

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032342.D
 Acq On : 03 Oct 2025 10:31
 Operator : SY/MD
 Sample : VW1003SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

Quant Time: Oct 04 04:59:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	280986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	514655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	480184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	244340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	209797	51.191	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 102.380%	
35) Dibromofluoromethane	7.898	113	170894	51.274	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.540%	
50) Toluene-d8	10.331	98	652301	53.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.617	95	243553	52.383	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 104.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	36824	20.884	ug/l	99
3) Chloromethane	2.253	50	53856	19.795	ug/l	95
4) Vinyl Chloride	2.405	62	71273	21.943	ug/l	98
5) Bromomethane	2.820	94	51510	21.580	ug/l	95
6) Chloroethane	2.966	64	45203	21.079	ug/l	96
7) Trichlorofluoromethane	3.308	101	54972	22.604	ug/l	94
8) Diethyl Ether	3.722	74	45452	21.568	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.106	101	61069	20.936	ug/l	94
10) Methyl Iodide	4.313	142	91157	21.902	ug/l	98
11) Tert butyl alcohol	5.216	59	34176	110.168	ug/l #	82
12) 1,1-Dichloroethene	4.076	96	66870	21.116	ug/l	83
13) Acrolein	3.929	56	56064	111.356	ug/l	98
14) Allyl chloride	4.704	41	115345	21.565	ug/l	89
15) Acrylonitrile	5.399	53	114281	104.239	ug/l	98
16) Acetone	4.161	43	117029	103.127	ug/l	98
17) Carbon Disulfide	4.423	76	186164	21.545	ug/l	100
18) Methyl Acetate	4.710	43	62903	19.350	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	133841	21.458	ug/l	97
20) Methylene Chloride	4.954	84	99072	23.544	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	74671	21.298	ug/l	95
22) Diisopropyl ether	6.344	45	239475	21.528	ug/l	95
23) Vinyl Acetate	6.283	43	792465	106.657	ug/l	99
24) 1,1-Dichloroethane	6.246	63	144844	21.432	ug/l	97
25) 2-Butanone	7.191	43	158120	102.307	ug/l	99
26) 2,2-Dichloropropane	7.185	77	78833	22.804	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	89243	21.188	ug/l	93
28) Bromochloromethane	7.532	49	64926	20.419	ug/l	87
29) Tetrahydrofuran	7.551	42	99667	102.544	ug/l	94
30) Chloroform	7.691	83	148565	21.676	ug/l	99
31) Cyclohexane	7.971	56	120184	20.831	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	106459	21.919	ug/l	99
36) 1,1-Dichloropropene	8.093	75	101791	21.640	ug/l	98
37) Ethyl Acetate	7.276	43	68609	21.914	ug/l	98
38) Carbon Tetrachloride	8.087	117	98049	22.151	ug/l #	93
39) Methylcyclohexane	9.343	83	119548	21.070	ug/l	94
40) Benzene	8.337	78	317296	21.521	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35498	21.038	ug/l	95
42) 1,2-Dichloroethane	8.416	62	103118	21.375	ug/l	99
43) Isopropyl Acetate	8.435	43	117538	21.162	ug/l	99
44) Trichloroethene	9.099	130	74758	21.655	ug/l	90
45) 1,2-Dichloropropane	9.380	63	78010	21.198	ug/l	97
46) Dibromomethane	9.465	93	48612	21.482	ug/l	94
47) Bromodichloromethane	9.654	83	108411	20.945	ug/l	94
48) Methyl methacrylate	9.441	41	56601	20.960	ug/l #	91
49) 1,4-Dioxane	9.459	88	12333	398.732	ug/l #	87
51) 4-Methyl-2-Pentanone	10.215	43	339081	105.404	ug/l	99
52) Toluene	10.392	92	196886	21.443	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	103065	20.525	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	118600	20.504	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	63746	21.077	ug/l	95
56) Ethyl methacrylate	10.648	69	86298	20.385	ug/l	96
57) 1,3-Dichloropropane	10.934	76	117496	21.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	220821	98.013	ug/l	96
59) 2-Hexanone	10.971	43	239195	105.424	ug/l	98
60) Dibromochloromethane	11.129	129	72848	21.212	ug/l	96
61) 1,2-Dibromoethane	11.239	107	61426	20.829	ug/l	98
64) Tetrachloroethene	10.867	164	58955	20.518	ug/l	92
65) Chlorobenzene	11.660	112	220669	20.886	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	68946	20.952	ug/l	99
67) Ethyl Benzene	11.727	91	368376	20.917	ug/l	98
68) m/p-Xylenes	11.836	106	285983	42.112	ug/l	99
69) o-Xylene	12.166	106	129748	20.430	ug/l	98
70) Styrene	12.178	104	235147	21.207	ug/l	98
71) Bromoform	12.349	173	36757	19.487	ug/l #	98
73) Isopropylbenzene	12.464	105	341118	20.406	ug/l	99
74) N-amyl acetate	12.269	43	107047	20.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	82780	19.944	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	103042	32.046	ug/l	43
77) Bromobenzene	12.745	156	79961	19.843	ug/l	87
78) n-propylbenzene	12.800	91	429522	20.570	ug/l	97
79) 2-Chlorotoluene	12.891	91	257321	20.154	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	283160	19.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	24902	19.619	ug/l	94
82) 4-Chlorotoluene	12.989	91	271331	19.989	ug/l	99
83) tert-Butylbenzene	13.202	119	247707	20.886	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	301850	20.537	ug/l	100
85) sec-Butylbenzene	13.379	105	359423	19.831	ug/l	99
86) p-Isopropyltoluene	13.495	119	305005	20.281	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	165579	20.292	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	168683	20.675	ug/l	97
89) n-Butylbenzene	13.818	91	298633	20.338	ug/l	99
90) Hexachloroethane	14.086	117	52244	19.381	ug/l	87
91) 1,2-Dichlorobenzene	13.867	146	146324	19.838	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14141	19.459	ug/l	88
93) 1,2,4-Trichlorobenzene	15.122	180	87929	19.880	ug/l	99
94) Hexachlorobutadiene	15.226	225	39478	19.522	ug/l	93
95) Naphthalene	15.360	128	212463	20.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	82685	19.834	ug/l	96

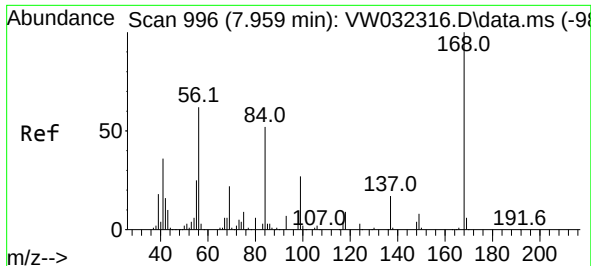
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Response via : Initial Calibration

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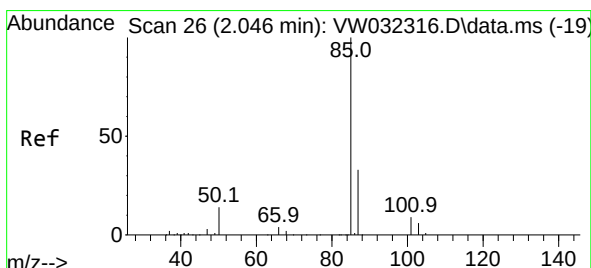
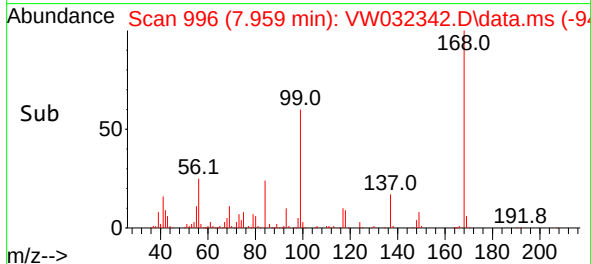
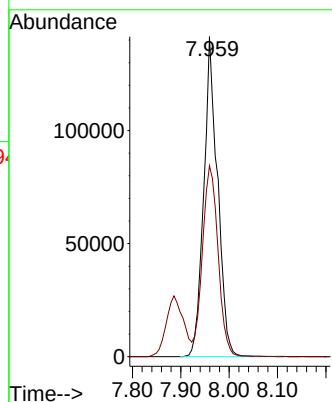
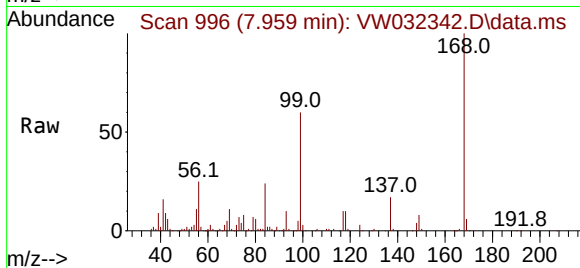
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

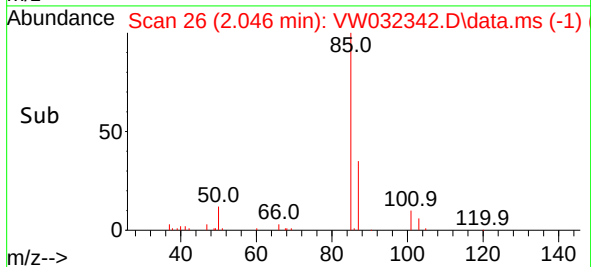
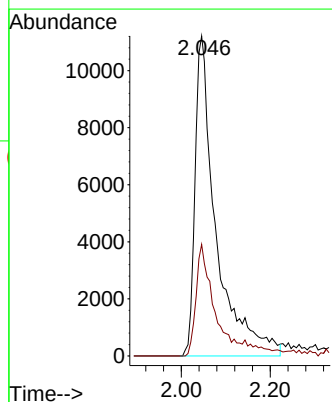
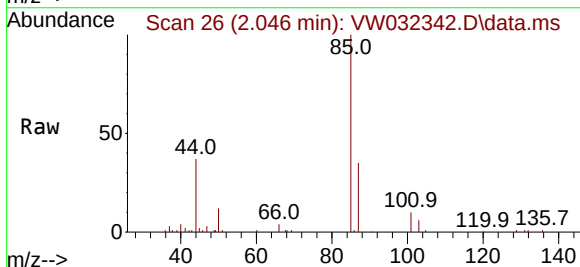
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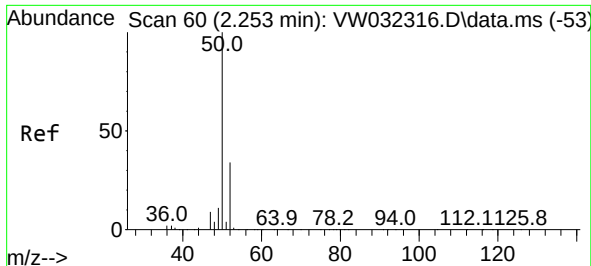
Tgt Ion:168 Resp: 280986
Ion Ratio Lower Upper
168 100
99 59.5 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 20.884 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 85 Resp: 36824
Ion Ratio Lower Upper
85 100
87 34.9 17.2 51.6

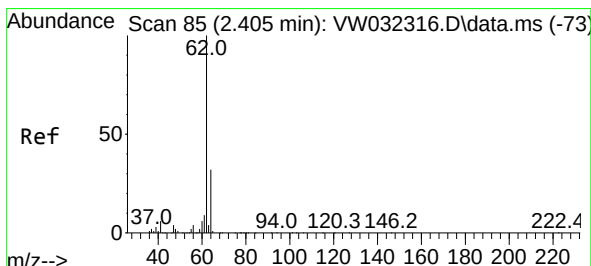
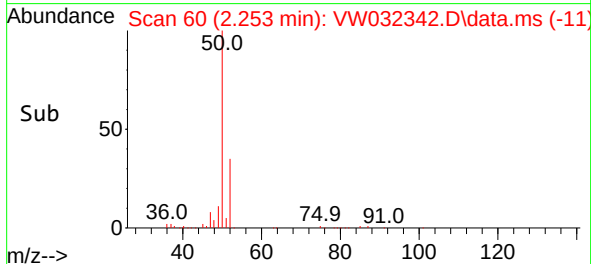
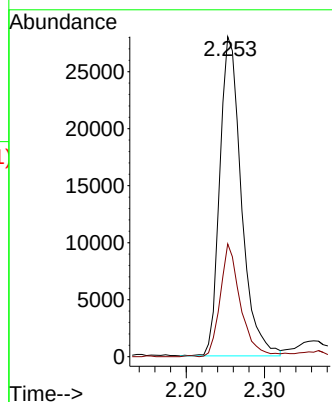
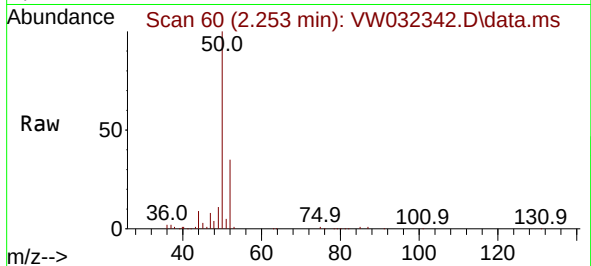




#3
Chloromethane
Concen: 19.795 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

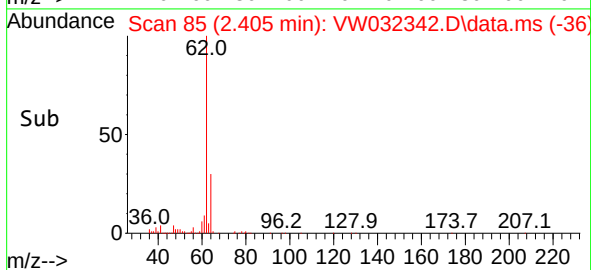
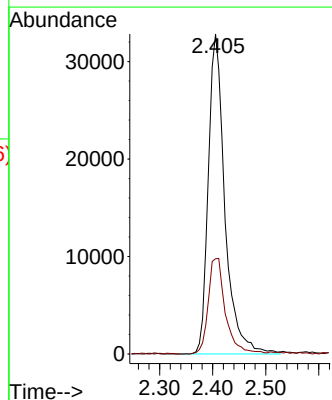
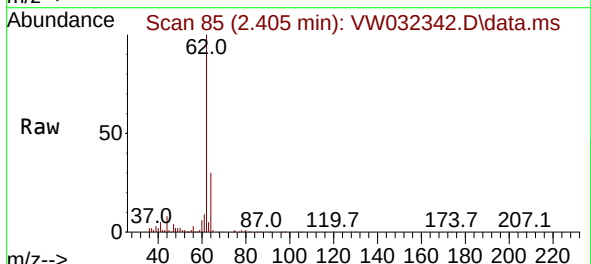
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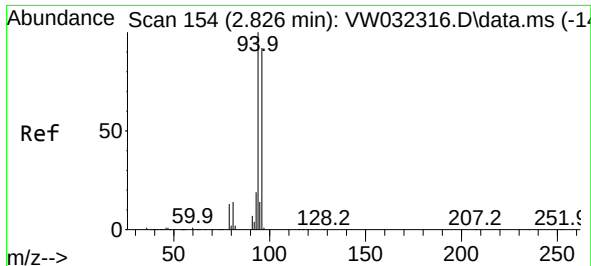
Tgt Ion: 50 Resp: 53856
Ion Ratio Lower Upper
50 100
52 35.3 26.1 39.1



#4
Vinyl Chloride
Concen: 21.943 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 62 Resp: 71273
Ion Ratio Lower Upper
62 100
64 29.8 24.8 37.2

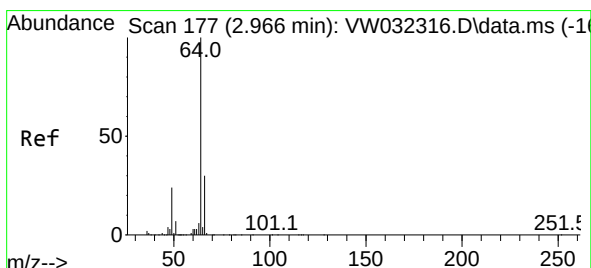
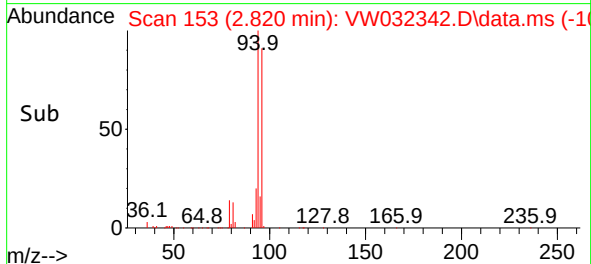
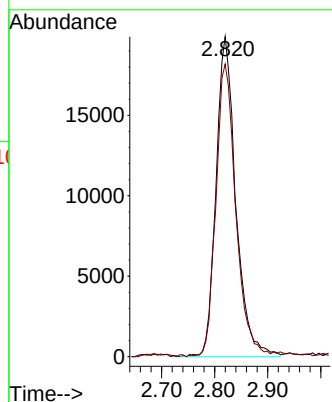
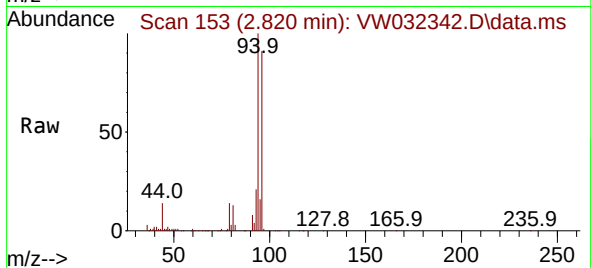




#5
Bromomethane
Concen: 21.580 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

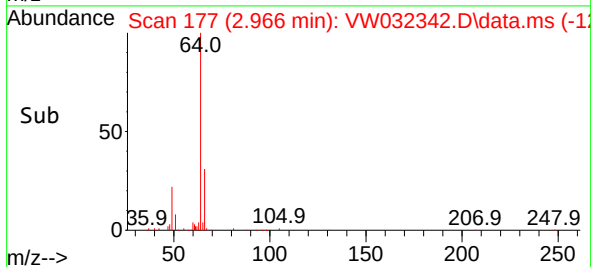
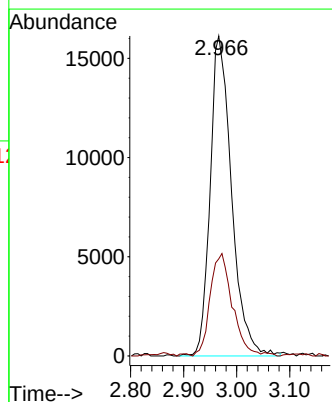
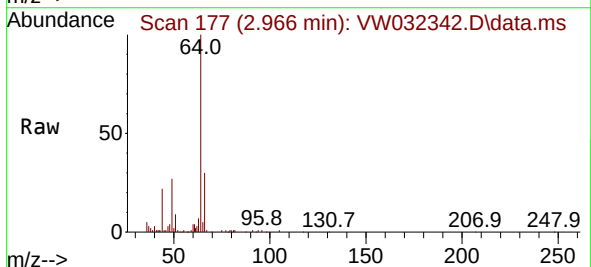
Instrument :
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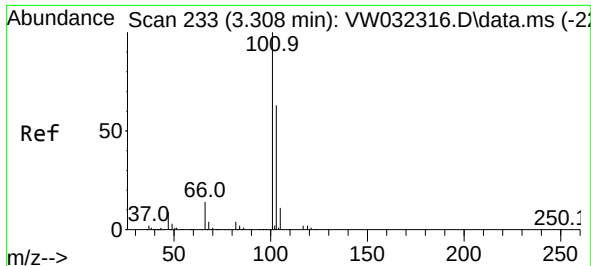
Tgt Ion: 94 Resp: 51510
Ion Ratio Lower Upper
94 100
96 90.9 76.6 115.0



#6
Chloroethane
Concen: 21.079 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 64 Resp: 45203
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4

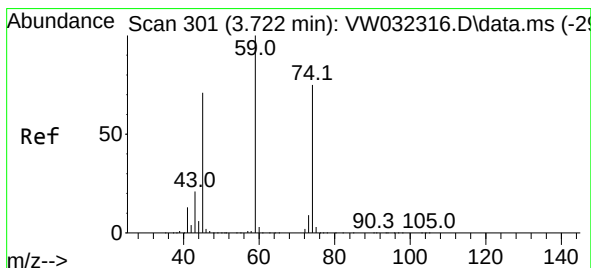
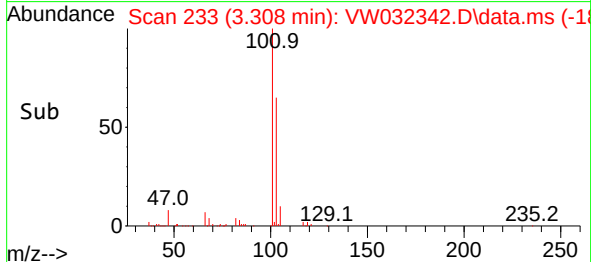
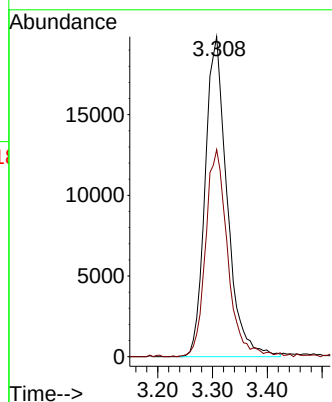
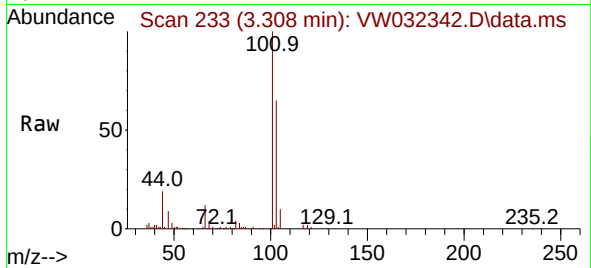




#7
 Trichlorofluoromethane
 Concen: 22.604 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

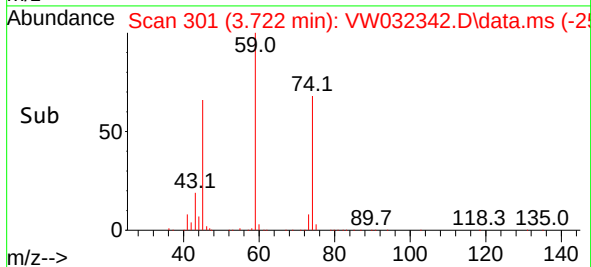
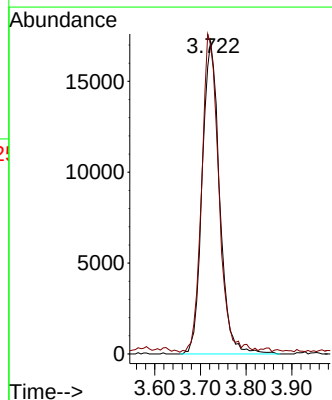
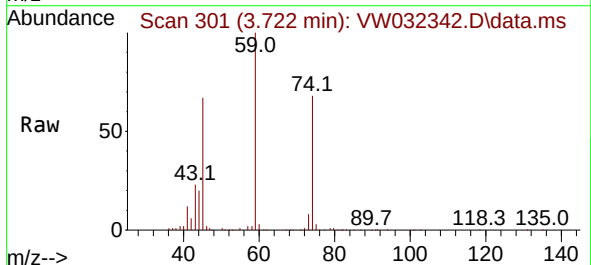
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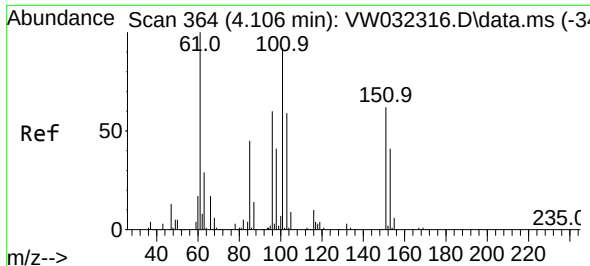
Tgt Ion:101 Resp: 54972
 Ion Ratio Lower Upper
 101 100
 103 64.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 21.568 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

Tgt Ion: 74 Resp: 45452
 Ion Ratio Lower Upper
 74 100
 45 99.6 43.1 129.4

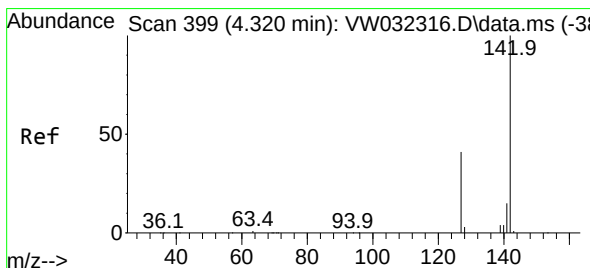
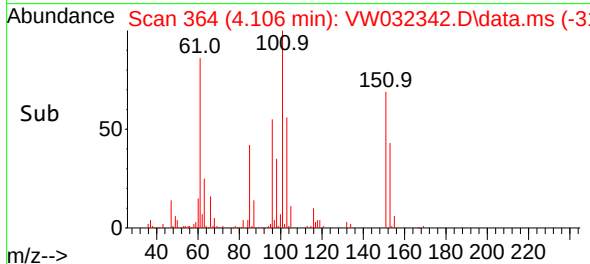
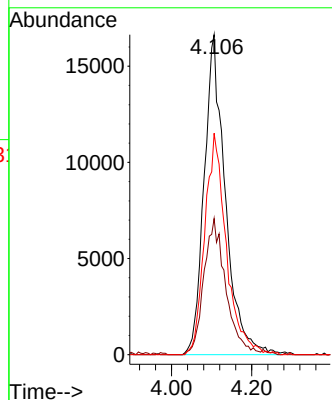
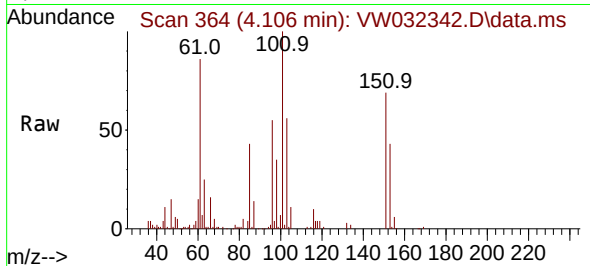




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.936 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032342.D
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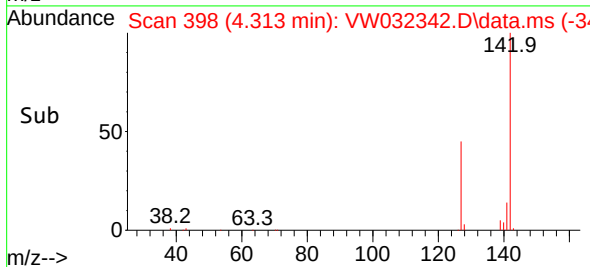
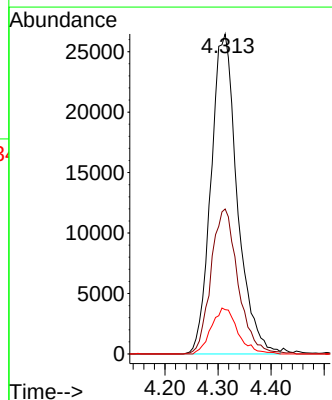
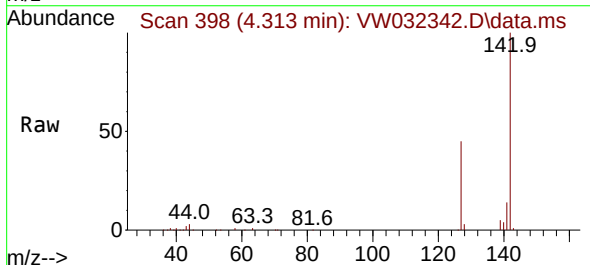
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

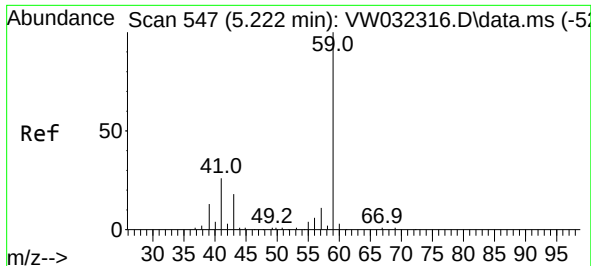
Tgt Ion:101 Resp: 61069
Ion Ratio Lower Upper
101 100
85 44.0 37.1 55.7
151 70.7 61.5 92.3



#10
Methyl Iodide
Concen: 21.902 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:142 Resp: 91157
Ion Ratio Lower Upper
142 100
127 46.6 38.2 57.2
141 14.5 12.2 18.2

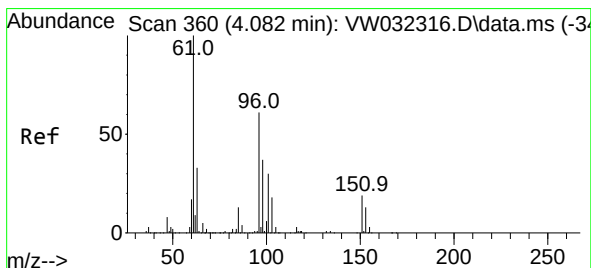
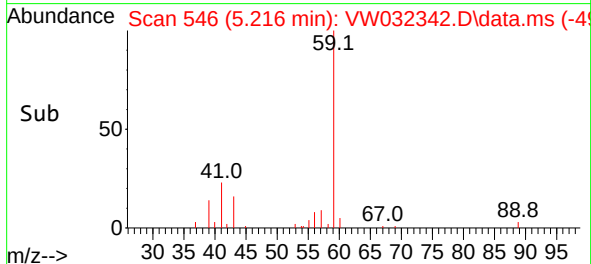
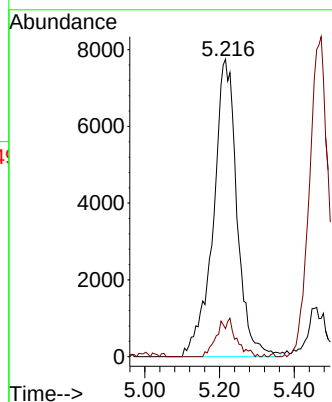
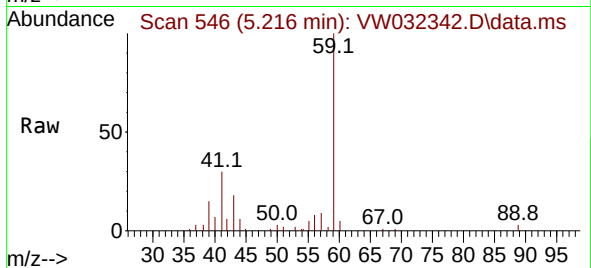




#11
Tert butyl alcohol
Concen: 110.168 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

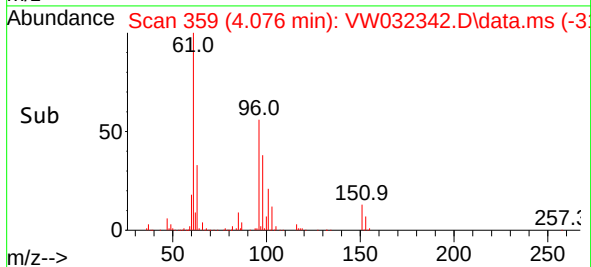
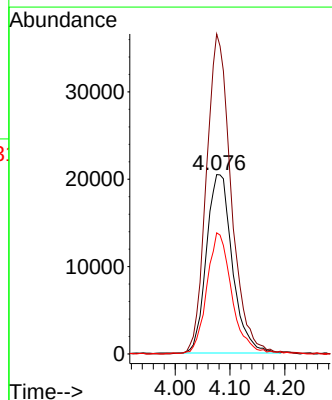
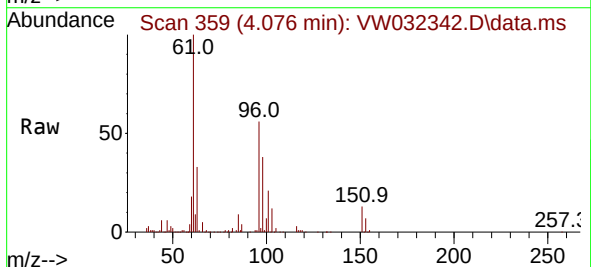
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

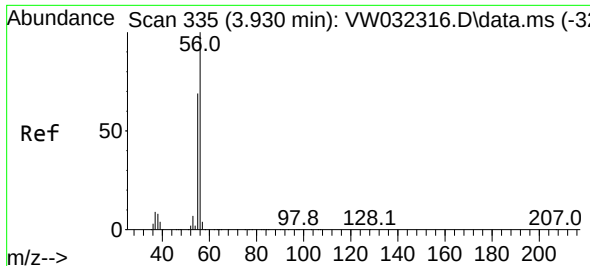
Tgt Ion: 59 Resp: 34176
Ion Ratio Lower Upper
59 100
57 5.2 9.8 14.6#



#12
1,1-Dichloroethene
Concen: 21.116 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 96 Resp: 66870
Ion Ratio Lower Upper
96 100
61 179.0 123.0 184.4
98 67.5 48.5 72.7

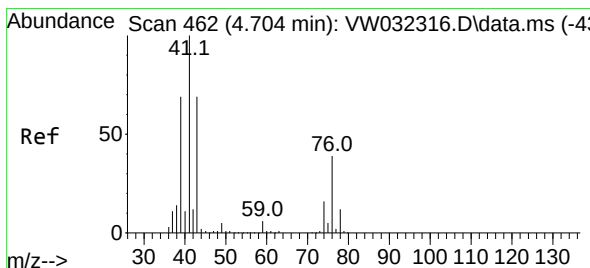
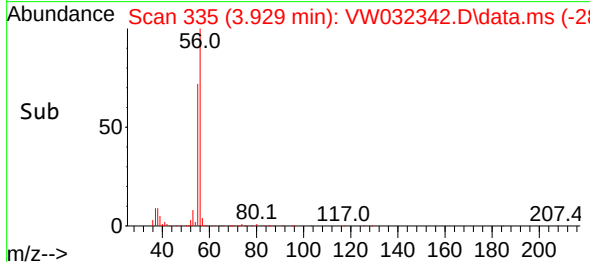
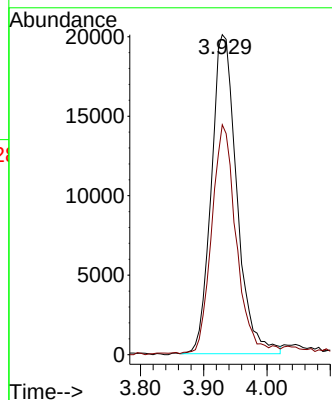
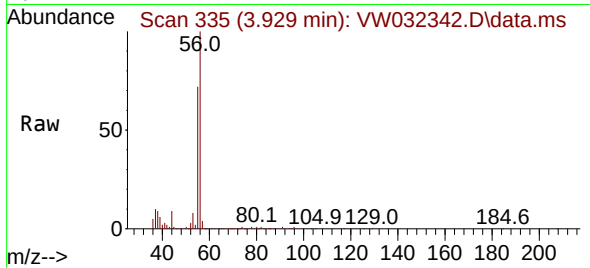




#13
Acrolein
Concen: 111.356 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

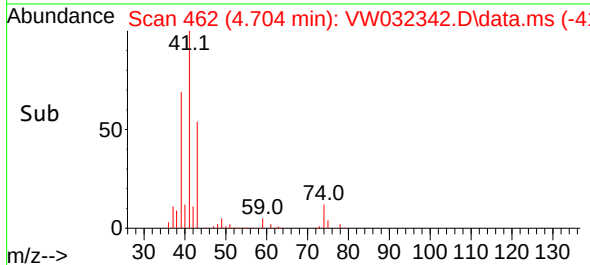
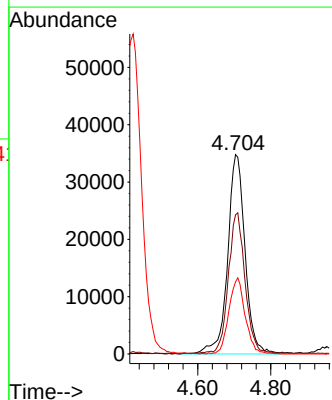
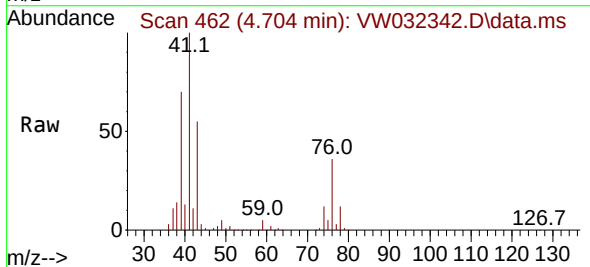
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

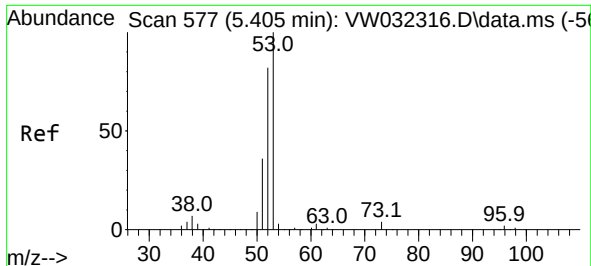
Tgt Ion: 56 Resp: 56064
Ion Ratio Lower Upper
56 100
55 69.2 56.4 84.6



#14
Allyl chloride
Concen: 21.565 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 41 Resp: 115345
Ion Ratio Lower Upper
41 100
39 67.7 64.1 96.1
76 35.8 31.4 47.2

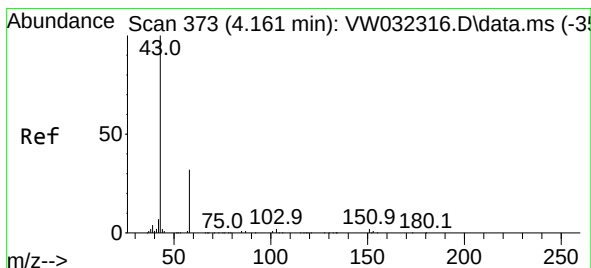
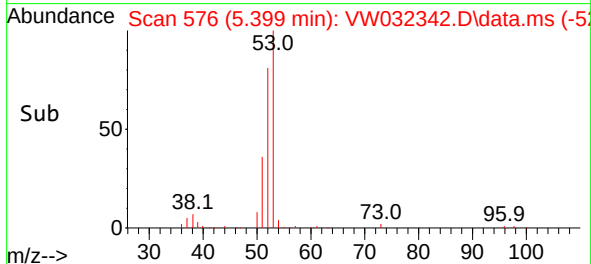
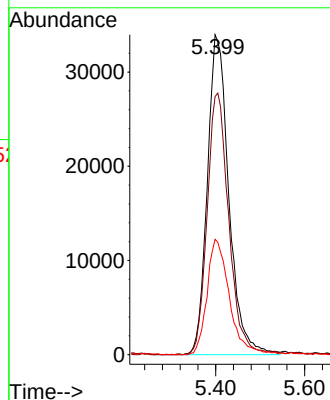
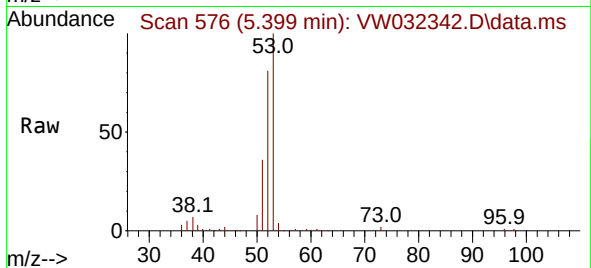




#15
Acrylonitrile
Concen: 104.239 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

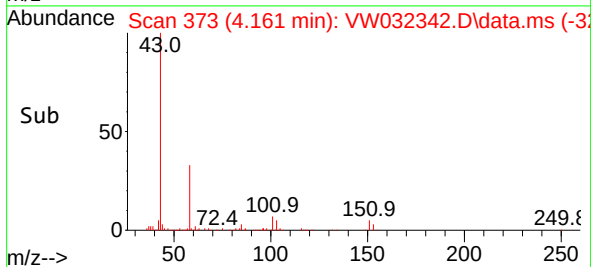
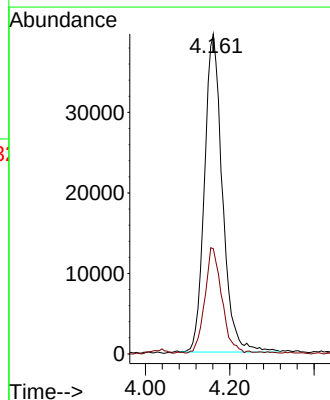
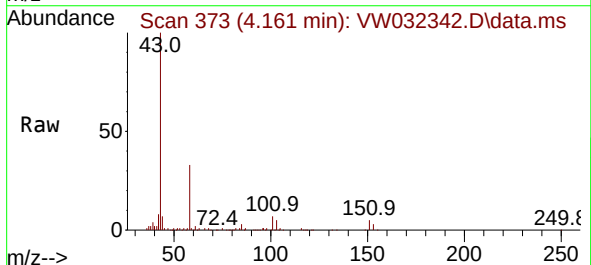
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

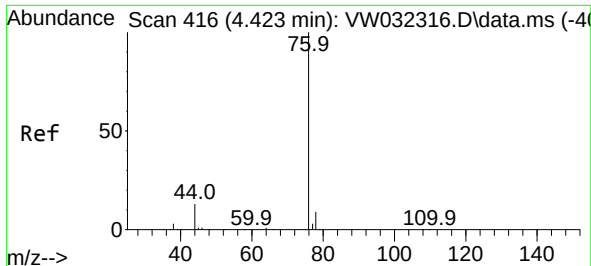
Tgt Ion: 53 Resp: 114281
Ion Ratio Lower Upper
53 100
52 81.8 67.4 101.2
51 37.5 30.3 45.5



#16
Acetone
Concen: 103.127 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 43 Resp: 117029
Ion Ratio Lower Upper
43 100
58 32.8 25.3 37.9

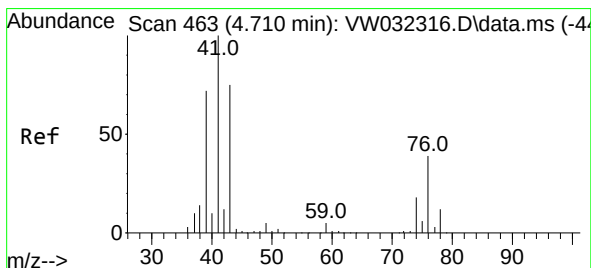
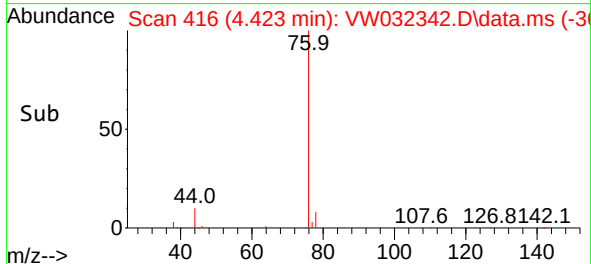
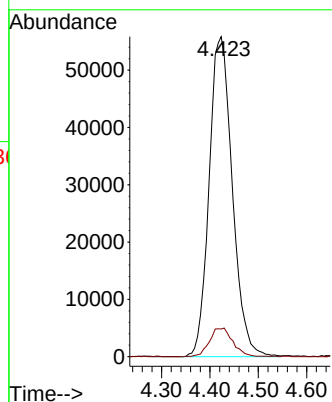
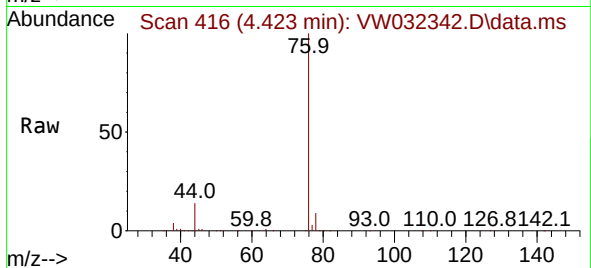




#17
Carbon Disulfide
Concen: 21.545 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

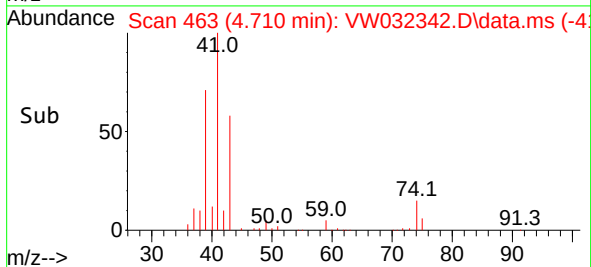
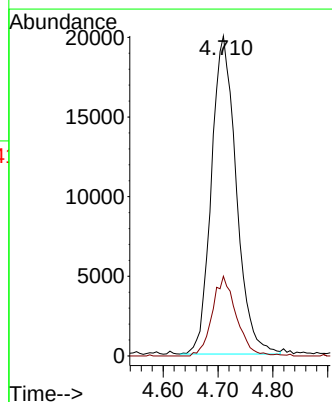
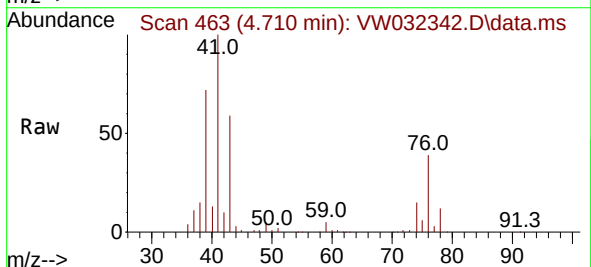
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

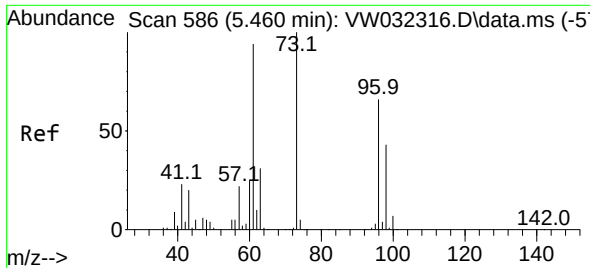
Tgt Ion: 76 Resp: 186164
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 19.350 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 43 Resp: 62903
Ion Ratio Lower Upper
43 100
74 24.0 20.2 30.4

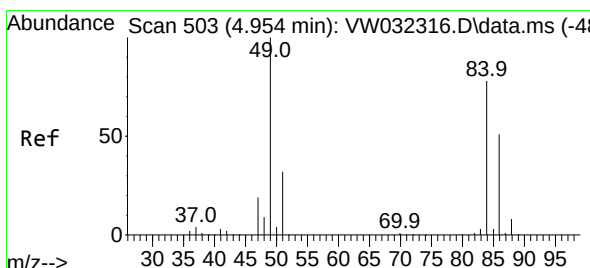
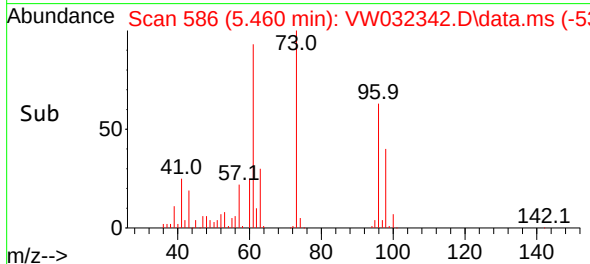
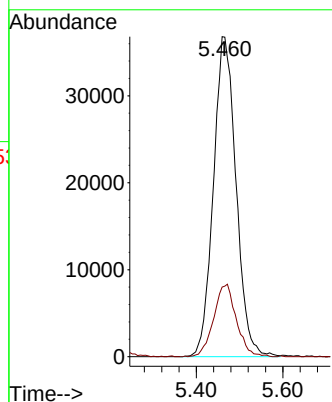
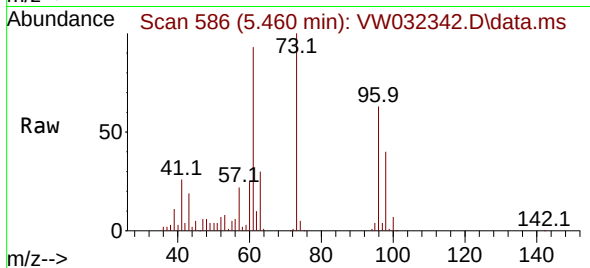




#19
Methyl tert-butyl Ether
Concen: 21.458 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

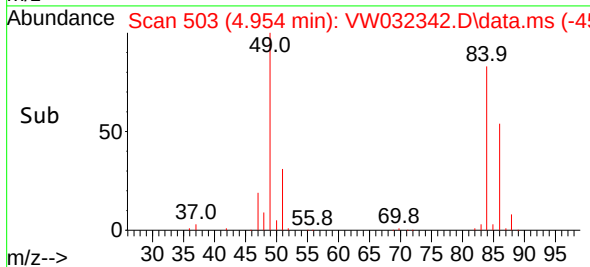
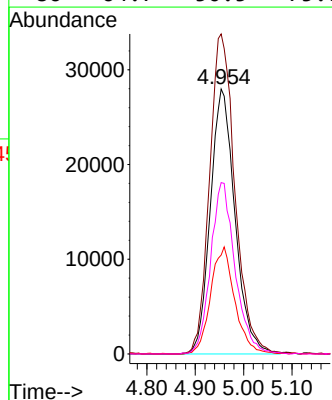
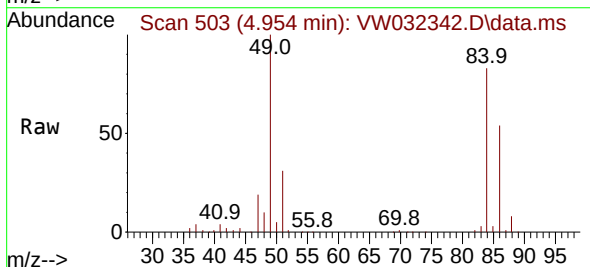
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

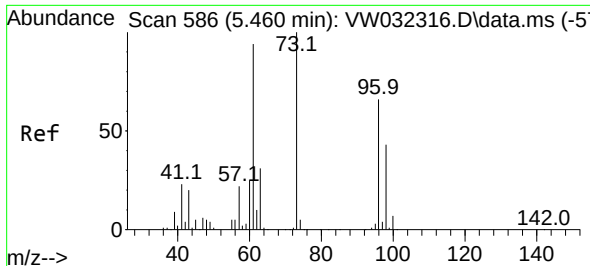
Tgt Ion: 73 Resp: 133841
Ion Ratio Lower Upper
73 100
57 21.7 16.2 24.4



#20
Methylene Chloride
Concen: 23.544 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 84 Resp: 99072
Ion Ratio Lower Upper
84 100
49 120.8 92.2 138.4
51 37.3 31.0 46.6
86 64.7 50.5 75.7

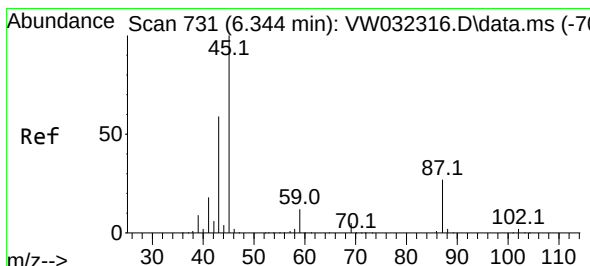
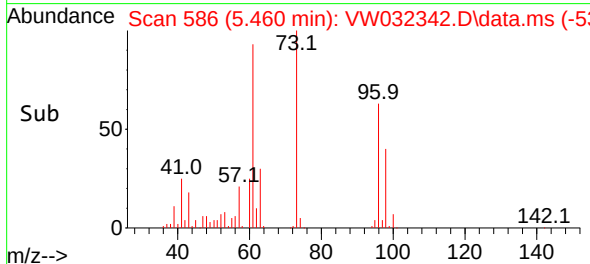
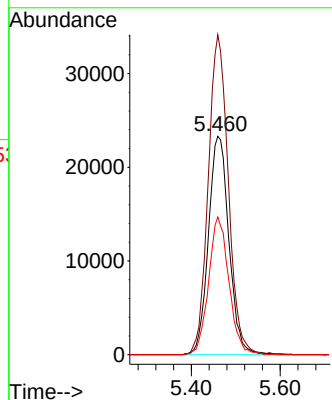
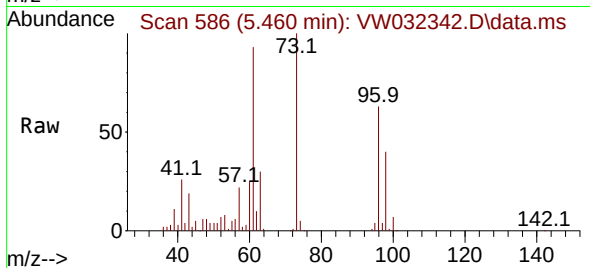




#21
trans-1,2-Dichloroethene
Concen: 21.298 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

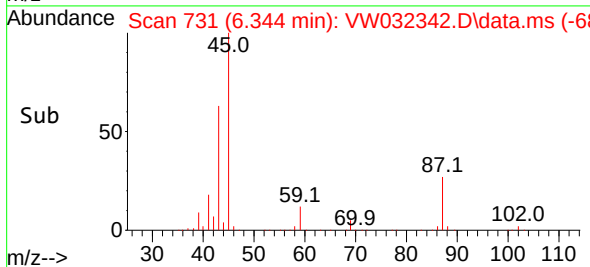
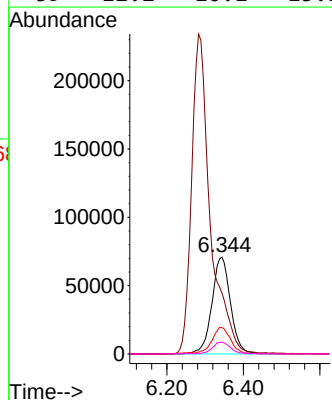
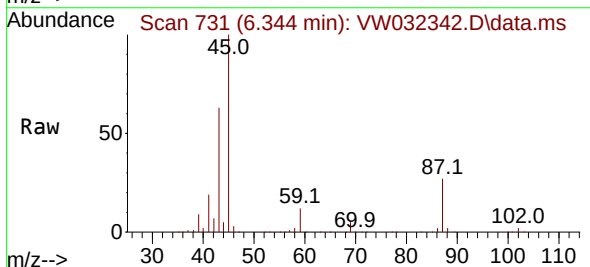
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

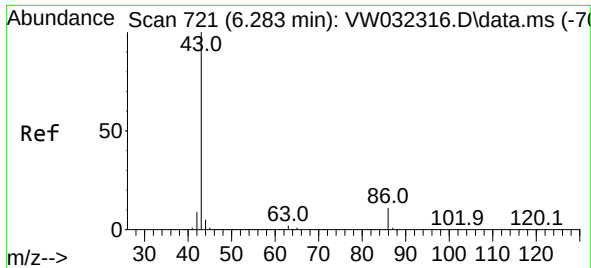
Tgt Ion: 96 Resp: 74671
Ion Ratio Lower Upper
96 100
61 146.5 112.5 168.7
98 63.0 54.2 81.4



#22
Diisopropyl ether
Concen: 21.528 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 45 Resp: 239475
Ion Ratio Lower Upper
45 100
43 61.9 51.4 77.2
87 27.3 25.9 38.9
59 12.2 10.1 15.1

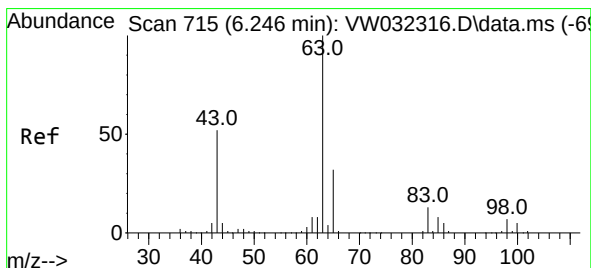
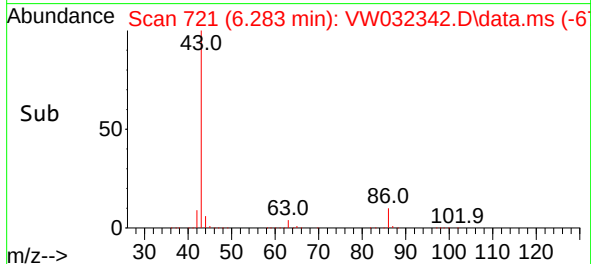
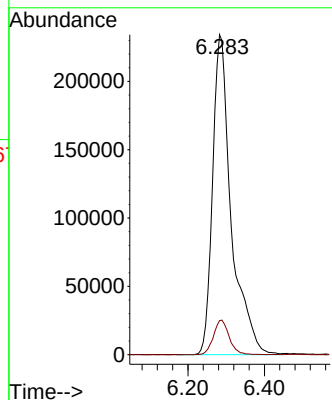
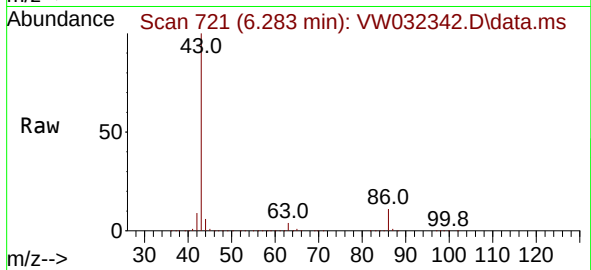




#23
 Vinyl Acetate
 Concen: 106.657 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

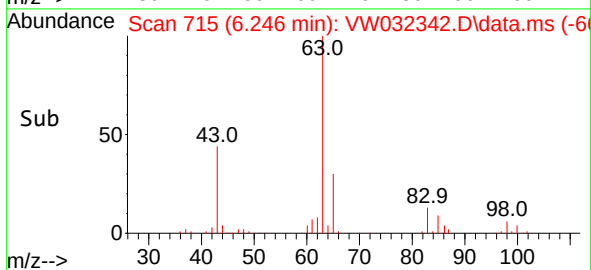
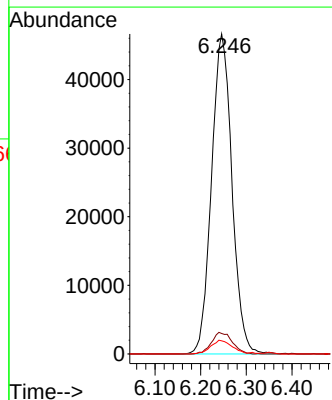
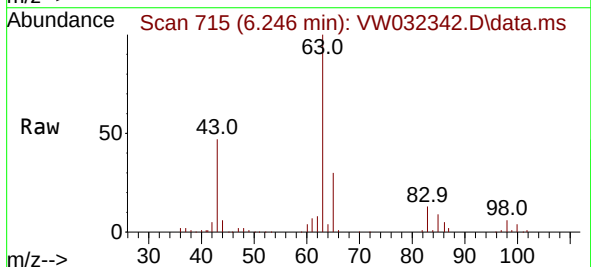
Instrument :
 MSVOA_W
 ClientSampleId :
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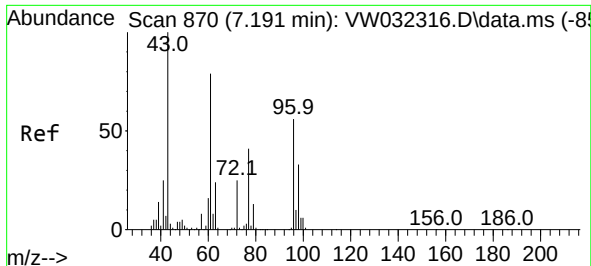
Tgt Ion: 43 Resp: 792465
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.432 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

Tgt Ion: 63 Resp: 144844
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.2
 100 4.1 2.5 7.5

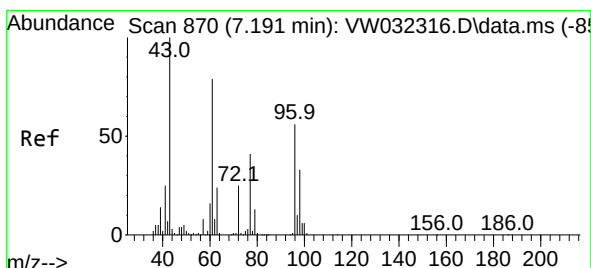
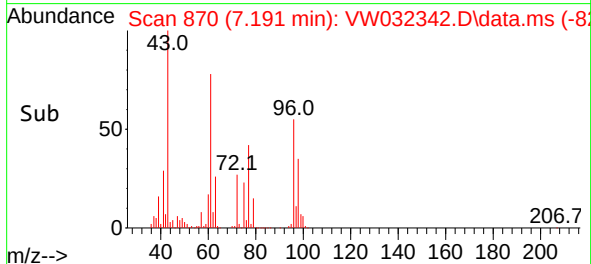
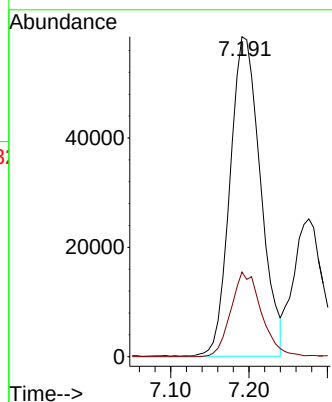
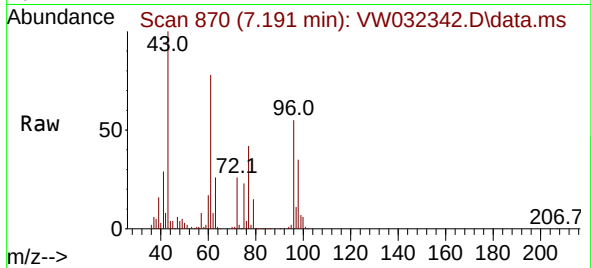




#25
2-Butanone
Concen: 102.307 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

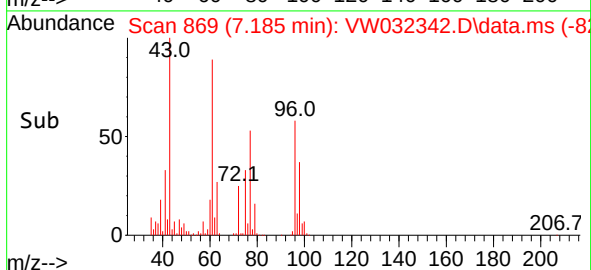
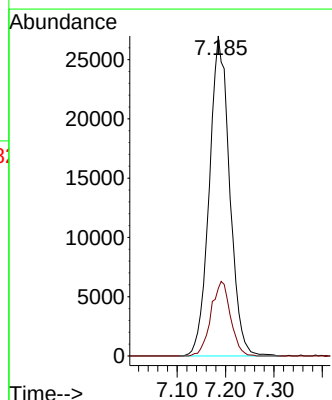
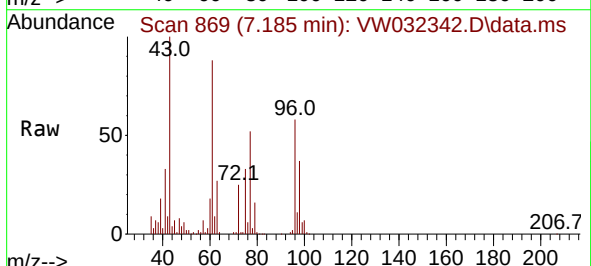
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

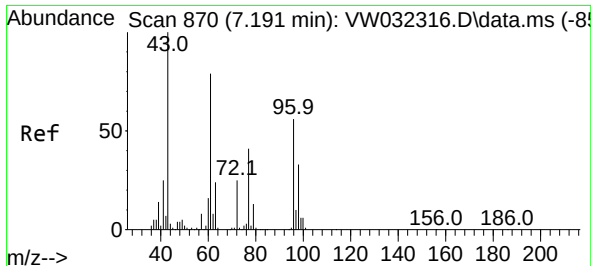
Tgt Ion: 43 Resp: 158120
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 22.804 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 77 Resp: 78833
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.5

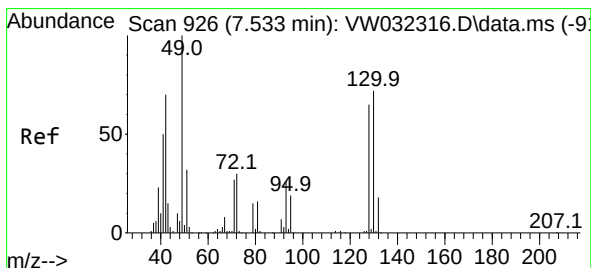
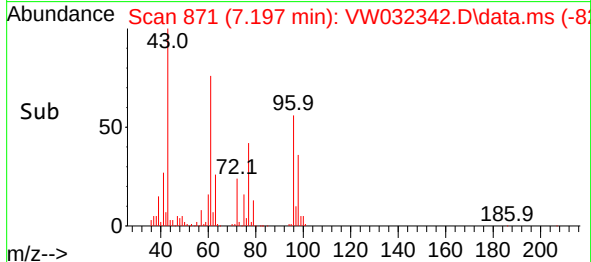
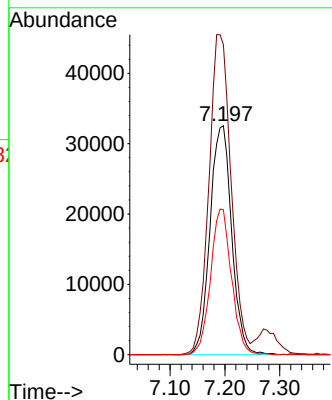
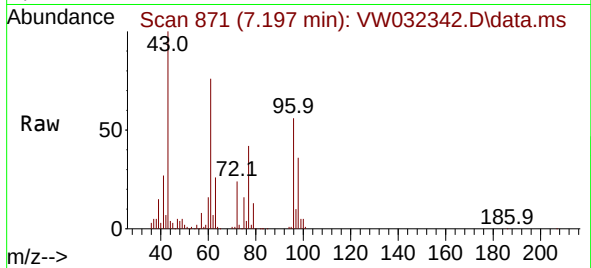




#27
 cis-1,2-Dichloroethene
 Concen: 21.188 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

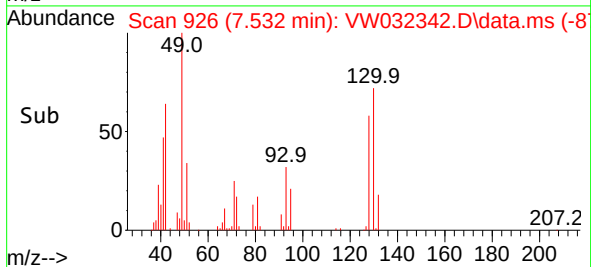
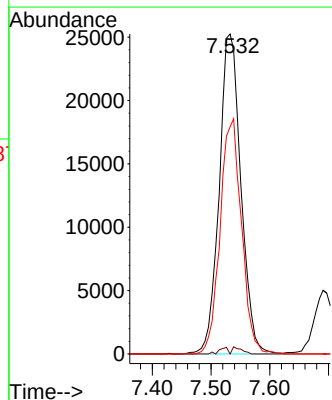
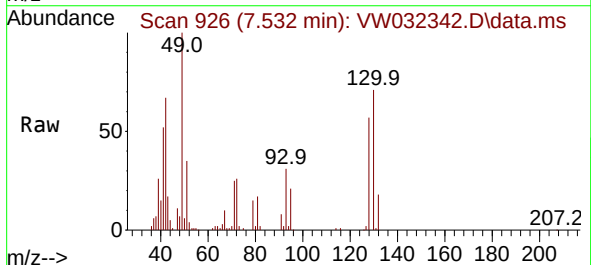
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

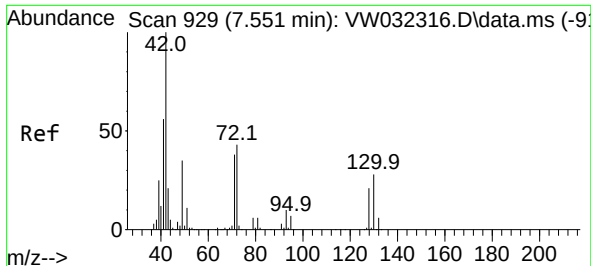
Tgt Ion: 96 Resp: 89243
 Ion Ratio Lower Upper
 96 100
 61 143.4 0.0 268.0
 98 61.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.419 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

Tgt Ion: 49 Resp: 64926
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.2
 130 72.3 67.5 101.3

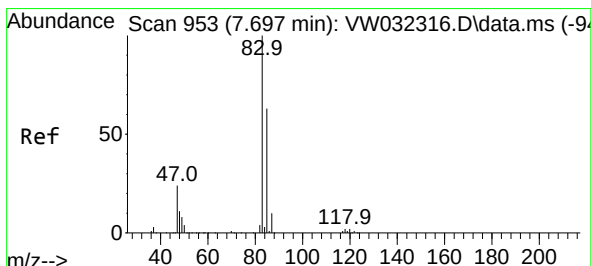
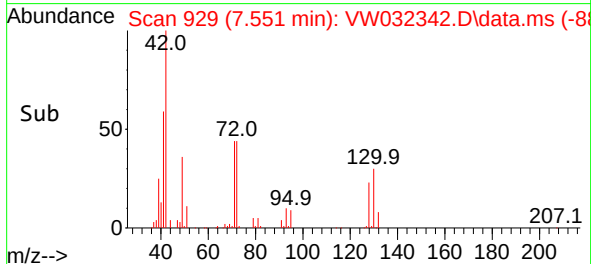
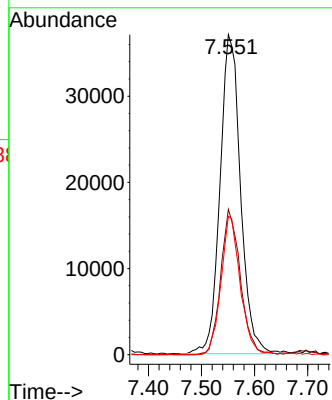
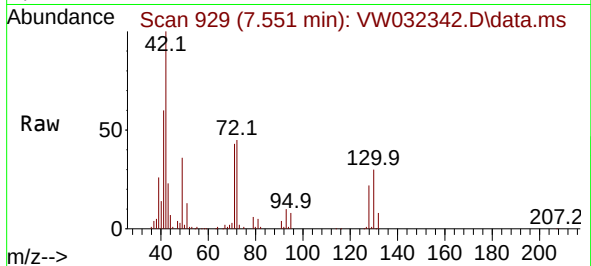




#29
Tetrahydrofuran
Concen: 102.544 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

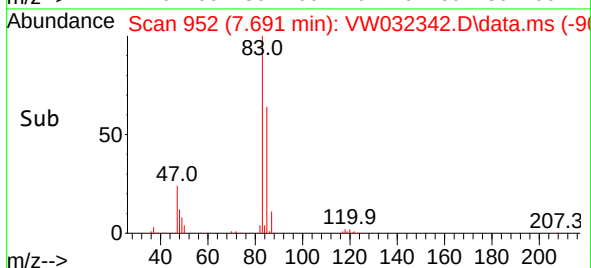
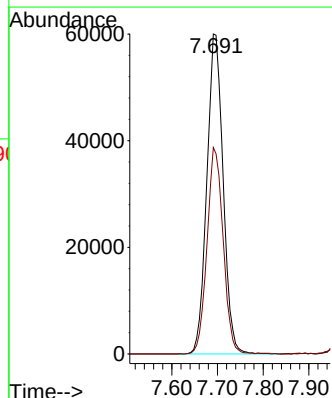
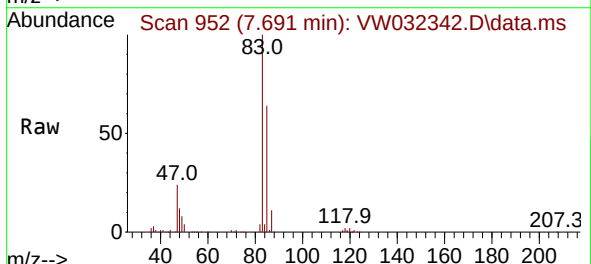
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

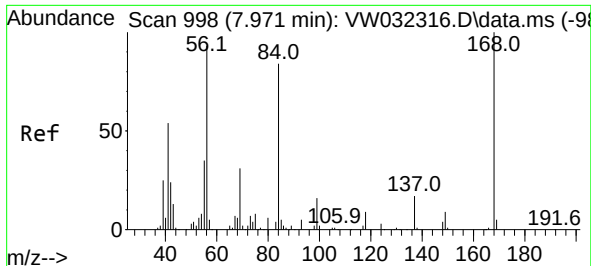
Tgt Ion: 42 Resp: 99667
Ion Ratio Lower Upper
42 100
72 43.6 37.4 56.2
71 40.6 36.0 54.0



#30
Chloroform
Concen: 21.676 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 83 Resp: 148565
Ion Ratio Lower Upper
83 100
85 64.5 51.2 76.8

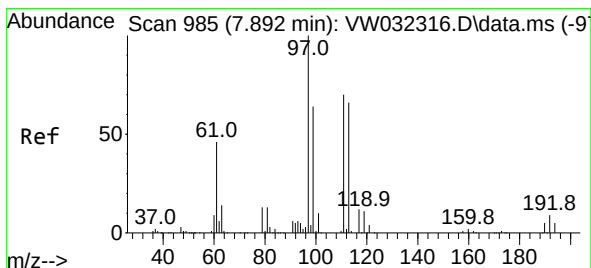
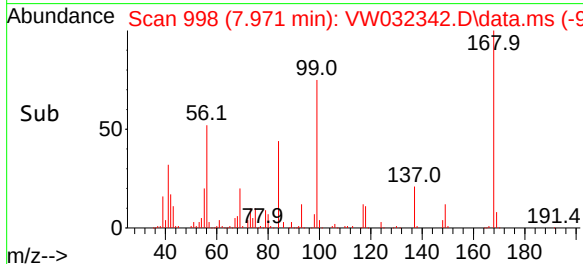
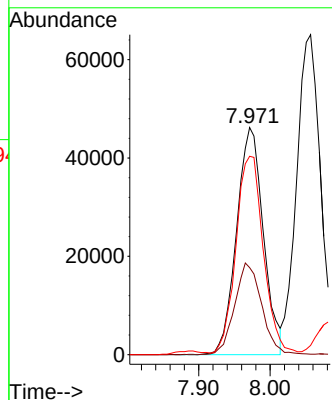
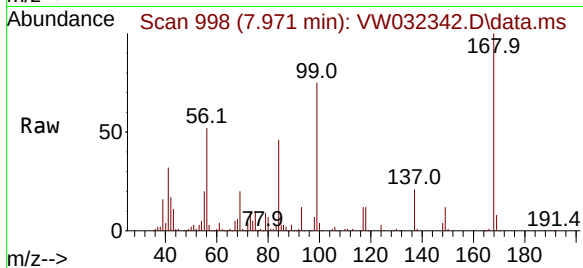




#31
Cyclohexane
Concen: 20.831 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

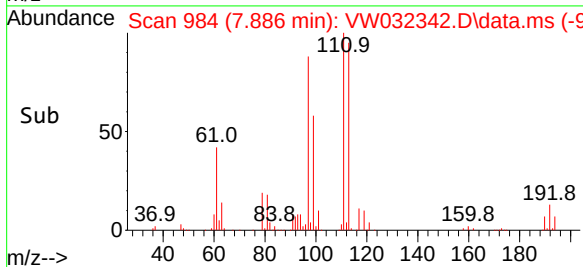
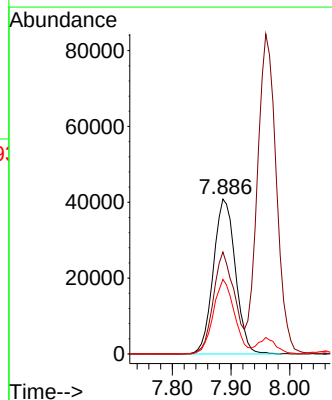
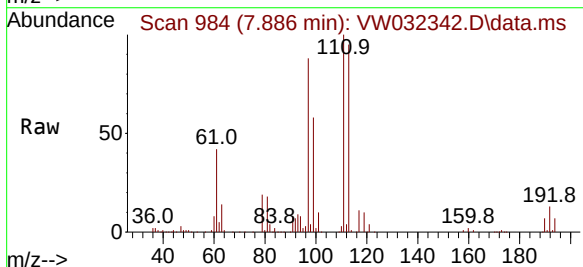
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

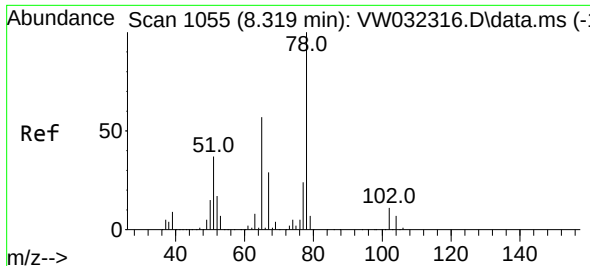
Tgt Ion: 56 Resp: 120184
Ion Ratio Lower Upper
56 100
69 38.3 27.7 41.5
84 86.0 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 21.919 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 97 Resp: 106459
Ion Ratio Lower Upper
97 100
99 63.2 50.9 76.3
61 46.3 36.2 54.4

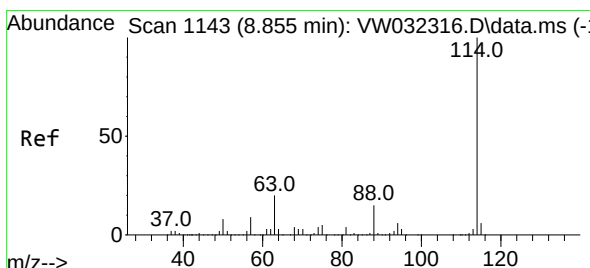
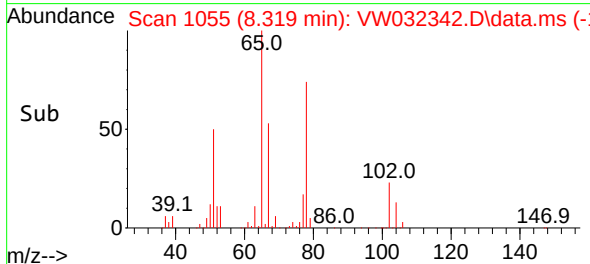
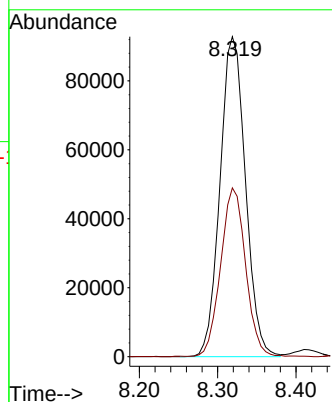
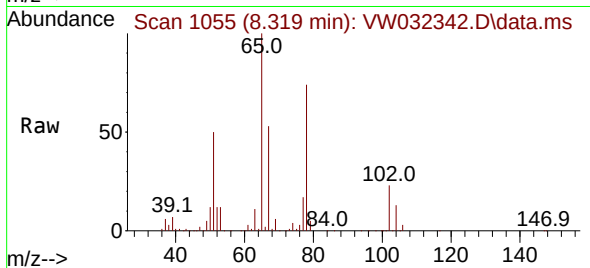




#33
 1,2-Dichloroethane-d4
 Concen: 51.191 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

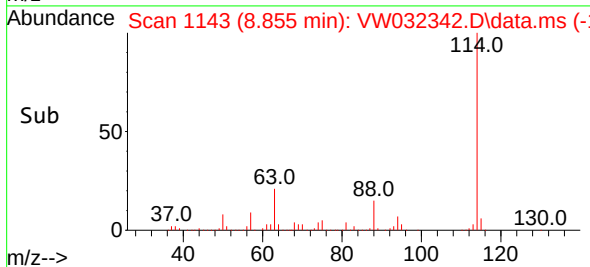
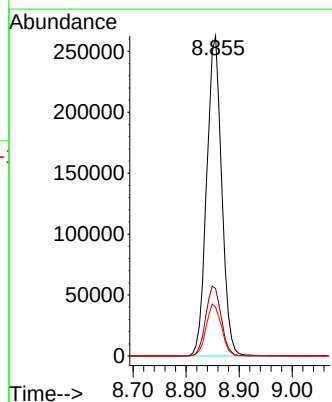
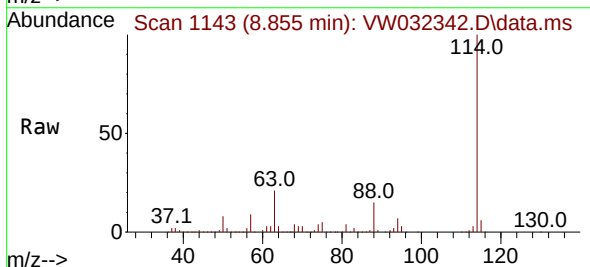
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

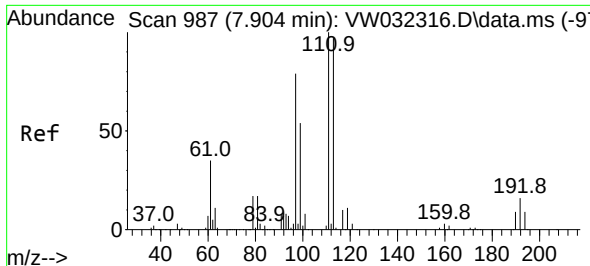
Tgt Ion: 65 Resp: 209797
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

Tgt Ion: 114 Resp: 514655
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.4
 88 15.3 0.0 32.0

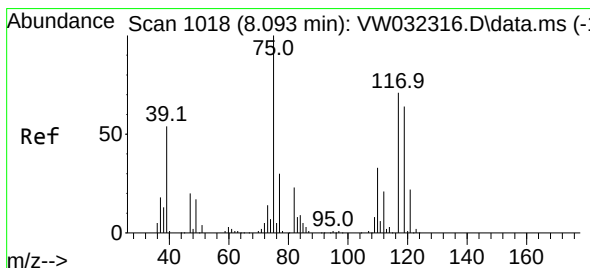
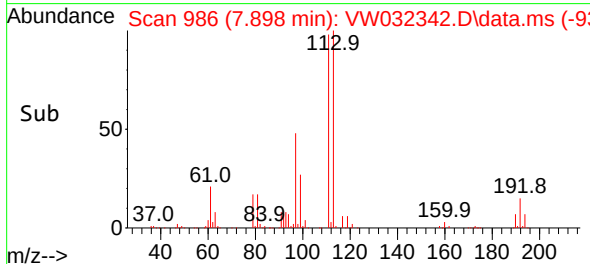
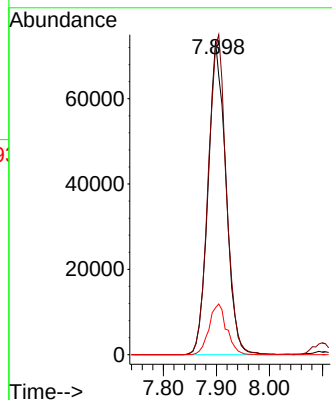
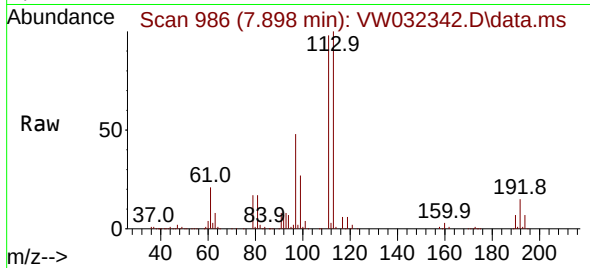




#35
Dibromofluoromethane
Concen: 51.274 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

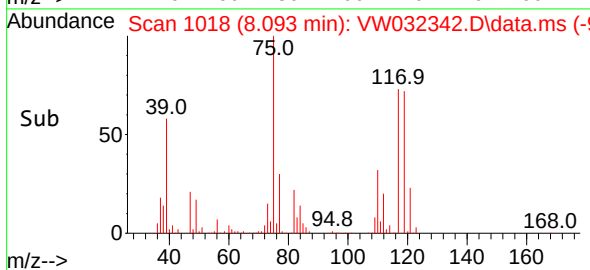
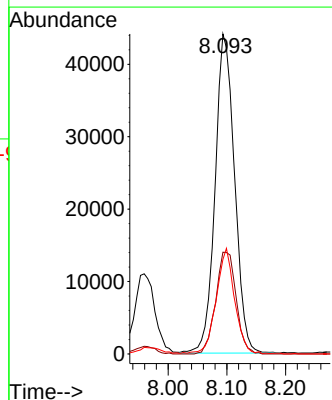
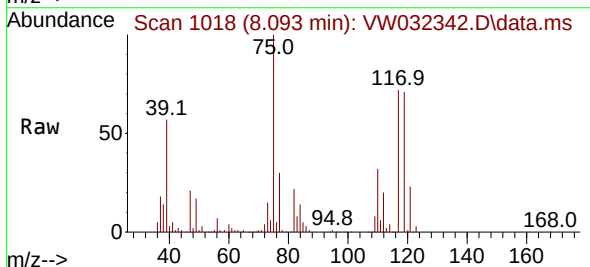
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

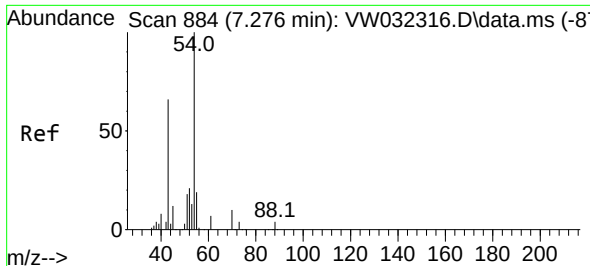
Tgt Ion:113 Resp: 170894
Ion Ratio Lower Upper
113 100
111 103.5 83.9 125.9
192 16.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 21.640 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 75 Resp: 101791
Ion Ratio Lower Upper
75 100
110 33.3 17.5 52.5
77 31.1 24.1 36.1

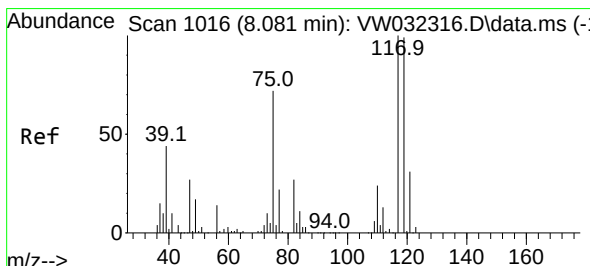
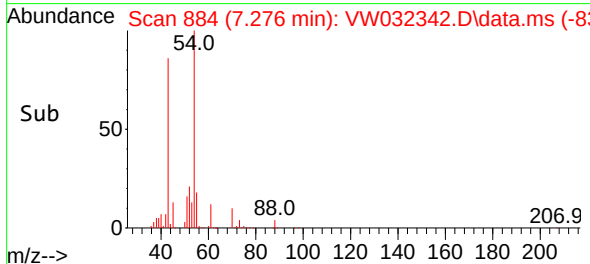
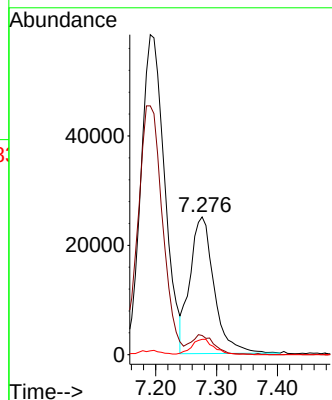
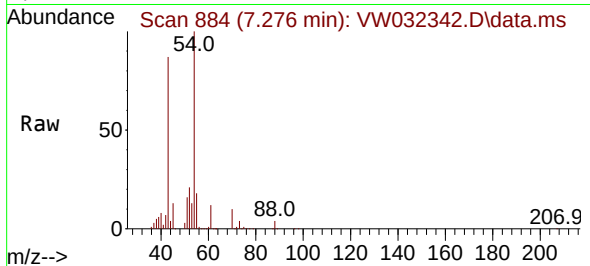




#37
Ethyl Acetate
Concen: 21.914 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

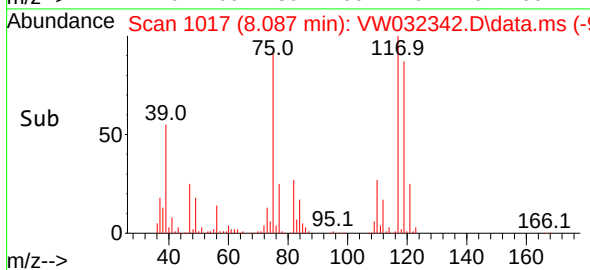
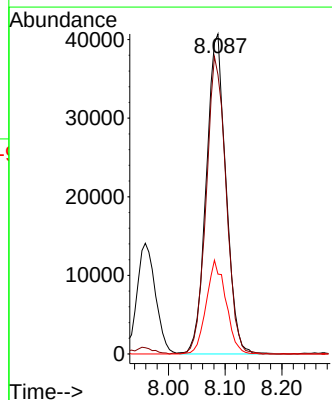
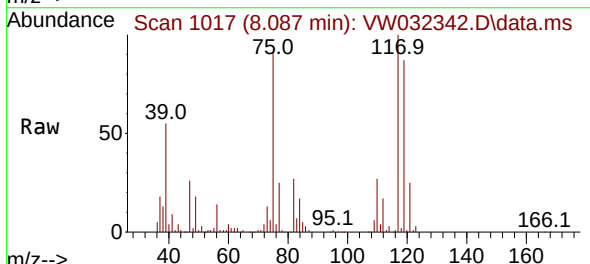
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

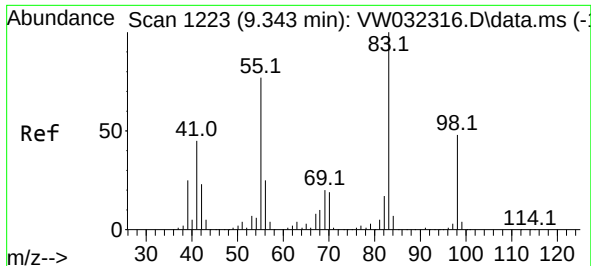
Tgt Ion: 43 Resp: 68609
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 9.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 22.151 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 117 Resp: 98049
Ion Ratio Lower Upper
117 100
119 87.2 74.2 111.2
121 24.9 25.6 38.4#





#39

Methylcyclohexane

Concen: 21.070 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

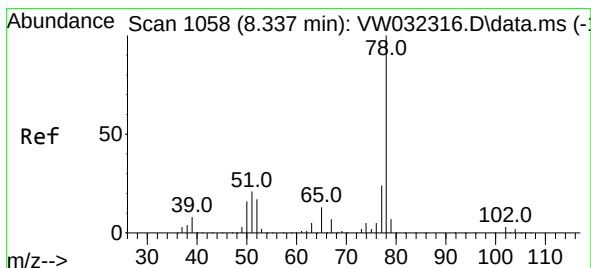
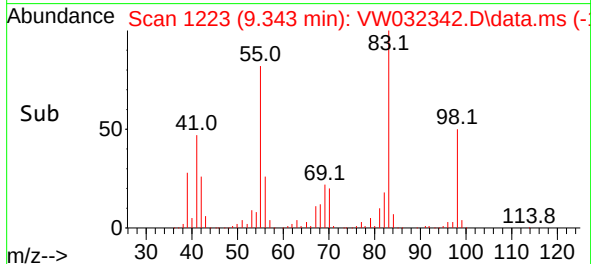
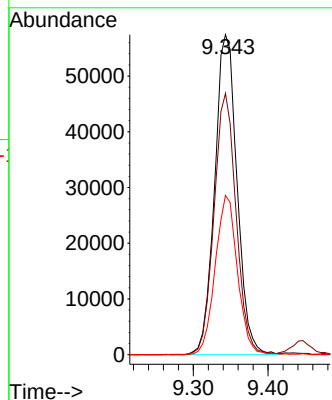
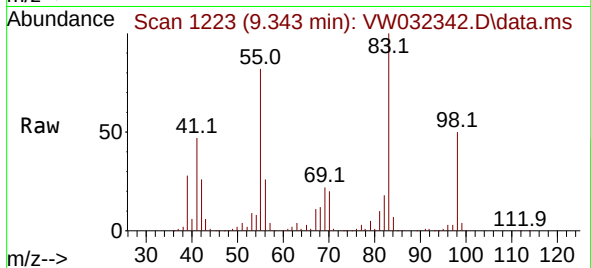
Tgt Ion: 83 Resp: 119548

Ion Ratio Lower Upper

83 100

55 81.6 58.4 87.6

98 49.7 39.4 59.2



#40

Benzene

Concen: 21.521 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032342.D

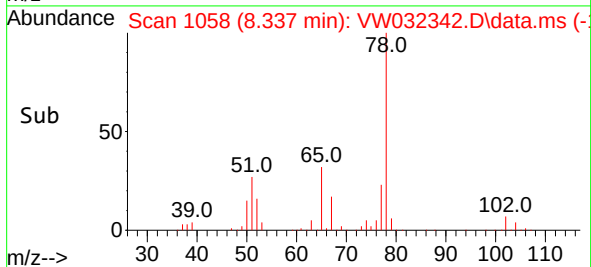
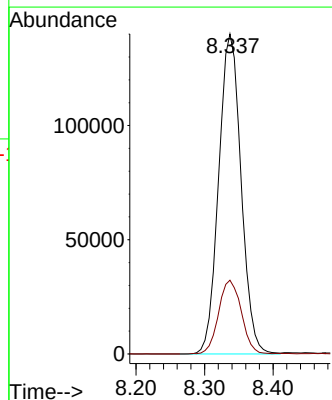
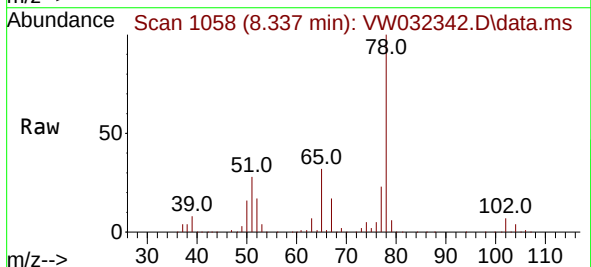
Acq: 03 Oct 2025 10:31

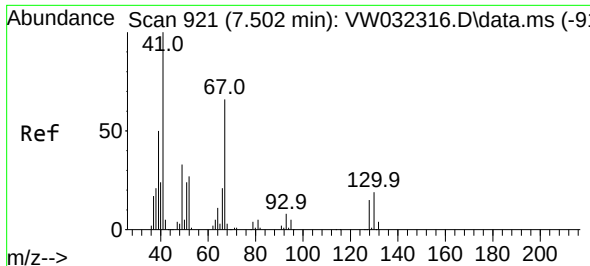
Tgt Ion: 78 Resp: 317296

Ion Ratio Lower Upper

78 100

77 23.1 20.7 31.1

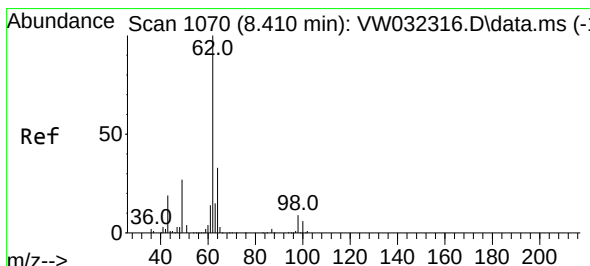
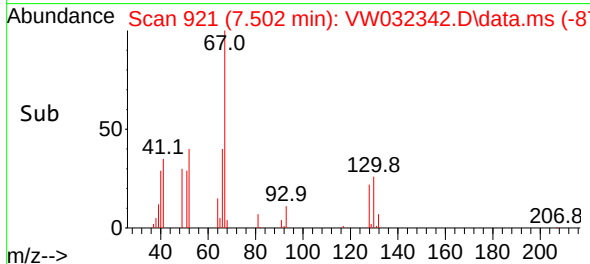
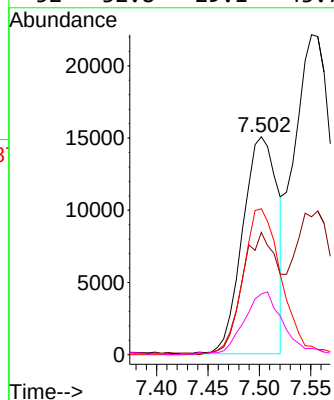
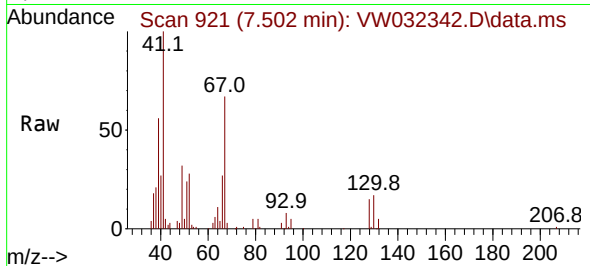




#41
Methacrylonitrile
Concen: 21.038 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

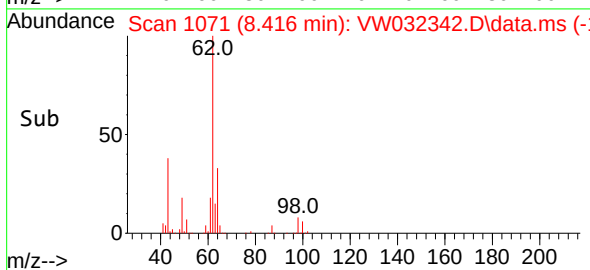
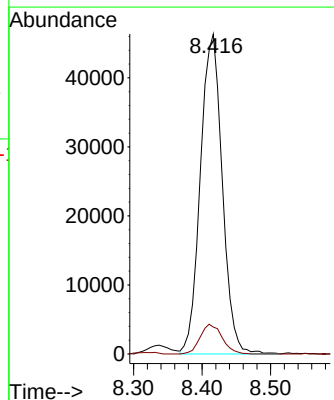
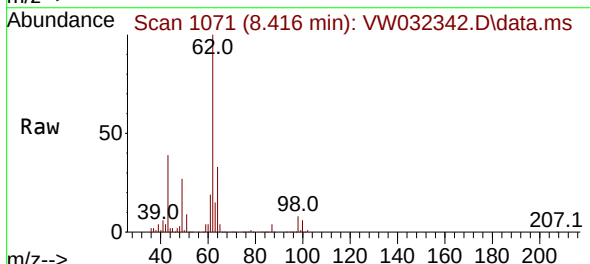
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

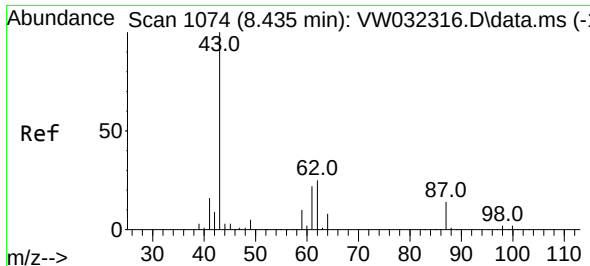
Tgt Ion:	41	Resp:	35498
Ion	Ratio	Lower	Upper
41	100		
39	61.6	50.9	76.3
67	75.3	65.6	98.4
52	32.8	29.1	43.7



#42
1,2-Dichloroethane
Concen: 21.375 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:	62	Resp:	103118
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

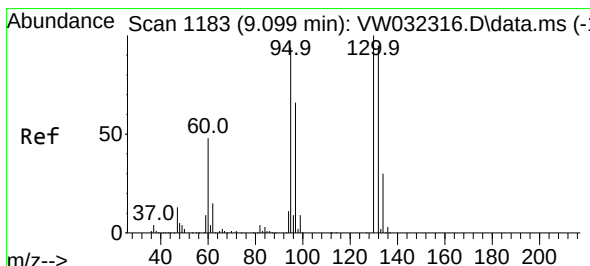
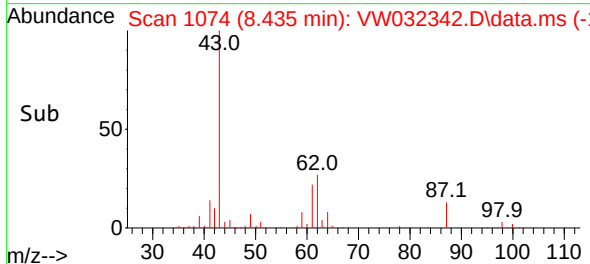
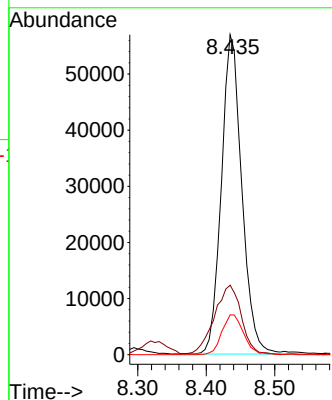
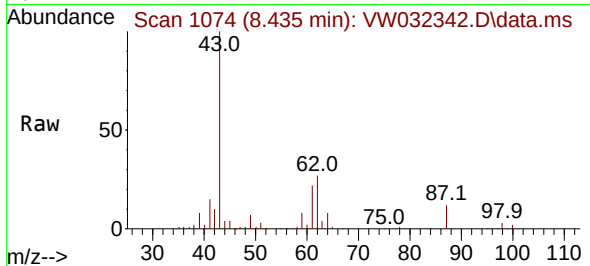




#43
Isopropyl Acetate
Concen: 21.162 ug/l
RT: 8.435 min Scan# 117538
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

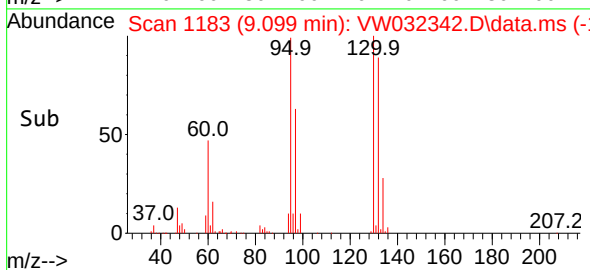
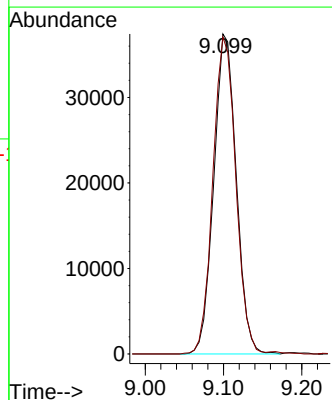
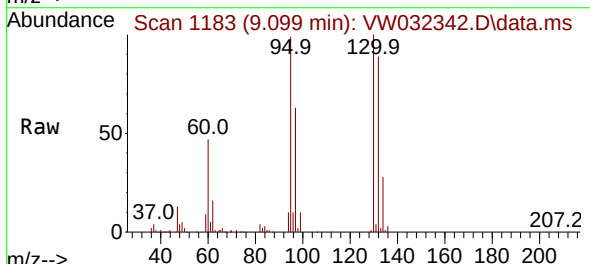
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

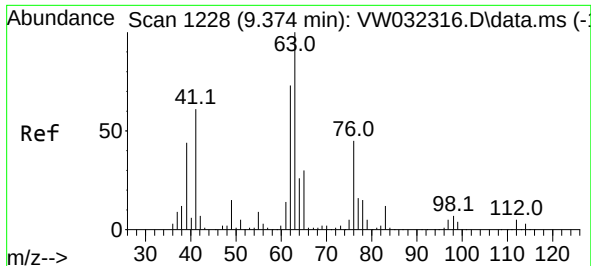
Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.3	34.9
87	13.3	11.1	16.7



#44
Trichloroethene
Concen: 21.655 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	220.0





#45

1,2-Dichloropropane

Concen: 21.198 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

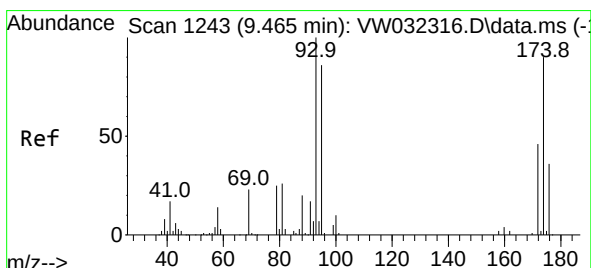
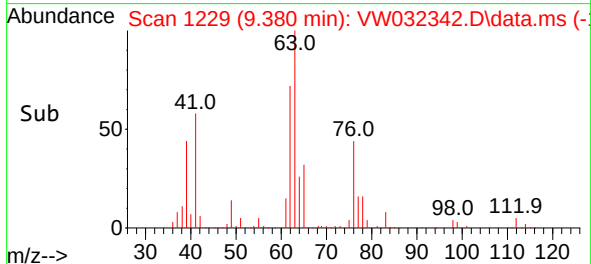
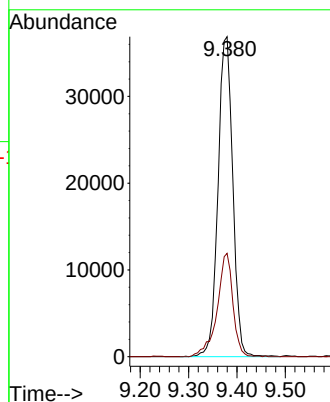
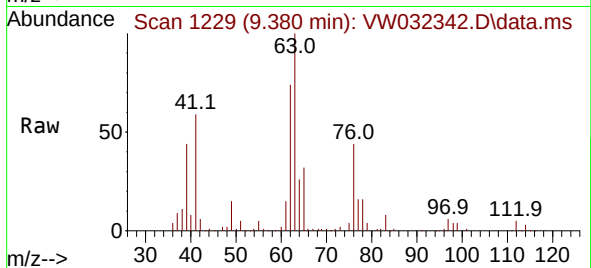
VW1003SBSD01

Tgt Ion: 63 Resp: 78010

Ion Ratio Lower Upper

63 100

65 32.3 24.3 36.5



#46

Dibromomethane

Concen: 21.482 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

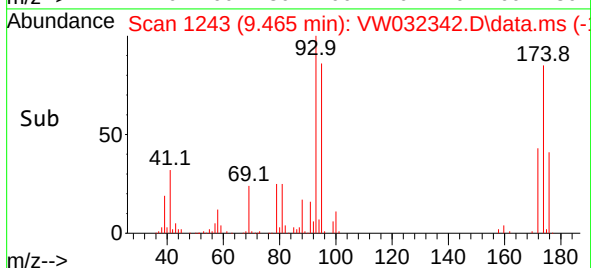
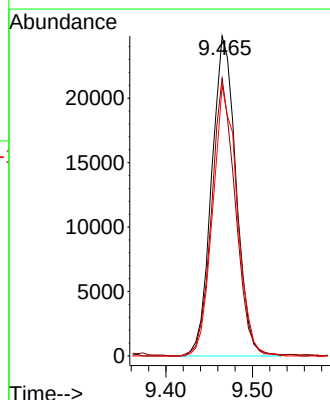
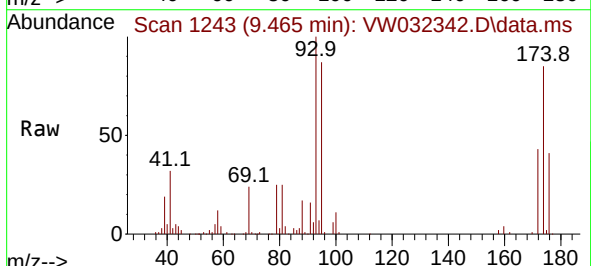
Tgt Ion: 93 Resp: 48612

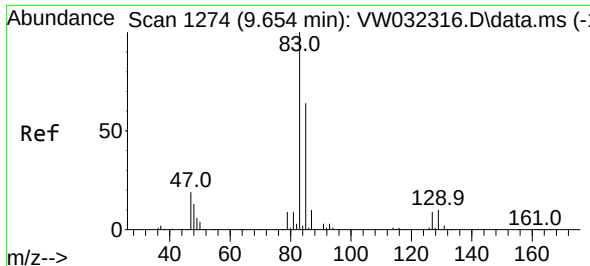
Ion Ratio Lower Upper

93 100

95 84.4 67.4 101.2

174 84.4 75.7 113.5

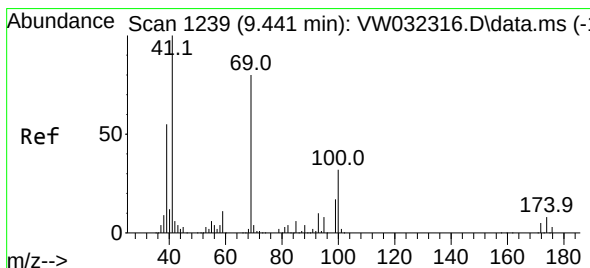
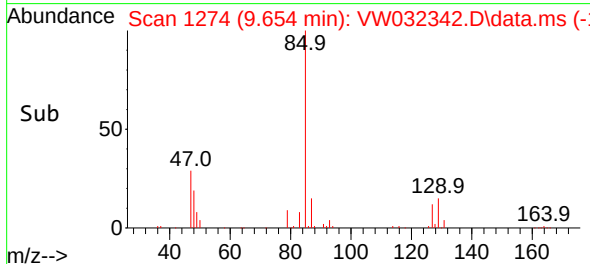
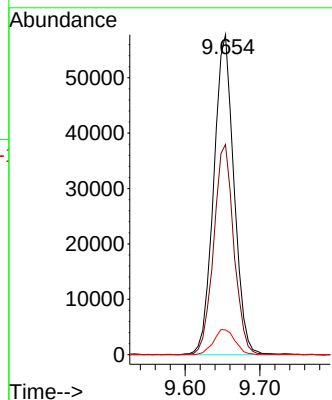
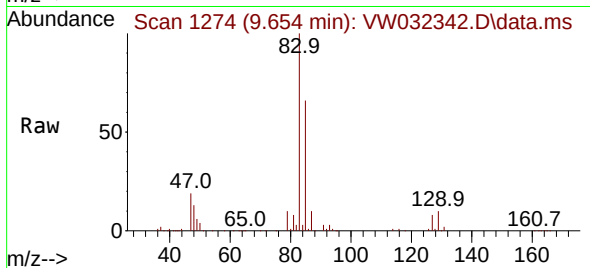




#47
Bromodichloromethane
Concen: 20.945 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

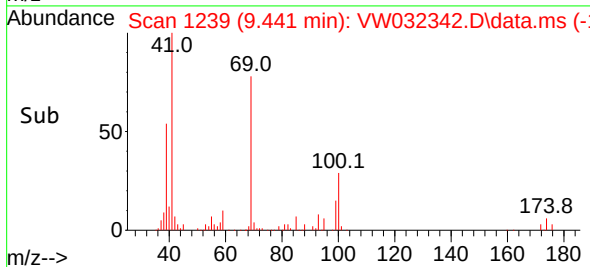
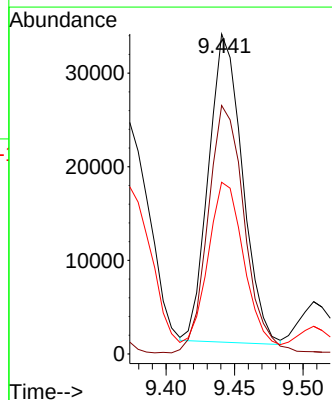
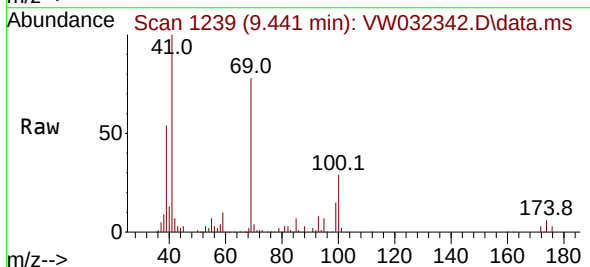
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

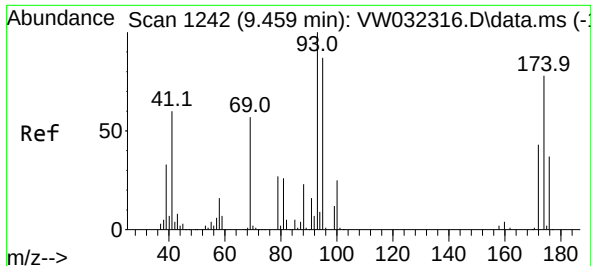
Tgt Ion: 83 Resp: 108411
Ion Ratio Lower Upper
83 100
85 65.7 48.7 73.1
127 7.7 6.4 9.6



#48
Methyl methacrylate
Concen: 20.960 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 41 Resp: 56601
Ion Ratio Lower Upper
41 100
69 87.2 71.5 107.3
39 55.1 55.9 83.9#





#49

1,4-Dioxane

Concen: 398.732 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

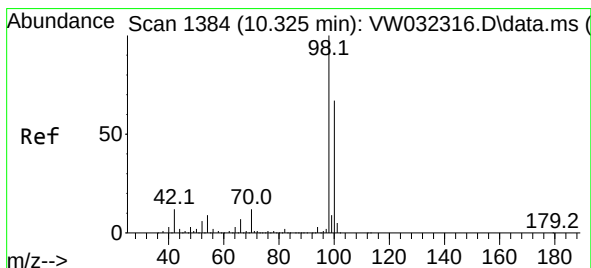
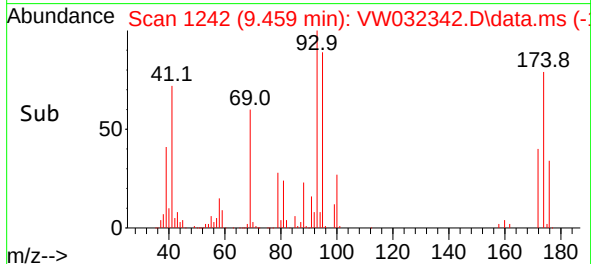
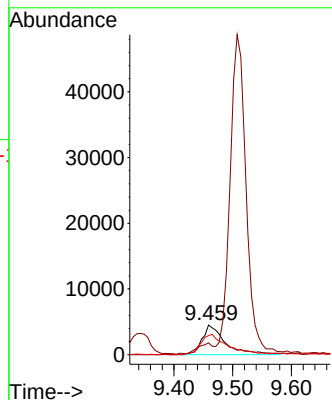
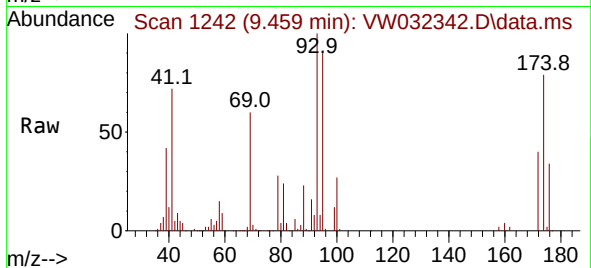
Tgt Ion: 88 Resp: 12333

Ion Ratio Lower Upper

88 100

43 27.3 18.0 27.0#

58 80.5 55.4 83.0



#50

Toluene-d8

Concen: 53.027 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032342.D

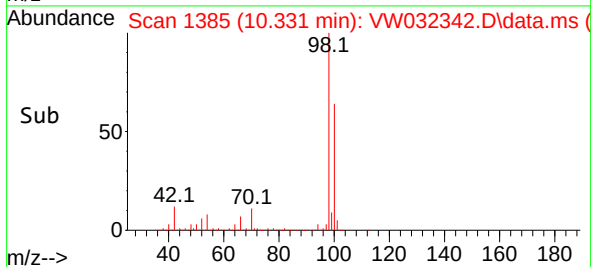
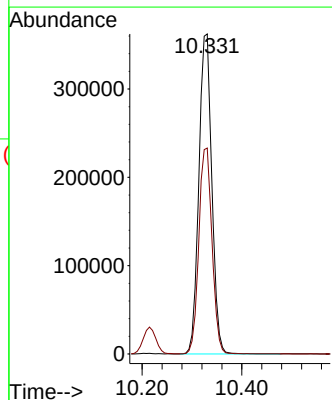
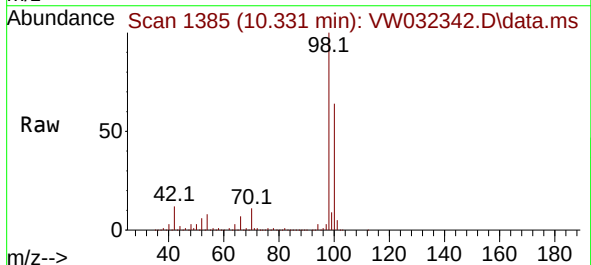
Acq: 03 Oct 2025 10:31

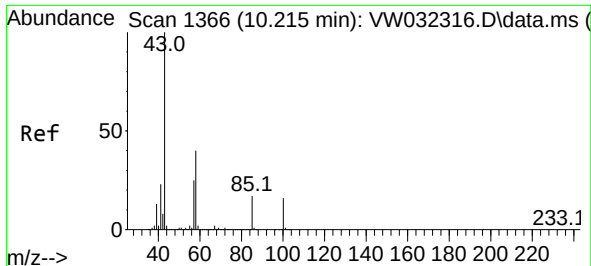
Tgt Ion: 98 Resp: 652301

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2

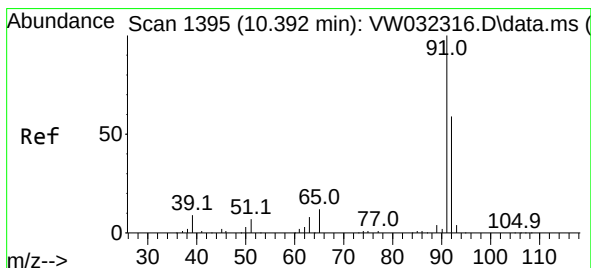
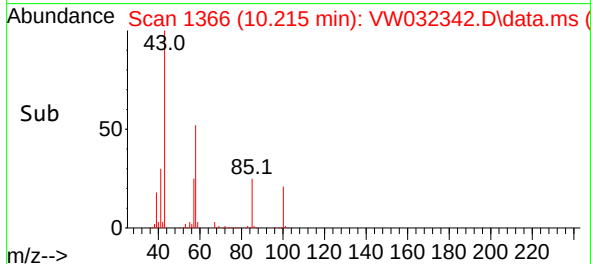
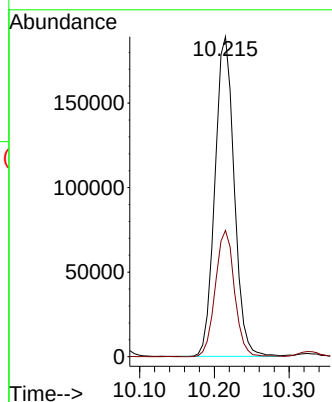
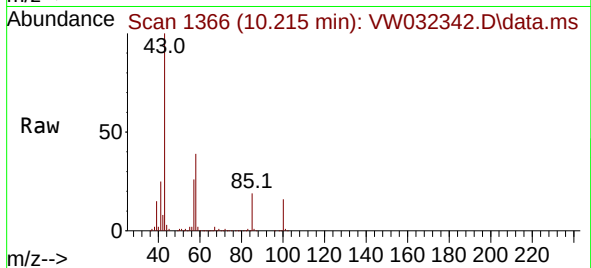




#51
4-Methyl-2-Pentanone
Concen: 105.404 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

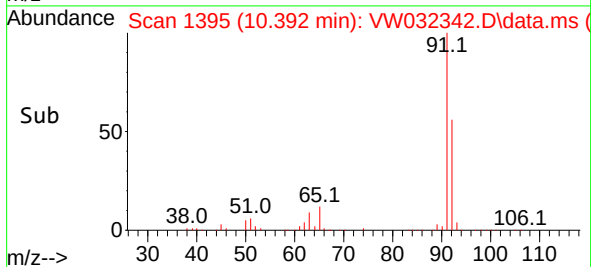
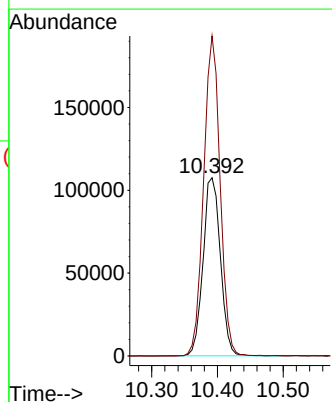
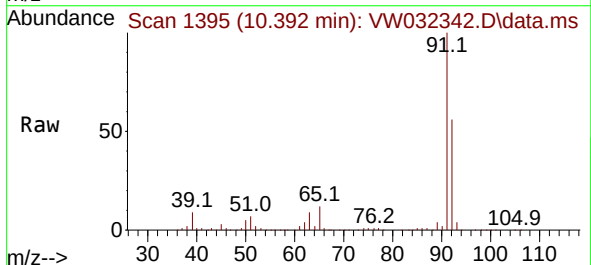
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

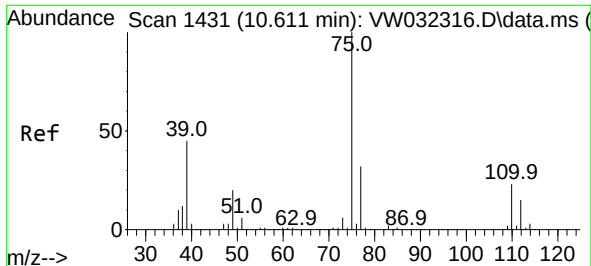
Tgt Ion: 43 Resp: 339081
Ion Ratio Lower Upper
43 100
58 39.4 32.0 48.0



#52
Toluene
Concen: 21.443 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 92 Resp: 196886
Ion Ratio Lower Upper
92 100
91 171.3 137.5 206.3

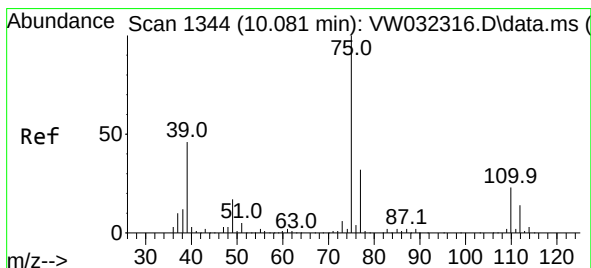
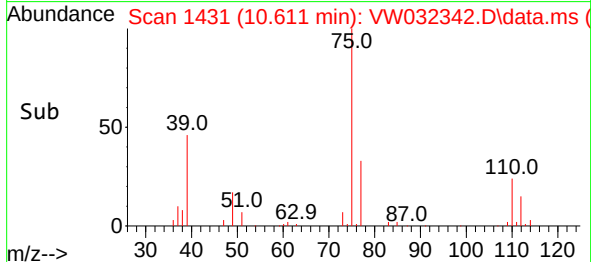
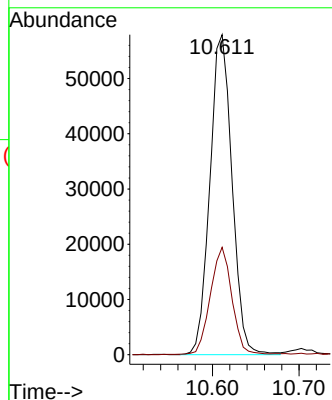
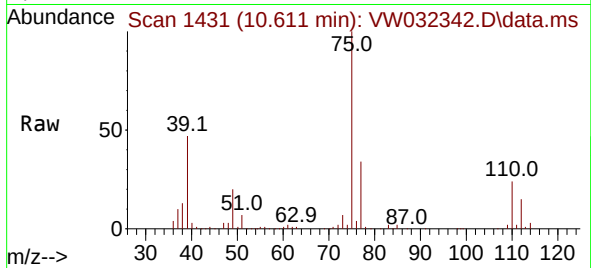




#53
t-1,3-Dichloropropene
Concen: 20.525 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

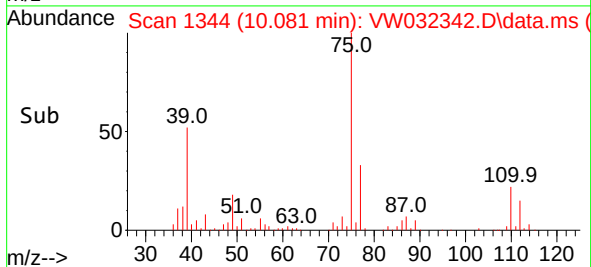
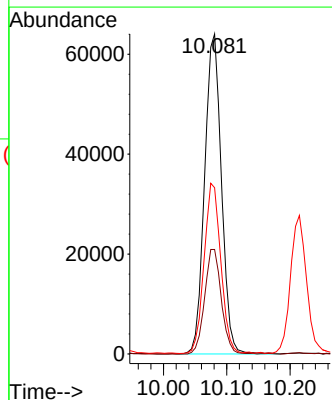
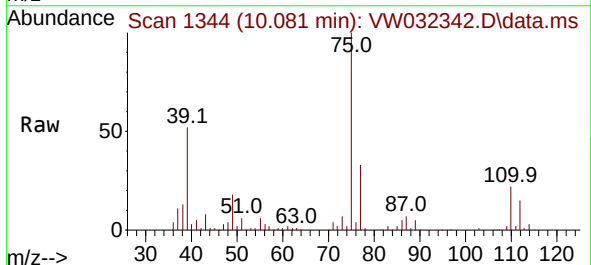
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

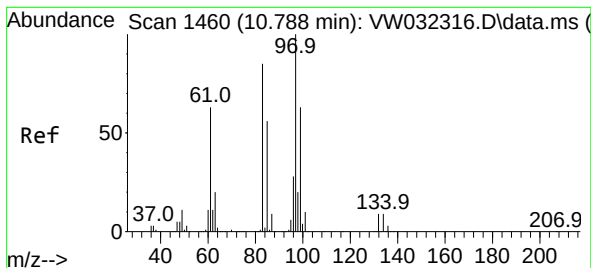
Tgt Ion: 75 Resp: 103065
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.504 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 75 Resp: 118600
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7
39 51.8 43.2 64.8

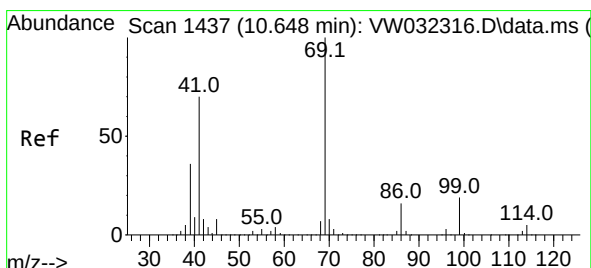
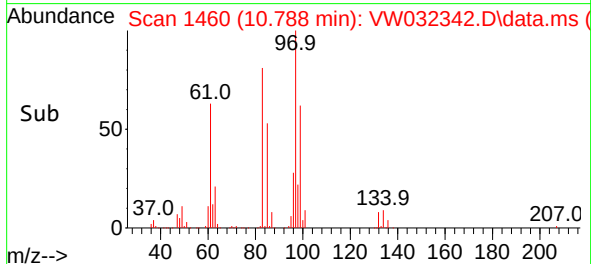
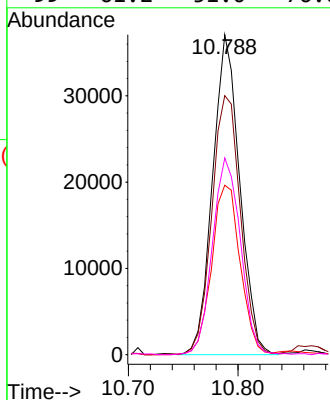
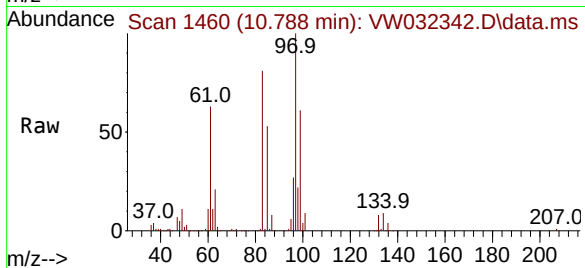




#55
1,1,2-Trichloroethane
Concen: 21.077 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

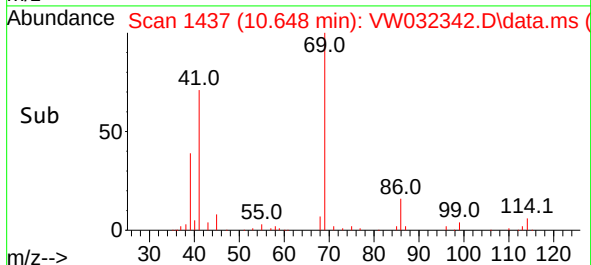
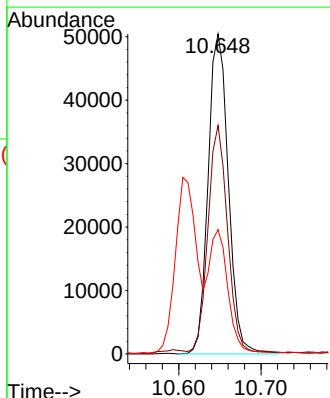
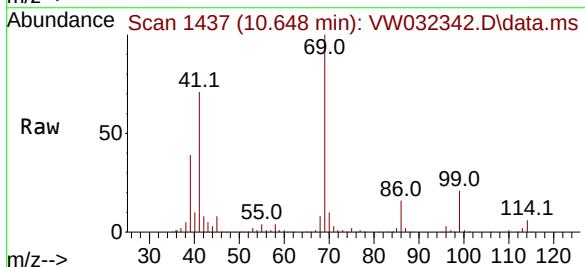
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

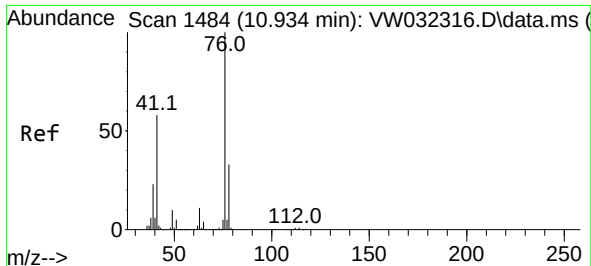
Tgt Ion:	97	Resp:	63746
Ion	Ratio	Lower	Upper
97	100		
83	80.8	71.0	106.6
85	52.8	42.8	64.2
99	61.2	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.385 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:	69	Resp:	86298
Ion	Ratio	Lower	Upper
69	100		
41	67.5	53.2	79.8
39	35.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 21.995 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

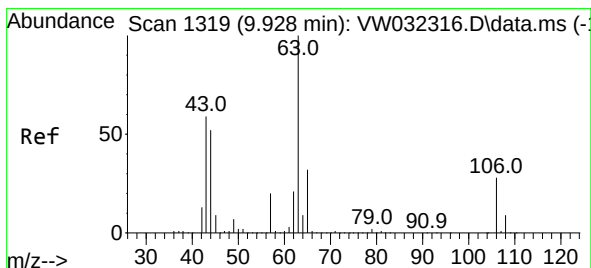
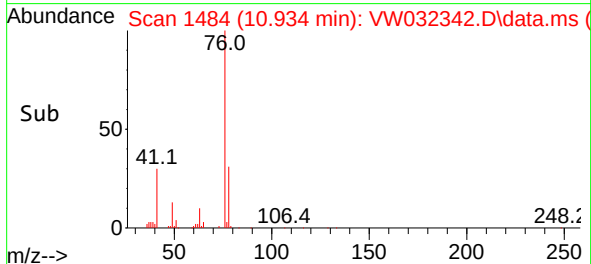
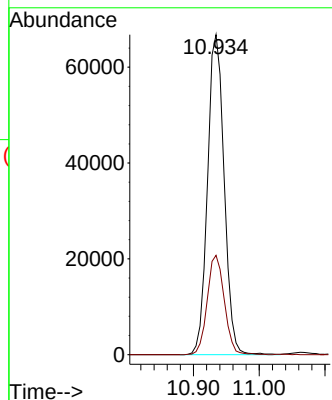
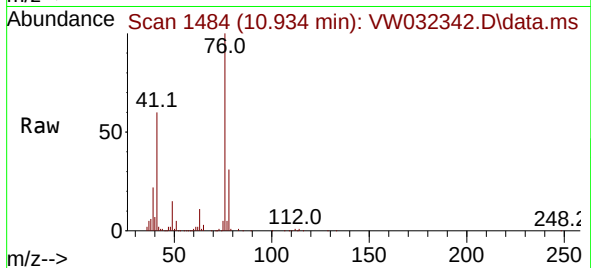
VW1003SBSD01

Tgt Ion: 76 Resp: 117496

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.013 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032342.D

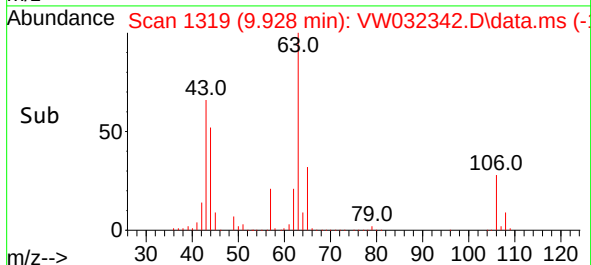
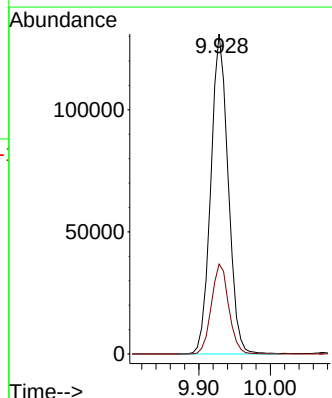
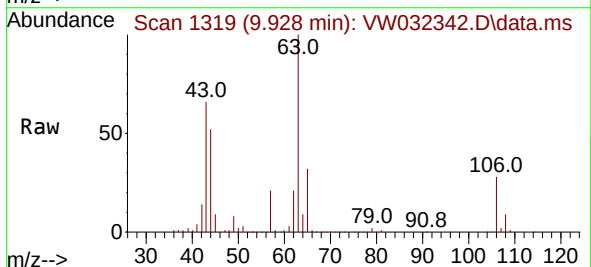
Acq: 03 Oct 2025 10:31

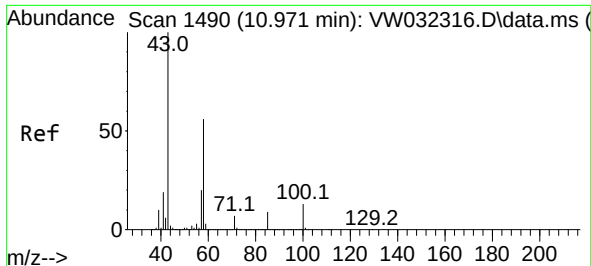
Tgt Ion: 63 Resp: 220821

Ion Ratio Lower Upper

63 100

106 28.0 24.3 36.5

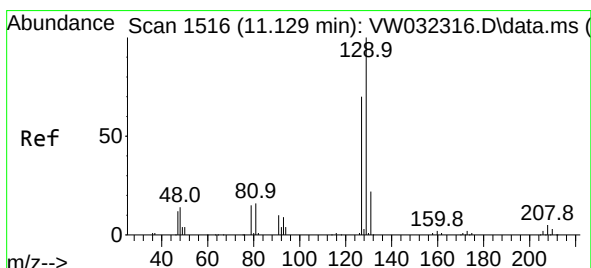
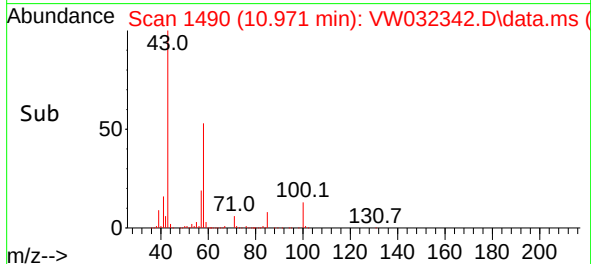
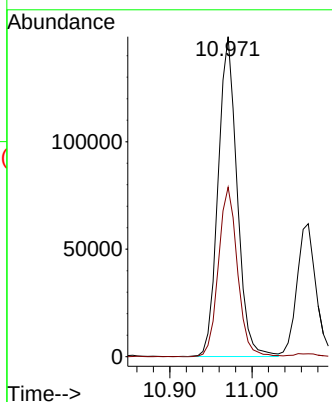
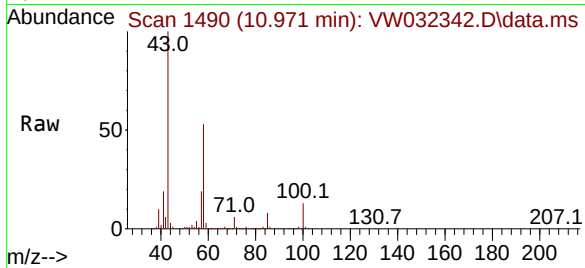




#59
2-Hexanone
Concen: 105.424 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

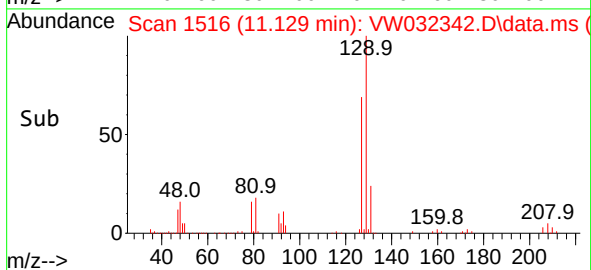
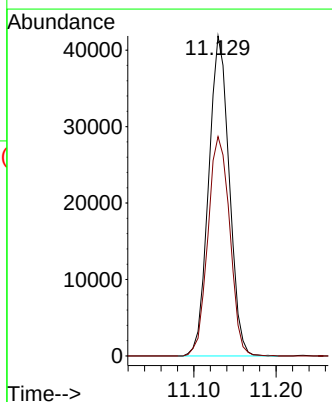
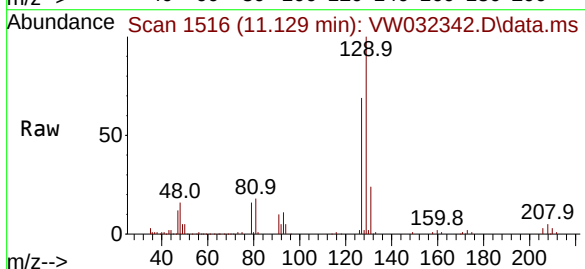
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

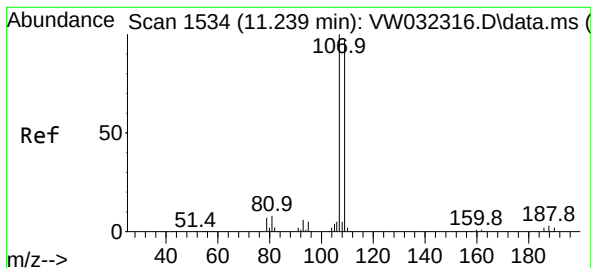
Tgt Ion: 43 Resp: 239195
Ion Ratio Lower Upper
43 100
58 53.1 27.5 82.4



#60
Dibromochloromethane
Concen: 21.212 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:129 Resp: 72848
Ion Ratio Lower Upper
129 100
127 72.7 38.1 114.5

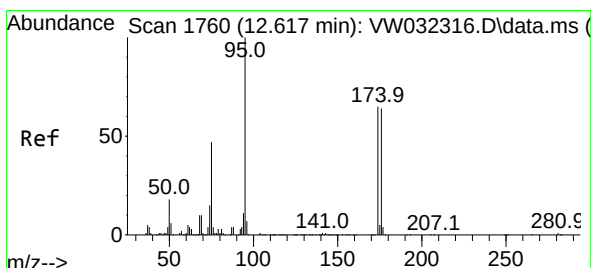
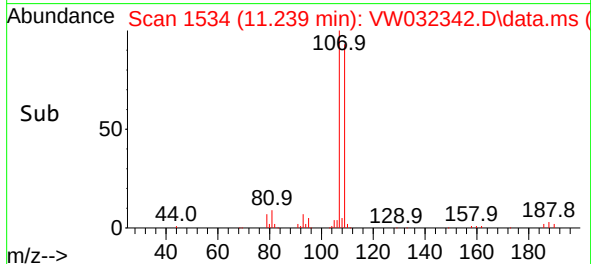
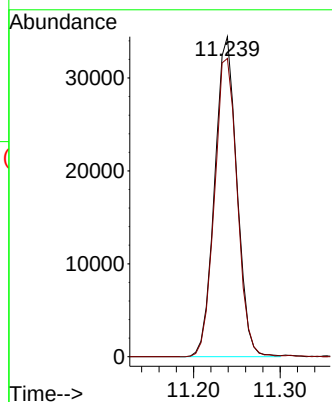
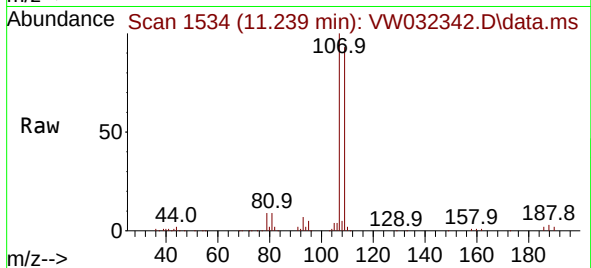




#61
1,2-Dibromoethane
Concen: 20.829 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

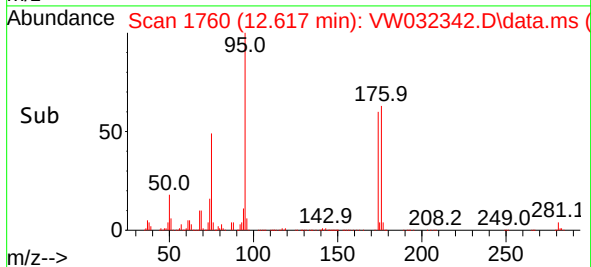
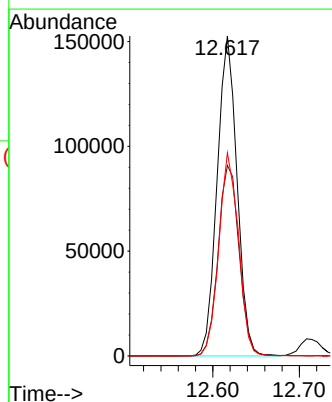
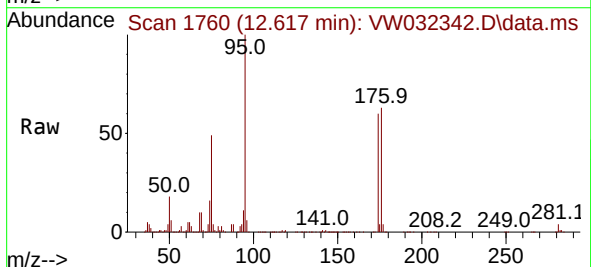
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

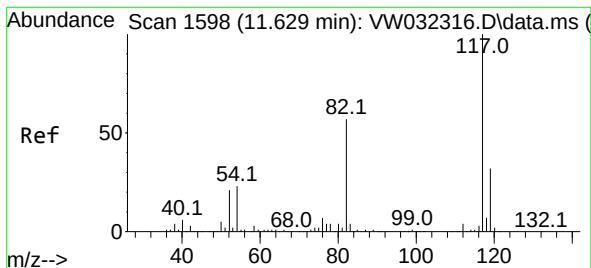
Tgt Ion:107 Resp: 61426
Ion Ratio Lower Upper
107 100
109 95.2 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 52.383 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 95 Resp: 243553
Ion Ratio Lower Upper
95 100
174 62.9 0.0 145.6
176 62.7 0.0 140.8

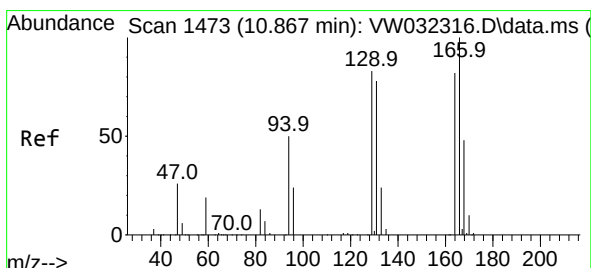
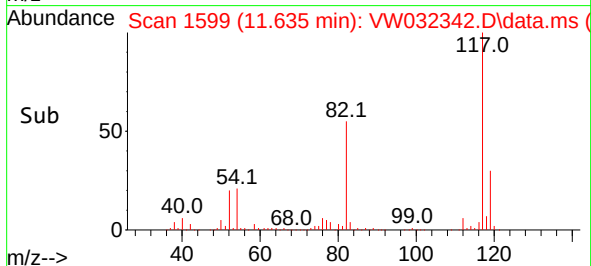
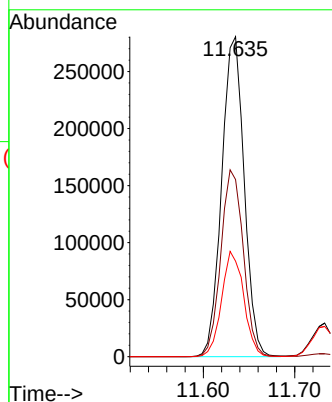
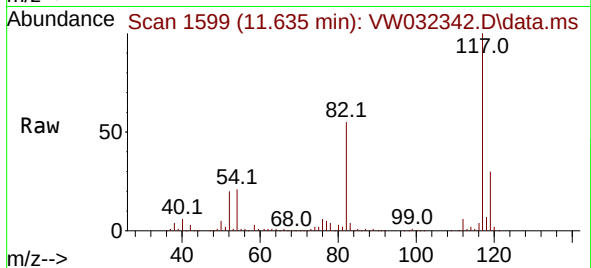




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

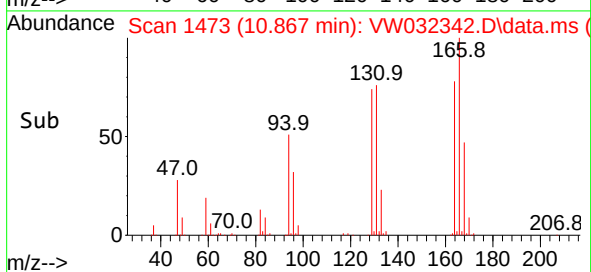
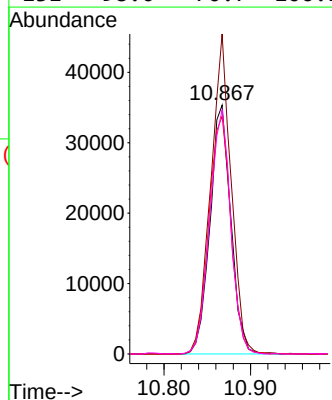
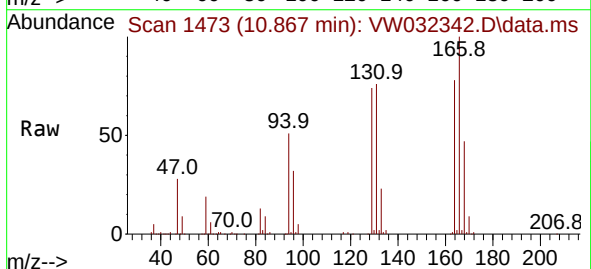
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

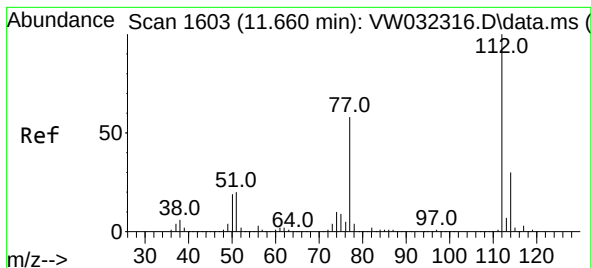
Tgt Ion:117 Resp: 480184
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 29.8 25.2 37.8



#64
Tetrachloroethene
Concen: 20.518 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:164 Resp: 58955
Ion Ratio Lower Upper
164 100
166 128.6 97.5 146.3
129 95.6 71.2 106.8
131 98.0 70.7 106.1

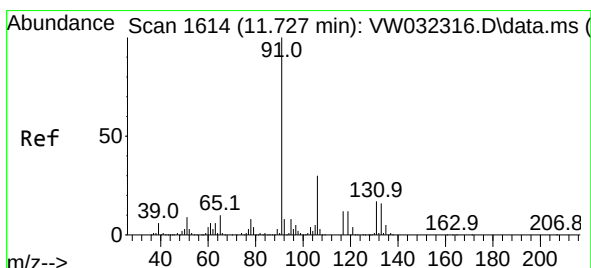
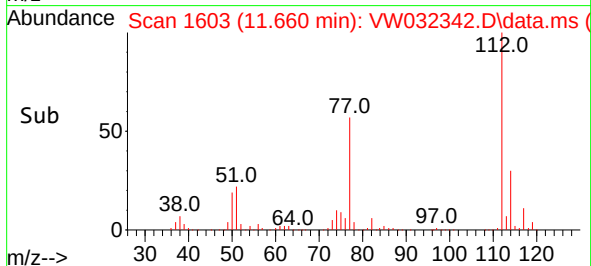
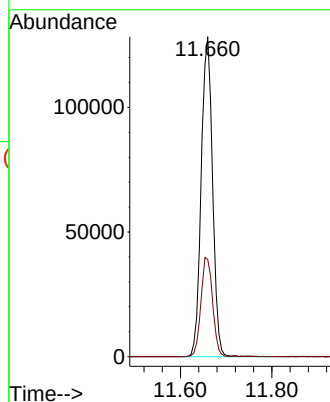
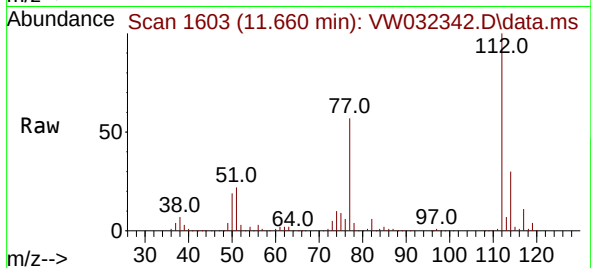




#65
Chlorobenzene
Concen: 20.886 ug/l
RT: 11.660 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

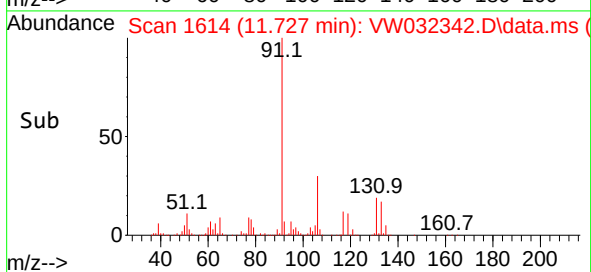
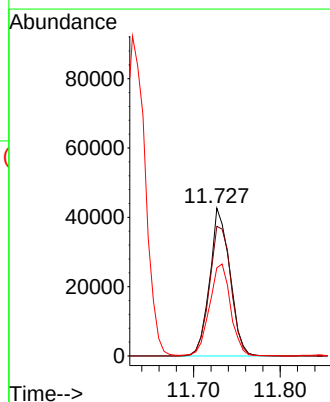
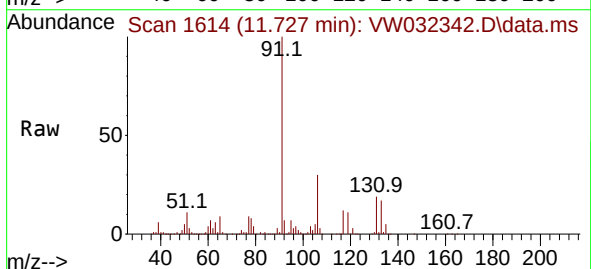
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

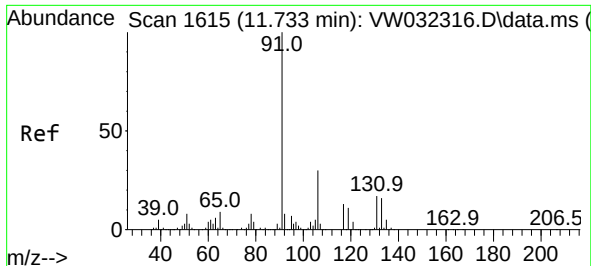
Tgt Ion:112 Resp: 220669
Ion Ratio Lower Upper
112 100
114 30.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.952 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:131 Resp: 68946
Ion Ratio Lower Upper
131 100
133 94.4 47.7 143.1
119 65.3 32.8 98.3





#67

Ethyl Benzene

Concen: 20.917 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

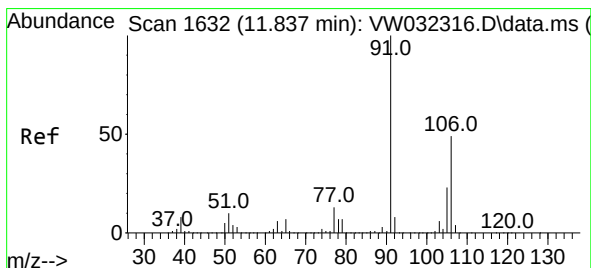
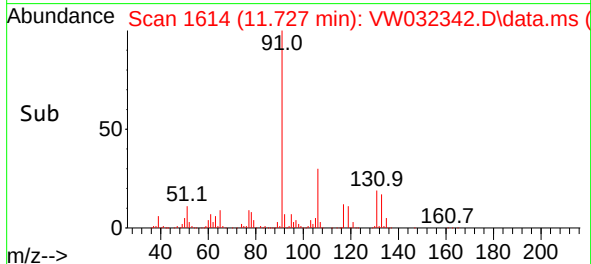
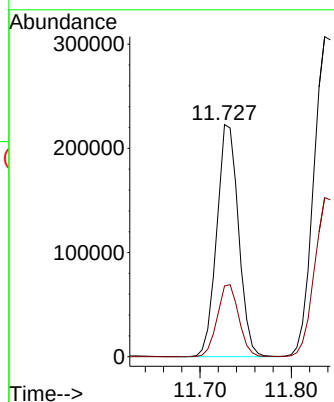
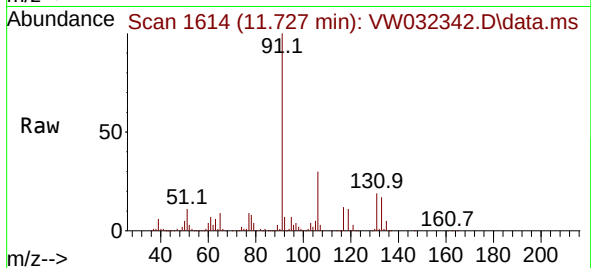
VW1003SBSD01

Tgt Ion: 91 Resp: 368376

Ion Ratio Lower Upper

91 100

106 30.5 25.3 37.9



#68

m/p-Xylenes

Concen: 42.112 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032342.D

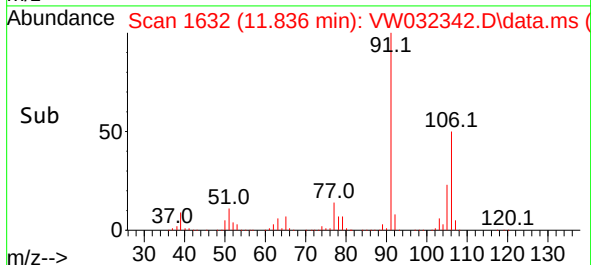
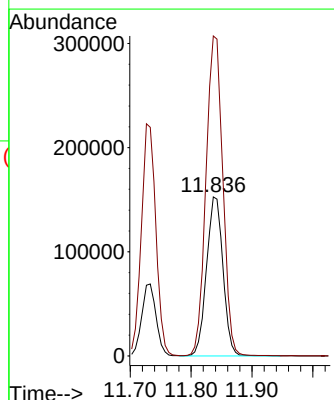
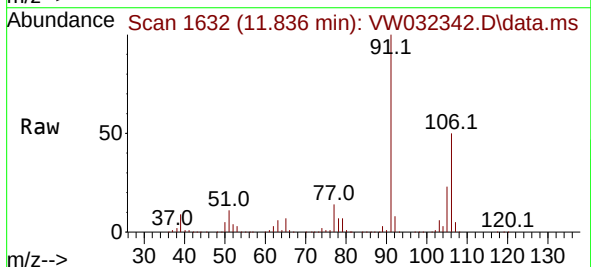
Acq: 03 Oct 2025 10:31

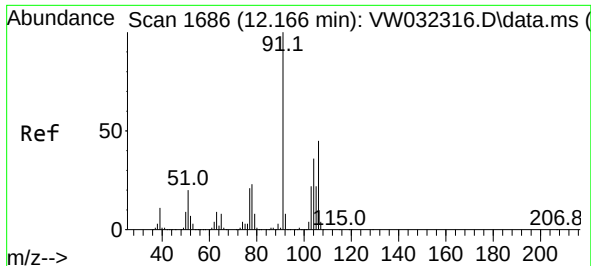
Tgt Ion:106 Resp: 285983

Ion Ratio Lower Upper

106 100

91 206.1 164.2 246.2

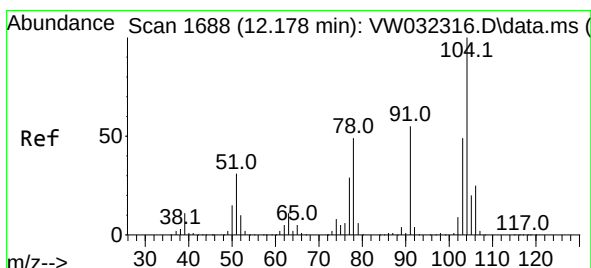
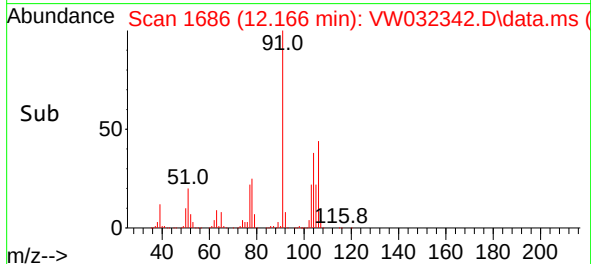
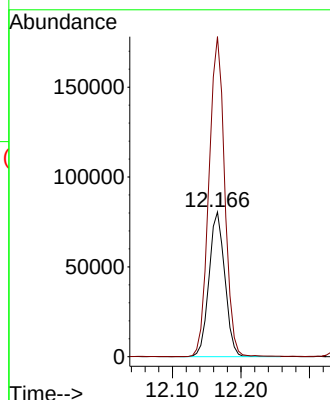
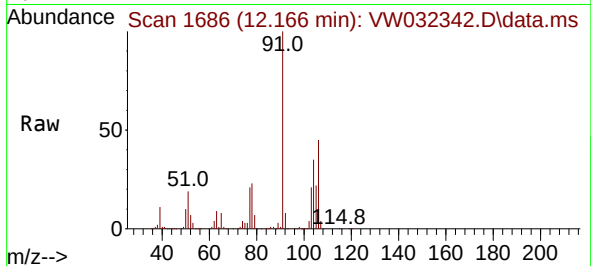




#69
o-Xylene
Concen: 20.430 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

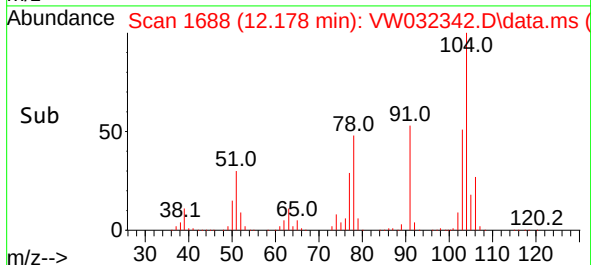
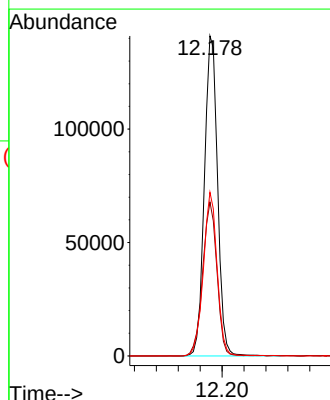
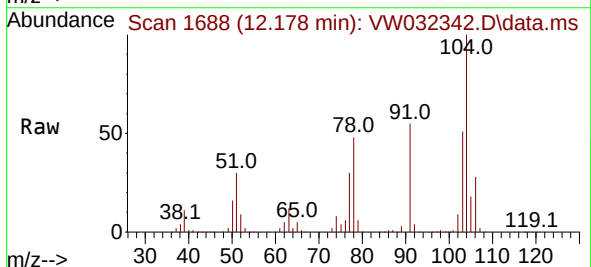
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

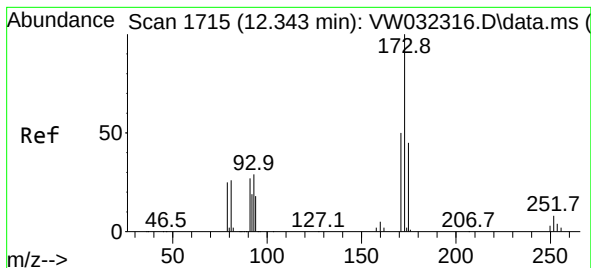
Tgt Ion:106 Resp: 129748
Ion Ratio Lower Upper
106 100
91 220.3 108.7 326.3



#70
Styrene
Concen: 21.207 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:104 Resp: 235147
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 53.7 44.8 67.2





#71

Bromoform

Concen: 19.487 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

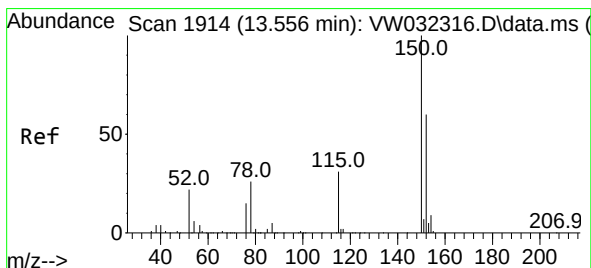
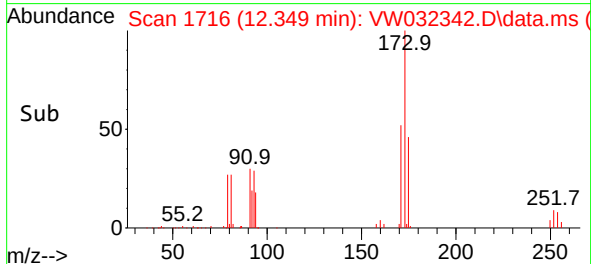
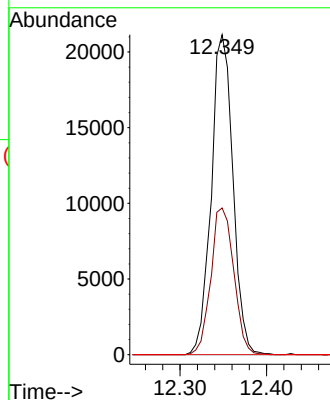
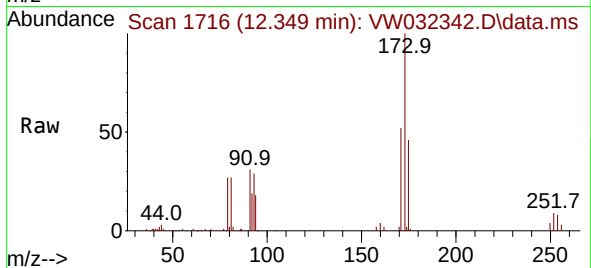
Tgt Ion:173 Resp: 36757

Ion Ratio Lower Upper

173 100

175 48.5 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: VW032342.D

Acq: 03 Oct 2025 10:31

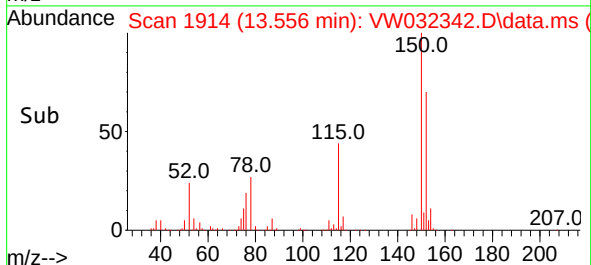
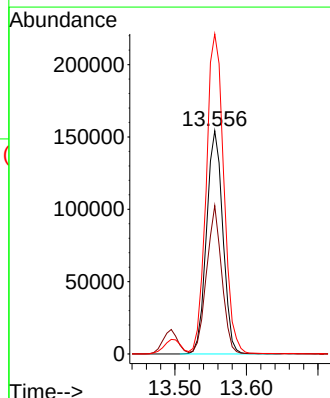
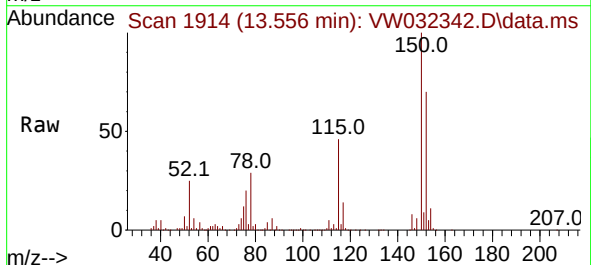
Tgt Ion:152 Resp: 244340

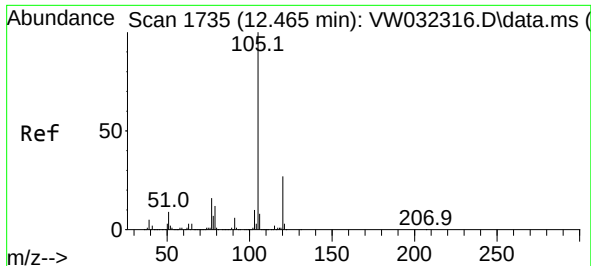
Ion Ratio Lower Upper

152 100

115 62.1 31.8 95.4

150 154.6 0.0 343.0

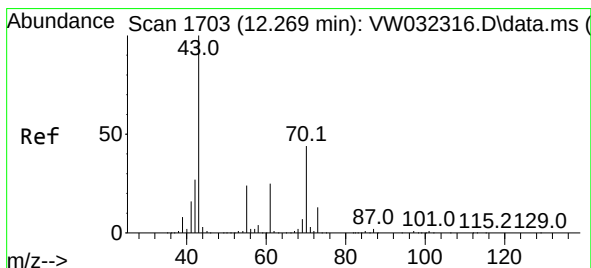
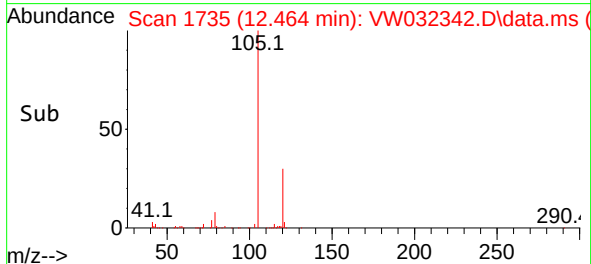
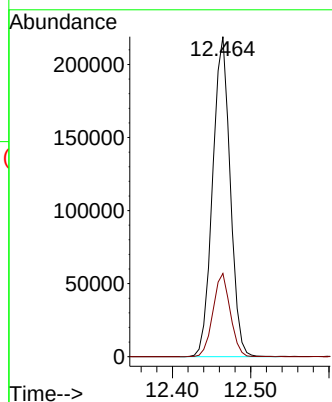
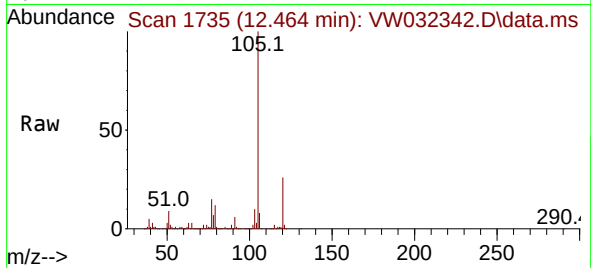




#73
Isopropylbenzene
Concen: 20.406 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

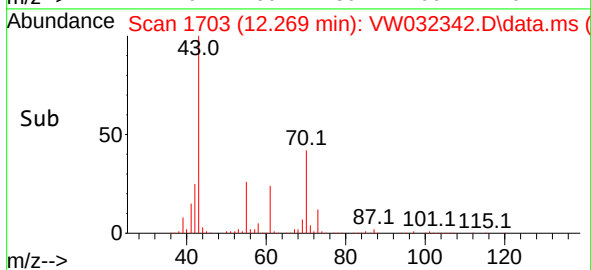
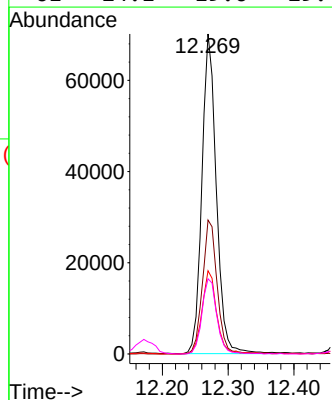
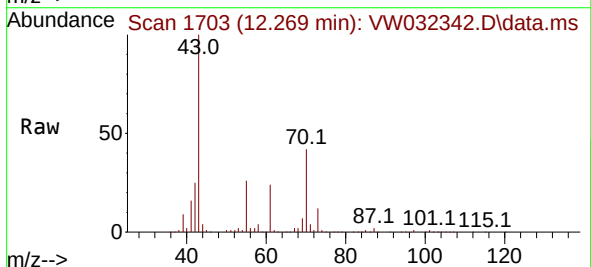
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

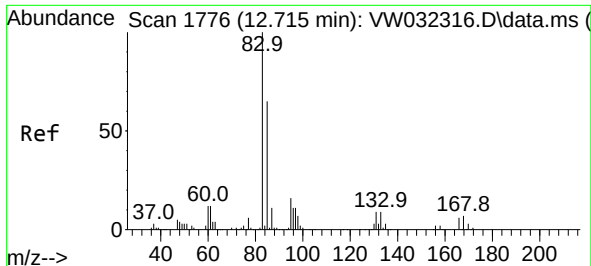
Tgt Ion:105 Resp: 341118
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9



#74
N-ethyl acetate
Concen: 20.073 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 43 Resp: 107047
Ion Ratio Lower Upper
43 100
70 42.9 35.3 52.9
55 26.6 19.9 29.9
61 24.1 19.6 29.4

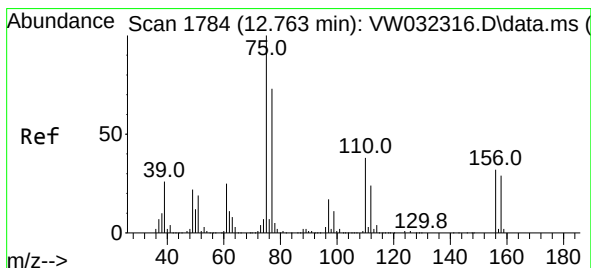
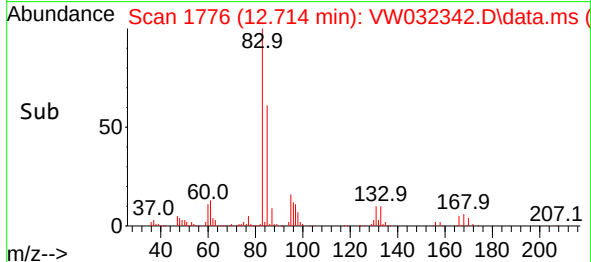
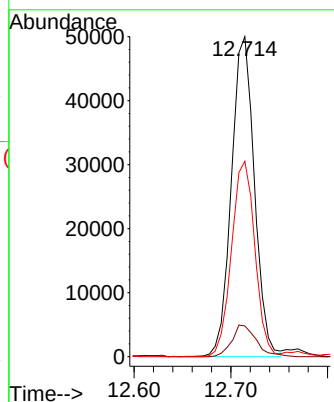
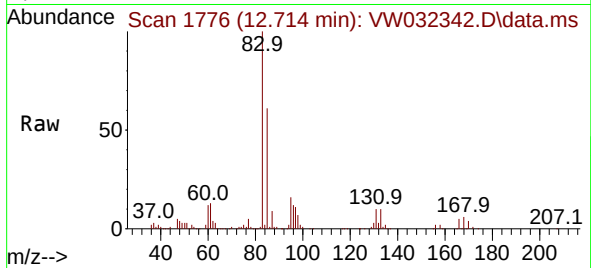




#75
1,1,2,2-Tetrachloroethane
Concen: 19.944 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

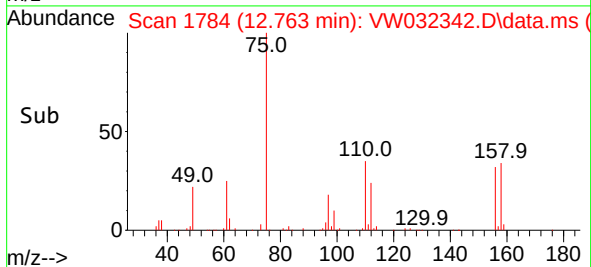
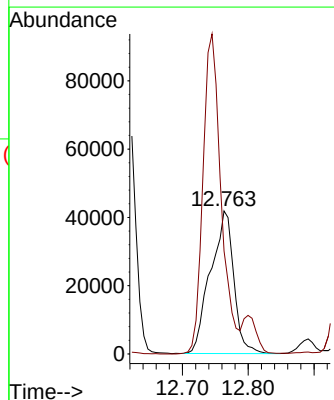
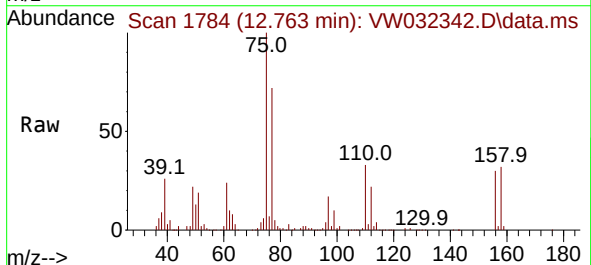
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

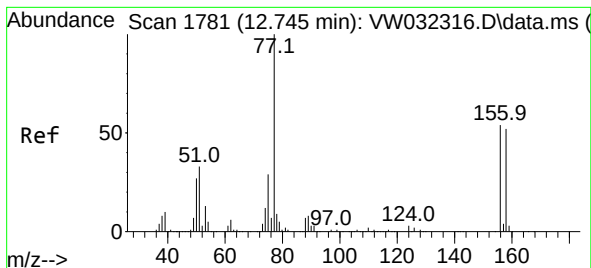
Tgt Ion: 83 Resp: 82780
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 62.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 32.046 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 75 Resp: 103042
Ion Ratio Lower Upper
75 100
77 175.7 141.7 425.1

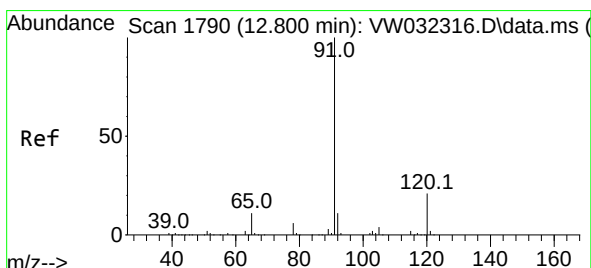
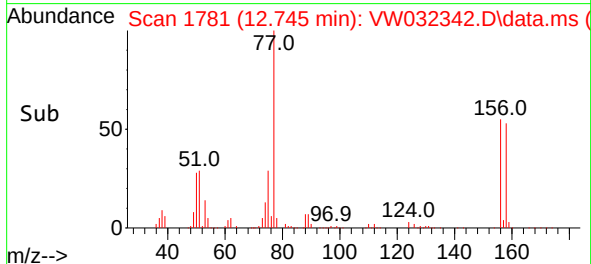
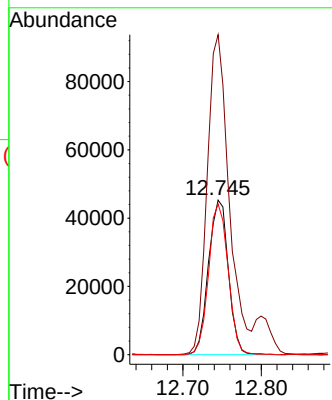
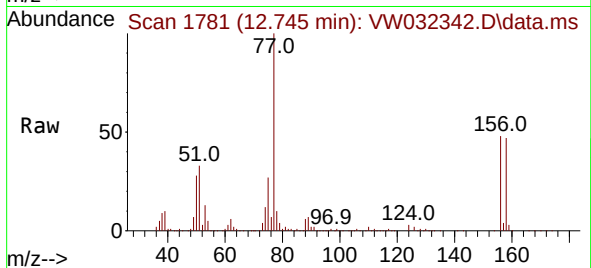




#77
Bromobenzene
Concen: 19.843 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

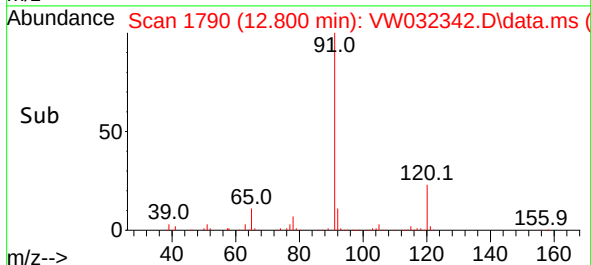
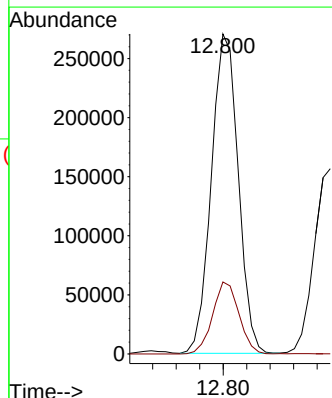
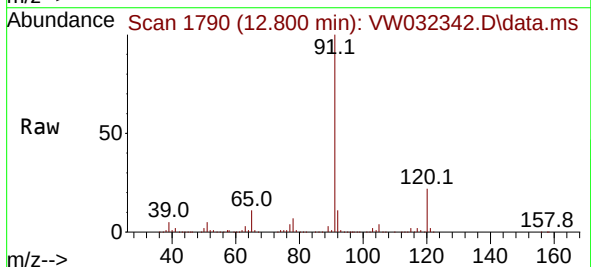
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

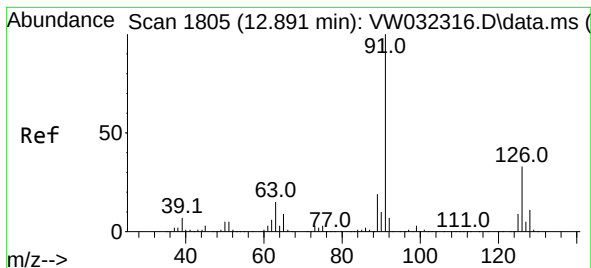
Tgt Ion:156 Resp: 79961
Ion Ratio Lower Upper
156 100
77 226.4 98.6 295.7
158 95.7 48.4 145.0



#78
n-propylbenzene
Concen: 20.570 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 91 Resp: 429522
Ion Ratio Lower Upper
91 100
120 22.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.154 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

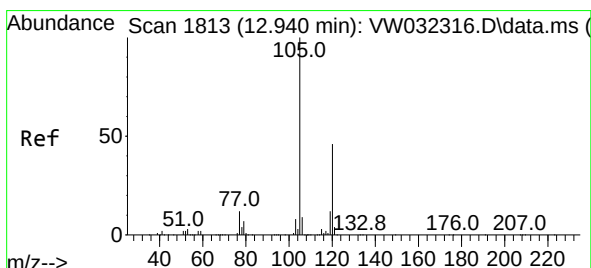
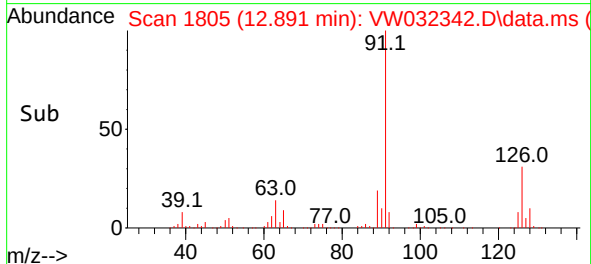
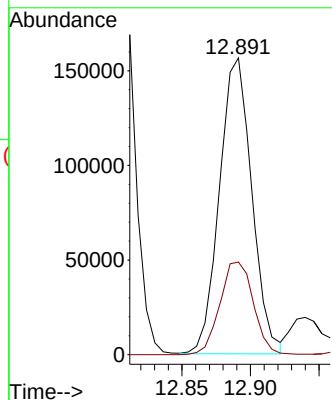
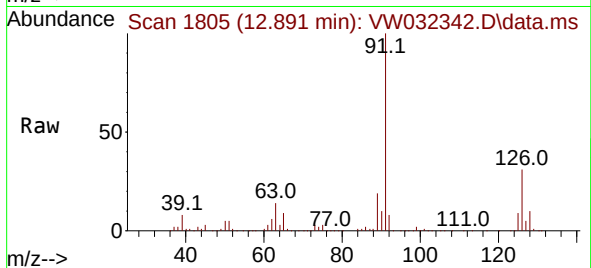
VW1003SBSD01

Tgt Ion: 91 Resp: 257321

Ion Ratio Lower Upper

91 100

126 32.4 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 19.589 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032342.D

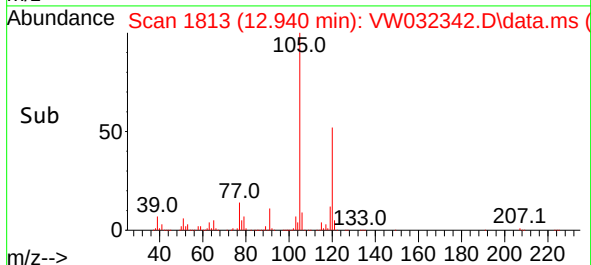
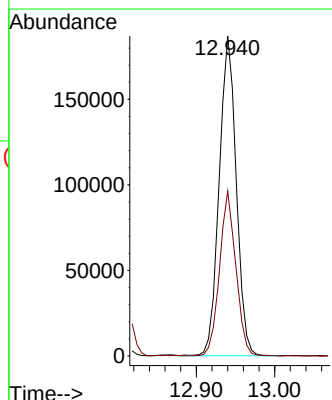
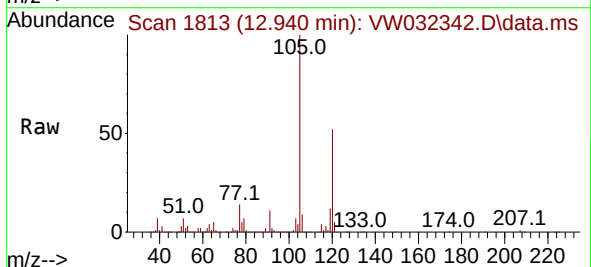
Acq: 03 Oct 2025 10:31

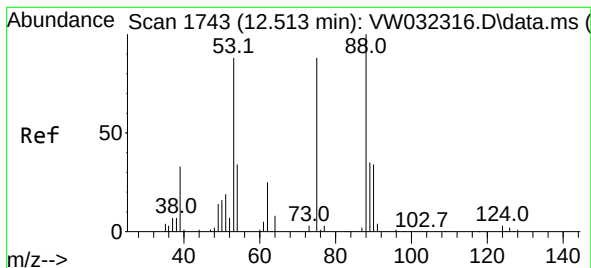
Tgt Ion: 105 Resp: 283160

Ion Ratio Lower Upper

105 100

120 49.5 24.8 74.4

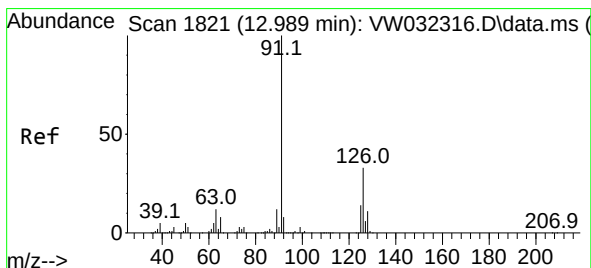
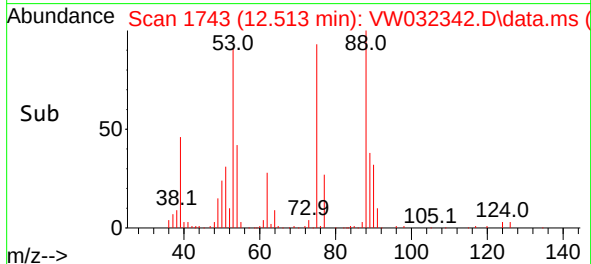
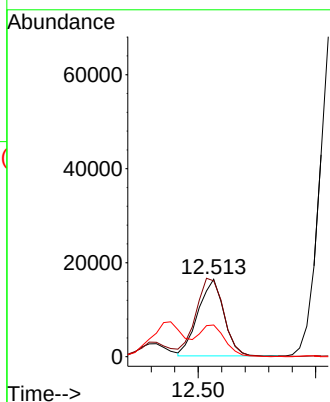
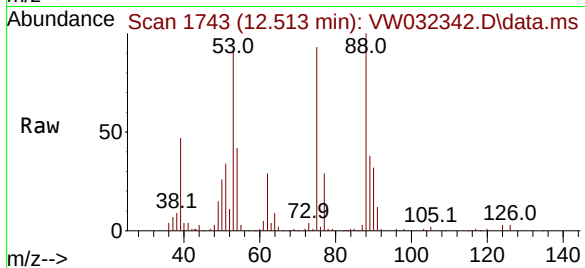




#81
trans-1,4-Dichloro-2-butene
Concen: 19.619 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

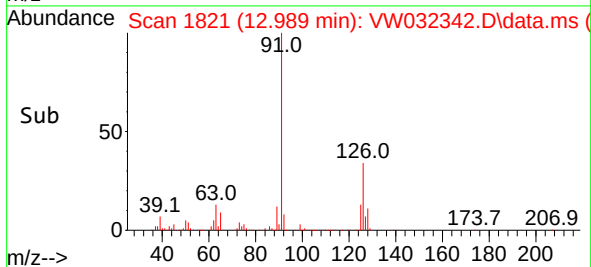
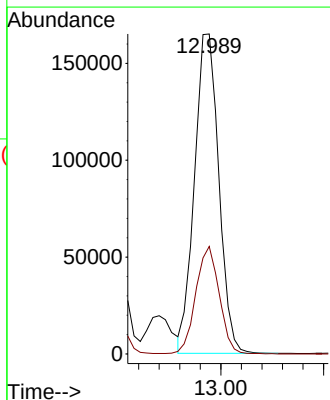
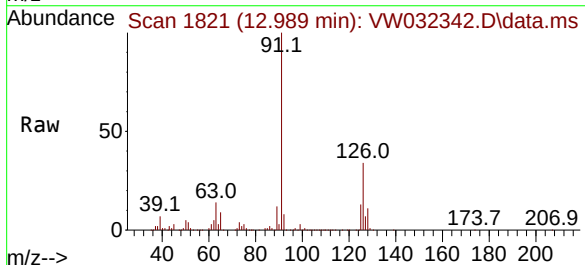
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

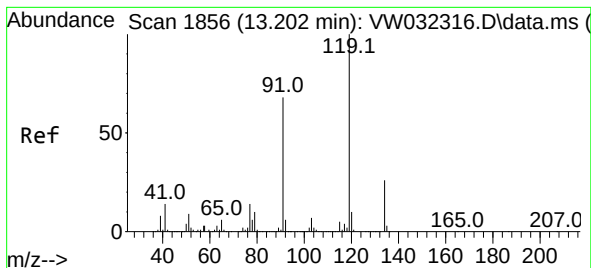
Tgt Ion: 75 Resp: 24902
Ion Ratio Lower Upper
75 100
53 110.5 91.0 136.6
89 40.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 19.989 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 91 Resp: 271331
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2

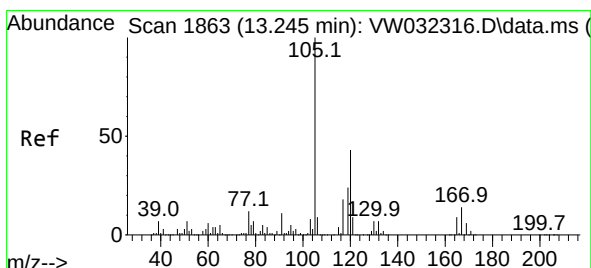
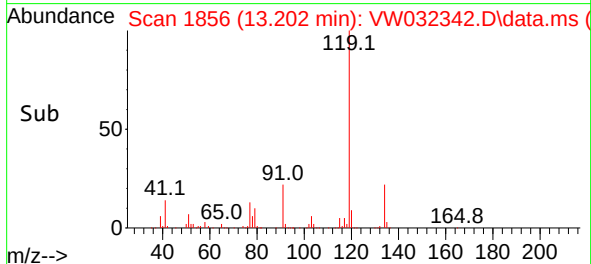
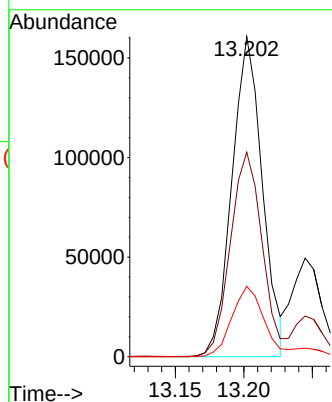
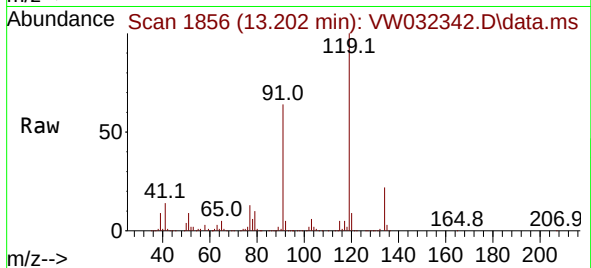




#83
tert-Butylbenzene
Concen: 20.886 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

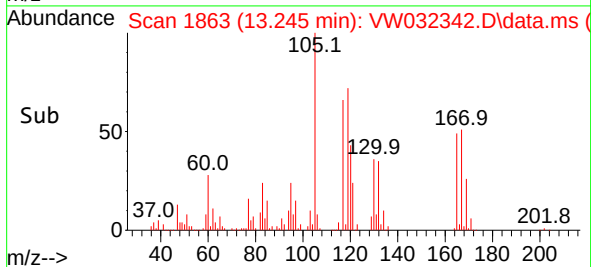
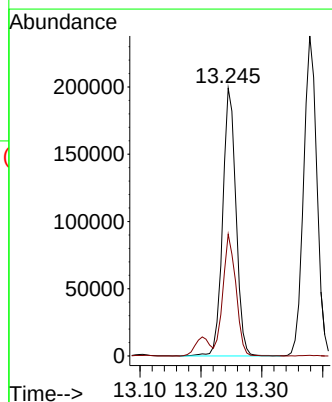
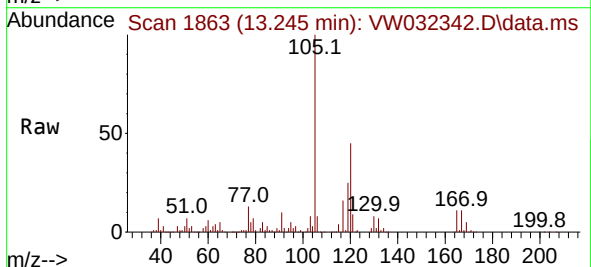
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

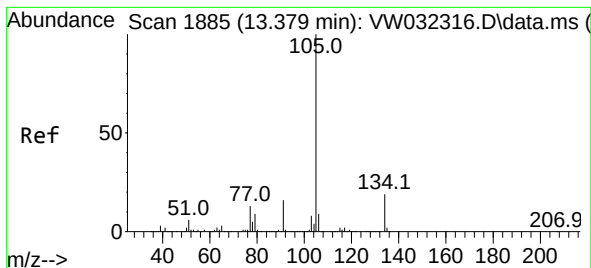
Tgt Ion:119 Resp: 247707
Ion Ratio Lower Upper
119 100
91 66.3 33.8 101.3
134 23.1 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:105 Resp: 301850
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.3

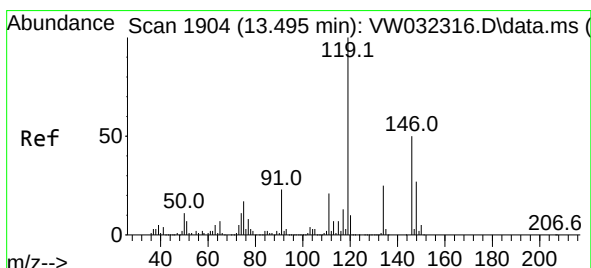
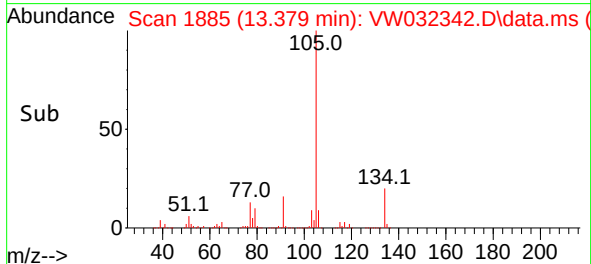
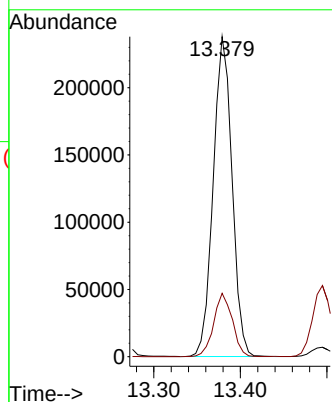
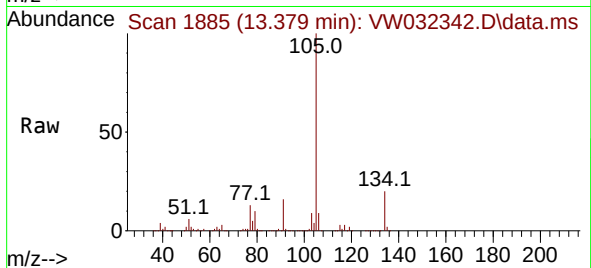




#85
 sec-Butylbenzene
 Concen: 19.831 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

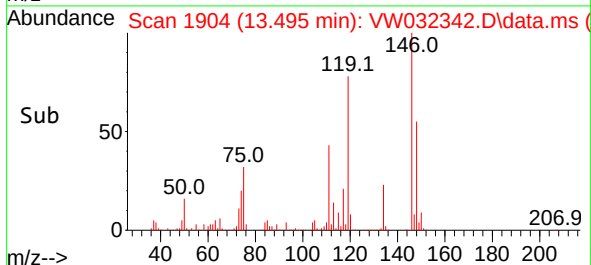
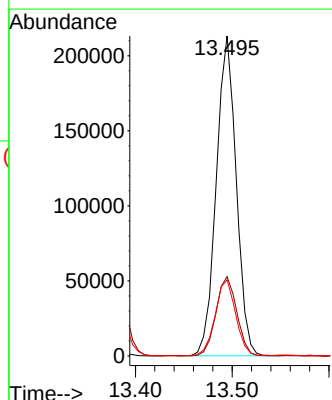
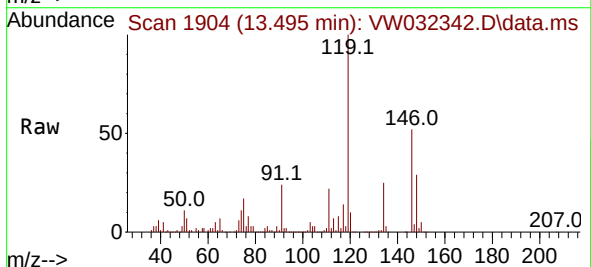
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1003SBSD01

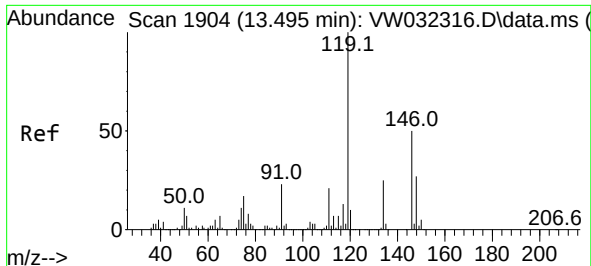
Tgt Ion:105 Resp: 359423
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.281 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032342.D
 Acq: 03 Oct 2025 10:31

Tgt Ion:119 Resp: 305005
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.6
 91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.292 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

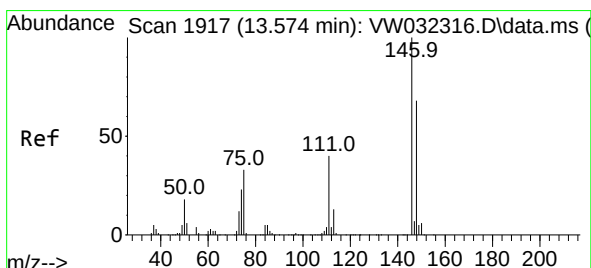
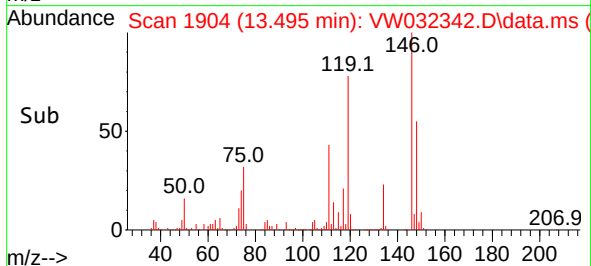
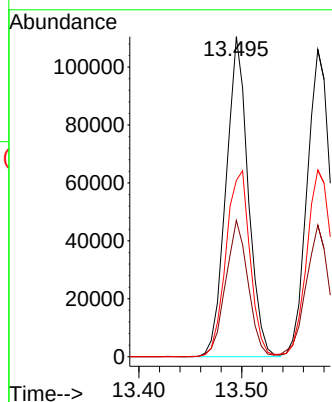
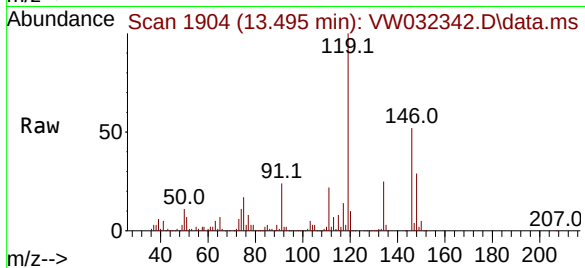
Tgt Ion:146 Resp: 165579

Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.9

148 63.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 20.675 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

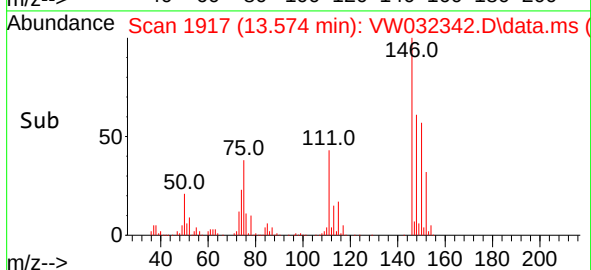
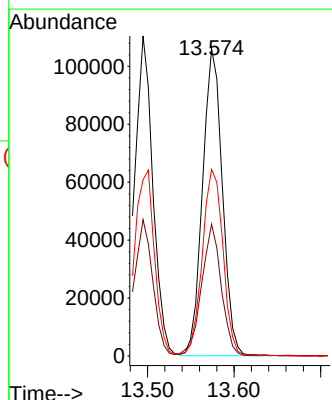
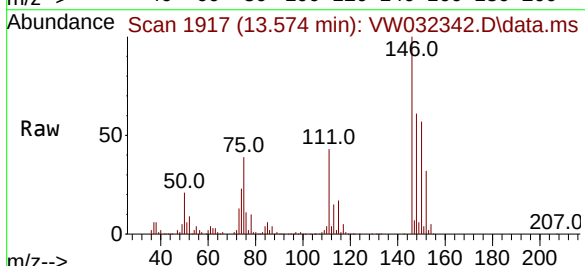
Tgt Ion:146 Resp: 168683

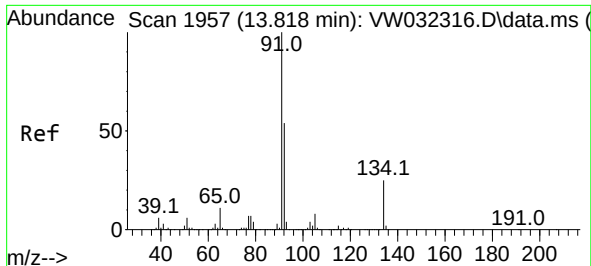
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.7

148 63.6 33.4 100.1

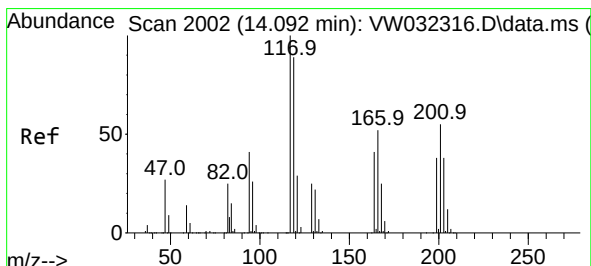
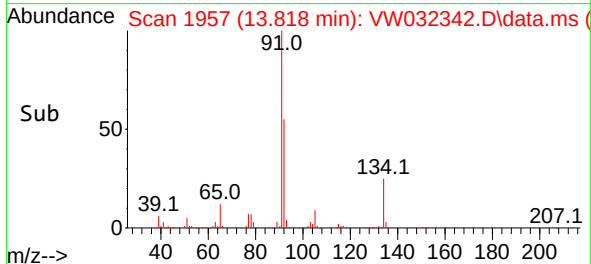
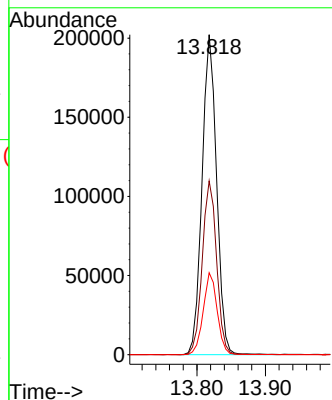
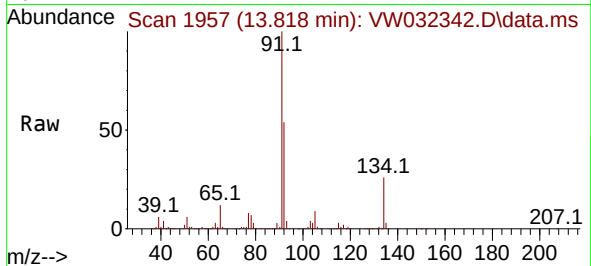




#89
n-Butylbenzene
Concen: 20.338 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

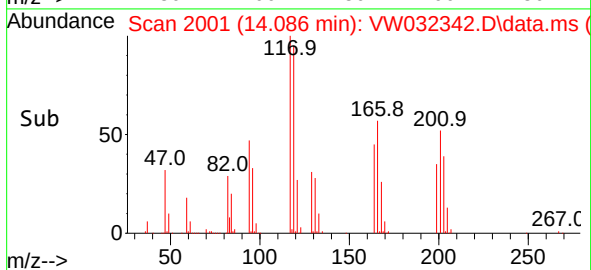
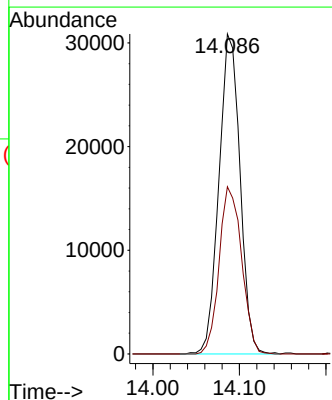
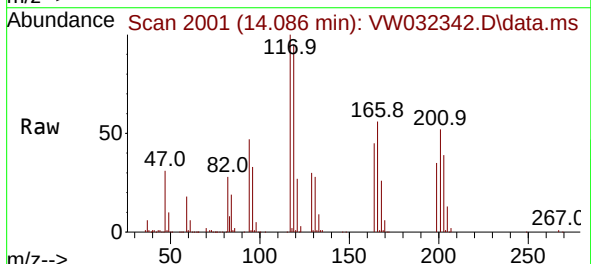
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

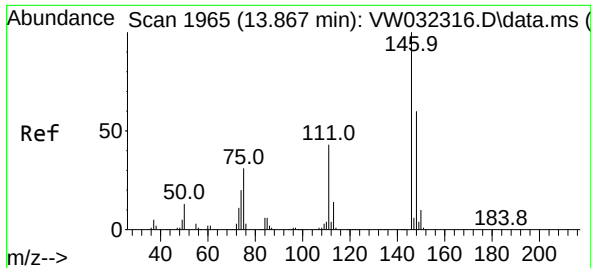
Tgt Ion: 91 Resp: 298633
Ion Ratio Lower Upper
91 100
92 53.7 27.0 81.0
134 24.7 13.1 39.3



#90
Hexachloroethane
Concen: 19.381 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion: 117 Resp: 52244
Ion Ratio Lower Upper
117 100
201 55.7 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 19.838 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

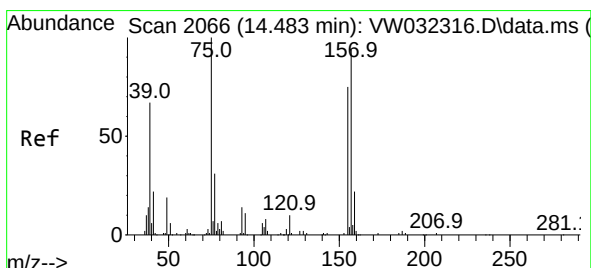
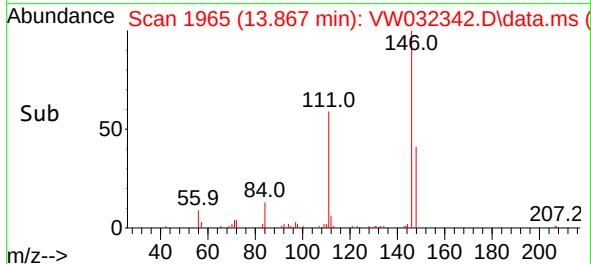
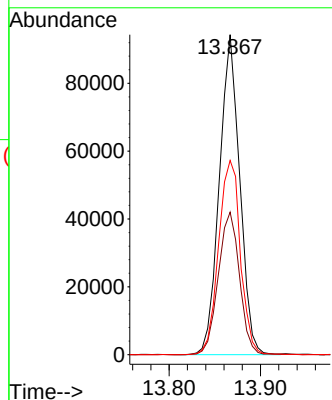
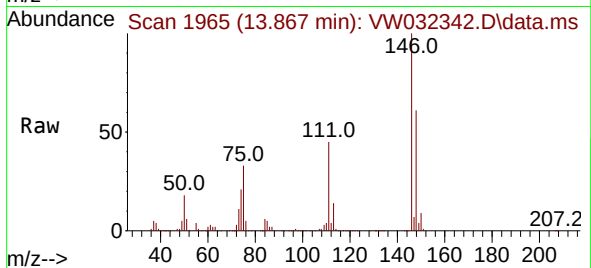
Tgt Ion:146 Resp: 146324

Ion Ratio Lower Upper

146 100

111 46.5 23.4 70.0

148 64.9 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.459 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

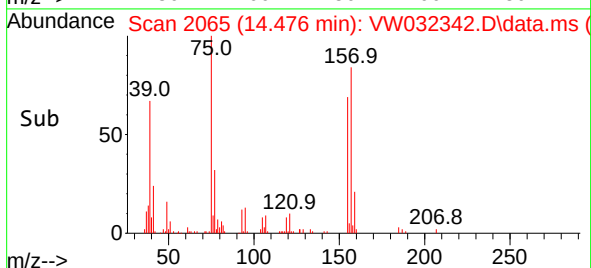
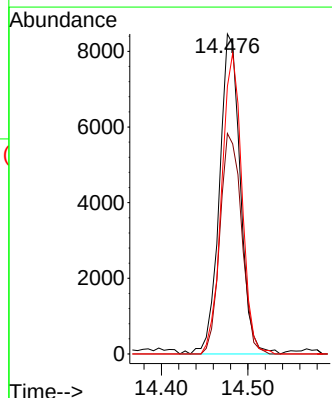
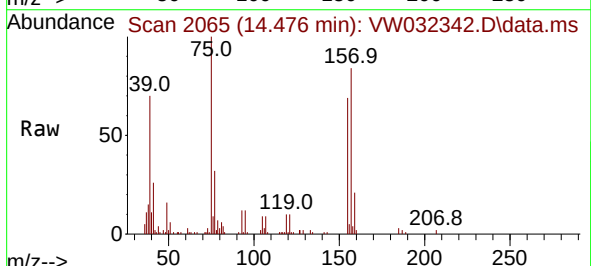
Tgt Ion: 75 Resp: 14141

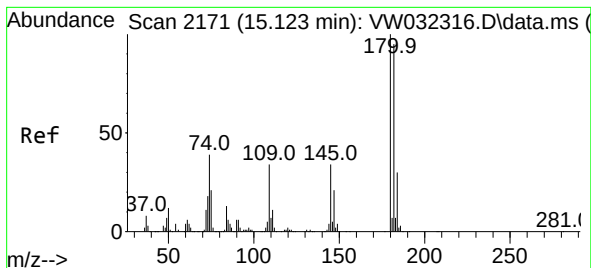
Ion Ratio Lower Upper

75 100

155 71.3 40.8 122.5

157 91.1 51.8 155.4

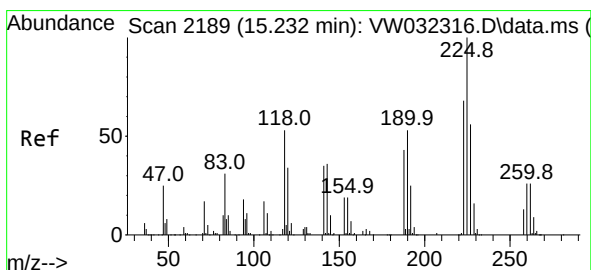
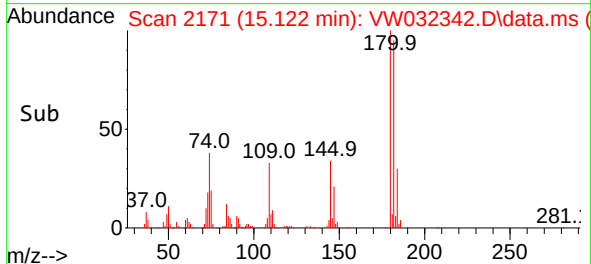
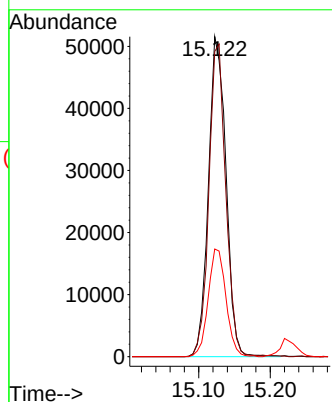
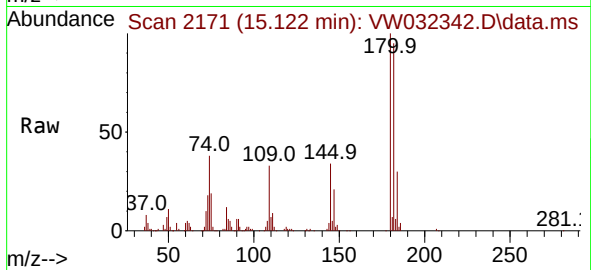




#93
1,2,4-Trichlorobenzene
Concen: 19.880 ug/l
RT: 15.122 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

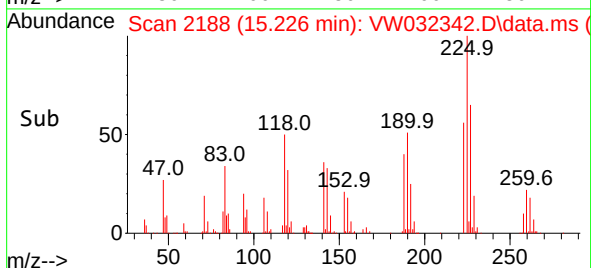
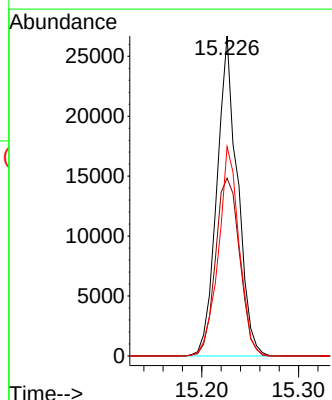
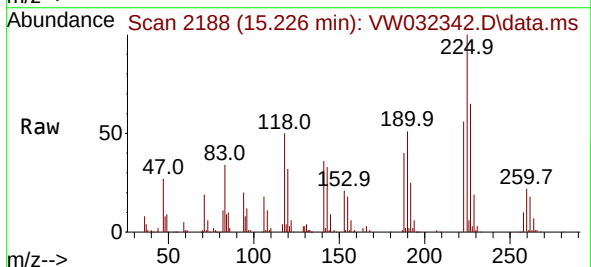
Instrument :
MSVOA_W
ClientSampleId :
VW1003SBSD01

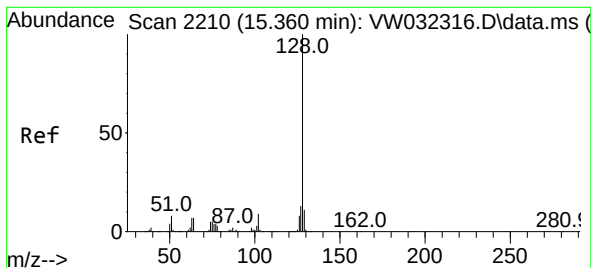
Tgt Ion:180 Resp: 87929
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 34.2 16.4 49.1



#94
Hexachlorobutadiene
Concen: 19.522 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032342.D
Acq: 03 Oct 2025 10:31

Tgt Ion:225 Resp: 39478
Ion Ratio Lower Upper
225 100
223 65.1 29.8 89.3
227 66.0 30.5 91.5





#95

Naphthalene

Concen: 20.002 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Instrument :

MSVOA_W

ClientSampleId :

VW1003SBSD01

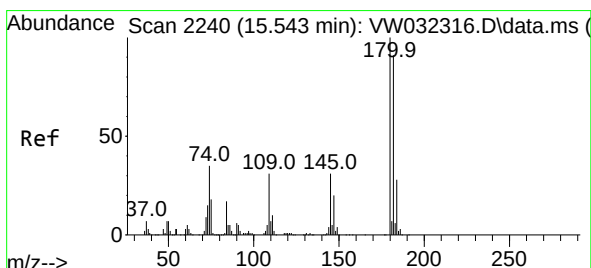
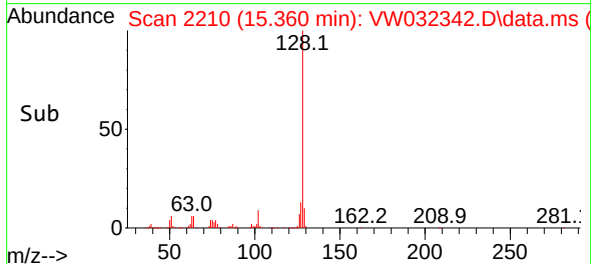
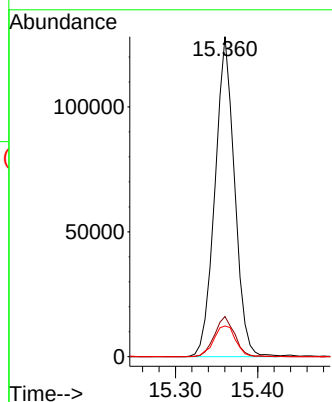
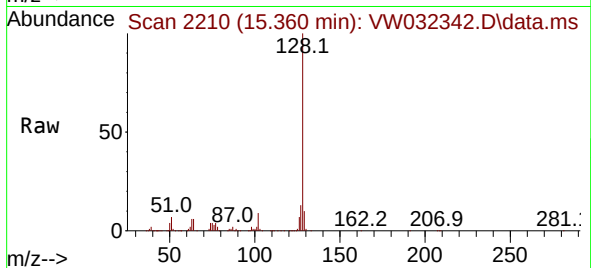
Tgt Ion:128 Resp: 212463

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.834 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032342.D

Acq: 03 Oct 2025 10:31

Tgt Ion:180 Resp: 82685

Ion Ratio Lower Upper

180 100

182 90.9 47.7 143.1

145 35.8 17.2 51.6

