

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091725\
 Data File : VW032182.D
 Acq On : 17 Sep 2025 12:03
 Operator : SY/MD
 Sample : VW0917SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 04:31:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	199749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	340394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	321402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	164787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151509	53.037	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 106.080%		
35) Dibromofluoromethane	7.898	113	121396	50.832	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 101.660%		
50) Toluene-d8	10.325	98	431424	51.460	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 102.920%		
62) 4-Bromofluorobenzene	12.617	95	159093	51.318	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 102.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	31137	23.610	ug/l	100
3) Chloromethane	2.253	50	35272	25.509	ug/l	98
4) Vinyl Chloride	2.399	62	46250	25.752	ug/l	99
5) Bromomethane	2.820	94	39419	24.579	ug/l	99
6) Chloroethane	2.966	64	31798	25.141	ug/l	97
7) Trichlorofluoromethane	3.301	101	37076	20.835	ug/l	98
8) Diethyl Ether	3.716	74	33369	25.128	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	49158	24.523	ug/l	97
10) Methyl Iodide	4.307	142	59937	19.637	ug/l	96
11) Tert butyl alcohol	5.216	59	17730	101.468	ug/l	98
12) 1,1-Dichloroethene	4.076	96	51197	24.251	ug/l	94
13) Acrolein	3.929	56	20141	74.986	ug/l	90
14) Allyl chloride	4.704	41	60406	20.144	ug/l	91
15) Acrylonitrile	5.405	53	70177	108.696	ug/l	98
16) Acetone	4.155	43	113213	182.993	ug/l	95
17) Carbon Disulfide	4.417	76	109640	20.765	ug/l	99
18) Methyl Acetate	4.710	43	40010	20.297	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	84832	21.280	ug/l	100
20) Methylene Chloride	4.954	84	62702	22.250	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	47851	20.290	ug/l	97
22) Diisopropyl ether	6.337	45	141973	21.753	ug/l	94
23) Vinyl Acetate	6.283	43	493311	111.173	ug/l	99
24) 1,1-Dichloroethane	6.240	63	90934	21.283	ug/l	99
25) 2-Butanone	7.191	43	111608	127.308	ug/l	97
26) 2,2-Dichloropropane	7.185	77	51562	22.788	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	59384	20.693	ug/l	98
28) Bromochloromethane	7.532	49	43332	22.154	ug/l	88
29) Tetrahydrofuran	7.551	42	60941	109.390	ug/l	98
30) Chloroform	7.691	83	104099	21.339	ug/l	99
31) Cyclohexane	7.965	56	74034	21.111	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	75802	21.286	ug/l	98
36) 1,1-Dichloropropene	8.093	75	66298	21.411	ug/l	99
37) Ethyl Acetate	7.270	43	43081	23.193	ug/l	99
38) Carbon Tetrachloride	8.081	117	70762	21.317	ug/l	95
39) Methylcyclohexane	9.343	83	75819	20.673	ug/l	97
40) Benzene	8.337	78	201186	21.019	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	22244	21.554	ug/l	95
42) 1,2-Dichloroethane	8.410	62	73607	22.183	ug/l	99
43) Isopropyl Acetate	8.435	43	75511	21.669	ug/l	98
44) Trichloroethene	9.099	130	48414	20.113	ug/l	97
45) 1,2-Dichloropropane	9.373	63	50199	21.756	ug/l	99
46) Dibromomethane	9.465	93	34551	21.349	ug/l	97
47) Bromodichloromethane	9.648	83	77830	21.163	ug/l	95
48) Methyl methacrylate	9.441	41	33749	21.015	ug/l	99
49) 1,4-Dioxane	9.465	88	7742	395.939	ug/l #	72
51) 4-Methyl-2-Pentanone	10.215	43	224656	114.173	ug/l	97
52) Toluene	10.392	92	128995	20.623	ug/l	95
53) t-1,3-Dichloropropene	10.611	75	71358	21.995	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	79091	21.365	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	45191	21.474	ug/l	90
56) Ethyl methacrylate	10.648	69	56356	20.947	ug/l	98
57) 1,3-Dichloropropane	10.934	76	74893	21.254	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	147120	102.447	ug/l	100
59) 2-Hexanone	10.971	43	168102	122.839	ug/l	96
60) Dibromochloromethane	11.129	129	53674	21.078	ug/l	97
61) 1,2-Dibromoethane	11.233	107	43147	20.849	ug/l	99
64) Tetrachloroethene	10.861	164	42814	20.240	ug/l	94
65) Chlorobenzene	11.660	112	148205	20.259	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	48497	20.136	ug/l	99
67) Ethyl Benzene	11.733	91	248126	20.701	ug/l	96
68) m/p-Xylenes	11.836	106	182739	39.614	ug/l	94
69) o-Xylene	12.166	106	86431	19.808	ug/l	98
70) Styrene	12.178	104	156142	20.300	ug/l	99
71) Bromoform	12.349	173	29385	20.542	ug/l #	99
73) Isopropylbenzene	12.464	105	219284	19.588	ug/l	97
74) N-amyl acetate	12.269	43	69558	21.401	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	56536	21.250	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	71121	34.450	ug/l	37
77) Bromobenzene	12.745	156	57830	20.257	ug/l	96
78) n-propylbenzene	12.800	91	284978	20.967	ug/l	99
79) 2-Chlorotoluene	12.891	91	171606	20.647	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	193289	20.393	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	16274	21.225	ug/l	94
82) 4-Chlorotoluene	12.989	91	182320	20.493	ug/l	98
83) tert-Butylbenzene	13.202	119	162725	20.248	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	198363	20.228	ug/l	98
85) sec-Butylbenzene	13.379	105	247124	20.595	ug/l	98
86) p-Isopropyltoluene	13.495	119	210194	20.599	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	115501	20.094	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	116558	20.230	ug/l	98
89) n-Butylbenzene	13.818	91	198034	20.356	ug/l	97
90) Hexachloroethane	14.086	117	38062	20.392	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	107681	21.159	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10035	21.350	ug/l	92
93) 1,2,4-Trichlorobenzene	15.129	180	65581	20.169	ug/l	96
94) Hexachlorobutadiene	15.226	225	29279	18.156	ug/l	94
95) Naphthalene	15.360	128	143190	19.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	58260	19.266	ug/l	96

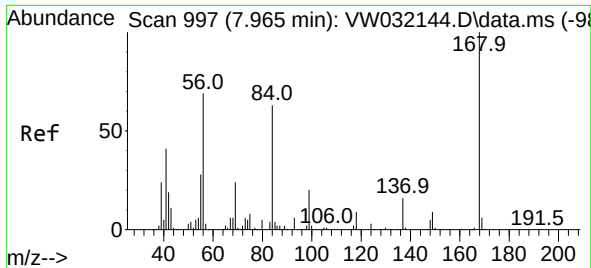
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Response via : Initial Calibration

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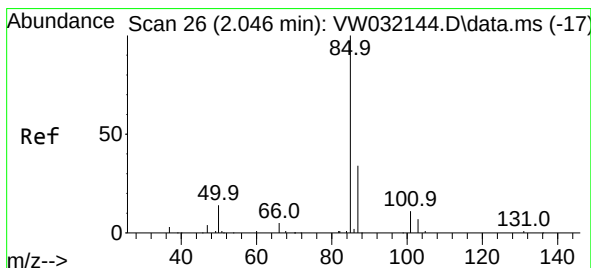
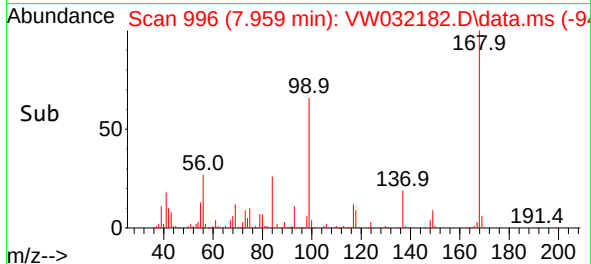
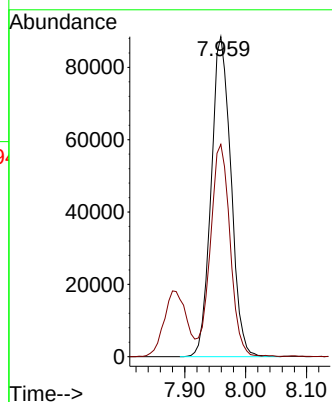
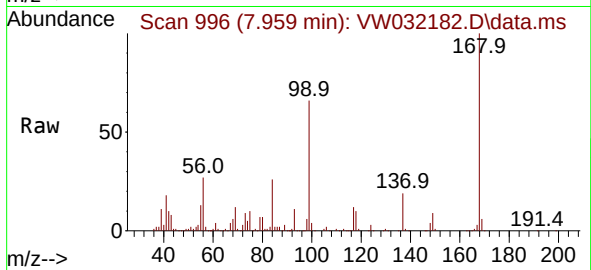
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

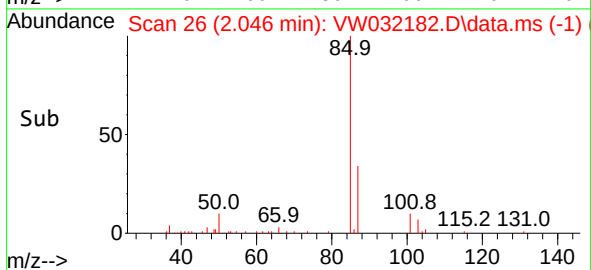
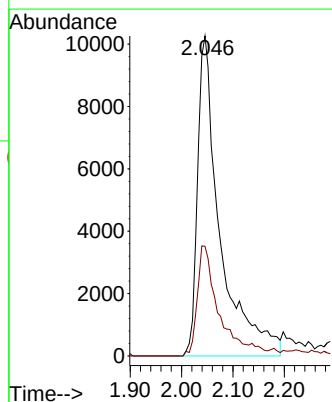
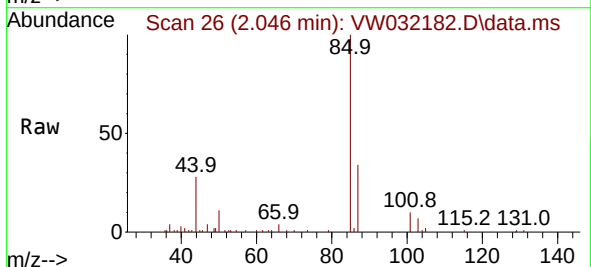
Instrument :
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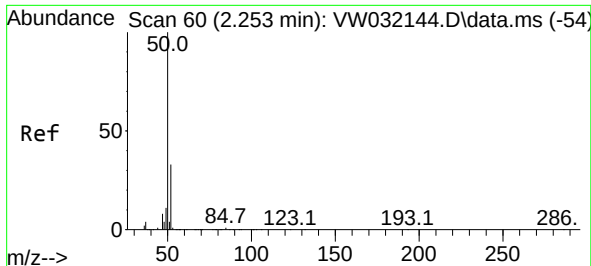
Tgt Ion:168 Resp: 199749
Ion Ratio Lower Upper
168 100
99 66.2 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 23.610 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 85 Resp: 31137
Ion Ratio Lower Upper
85 100
87 34.3 17.2 51.6

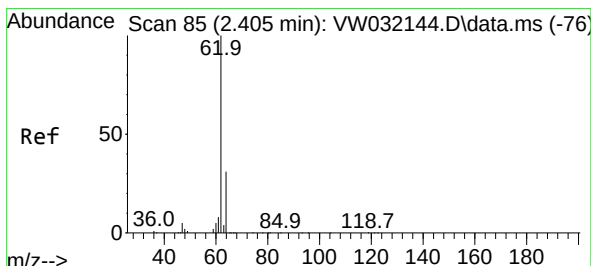
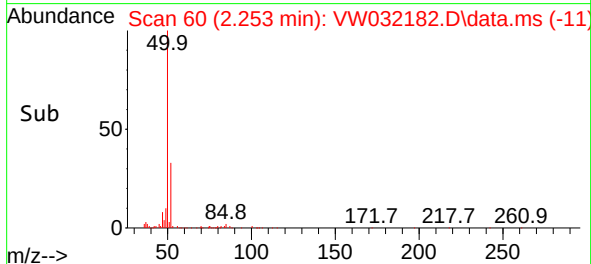
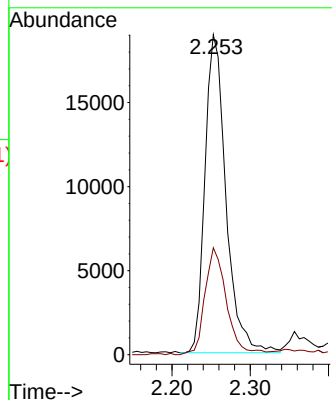
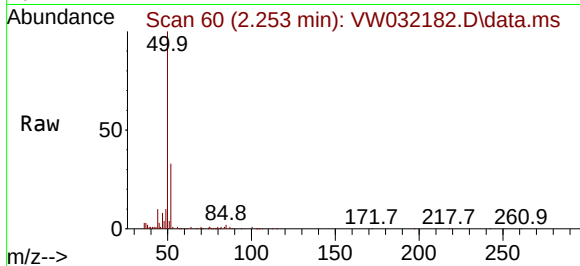




#3
Chloromethane
Concen: 25.509 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

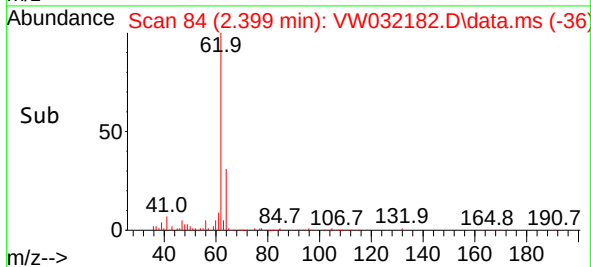
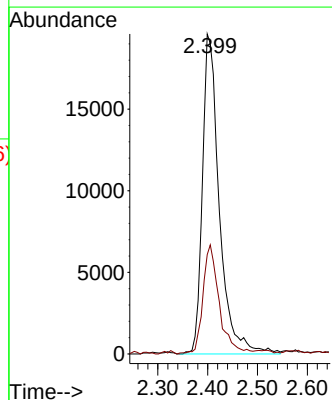
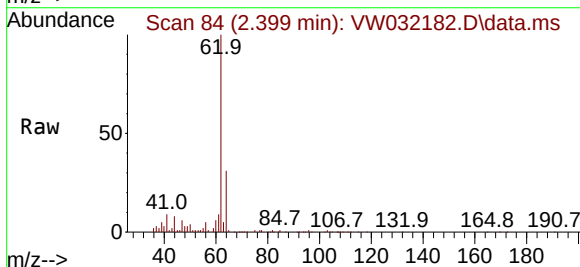
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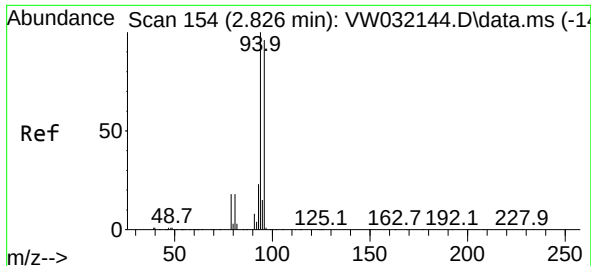
Tgt Ion: 50 Resp: 35272
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1



#4
Vinyl Chloride
Concen: 25.752 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 62 Resp: 46250
Ion Ratio Lower Upper
62 100
64 30.7 24.8 37.2

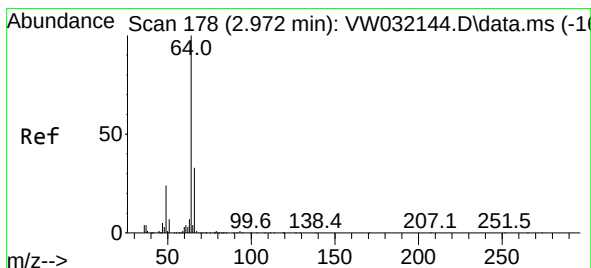
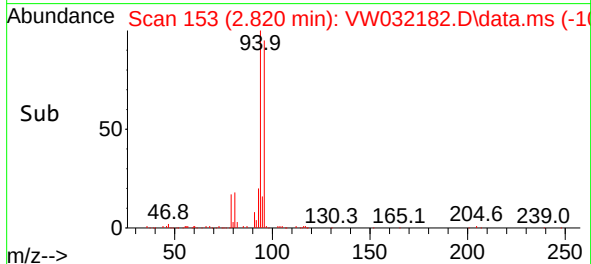
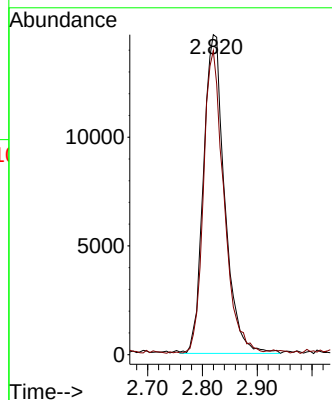
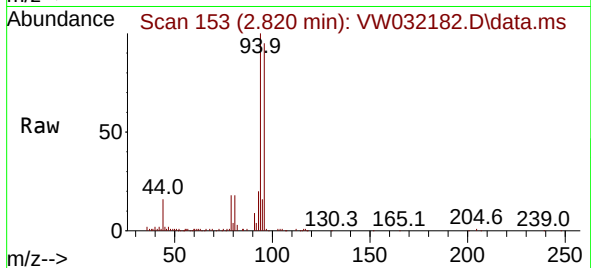




#5
Bromomethane
Concen: 24.579 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

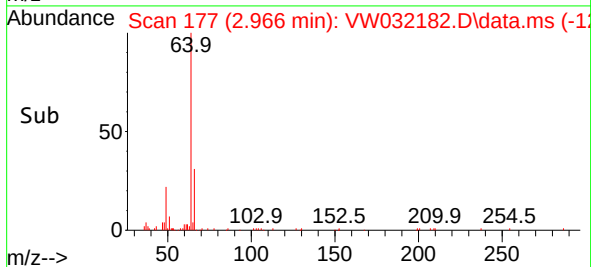
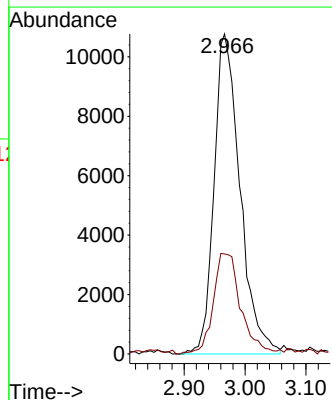
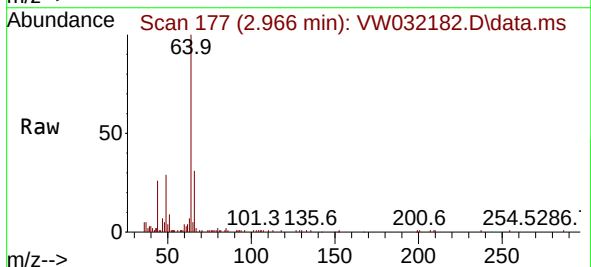
Instrument :
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ClientSampleId :

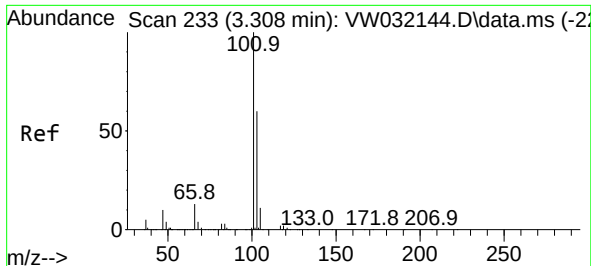
Tgt Ion: 94 Resp: 39419
Ion Ratio Lower Upper
94 100
96 94.8 76.6 115.0



#6
Chloroethane
Concen: 25.141 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 64 Resp: 31798
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

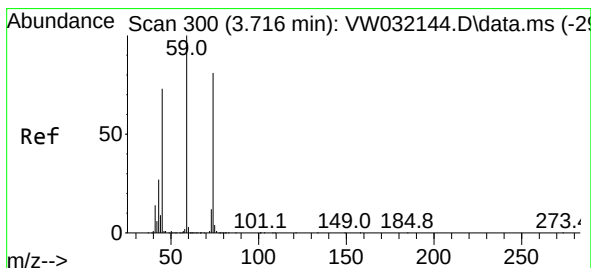
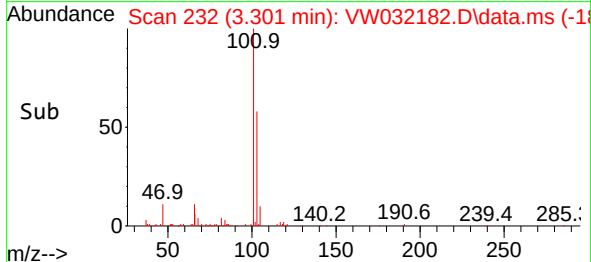
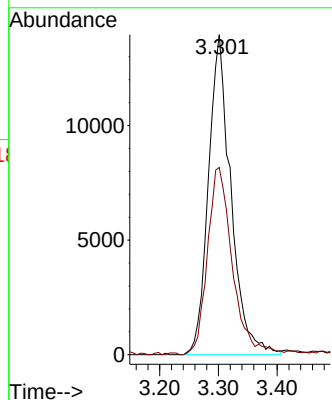
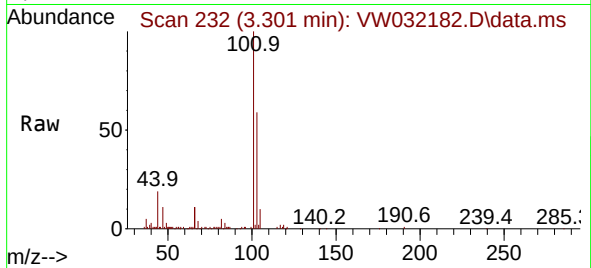




#7
 Trichlorofluoromethane
 Concen: 20.835 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032182.D
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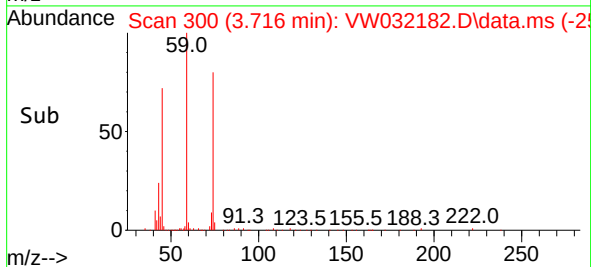
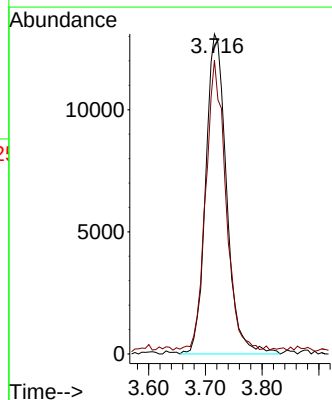
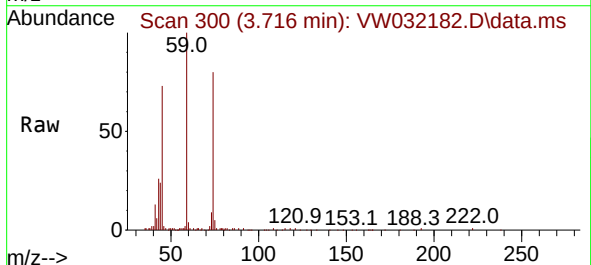
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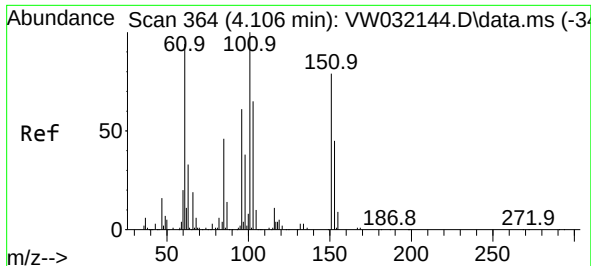
Tgt Ion:101 Resp: 37076
 Ion Ratio Lower Upper
 101 100
 103 58.5 47.8 71.8



#8
 Diethyl Ether
 Concen: 25.128 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

Tgt Ion: 74 Resp: 33369
 Ion Ratio Lower Upper
 74 100
 45 86.2 43.1 129.4

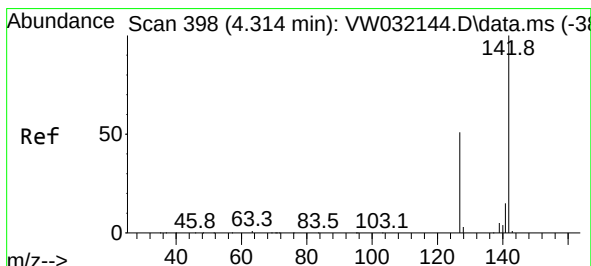
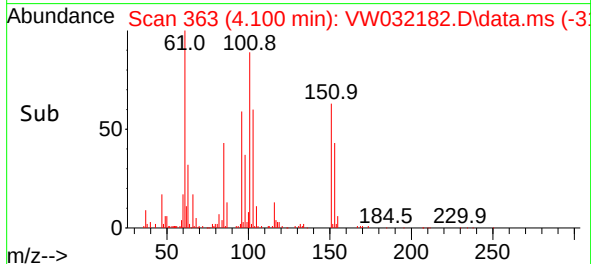
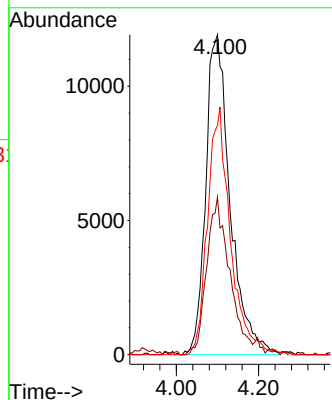
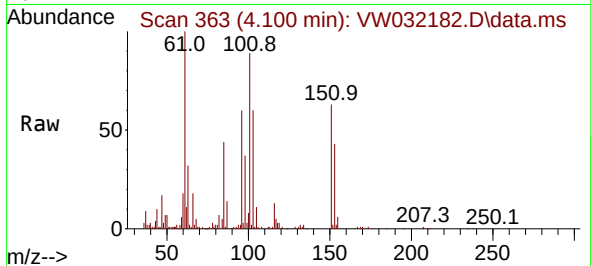




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.523 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032182.D
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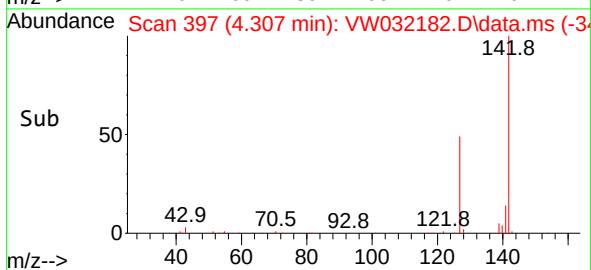
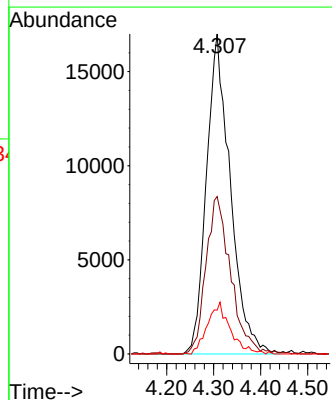
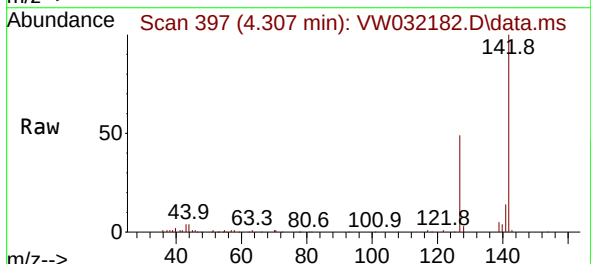
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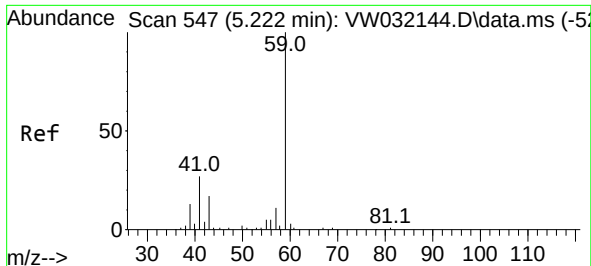
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Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 72.6 61.5 92.3



#10
Methyl Iodide
Concen: 19.637 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion:142 Resp: 59937
Ion Ratio Lower Upper
142 100
127 51.1 38.2 57.2
141 15.4 12.2 18.2

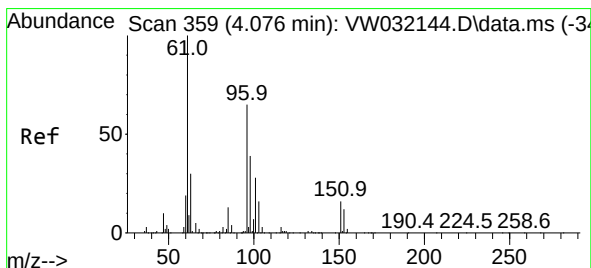
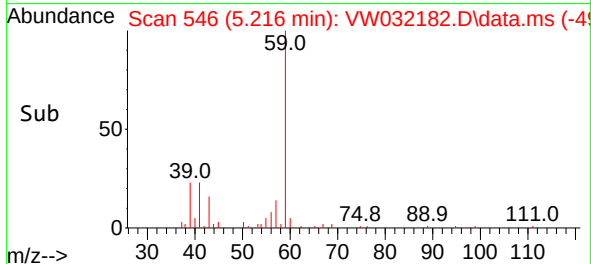
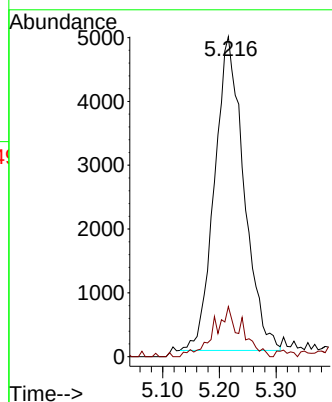
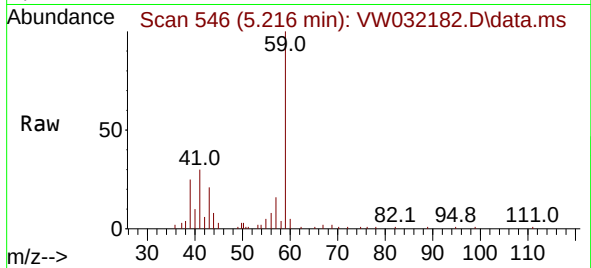




#11
Tert butyl alcohol
Concen: 101.468 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

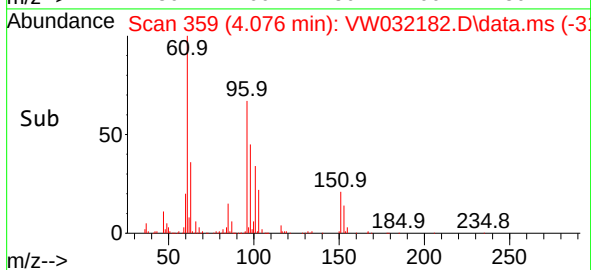
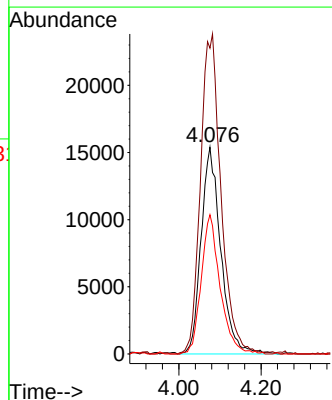
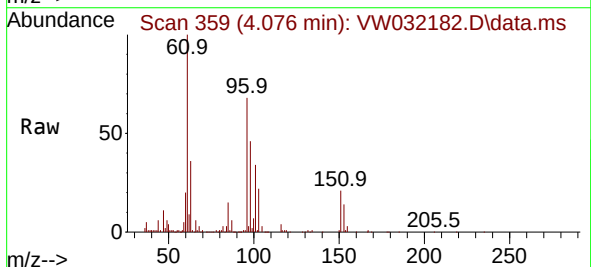
Instrument :
MSVOA_W
ClientSampleId :

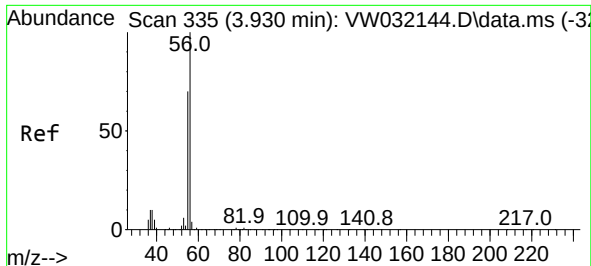
Tgt Ion: 59 Resp: 17730
Ion Ratio Lower Upper
59 100
57 11.3 9.8 14.6



#12
1,1-Dichloroethene
Concen: 24.251 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

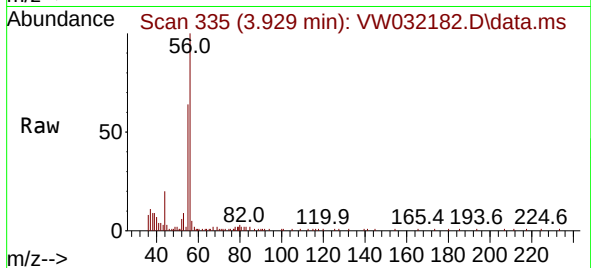
Tgt Ion: 96 Resp: 51197
Ion Ratio Lower Upper
96 100
61 147.3 123.0 184.4
98 67.4 48.5 72.7



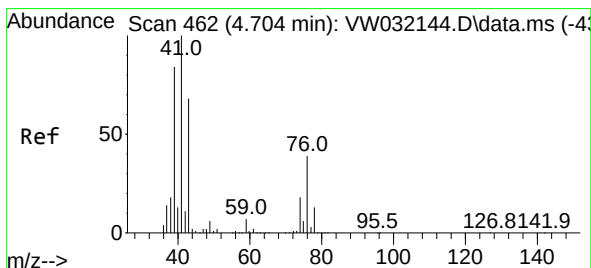
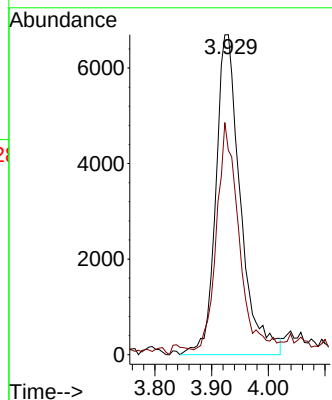
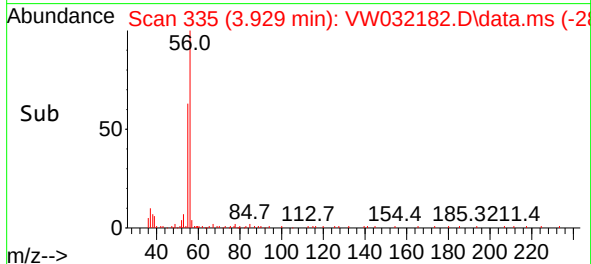


#13
Acrolein
Concen: 74.986 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :

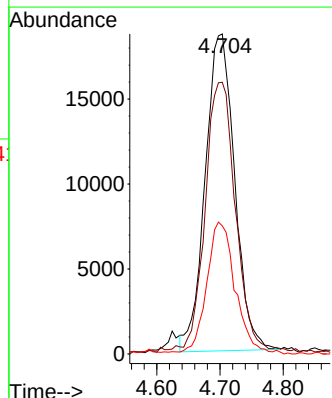
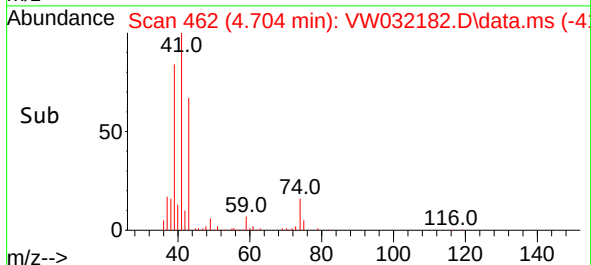
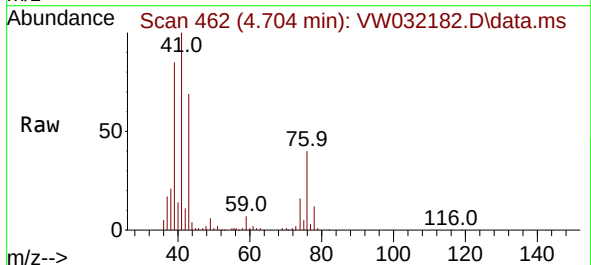


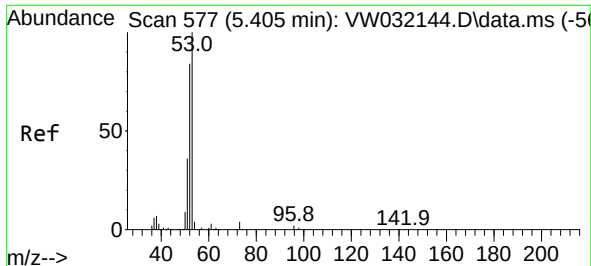
Tgt Ion: 56 Resp: 20141
Ion Ratio Lower Upper
56 100
55 62.6 56.4 84.6



#14
Allyl chloride
Concen: 20.144 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 41 Resp: 60406
Ion Ratio Lower Upper
41 100
39 90.6 64.1 96.1
76 40.3 31.4 47.2

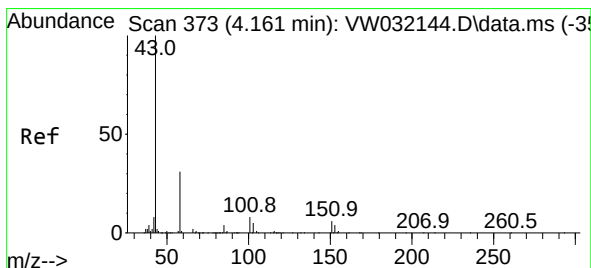
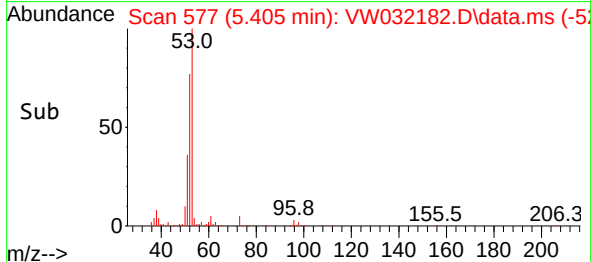
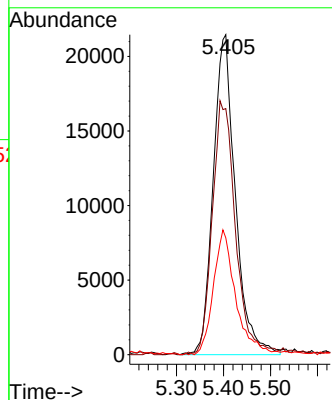
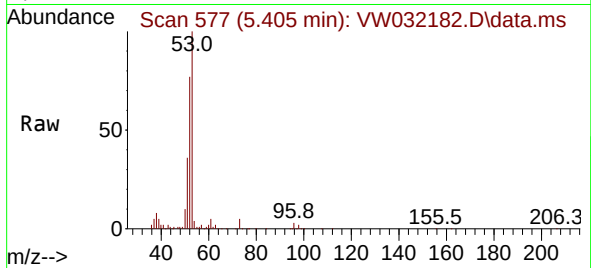




#15
Acrylonitrile
Concen: 108.696 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

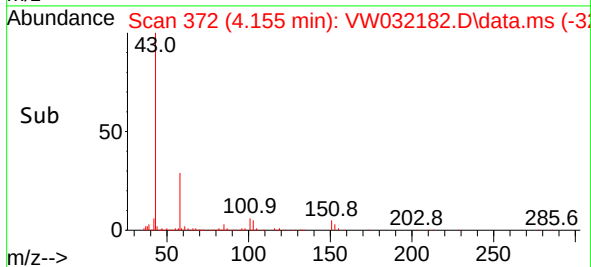
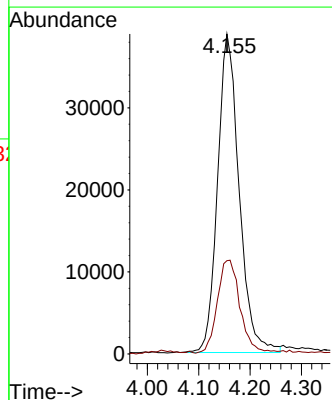
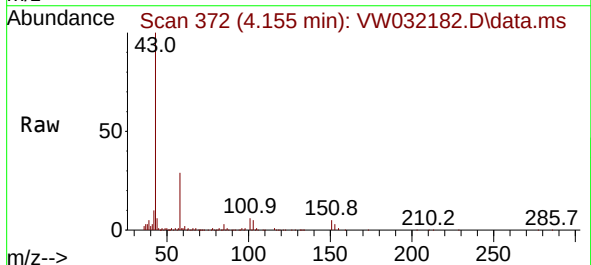
Instrument :
MSVOA_W
ClientSampleId :

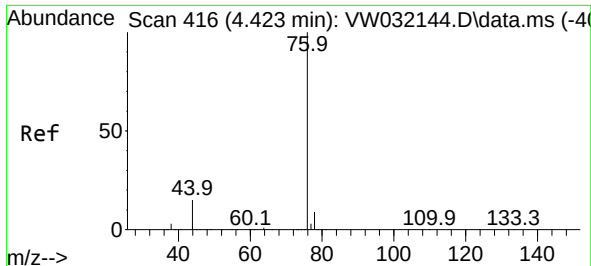
Tgt Ion: 53 Resp: 70177
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.2
51 39.4 30.3 45.5



#16
Acetone
Concen: 182.993 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 43 Resp: 113213
Ion Ratio Lower Upper
43 100
58 28.8 25.3 37.9

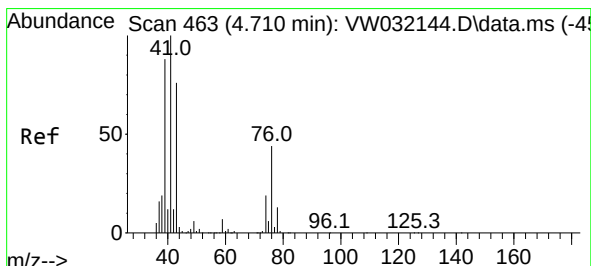
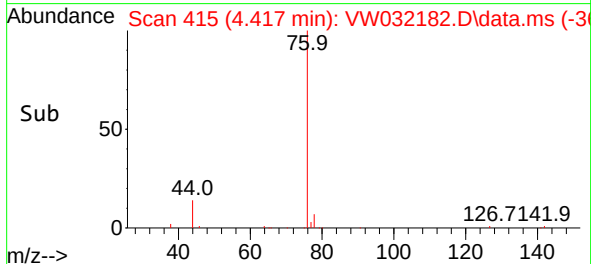
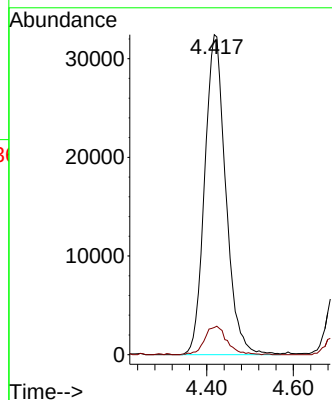
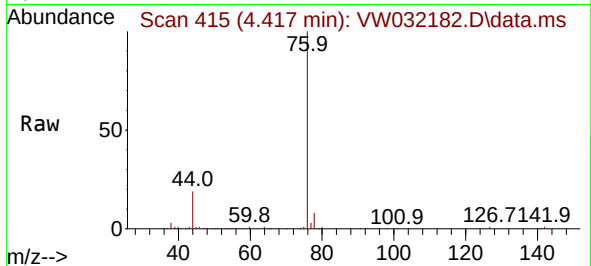




#17
Carbon Disulfide
Concen: 20.765 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

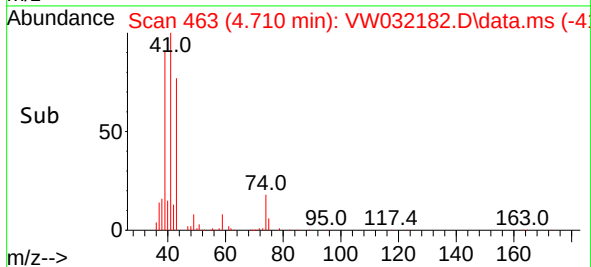
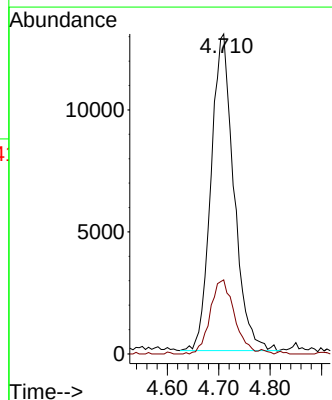
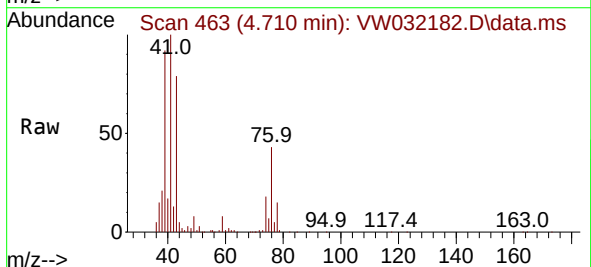
Instrument :
MSVOA_W
ClientSampleId :

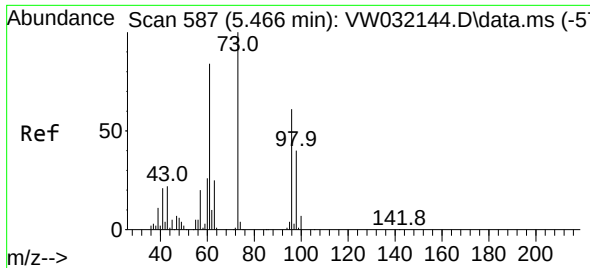
Tgt Ion: 76 Resp: 109640
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 20.297 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 43 Resp: 40010
Ion Ratio Lower Upper
43 100
74 24.7 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 21.280 ug/l

RT: 5.466 min Scan# 51

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

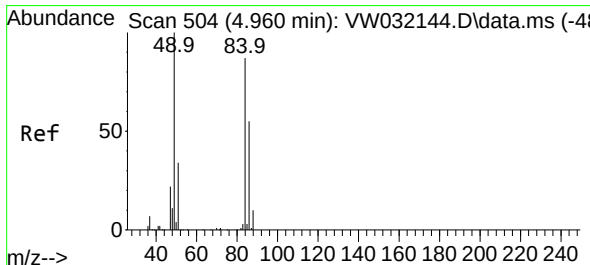
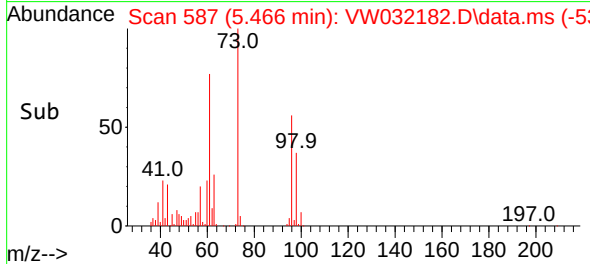
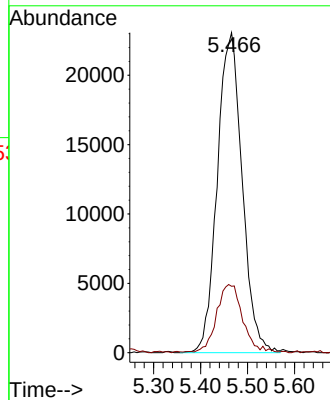
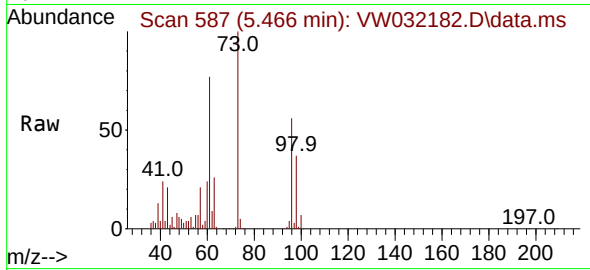
ClientSampleId :

Tgt Ion: 73 Resp: 84832

Ion Ratio Lower Upper

73 100

57 20.5 16.2 24.4



#20

Methylene Chloride

Concen: 22.250 ug/l

RT: 4.954 min Scan# 503

Delta R.T. -0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Tgt Ion: 84 Resp: 62702

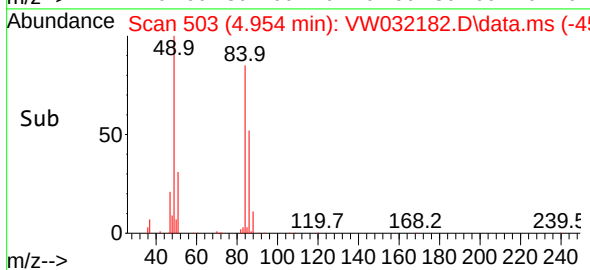
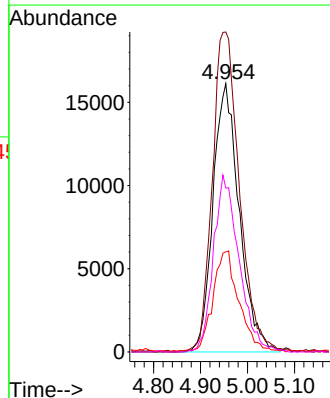
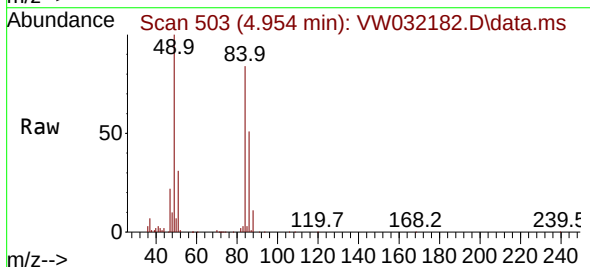
Ion Ratio Lower Upper

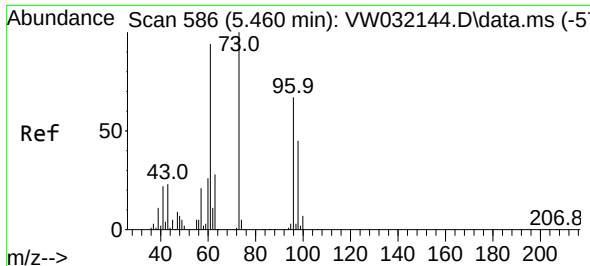
84 100

49 118.8 92.2 138.4

51 36.8 31.0 46.6

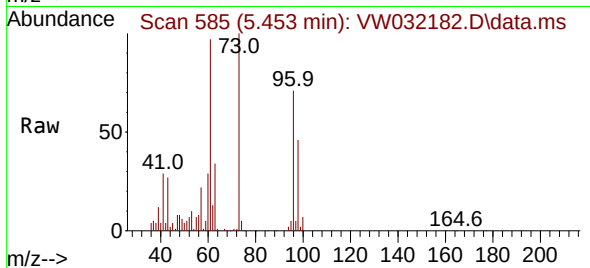
86 61.1 50.5 75.7



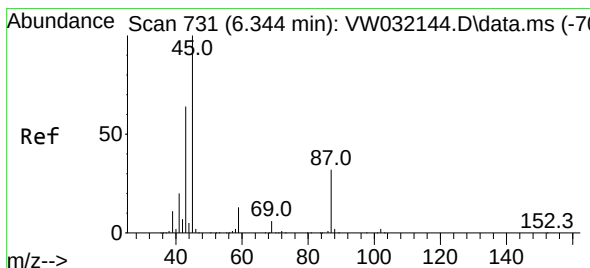
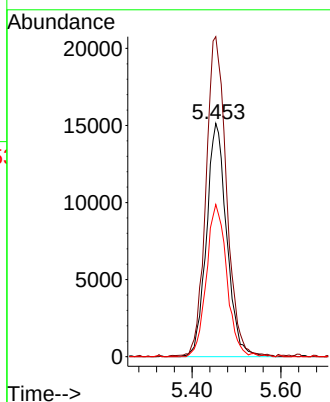
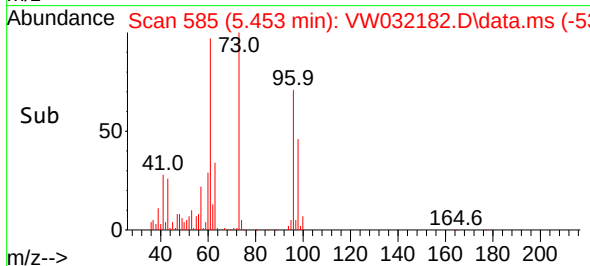


#21
trans-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 5.453 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :

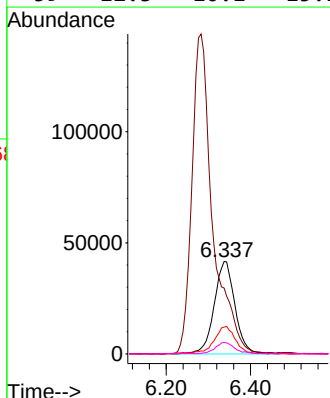
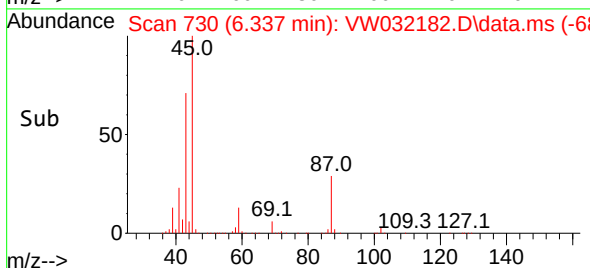
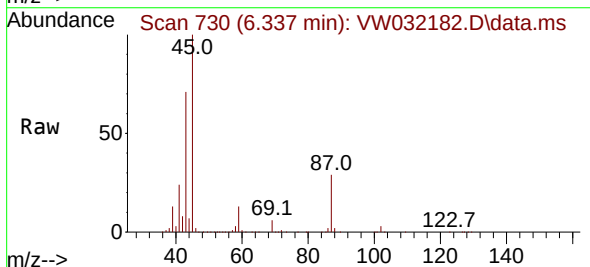


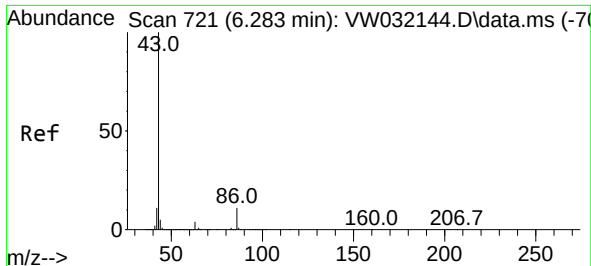
Tgt Ion: 96 Resp: 47851
Ion Ratio Lower Upper
96 100
61 136.7 112.5 168.7
98 65.2 54.2 81.4



#22
Diisopropyl ether
Concen: 21.753 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 45 Resp: 141973
Ion Ratio Lower Upper
45 100
43 69.7 51.4 77.2
87 28.9 25.9 38.9
59 12.3 10.1 15.1

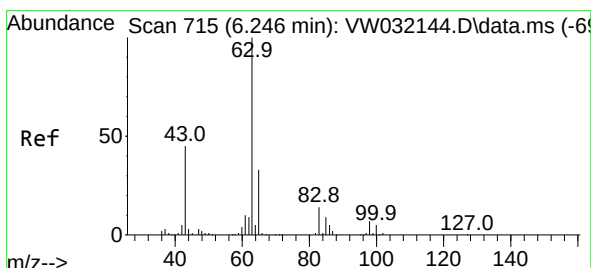
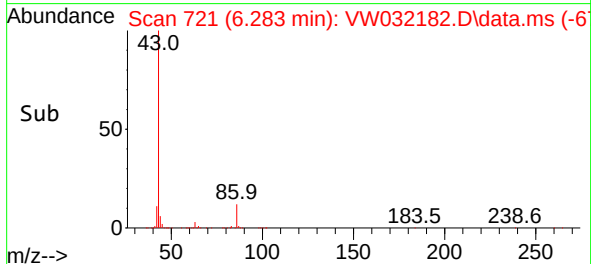
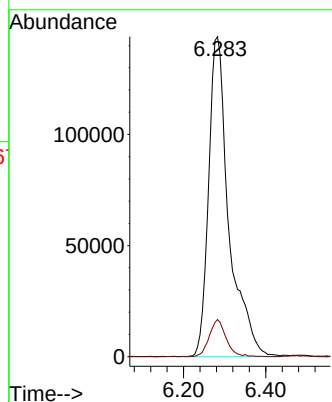
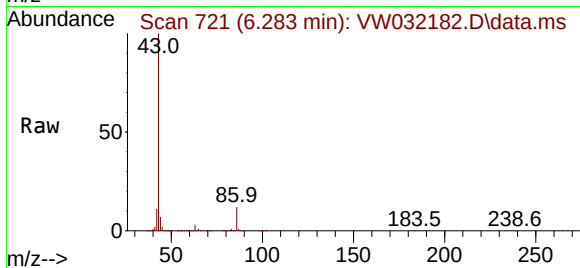




#23
 Vinyl Acetate
 Concen: 111.173 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

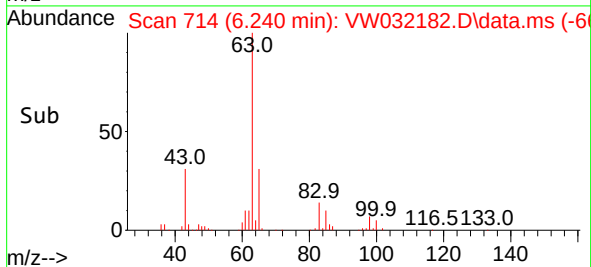
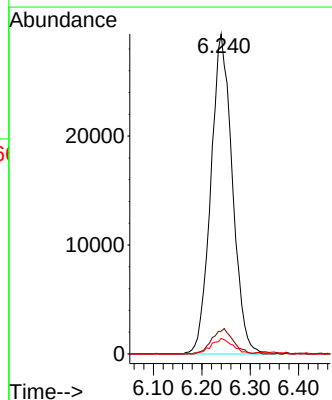
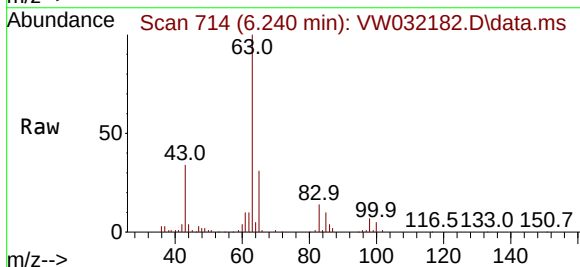
Instrument :
 MSVOA_W
 ClientSampleId :

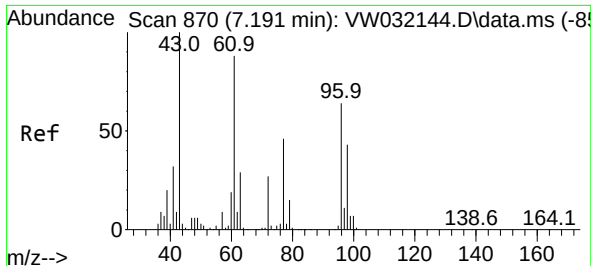
Tgt Ion: 43 Resp: 493311
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.283 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

Tgt Ion: 63 Resp: 90934
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.5 7.5

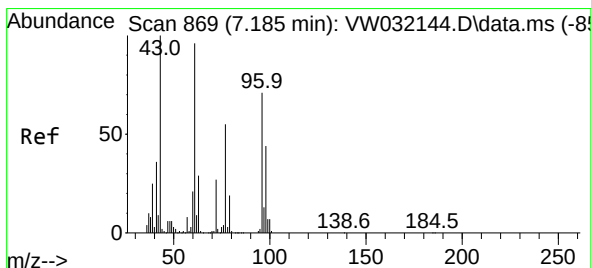
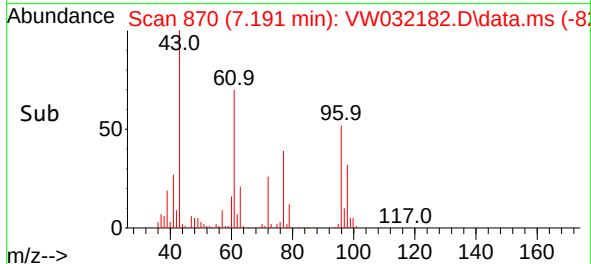
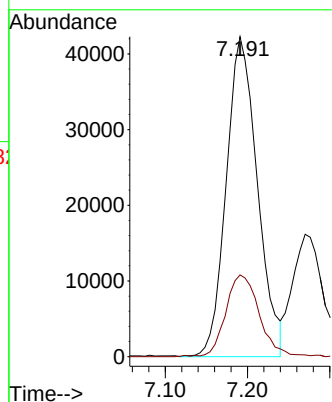
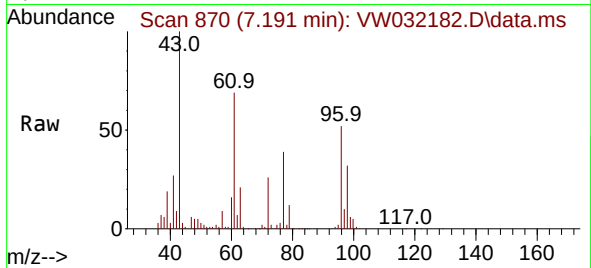




#25
2-Butanone
Concen: 127.308 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

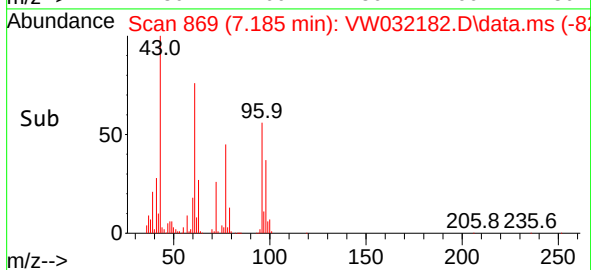
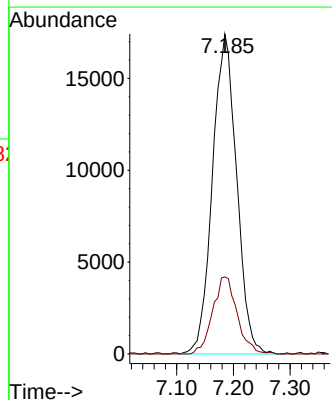
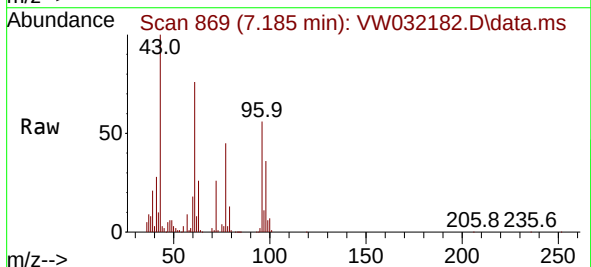
Instrument :
MSVOA_W
ClientSampleId :

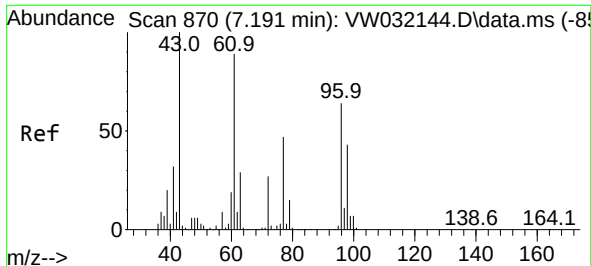
Tgt Ion: 43 Resp: 111608
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.788 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 77 Resp: 51562
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.693 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

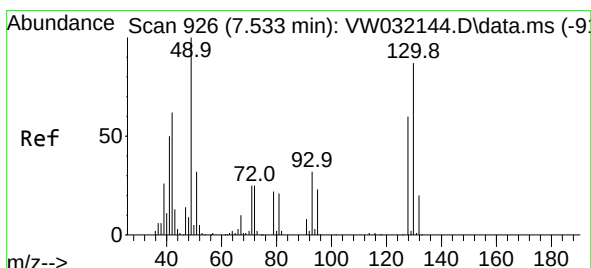
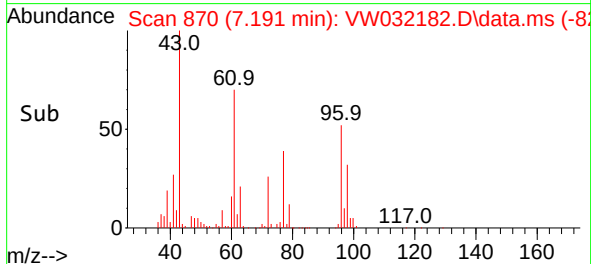
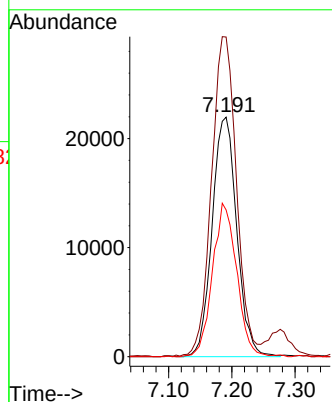
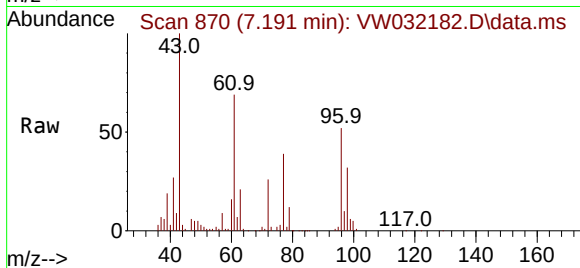
Tgt Ion: 96 Resp: 59384

Ion Ratio Lower Upper

96 100

61 136.0 0.0 268.0

98 62.8 0.0 130.8



#28

Bromochloromethane

Concen: 22.154 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

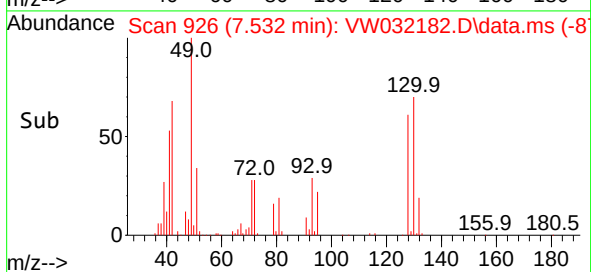
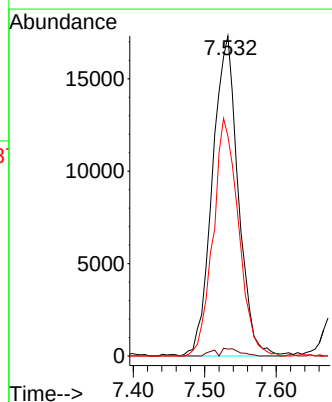
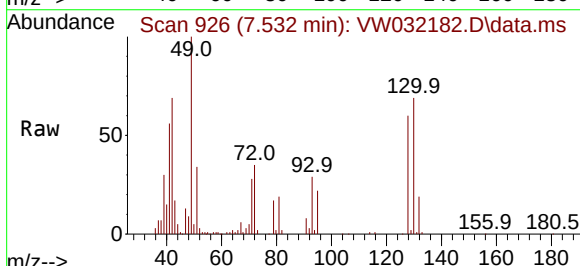
Tgt Ion: 49 Resp: 43332

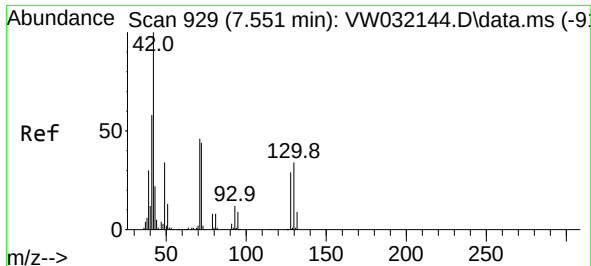
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

130 73.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 109.390 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

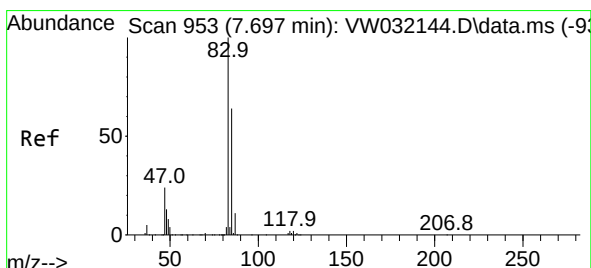
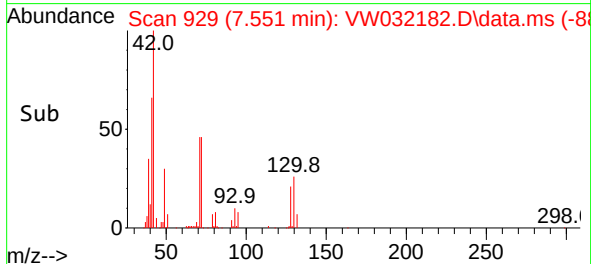
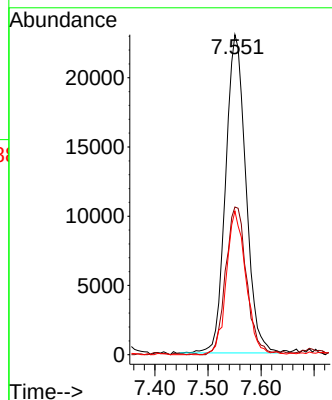
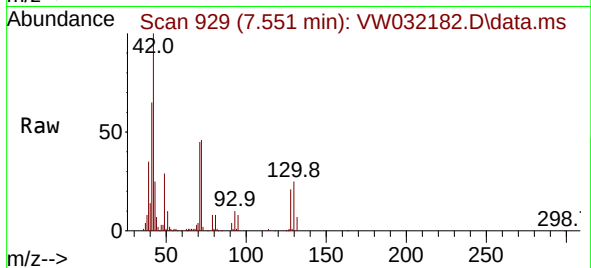
Tgt Ion: 42 Resp: 60941

Ion Ratio Lower Upper

42 100

72 47.9 37.4 56.2

71 43.8 36.0 54.0



#30

Chloroform

Concen: 21.339 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032182.D

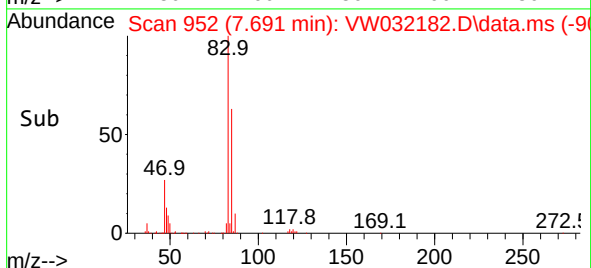
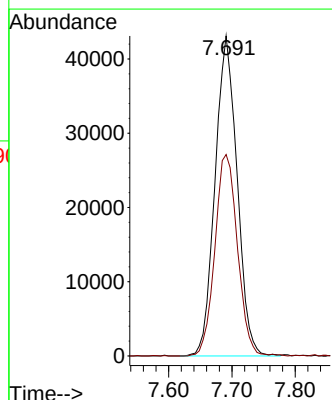
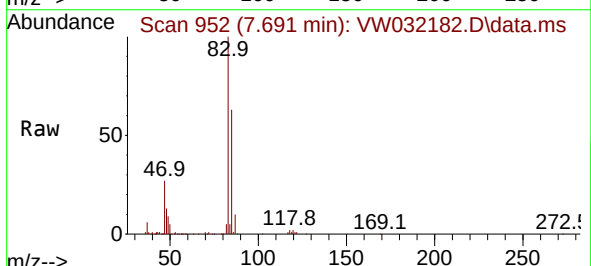
Acq: 17 Sep 2025 12:03

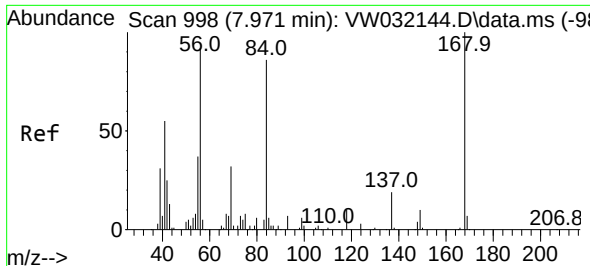
Tgt Ion: 83 Resp: 104099

Ion Ratio Lower Upper

83 100

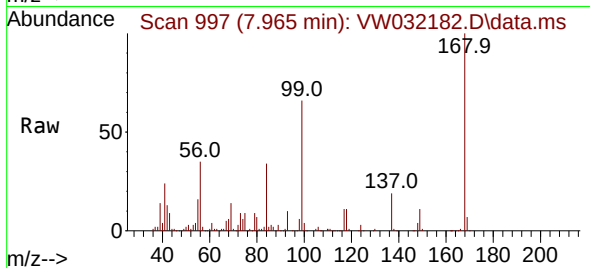
85 63.0 51.2 76.8



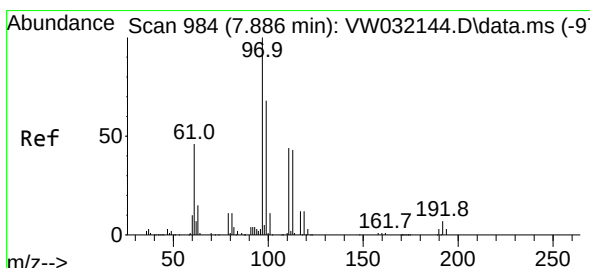
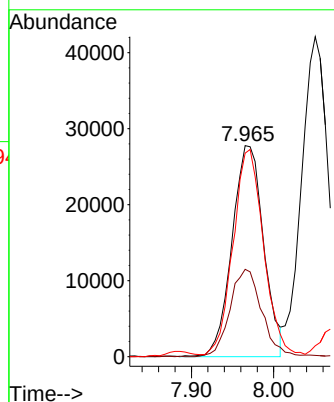
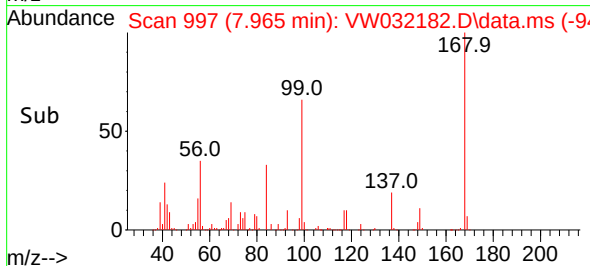


#31
Cyclohexane
Concen: 21.111 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Instrument :
MSVOA_W
ClientSampleId :

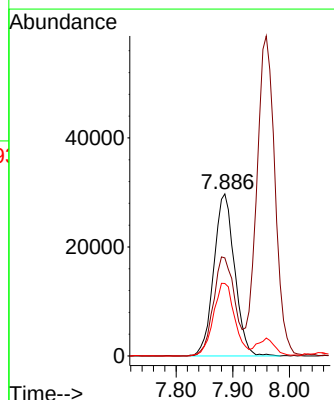
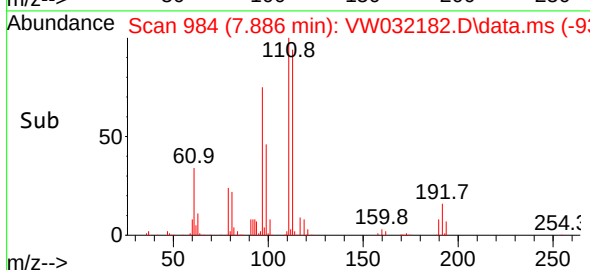
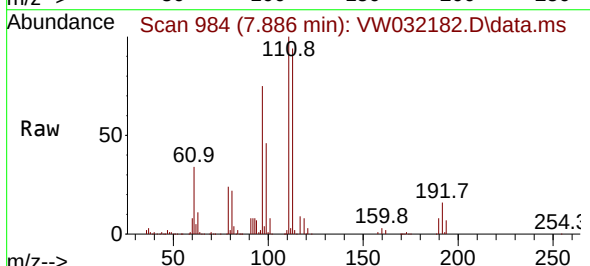


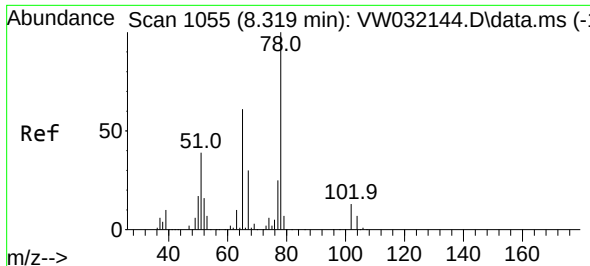
Tgt Ion: 56 Resp: 74034
Ion Ratio Lower Upper
56 100
69 41.2 27.7 41.5
84 94.0 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.286 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 97 Resp: 75802
Ion Ratio Lower Upper
97 100
99 61.8 50.9 76.3
61 46.0 36.2 54.4

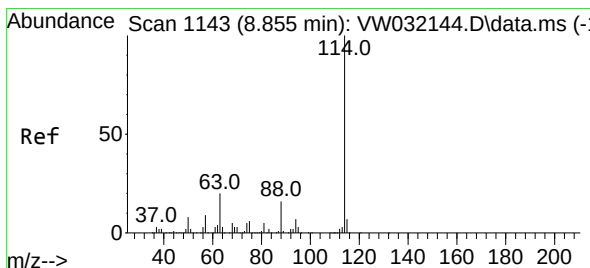
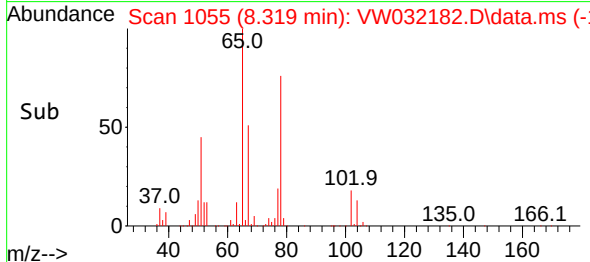
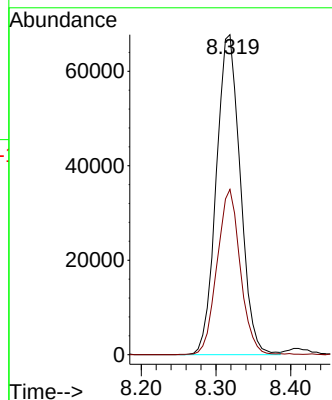
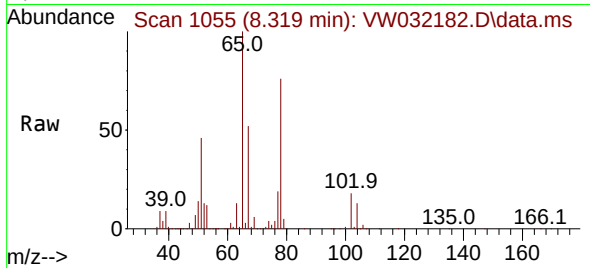




#33
 1,2-Dichloroethane-d4
 Concen: 53.037 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

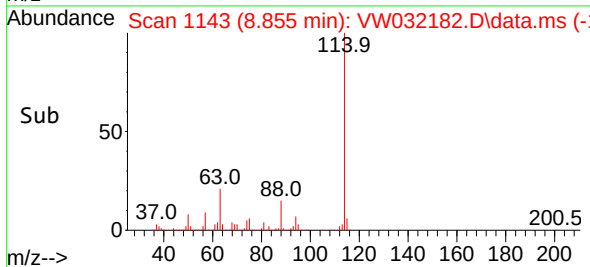
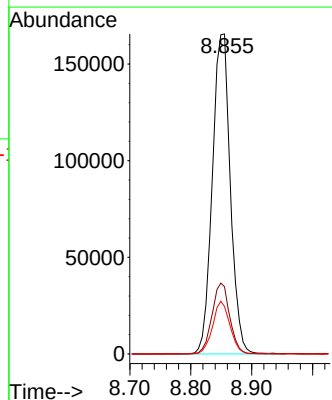
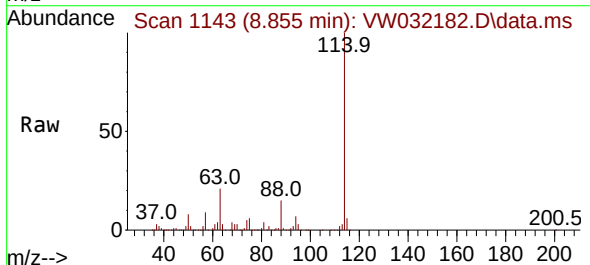
Instrument :
 MSVOA_W
 ClientSampleId :

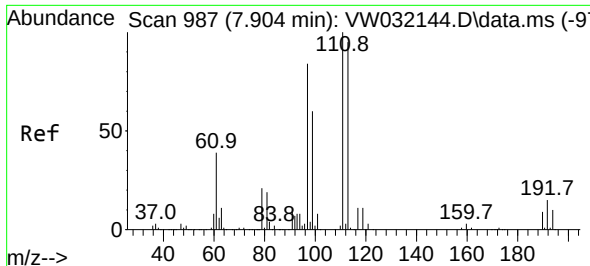
Tgt Ion: 65 Resp: 151509
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

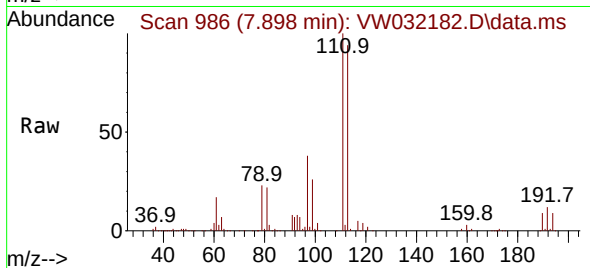
Tgt Ion: 114 Resp: 340394
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.4
 88 14.8 0.0 32.0



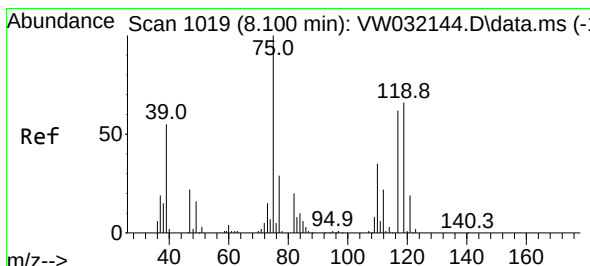
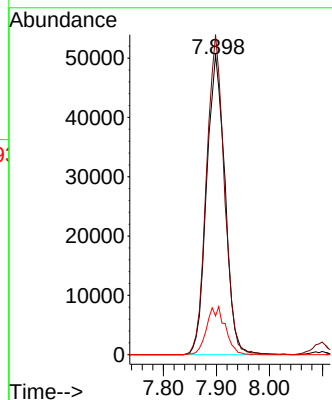
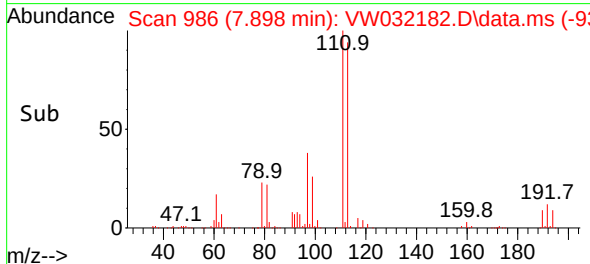


#35
 Dibromofluoromethane
 Concen: 50.832 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

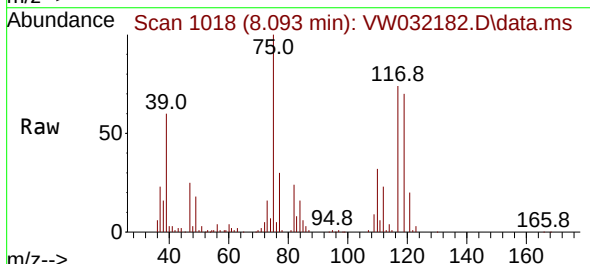
Instrument :
 MSVOA_W
 ClientSampleId :



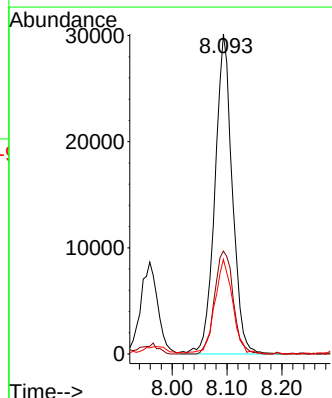
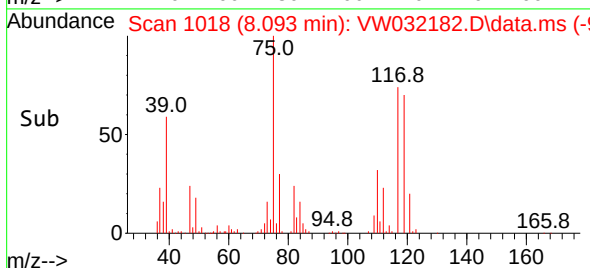
Tgt Ion:113 Resp: 121396
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.9 125.9
 192 16.3 14.6 21.8

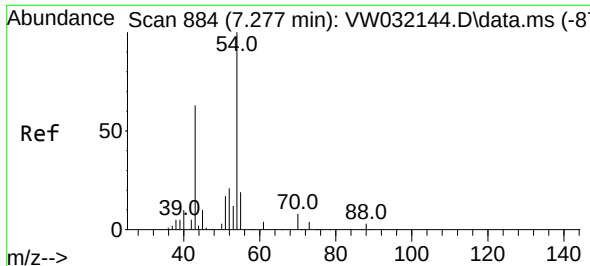


#36
 1,1-Dichloropropene
 Concen: 21.411 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03



Tgt Ion: 75 Resp: 66298
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.5 52.5
 77 30.6 24.1 36.1





#37

Ethyl Acetate

Concen: 23.193 ug/l

RT: 7.270 min Scan# 81

Delta R.T. -0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

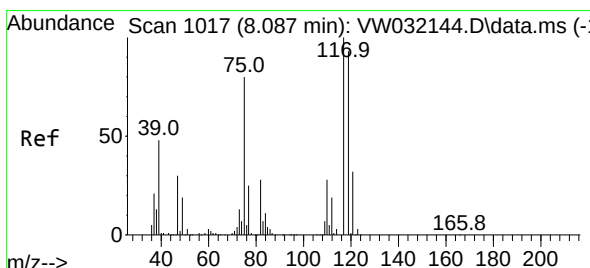
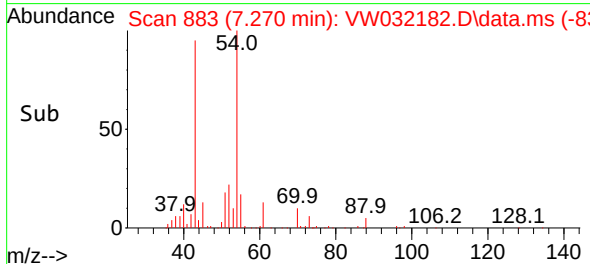
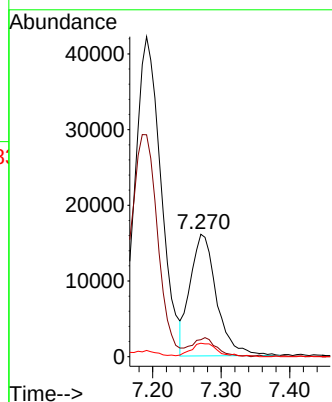
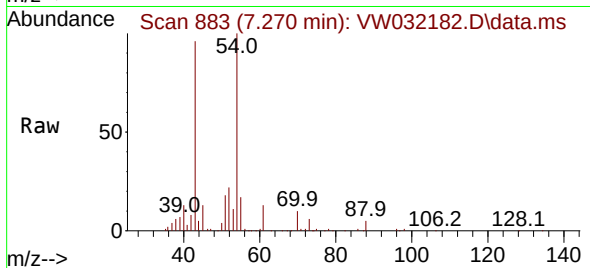
Tgt Ion: 43 Resp: 43081

Ion Ratio Lower Upper

43 100

61 14.4 11.3 16.9

70 10.9 8.9 13.3



#38

Carbon Tetrachloride

Concen: 21.317 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

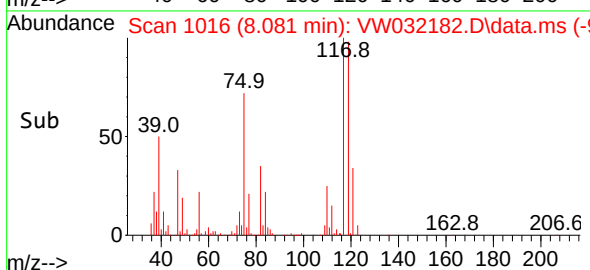
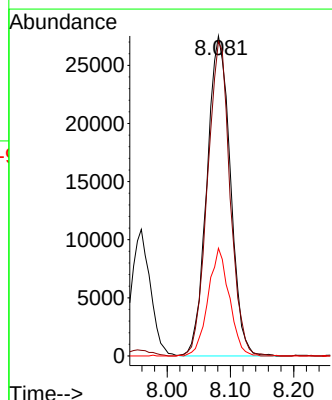
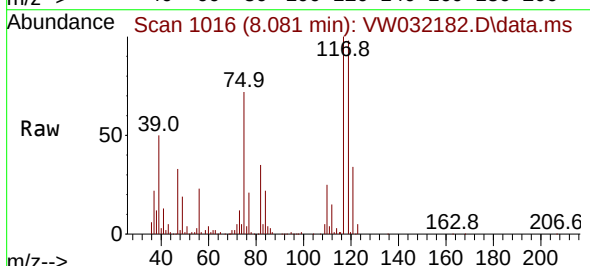
Tgt Ion: 117 Resp: 70762

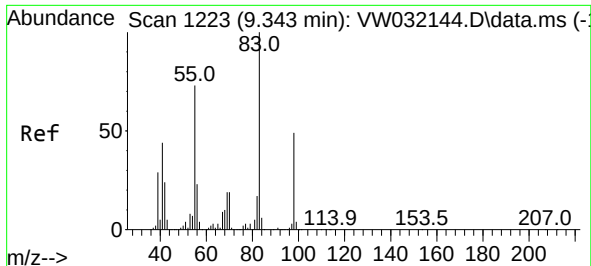
Ion Ratio Lower Upper

117 100

119 98.3 74.2 111.2

121 33.6 25.6 38.4





#39

Methylcyclohexane

Concen: 20.673 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

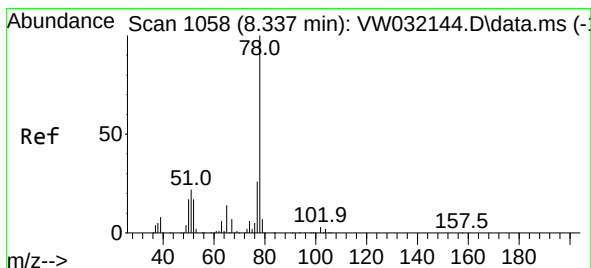
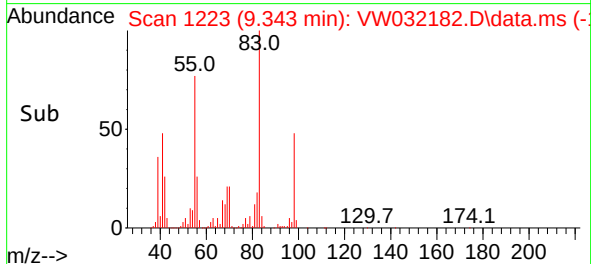
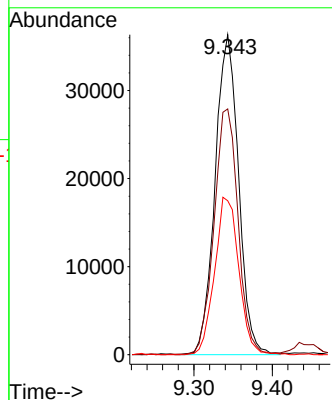
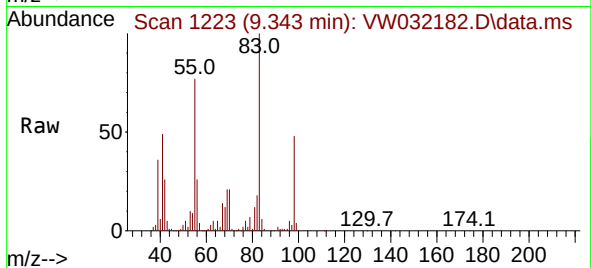
Tgt Ion: 83 Resp: 75819

Ion Ratio Lower Upper

83 100

55 76.6 58.4 87.6

98 48.1 39.4 59.2



#40

Benzene

Concen: 21.019 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032182.D

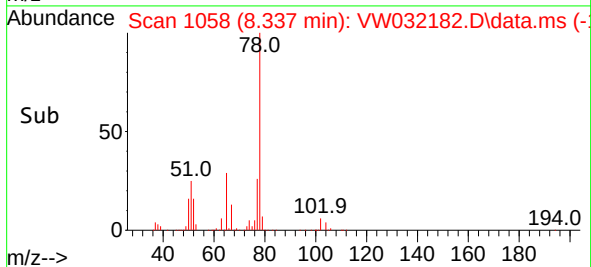
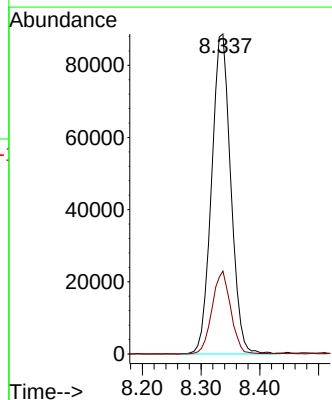
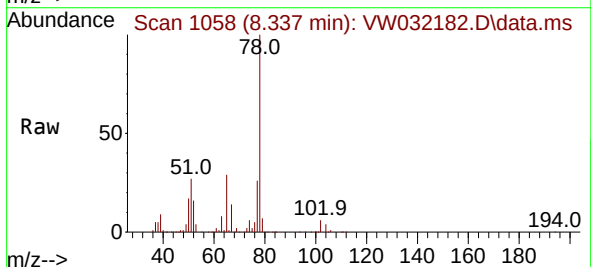
Acq: 17 Sep 2025 12:03

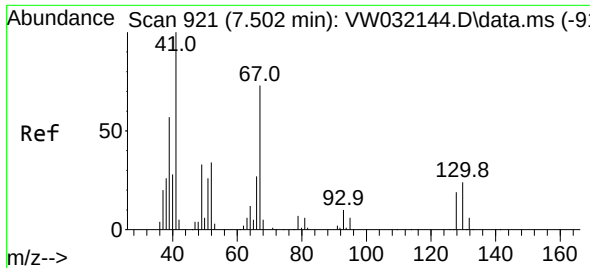
Tgt Ion: 78 Resp: 201186

Ion Ratio Lower Upper

78 100

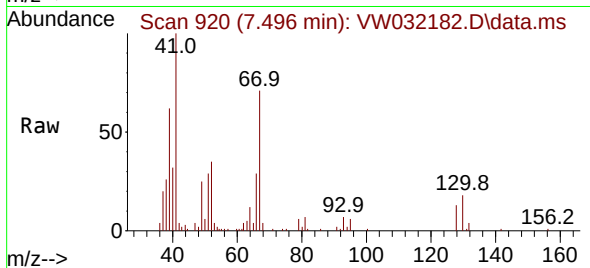
77 25.9 20.7 31.1



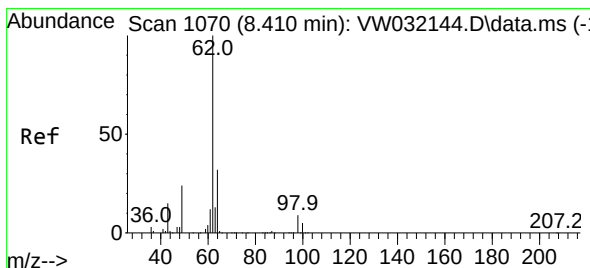
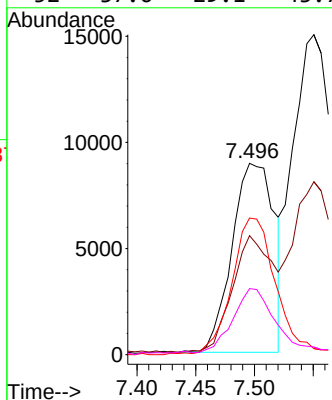
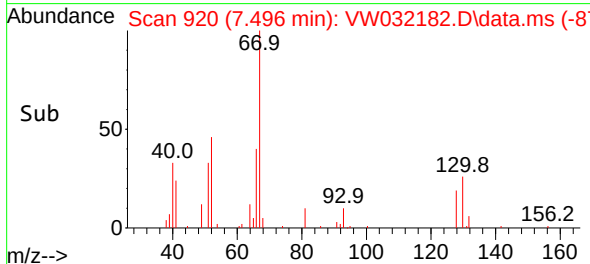


#41
Methacrylonitrile
Concen: 21.554 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

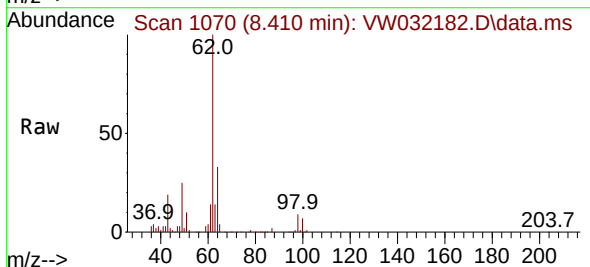
Instrument :
MSVOA_W
ClientSampleId :



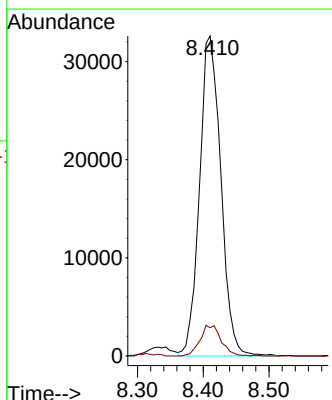
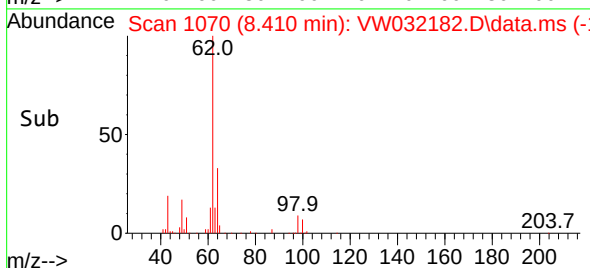
Tgt Ion:	41	Resp:	22244
Ion Ratio	100	Lower	Upper
39	59.2	50.9	76.3
67	76.4	65.6	98.4
52	37.6	29.1	43.7

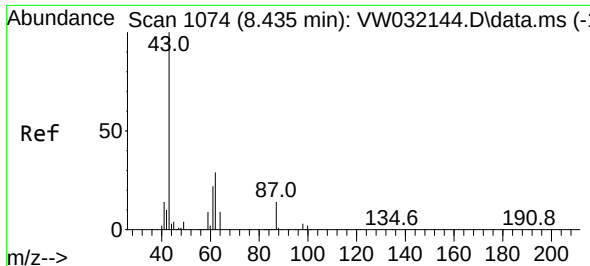


#42
1,2-Dichloroethane
Concen: 22.183 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03



Tgt Ion:	62	Resp:	73607
Ion Ratio	100	Lower	Upper
98	9.5	0.0	18.0

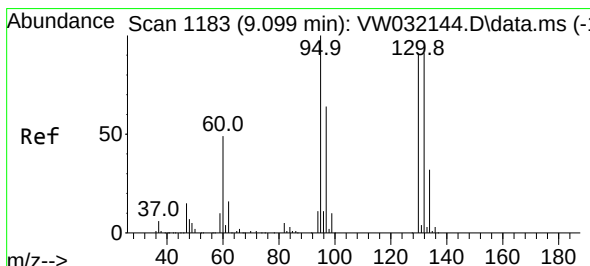
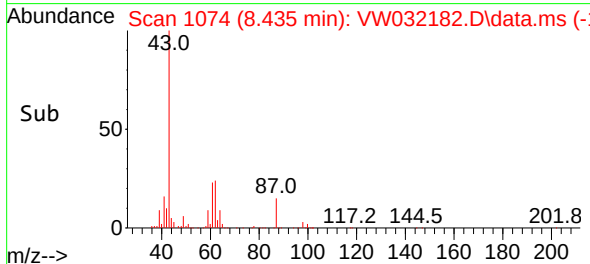
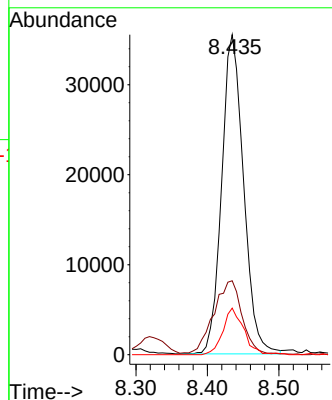
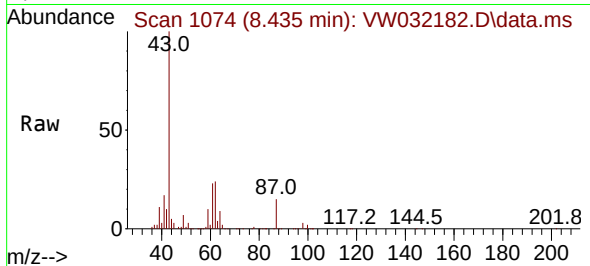




#43
Isopropyl Acetate
Concen: 21.669 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

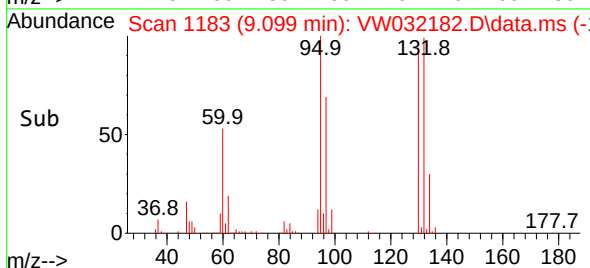
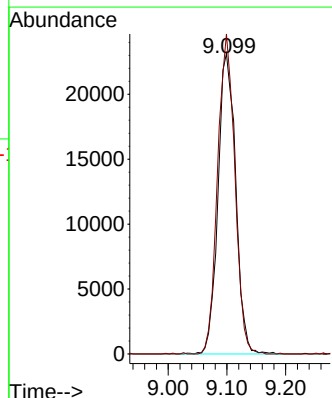
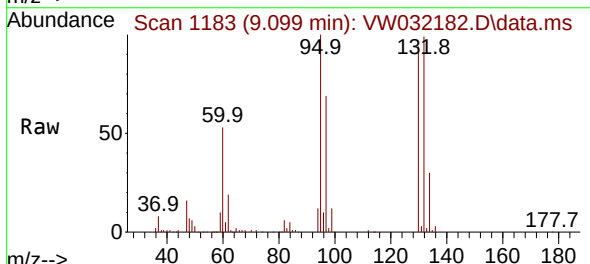
Instrument :
MSVOA_W
ClientSampleId :

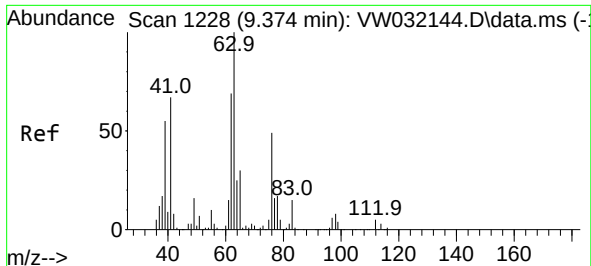
Tgt Ion: 43 Resp: 75511
Ion Ratio Lower Upper
43 100
61 30.4 23.3 34.9
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 20.113 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 130 Resp: 48414
Ion Ratio Lower Upper
130 100
95 106.5 0.0 220.0





#45

1,2-Dichloropropane

Concen: 21.756 ug/l

RT: 9.373 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

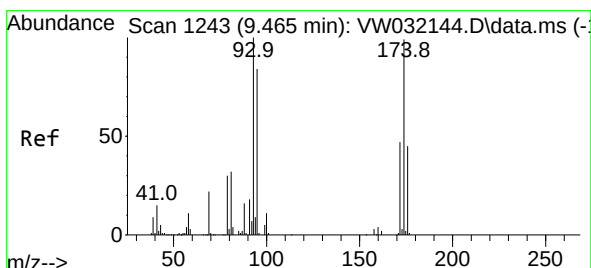
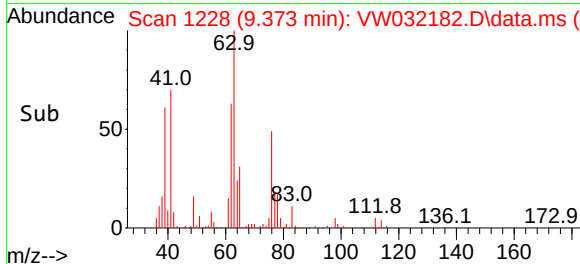
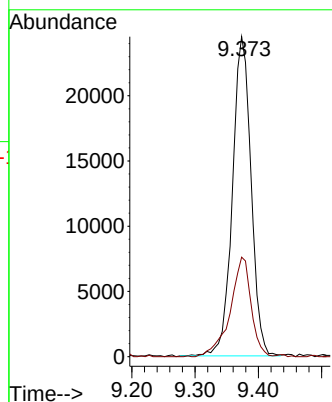
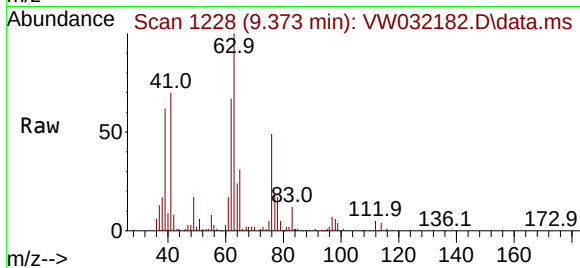
ClientSampleId :

Tgt Ion: 63 Resp: 50199

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 21.349 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

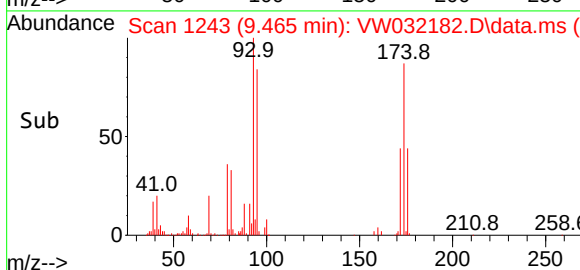
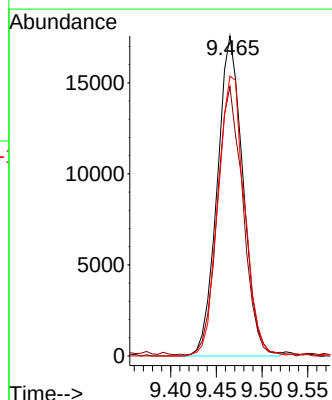
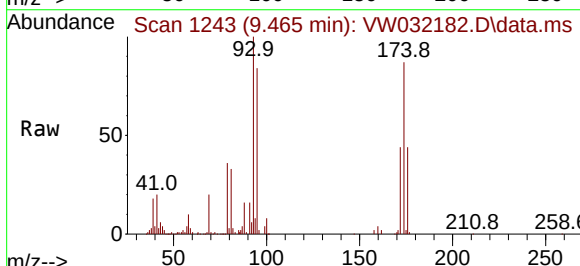
Tgt Ion: 93 Resp: 34551

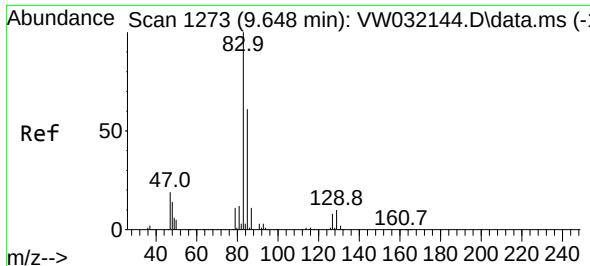
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.2

174 89.5 75.7 113.5

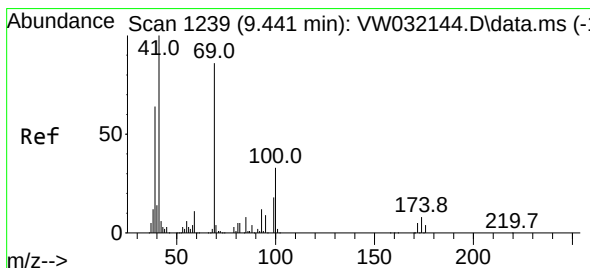
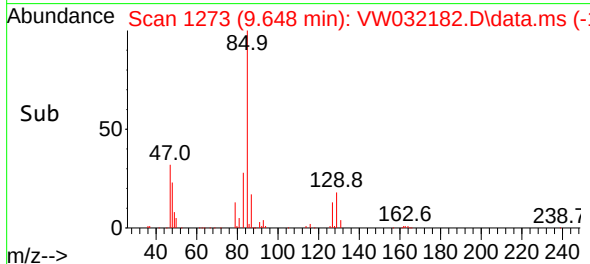
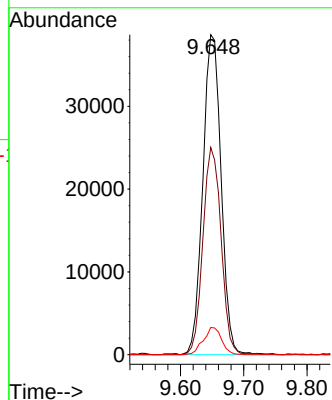
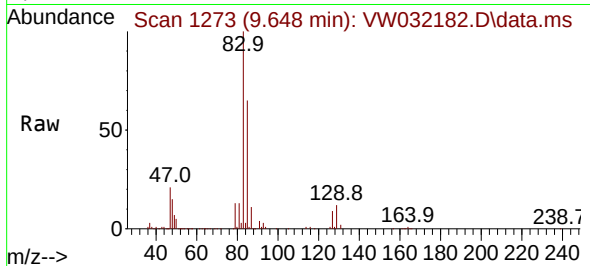




#47
Bromodichloromethane
Concen: 21.163 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

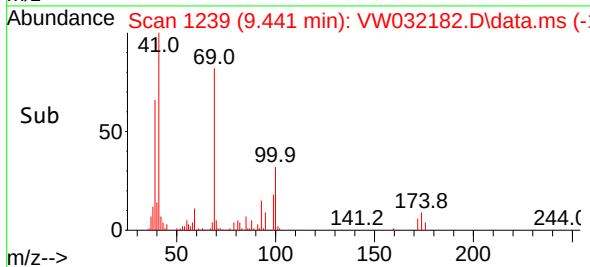
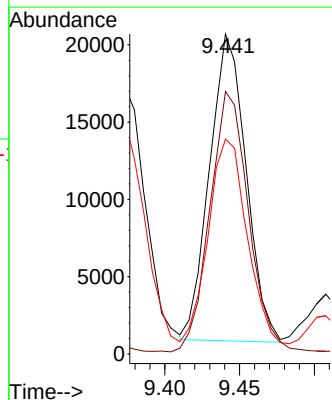
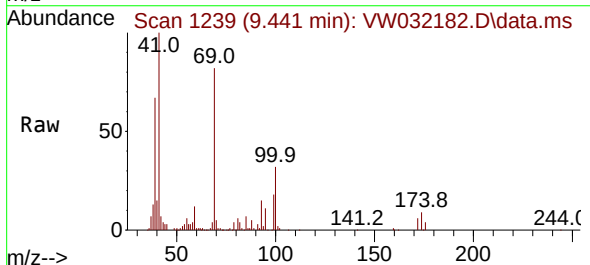
Instrument :
MSVOA_W
ClientSampleId :

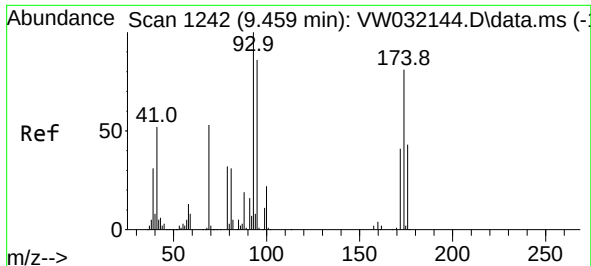
Tgt Ion: 83 Resp: 77830
Ion Ratio Lower Upper
83 100
85 64.7 48.7 73.1
127 8.5 6.4 9.6



#48
Methyl methacrylate
Concen: 21.015 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 41 Resp: 33749
Ion Ratio Lower Upper
41 100
69 89.8 71.5 107.3
39 70.6 55.9 83.9





#49

1,4-Dioxane

Concen: 395.939 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

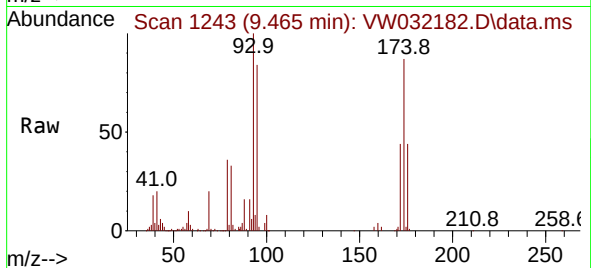
Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :



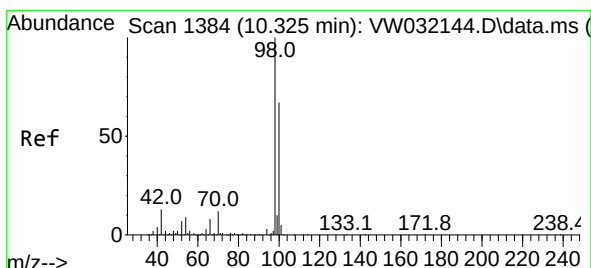
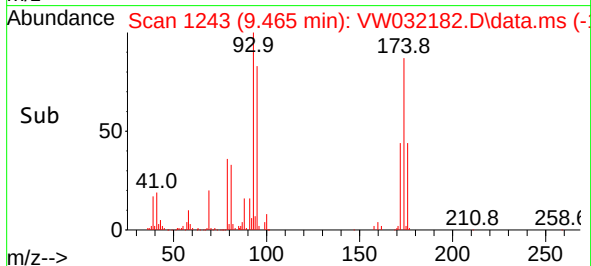
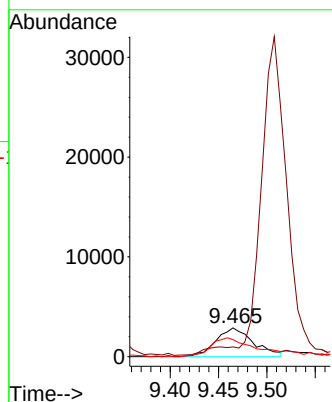
Tgt Ion: 88 Resp: 7742

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 86.5 55.4 83.0#



#50

Toluene-d8

Concen: 51.460 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032182.D

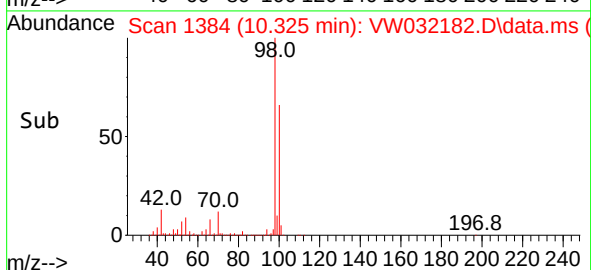
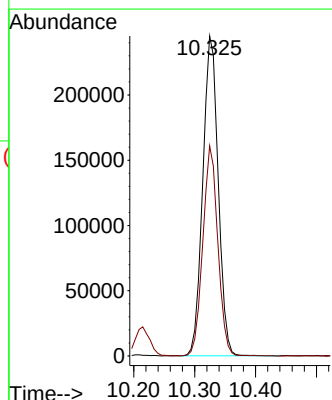
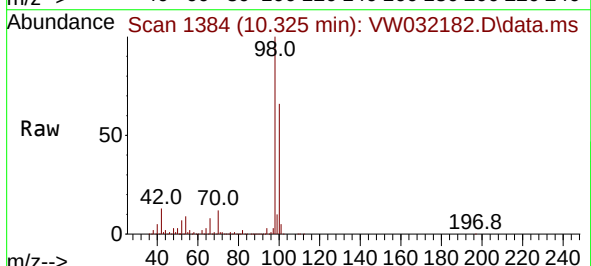
Acq: 17 Sep 2025 12:03

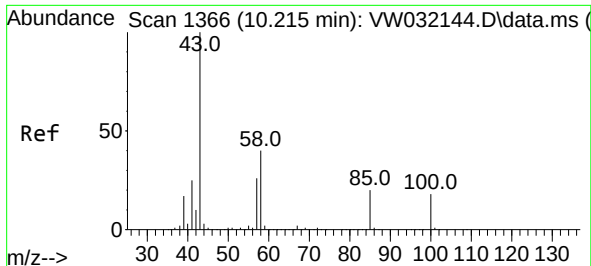
Tgt Ion: 98 Resp: 431424

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.2

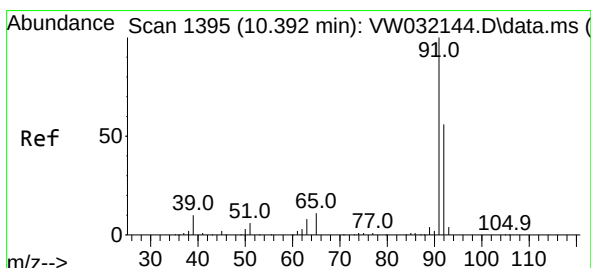
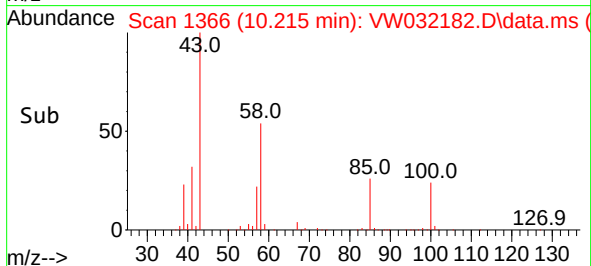
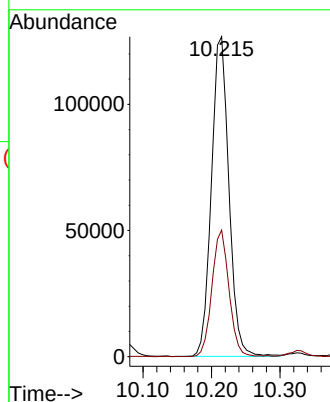
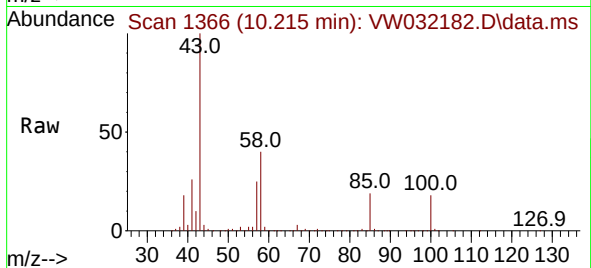




#51
4-Methyl-2-Pentanone
Concen: 114.173 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

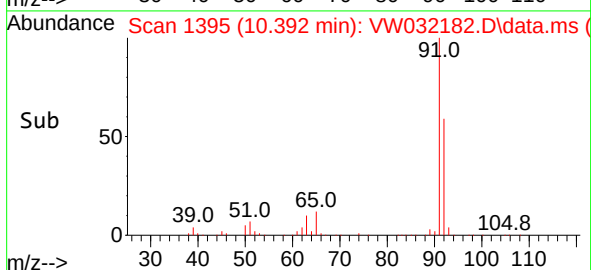
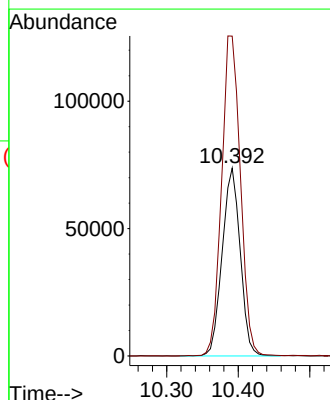
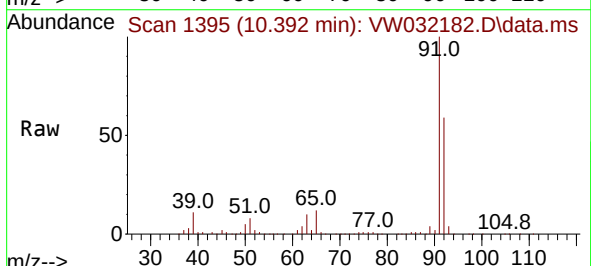
Instrument :
MSVOA_W
ClientSampleId :

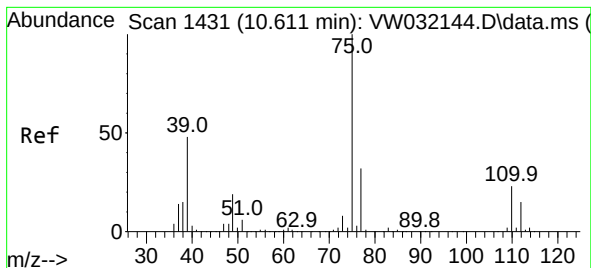
Tgt Ion: 43 Resp: 224656
Ion Ratio Lower Upper
43 100
58 38.4 32.0 48.0



#52
Toluene
Concen: 20.623 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 92 Resp: 128995
Ion Ratio Lower Upper
92 100
91 178.3 137.5 206.3

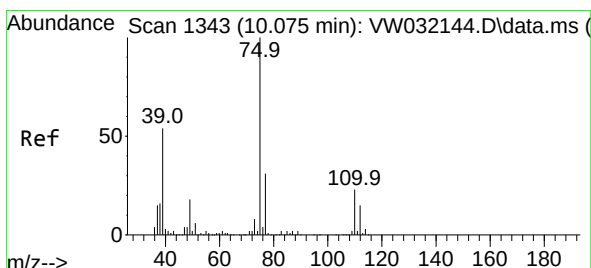
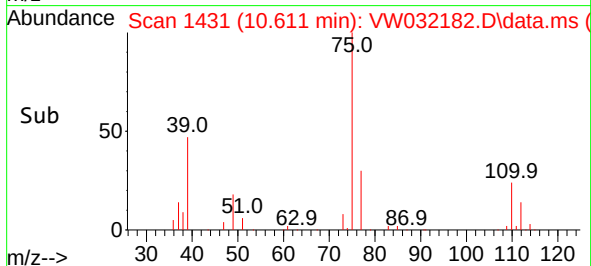
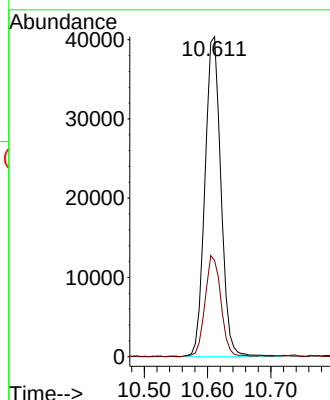
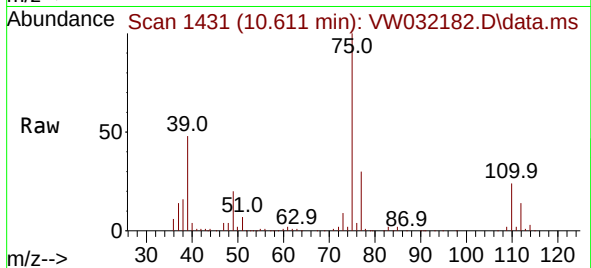




#53
 t-1,3-Dichloropropene
 Concen: 21.995 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

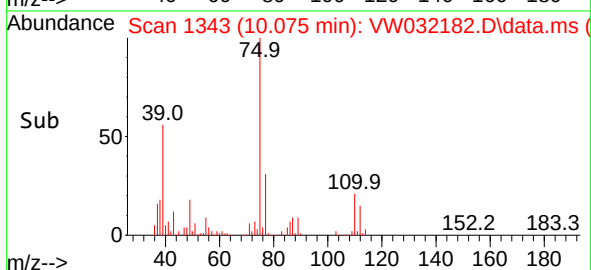
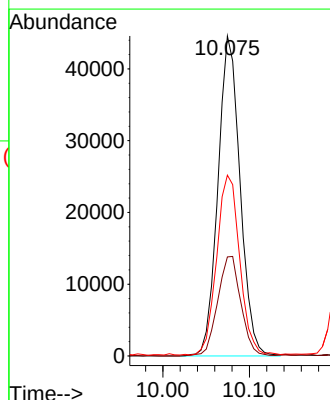
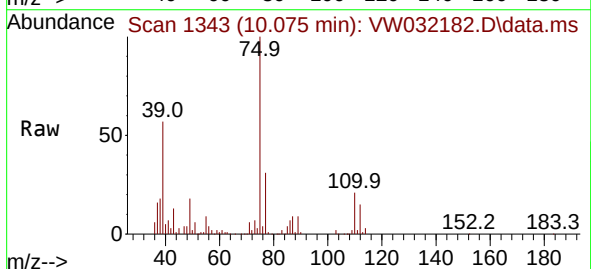
Instrument :
 MSVOA_W
 ClientSampleId :

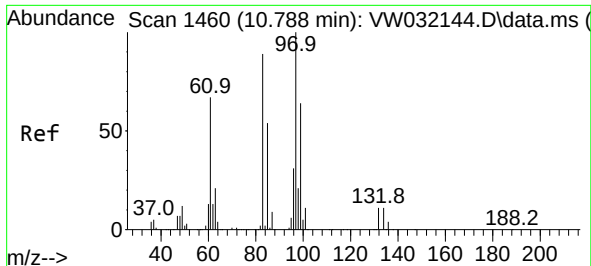
Tgt Ion: 75 Resp: 71358
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.365 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032182.D
 Acq: 17 Sep 2025 12:03

Tgt Ion: 75 Resp: 79091
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7
 39 56.2 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 21.474 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

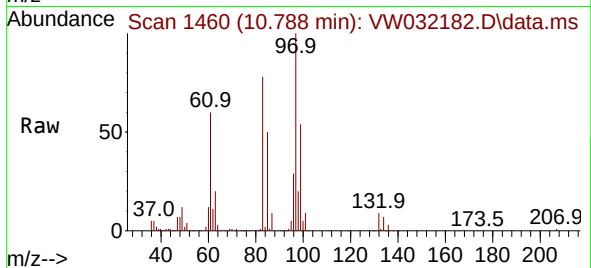
Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 45191

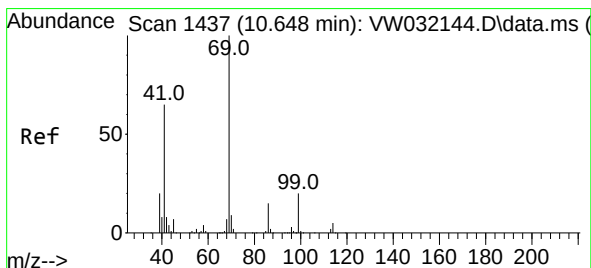
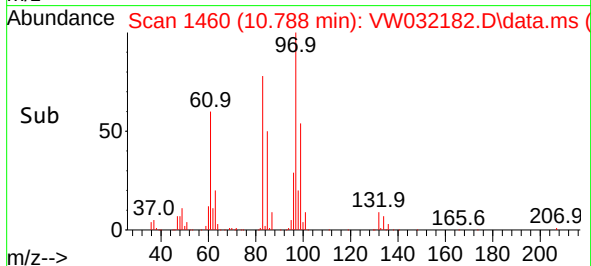
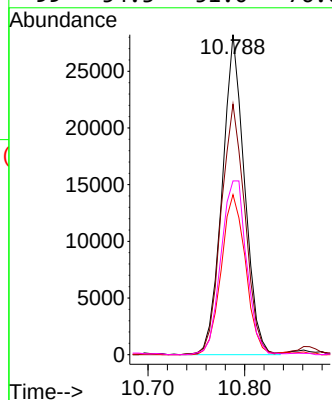
Ion Ratio Lower Upper

97 100

83 78.3 71.0 106.6

85 50.0 42.8 64.2

99 54.3 51.0 76.6



#56

Ethyl methacrylate

Concen: 20.947 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

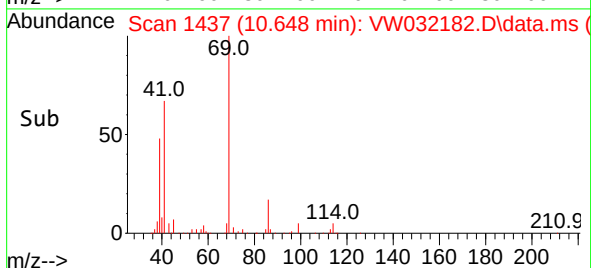
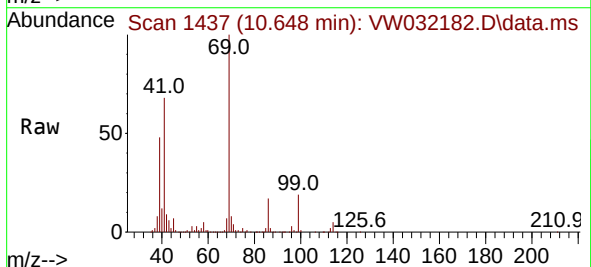
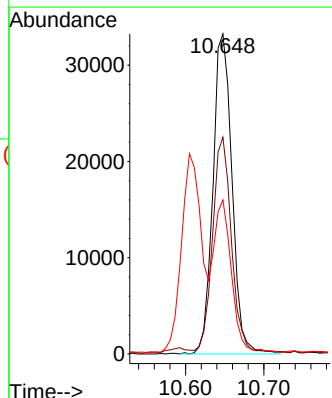
Tgt Ion: 69 Resp: 56356

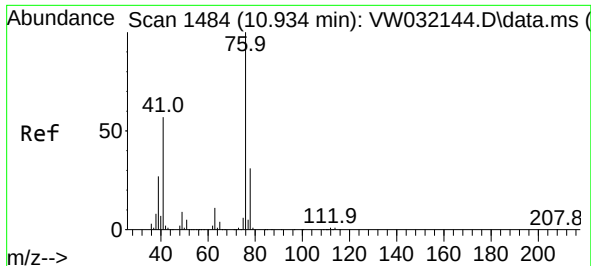
Ion Ratio Lower Upper

69 100

41 66.8 53.2 79.8

39 43.5 32.9 49.3





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

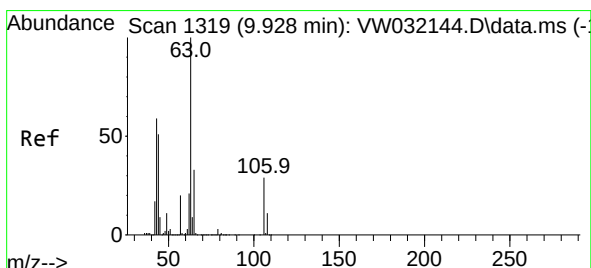
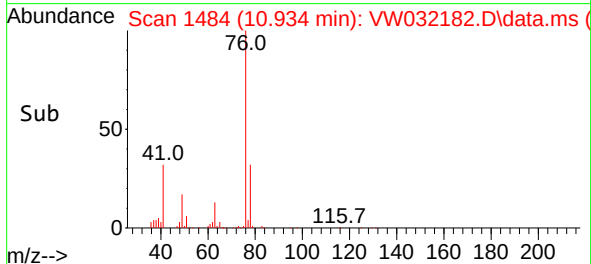
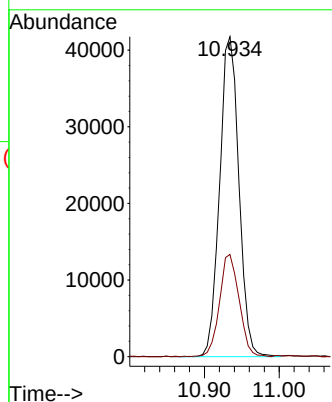
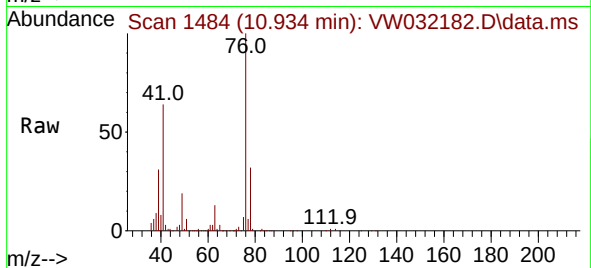
ClientSampleId :

Tgt Ion: 76 Resp: 74893

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.447 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032182.D

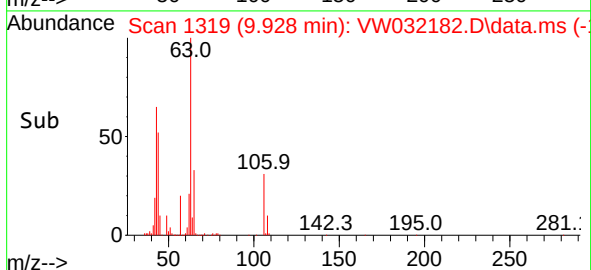
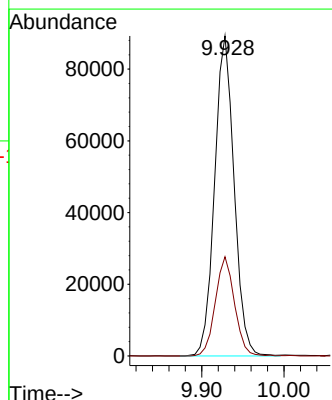
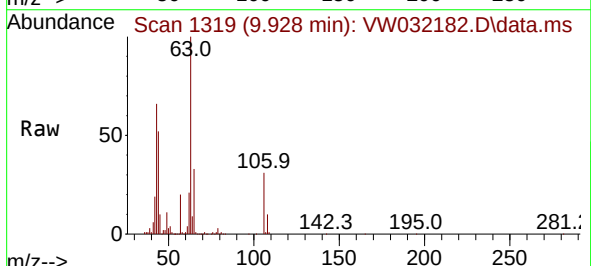
Acq: 17 Sep 2025 12:03

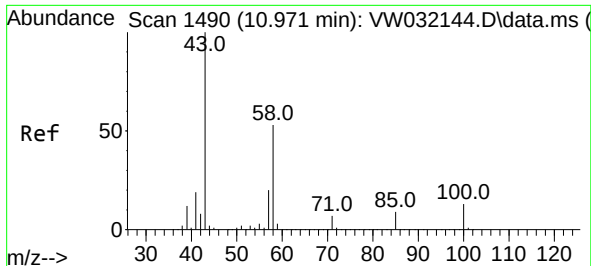
Tgt Ion: 63 Resp: 147120

Ion Ratio Lower Upper

63 100

106 30.5 24.3 36.5

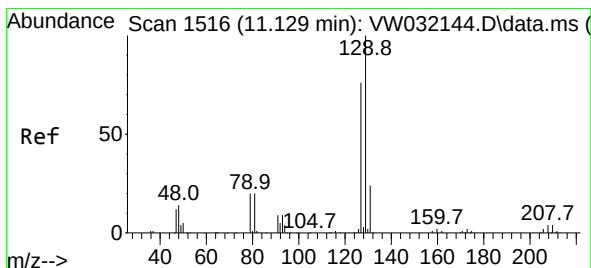
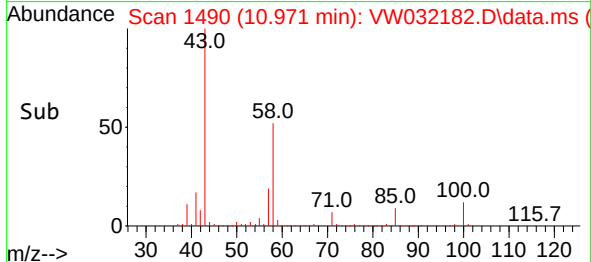
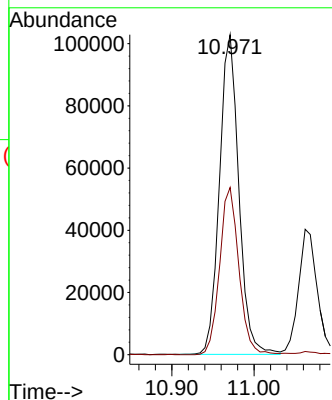
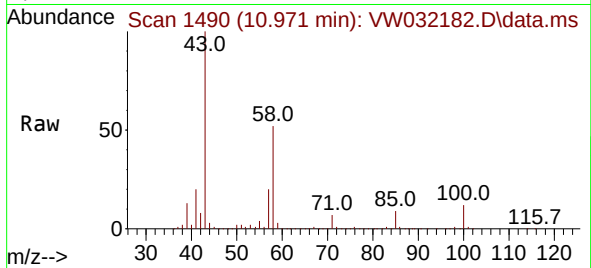




#59
2-Hexanone
Concen: 122.839 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

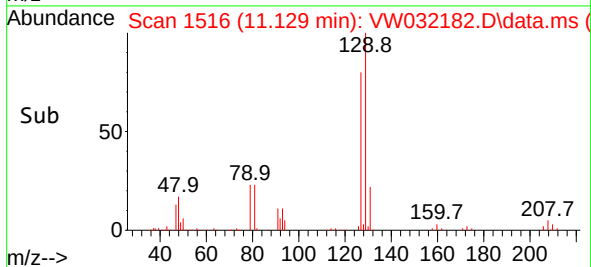
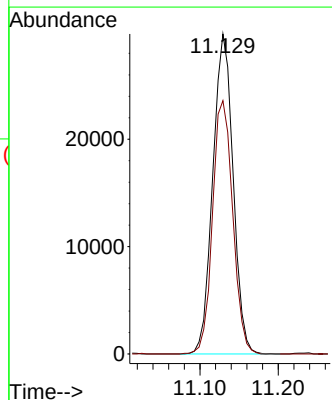
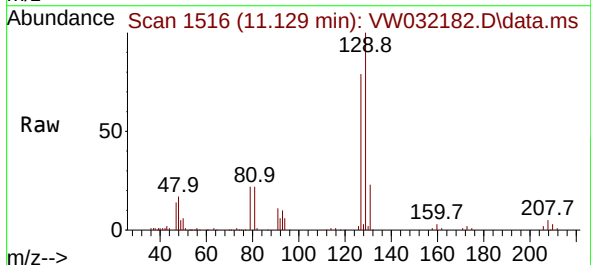
Instrument :
MSVOA_W
ClientSampleId :

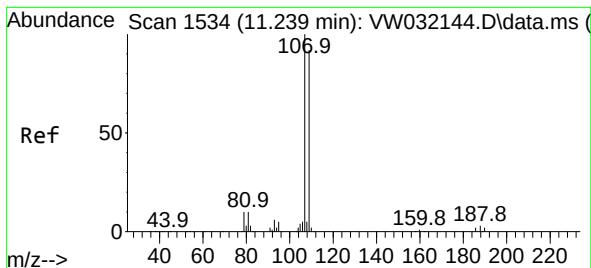
Tgt Ion: 43 Resp: 168102
Ion Ratio Lower Upper
43 100
58 52.1 27.5 82.4



#60
Dibromochloromethane
Concen: 21.078 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion:129 Resp: 53674
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.5

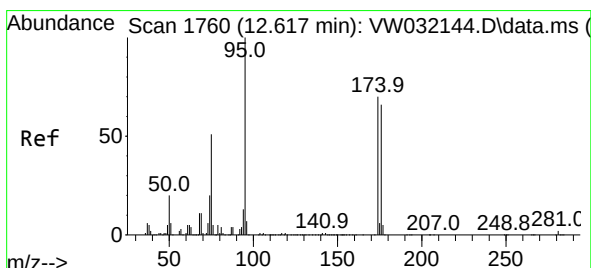
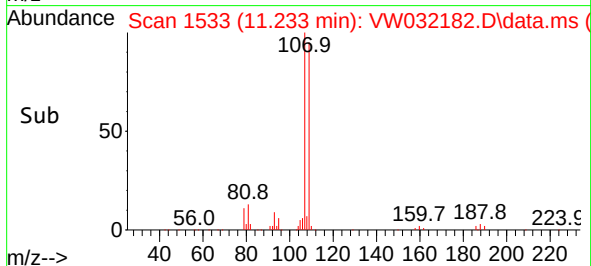
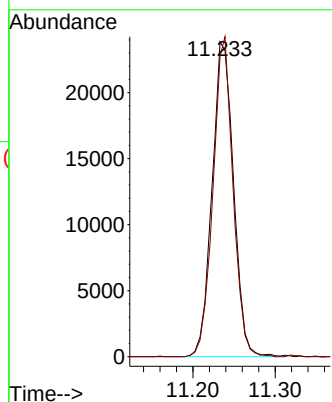
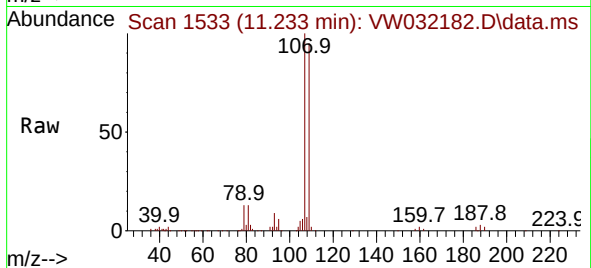




#61
1,2-Dibromoethane
Concen: 20.849 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

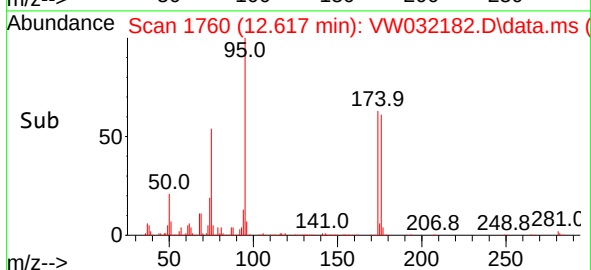
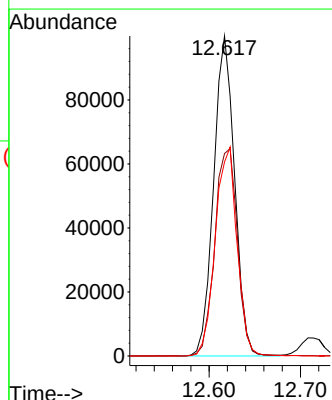
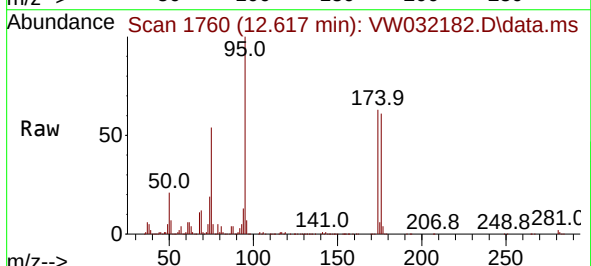
Instrument :
MSVOA_W
ClientSampleId :

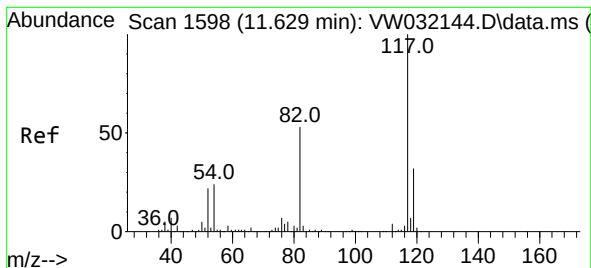
Tgt Ion:107 Resp: 43147
Ion Ratio Lower Upper
107 100
109 94.4 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 51.318 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 95 Resp: 159093
Ion Ratio Lower Upper
95 100
174 70.2 0.0 145.6
176 67.9 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032182.D

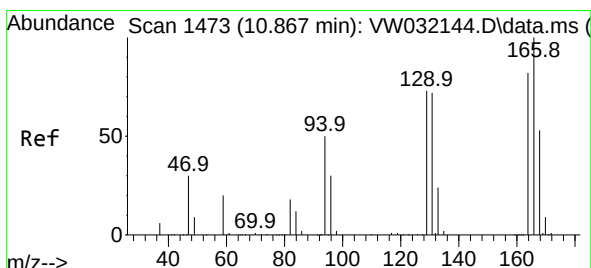
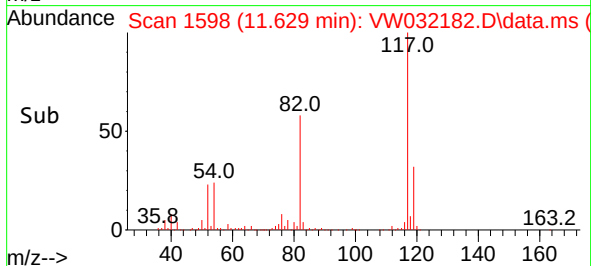
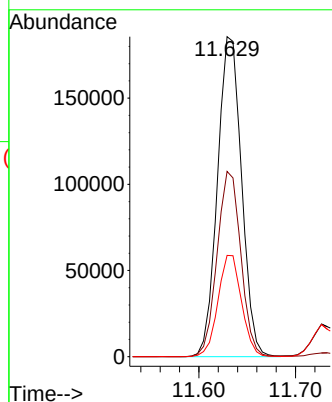
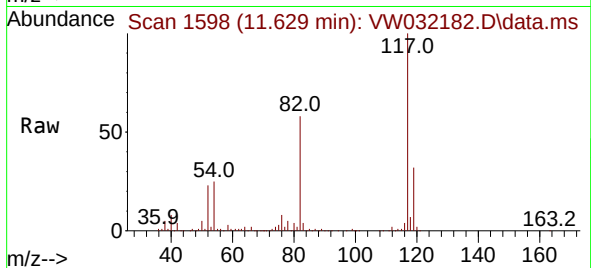
Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:117	Resp: 321402
Ion Ratio	Lower Upper
117	100
82	57.9 42.7 64.1
119	31.6 25.2 37.8



#64

Tetrachloroethene

Concen: 20.240 ug/l

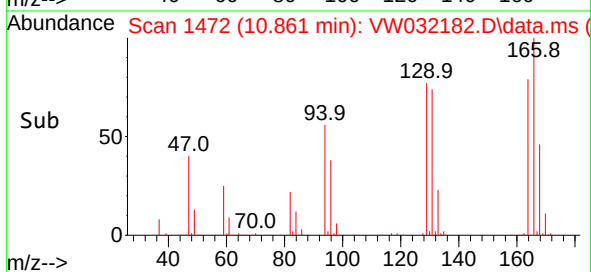
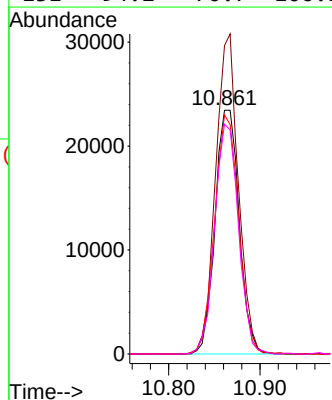
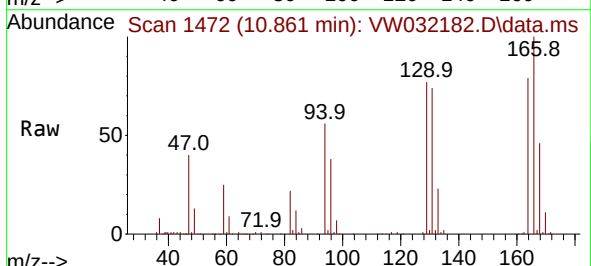
RT: 10.861 min Scan# 1472

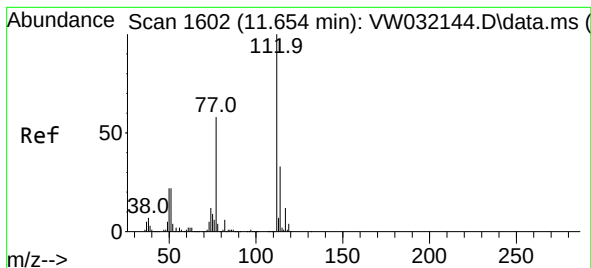
Delta R.T. -0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Tgt Ion:164	Resp: 42814
Ion Ratio	Lower Upper
164	100
166	126.6 97.5 146.3
129	98.1 71.2 106.8
131	94.2 70.7 106.1





#65

Chlorobenzene

Concen: 20.259 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

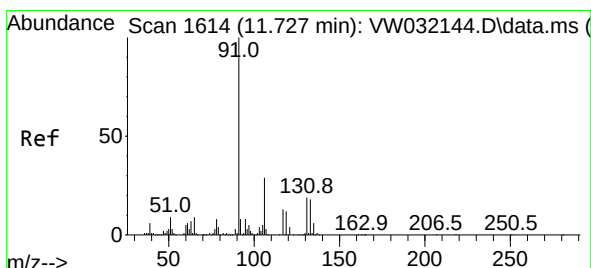
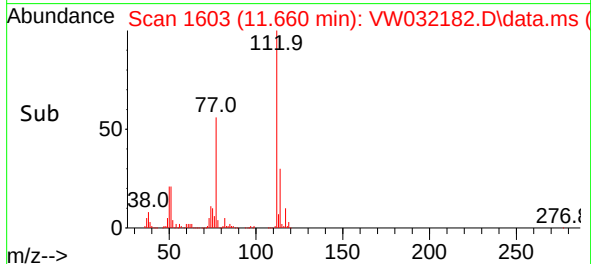
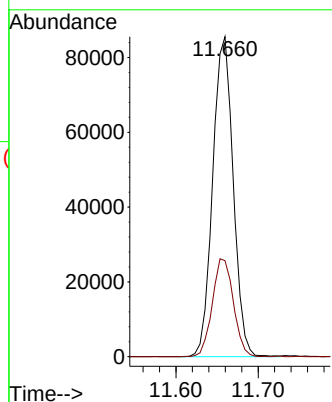
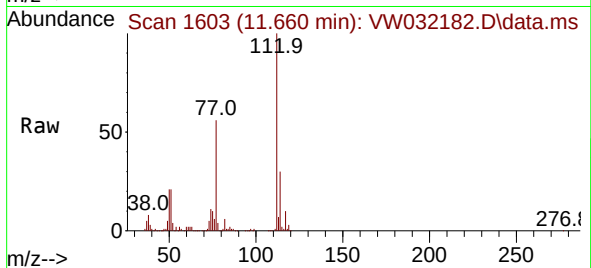
ClientSampleId :

Tgt Ion:112 Resp: 148205

Ion Ratio Lower Upper

112 100

114 30.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.136 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

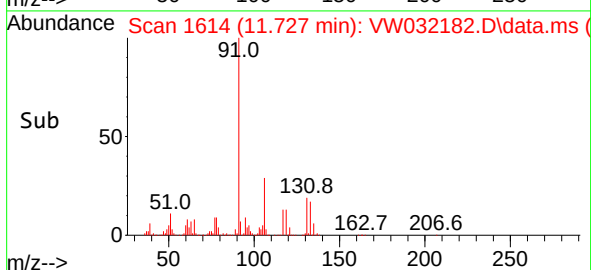
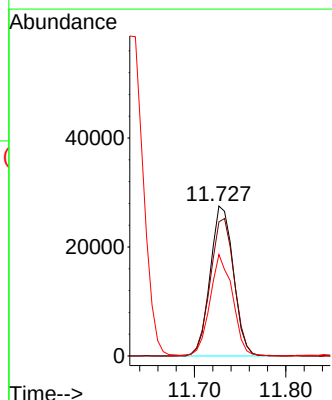
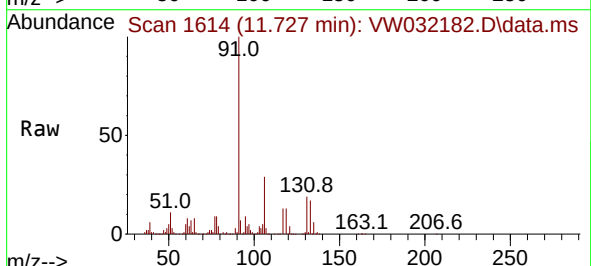
Tgt Ion:131 Resp: 48497

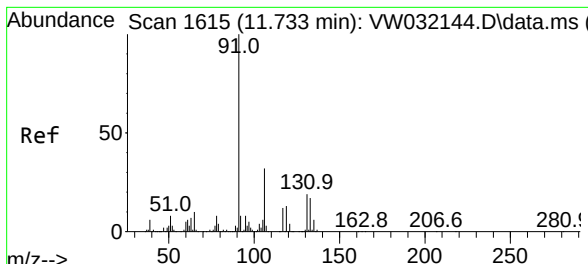
Ion Ratio Lower Upper

131 100

133 94.7 47.7 143.1

119 66.1 32.8 98.3

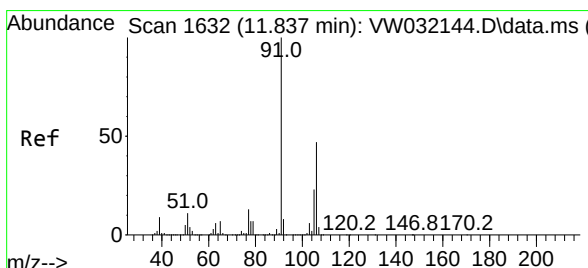
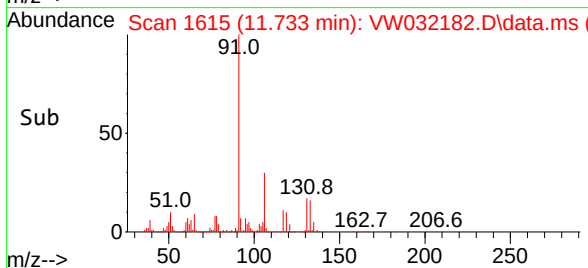
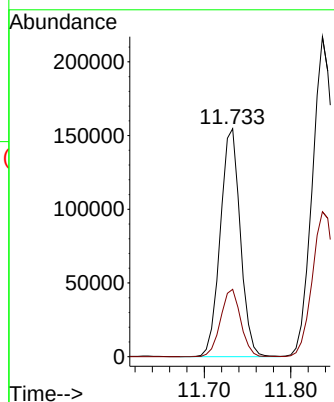
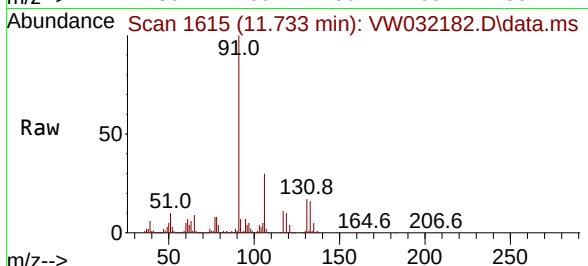




#67
Ethyl Benzene
Concen: 20.701 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

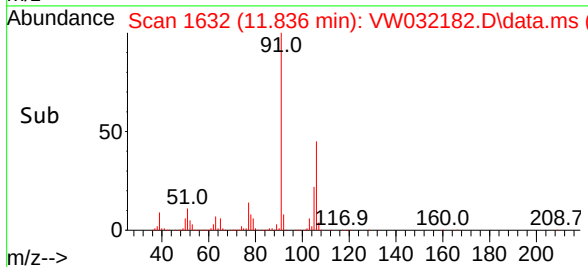
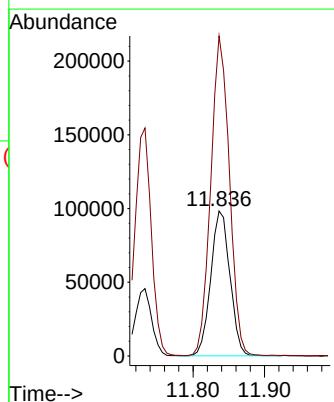
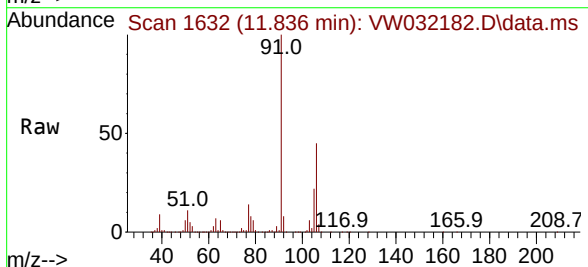
Instrument :
MSVOA_W
ClientSampleId :

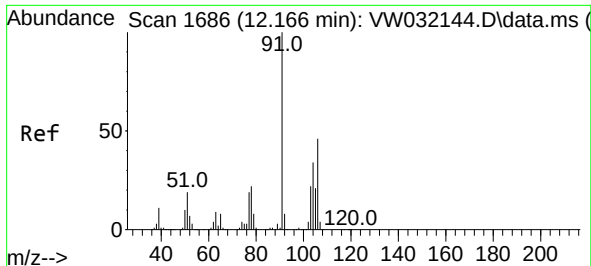
Tgt Ion: 91 Resp: 248126
Ion Ratio Lower Upper
91 100
106 29.5 25.3 37.9



#68
m/p-Xylenes
Concen: 39.614 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 106 Resp: 182739
Ion Ratio Lower Upper
106 100
91 214.9 164.2 246.2

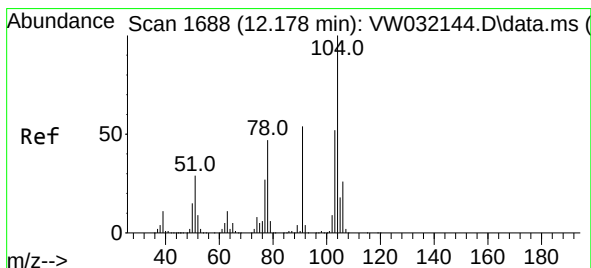
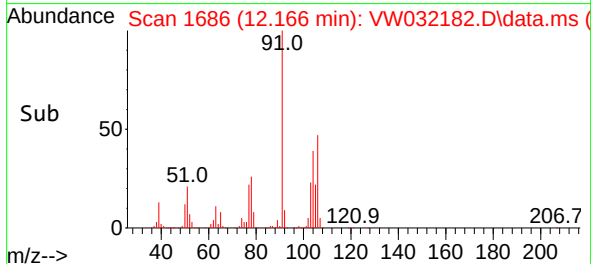
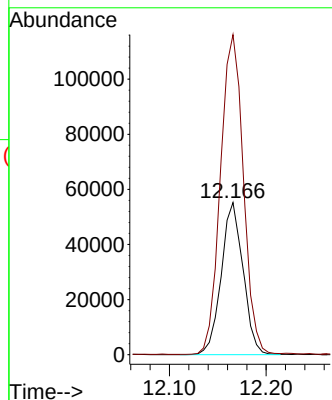
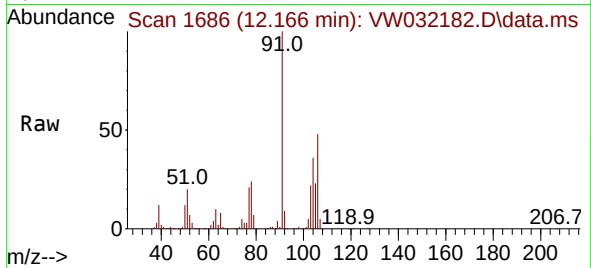




#69
o-Xylene
Concen: 19.808 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

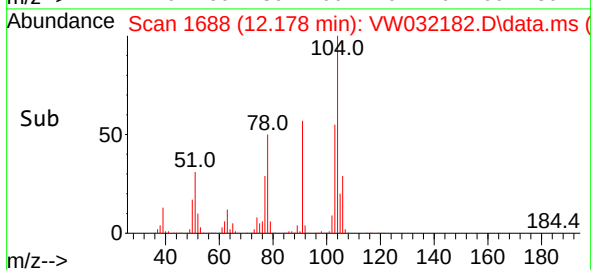
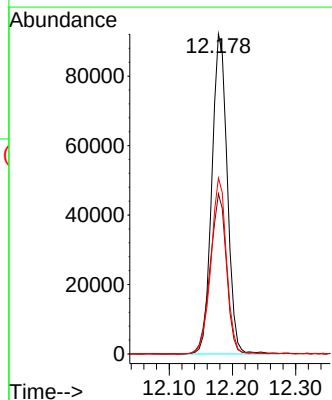
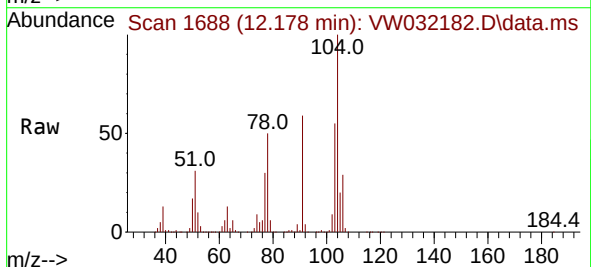
Instrument :
MSVOA_W
ClientSampleId :

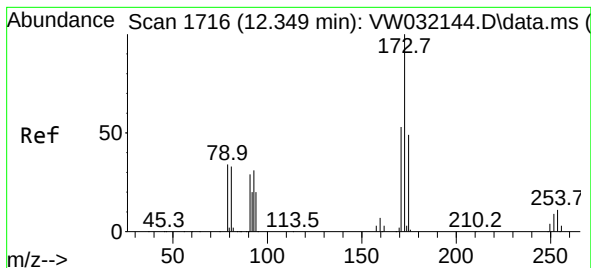
Tgt Ion:106 Resp: 86431
Ion Ratio Lower Upper
106 100
91 220.6 108.7 326.3



#70
Styrene
Concen: 20.300 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion:104 Resp: 156142
Ion Ratio Lower Upper
104 100
78 53.2 41.6 62.4
103 56.0 44.8 67.2





#71

Bromoform

Concen: 20.542 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

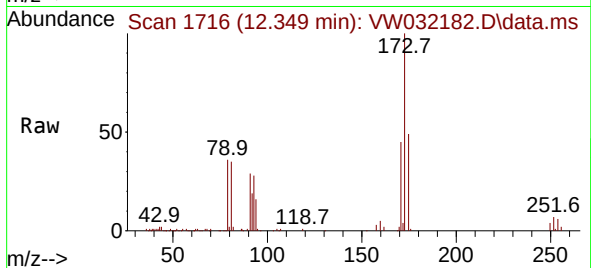
Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

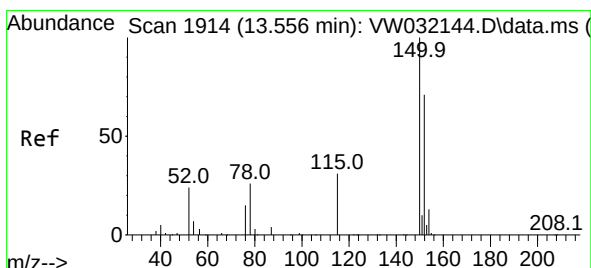
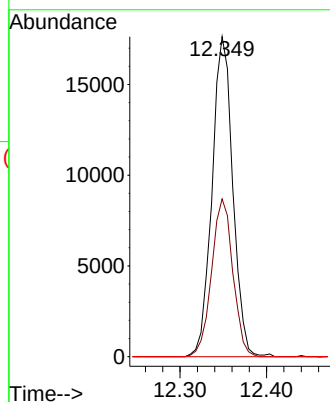
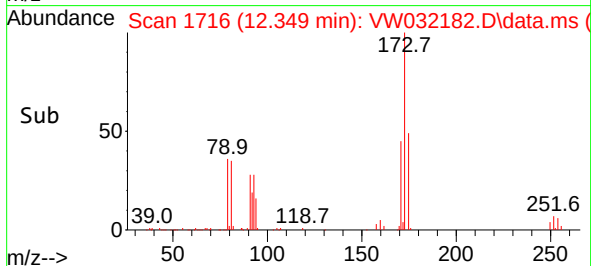
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	29385
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.9	74.7
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

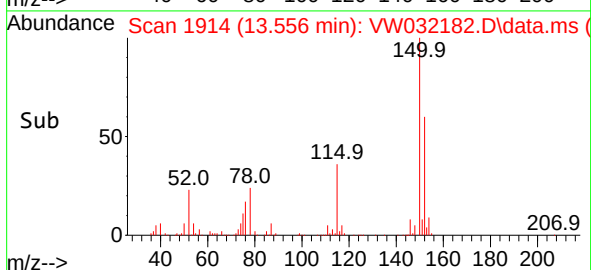
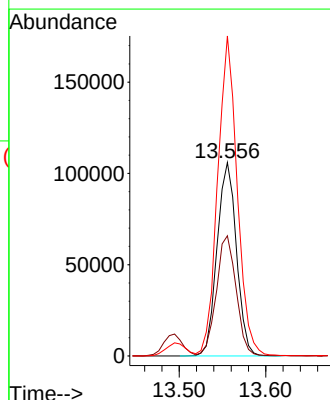
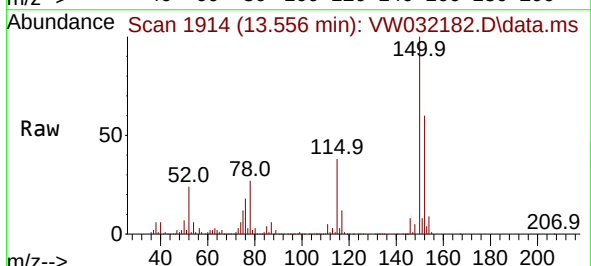
RT: 13.556 min Scan# 1914

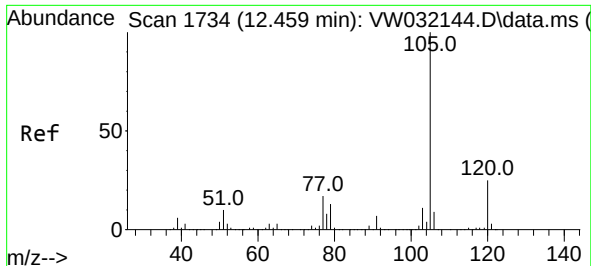
Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Tgt Ion:	152	Resp:	164787
Ion Ratio	Lower	Upper	
152	100		
115	63.0	31.8	95.4
150	166.9	0.0	343.0

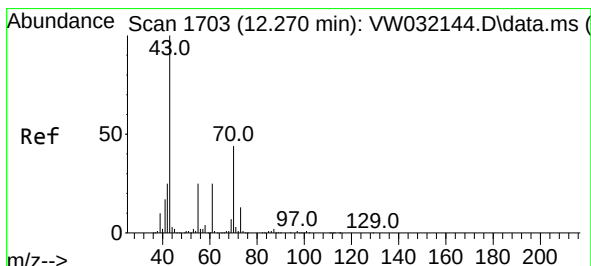
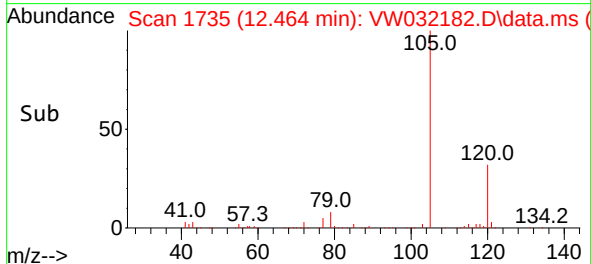
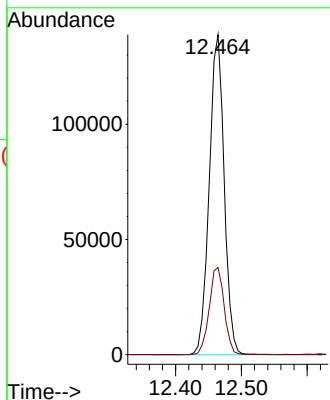
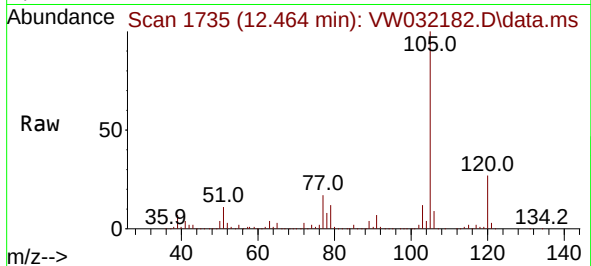




#73
Isopropylbenzene
Concen: 19.588 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

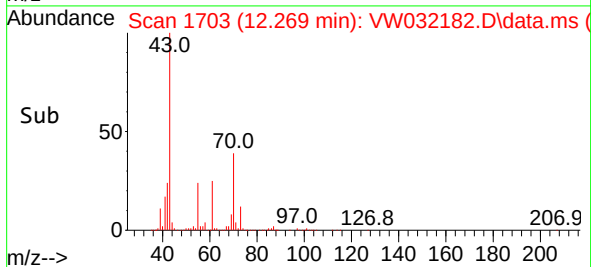
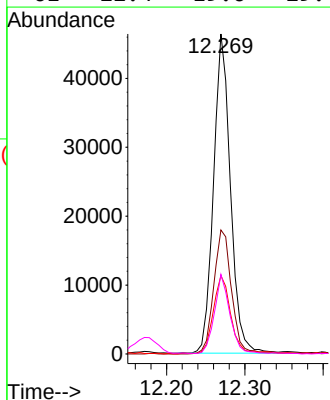
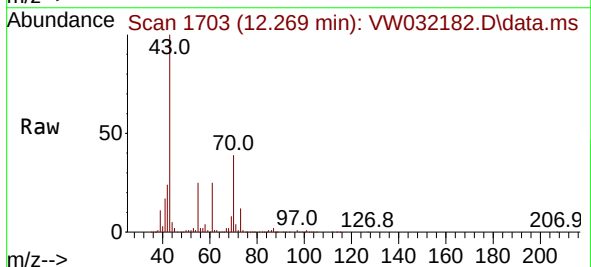
Instrument :
MSVOA_W
ClientSampleId :

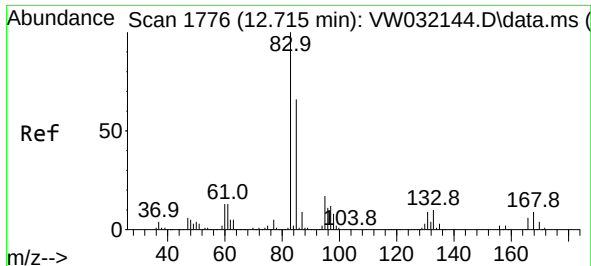
Tgt Ion:105 Resp: 219284
Ion Ratio Lower Upper
105 100
120 27.4 13.0 38.9



#74
N-ethyl acetate
Concen: 21.401 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 43 Resp: 69558
Ion Ratio Lower Upper
43 100
70 41.5 35.3 52.9
55 26.2 19.9 29.9
61 22.4 19.6 29.4

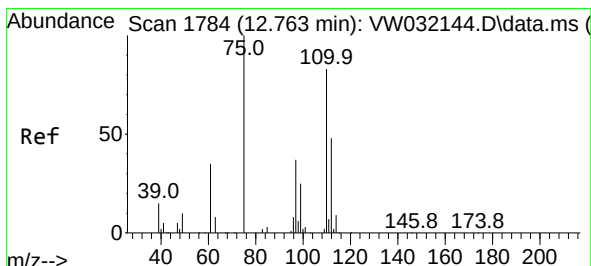
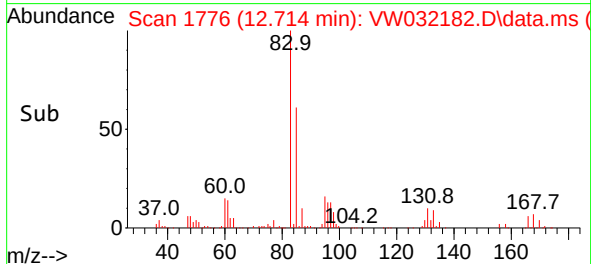
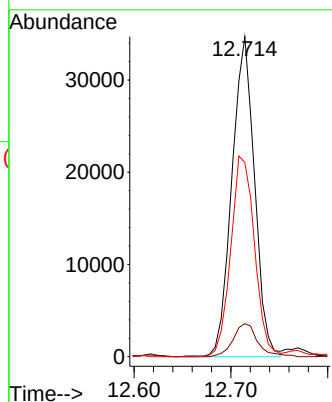
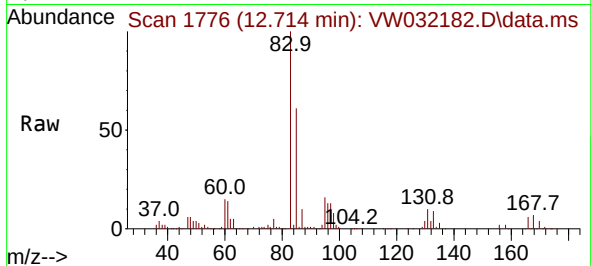




#75
1,1,2-Tetrachloroethane
Concen: 21.250 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

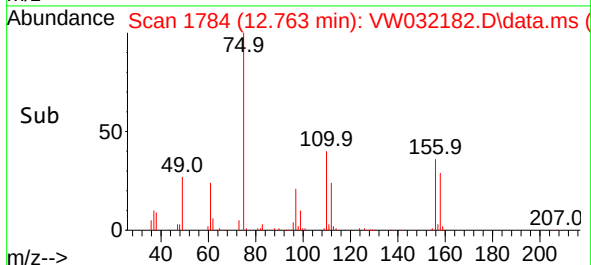
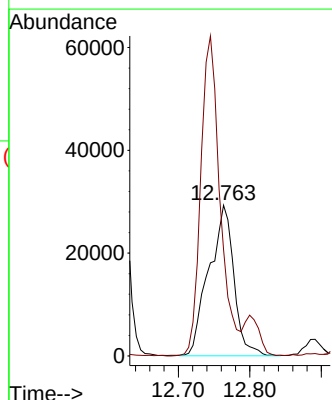
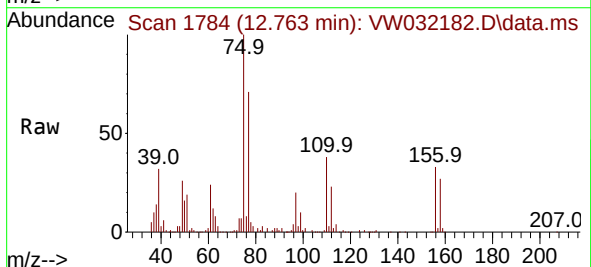
Instrument :
MSVOA_W
ClientSampleId :

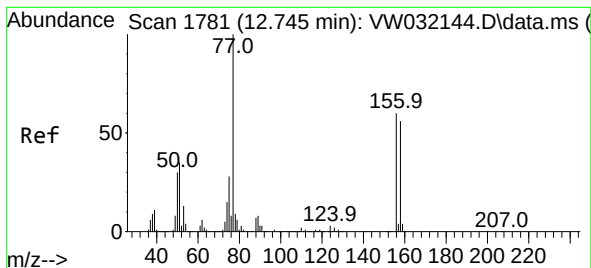
Tgt Ion: 83 Resp: 56536
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.4
85 65.6 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 34.450 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 75 Resp: 71121
Ion Ratio Lower Upper
75 100
77 165.0 141.7 425.1





#77

Bromobenzene

Concen: 20.257 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032182.D

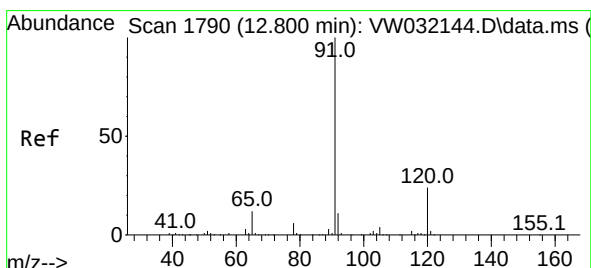
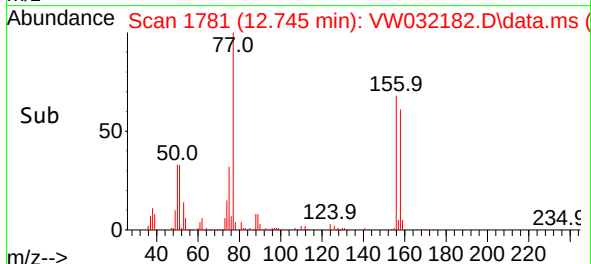
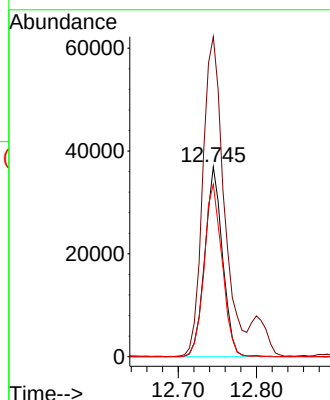
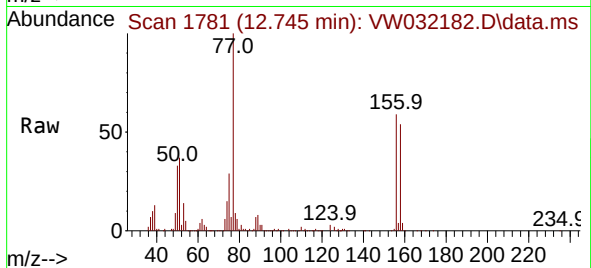
Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	156	Resp:	57830
Ion Ratio	Lower	Upper	
156	100		
77	202.9	98.6	295.7
158	92.5	48.4	145.0



#78

n-propylbenzene

Concen: 20.967 ug/l

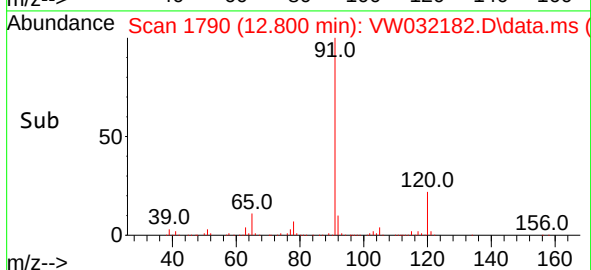
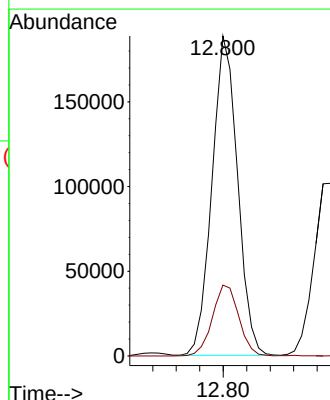
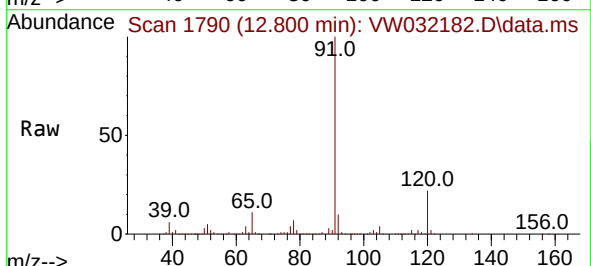
RT: 12.800 min Scan# 1790

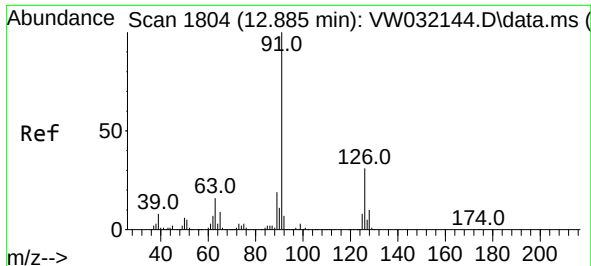
Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Tgt Ion:	91	Resp:	284978
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.8	35.4





#79

2-Chlorotoluene

Concen: 20.647 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

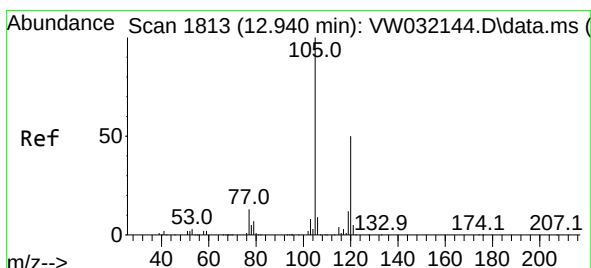
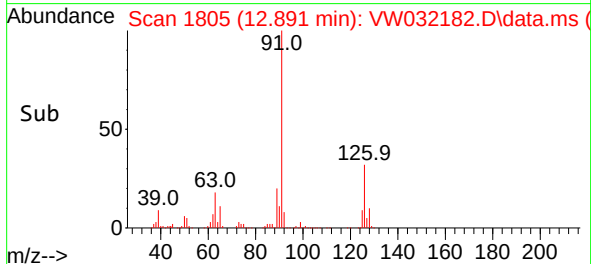
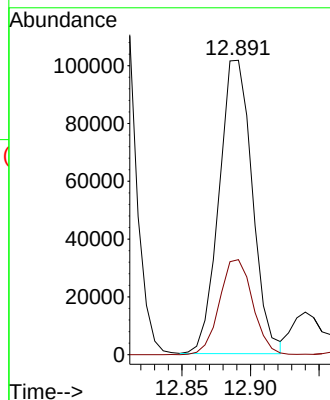
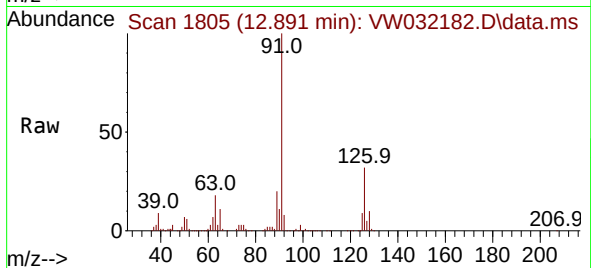
ClientSampleId :

Tgt Ion: 91 Resp: 171606

Ion Ratio Lower Upper

91 100

126 32.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.393 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032182.D

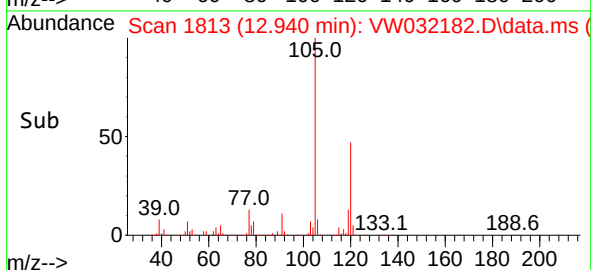
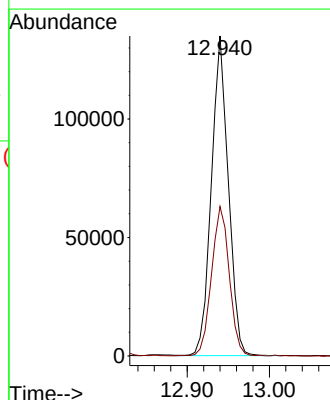
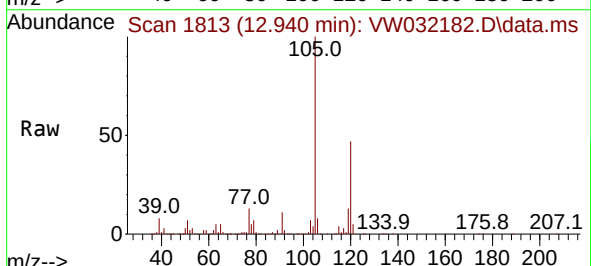
Acq: 17 Sep 2025 12:03

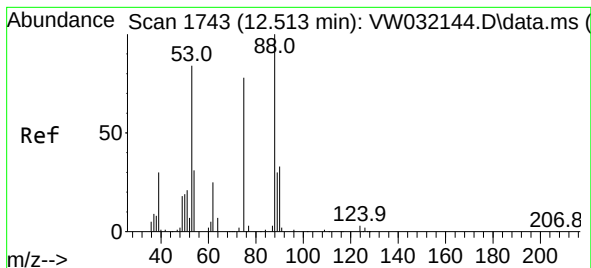
Tgt Ion:105 Resp: 193289

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

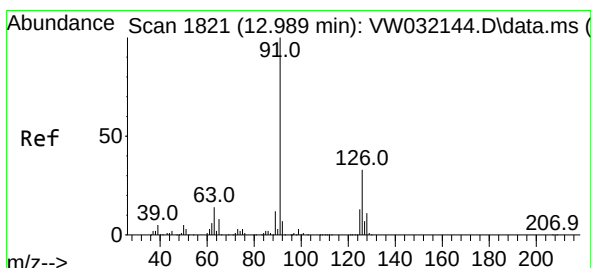
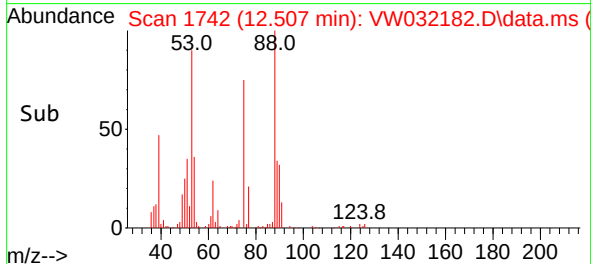
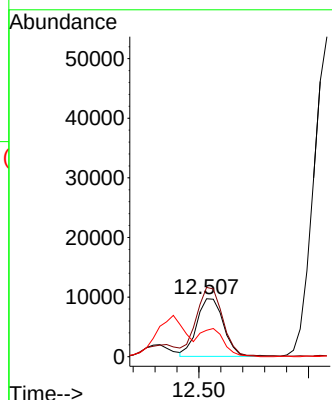
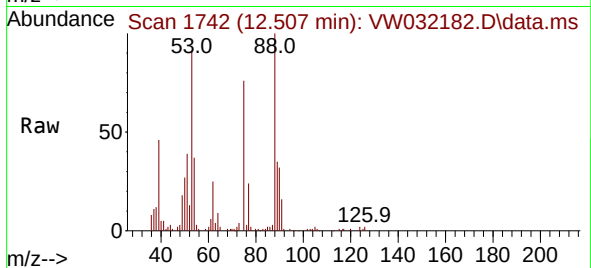




#81
trans-1,4-Dichloro-2-butene
Concen: 21.225 ug/l
RT: 12.507 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

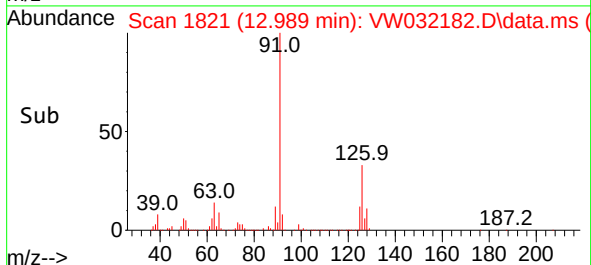
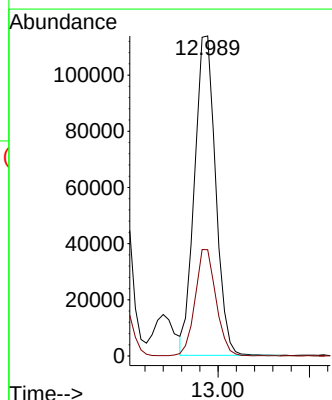
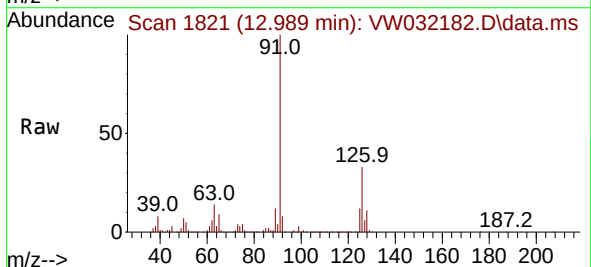
Instrument :
MSVOA_W
ClientSampleId :

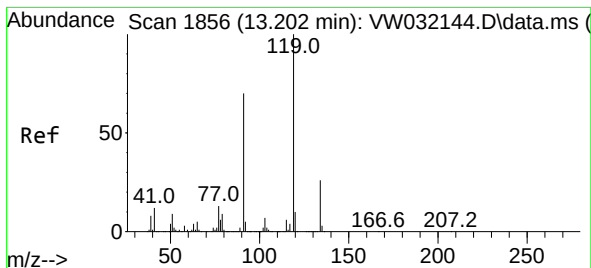
Tgt Ion: 75 Resp: 16274
Ion Ratio Lower Upper
75 100
53 119.3 91.0 136.6
89 44.5 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.493 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 91 Resp: 182320
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2

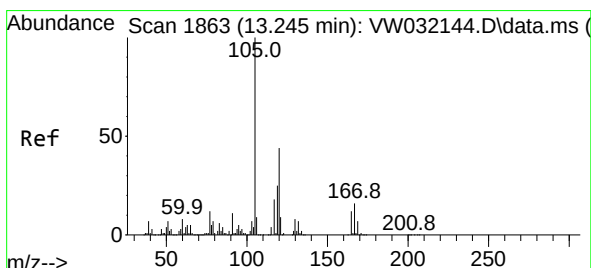
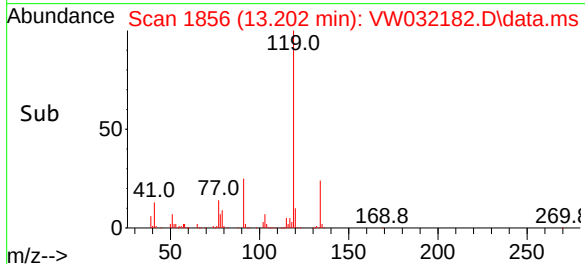
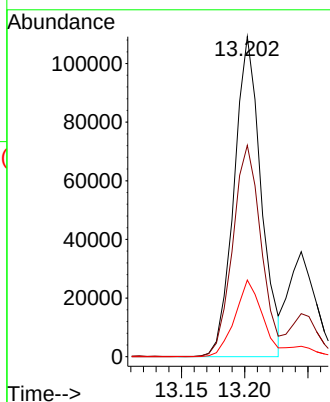
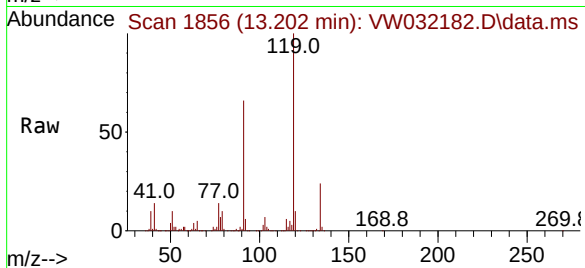




#83
tert-Butylbenzene
Concen: 20.248 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

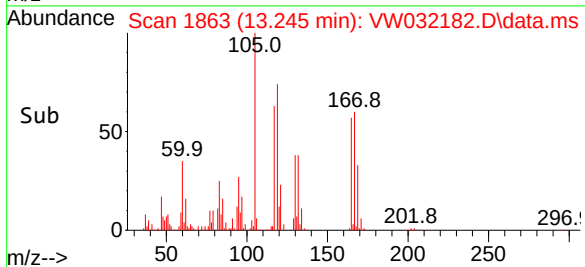
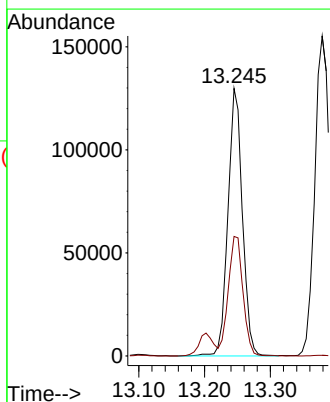
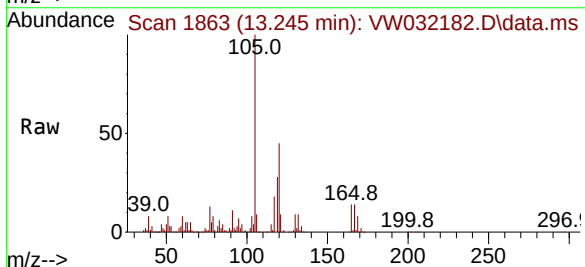
Instrument :
MSVOA_W
ClientSampleId :

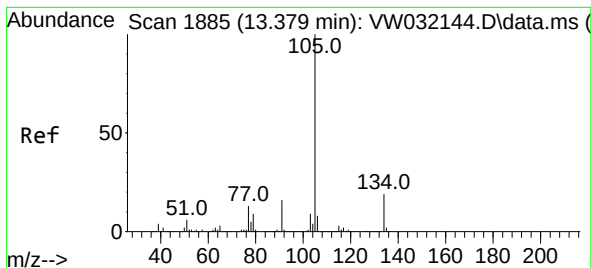
Tgt Ion:119 Resp: 162725
Ion Ratio Lower Upper
119 100
91 70.6 33.8 101.3
134 24.7 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.228 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion:105 Resp: 198363
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.595 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

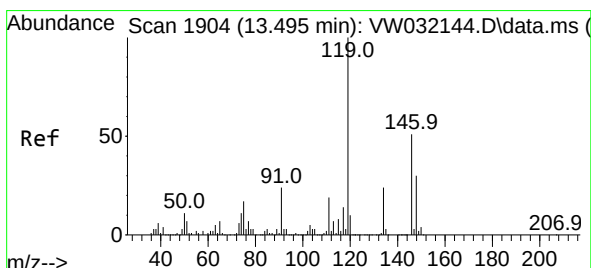
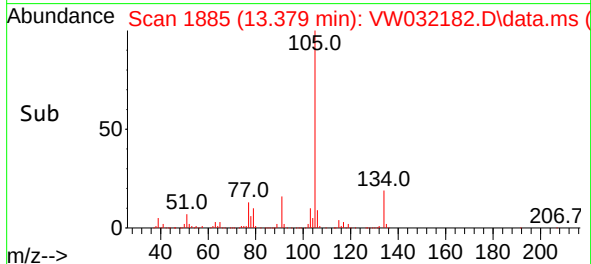
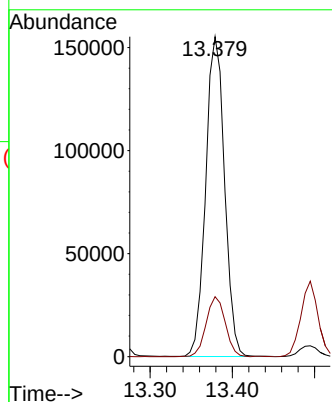
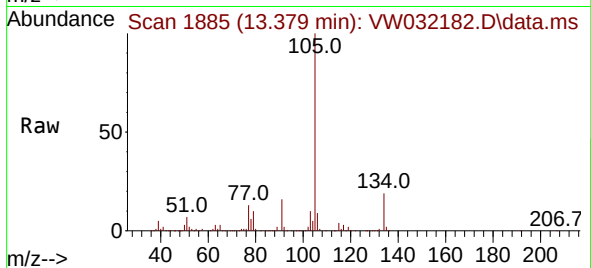
ClientSampleId :

Tgt Ion:105 Resp: 247124

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.599 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

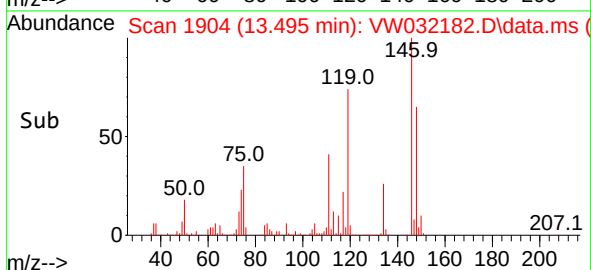
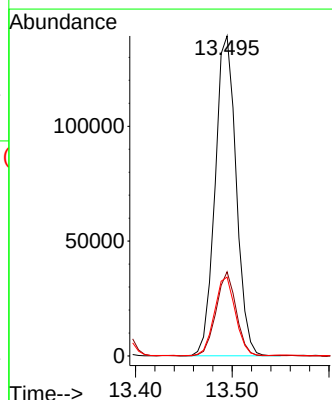
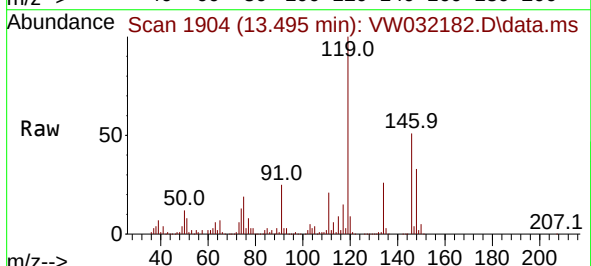
Tgt Ion:119 Resp: 210194

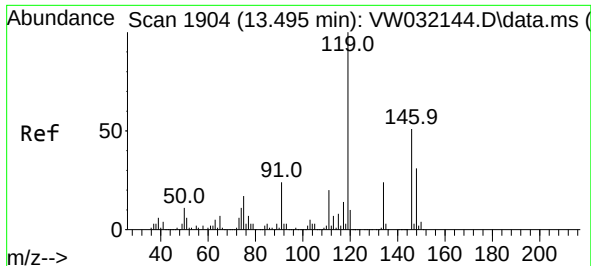
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.094 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

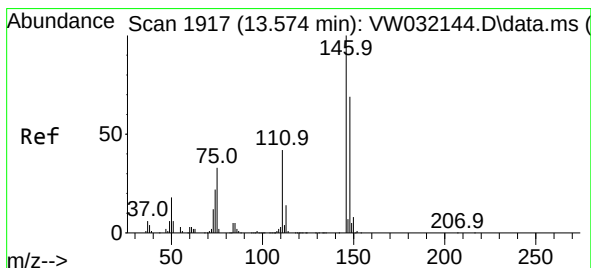
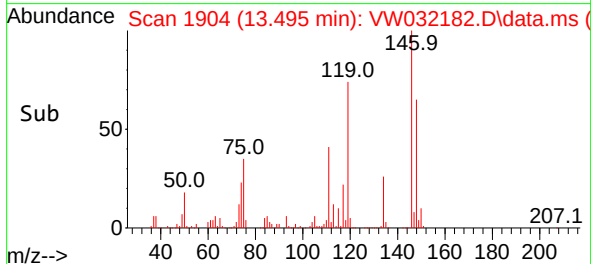
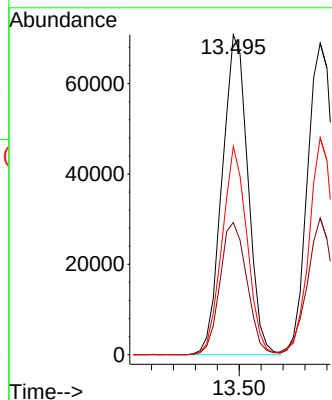
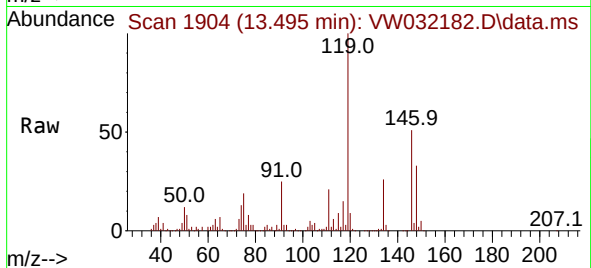
Tgt Ion:146 Resp: 115501

Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.9

148 63.2 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.230 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

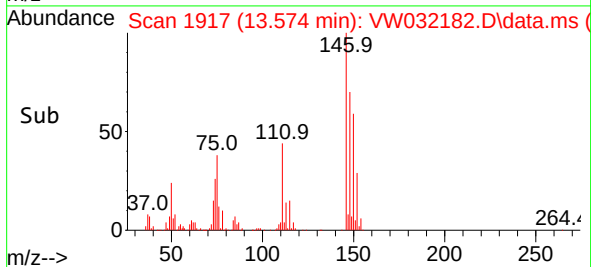
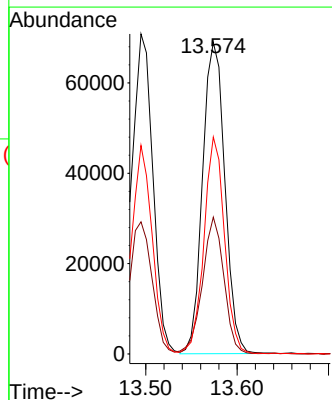
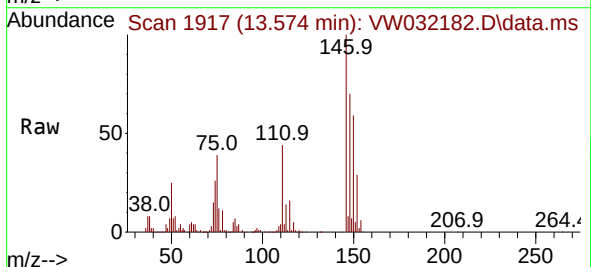
Tgt Ion:146 Resp: 116558

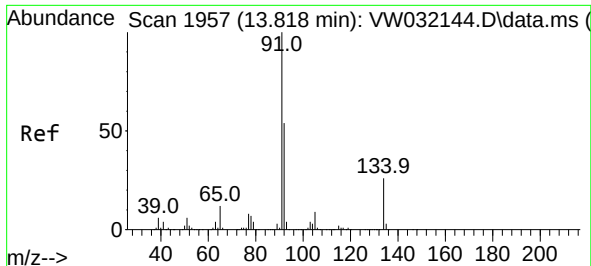
Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.7

148 64.0 33.4 100.1

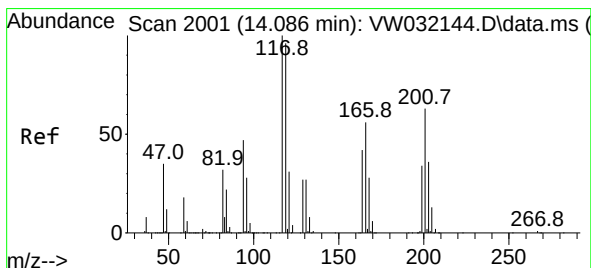
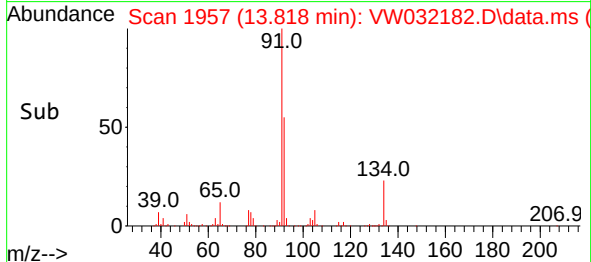
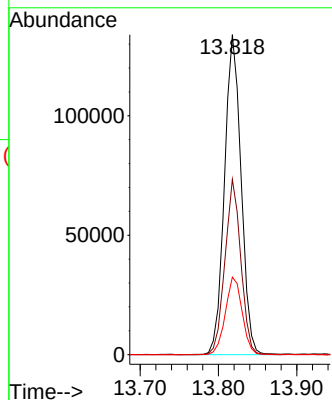
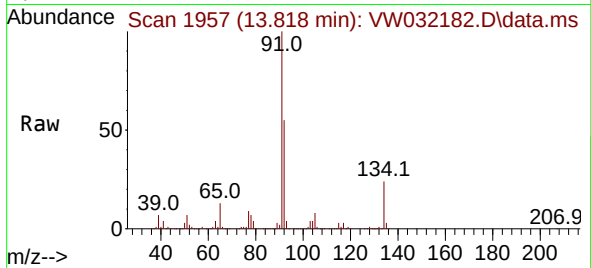




#89
n-Butylbenzene
Concen: 20.356 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

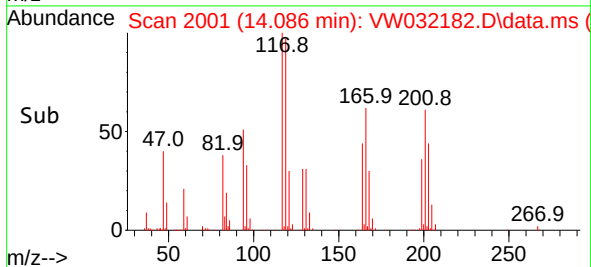
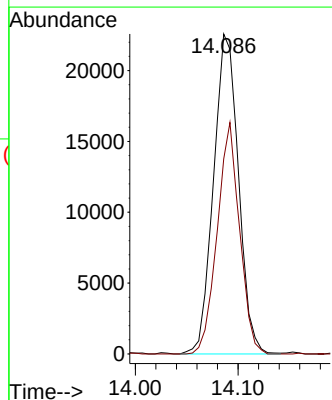
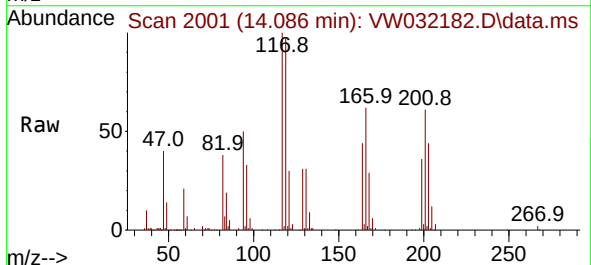
Instrument :
MSVOA_W
ClientSampleId :

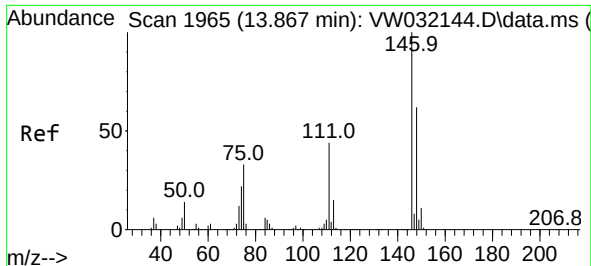
Tgt Ion: 91 Resp: 198034
Ion Ratio Lower Upper
91 100
92 52.4 27.0 81.0
134 24.5 13.1 39.3



#90
Hexachloroethane
Concen: 20.392 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032182.D
Acq: 17 Sep 2025 12:03

Tgt Ion: 117 Resp: 38062
Ion Ratio Lower Upper
117 100
201 64.7 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 21.159 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

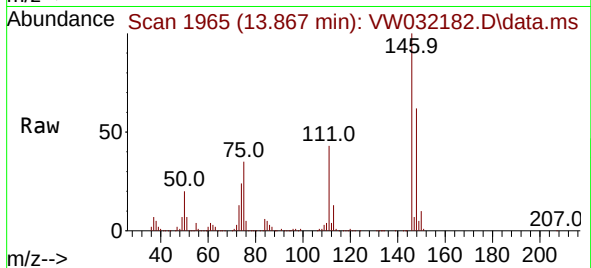
Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :



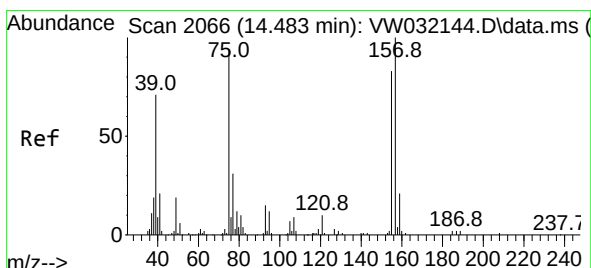
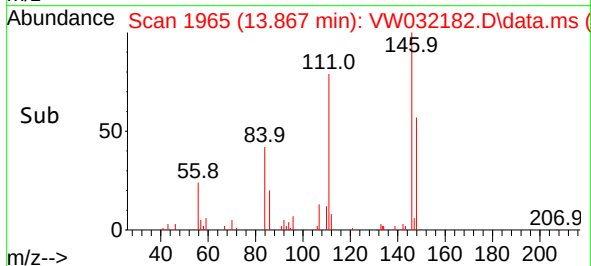
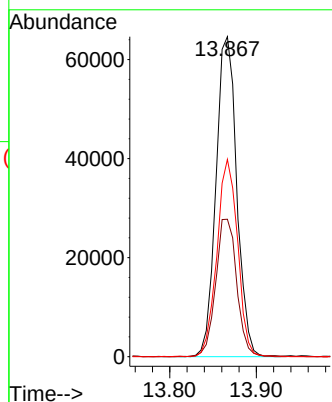
Tgt Ion:146 Resp: 107681

Ion Ratio Lower Upper

146 100

111 43.5 23.4 70.0

148 61.5 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.350 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

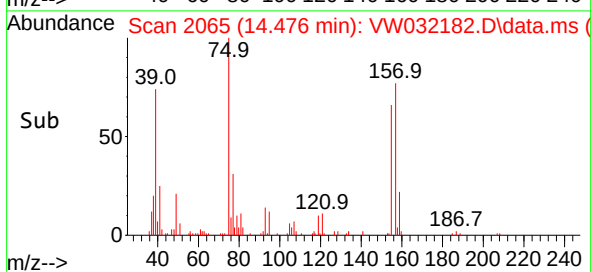
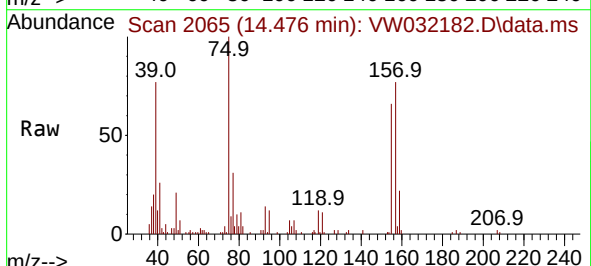
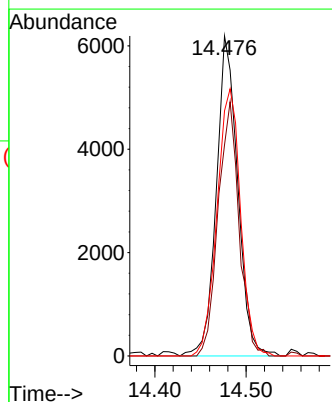
Tgt Ion: 75 Resp: 10035

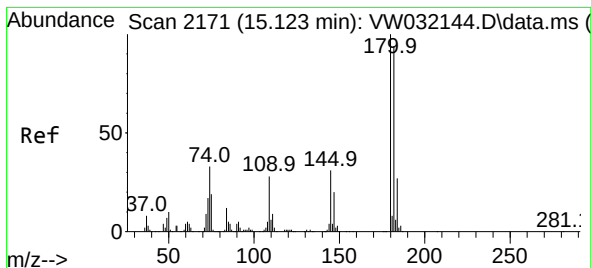
Ion Ratio Lower Upper

75 100

155 78.3 40.8 122.5

157 92.0 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.169 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

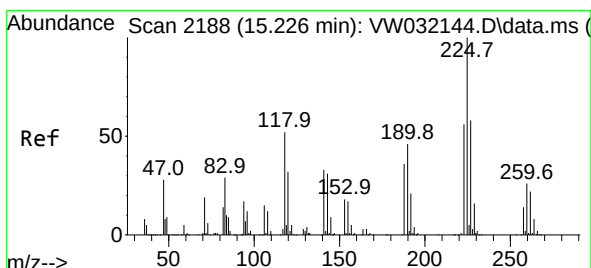
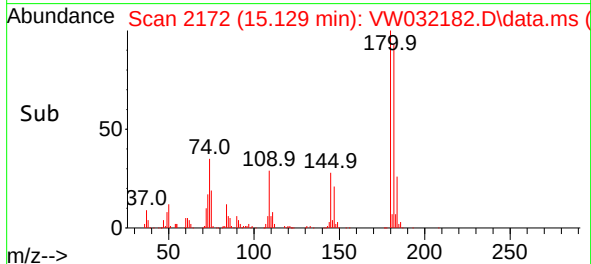
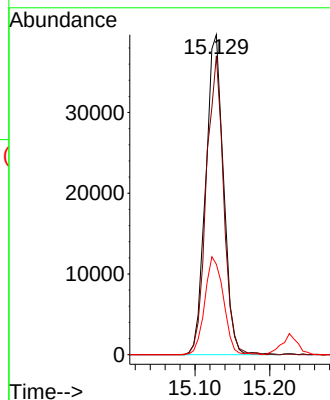
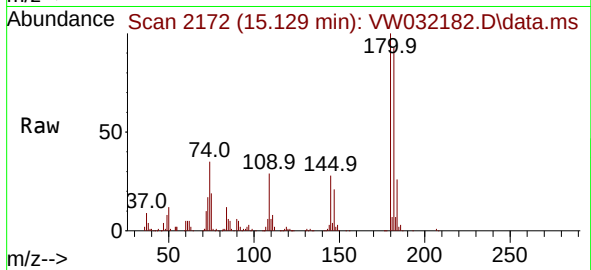
Tgt Ion:180 Resp: 65581

Ion Ratio Lower Upper

180 100

182 90.4 47.4 142.2

145 32.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.156 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

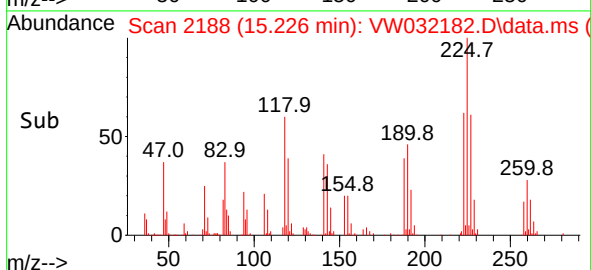
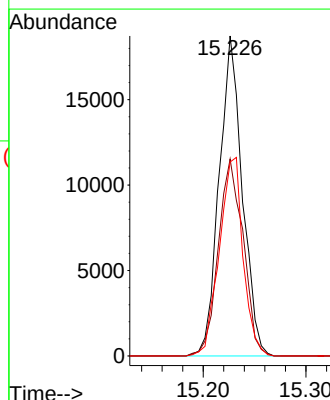
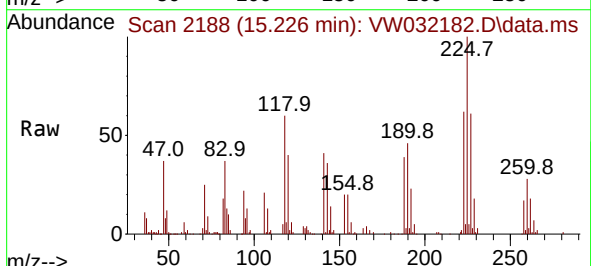
Tgt Ion:225 Resp: 29279

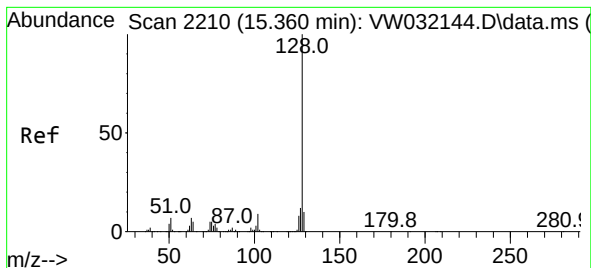
Ion Ratio Lower Upper

225 100

223 66.0 29.8 89.3

227 63.7 30.5 91.5





#95

Naphthalene

Concen: 19.459 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

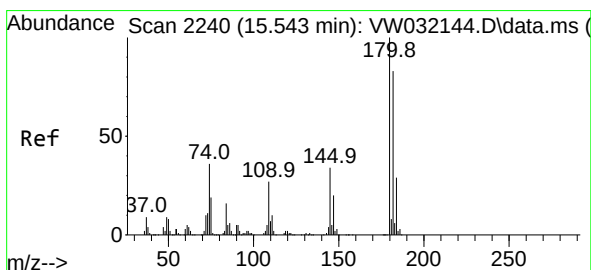
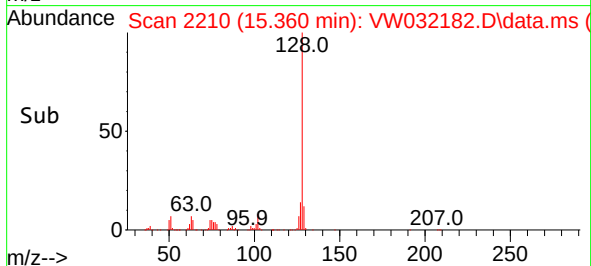
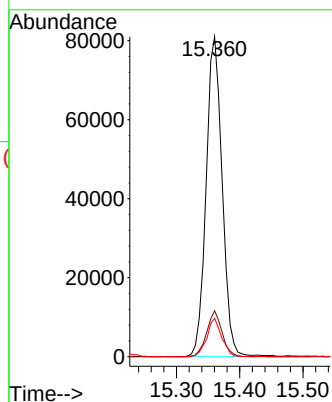
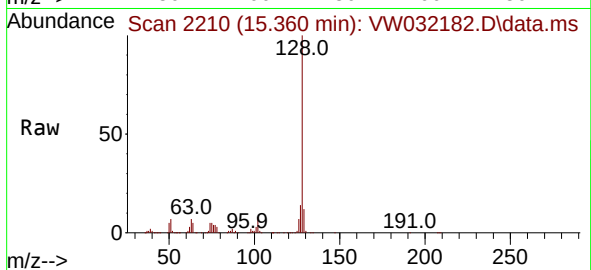
Tgt Ion:128 Resp: 143190

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.266 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032182.D

Acq: 17 Sep 2025 12:03

Tgt Ion:180 Resp: 58260

Ion Ratio Lower Upper

180 100

182 91.1 47.7 143.1

145 34.9 17.2 51.6

