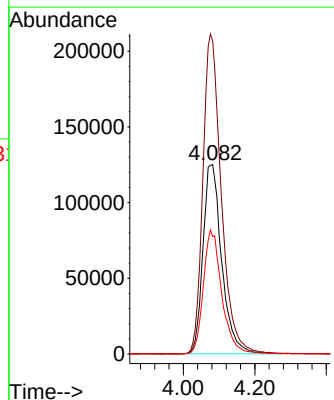
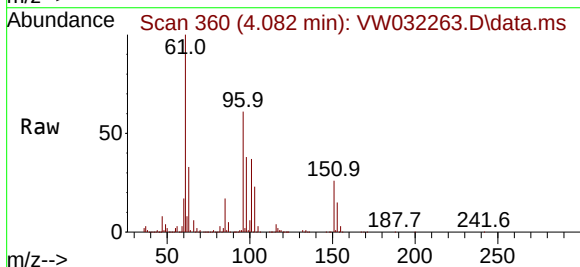
Instrument :
MSVOA_W
ClientSampleId :

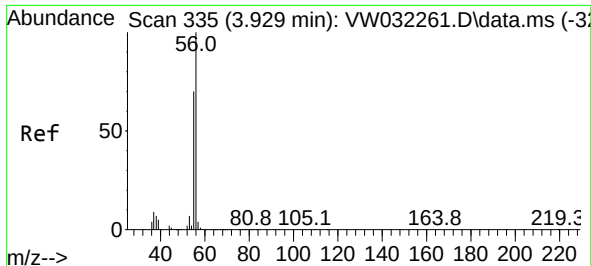
Tgt Ion: 59 Resp: 229035
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3



#12
1,1-Dichloroethene
Concen: 142.705 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 96 Resp: 454400
Ion Ratio Lower Upper
96 100
61 165.4 136.3 204.5
98 62.0 50.7 76.1

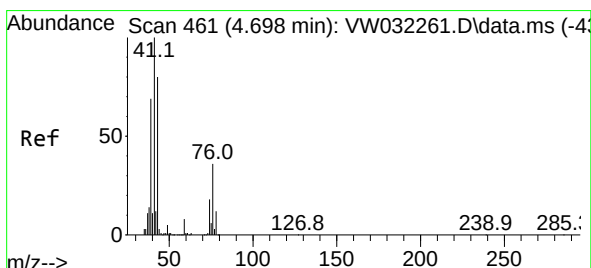
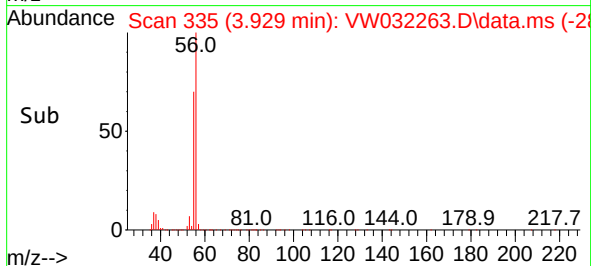
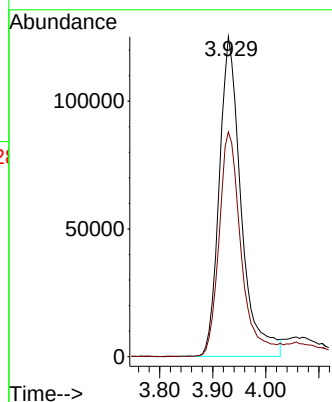
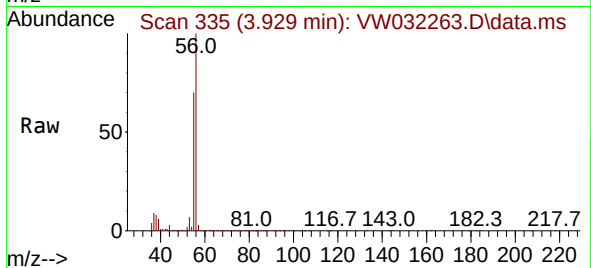




#13
Acrolein
Concen: 685.685 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

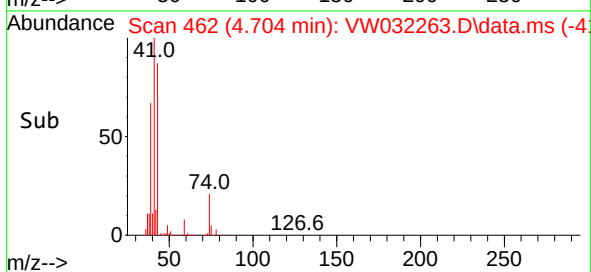
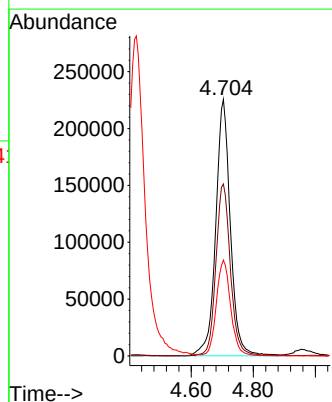
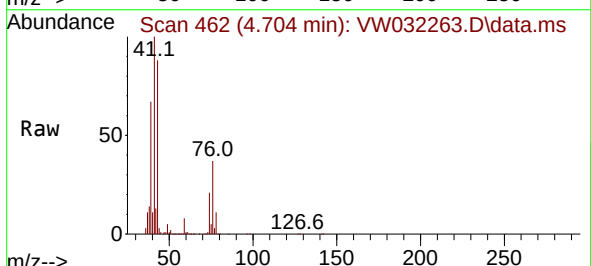
Instrument :
MSVOA_W
ClientSampleId :

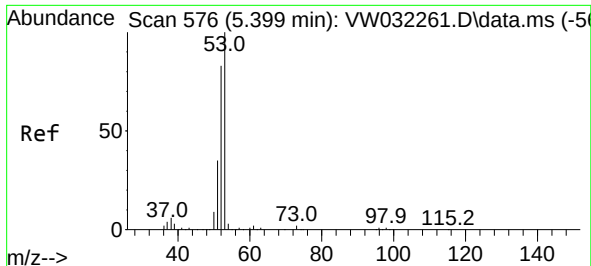
Tgt Ion: 56 Resp: 358621
Ion Ratio Lower Upper
56 100
55 70.8 53.2 79.8



#14
Allyl chloride
Concen: 149.967 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

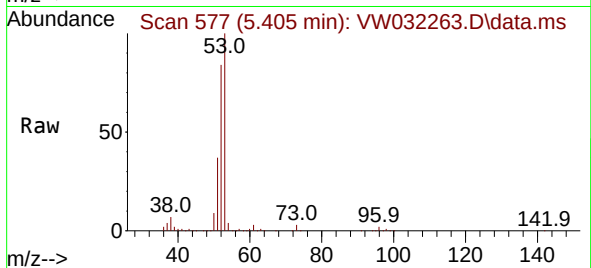
Tgt Ion: 41 Resp: 741086
Ion Ratio Lower Upper
41 100
39 66.3 54.3 81.5
76 36.1 28.7 43.1



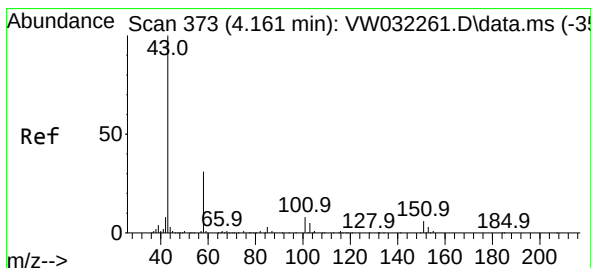
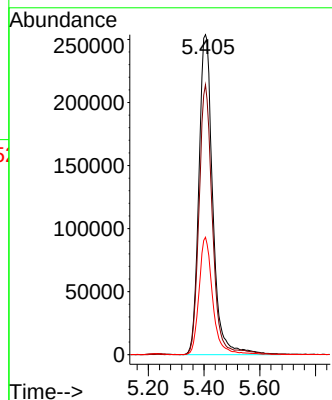
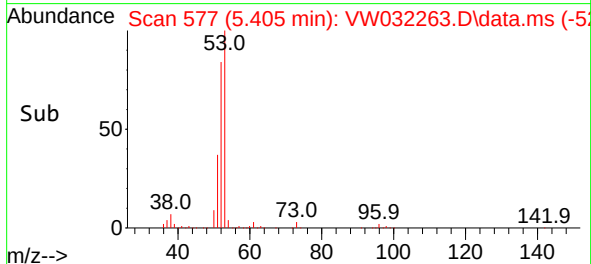


#15
Acrylonitrile
Concen: 771.249 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Instrument :
MSVOA_W
ClientSampleId :

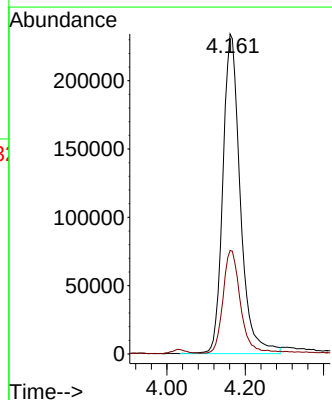
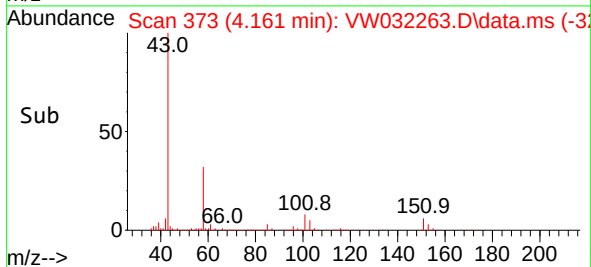
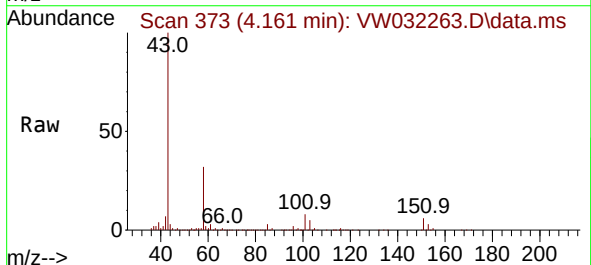


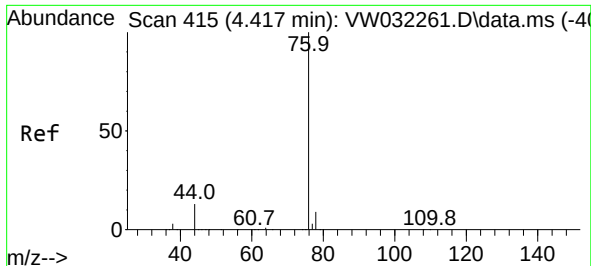
Tgt Ion: 53 Resp: 876508
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 36.2 29.6 44.4



#16
Acetone
Concen: 667.495 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 725678
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.0

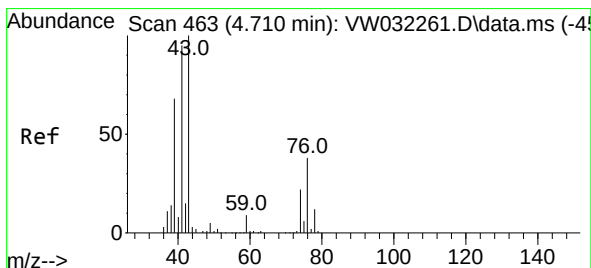
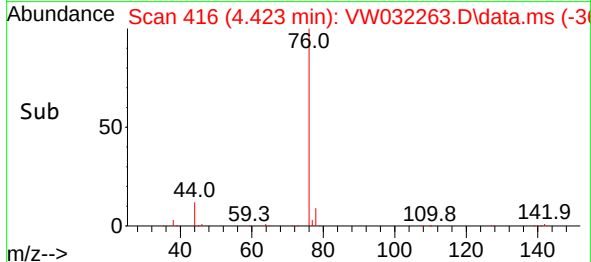
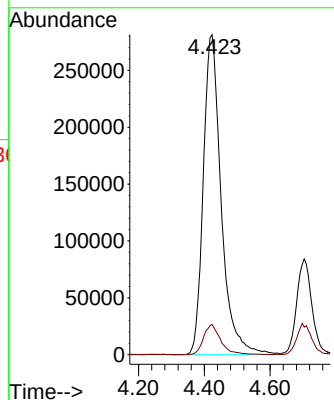
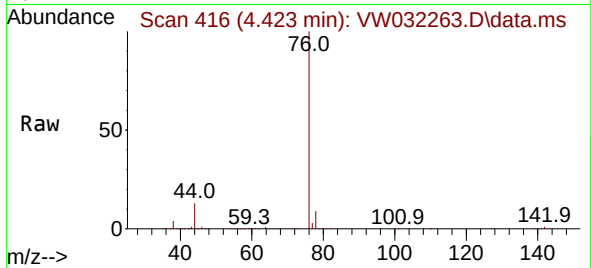




#17
Carbon Disulfide
Concen: 145.428 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

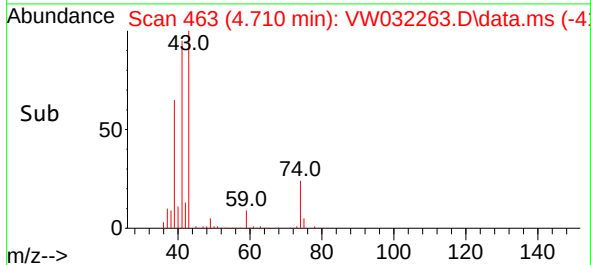
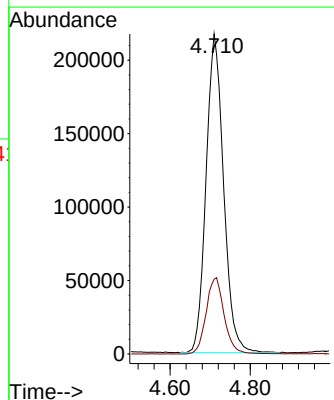
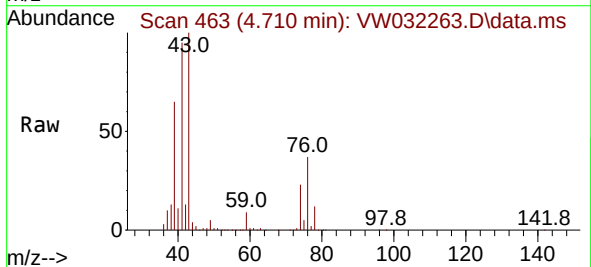
Instrument :
MSVOA_W
ClientSampleId :

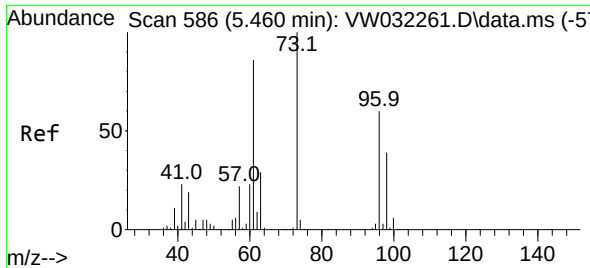
Tgt Ion: 76 Resp: 1064701
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 175.880 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 657620
Ion Ratio Lower Upper
43 100
74 24.7 18.8 28.2

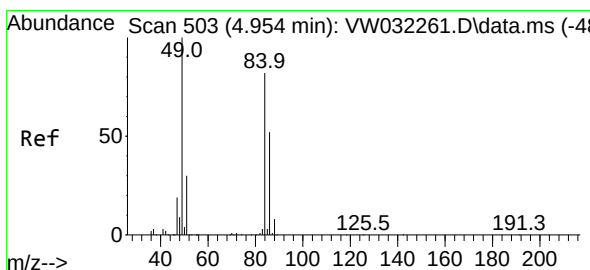
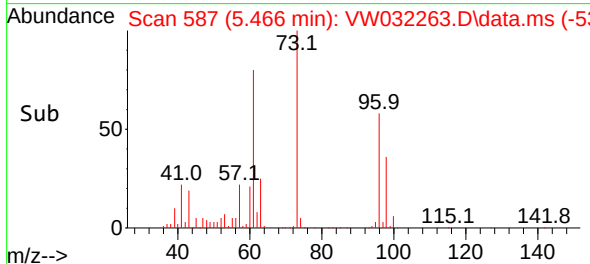
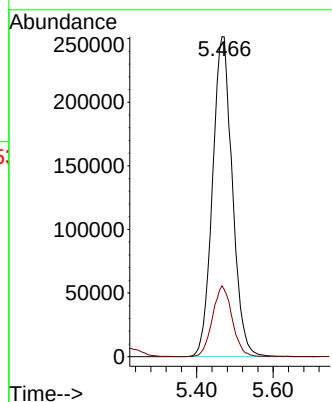
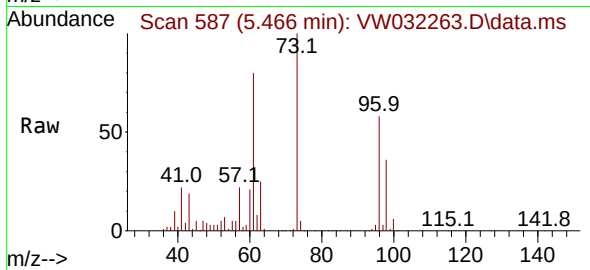




#19
Methyl tert-butyl Ether
Concen: 153.083 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

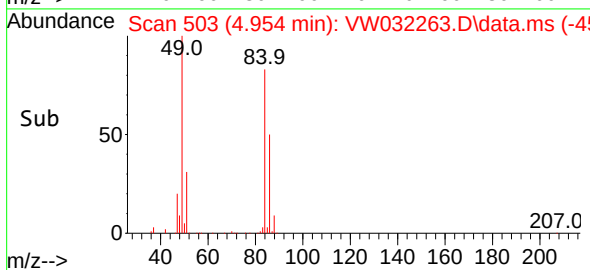
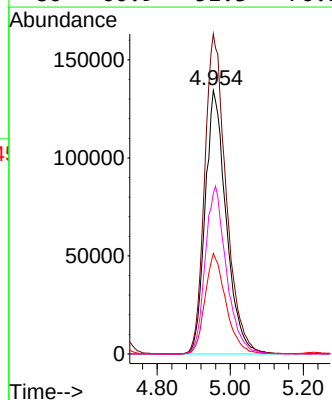
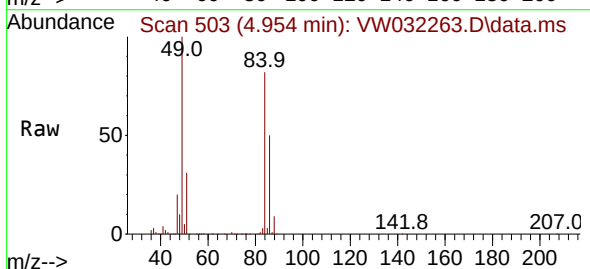
Instrument :
MSVOA_W
ClientSampleId :

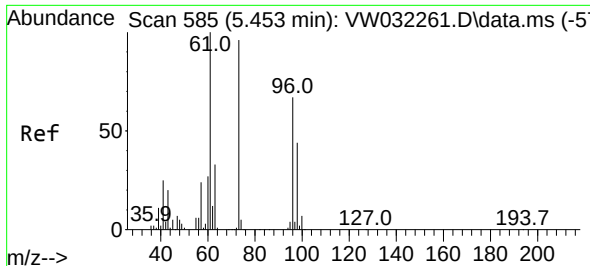
Tgt Ion: 73 Resp: 903547
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9



#20
Methylene Chloride
Concen: 151.547 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 84 Resp: 535268
Ion Ratio Lower Upper
84 100
49 121.4 97.8 146.6
51 38.2 29.9 44.9
86 60.9 51.3 76.9

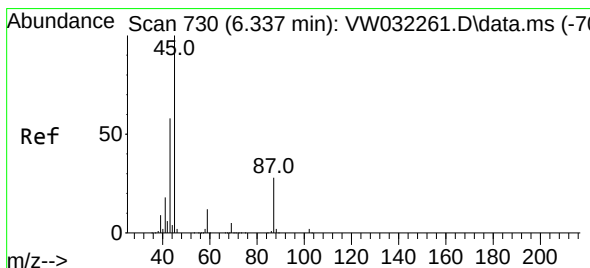
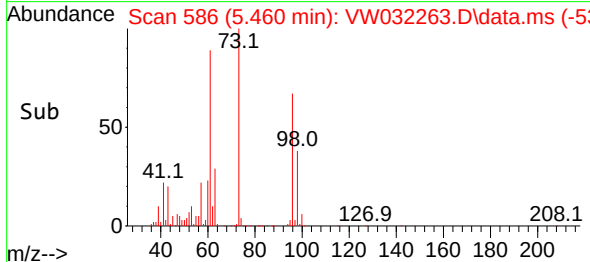
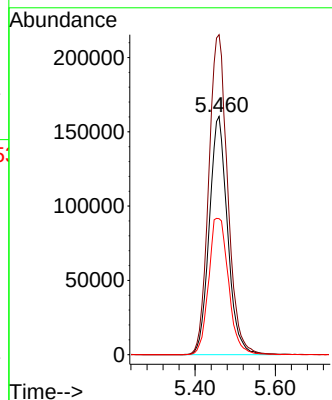
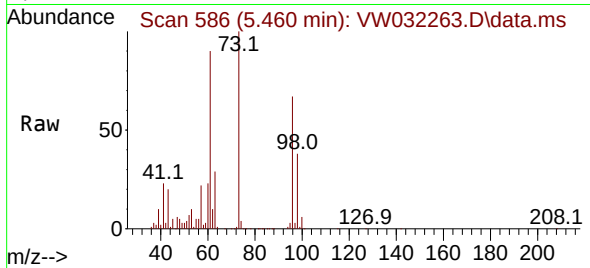




#21
trans-1,2-Dichloroethene
Concen: 147.681 ug/l
RT: 5.460 min Scan# 585
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

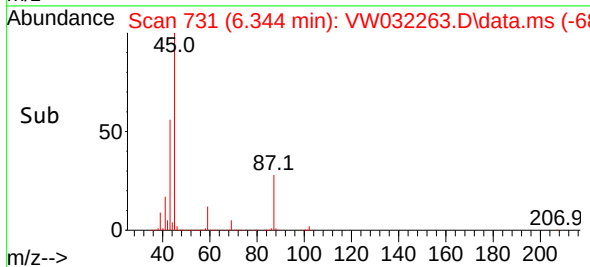
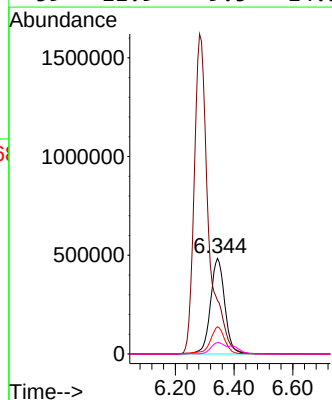
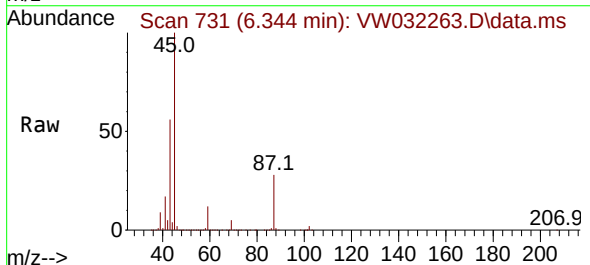
Instrument :
MSVOA_W
ClientSampleId :

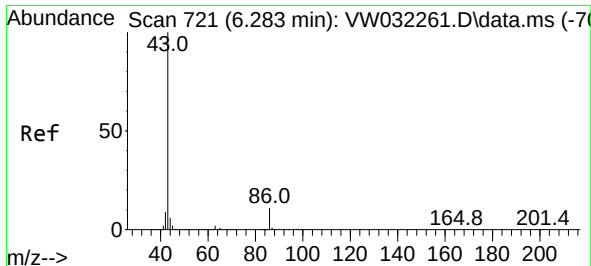
Tgt Ion: 96 Resp: 507076
Ion Ratio Lower Upper
96 100
61 134.3 119.2 178.8
98 57.1 52.5 78.7



#22
Diisopropyl ether
Concen: 148.663 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 45 Resp: 1632431
Ion Ratio Lower Upper
45 100
43 55.7 46.2 69.4
87 28.5 22.2 33.2
59 11.9 9.5 14.3

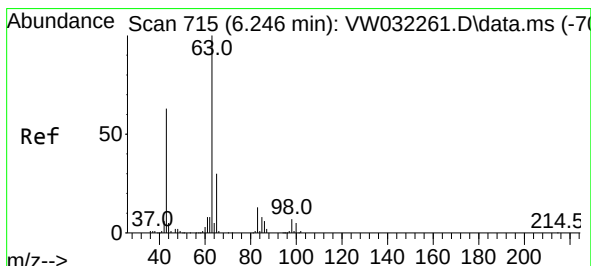
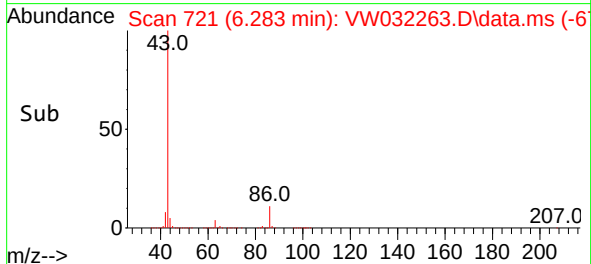
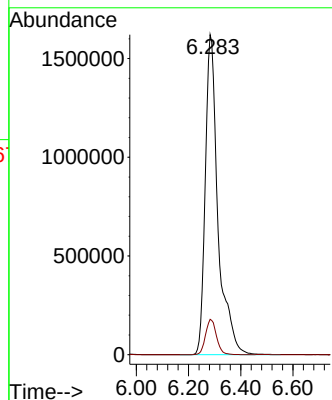
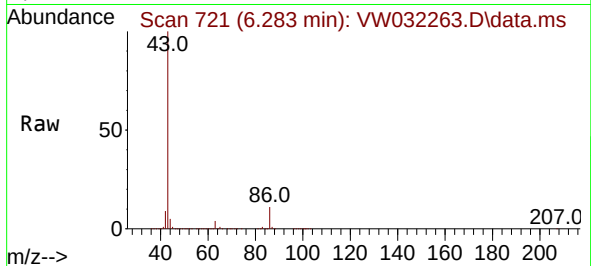




#23
 Vinyl Acetate
 Concen: 773.228 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

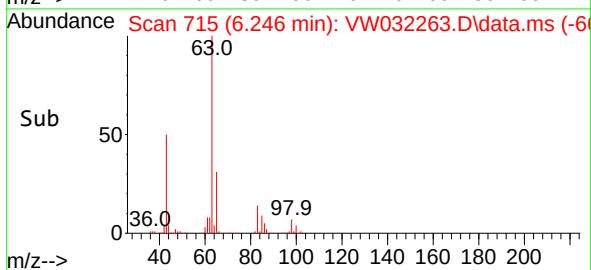
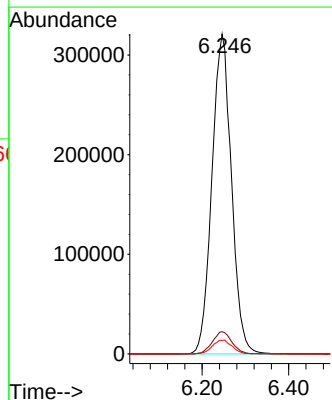
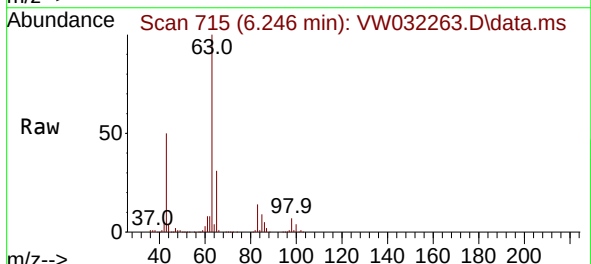
Instrument :
 MSVOA_W
 ClientSampleId :

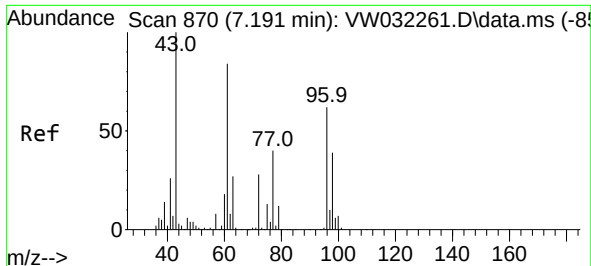
Tgt Ion: 43 Resp: 5462201
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 145.019 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

Tgt Ion: 63 Resp: 1005238
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.3 2.4 7.1

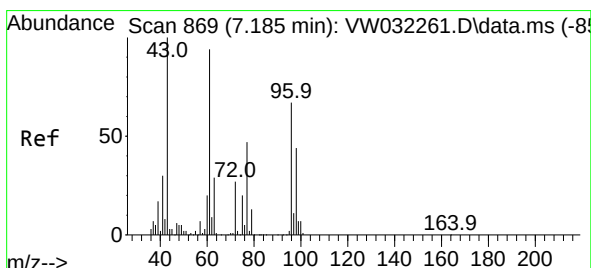
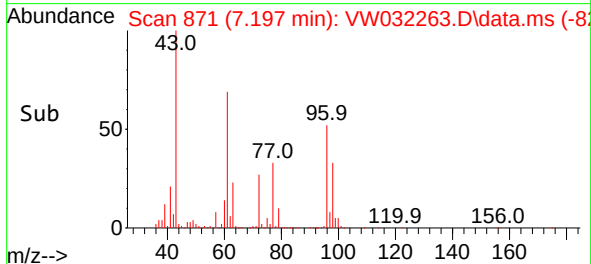
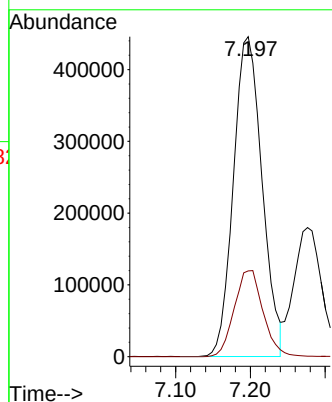
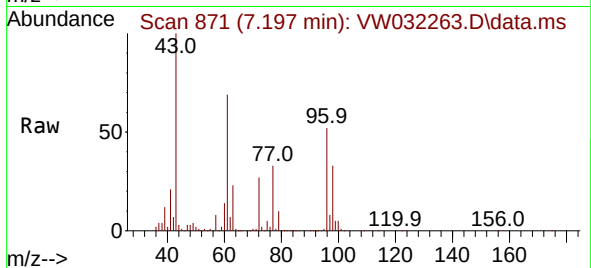




#25
2-Butanone
Concen: 784.297 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

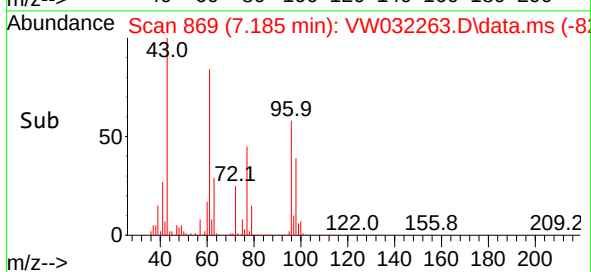
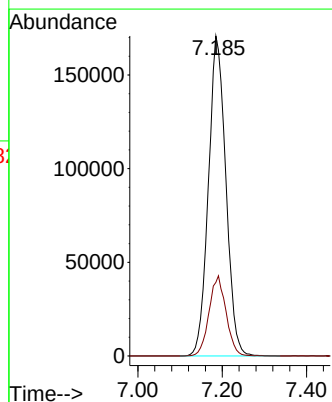
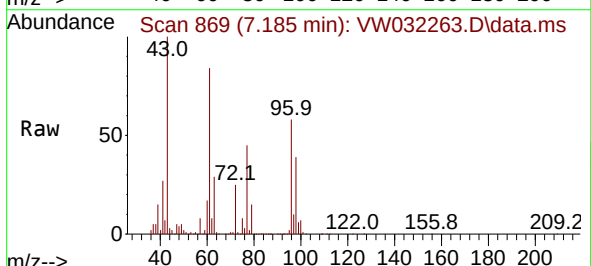
Instrument :
MSVOA_W
ClientSampleId :

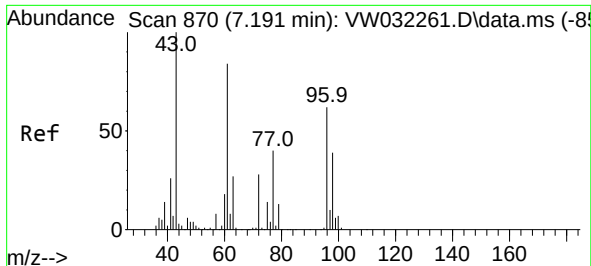
Tgt Ion: 43 Resp: 1188481
Ion Ratio Lower Upper
43 100
72 26.8 22.3 33.5



#26
2,2-Dichloropropane
Concen: 143.738 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 77 Resp: 490986
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 148.524 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

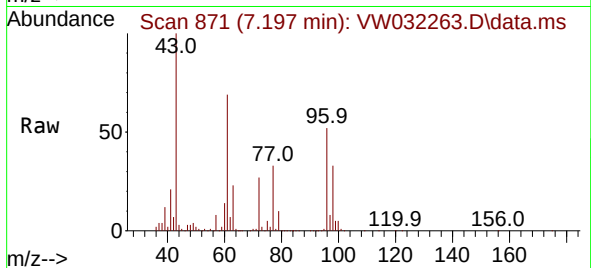
Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :



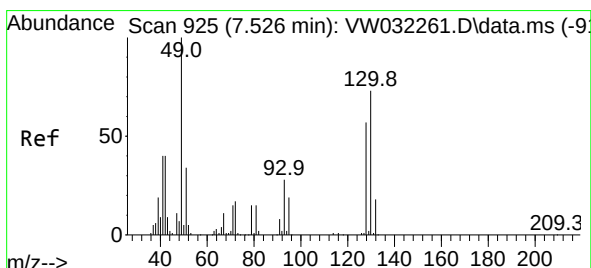
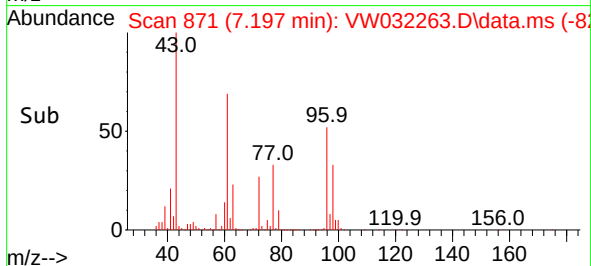
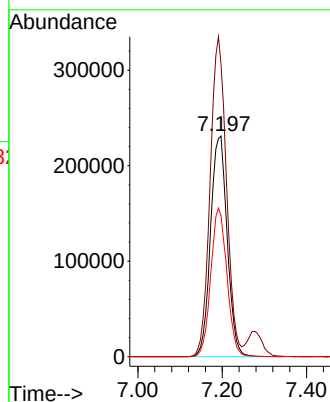
Tgt Ion: 96 Resp: 634273

Ion Ratio Lower Upper

96 100

61 141.8 0.0 281.8

98 65.4 0.0 130.8



#28

Bromochloromethane

Concen: 140.671 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

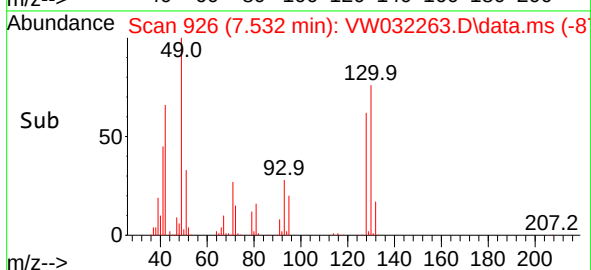
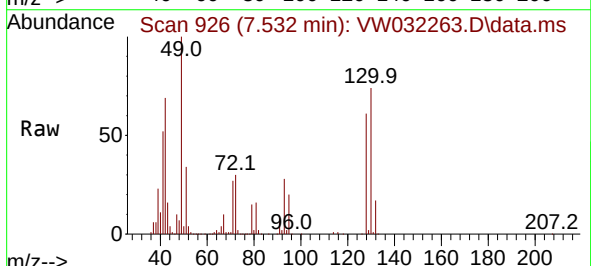
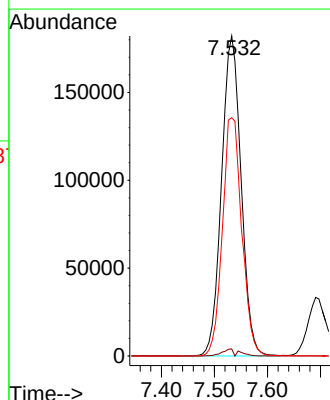
Tgt Ion: 49 Resp: 465294

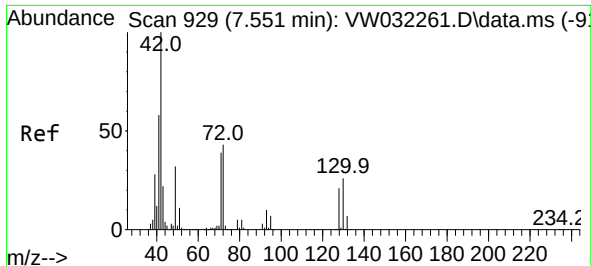
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 73.9 0.0 0.0#





#29

Tetrahydrofuran

Concen: 791.357 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

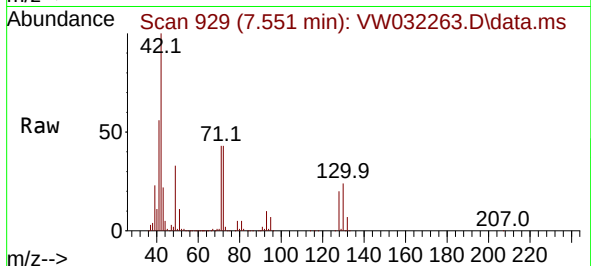
Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :



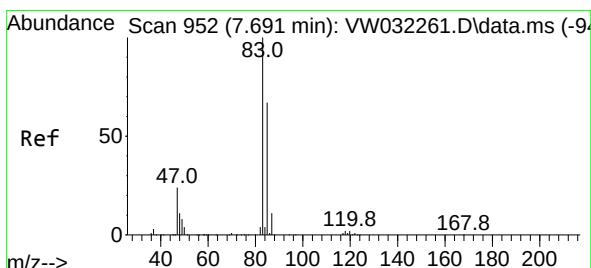
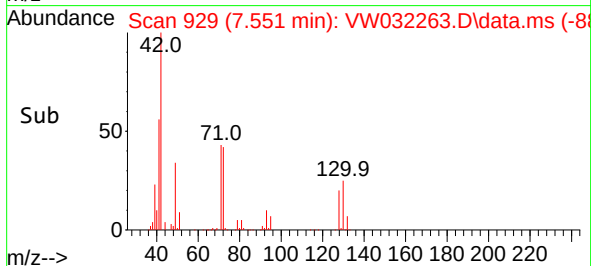
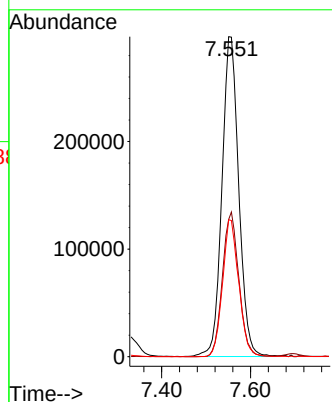
Tgt Ion: 42 Resp: 778509

Ion Ratio Lower Upper

42 100

72 44.1 35.1 52.7

71 41.3 33.3 49.9



#30

Chloroform

Concen: 142.085 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032263.D

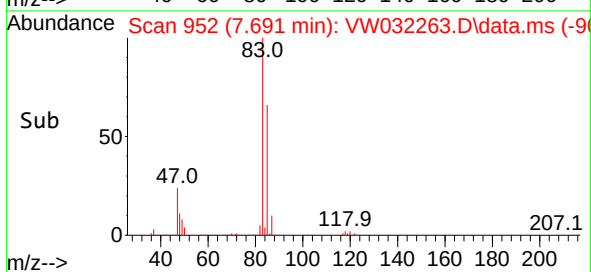
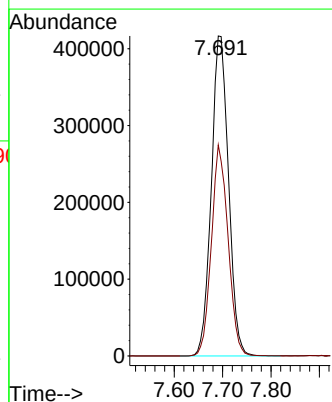
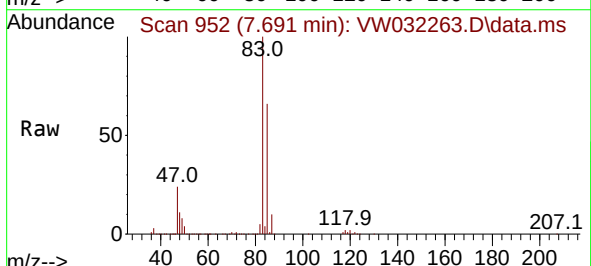
Acq: 25 Sep 2025 13:08

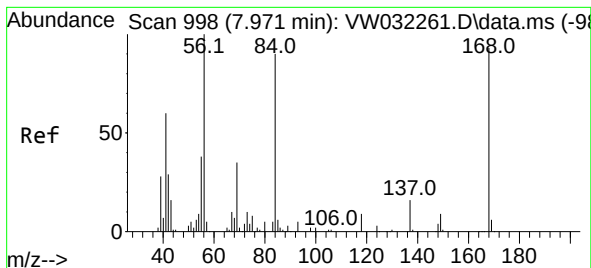
Tgt Ion: 83 Resp: 1027625

Ion Ratio Lower Upper

83 100

85 66.0 53.3 79.9

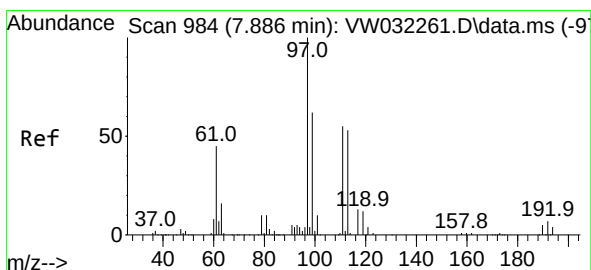
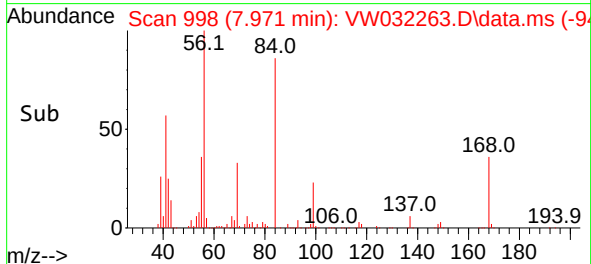
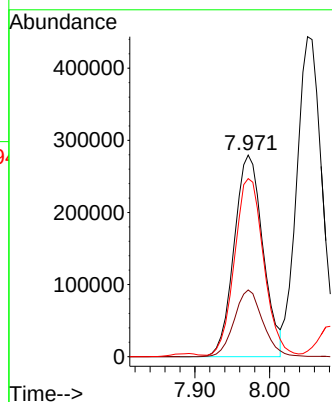
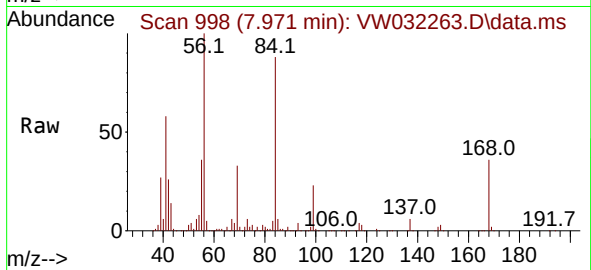




#31
Cyclohexane
Concen: 137.359 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

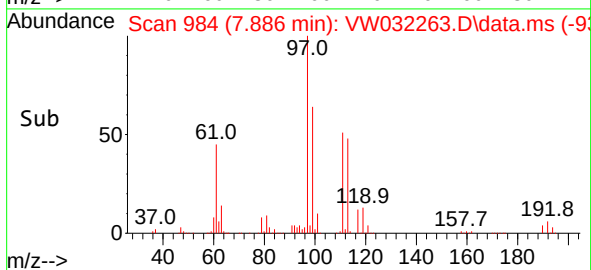
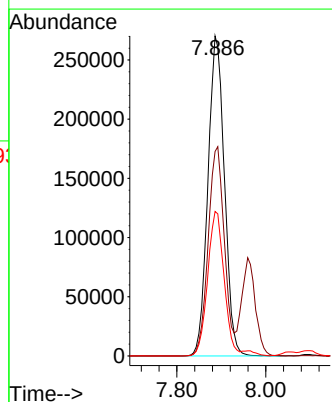
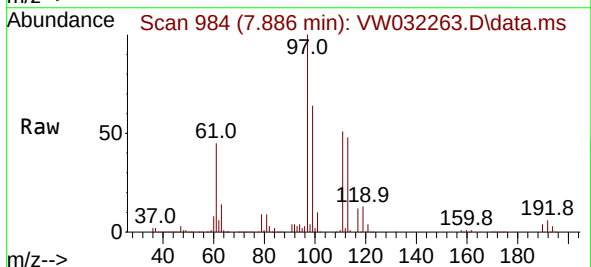
Instrument :
MSVOA_W
ClientSampleId :

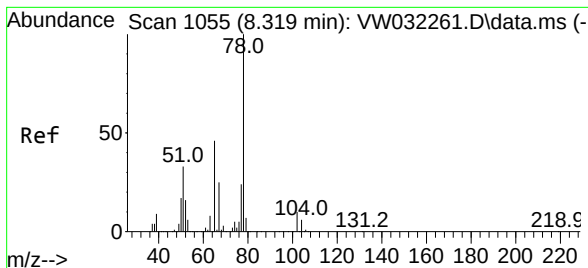
Tgt Ion: 56 Resp: 750802
Ion Ratio Lower Upper
56 100
69 33.1 28.2 42.2
84 87.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 143.387 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 97 Resp: 698636
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 45.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 135.650 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

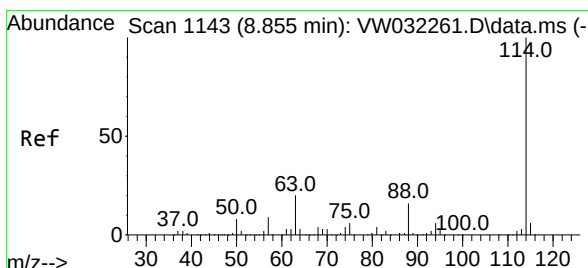
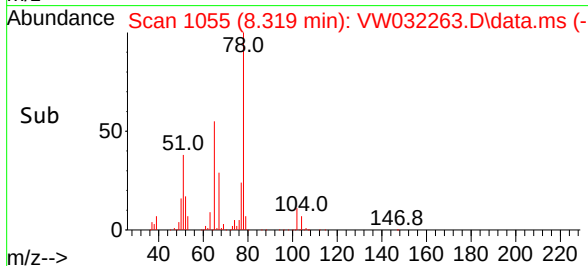
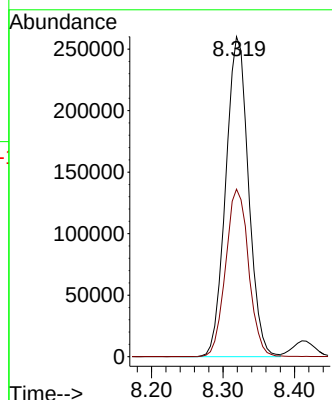
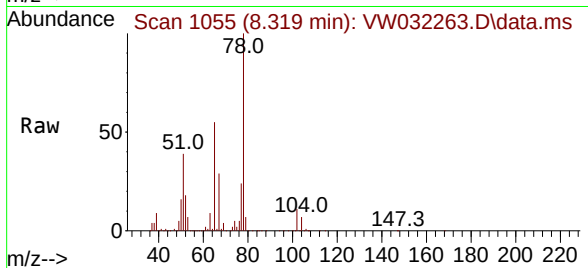
ClientSampleId :

Tgt Ion: 65 Resp: 574246

Ion Ratio Lower Upper

65 100

67 52.8 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: VW032263.D

Acq: 25 Sep 2025 13:08

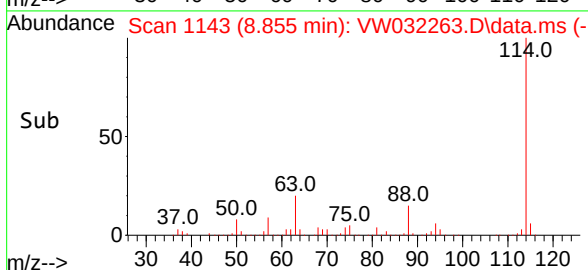
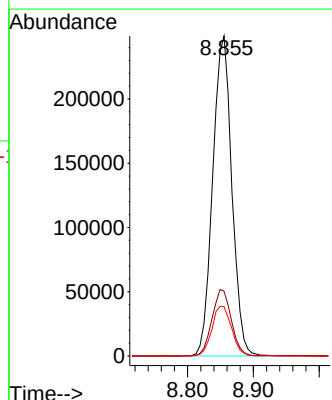
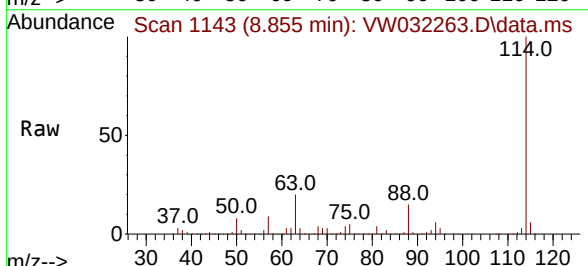
Tgt Ion: 114 Resp: 503264

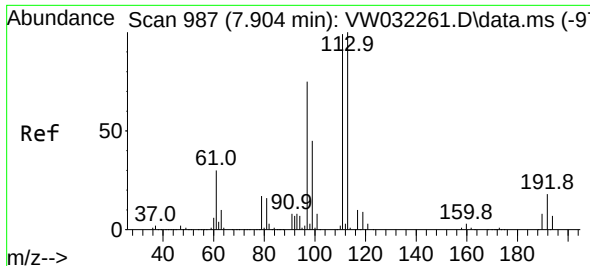
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

88 15.4 0.0 32.0

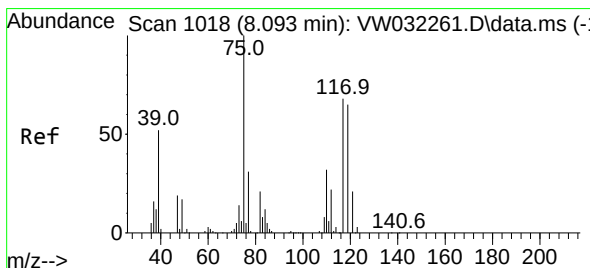
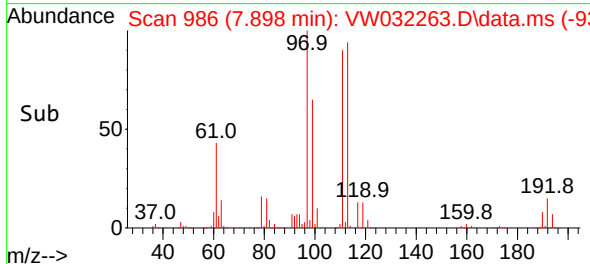
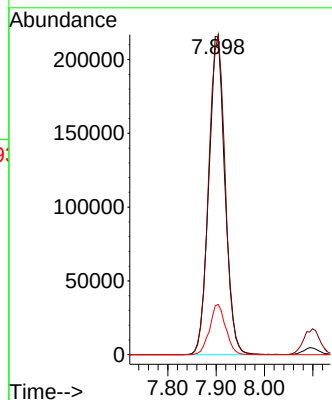
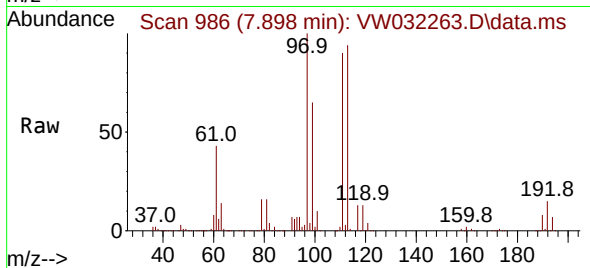




#35
 Dibromofluoromethane
 Concen: 138.686 ug/l
 RT: 7.898 min Scan# 918
 Delta R.T. -0.006 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

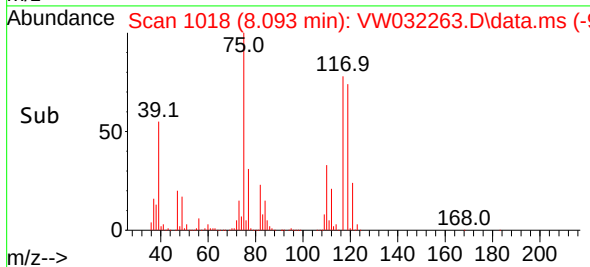
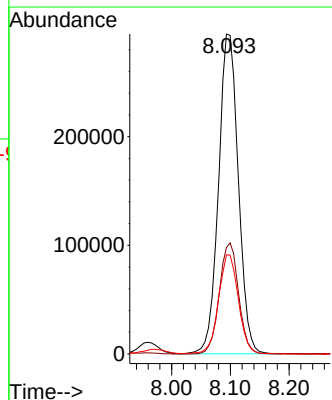
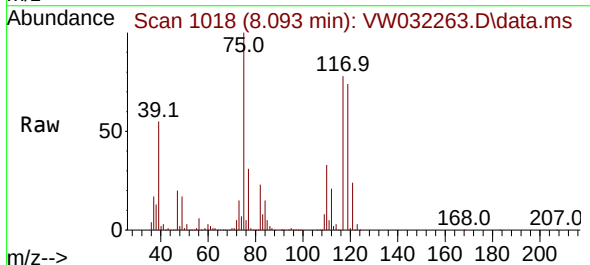
Instrument :
 MSVOA_W
 ClientSampleId :

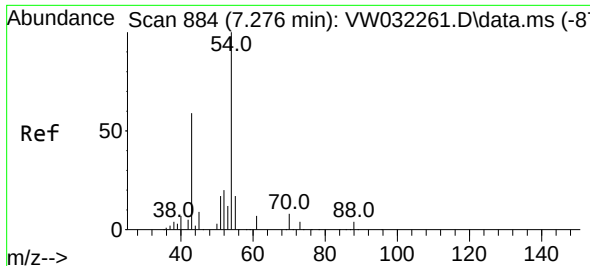
Tgt Ion:113 Resp: 501948
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 15.7 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 141.154 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 688774
 Ion Ratio Lower Upper
 75 100
 110 33.8 16.7 50.1
 77 31.1 25.2 37.8

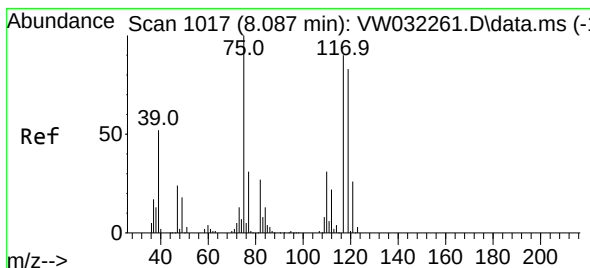
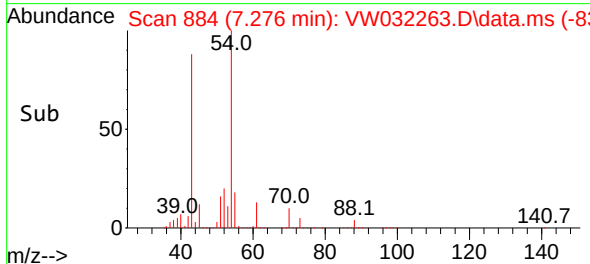
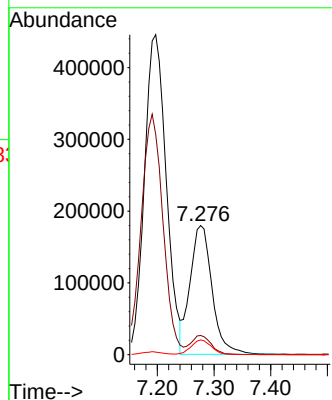
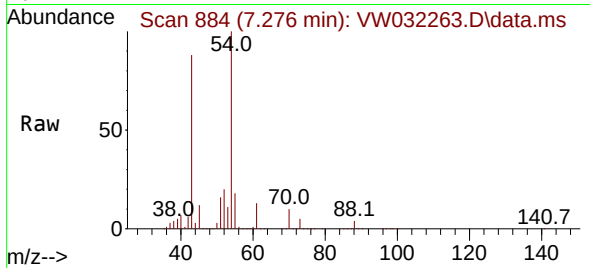




#37
Ethyl Acetate
Concen: 149.754 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

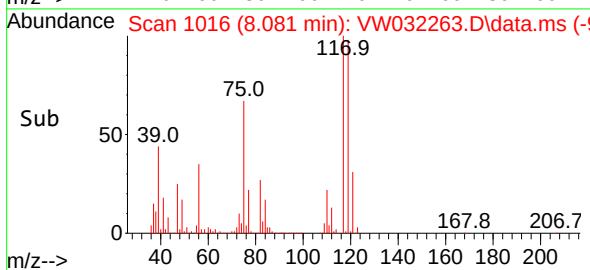
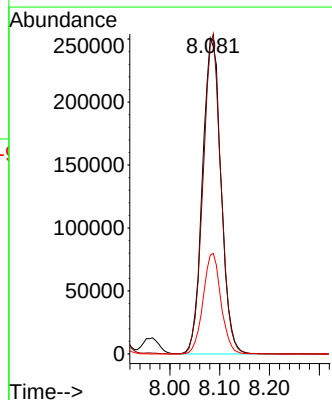
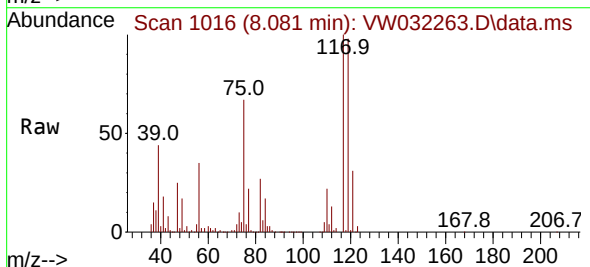
Instrument :
MSVOA_W
ClientSampleId :

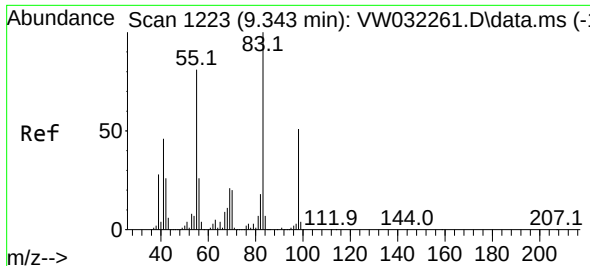
Tgt Ion: 43 Resp: 484636
Ion Ratio Lower Upper
43 100
61 13.8 10.5 15.7
70 10.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 141.229 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

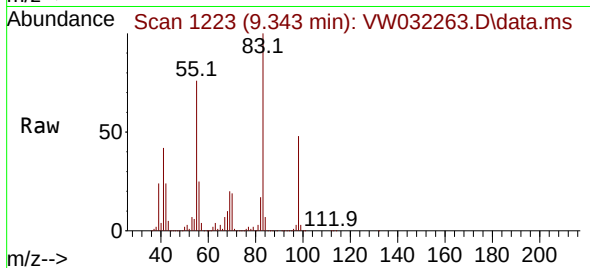
Tgt Ion: 117 Resp: 648359
Ion Ratio Lower Upper
117 100
119 97.7 73.9 110.9
121 31.3 23.0 34.6



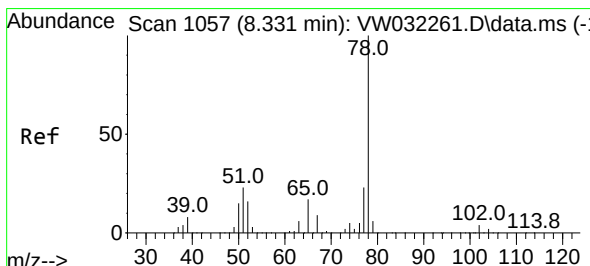
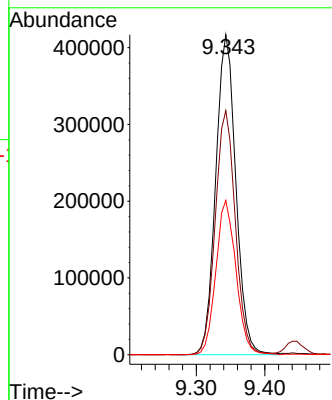
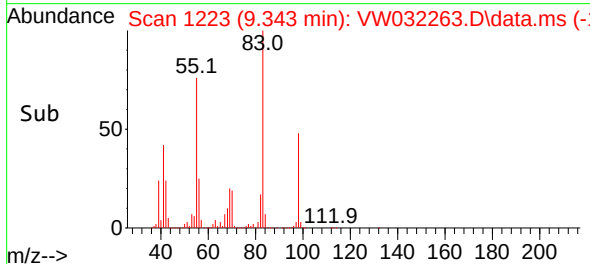


#39
Methylcyclohexane
Concen: 150.722 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Instrument :
MSVOA_W
ClientSampleId :

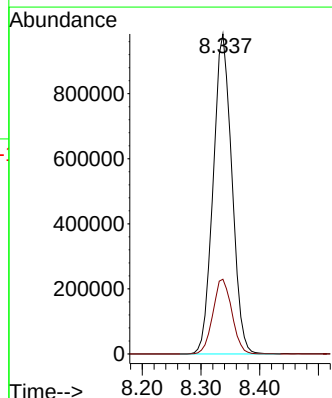
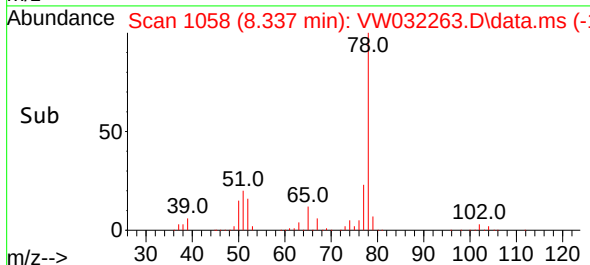
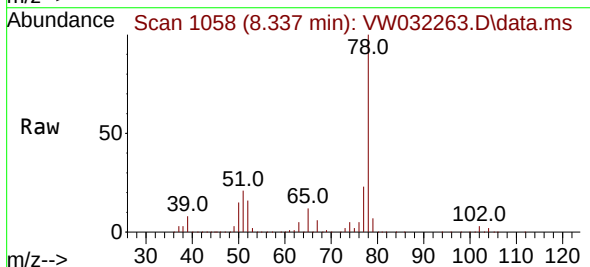


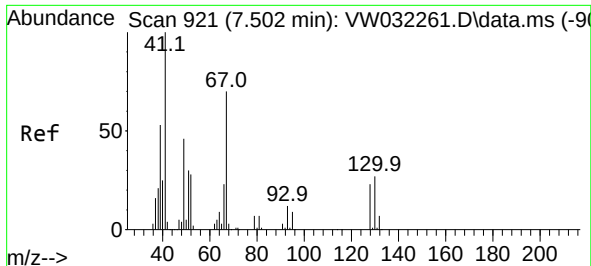
Tgt Ion: 83 Resp: 851000
Ion Ratio Lower Upper
83 100
55 76.3 65.0 97.6
98 48.2 40.8 61.2



#40
Benzene
Concen: 141.329 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

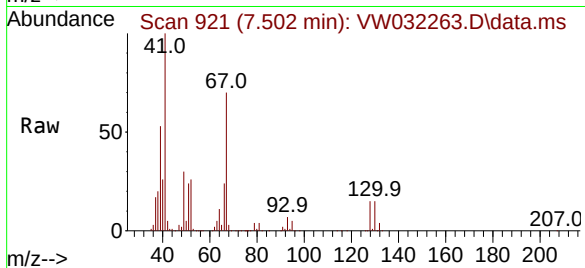
Tgt Ion: 78 Resp: 2170741
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1



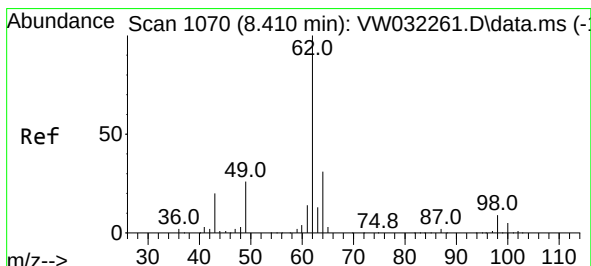
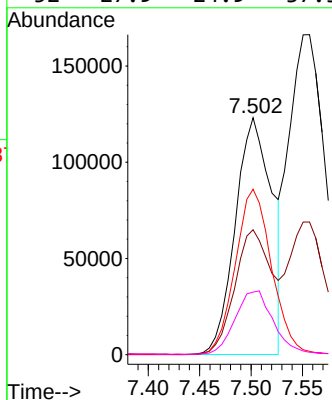
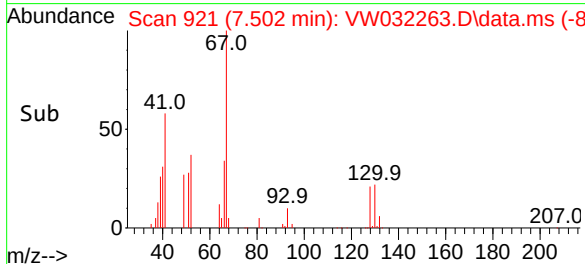


#41
Methacrylonitrile
Concen: 164.987 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Instrument :
MSVOA_W
ClientSampleId :

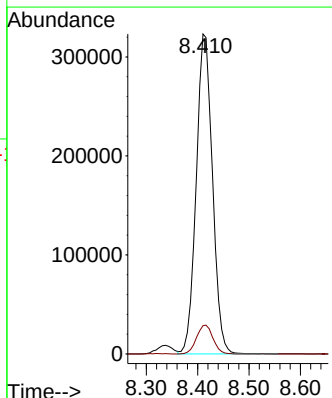
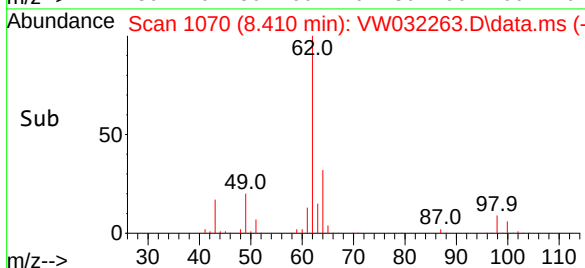
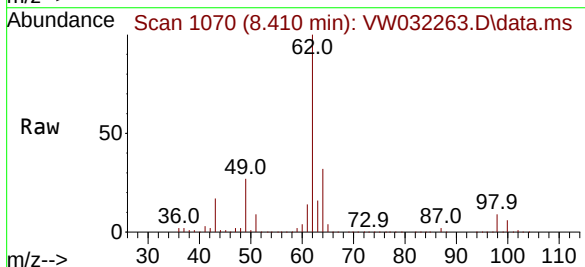


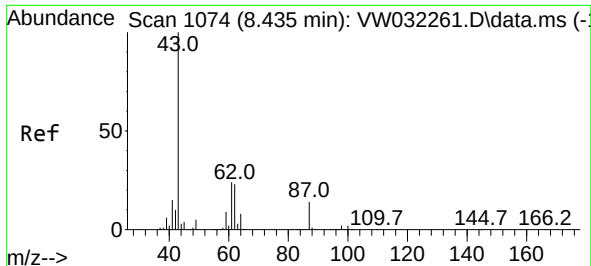
Tgt Ion:	41	Resp:	305799
Ion Ratio	100	Lower	Upper
39	52.7	46.9	70.3
67	69.7	59.0	88.4
52	27.9	24.9	37.3



#42
1,2-Dichloroethane
Concen: 138.911 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:	62	Resp:	709201
Ion Ratio	100	Lower	Upper
98	9.1	0.0	18.4

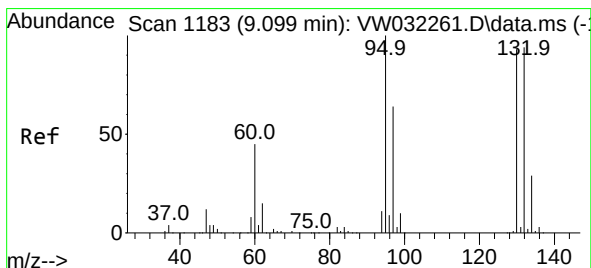
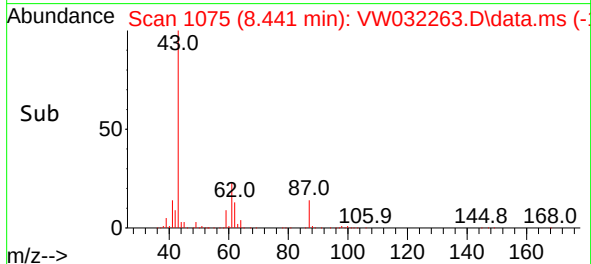
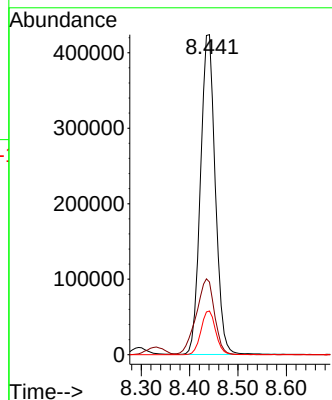
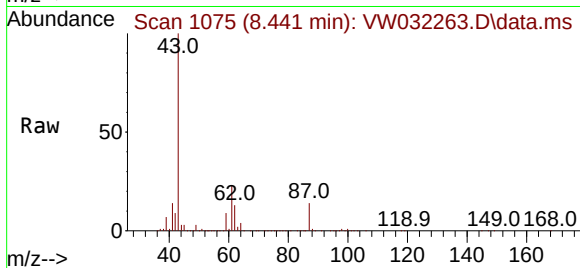




#43
Isopropyl Acetate
Concen: 155.231 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

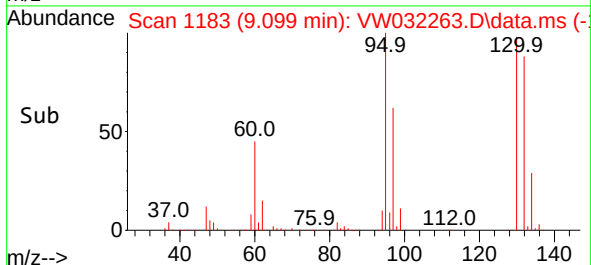
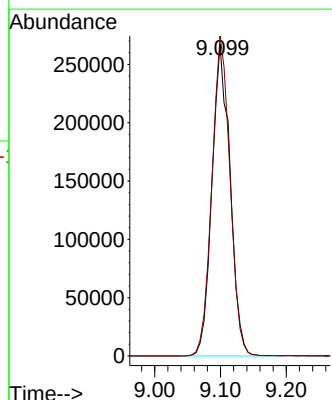
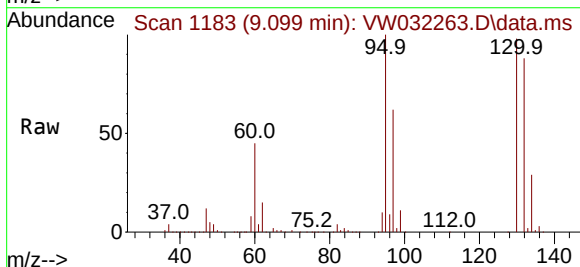
Instrument :
MSVOA_W
ClientSampleId :

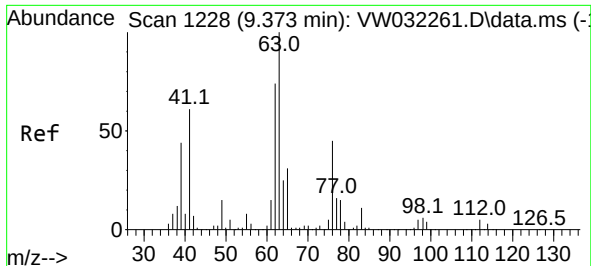
Tgt Ion: 43 Resp: 899258
Ion Ratio Lower Upper
43 100
61 29.3 24.2 36.2
87 13.7 10.6 16.0



#44
Trichloroethene
Concen: 142.728 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:130 Resp: 512412
Ion Ratio Lower Upper
130 100
95 102.5 0.0 215.2





#45

1,2-Dichloropropane

Concen: 141.229 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

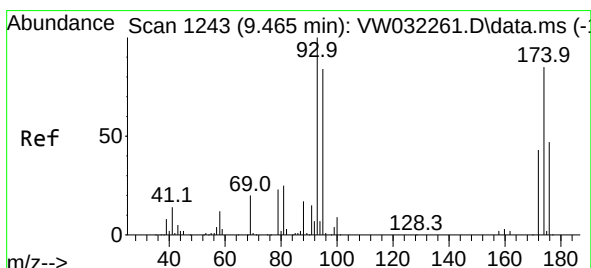
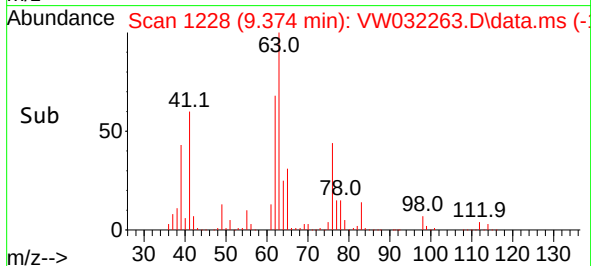
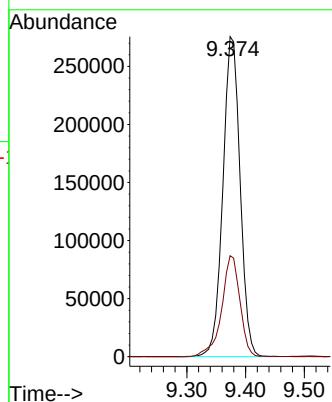
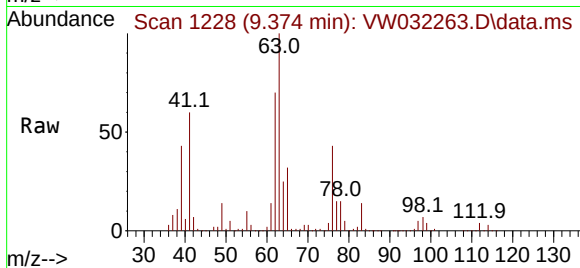
ClientSampleId :

Tgt Ion: 63 Resp: 561821

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 139.871 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

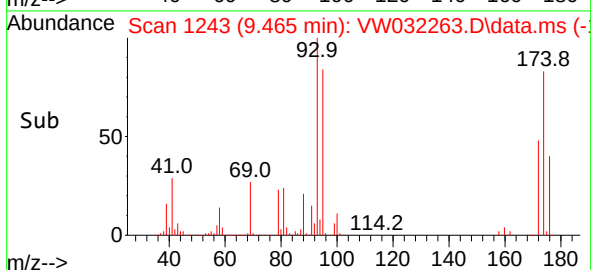
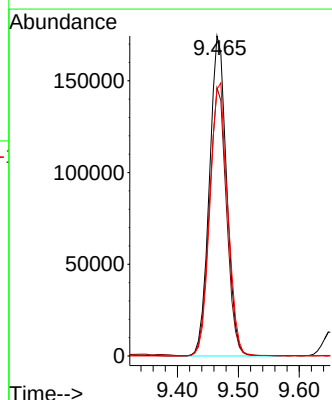
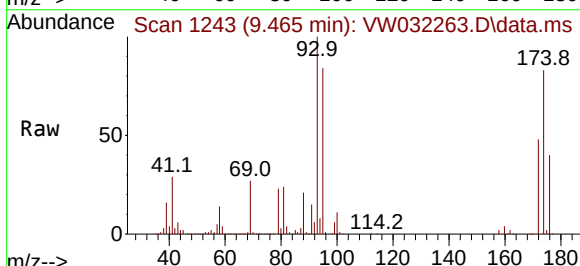
Tgt Ion: 93 Resp: 342097

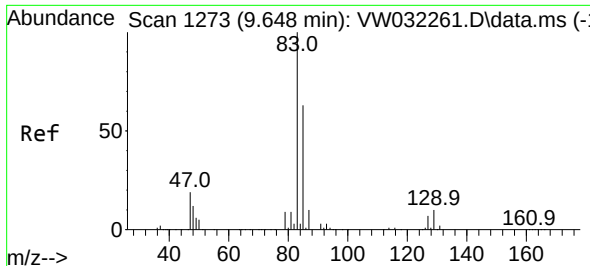
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

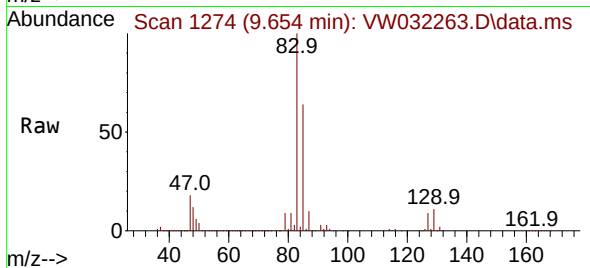
174 87.9 69.0 103.6



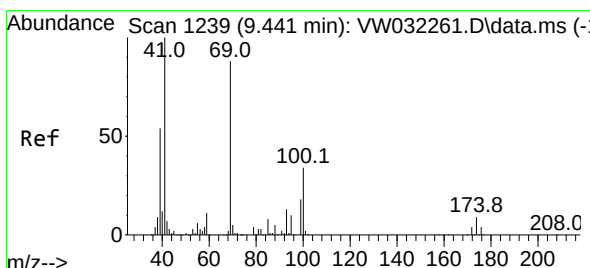
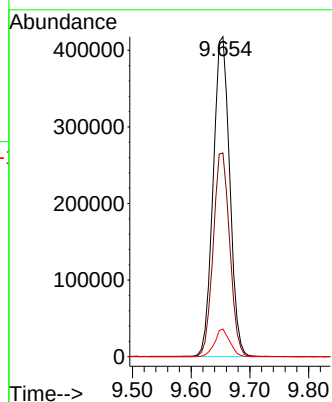
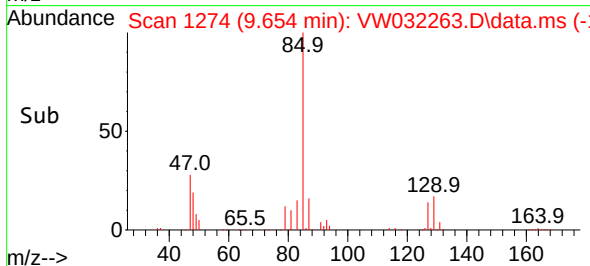


#47
 Bromodichloromethane
 Concen: 146.351 ug/l
 RT: 9.654 min Scan# 1274
 Delta R.T. 0.006 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

Instrument :
 MSVOA_W
 ClientSampleId :

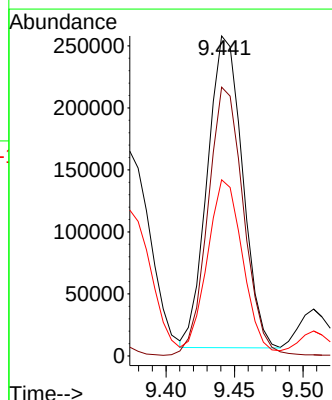
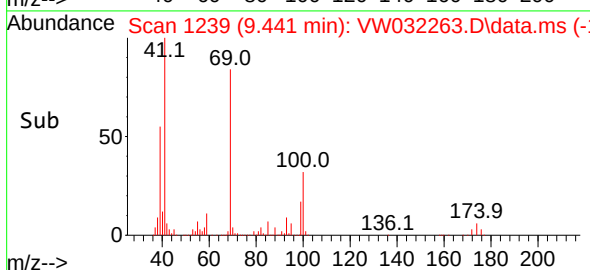
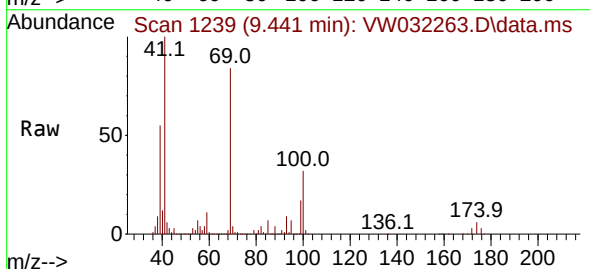


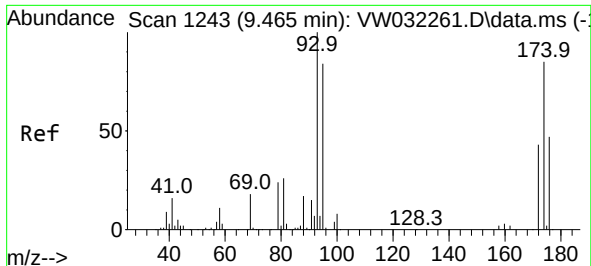
Tgt Ion: 83 Resp: 816402
 Ion Ratio Lower Upper
 83 100
 85 63.7 50.3 75.5
 127 8.6 5.6 8.4#



#48
 Methyl methacrylate
 Concen: 164.241 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

Tgt Ion: 41 Resp: 447621
 Ion Ratio Lower Upper
 41 100
 69 88.1 71.4 107.0
 39 54.0 46.9 70.3





#49

1,4-Dioxane

Concen: 3330.471 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

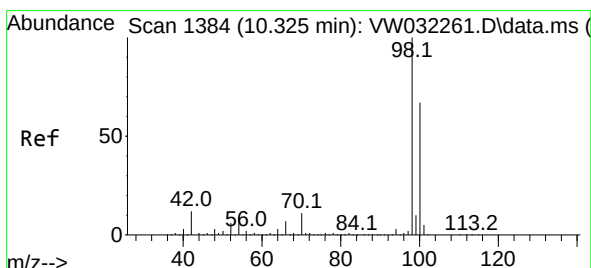
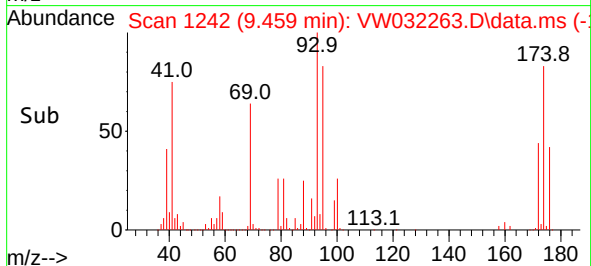
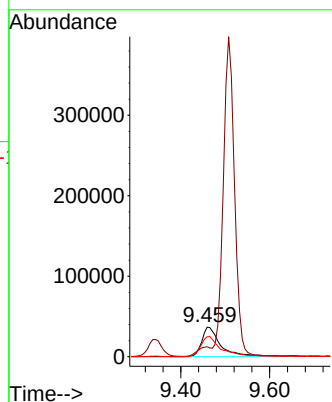
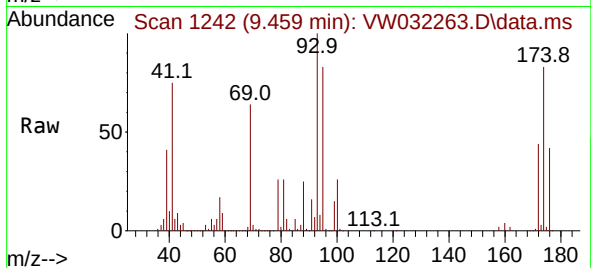
Tgt Ion: 88 Resp: 109095

Ion Ratio Lower Upper

88 100

43 24.6 0.0 0.0#

58 74.5 62.9 94.3



#50

Toluene-d8

Concen: 139.432 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032263.D

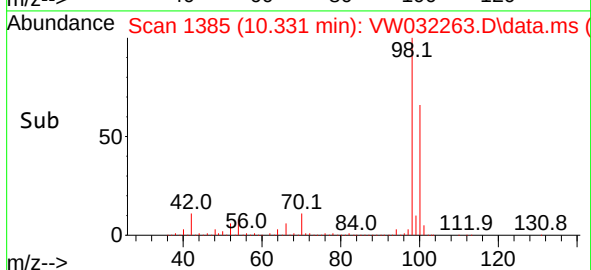
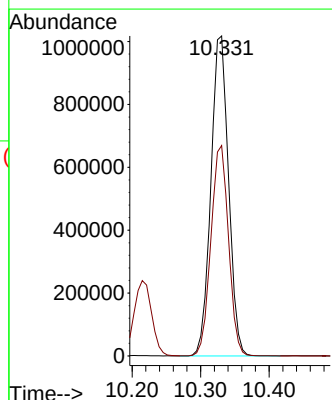
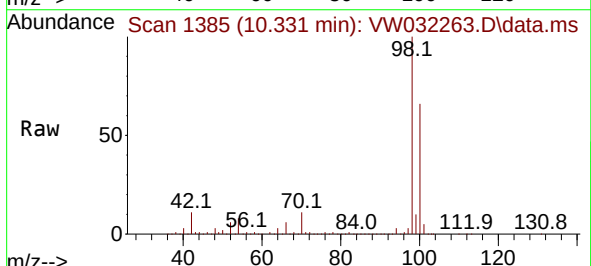
Acq: 25 Sep 2025 13:08

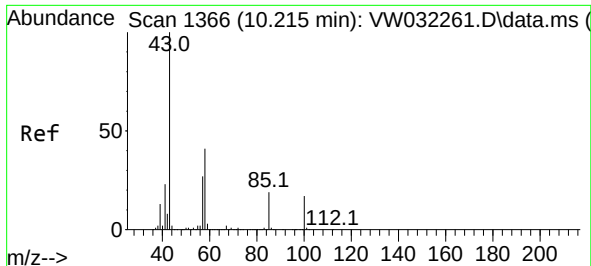
Tgt Ion: 98 Resp: 1818751

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4

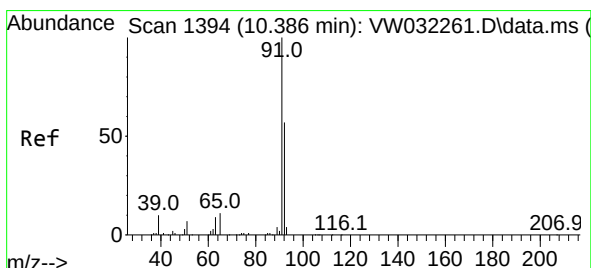
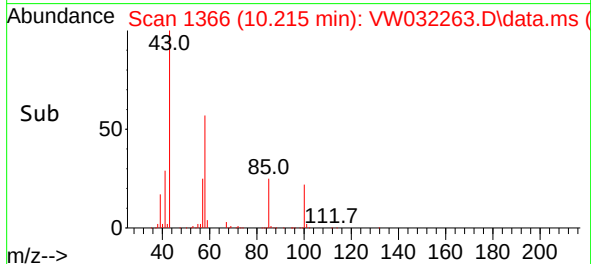
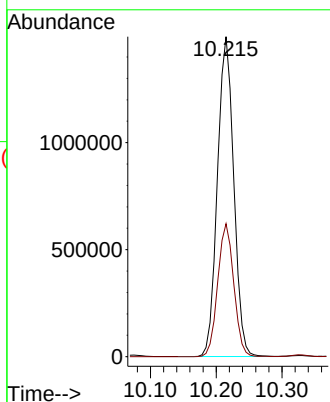
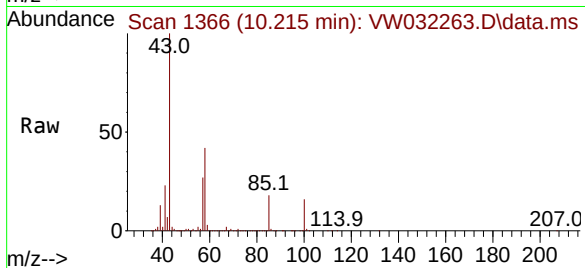




#51
4-Methyl-2-Pentanone
Concen: 751.674 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

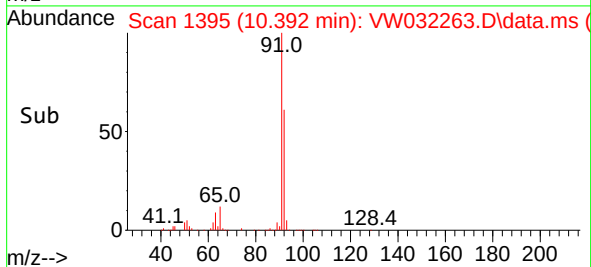
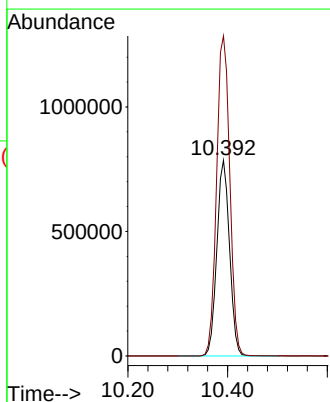
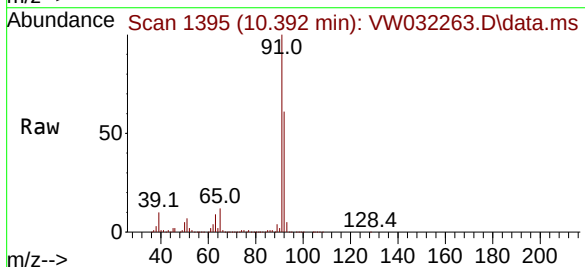
Instrument :
MSVOA_W
ClientSampleId :

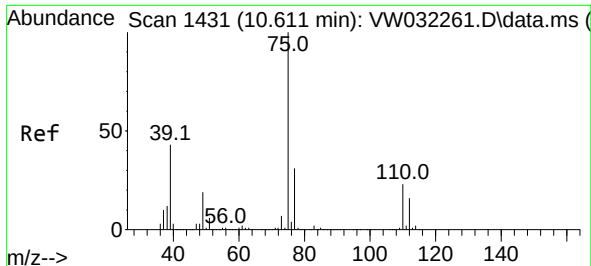
Tgt Ion: 43 Resp: 2581810
Ion Ratio Lower Upper
43 100
58 40.9 32.3 48.5



#52
Toluene
Concen: 145.306 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 92 Resp: 1383297
Ion Ratio Lower Upper
92 100
91 169.9 139.2 208.8

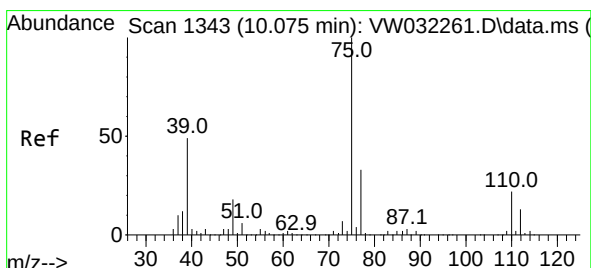
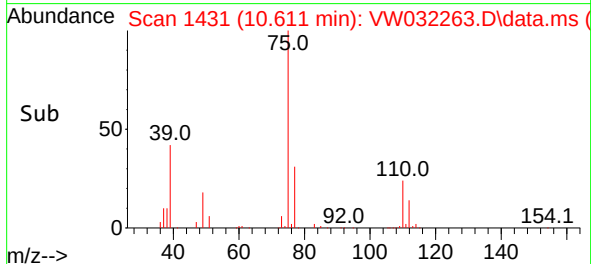
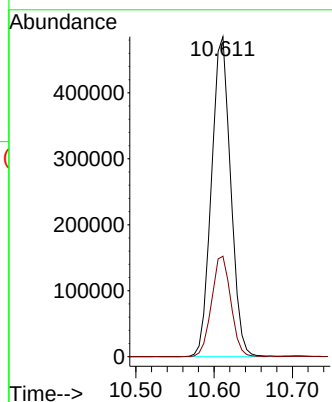
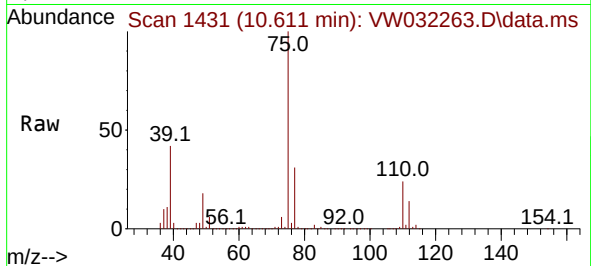




#53
t-1,3-Dichloropropene
Concen: 161.590 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

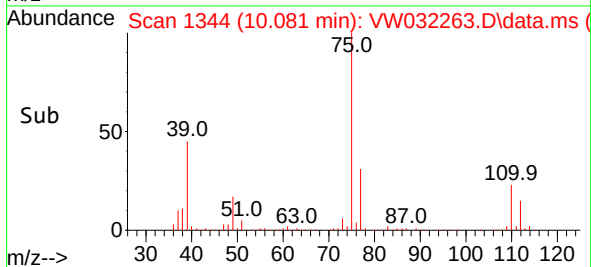
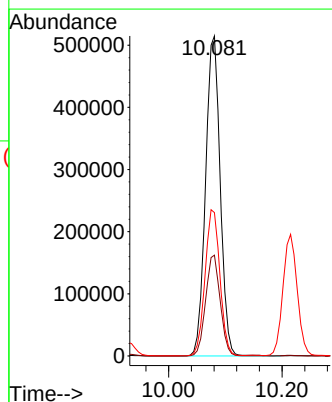
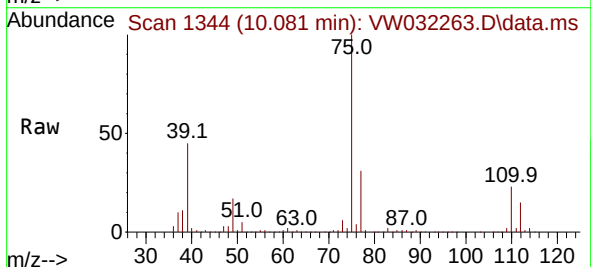
Instrument :
MSVOA_W
ClientSampleId :

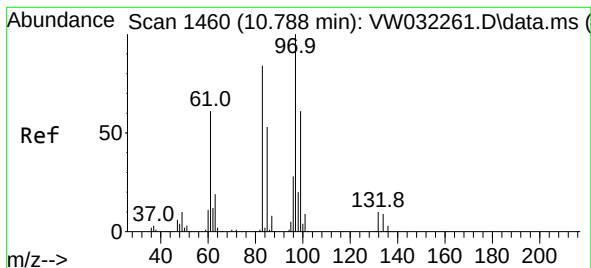
Tgt Ion: 75 Resp: 825886
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 156.407 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 922892
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.4
39 44.7 39.0 58.6

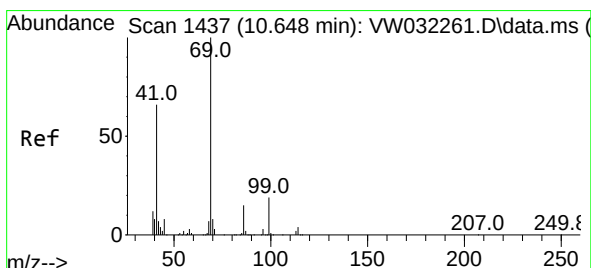
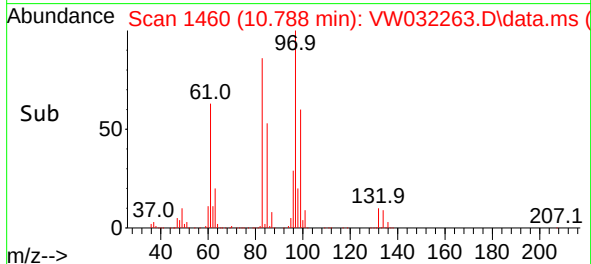
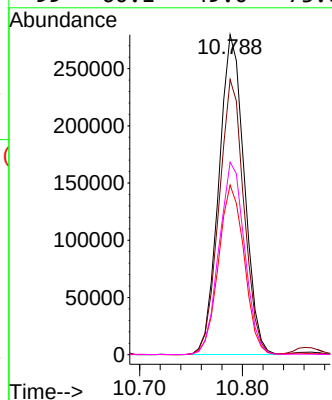
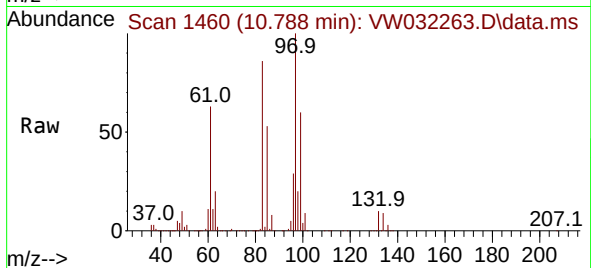




#55
1,1,2-Trichloroethane
Concen: 143.686 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

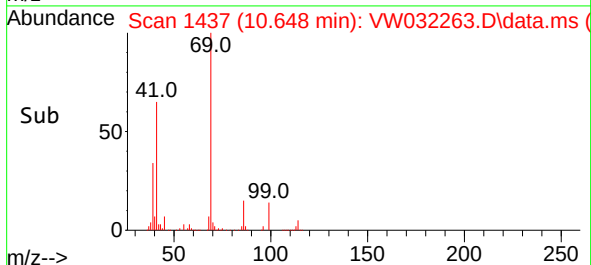
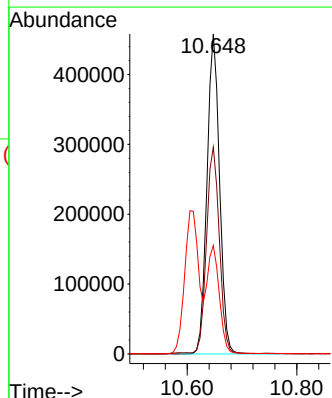
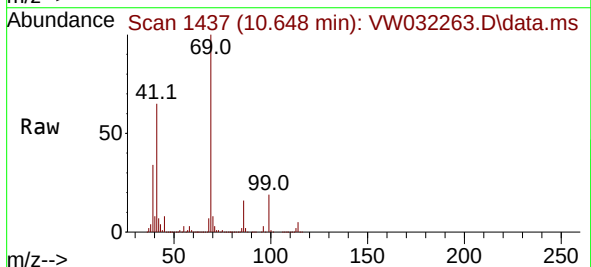
Instrument :
MSVOA_W
ClientSampleId :

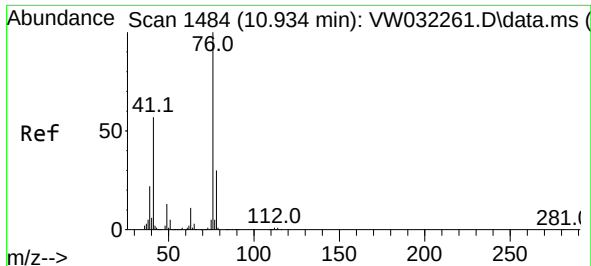
Tgt Ion:	97	Resp:	479692
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.4	101.2
85	53.0	42.0	63.0
99	60.1	49.0	73.6



#56
Ethyl methacrylate
Concen: 164.704 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:	69	Resp:	724292
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.7	82.1
39	32.4	26.3	39.5





#57

1,3-Dichloropropane

Concen: 143.381 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

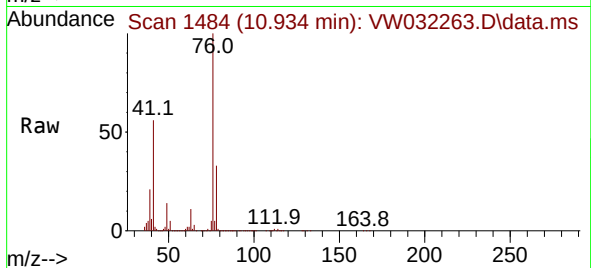
Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

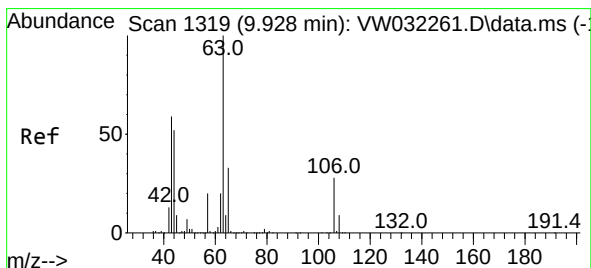
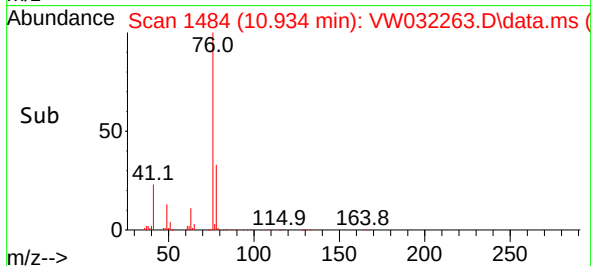
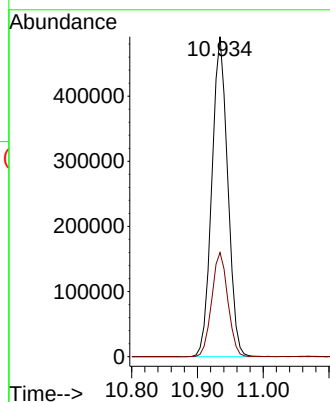


Tgt Ion: 76 Resp: 826934

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 815.074 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032263.D

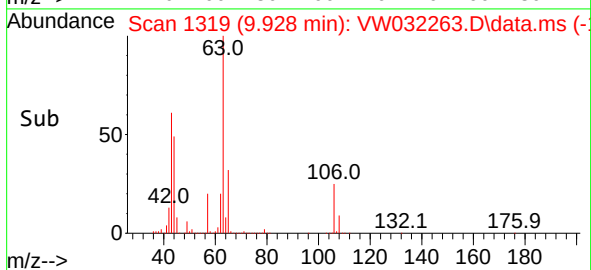
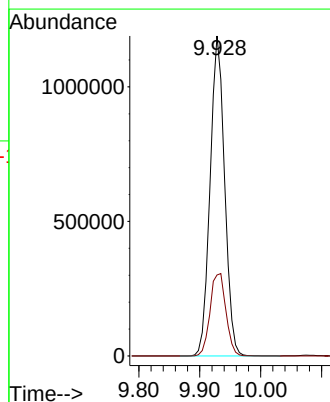
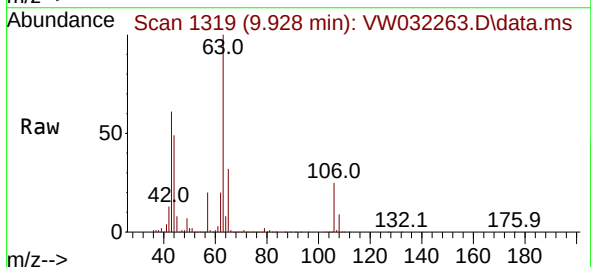
Acq: 25 Sep 2025 13:08

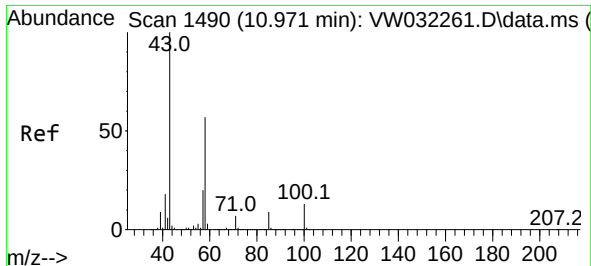
Tgt Ion: 63 Resp: 1967595

Ion Ratio Lower Upper

63 100

106 28.1 22.5 33.7

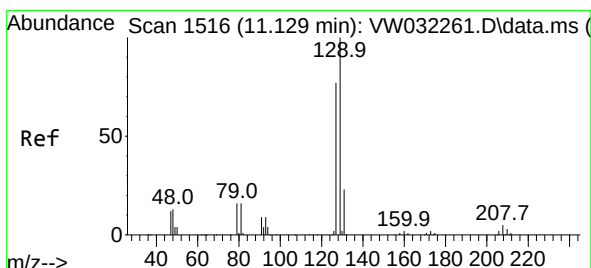
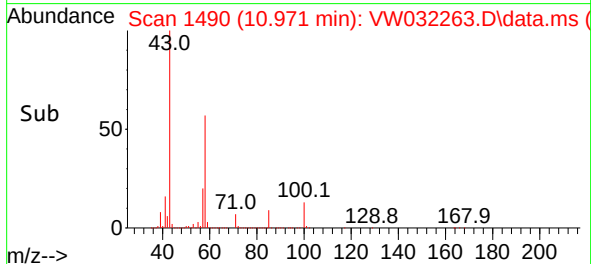
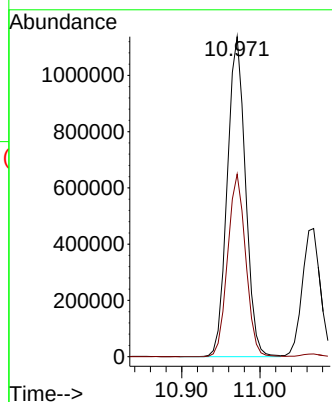
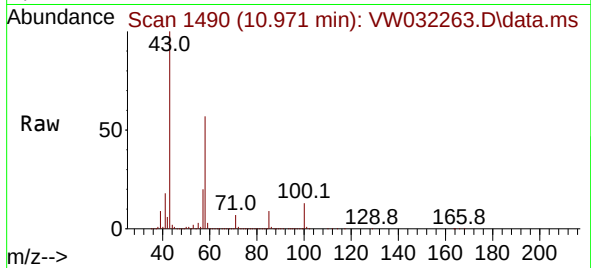




#59
2-Hexanone
Concen: 781.907 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

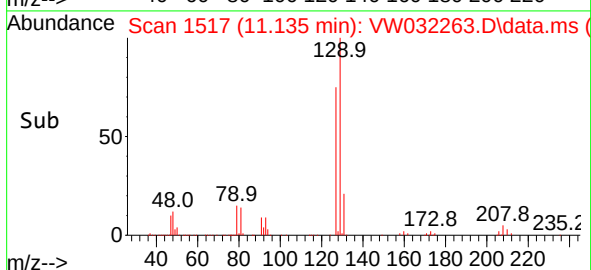
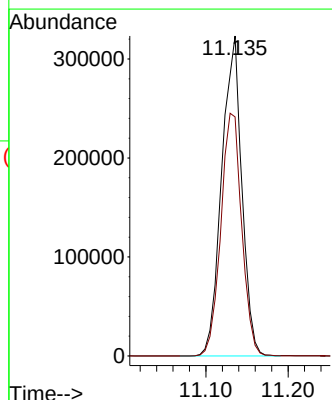
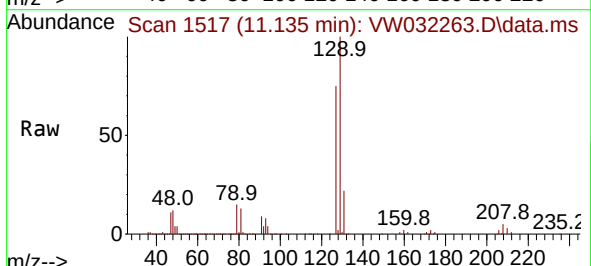
Instrument :
MSVOA_W
ClientSampleId :

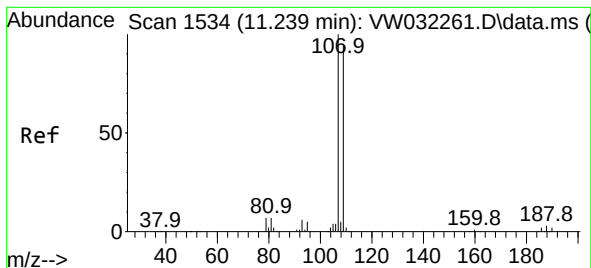
Tgt Ion: 43 Resp: 1834008
Ion Ratio Lower Upper
43 100
58 56.5 27.9 83.6



#60
Dibromochloromethane
Concen: 149.762 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:129 Resp: 549090
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 147.671 ug/l

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

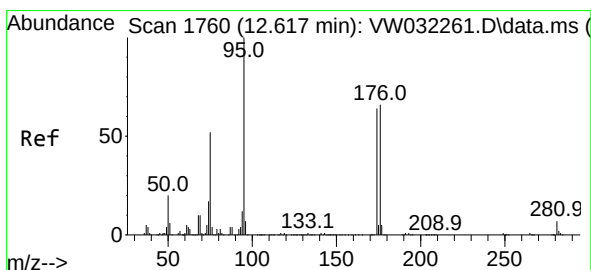
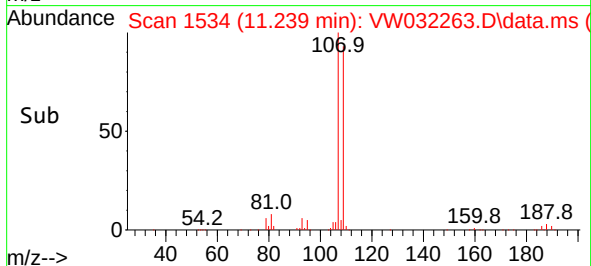
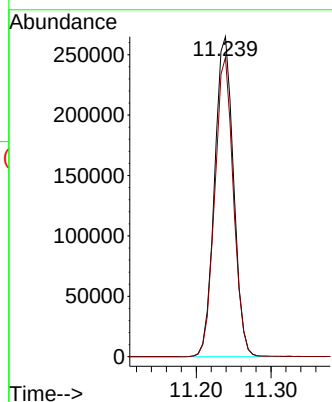
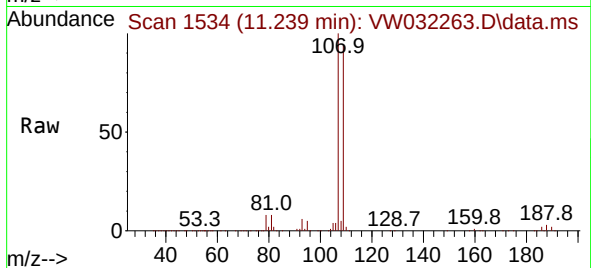
ClientSampleId :

Tgt Ion:107 Resp: 467063

Ion Ratio Lower Upper

107 100

109 92.3 74.1 111.1



#62

4-Bromofluorobenzene

Concen: 140.528 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

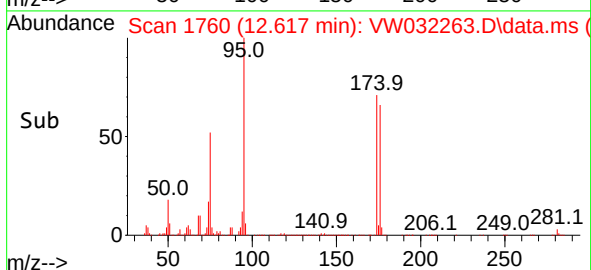
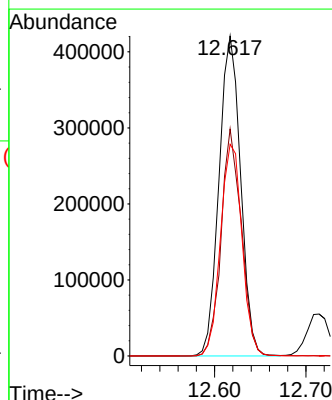
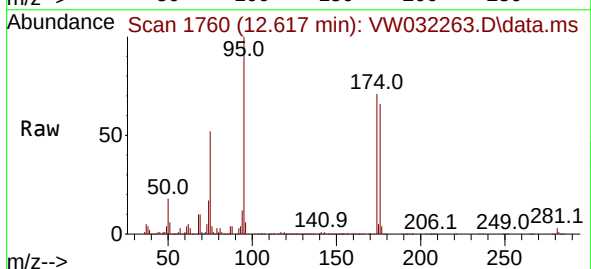
Tgt Ion: 95 Resp: 691432

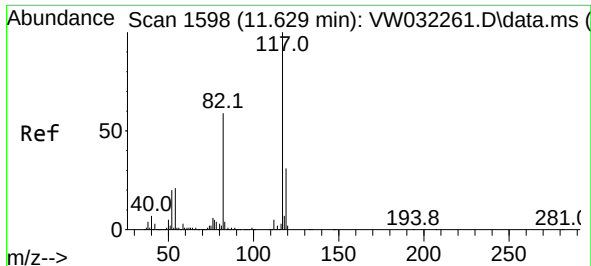
Ion Ratio Lower Upper

95 100

174 66.7 0.0 130.6

176 66.2 0.0 127.0

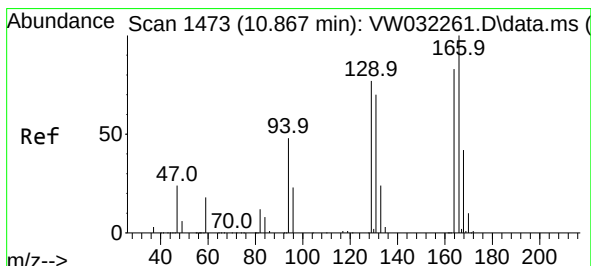
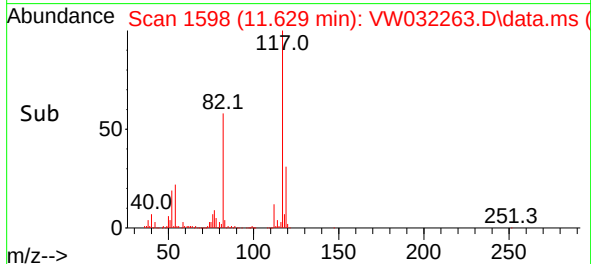
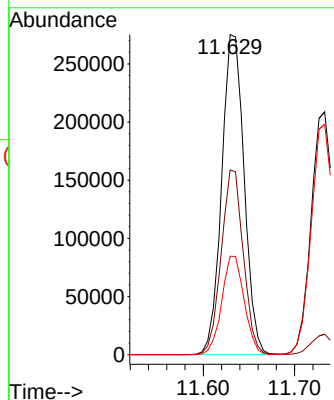
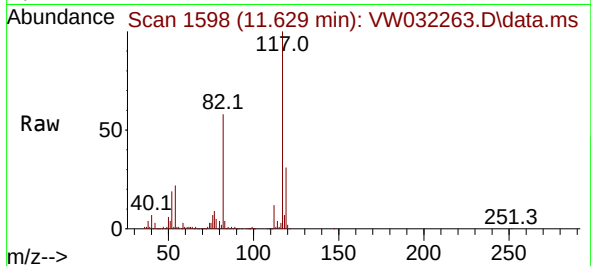




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

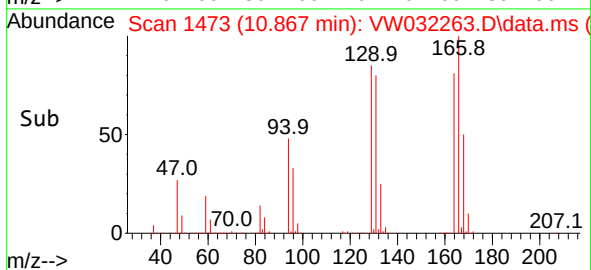
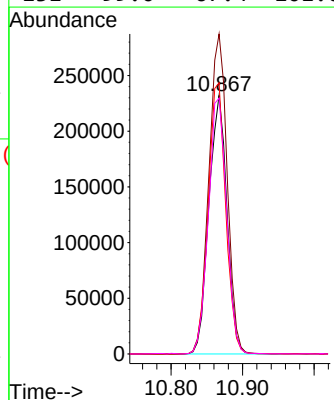
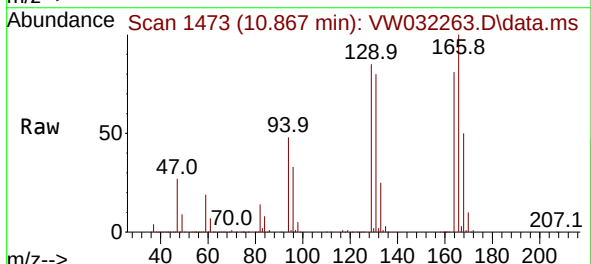
Instrument :
MSVOA_W
ClientSampleId :

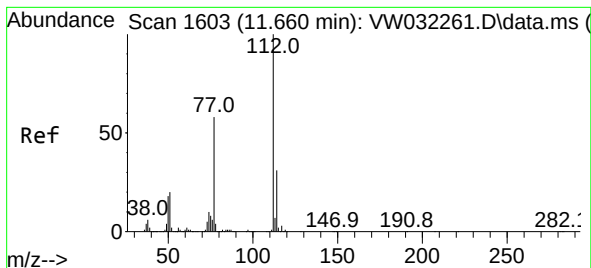
Tgt Ion:117 Resp: 471325
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 30.8 24.9 37.3



#64
Tetrachloroethene
Concen: 141.775 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:164 Resp: 407222
Ion Ratio Lower Upper
164 100
166 123.8 96.9 145.3
129 104.9 75.0 112.4
131 99.0 67.4 101.0





#65

Chlorobenzene

Concen: 142.042 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

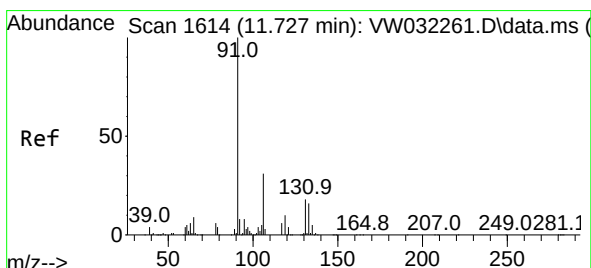
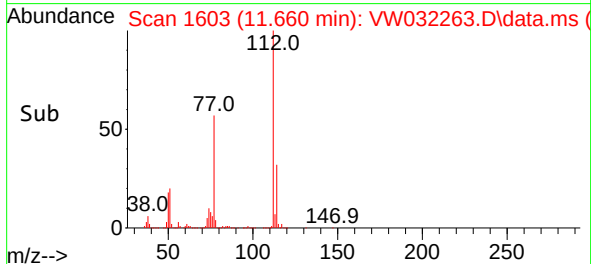
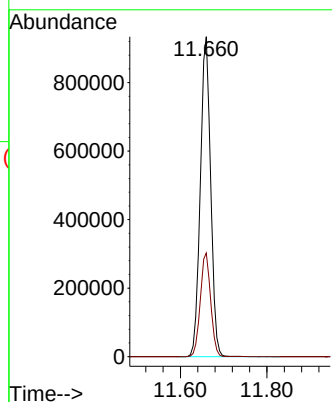
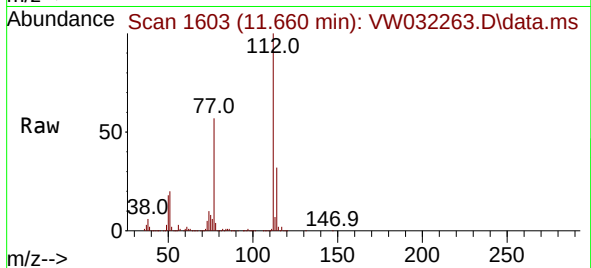
ClientSampleId :

Tgt Ion:112 Resp: 1542105

Ion Ratio Lower Upper

112 100

114 32.4 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 148.829 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

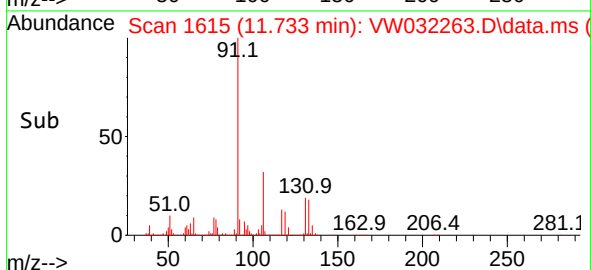
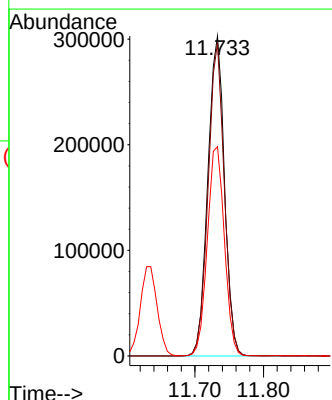
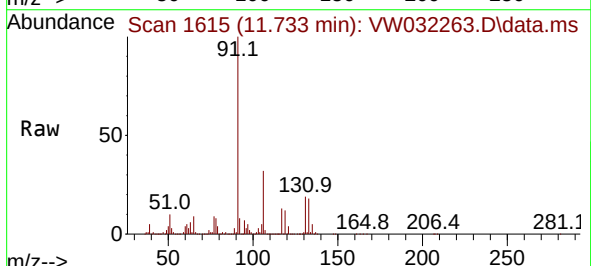
Tgt Ion:131 Resp: 511003

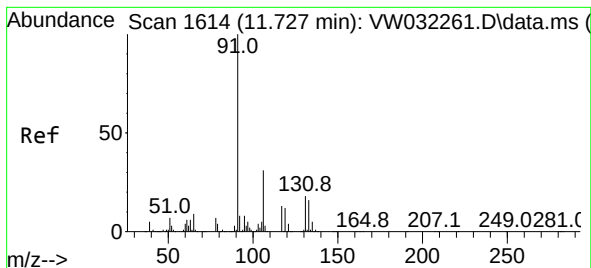
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.3

119 67.4 33.9 101.7

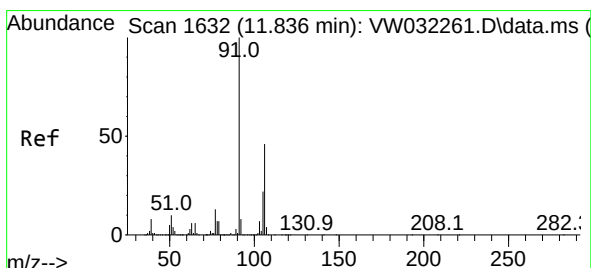
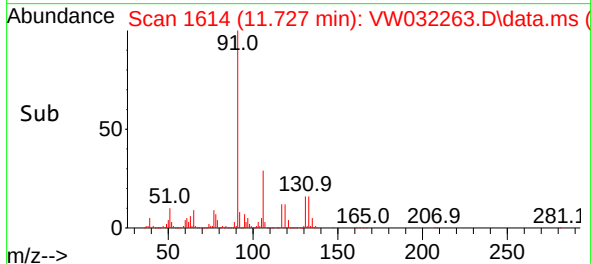
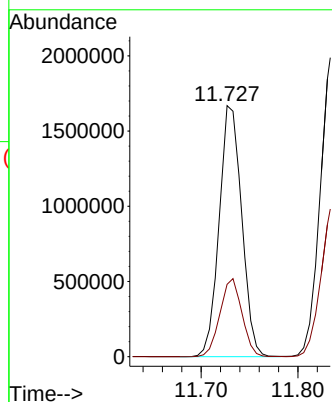
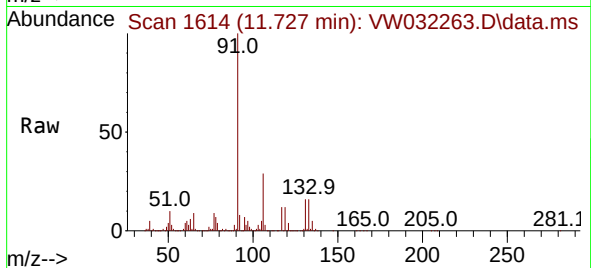




#67
Ethyl Benzene
Concen: 151.851 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

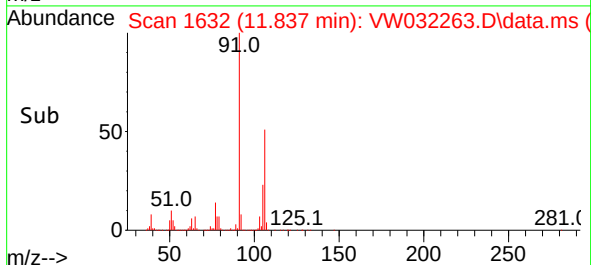
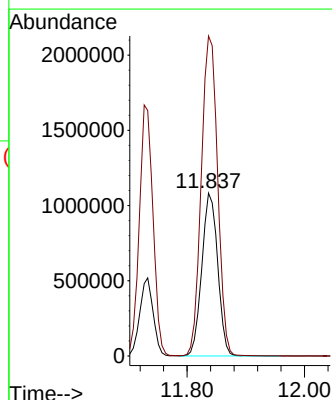
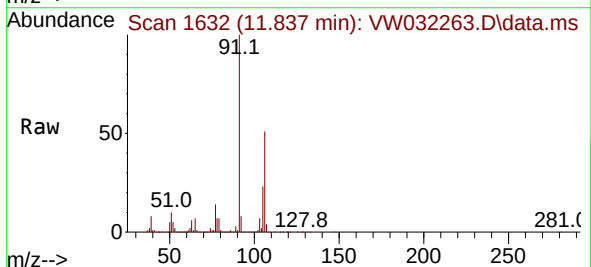
Instrument :
MSVOA_W
ClientSampleId :

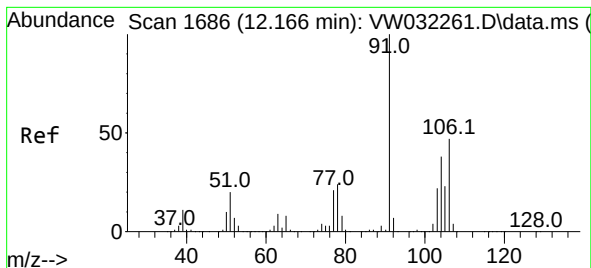
Tgt Ion: 91 Resp: 2698460
Ion Ratio Lower Upper
91 100
106 28.8 24.7 37.1



#68
m/p-Xylenes
Concen: 297.855 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:106 Resp: 2029004
Ion Ratio Lower Upper
106 100
91 202.8 169.0 253.4

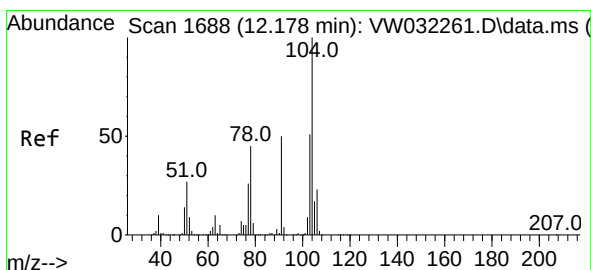
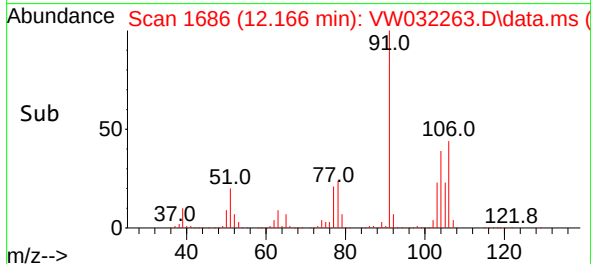
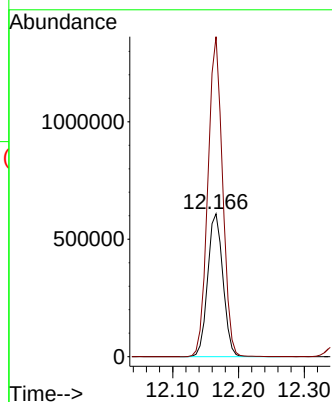
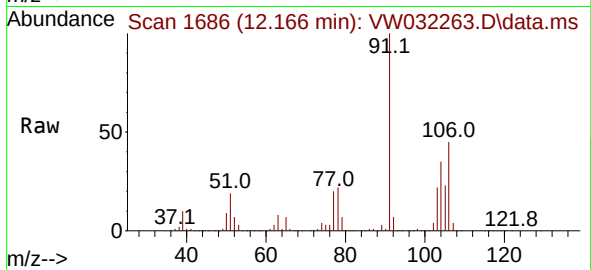




#69
o-Xylene
Concen: 153.220 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

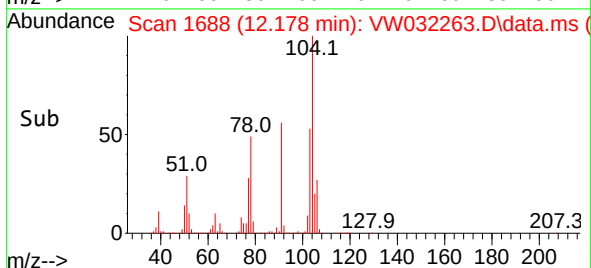
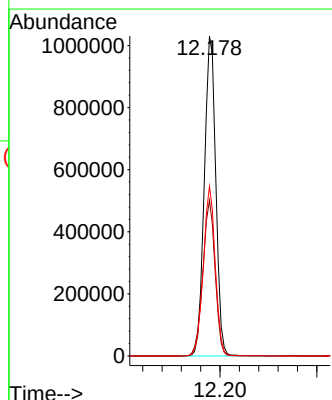
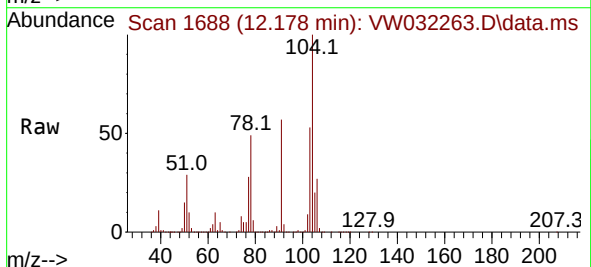
Instrument :
MSVOA_W
ClientSampleId :

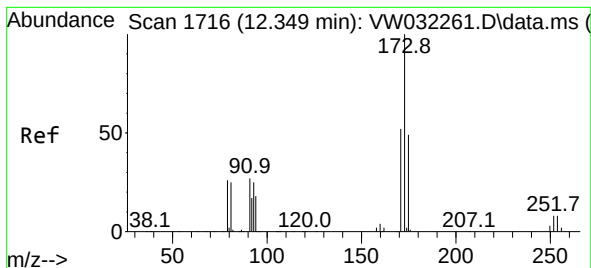
Tgt Ion:106 Resp: 980912
Ion Ratio Lower Upper
106 100
91 215.9 107.8 323.6



#70
Styrene
Concen: 151.648 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:104 Resp: 1702538
Ion Ratio Lower Upper
104 100
78 51.6 40.8 61.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 157.711 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

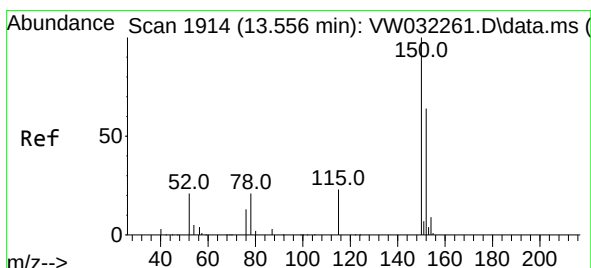
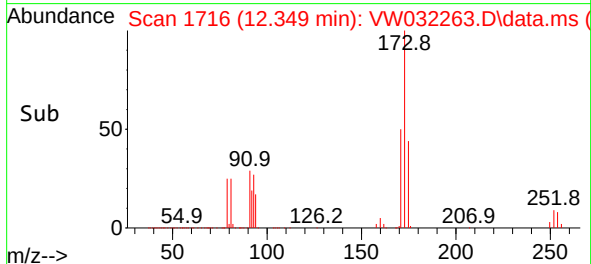
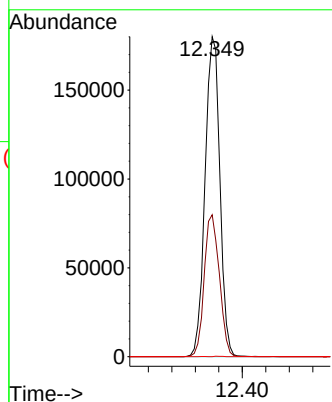
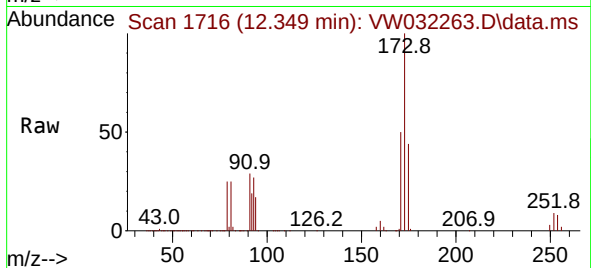
Tgt Ion:173 Resp: 315558

Ion Ratio Lower Upper

173 100

175 45.3 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: VW032263.D

Acq: 25 Sep 2025 13:08

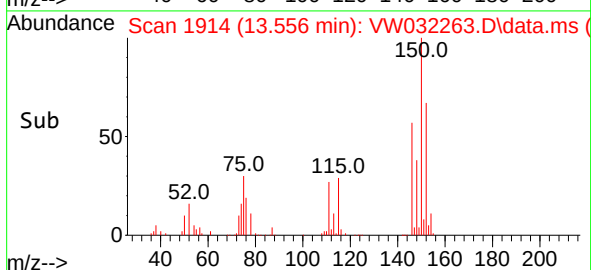
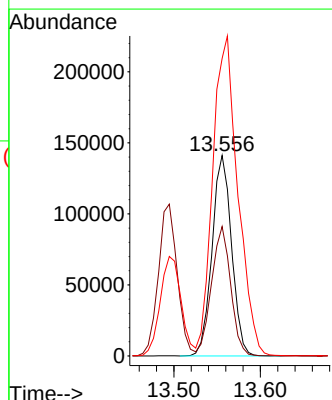
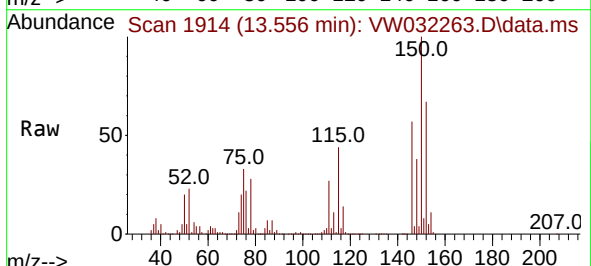
Tgt Ion:152 Resp: 221054

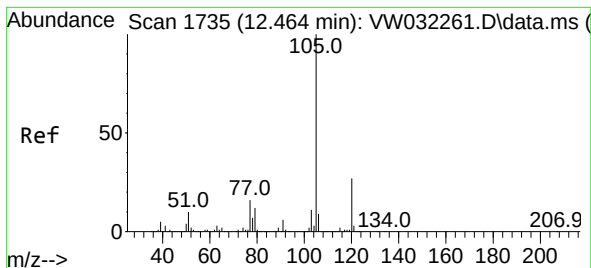
Ion Ratio Lower Upper

152 100

115 63.2 32.5 97.5

150 205.1 0.0 370.2





#73

Isopropylbenzene

Concen: 161.210 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

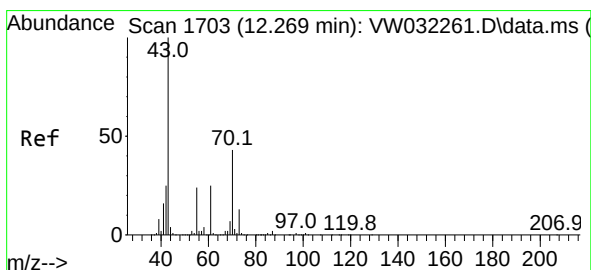
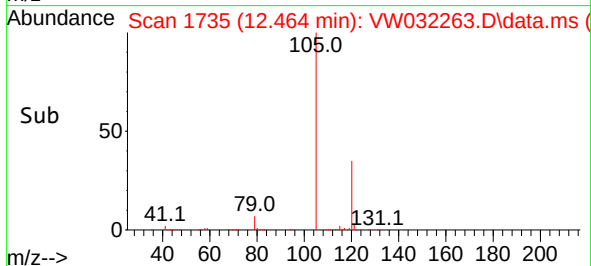
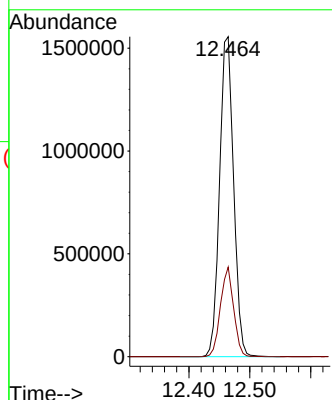
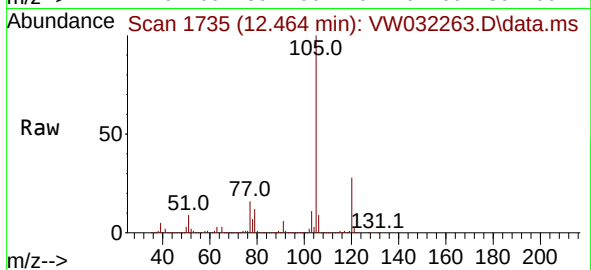
ClientSampleId :

Tgt Ion:105 Resp: 2480347

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



#74

N-ethyl acetate

Concen: 164.633 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 797679

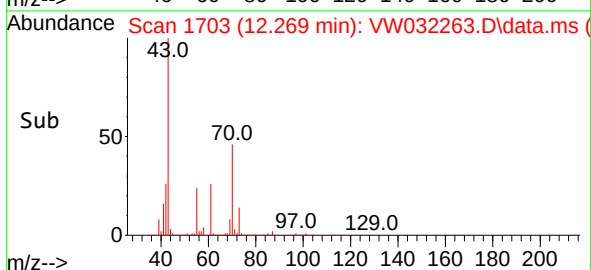
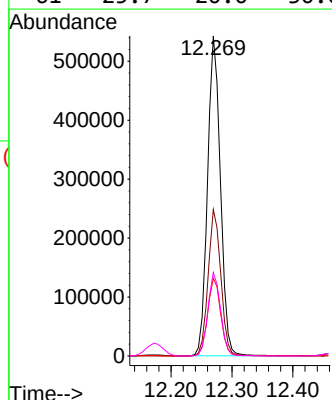
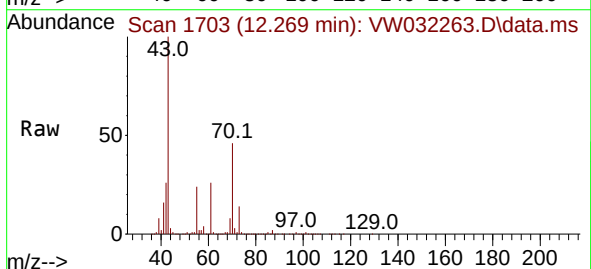
Ion Ratio Lower Upper

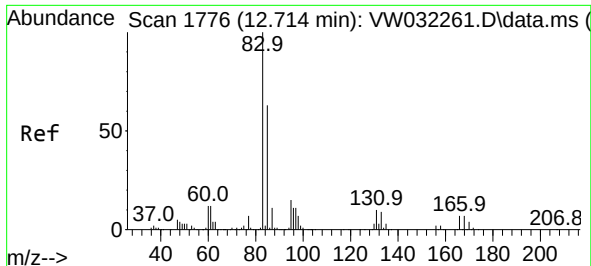
43 100

70 45.3 35.0 52.4

55 24.8 20.6 31.0

61 25.7 20.0 30.0

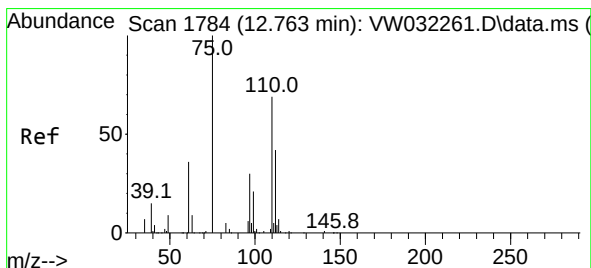
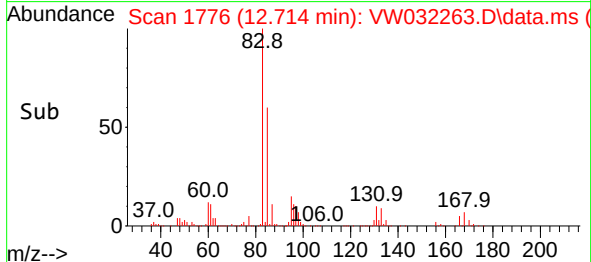
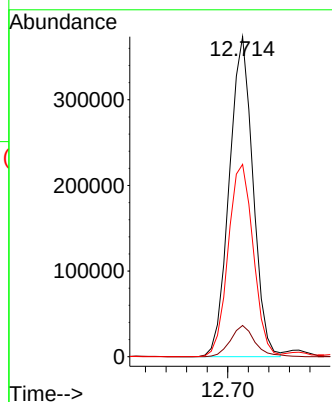
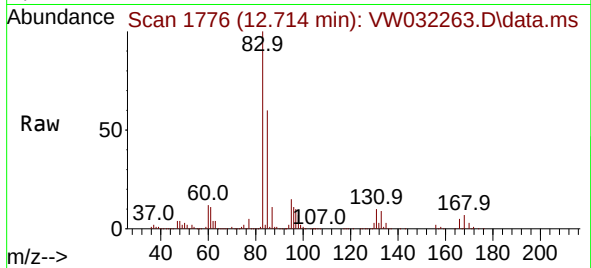




#75
1,1,2,2-Tetrachloroethane
Concen: 148.312 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

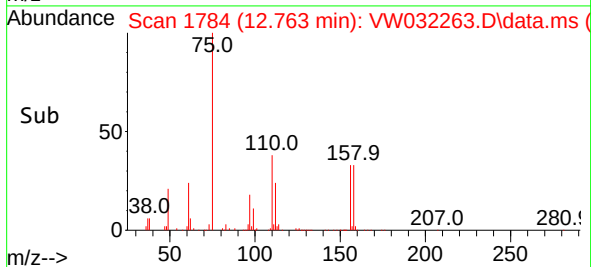
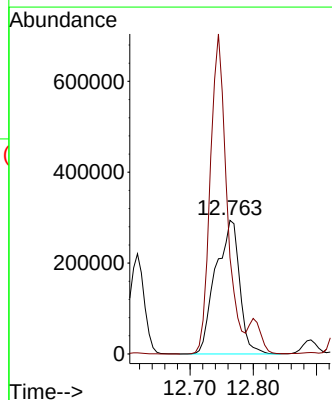
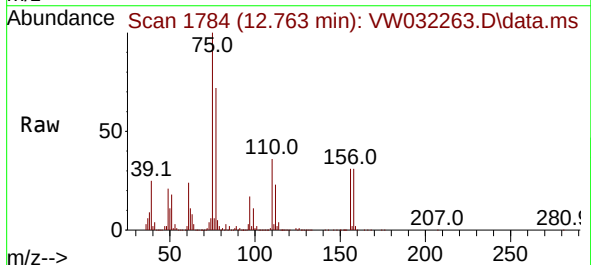
Instrument :
MSVOA_W
ClientSampleId :

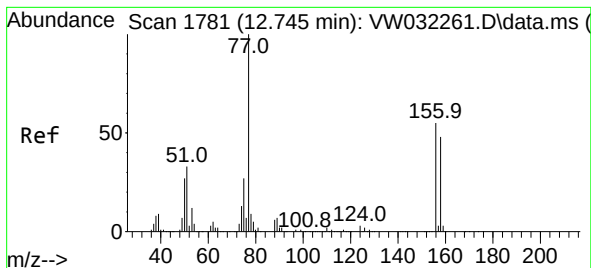
Tgt Ion: 83 Resp: 598288
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 221.391 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 769675
Ion Ratio Lower Upper
75 100
77 167.5 140.9 422.7





#77

Bromobenzene

Concen: 152.279 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

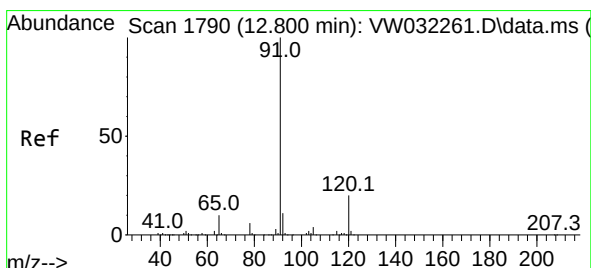
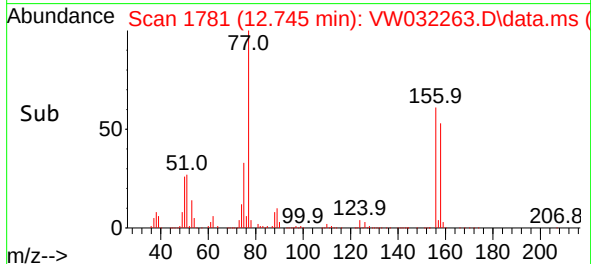
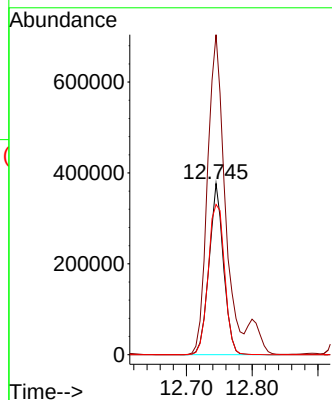
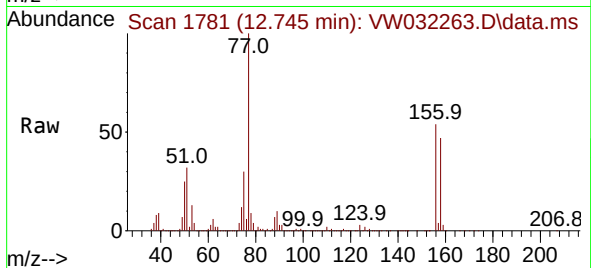
Tgt Ion:156 Resp: 576269

Ion Ratio Lower Upper

156 100

77 223.7 103.3 309.8

158 100.0 45.4 136.2



#78

n-propylbenzene

Concen: 153.818 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032263.D

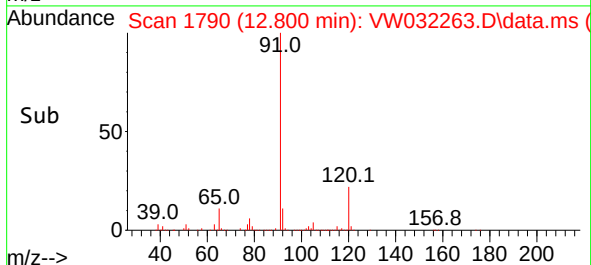
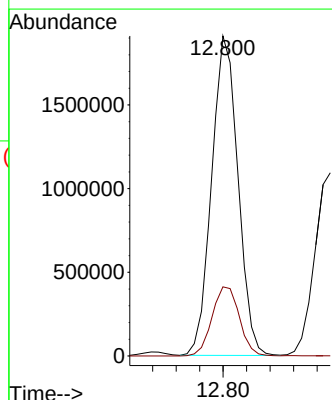
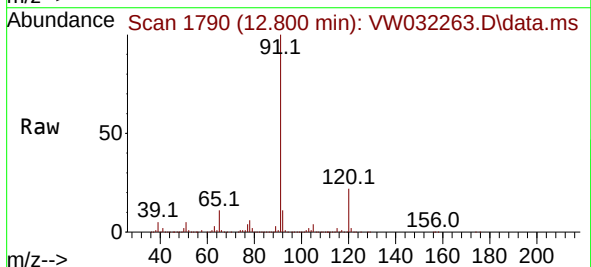
Acq: 25 Sep 2025 13:08

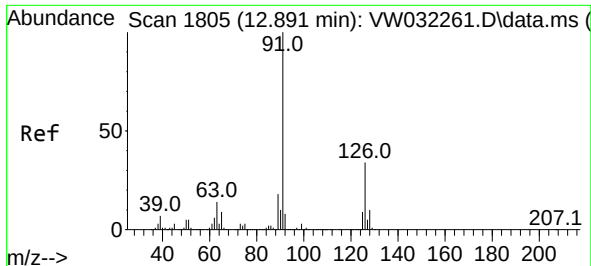
Tgt Ion: 91 Resp: 2972678

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9

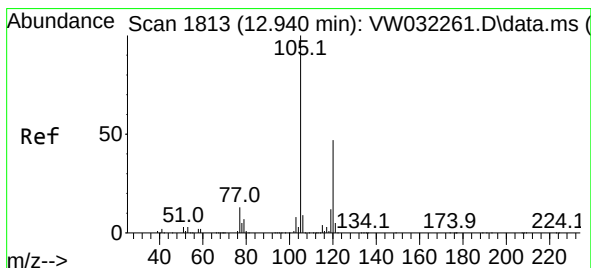
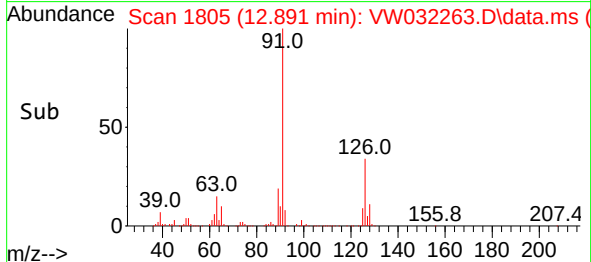
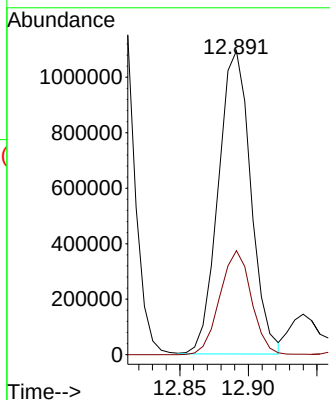
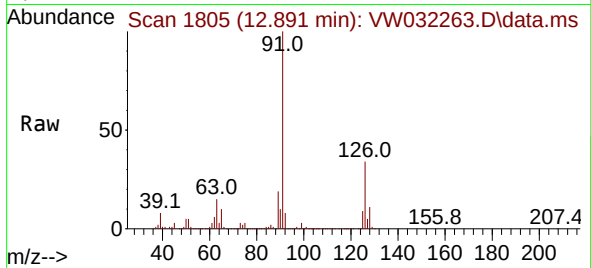




#79
2-Chlorotoluene
Concen: 154.293 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

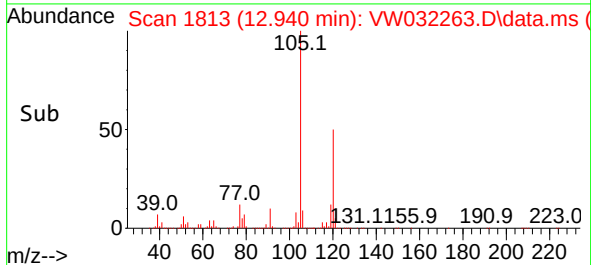
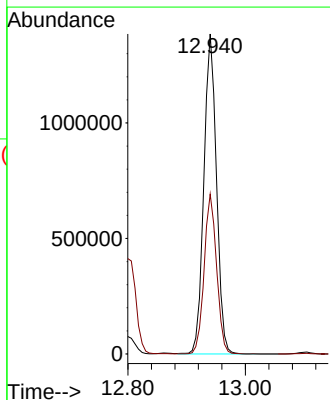
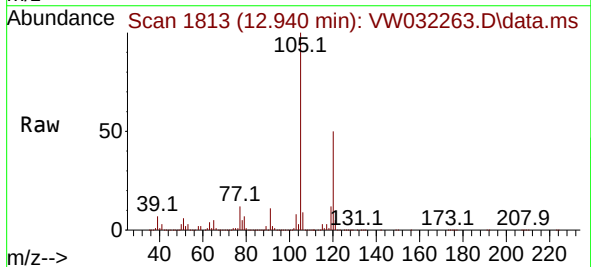
Instrument :
MSVOA_W
ClientSampleId :

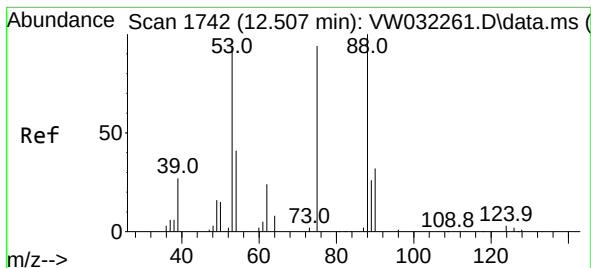
Tgt Ion: 91 Resp: 1806322
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 157.118 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 2066765
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.2

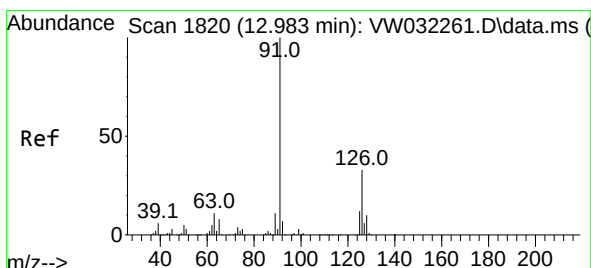
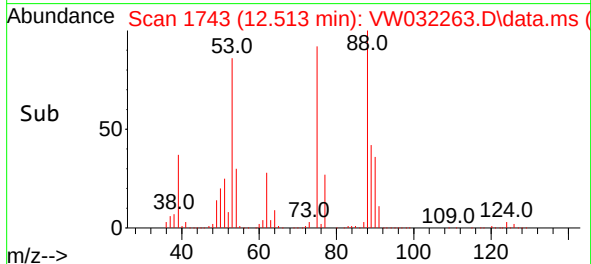
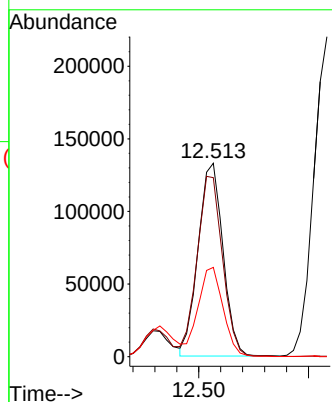
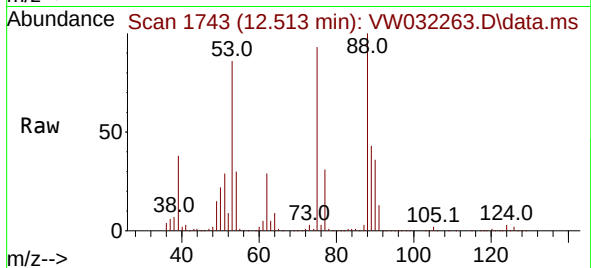




#81
trans-1,4-Dichloro-2-butene
Concen: 178.617 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

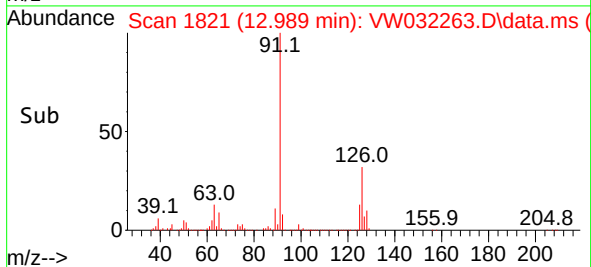
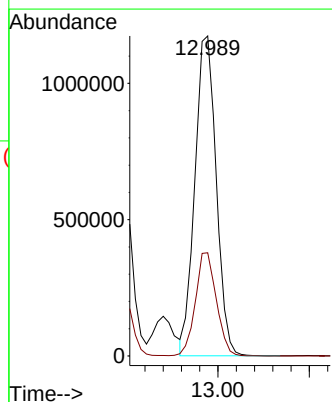
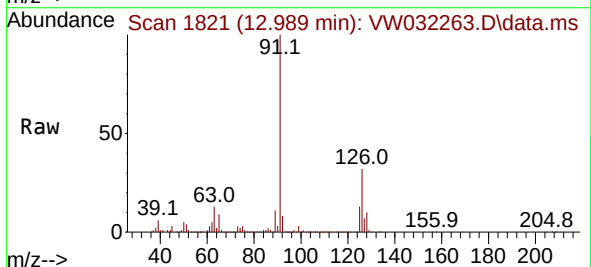
Instrument :
MSVOA_W
ClientSampleId :

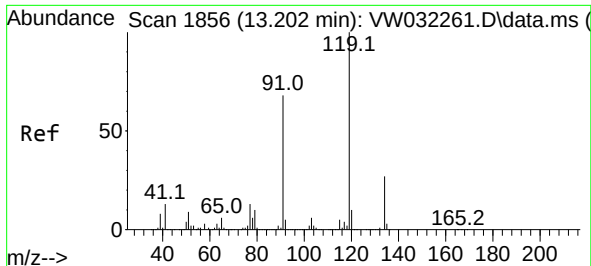
Tgt Ion: 75 Resp: 209132
Ion Ratio Lower Upper
75 100
53 96.9 81.4 122.2
89 47.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 153.811 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 1903051
Ion Ratio Lower Upper
91 100
126 31.8 16.5 49.5

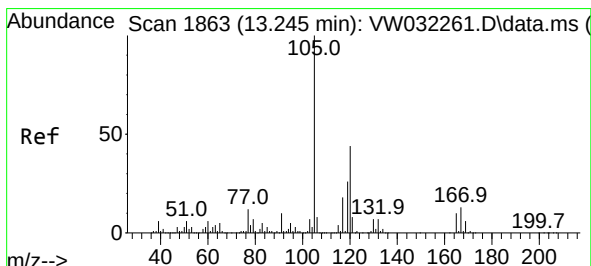
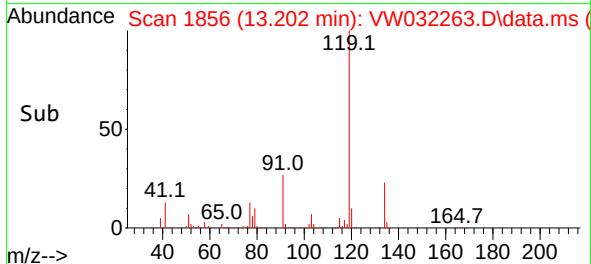
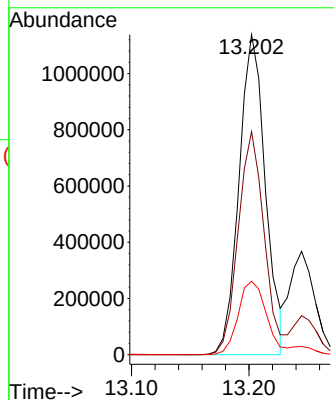
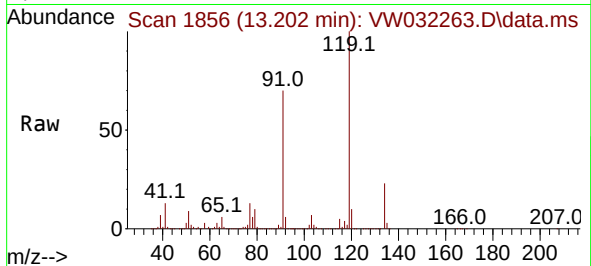




#83
tert-Butylbenzene
Concen: 161.195 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

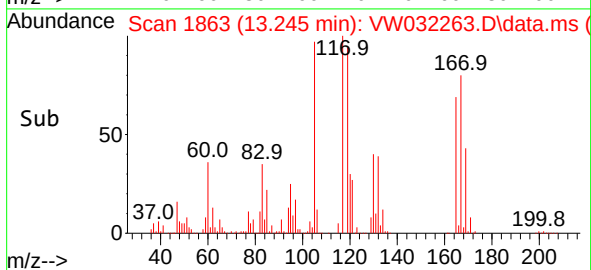
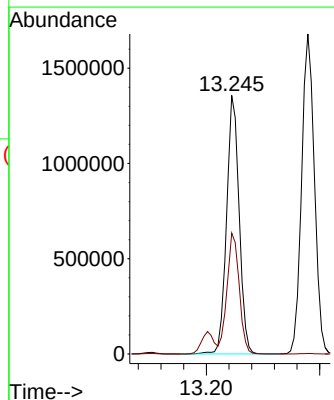
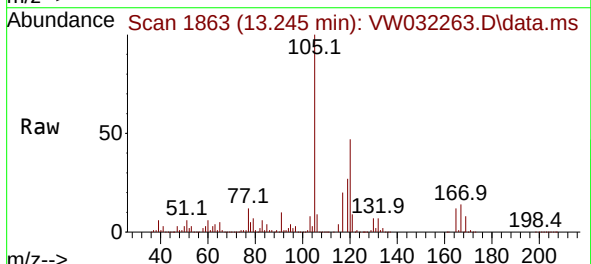
Instrument :
MSVOA_W
ClientSampleId :

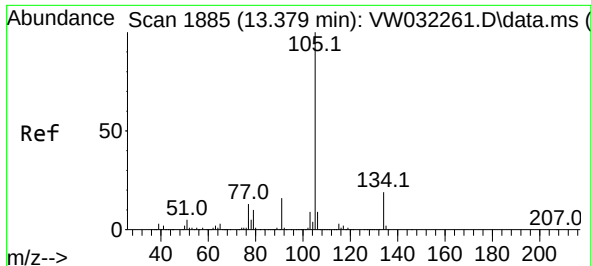
Tgt Ion:119 Resp: 1773318
Ion Ratio Lower Upper
119 100
91 69.5 35.5 106.5
134 24.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 155.710 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 2079611
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.3

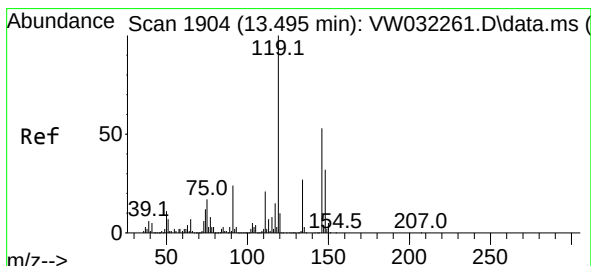
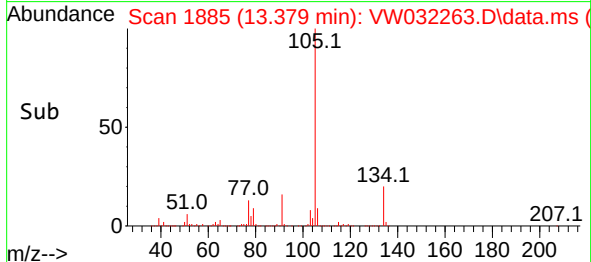
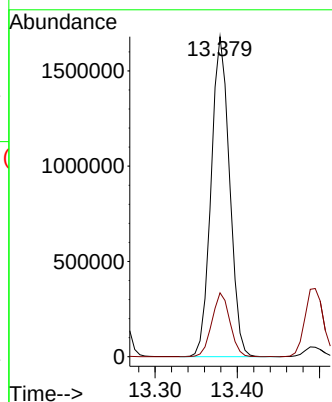
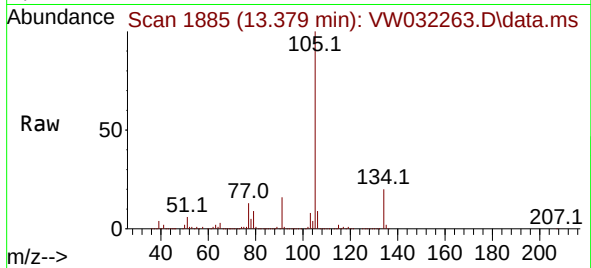




#85
 sec-Butylbenzene
 Concen: 158.526 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

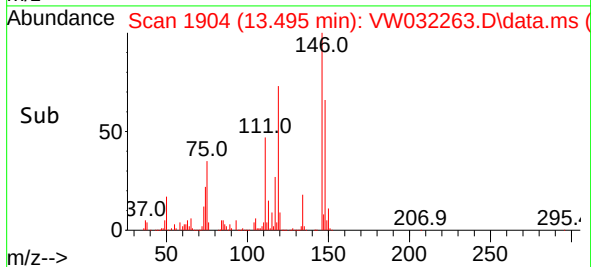
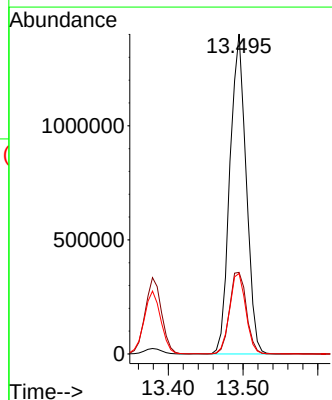
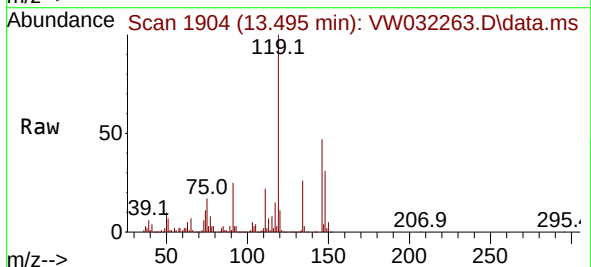
Instrument :
 MSVOA_W
 ClientSampleId :

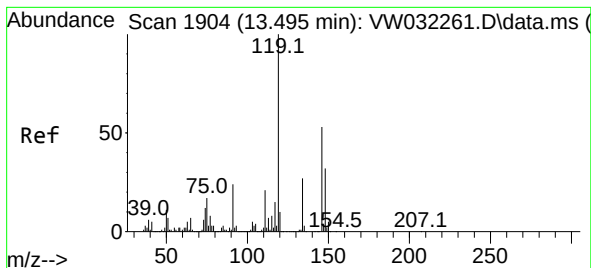
Tgt Ion:105 Resp: 2618834
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 154.791 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032263.D
 Acq: 25 Sep 2025 13:08

Tgt Ion:119 Resp: 2117769
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.5 37.5
 91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 152.522 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

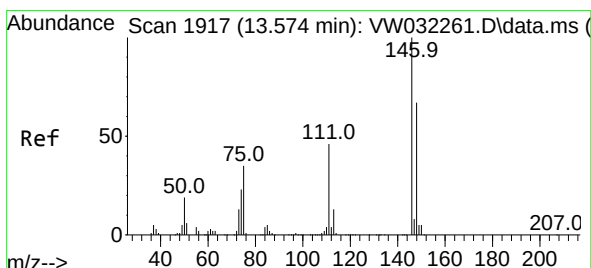
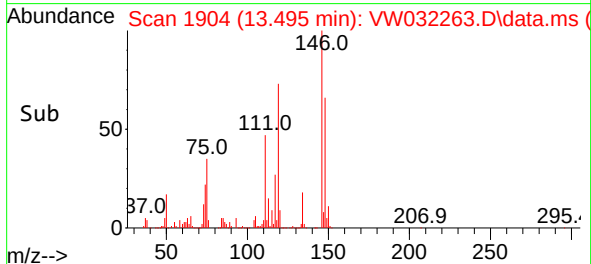
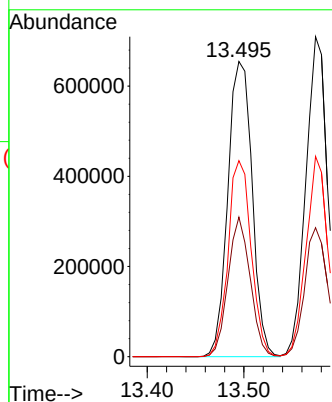
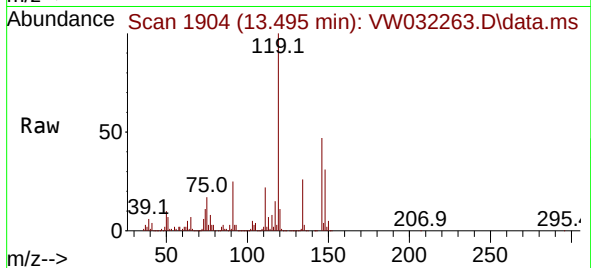
Tgt Ion:146 Resp: 1141699

Ion Ratio Lower Upper

146 100

111 43.1 21.9 65.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 146.119 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

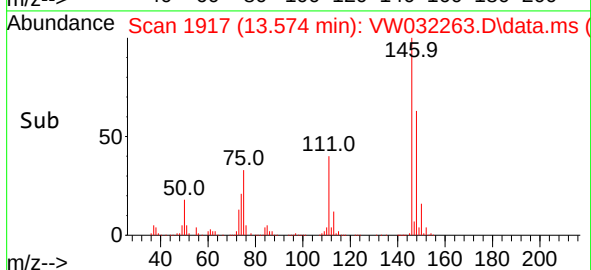
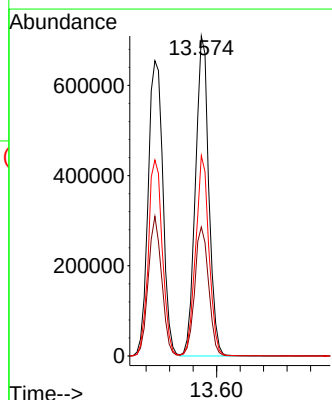
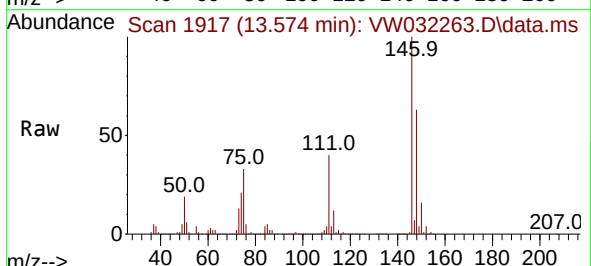
Tgt Ion:146 Resp: 1117378

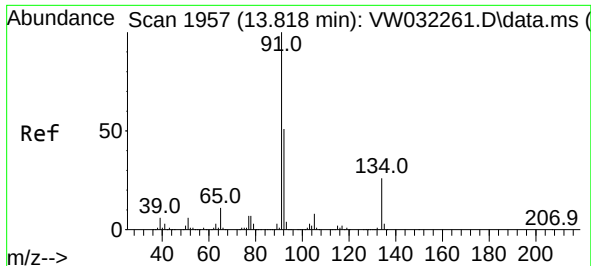
Ion Ratio Lower Upper

146 100

111 42.0 22.4 67.2

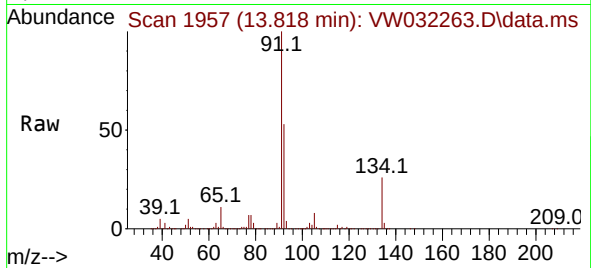
148 62.4 34.4 103.1



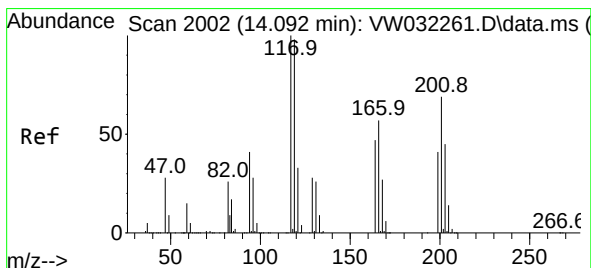
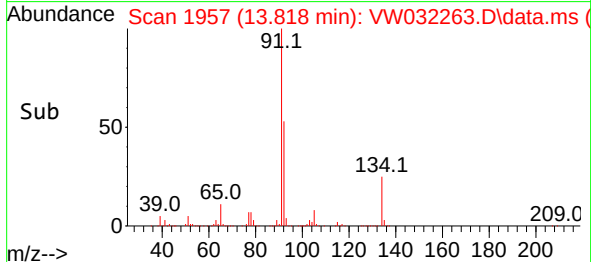
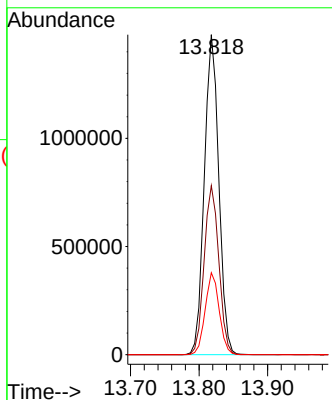


#89
n-Butylbenzene
Concen: 158.280 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Instrument :
MSVOA_W
ClientSampleId :

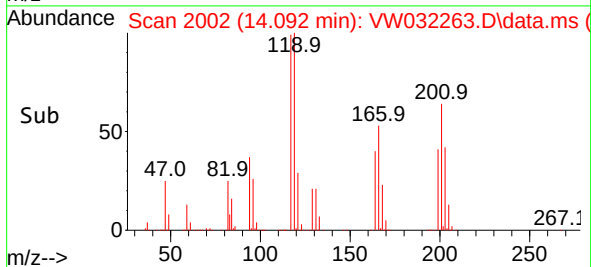
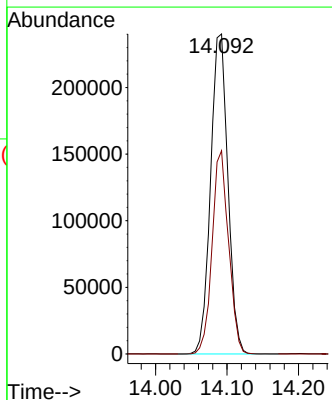
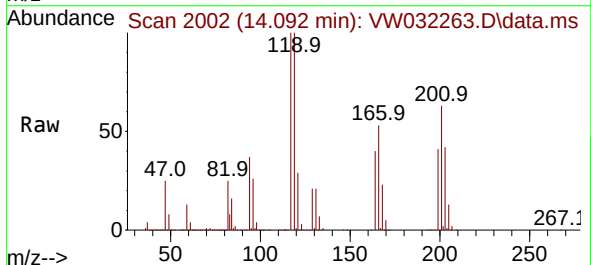


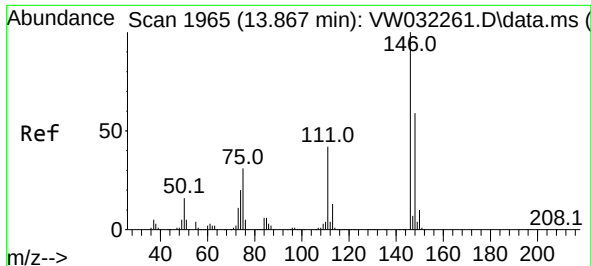
Tgt Ion: 91 Resp: 2173243
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 158.088 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 117 Resp: 403116
Ion Ratio Lower Upper
117 100
201 60.5 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 144.291 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

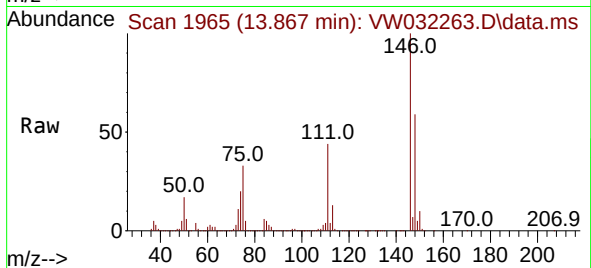
Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :



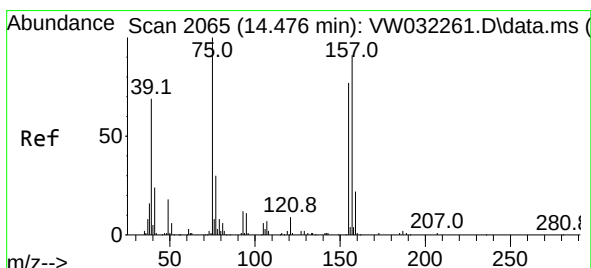
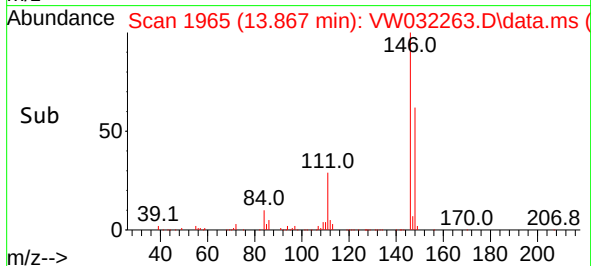
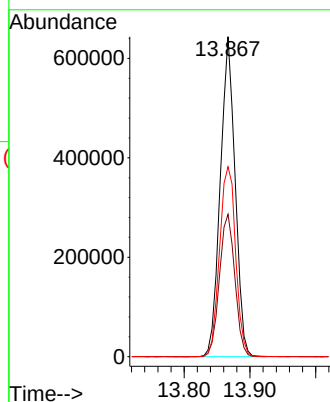
Tgt Ion:146 Resp: 1010379

Ion Ratio Lower Upper

146 100

111 46.2 21.9 65.8

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 159.151 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

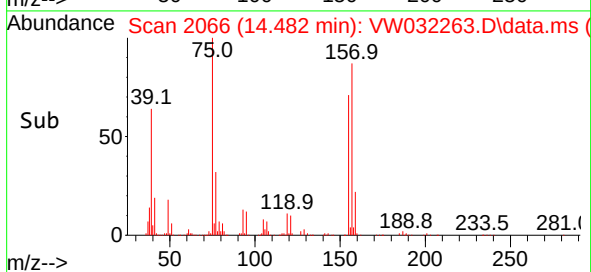
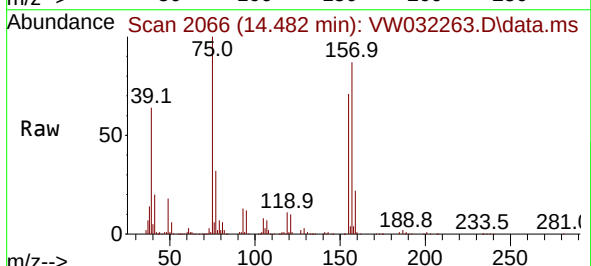
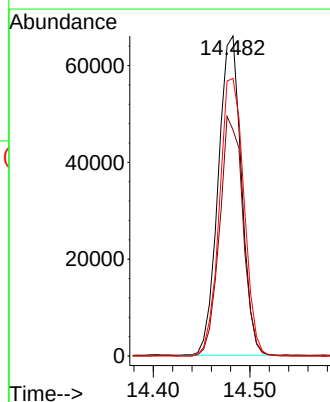
Tgt Ion: 75 Resp: 109812

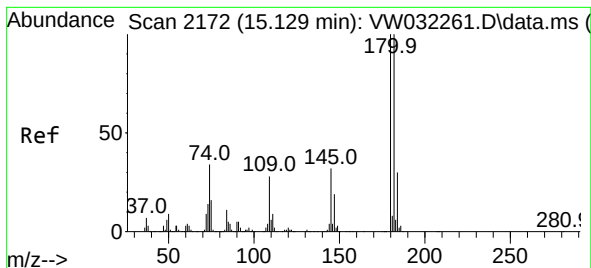
Ion Ratio Lower Upper

75 100

155 75.5 38.2 114.6

157 91.8 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 165.278 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

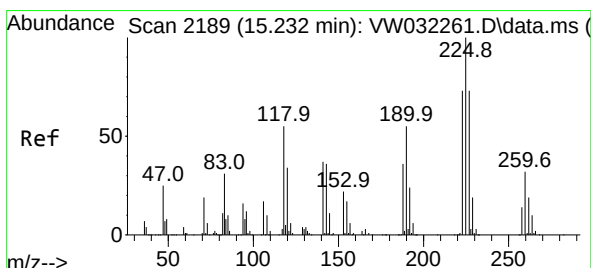
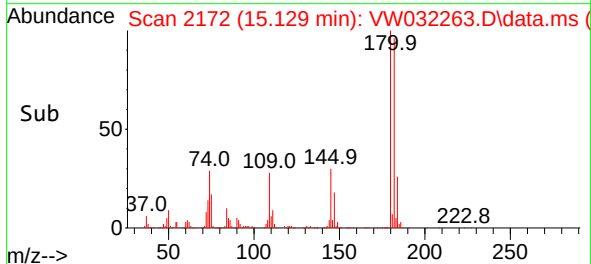
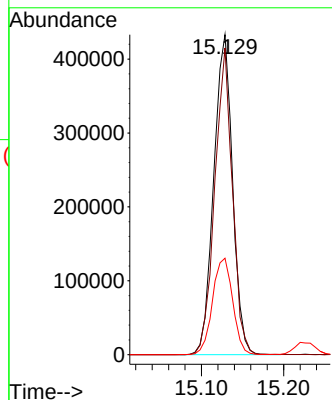
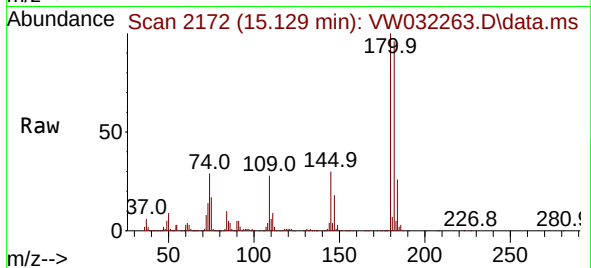
Tgt Ion:180 Resp: 686602

Ion Ratio Lower Upper

180 100

182 90.3 48.4 145.3

145 32.5 16.9 50.7



#94

Hexachlorobutadiene

Concen: 146.692 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

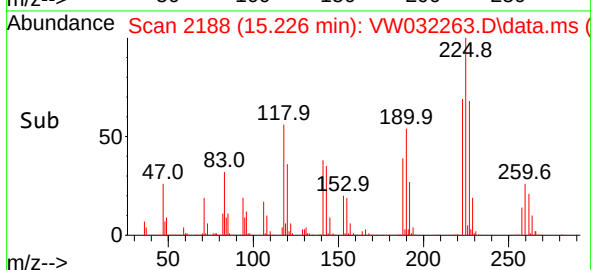
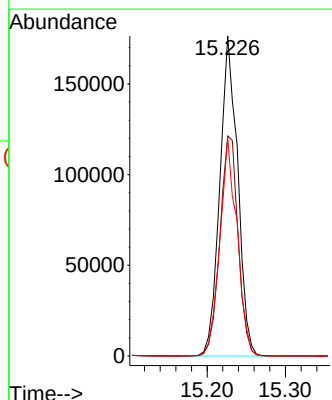
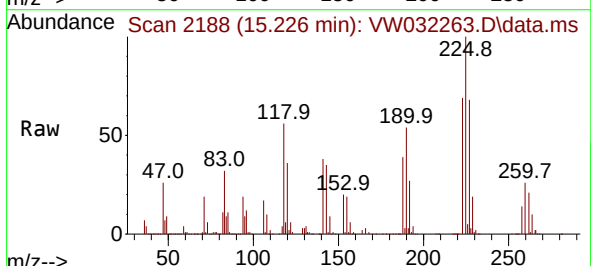
Tgt Ion:225 Resp: 279873

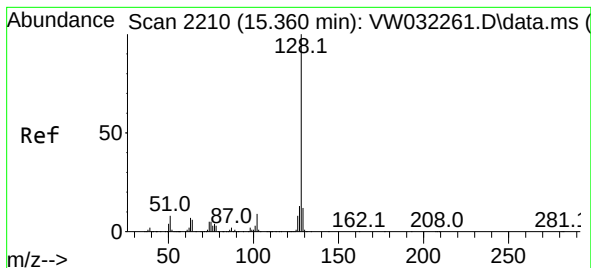
Ion Ratio Lower Upper

225 100

223 70.0 36.4 109.2

227 65.9 36.4 109.2





#95

Naphthalene

Concen: 177.236 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Instrument :

MSVOA_W

ClientSampleId :

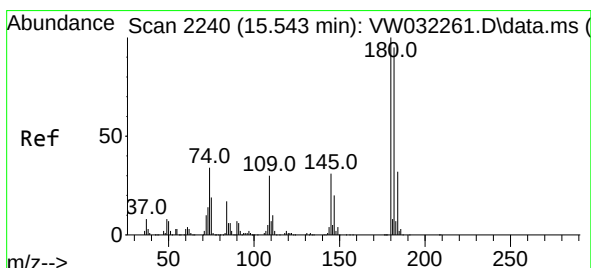
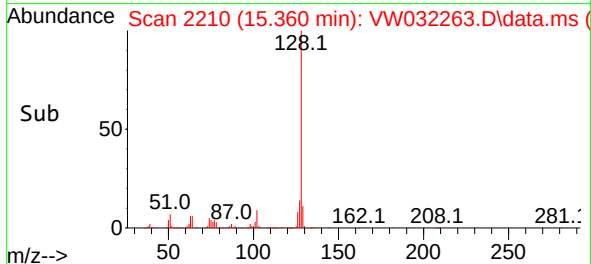
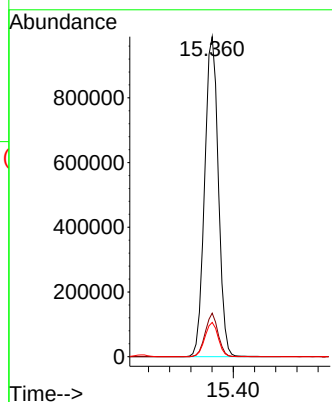
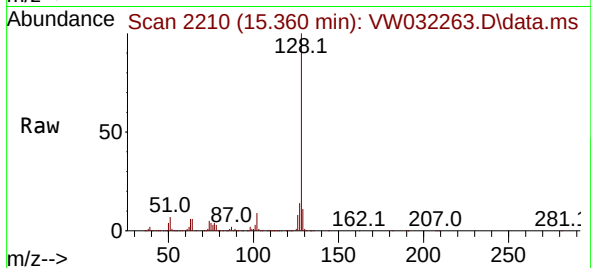
Tgt Ion:128 Resp: 1767143

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.5 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 163.575 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032263.D

Acq: 25 Sep 2025 13:08

Tgt Ion:180 Resp: 631845

Ion Ratio Lower Upper

180 100

182 94.1 45.5 136.4

145 34.7 18.1 54.1

