

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032296.D
 Acq On : 29 Sep 2025 15:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 02:37:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	243483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	424985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	389862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	196973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	177665	46.212	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	92.420%
35) Dibromofluoromethane	7.904	113	145756	47.689	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	95.380%
50) Toluene-d8	10.331	98	517004	46.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.617	95	205610	49.486	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.039	85	64904	38.583	ug/l	94
3) Chloromethane	2.253	50	93051	38.652	ug/l	89
4) Vinyl Chloride	2.405	62	118812	42.239	ug/l	100
5) Bromomethane	2.820	94	83761	43.609	ug/l	93
6) Chloroethane	2.972	64	82807	43.445	ug/l	100
7) Trichlorofluoromethane	3.301	101	93405	44.072	ug/l	97
8) Diethyl Ether	3.722	74	87355	43.590	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	119523	44.182	ug/l	98
10) Methyl Iodide	4.313	142	168853	46.147	ug/l	99
11) Tert butyl alcohol	5.228	59	61757	231.415	ug/l	100
12) 1,1-Dichloroethene	4.076	96	127818	44.200	ug/l	95
13) Acrolein	3.929	56	76625	161.322	ug/l	95
14) Allyl chloride	4.704	41	212239	47.292	ug/l	98
15) Acrylonitrile	5.405	53	248193	240.470	ug/l	99
16) Acetone	4.167	43	230076	233.028	ug/l	99
17) Carbon Disulfide	4.417	76	290954	43.760	ug/l	99
18) Methyl Acetate	4.710	43	202333	59.586	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	263138	49.090	ug/l	99
20) Methylene Chloride	4.954	84	167816	46.505	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	143979	46.172	ug/l	91
22) Diisopropyl ether	6.344	45	493405	49.477	ug/l	100
23) Vinyl Acetate	6.283	43	1535297	239.312	ug/l	97
24) 1,1-Dichloroethane	6.246	63	289888	46.049	ug/l	99
25) 2-Butanone	7.197	43	344470	250.307	ug/l	96
26) 2,2-Dichloropropane	7.191	77	145781	46.993	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	179265	46.222	ug/l	99
28) Bromochloromethane	7.532	49	141151	46.989	ug/l	# 100
29) Tetrahydrofuran	7.557	42	222927	249.520	ug/l	98
30) Chloroform	7.691	83	305100	46.450	ug/l	98
31) Cyclohexane	7.971	56	216754	43.665	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	207706	46.940	ug/l	99
36) 1,1-Dichloropropene	8.099	75	197432	47.913	ug/l	100
37) Ethyl Acetate	7.276	43	133941	49.011	ug/l	98
38) Carbon Tetrachloride	8.081	117	188401	48.598	ug/l	98
39) Methylcyclohexane	9.343	83	233596	48.993	ug/l	97
40) Benzene	8.337	78	629200	48.510	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	84413	53.932	ug/l	95
42) 1,2-Dichloroethane	8.416	62	206872	47.984	ug/l	99
43) Isopropyl Acetate	8.441	43	252752	51.667	ug/l	98
44) Trichloroethene	9.099	130	143307	47.269	ug/l	93
45) 1,2-Dichloropropane	9.374	63	165511	49.269	ug/l	98
46) Dibromomethane	9.465	93	102728	49.738	ug/l	99
47) Bromodichloromethane	9.654	83	231201	49.080	ug/l	97
48) Methyl methacrylate	9.447	41	124725	54.194	ug/l	99
49) 1,4-Dioxane	9.465	88	27961	1010.824	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	769949	265.454	ug/l	98
52) Toluene	10.392	92	395740	49.227	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	223431	51.768	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	252123	50.599	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	137969	48.939	ug/l	98
56) Ethyl methacrylate	10.648	69	197137	53.086	ug/l	99
57) 1,3-Dichloropropane	10.934	76	238661	49.003	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	588892	288.881	ug/l	100
59) 2-Hexanone	10.971	43	549496	277.422	ug/l	97
60) Dibromochloromethane	11.129	129	158774	51.281	ug/l	98
61) 1,2-Dibromoethane	11.239	107	128673	48.176	ug/l	97
64) Tetrachloroethene	10.867	164	116065	48.852	ug/l #	90
65) Chlorobenzene	11.660	112	449377	50.041	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	148426	52.262	ug/l	98
67) Ethyl Benzene	11.727	91	774243	52.673	ug/l	98
68) m/p-Xylenes	11.836	106	586975	104.172	ug/l	96
69) o-Xylene	12.166	106	274656	51.866	ug/l	99
70) Styrene	12.178	104	498206	53.649	ug/l	99
71) Bromoform	12.349	173	85000	51.358	ug/l #	96
73) Isopropylbenzene	12.464	105	707636	51.616	ug/l	99
74) N-amyl acetate	12.269	43	232494	53.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	179164	49.844	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	229770	84.789	ug/l	38
77) Bromobenzene	12.745	156	171611	50.892	ug/l	91
78) n-propylbenzene	12.800	91	895254	51.987	ug/l	99
79) 2-Chlorotoluene	12.891	91	530618	50.866	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	593955	50.674	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	56223	53.890	ug/l	97
82) 4-Chlorotoluene	12.989	91	568375	51.554	ug/l	95
83) tert-Butylbenzene	13.202	119	514158	52.451	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	609419	51.209	ug/l	99
85) sec-Butylbenzene	13.379	105	770512	52.344	ug/l	100
86) p-Isopropyltoluene	13.495	119	654074	53.652	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	333570	50.010	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	334395	49.075	ug/l	95
89) n-Butylbenzene	13.818	91	629517	51.454	ug/l	100
90) Hexachloroethane	14.086	117	115395	50.786	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	310856	49.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	32219	52.404	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	194660	52.587	ug/l	96
94) Hexachlorobutadiene	15.232	225	87110	51.240	ug/l	88
95) Naphthalene	15.354	128	470168	52.921	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	177918	51.691	ug/l	97

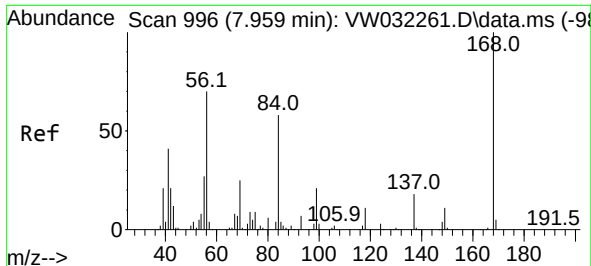
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Response via : Initial Calibration

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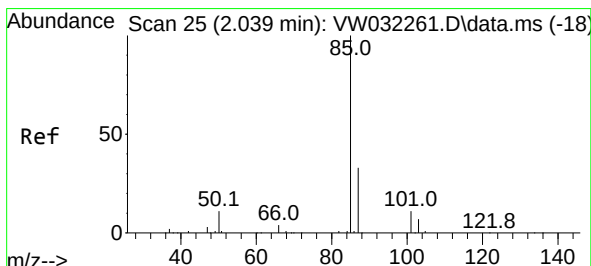
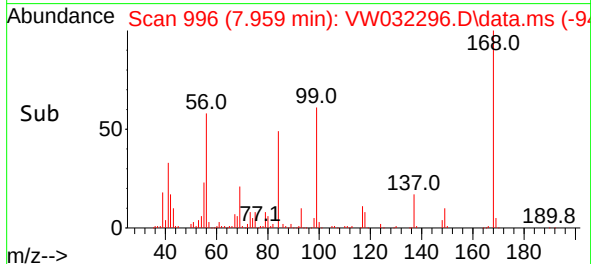
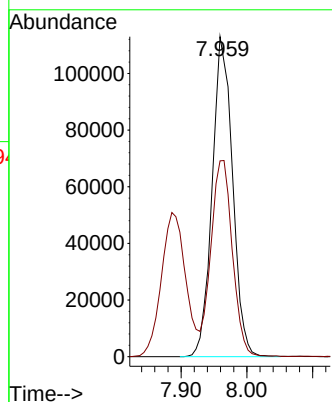
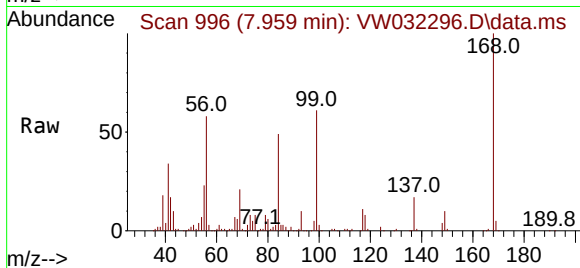
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

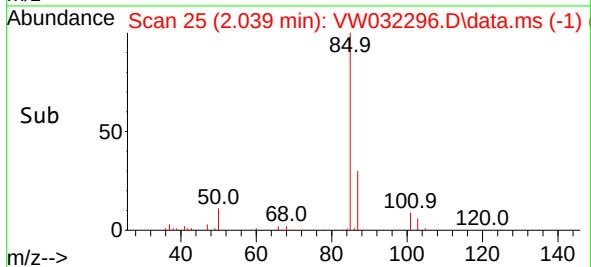
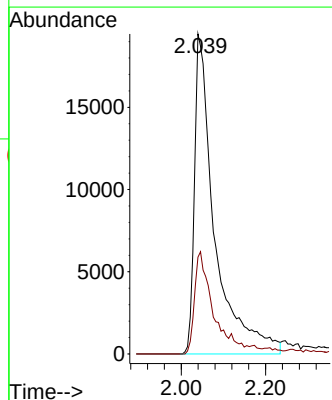
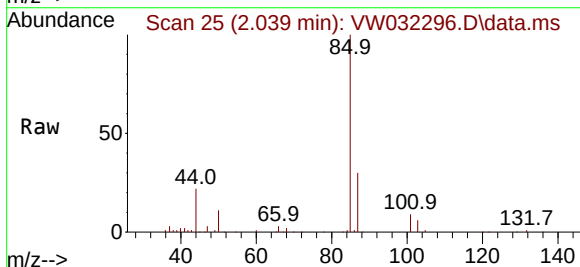
Instrument :
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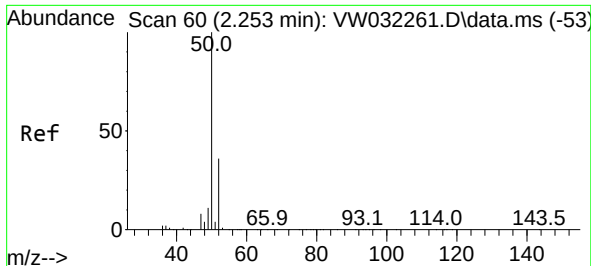
Tgt Ion:168 Resp: 243483
Ion Ratio Lower Upper
168 100
99 61.1 55.0 82.4



#2
Dichlorodifluoromethane
Concen: 38.583 ug/l
RT: 2.039 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 85 Resp: 64904
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.1

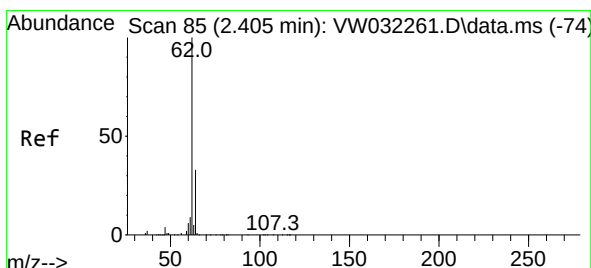
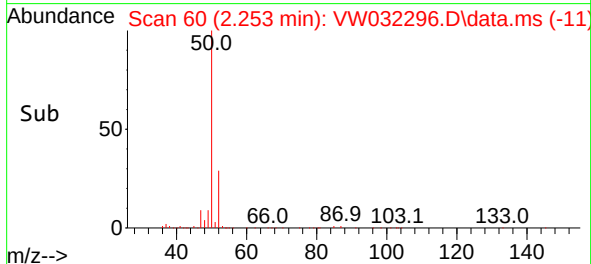
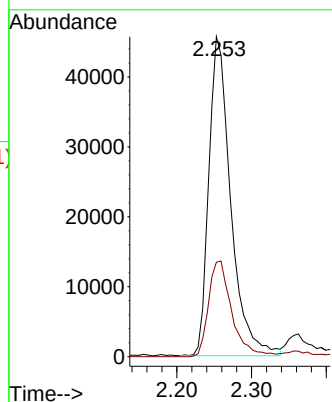
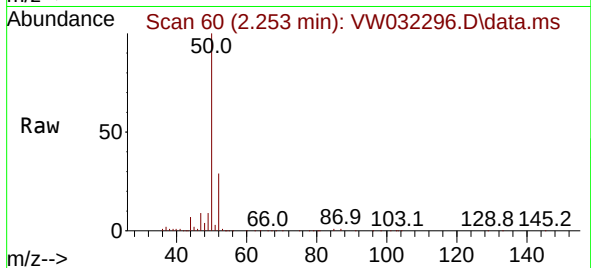




#3
Chloromethane
Concen: 38.652 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

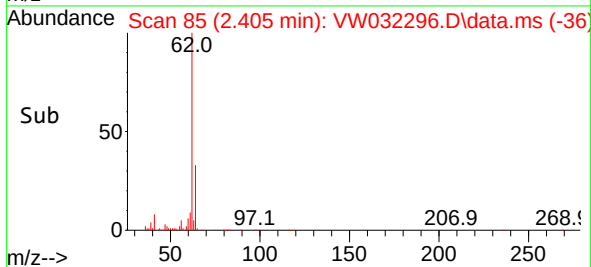
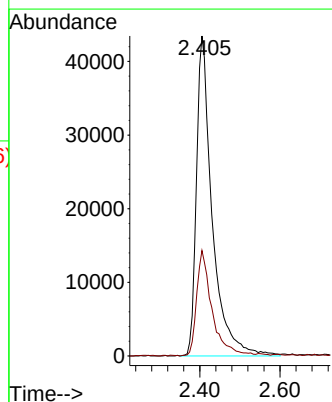
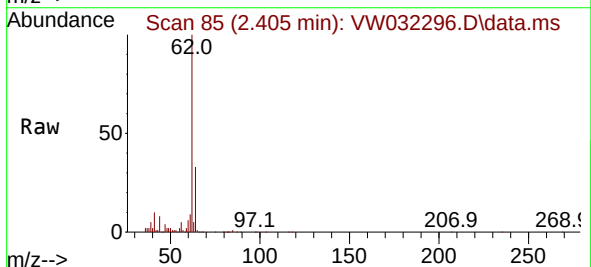
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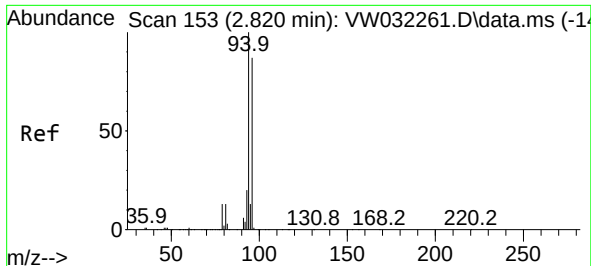
Tgt Ion: 50 Resp: 93051
Ion Ratio Lower Upper
50 100
52 29.6 28.9 43.3



#4
Vinyl Chloride
Concen: 42.239 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 62 Resp: 118812
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.4

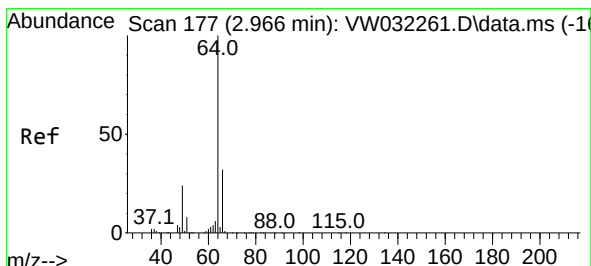
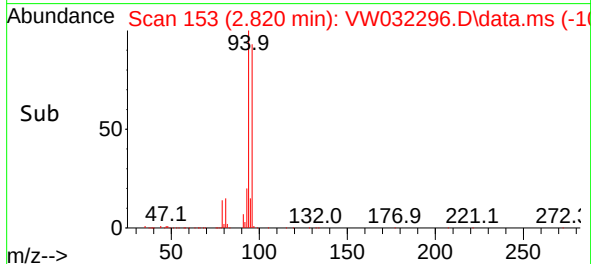
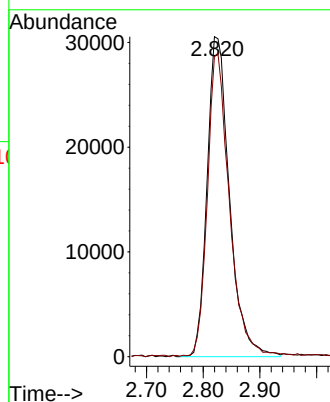
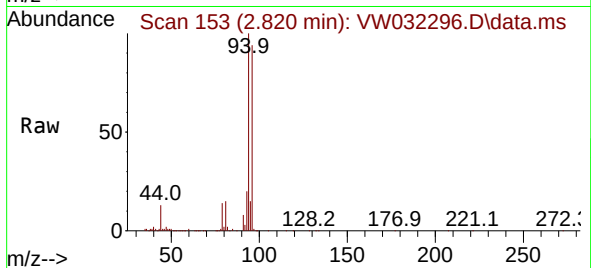




#5
Bromomethane
Concen: 43.609 ug/l
RT: 2.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

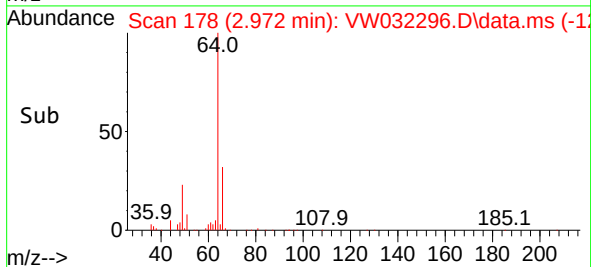
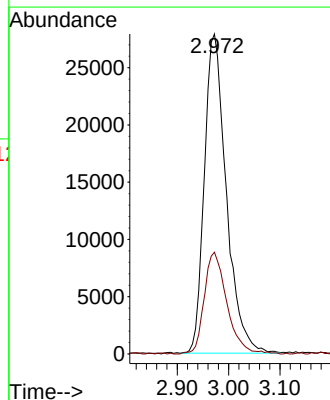
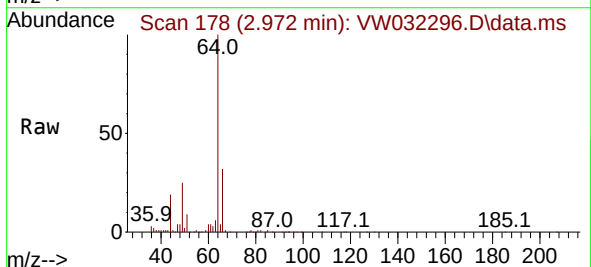
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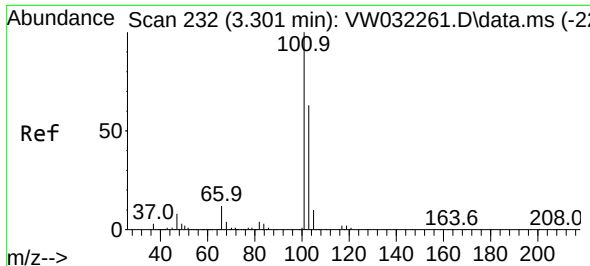
Tgt Ion: 94 Resp: 83761
Ion Ratio Lower Upper
94 100
96 93.6 70.0 105.0



#6
Chloroethane
Concen: 43.445 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 64 Resp: 82807
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

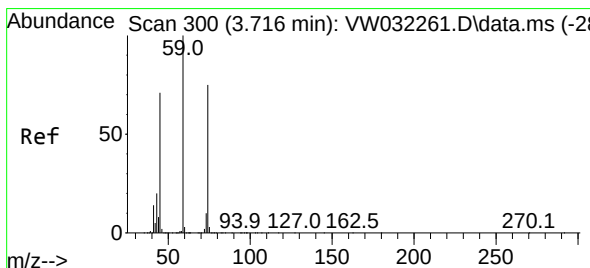
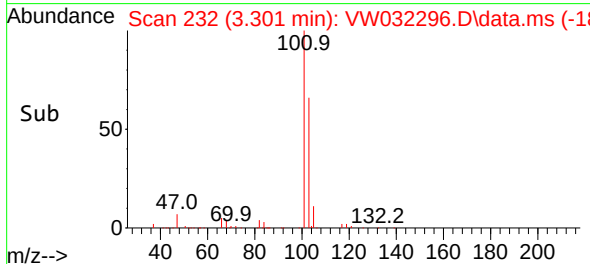
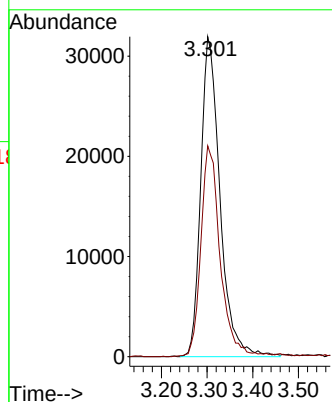
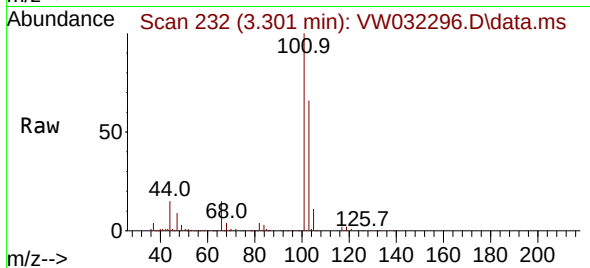




#7
 Trichlorofluoromethane
 Concen: 44.072 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

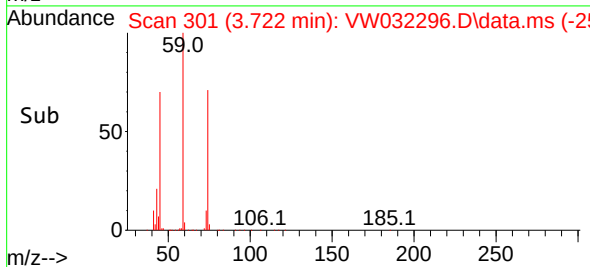
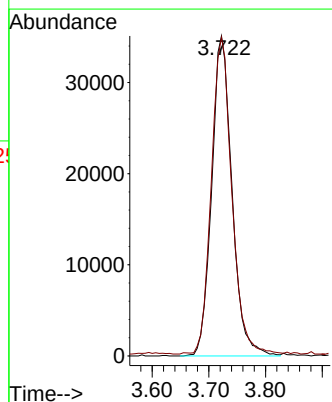
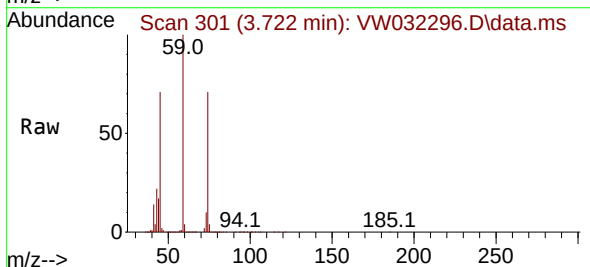
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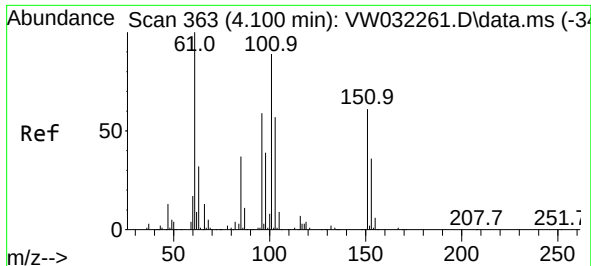
Tgt Ion:101 Resp: 93405
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.3 75.5



#8
 Diethyl Ether
 Concen: 43.590 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

Tgt Ion: 74 Resp: 87355
 Ion Ratio Lower Upper
 74 100
 45 99.8 49.0 147.2

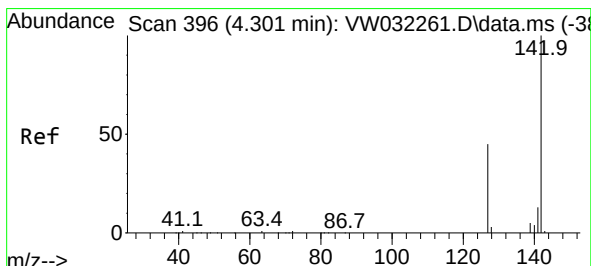
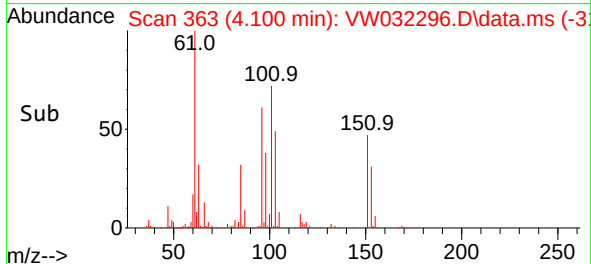
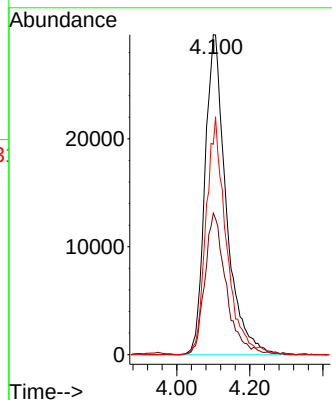
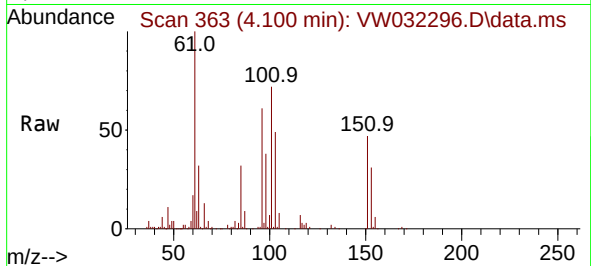




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.182 ug/l
RT: 4.100 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

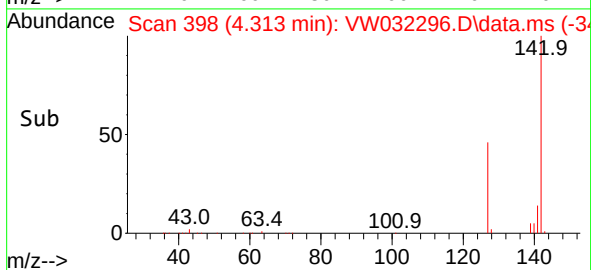
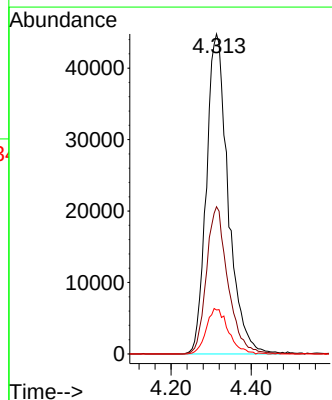
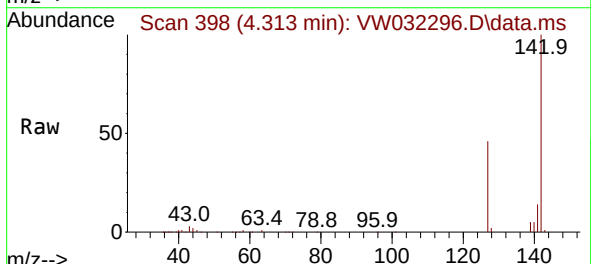
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ClientSampleId :

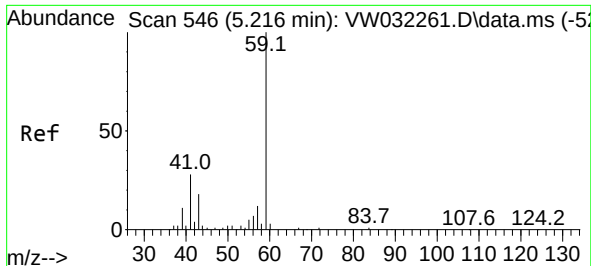
Tgt Ion:101 Resp: 119523
Ion Ratio Lower Upper
101 100
85 44.4 33.7 50.5
151 70.7 55.7 83.5



#10
Methyl Iodide
Concen: 46.147 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.012 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:142 Resp: 168853
Ion Ratio Lower Upper
142 100
127 45.6 36.9 55.3
141 14.3 12.0 18.0

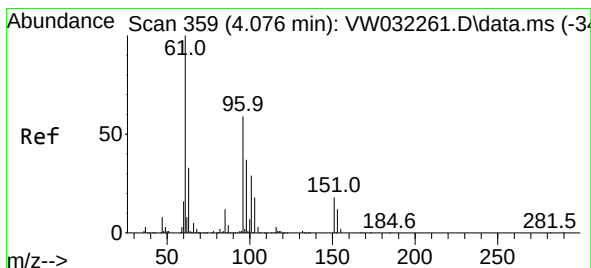
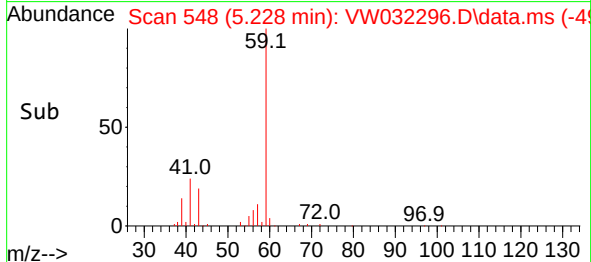
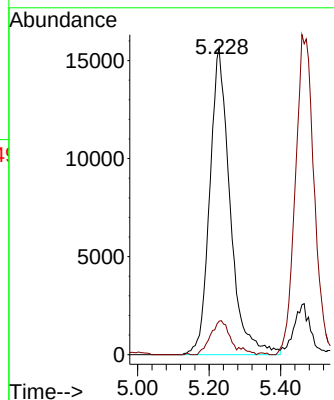
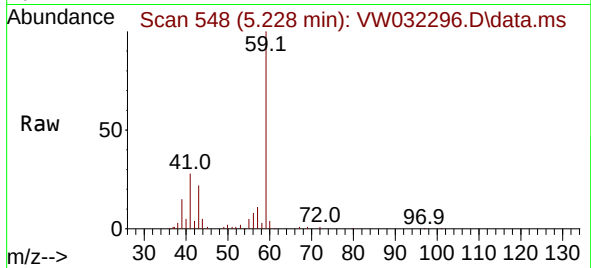




#11
Tert butyl alcohol
Concen: 231.415 ug/l
RT: 5.228 min Scan# 54
Delta R.T. 0.012 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

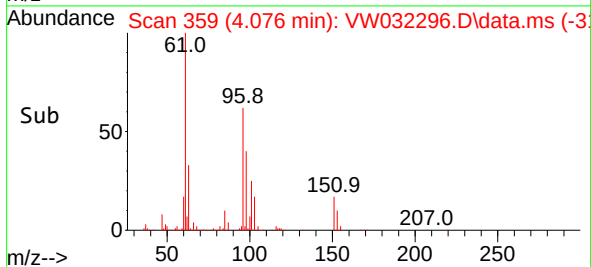
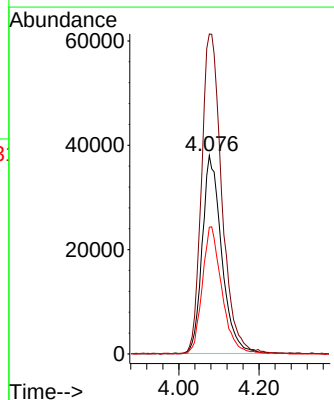
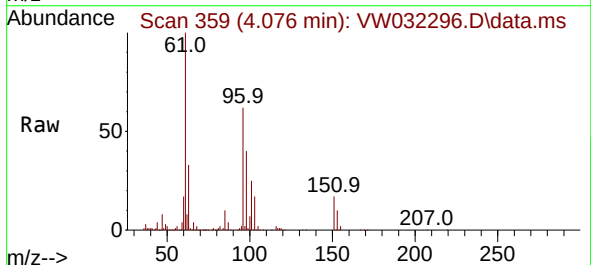
Instrument :
MSVOA_W
ClientSampleId :

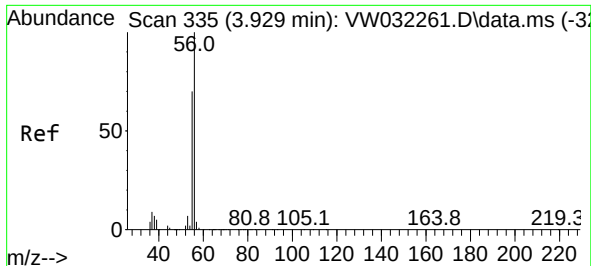
Tgt Ion: 59 Resp: 61757
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3



#12
1,1-Dichloroethene
Concen: 44.200 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 96 Resp: 127818
Ion Ratio Lower Upper
96 100
61 161.7 136.3 204.5
98 63.8 50.7 76.1

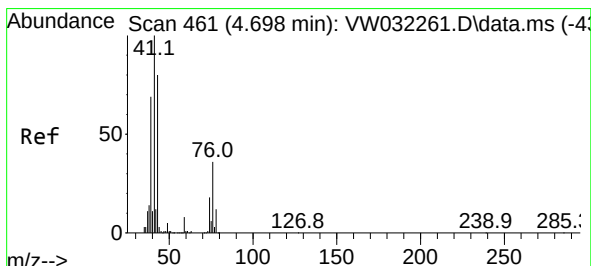
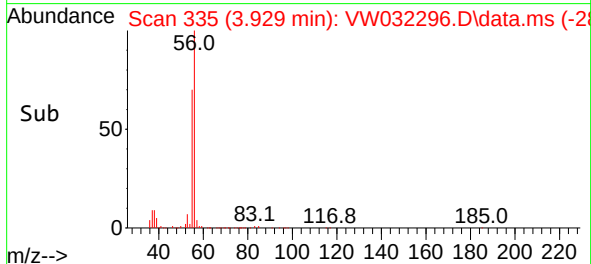
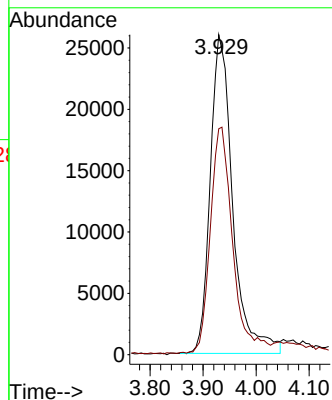
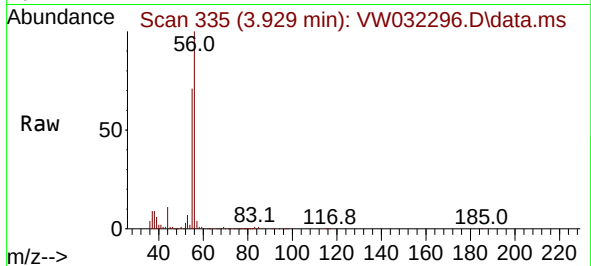




#13
Acrolein
Concen: 161.322 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

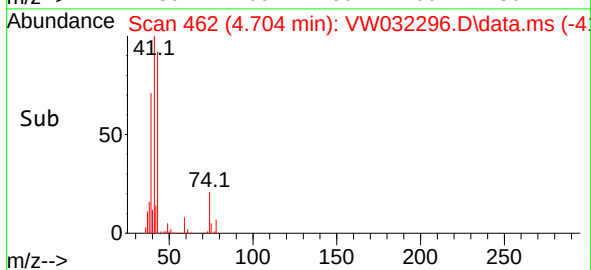
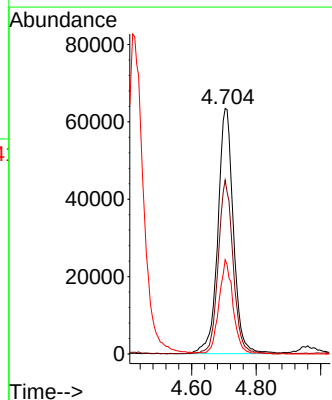
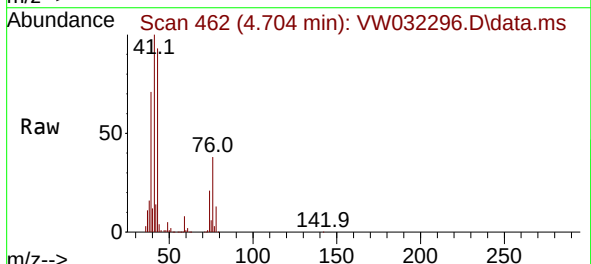
Instrument :
MSVOA_W
ClientSampleId :

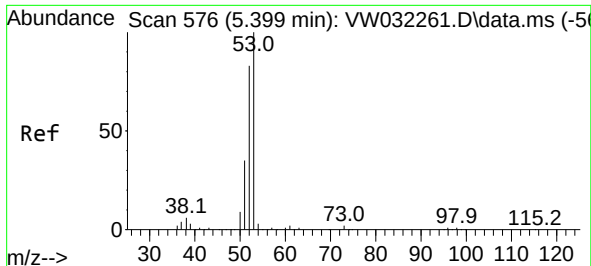
Tgt Ion: 56 Resp: 76625
Ion Ratio Lower Upper
56 100
55 70.5 53.2 79.8



#14
Allyl chloride
Concen: 47.292 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

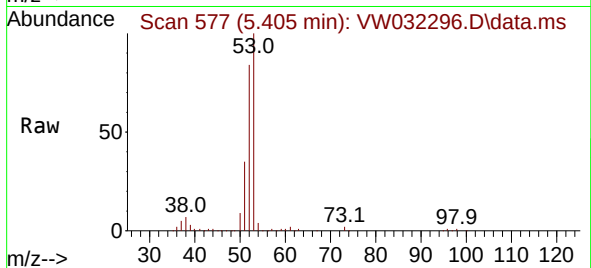
Tgt Ion: 41 Resp: 212239
Ion Ratio Lower Upper
41 100
39 67.5 54.3 81.5
76 33.5 28.7 43.1



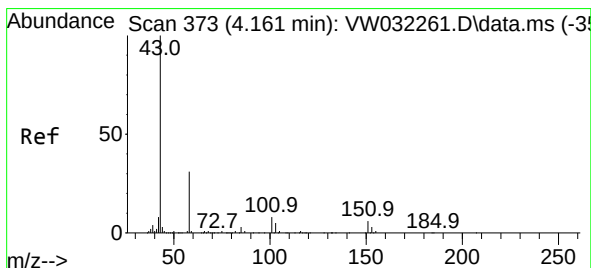
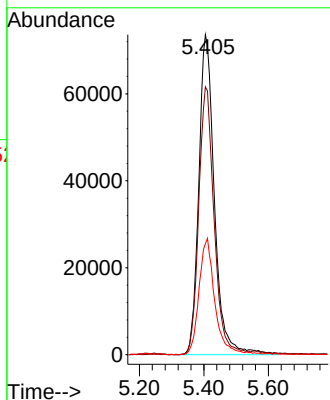
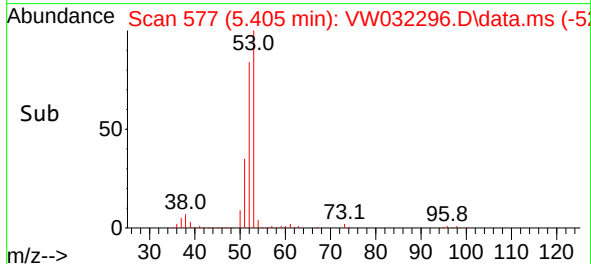


#15
Acrylonitrile
Concen: 240.470 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Instrument :
MSVOA_W
ClientSampleId :

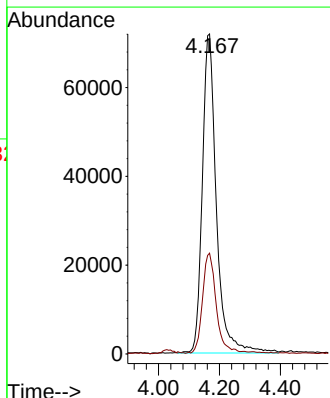
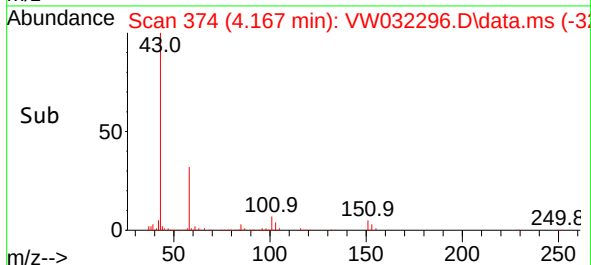
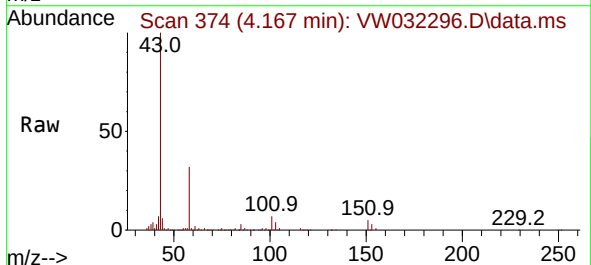


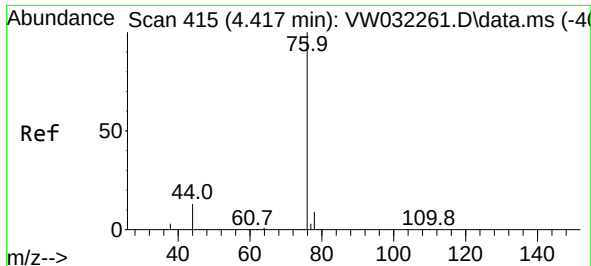
Tgt Ion: 53 Resp: 248193
Ion Ratio Lower Upper
53 100
52 82.2 66.3 99.5
51 36.3 29.6 44.4



#16
Acetone
Concen: 233.028 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 43 Resp: 230076
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.0

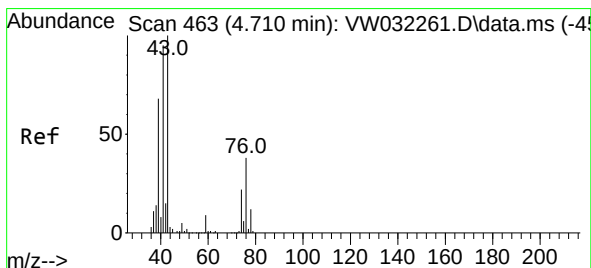
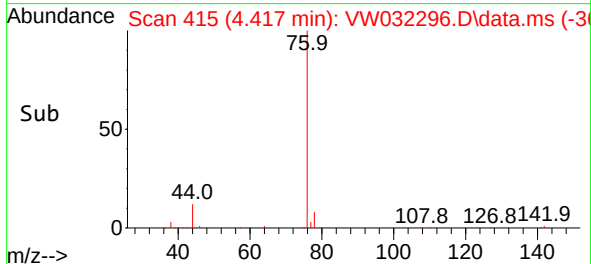
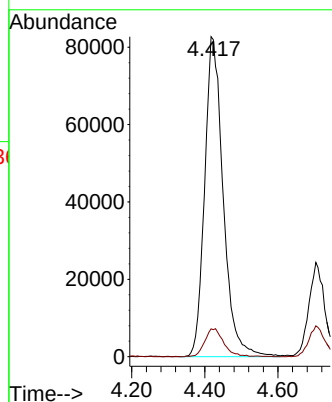
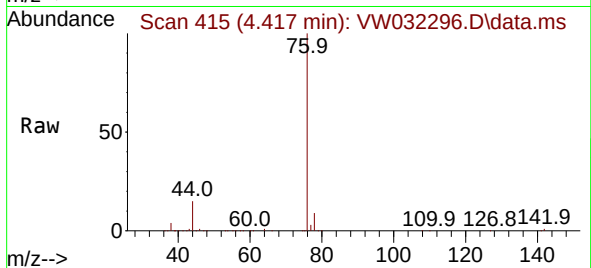




#17
Carbon Disulfide
Concen: 43.760 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

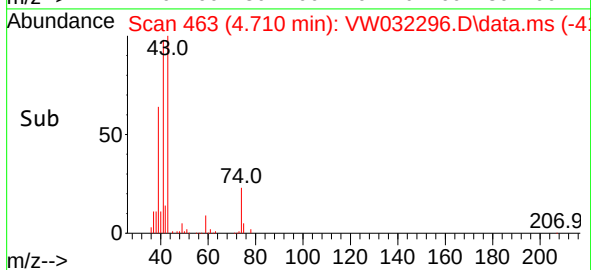
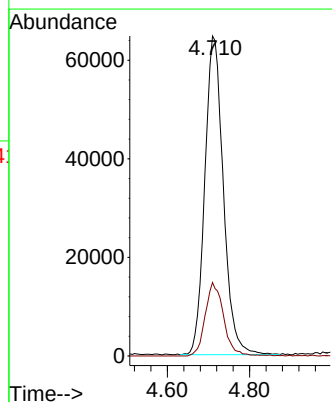
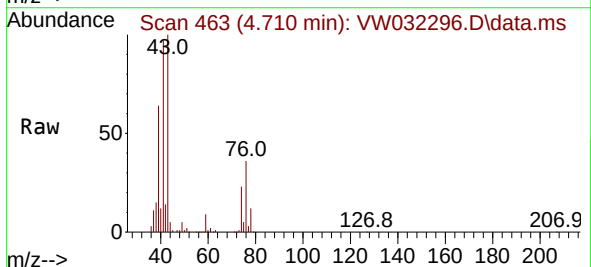
Instrument :
MSVOA_W
ClientSampleId :

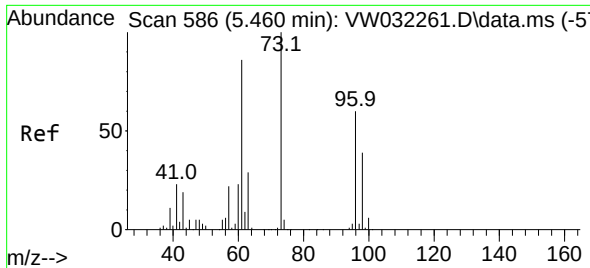
Tgt Ion: 76 Resp: 290954
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 59.586 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 43 Resp: 202333
Ion Ratio Lower Upper
43 100
74 22.8 18.8 28.2

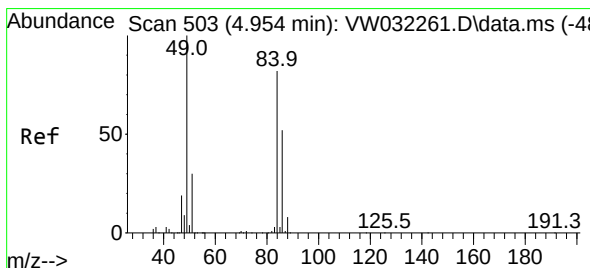
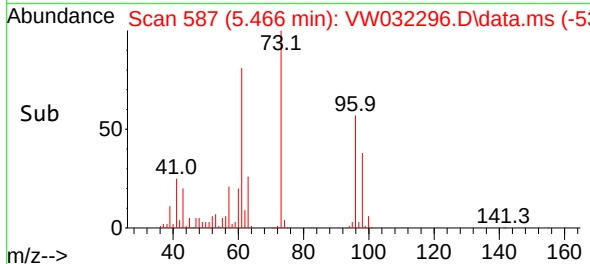
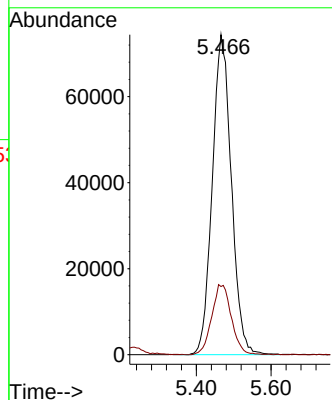
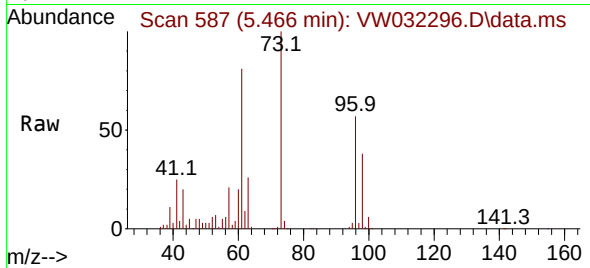




#19
Methyl tert-butyl Ether
Concen: 49.090 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

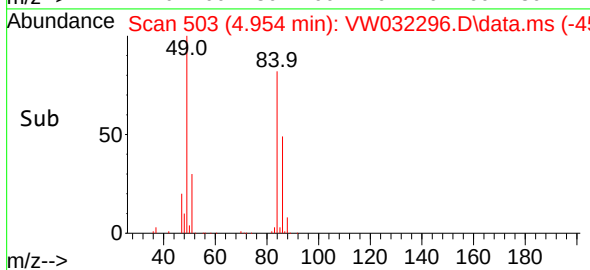
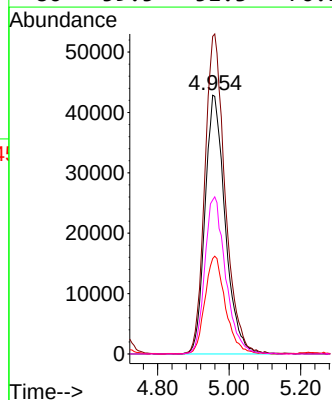
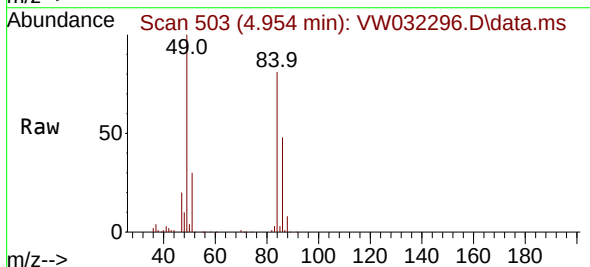
Instrument :
MSVOA_W
ClientSampleId :

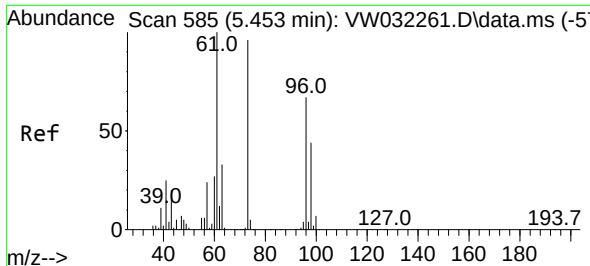
Tgt Ion: 73 Resp: 263138
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 46.505 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 84 Resp: 167816
Ion Ratio Lower Upper
84 100
49 122.8 97.8 146.6
51 36.7 29.9 44.9
86 59.5 51.3 76.9

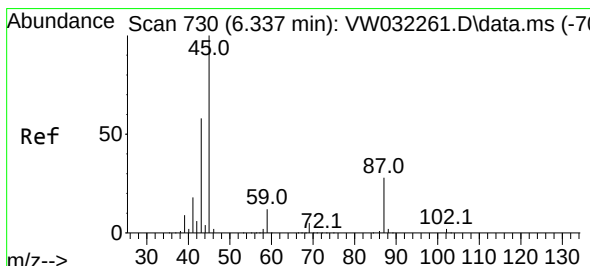
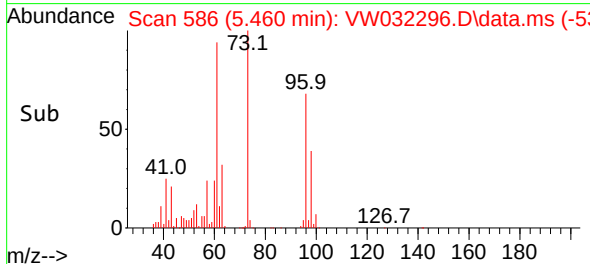
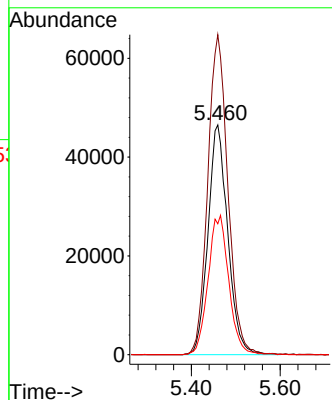
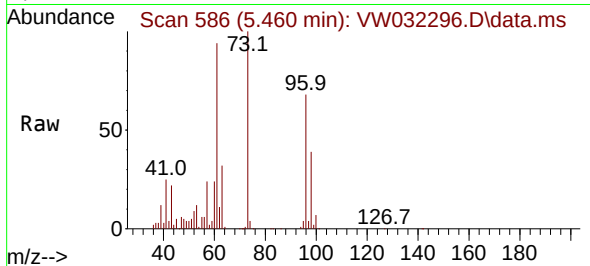




#21
trans-1,2-Dichloroethene
Concen: 46.172 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

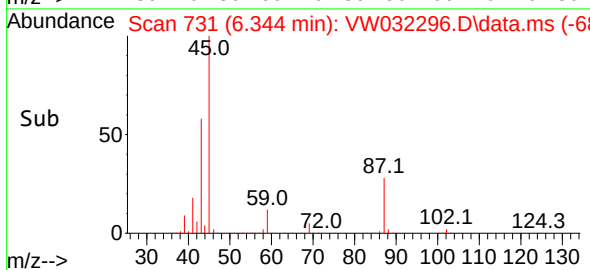
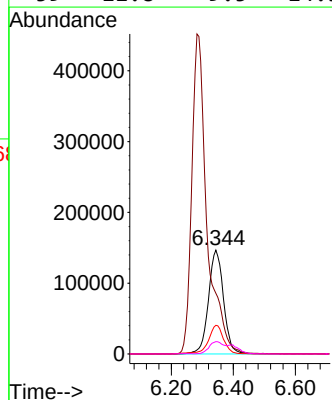
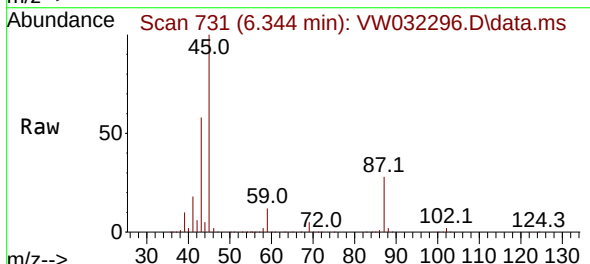
Instrument :
MSVOA_W
ClientSampleId :

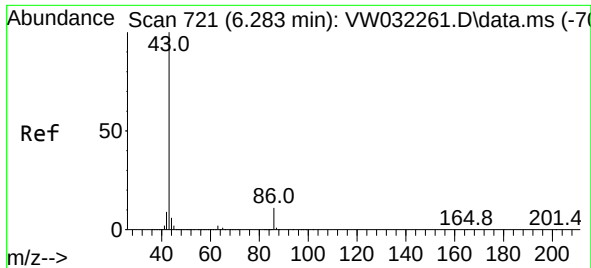
Tgt Ion: 96 Resp: 143979
Ion Ratio Lower Upper
96 100
61 139.3 119.2 178.8
98 57.0 52.5 78.7



#22
Diisopropyl ether
Concen: 49.477 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 45 Resp: 493405
Ion Ratio Lower Upper
45 100
43 58.2 46.2 69.4
87 27.6 22.2 33.2
59 11.8 9.5 14.3

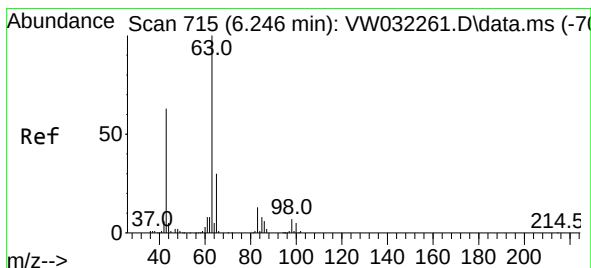
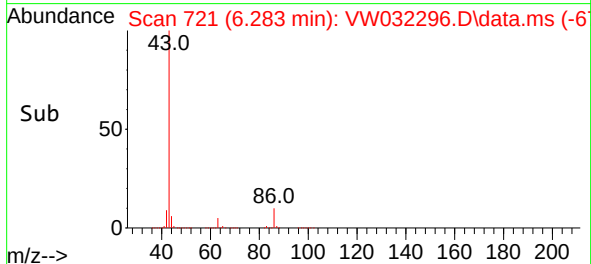
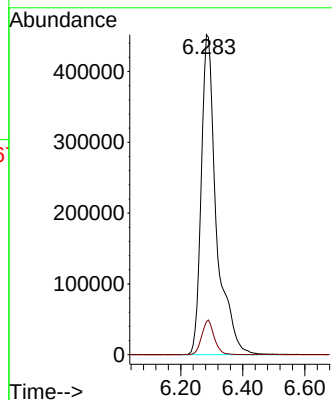
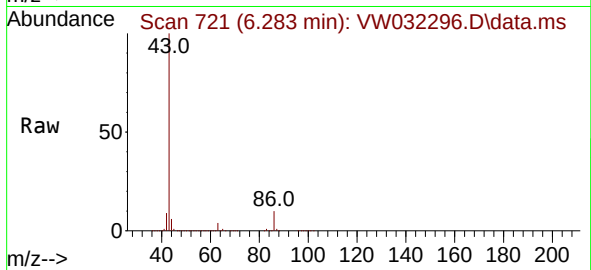




#23
 Vinyl Acetate
 Concen: 239.312 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

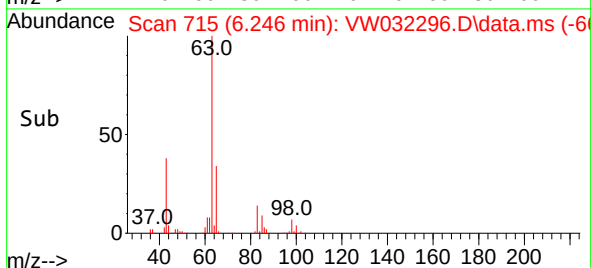
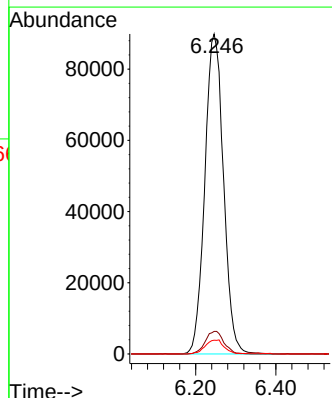
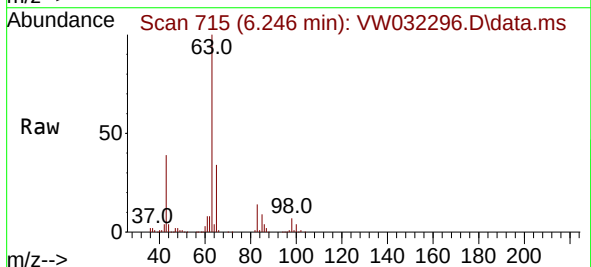
Instrument :
 MSVOA_W
 ClientSampleId :

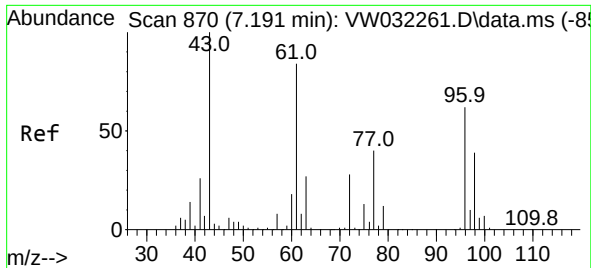
Tgt Ion: 43 Resp: 1535297
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 46.049 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

Tgt Ion: 63 Resp: 289888
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.3 2.4 7.1

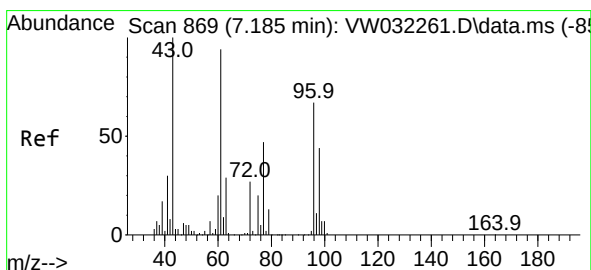
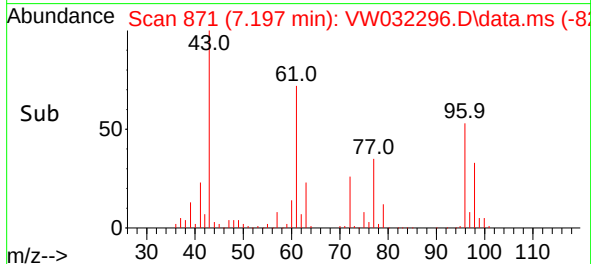
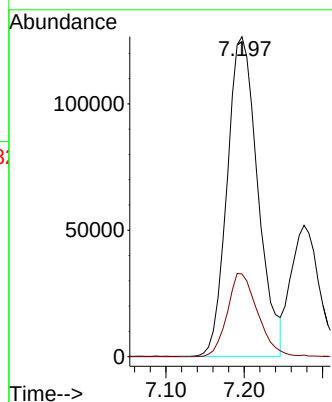
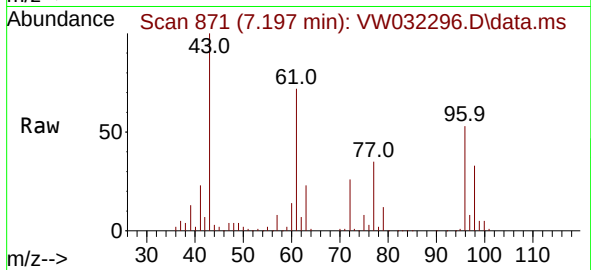




#25
2-Butanone
Concen: 250.307 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

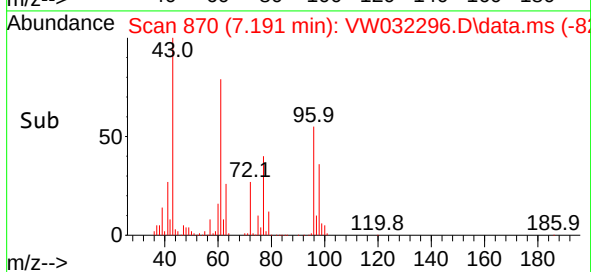
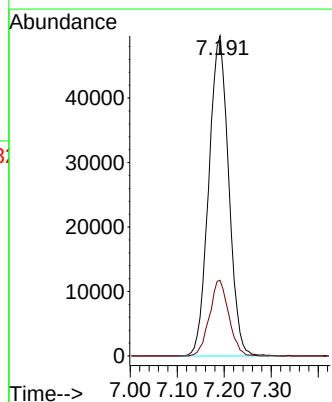
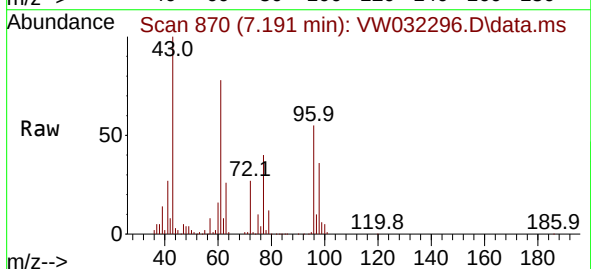
Instrument :
MSVOA_W
ClientSampleId :

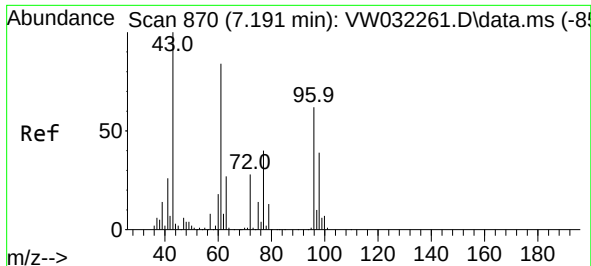
Tgt Ion: 43 Resp: 344470
Ion Ratio Lower Upper
43 100
72 25.9 22.3 33.5



#26
2,2-Dichloropropane
Concen: 46.993 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 77 Resp: 145781
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.222 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

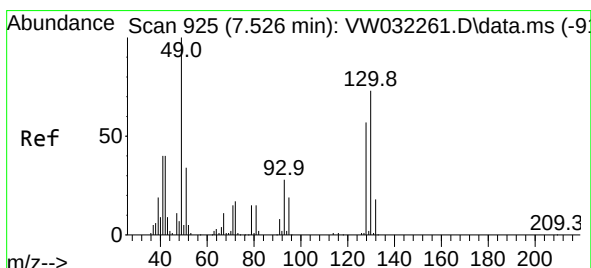
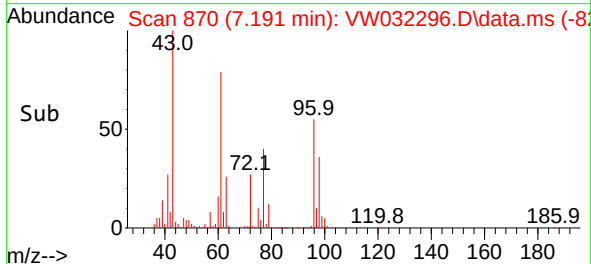
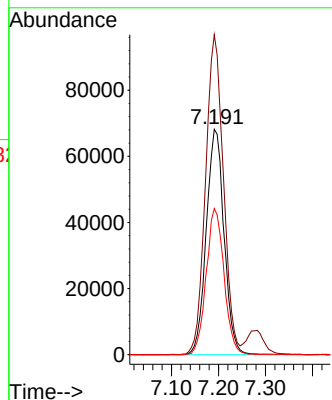
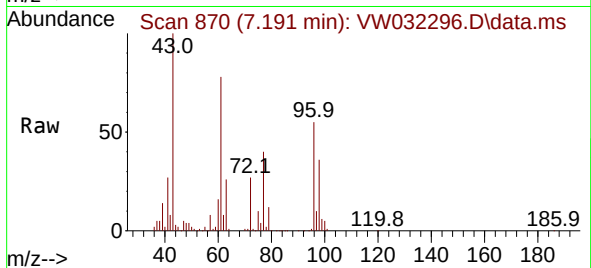
Tgt Ion: 96 Resp: 179265

Ion Ratio Lower Upper

96 100

61 142.4 0.0 281.8

98 64.9 0.0 130.8



#28

Bromochloromethane

Concen: 46.989 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

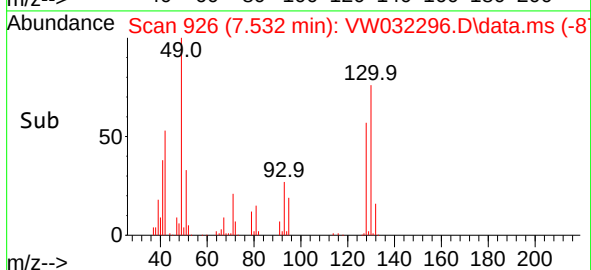
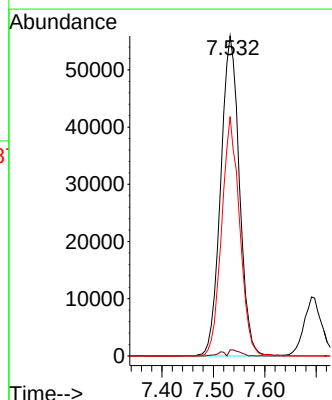
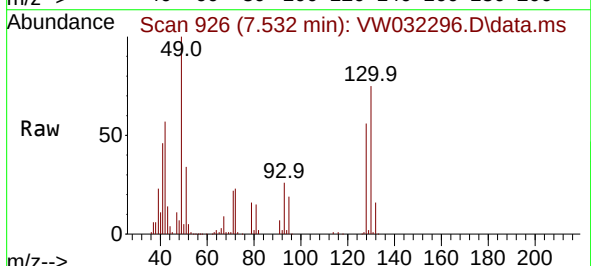
Tgt Ion: 49 Resp: 141151

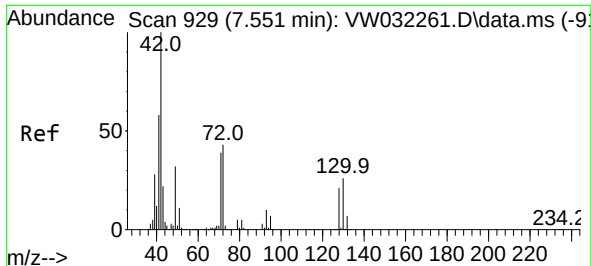
Ion Ratio Lower Upper

49 100

129 1.2 0.0 2.2

130 71.8 0.0 0.0#





#29

Tetrahydrofuran

Concen: 249.520 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

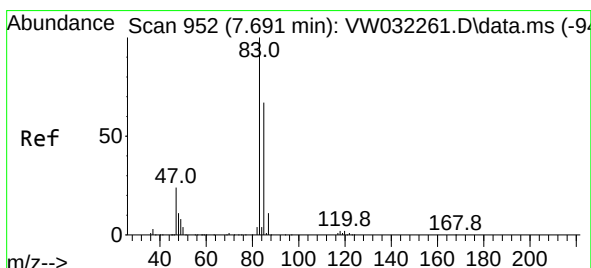
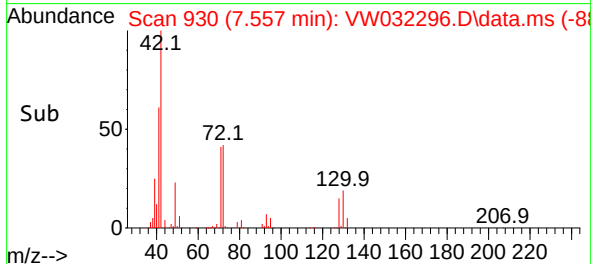
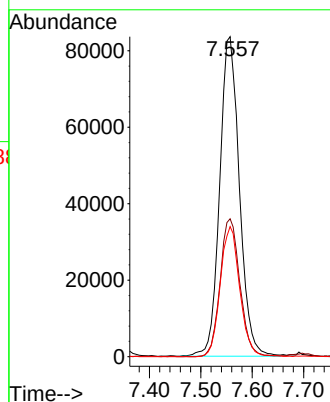
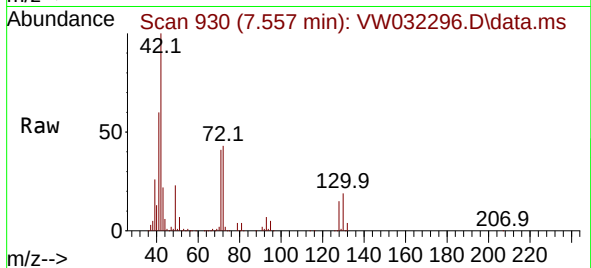
Tgt Ion: 42 Resp: 222927

Ion Ratio Lower Upper

42 100

72 43.2 35.1 52.7

71 40.2 33.3 49.9



#30

Chloroform

Concen: 46.450 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032296.D

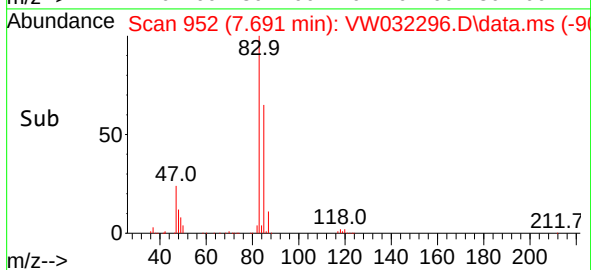
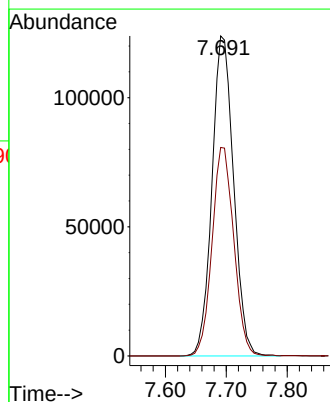
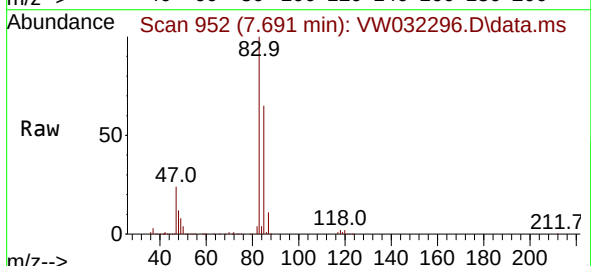
Acq: 29 Sep 2025 15:00

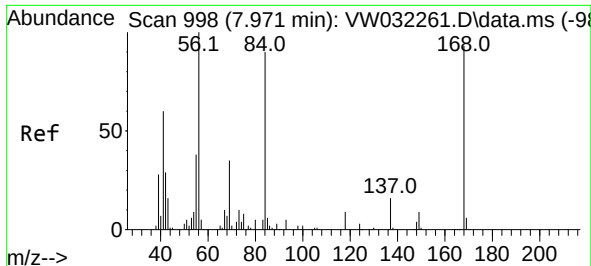
Tgt Ion: 83 Resp: 305100

Ion Ratio Lower Upper

83 100

85 65.2 53.3 79.9

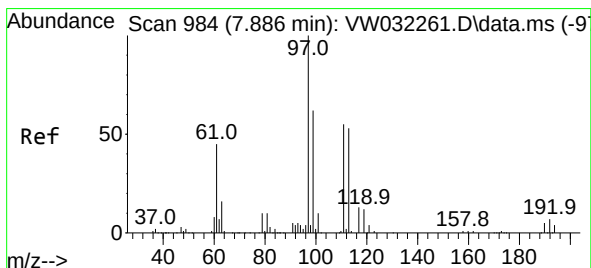
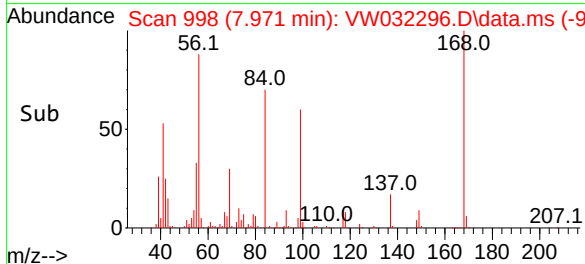
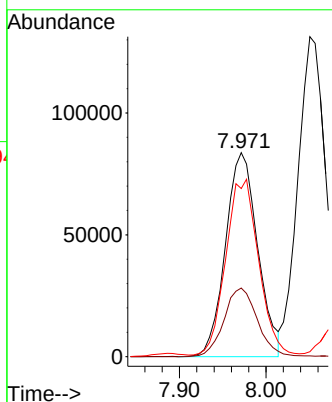
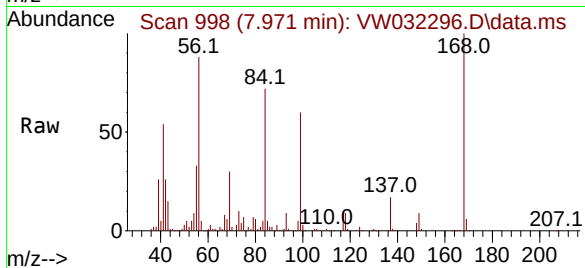




#31
Cyclohexane
Concen: 43.665 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

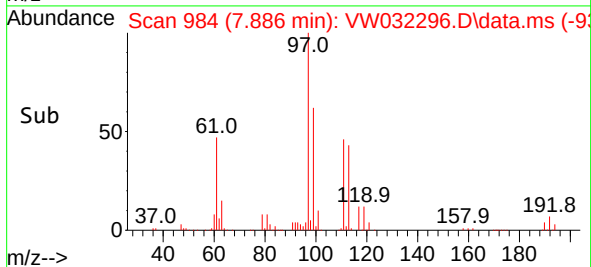
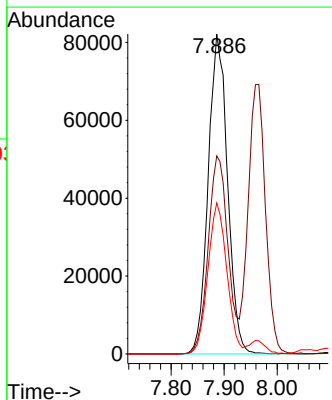
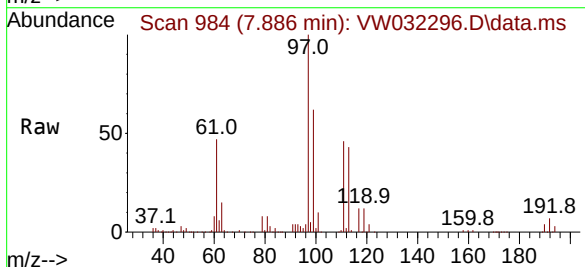
Instrument :
MSVOA_W
ClientSampleId :

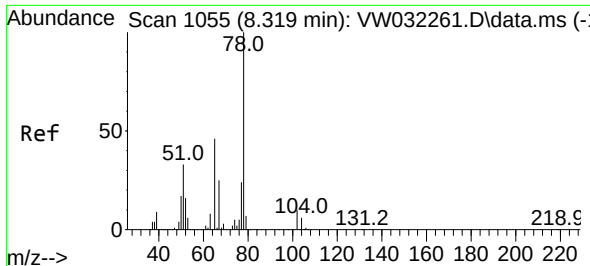
Tgt Ion: 56 Resp: 216754
Ion Ratio Lower Upper
56 100
69 33.7 28.2 42.2
84 81.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 46.940 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 97 Resp: 207706
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 46.5 36.2 54.4

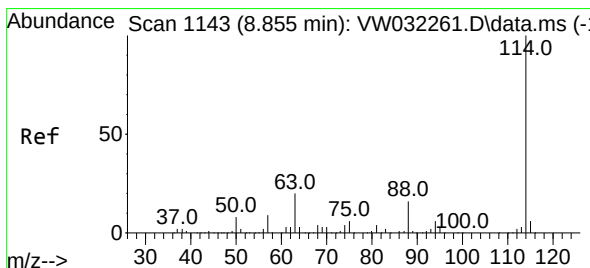
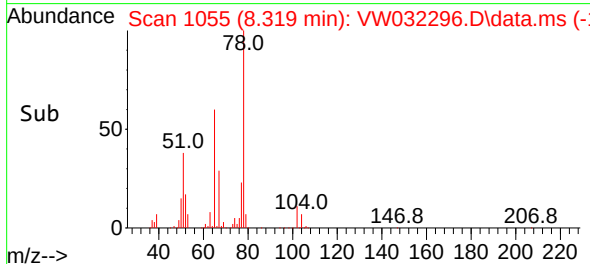
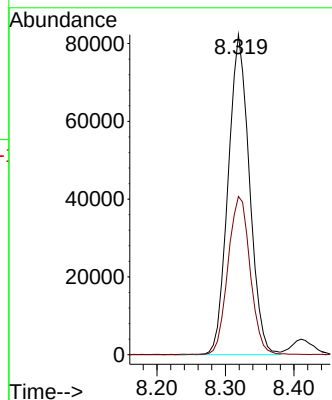
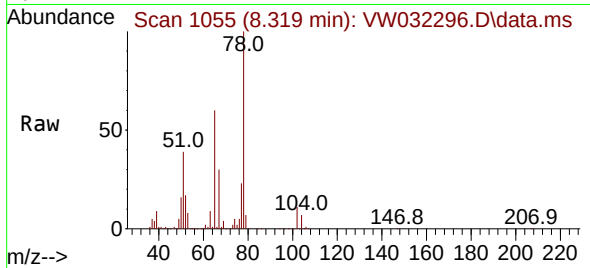




#33
 1,2-Dichloroethane-d4
 Concen: 46.212 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

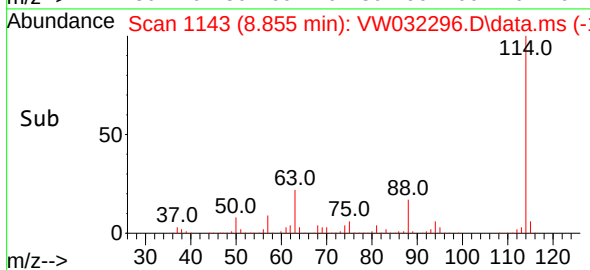
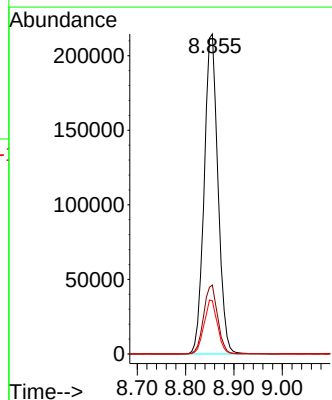
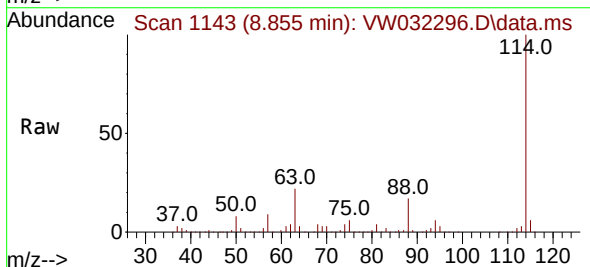
Instrument :
 MSVOA_W
 ClientSampleId :

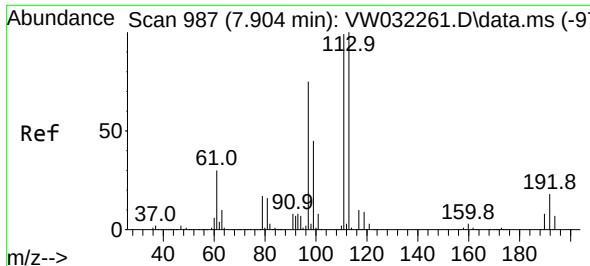
Tgt Ion: 65 Resp: 177665
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

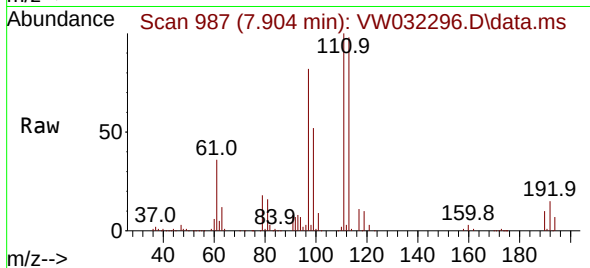
Tgt Ion: 114 Resp: 424985
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.2
 88 16.7 0.0 32.0



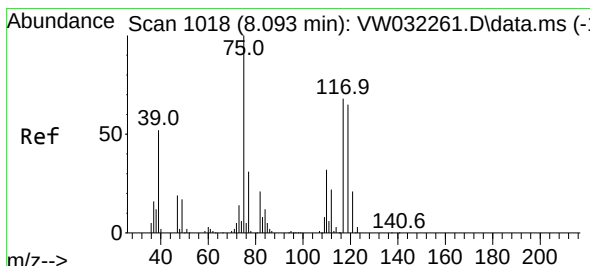
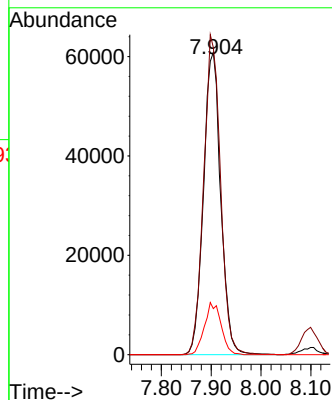
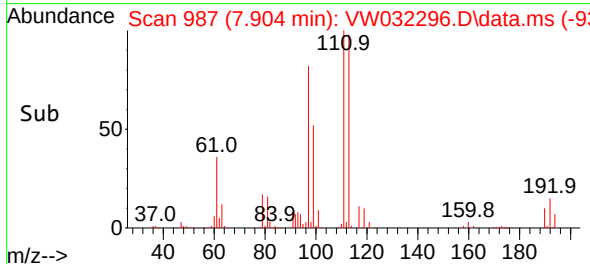


#35
 Dibromofluoromethane
 Concen: 47.689 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

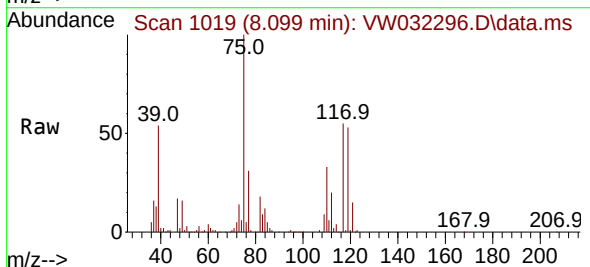
Instrument :
 MSVOA_W
 ClientSampleId :



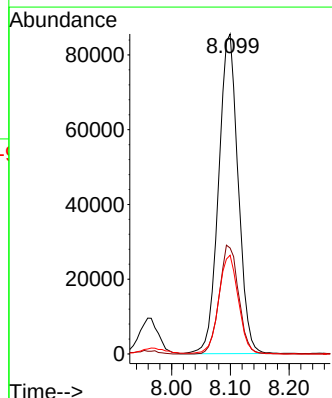
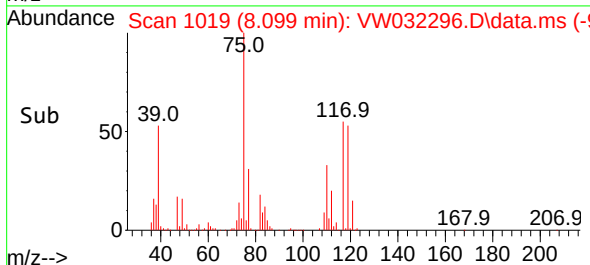
Tgt Ion:113 Resp: 145756
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 16.8 13.0 19.4

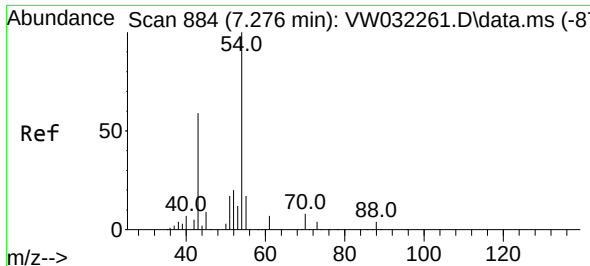


#36
 1,1-Dichloropropene
 Concen: 47.913 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00



Tgt Ion: 75 Resp: 197432
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.7 50.1
 77 31.3 25.2 37.8

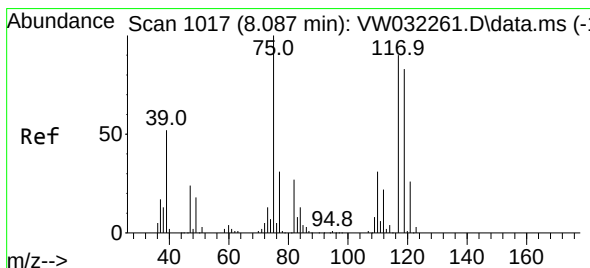
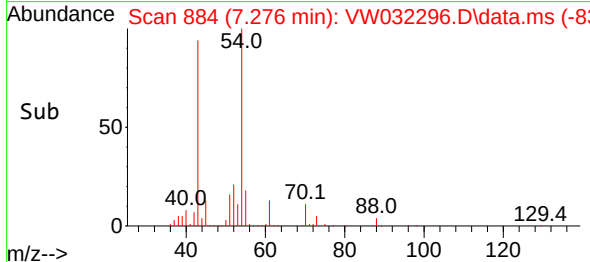
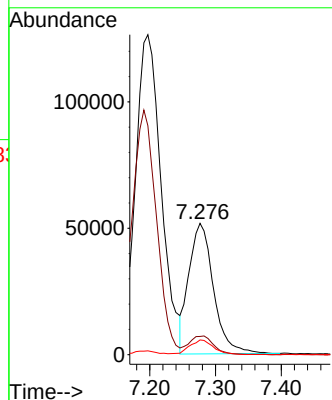
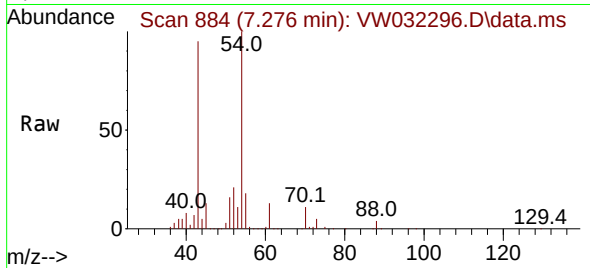




#37
Ethyl Acetate
Concen: 49.011 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

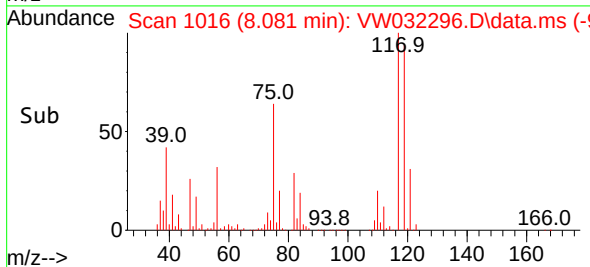
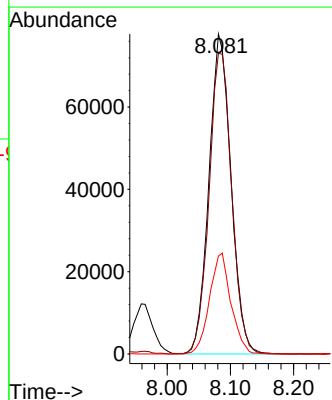
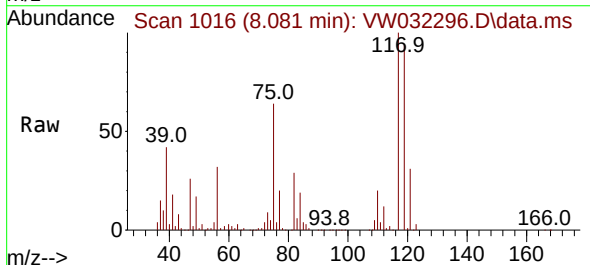
Instrument :
MSVOA_W
ClientSampleId :

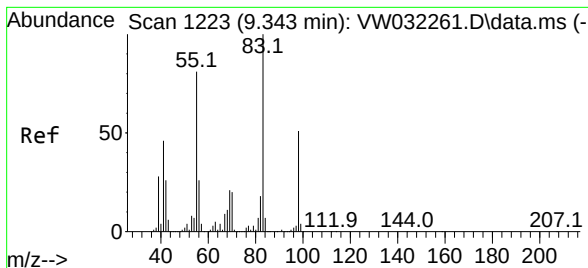
Tgt Ion: 43 Resp: 133941
Ion Ratio Lower Upper
43 100
61 14.2 10.5 15.7
70 11.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.598 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 117 Resp: 188401
Ion Ratio Lower Upper
117 100
119 93.8 73.9 110.9
121 30.6 23.0 34.6

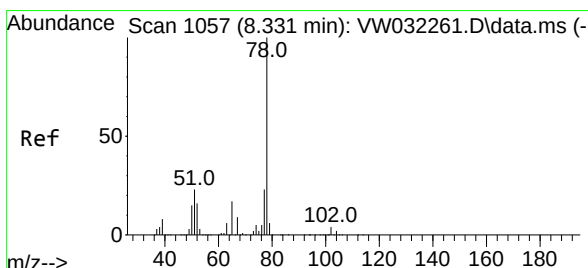
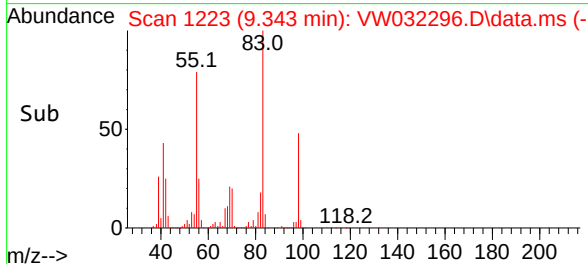
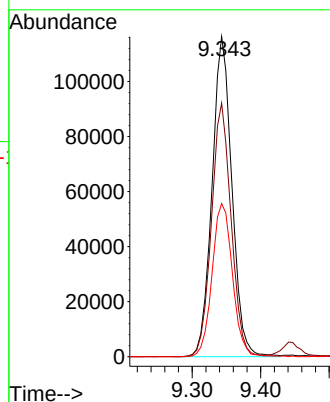
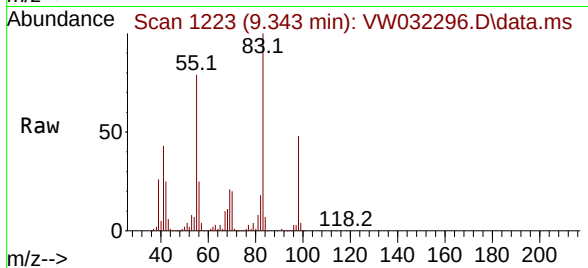




#39
Methylcyclohexane
Concen: 48.993 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

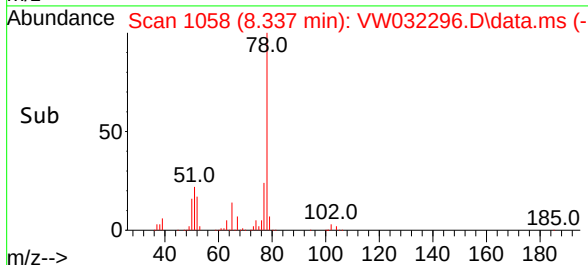
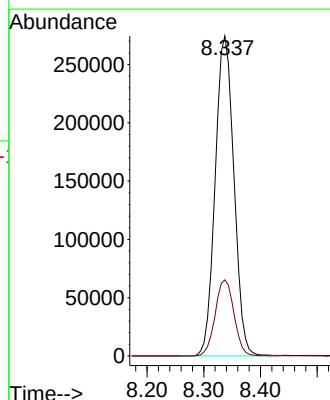
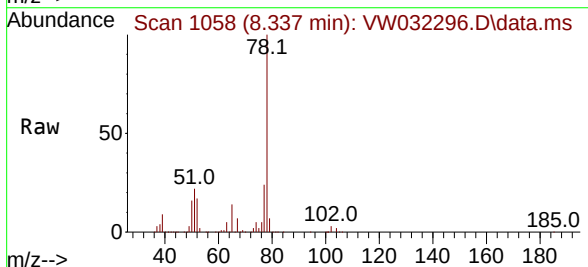
Instrument :
MSVOA_W
ClientSampleId :

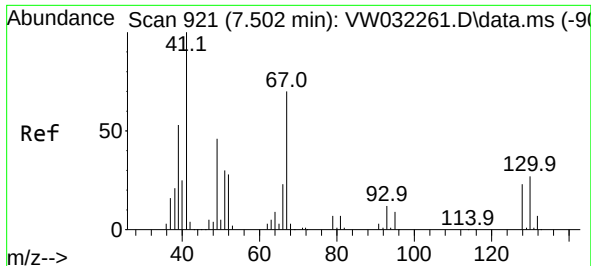
Tgt Ion: 83 Resp: 233596
Ion Ratio Lower Upper
83 100
55 79.3 65.0 97.6
98 47.9 40.8 61.2



#40
Benzene
Concen: 48.510 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

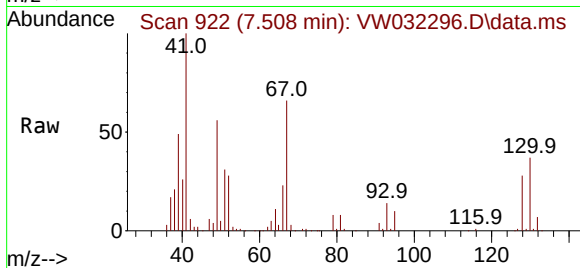
Tgt Ion: 78 Resp: 629200
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



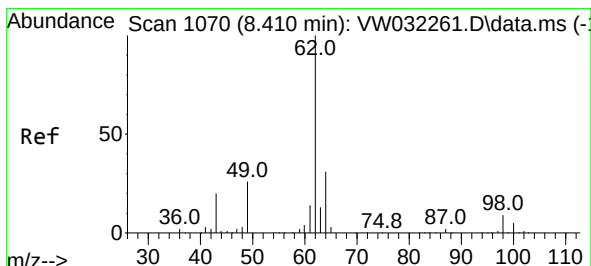
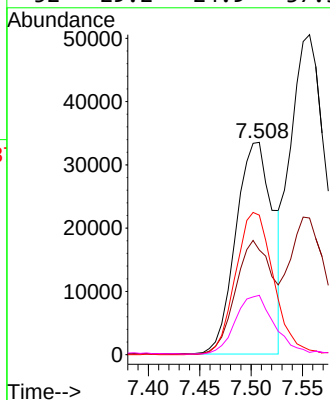
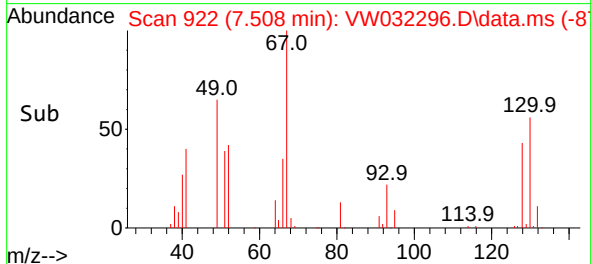


#41
Methacrylonitrile
Concen: 53.932 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Instrument :
MSVOA_W
ClientSampleId :

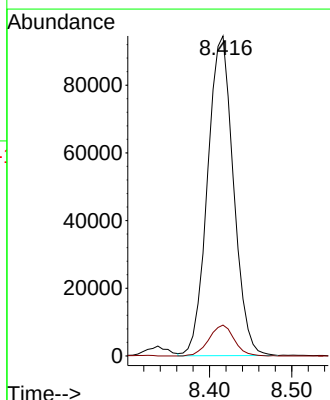
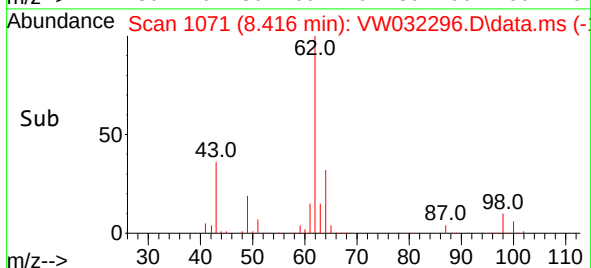
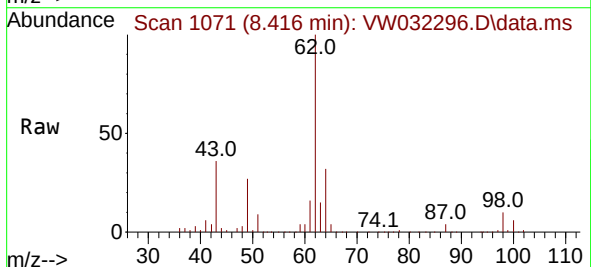


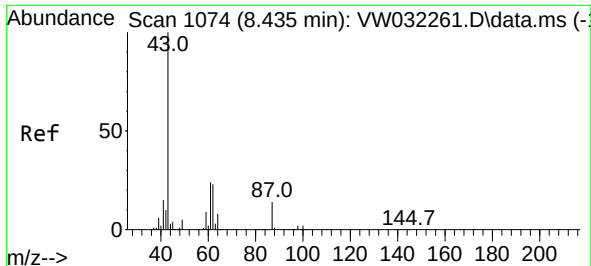
Tgt Ion:	41	Resp:	84413
Ion Ratio	Lower	Upper	
41	100		
39	53.2	46.9	70.3
67	69.5	59.0	88.4
52	29.2	24.9	37.3



#42
1,2-Dichloroethane
Concen: 47.984 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

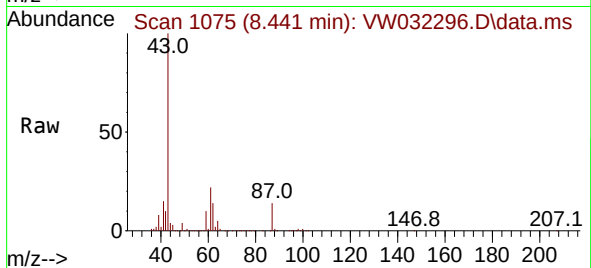
Tgt Ion:	62	Resp:	206872
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	18.4



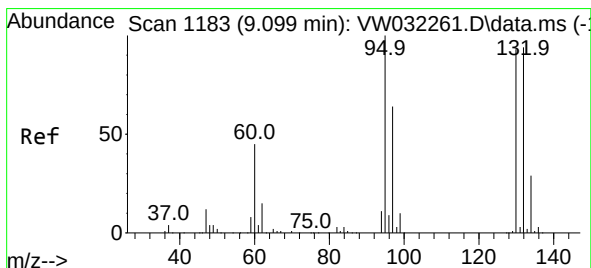
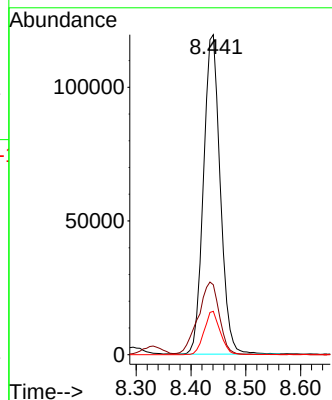
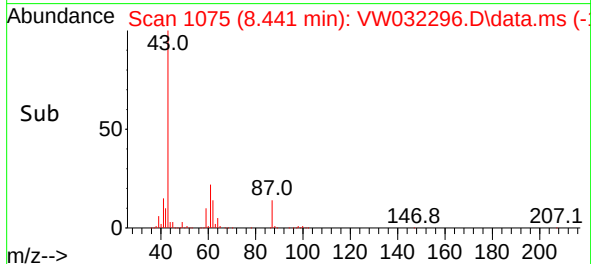


#43
Isopropyl Acetate
Concen: 51.667 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Instrument :
MSVOA_W
ClientSampleId :

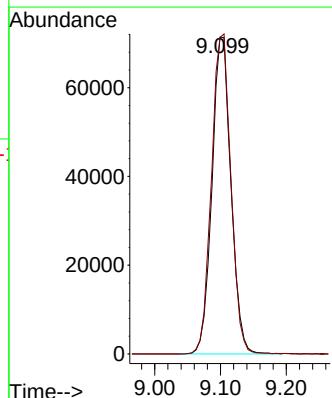
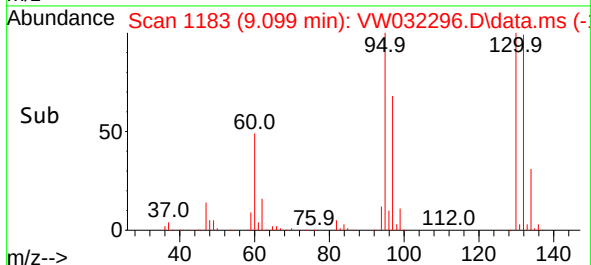
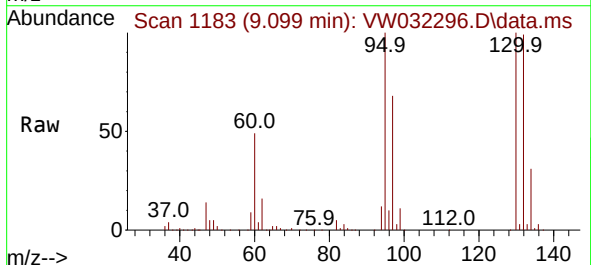


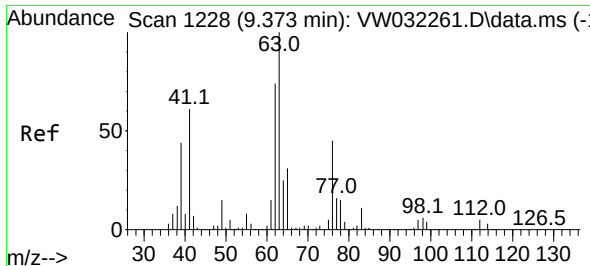
Tgt Ion: 43 Resp: 252752
Ion Ratio Lower Upper
43 100
61 28.5 24.2 36.2
87 13.2 10.6 16.0



#44
Trichloroethene
Concen: 47.269 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:130 Resp: 143307
Ion Ratio Lower Upper
130 100
95 99.8 0.0 215.2

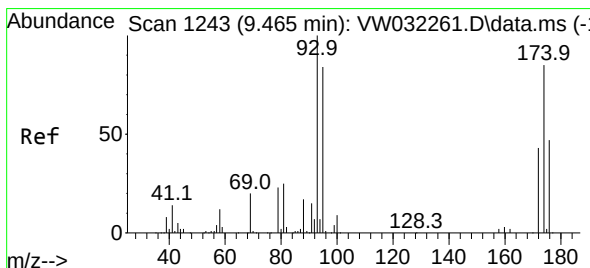
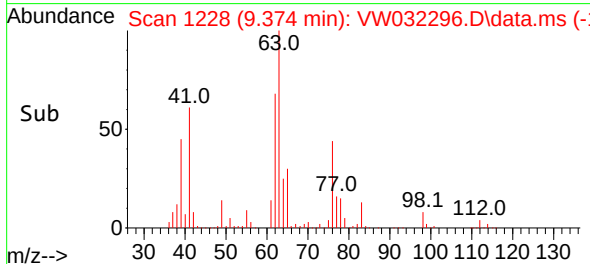
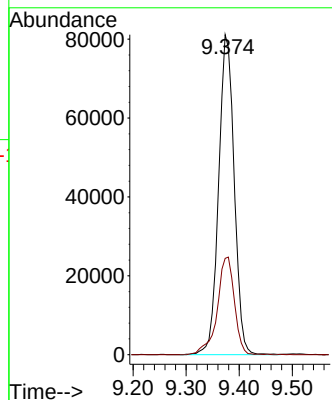
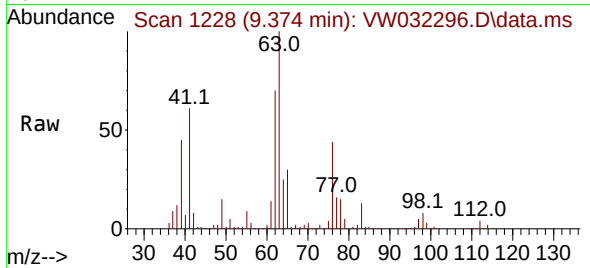




#45
1,2-Dichloropropane
Concen: 49.269 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

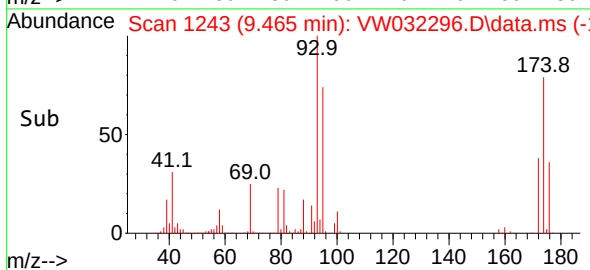
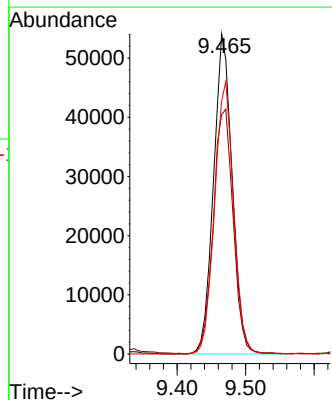
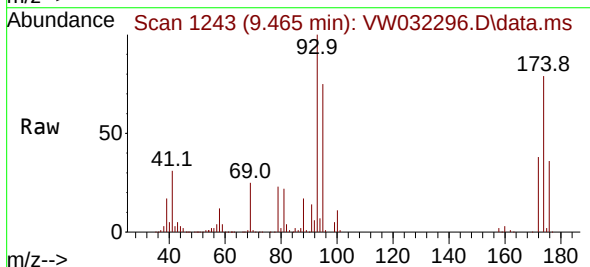
Instrument :
MSVOA_W
ClientSampleId :

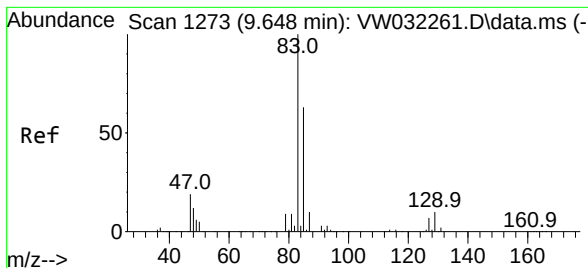
Tgt Ion: 63 Resp: 165511
Ion Ratio Lower Upper
63 100
65 30.1 24.9 37.3



#46
Dibromomethane
Concen: 49.738 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 93 Resp: 102728
Ion Ratio Lower Upper
93 100
95 81.3 66.6 99.8
174 86.1 69.0 103.6





#47

Bromodichloromethane

Concen: 49.080 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

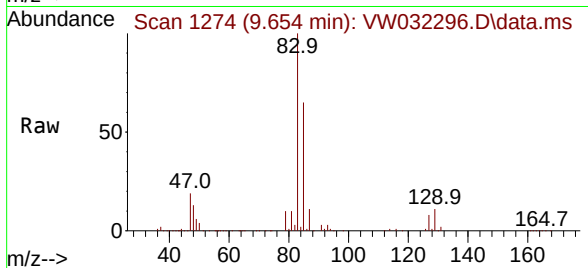
Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :



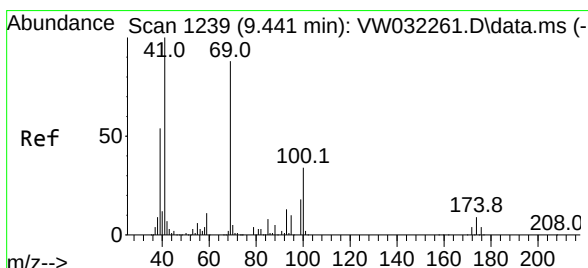
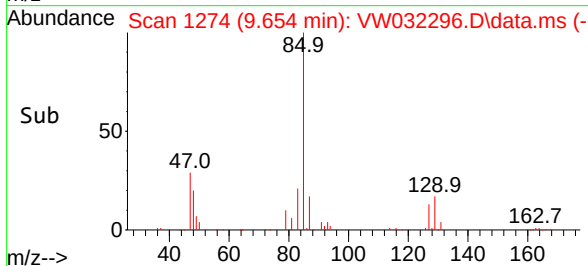
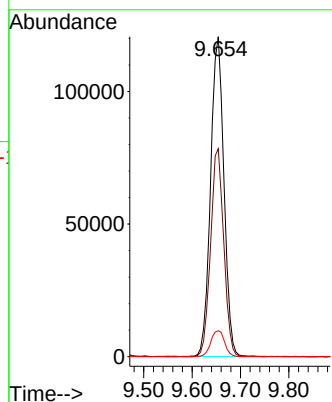
Tgt Ion: 83 Resp: 231201

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

127 8.1 5.6 8.4



#48

Methyl methacrylate

Concen: 54.194 ug/l

RT: 9.447 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

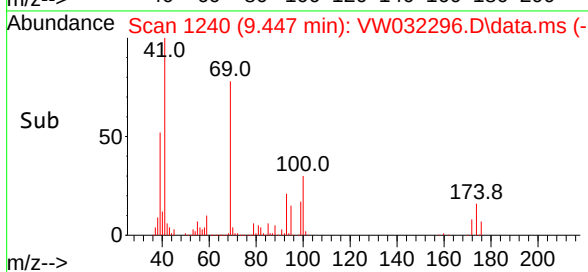
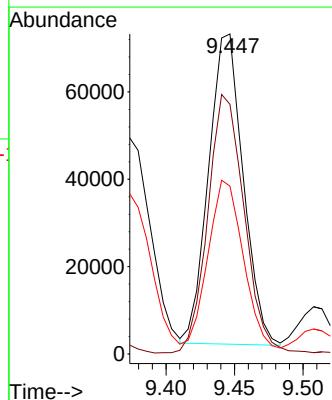
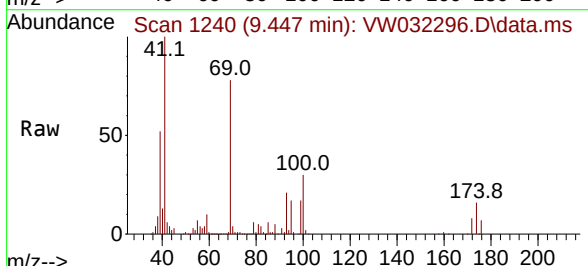
Tgt Ion: 41 Resp: 124725

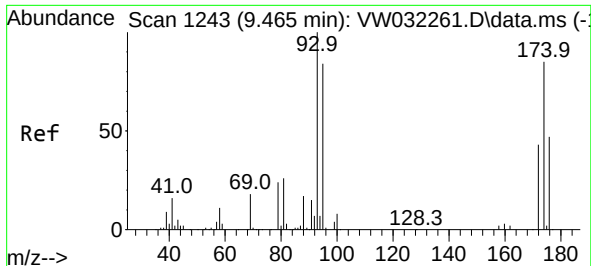
Ion Ratio Lower Upper

41 100

69 88.6 71.4 107.0

39 58.9 46.9 70.3





#49

1,4-Dioxane

Concen: 1010.824 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

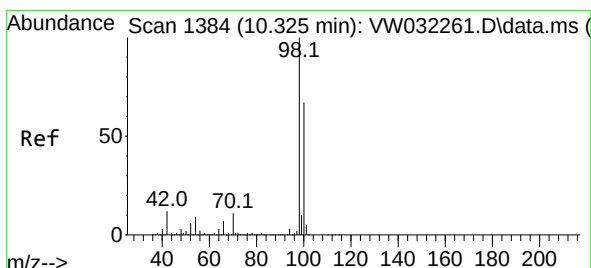
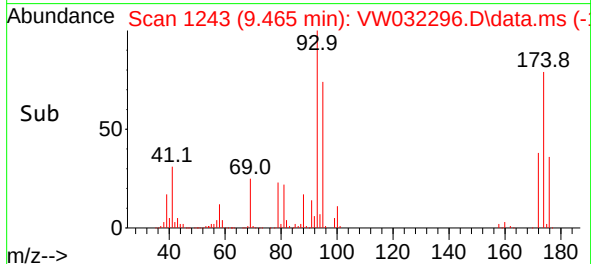
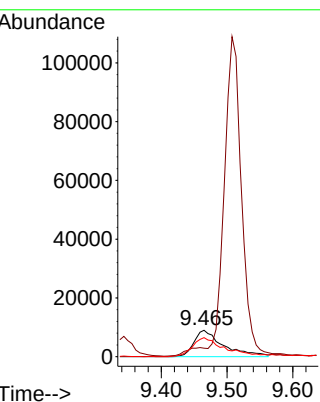
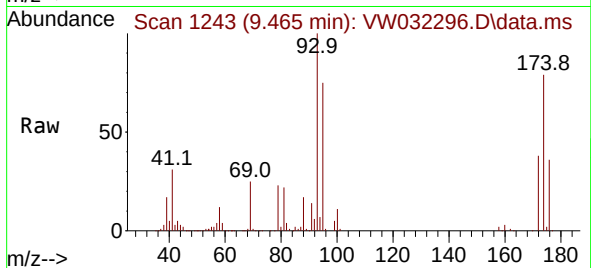
Tgt Ion: 88 Resp: 27961

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 83.9 62.9 94.3



#50

Toluene-d8

Concen: 46.936 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032296.D

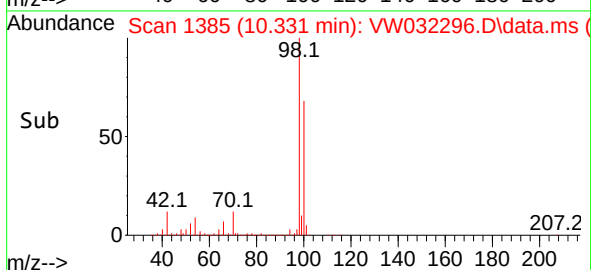
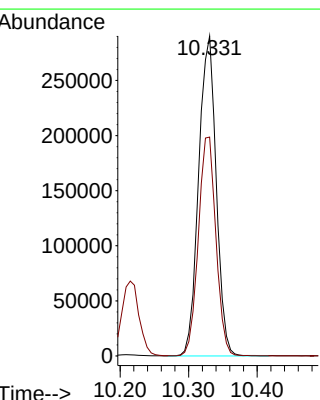
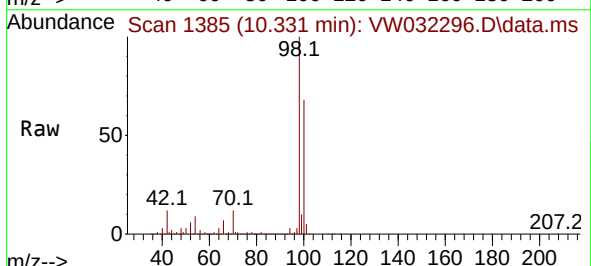
Acq: 29 Sep 2025 15:00

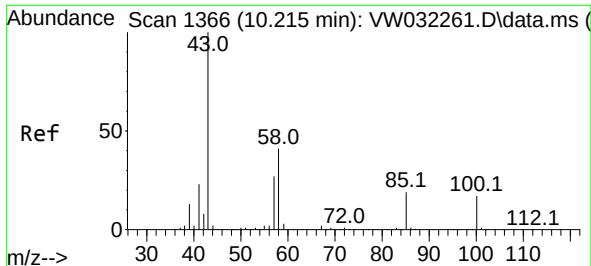
Tgt Ion: 98 Resp: 517004

Ion Ratio Lower Upper

98 100

100 68.6 53.0 79.4

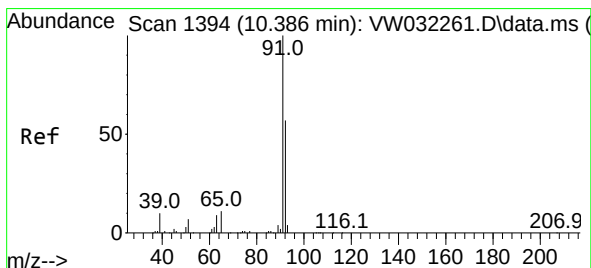
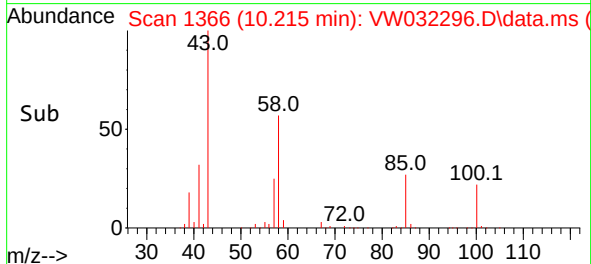
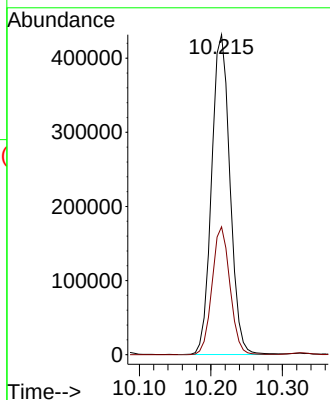
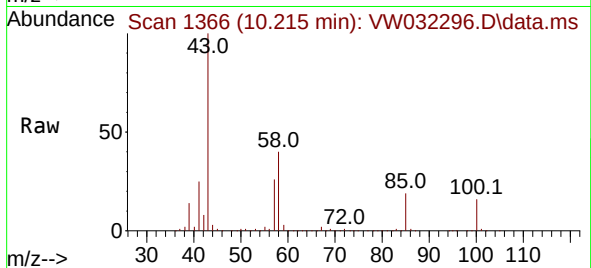




#51
4-Methyl-2-Pentanone
Concen: 265.454 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

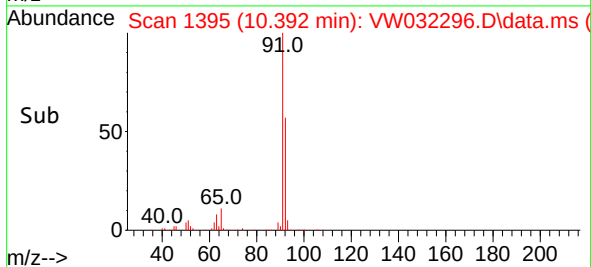
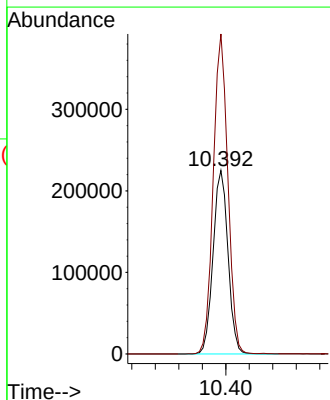
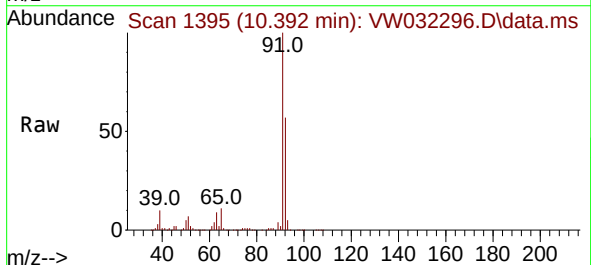
Instrument :
MSVOA_W
ClientSampleId :

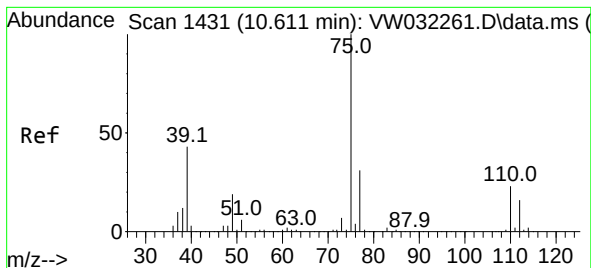
Tgt Ion: 43 Resp: 769949
Ion Ratio Lower Upper
43 100
58 39.0 32.3 48.5



#52
Toluene
Concen: 49.227 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 92 Resp: 395740
Ion Ratio Lower Upper
92 100
91 170.7 139.2 208.8

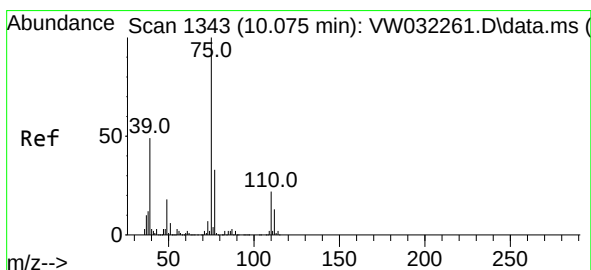
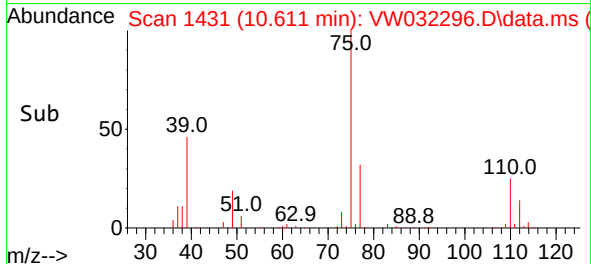
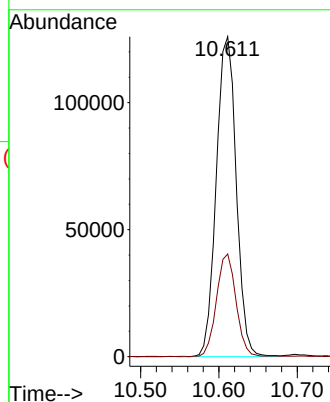
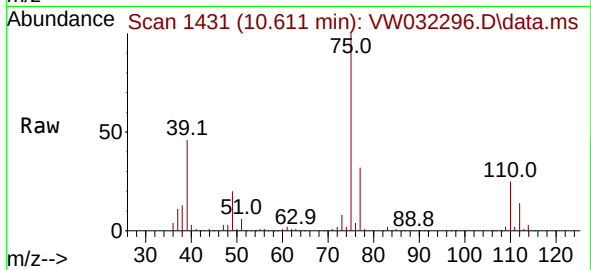




#53
 t-1,3-Dichloropropene
 Concen: 51.768 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

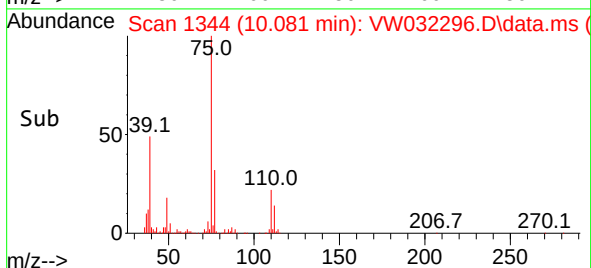
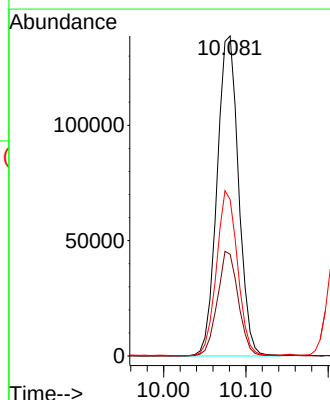
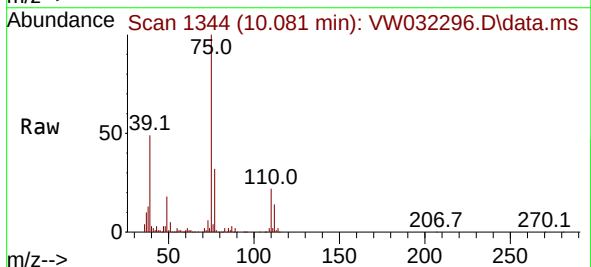
Instrument :
 MSVOA_W
 ClientSampleId :

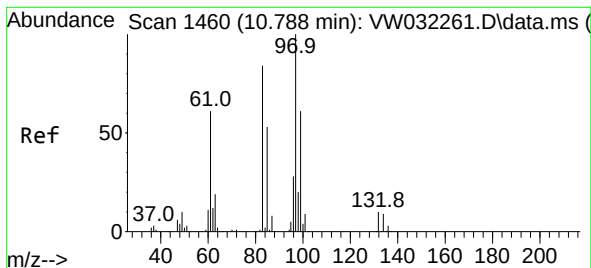
Tgt Ion: 75 Resp: 223431
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.599 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032296.D
 Acq: 29 Sep 2025 15:00

Tgt Ion: 75 Resp: 252123
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.2 39.4
 39 48.8 39.0 58.6

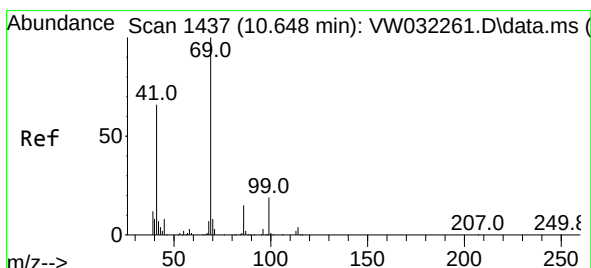
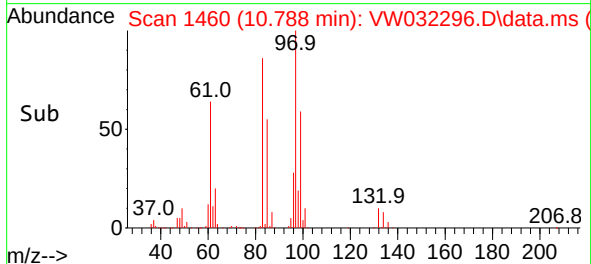
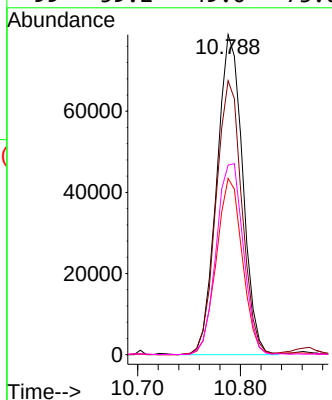
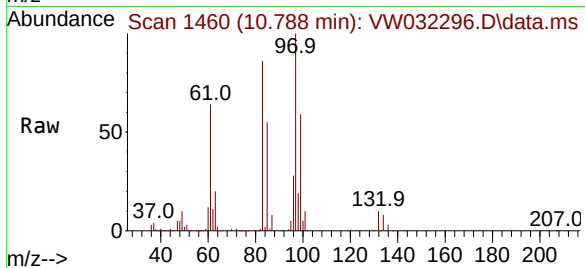




#55
1,1,2-Trichloroethane
Concen: 48.939 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

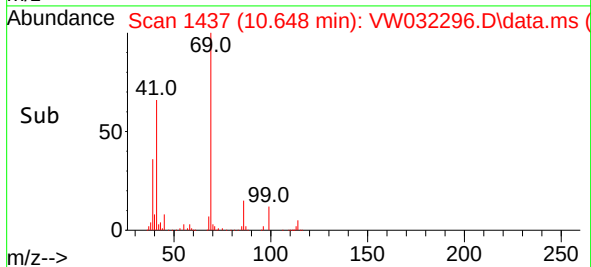
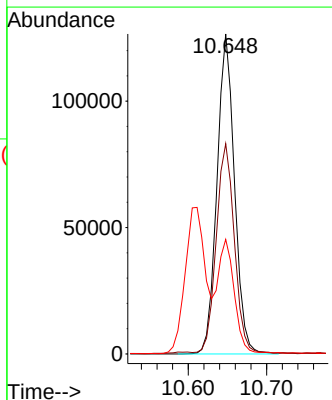
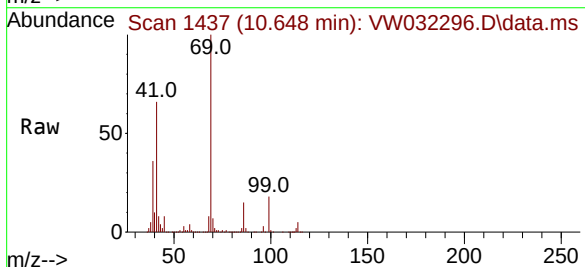
Instrument :
MSVOA_W
ClientSampleId :

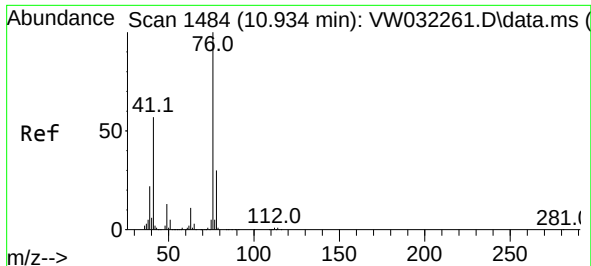
Tgt Ion:	97	Resp:	137969
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.4	101.2
85	55.0	42.0	63.0
99	59.2	49.0	73.6



#56
Ethyl methacrylate
Concen: 53.086 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:	69	Resp:	197137
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.7	82.1
39	33.8	26.3	39.5





#57

1,3-Dichloropropane

Concen: 49.003 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

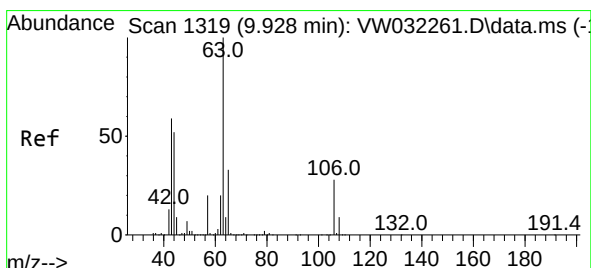
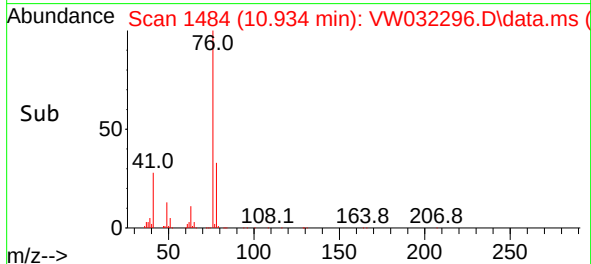
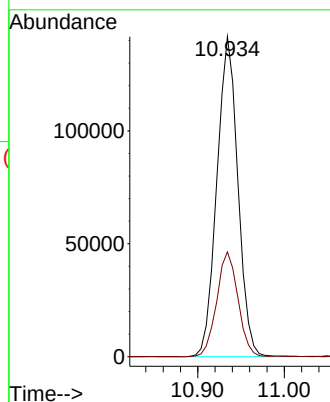
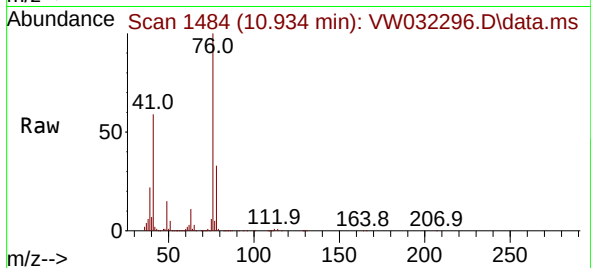
ClientSampleId :

Tgt Ion: 76 Resp: 238661

Ion Ratio Lower Upper

76 100

78 33.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 288.881 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032296.D

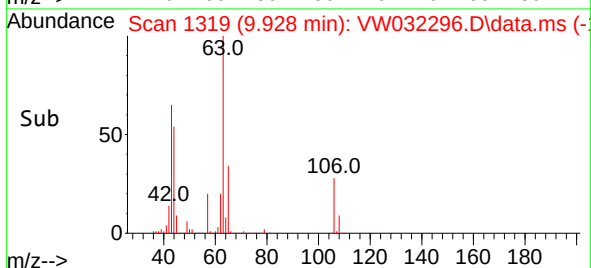
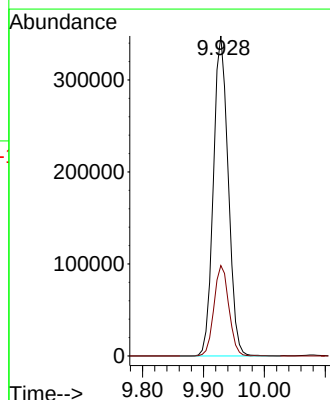
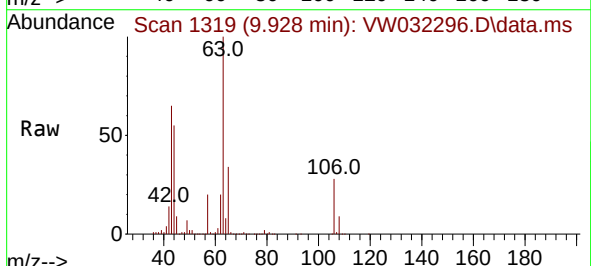
Acq: 29 Sep 2025 15:00

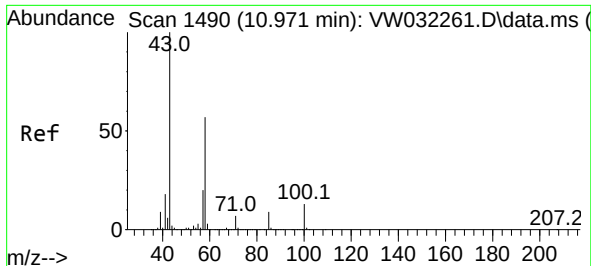
Tgt Ion: 63 Resp: 588892

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7

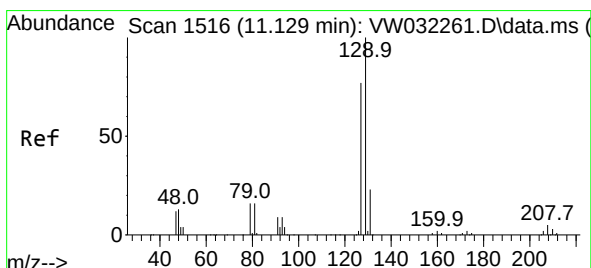
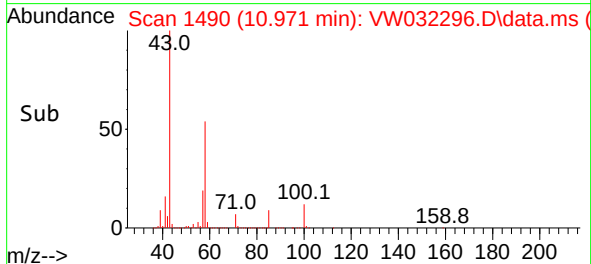
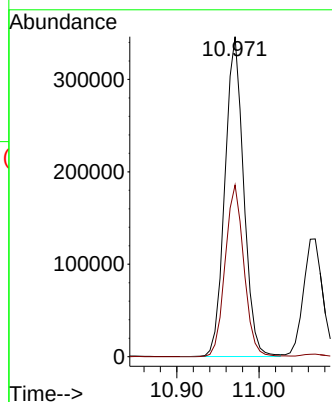
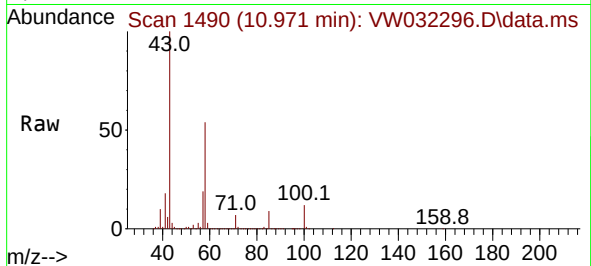




#59
2-Hexanone
Concen: 277.422 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

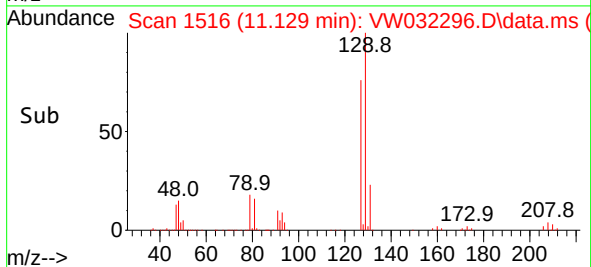
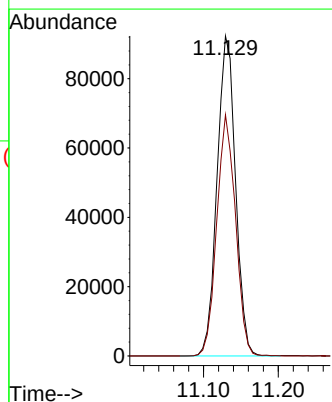
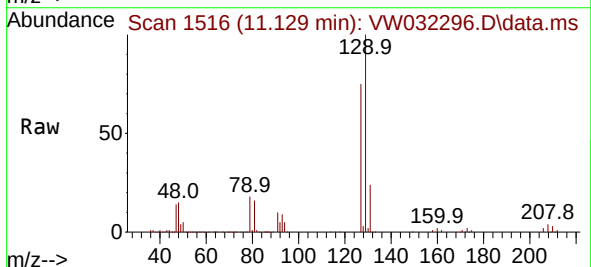
Instrument :
MSVOA_W
ClientSampleId :

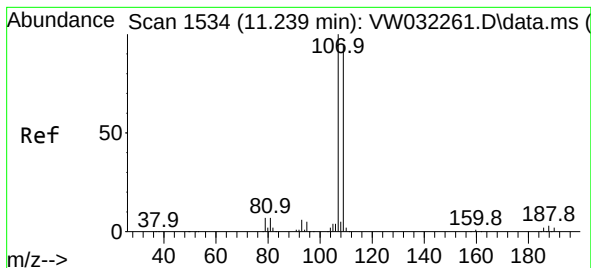
Tgt Ion: 43 Resp: 549496
Ion Ratio Lower Upper
43 100
58 53.7 27.9 83.6



#60
Dibromochloromethane
Concen: 51.281 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:129 Resp: 158774
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8

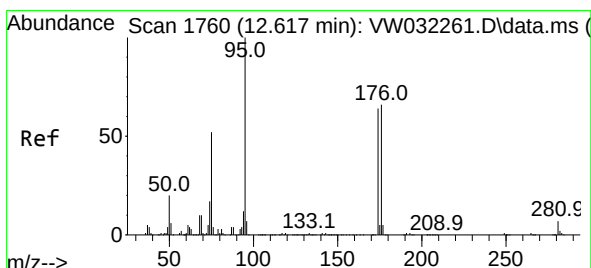
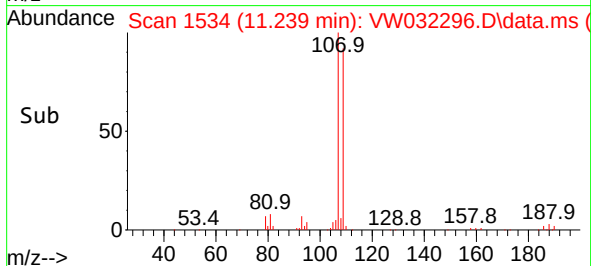
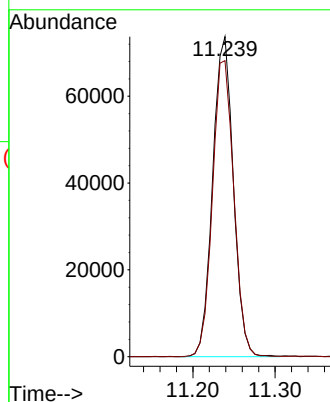
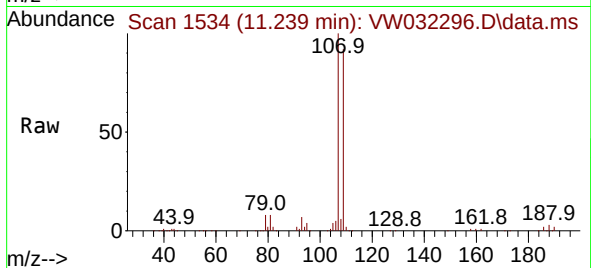




#61
1,2-Dibromoethane
Concen: 48.176 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

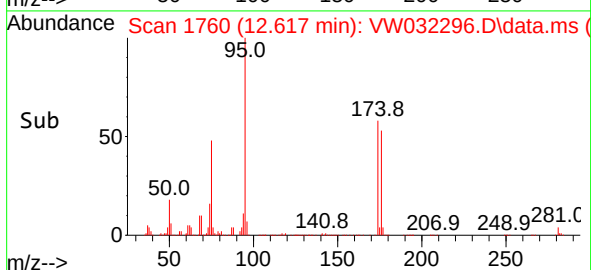
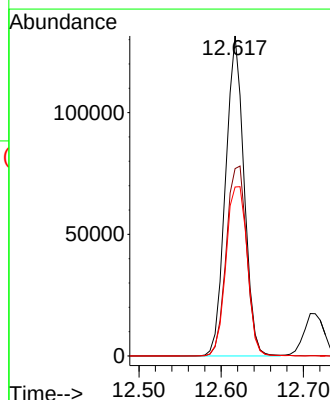
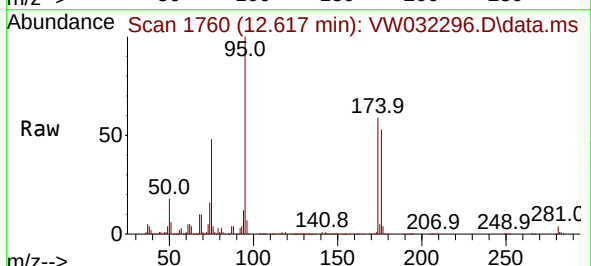
Instrument :
MSVOA_W
ClientSampleId :

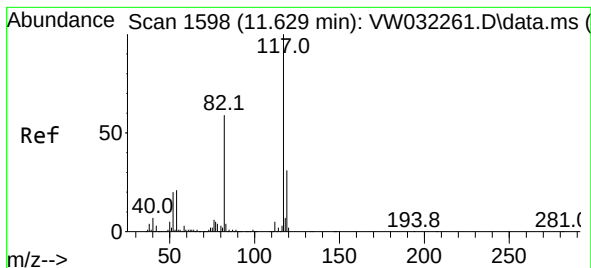
Tgt Ion:107 Resp: 128673
Ion Ratio Lower Upper
107 100
109 95.5 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 49.486 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 95 Resp: 205610
Ion Ratio Lower Upper
95 100
174 65.7 0.0 130.6
176 60.9 0.0 127.0

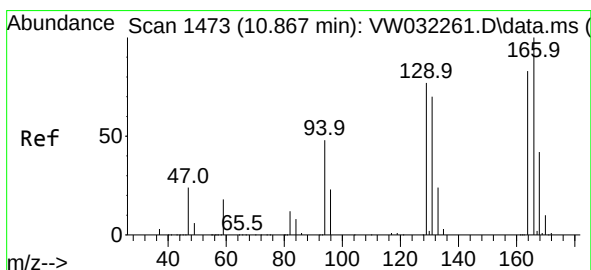
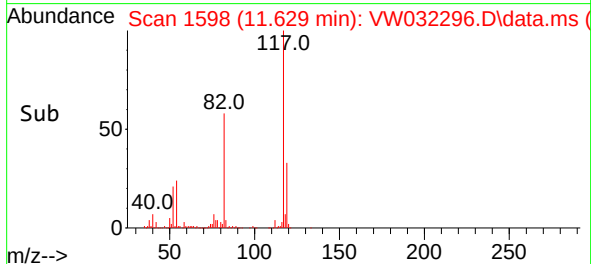
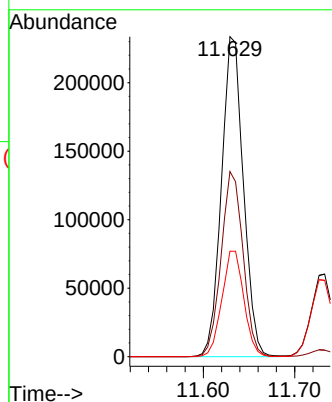
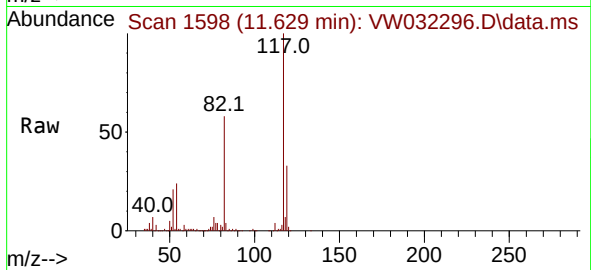




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

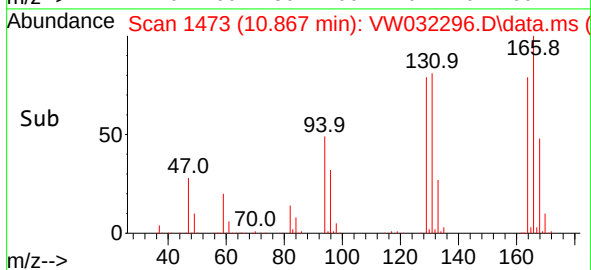
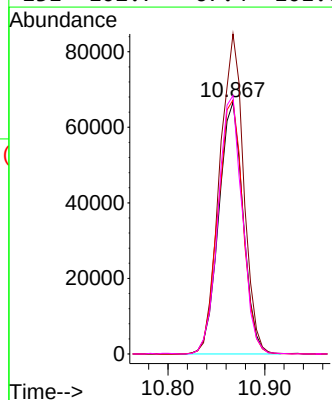
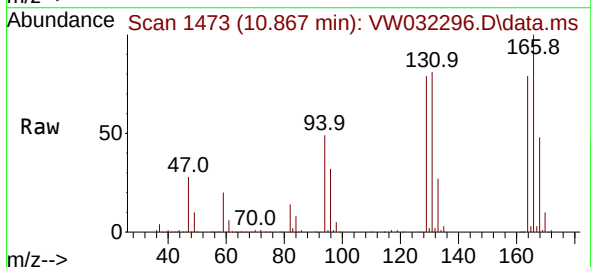
Instrument :
MSVOA_W
ClientSampleId :

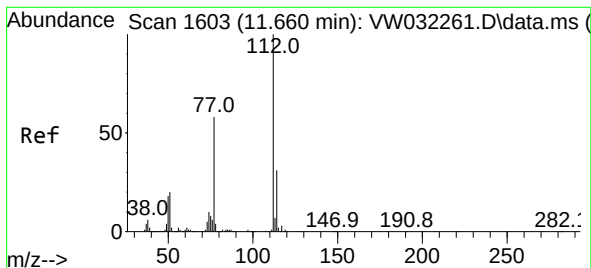
Tgt Ion:117 Resp: 389862
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 33.0 24.9 37.3



#64
Tetrachloroethene
Concen: 48.852 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:164 Resp: 116065
Ion Ratio Lower Upper
164 100
166 127.2 96.9 145.3
129 100.9 75.0 112.4
131 102.7 67.4 101.0#





#65

Chlorobenzene

Concen: 50.041 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

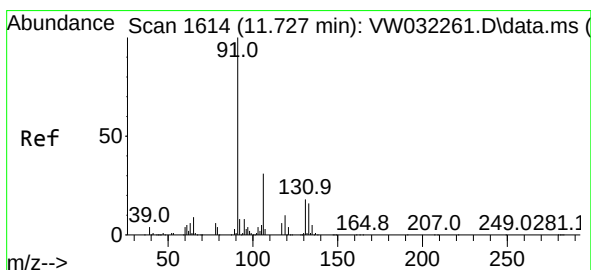
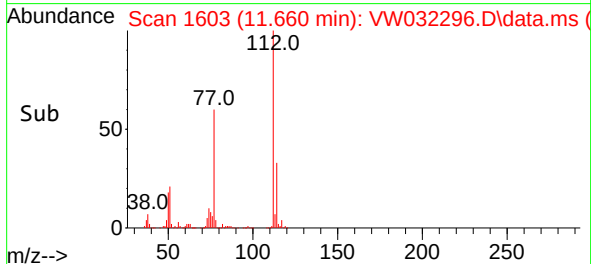
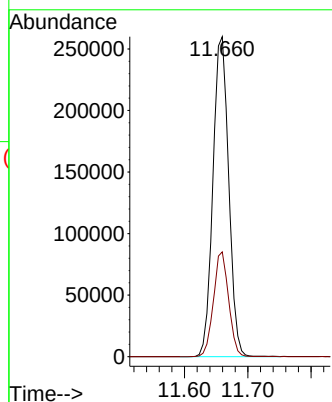
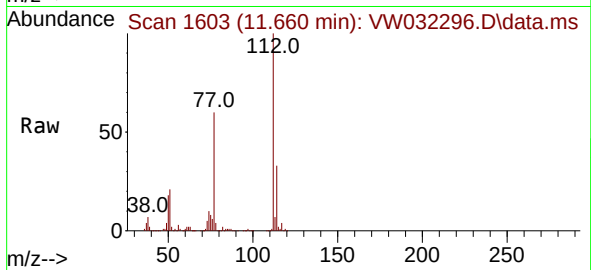
ClientSampleId :

Tgt Ion:112 Resp: 449377

Ion Ratio Lower Upper

112 100

114 32.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.262 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

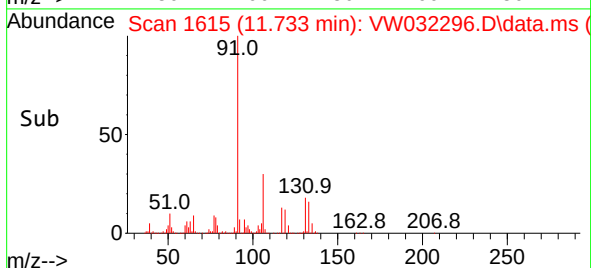
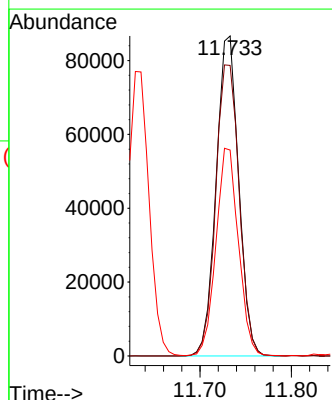
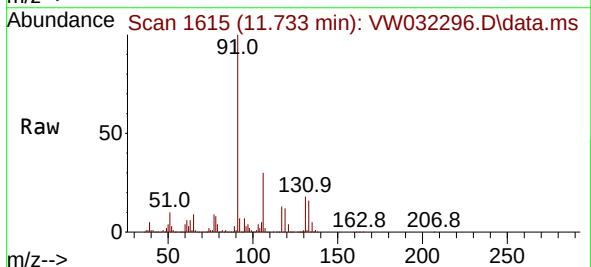
Tgt Ion:131 Resp: 148426

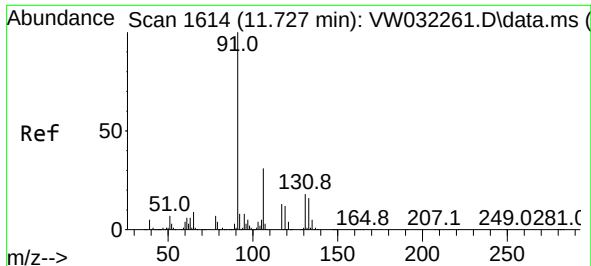
Ion Ratio Lower Upper

131 100

133 95.0 47.1 141.3

119 64.9 33.9 101.7

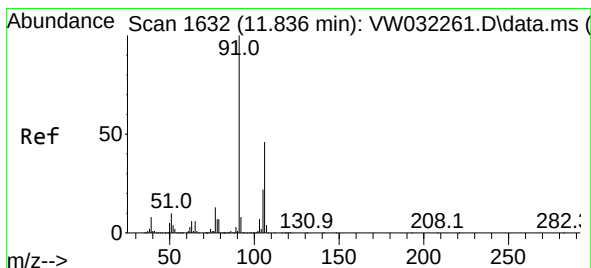
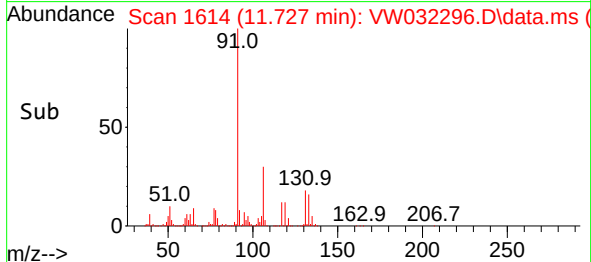
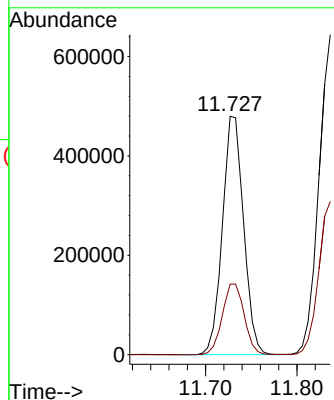
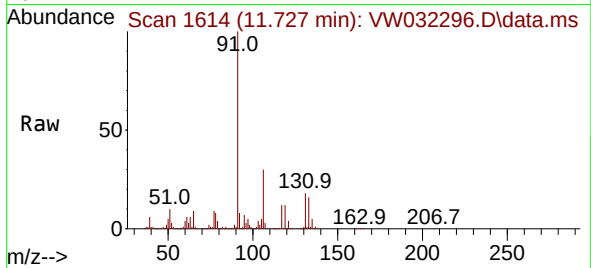




#67
Ethyl Benzene
Concen: 52.673 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

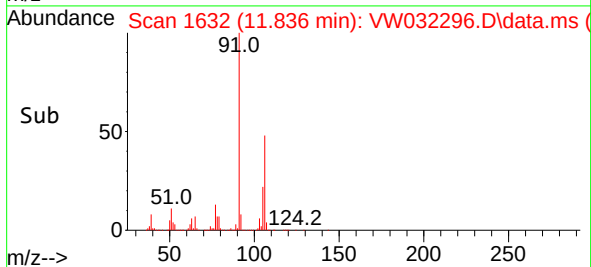
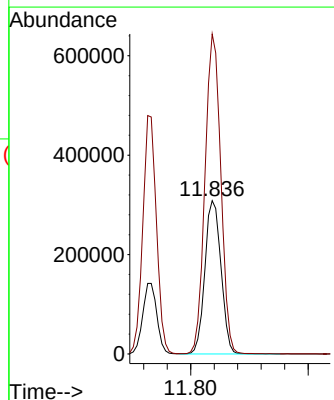
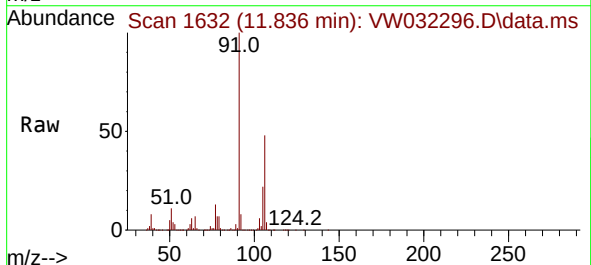
Instrument :
MSVOA_W
ClientSampleId :

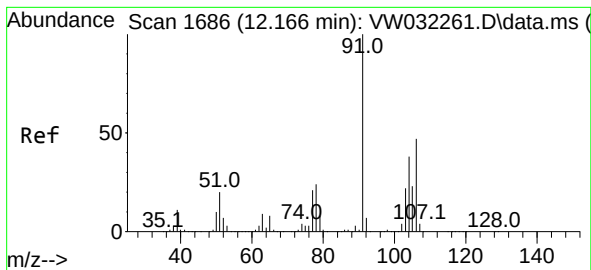
Tgt Ion: 91 Resp: 774243
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1



#68
m/p-Xylenes
Concen: 104.172 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:106 Resp: 586975
Ion Ratio Lower Upper
106 100
91 205.2 169.0 253.4

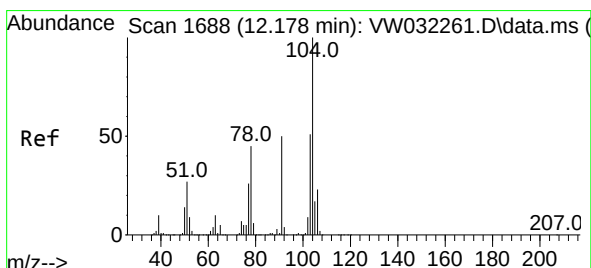
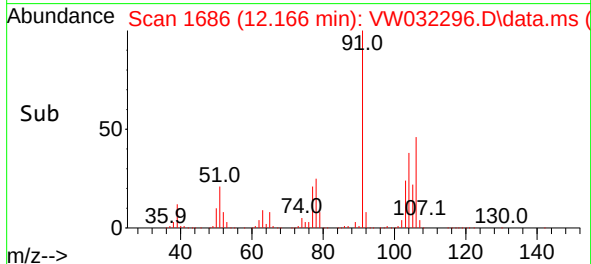
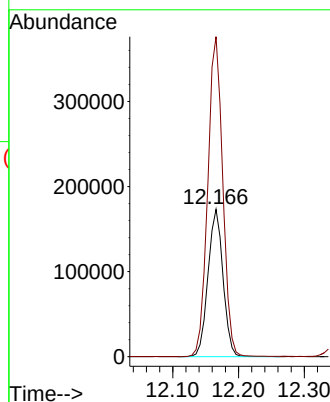
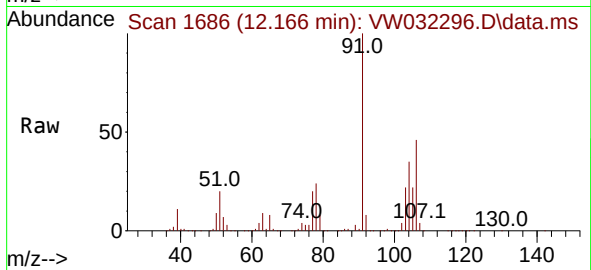




#69
o-Xylene
Concen: 51.866 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

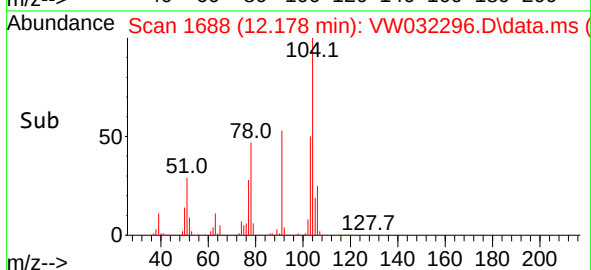
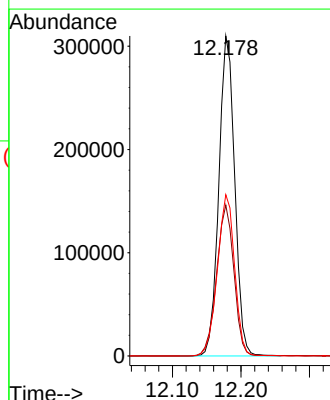
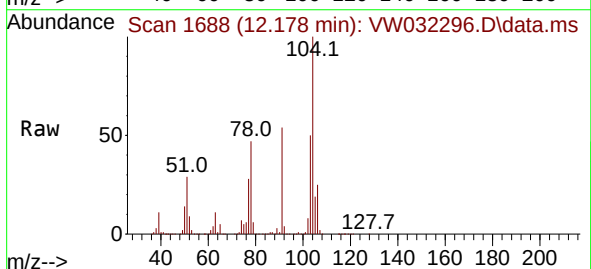
Instrument :
MSVOA_W
ClientSampleId :

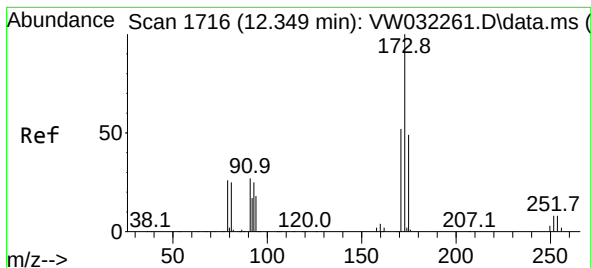
Tgt Ion:106 Resp: 274656
Ion Ratio Lower Upper
106 100
91 217.2 107.8 323.6



#70
Styrene
Concen: 53.649 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:104 Resp: 498206
Ion Ratio Lower Upper
104 100
78 51.4 40.8 61.2
103 54.7 43.4 65.2





#71

Bromoform

Concen: 51.358 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032296.D

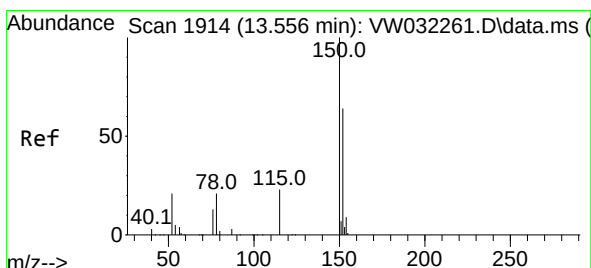
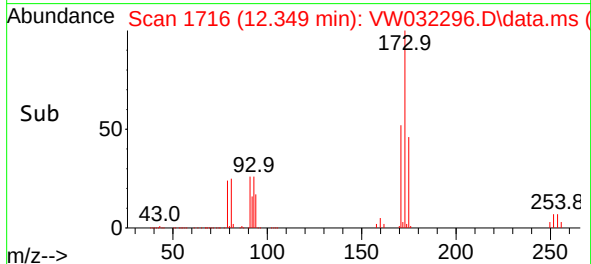
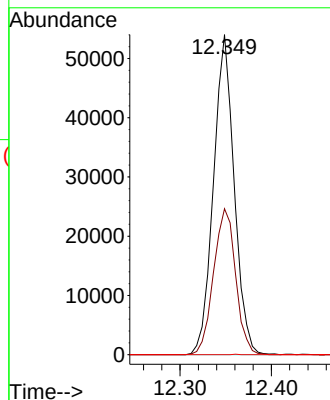
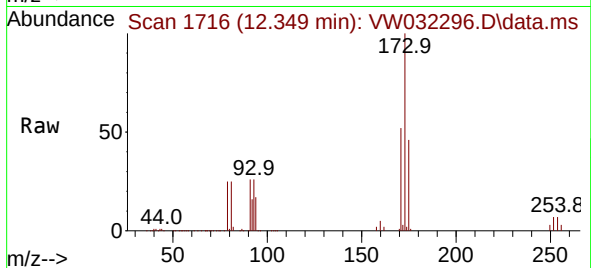
Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	85000
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.1 69.2
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

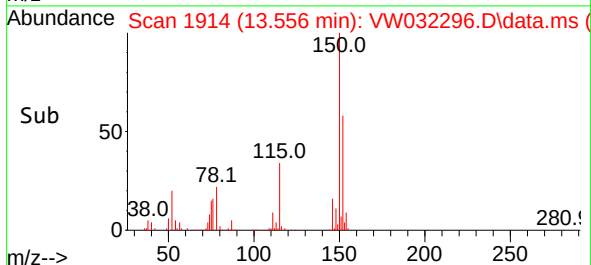
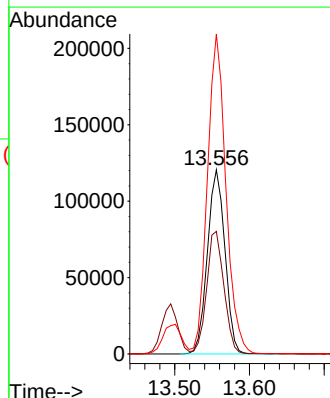
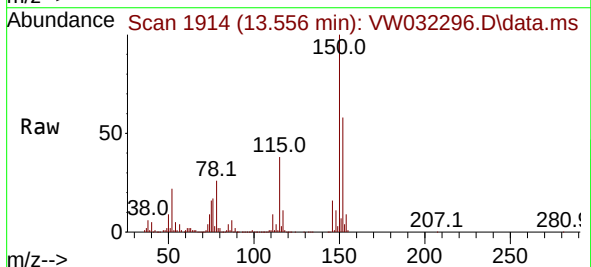
RT: 13.556 min Scan# 1914

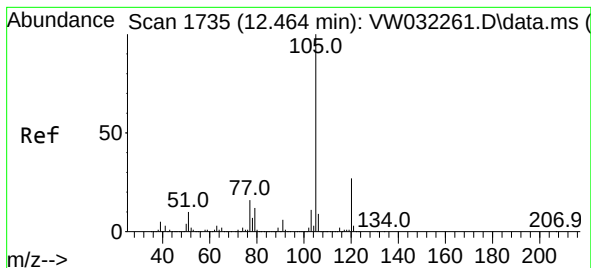
Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Tgt Ion:152	Resp:	196973
Ion Ratio	Lower	Upper
152	100	
115	65.1	32.5 97.5
150	182.1	0.0 370.2





#73

Isopropylbenzene

Concen: 51.616 ug/l

RT: 12.464 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

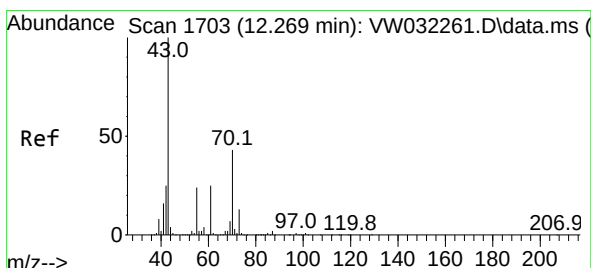
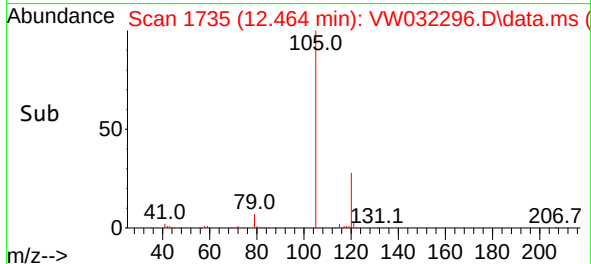
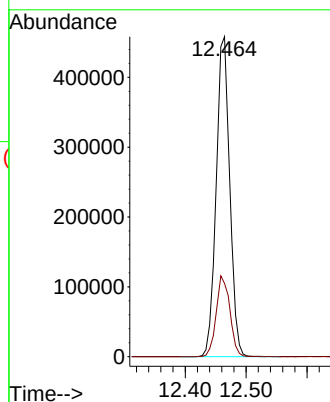
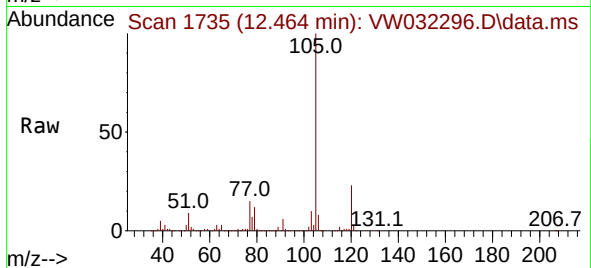
ClientSampleId :

Tgt Ion:105 Resp: 707636

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.3



#74

N-ethyl acetate

Concen: 53.851 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Tgt Ion: 43 Resp: 232494

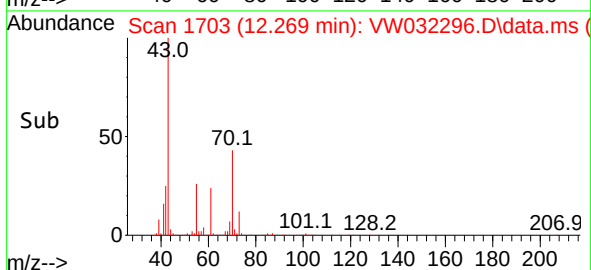
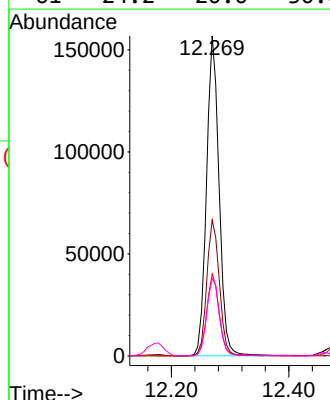
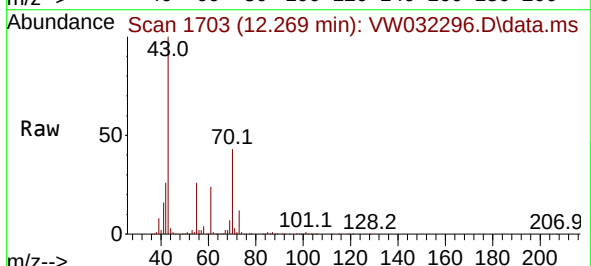
Ion Ratio Lower Upper

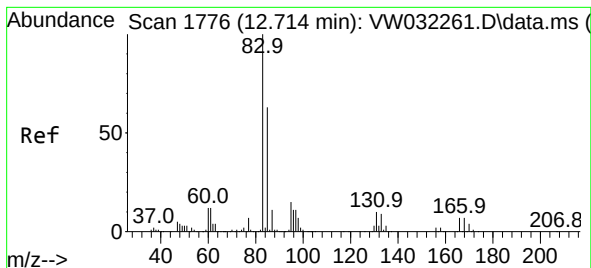
43 100

70 42.9 35.0 52.4

55 25.9 20.6 31.0

61 24.2 20.0 30.0

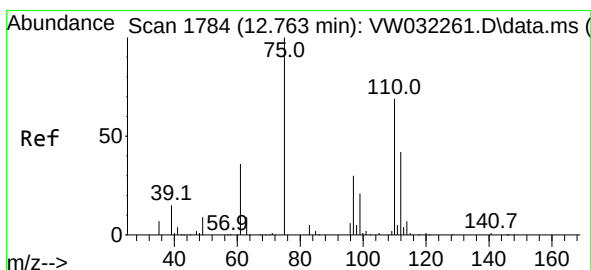
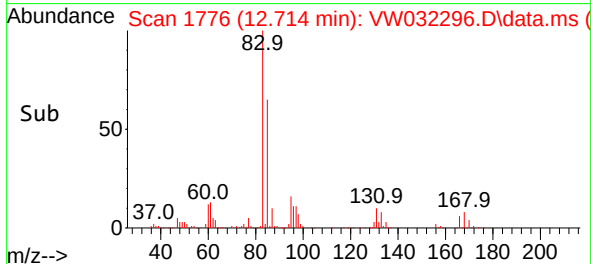
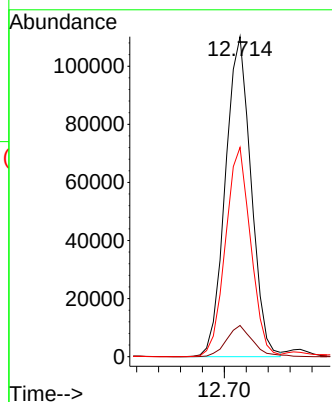
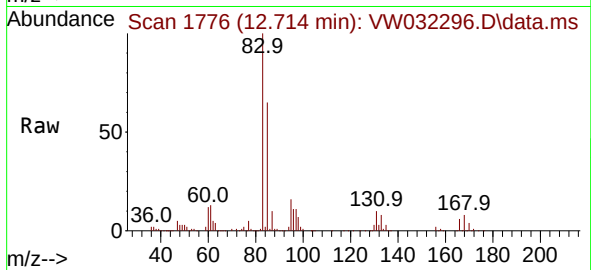




#75
1,1,2,2-Tetrachloroethane
Concen: 49.844 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

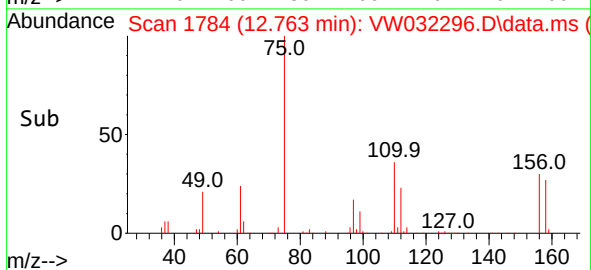
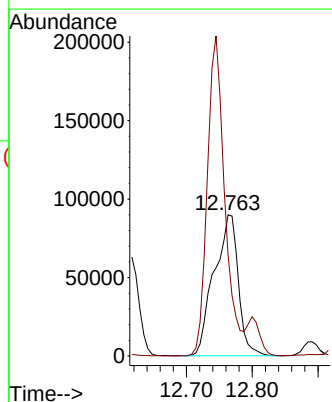
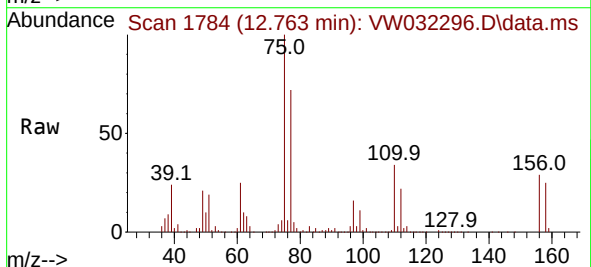
Instrument :
MSVOA_W
ClientSampleId :

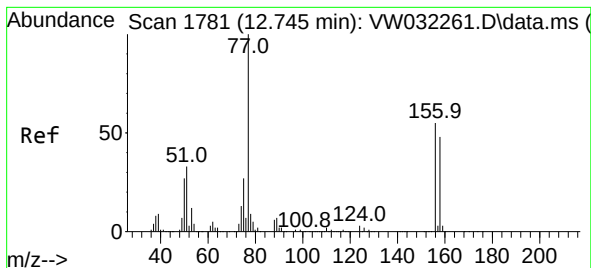
Tgt Ion: 83 Resp: 179164
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.3 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 84.789 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion: 75 Resp: 229770
Ion Ratio Lower Upper
75 100
77 164.7 140.9 422.7





#77

Bromobenzene

Concen: 50.892 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

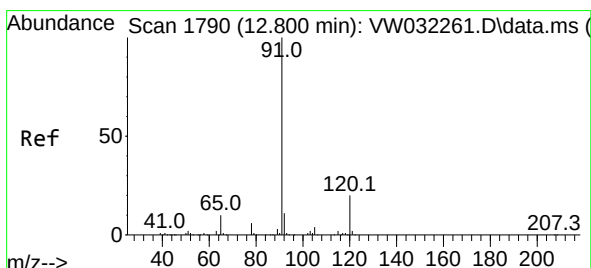
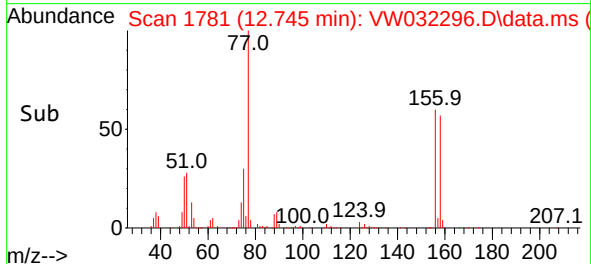
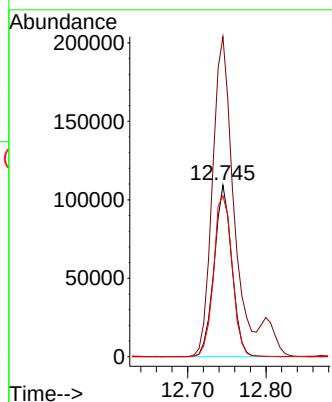
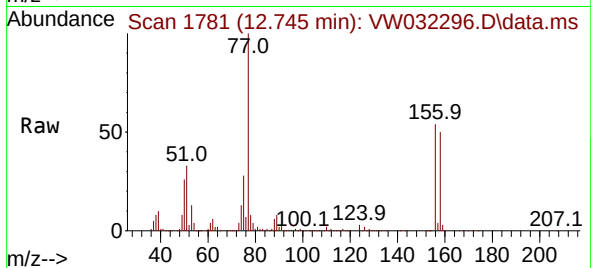
Tgt Ion:156 Resp: 171611

Ion Ratio Lower Upper

156 100

77 220.5 103.3 309.8

158 98.6 45.4 136.2



#78

n-propylbenzene

Concen: 51.987 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032296.D

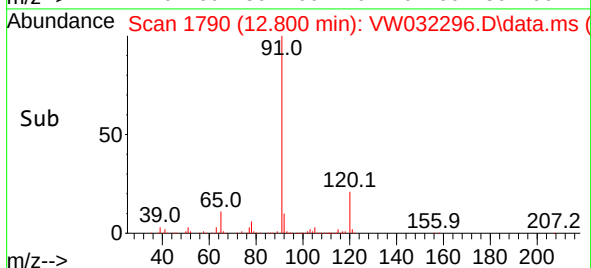
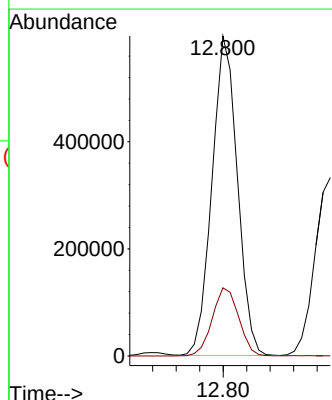
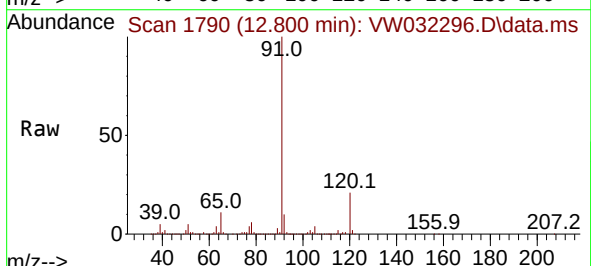
Acq: 29 Sep 2025 15:00

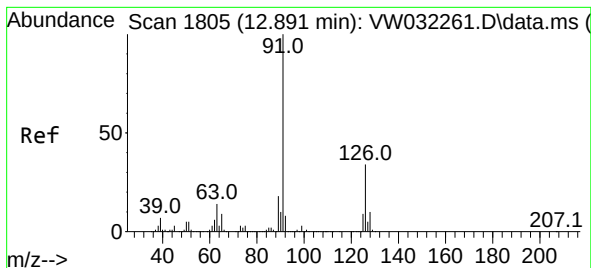
Tgt Ion: 91 Resp: 895254

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9

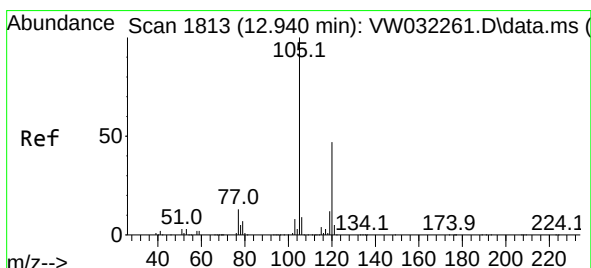
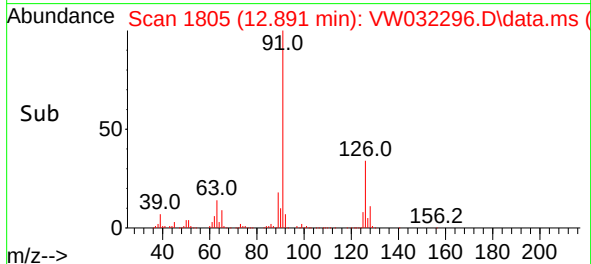
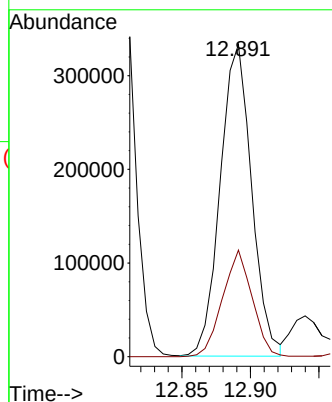
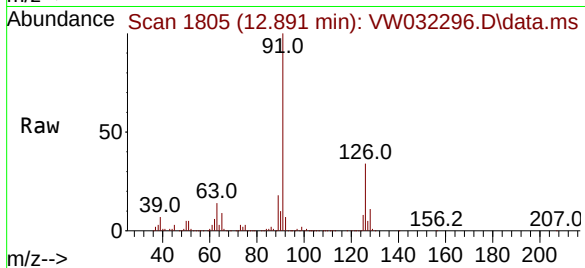




#79
2-Chlorotoluene
Concen: 50.866 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

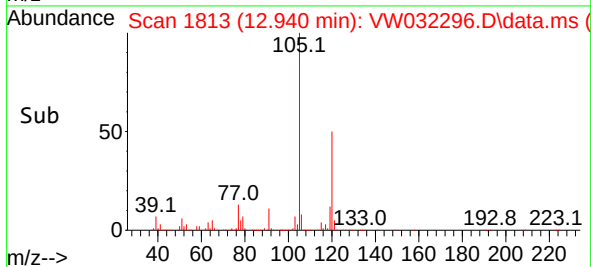
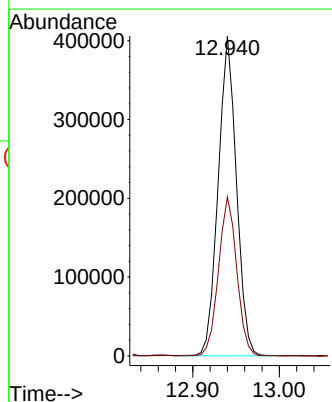
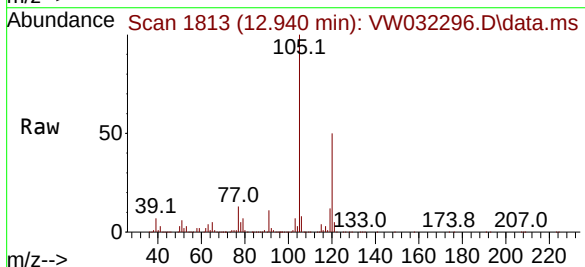
Instrument :
MSVOA_W
ClientSampleId :

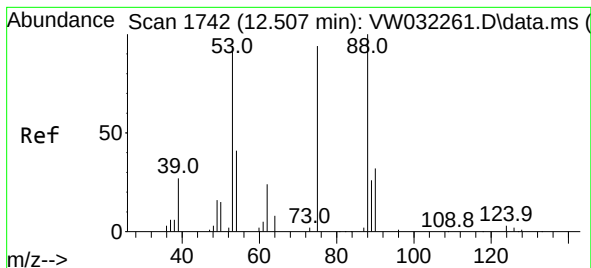
Tgt Ion: 91 Resp: 530618
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.674 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032296.D
Acq: 29 Sep 2025 15:00

Tgt Ion:105 Resp: 593955
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.890 ug/l

RT: 12.507 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

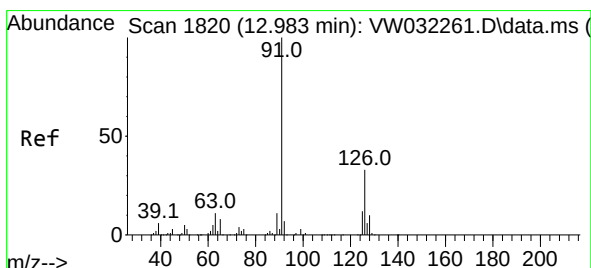
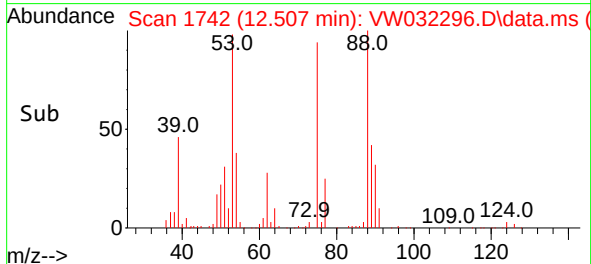
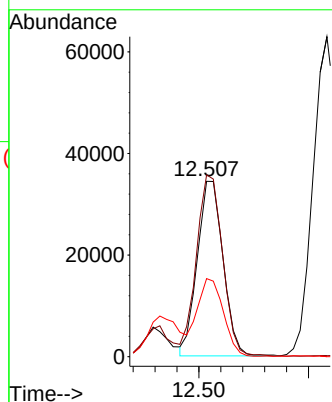
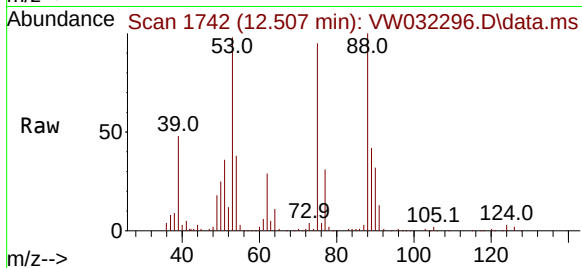
Tgt Ion: 75 Resp: 56223

Ion Ratio Lower Upper

75 100

53 105.5 81.4 122.2

89 45.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 51.554 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VW032296.D

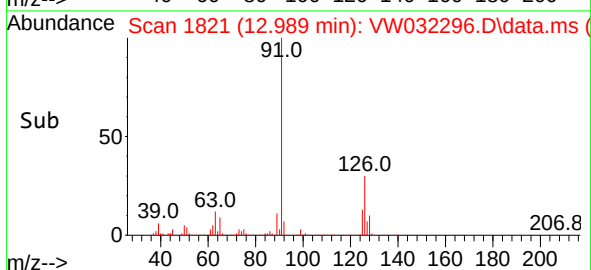
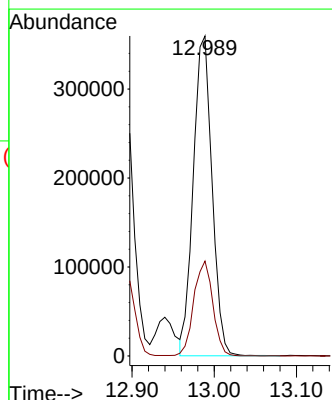
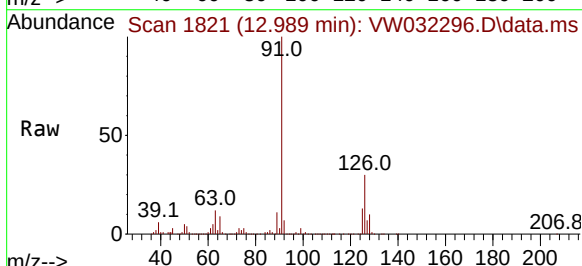
Acq: 29 Sep 2025 15:00

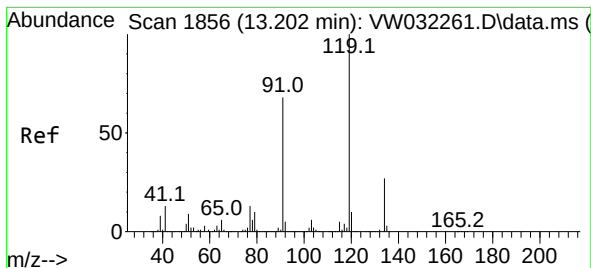
Tgt Ion: 91 Resp: 568375

Ion Ratio Lower Upper

91 100

126 30.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.451 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

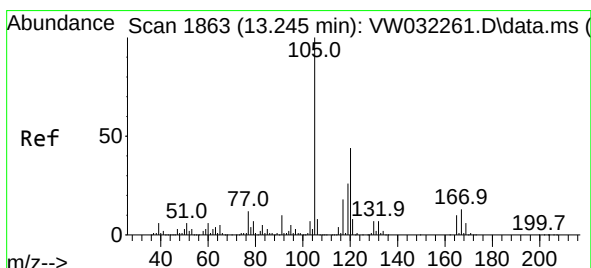
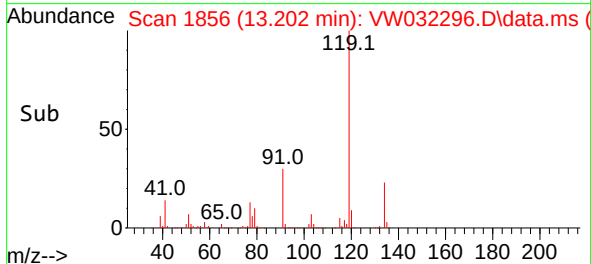
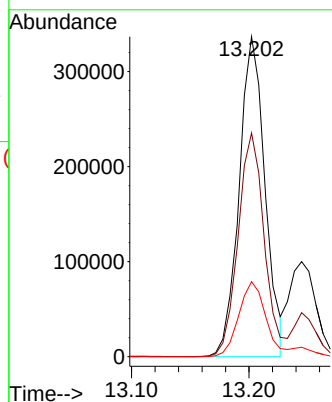
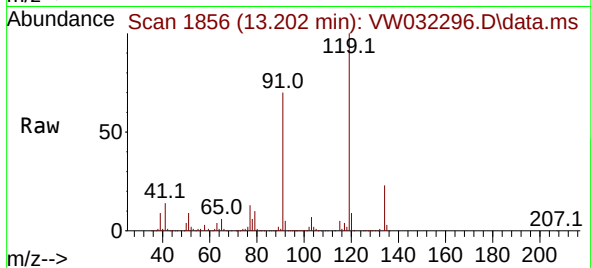
Tgt Ion:119 Resp: 514158

Ion Ratio Lower Upper

119 100

91 71.2 35.5 106.5

134 24.6 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 51.209 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032296.D

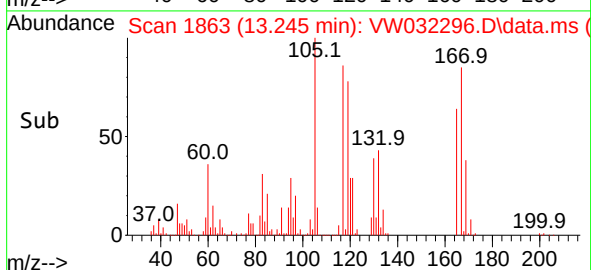
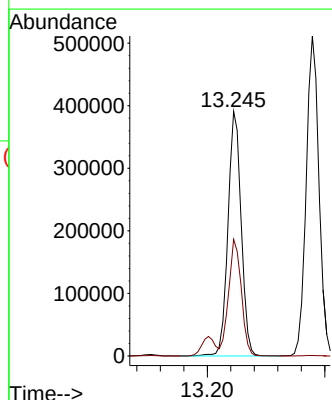
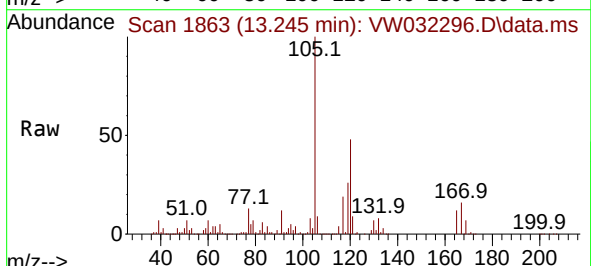
Acq: 29 Sep 2025 15:00

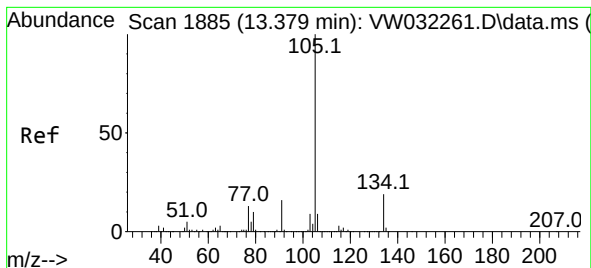
Tgt Ion:105 Resp: 609419

Ion Ratio Lower Upper

105 100

120 45.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.344 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

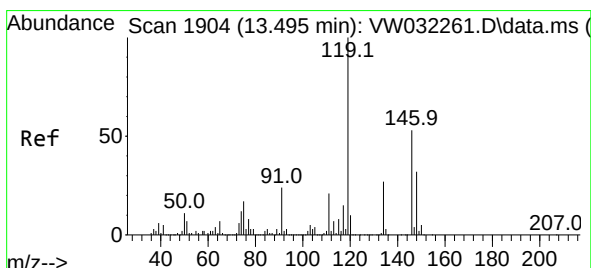
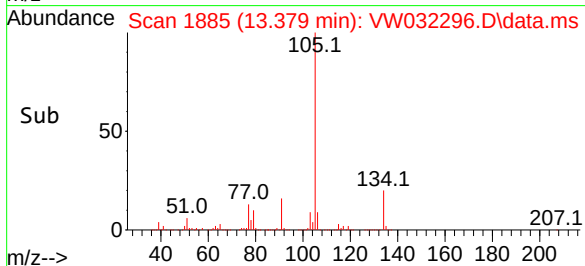
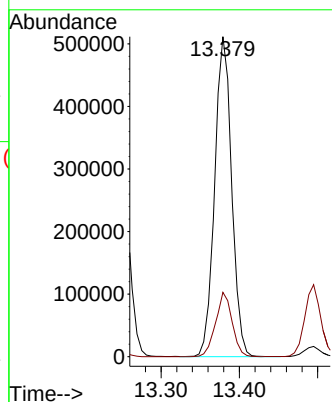
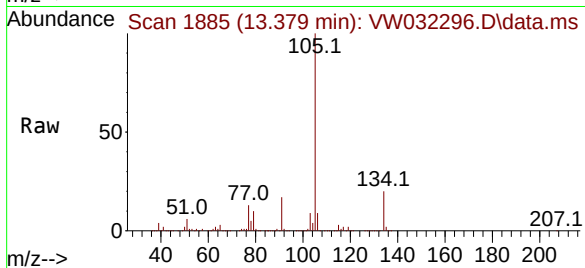
ClientSampleId :

Tgt Ion:105 Resp: 770512

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 53.652 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

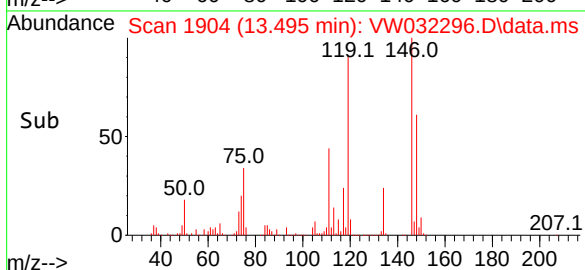
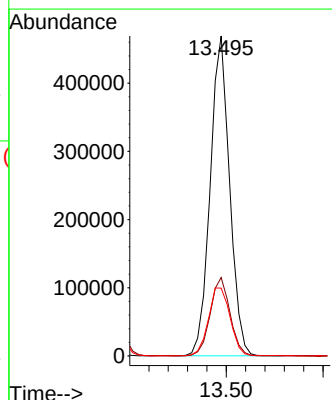
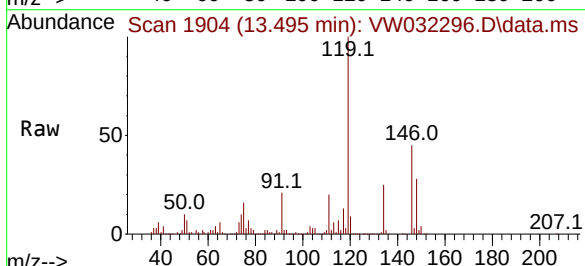
Tgt Ion:119 Resp: 654074

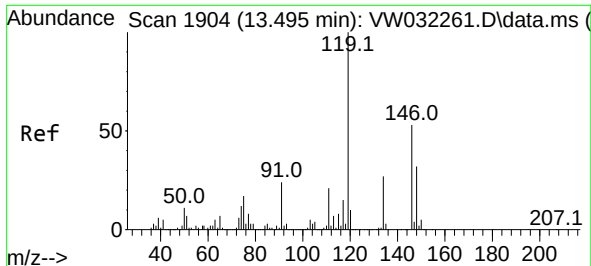
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

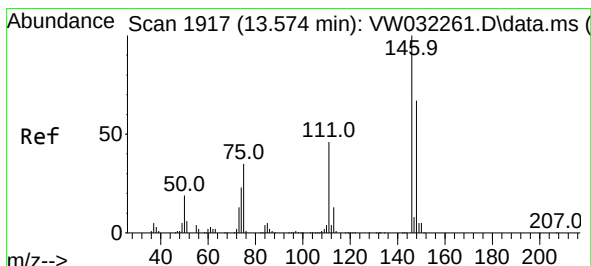
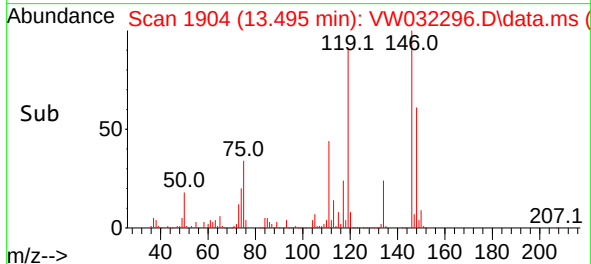
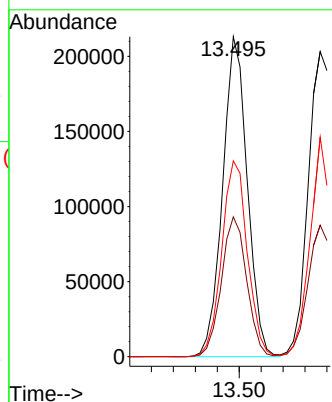
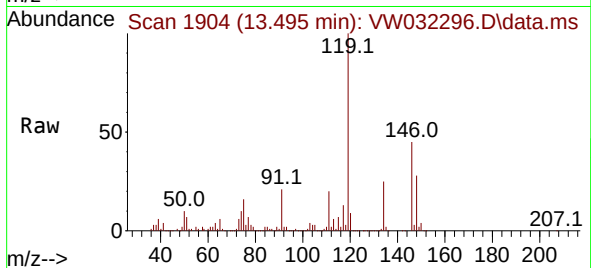
Tgt Ion:146 Resp: 333570

Ion Ratio Lower Upper

146 100

111 44.7 21.9 65.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.075 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

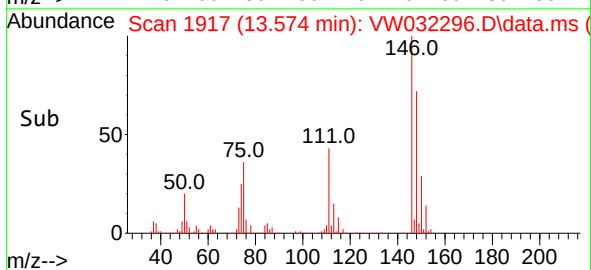
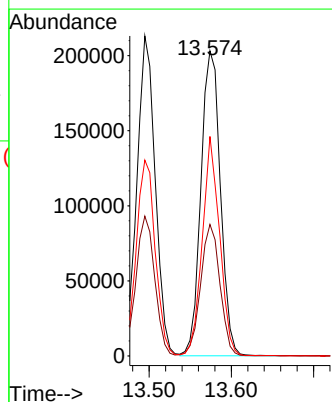
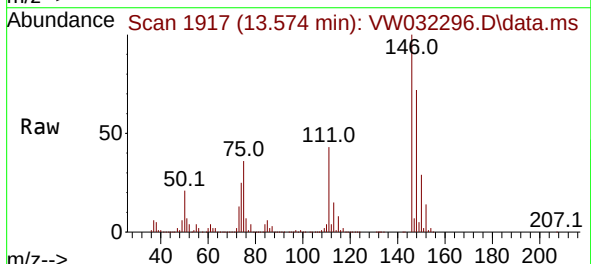
Tgt Ion:146 Resp: 334395

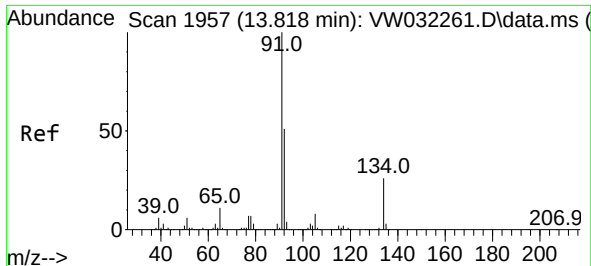
Ion Ratio Lower Upper

146 100

111 42.8 22.4 67.2

148 64.1 34.4 103.1





#89

n-Butylbenzene

Concen: 51.454 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

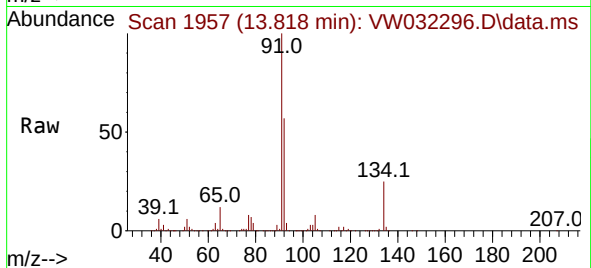
Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :



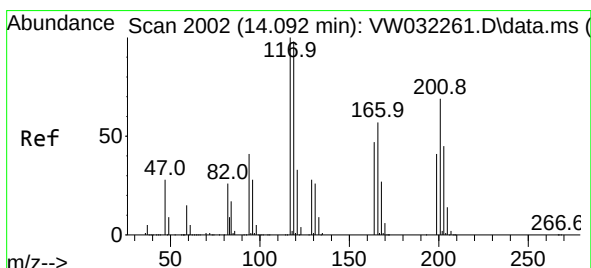
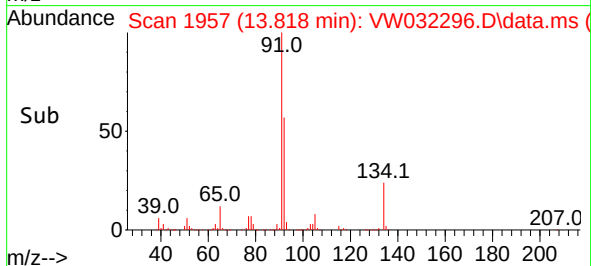
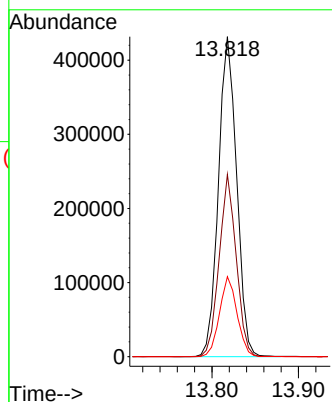
Tgt Ion: 91 Resp: 629517

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 50.786 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VW032296.D

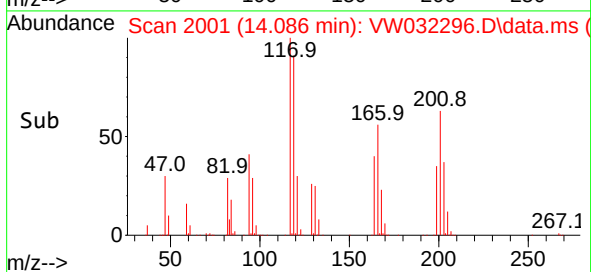
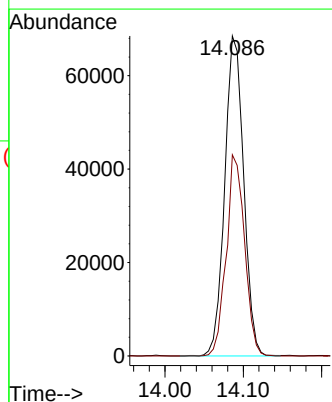
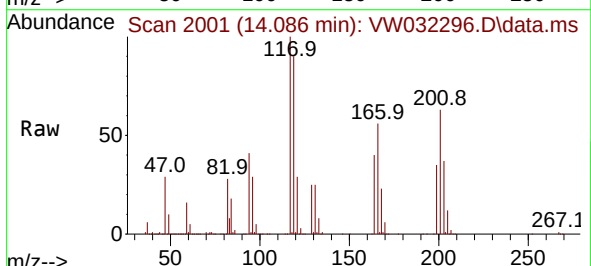
Acq: 29 Sep 2025 15:00

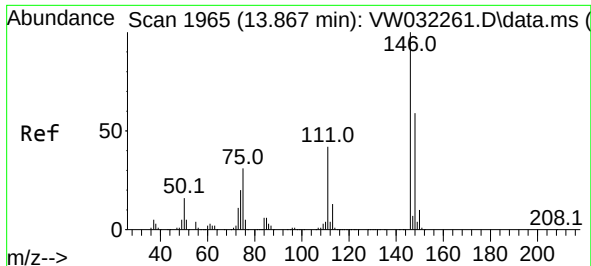
Tgt Ion: 117 Resp: 115395

Ion Ratio Lower Upper

117 100

201 60.7 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 49.820 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

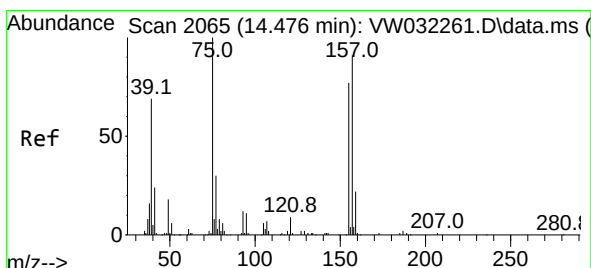
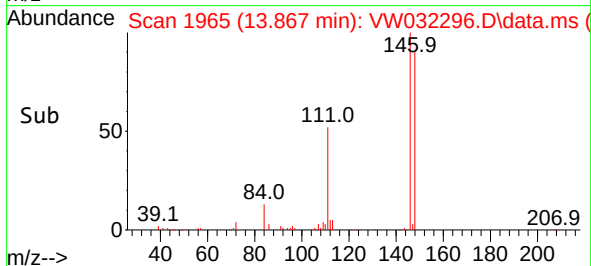
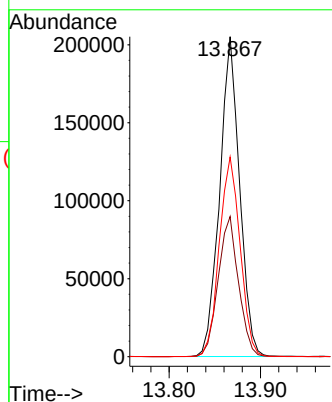
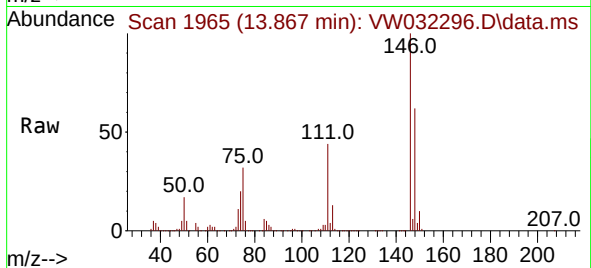
Tgt Ion:146 Resp: 310856

Ion Ratio Lower Upper

146 100

111 45.0 21.9 65.8

148 65.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.404 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

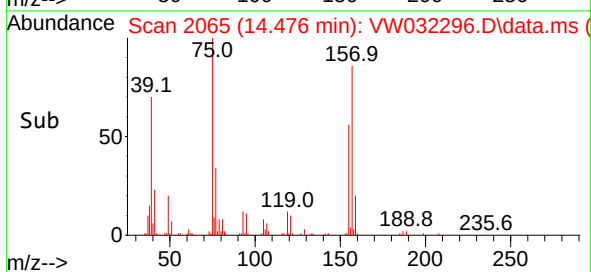
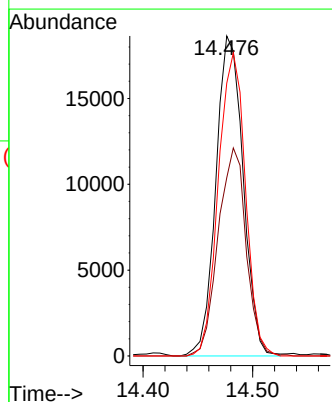
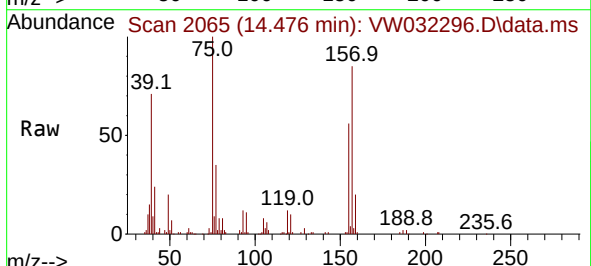
Tgt Ion: 75 Resp: 32219

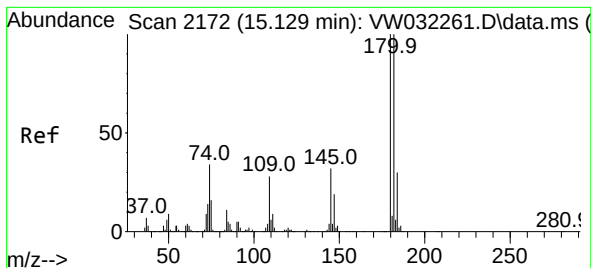
Ion Ratio Lower Upper

75 100

155 66.6 38.2 114.6

157 93.9 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 52.587 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

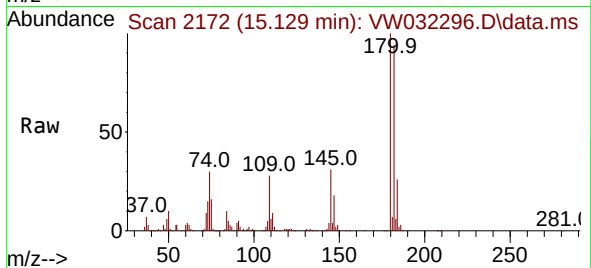
Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :



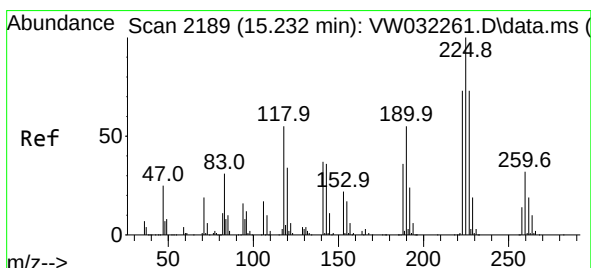
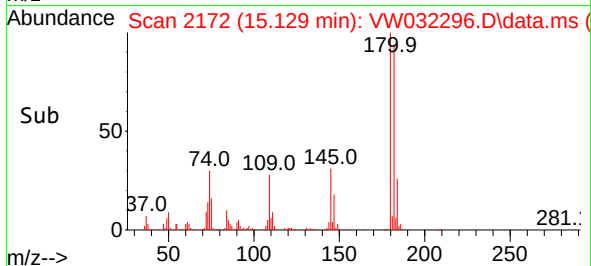
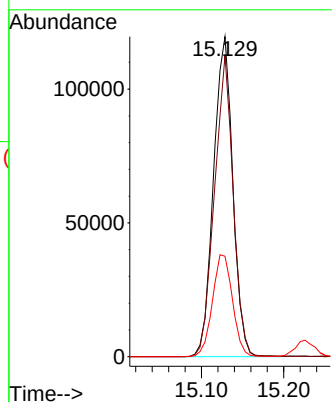
Tgt Ion:180 Resp: 194660

Ion Ratio Lower Upper

180 100

182 91.6 48.4 145.3

145 33.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 51.240 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

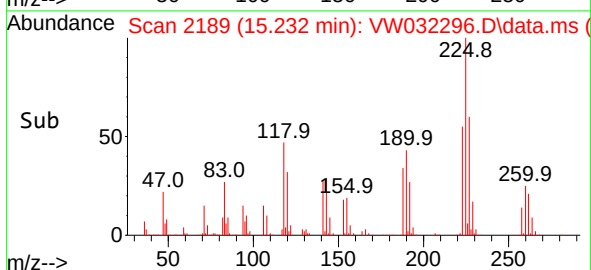
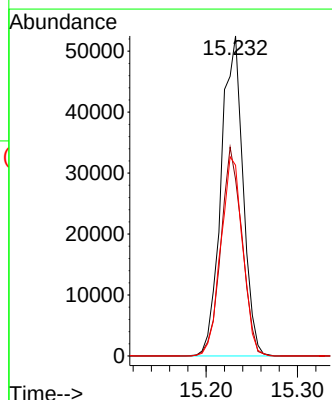
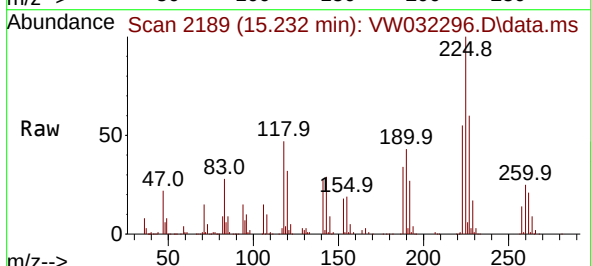
Tgt Ion:225 Resp: 87110

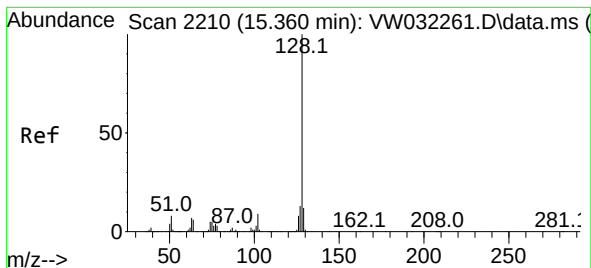
Ion Ratio Lower Upper

225 100

223 63.3 36.4 109.2

227 62.4 36.4 109.2





#95

Naphthalene

Concen: 52.921 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Instrument :

MSVOA_W

ClientSampleId :

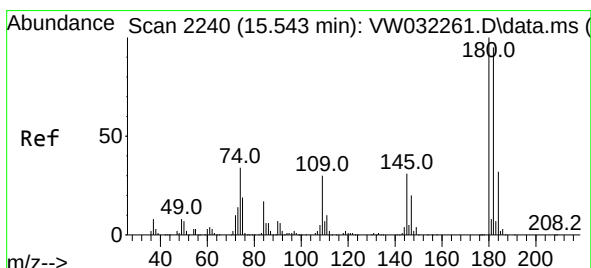
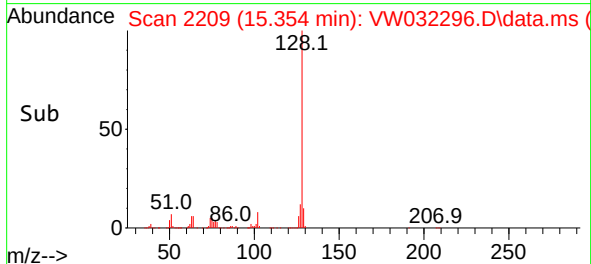
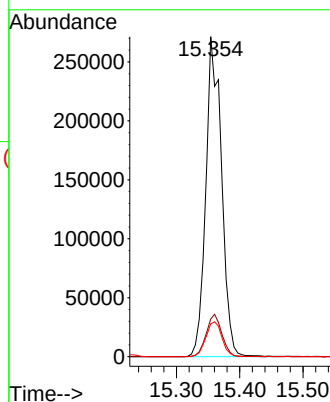
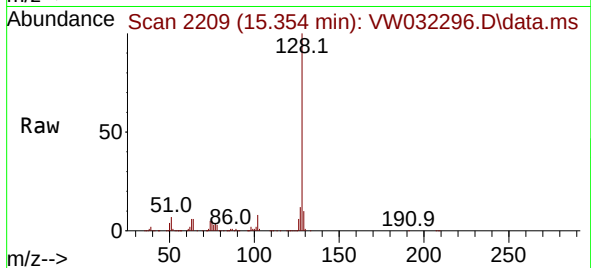
Tgt Ion:128 Resp: 470168

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.2 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 51.691 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032296.D

Acq: 29 Sep 2025 15:00

Tgt Ion:180 Resp: 177918

Ion Ratio Lower Upper

180 100

182 93.9 45.5 136.4

145 36.8 18.1 54.1

