

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100125\
 Data File : VW032317.D
 Acq On : 01 Oct 2025 14:59
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 21:16:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:10:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	292547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	528901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	475984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	231176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	417484	97.841	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 195.680%#	
35) Dibromofluoromethane	7.898	113	350567	102.349	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 204.700%#	
50) Toluene-d8	10.331	98	1301655	102.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 205.920%#	
62) 4-Bromofluorobenzene	12.617	95	485396	101.586	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 203.180%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	165937	90.391	ug/l	98
3) Chloromethane	2.259	50	263109	92.885	ug/l	100
4) Vinyl Chloride	2.405	62	311778	92.194	ug/l	100
5) Bromomethane	2.820	94	228770	92.054	ug/l	94
6) Chloroethane	2.966	64	213270	95.521	ug/l	100
7) Trichlorofluoromethane	3.308	101	246809	97.475	ug/l	97
8) Diethyl Ether	3.722	74	210643	96.005	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.106	101	274433	90.363	ug/l	96
10) Methyl Iodide	4.308	142	411793	95.030	ug/l	99
11) Tert butyl alcohol	5.222	59	142390	440.862	ug/l	97
12) 1,1-Dichloroethene	4.076	96	312434	94.761	ug/l	90
13) Acrolein	3.930	56	241522	460.759	ug/l	100
14) Allyl chloride	4.704	41	538624	96.720	ug/l	89
15) Acrylonitrile	5.405	53	561280	491.730	ug/l	98
16) Acetone	4.161	43	508582	430.455	ug/l	99
17) Carbon Disulfide	4.423	76	887546	98.660	ug/l	100
18) Methyl Acetate	4.710	43	331793	98.033	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	639931	98.544	ug/l	97
20) Methylene Chloride	4.960	84	368359	99.471	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	358450	98.197	ug/l	97
22) Diisopropyl ether	6.344	45	1141459	98.558	ug/l	91
23) Vinyl Acetate	6.283	43	3946823	510.205	ug/l	99
24) 1,1-Dichloroethane	6.246	63	683736	97.173	ug/l	98
25) 2-Butanone	7.197	43	767105	476.718	ug/l	99
26) 2,2-Dichloropropane	7.191	77	345332	95.948	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	433121	98.767	ug/l	95
28) Bromochloromethane	7.533	49	323538	97.732	ug/l	87
29) Tetrahydrofuran	7.551	42	499036	493.149	ug/l	94
30) Chloroform	7.691	83	697012	97.676	ug/l	96
31) Cyclohexane	7.971	56	544824	90.699	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	488662	96.637	ug/l	100
36) 1,1-Dichloropropene	8.093	75	486510	100.644	ug/l	98
37) Ethyl Acetate	7.277	43	322862	100.344	ug/l	99
38) Carbon Tetrachloride	8.081	117	458732	100.845	ug/l	90
39) Methylcyclohexane	9.343	83	601153	103.099	ug/l	98
40) Benzene	8.337	78	1506339	99.416	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	181036	104.404	ug/l	92
42) 1,2-Dichloroethane	8.410	62	487667	98.363	ug/l	99
43) Isopropyl Acetate	8.435	43	597878	104.746	ug/l	100
44) Trichloroethene	9.099	130	359102	101.217	ug/l	90
45) 1,2-Dichloropropane	9.380	63	375302	99.234	ug/l	99
46) Dibromomethane	9.465	93	231385	99.495	ug/l	95
47) Bromodichloromethane	9.654	83	542848	102.055	ug/l	96
48) Methyl methacrylate	9.441	41	293582	105.789	ug/l #	91
49) 1,4-Dioxane	9.465	88	66922	2105.342	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	1663070	503.045	ug/l	100
52) Toluene	10.392	92	960973	101.843	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	555072	107.561	ug/l	99
54) cis-1,3-Dichloropropene	10.081	75	625271	105.188	ug/l	92
55) 1,1,2-Trichloroethane	10.788	97	309412	99.546	ug/l	98
56) Ethyl methacrylate	10.648	69	477191	109.686	ug/l	95
57) 1,3-Dichloropropane	10.934	76	548954	99.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	1282918	554.092	ug/l	96
59) 2-Hexanone	10.971	43	1177144	504.847	ug/l	99
60) Dibromochloromethane	11.129	129	375002	106.254	ug/l	99
61) 1,2-Dibromoethane	11.239	107	301749	99.562	ug/l	97
64) Tetrachloroethene	10.867	164	273519	96.034	ug/l	88
65) Chlorobenzene	11.660	112	1041724	99.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	334400	102.516	ug/l	98
67) Ethyl Benzene	11.733	91	1805810	103.444	ug/l	97
68) m/p-Xylenes	11.837	106	1390632	206.584	ug/l	98
69) o-Xylene	12.166	106	667671	106.061	ug/l	99
70) Styrene	12.178	104	1128688	102.692	ug/l	99
71) Bromoform	12.349	173	192066	102.725	ug/l #	100
73) Isopropylbenzene	12.465	105	1685355	106.560	ug/l	100
74) N-amyl acetate	12.270	43	540543	107.133	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	385347	98.125	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	503002	164.889	ug/l	39
77) Bromobenzene	12.745	156	396745	104.063	ug/l	92
78) n-propylbenzene	12.800	91	2052249	103.878	ug/l	97
79) 2-Chlorotoluene	12.885	91	1213767	100.479	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	1439767	105.277	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	135383	112.737	ug/l	88
82) 4-Chlorotoluene	12.989	91	1299440	101.179	ug/l	99
83) tert-Butylbenzene	13.202	119	1179238	105.090	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	1445279	103.930	ug/l	99
85) sec-Butylbenzene	13.379	105	1756008	102.403	ug/l	99
86) p-Isopropyltoluene	13.495	119	1460991	102.680	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	766586	99.297	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	767903	99.477	ug/l	95
89) n-Butylbenzene	13.818	91	1440709	103.706	ug/l	98
90) Hexachloroethane	14.092	117	265991	104.296	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	678218	97.184	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.483	75	67919	98.781	ug/l	89
93) 1,2,4-Trichlorobenzene	15.129	180	433724	103.645	ug/l	97
94) Hexachlorobutadiene	15.232	225	191123	99.894	ug/l	97
95) Naphthalene	15.360	128	1054202	104.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	399527	101.292	ug/l	99

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Instrument :
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Quant Time: Oct 02 21:16:11 2025
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Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:10:58 2025
Response via : Initial Calibration

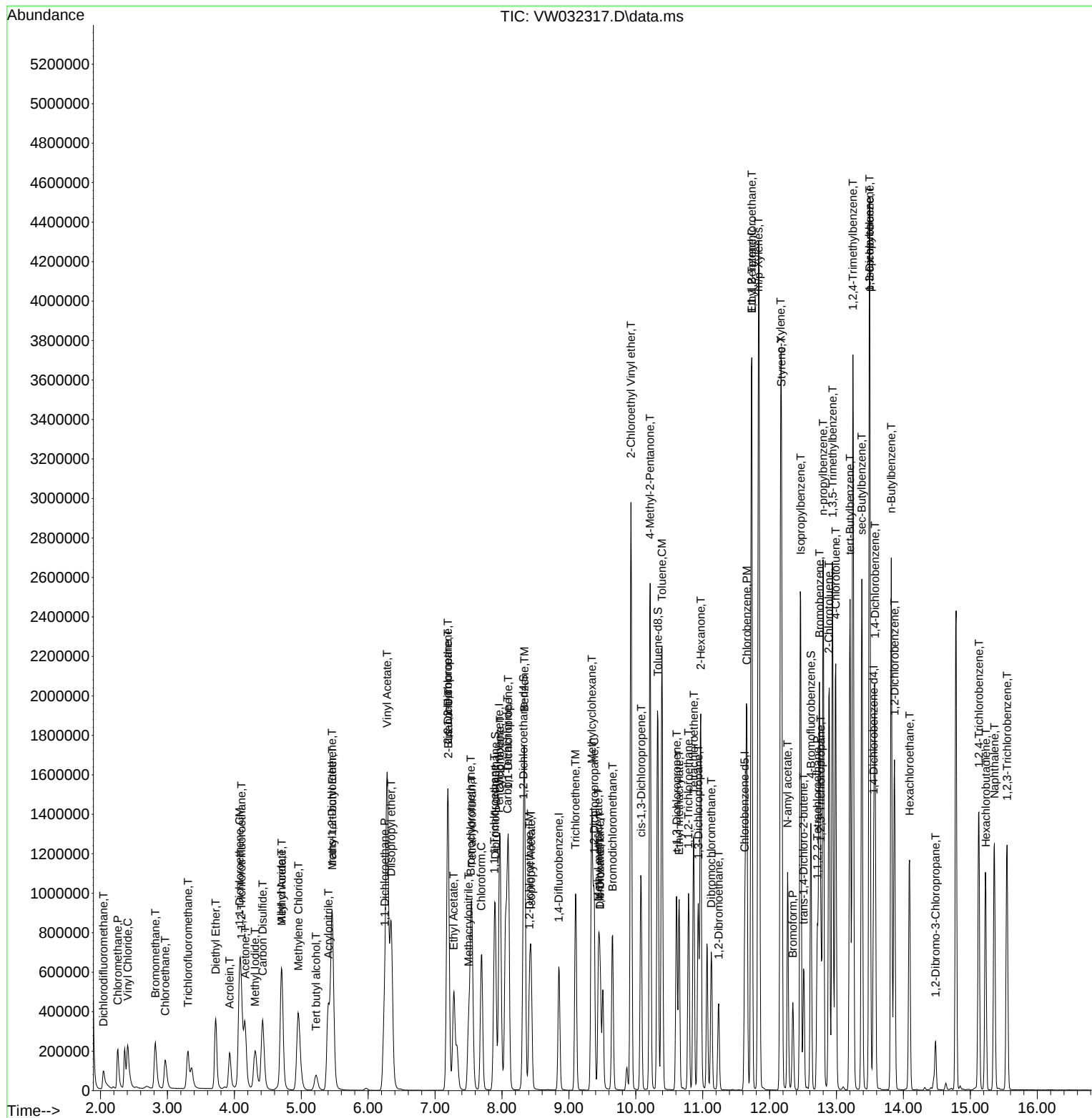
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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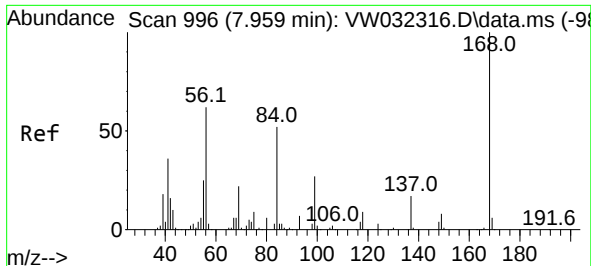
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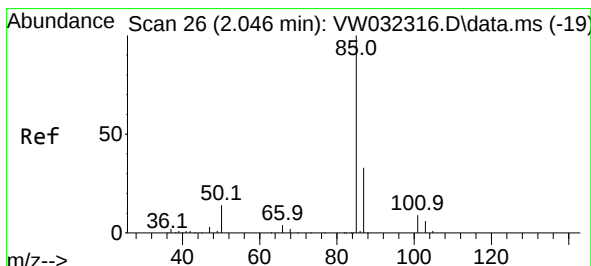
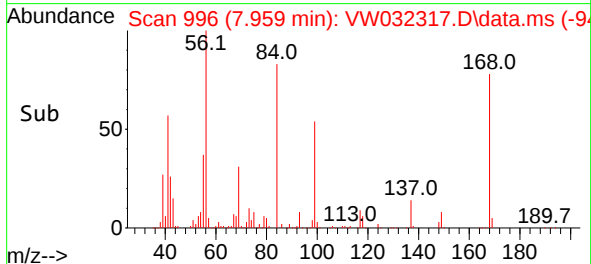
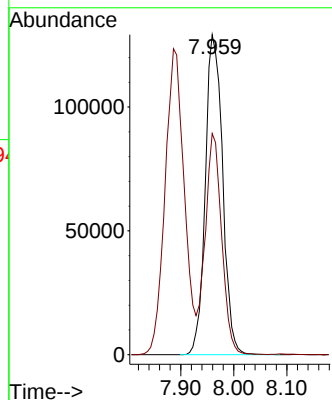
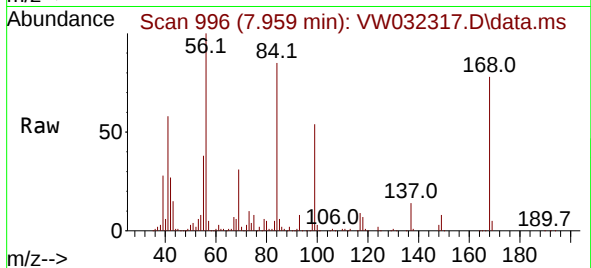




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

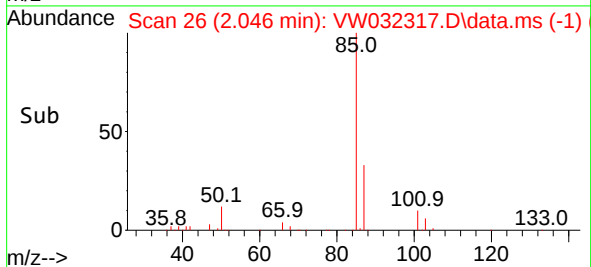
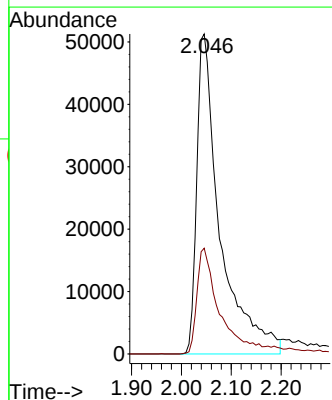
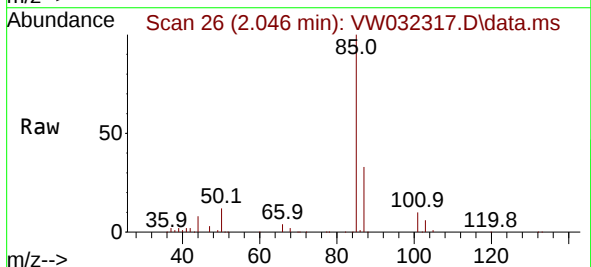
Instrument :
MSVOA_W
ClientSampleId :

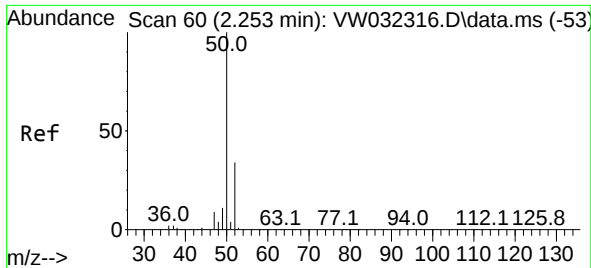
Tgt Ion:168 Resp: 292547
Ion Ratio Lower Upper
168 100
99 68.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 90.391 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 85 Resp: 165937
Ion Ratio Lower Upper
85 100
87 33.0 17.2 51.6

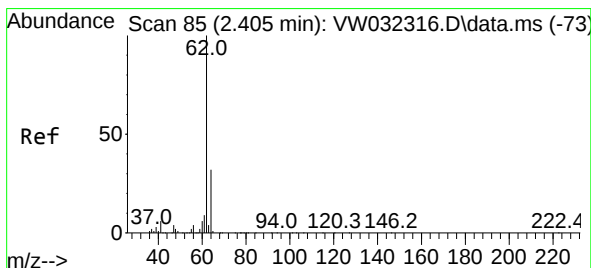
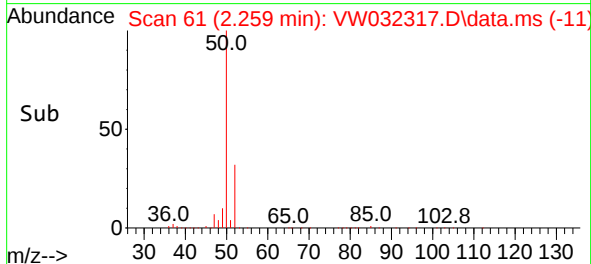
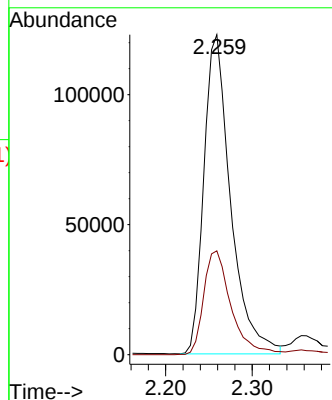
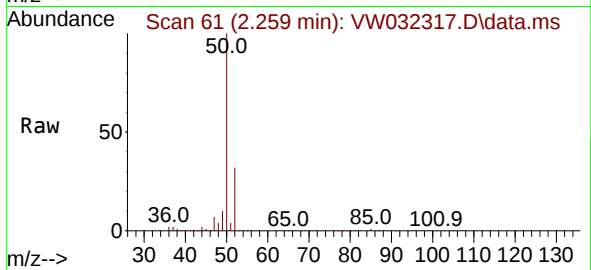




#3
Chloromethane
Concen: 92.885 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

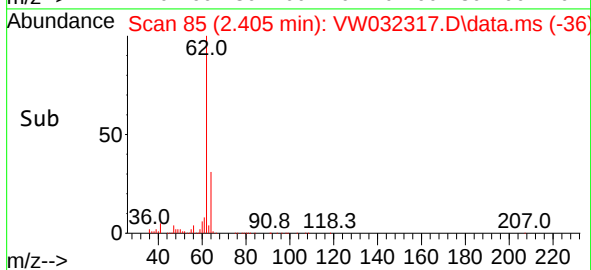
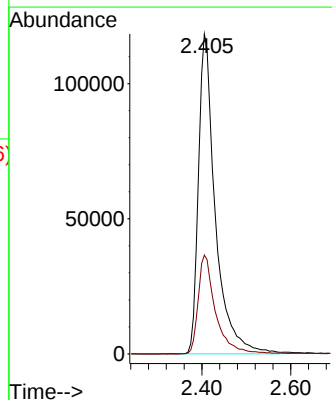
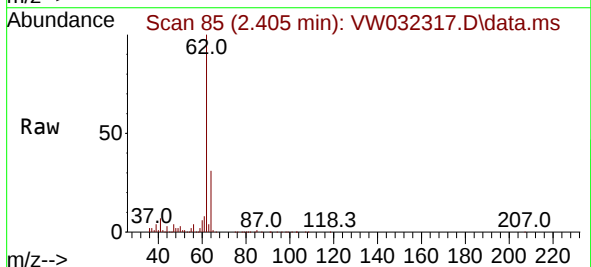
Instrument :
MSVOA_W
ClientSampleId :

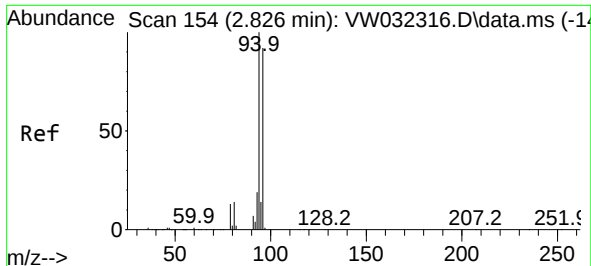
Tgt Ion: 50 Resp: 263109
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 92.194 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 62 Resp: 311778
Ion Ratio Lower Upper
62 100
64 30.9 24.8 37.2

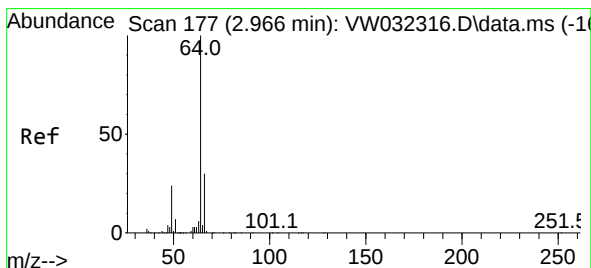
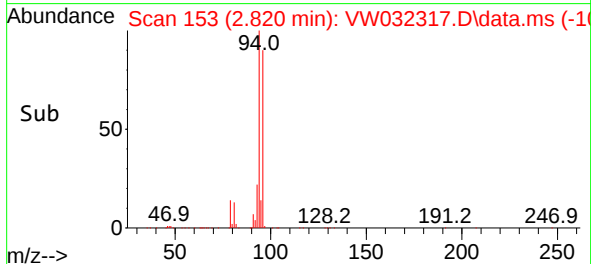
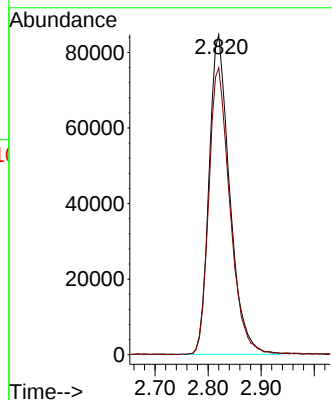
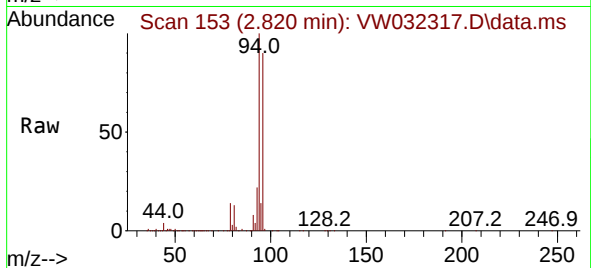




#5
Bromomethane
Concen: 92.054 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

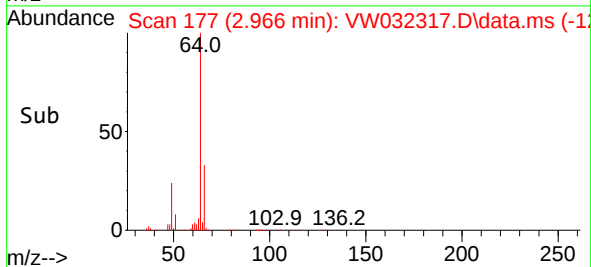
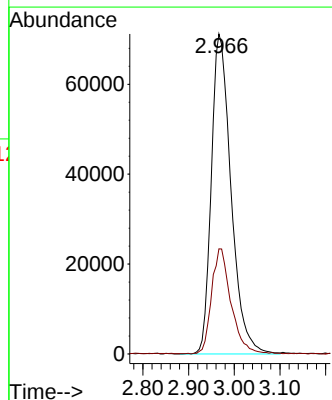
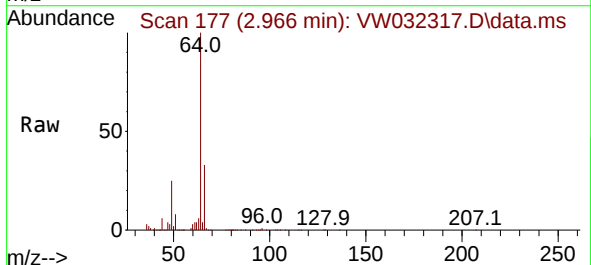
Instrument :
MSVOA_W
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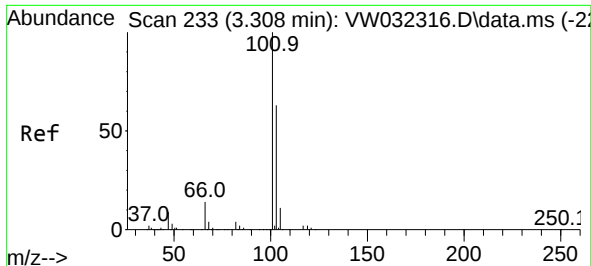
Tgt Ion: 94 Resp: 228770
Ion Ratio Lower Upper
94 100
96 89.6 76.6 115.0



#6
Chloroethane
Concen: 95.521 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 64 Resp: 213270
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

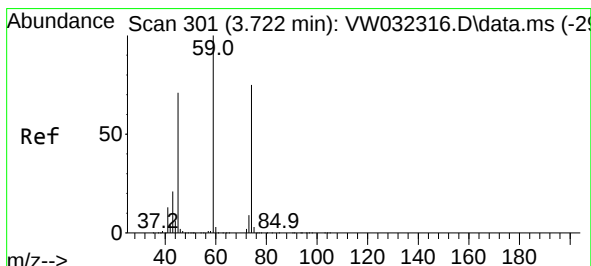
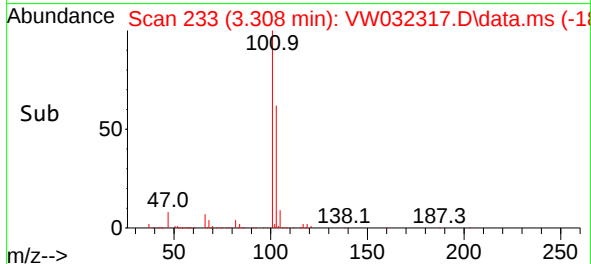
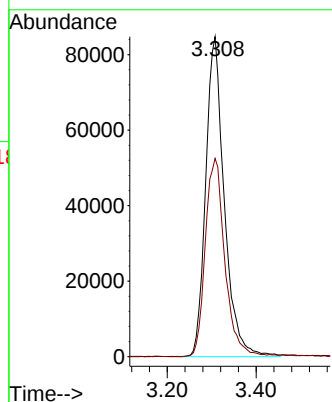
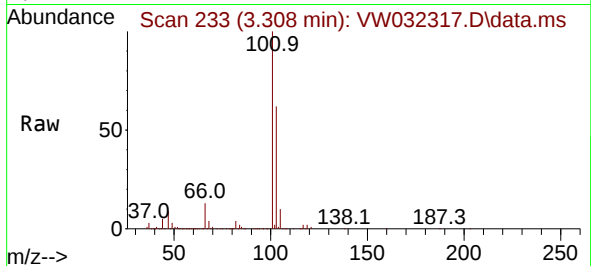




#7
 Trichlorofluoromethane
 Concen: 97.475 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

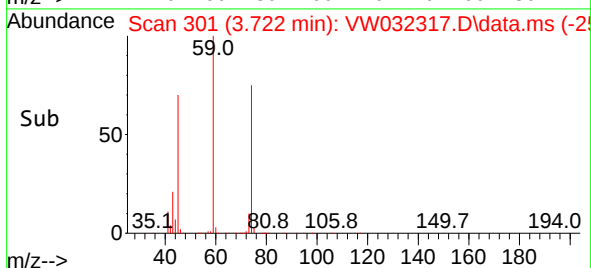
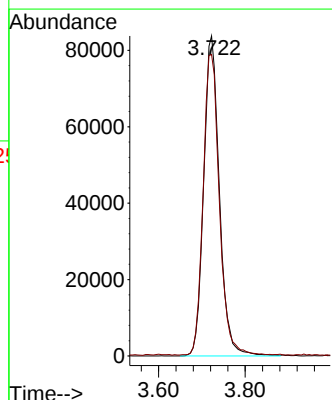
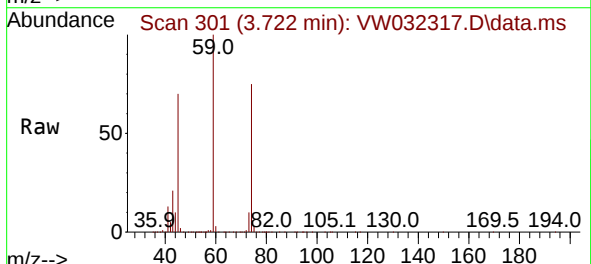
Instrument :
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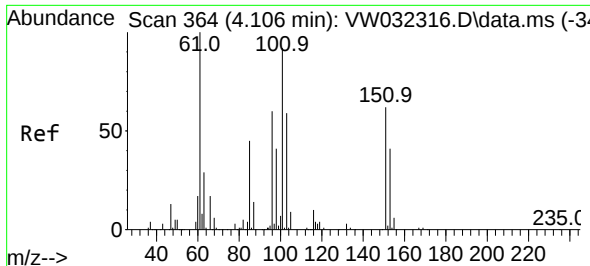
Tgt Ion:101 Resp: 246809
 Ion Ratio Lower Upper
 101 100
 103 61.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 96.005 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032317.D
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Tgt Ion: 74 Resp: 210643
 Ion Ratio Lower Upper
 74 100
 45 97.2 43.1 129.4

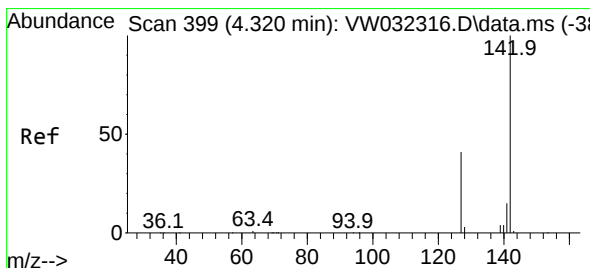
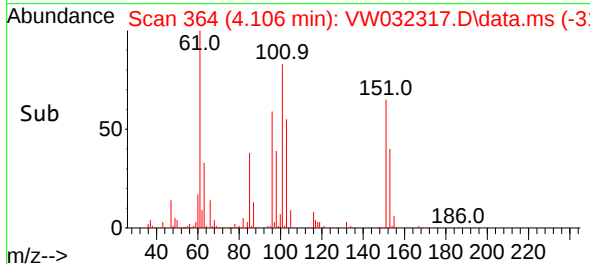
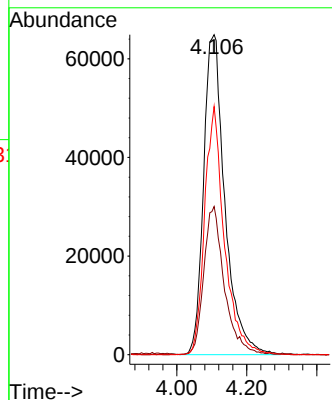
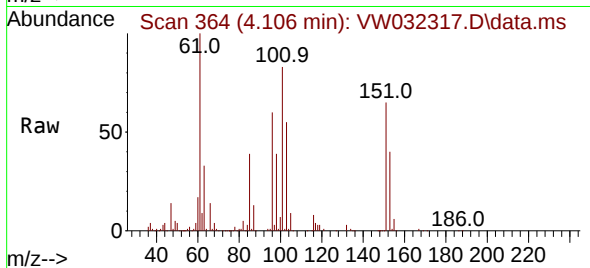




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.363 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

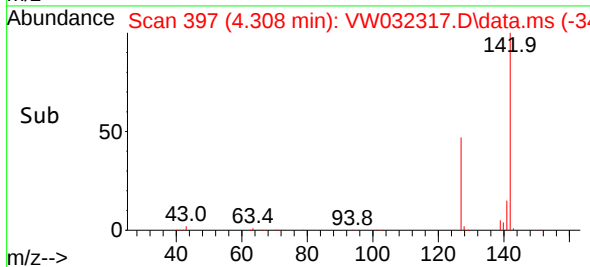
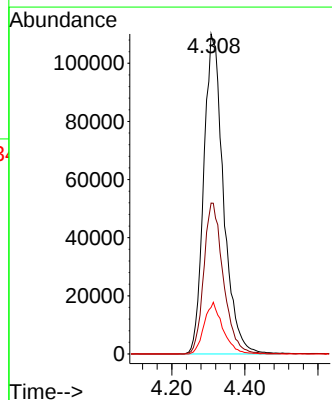
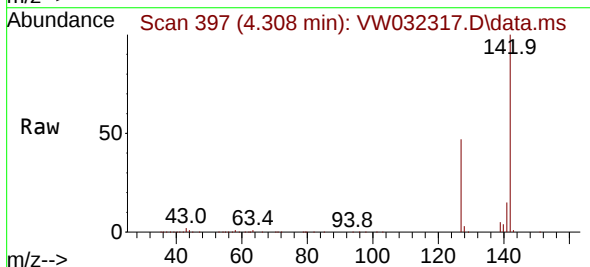
Instrument :
MSVOA_W
ClientSampleId :

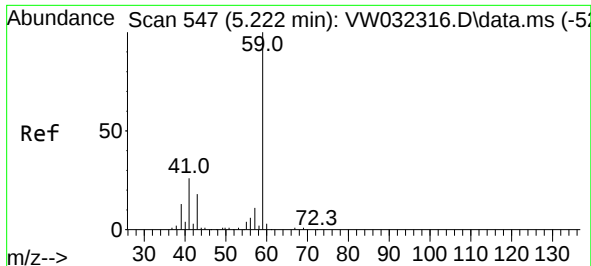
Tgt Ion:101 Resp: 274433
Ion Ratio Lower Upper
101 100
85 44.8 37.1 55.7
151 72.0 61.5 92.3



#10
Methyl Iodide
Concen: 95.030 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:142 Resp: 411793
Ion Ratio Lower Upper
142 100
127 46.9 38.2 57.2
141 15.3 12.2 18.2

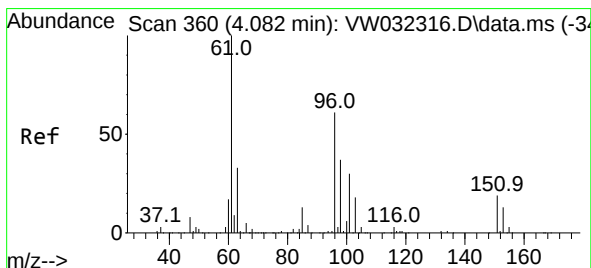
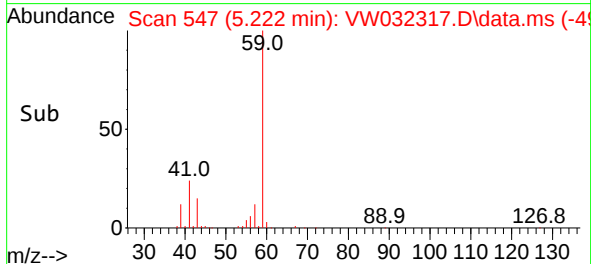
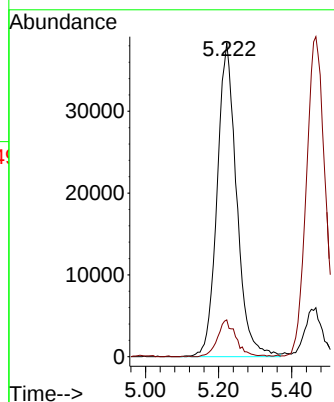
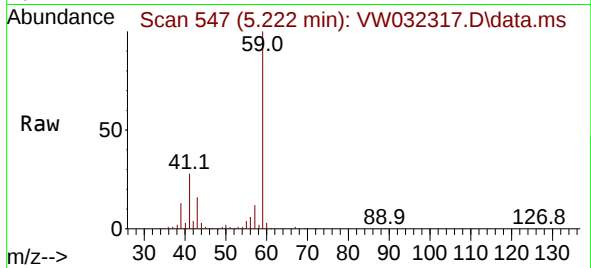




#11
Tert butyl alcohol
Concen: 440.862 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

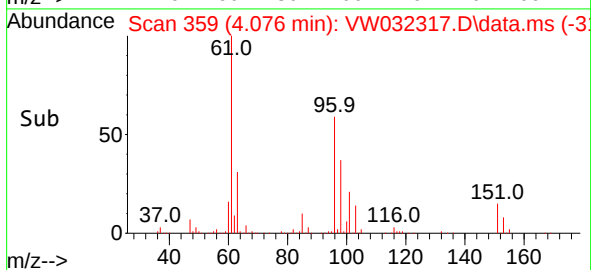
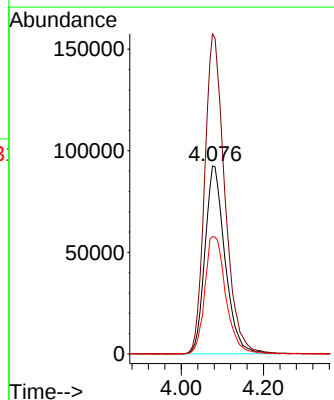
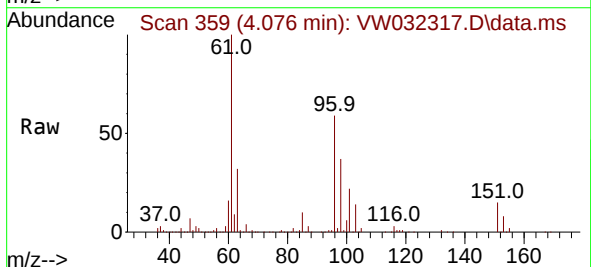
Instrument :
MSVOA_W
ClientSampleId :

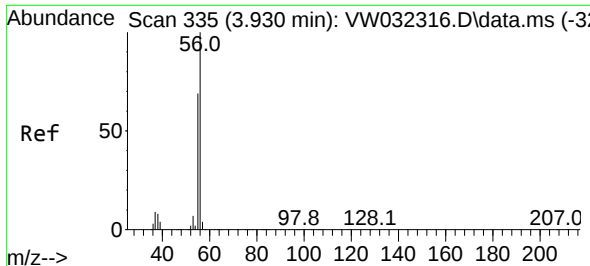
Tgt Ion: 59 Resp: 142390
Ion Ratio Lower Upper
59 100
57 11.0 9.8 14.6



#12
1,1-Dichloroethene
Concen: 94.761 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 96 Resp: 312434
Ion Ratio Lower Upper
96 100
61 170.2 123.0 184.4
98 62.5 48.5 72.7

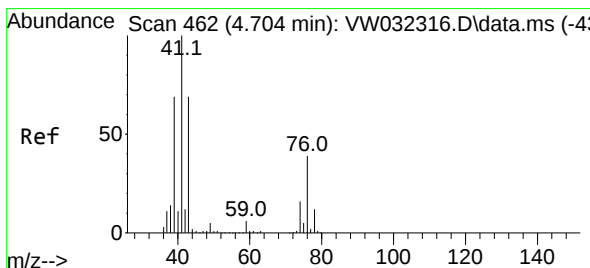
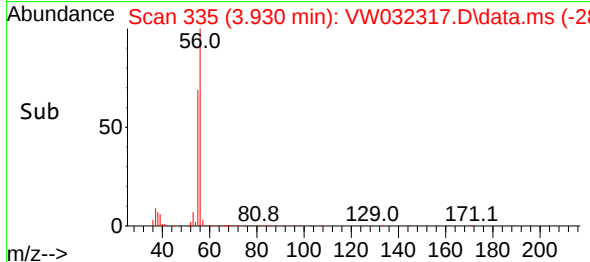
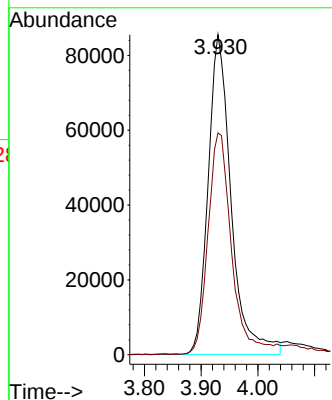
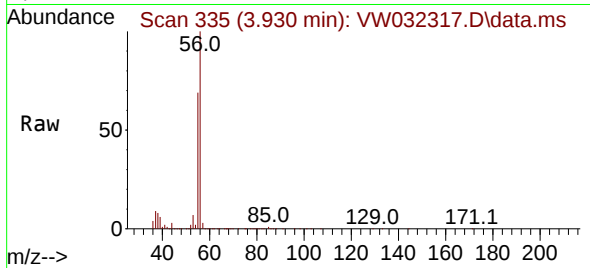




#13
Acrolein
Concen: 460.759 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

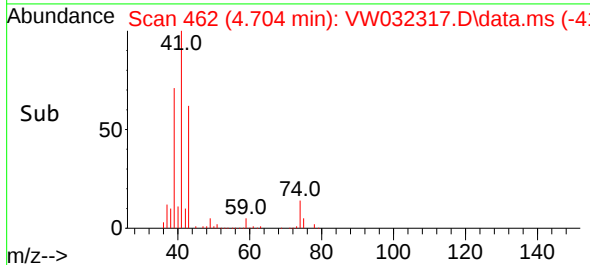
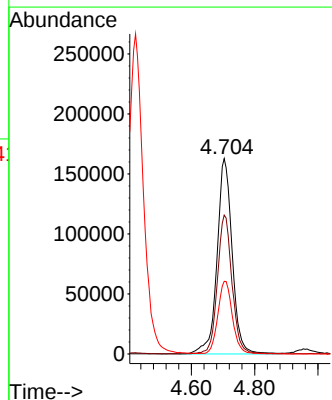
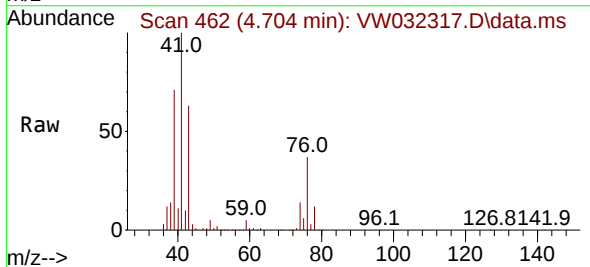
Instrument :
MSVOA_W
ClientSampleId :

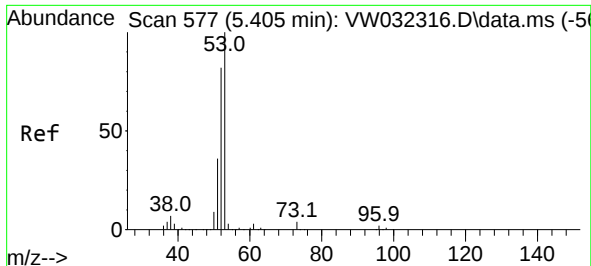
Tgt Ion: 56 Resp: 241522
Ion Ratio Lower Upper
56 100
55 70.4 56.4 84.6



#14
Allyl chloride
Concen: 96.720 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

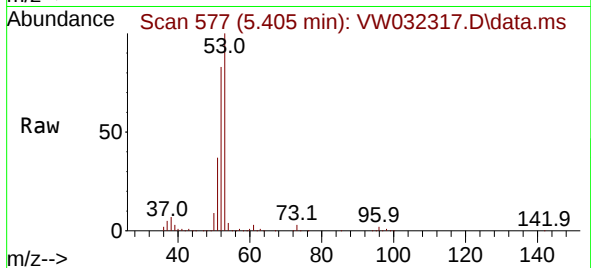
Tgt Ion: 41 Resp: 538624
Ion Ratio Lower Upper
41 100
39 68.5 64.1 96.1
76 35.5 31.4 47.2



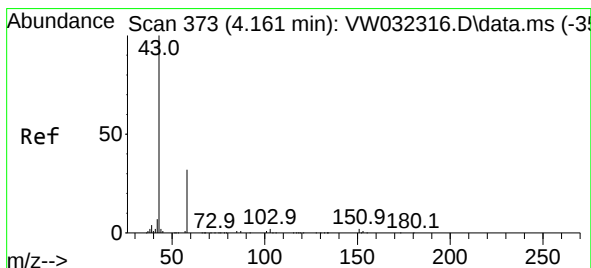
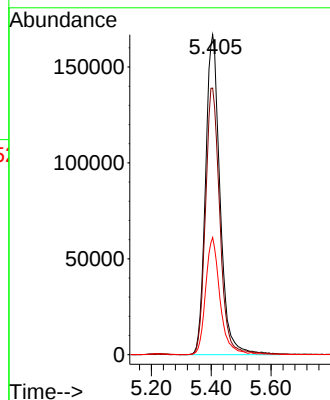
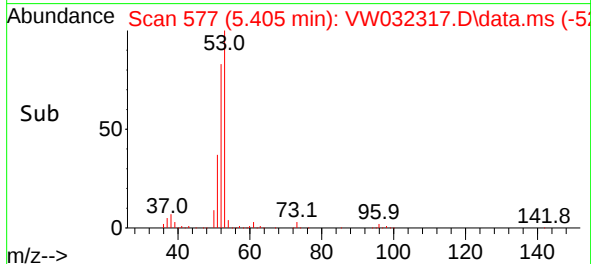


#15
Acrylonitrile
Concen: 491.730 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :

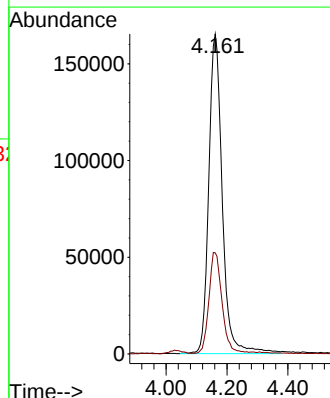
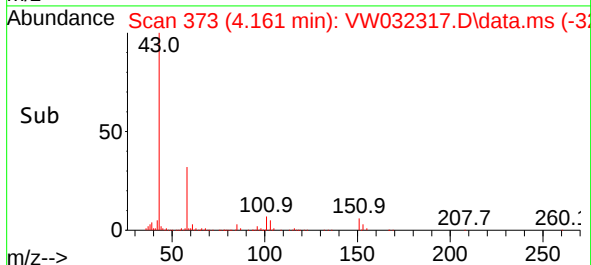
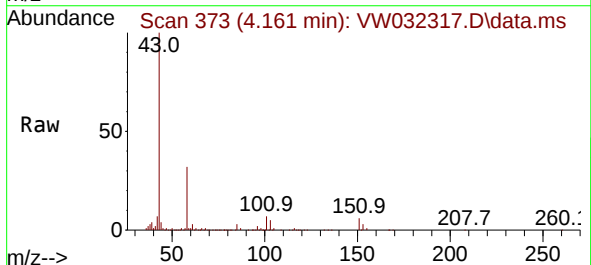


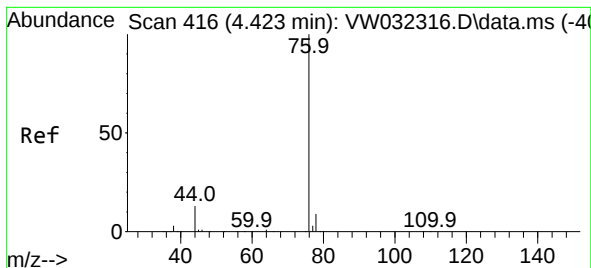
Tgt Ion: 53 Resp: 561280
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.2
51 36.3 30.3 45.5



#16
Acetone
Concen: 430.455 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 43 Resp: 508582
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#17

Carbon Disulfide

Concen: 98.660 ug/l

RT: 4.423 min Scan# 416

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

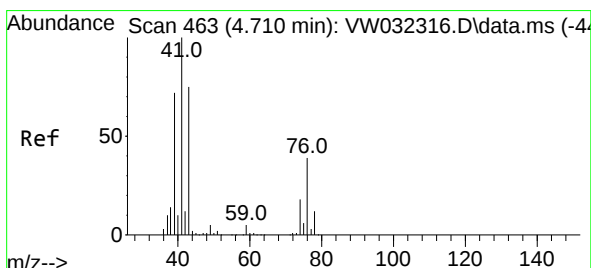
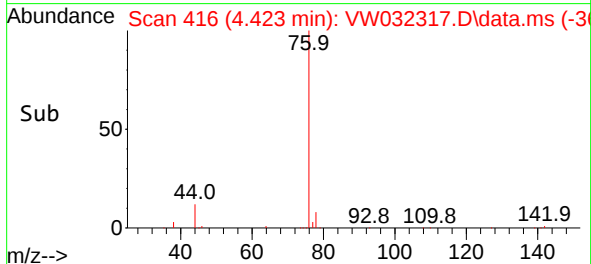
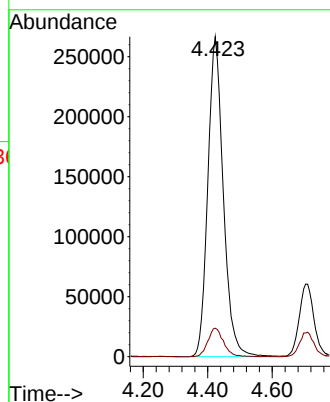
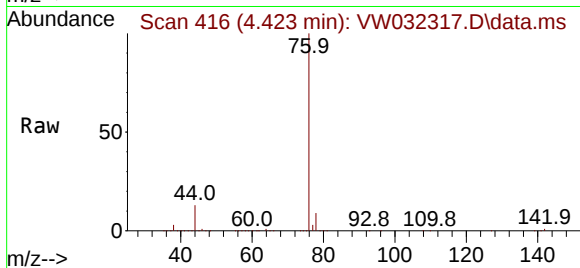
ClientSampleId :

Tgt Ion: 76 Resp: 887546

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 98.033 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW032317.D

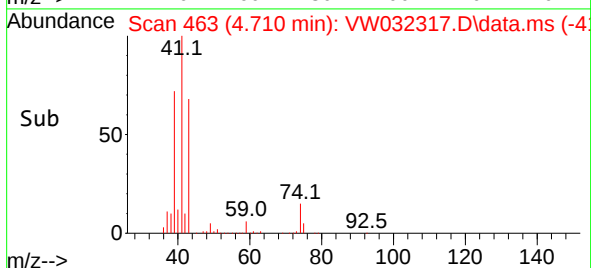
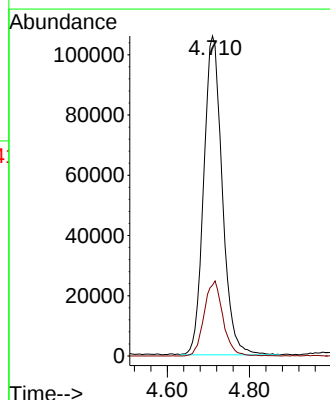
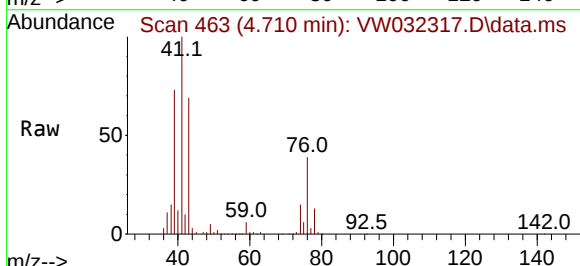
Acq: 01 Oct 2025 14:59

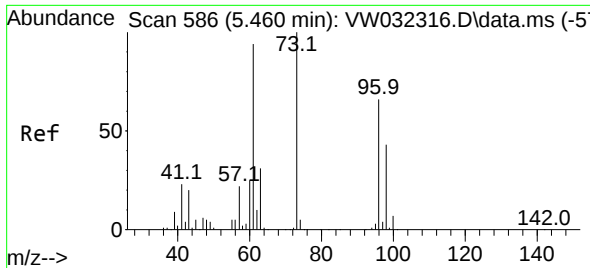
Tgt Ion: 43 Resp: 331793

Ion Ratio Lower Upper

43 100

74 23.7 20.2 30.4

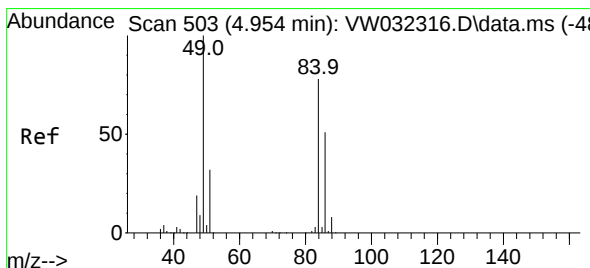
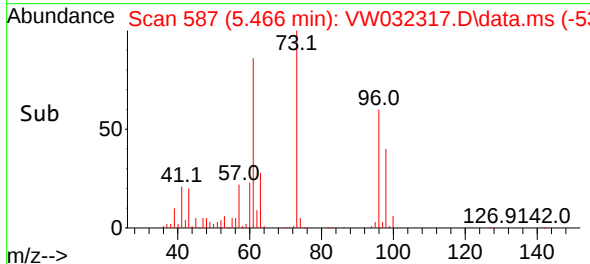
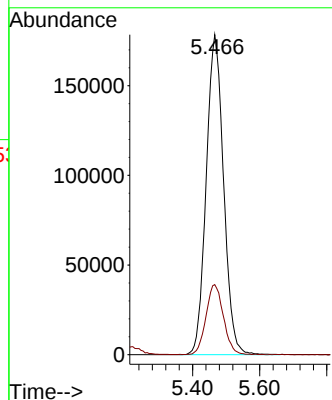
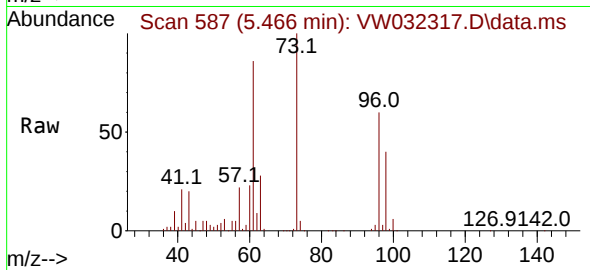




#19
Methyl tert-butyl Ether
Concen: 98.544 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

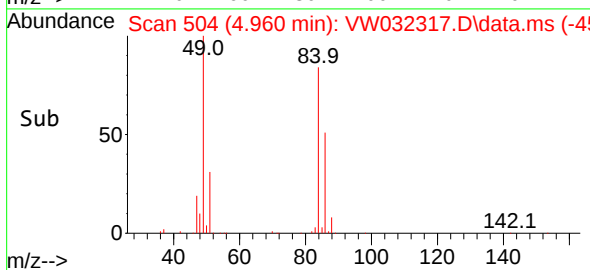
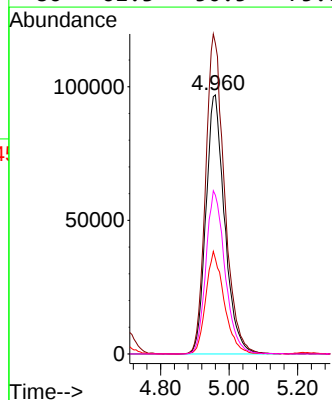
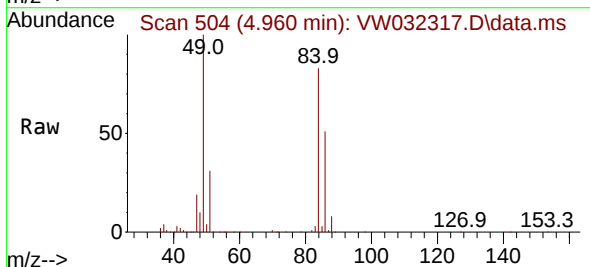
Instrument :
MSVOA_W
ClientSampleId :

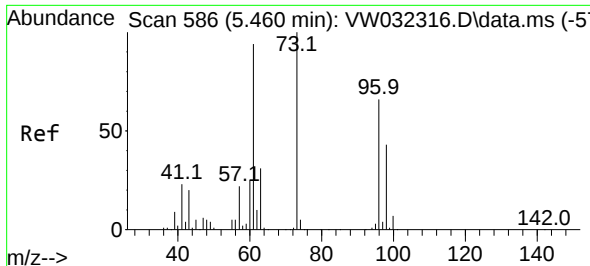
Tgt Ion: 73 Resp: 639931
Ion Ratio Lower Upper
73 100
57 21.9 16.2 24.4



#20
Methylene Chloride
Concen: 99.471 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 84 Resp: 368359
Ion Ratio Lower Upper
84 100
49 119.8 92.2 138.4
51 36.6 31.0 46.6
86 61.3 50.5 75.7

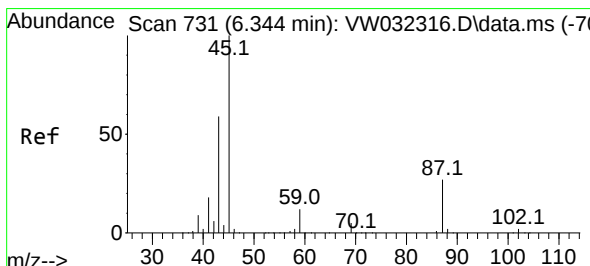
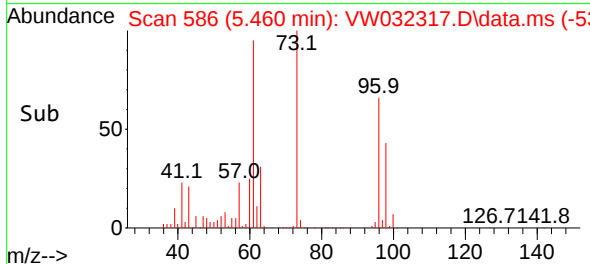
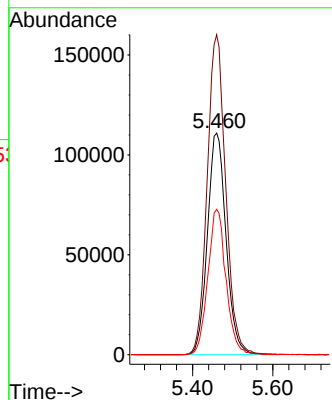
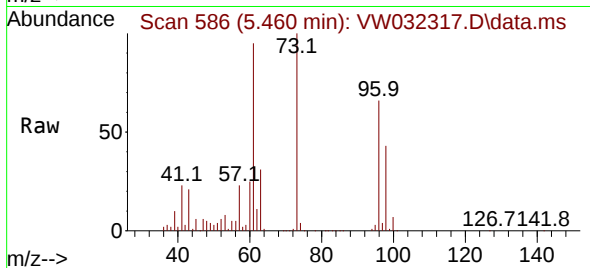




#21
trans-1,2-Dichloroethene
Concen: 98.197 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

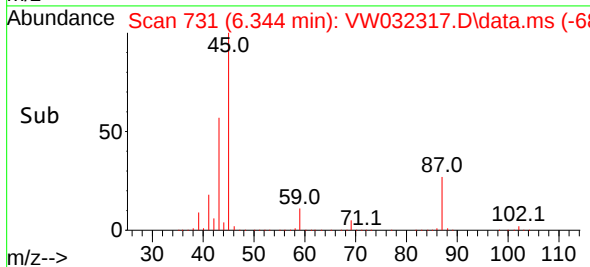
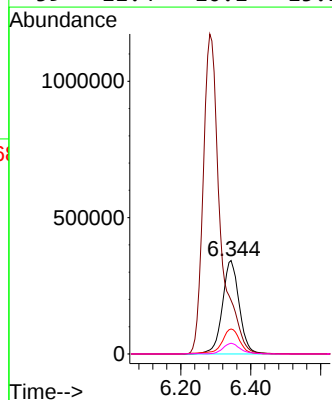
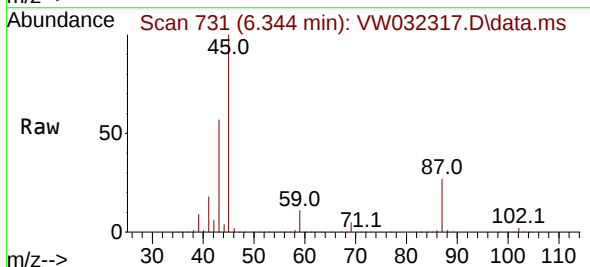
Instrument :
MSVOA_W
ClientSampleId :

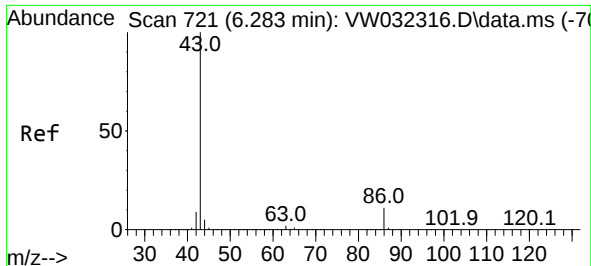
Tgt Ion: 96 Resp: 358450
Ion Ratio Lower Upper
96 100
61 144.4 112.5 168.7
98 65.6 54.2 81.4



#22
Diisopropyl ether
Concen: 98.558 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 45 Resp: 1141459
Ion Ratio Lower Upper
45 100
43 57.4 51.4 77.2
87 26.7 25.9 38.9
59 11.4 10.1 15.1

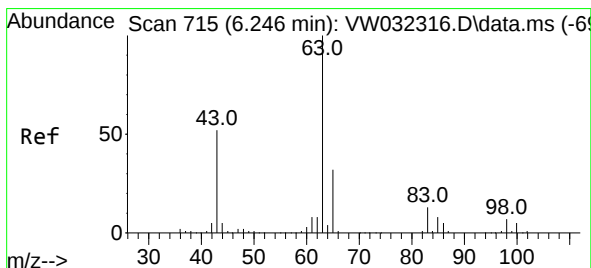
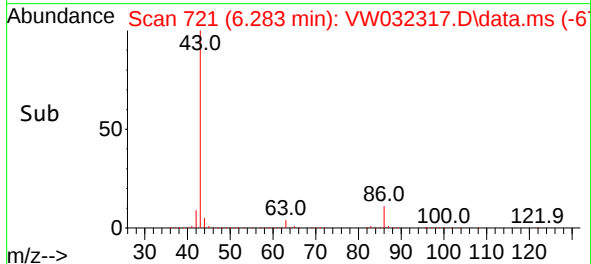
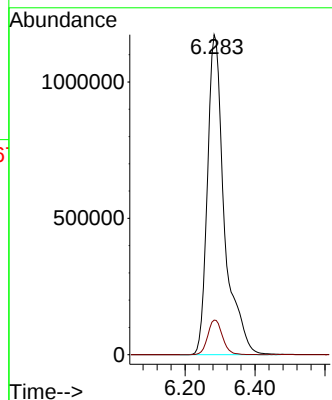
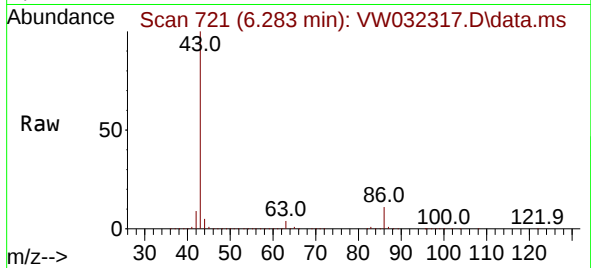




#23
 Vinyl Acetate
 Concen: 510.205 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

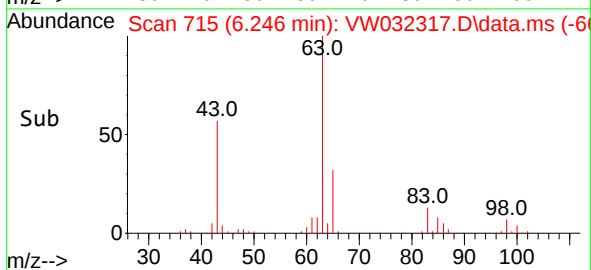
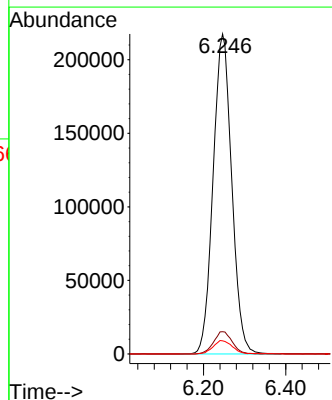
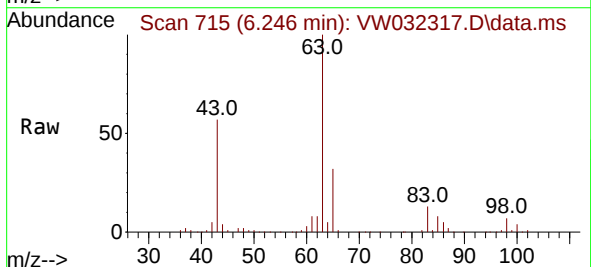
Instrument :
 MSVOA_W
 ClientSampleId :

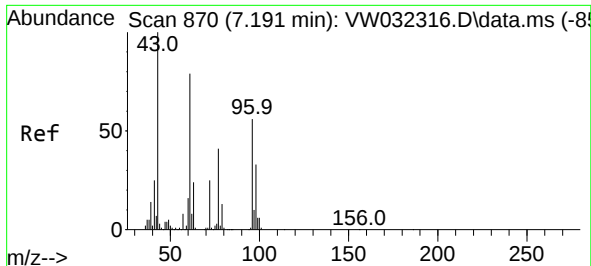
Tgt Ion: 43 Resp: 3946823
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 97.173 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

Tgt Ion: 63 Resp: 683736
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.1 2.5 7.5

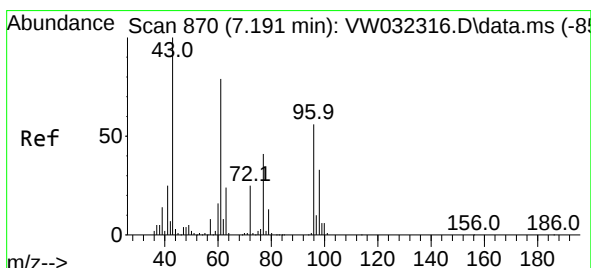
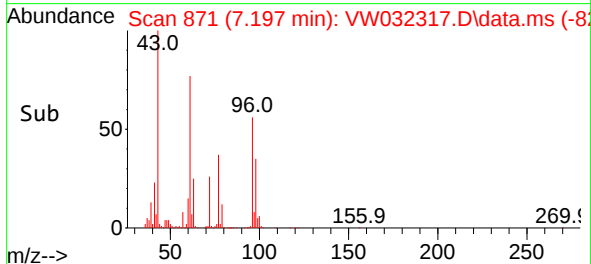
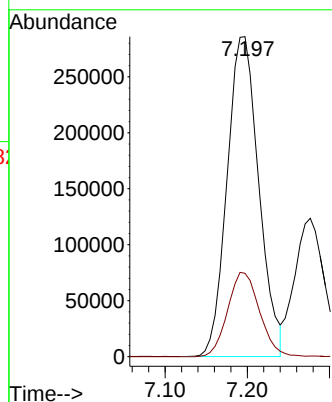
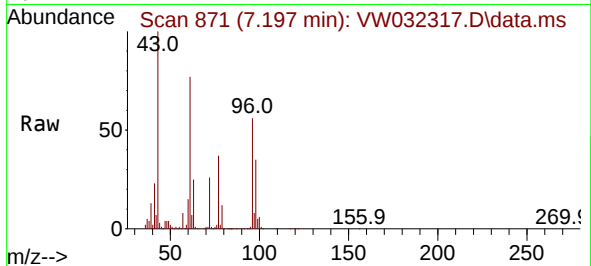




#25
2-Butanone
Concen: 476.718 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

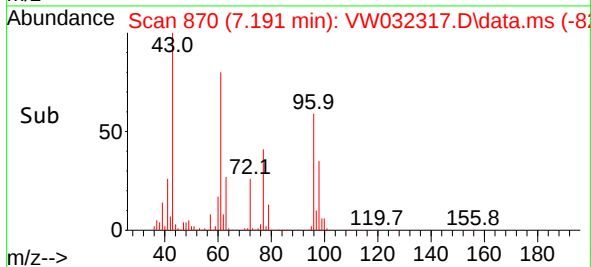
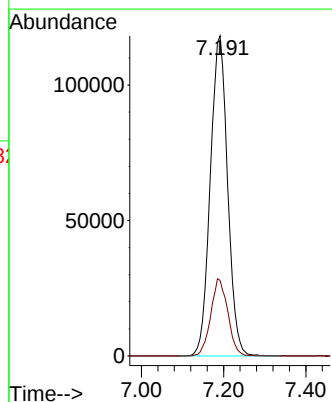
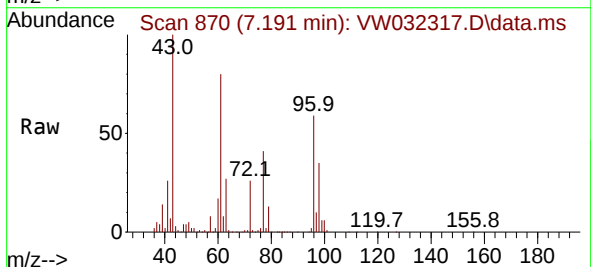
Instrument :
MSVOA_W
ClientSampleId :

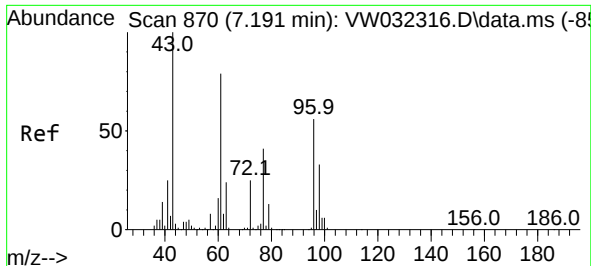
Tgt Ion: 43 Resp: 767105
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 95.948 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 77 Resp: 345332
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5



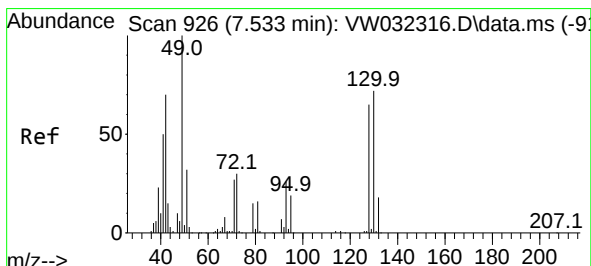
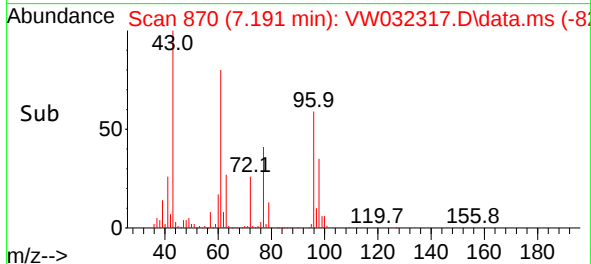
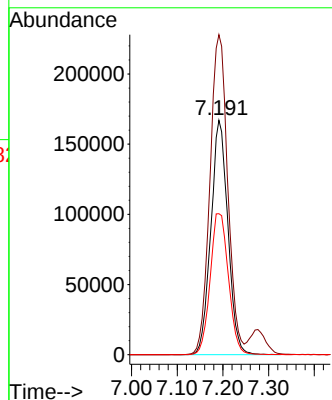
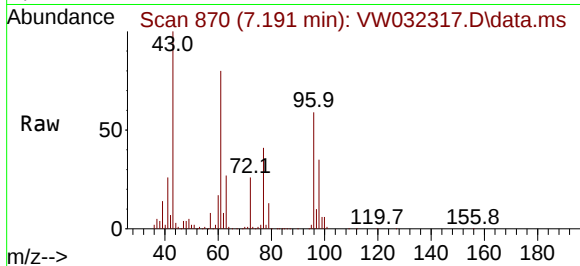


#27
 cis-1,2-Dichloroethene
 Concen: 98.767 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 433121

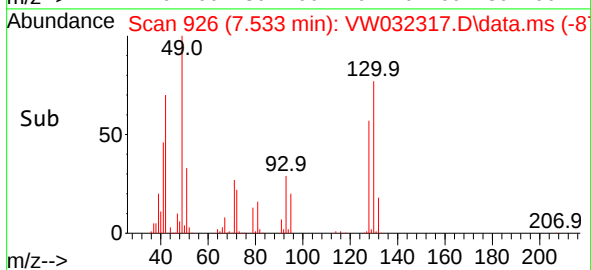
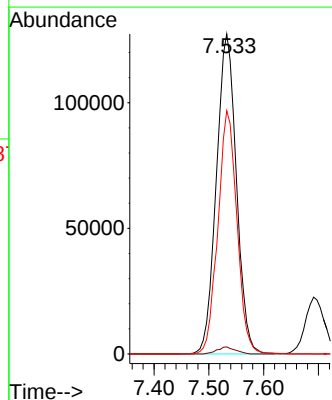
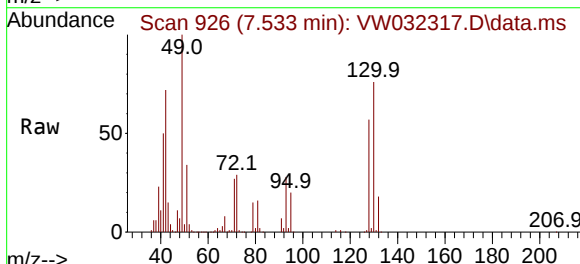
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	268.0
98	64.4	0.0	130.8

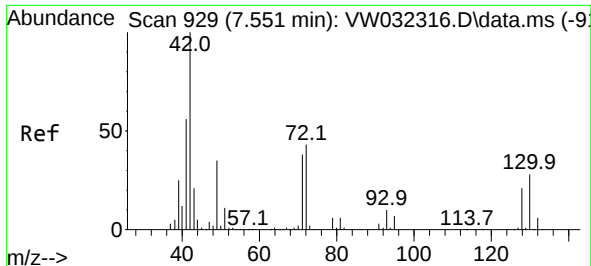


#28
 Bromochloromethane
 Concen: 97.732 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

Tgt Ion: 49 Resp: 323538

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	72.2	67.5	101.3





#29

Tetrahydrofuran

Concen: 493.149 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

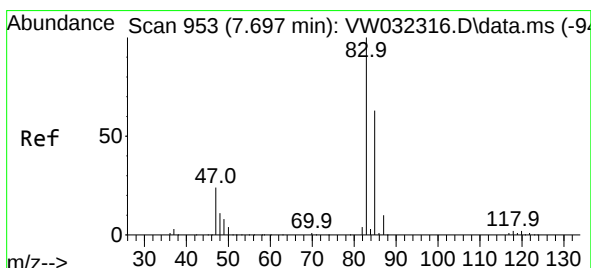
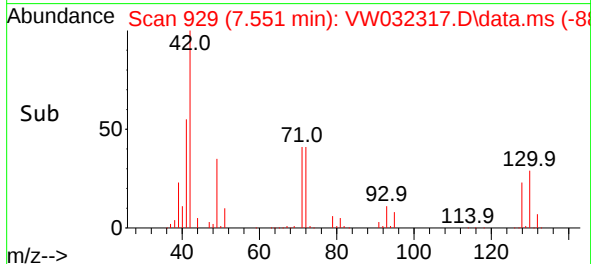
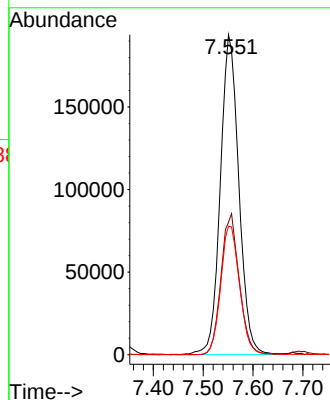
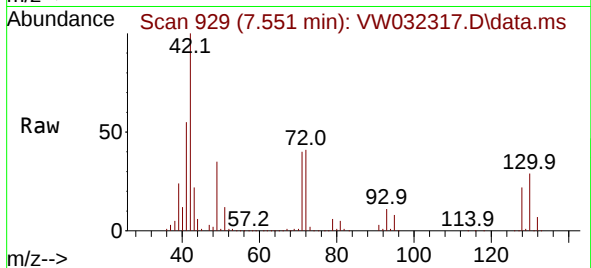
Tgt Ion: 42 Resp: 499036

Ion Ratio Lower Upper

42 100

72 43.4 37.4 56.2

71 41.1 36.0 54.0



#30

Chloroform

Concen: 97.676 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032317.D

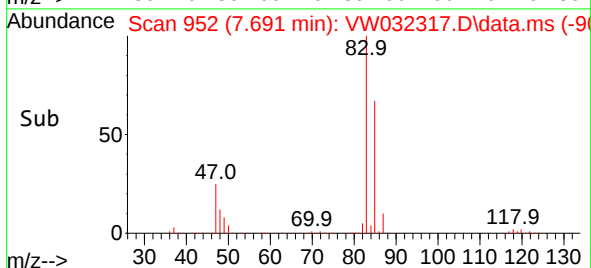
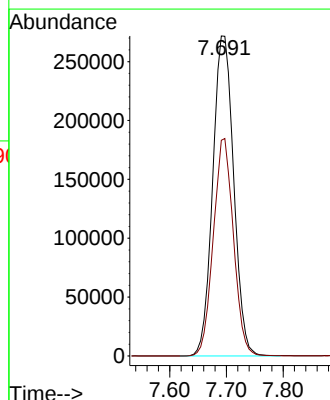
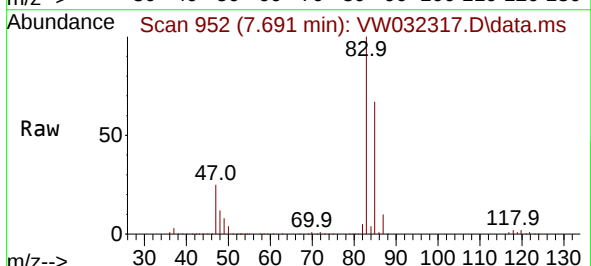
Acq: 01 Oct 2025 14:59

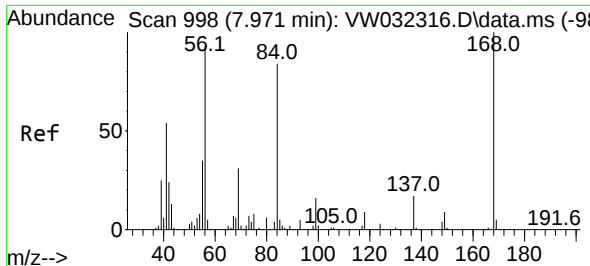
Tgt Ion: 83 Resp: 697012

Ion Ratio Lower Upper

83 100

85 67.4 51.2 76.8

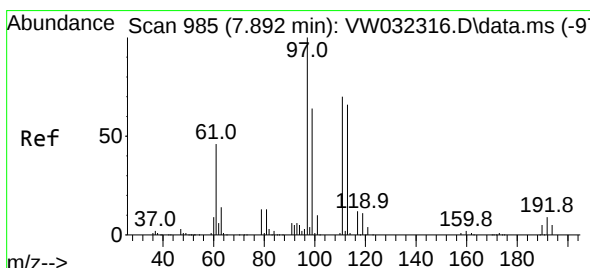
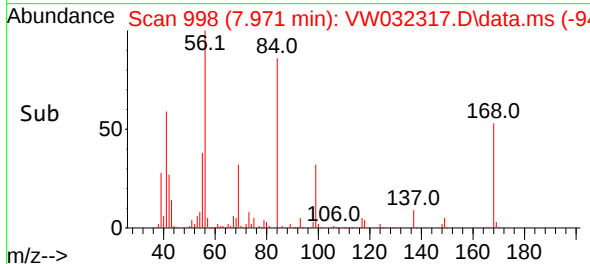
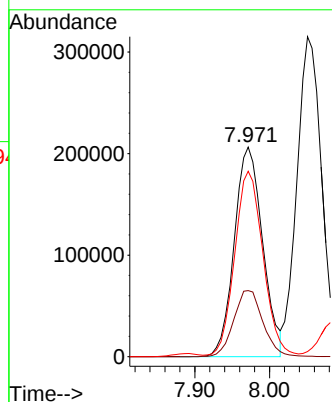
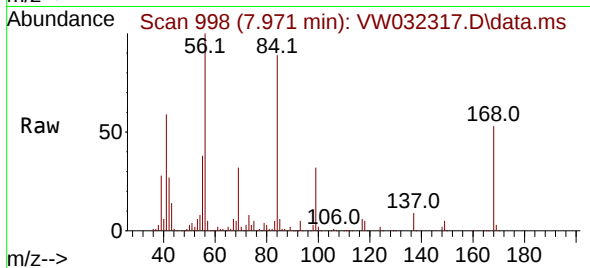




#31
Cyclohexane
Concen: 90.699 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

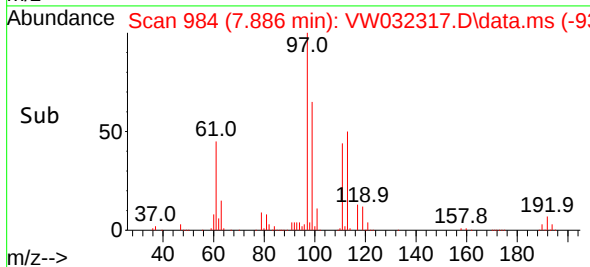
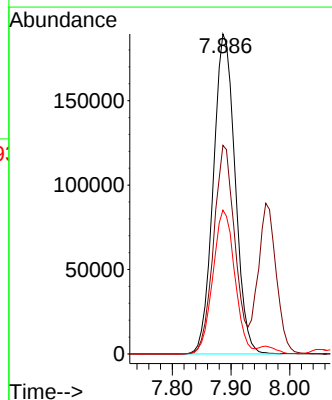
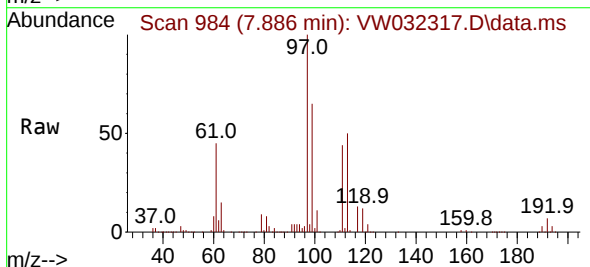
Instrument :
MSVOA_W
ClientSampleId :

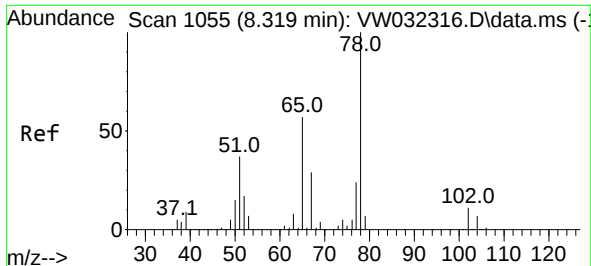
Tgt Ion: 56 Resp: 544824
Ion Ratio Lower Upper
56 100
69 31.6 27.7 41.5
84 87.2 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 96.637 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 97 Resp: 488662
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 45.2 36.2 54.4

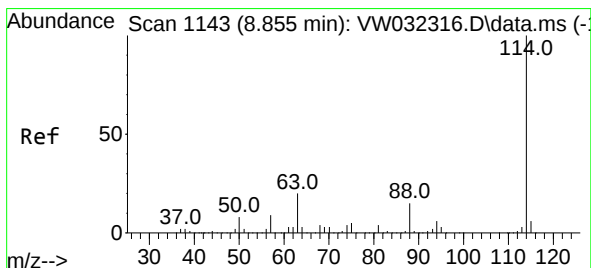
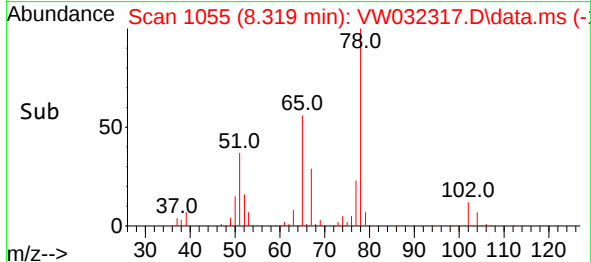
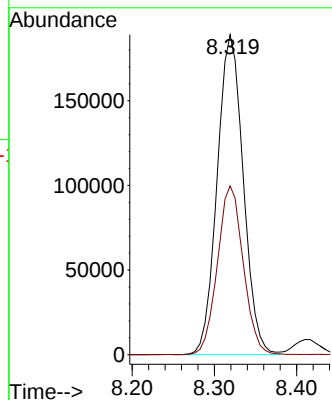
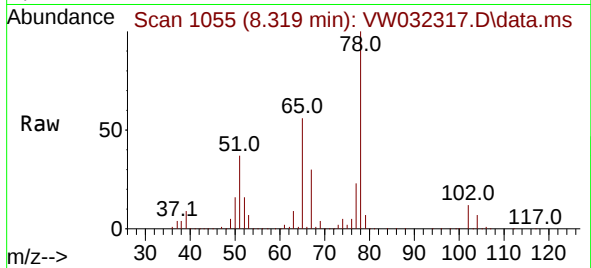




#33
 1,2-Dichloroethane-d4
 Concen: 97.841 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

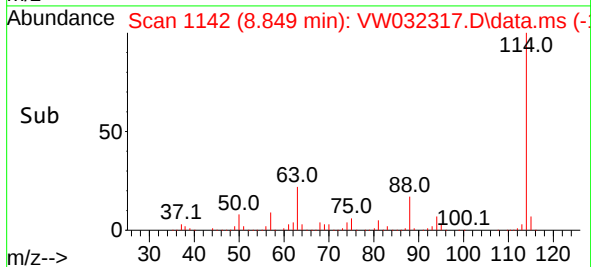
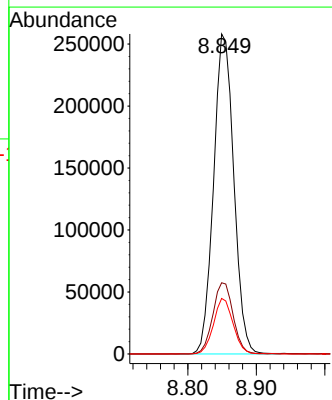
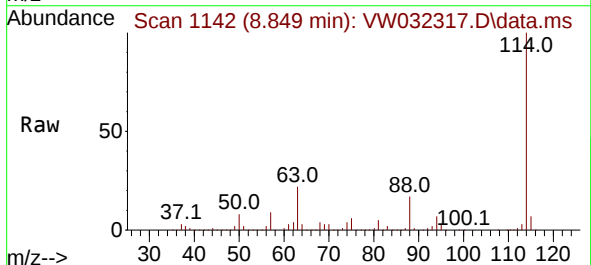
Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 65 Resp: 417484
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

Tgt Ion: 114 Resp: 528901
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 40.4
 88 17.4 0.0 32.0

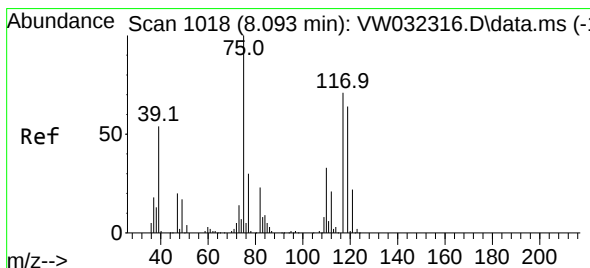
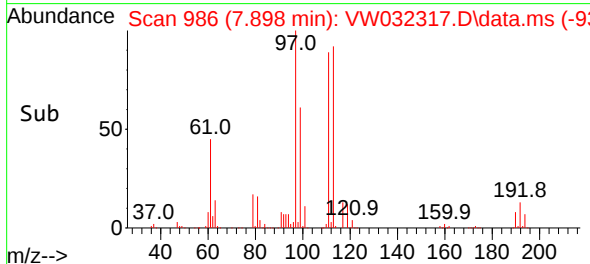
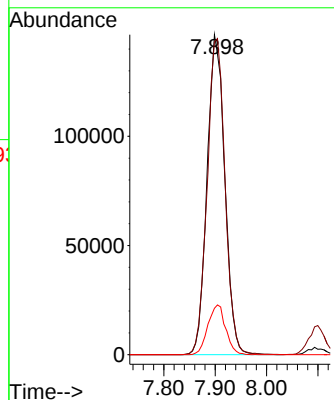
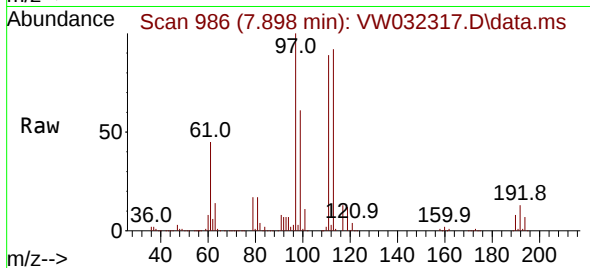




#35
 Dibromofluoromethane
 Concen: 102.349 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

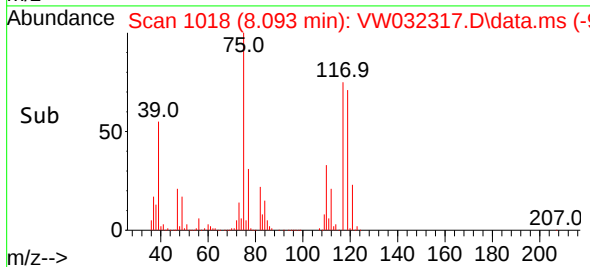
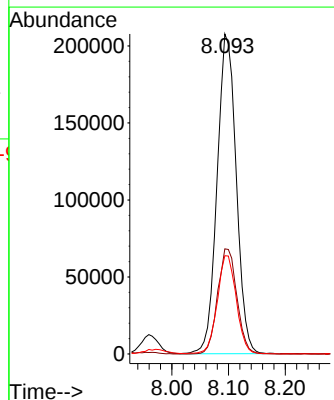
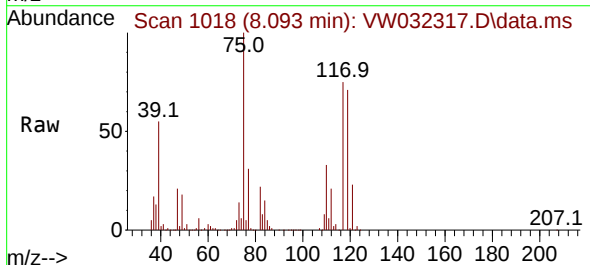
Instrument :
 MSVOA_W
 ClientSampleId :

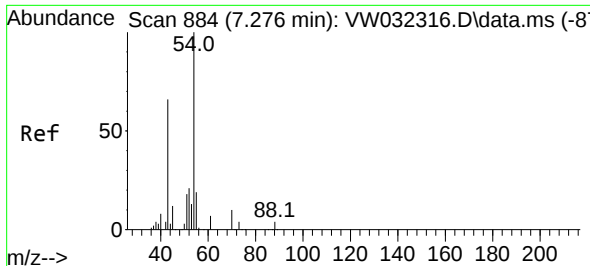
Tgt Ion:113 Resp: 350567
 Ion Ratio Lower Upper
 113 100
 111 100.1 83.9 125.9
 192 15.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 100.644 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

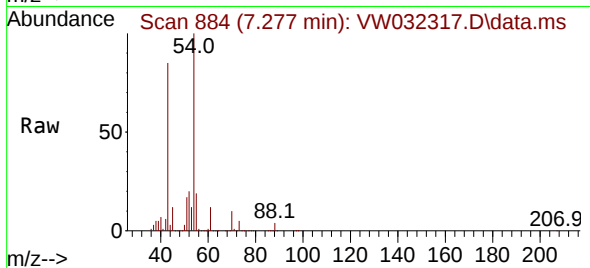
Tgt Ion: 75 Resp: 486510
 Ion Ratio Lower Upper
 75 100
 110 33.1 17.5 52.5
 77 30.7 24.1 36.1





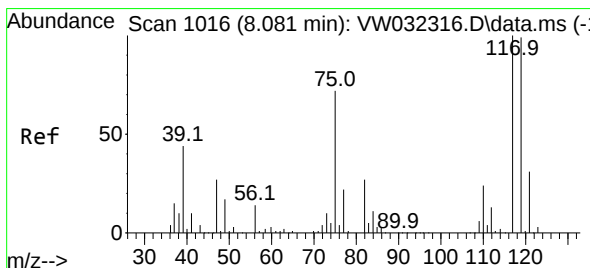
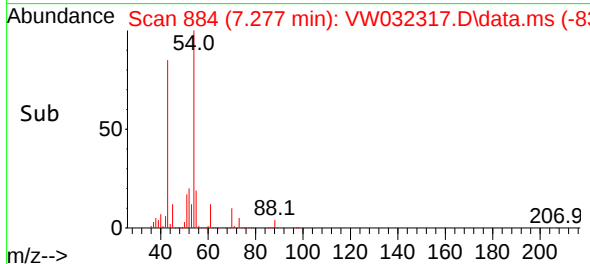
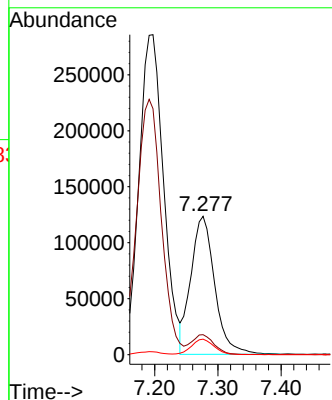
#37
Ethyl Acetate
Concen: 100.344 ug/l
RT: 7.277 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 322862

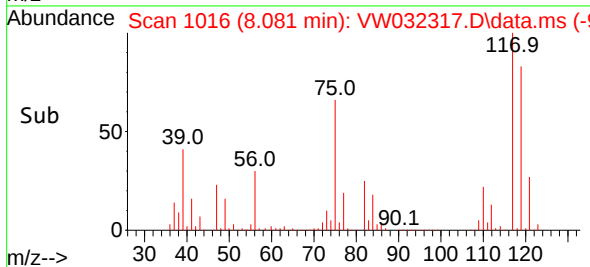
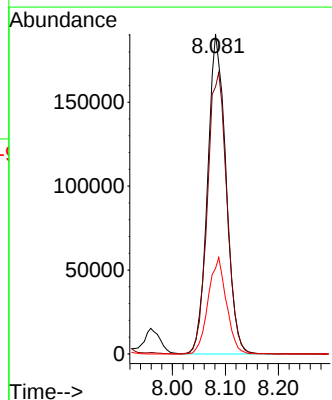
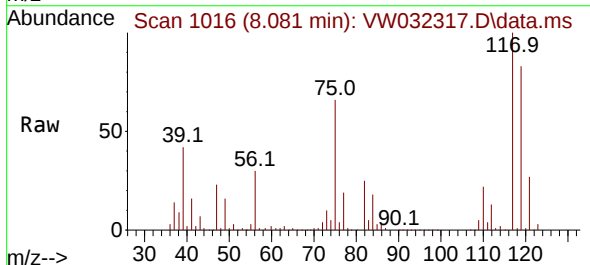
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.4	8.9	13.3

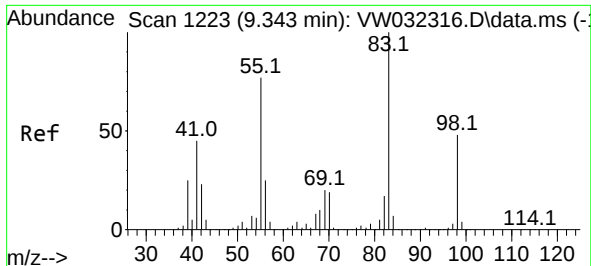


#38
Carbon Tetrachloride
Concen: 100.845 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 117 Resp: 458732

Ion	Ratio	Lower	Upper
117	100		
119	83.5	74.2	111.2
121	26.8	25.6	38.4





#39

Methylcyclohexane

Concen: 103.099 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

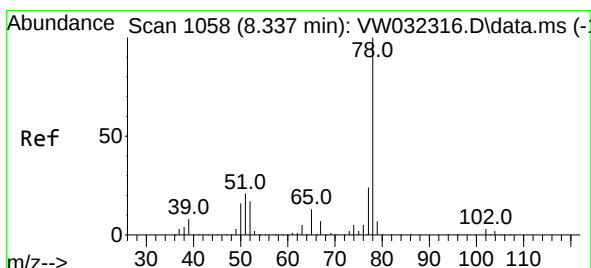
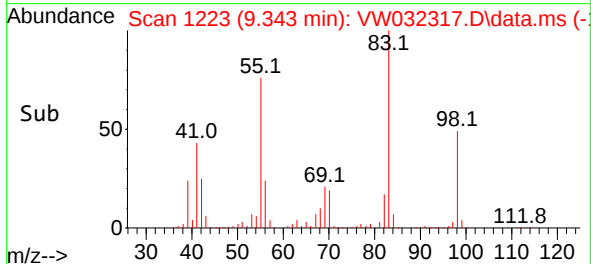
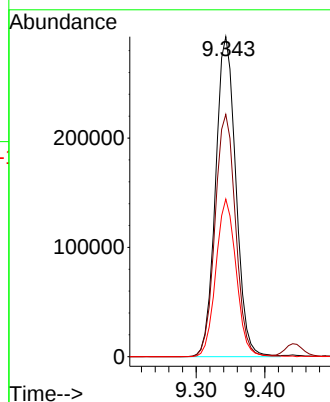
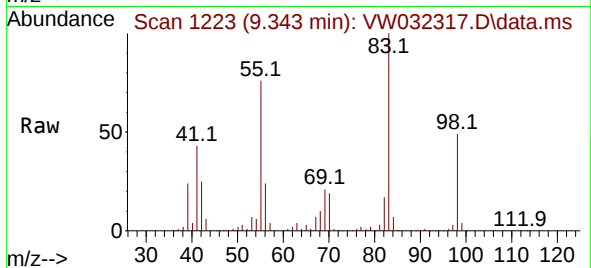
Tgt Ion: 83 Resp: 601153

Ion Ratio Lower Upper

83 100

55 75.7 58.4 87.6

98 49.3 39.4 59.2



#40

Benzene

Concen: 99.416 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032317.D

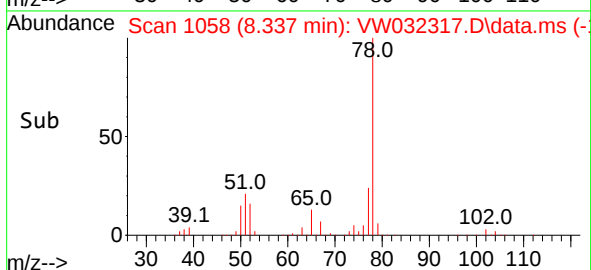
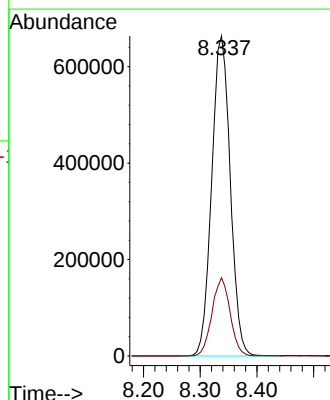
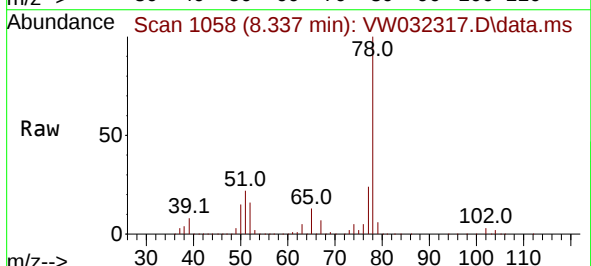
Acq: 01 Oct 2025 14:59

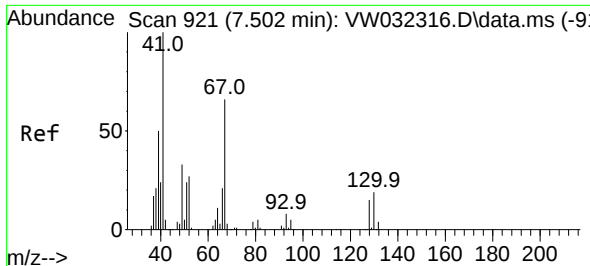
Tgt Ion: 78 Resp: 1506339

Ion Ratio Lower Upper

78 100

77 24.4 20.7 31.1



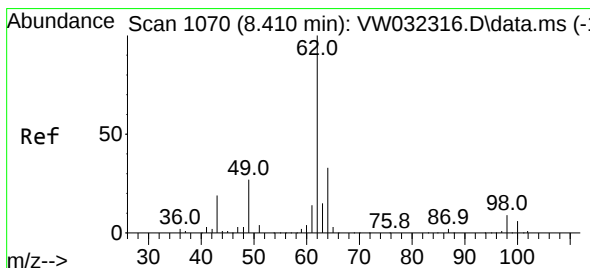
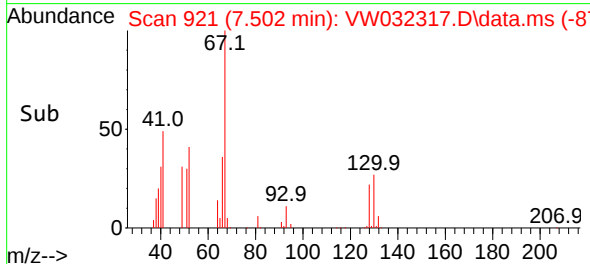
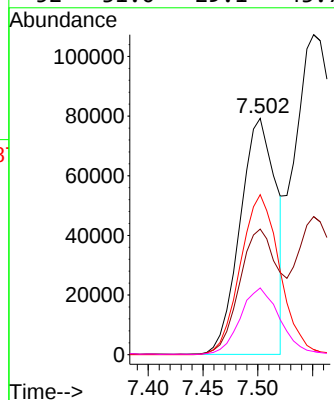
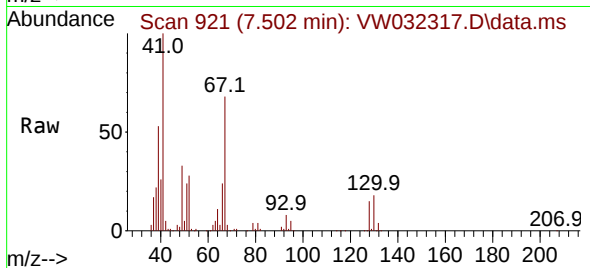


#41
Methacrylonitrile
Concen: 104.404 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 41 Resp: 181036

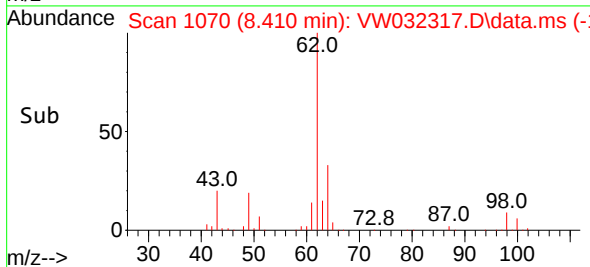
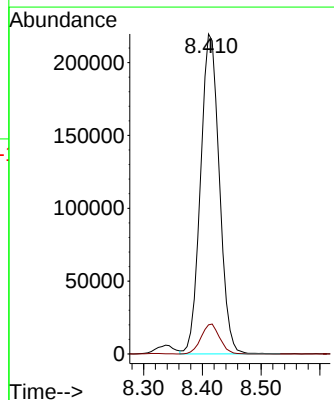
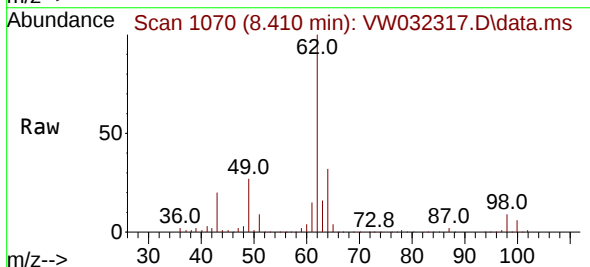
Ion	Ratio	Lower	Upper
41	100		
39	59.2	50.9	76.3
67	74.5	65.6	98.4
52	31.0	29.1	43.7

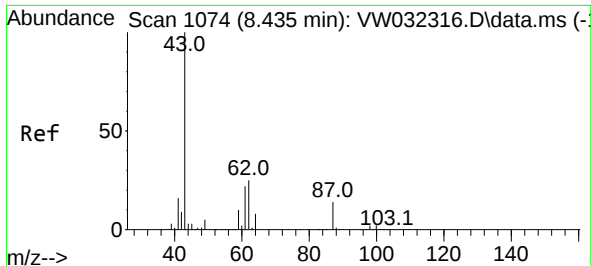


#42
1,2-Dichloroethane
Concen: 98.363 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 62 Resp: 487667

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

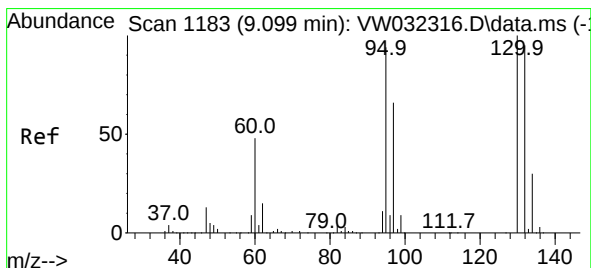
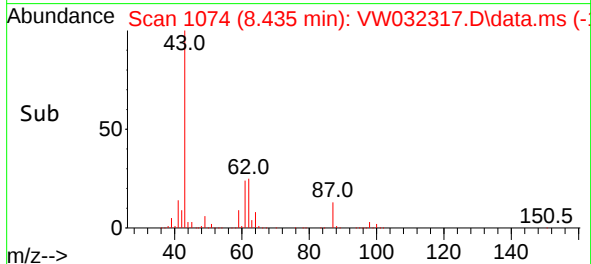
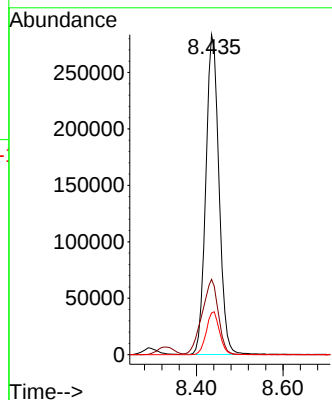
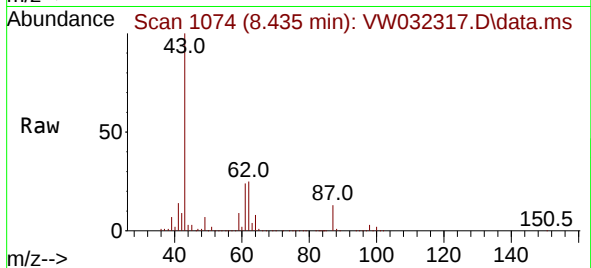




#43
Isopropyl Acetate
Concen: 104.746 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

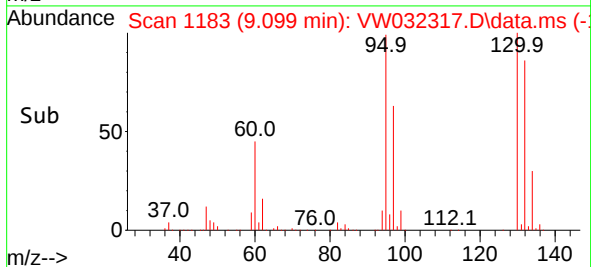
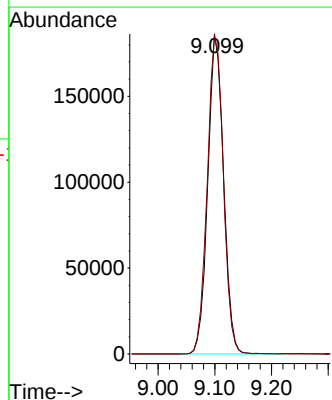
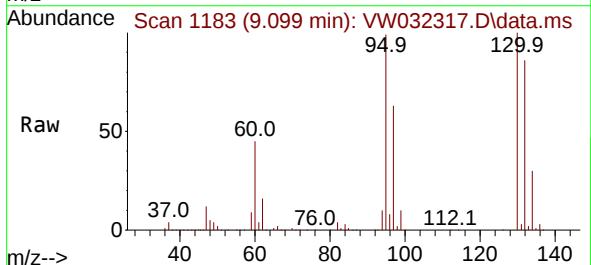
Instrument :
MSVOA_W
ClientSampleId :

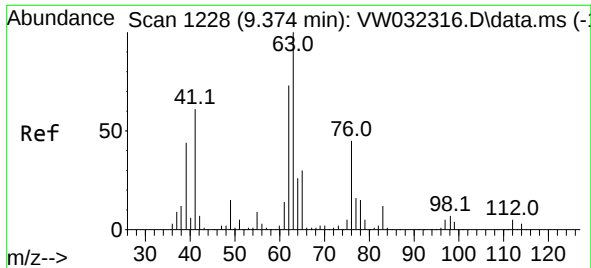
Tgt Ion: 43 Resp: 597878
Ion Ratio Lower Upper
43 100
61 29.0 23.3 34.9
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 101.217 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:130 Resp: 359102
Ion Ratio Lower Upper
130 100
95 99.5 0.0 220.0

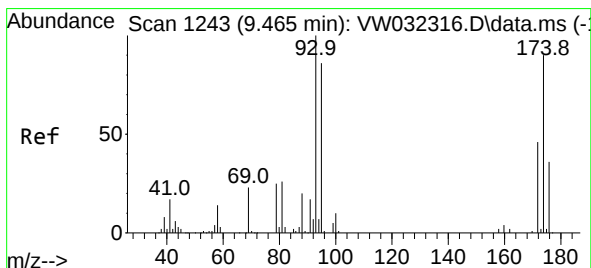
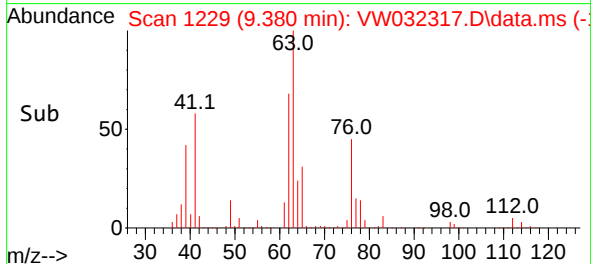
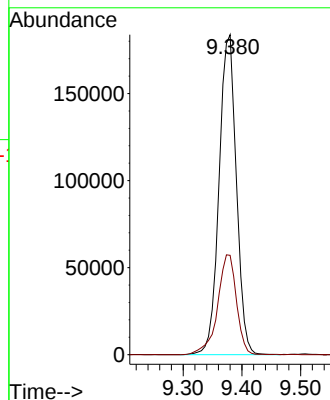
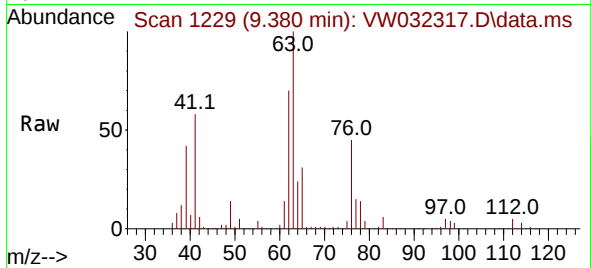




#45
1,2-Dichloropropane
Concen: 99.234 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

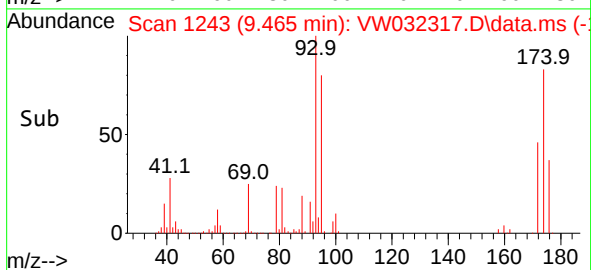
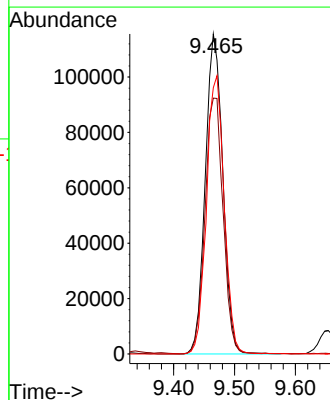
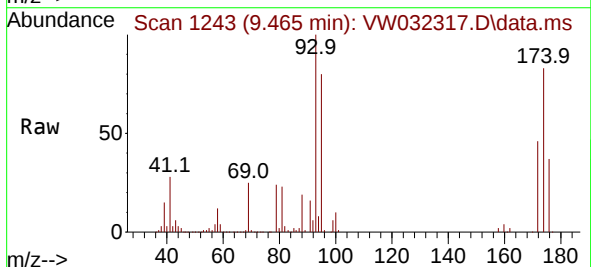
Instrument :
MSVOA_W
ClientSampleId :

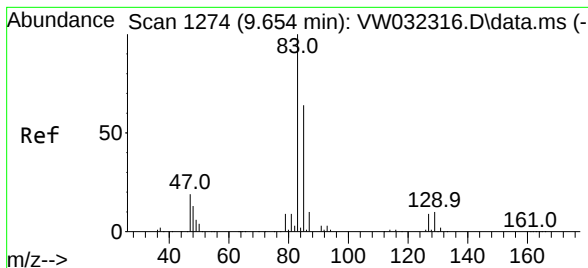
Tgt Ion: 63 Resp: 375302
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5



#46
Dibromomethane
Concen: 99.495 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 93 Resp: 231385
Ion Ratio Lower Upper
93 100
95 82.6 67.4 101.2
174 87.8 75.7 113.5





#47

Bromodichloromethane

Concen: 102.055 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

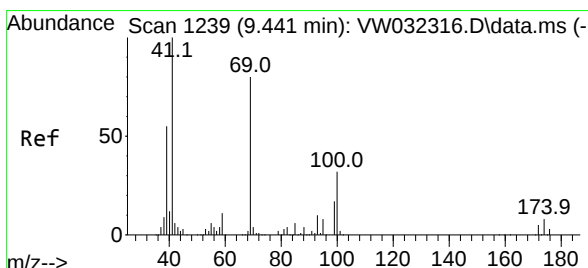
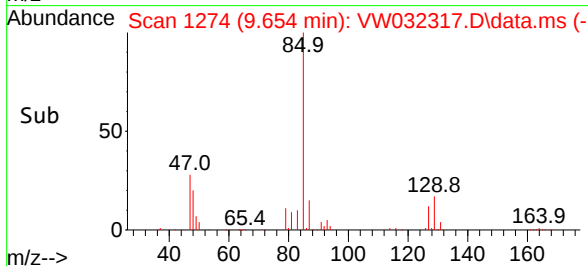
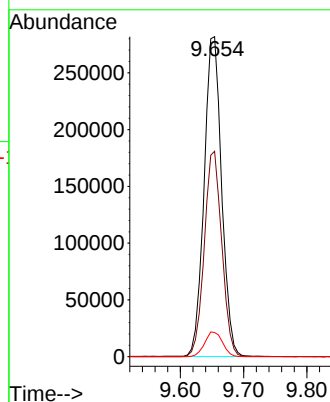
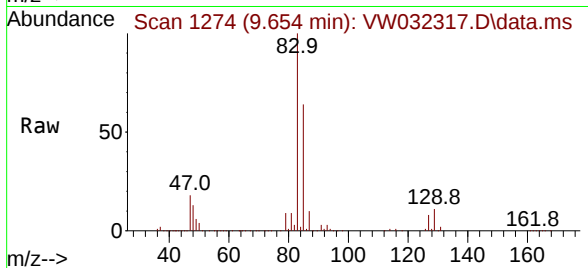
Tgt Ion: 83 Resp: 542848

Ion Ratio Lower Upper

83 100

85 64.2 48.7 73.1

127 7.6 6.4 9.6



#48

Methyl methacrylate

Concen: 105.789 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

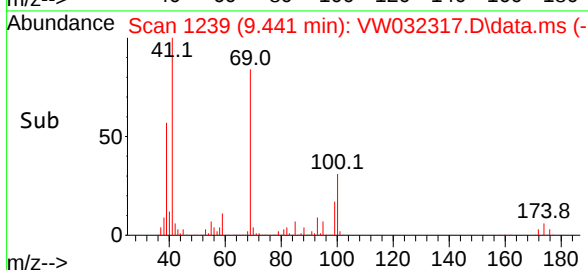
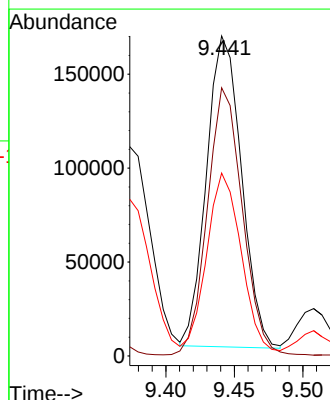
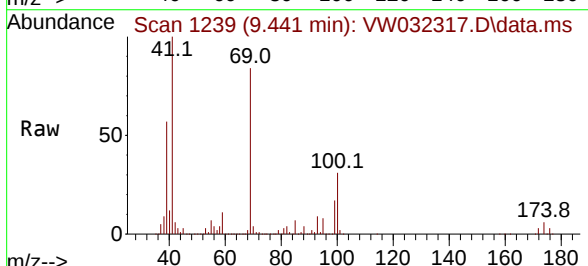
Tgt Ion: 41 Resp: 293582

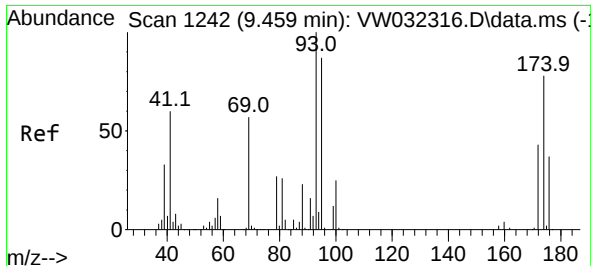
Ion Ratio Lower Upper

41 100

69 87.0 71.5 107.3

39 55.3 55.9 83.9#





#49

1,4-Dioxane

Concen: 2105.342 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

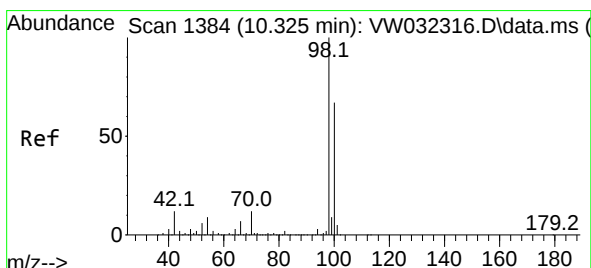
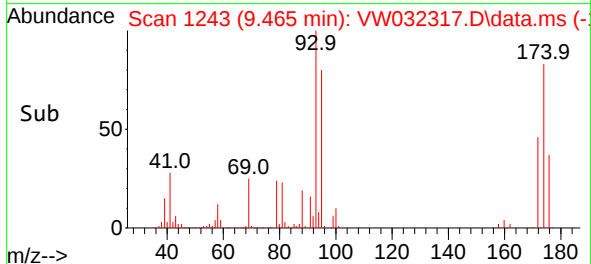
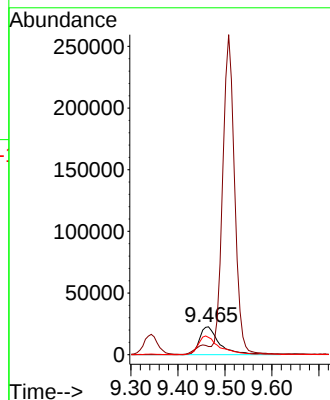
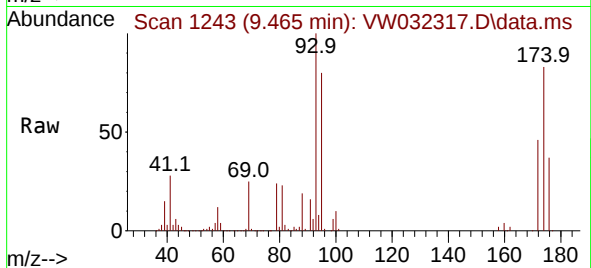
Tgt Ion: 88 Resp: 66922

Ion Ratio Lower Upper

88 100

43 22.4 18.0 27.0

58 71.0 55.4 83.0



#50

Toluene-d8

Concen: 102.965 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032317.D

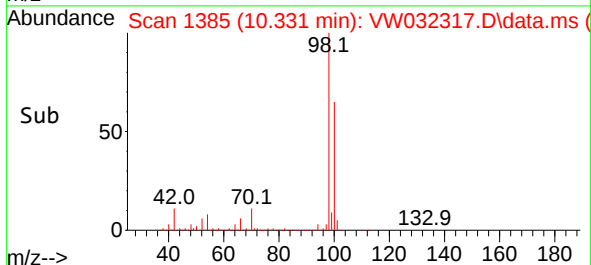
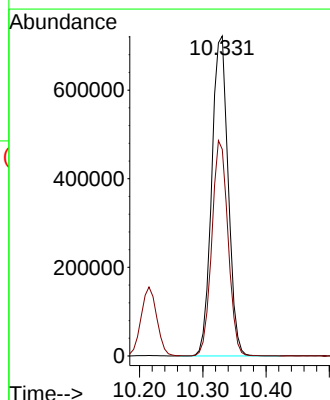
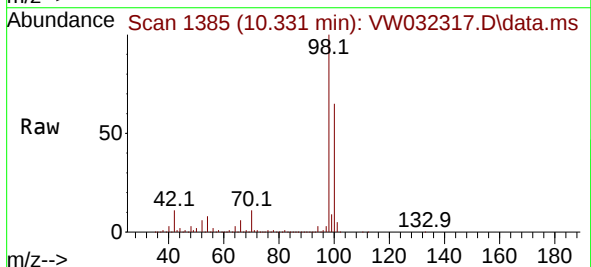
Acq: 01 Oct 2025 14:59

Tgt Ion: 98 Resp: 1301655

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.2

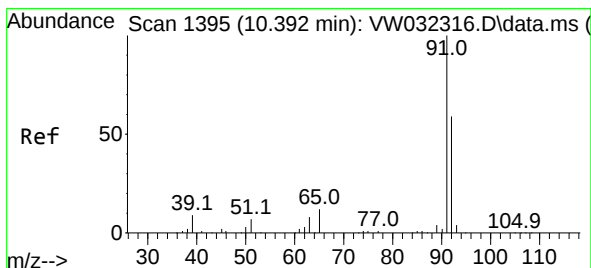
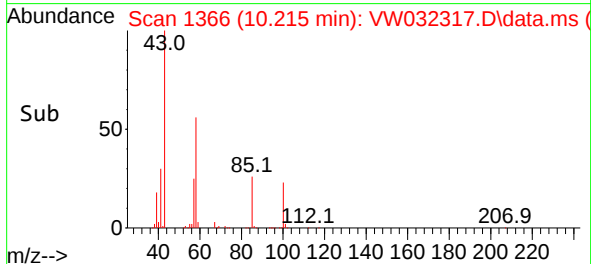
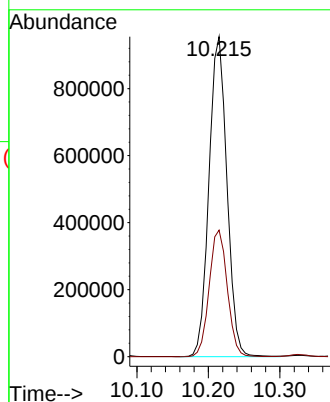
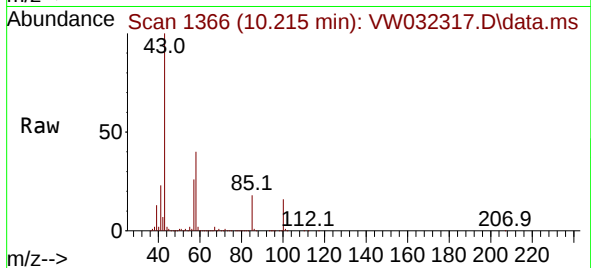




#51
4-Methyl-2-Pentanone
Concen: 503.045 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

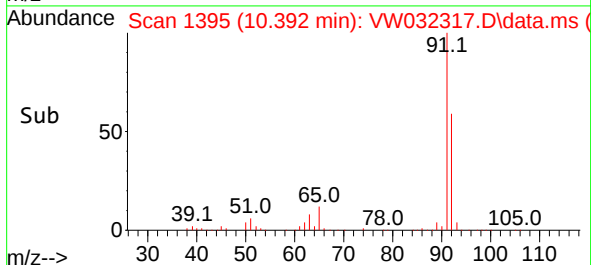
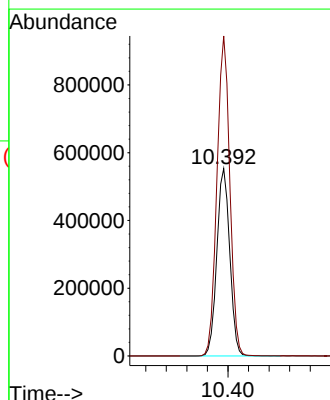
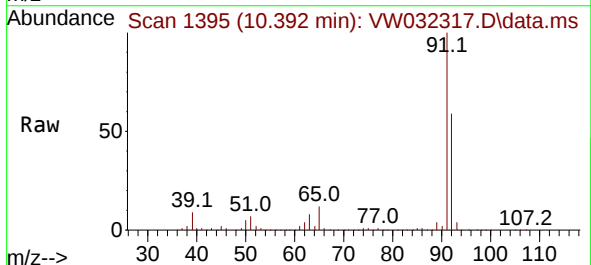
Instrument :
MSVOA_W
ClientSampleId :

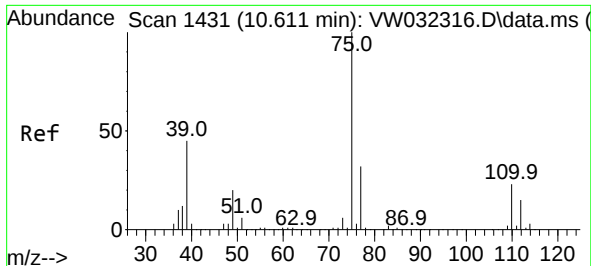
Tgt Ion: 43 Resp: 1663070
Ion Ratio Lower Upper
43 100
58 40.0 32.0 48.0



#52
Toluene
Concen: 101.843 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 92 Resp: 960973
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3

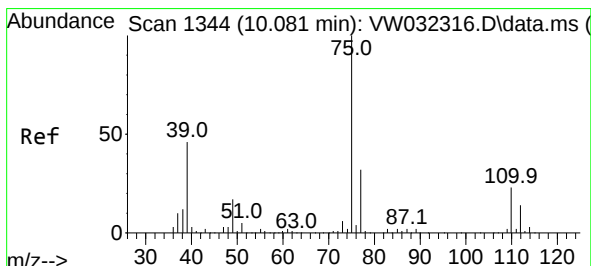
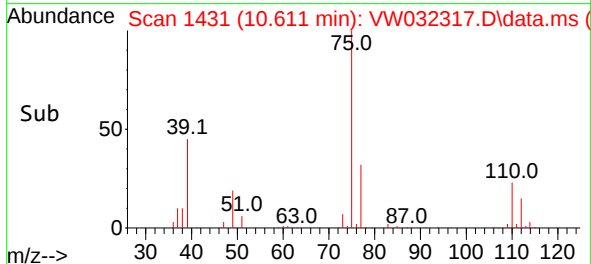
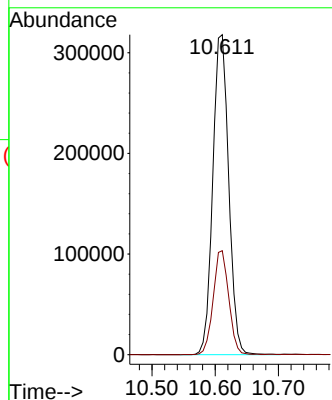
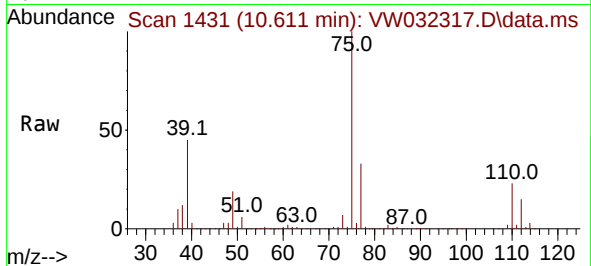




#53
 t-1,3-Dichloropropene
 Concen: 107.561 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

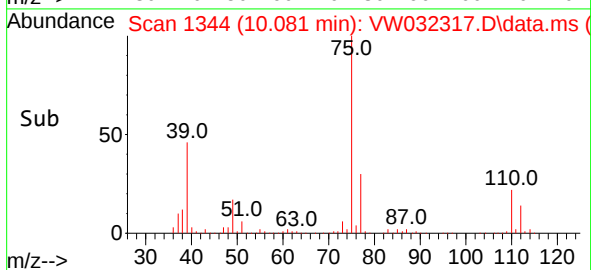
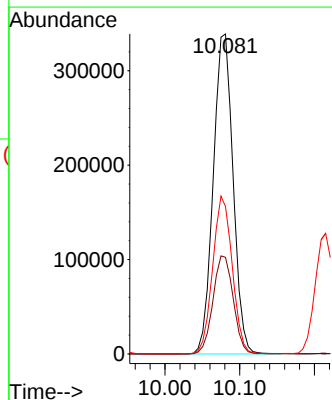
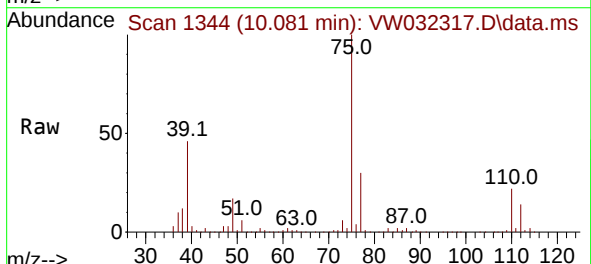
Instrument :
 MSVOA_W
 ClientSampleId :

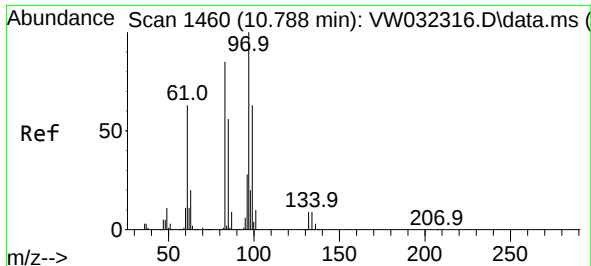
Tgt Ion: 75 Resp: 555072
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 105.188 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032317.D
 Acq: 01 Oct 2025 14:59

Tgt Ion: 75 Resp: 625271
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7
 39 46.1 43.2 64.8



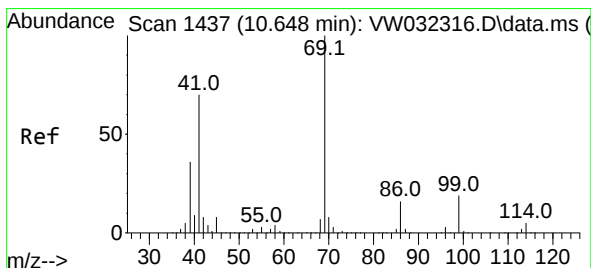
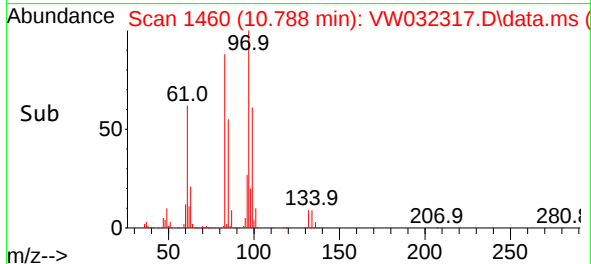
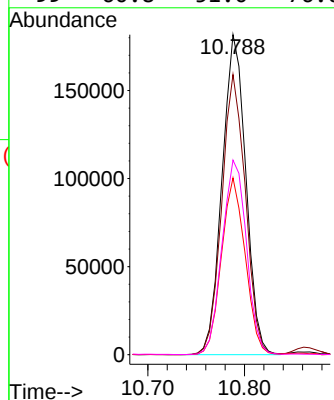
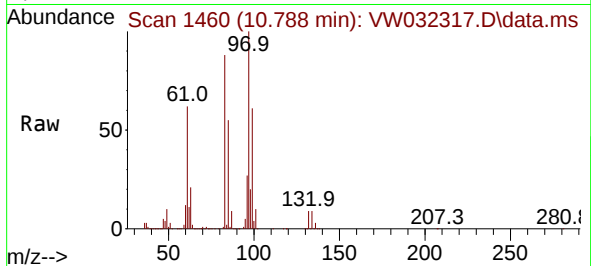


#55
1,1,2-Trichloroethane
Concen: 99.546 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 309412

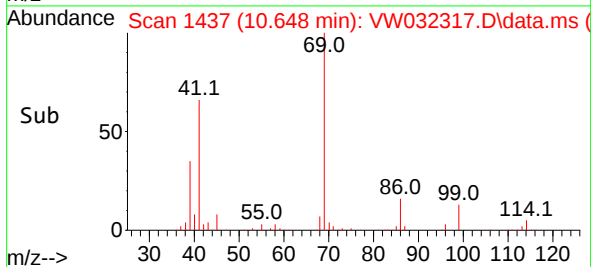
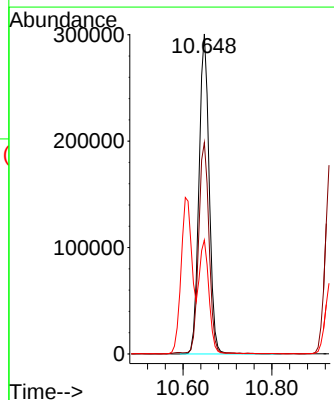
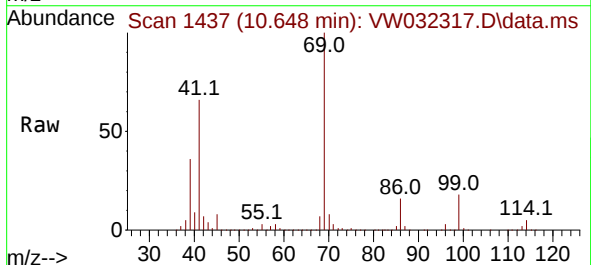
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.0	106.6
85	55.3	42.8	64.2
99	60.8	51.0	76.6

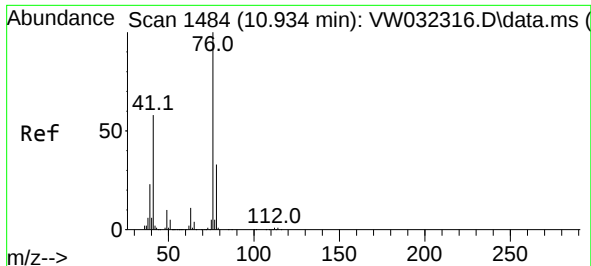


#56
Ethyl methacrylate
Concen: 109.686 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 69 Resp: 477191

Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.2	79.8
39	33.6	32.9	49.3

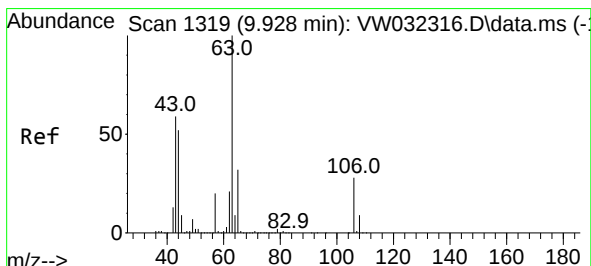
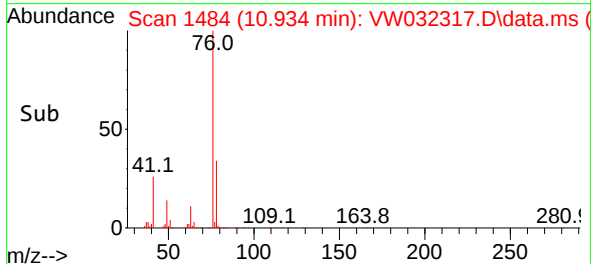
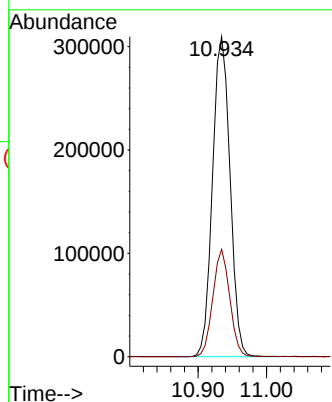
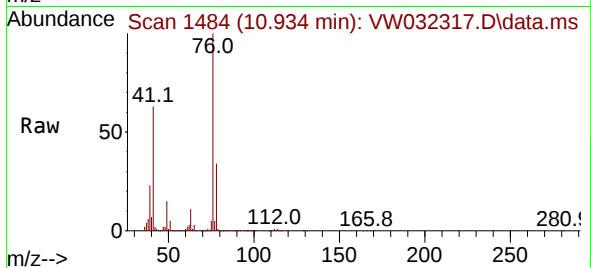




#57
1,3-Dichloropropane
Concen: 99.997 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

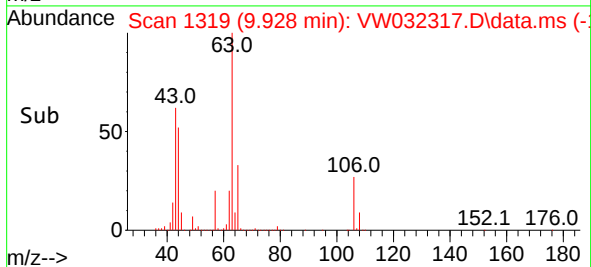
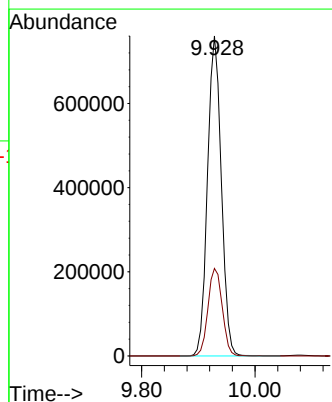
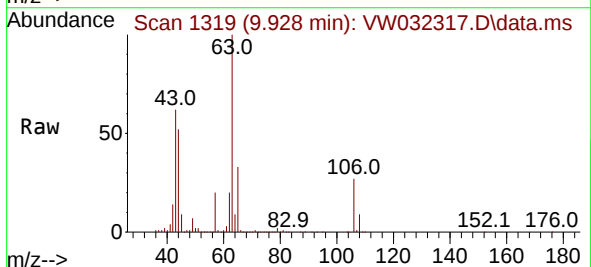
Instrument :
MSVOA_W
ClientSampleId :

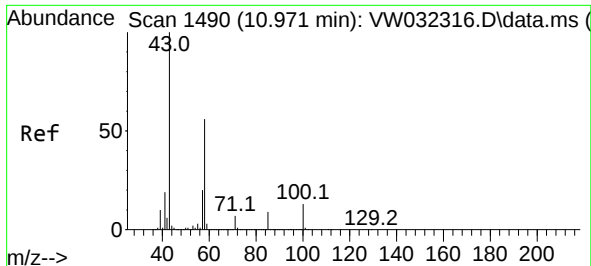
Tgt Ion: 76 Resp: 548954
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 554.092 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 63 Resp: 1282918
Ion Ratio Lower Upper
63 100
106 28.3 24.3 36.5

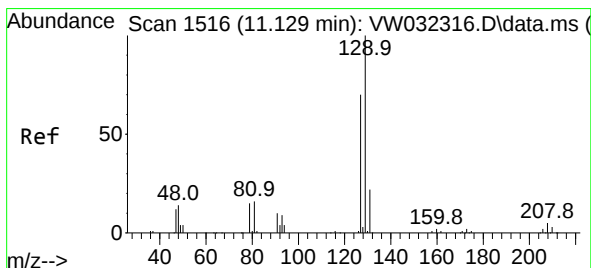
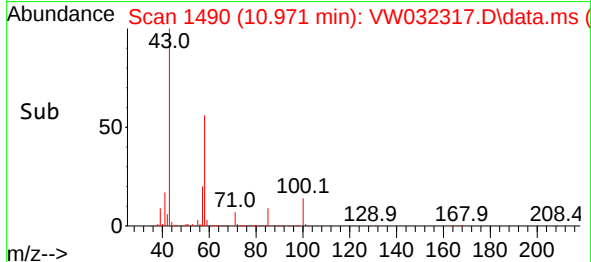
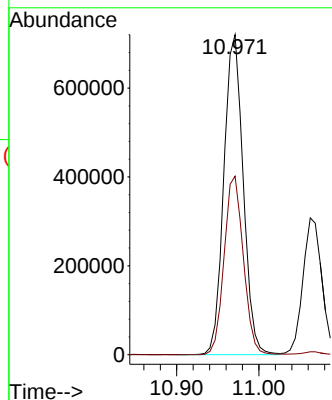
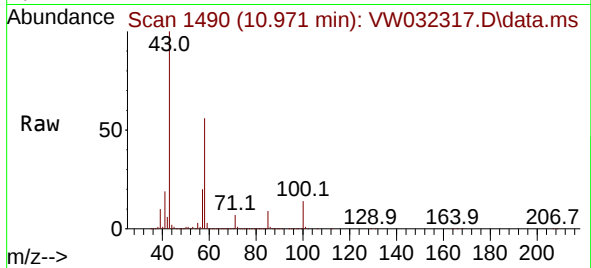




#59
2-Hexanone
Concen: 504.847 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

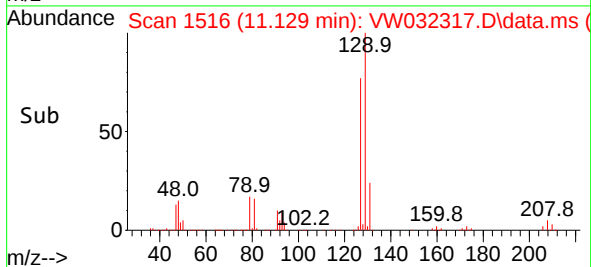
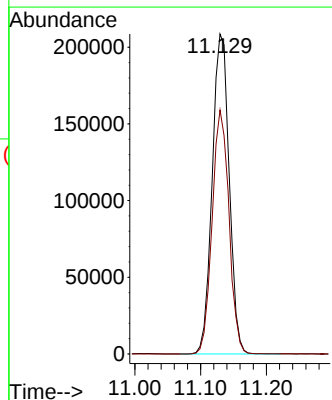
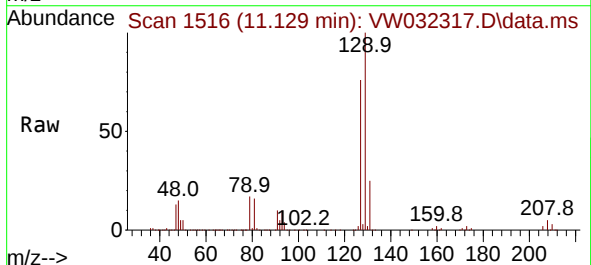
Instrument :
MSVOA_W
ClientSampleId :

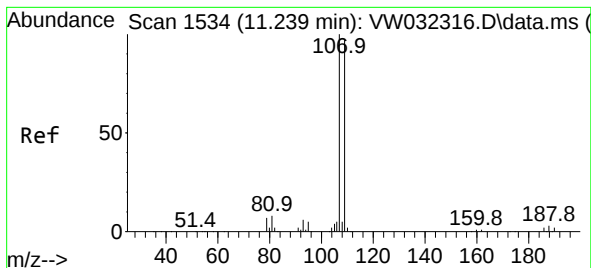
Tgt Ion: 43 Resp: 1177144
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4



#60
Dibromochloromethane
Concen: 106.254 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

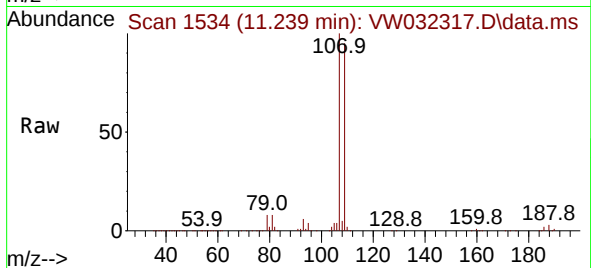
Tgt Ion:129 Resp: 375002
Ion Ratio Lower Upper
129 100
127 75.5 38.1 114.5



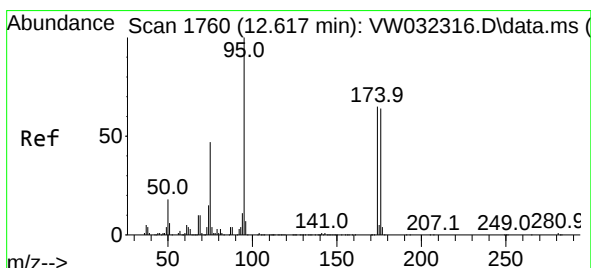
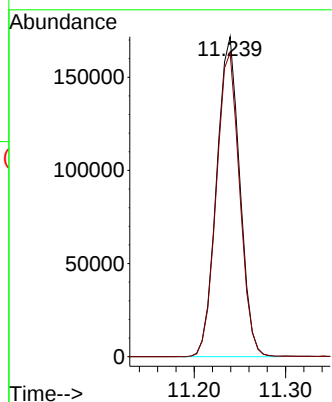
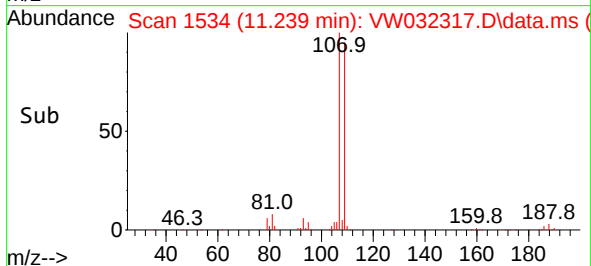


#61
1,2-Dibromoethane
Concen: 99.562 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

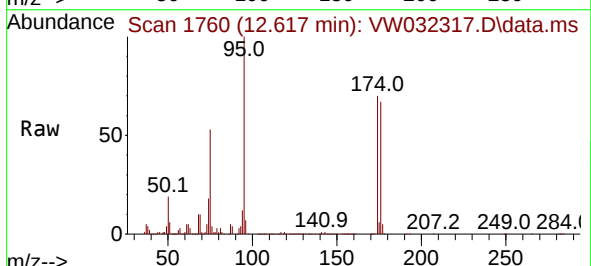
Instrument :
MSVOA_W
ClientSampleId :



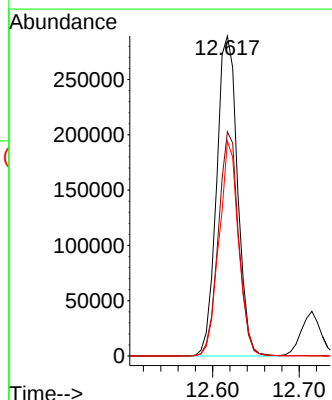
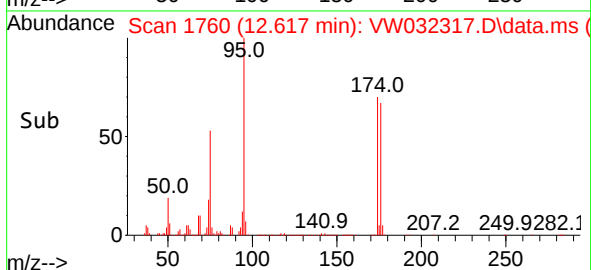
Tgt Ion:107 Resp: 301749
Ion Ratio Lower Upper
107 100
109 95.8 74.5 111.7

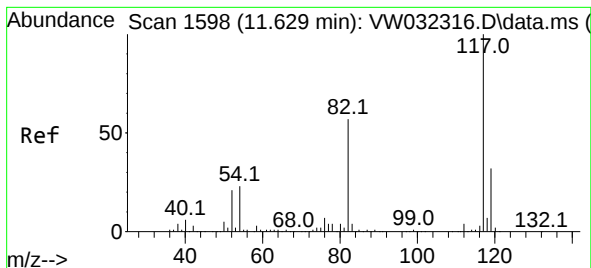


#62
4-Bromofluorobenzene
Concen: 101.586 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59



Tgt Ion: 95 Resp: 485396
Ion Ratio Lower Upper
95 100
174 67.6 0.0 145.6
176 62.7 0.0 140.8

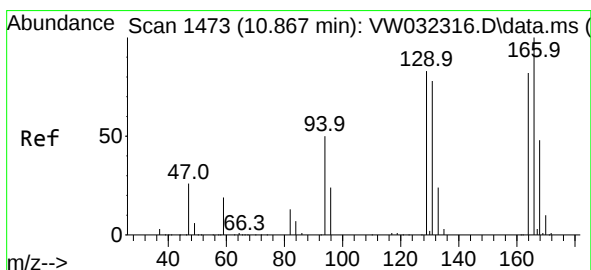
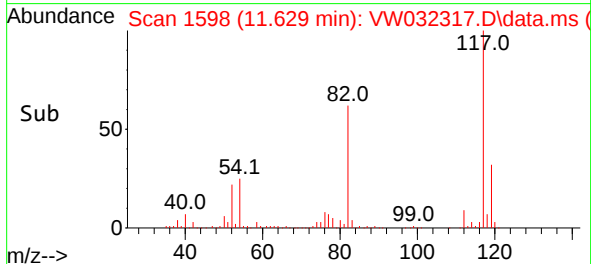
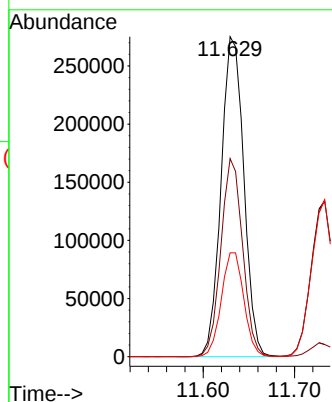
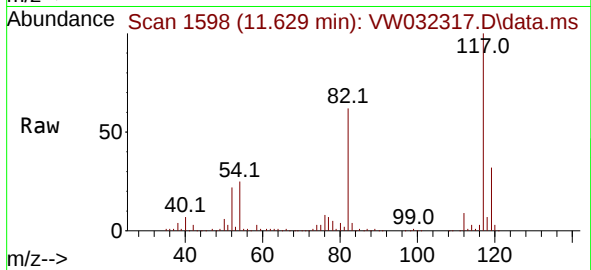




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

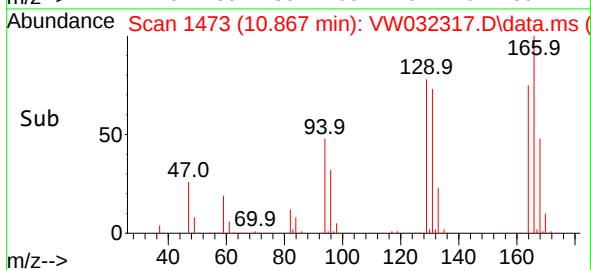
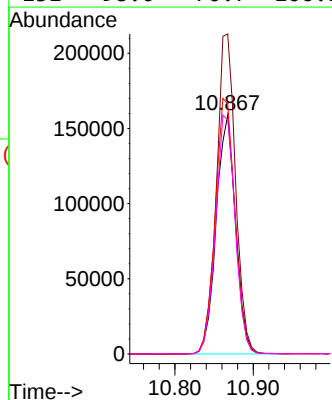
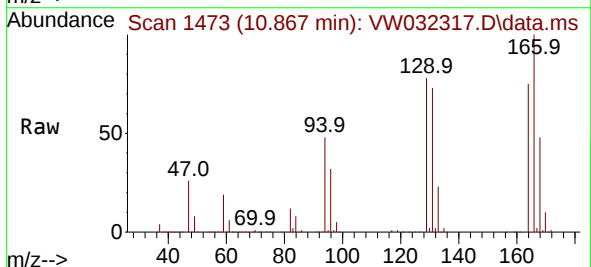
Instrument :
MSVOA_W
ClientSampleId :

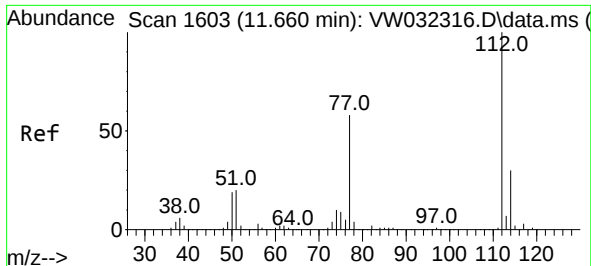
Tgt Ion:117 Resp: 475984
Ion Ratio Lower Upper
117 100
82 61.9 42.7 64.1
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 96.034 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

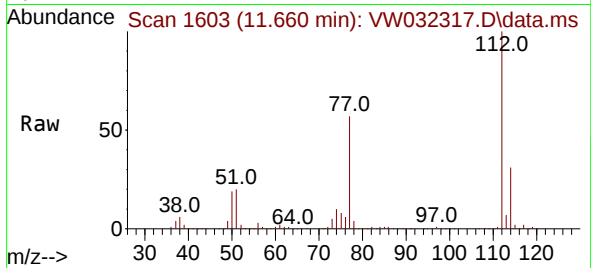
Tgt Ion:164 Resp: 273519
Ion Ratio Lower Upper
164 100
166 134.0 97.5 146.3
129 104.7 71.2 106.8
131 98.0 70.7 106.1



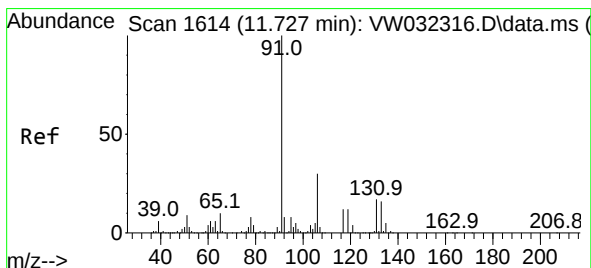
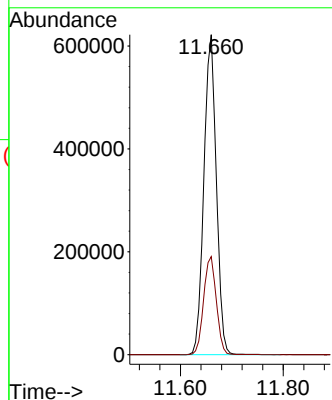
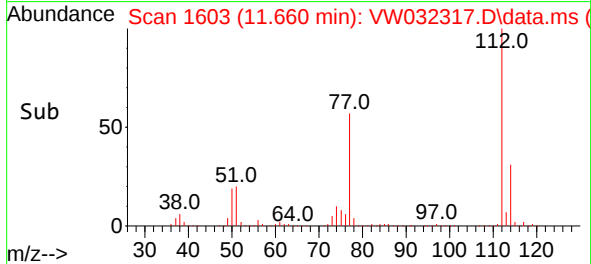


#65
Chlorobenzene
Concen: 99.469 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

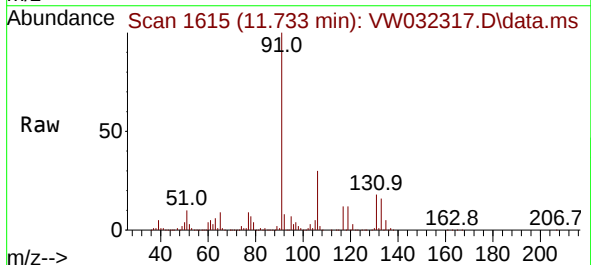
Instrument :
MSVOA_W
ClientSampleId :



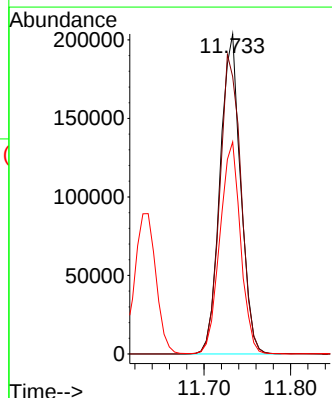
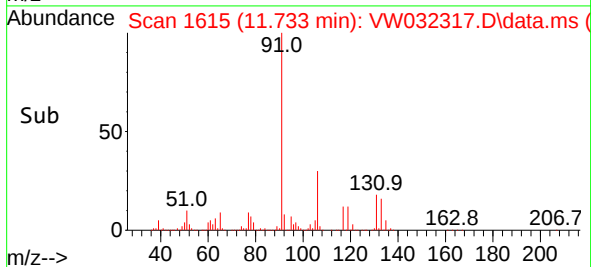
Tgt Ion:112 Resp: 1041724
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0

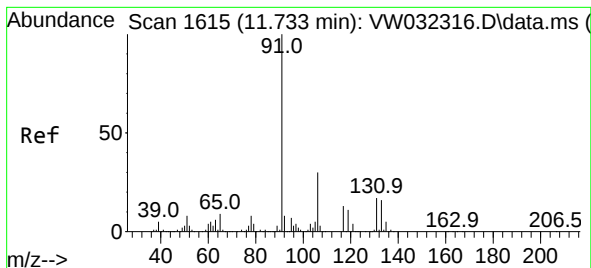


#66
1,1,1,2-Tetrachloroethane
Concen: 102.516 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59



Tgt Ion:131 Resp: 334400
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.9 32.8 98.3





#67

Ethyl Benzene

Concen: 103.444 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

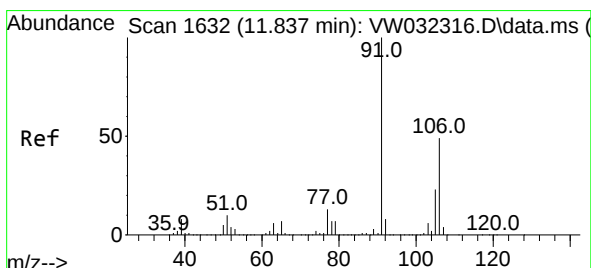
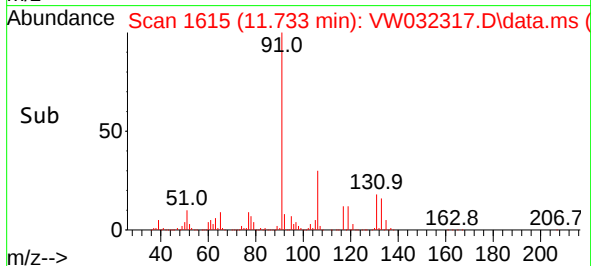
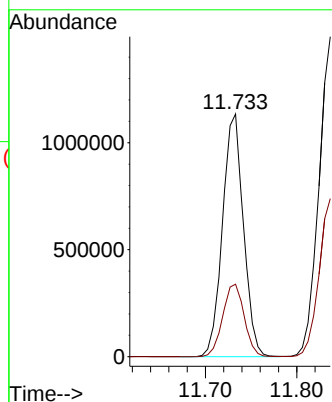
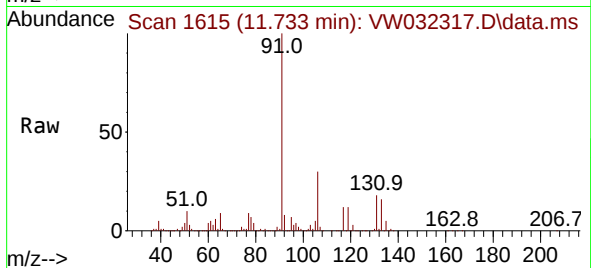
ClientSampleId :

Tgt Ion: 91 Resp: 1805810

Ion Ratio Lower Upper

91 100

106 29.9 25.3 37.9



#68

m/p-Xylenes

Concen: 206.584 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032317.D

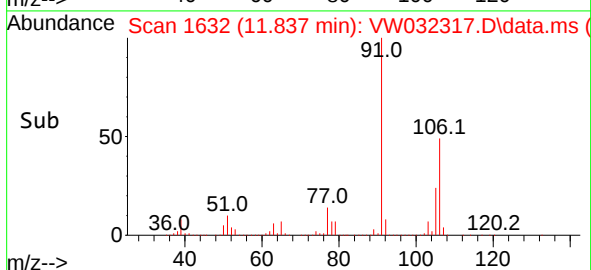
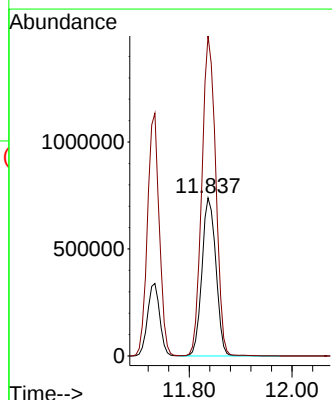
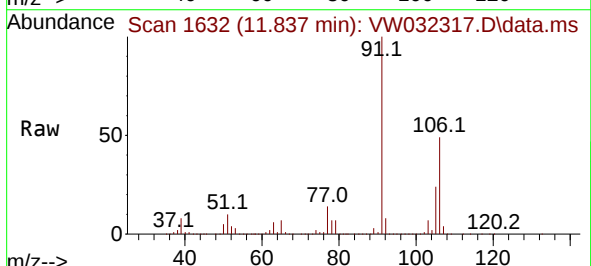
Acq: 01 Oct 2025 14:59

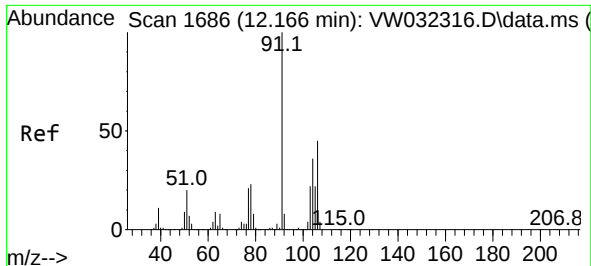
Tgt Ion:106 Resp: 1390632

Ion Ratio Lower Upper

106 100

91 201.8 164.2 246.2

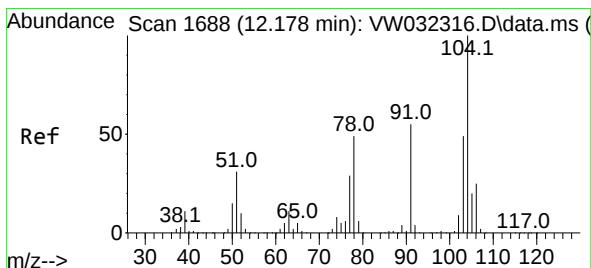
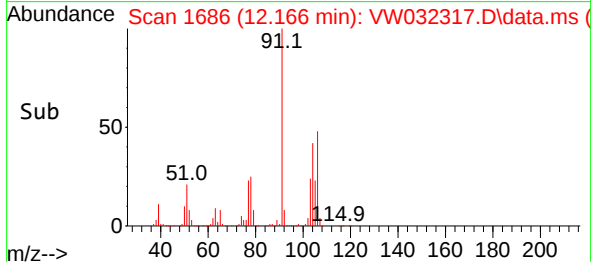
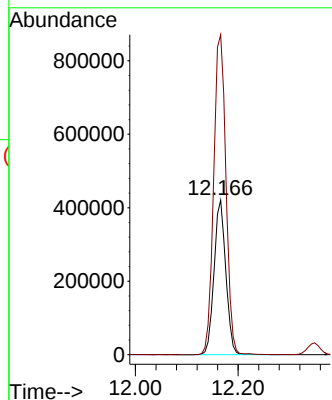
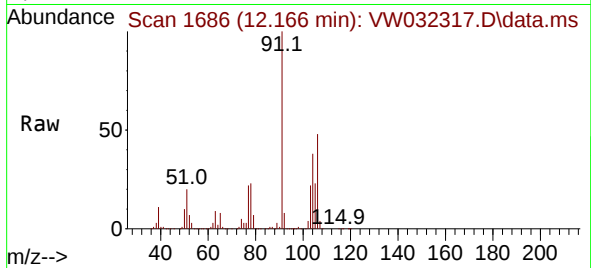




#69
o-Xylene
Concen: 106.061 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

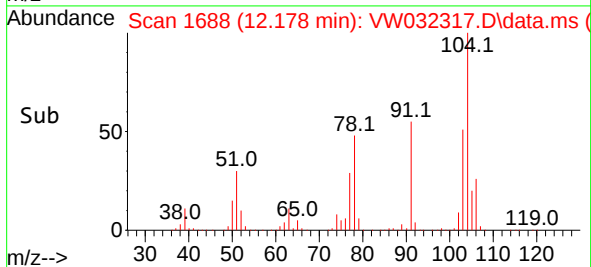
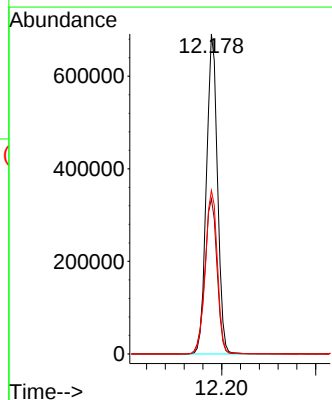
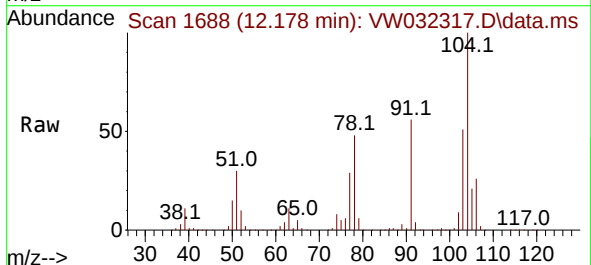
Instrument :
MSVOA_W
ClientSampleId :

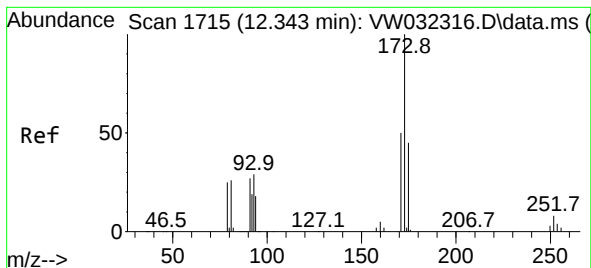
Tgt Ion:106 Resp: 667671
Ion Ratio Lower Upper
106 100
91 216.2 108.7 326.3



#70
Styrene
Concen: 102.692 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:104 Resp: 1128688
Ion Ratio Lower Upper
104 100
78 53.2 41.6 62.4
103 55.8 44.8 67.2





#71

Bromoform

Concen: 102.725 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

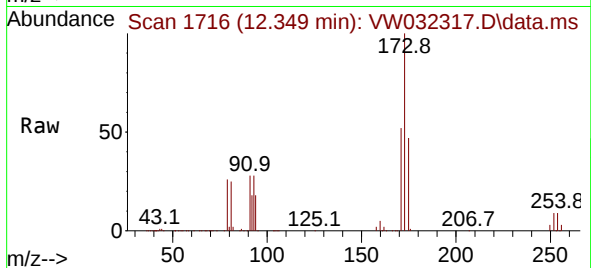
Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :



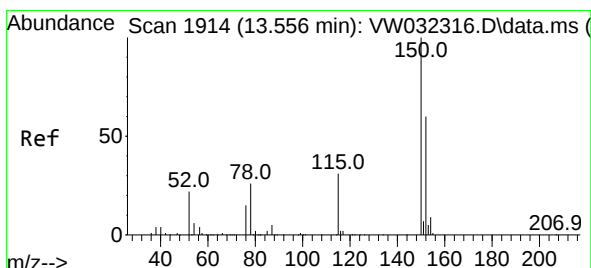
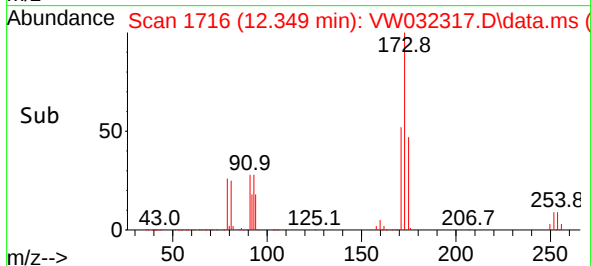
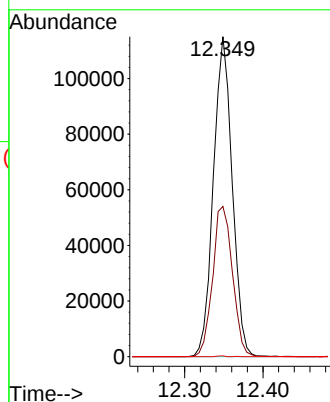
Tgt Ion:173 Resp: 192066

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.7

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

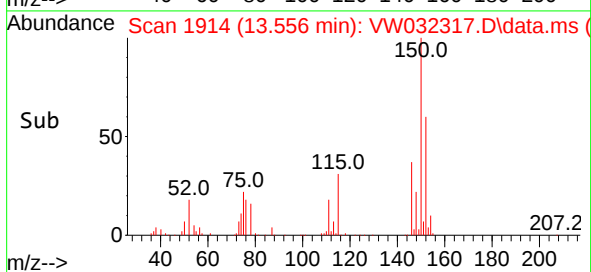
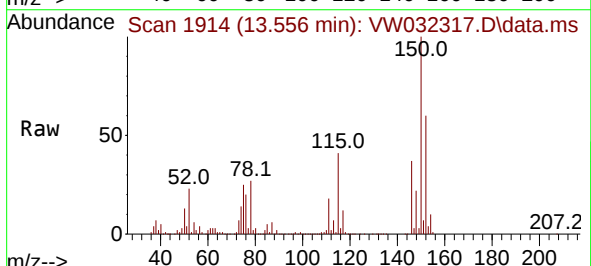
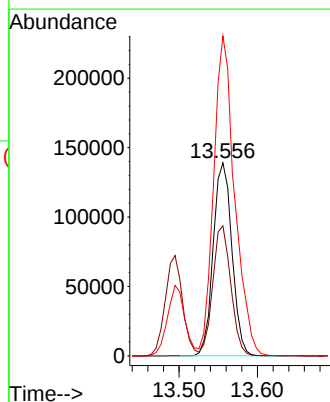
Tgt Ion:152 Resp: 231176

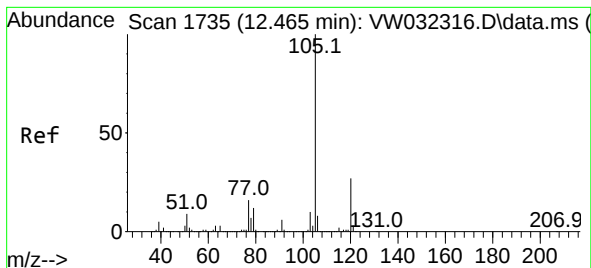
Ion Ratio Lower Upper

152 100

115 64.9 31.8 95.4

150 185.2 0.0 343.0





#73

Isopropylbenzene

Concen: 106.560 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

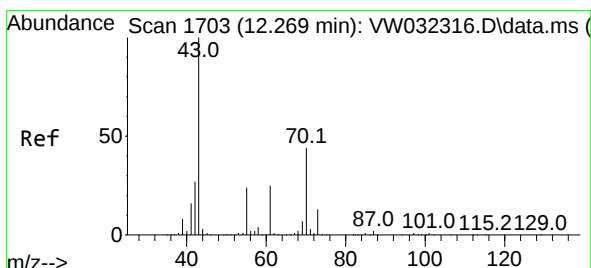
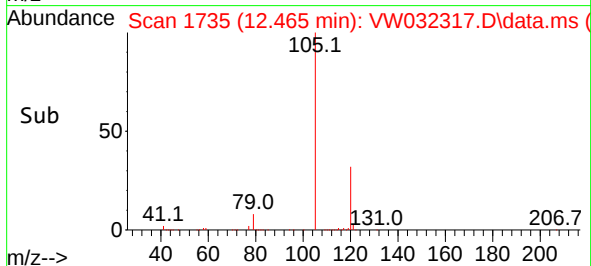
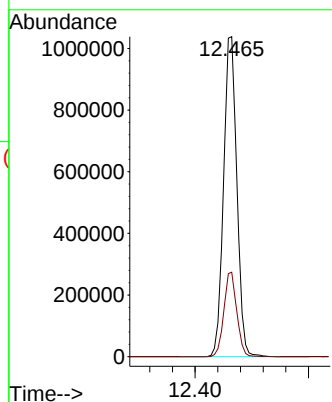
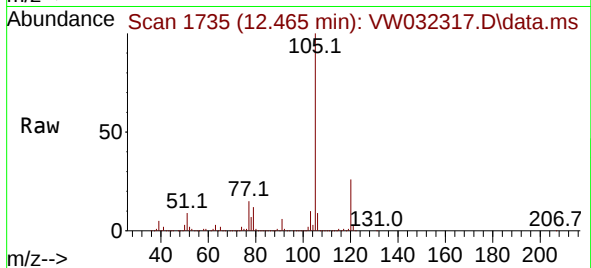
ClientSampleId :

Tgt Ion:105 Resp: 1685355

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 107.133 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Tgt Ion: 43 Resp: 540543

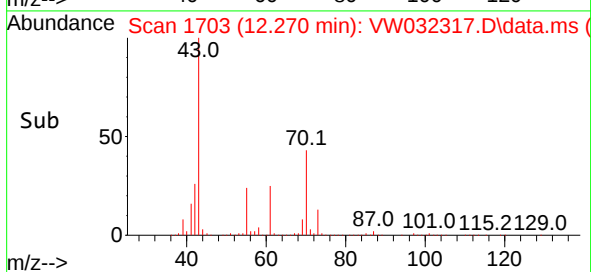
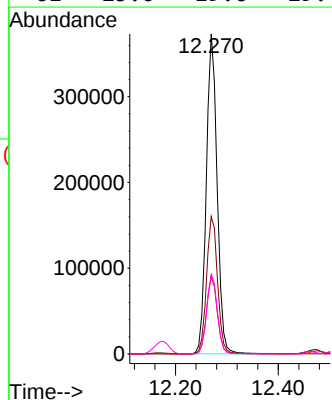
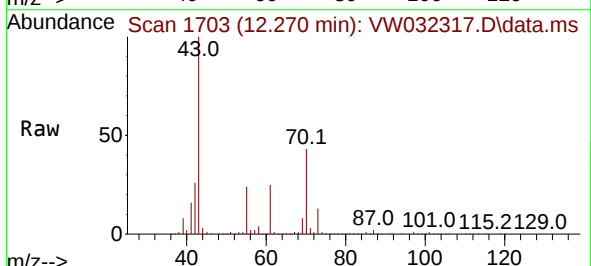
Ion Ratio Lower Upper

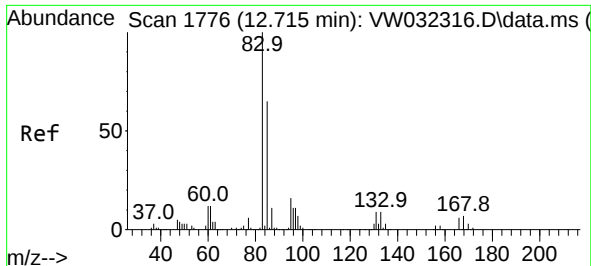
43 100

70 44.1 35.3 52.9

55 24.5 19.9 29.9

61 25.0 19.6 29.4

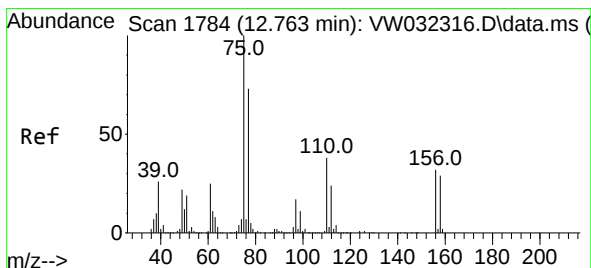
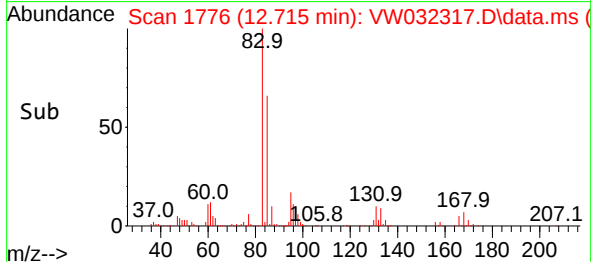
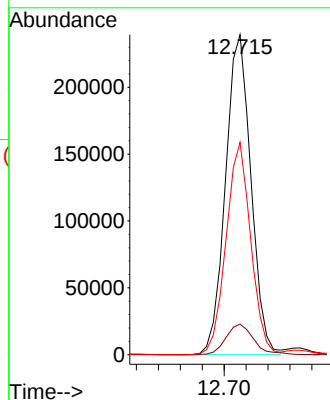
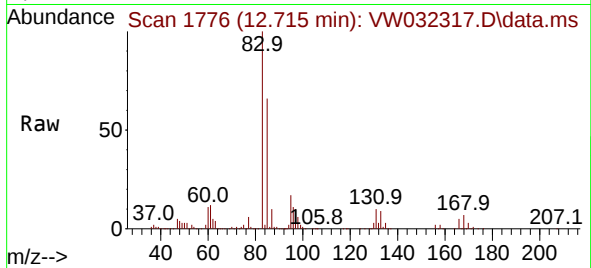




#75
1,1,2,2-Tetrachloroethane
Concen: 98.125 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

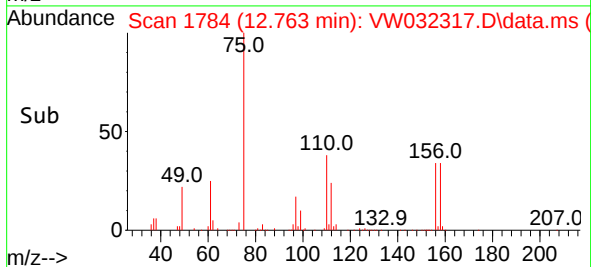
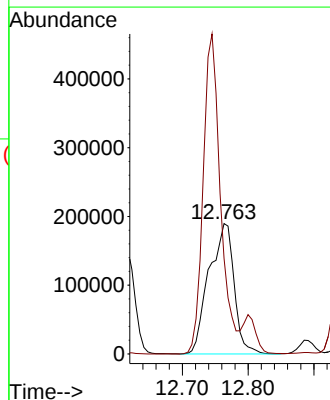
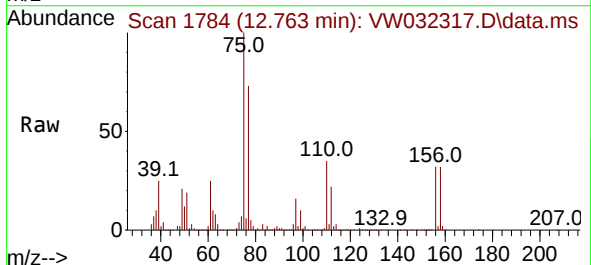
Instrument :
MSVOA_W
ClientSampleId :

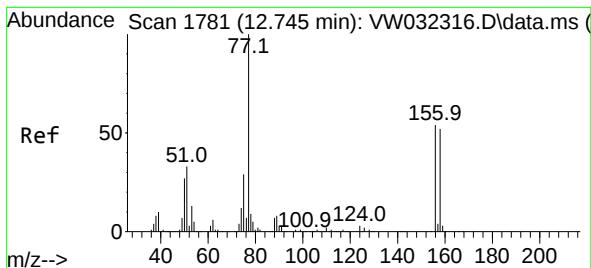
Tgt Ion: 83 Resp: 385347
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 64.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 164.889 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 75 Resp: 503002
Ion Ratio Lower Upper
75 100
77 168.1 141.7 425.1





#77

Bromobenzene

Concen: 104.063 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

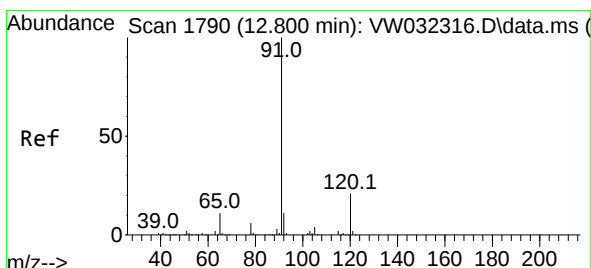
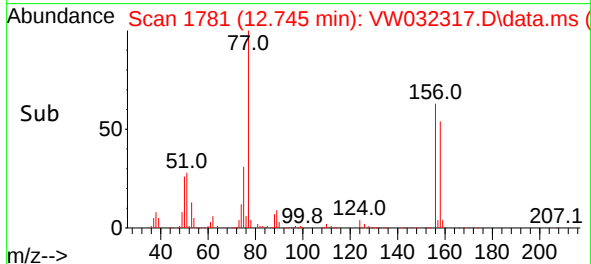
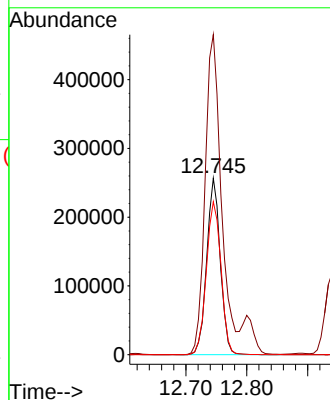
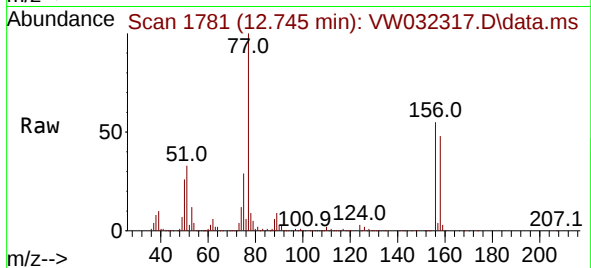
Tgt Ion:156 Resp: 396745

Ion Ratio Lower Upper

156 100

77 213.1 98.6 295.7

158 93.9 48.4 145.0



#78

n-propylbenzene

Concen: 103.878 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032317.D

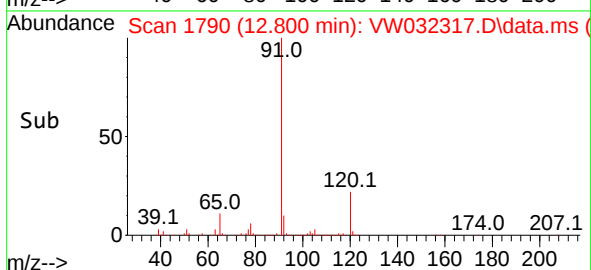
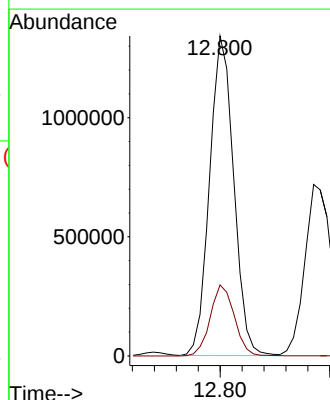
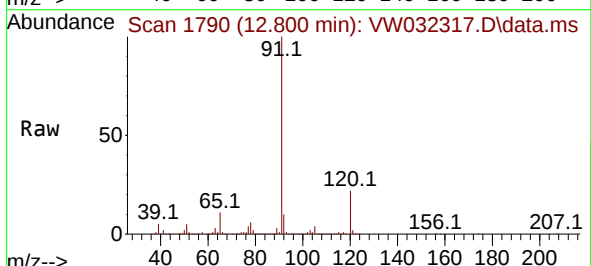
Acq: 01 Oct 2025 14:59

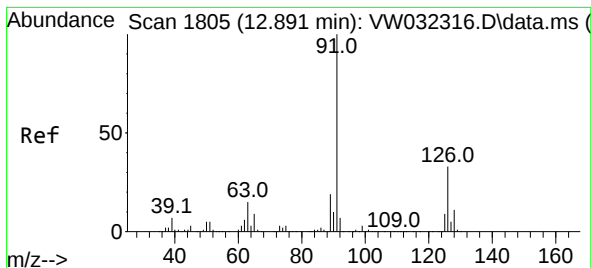
Tgt Ion: 91 Resp: 2052249

Ion Ratio Lower Upper

91 100

120 22.3 11.8 35.4

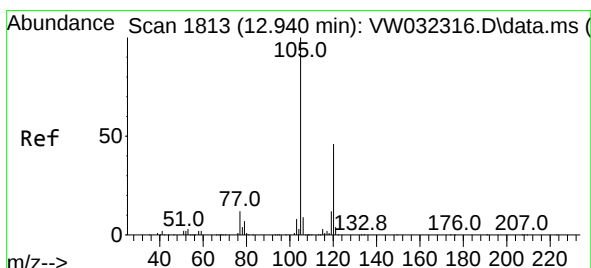
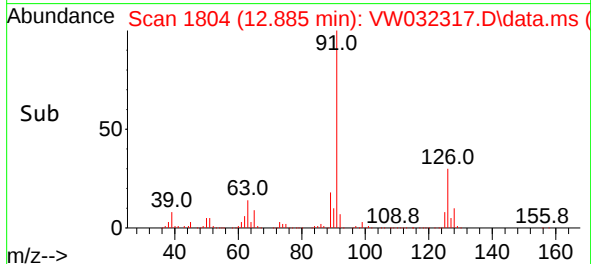
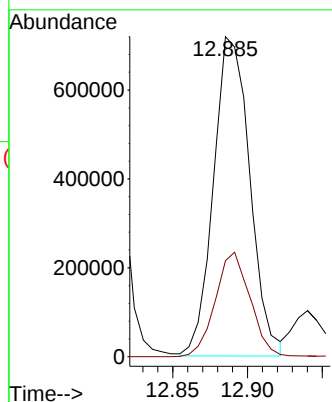
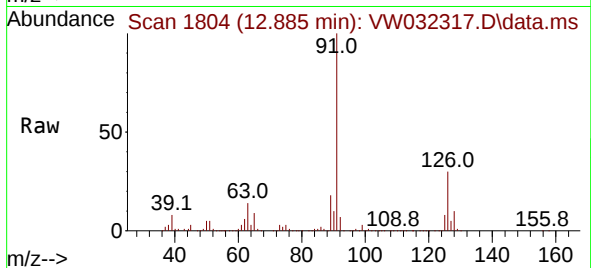




#79
2-Chlorotoluene
Concen: 100.479 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

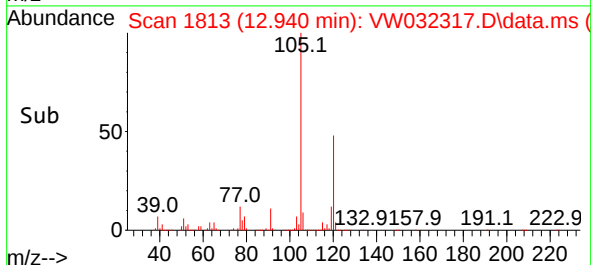
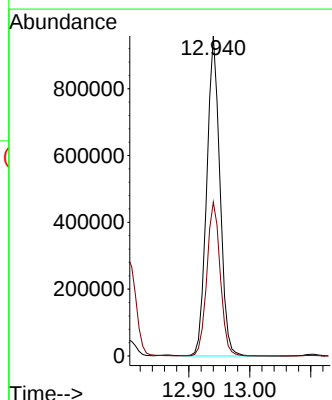
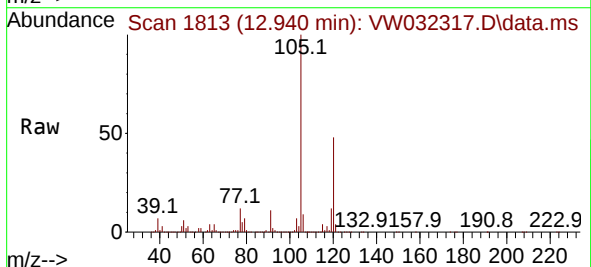
Instrument :
MSVOA_W
ClientSampleId :

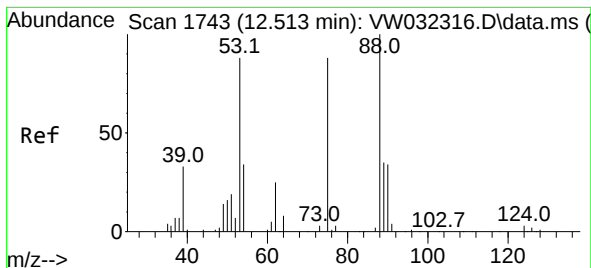
Tgt Ion: 91 Resp: 1213767
Ion Ratio Lower Upper
91 100
126 31.4 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 105.277 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:105 Resp: 1439767
Ion Ratio Lower Upper
105 100
120 48.8 24.8 74.4

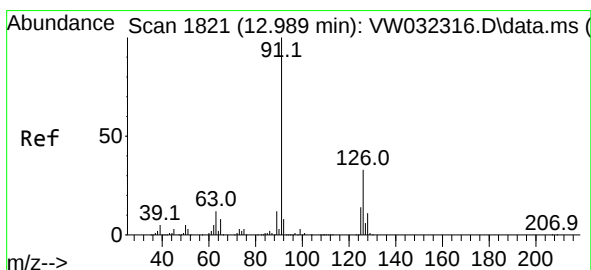
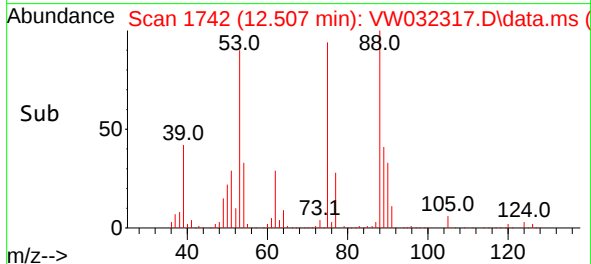
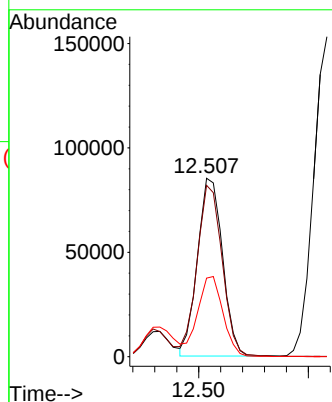
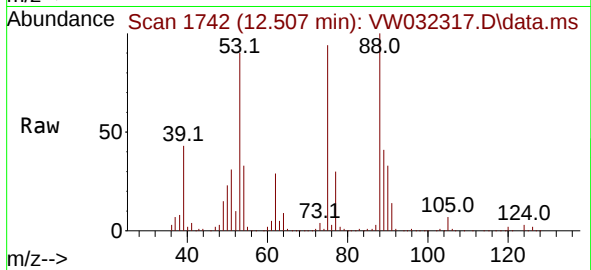




#81
trans-1,4-Dichloro-2-butene
Concen: 112.737 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

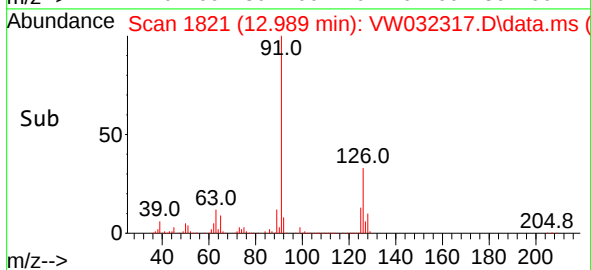
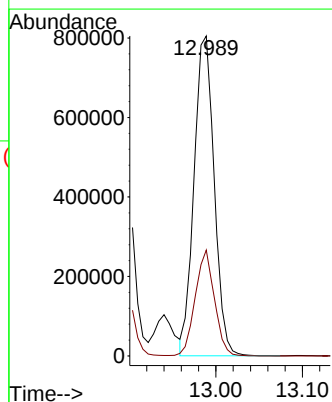
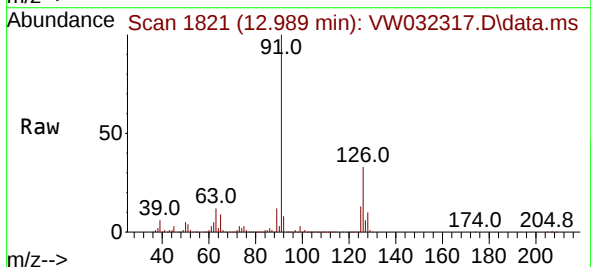
Instrument :
MSVOA_W
ClientSampleId :

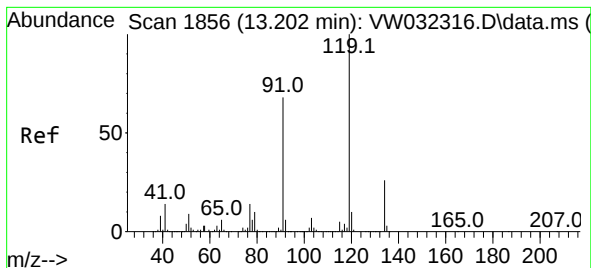
Tgt Ion: 75 Resp: 135383
Ion Ratio Lower Upper
75 100
53 98.1 91.0 136.6
89 45.9 39.4 59.2



#82
4-Chlorotoluene
Concen: 101.179 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion: 91 Resp: 1299440
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.2

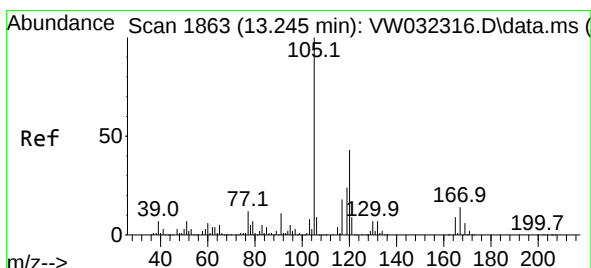
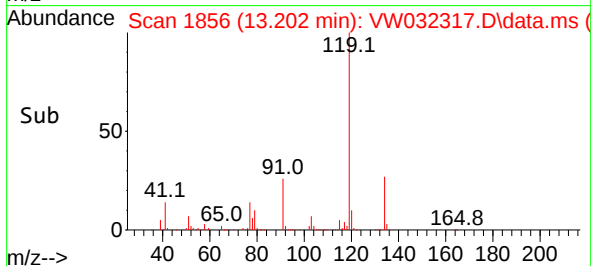
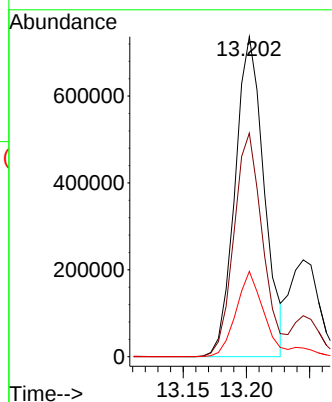
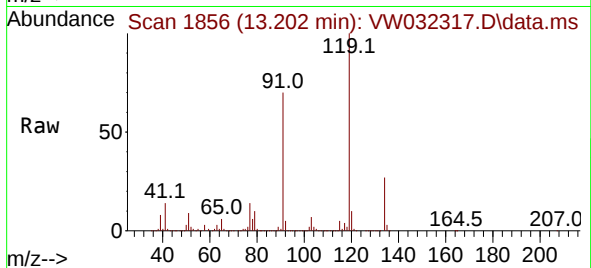




#83
tert-Butylbenzene
Concen: 105.090 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

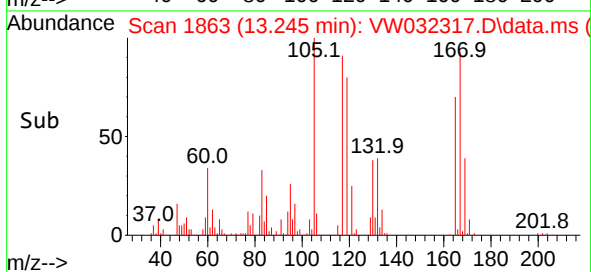
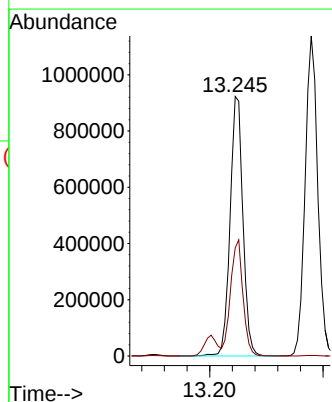
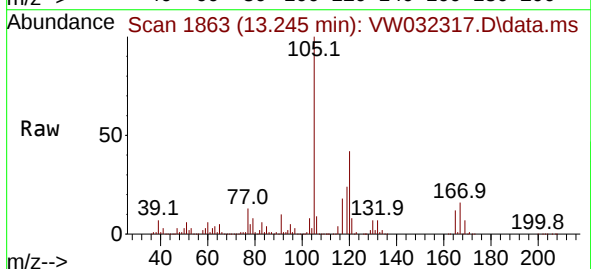
Instrument :
MSVOA_W
ClientSampleId :

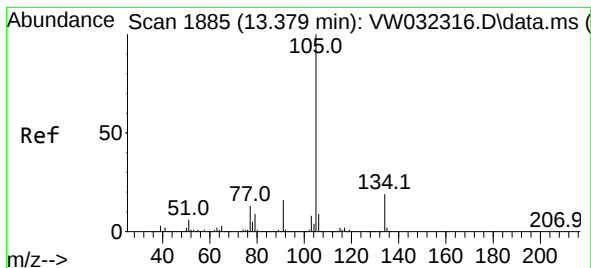
Tgt Ion:119 Resp: 1179238
Ion Ratio Lower Upper
119 100
91 69.8 33.8 101.3
134 25.3 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 103.930 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:105 Resp: 1445279
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 102.403 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

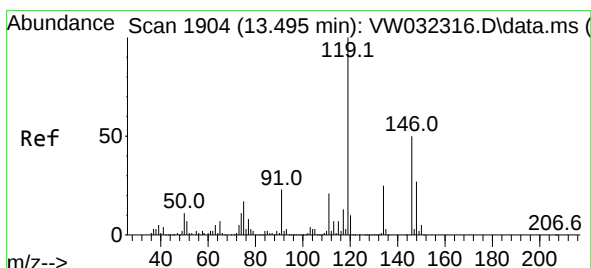
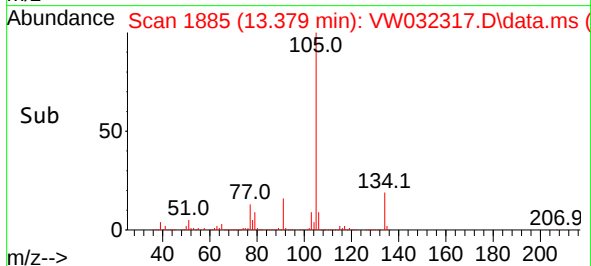
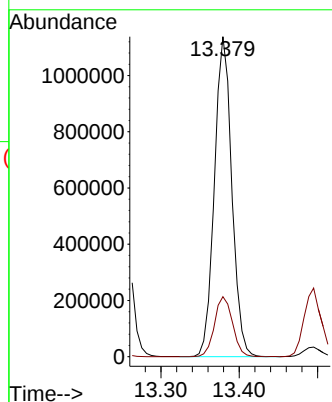
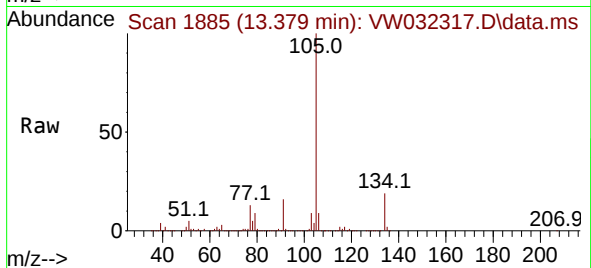
ClientSampleId :

Tgt Ion:105 Resp: 1756008

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 102.680 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

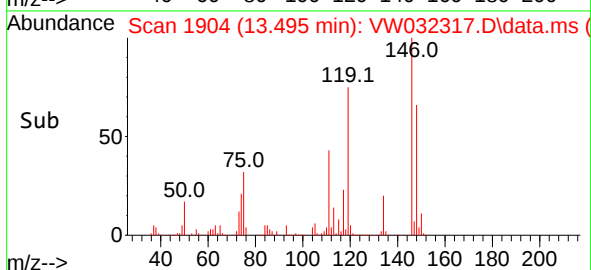
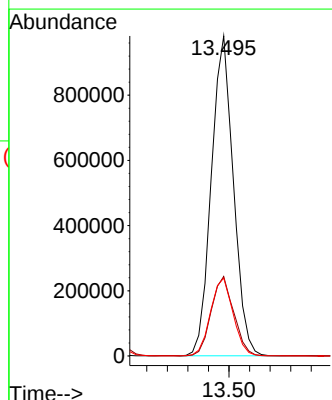
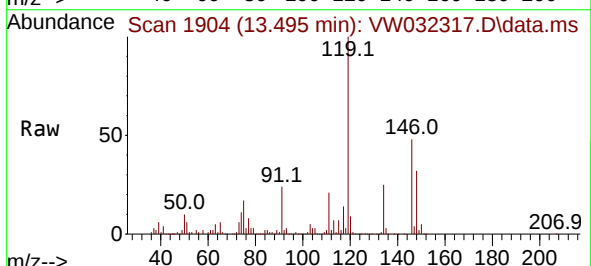
Tgt Ion:119 Resp: 1460991

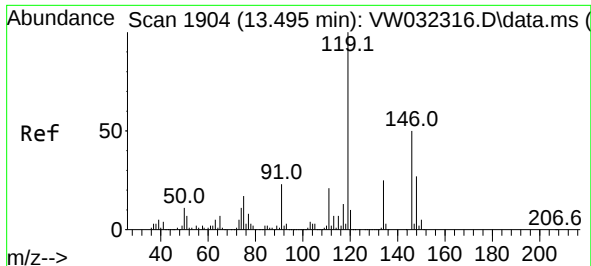
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 99.297 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

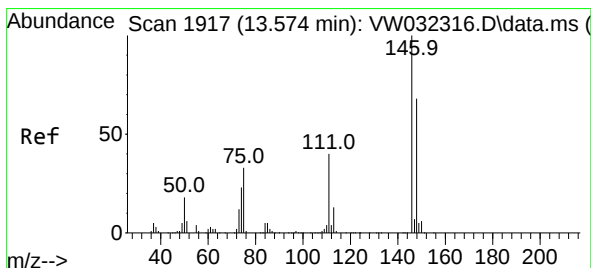
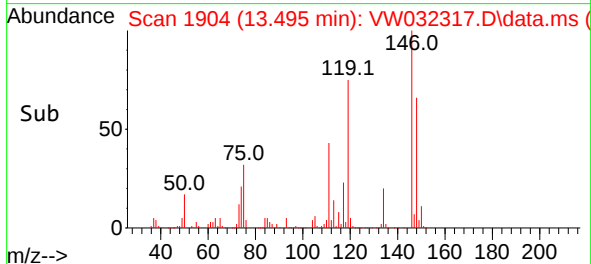
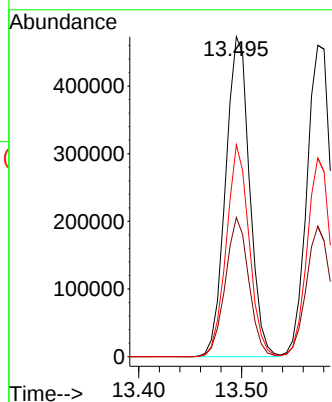
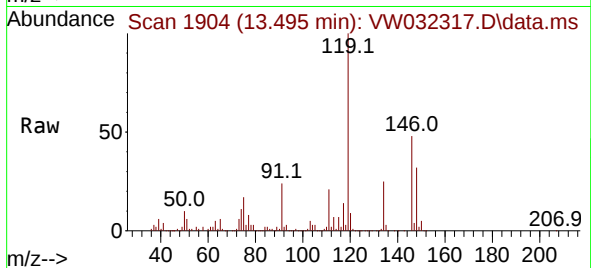
Tgt Ion:146 Resp: 766586

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

148 63.1 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 99.477 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

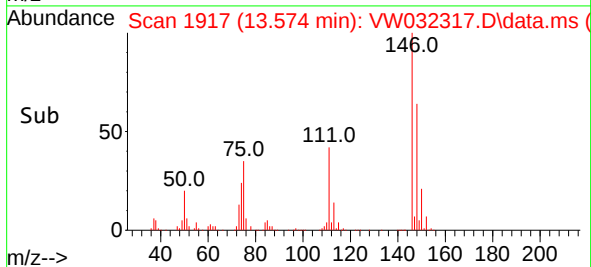
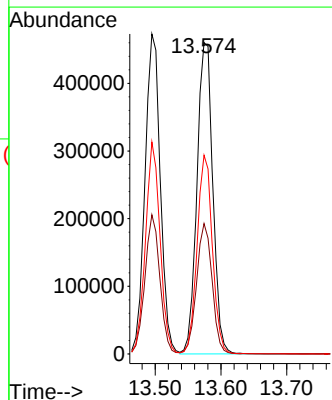
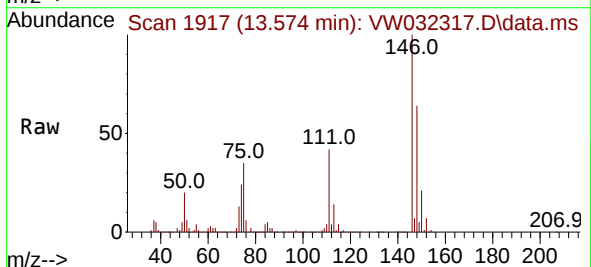
Tgt Ion:146 Resp: 767903

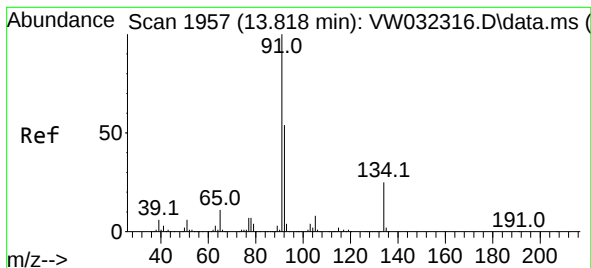
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 61.6 33.4 100.1





#89

n-Butylbenzene

Concen: 103.706 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

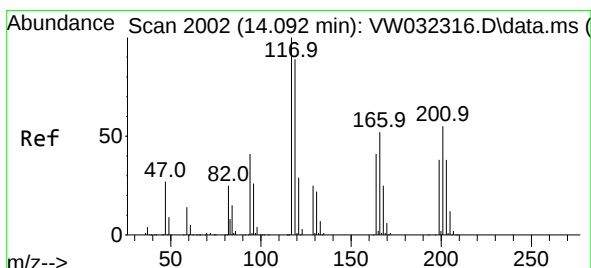
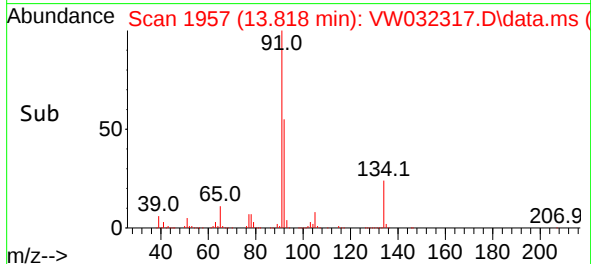
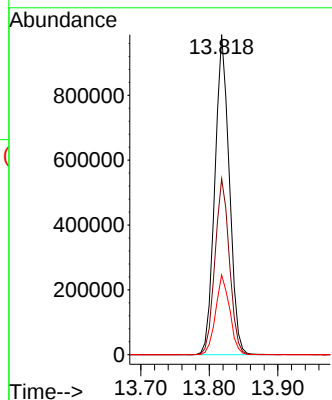
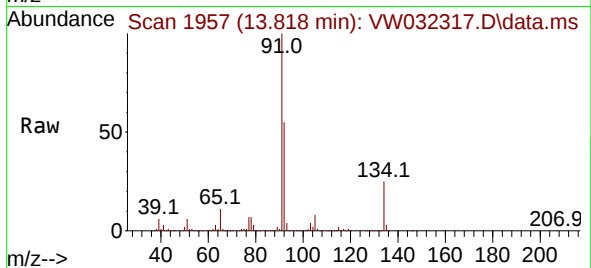
Tgt Ion: 91 Resp: 1440709

Ion Ratio Lower Upper

91 100

92 55.0 27.0 81.0

134 24.3 13.1 39.3



#90

Hexachloroethane

Concen: 104.296 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032317.D

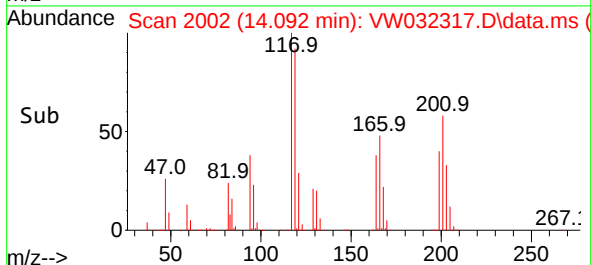
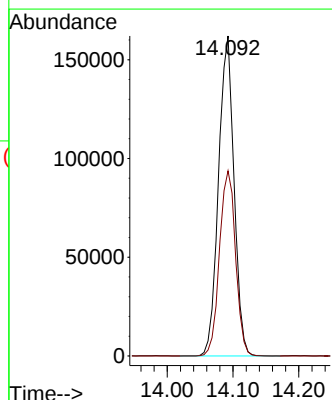
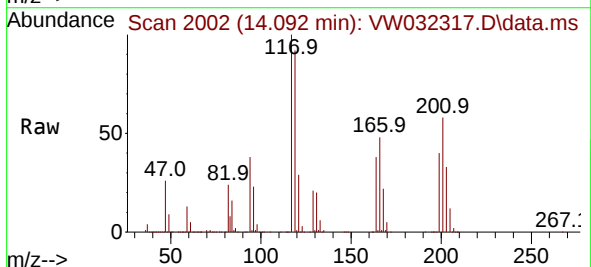
Acq: 01 Oct 2025 14:59

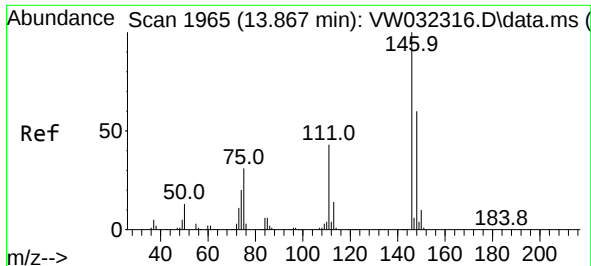
Tgt Ion: 117 Resp: 265991

Ion Ratio Lower Upper

117 100

201 59.9 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 97.184 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

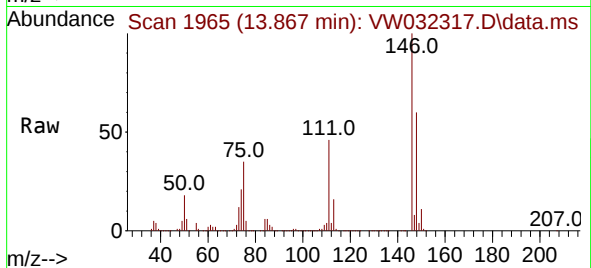
Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :



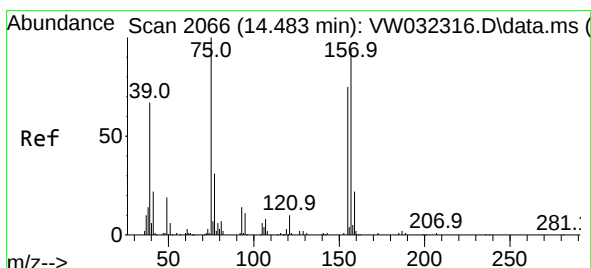
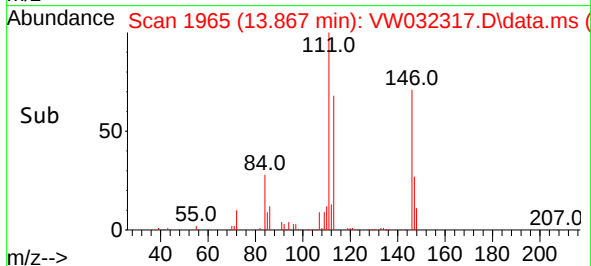
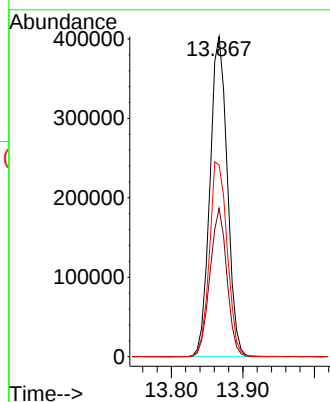
Tgt Ion:146 Resp: 678218

Ion Ratio Lower Upper

146 100

111 45.2 23.4 70.0

148 62.5 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 98.781 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

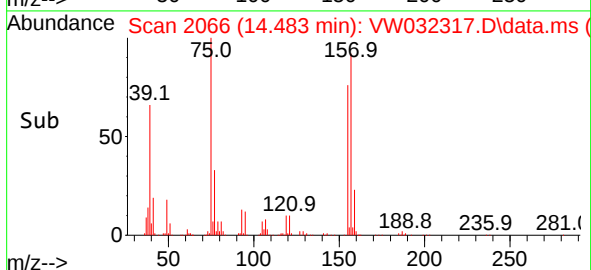
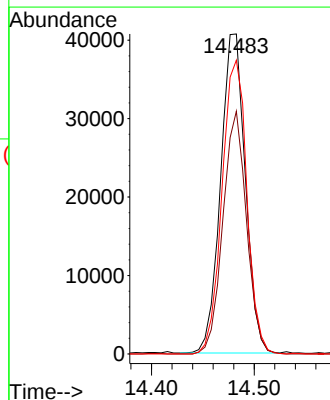
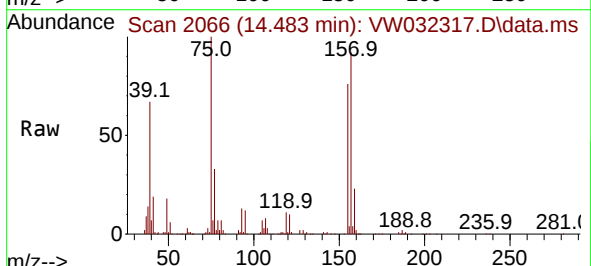
Tgt Ion: 75 Resp: 67919

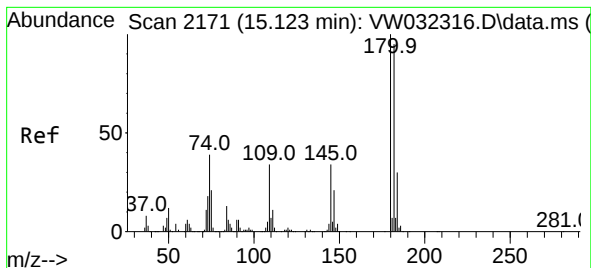
Ion Ratio Lower Upper

75 100

155 72.8 40.8 122.5

157 92.4 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 103.645 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

Instrument :

MSVOA_W

ClientSampleId :

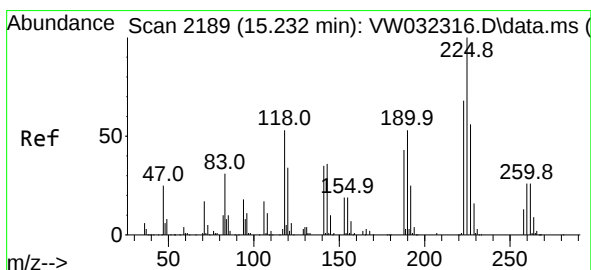
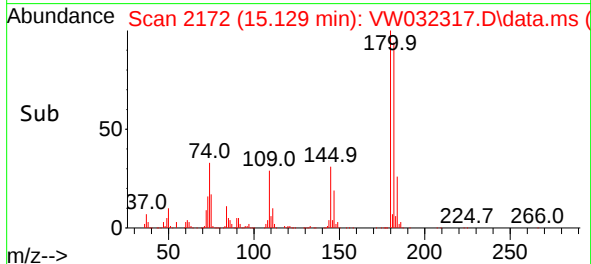
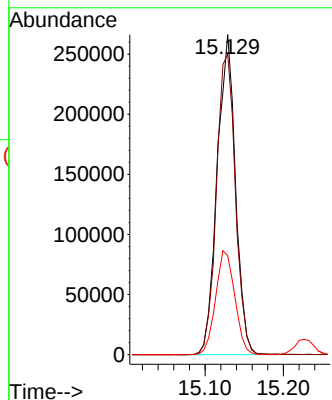
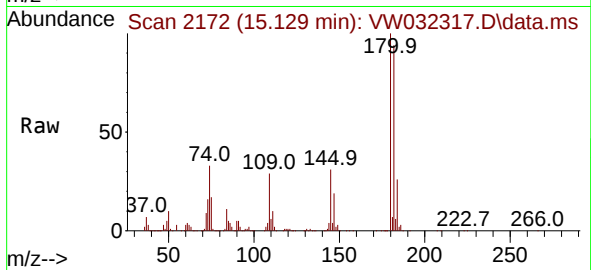
Tgt Ion:180 Resp: 433724

Ion Ratio Lower Upper

180 100

182 97.3 47.4 142.2

145 34.0 16.4 49.1



#94

Hexachlorobutadiene

Concen: 99.894 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032317.D

Acq: 01 Oct 2025 14:59

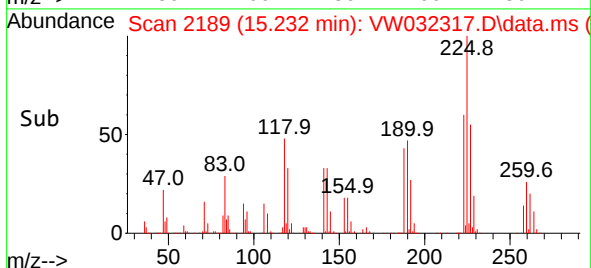
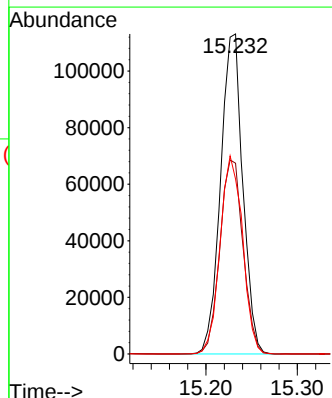
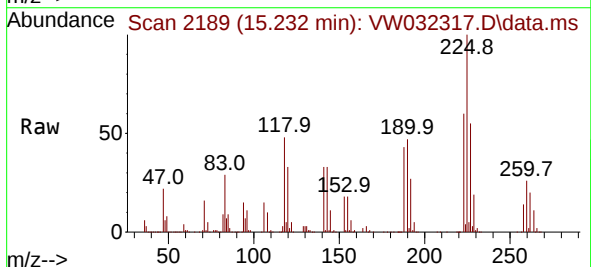
Tgt Ion:225 Resp: 191123

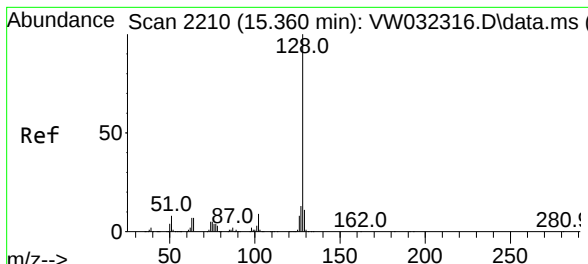
Ion Ratio Lower Upper

225 100

223 63.2 29.8 89.3

227 62.6 30.5 91.5



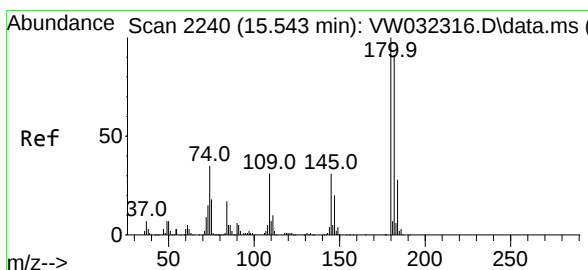
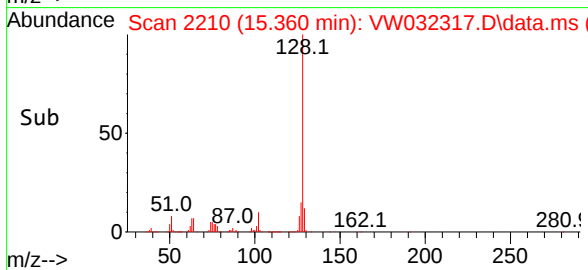
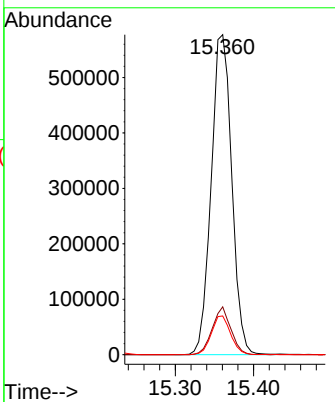
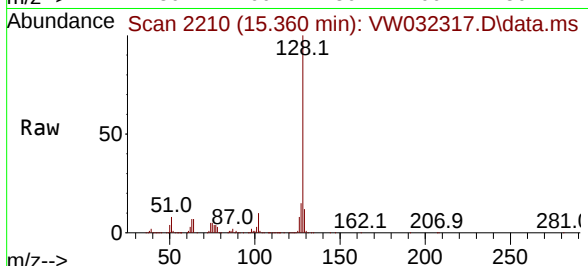


#95
Naphthalene
Concen: 104.900 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1054202

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 101.292 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032317.D
Acq: 01 Oct 2025 14:59

Tgt Ion:180 Resp: 399527

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.7	143.1
145	36.1	17.2	51.6

