

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032313.D
 Acq On : 01 Oct 2025 13:12
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:12:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	284753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	526707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	478552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	234250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	21010	5.059	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.120%#		
35) Dibromofluoromethane	7.898	113	17458	5.118	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.240%#		
50) Toluene-d8	10.325	98	62281	4.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	9.900%#		
62) 4-Bromofluorobenzene	12.617	95	24882	5.229	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	9893	5.537	ug/l	96
3) Chloromethane	2.253	50	15140	5.491	ug/l	96
4) Vinyl Chloride	2.399	62	17809	5.410	ug/l	98
5) Bromomethane	2.832	94	13745	5.682	ug/l	87
6) Chloroethane	2.966	64	11537	5.309	ug/l	97
7) Trichlorofluoromethane	3.302	101	12133	4.923	ug/l	100
8) Diethyl Ether	3.722	74	11070	5.183	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.112	101	17336	5.865	ug/l #	87
10) Methyl Iodide	4.320	142	21442	5.084	ug/l	98
11) Tert butyl alcohol	5.210	59	8165	25.972	ug/l	97
12) 1,1-Dichloroethene	4.082	96	16745	5.218	ug/l	90
13) Acrolein	3.936	56	12931	25.344	ug/l	97
14) Allyl chloride	4.704	41	27986	5.163	ug/l	90
15) Acrylonitrile	5.411	53	26916	24.226	ug/l	98
16) Acetone	4.167	43	33407	29.049	ug/l	100
17) Carbon Disulfide	4.423	76	45031	5.143	ug/l	100
18) Methyl Acetate	4.710	43	13618	4.134	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	30951	4.897	ug/l	95
20) Methylene Chloride	4.954	84	36441	4.732	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	18485	5.203	ug/l	98
22) Diisopropyl ether	6.338	45	54095	4.799	ug/l #	87
23) Vinyl Acetate	6.289	43	177543	23.579	ug/l	100
24) 1,1-Dichloroethane	6.252	63	35264	5.149	ug/l	96
25) 2-Butanone	7.203	43	38549	24.612	ug/l	95
26) 2,2-Dichloropropane	7.191	77	18751	5.352	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	21855	5.120	ug/l	93
28) Bromochloromethane	7.533	49	16126	5.005	ug/l	87
29) Tetrahydrofuran	7.557	42	22855	23.204	ug/l	92
30) Chloroform	7.691	83	35798	5.154	ug/l	93
31) Cyclohexane	7.971	56	34981	5.983	ug/l #	87
32) 1,1,1-Trichloroethane	7.886	97	25812	5.244	ug/l	98
36) 1,1-Dichloropropene	8.093	75	24817	5.155	ug/l	98
37) Ethyl Acetate	7.276	43	15932	4.972	ug/l	96
38) Carbon Tetrachloride	8.087	117	23500	5.188	ug/l	99
39) Methylcyclohexane	9.343	83	30816	5.307	ug/l	95
40) Benzene	8.337	78	79933	5.297	ug/l	94

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Instrument :
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 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	7536	4.364	ug/l	99
42) 1,2-Dichloroethane	8.417	62	25632	5.192	ug/l	97
43) Isopropyl Acetate	8.441	43	26247	4.618	ug/l	97
44) Trichloroethene	9.099	130	18643	5.277	ug/l	98
45) 1,2-Dichloropropane	9.380	63	19476	5.171	ug/l	97
46) Dibromomethane	9.471	93	11793	5.092	ug/l	96
47) Bromodichloromethane	9.654	83	26693	5.039	ug/l	92
48) Methyl methacrylate	9.441	41	12470	4.512	ug/l #	90
49) 1,4-Dioxane	9.465	88	2732	86.306	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	76240	23.157	ug/l	97
52) Toluene	10.392	92	47870	5.094	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	23740	4.619	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	27985	4.727	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	16014	5.174	ug/l	93
56) Ethyl methacrylate	10.648	69	18666	4.308	ug/l	97
57) 1,3-Dichloropropane	10.934	76	27288	4.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	46589	20.206	ug/l	95
59) 2-Hexanone	10.971	43	53126	22.879	ug/l	96
60) Dibromochloromethane	11.129	129	16674	4.744	ug/l	95
61) 1,2-Dibromoethane	11.239	107	15062	4.990	ug/l	99
64) Tetrachloroethene	10.867	164	15638	5.461	ug/l	93
65) Chlorobenzene	11.660	112	55479	5.269	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.733	131	16206	4.942	ug/l	98
67) Ethyl Benzene	11.733	91	87214	4.969	ug/l	99
68) m/p-Xylenes	11.837	106	67346	9.951	ug/l	100
69) o-Xylene	12.166	106	30267	4.782	ug/l	98
70) Styrene	12.178	104	52147	4.719	ug/l	98
71) Bromoform	12.349	173	8566	4.557	ug/l #	99
73) Isopropylbenzene	12.465	105	77676	4.847	ug/l	100
74) N-amyl acetate	12.270	43	22577	4.416	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.715	83	20303	5.102	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	24658	7.977	ug/l	45
77) Bromobenzene	12.745	156	19313	4.999	ug/l	85
78) n-propylbenzene	12.800	91	100413	5.016	ug/l	96
79) 2-Chlorotoluene	12.891	91	61002	4.984	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	68864	4.969	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.507	75	4939	4.059	ug/l	87
82) 4-Chlorotoluene	12.989	91	66681	5.124	ug/l	99
83) tert-Butylbenzene	13.202	119	55879	4.914	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	69654	4.943	ug/l	100
85) sec-Butylbenzene	13.379	105	89212	5.134	ug/l	96
86) p-Isopropyltoluene	13.495	119	73385	5.090	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	41335	5.284	ug/l	94
88) 1,4-Dichlorobenzene	13.574	146	43076	5.507	ug/l	95
89) n-Butylbenzene	13.818	91	70466	5.006	ug/l	98
90) Hexachloroethane	14.086	117	13382	5.178	ug/l	96
91) 1,2-Dichlorobenzene	13.861	146	36095	5.104	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	3424	4.914	ug/l	84
93) 1,2,4-Trichlorobenzene	15.129	180	22385	5.279	ug/l	99
94) Hexachlorobutadiene	15.232	225	11196	5.775	ug/l	96
95) Naphthalene	15.360	128	45626	4.481	ug/l	98
96) 1,2,3-Trichlorobenzene	15.543	180	20926	5.236	ug/l	97

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Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

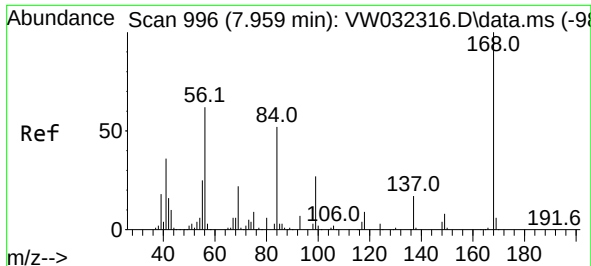
Quant Time: Oct 02 21:12:34 2025
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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

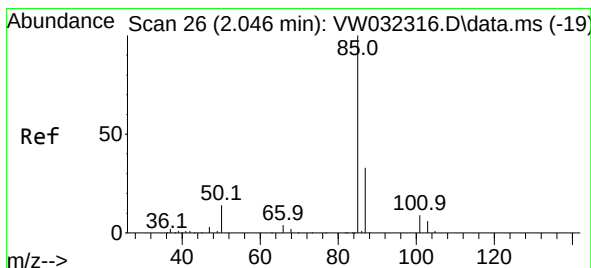
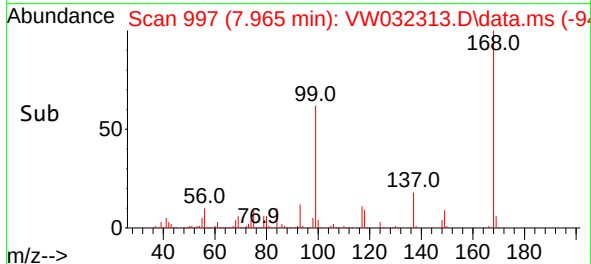
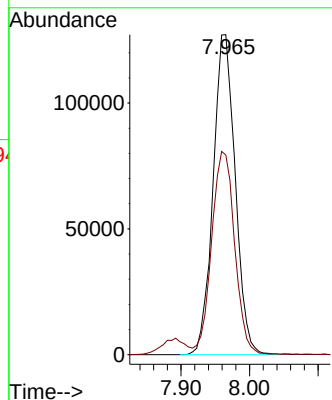
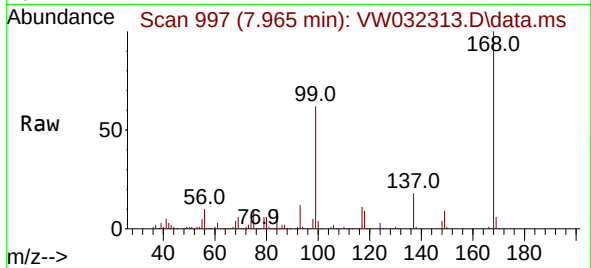




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

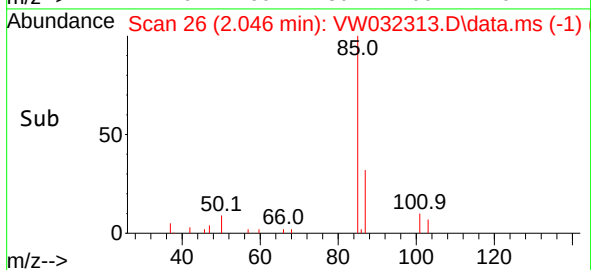
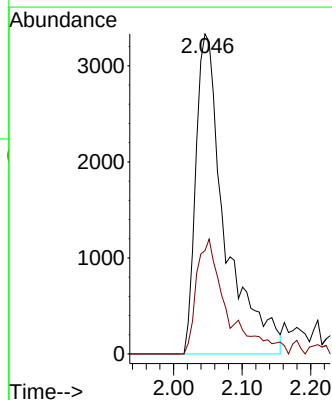
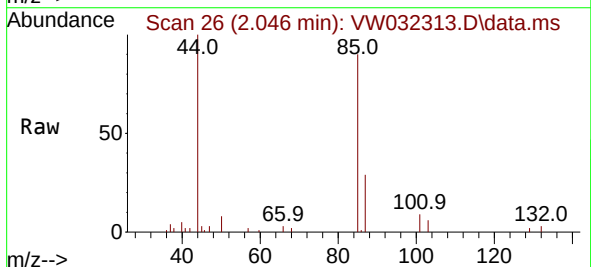
Instrument :
MSVOA_W
ClientSampleId :

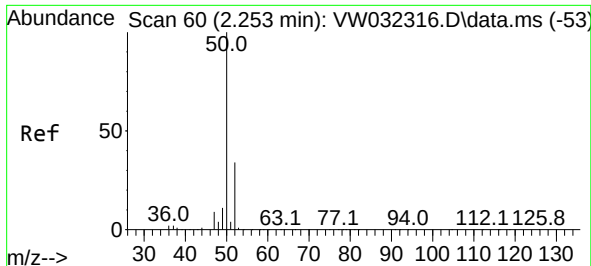
Tgt Ion:168 Resp: 284753
Ion Ratio Lower Upper
168 100
99 62.3 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 5.537 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 85 Resp: 9893
Ion Ratio Lower Upper
85 100
87 32.3 17.2 51.6

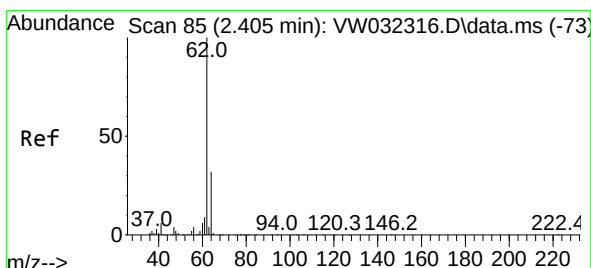
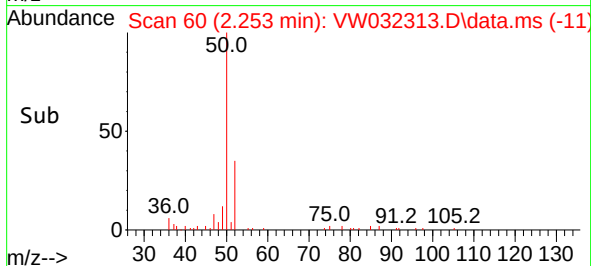
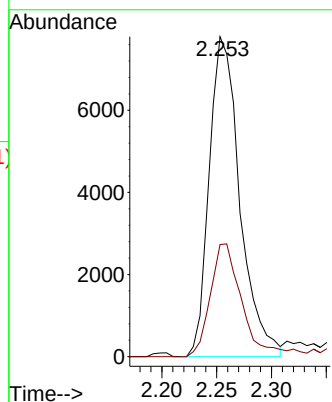
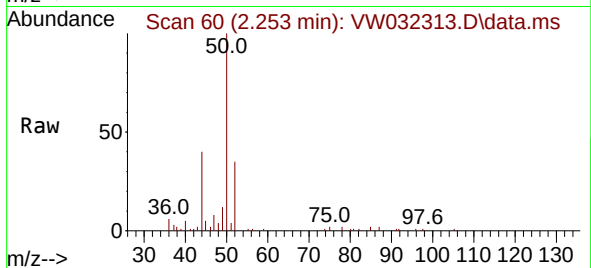




#3
Chloromethane
Concen: 5.491 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

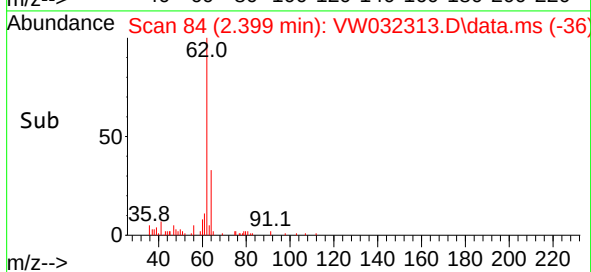
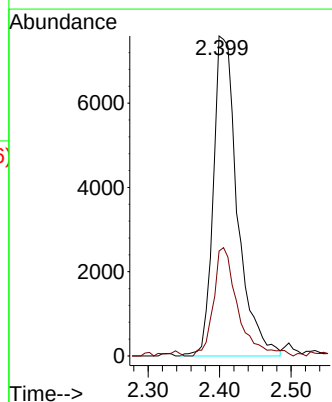
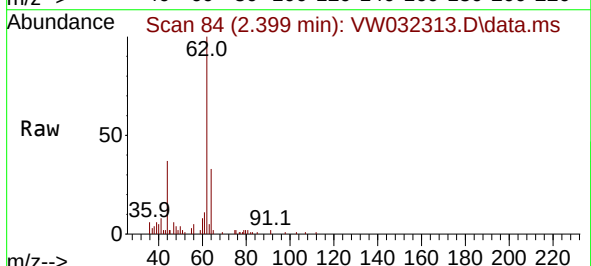
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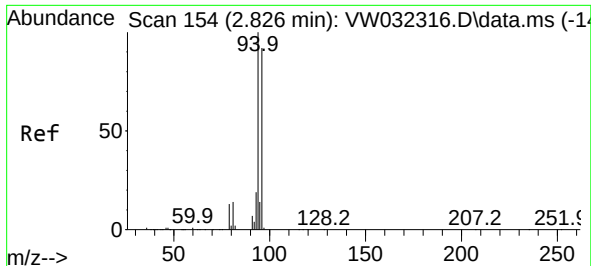
Tgt Ion: 50 Resp: 15140
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1



#4
Vinyl Chloride
Concen: 5.410 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 62 Resp: 17809
Ion Ratio Lower Upper
62 100
64 32.0 24.8 37.2

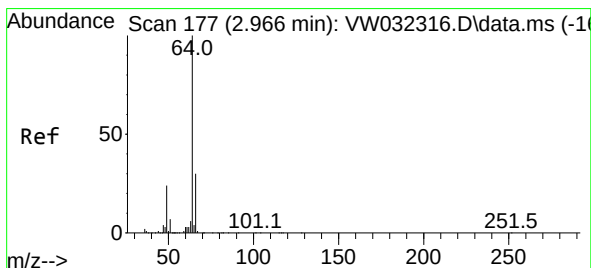
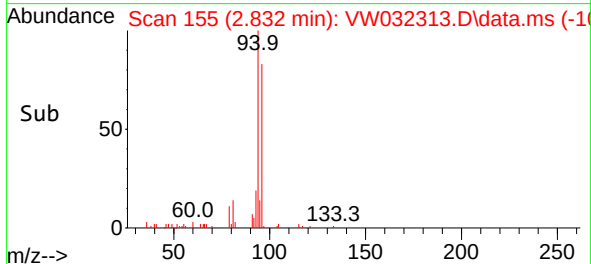
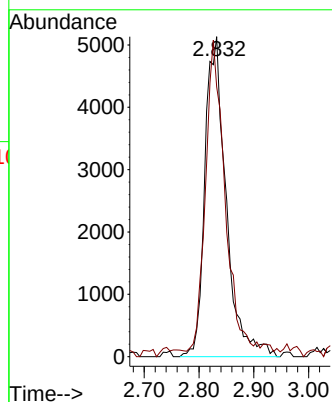
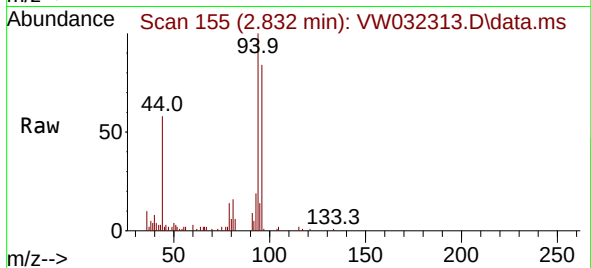




#5
Bromomethane
Concen: 5.682 ug/l
RT: 2.832 min Scan# 155
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

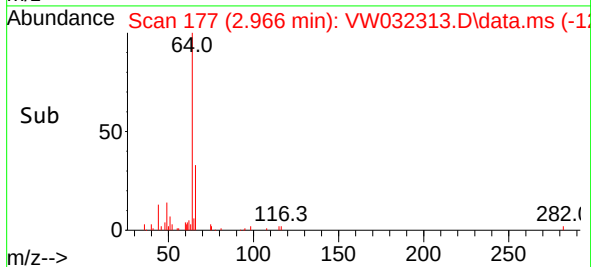
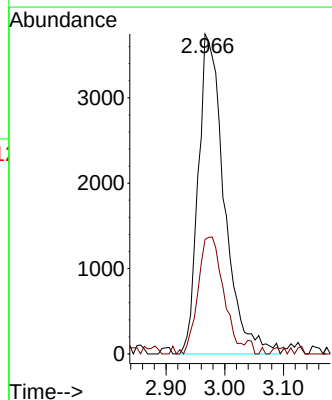
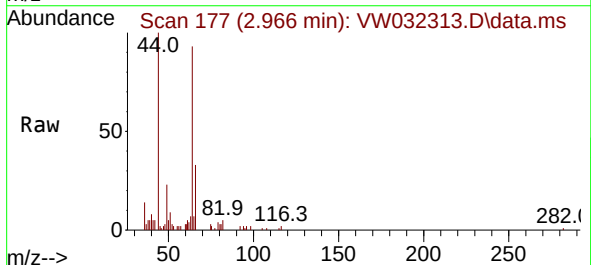
Instrument :
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ClientSampleId :

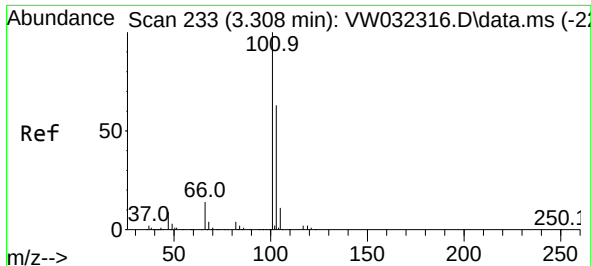
Tgt Ion: 94 Resp: 13745
Ion Ratio Lower Upper
94 100
96 82.8 76.6 115.0



#6
Chloroethane
Concen: 5.309 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 64 Resp: 11537
Ion Ratio Lower Upper
64 100
66 34.4 26.2 39.4

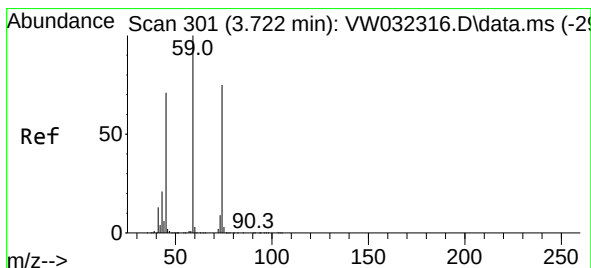
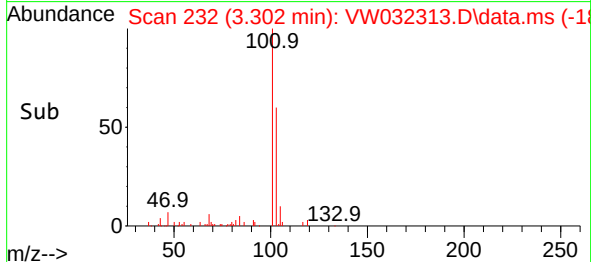
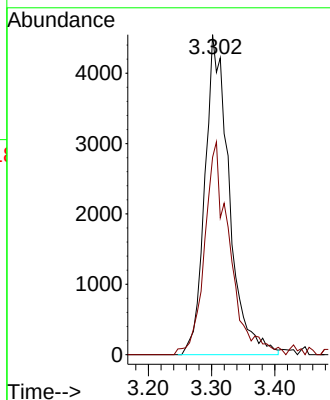
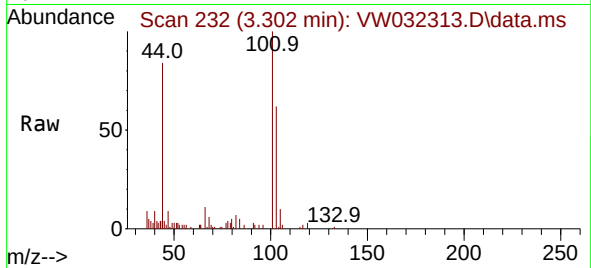




#7
 Trichlorofluoromethane
 Concen: 4.923 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032313.D
 Acq: 01 Oct 2025 13:12

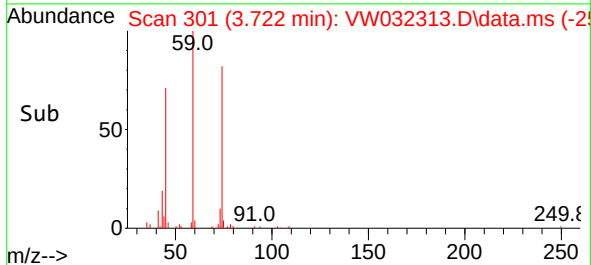
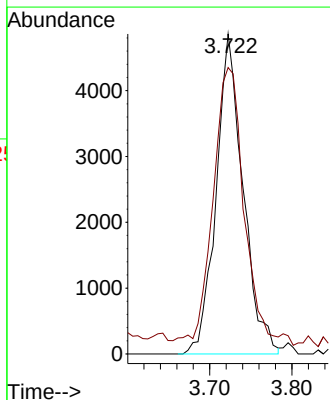
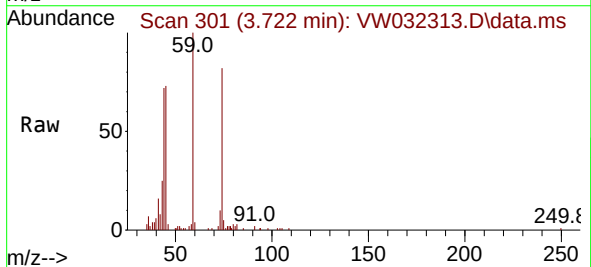
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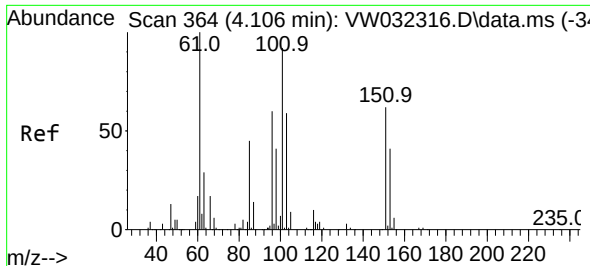
Tgt Ion:101 Resp: 12133
 Ion Ratio Lower Upper
 101 100
 103 59.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 5.183 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032313.D
 Acq: 01 Oct 2025 13:12

Tgt Ion: 74 Resp: 11070
 Ion Ratio Lower Upper
 74 100
 45 98.2 43.1 129.4

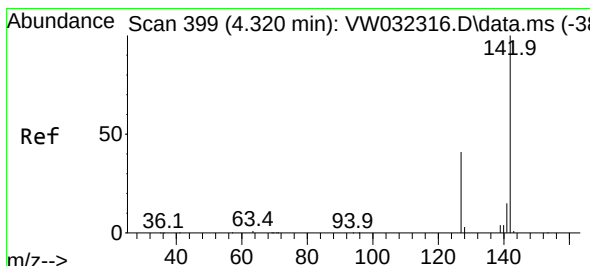
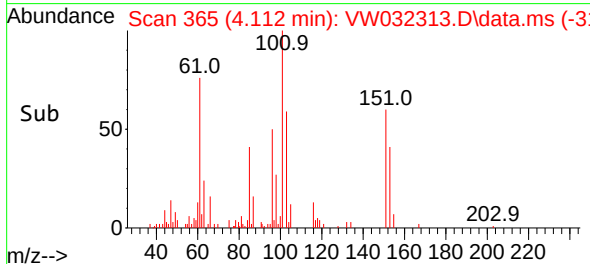
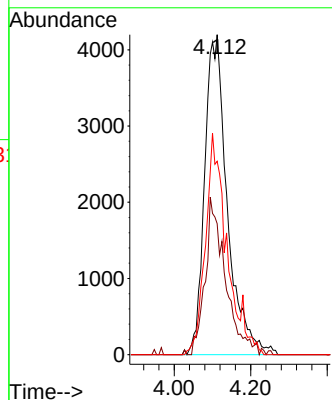
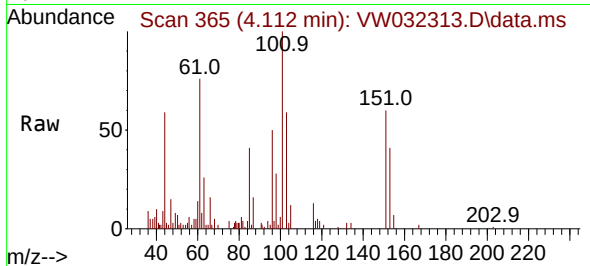




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.865 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

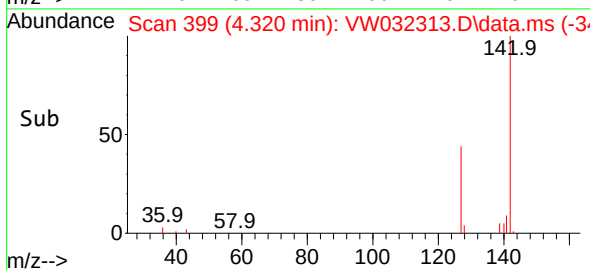
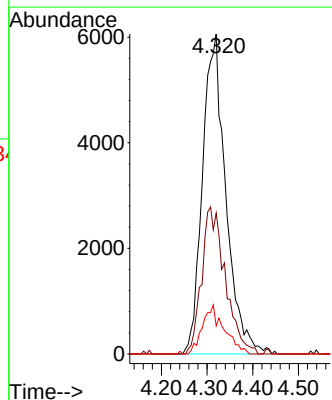
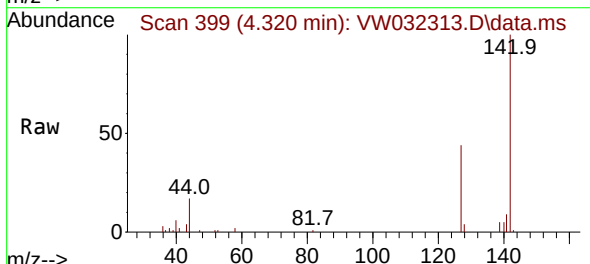
Instrument :
MSVOA_W
ClientSampleId :

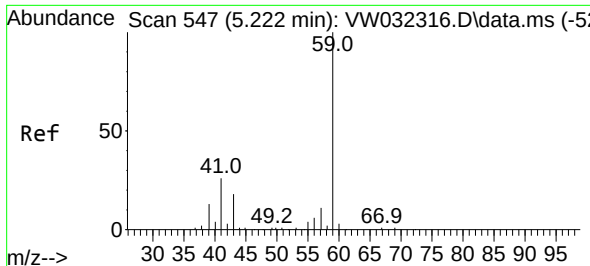
Tgt Ion:101 Resp: 17336
Ion Ratio Lower Upper
101 100
85 44.1 37.1 55.7
151 60.6 61.5 92.3#



#10
Methyl Iodide
Concen: 5.084 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

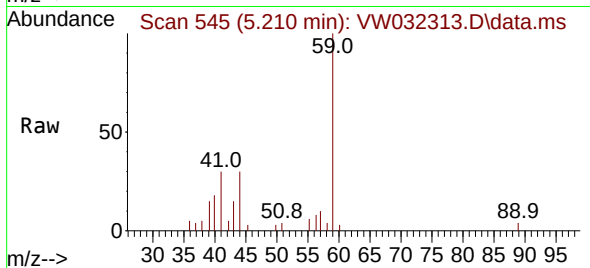
Tgt Ion:142 Resp: 21442
Ion Ratio Lower Upper
142 100
127 46.5 38.2 57.2
141 14.2 12.2 18.2



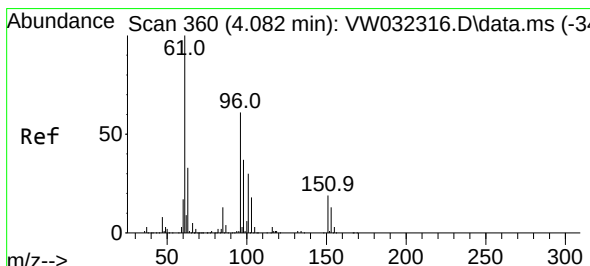
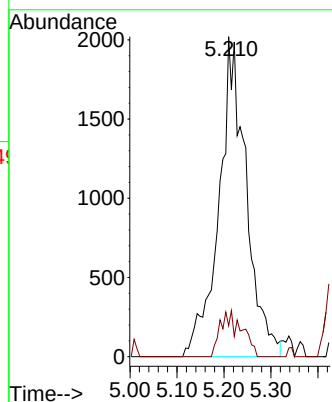
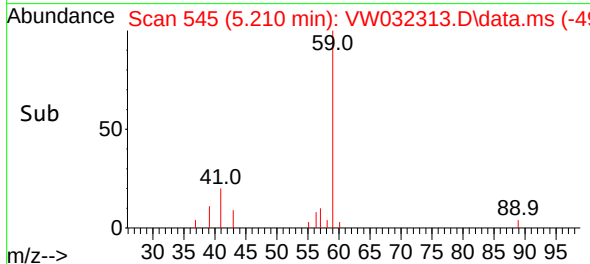


#11
Tert butyl alcohol
Concen: 25.972 ug/l
RT: 5.210 min Scan# 54
Delta R.T. -0.012 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Instrument :
MSVOA_W
ClientSampleId :

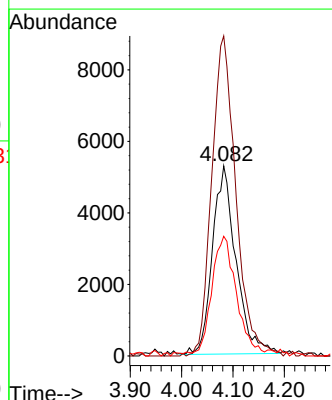
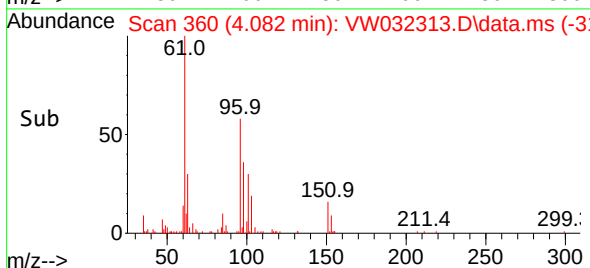
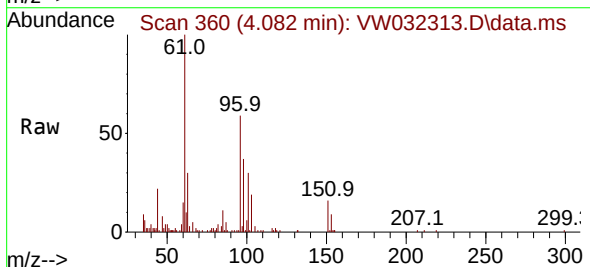


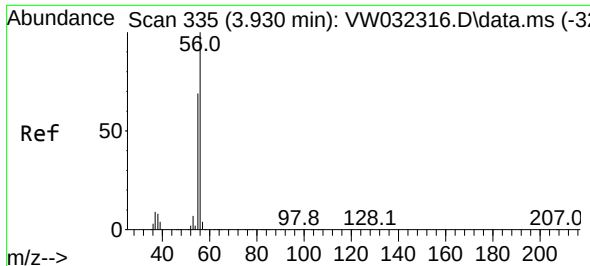
Tgt Ion: 59 Resp: 8165
Ion Ratio Lower Upper
59 100
57 11.2 9.8 14.6



#12
1,1-Dichloroethene
Concen: 5.218 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 96 Resp: 16745
Ion Ratio Lower Upper
96 100
61 170.5 123.0 184.4
98 62.3 48.5 72.7

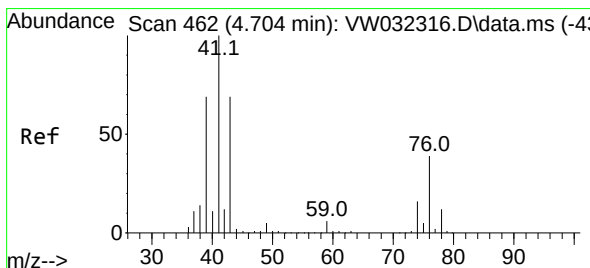
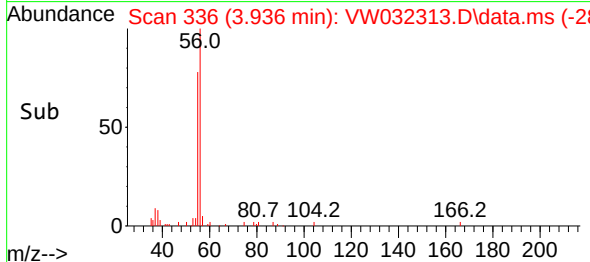
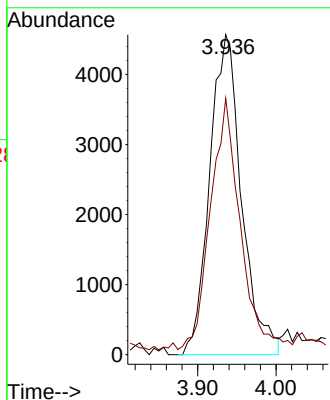
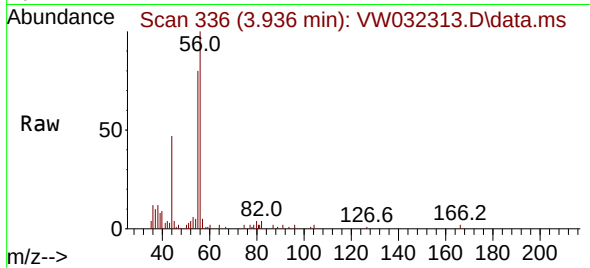




#13
Acrolein
Concen: 25.344 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

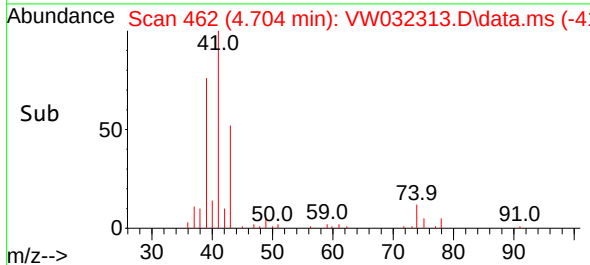
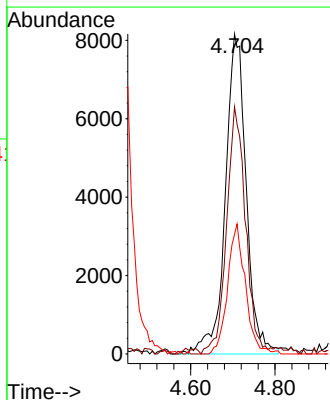
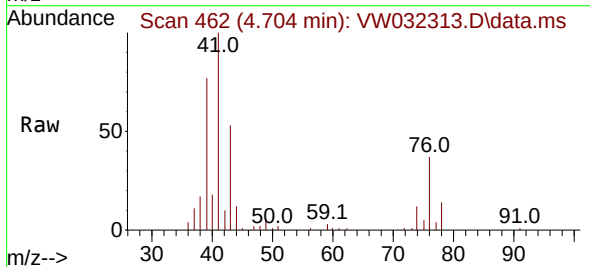
Instrument :
MSVOA_W
ClientSampleId :

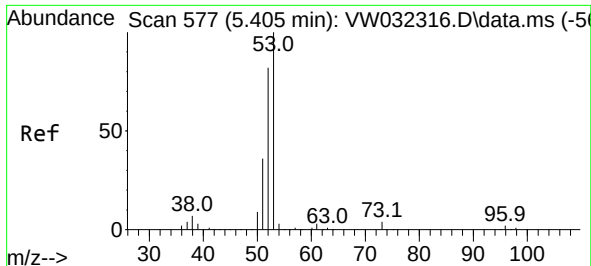
Tgt Ion: 56 Resp: 12931
Ion Ratio Lower Upper
56 100
55 73.0 56.4 84.6



#14
Allyl chloride
Concen: 5.163 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 41 Resp: 27986
Ion Ratio Lower Upper
41 100
39 70.3 64.1 96.1
76 34.7 31.4 47.2

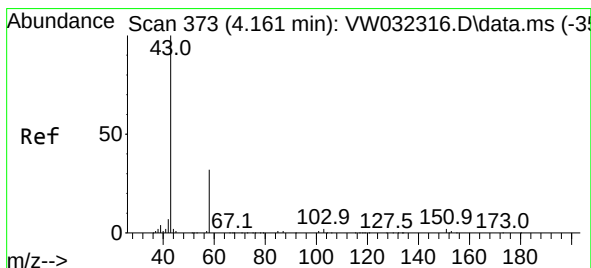
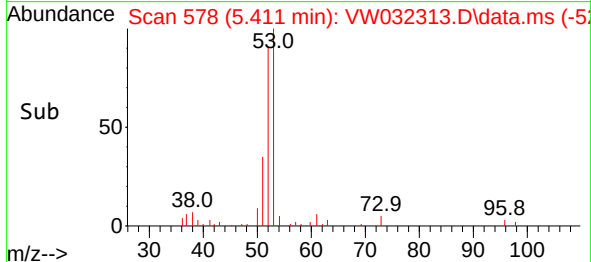
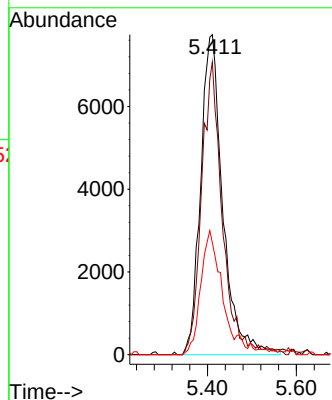
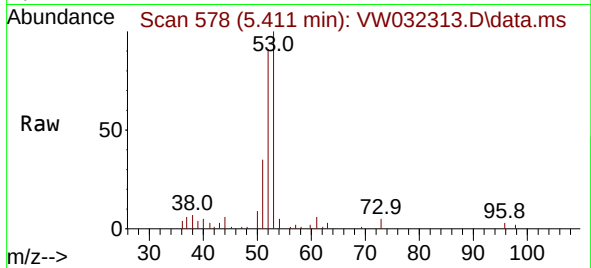




#15
Acrylonitrile
Concen: 24.226 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

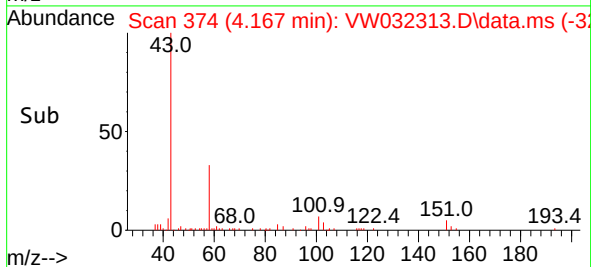
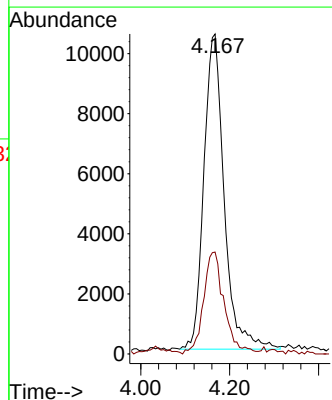
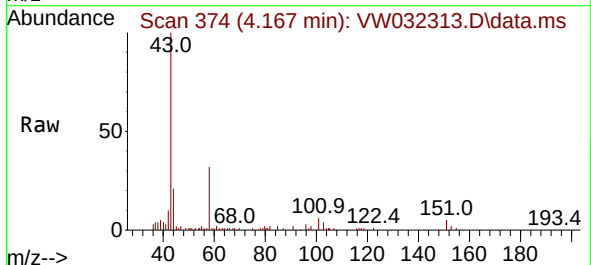
Instrument :
MSVOA_W
ClientSampleId :

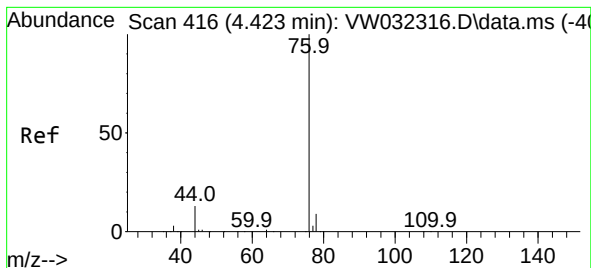
Tgt Ion: 53 Resp: 26916
Ion Ratio Lower Upper
53 100
52 84.6 67.4 101.2
51 35.2 30.3 45.5



#16
Acetone
Concen: 29.049 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 43 Resp: 33407
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9





#17

Carbon Disulfide

Concen: 5.143 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

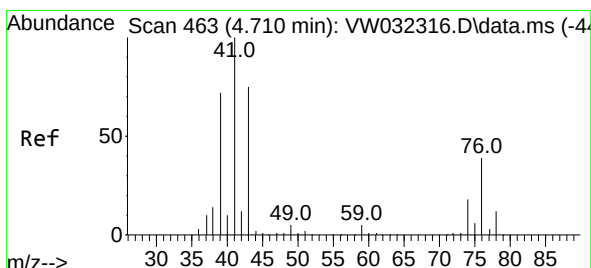
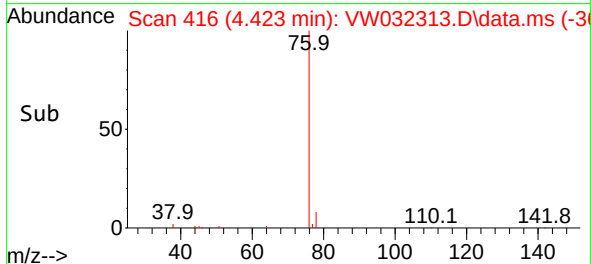
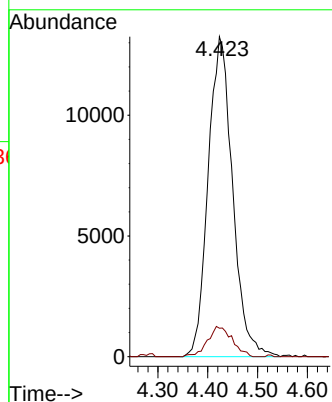
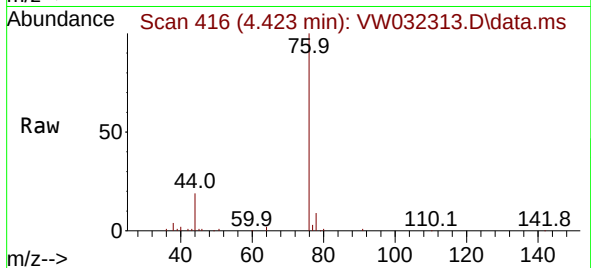
ClientSampleId :

Tgt Ion: 76 Resp: 45031

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 4.134 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032313.D

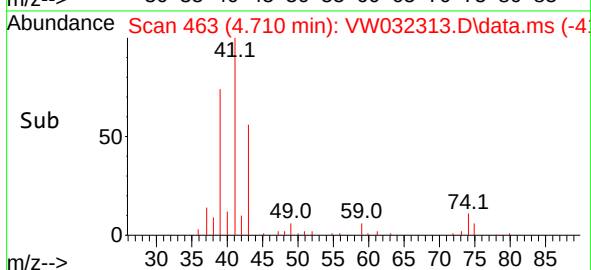
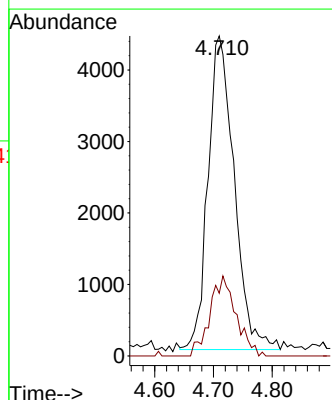
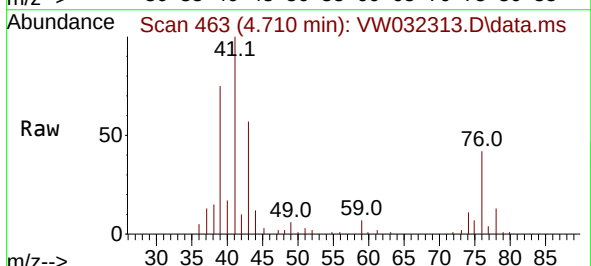
Acq: 01 Oct 2025 13:12

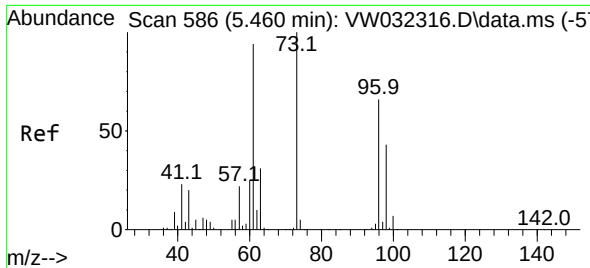
Tgt Ion: 43 Resp: 13618

Ion Ratio Lower Upper

43 100

74 25.4 20.2 30.4

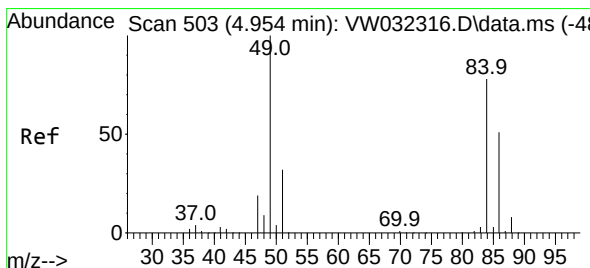
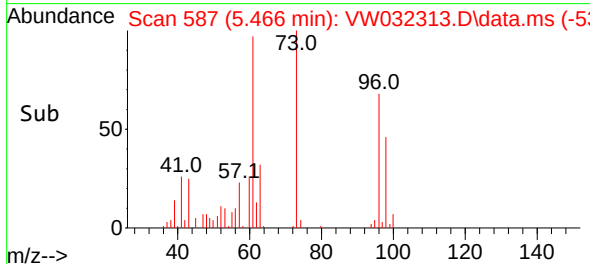
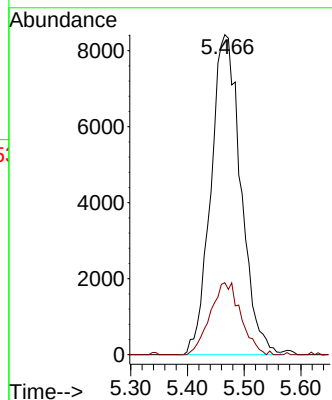
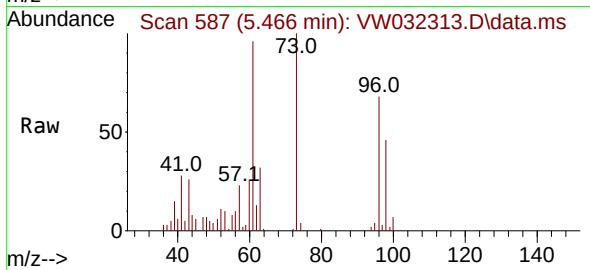




#19
Methyl tert-butyl Ether
Concen: 4.897 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

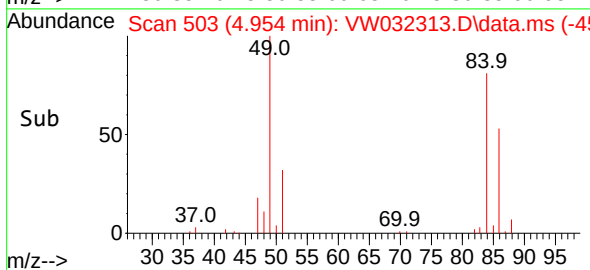
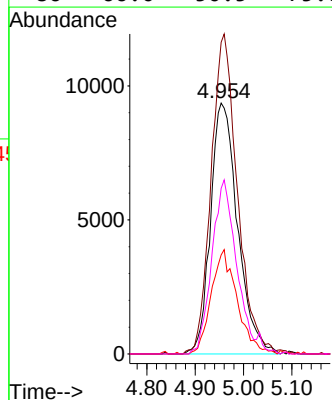
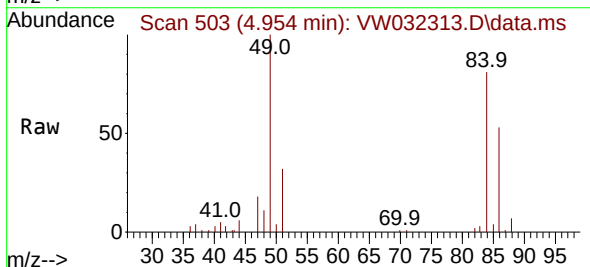
Instrument :
MSVOA_W
ClientSampleId :

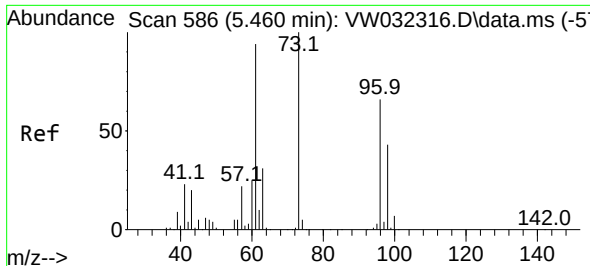
Tgt Ion: 73 Resp: 30951
Ion Ratio Lower Upper
73 100
57 22.5 16.2 24.4



#20
Methylene Chloride
Concen: 4.732 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 84 Resp: 36441
Ion Ratio Lower Upper
84 100
49 124.2 92.2 138.4
51 39.5 31.0 46.6
86 66.0 50.5 75.7

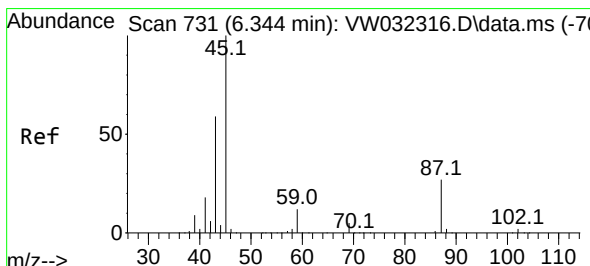
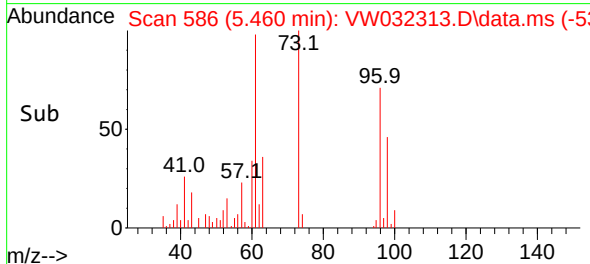
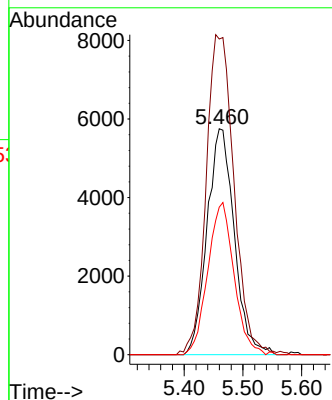
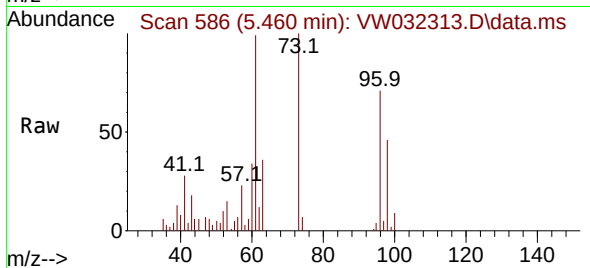




#21
trans-1,2-Dichloroethene
Concen: 5.203 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

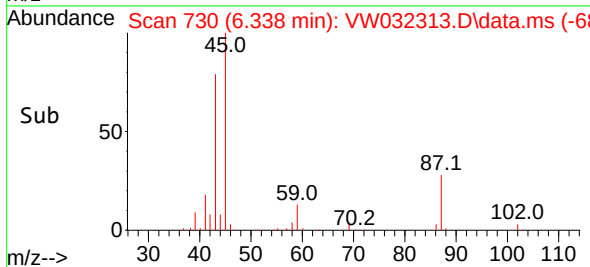
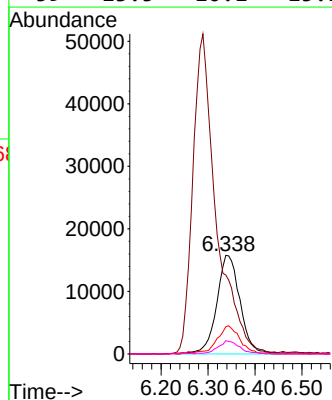
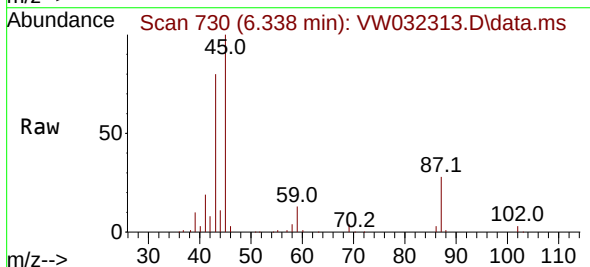
Instrument :
MSVOA_W
ClientSampleId :

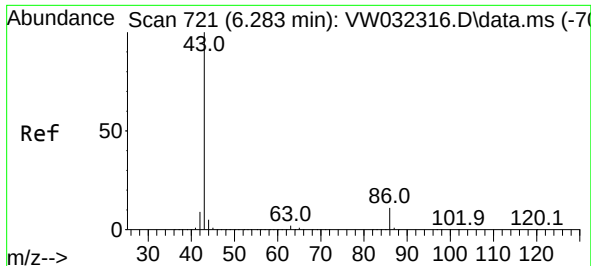
Tgt Ion: 96 Resp: 18485
Ion Ratio Lower Upper
96 100
61 138.3 112.5 168.7
98 65.3 54.2 81.4



#22
Diisopropyl ether
Concen: 4.799 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 45 Resp: 54095
Ion Ratio Lower Upper
45 100
43 78.3 51.4 77.2#
87 27.7 25.9 38.9
59 13.5 10.1 15.1

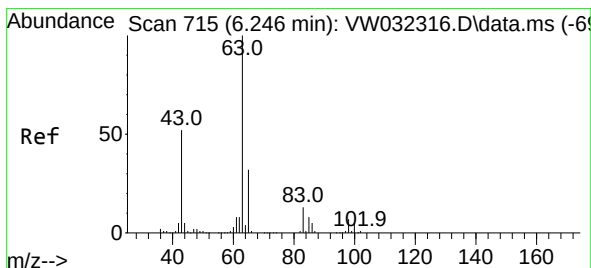
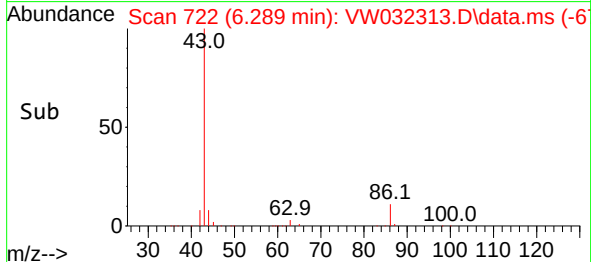
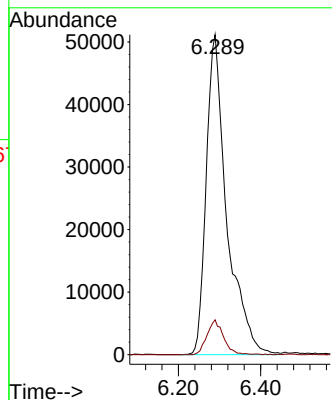
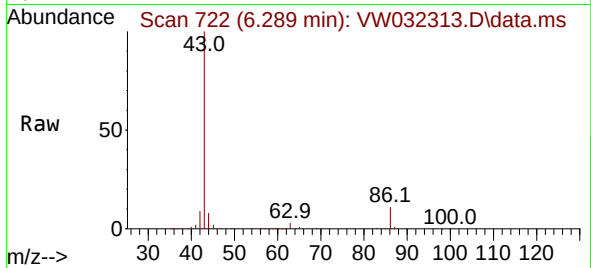




#23
 Vinyl Acetate
 Concen: 23.579 ug/l
 RT: 6.289 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032313.D
 Acq: 01 Oct 2025 13:12

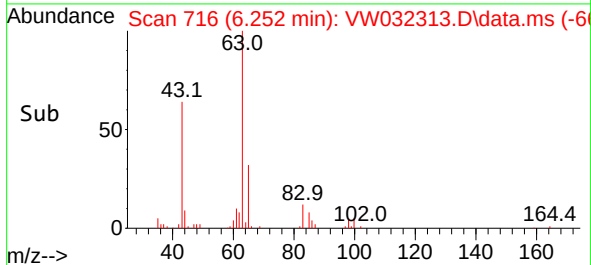
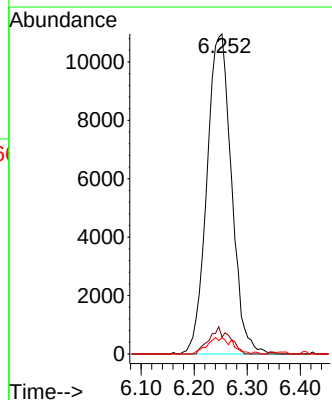
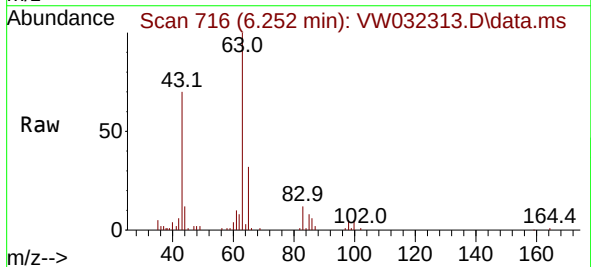
Instrument :
 MSVOA_W
 ClientSampleId :

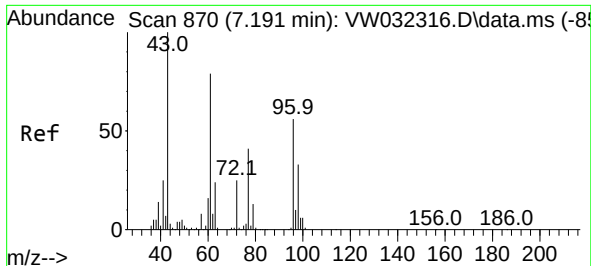
Tgt Ion: 43 Resp: 177543
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 5.149 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032313.D
 Acq: 01 Oct 2025 13:12

Tgt Ion: 63 Resp: 35264
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.8 11.2
 100 5.1 2.5 7.5

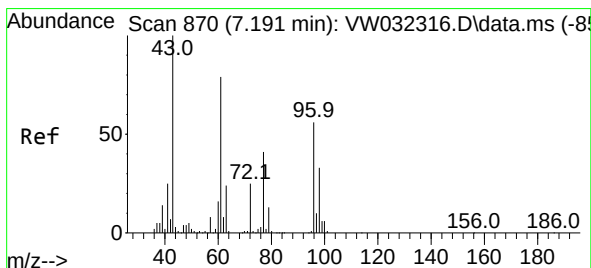
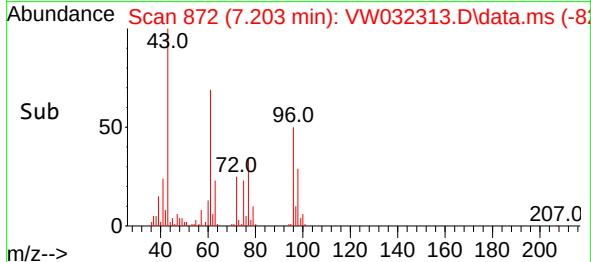
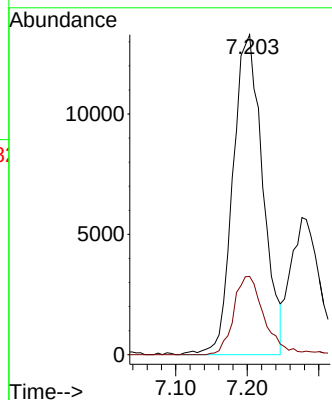
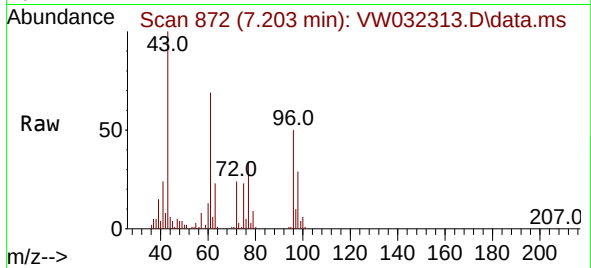




#25
2-Butanone
Concen: 24.612 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

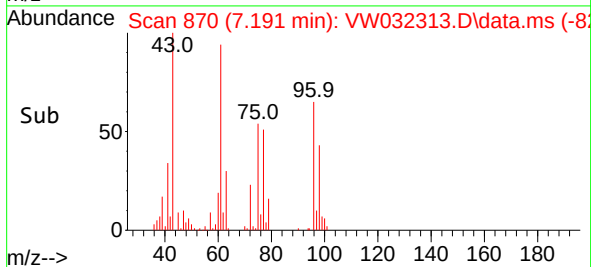
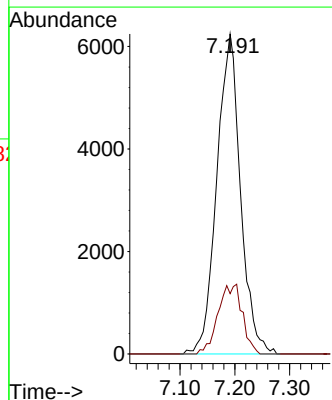
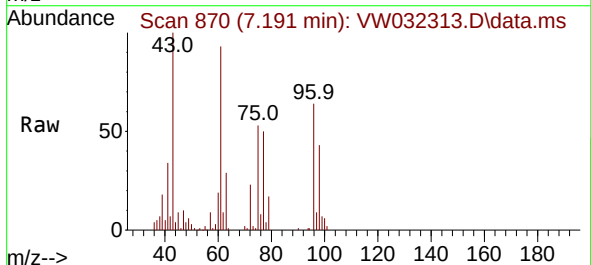
Instrument :
MSVOA_W
ClientSampleId :

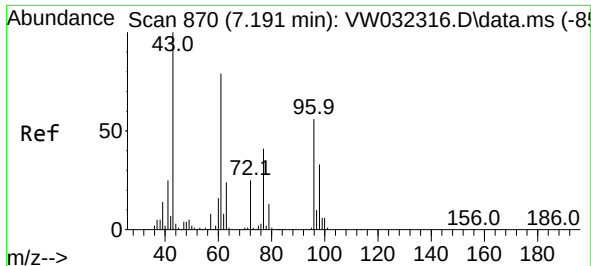
Tgt Ion: 43 Resp: 38549
Ion Ratio Lower Upper
43 100
72 24.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 5.352 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 77 Resp: 18751
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 5.120 ug/l

RT: 7.197 min Scan# 871

Delta R.T. 0.006 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

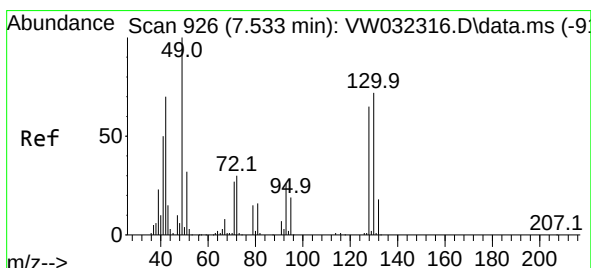
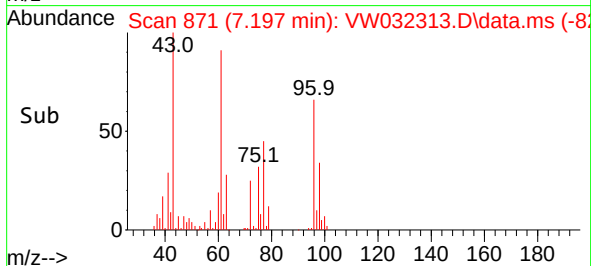
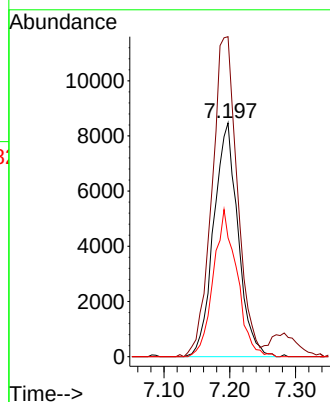
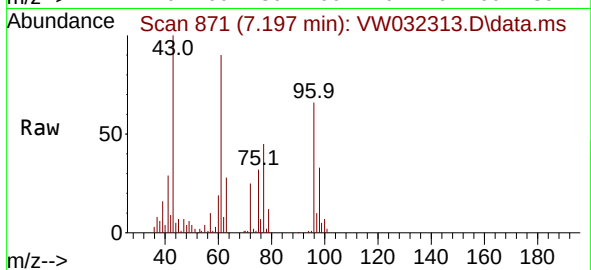
Tgt Ion: 96 Resp: 21855

Ion Ratio Lower Upper

96 100

61 142.8 0.0 268.0

98 60.8 0.0 130.8



#28

Bromochloromethane

Concen: 5.005 ug/l

RT: 7.533 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

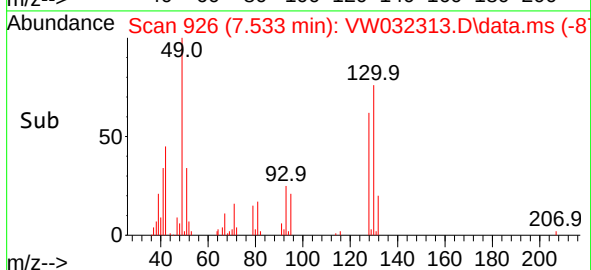
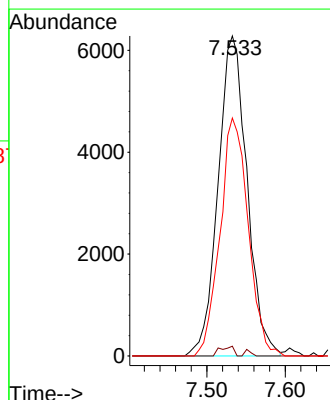
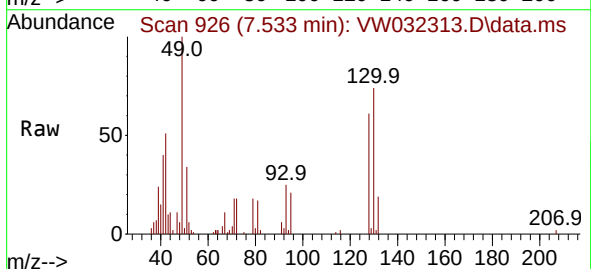
Tgt Ion: 49 Resp: 16126

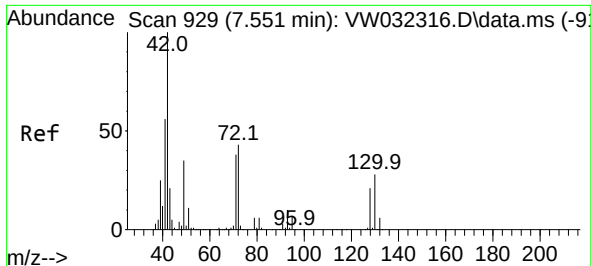
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

130 72.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 23.204 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032313.D

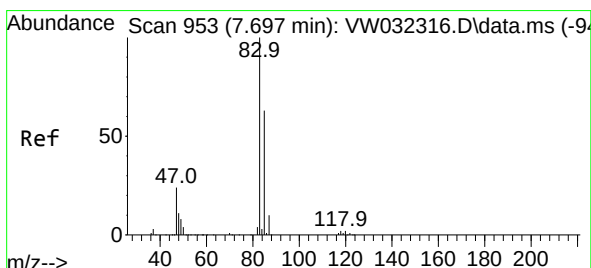
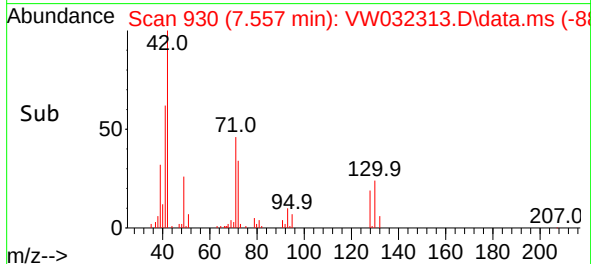
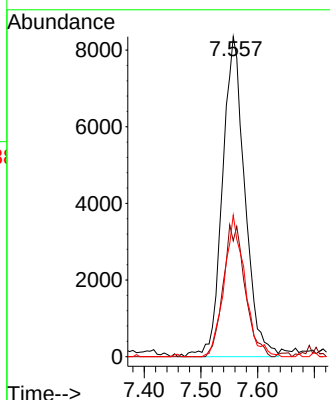
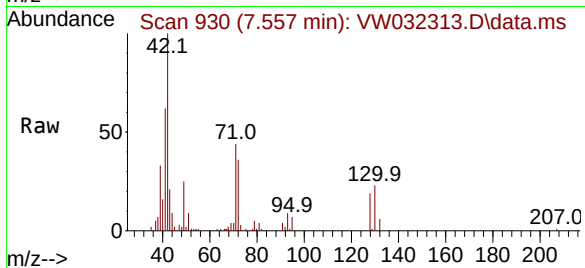
Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	42	Resp:	22855
Ion	Ratio	Lower	Upper
42	100		
72	40.3	37.4	56.2
71	41.0	36.0	54.0



#30

Chloroform

Concen: 5.154 ug/l

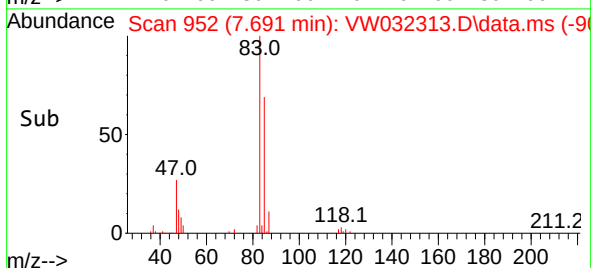
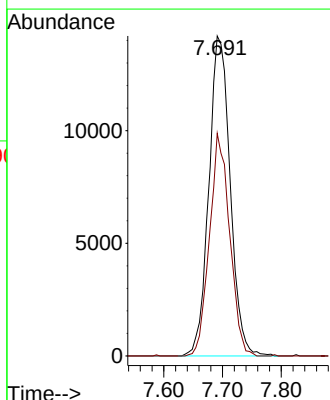
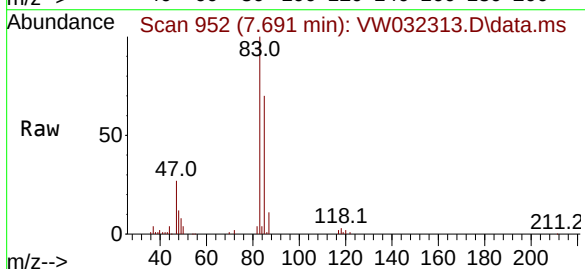
RT: 7.691 min Scan# 952

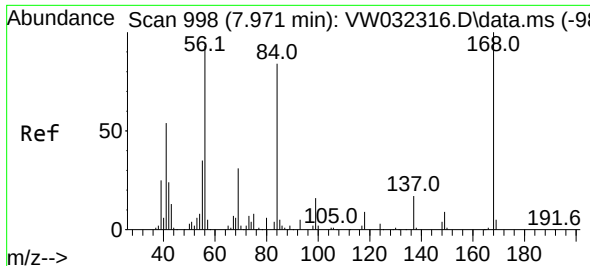
Delta R.T. -0.006 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Tgt Ion:	83	Resp:	35798
Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.2	76.8

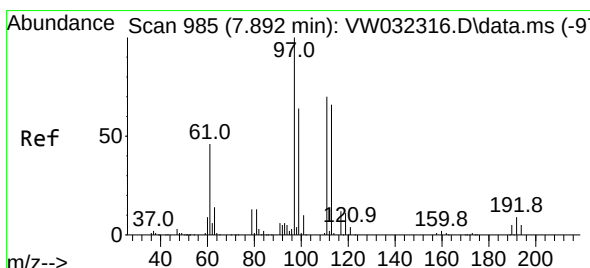
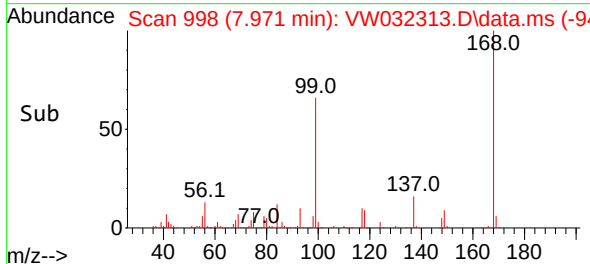
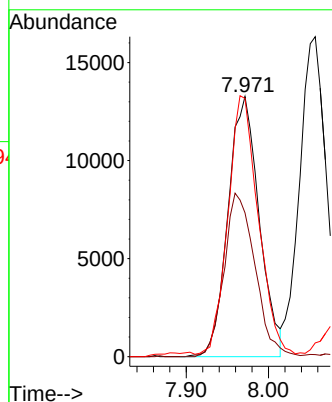
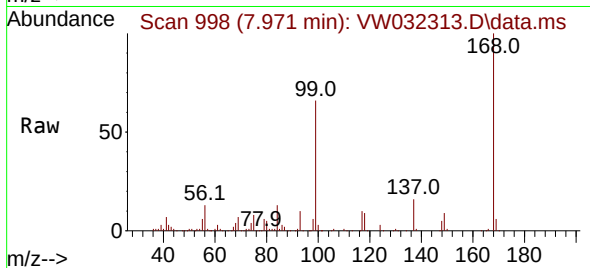




#31
Cyclohexane
Concen: 5.983 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

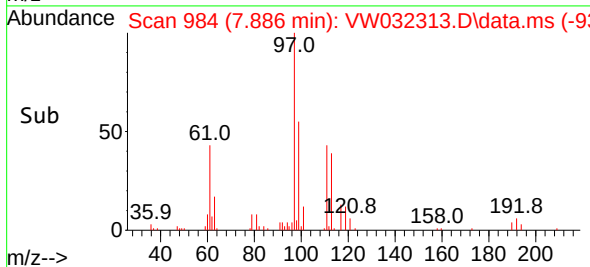
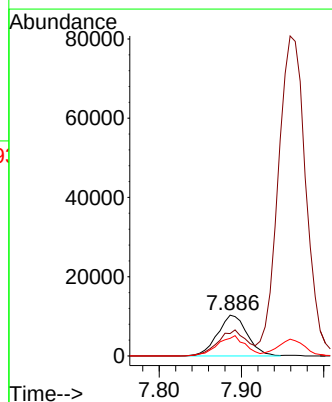
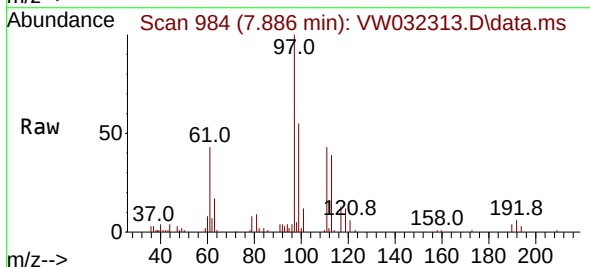
Instrument :
MSVOA_W
ClientSampleId :

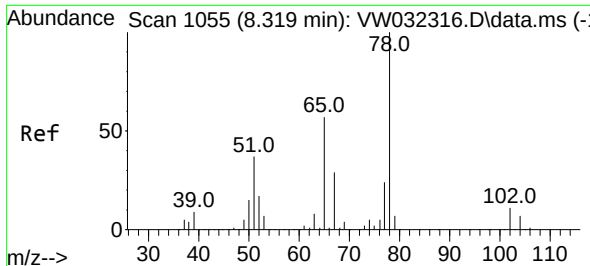
Tgt Ion: 56 Resp: 34981
Ion Ratio Lower Upper
56 100
69 55.3 27.7 41.5#
84 98.1 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 5.244 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 97 Resp: 25812
Ion Ratio Lower Upper
97 100
99 61.9 50.9 76.3
61 46.5 36.2 54.4

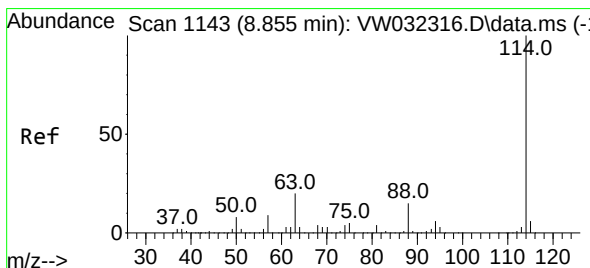
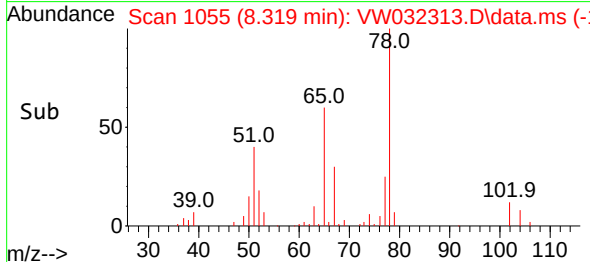
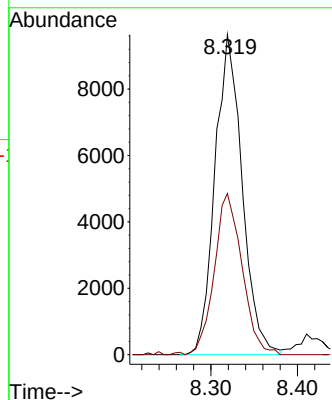
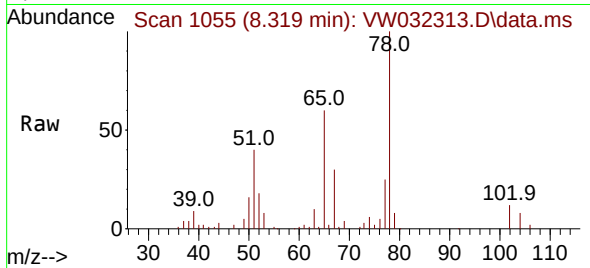




#33
1,2-Dichloroethane-d4
Concen: 5.059 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

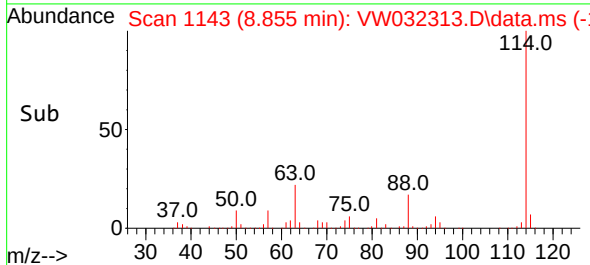
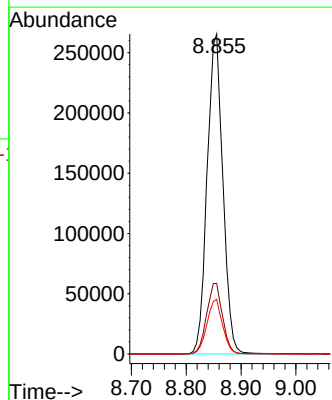
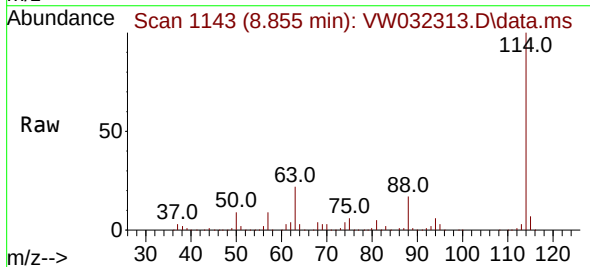
Instrument :
MSVOA_W
ClientSampleId :

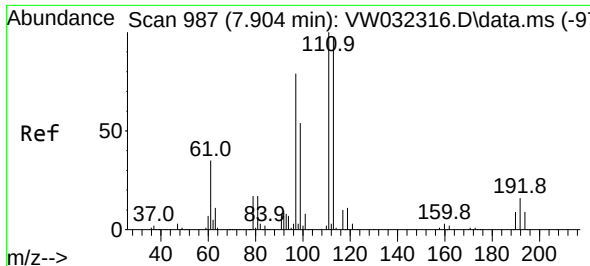
Tgt Ion: 65 Resp: 21010
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 114 Resp: 526707
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.4
88 17.1 0.0 32.0

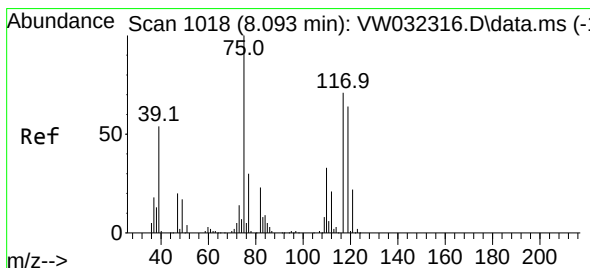
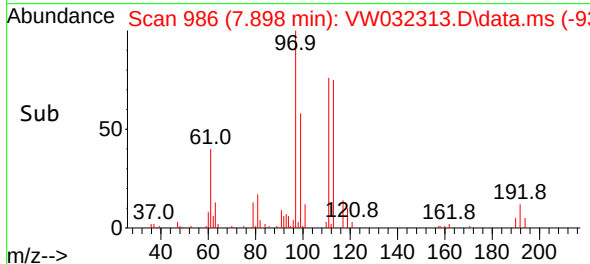
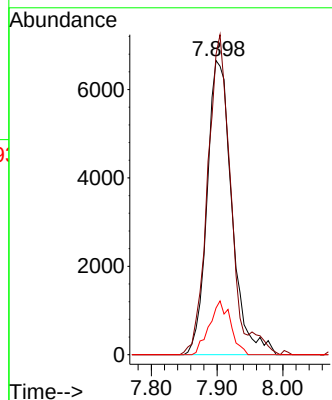
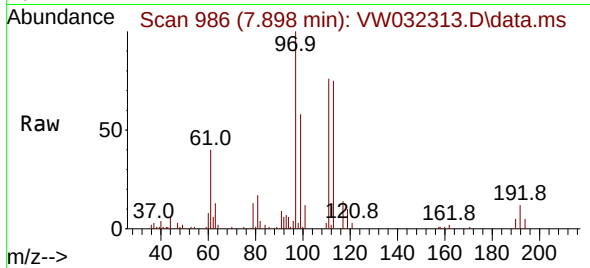




#35
Dibromofluoromethane
Concen: 5.118 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

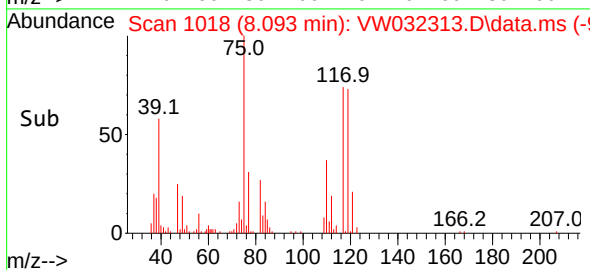
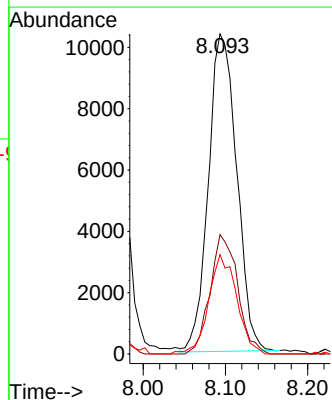
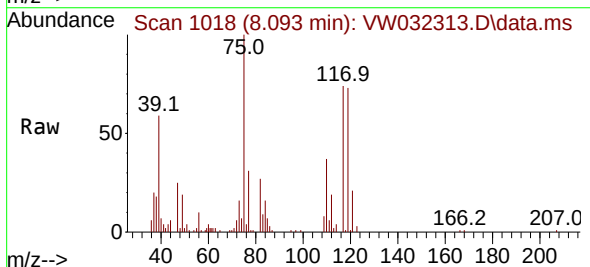
Instrument :
MSVOA_W
ClientSampleId :

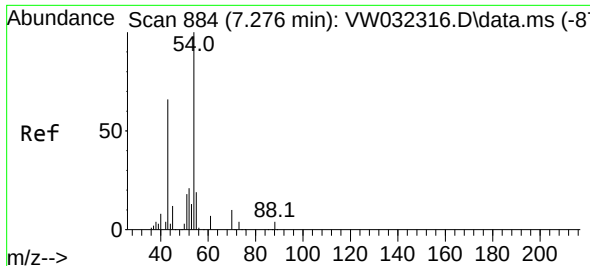
Tgt Ion:113 Resp: 17458
Ion Ratio Lower Upper
113 100
111 97.8 83.9 125.9
192 15.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 75 Resp: 24817
Ion Ratio Lower Upper
75 100
110 36.6 17.5 52.5
77 31.0 24.1 36.1

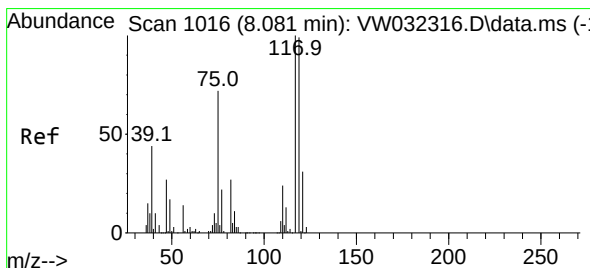
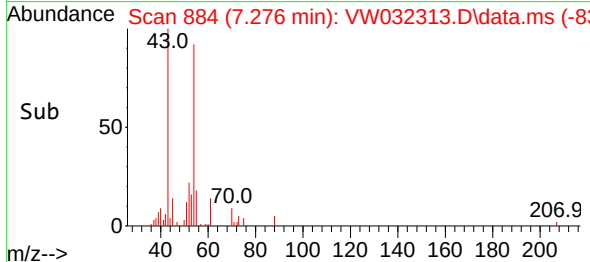
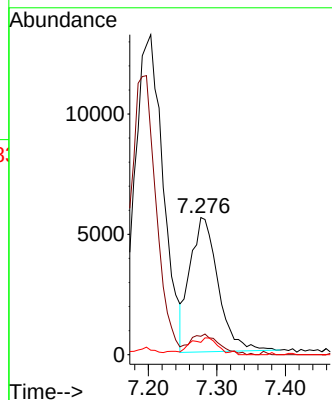
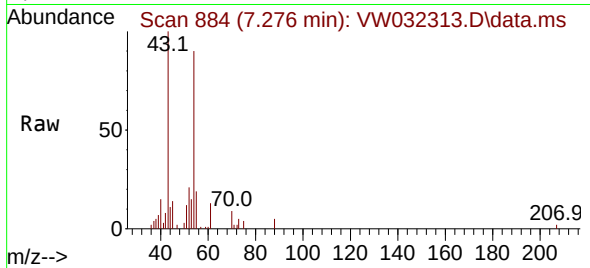




#37
Ethyl Acetate
Concen: 4.972 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

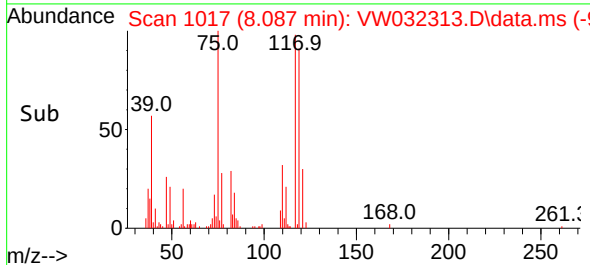
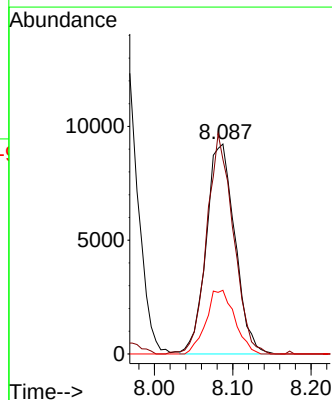
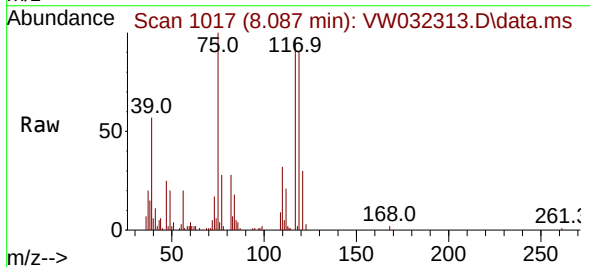
Instrument :
MSVOA_W
ClientSampleId :

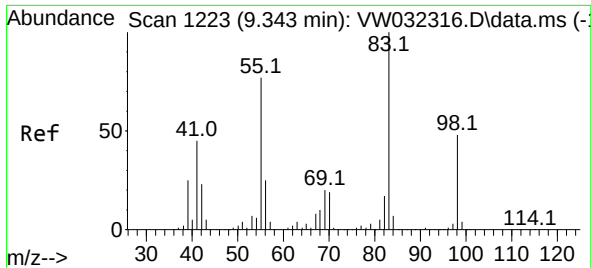
Tgt Ion: 43 Resp: 15932
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 13.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 5.188 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 117 Resp: 23500
Ion Ratio Lower Upper
117 100
119 92.7 74.2 111.2
121 30.4 25.6 38.4

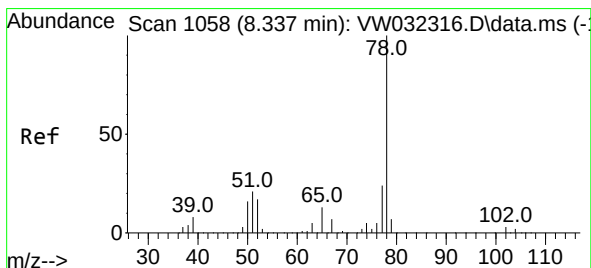
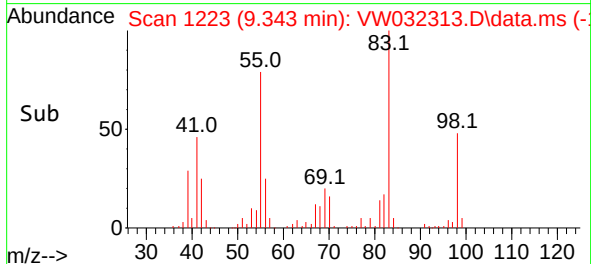
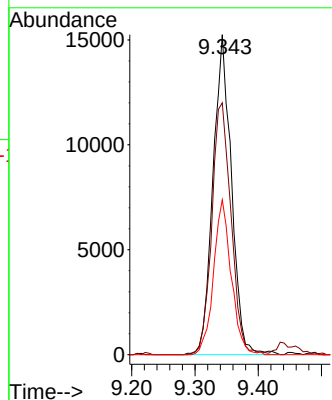
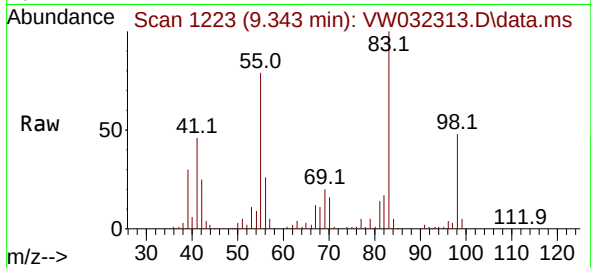




#39
Methylcyclohexane
Concen: 5.307 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

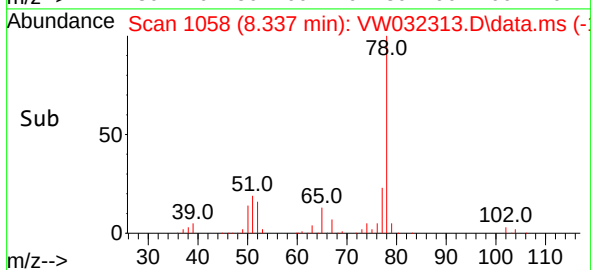
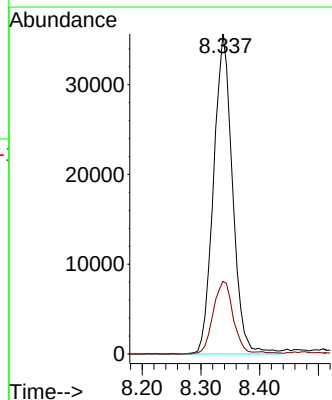
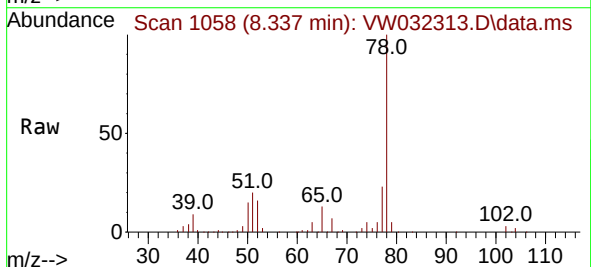
Instrument :
MSVOA_W
ClientSampleId :

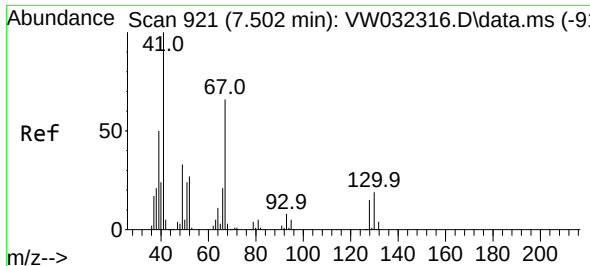
Tgt Ion: 83 Resp: 30816
Ion Ratio Lower Upper
83 100
55 78.7 58.4 87.6
98 48.4 39.4 59.2



#40
Benzene
Concen: 5.297 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

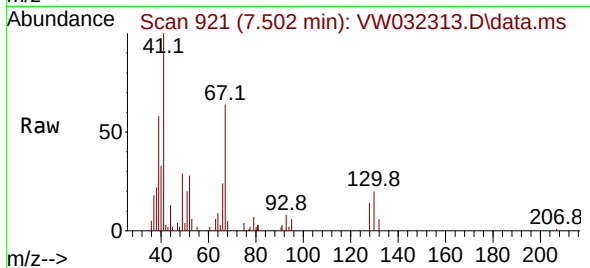
Tgt Ion: 78 Resp: 79933
Ion Ratio Lower Upper
78 100
77 22.7 20.7 31.1



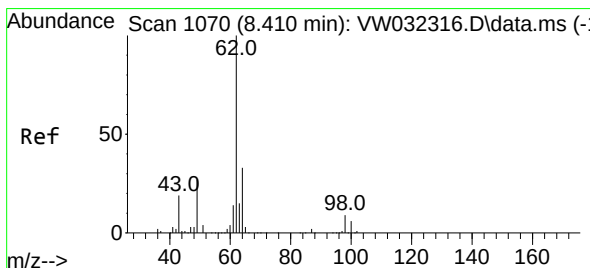
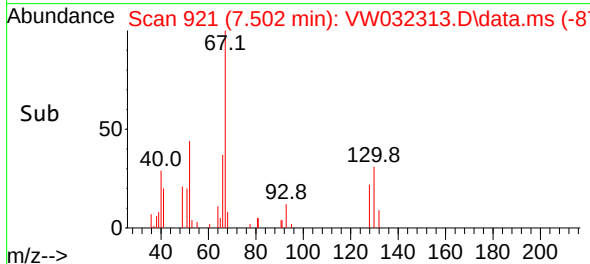
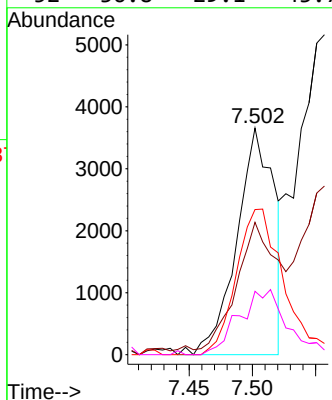


#41
Methacrylonitrile
Concen: 4.364 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Instrument :
MSVOA_W
ClientSampleId :

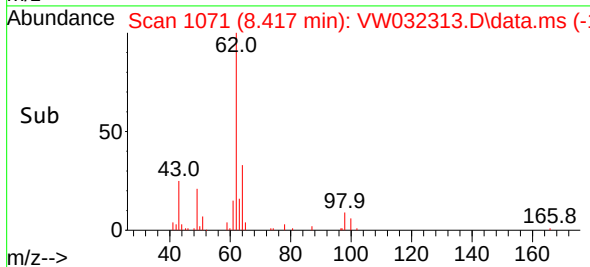
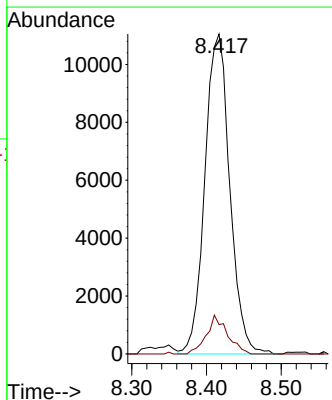
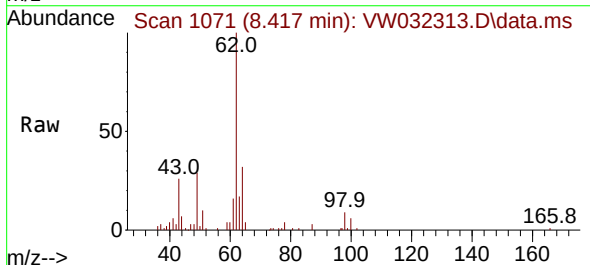


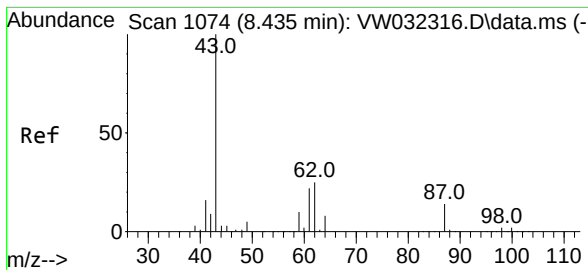
Tgt Ion:	41	Resp:	7536
Ion	Ratio	Lower	Upper
41	100		
39	61.4	50.9	76.3
67	82.6	65.6	98.4
52	36.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 5.192 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion:	62	Resp:	25632
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 4.618 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

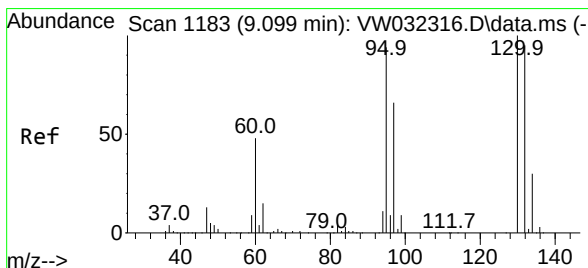
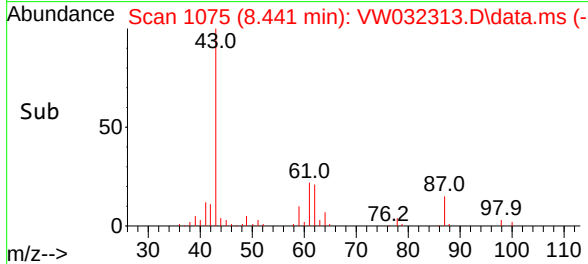
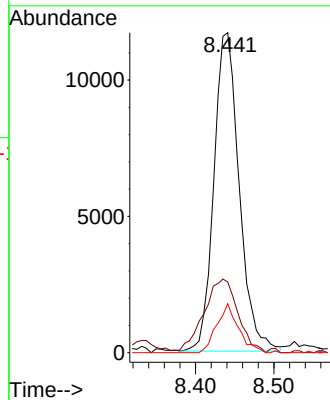
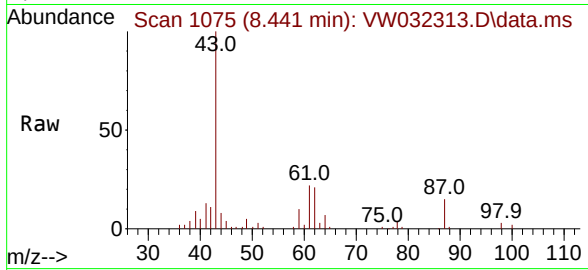
Tgt Ion: 43 Resp: 26247

Ion Ratio Lower Upper

43 100

61 31.2 23.3 34.9

87 13.2 11.1 16.7



#44

Trichloroethene

Concen: 5.277 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. -0.000 min

Lab File: VW032313.D

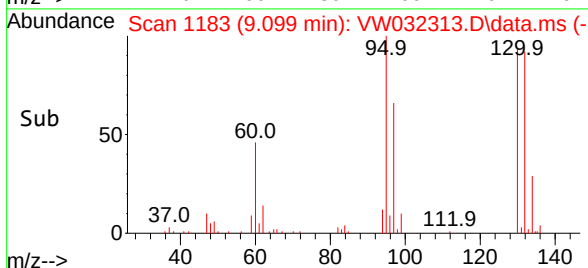
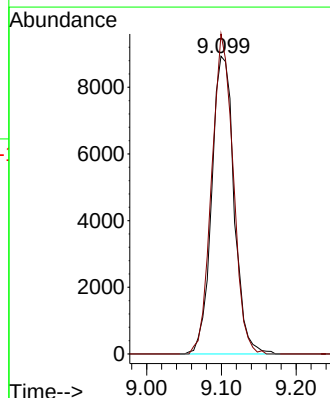
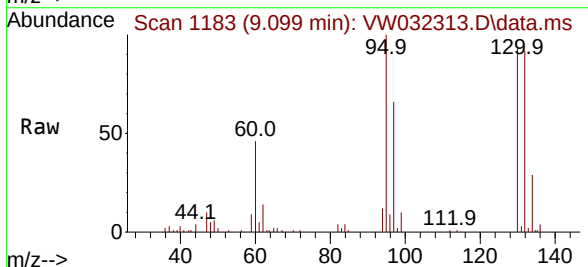
Acq: 01 Oct 2025 13:12

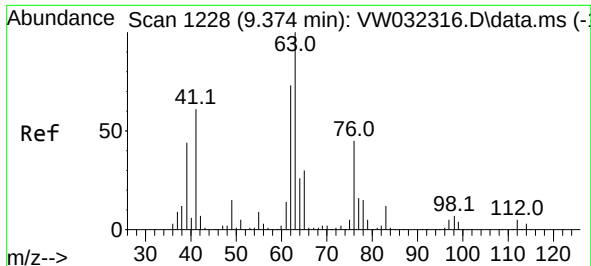
Tgt Ion:130 Resp: 18643

Ion Ratio Lower Upper

130 100

95 107.4 0.0 220.0

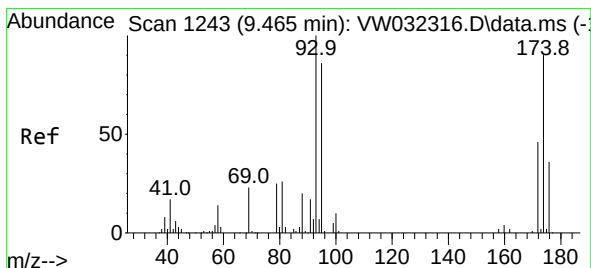
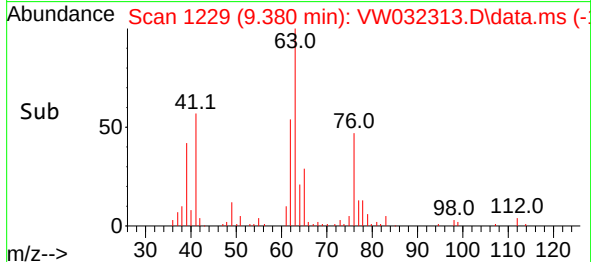
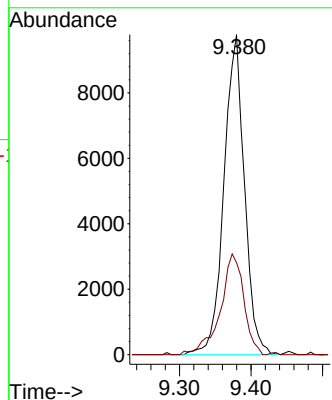
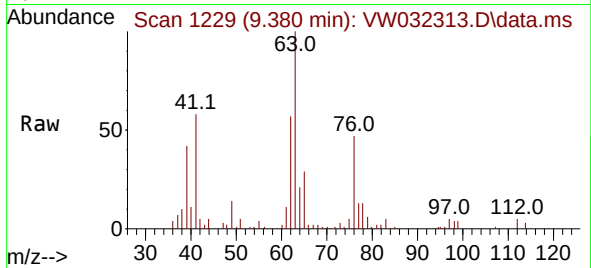




#45
1,2-Dichloropropane
Concen: 5.171 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

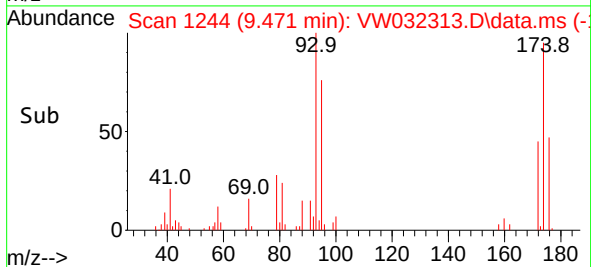
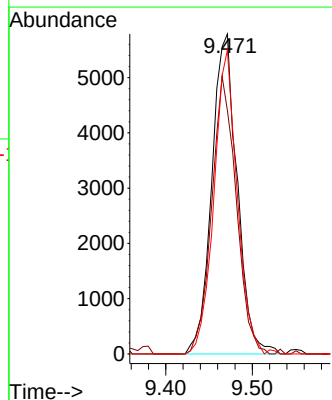
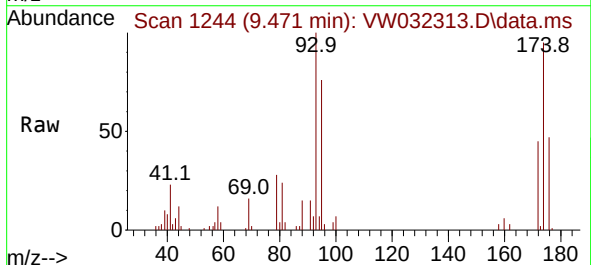
Instrument :
MSVOA_W
ClientSampleId :

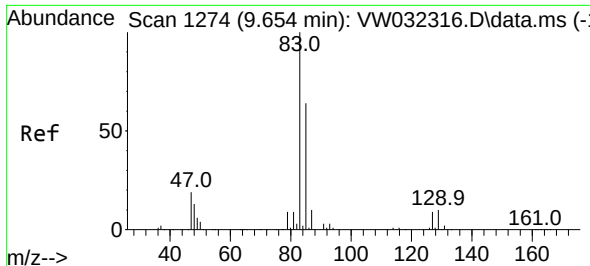
Tgt Ion: 63 Resp: 19476
Ion Ratio Lower Upper
63 100
65 28.7 24.3 36.5



#46
Dibromomethane
Concen: 5.092 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 93 Resp: 11793
Ion Ratio Lower Upper
93 100
95 83.8 67.4 101.2
174 87.1 75.7 113.5

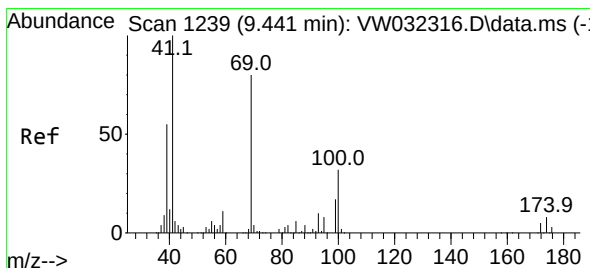
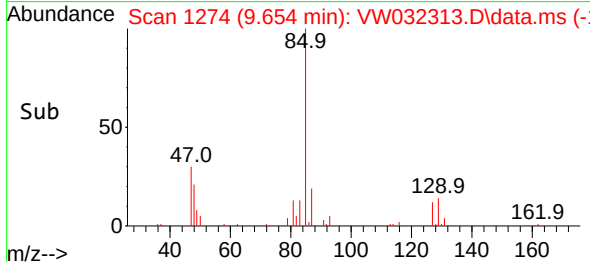
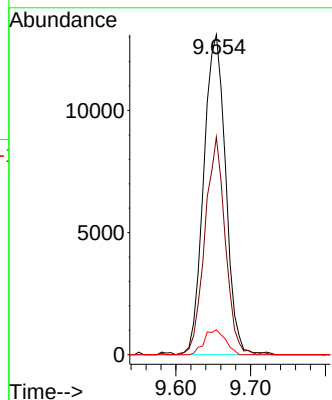
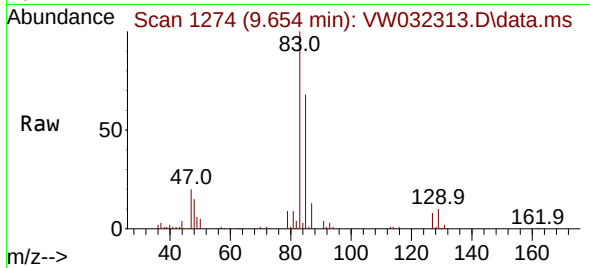




#47
Bromodichloromethane
Concen: 5.039 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

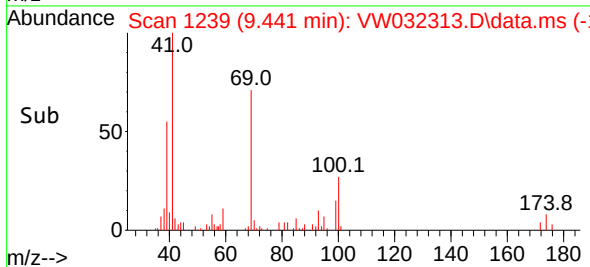
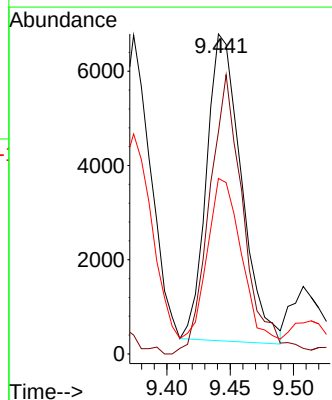
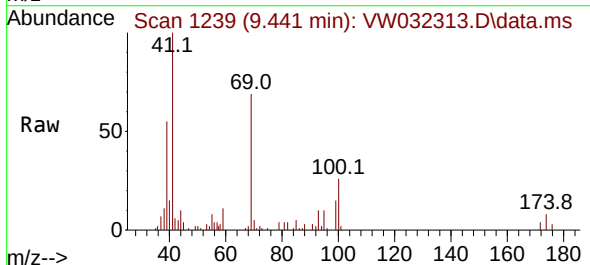
Instrument :
MSVOA_W
ClientSampleId :

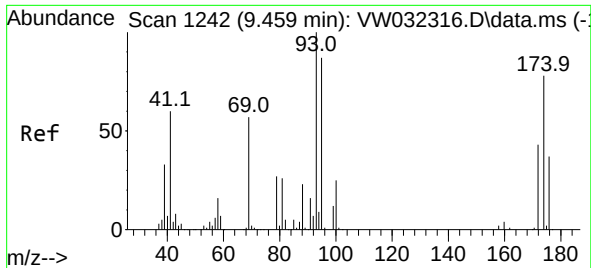
Tgt Ion: 83 Resp: 26693
Ion Ratio Lower Upper
83 100
85 68.0 48.7 73.1
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 4.512 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 41 Resp: 12470
Ion Ratio Lower Upper
41 100
69 89.2 71.5 107.3
39 51.0 55.9 83.9#





#49

1,4-Dioxane

Concen: 86.306 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

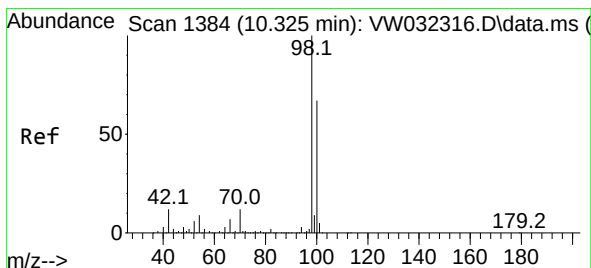
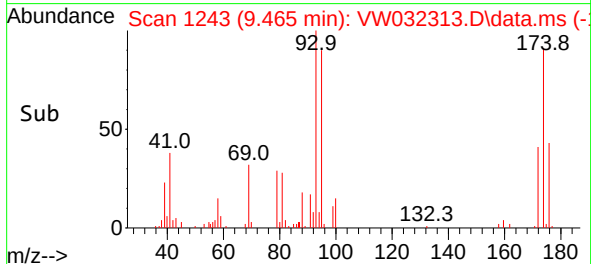
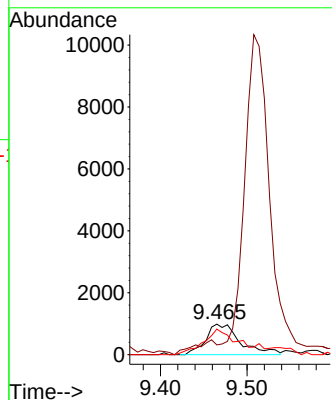
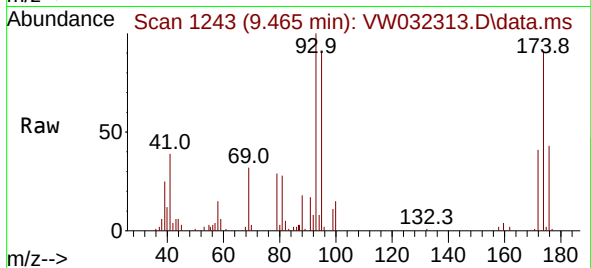
Tgt Ion: 88 Resp: 2732

Ion Ratio Lower Upper

88 100

43 30.9 18.0 27.0#

58 79.9 55.4 83.0



#50

Toluene-d8

Concen: 4.947 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032313.D

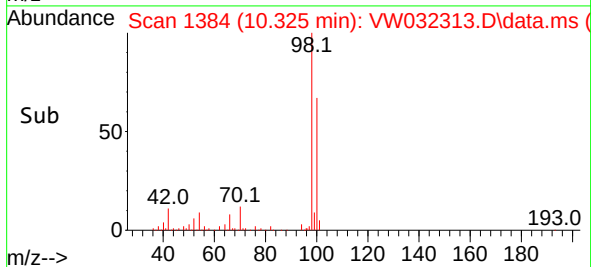
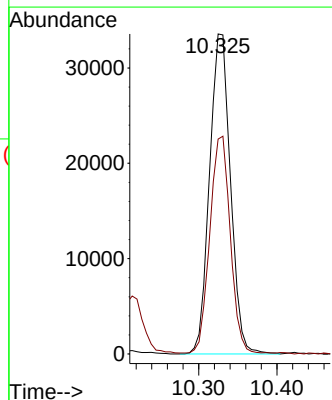
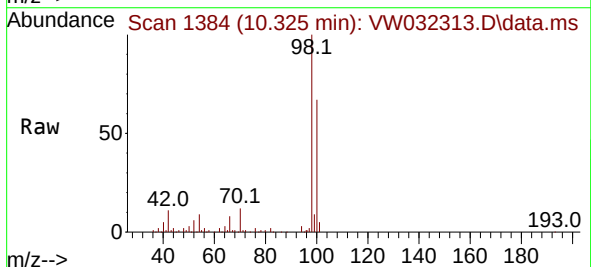
Acq: 01 Oct 2025 13:12

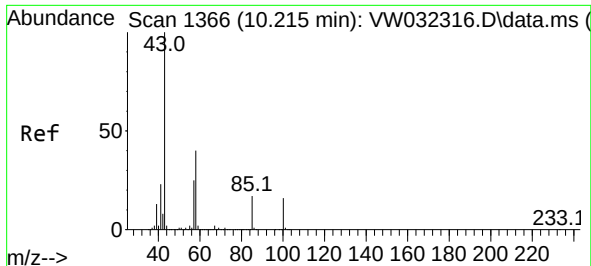
Tgt Ion: 98 Resp: 62281

Ion Ratio Lower Upper

98 100

100 66.2 51.4 77.2

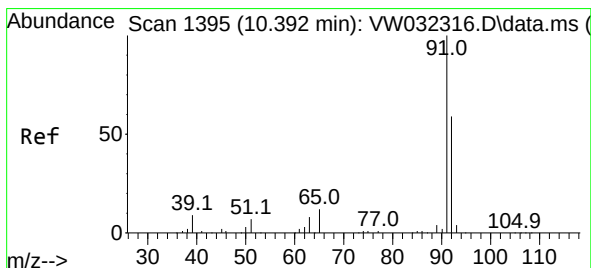
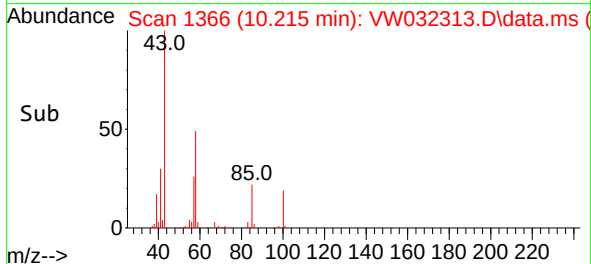
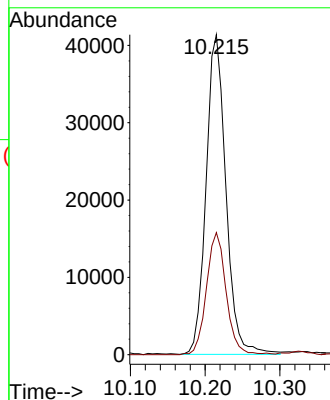
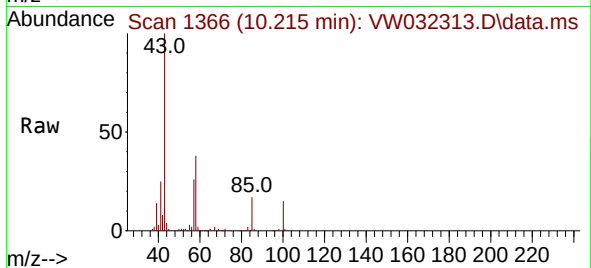




#51
4-Methyl-2-Pentanone
Concen: 23.157 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

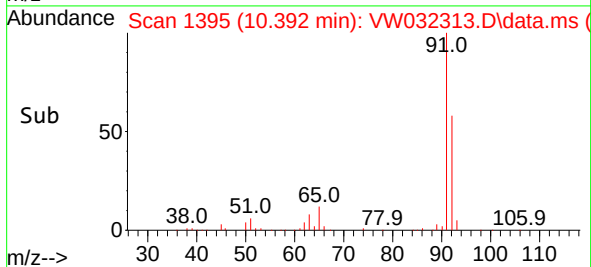
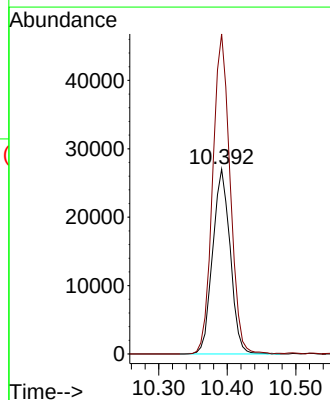
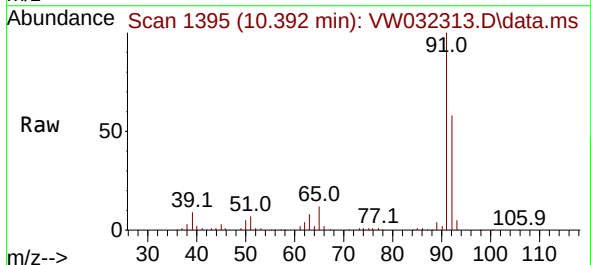
Instrument :
MSVOA_W
ClientSampleId :

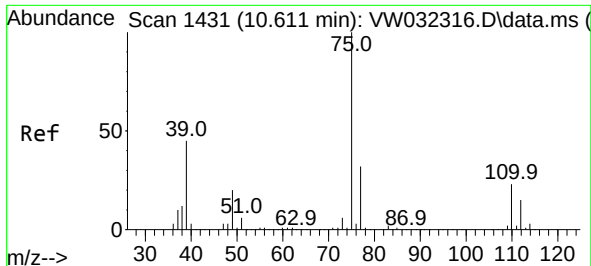
Tgt Ion: 43 Resp: 76240
Ion Ratio Lower Upper
43 100
58 38.0 32.0 48.0



#52
Toluene
Concen: 5.094 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 92 Resp: 47870
Ion Ratio Lower Upper
92 100
91 172.3 137.5 206.3

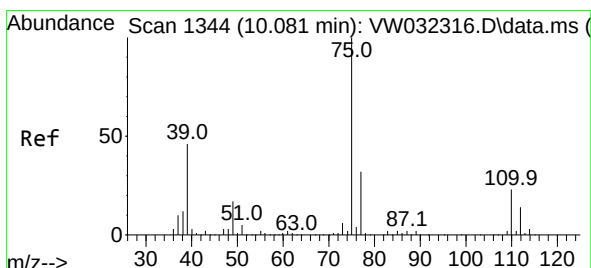
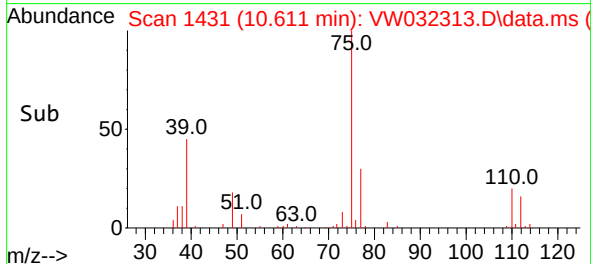
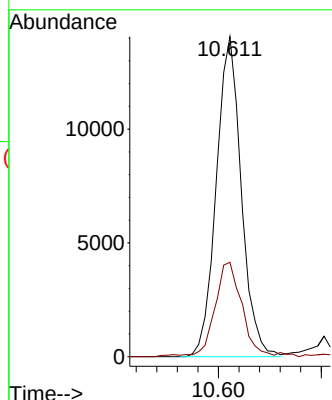
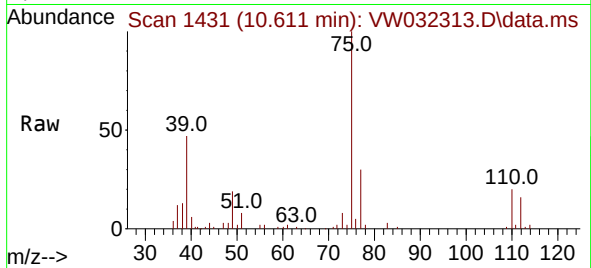




#53
t-1,3-Dichloropropene
Concen: 4.619 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

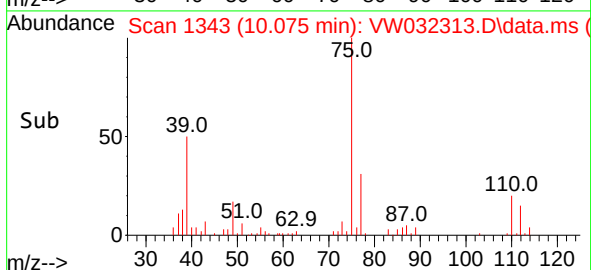
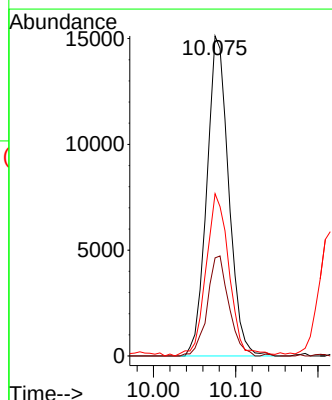
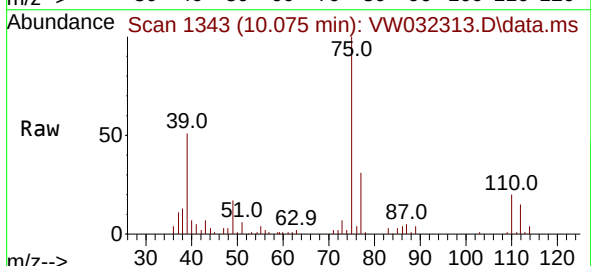
Instrument :
MSVOA_W
ClientSampleId :

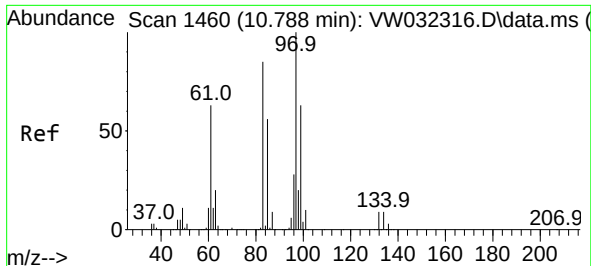
Tgt Ion: 75 Resp: 23740
Ion Ratio Lower Upper
75 100
77 29.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 4.727 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

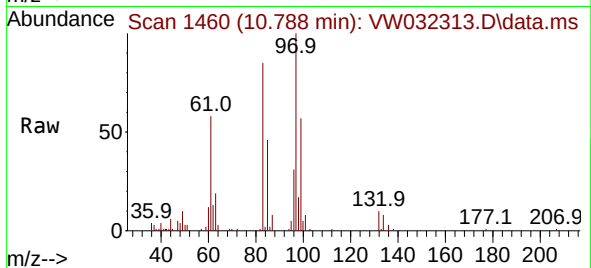
Tgt Ion: 75 Resp: 27985
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7
39 50.0 43.2 64.8



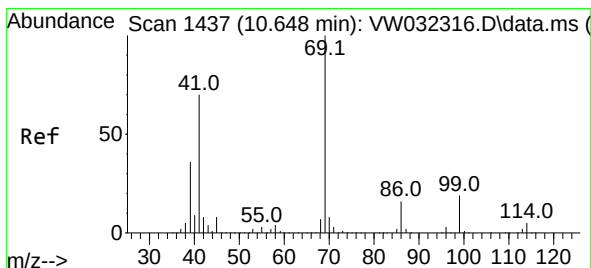
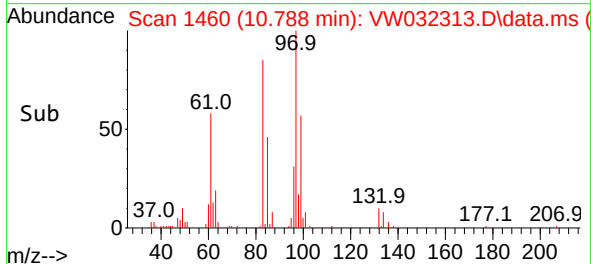
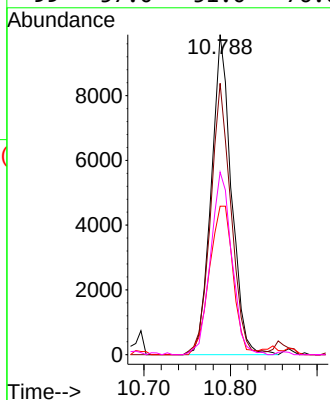


#55
1,1,2-Trichloroethane
Concen: 5.174 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Instrument :
MSVOA_W
ClientSampleId :

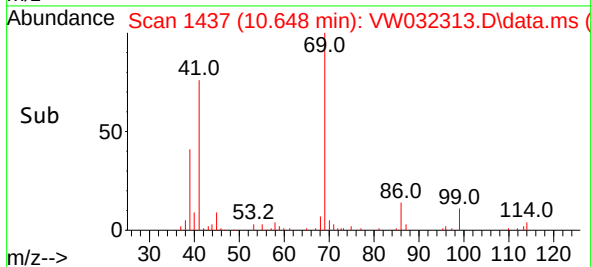
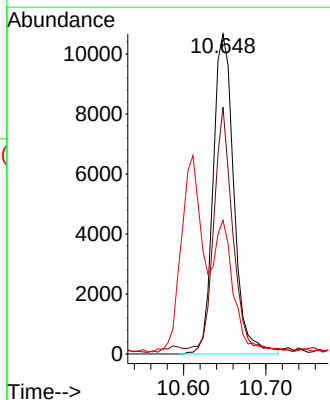
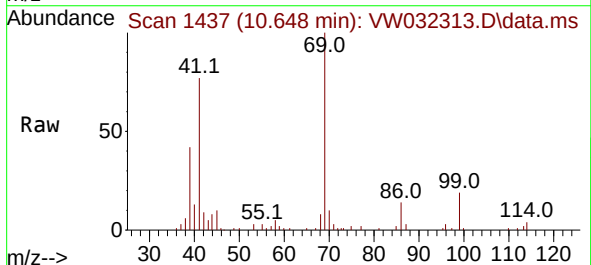


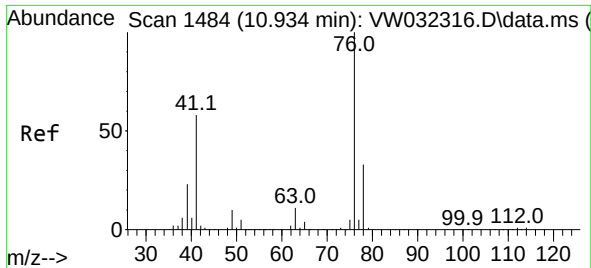
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	71.0	106.6
85	46.4	42.8	64.2
99	57.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 4.308 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.2	79.8
39	39.9	32.9	49.3





#57

1,3-Dichloropropane

Concen: 4.991 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

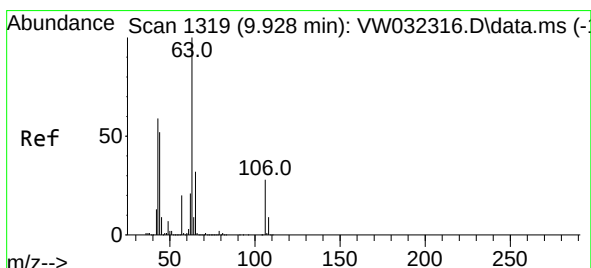
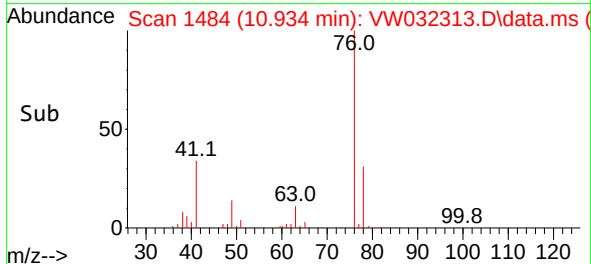
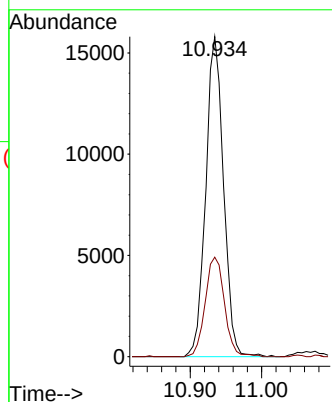
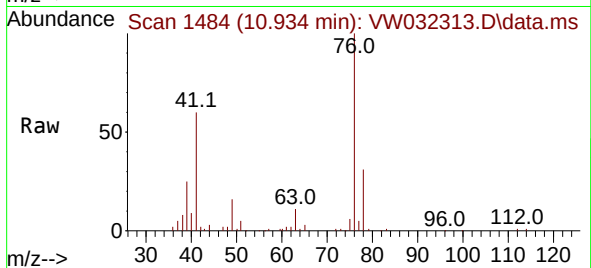
ClientSampleId :

Tgt Ion: 76 Resp: 27288

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 20.206 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032313.D

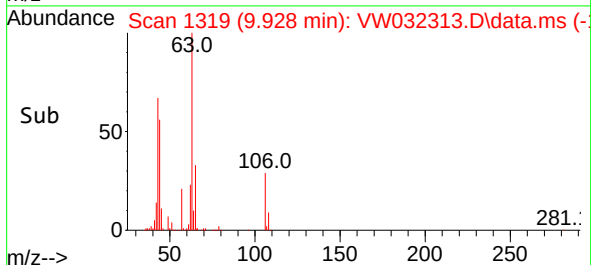
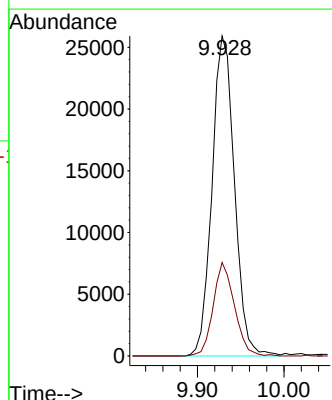
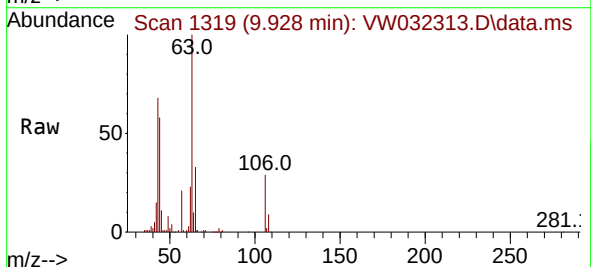
Acq: 01 Oct 2025 13:12

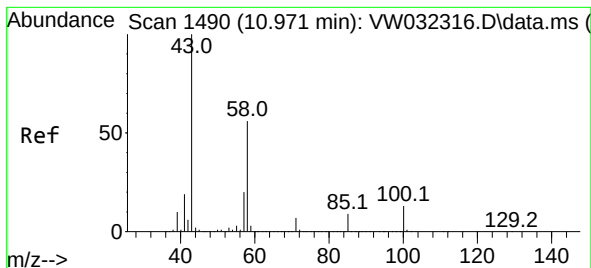
Tgt Ion: 63 Resp: 46589

Ion Ratio Lower Upper

63 100

106 27.7 24.3 36.5

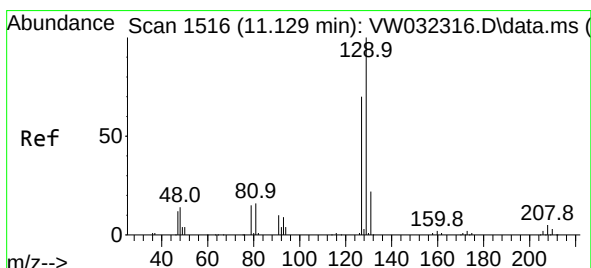
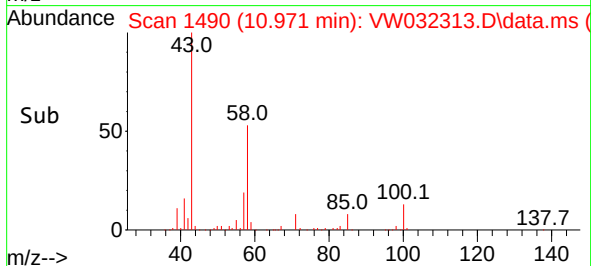
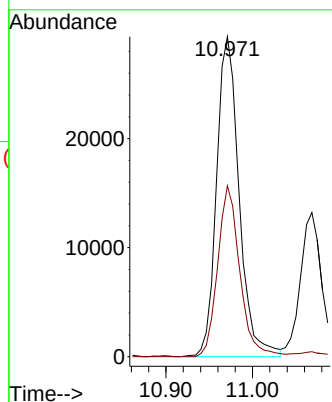
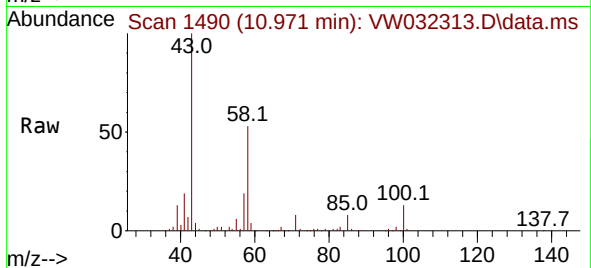




#59
2-Hexanone
Concen: 22.879 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

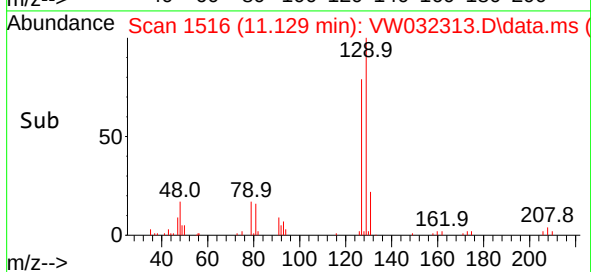
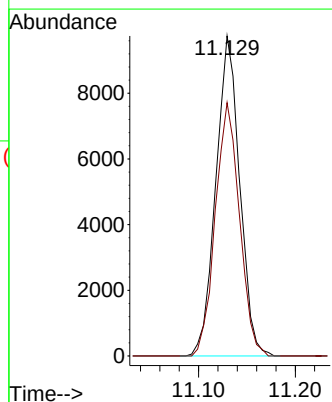
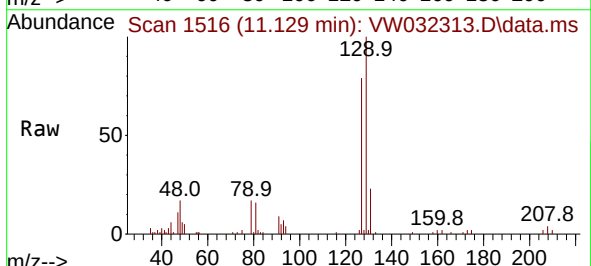
Instrument :
MSVOA_W
ClientSampleId :

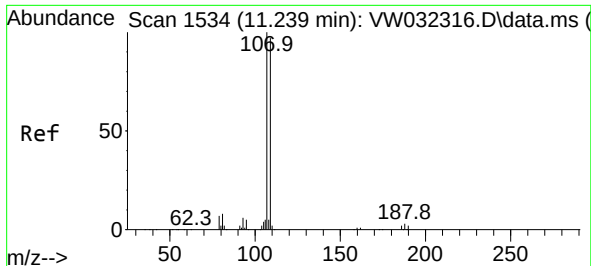
Tgt Ion: 43 Resp: 53126
Ion Ratio Lower Upper
43 100
58 52.2 27.5 82.4



#60
Dibromochloromethane
Concen: 4.744 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion:129 Resp: 16674
Ion Ratio Lower Upper
129 100
127 80.3 38.1 114.5

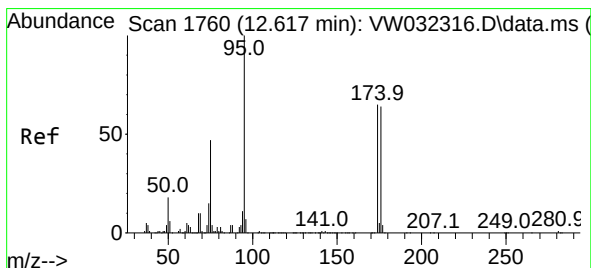
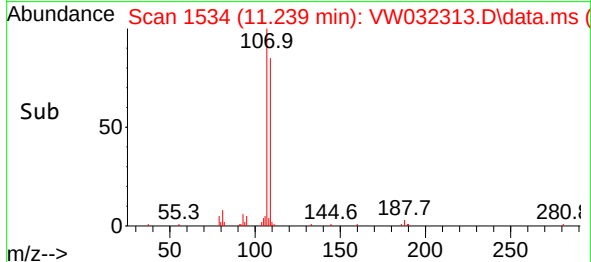
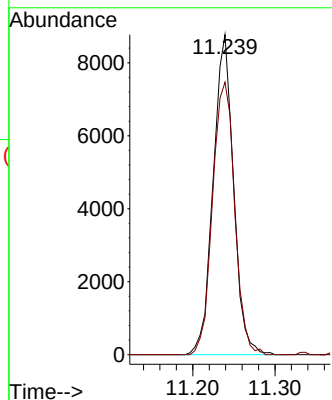
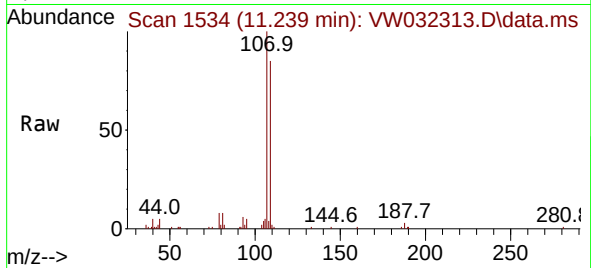




#61
1,2-Dibromoethane
Concen: 4.990 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

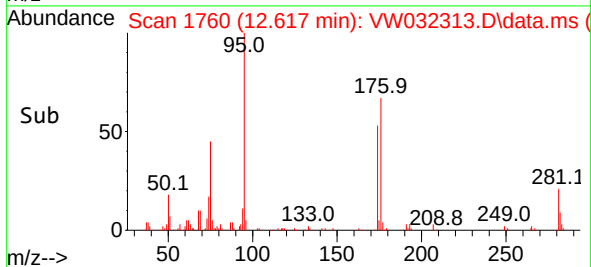
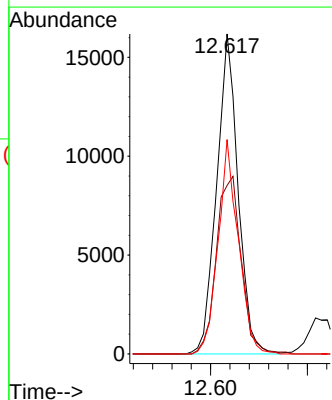
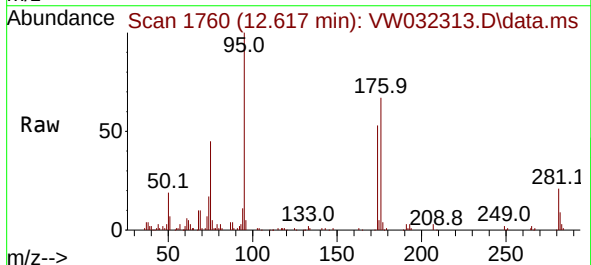
Instrument :
MSVOA_W
ClientSampleId :

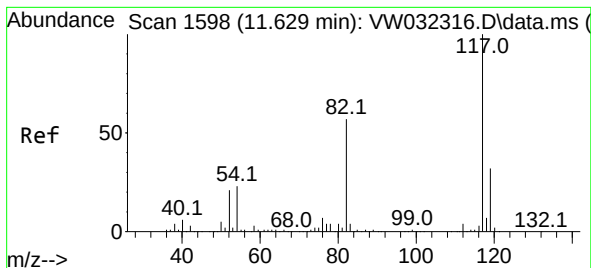
Tgt Ion:107 Resp: 15062
Ion Ratio Lower Upper
107 100
109 92.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 5.229 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 95 Resp: 24882
Ion Ratio Lower Upper
95 100
174 64.4 0.0 145.6
176 63.2 0.0 140.8

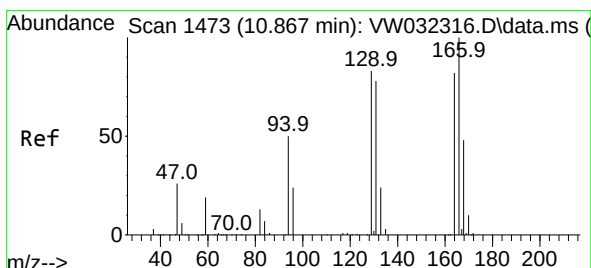
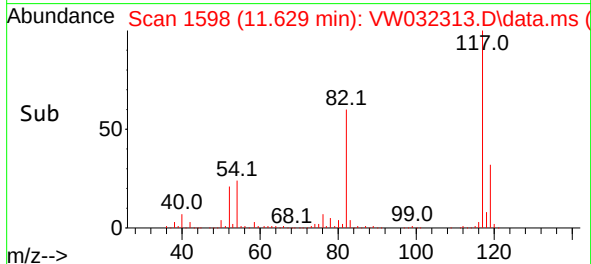
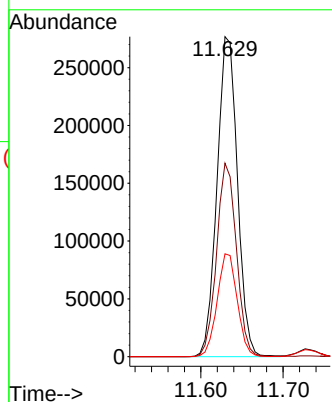
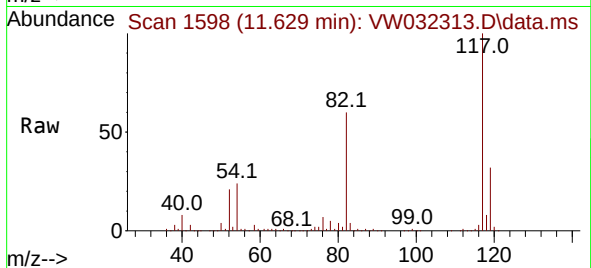




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

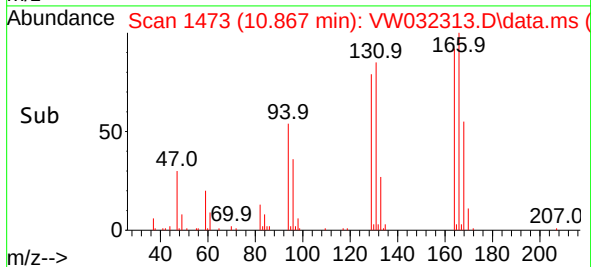
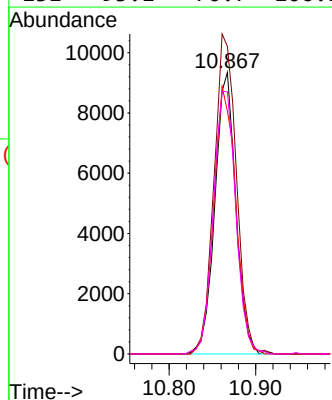
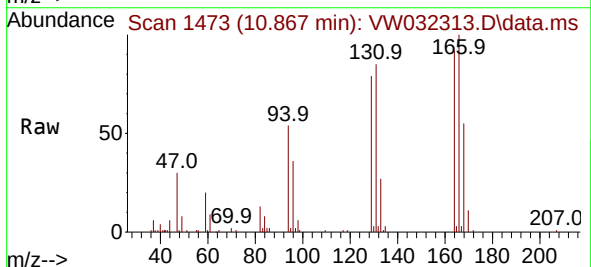
Instrument :
MSVOA_W
ClientSampleId :

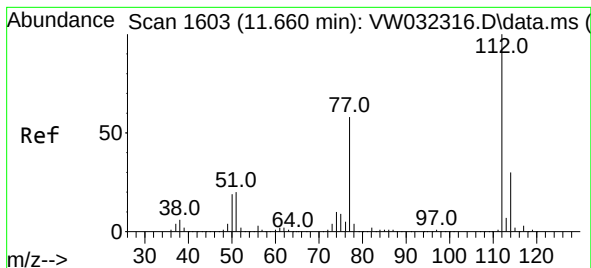
Tgt Ion:117 Resp: 478552
Ion Ratio Lower Upper
117 100
82 60.5 42.7 64.1
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 5.461 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

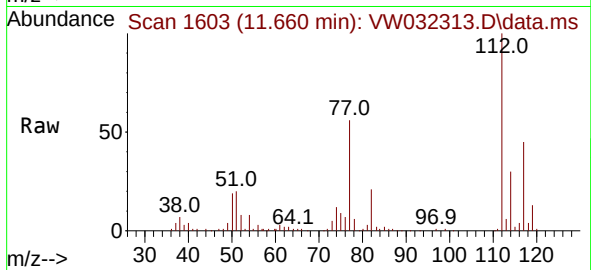
Tgt Ion:164 Resp: 15638
Ion Ratio Lower Upper
164 100
166 109.2 97.5 146.3
129 86.2 71.2 106.8
131 93.1 70.7 106.1



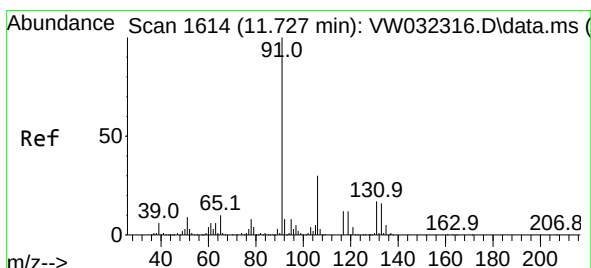
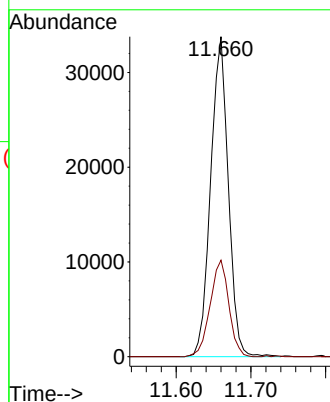
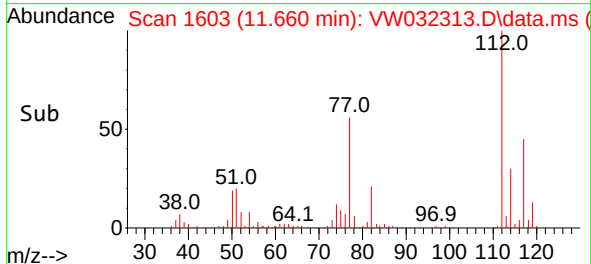


#65
Chlorobenzene
Concen: 5.269 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

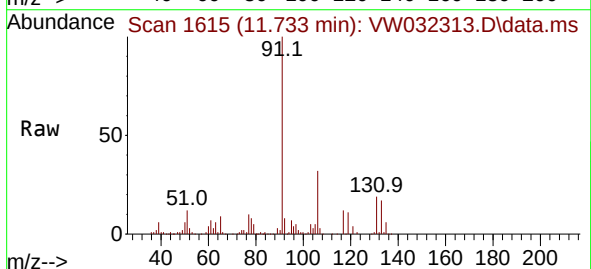
Instrument :
MSVOA_W
ClientSampleId :



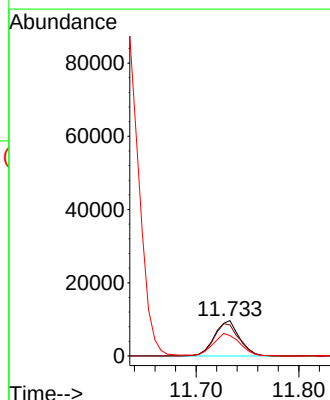
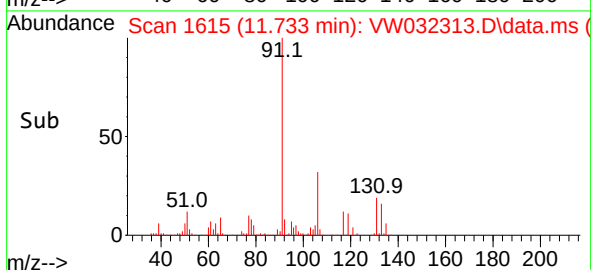
Tgt Ion:112 Resp: 55479
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0

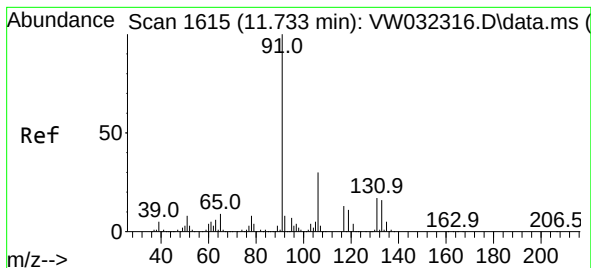


#66
1,1,1,2-Tetrachloroethane
Concen: 4.942 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12



Tgt Ion:131 Resp: 16206
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 67.8 32.8 98.3





#67

Ethyl Benzene

Concen: 4.969 ug/l

RT: 11.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

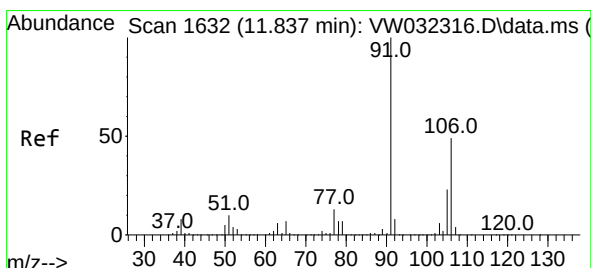
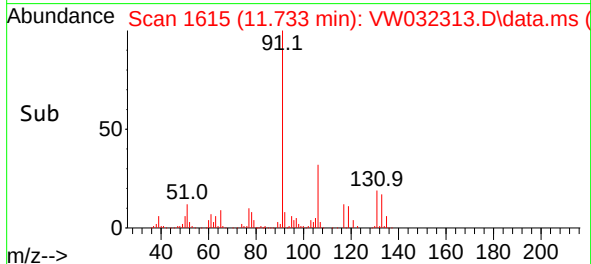
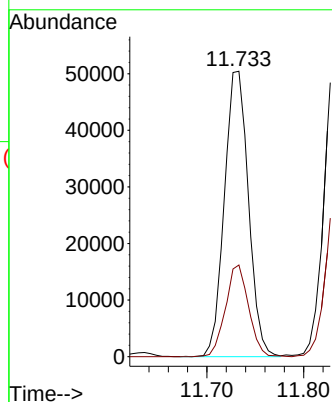
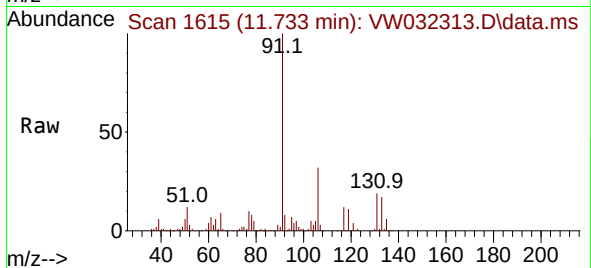
ClientSampleId :

Tgt Ion: 91 Resp: 87214

Ion Ratio Lower Upper

91 100

106 32.1 25.3 37.9



#68

m/p-Xylenes

Concen: 9.951 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032313.D

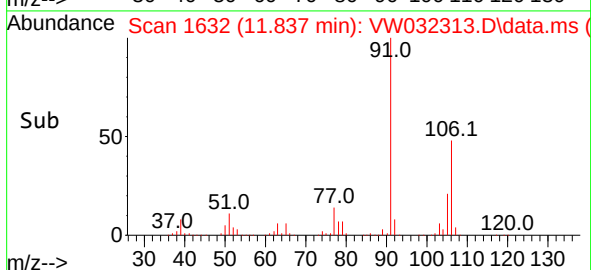
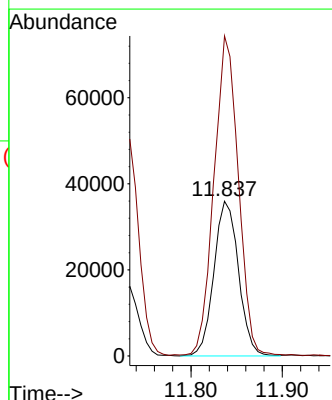
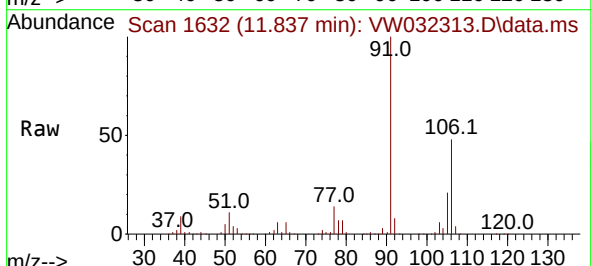
Acq: 01 Oct 2025 13:12

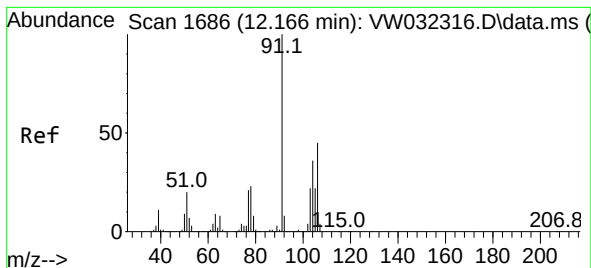
Tgt Ion:106 Resp: 67346

Ion Ratio Lower Upper

106 100

91 204.4 164.2 246.2

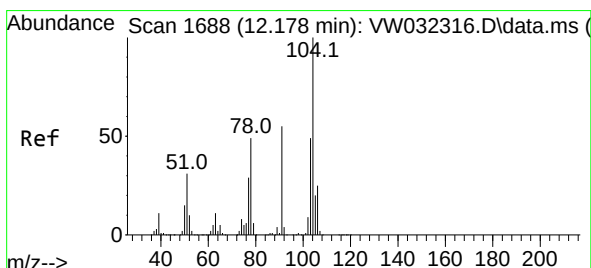
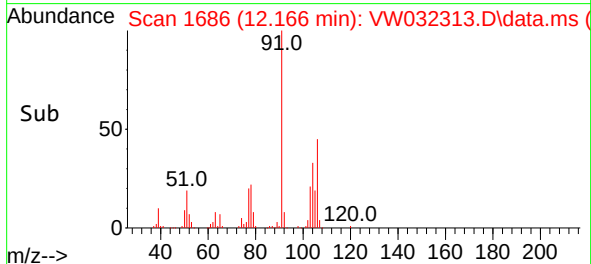
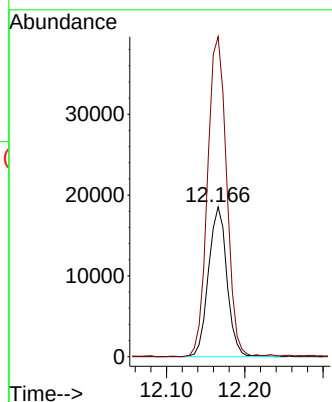
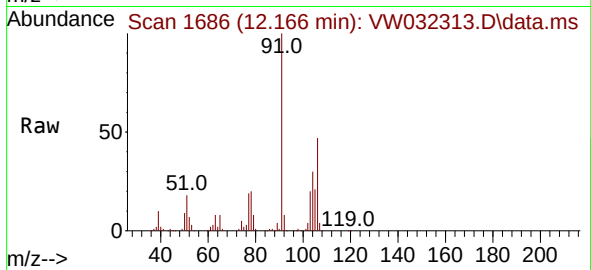




#69
o-Xylene
Concen: 4.782 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

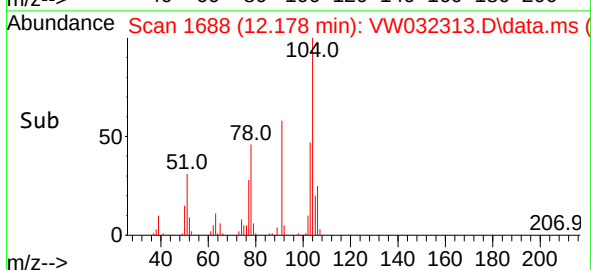
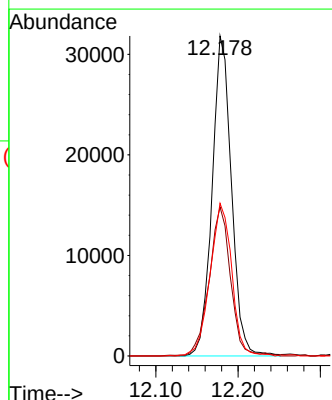
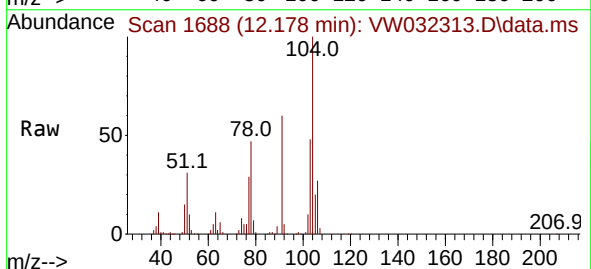
Instrument :
MSVOA_W
ClientSampleId :

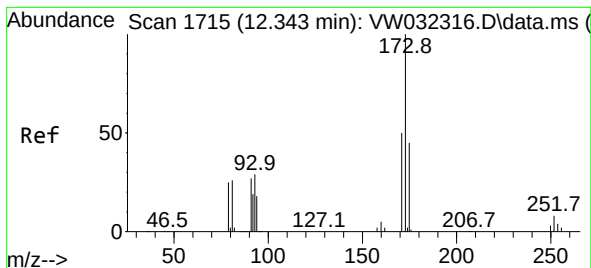
Tgt Ion:106 Resp: 30267
Ion Ratio Lower Upper
106 100
91 220.9 108.7 326.3



#70
Styrene
Concen: 4.719 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion:104 Resp: 52147
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 53.5 44.8 67.2





#71

Bromoform

Concen: 4.557 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

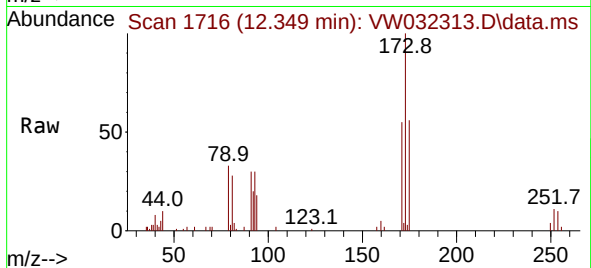
Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :



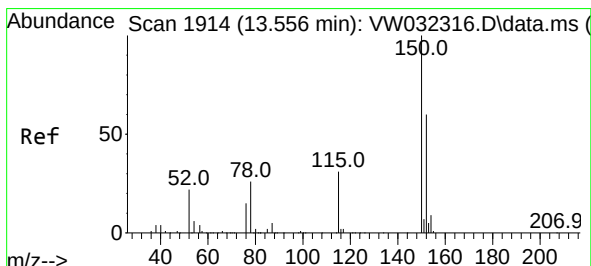
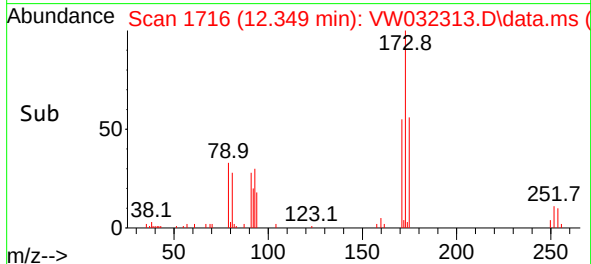
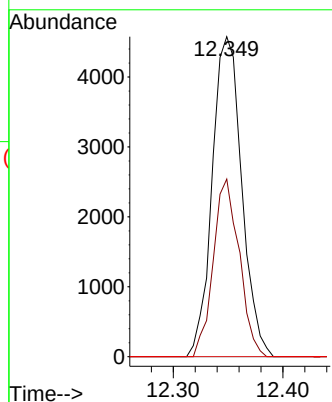
Tgt Ion:173 Resp: 8566

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.7

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

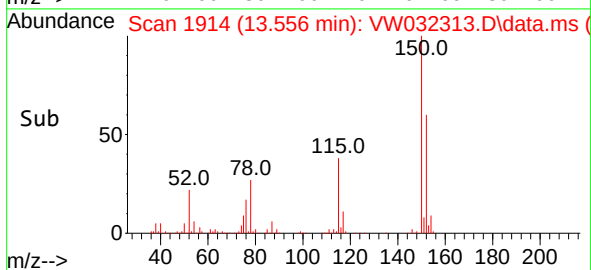
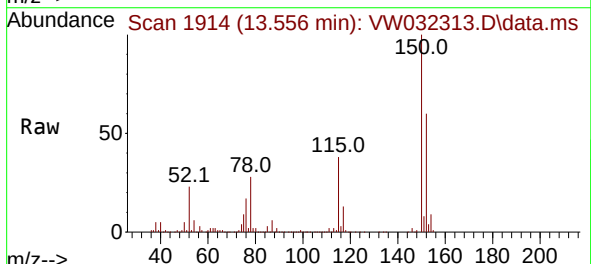
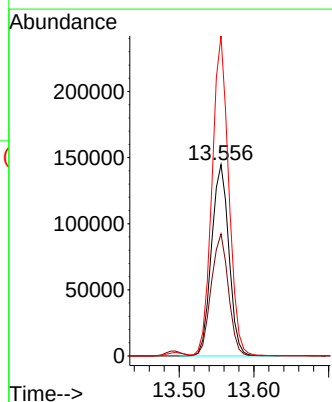
Tgt Ion:152 Resp: 234250

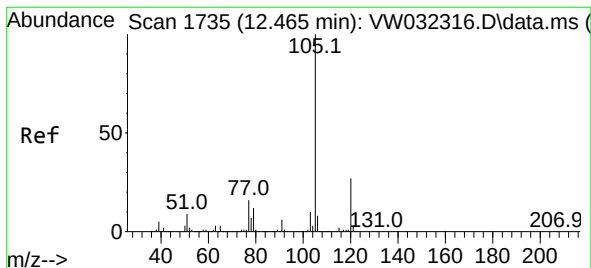
Ion Ratio Lower Upper

152 100

115 63.3 31.8 95.4

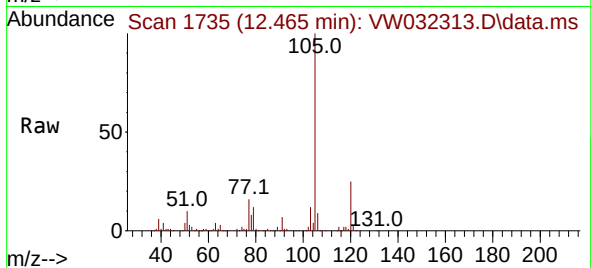
150 160.2 0.0 343.0



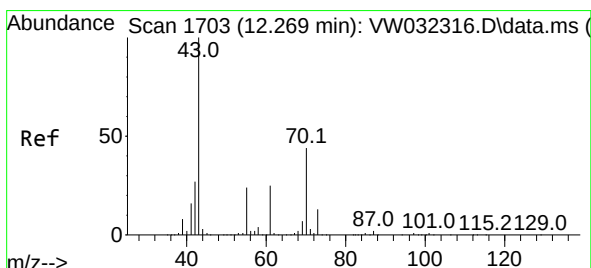
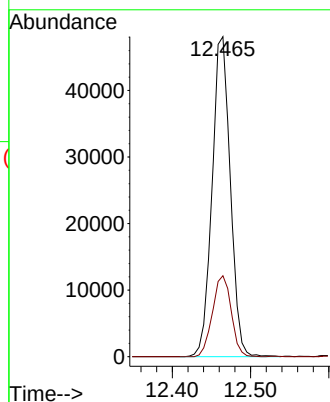
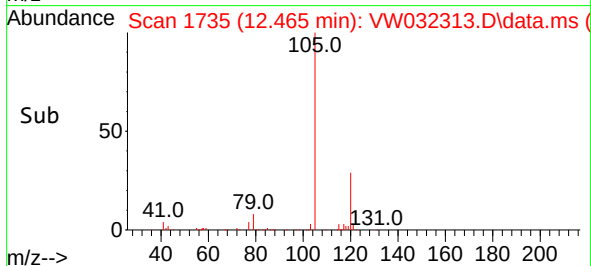


#73
Isopropylbenzene
Concen: 4.847 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

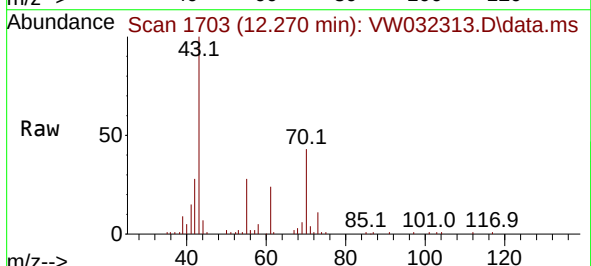
Instrument :
MSVOA_W
ClientSampleId :



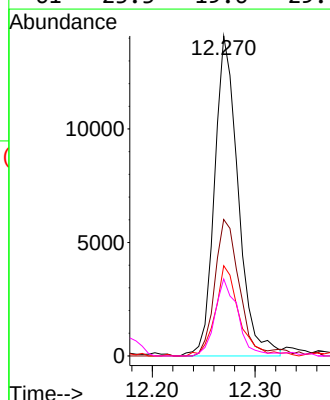
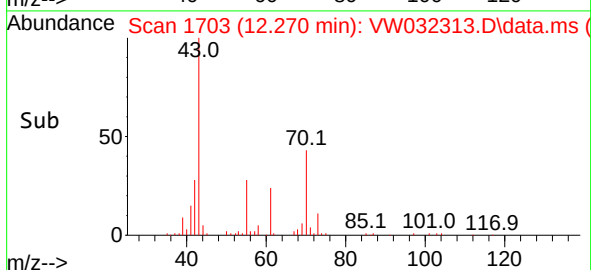
Tgt Ion:105 Resp: 77676
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

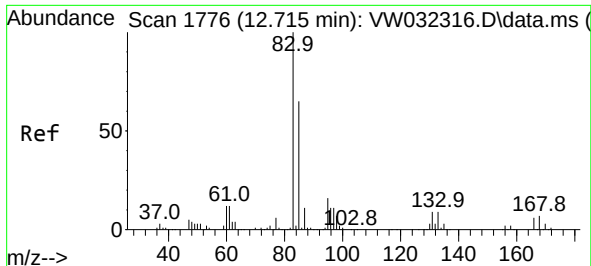


#74
N-ethyl acetate
Concen: 4.416 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12



Tgt Ion: 43 Resp: 22577
Ion Ratio Lower Upper
43 100
70 43.3 35.3 52.9
55 28.4 19.9 29.9
61 23.3 19.6 29.4

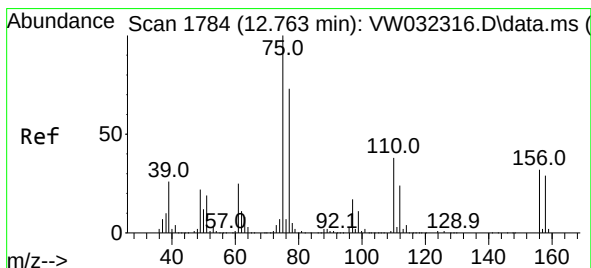
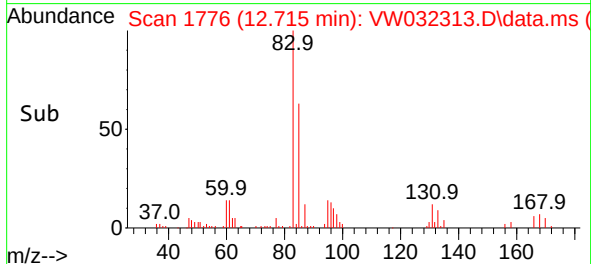
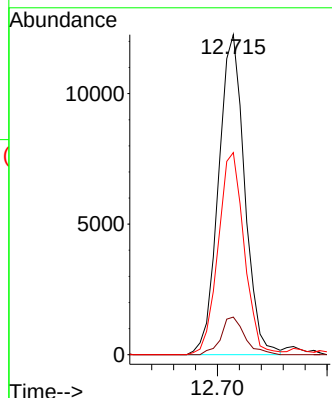
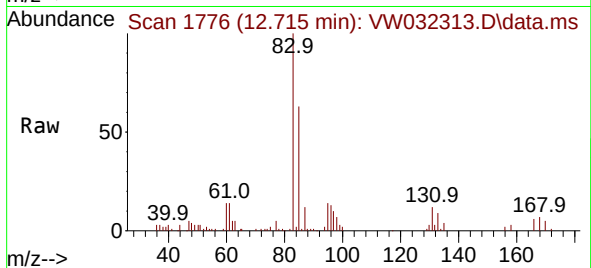




#75
1,1,2,2-Tetrachloroethane
Concen: 5.102 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

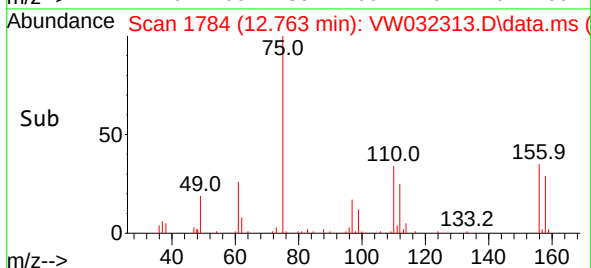
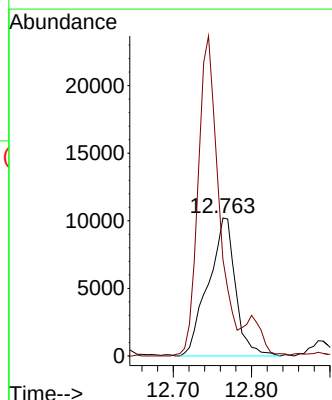
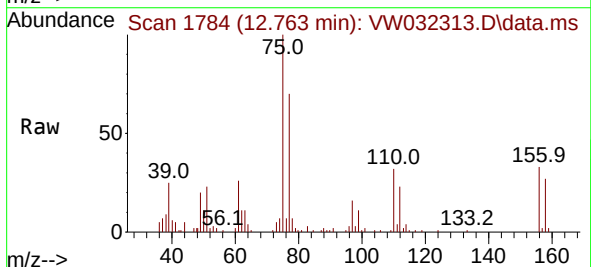
Instrument :
MSVOA_W
ClientSampleId :

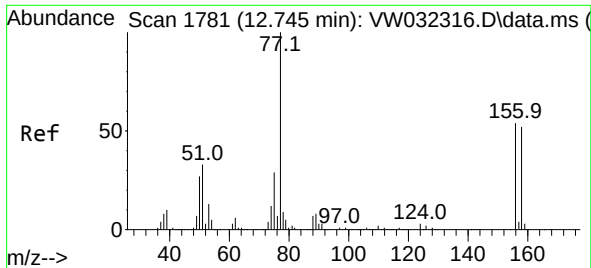
Tgt Ion: 83 Resp: 20303
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 62.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 7.977 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 75 Resp: 24658
Ion Ratio Lower Upper
75 100
77 178.6 141.7 425.1

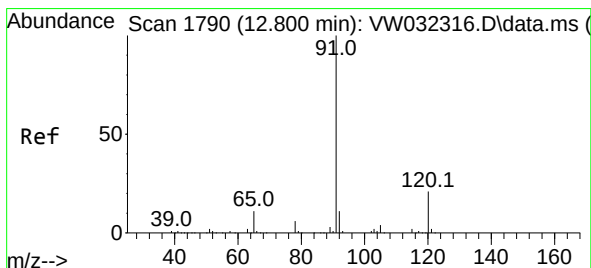
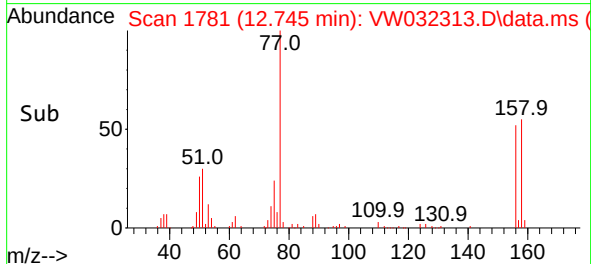
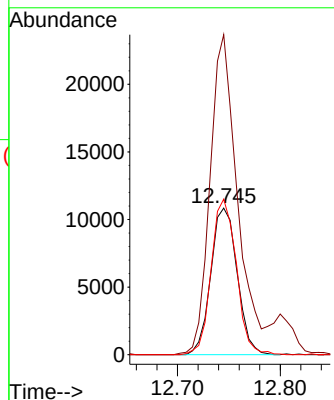
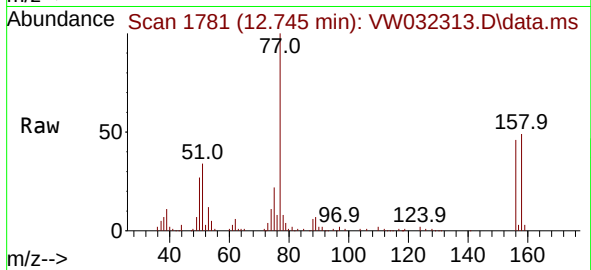




#77
Bromobenzene
Concen: 4.999 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

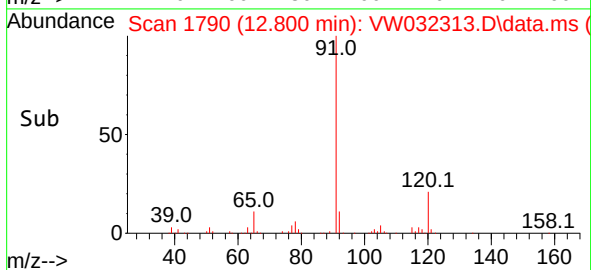
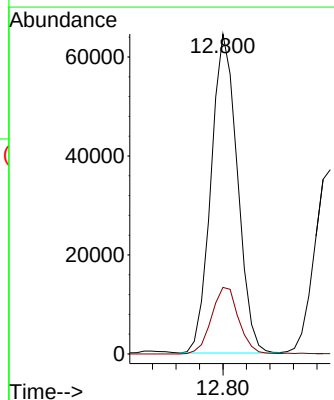
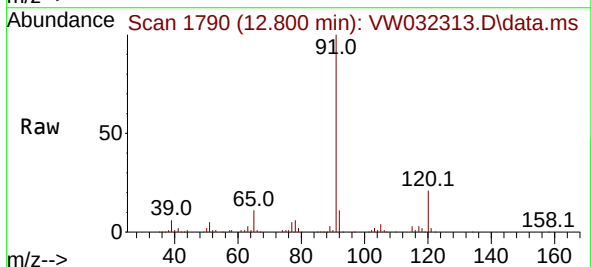
Instrument :
MSVOA_W
ClientSampleId :

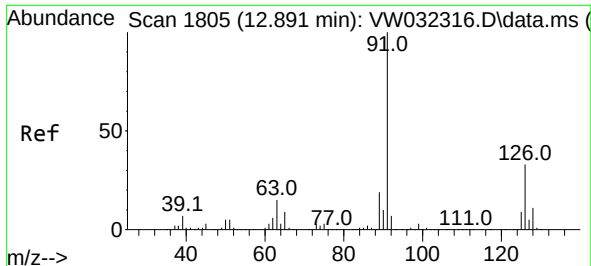
Tgt Ion:156 Resp: 19313
Ion Ratio Lower Upper
156 100
77 228.1 98.6 295.7
158 101.1 48.4 145.0



#78
n-propylbenzene
Concen: 5.016 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Tgt Ion: 91 Resp: 100413
Ion Ratio Lower Upper
91 100
120 21.5 11.8 35.4

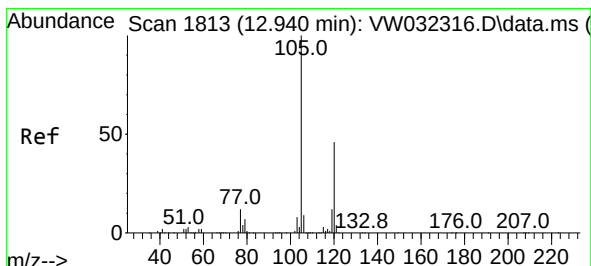
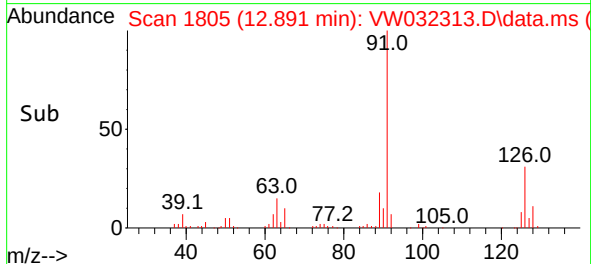
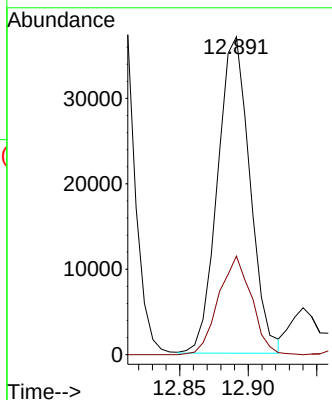
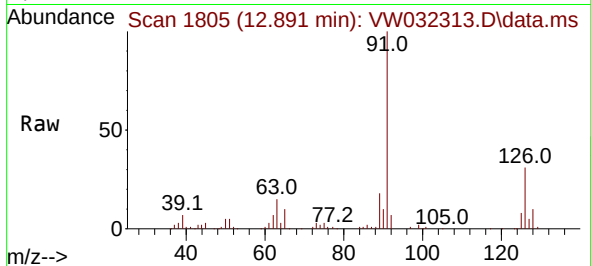




#79
2-Chlorotoluene
Concen: 4.984 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

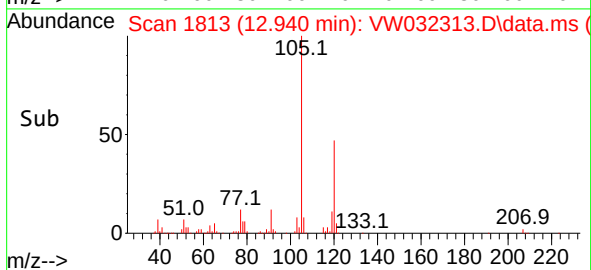
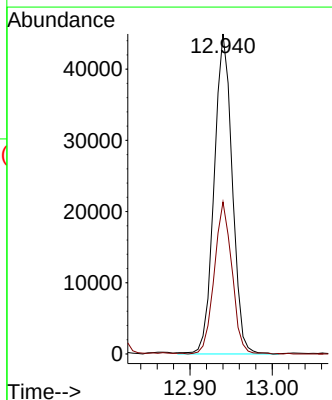
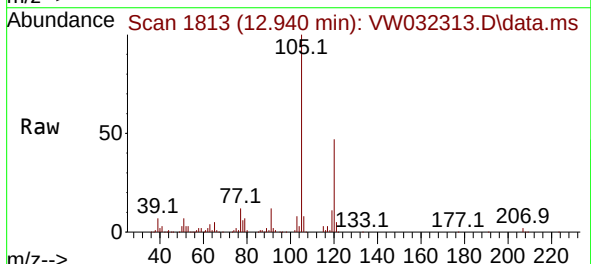
Instrument :
MSVOA_W
ClientSampleId :

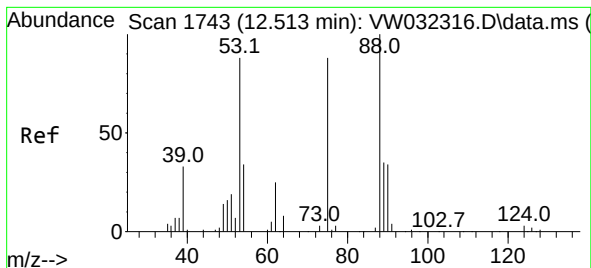
Tgt Ion: 91 Resp: 61002
Ion Ratio Lower Upper
91 100
126 31.7 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 4.969 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

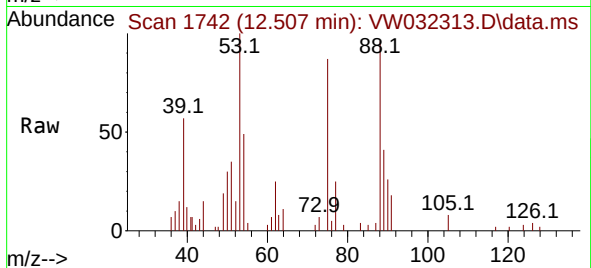
Tgt Ion: 105 Resp: 68864
Ion Ratio Lower Upper
105 100
120 46.2 24.8 74.4



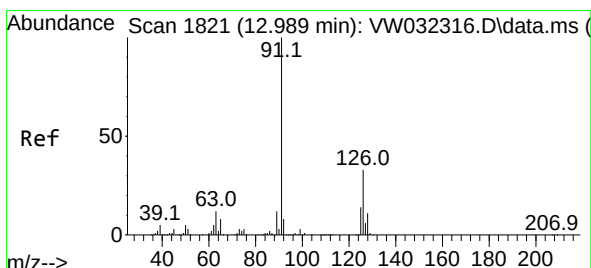
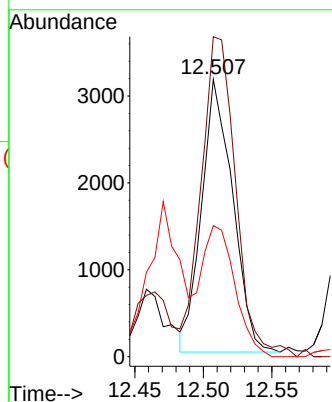
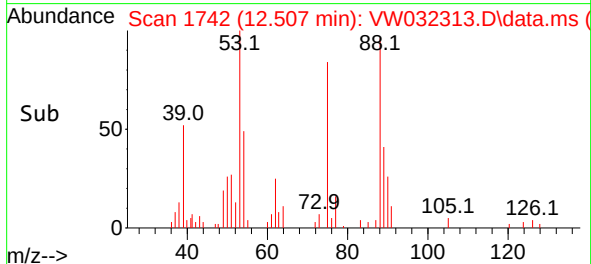


#81
trans-1,4-Dichloro-2-butene
Concen: 4.059 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

Instrument :
MSVOA_W
ClientSampleId :

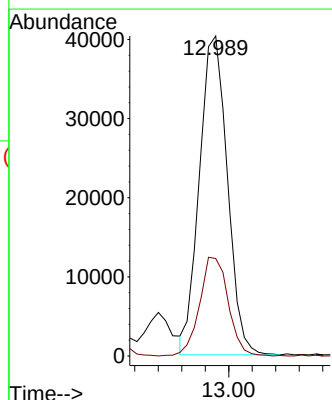
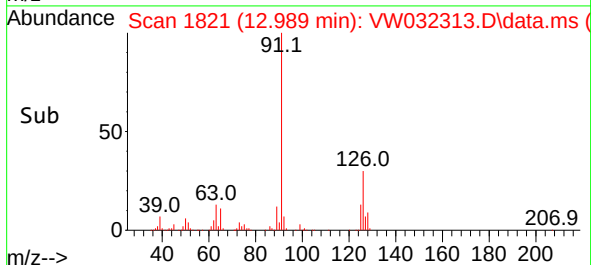
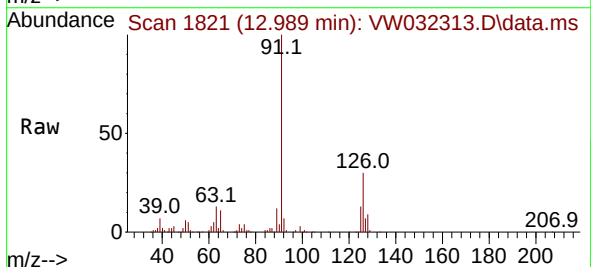


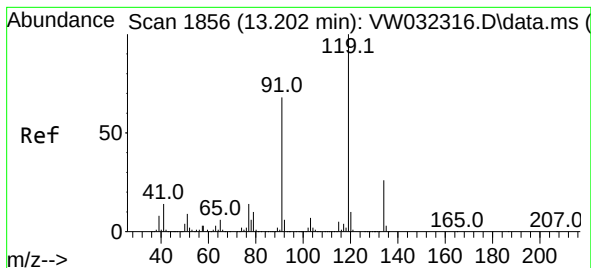
Tgt Ion:	75	Resp:	4939
Ion	Ratio	Lower	Upper
75	100		
53	131.1	91.0	136.6
89	53.2	39.4	59.2



#82
4-Chlorotoluene
Concen: 5.124 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

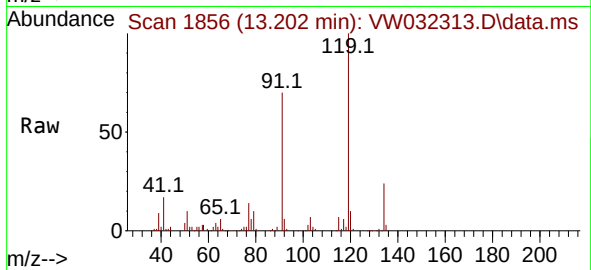
Tgt Ion:	91	Resp:	66681
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.1	48.2



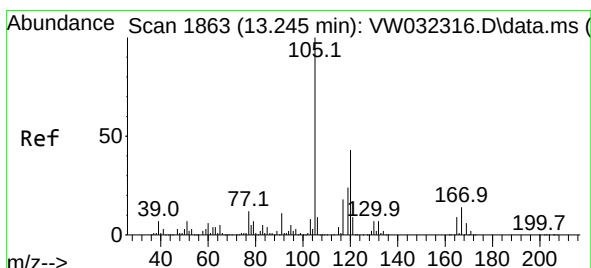
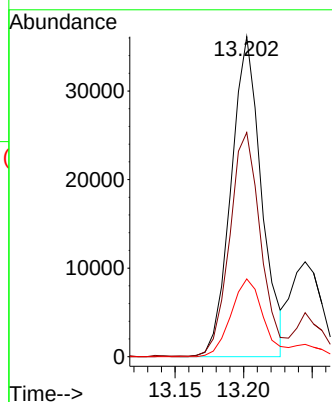
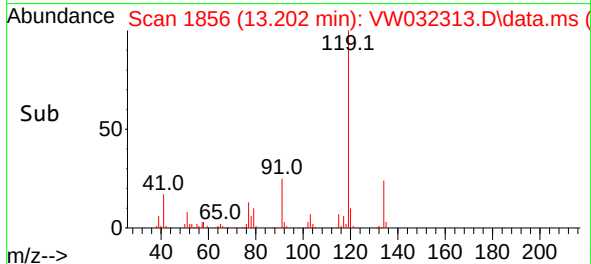


#83
tert-Butylbenzene
Concen: 4.914 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12

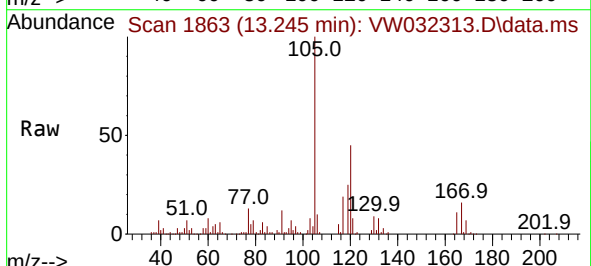
Instrument :
MSVOA_W
ClientSampleId :



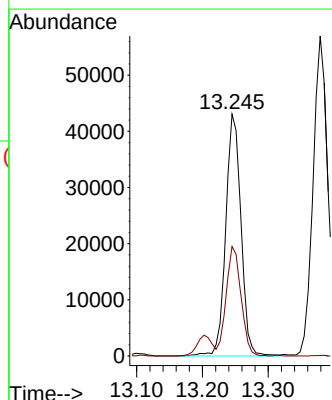
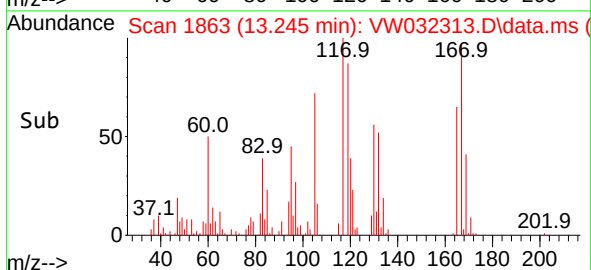
Tgt Ion:119 Resp: 55879
Ion Ratio Lower Upper
119 100
91 71.8 33.8 101.3
134 25.9 12.5 37.5

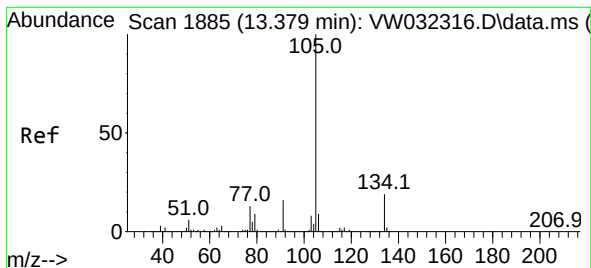


#84
1,2,4-Trimethylbenzene
Concen: 4.943 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032313.D
Acq: 01 Oct 2025 13:12



Tgt Ion:105 Resp: 69654
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 5.134 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

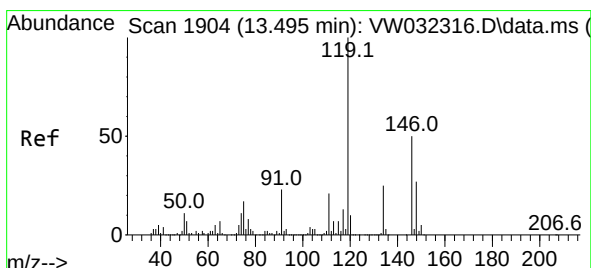
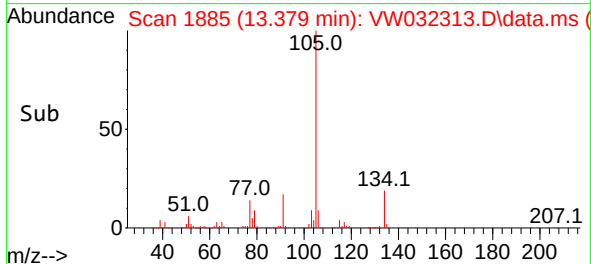
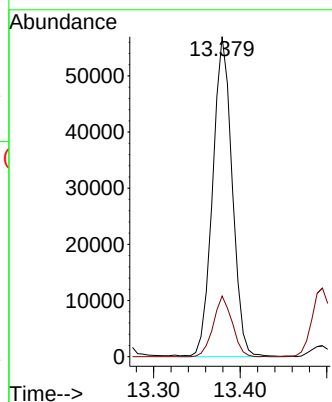
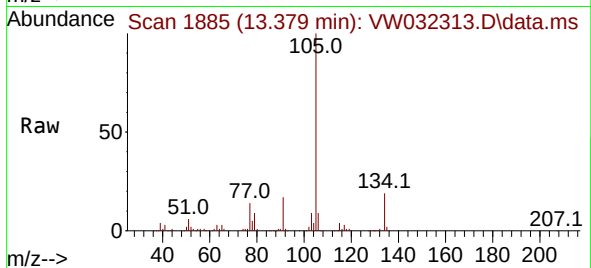
ClientSampleId :

Tgt Ion:105 Resp: 89212

Ion Ratio Lower Upper

105 100

134 18.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 5.090 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

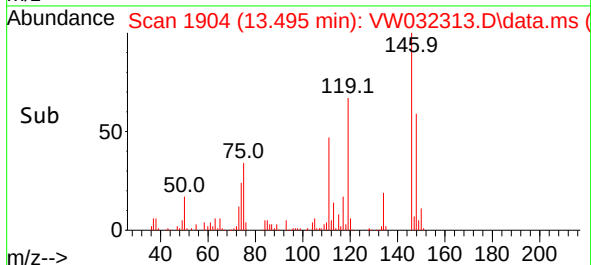
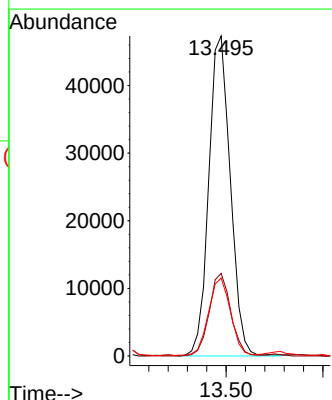
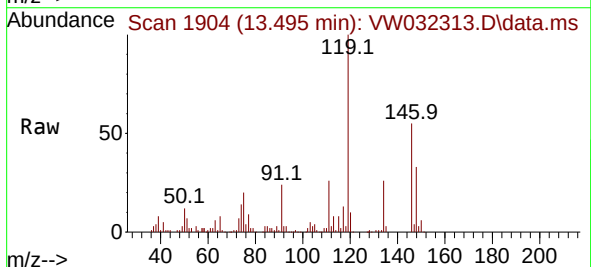
Tgt Ion:119 Resp: 73385

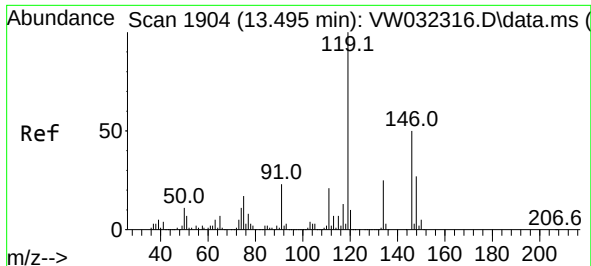
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 5.284 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

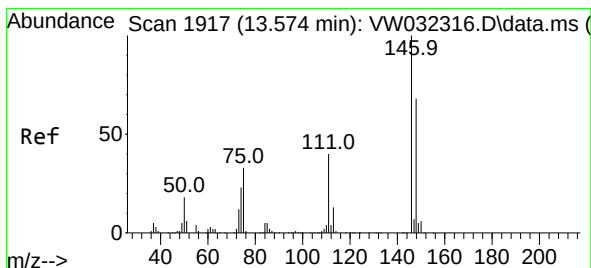
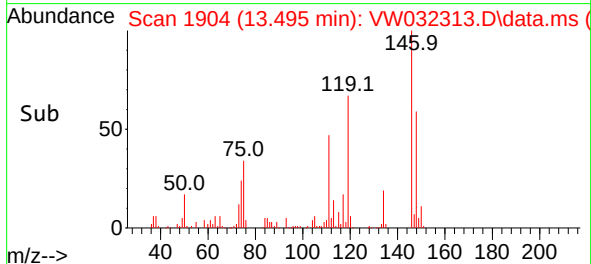
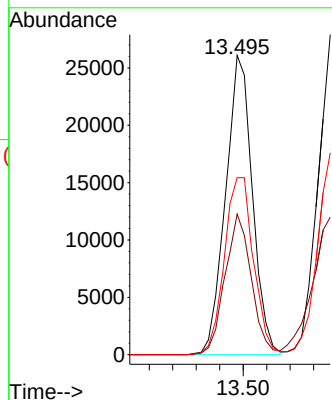
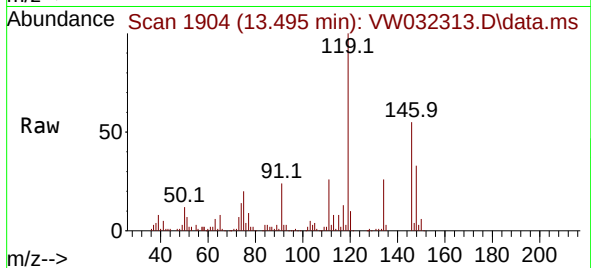
Tgt Ion:146 Resp: 41335

Ion Ratio Lower Upper

146 100

111 46.2 20.6 61.9

148 64.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 5.507 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

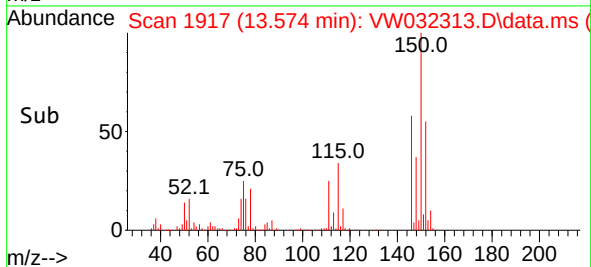
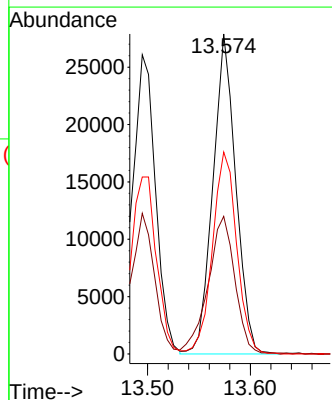
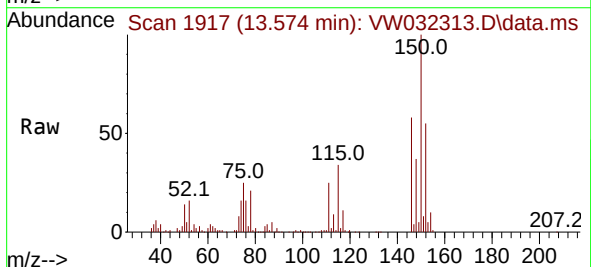
Tgt Ion:146 Resp: 43076

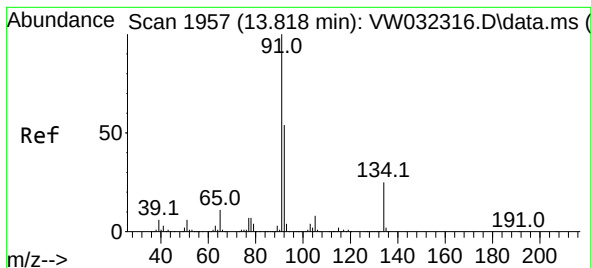
Ion Ratio Lower Upper

146 100

111 50.7 21.3 63.7

148 67.2 33.4 100.1





#89

n-Butylbenzene

Concen: 5.006 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032313.D

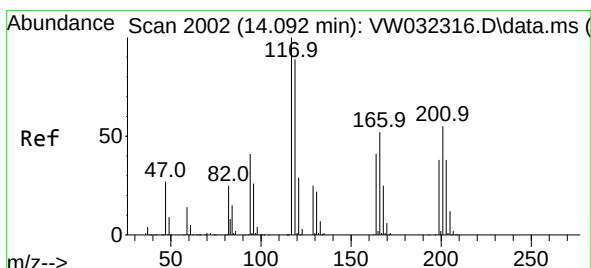
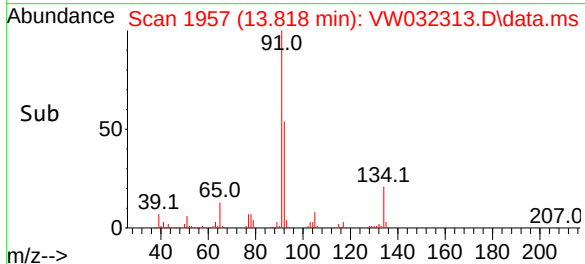
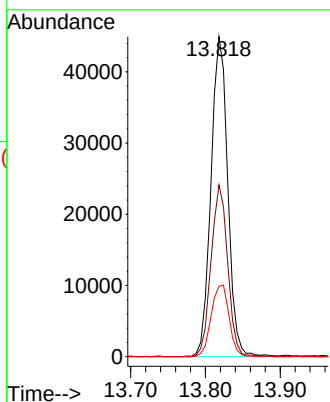
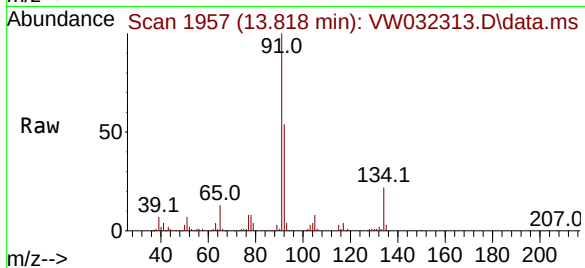
Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	70466
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	81.0
134	23.8	13.1	39.3



#90

Hexachloroethane

Concen: 5.178 ug/l

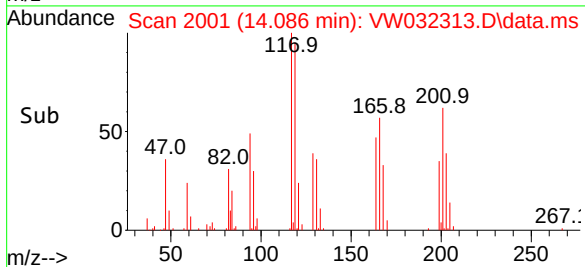
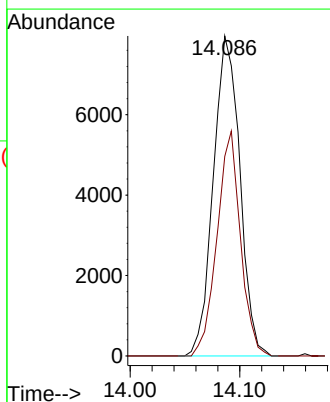
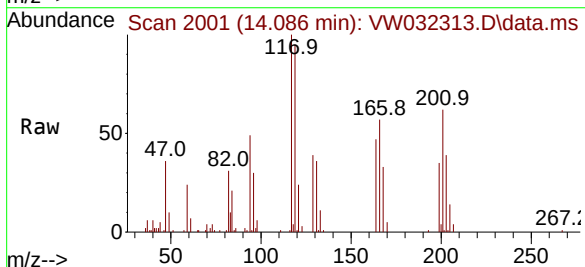
RT: 14.086 min Scan# 2001

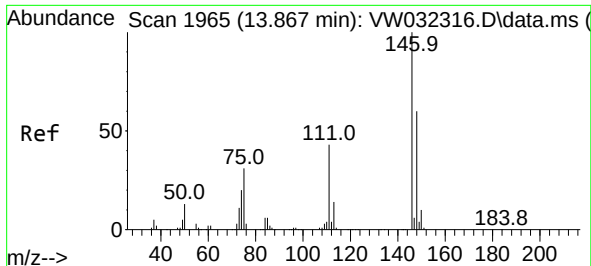
Delta R.T. -0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Tgt Ion:	117	Resp:	13382
Ion	Ratio	Lower	Upper
117	100		
201	62.2	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 5.104 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

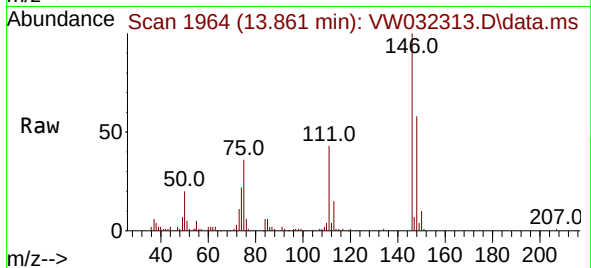
Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :



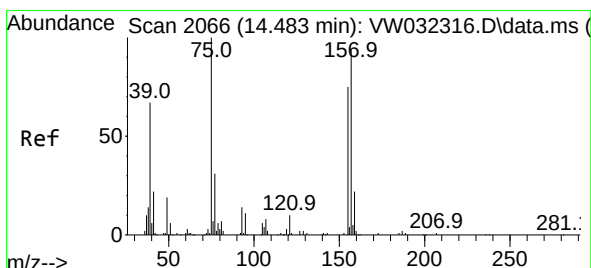
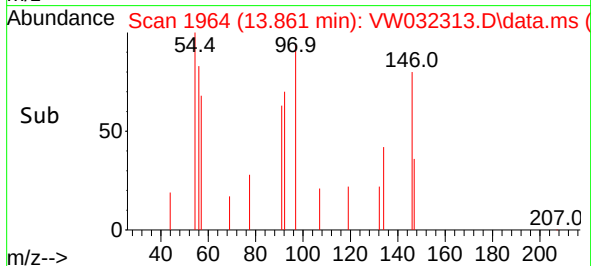
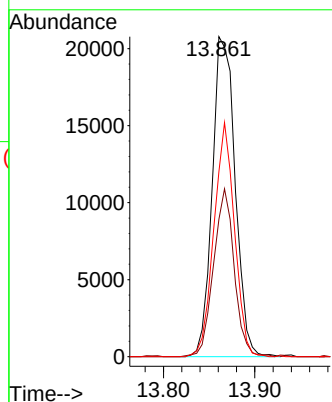
Tgt Ion:146 Resp: 36095

Ion Ratio Lower Upper

146 100

111 47.4 23.4 70.0

148 65.9 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.914 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

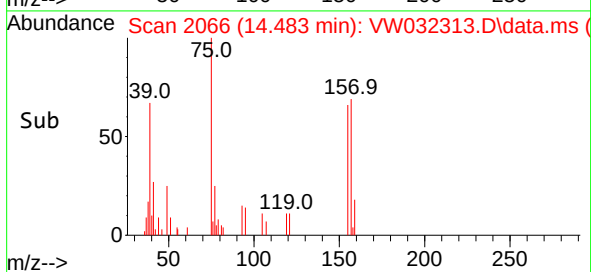
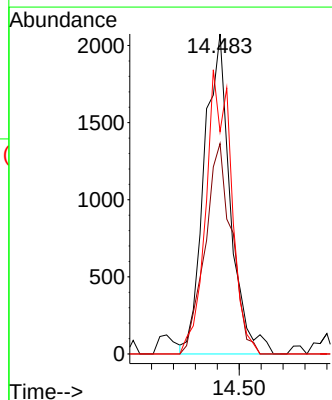
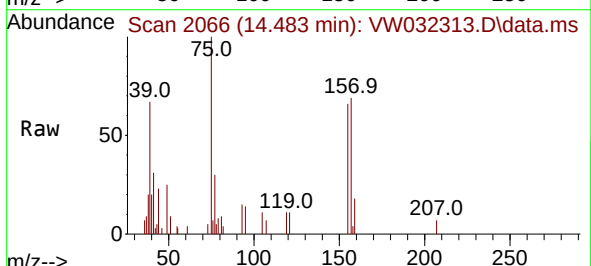
Tgt Ion: 75 Resp: 3424

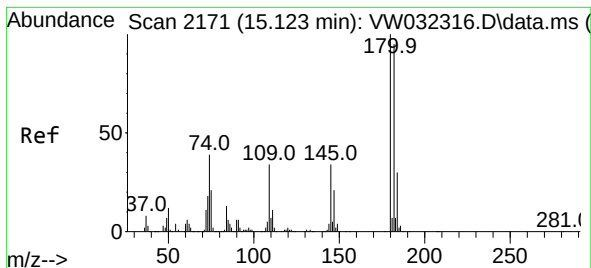
Ion Ratio Lower Upper

75 100

155 67.6 40.8 122.5

157 87.1 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 5.279 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

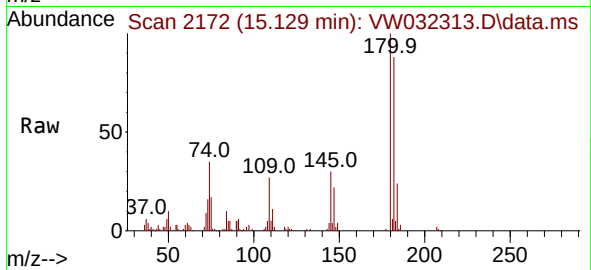
Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :



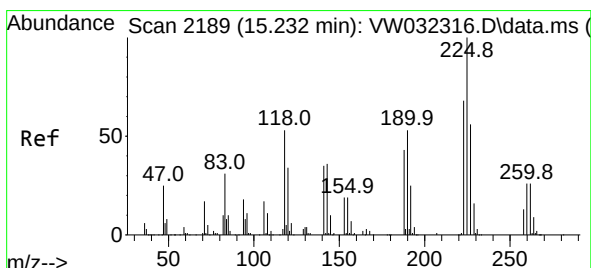
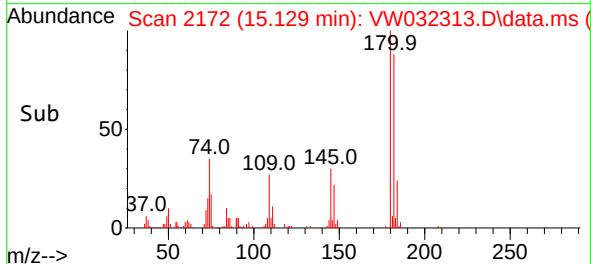
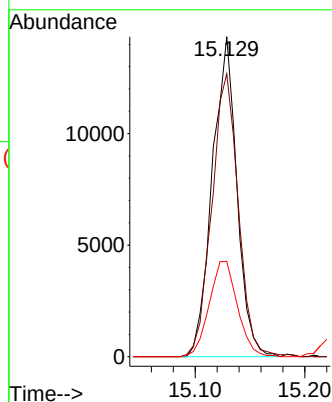
Tgt Ion:180 Resp: 22385

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 34.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 5.775 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

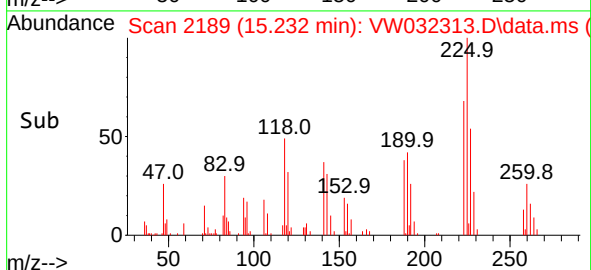
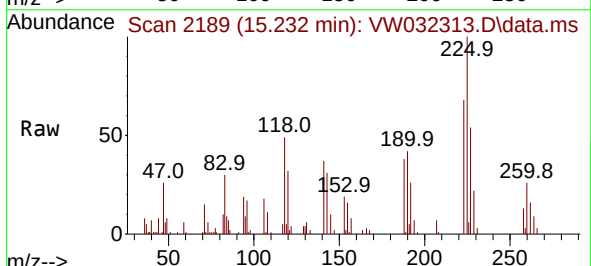
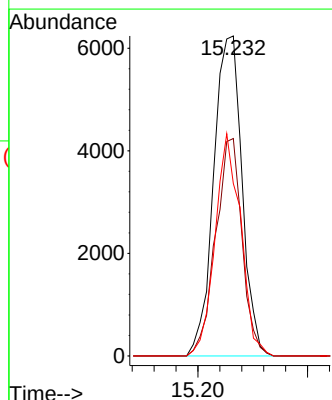
Tgt Ion:225 Resp: 11196

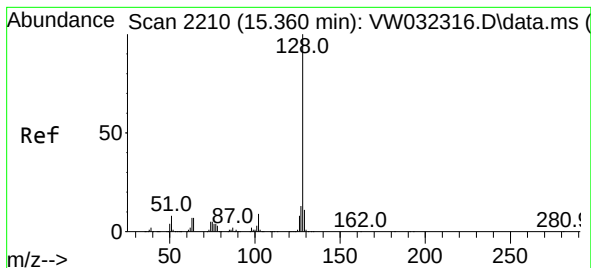
Ion Ratio Lower Upper

225 100

223 63.5 29.8 89.3

227 62.7 30.5 91.5





#95

Naphthalene

Concen: 4.481 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032313.D

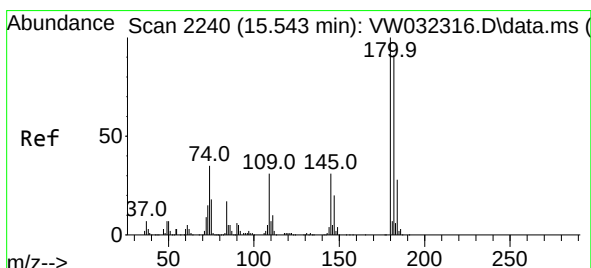
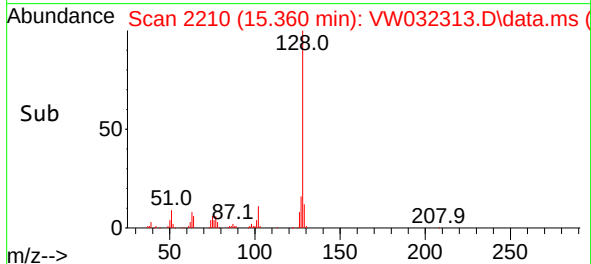
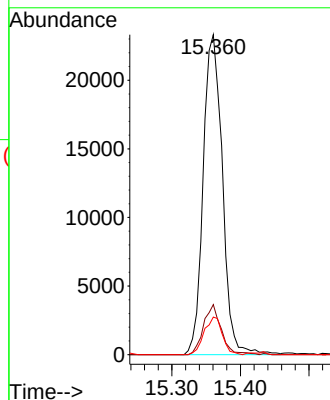
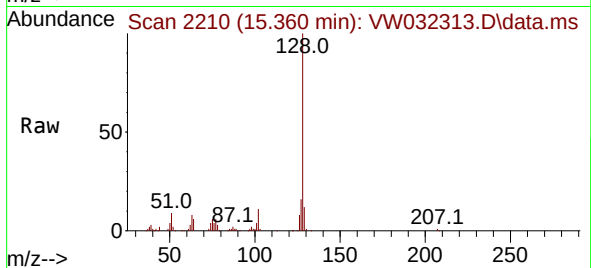
Acq: 01 Oct 2025 13:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	45626
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.6	16.0
129	11.1	8.4	12.6



#96

1,2,3-Trichlorobenzene

Concen: 5.236 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW032313.D

Acq: 01 Oct 2025 13:12

Tgt Ion:	180	Resp:	20926
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.7	143.1
145	38.0	17.2	51.6

