

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100225\
 Data File : VW032324.D
 Acq On : 02 Oct 2025 11:48
 Operator : SY/MD
 Sample : VW1002SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:34:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	277189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	526280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	484324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	242228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	211135	52.223	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.440%	
35) Dibromofluoromethane	7.904	113	170671	50.076	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.160%	
50) Toluene-d8	10.325	98	651567	51.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.617	95	244879	51.505	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	35292	20.290	ug/l	96
3) Chloromethane	2.253	50	57316	21.355	ug/l	98
4) Vinyl Chloride	2.399	62	72814	22.724	ug/l	96
5) Bromomethane	2.814	94	52196	22.167	ug/l	96
6) Chloroethane	2.966	64	44092	20.842	ug/l	100
7) Trichlorofluoromethane	3.302	101	50494	21.047	ug/l	99
8) Diethyl Ether	3.716	74	47688	22.939	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.094	101	63532	22.078	ug/l	93
10) Methyl Iodide	4.301	142	91243	22.223	ug/l	99
11) Tert butyl alcohol	5.204	59	39544	129.218	ug/l #	92
12) 1,1-Dichloroethene	4.076	96	69815	22.348	ug/l	96
13) Acrolein	3.930	56	57342	115.454	ug/l	100
14) Allyl chloride	4.698	41	116506	22.080	ug/l	88
15) Acrylonitrile	5.393	53	115025	106.355	ug/l	99
16) Acetone	4.161	43	133233	119.014	ug/l	99
17) Carbon Disulfide	4.417	76	190217	22.316	ug/l	100
18) Methyl Acetate	4.704	43	61526	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	134195	21.810	ug/l	95
20) Methylene Chloride	4.954	84	108542	26.810	ug/l	93
21) trans-1,2-Dichloroethene	5.460	96	74880	21.650	ug/l	98
22) Diisopropyl ether	6.338	45	244001	22.235	ug/l	95
23) Vinyl Acetate	6.277	43	800452	109.207	ug/l	99
24) 1,1-Dichloroethane	6.240	63	142157	21.323	ug/l	99
25) 2-Butanone	7.191	43	167396	109.792	ug/l	99
26) 2,2-Dichloropropane	7.185	77	80170	23.509	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	87523	21.064	ug/l	92
28) Bromochloromethane	7.533	49	67354	21.473	ug/l	89
29) Tetrahydrofuran	7.551	42	101272	105.622	ug/l	93
30) Chloroform	7.691	83	146855	21.720	ug/l	99
31) Cyclohexane	7.971	56	120796	21.224	ug/l	91
32) 1,1,1-Trichloroethane	7.886	97	107635	22.465	ug/l	99
36) 1,1-Dichloropropene	8.093	75	102563	21.323	ug/l	98
37) Ethyl Acetate	7.270	43	66109	20.649	ug/l	99
38) Carbon Tetrachloride	8.081	117	95980	21.205	ug/l	98
39) Methylcyclohexane	9.343	83	120270	20.729	ug/l	91
40) Benzene	8.337	78	312244	20.710	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	33699	19.531	ug/l	96
42) 1,2-Dichloroethane	8.410	62	104017	21.085	ug/l	99
43) Isopropyl Acetate	8.435	43	116950	20.591	ug/l	99
44) Trichloroethene	9.099	130	73487	20.816	ug/l	87
45) 1,2-Dichloropropane	9.374	63	77793	20.672	ug/l	100
46) Dibromomethane	9.465	93	48642	21.020	ug/l	94
47) Bromodichloromethane	9.648	83	110045	20.791	ug/l	96
48) Methyl methacrylate	9.441	41	54863	19.868	ug/l #	91
49) 1,4-Dioxane	9.465	88	12438	393.244	ug/l	88
51) 4-Methyl-2-Pentanone	10.215	43	343882	104.535	ug/l	99
52) Toluene	10.392	92	200400	21.344	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	104350	20.322	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	122595	20.727	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	64240	20.771	ug/l	97
56) Ethyl methacrylate	10.648	69	89602	20.698	ug/l #	94
57) 1,3-Dichloropropane	10.934	76	114000	20.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	218251	94.732	ug/l	96
59) 2-Hexanone	10.971	43	248183	106.970	ug/l	98
60) Dibromochloromethane	11.129	129	71782	20.440	ug/l	96
61) 1,2-Dibromoethane	11.239	107	63584	21.084	ug/l	100
64) Tetrachloroethene	10.867	164	58875	20.315	ug/l	92
65) Chlorobenzene	11.654	112	220087	20.653	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	68197	20.547	ug/l	99
67) Ethyl Benzene	11.727	91	368398	20.740	ug/l	99
68) m/p-Xylenes	11.837	106	281970	41.166	ug/l	98
69) o-Xylene	12.166	106	133223	20.798	ug/l	98
70) Styrene	12.178	104	231753	20.723	ug/l	99
71) Bromoform	12.349	173	39869	20.956	ug/l #	93
73) Isopropylbenzene	12.458	105	331142	19.982	ug/l	99
74) N-amyl acetate	12.270	43	106443	20.134	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	83489	20.290	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	101915	31.972	ug/l	43
77) Bromobenzene	12.745	156	80252	20.089	ug/l	88
78) n-propylbenzene	12.800	91	429786	20.762	ug/l	98
79) 2-Chlorotoluene	12.891	91	258238	20.402	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	292453	20.409	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	24970	19.844	ug/l	96
82) 4-Chlorotoluene	12.983	91	275242	20.454	ug/l	98
83) tert-Butylbenzene	13.202	119	245859	20.911	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	292513	20.075	ug/l	99
85) sec-Butylbenzene	13.379	105	366744	20.411	ug/l	99
86) p-Isopropyltoluene	13.495	119	299340	20.078	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	165842	20.502	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	159923	19.772	ug/l	96
89) n-Butylbenzene	13.818	91	291226	20.007	ug/l	99
90) Hexachloroethane	14.086	117	53135	19.884	ug/l	96
91) 1,2-Dichlorobenzene	13.861	146	144371	19.744	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14103	19.575	ug/l	89
93) 1,2,4-Trichlorobenzene	15.129	180	87719	20.005	ug/l	97
94) Hexachlorobutadiene	15.232	225	37751	18.831	ug/l	92
95) Naphthalene	15.360	128	209580	19.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	82423	19.943	ug/l	93

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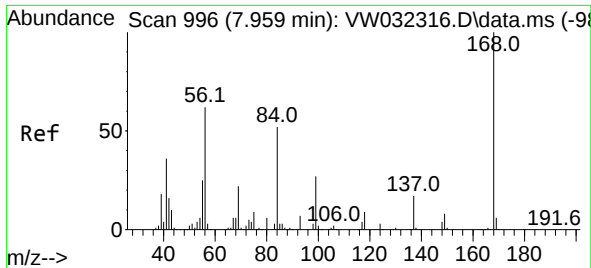
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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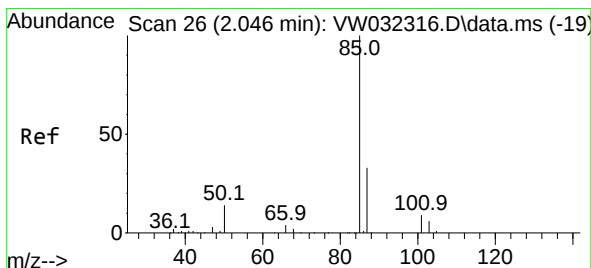
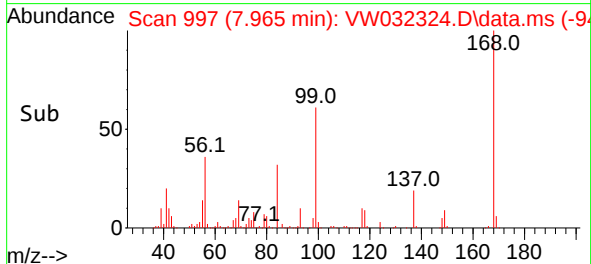
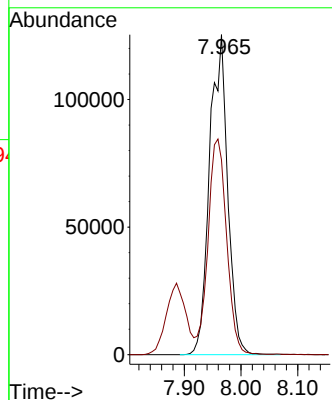
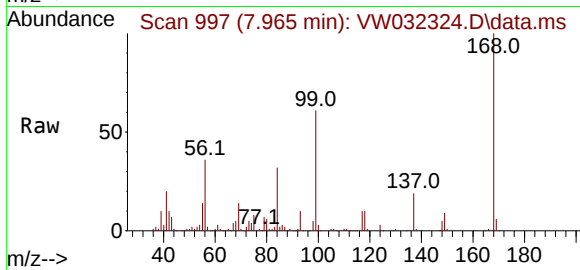




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

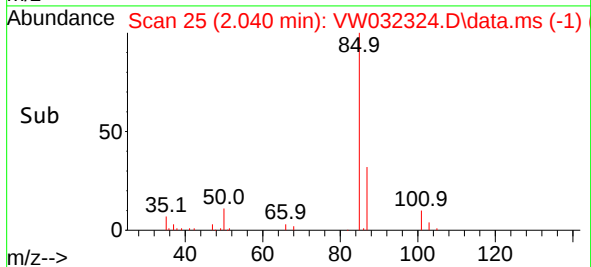
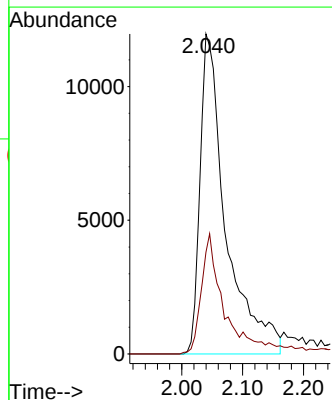
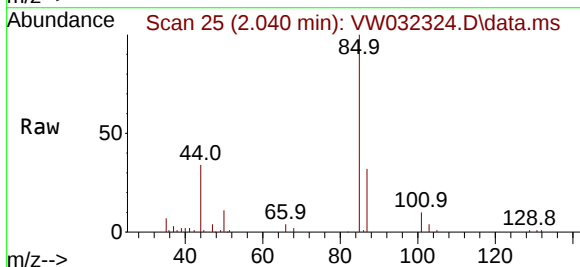
Instrument :
MSVOA_W
ClientSampleId :

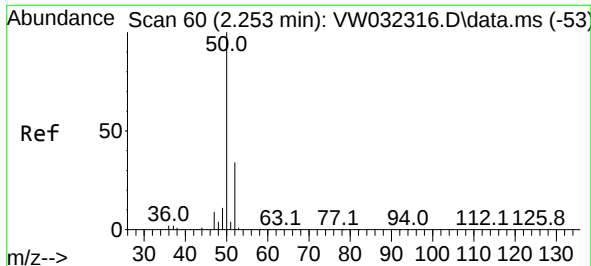
Tgt Ion:168 Resp: 277189
Ion Ratio Lower Upper
168 100
99 60.7 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 20.290 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 85 Resp: 35292
Ion Ratio Lower Upper
85 100
87 31.8 17.2 51.6

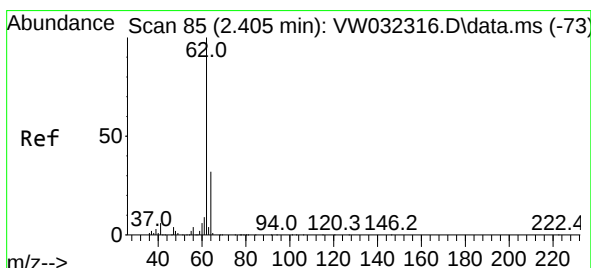
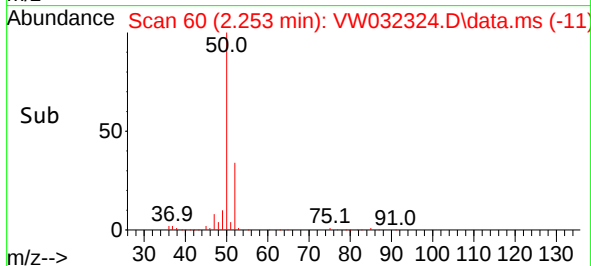
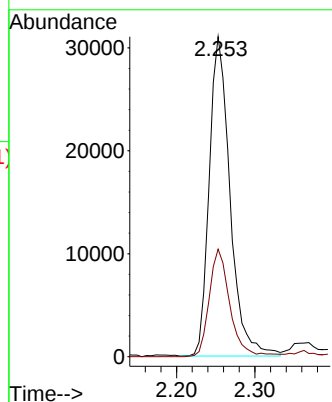
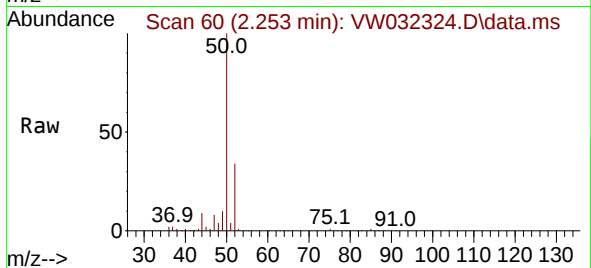




#3
Chloromethane
Concen: 21.355 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

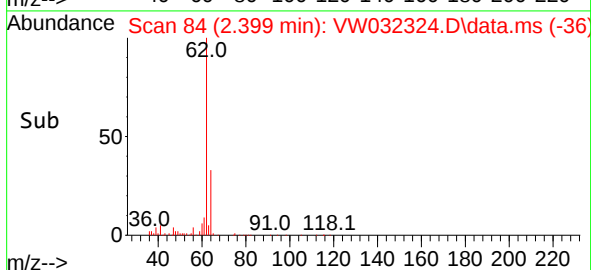
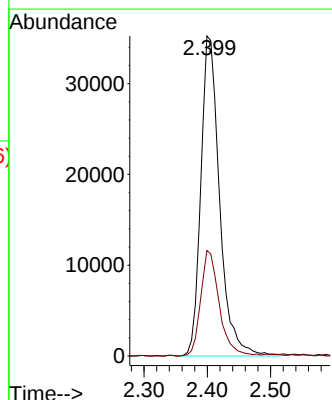
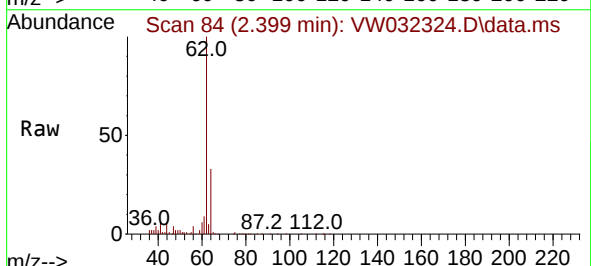
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ClientSampleId :

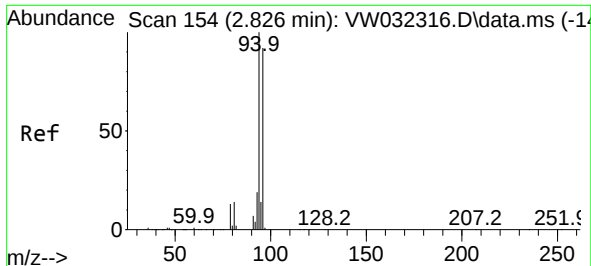
Tgt Ion: 50 Resp: 57316
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1



#4
Vinyl Chloride
Concen: 22.724 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 62 Resp: 72814
Ion Ratio Lower Upper
62 100
64 33.0 24.8 37.2

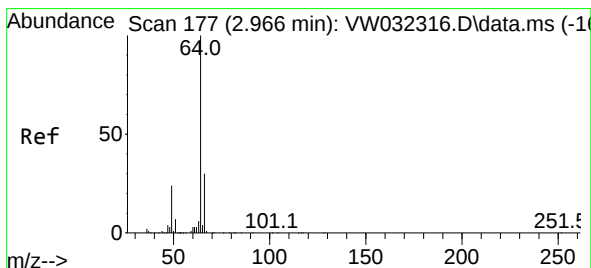
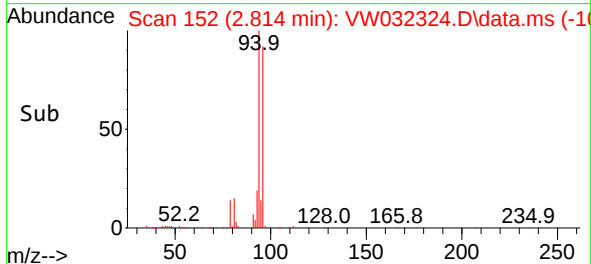
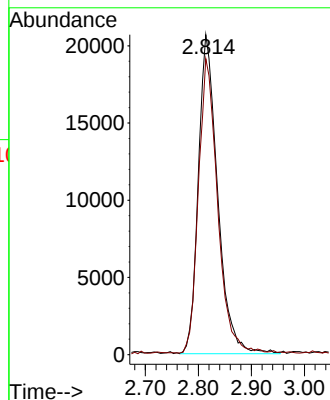
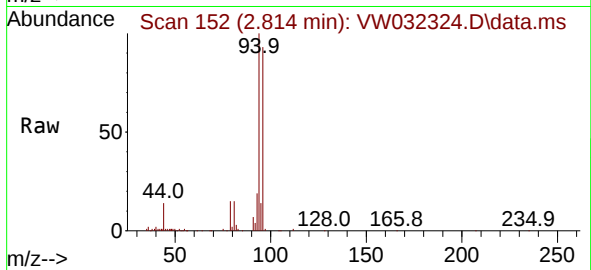




#5
Bromomethane
Concen: 22.167 ug/l
RT: 2.814 min Scan# 152
Delta R.T. -0.012 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

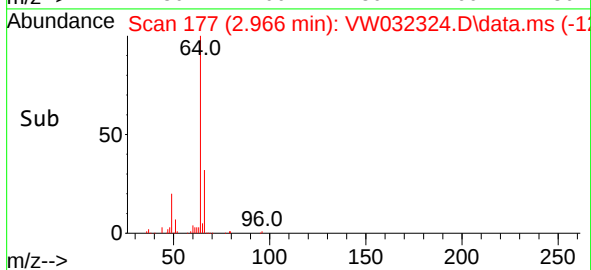
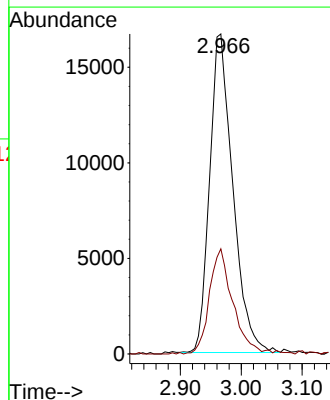
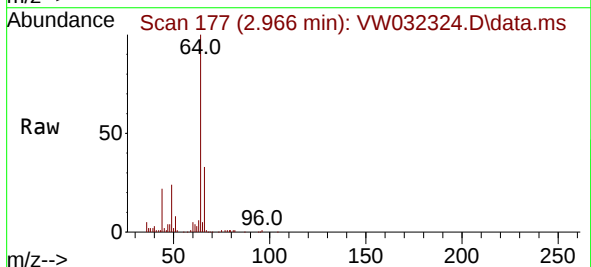
Instrument :
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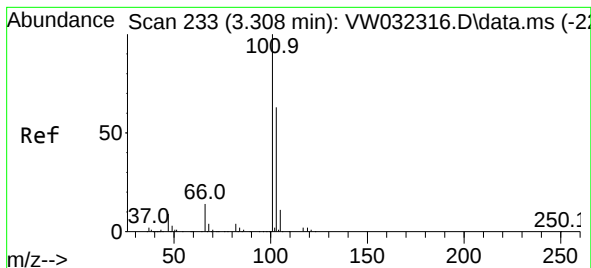
Tgt Ion: 94 Resp: 52196
Ion Ratio Lower Upper
94 100
96 92.3 76.6 115.0



#6
Chloroethane
Concen: 20.842 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 64 Resp: 44092
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7

Trichlorofluoromethane

Concen: 21.047 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

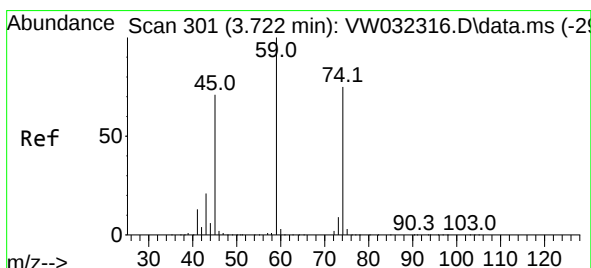
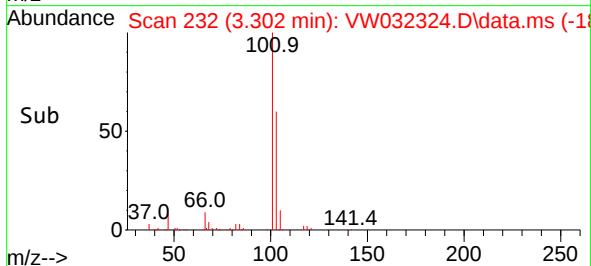
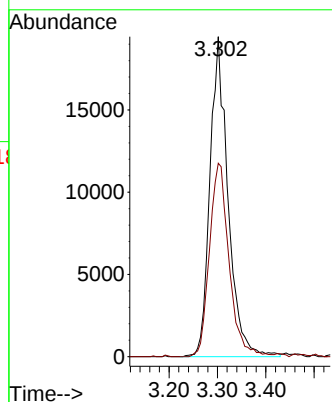
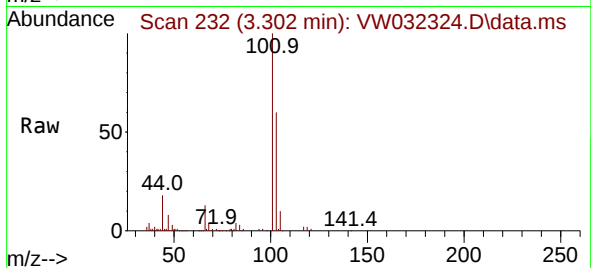
ClientSampleId :

Tgt Ion:101 Resp: 50494

Ion Ratio Lower Upper

101 100

103 60.5 47.8 71.8



#8

Diethyl Ether

Concen: 22.939 ug/l

RT: 3.716 min Scan# 300

Delta R.T. 0.000 min

Lab File: VW032324.D

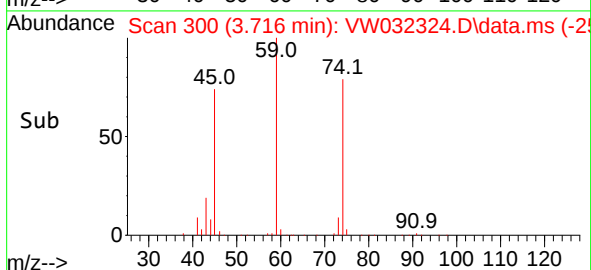
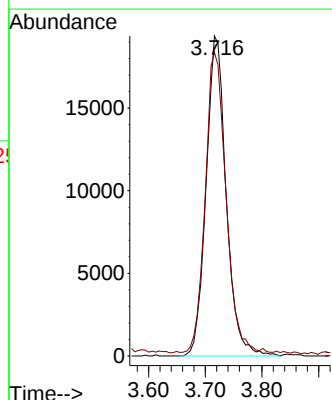
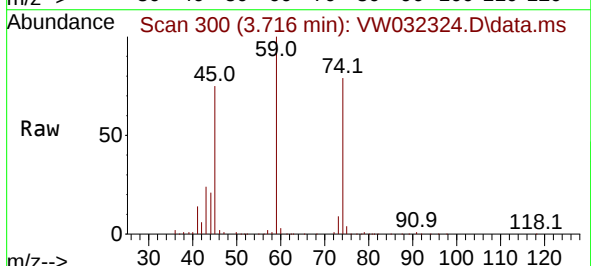
Acq: 02 Oct 2025 11:48

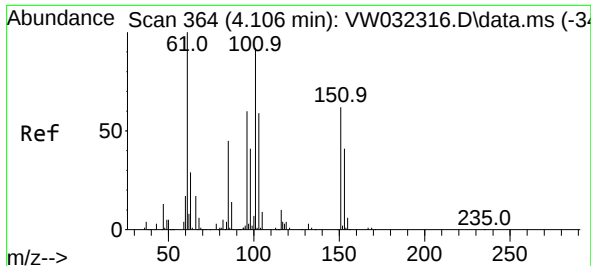
Tgt Ion: 74 Resp: 47688

Ion Ratio Lower Upper

74 100

45 96.3 43.1 129.4

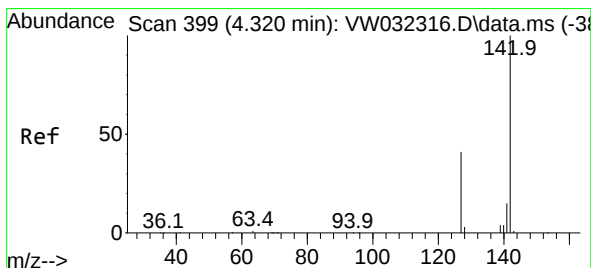
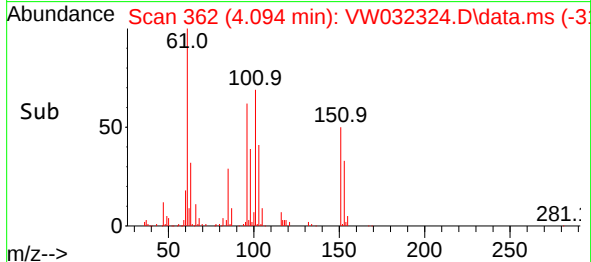
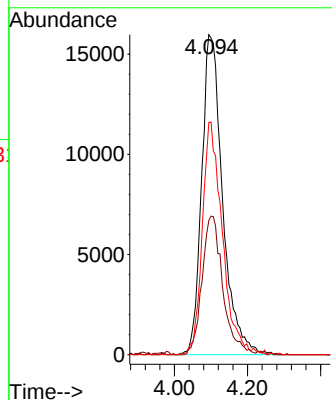
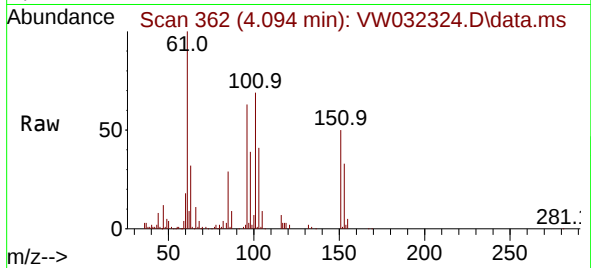




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.078 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW032324.D
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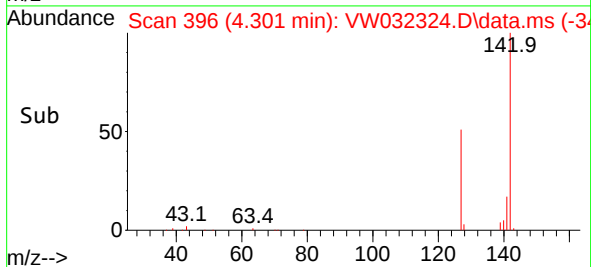
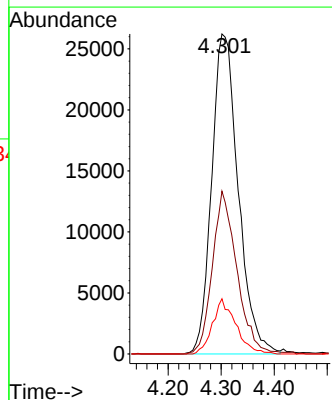
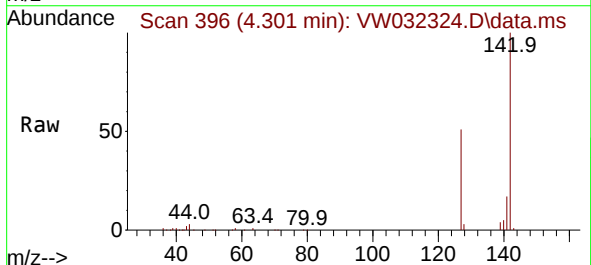
Instrument :
MSVOA_W
ClientSampleId :

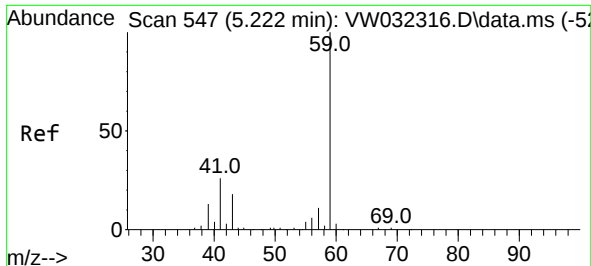
Tgt Ion:101 Resp: 63532
Ion Ratio Lower Upper
101 100
85 43.1 37.1 55.7
151 69.6 61.5 92.3



#10
Methyl Iodide
Concen: 22.223 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:142 Resp: 91243
Ion Ratio Lower Upper
142 100
127 46.9 38.2 57.2
141 15.1 12.2 18.2

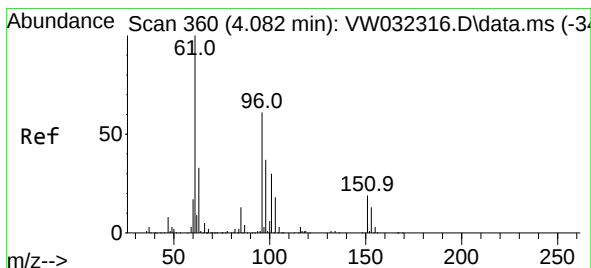
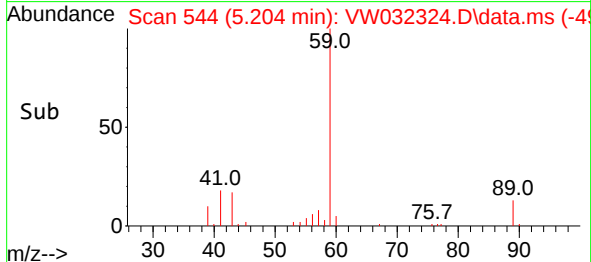
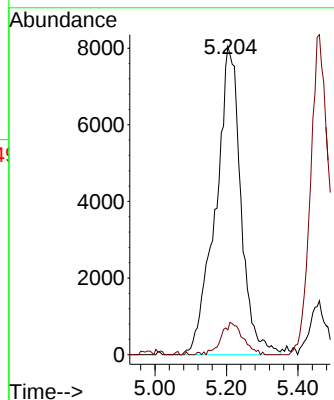
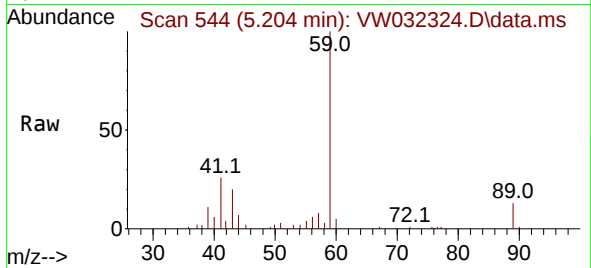




#11
Tert butyl alcohol
Concen: 129.218 ug/l
RT: 5.204 min Scan# 544
Delta R.T. -0.018 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

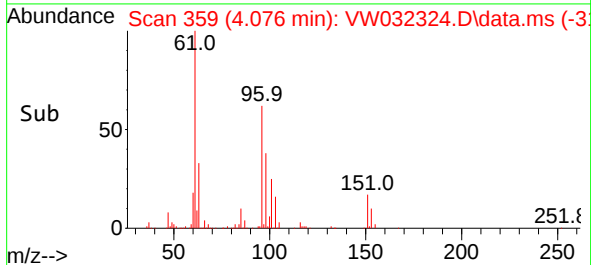
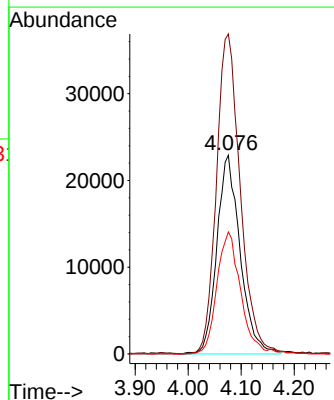
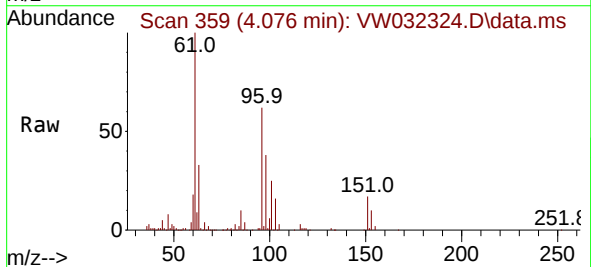
Instrument :
MSVOA_W
ClientSampleId :

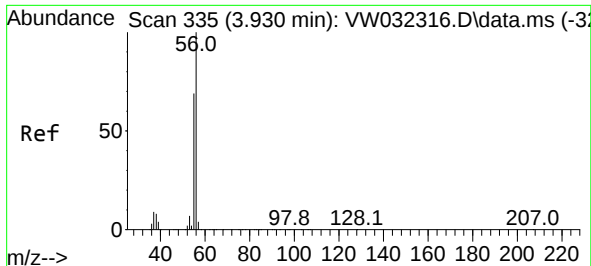
Tgt Ion: 59 Resp: 39544
Ion Ratio Lower Upper
59 100
57 9.0 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 22.348 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 96 Resp: 69815
Ion Ratio Lower Upper
96 100
61 161.0 123.0 184.4
98 61.5 48.5 72.7

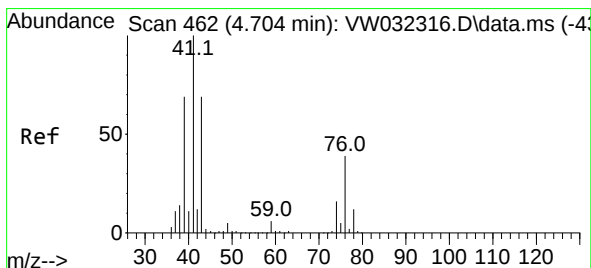
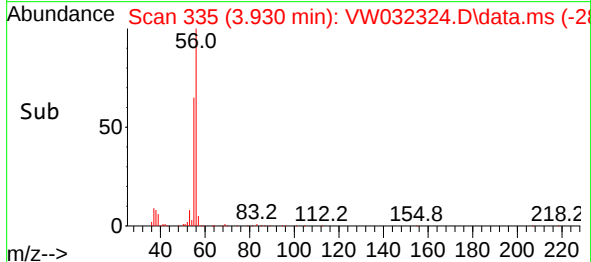
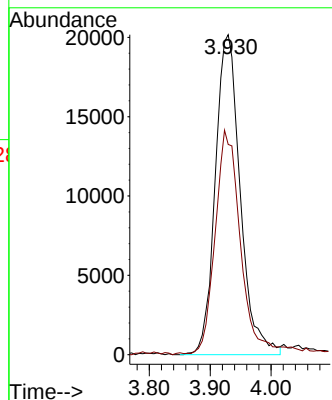
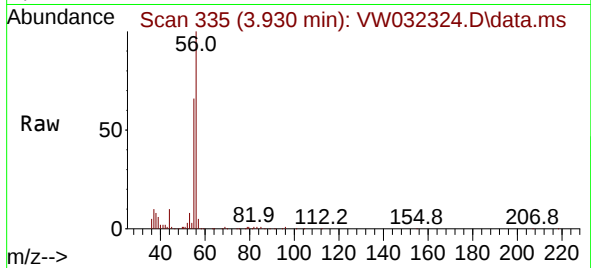




#13
Acrolein
Concen: 115.454 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

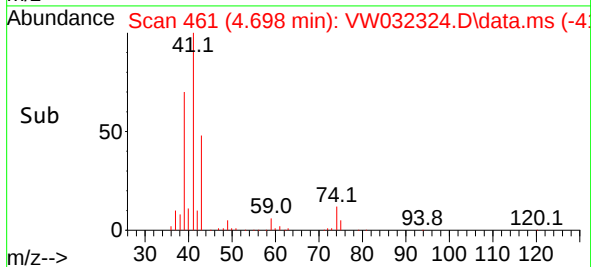
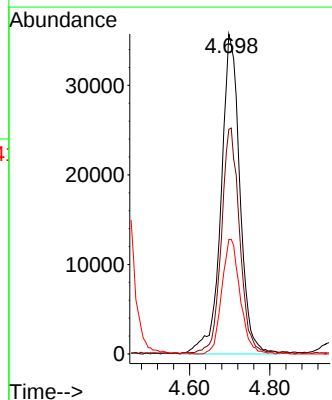
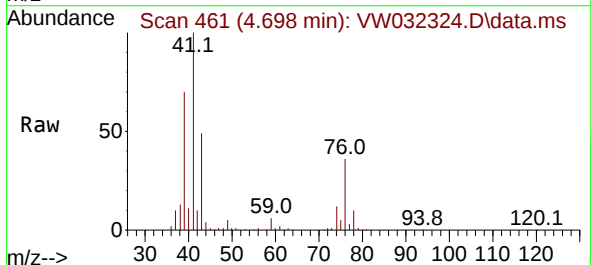
Instrument :
MSVOA_W
ClientSampleId :

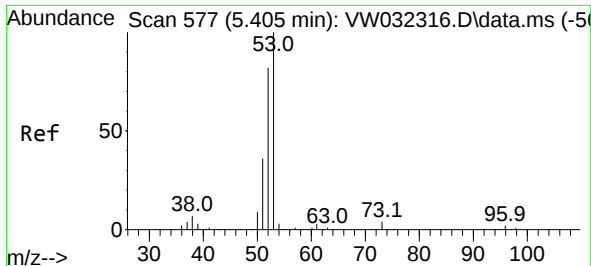
Tgt Ion: 56 Resp: 57342
Ion Ratio Lower Upper
56 100
55 70.8 56.4 84.6



#14
Allyl chloride
Concen: 22.080 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

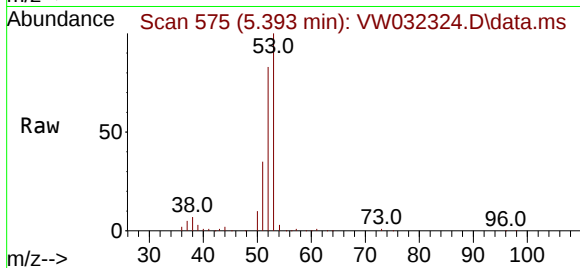
Tgt Ion: 41 Resp: 116506
Ion Ratio Lower Upper
41 100
39 68.0 64.1 96.1
76 34.9 31.4 47.2



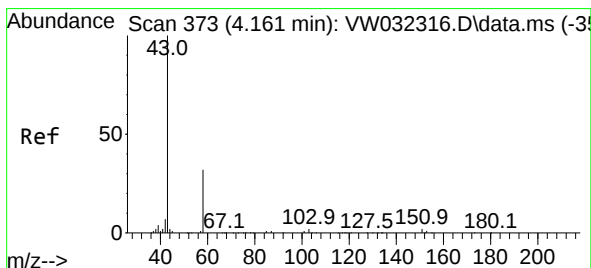
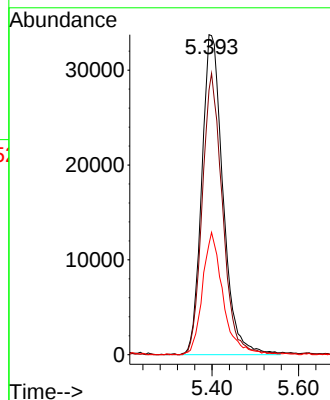
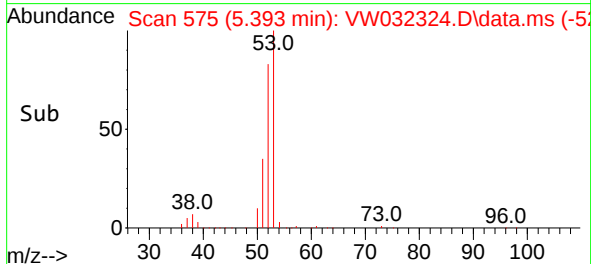


#15
Acrylonitrile
Concen: 106.355 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Instrument :
MSVOA_W
ClientSampleId :

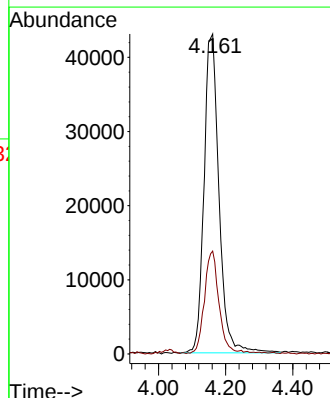
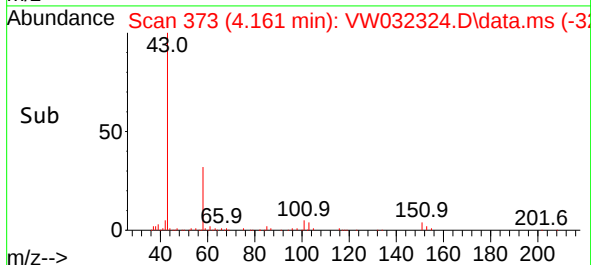
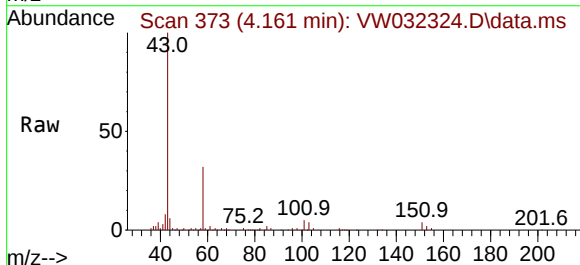


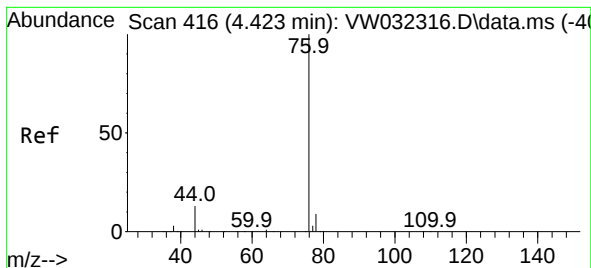
Tgt Ion: 53 Resp: 115025
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.2
51 37.0 30.3 45.5



#16
Acetone
Concen: 119.014 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 43 Resp: 133233
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9





#17

Carbon Disulfide

Concen: 22.316 ug/l

RT: 4.417 min Scan# 415

Delta R.T. -0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

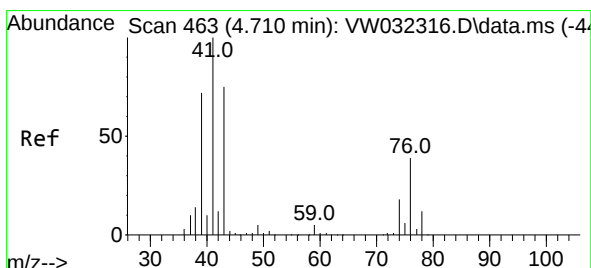
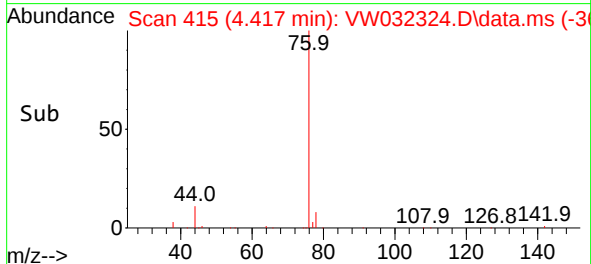
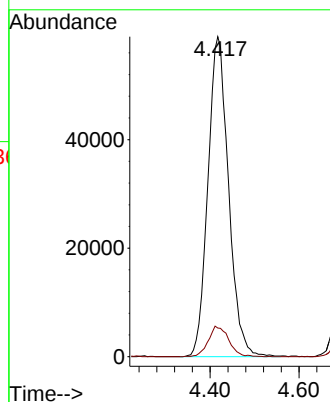
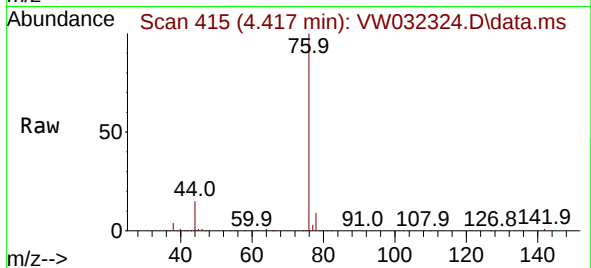
ClientSampleId :

Tgt Ion: 76 Resp: 190217

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 19.186 ug/l

RT: 4.704 min Scan# 462

Delta R.T. -0.006 min

Lab File: VW032324.D

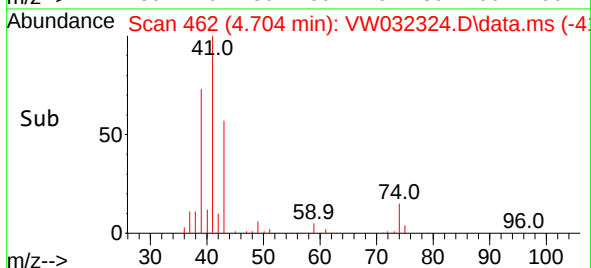
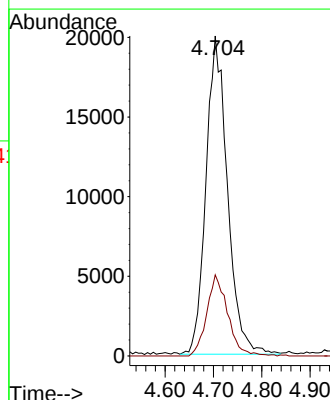
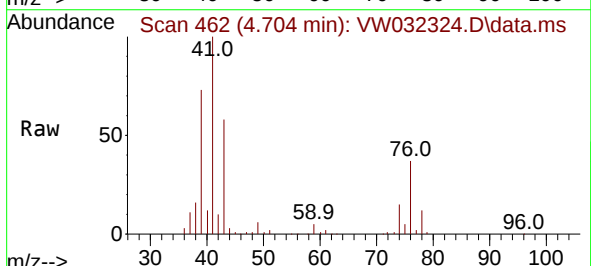
Acq: 02 Oct 2025 11:48

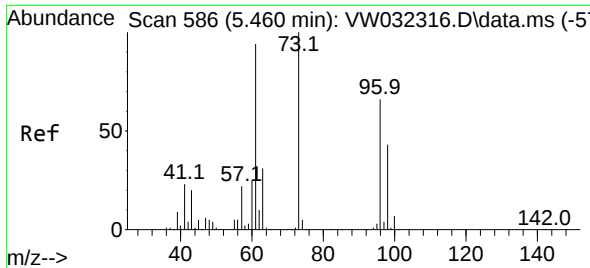
Tgt Ion: 43 Resp: 61526

Ion Ratio Lower Upper

43 100

74 25.0 20.2 30.4

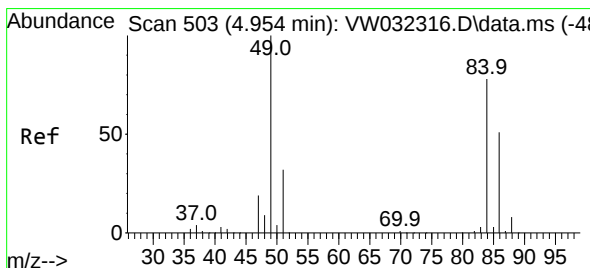
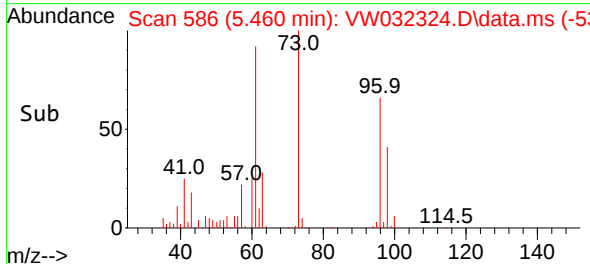
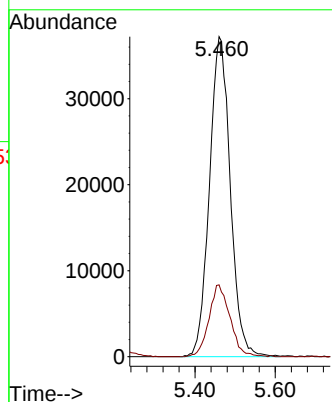
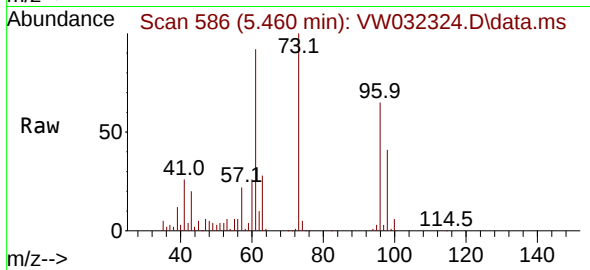




#19
Methyl tert-butyl Ether
Concen: 21.810 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

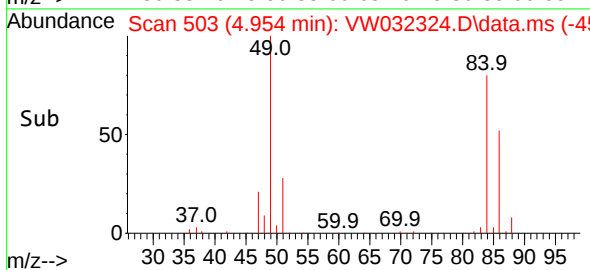
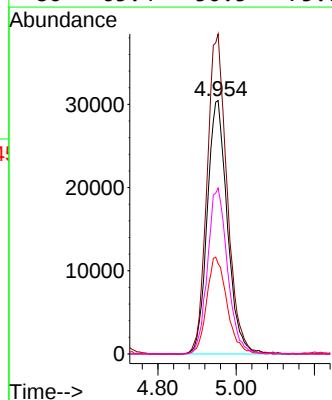
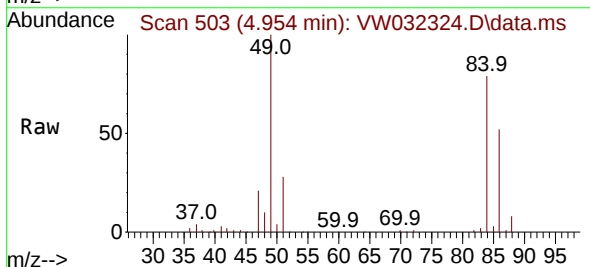
Instrument :
MSVOA_W
ClientSampleId :

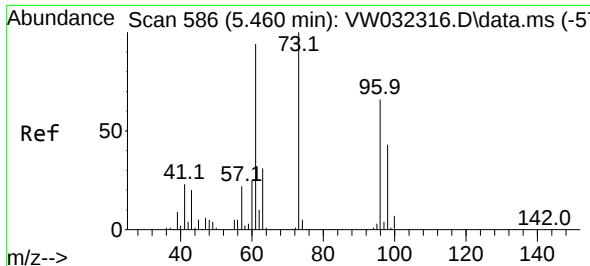
Tgt Ion: 73 Resp: 134195
Ion Ratio Lower Upper
73 100
57 22.4 16.2 24.4



#20
Methylene Chloride
Concen: 26.810 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 84 Resp: 108542
Ion Ratio Lower Upper
84 100
49 126.2 92.2 138.4
51 35.7 31.0 46.6
86 65.4 50.5 75.7

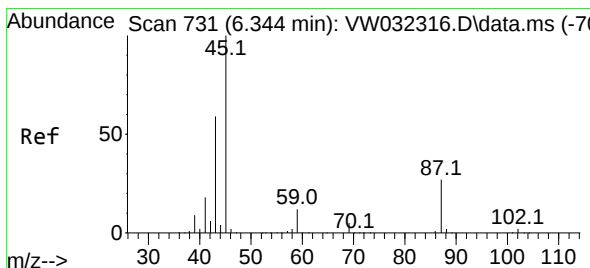
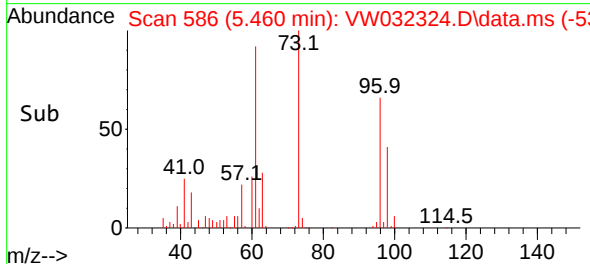
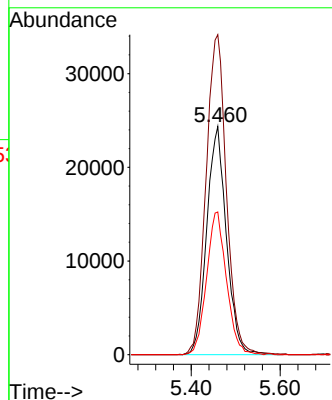
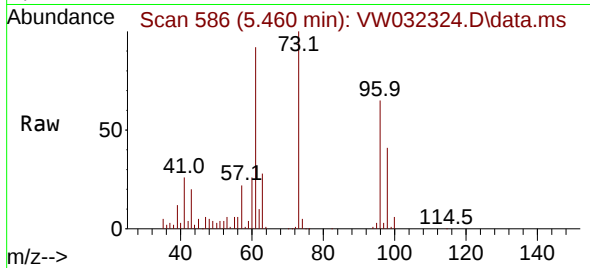




#21
trans-1,2-Dichloroethene
Concen: 21.650 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

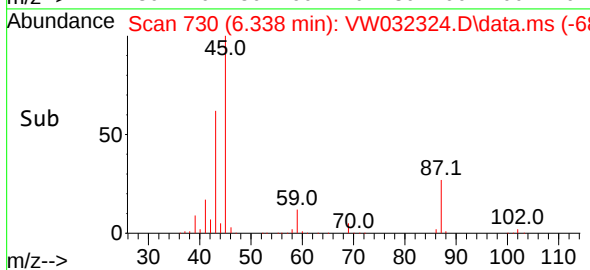
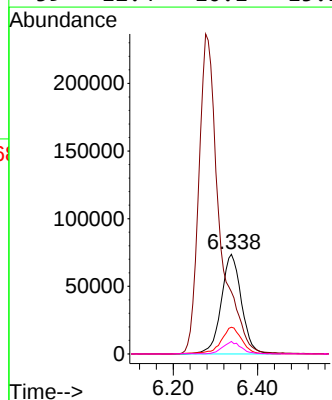
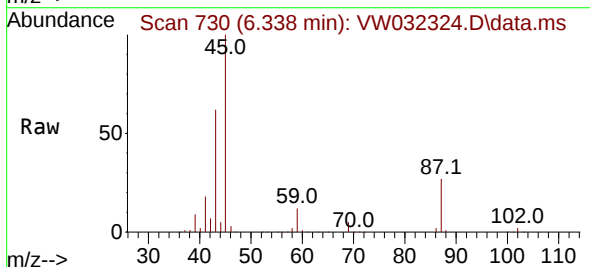
Instrument :
MSVOA_W
ClientSampleId :

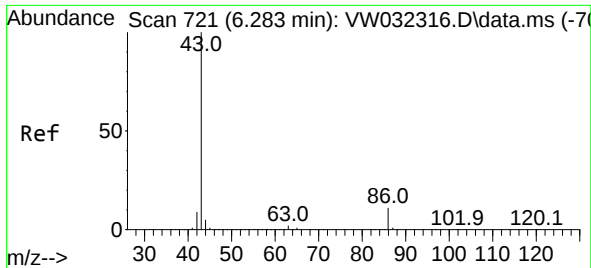
Tgt Ion: 96 Resp: 74880
Ion Ratio Lower Upper
96 100
61 140.1 112.5 168.7
98 62.5 54.2 81.4



#22
Diisopropyl ether
Concen: 22.235 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 45 Resp: 244001
Ion Ratio Lower Upper
45 100
43 62.1 51.4 77.2
87 26.7 25.9 38.9
59 12.4 10.1 15.1

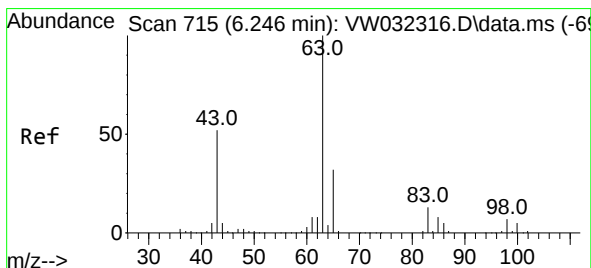
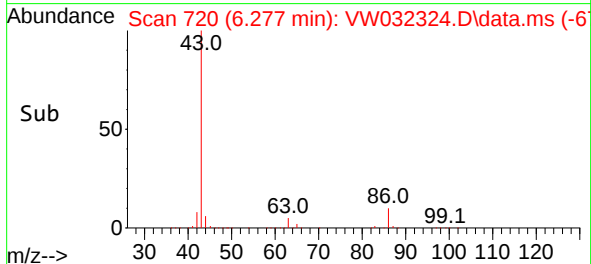
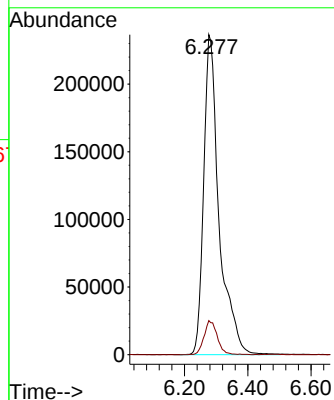
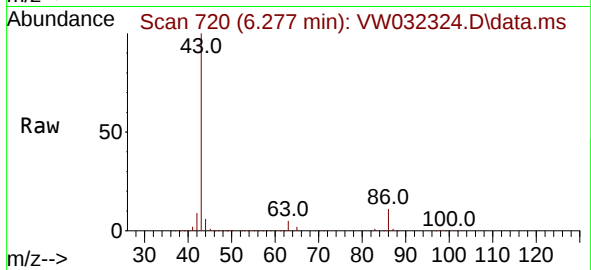




#23
 Vinyl Acetate
 Concen: 109.207 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

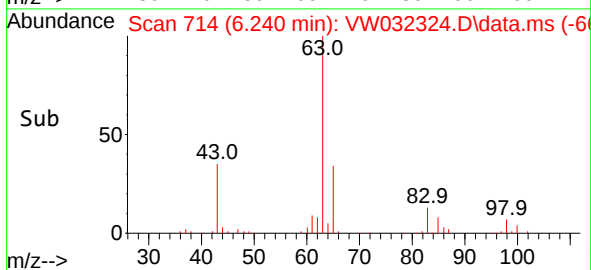
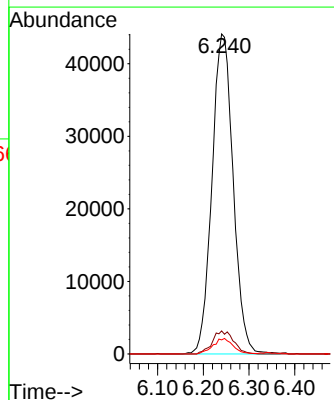
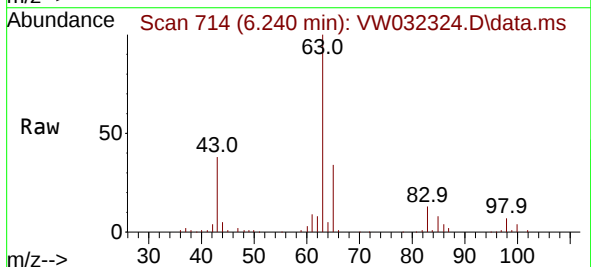
Instrument :
 MSVOA_W
 ClientSampleId :

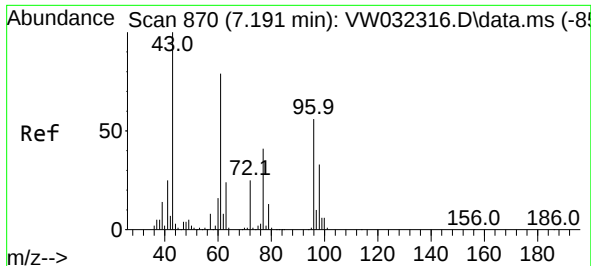
Tgt Ion: 43 Resp: 800452
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.323 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

Tgt Ion: 63 Resp: 142157
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.2
 100 4.4 2.5 7.5

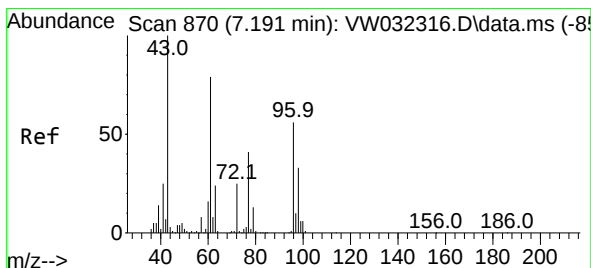
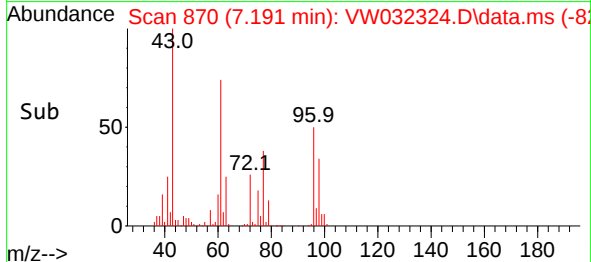
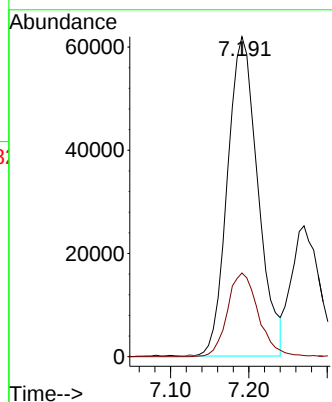
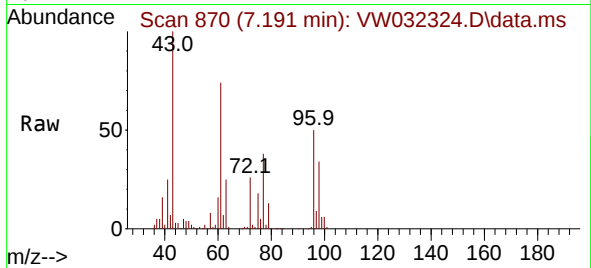




#25
2-Butanone
Concen: 109.792 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

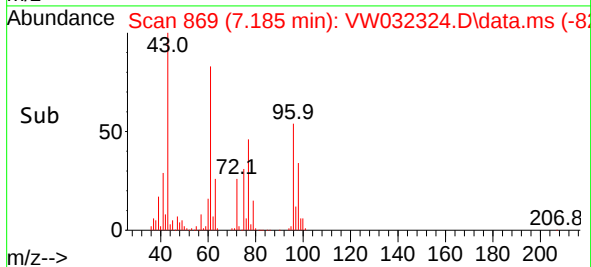
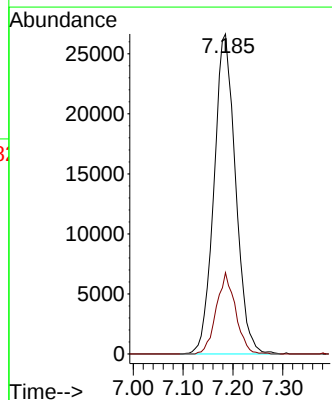
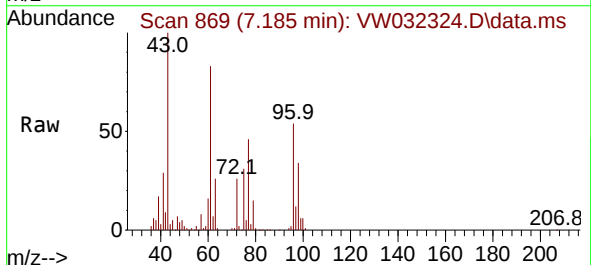
Instrument :
MSVOA_W
ClientSampleId :

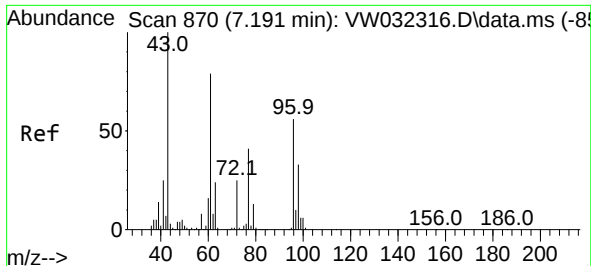
Tgt Ion: 43 Resp: 167396
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.509 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 77 Resp: 80170
Ion Ratio Lower Upper
77 100
97 22.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.064 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

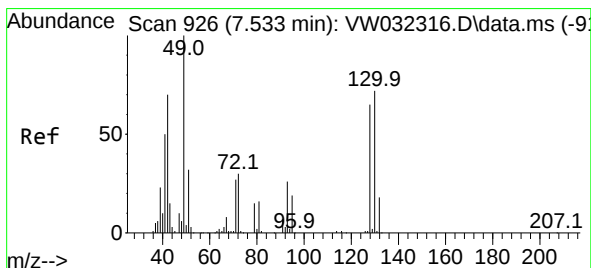
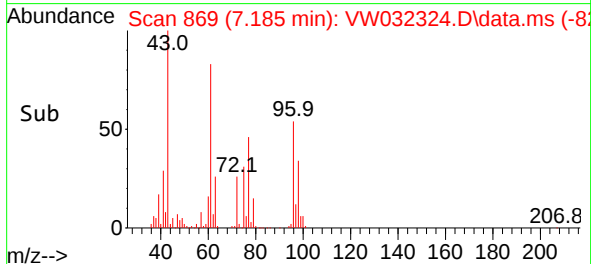
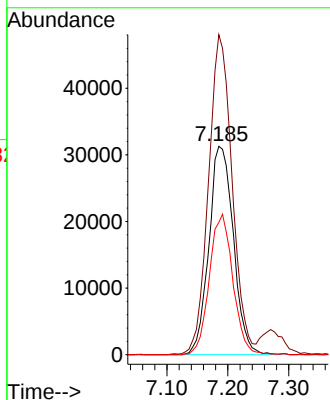
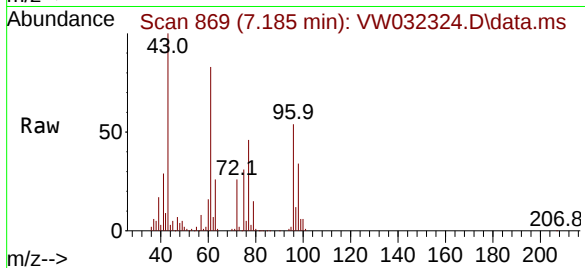
Tgt Ion: 96 Resp: 87523

Ion Ratio Lower Upper

96 100

61 148.3 0.0 268.0

98 64.6 0.0 130.8



#28

Bromochloromethane

Concen: 21.473 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

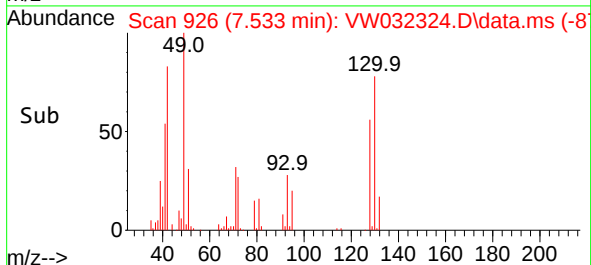
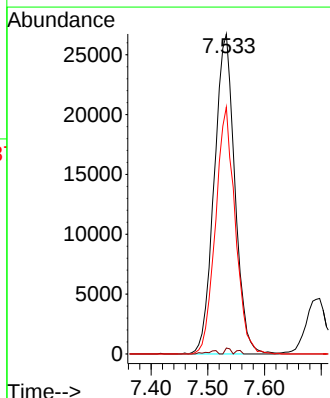
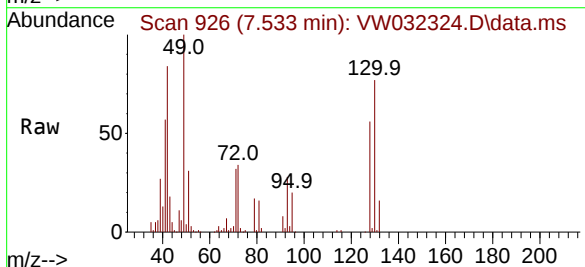
Tgt Ion: 49 Resp: 67354

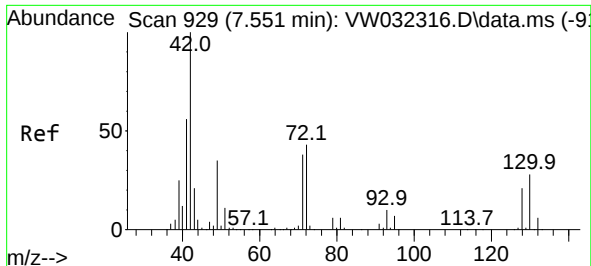
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.2

130 73.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 105.622 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

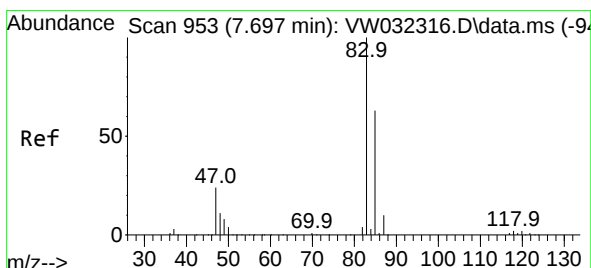
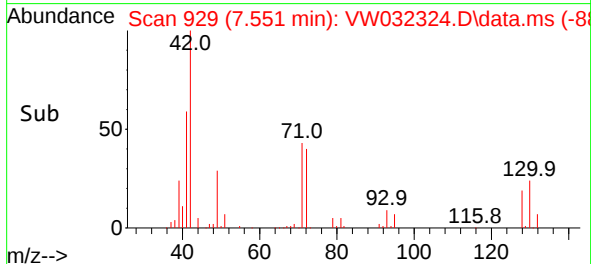
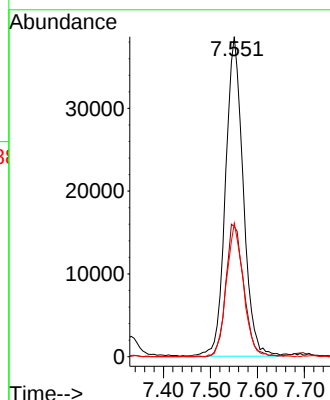
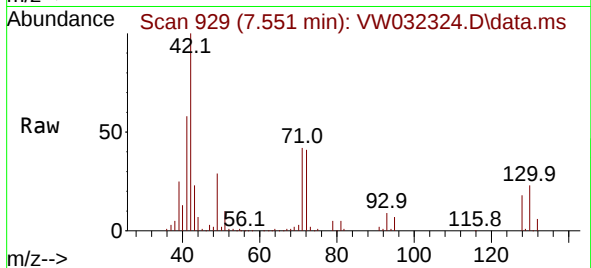
Tgt Ion: 42 Resp: 101272

Ion Ratio Lower Upper

42 100

72 42.1 37.4 56.2

71 40.4 36.0 54.0



#30

Chloroform

Concen: 21.720 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032324.D

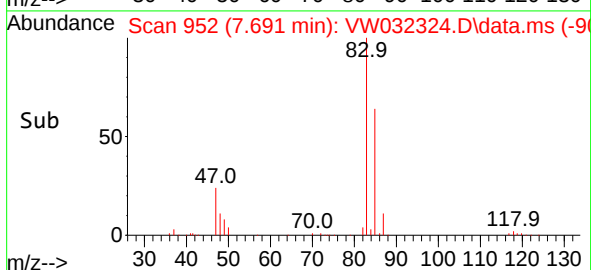
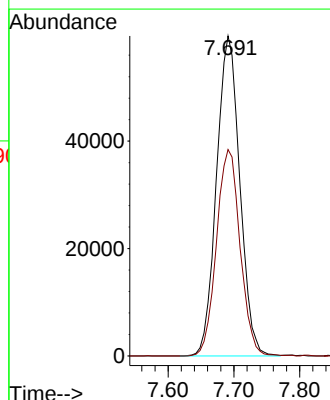
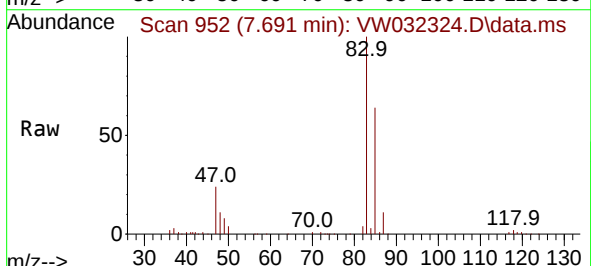
Acq: 02 Oct 2025 11:48

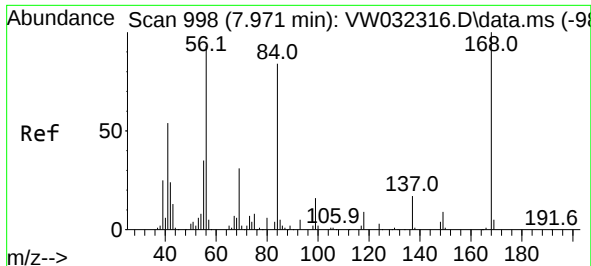
Tgt Ion: 83 Resp: 146855

Ion Ratio Lower Upper

83 100

85 64.5 51.2 76.8

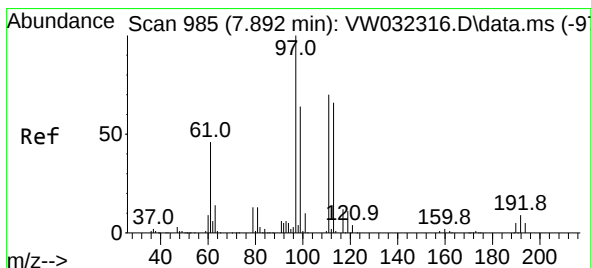
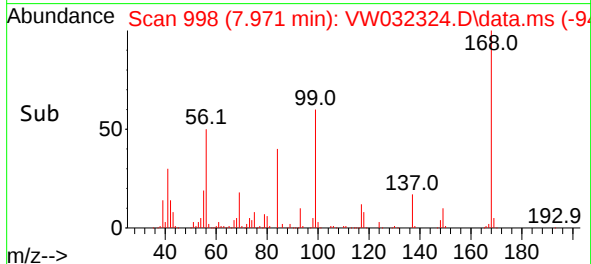
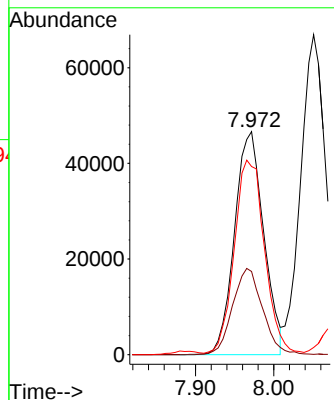
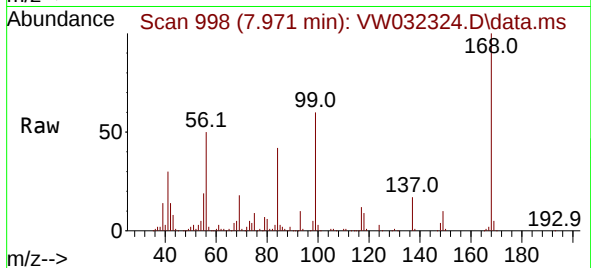




#31
Cyclohexane
Concen: 21.224 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

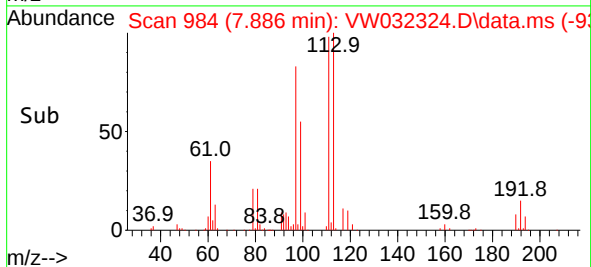
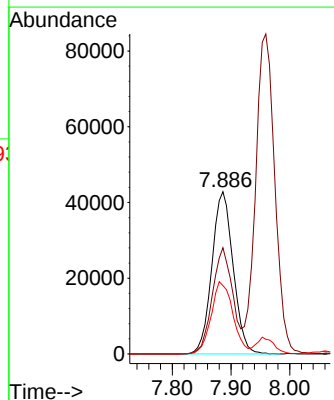
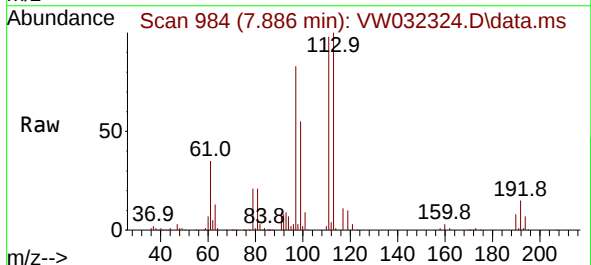
Instrument :
MSVOA_W
ClientSampleId :

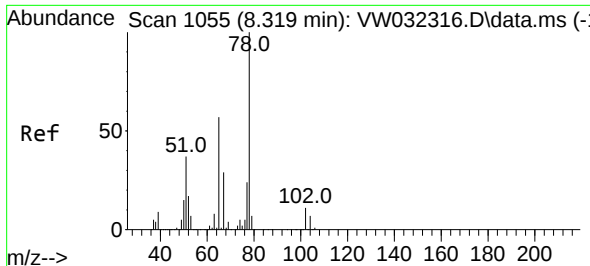
Tgt Ion: 56 Resp: 120796
Ion Ratio Lower Upper
56 100
69 37.3 27.7 41.5
84 82.8 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 22.465 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 97 Resp: 107635
Ion Ratio Lower Upper
97 100
99 62.3 50.9 76.3
61 45.5 36.2 54.4

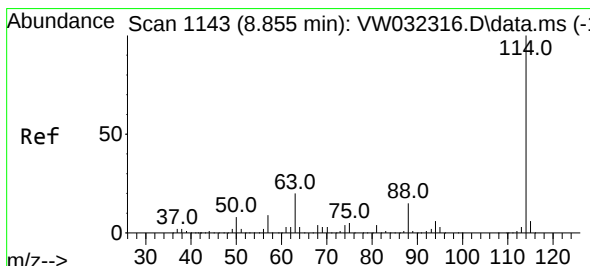
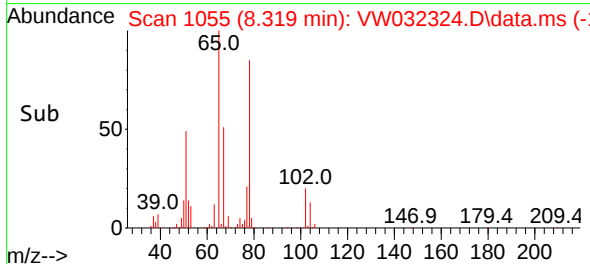
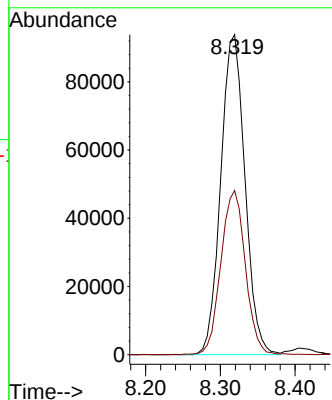
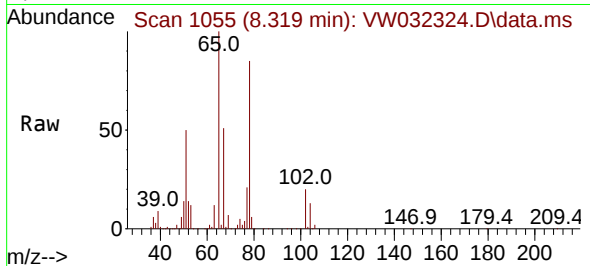




#33
 1,2-Dichloroethane-d4
 Concen: 52.223 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

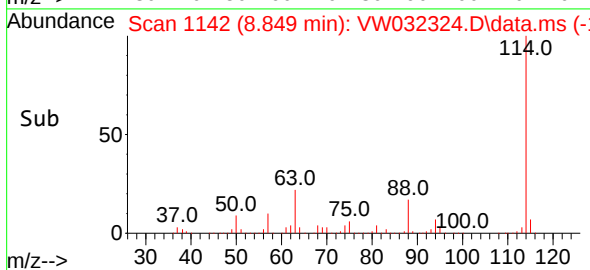
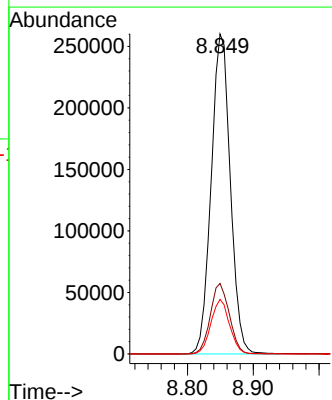
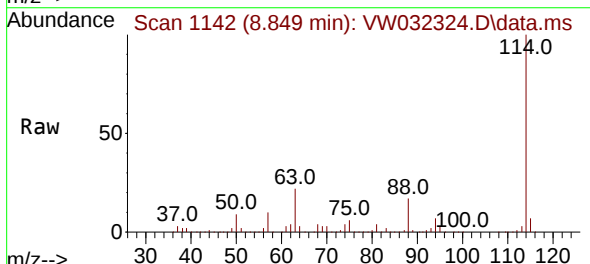
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 65 Resp: 211135
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

Tgt Ion: 114 Resp: 526280
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.4
 88 17.1 0.0 32.0

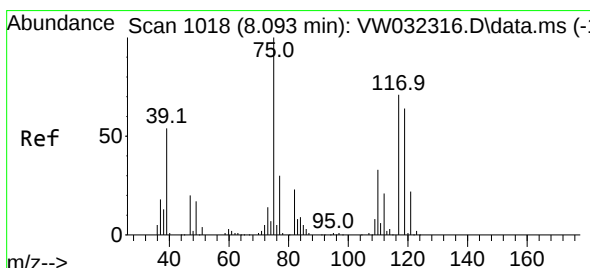
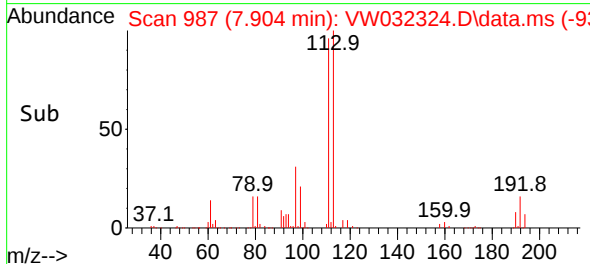
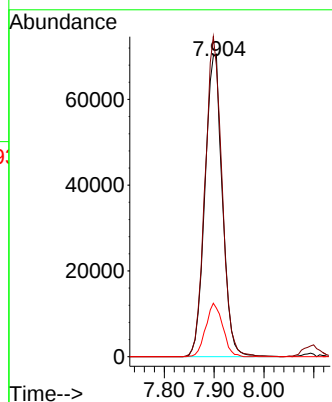
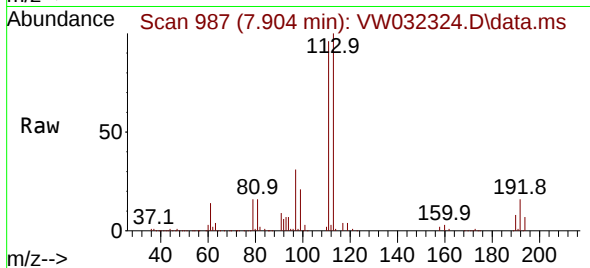




#35
 Dibromofluoromethane
 Concen: 50.076 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

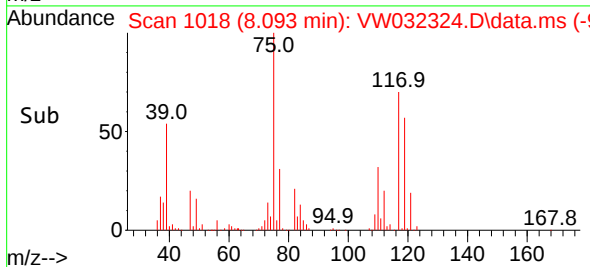
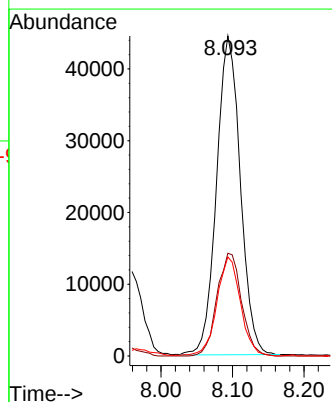
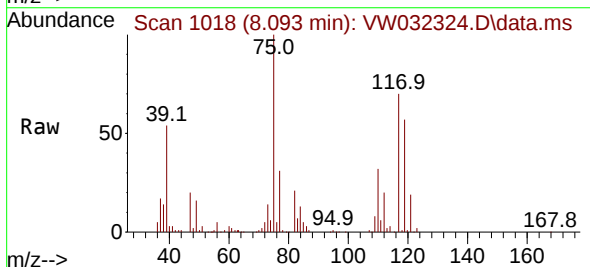
Instrument :
 MSVOA_W
 ClientSampleId :

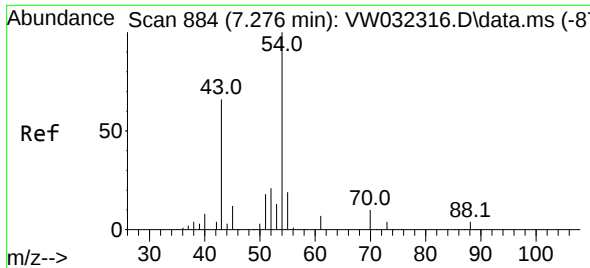
Tgt Ion:113 Resp: 170671
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.9 125.9
 192 17.3 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 21.323 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032324.D
 Acq: 02 Oct 2025 11:48

Tgt Ion: 75 Resp: 102563
 Ion Ratio Lower Upper
 75 100
 110 33.2 17.5 52.5
 77 30.9 24.1 36.1

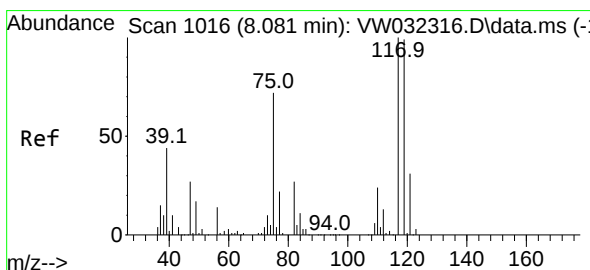
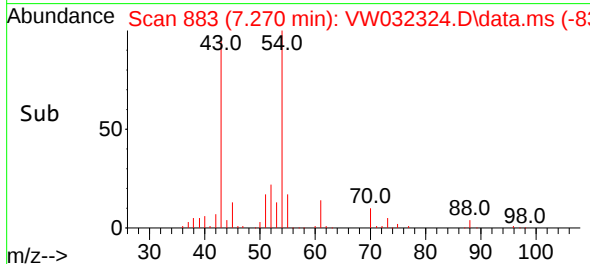
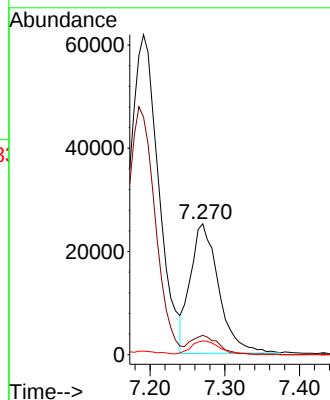
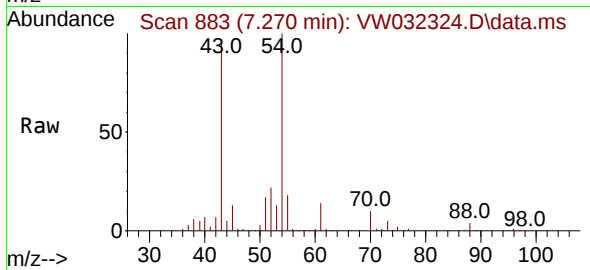




#37
Ethyl Acetate
Concen: 20.649 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

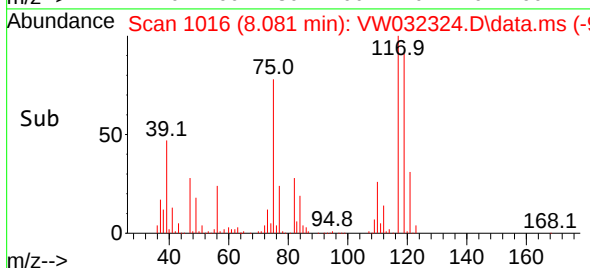
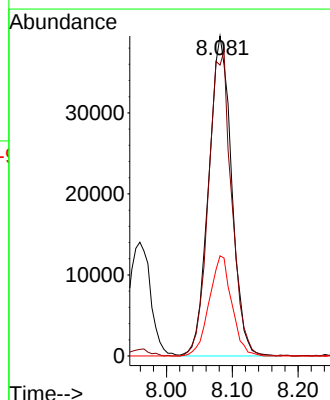
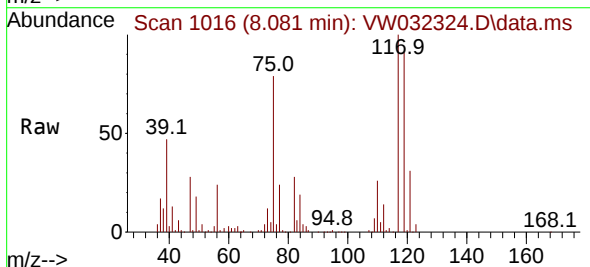
Instrument :
MSVOA_W
ClientSampleId :

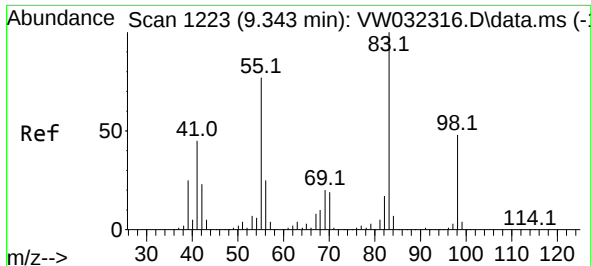
Tgt Ion: 43 Resp: 66109
Ion Ratio Lower Upper
43 100
61 14.7 11.3 16.9
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 21.205 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 117 Resp: 95980
Ion Ratio Lower Upper
117 100
119 90.9 74.2 111.2
121 31.3 25.6 38.4





#39

Methylcyclohexane

Concen: 20.729 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

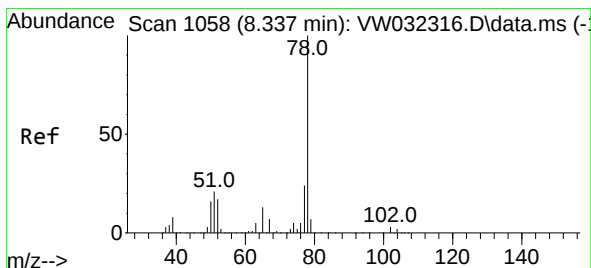
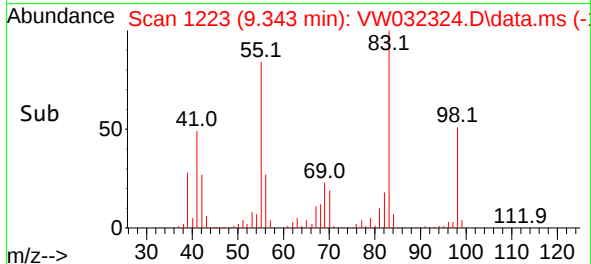
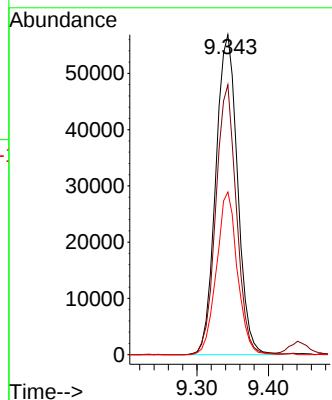
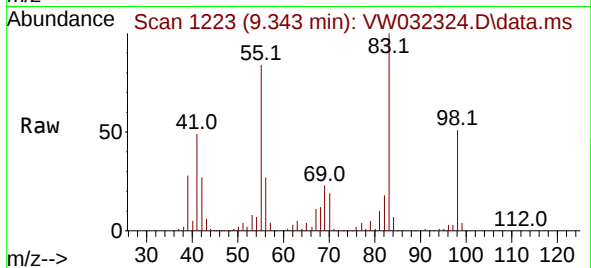
Tgt Ion: 83 Resp: 120270

Ion Ratio Lower Upper

83 100

55 84.3 58.4 87.6

98 50.8 39.4 59.2



#40

Benzene

Concen: 20.710 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032324.D

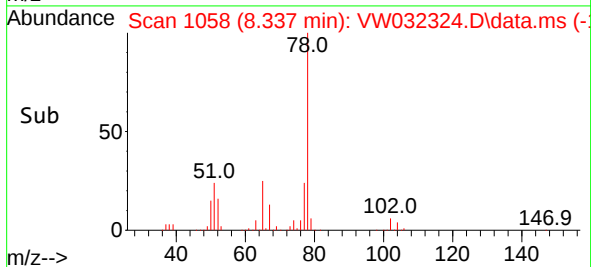
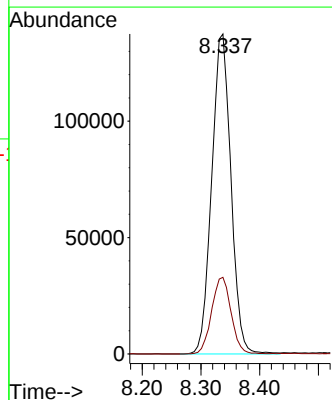
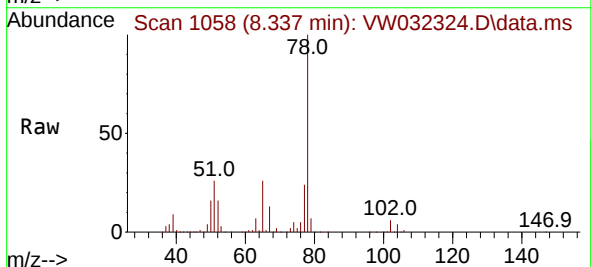
Acq: 02 Oct 2025 11:48

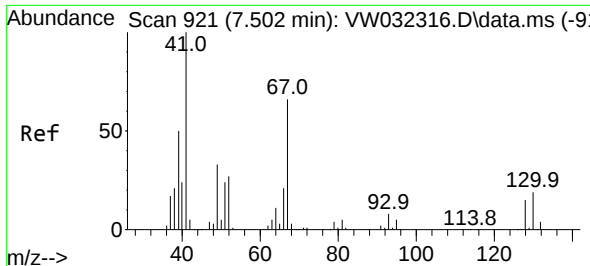
Tgt Ion: 78 Resp: 312244

Ion Ratio Lower Upper

78 100

77 24.0 20.7 31.1

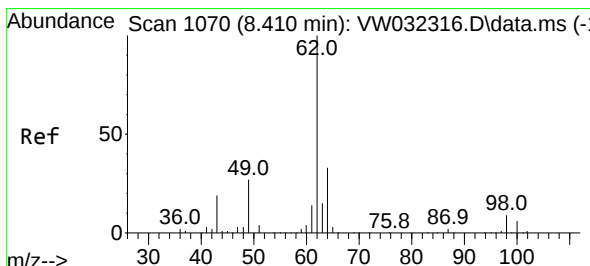
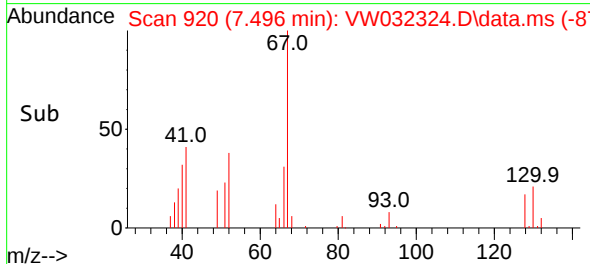
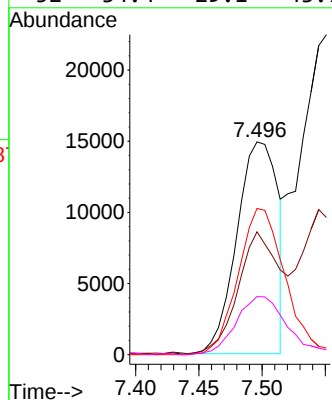
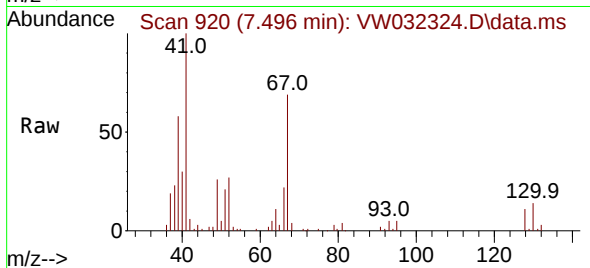




#41
Methacrylonitrile
Concen: 19.531 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

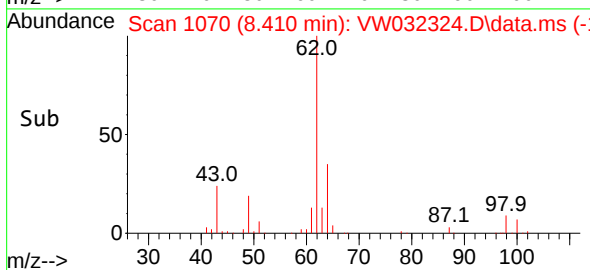
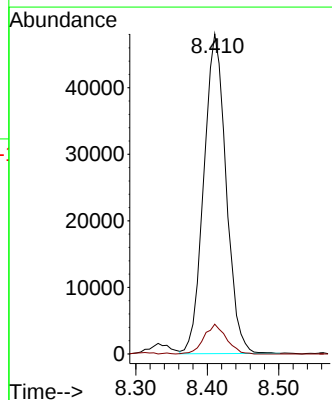
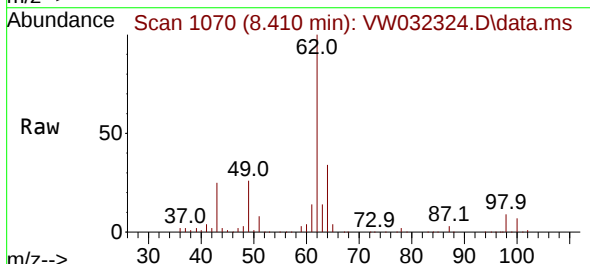
Instrument :
MSVOA_W
ClientSampleId :

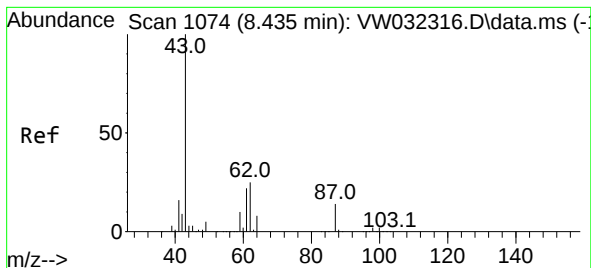
Tgt Ion: 41	Resp: 33699
Ion Ratio	Lower Upper
41 100	
39 59.5	50.9 76.3
67 80.0	65.6 98.4
52 34.4	29.1 43.7



#42
1,2-Dichloroethane
Concen: 21.085 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 62	Resp: 104017
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 18.0





#43

Isopropyl Acetate

Concen: 20.591 ug/l

RT: 8.435 min Scan# 116950

Delta R.T. -0.000 min

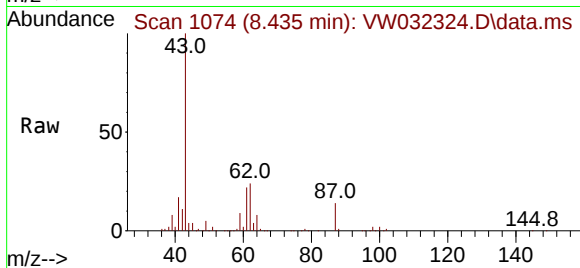
Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :



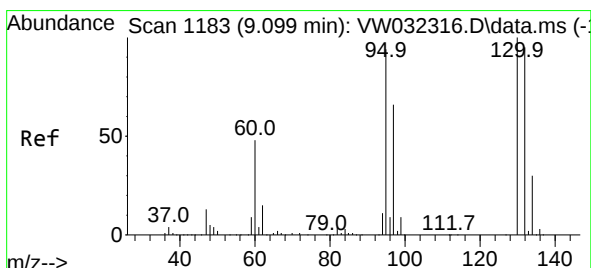
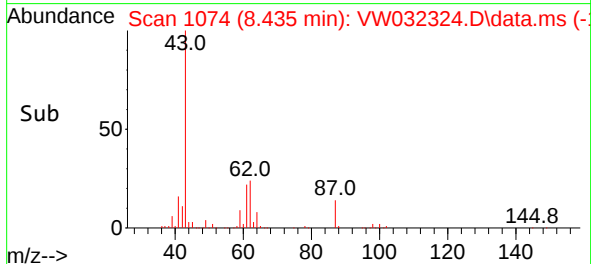
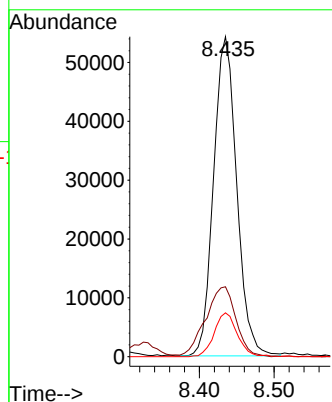
Tgt Ion: 43 Resp: 116950

Ion Ratio Lower Upper

43 100

61 28.6 23.3 34.9

87 13.8 11.1 16.7



#44

Trichloroethene

Concen: 20.816 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. -0.000 min

Lab File: VW032324.D

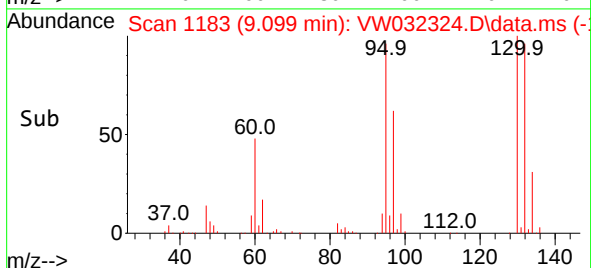
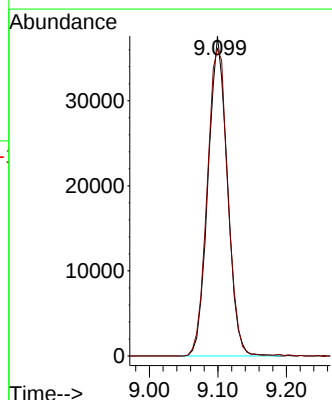
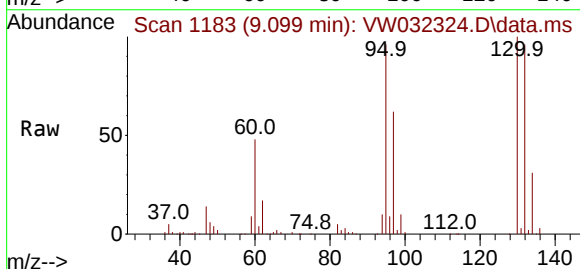
Acq: 02 Oct 2025 11:48

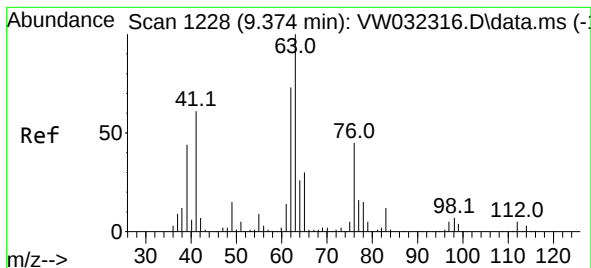
Tgt Ion: 130 Resp: 73487

Ion Ratio Lower Upper

130 100

95 96.0 0.0 220.0





#45

1,2-Dichloropropane

Concen: 20.672 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

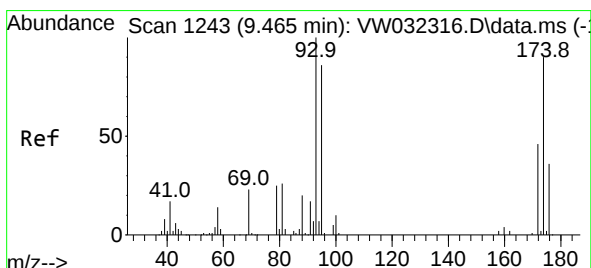
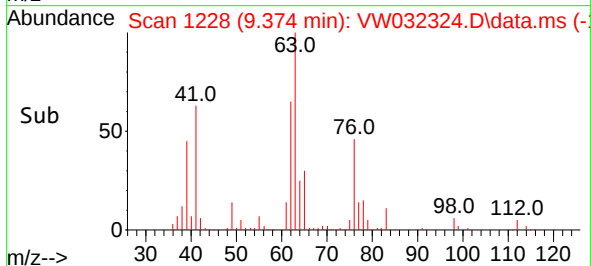
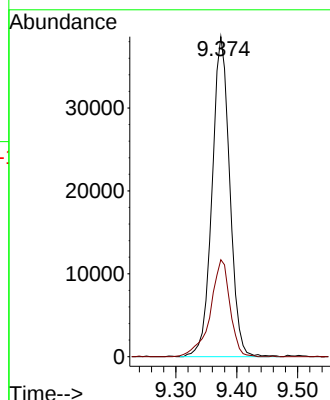
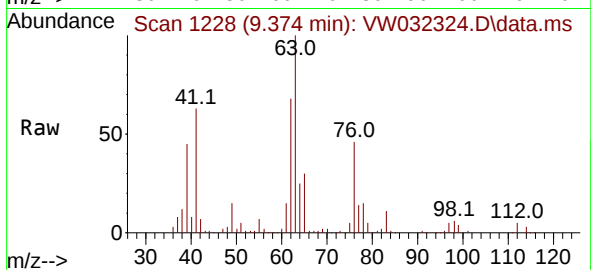
ClientSampleId :

Tgt Ion: 63 Resp: 77793

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



#46

Dibromomethane

Concen: 21.020 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

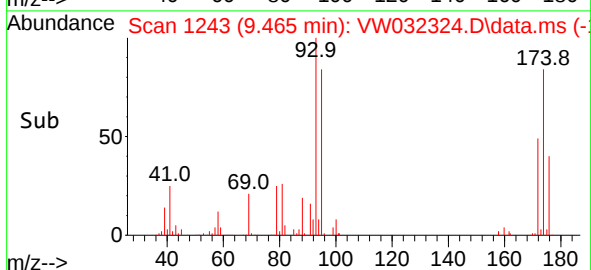
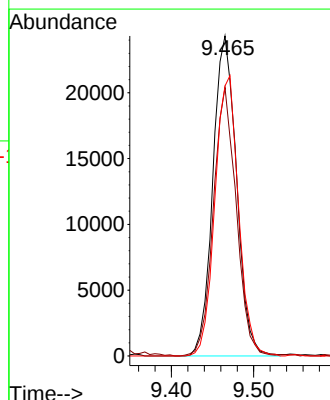
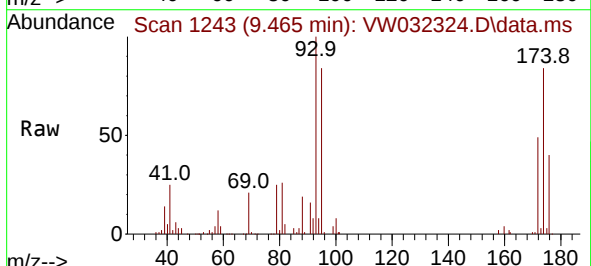
Tgt Ion: 93 Resp: 48642

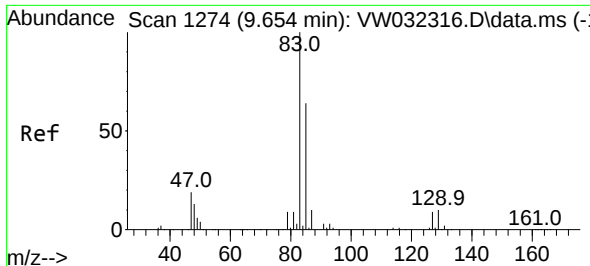
Ion Ratio Lower Upper

93 100

95 81.1 67.4 101.2

174 86.9 75.7 113.5

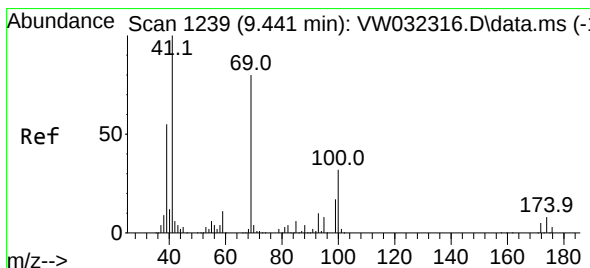
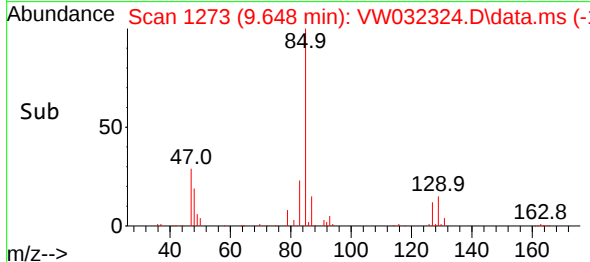
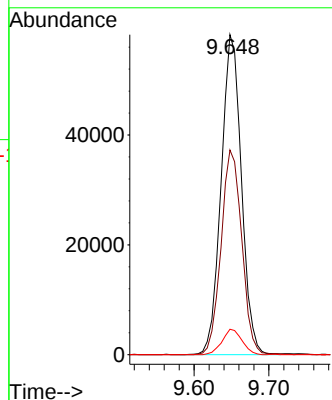
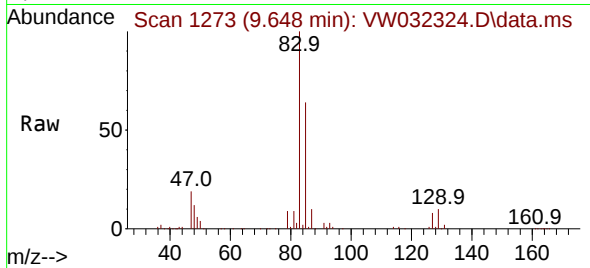




#47
Bromodichloromethane
Concen: 20.791 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

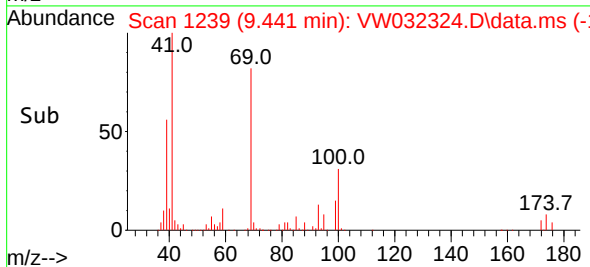
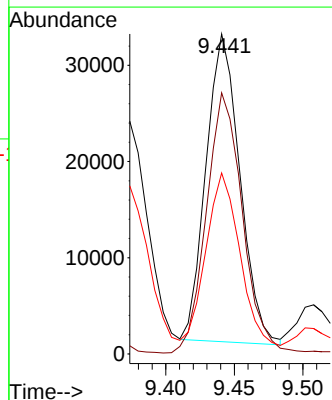
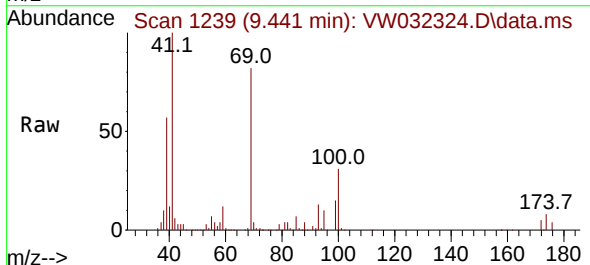
Instrument :
MSVOA_W
ClientSampleId :

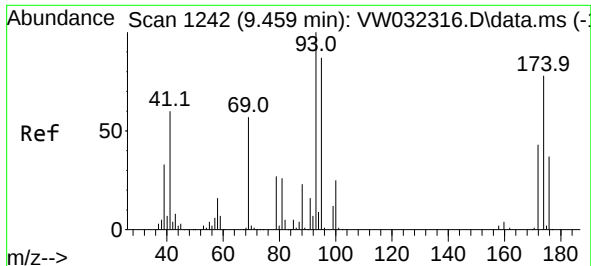
Tgt Ion: 83 Resp: 110045
Ion Ratio Lower Upper
83 100
85 64.0 48.7 73.1
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 19.868 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 41 Resp: 54863
Ion Ratio Lower Upper
41 100
69 91.2 71.5 107.3
39 55.6 55.9 83.9#





#49

1,4-Dioxane

Concen: 393.244 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

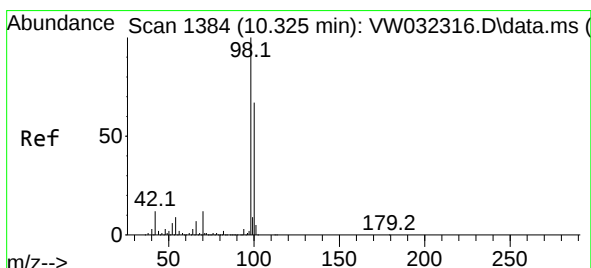
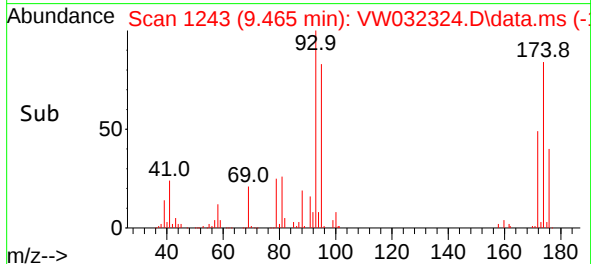
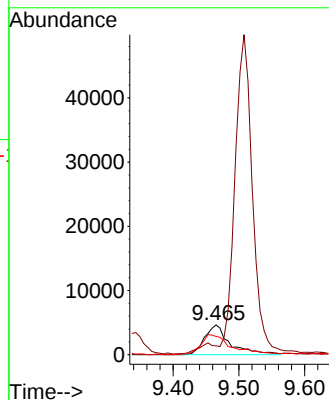
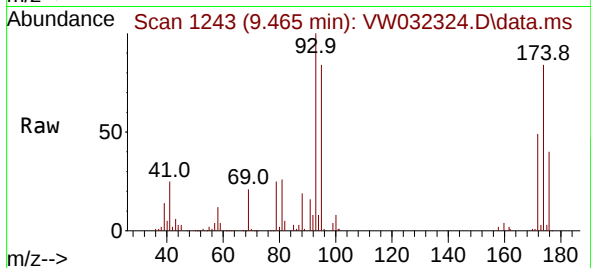
Tgt Ion: 88 Resp: 12438

Ion Ratio Lower Upper

88 100

43 23.8 18.0 27.0

58 81.7 55.4 83.0



#50

Toluene-d8

Concen: 51.798 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032324.D

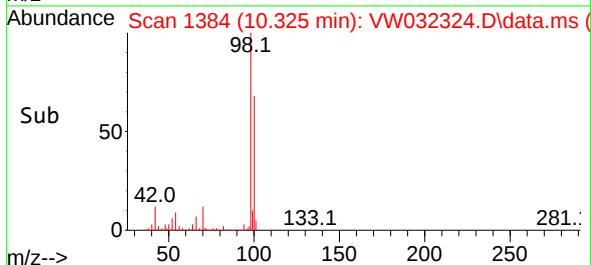
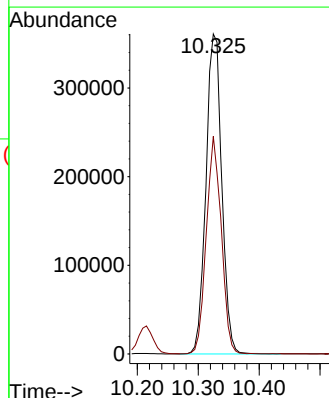
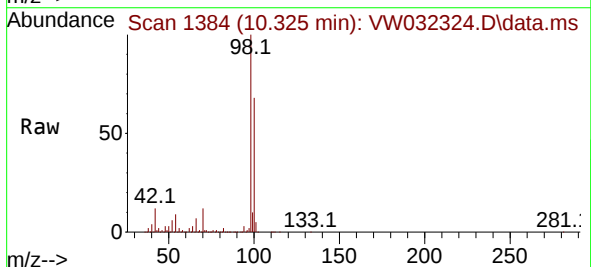
Acq: 02 Oct 2025 11:48

Tgt Ion: 98 Resp: 651567

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2

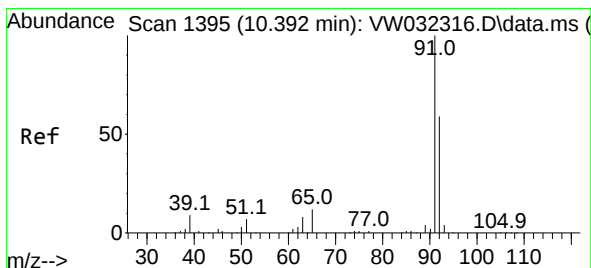
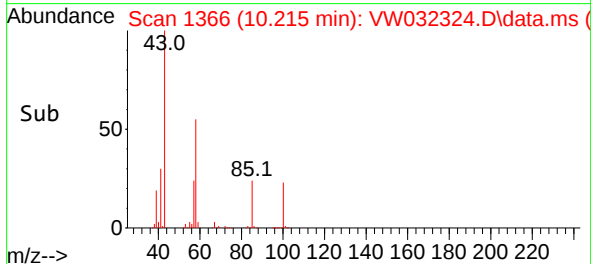
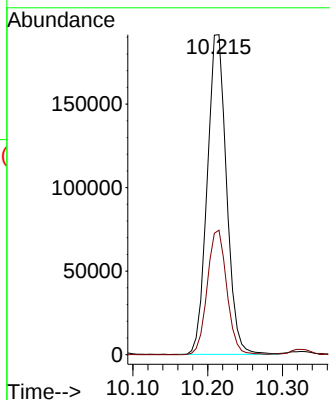
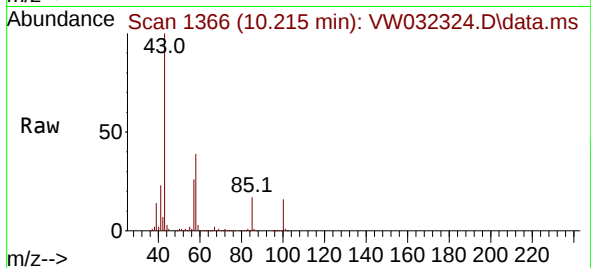




#51
4-Methyl-2-Pentanone
Concen: 104.535 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

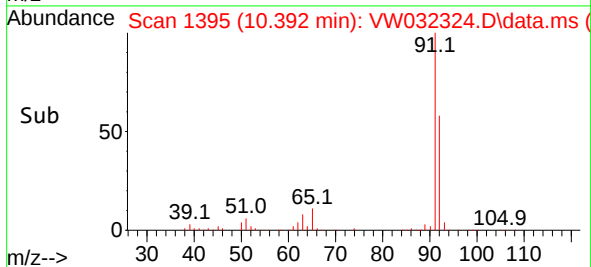
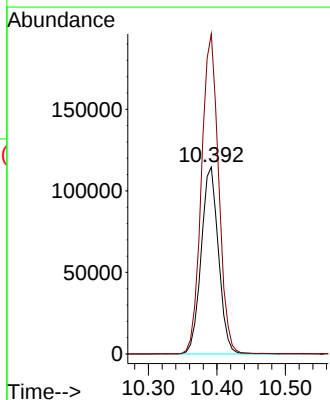
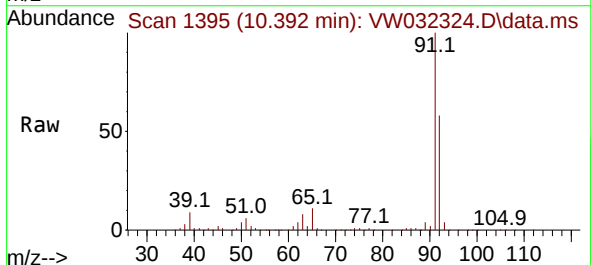
Instrument :
MSVOA_W
ClientSampleId :

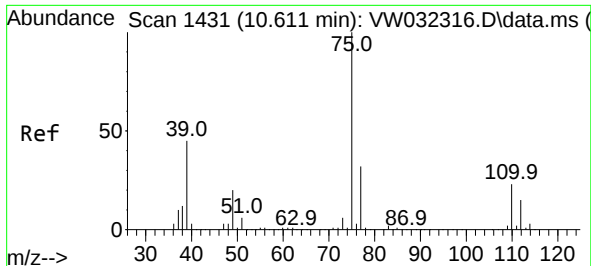
Tgt Ion: 43 Resp: 343882
Ion Ratio Lower Upper
43 100
58 39.4 32.0 48.0



#52
Toluene
Concen: 21.344 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 92 Resp: 200400
Ion Ratio Lower Upper
92 100
91 171.3 137.5 206.3

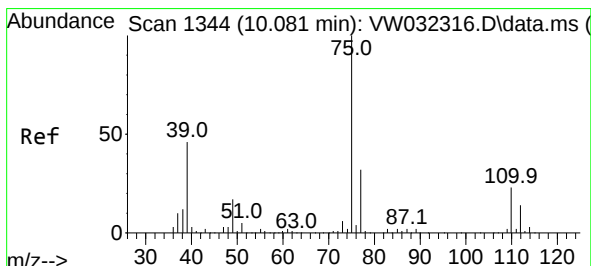
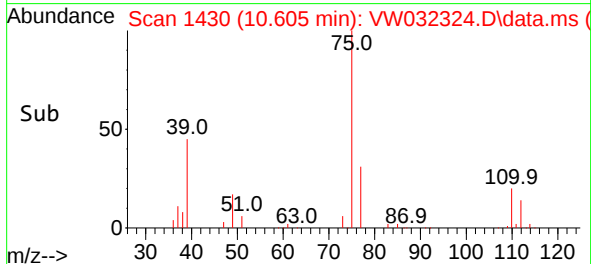
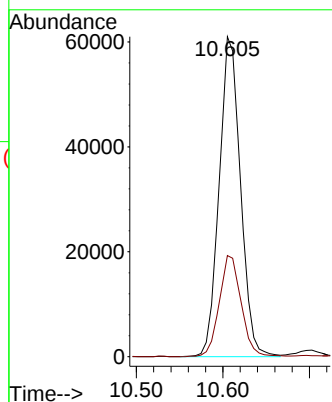
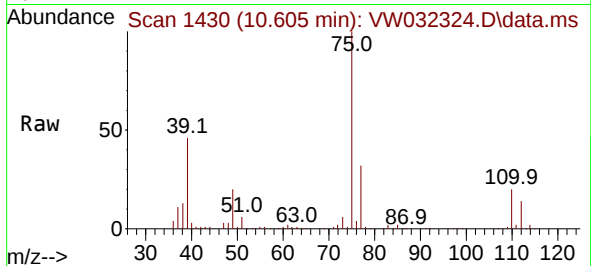




#53
t-1,3-Dichloropropene
Concen: 20.322 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

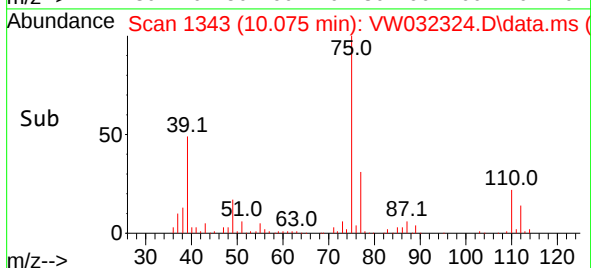
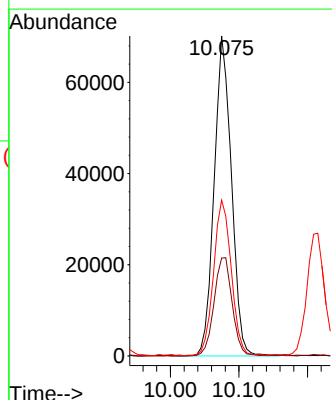
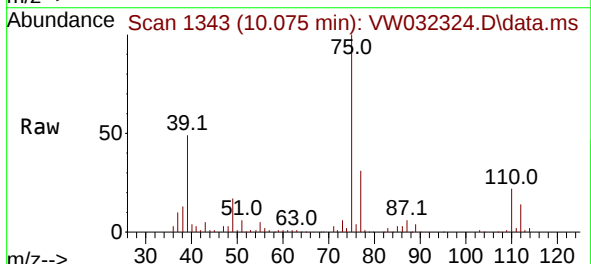
Instrument :
MSVOA_W
ClientSampleId :

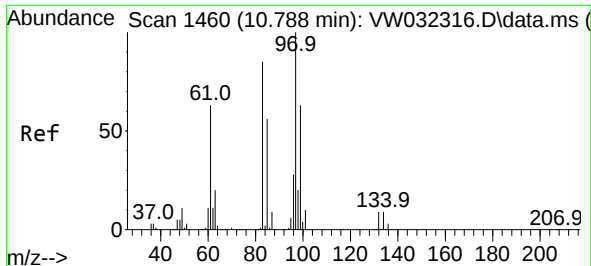
Tgt Ion: 75 Resp: 104350
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.727 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 75 Resp: 122595
Ion Ratio Lower Upper
75 100
77 30.6 25.1 37.7
39 48.4 43.2 64.8

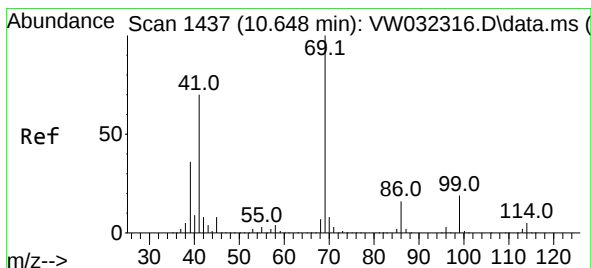
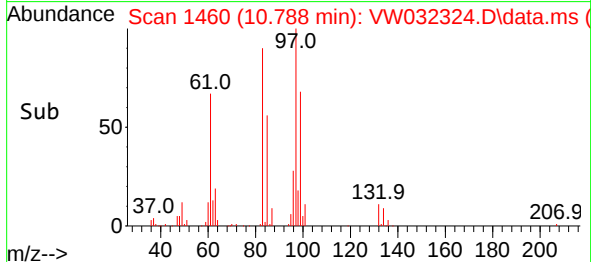
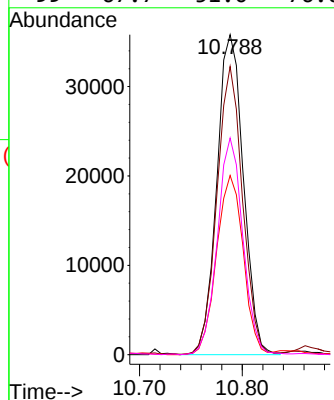
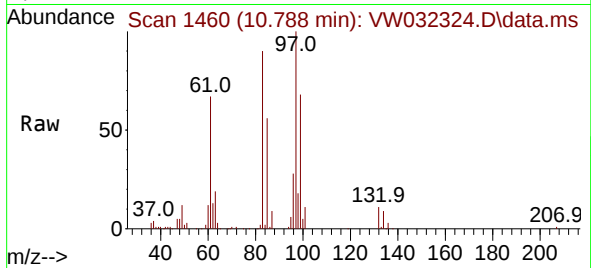




#55
1,1,2-Trichloroethane
Concen: 20.771 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

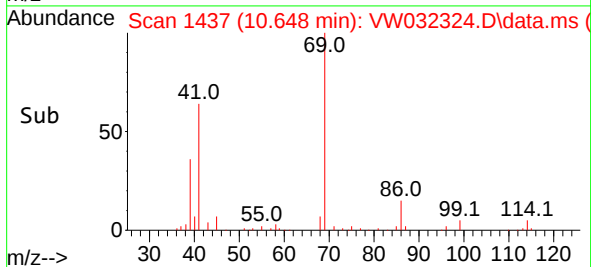
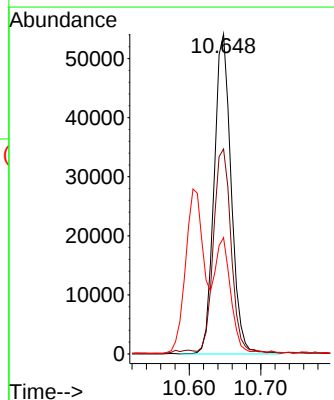
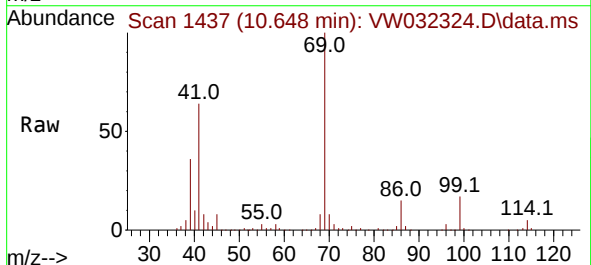
Instrument :
MSVOA_W
ClientSampleId :

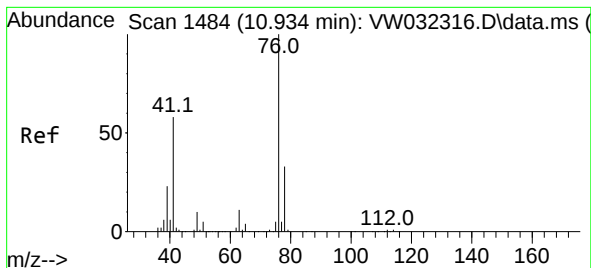
Tgt Ion: 97	Resp: 64240
Ion Ratio	Lower Upper
97 100	
83 89.9	71.0 106.6
85 56.0	42.8 64.2
99 67.7	51.0 76.6



#56
Ethyl methacrylate
Concen: 20.698 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 69	Resp: 89602
Ion Ratio	Lower Upper
69 100	
41 65.6	53.2 79.8
39 31.9	32.9 49.3#





#57

1,3-Dichloropropane

Concen: 20.870 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

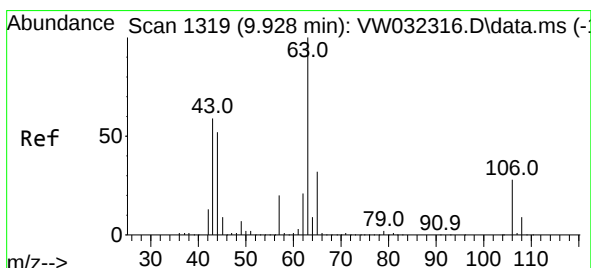
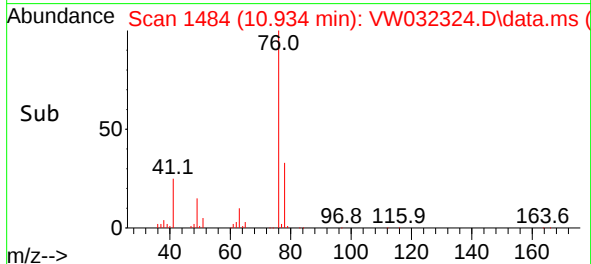
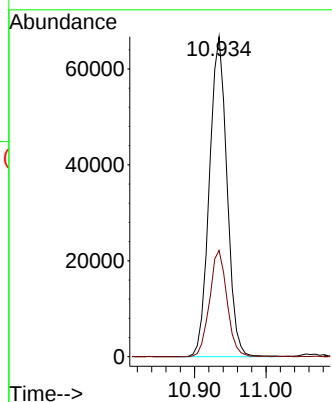
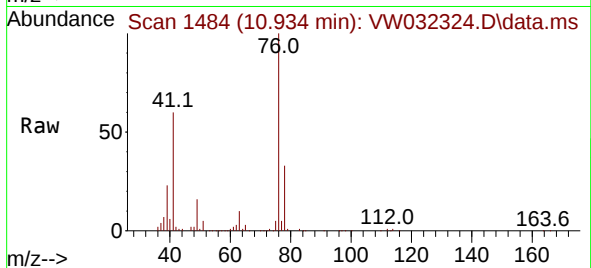
ClientSampleId :

Tgt Ion: 76 Resp: 114000

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.732 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032324.D

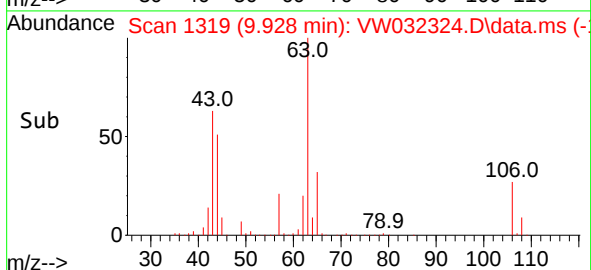
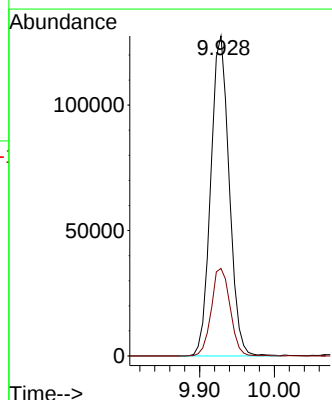
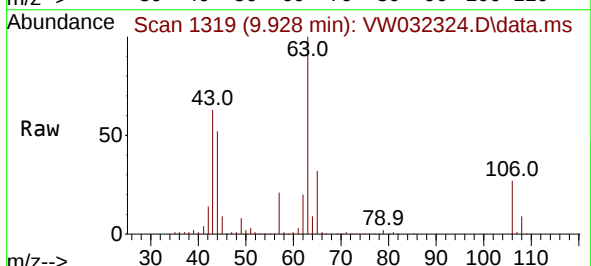
Acq: 02 Oct 2025 11:48

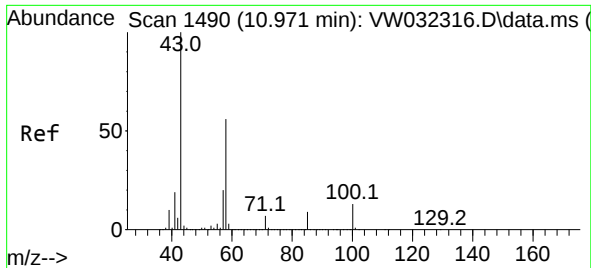
Tgt Ion: 63 Resp: 218251

Ion Ratio Lower Upper

63 100

106 28.0 24.3 36.5

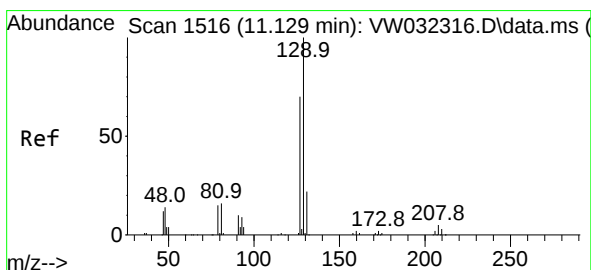
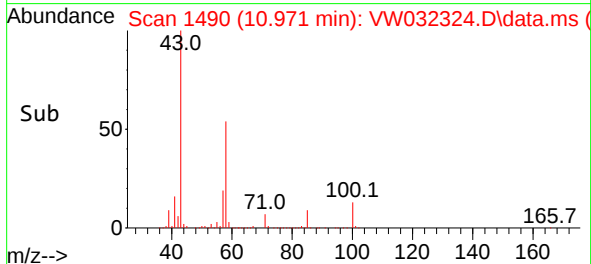
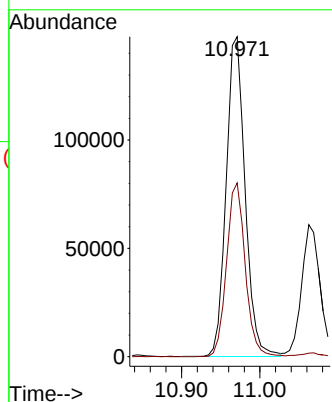
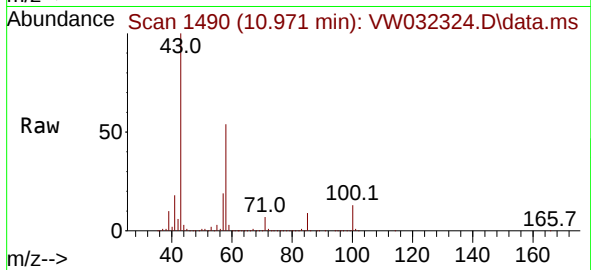




#59
2-Hexanone
Concen: 106.970 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

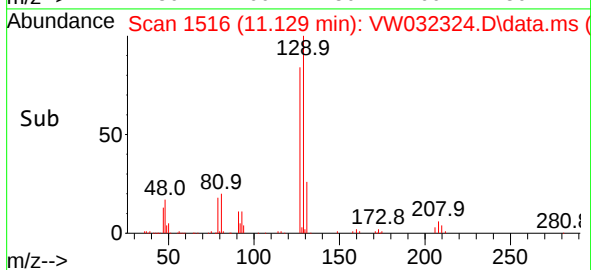
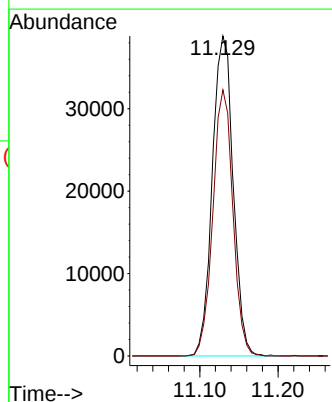
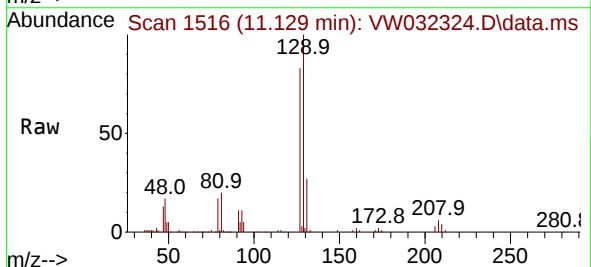
Instrument :
MSVOA_W
ClientSampleId :

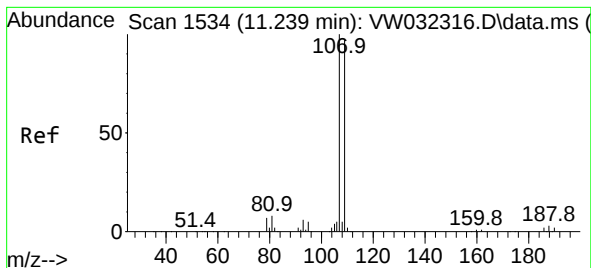
Tgt Ion: 43 Resp: 248183
Ion Ratio Lower Upper
43 100
58 53.6 27.5 82.4



#60
Dibromochloromethane
Concen: 20.440 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:129 Resp: 71782
Ion Ratio Lower Upper
129 100
127 79.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.084 ug/l

RT: 11.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

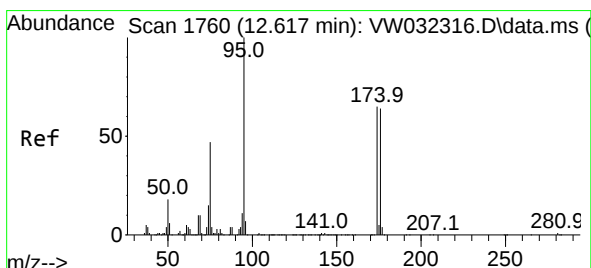
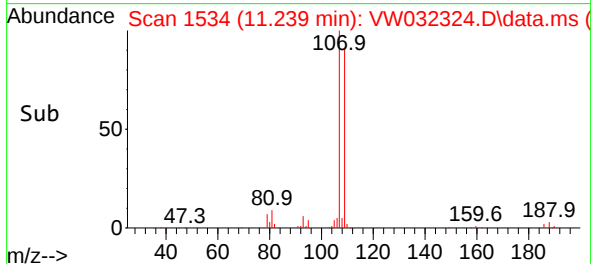
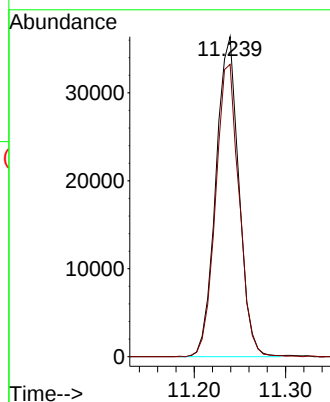
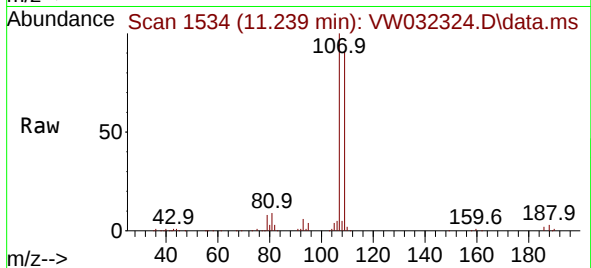
ClientSampleId :

Tgt Ion:107 Resp: 63584

Ion Ratio Lower Upper

107 100

109 93.4 74.5 111.7



#62

4-Bromofluorobenzene

Concen: 51.505 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

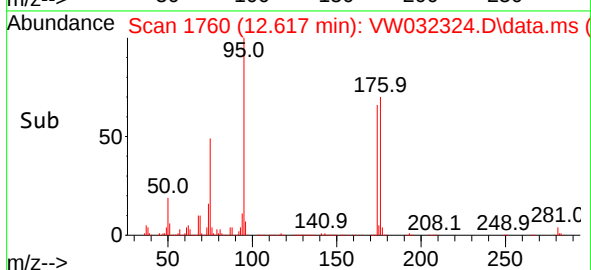
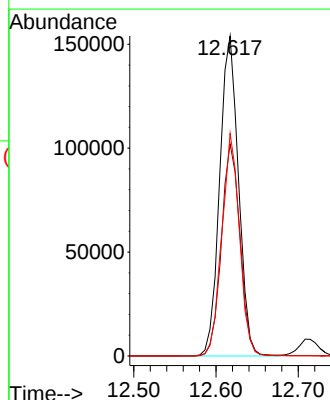
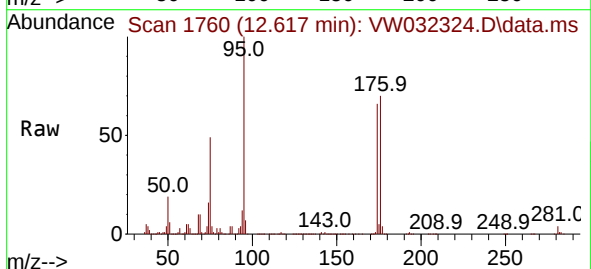
Tgt Ion: 95 Resp: 244879

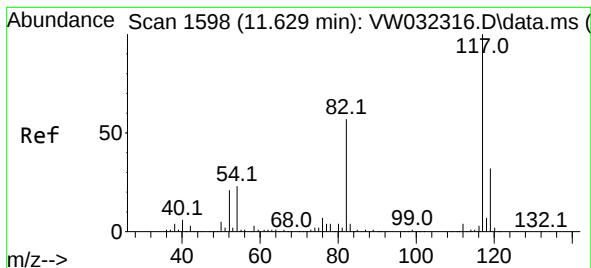
Ion Ratio Lower Upper

95 100

174 65.7 0.0 145.6

176 65.5 0.0 140.8

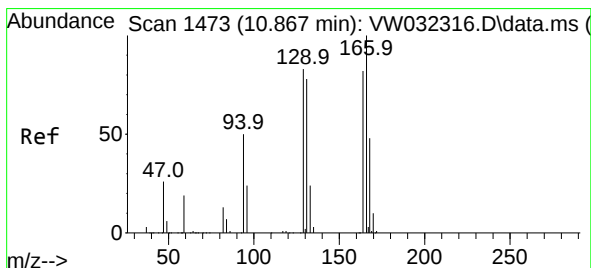
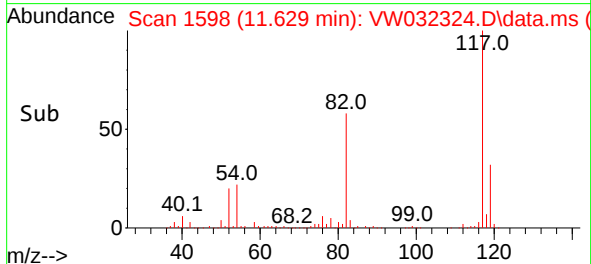
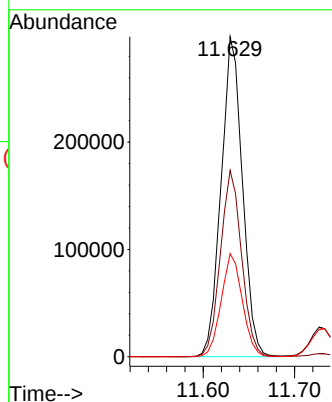
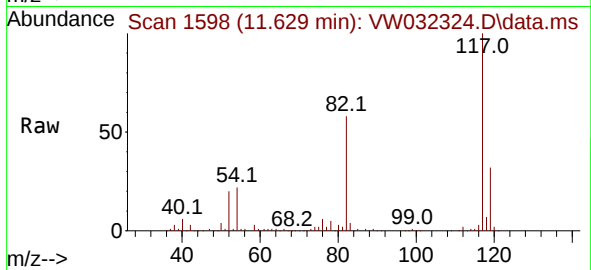




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

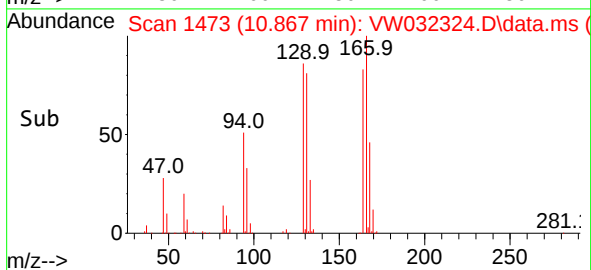
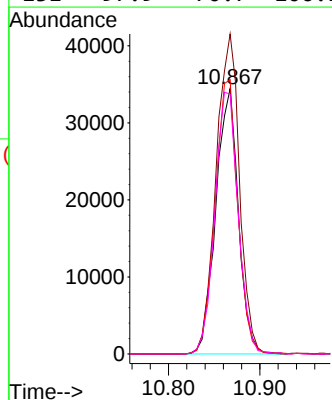
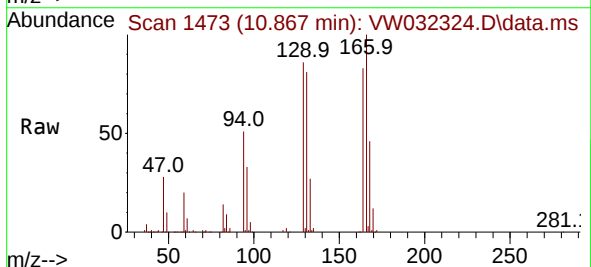
Instrument :
MSVOA_W
ClientSampleId :

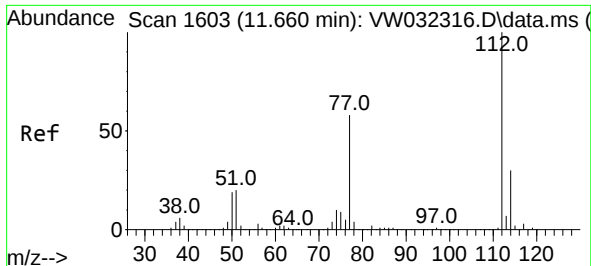
Tgt Ion:117 Resp: 484324
Ion Ratio Lower Upper
117 100
82 58.2 42.7 64.1
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 20.315 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:164 Resp: 58875
Ion Ratio Lower Upper
164 100
166 120.6 97.5 146.3
129 103.3 71.2 106.8
131 97.9 70.7 106.1

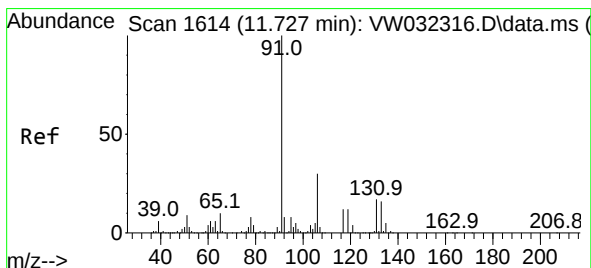
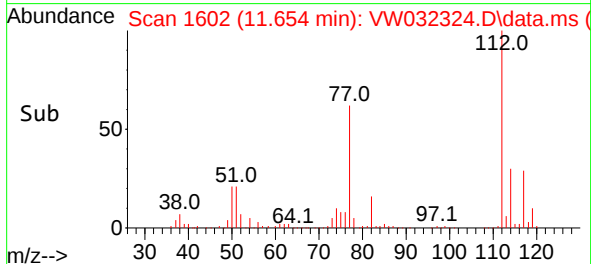
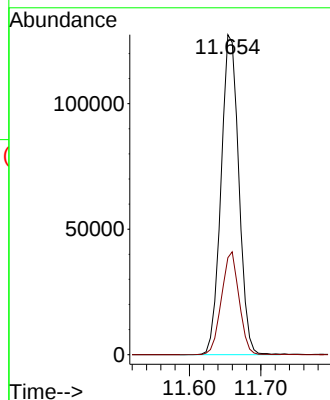
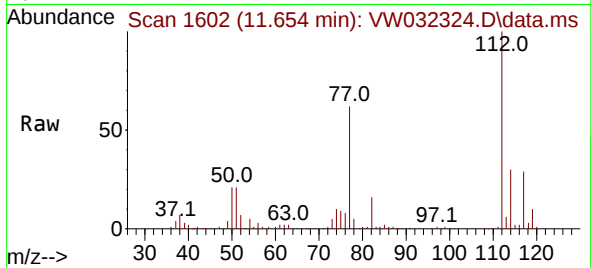




#65
Chlorobenzene
Concen: 20.653 ug/l
RT: 11.654 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

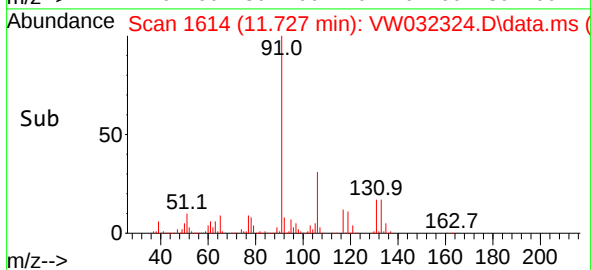
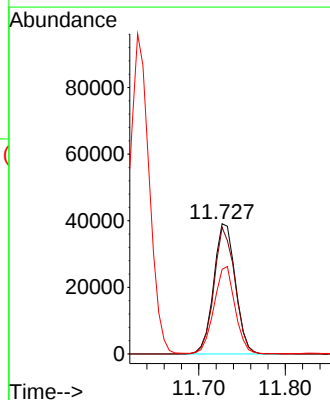
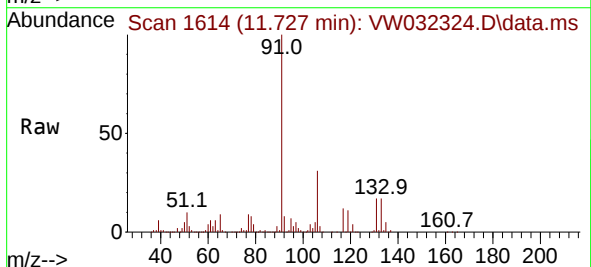
Instrument :
MSVOA_W
ClientSampleId :

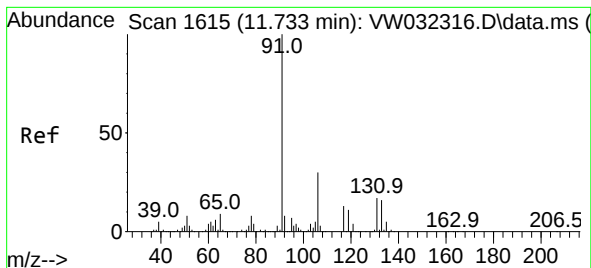
Tgt Ion:112 Resp: 220087
Ion Ratio Lower Upper
112 100
114 30.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.547 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:131 Resp: 68197
Ion Ratio Lower Upper
131 100
133 94.3 47.7 143.1
119 64.7 32.8 98.3

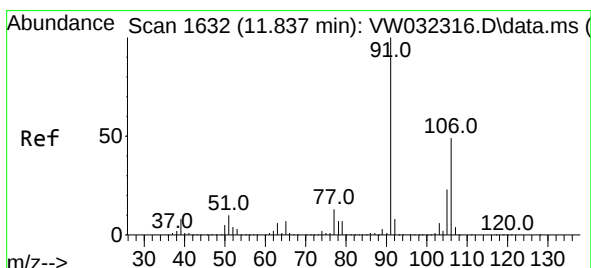
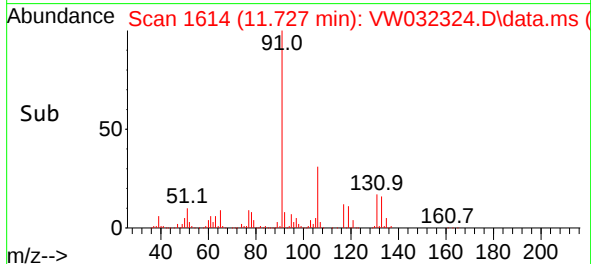
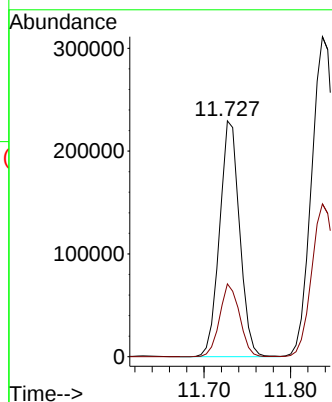
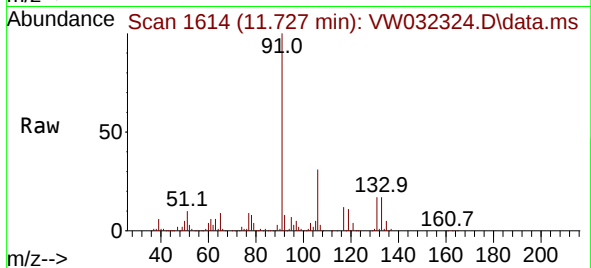




#67
Ethyl Benzene
Concen: 20.740 ug/l
RT: 11.727 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

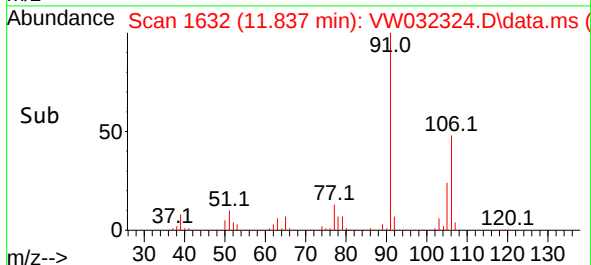
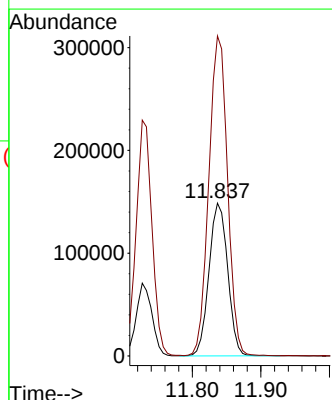
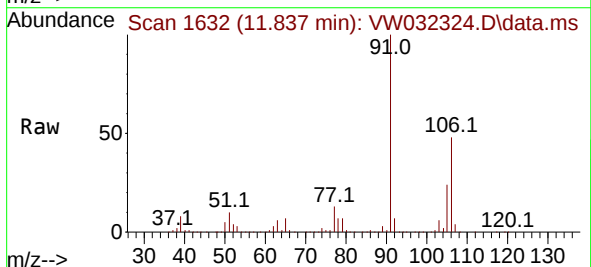
Instrument :
MSVOA_W
ClientSampleId :

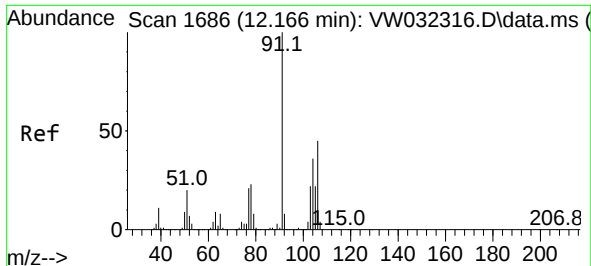
Tgt Ion: 91 Resp: 368398
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9



#68
m/p-Xylenes
Concen: 41.166 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:106 Resp: 281970
Ion Ratio Lower Upper
106 100
91 209.0 164.2 246.2

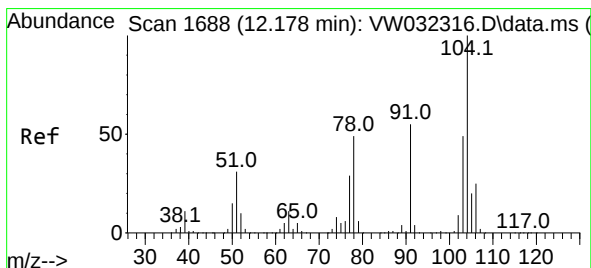
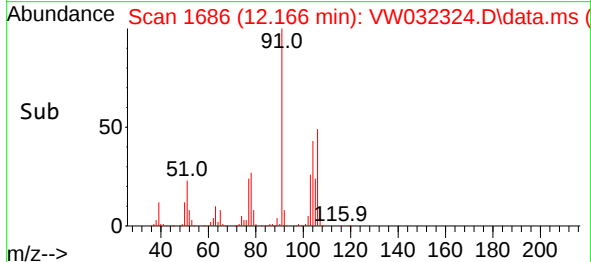
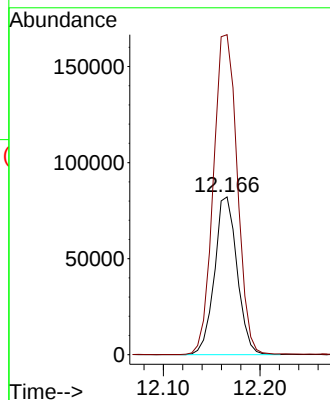
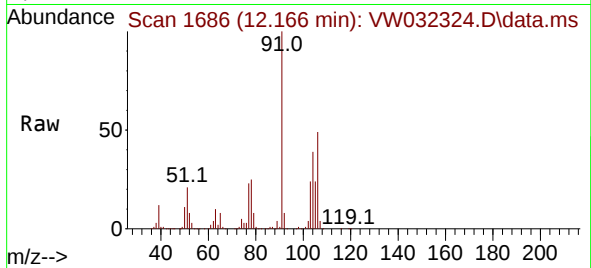




#69
o-Xylene
Concen: 20.798 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

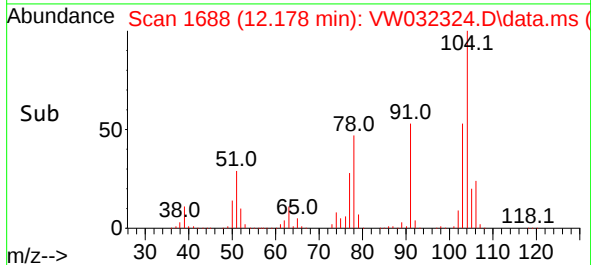
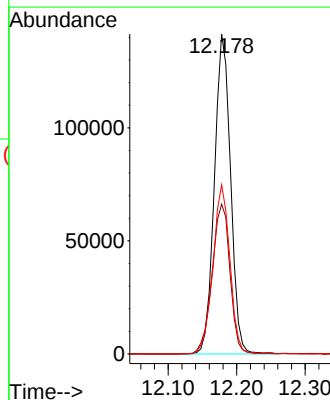
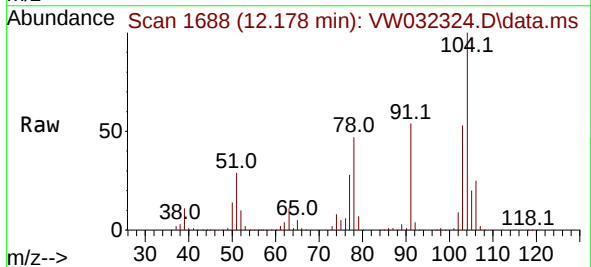
Instrument :
MSVOA_W
ClientSampleId :

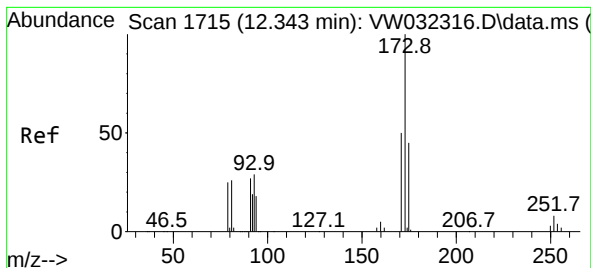
Tgt Ion:106 Resp: 133223
Ion Ratio Lower Upper
106 100
91 215.1 108.7 326.3



#70
Styrene
Concen: 20.723 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion:104 Resp: 231753
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 55.3 44.8 67.2





#71

Bromoform

Concen: 20.956 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

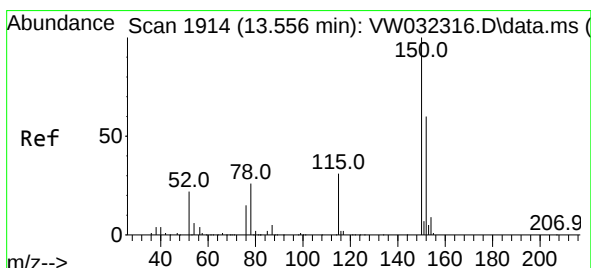
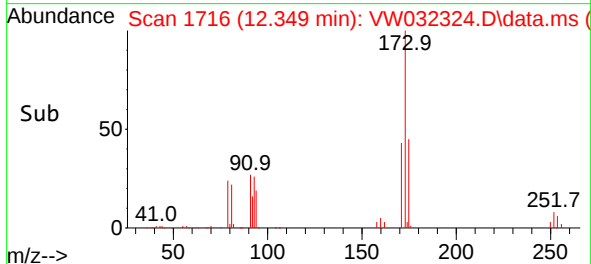
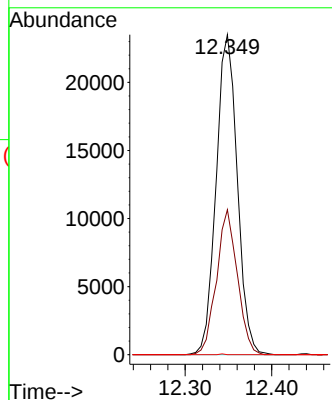
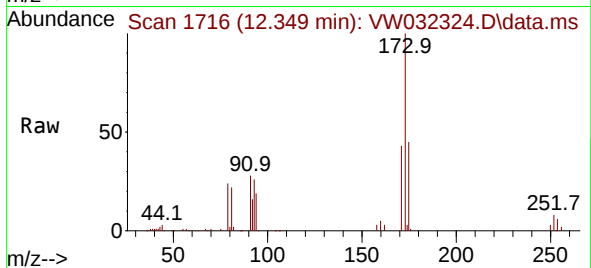
Tgt Ion:173 Resp: 39869

Ion Ratio Lower Upper

173 100

175 44.7 24.9 74.7

254 0.1 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: VW032324.D

Acq: 02 Oct 2025 11:48

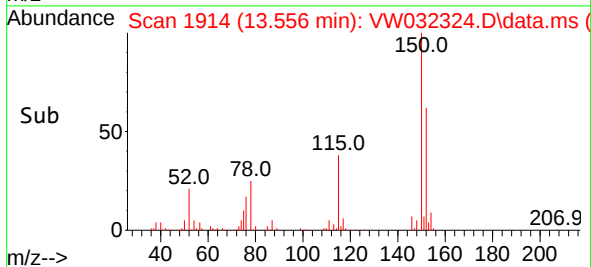
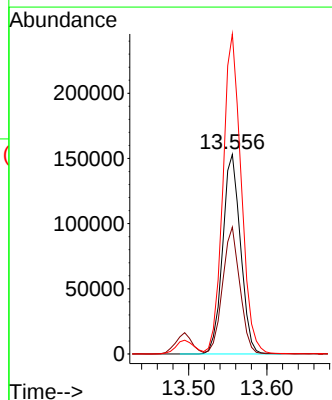
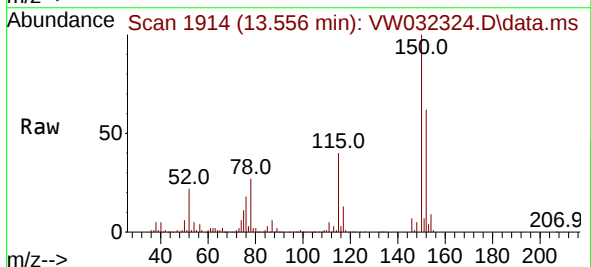
Tgt Ion:152 Resp: 242228

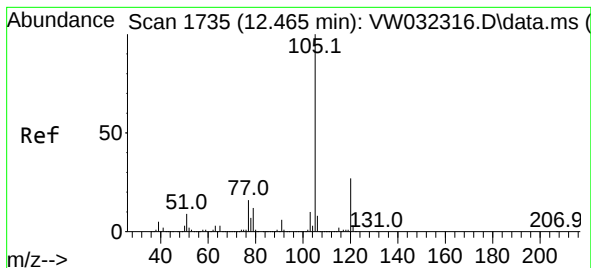
Ion Ratio Lower Upper

152 100

115 61.5 31.8 95.4

150 164.1 0.0 343.0





#73

Isopropylbenzene

Concen: 19.982 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

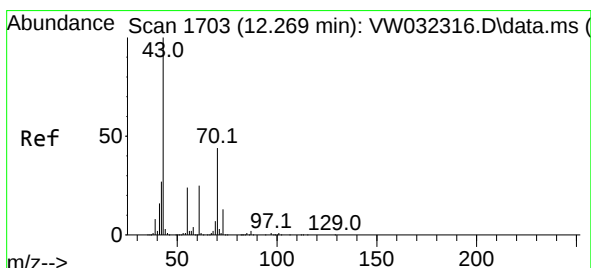
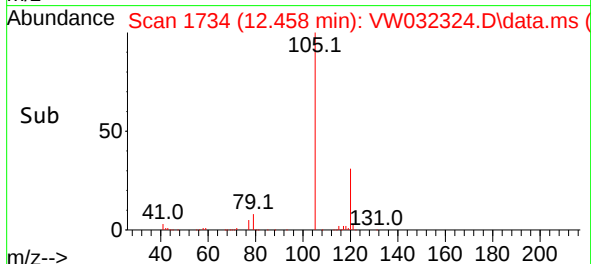
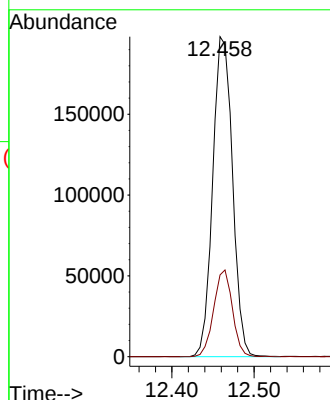
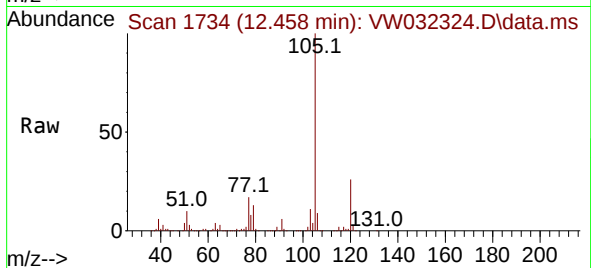
ClientSampleId :

Tgt Ion:105 Resp: 331142

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#74

N-ethyl acetate

Concen: 20.134 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Tgt Ion: 43 Resp: 106443

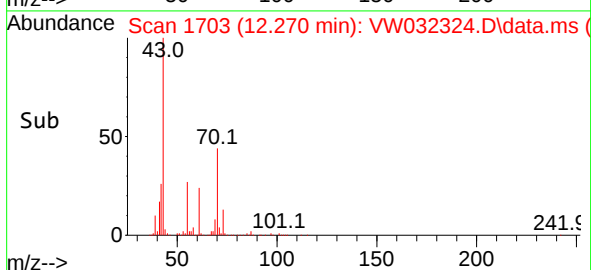
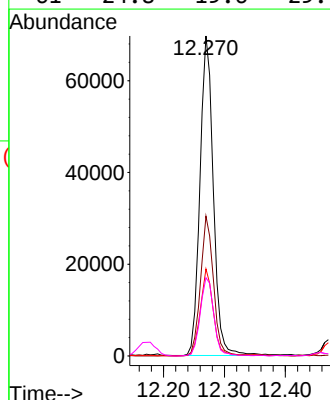
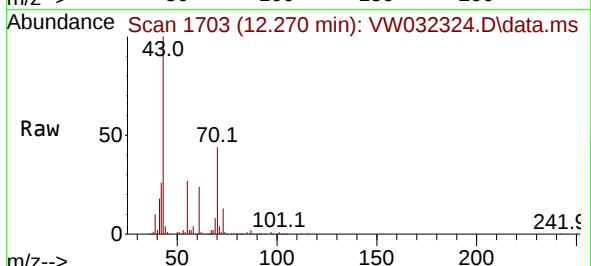
Ion Ratio Lower Upper

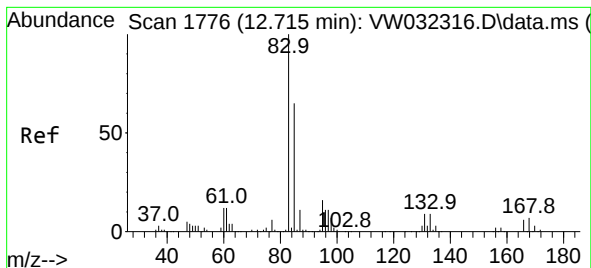
43 100

70 42.7 35.3 52.9

55 26.3 19.9 29.9

61 24.8 19.6 29.4

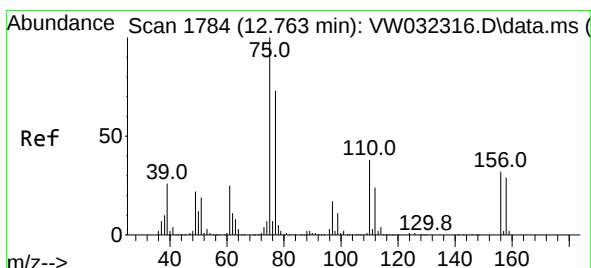
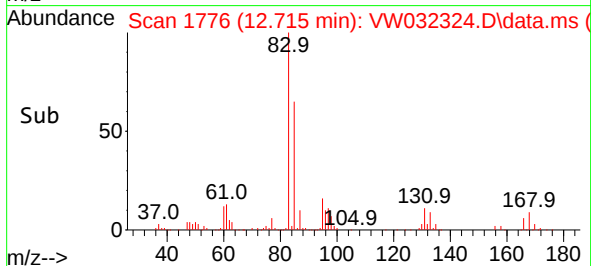
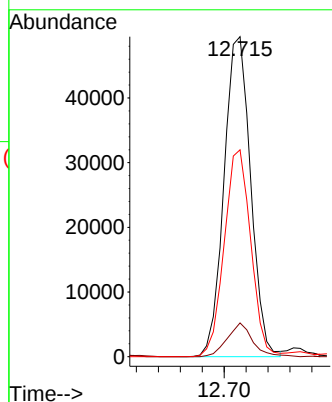
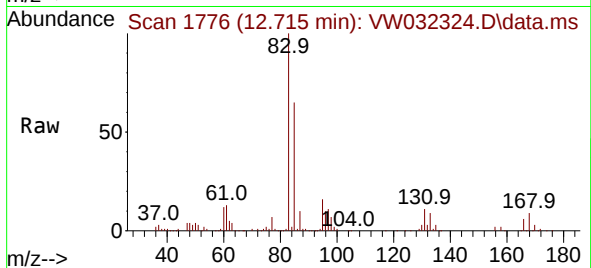




#75
1,1,2,2-Tetrachloroethane
Concen: 20.290 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

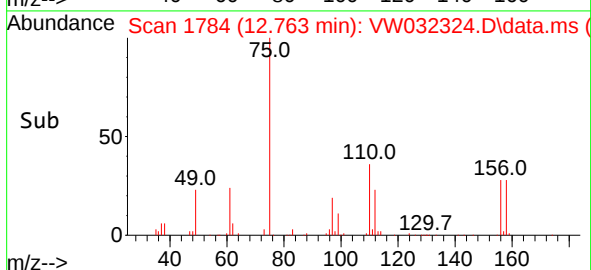
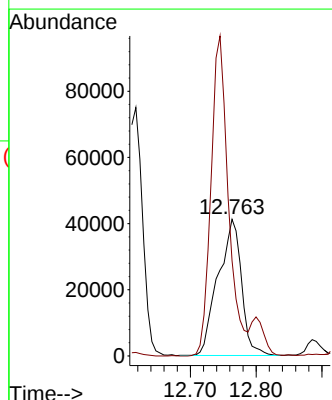
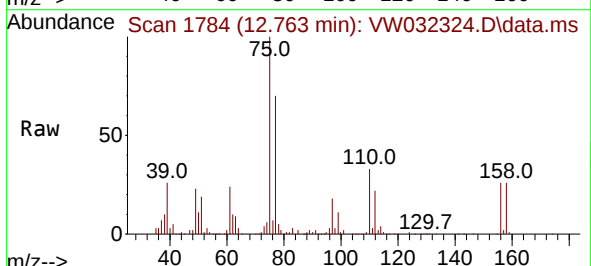
Instrument :
MSVOA_W
ClientSampleId :

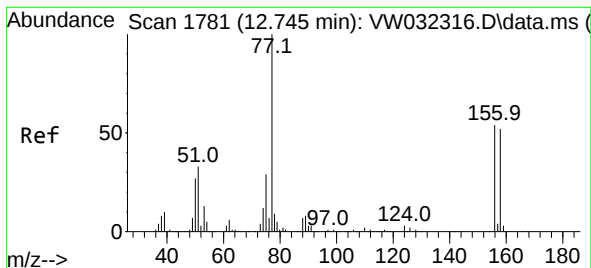
Tgt Ion: 83 Resp: 83489
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 31.972 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 75 Resp: 101915
Ion Ratio Lower Upper
75 100
77 176.4 141.7 425.1





#77

Bromobenzene

Concen: 20.089 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

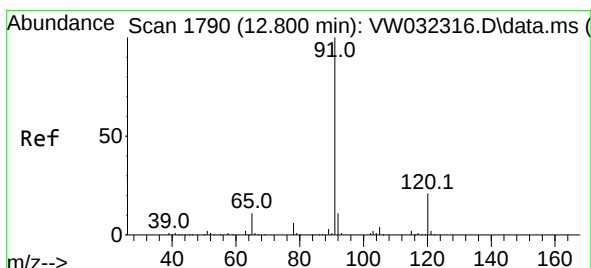
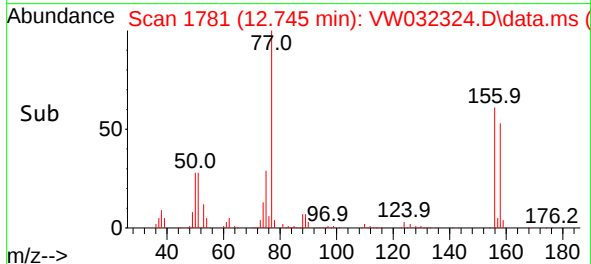
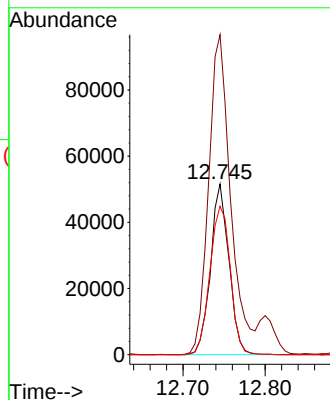
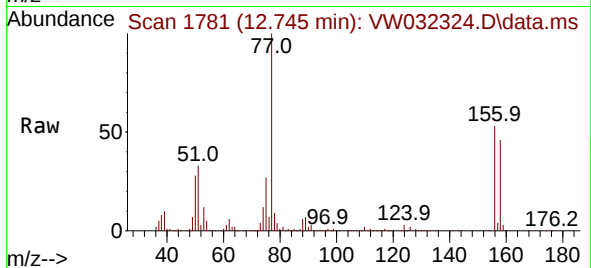
Tgt Ion:156 Resp: 80252

Ion Ratio Lower Upper

156 100

77 224.0 98.6 295.7

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 20.762 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW032324.D

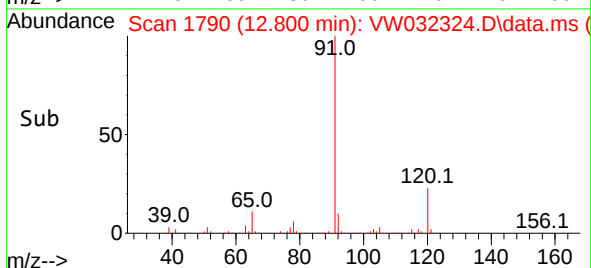
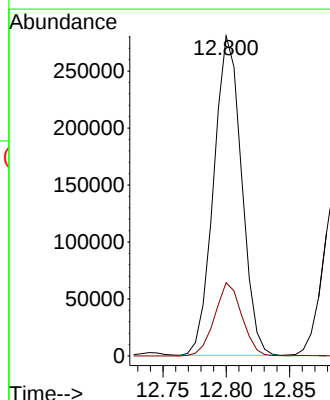
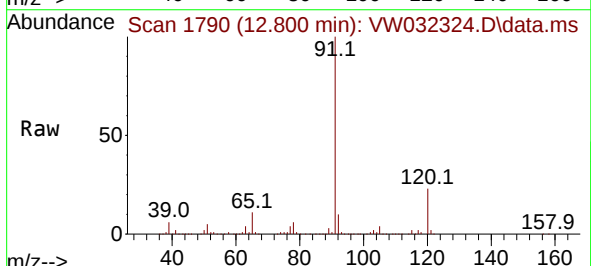
Acq: 02 Oct 2025 11:48

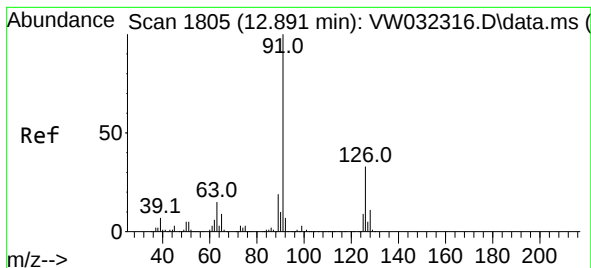
Tgt Ion: 91 Resp: 429786

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.402 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

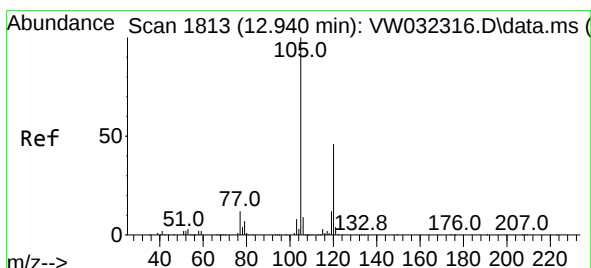
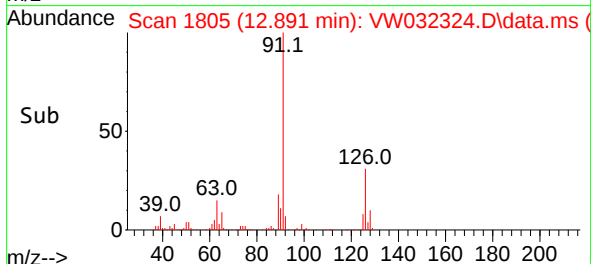
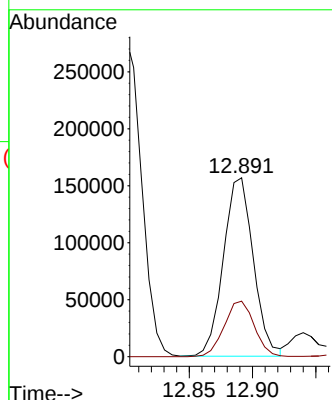
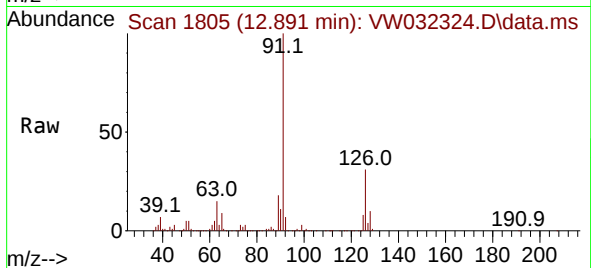
ClientSampleId :

Tgt Ion: 91 Resp: 258238

Ion Ratio Lower Upper

91 100

126 31.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 20.409 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW032324.D

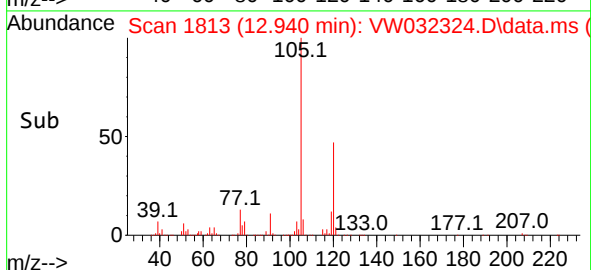
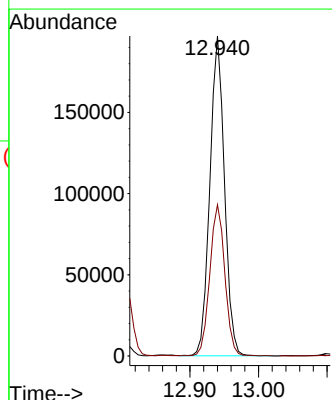
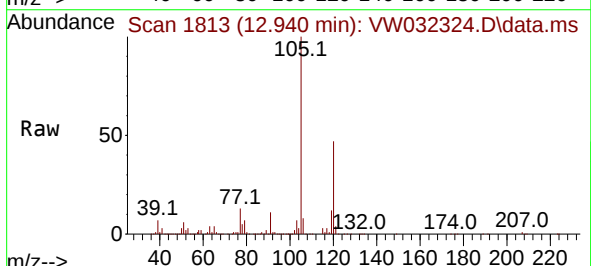
Acq: 02 Oct 2025 11:48

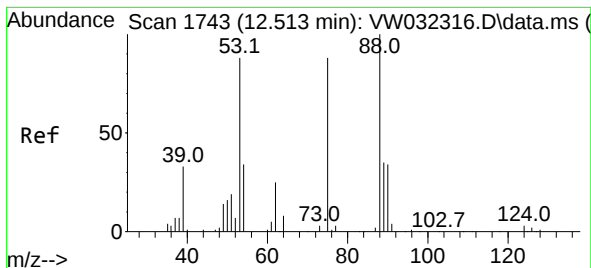
Tgt Ion:105 Resp: 292453

Ion Ratio Lower Upper

105 100

120 48.4 24.8 74.4

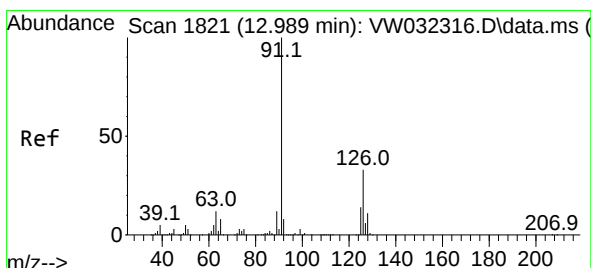
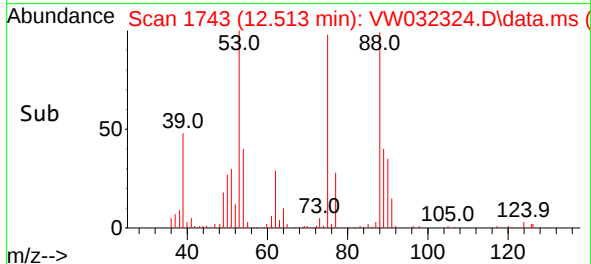
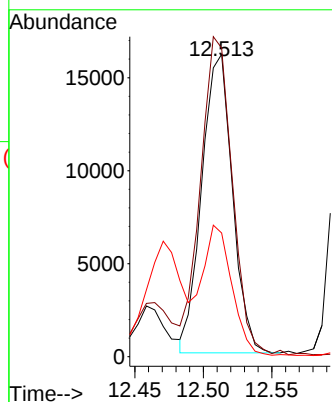
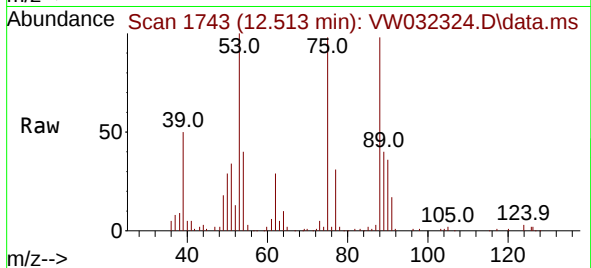




#81
trans-1,4-Dichloro-2-butene
Concen: 19.844 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

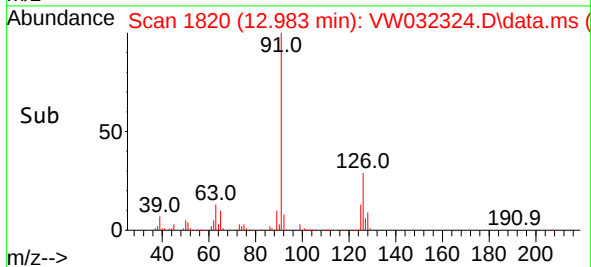
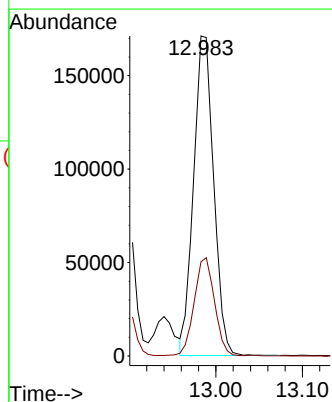
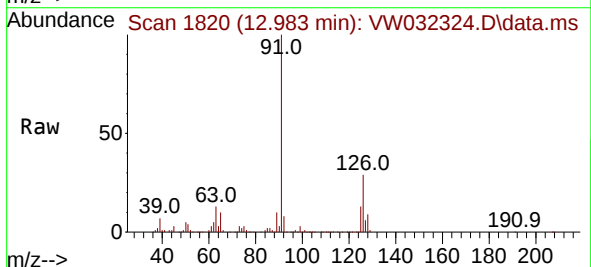
Instrument :
MSVOA_W
ClientSampleId :

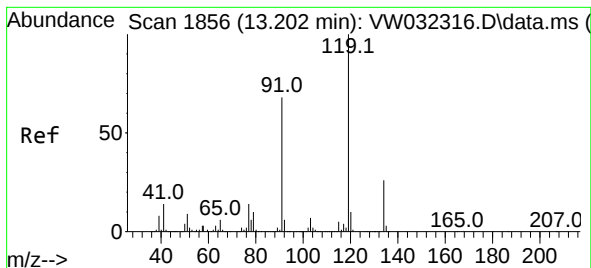
Tgt Ion: 75 Resp: 24970
Ion Ratio Lower Upper
75 100
53 111.3 91.0 136.6
89 43.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.454 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

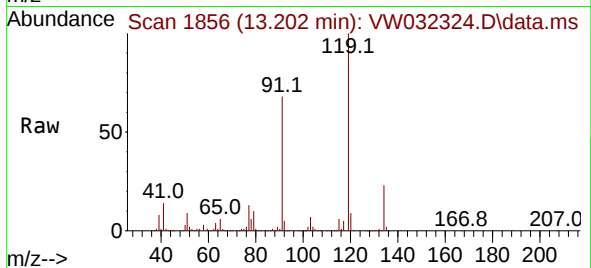
Tgt Ion: 91 Resp: 275242
Ion Ratio Lower Upper
91 100
126 31.0 16.1 48.2



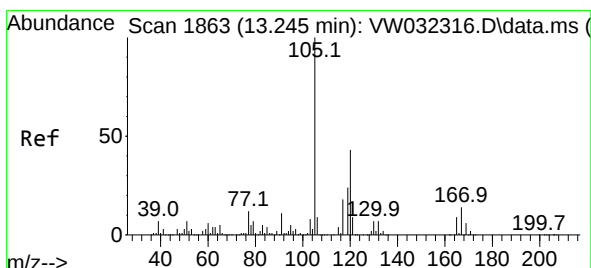
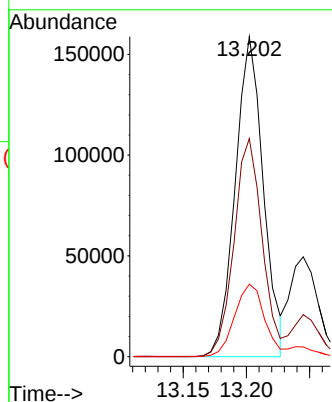
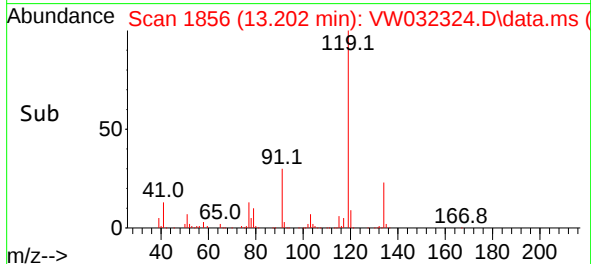


#83
tert-Butylbenzene
Concen: 20.911 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

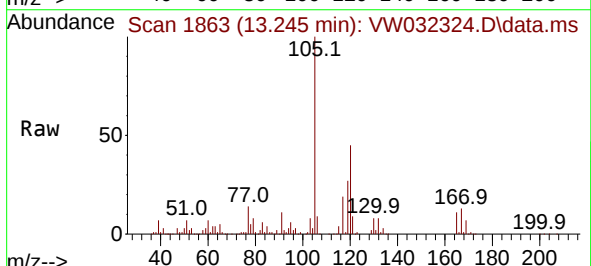
Instrument :
MSVOA_W
ClientSampleId :



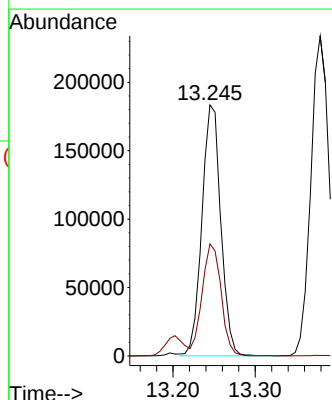
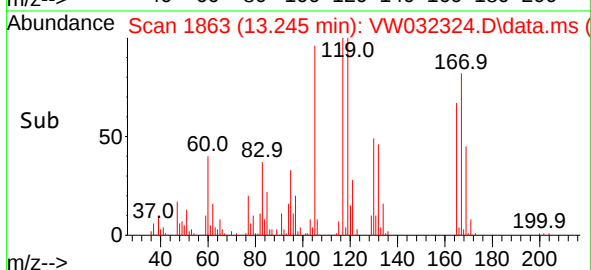
Tgt Ion:119 Resp: 245859
Ion Ratio Lower Upper
119 100
91 68.0 33.8 101.3
134 24.5 12.5 37.5

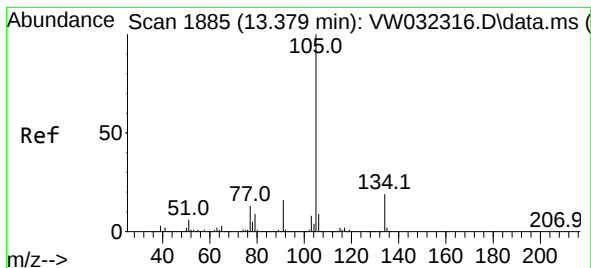


#84
1,2,4-Trimethylbenzene
Concen: 20.075 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48



Tgt Ion:105 Resp: 292513
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.411 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

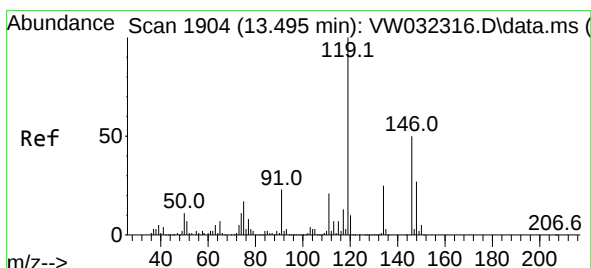
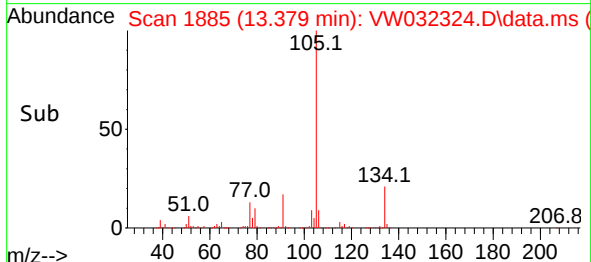
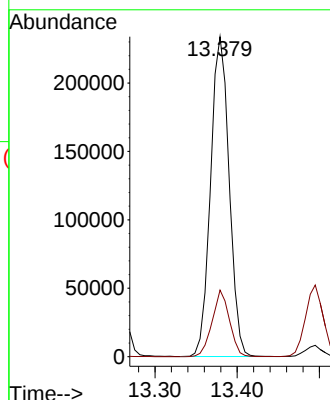
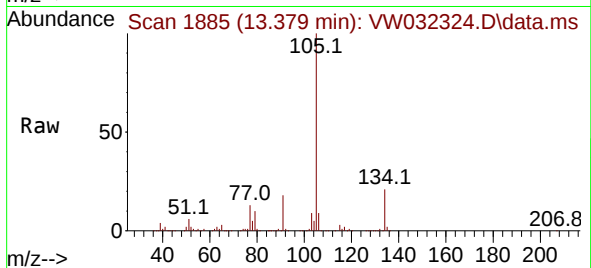
ClientSampleId :

Tgt Ion:105 Resp: 366744

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.078 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

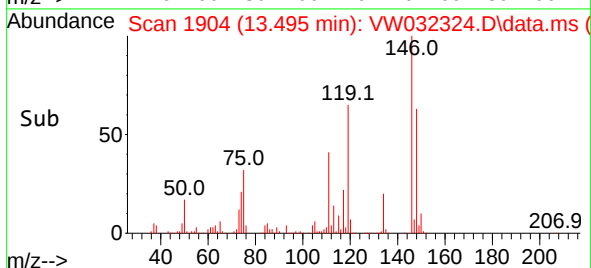
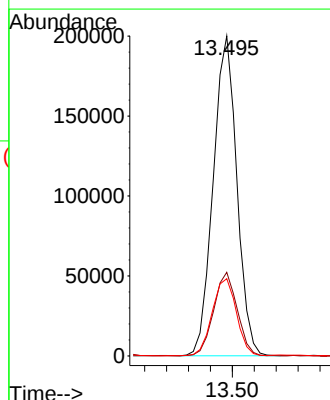
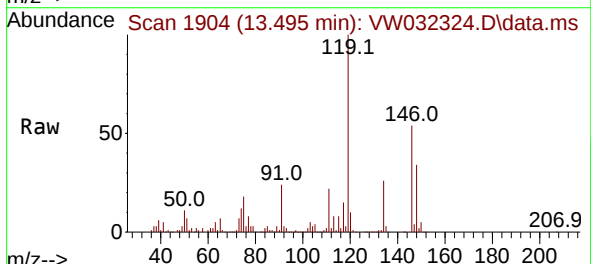
Tgt Ion:119 Resp: 299340

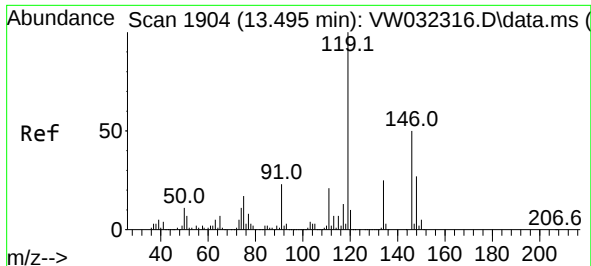
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.6

91 24.6 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.502 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

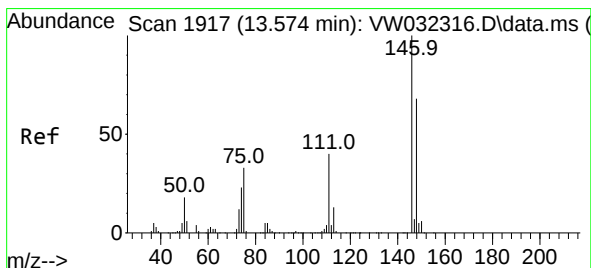
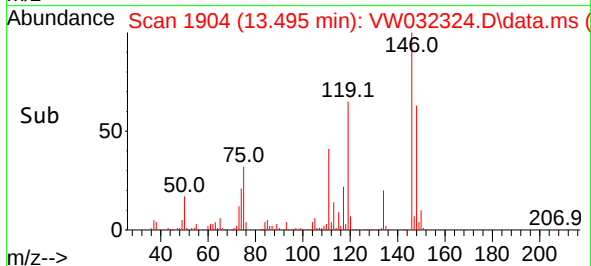
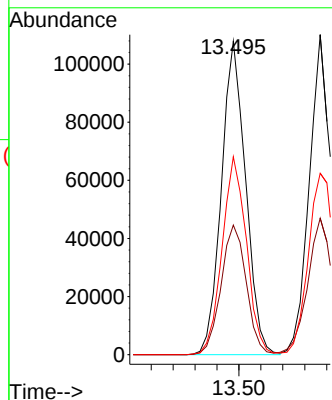
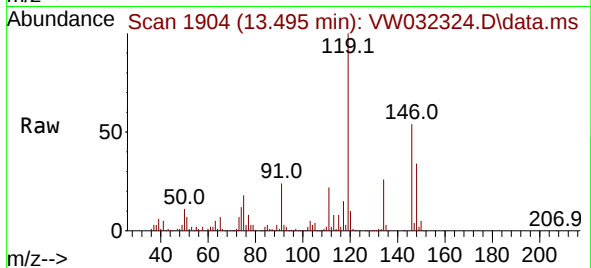
Tgt Ion:146 Resp: 165842

Ion Ratio Lower Upper

146 100

111 42.9 20.6 61.9

148 63.3 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 19.772 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

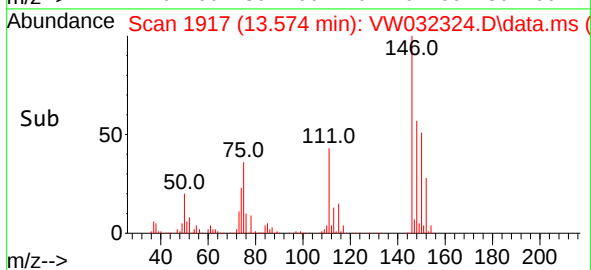
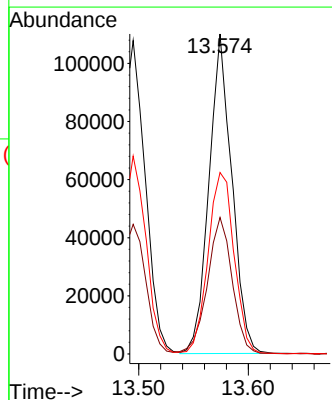
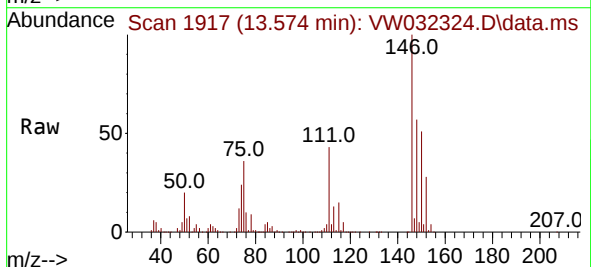
Tgt Ion:146 Resp: 159923

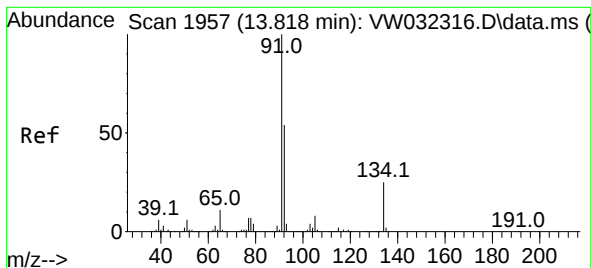
Ion Ratio Lower Upper

146 100

111 46.1 21.3 63.7

148 64.8 33.4 100.1





#89

n-Butylbenzene

Concen: 20.007 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032324.D

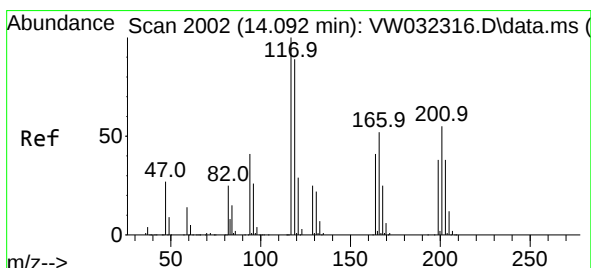
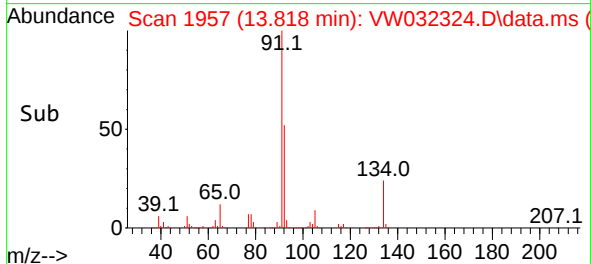
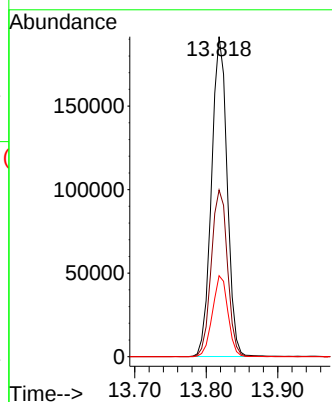
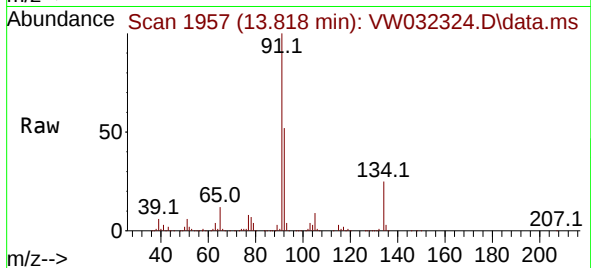
Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	291226
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	25.0	13.1	39.3



#90

Hexachloroethane

Concen: 19.884 ug/l

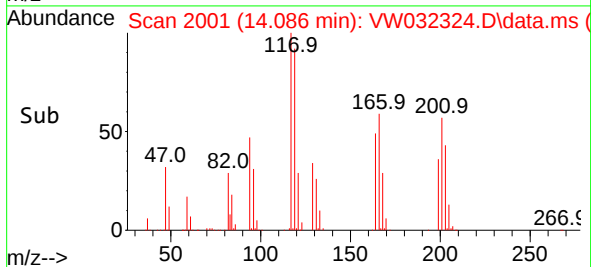
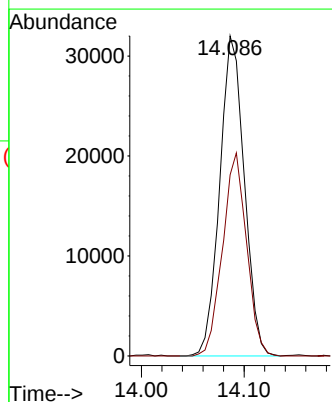
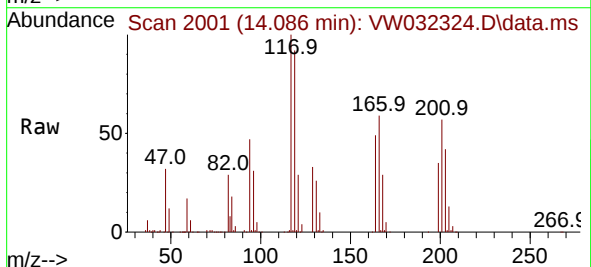
RT: 14.086 min Scan# 2001

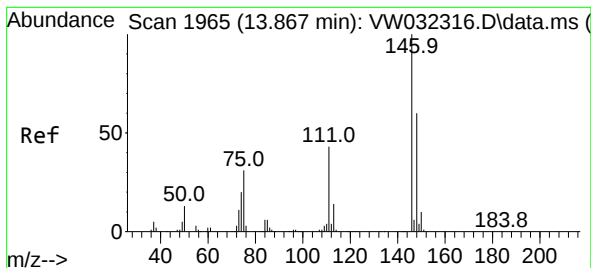
Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Tgt Ion:	117	Resp:	53135
Ion	Ratio	Lower	Upper
117	100		
201	62.1	32.8	98.4

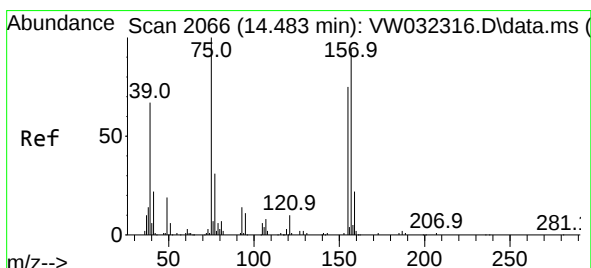
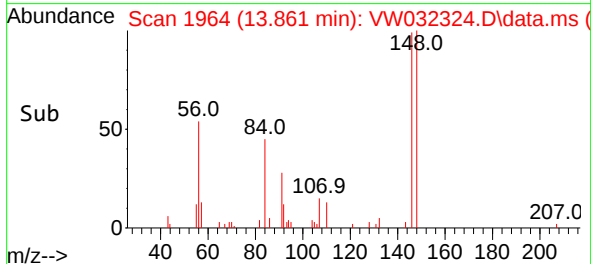
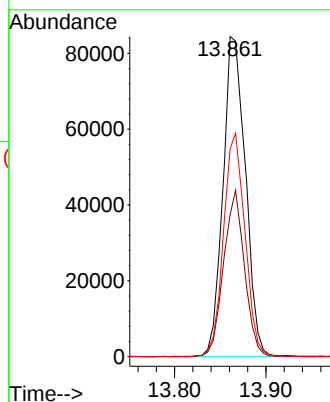
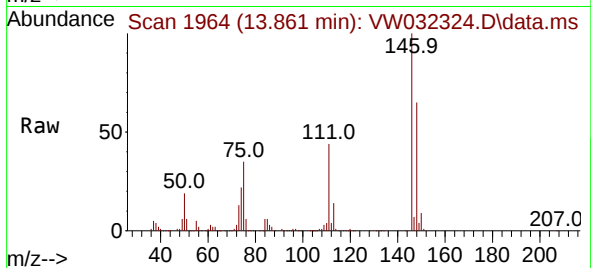




#91
1,2-Dichlorobenzene
Concen: 19.744 ug/l
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

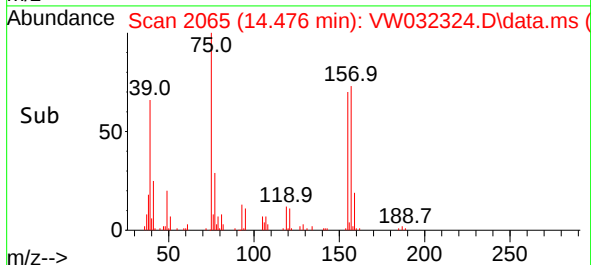
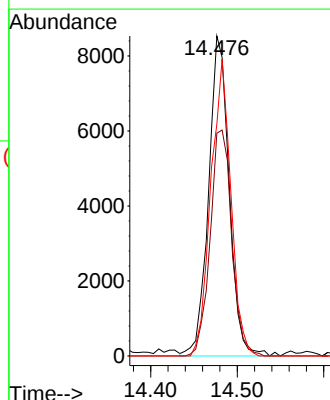
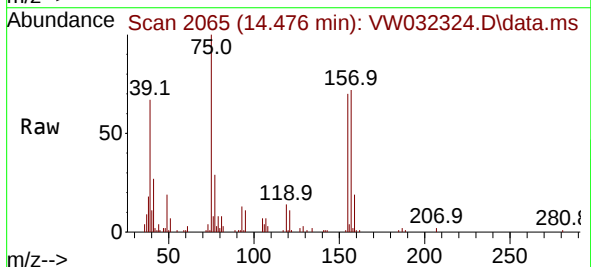
Instrument :
MSVOA_W
ClientSampleId :

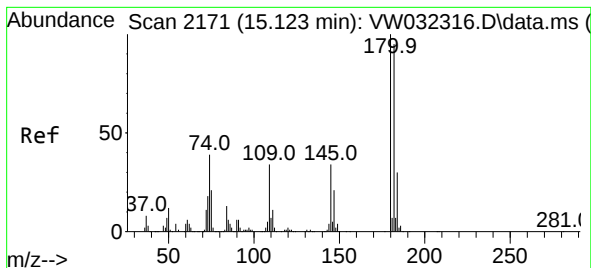
Tgt Ion:146 Resp: 144371
Ion Ratio Lower Upper
146 100
111 48.4 23.4 70.0
148 66.9 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.575 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032324.D
Acq: 02 Oct 2025 11:48

Tgt Ion: 75 Resp: 14103
Ion Ratio Lower Upper
75 100
155 73.8 40.8 122.5
157 90.0 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 20.005 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

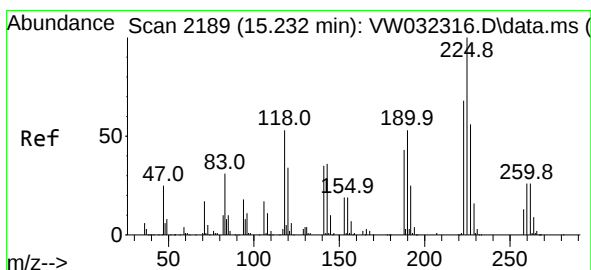
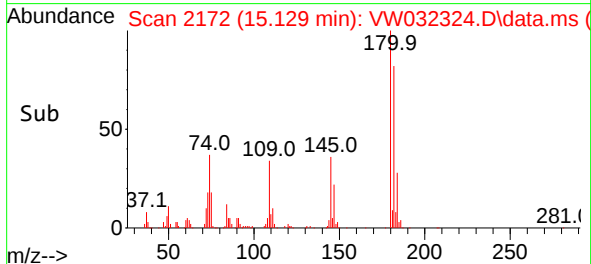
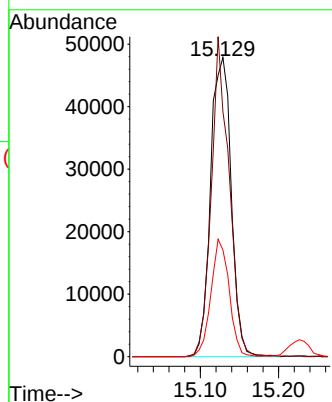
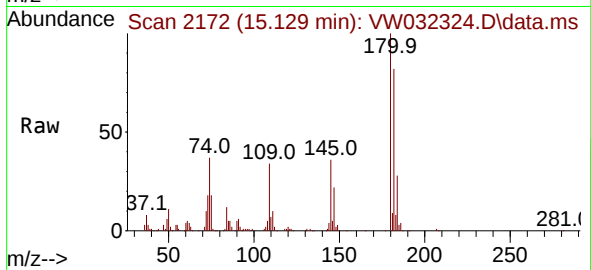
Tgt Ion:180 Resp: 87719

Ion Ratio Lower Upper

180 100

182 91.8 47.4 142.2

145 34.7 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.831 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

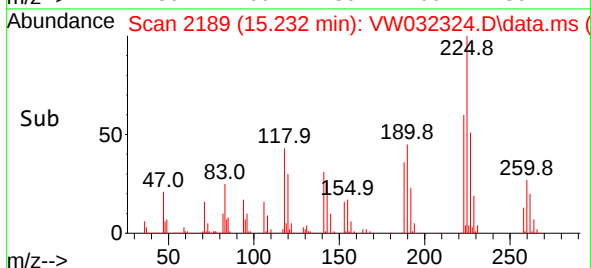
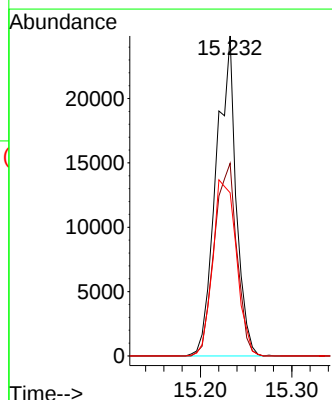
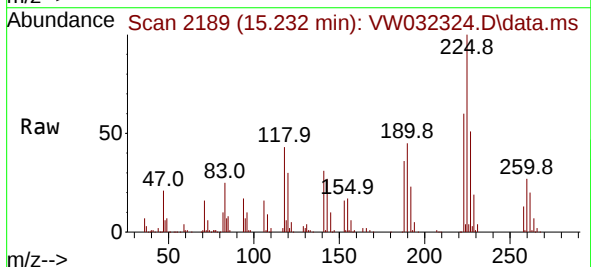
Tgt Ion:225 Resp: 37751

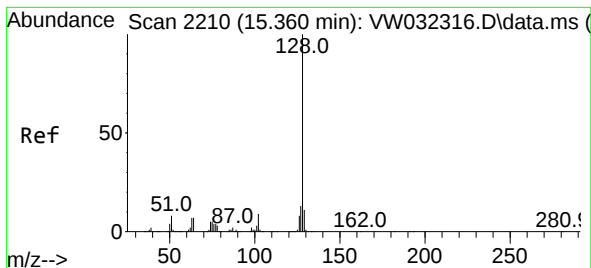
Ion Ratio Lower Upper

225 100

223 67.8 29.8 89.3

227 65.3 30.5 91.5





#95

Naphthalene

Concen: 19.903 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Instrument :

MSVOA_W

ClientSampleId :

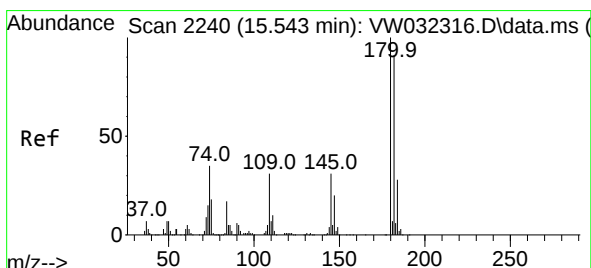
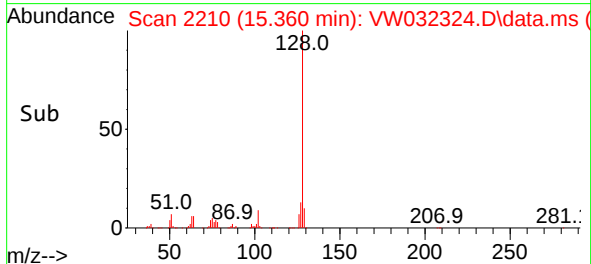
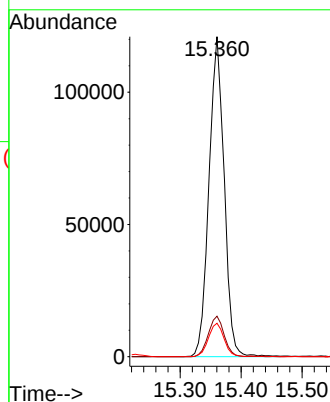
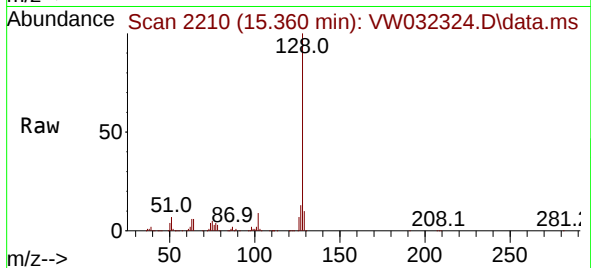
Tgt Ion:128 Resp: 209580

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.943 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW032324.D

Acq: 02 Oct 2025 11:48

Tgt Ion:180 Resp: 82423

Ion Ratio Lower Upper

180 100

182 87.8 47.7 143.1

145 36.4 17.2 51.6

