

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102025\
 Data File : VW032381.D
 Acq On : 20 Oct 2025 12:03
 Operator : SY/MD
 Sample : VW1020SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01

Quant Time: Oct 21 01:24:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	280654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	507546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	481210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	239754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	217533	53.141	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 106.280%	
35) Dibromofluoromethane	7.898	113	179061	54.477	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 108.960%	
50) Toluene-d8	10.325	98	661666	54.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.617	95	242303	52.844	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 105.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	38260	21.725	ug/l	90
3) Chloromethane	2.259	50	54381	20.012	ug/l	99
4) Vinyl Chloride	2.405	62	69484	21.417	ug/l	99
5) Bromomethane	2.820	94	51628	21.655	ug/l	94
6) Chloroethane	2.966	64	46314	21.623	ug/l	99
7) Trichlorofluoromethane	3.308	101	52367	21.558	ug/l	97
8) Diethyl Ether	3.722	74	45743	21.732	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.100	101	59942	20.574	ug/l	95
10) Methyl Iodide	4.301	142	94105	22.637	ug/l	98
11) Tert butyl alcohol	5.222	59	29901	96.501	ug/l	100
12) 1,1-Dichloroethene	4.082	96	68420	21.631	ug/l	95
13) Acrolein	3.936	56	35875	71.340	ug/l	97
14) Allyl chloride	4.704	41	111568	20.883	ug/l	90
15) Acrylonitrile	5.405	53	118234	107.973	ug/l	98
16) Acetone	4.161	43	129324	114.096	ug/l	100
17) Carbon Disulfide	4.423	76	186017	21.554	ug/l	98
18) Methyl Acetate	4.710	43	67884	20.907	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	132675	21.297	ug/l	96
20) Methylene Chloride	4.954	84	85418	19.504	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	75118	21.451	ug/l	93
22) Diisopropyl ether	6.344	45	237926	21.414	ug/l	94
23) Vinyl Acetate	6.283	43	795696	107.218	ug/l	99
24) 1,1-Dichloroethane	6.246	63	145116	21.498	ug/l	99
25) 2-Butanone	7.197	43	163261	105.758	ug/l	97
26) 2,2-Dichloropropane	7.185	77	80056	23.186	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	89110	21.181	ug/l	93
28) Bromochloromethane	7.532	49	68220	21.481	ug/l	88
29) Tetrahydrofuran	7.551	42	101574	104.629	ug/l	97
30) Chloroform	7.697	83	154033	22.500	ug/l	98
31) Cyclohexane	7.971	56	113240	19.650	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	108696	22.406	ug/l	99
36) 1,1-Dichloropropene	8.099	75	99568	21.464	ug/l	97
37) Ethyl Acetate	7.270	43	69858	22.625	ug/l	99
38) Carbon Tetrachloride	8.087	117	97363	22.304	ug/l	99
39) Methylcyclohexane	9.343	83	108498	19.391	ug/l	91
40) Benzene	8.337	78	317626	21.845	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	35802	21.516	ug/l	92
42) 1,2-Dichloroethane	8.410	62	104797	22.027	ug/l	99
43) Isopropyl Acetate	8.441	43	119189	21.760	ug/l	99
44) Trichloroethene	9.105	130	74572	21.903	ug/l	87
45) 1,2-Dichloropropane	9.374	63	80449	22.167	ug/l	99
46) Dibromomethane	9.465	93	51190	22.938	ug/l	96
47) Bromodichloromethane	9.654	83	117508	23.021	ug/l	98
48) Methyl methacrylate	9.441	41	57356	21.537	ug/l	94
49) 1,4-Dioxane	9.471	88	13587	445.427	ug/l #	79
51) 4-Methyl-2-Pentanone	10.215	43	354720	111.810	ug/l	98
52) Toluene	10.392	92	203658	22.492	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	111694	22.555	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	125815	22.056	ug/l	95
55) 1,1,2-Trichloroethane	10.788	97	67523	22.638	ug/l	95
56) Ethyl methacrylate	10.648	69	88799	21.270	ug/l	95
57) 1,3-Dichloropropane	10.934	76	116984	22.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	228377	102.786	ug/l	94
59) 2-Hexanone	10.971	43	256232	114.515	ug/l	98
60) Dibromochloromethane	11.129	129	80852	23.873	ug/l	99
61) 1,2-Dibromoethane	11.239	107	66335	22.808	ug/l	100
64) Tetrachloroethene	10.867	164	62577	21.732	ug/l	94
65) Chlorobenzene	11.654	112	225826	21.329	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	74057	22.457	ug/l	96
67) Ethyl Benzene	11.727	91	364394	20.647	ug/l	99
68) m/p-Xylenes	11.837	106	287294	42.215	ug/l	100
69) o-Xylene	12.166	106	131683	20.691	ug/l	97
70) Styrene	12.178	104	242035	21.782	ug/l	97
71) Bromoform	12.349	173	44334	23.454	ug/l #	100
73) Isopropylbenzene	12.458	105	324846	19.804	ug/l	100
74) N-amyl acetate	12.269	43	109272	20.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	88855	21.817	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	109541	34.719	ug/l	38
77) Bromobenzene	12.745	156	84499	21.370	ug/l	90
78) n-propylbenzene	12.800	91	420117	20.504	ug/l	96
79) 2-Chlorotoluene	12.891	91	258195	20.609	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	292510	20.623	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	28345	22.759	ug/l	91
82) 4-Chlorotoluene	12.983	91	277521	20.836	ug/l	99
83) tert-Butylbenzene	13.202	119	232552	19.983	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	302270	20.959	ug/l	99
85) sec-Butylbenzene	13.379	105	358589	20.163	ug/l	98
86) p-Isopropyltoluene	13.495	119	297141	20.136	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	171969	21.478	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	168290	21.021	ug/l	98
89) n-Butylbenzene	13.818	91	291522	20.234	ug/l	98
90) Hexachloroethane	14.086	117	61557	23.273	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	154465	21.342	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16422	23.030	ug/l	83
93) 1,2,4-Trichlorobenzene	15.129	180	87912	20.256	ug/l	94
94) Hexachlorobutadiene	15.232	225	43154	21.748	ug/l	96
95) Naphthalene	15.360	128	208869	20.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	85615	20.929	ug/l	100

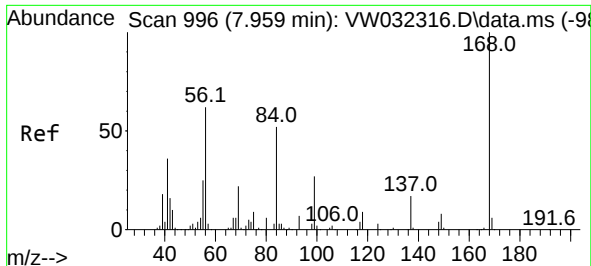
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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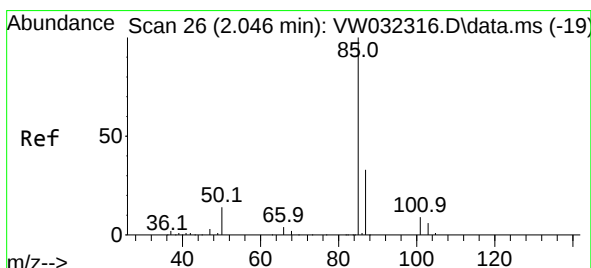
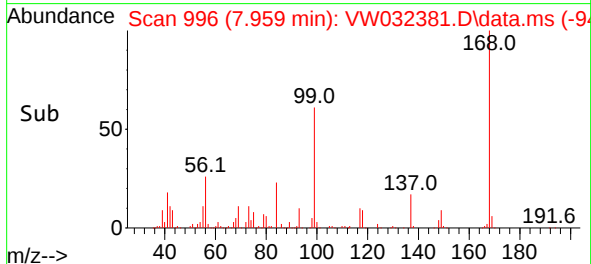
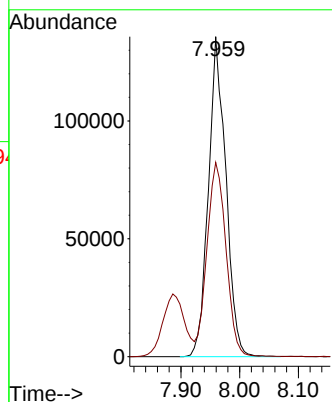
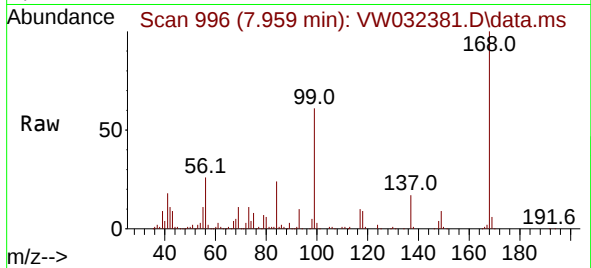
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

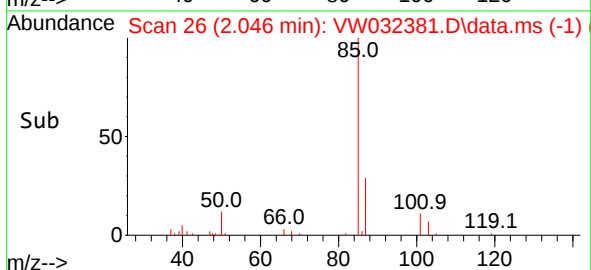
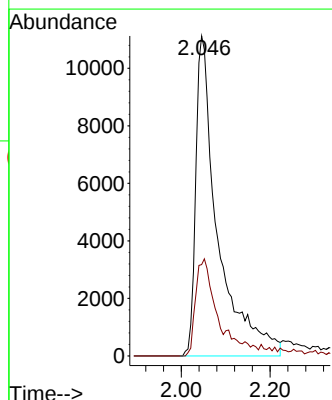
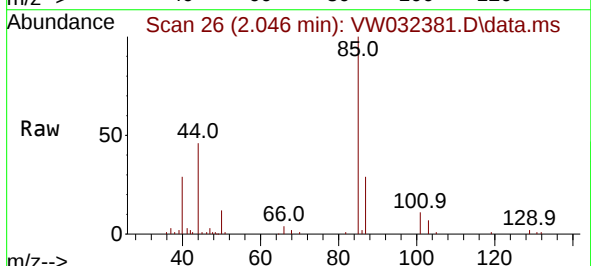
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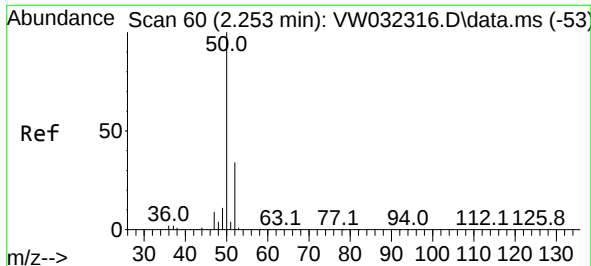
Tgt Ion:168 Resp: 280654
Ion Ratio Lower Upper
168 100
99 60.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 21.725 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 85 Resp: 38260
Ion Ratio Lower Upper
85 100
87 28.5 17.2 51.6

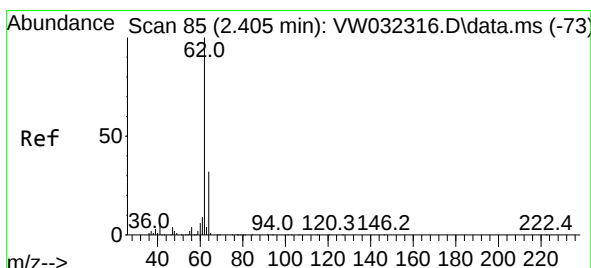
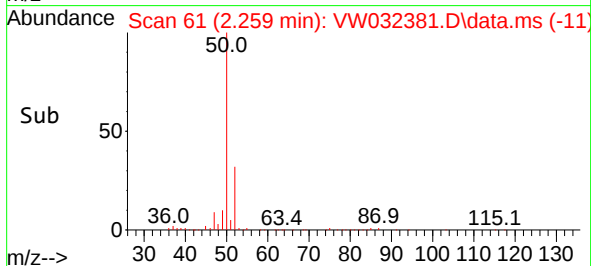
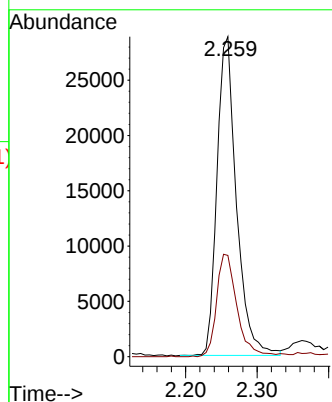
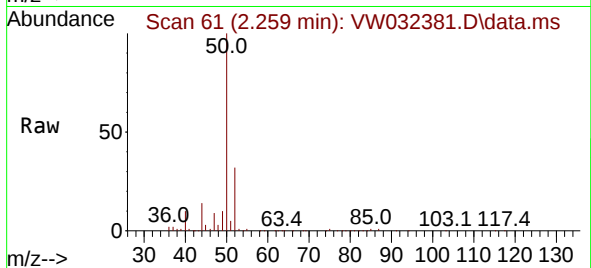




#3
Chloromethane
Concen: 20.012 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

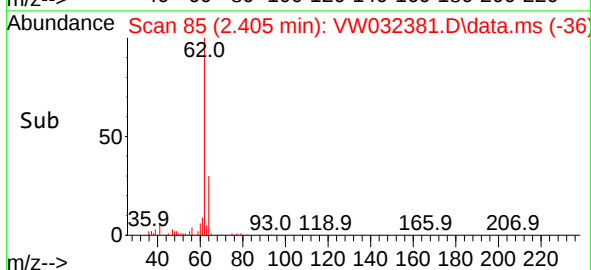
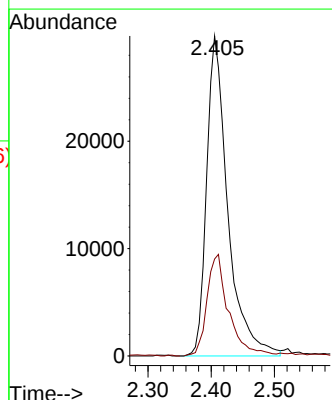
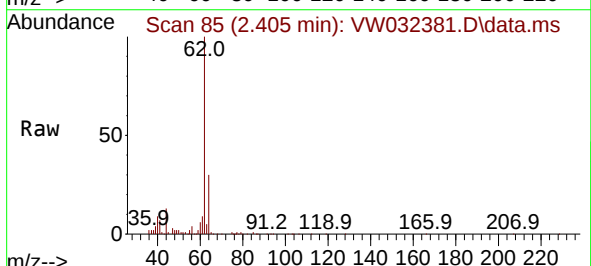
Instrument :
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ClientSampleId :
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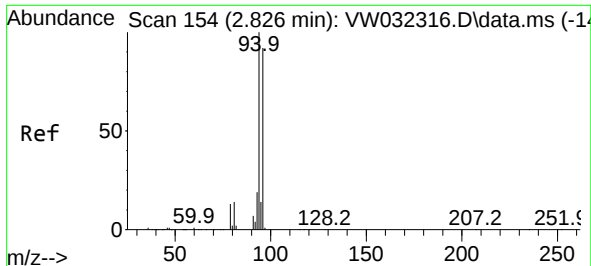
Tgt Ion: 50 Resp: 54381
Ion Ratio Lower Upper
50 100
52 31.8 26.1 39.1



#4
Vinyl Chloride
Concen: 21.417 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 62 Resp: 69484
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2

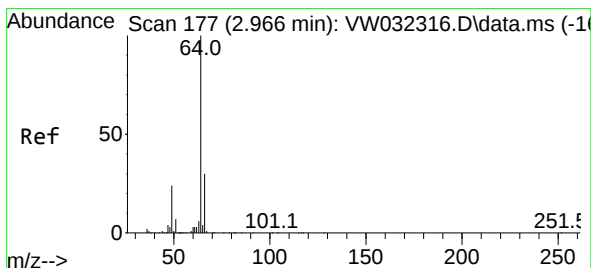
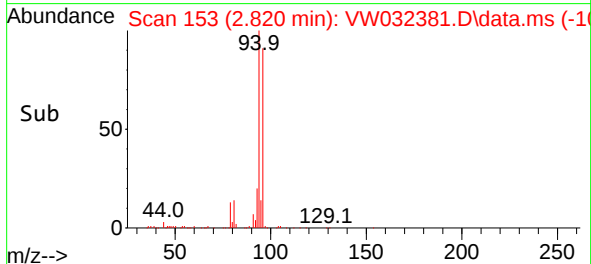
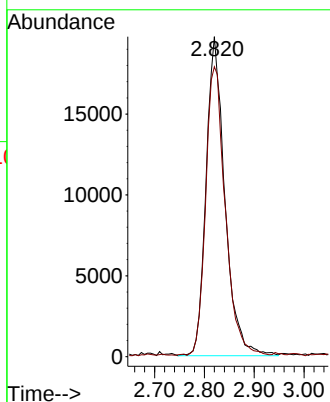
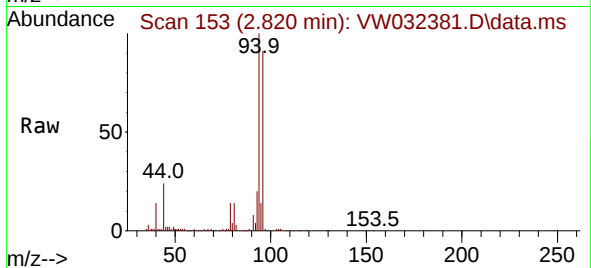




#5
Bromomethane
Concen: 21.655 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

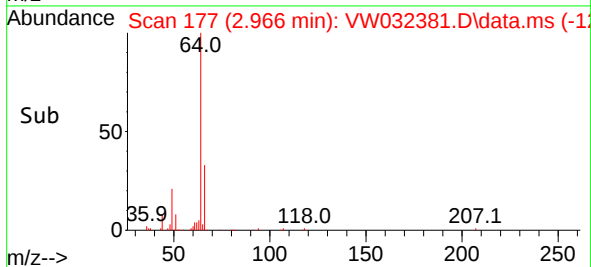
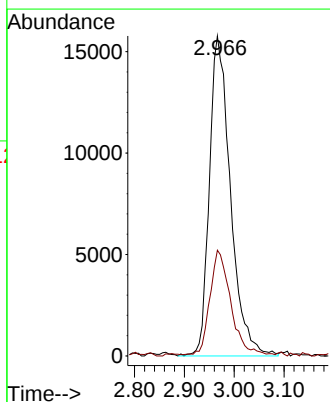
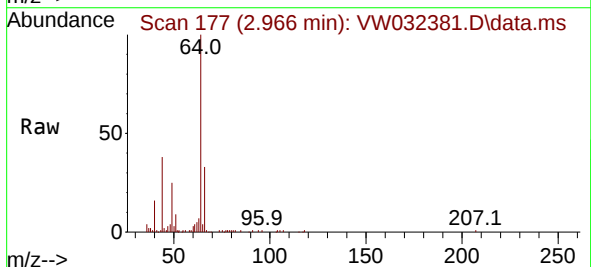
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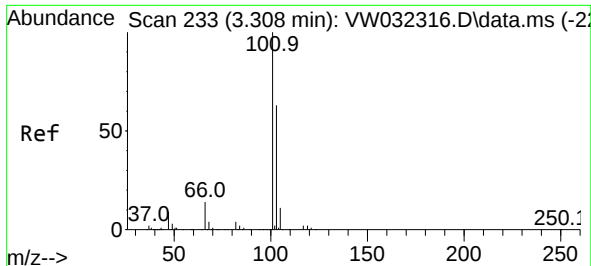
Tgt Ion: 94 Resp: 51628
Ion Ratio Lower Upper
94 100
96 90.3 76.6 115.0



#6
Chloroethane
Concen: 21.623 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 64 Resp: 46314
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

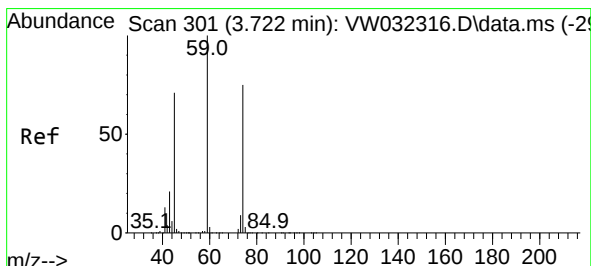
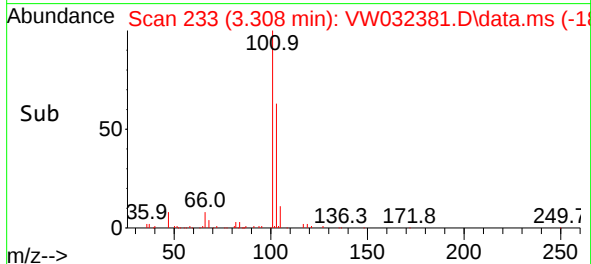
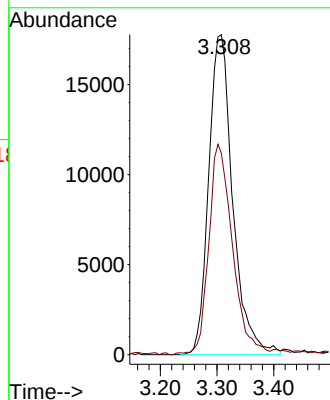
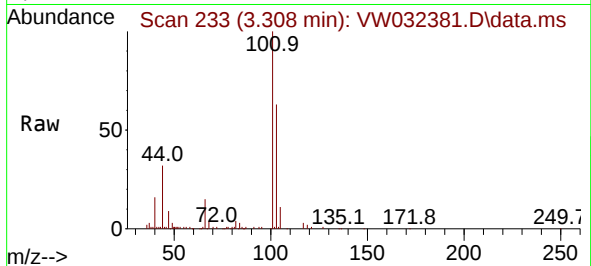




#7
 Trichlorofluoromethane
 Concen: 21.558 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

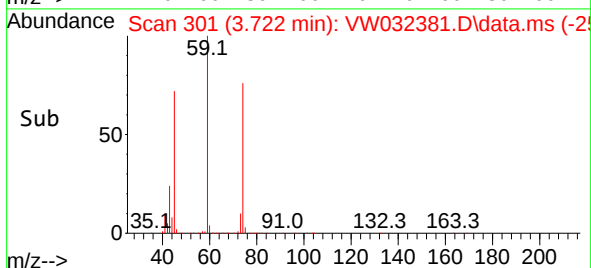
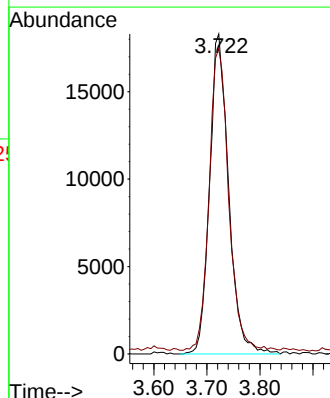
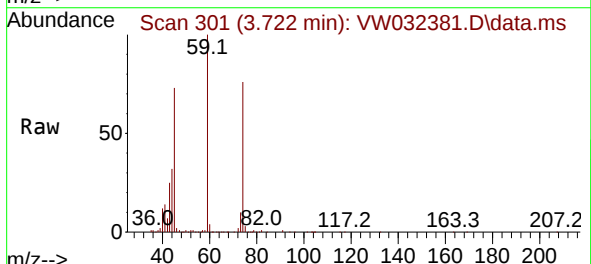
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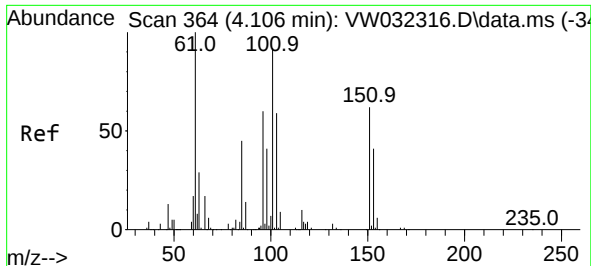
Tgt Ion:101 Resp: 52367
 Ion Ratio Lower Upper
 101 100
 103 62.3 47.8 71.8



#8
 Diethyl Ether
 Concen: 21.732 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Tgt Ion: 74 Resp: 45743
 Ion Ratio Lower Upper
 74 100
 45 96.4 43.1 129.4

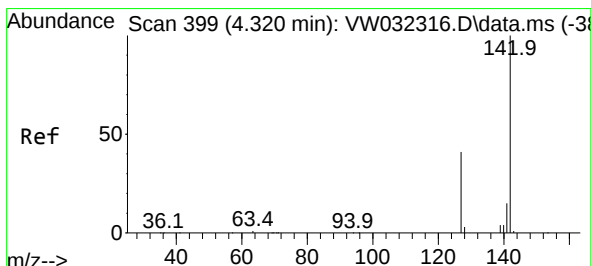
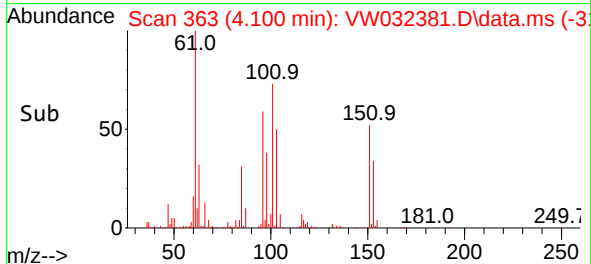
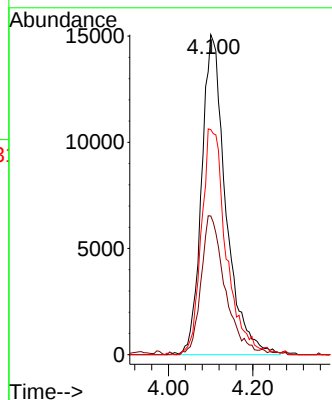
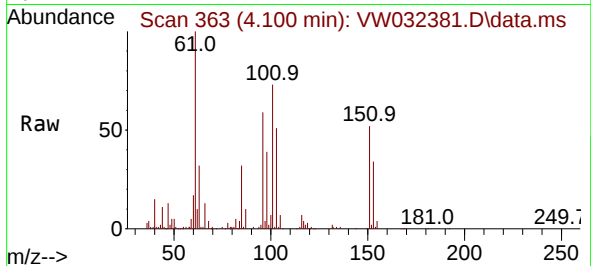




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.574 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

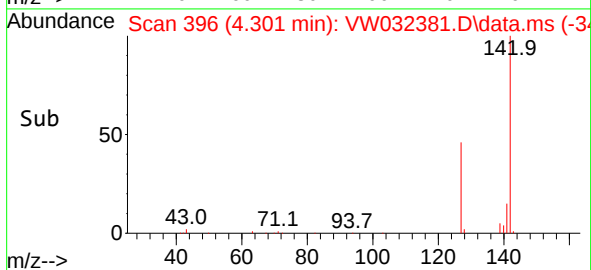
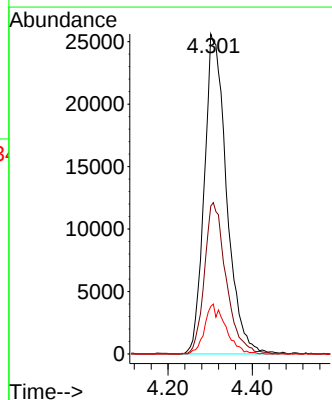
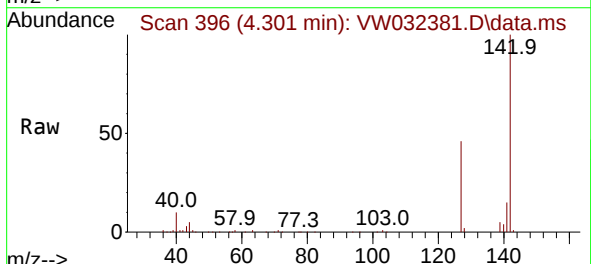
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

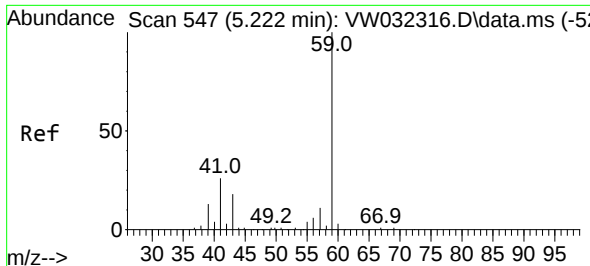
Tgt Ion:101 Resp: 59942
Ion Ratio Lower Upper
101 100
85 43.1 37.1 55.7
151 72.1 61.5 92.3



#10
Methyl Iodide
Concen: 22.637 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:142 Resp: 94105
Ion Ratio Lower Upper
142 100
127 46.0 38.2 57.2
141 14.7 12.2 18.2

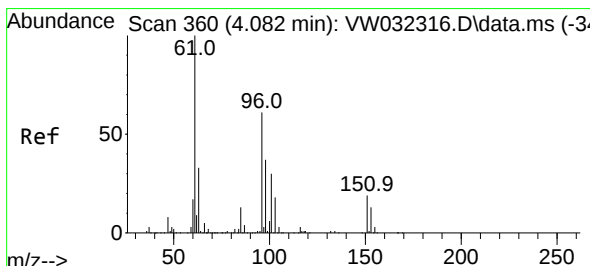
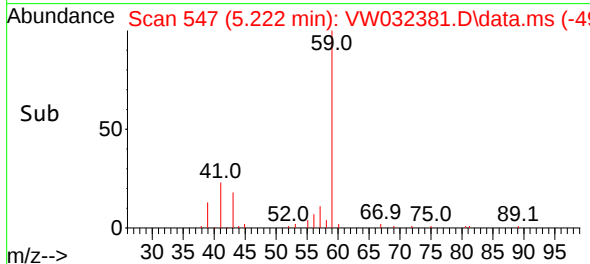
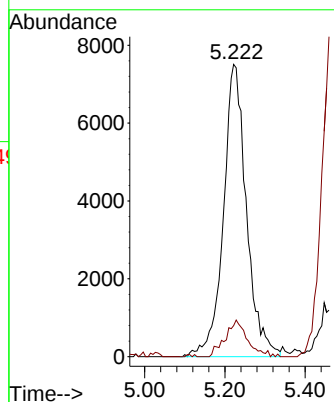
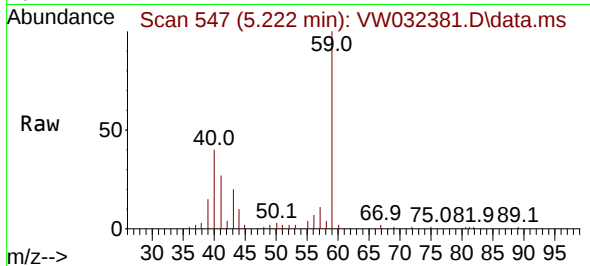




#11
Tert butyl alcohol
Concen: 96.501 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

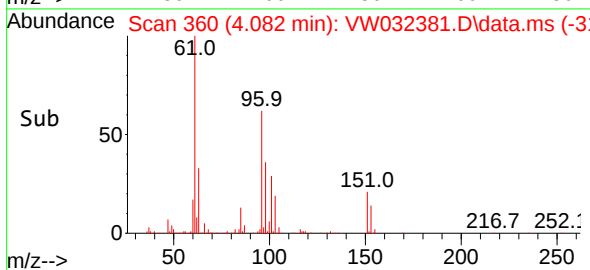
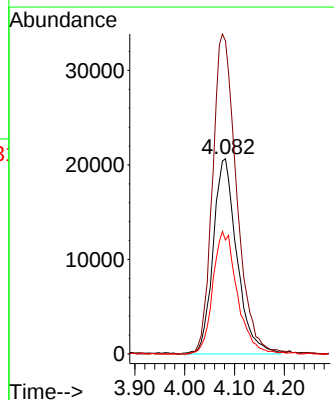
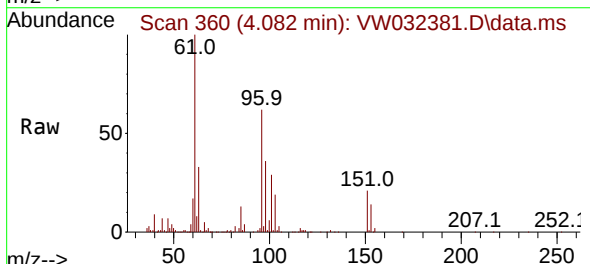
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

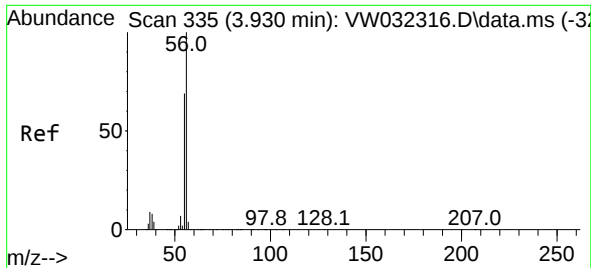
Tgt Ion: 59 Resp: 29901
Ion Ratio Lower Upper
59 100
57 12.1 9.8 14.6



#12
1,1-Dichloroethene
Concen: 21.631 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 96 Resp: 68420
Ion Ratio Lower Upper
96 100
61 160.3 123.0 184.4
98 58.3 48.5 72.7

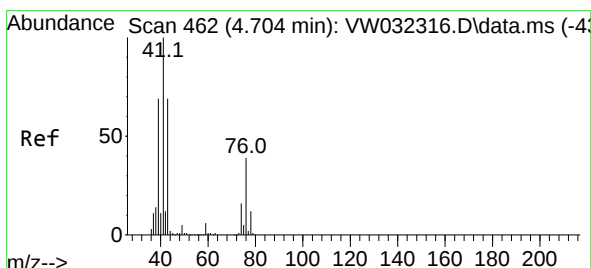
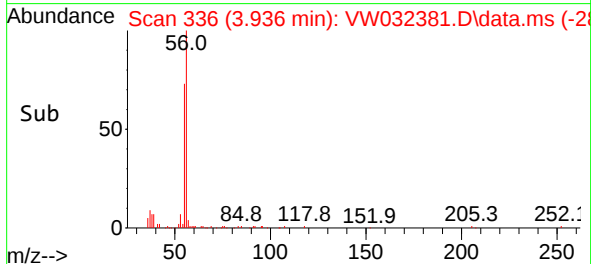
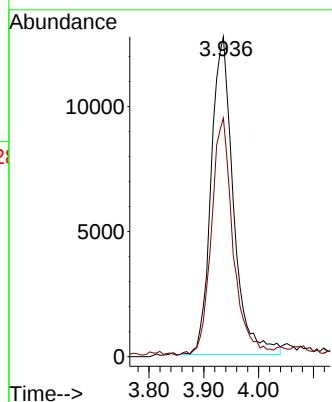
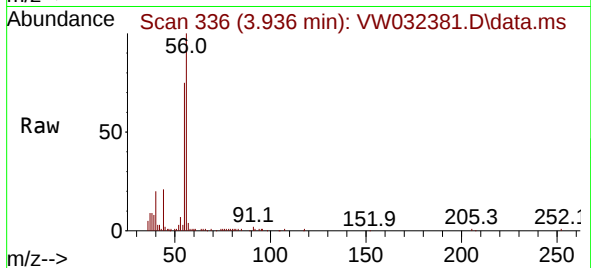




#13
Acrolein
Concen: 71.340 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

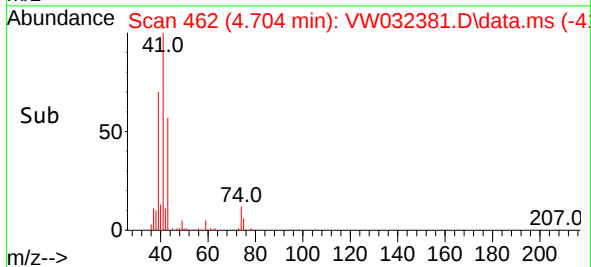
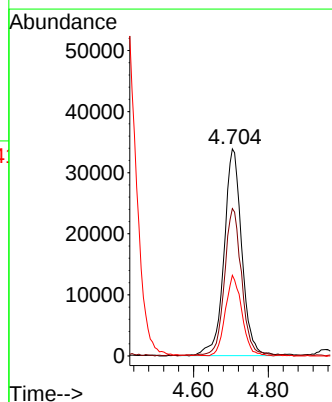
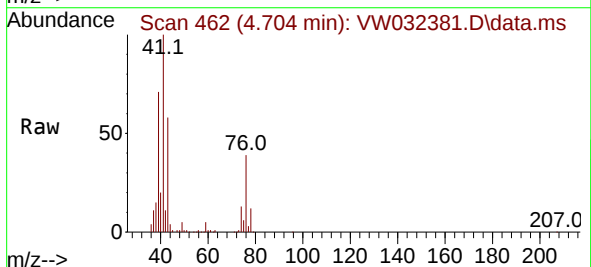
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

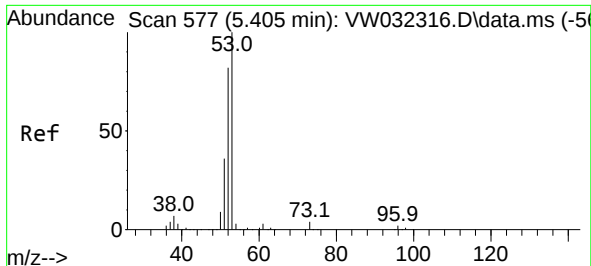
Tgt Ion: 56 Resp: 35875
Ion Ratio Lower Upper
56 100
55 72.8 56.4 84.6



#14
Allyl chloride
Concen: 20.883 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 41 Resp: 111568
Ion Ratio Lower Upper
41 100
39 69.4 64.1 96.1
76 36.4 31.4 47.2

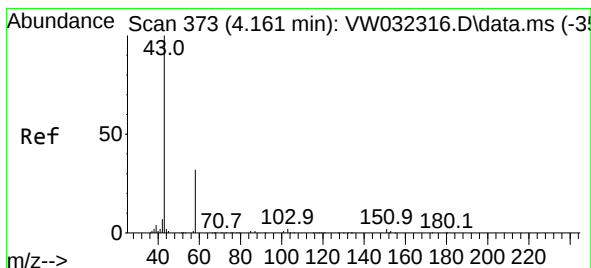
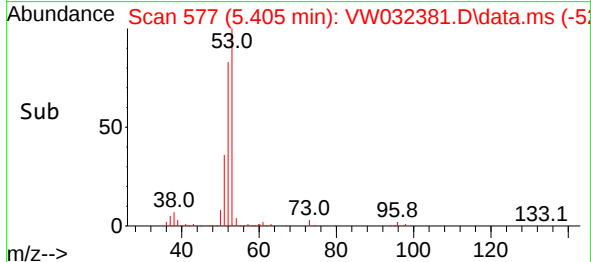
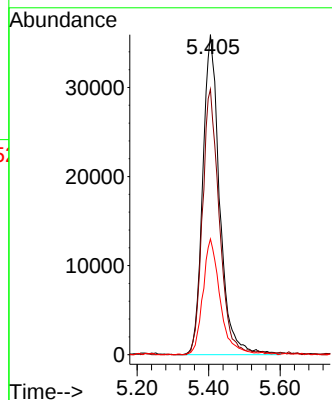
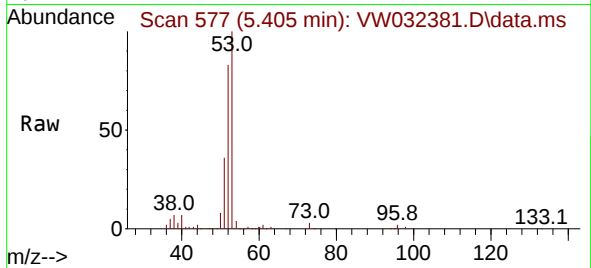




#15
Acrylonitrile
Concen: 107.973 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

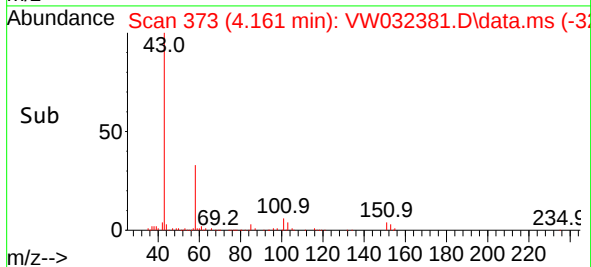
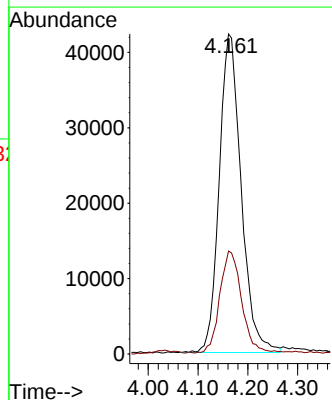
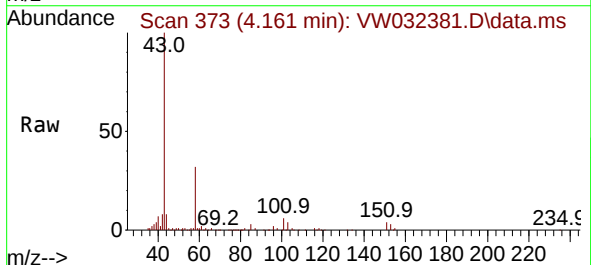
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

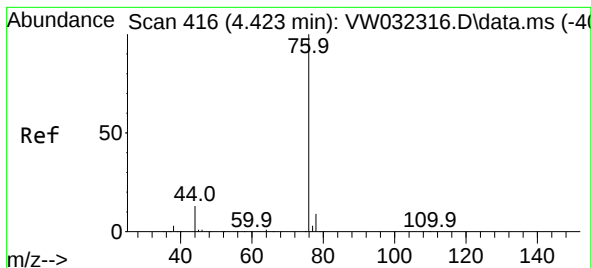
Tgt Ion: 53 Resp: 118234
Ion Ratio Lower Upper
53 100
52 82.2 67.4 101.2
51 36.8 30.3 45.5



#16
Acetone
Concen: 114.096 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 43 Resp: 129324
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





#17

Carbon Disulfide

Concen: 21.554 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

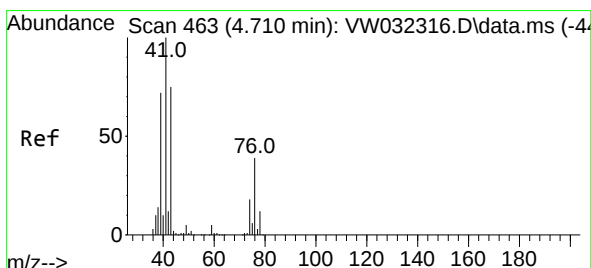
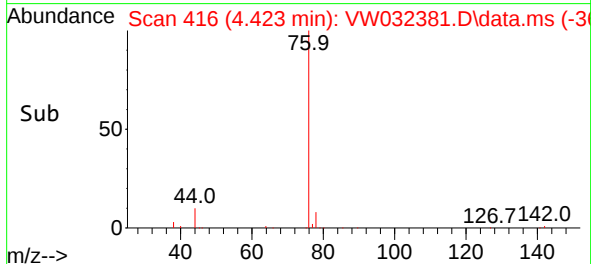
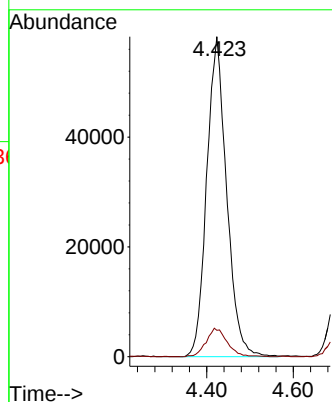
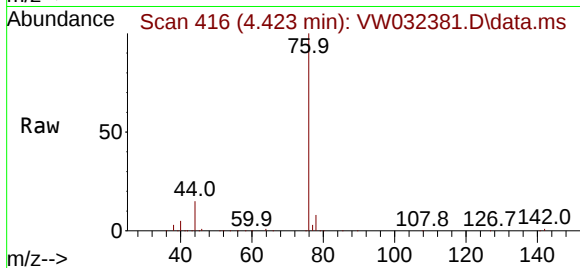
VW1020SBS01

Tgt Ion: 76 Resp: 186017

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6



#18

Methyl Acetate

Concen: 20.907 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032381.D

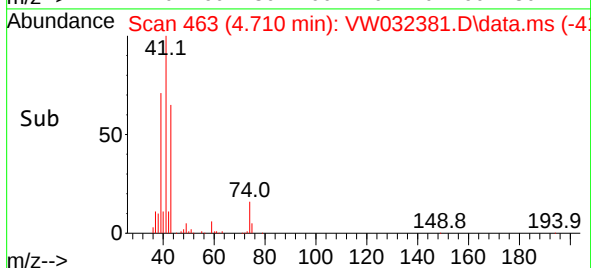
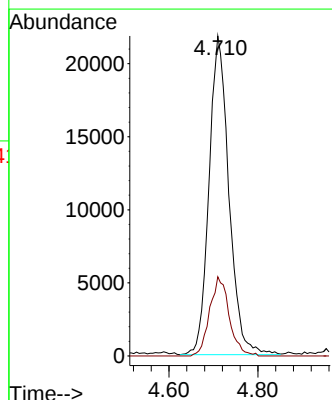
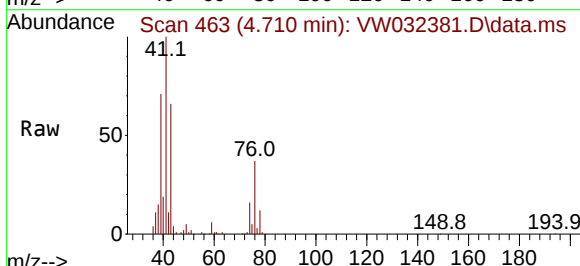
Acq: 20 Oct 2025 12:03

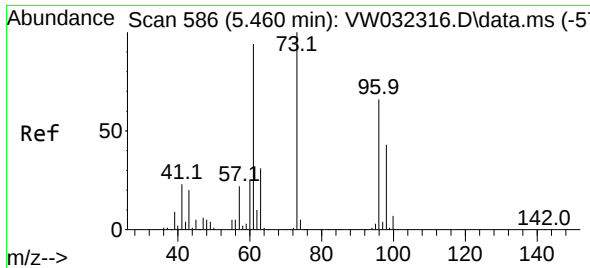
Tgt Ion: 43 Resp: 67884

Ion Ratio Lower Upper

43 100

74 24.4 20.2 30.4

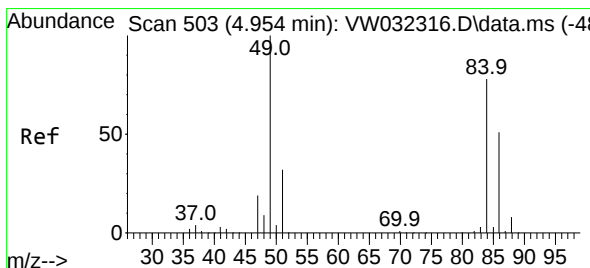
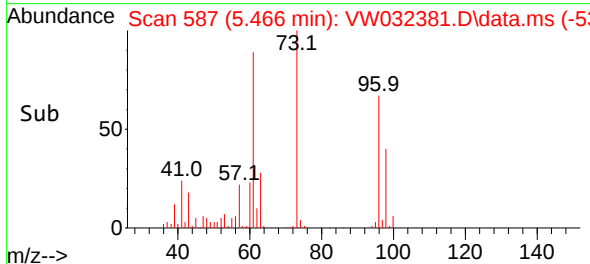
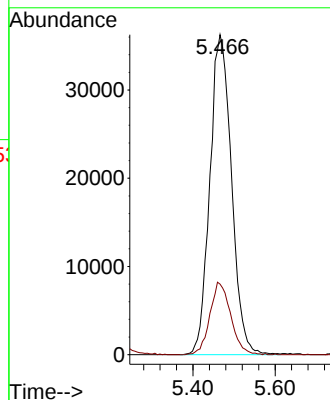
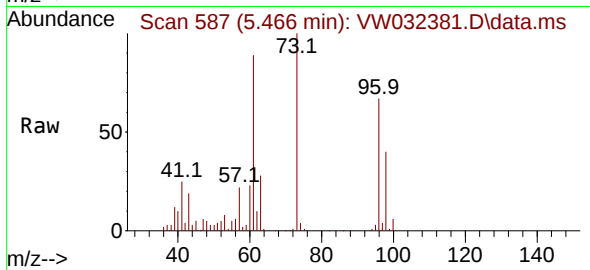




#19
Methyl tert-butyl Ether
Concen: 21.297 ug/l
RT: 5.466 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

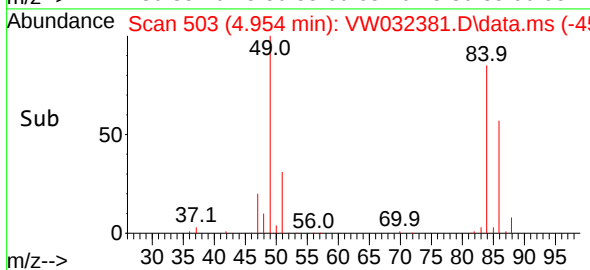
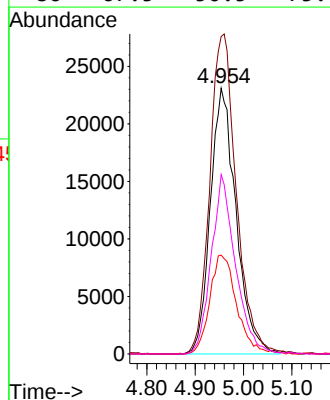
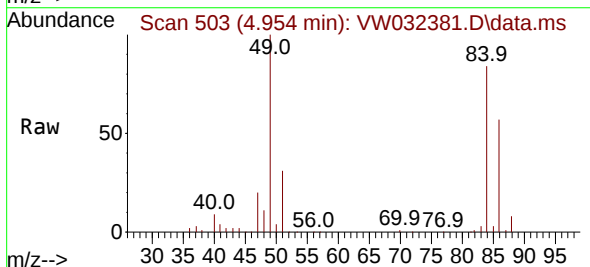
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

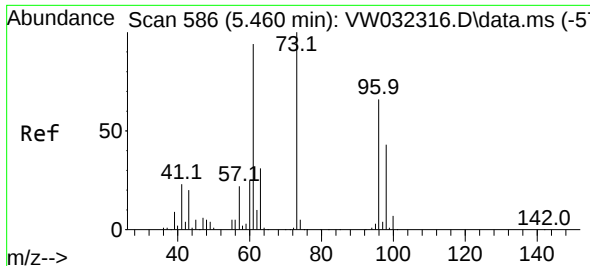
Tgt Ion: 73 Resp: 132675
Ion Ratio Lower Upper
73 100
57 22.1 16.2 24.4



#20
Methylene Chloride
Concen: 19.504 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 84 Resp: 85418
Ion Ratio Lower Upper
84 100
49 119.4 92.2 138.4
51 36.9 31.0 46.6
86 67.5 50.5 75.7

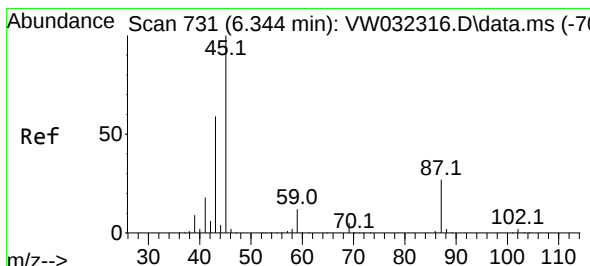
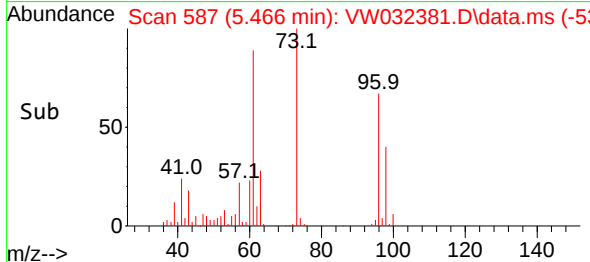
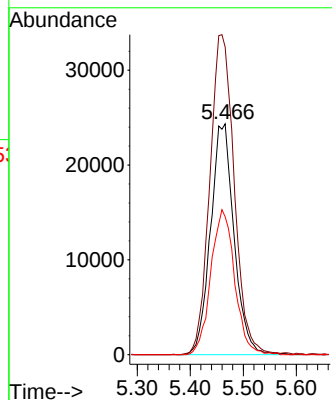
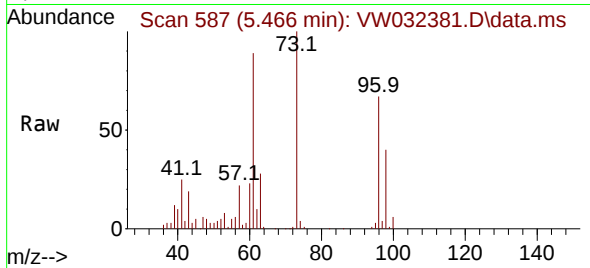




#21
trans-1,2-Dichloroethene
Concen: 21.451 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

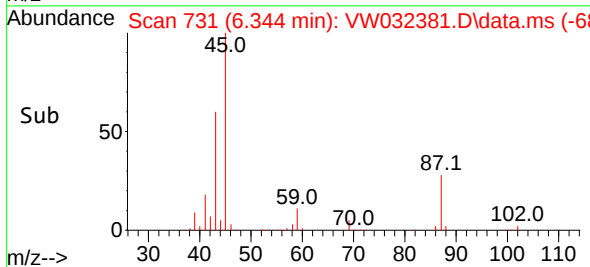
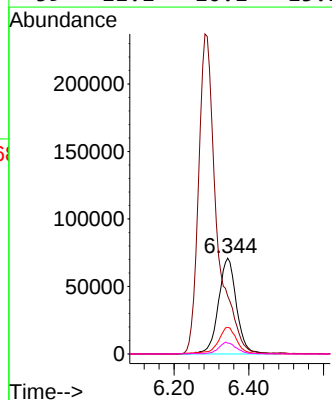
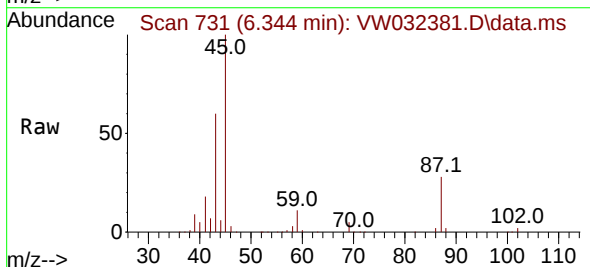
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

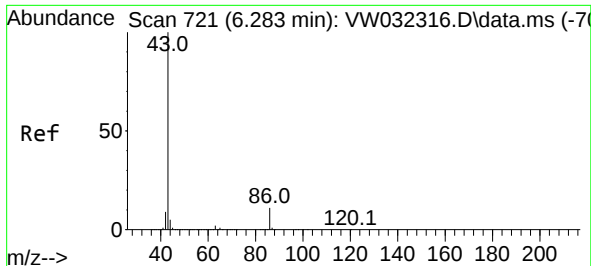
Tgt Ion: 96 Resp: 75118
Ion Ratio Lower Upper
96 100
61 133.2 112.5 168.7
98 59.7 54.2 81.4



#22
Diisopropyl ether
Concen: 21.414 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 45 Resp: 237926
Ion Ratio Lower Upper
45 100
43 60.2 51.4 77.2
87 27.6 25.9 38.9
59 11.1 10.1 15.1

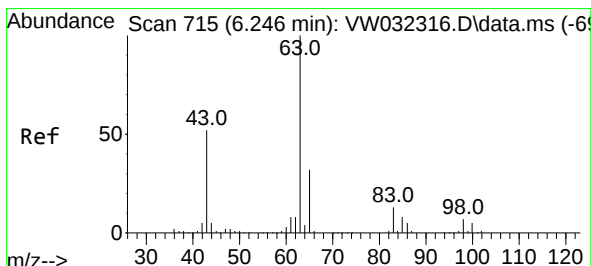
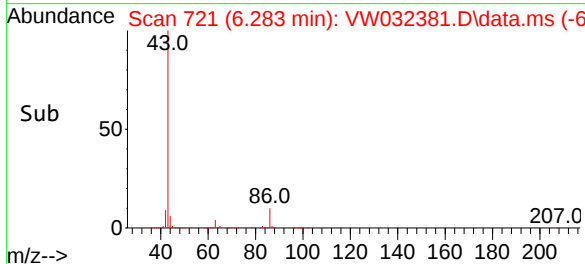
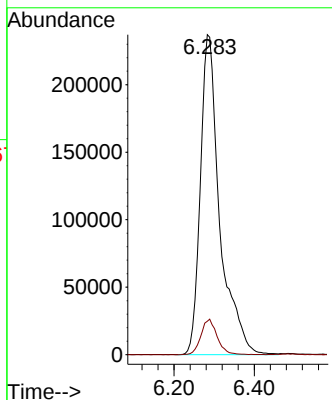
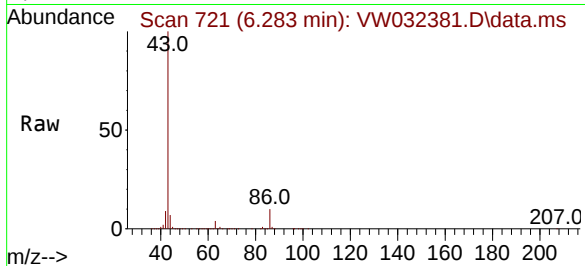




#23
 Vinyl Acetate
 Concen: 107.218 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

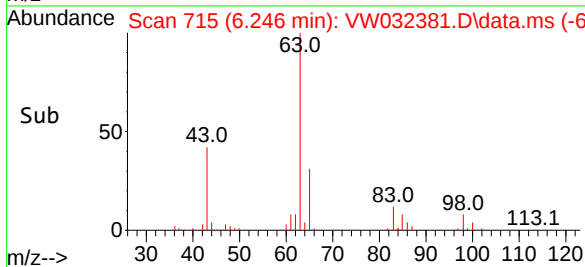
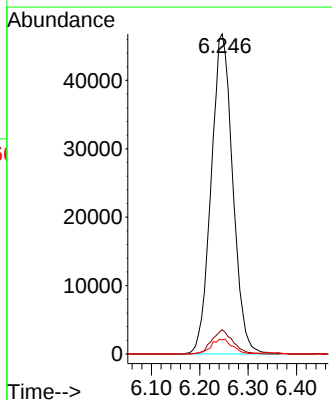
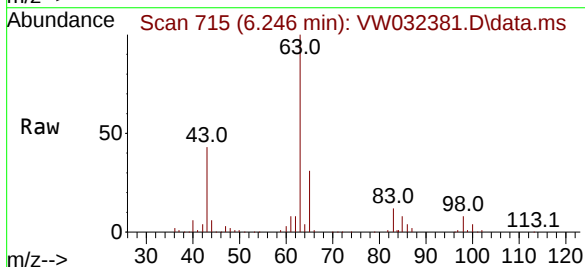
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01

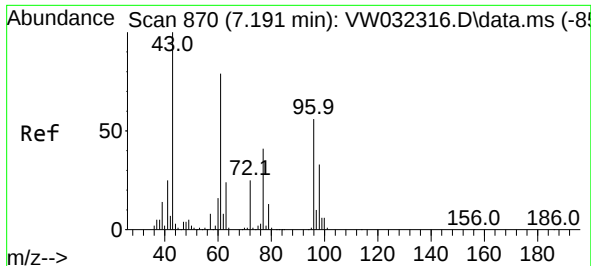
Tgt Ion: 43 Resp: 795696
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 21.498 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Tgt Ion: 63 Resp: 145116
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.5 2.5 7.5

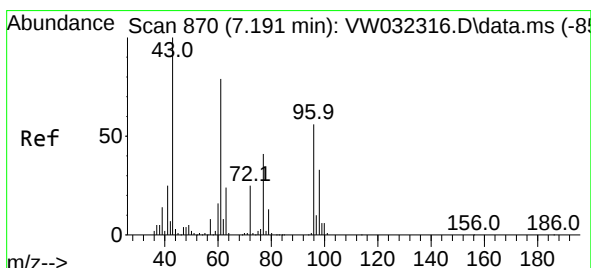
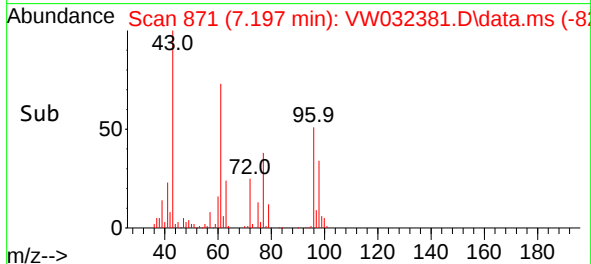
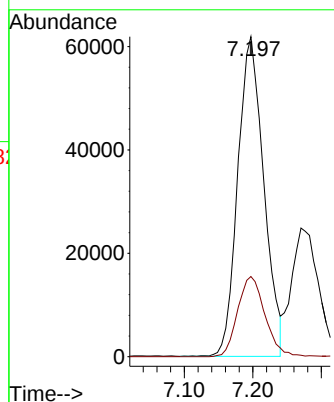
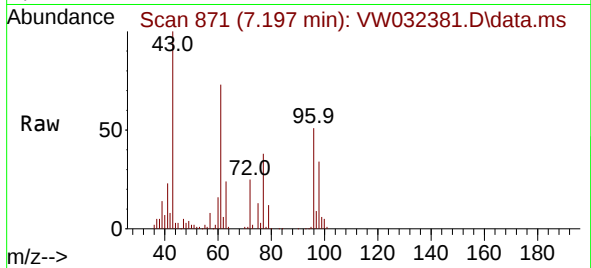




#25
2-Butanone
Concen: 105.758 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

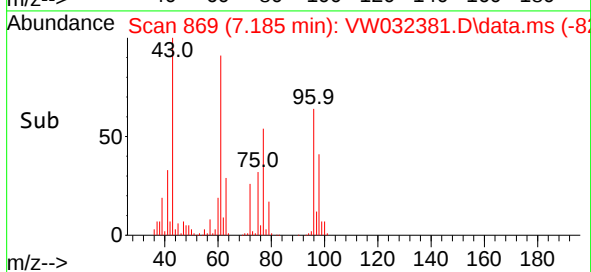
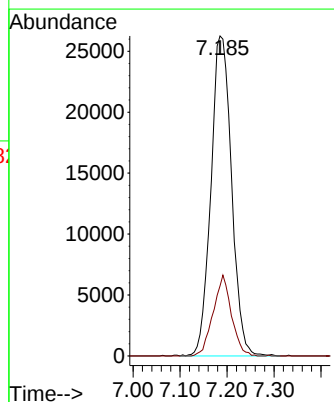
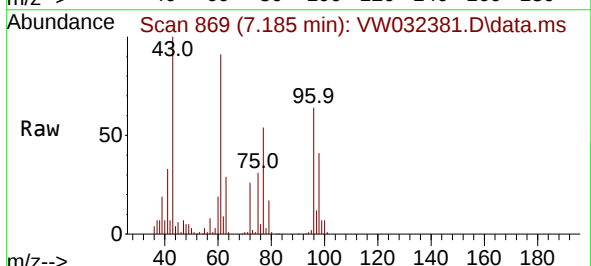
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

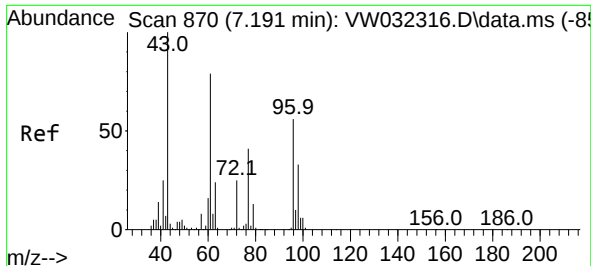
Tgt Ion: 43 Resp: 163261
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.186 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 77 Resp: 80056
Ion Ratio Lower Upper
77 100
97 22.4 11.9 35.5

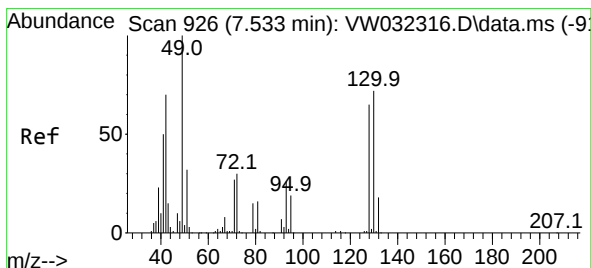
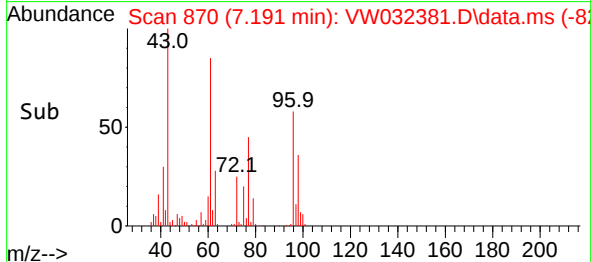
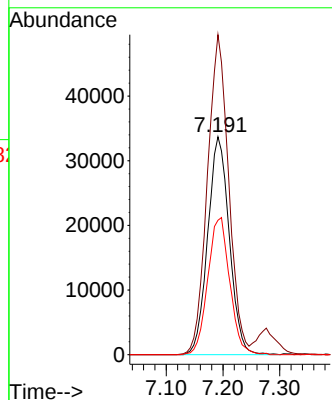
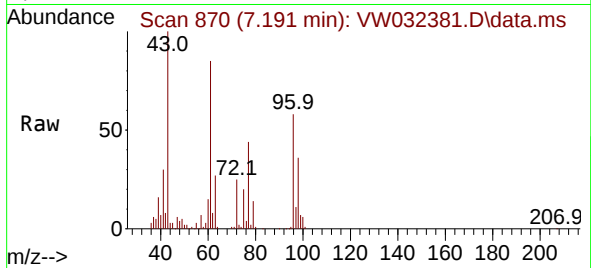




#27
cis-1,2-Dichloroethene
Concen: 21.181 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

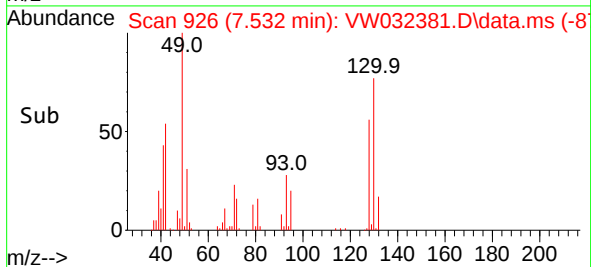
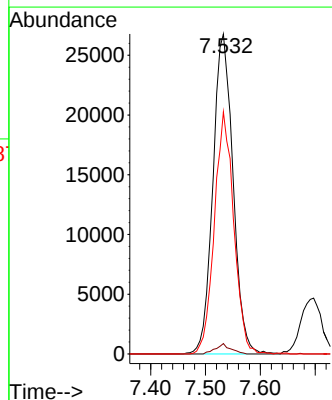
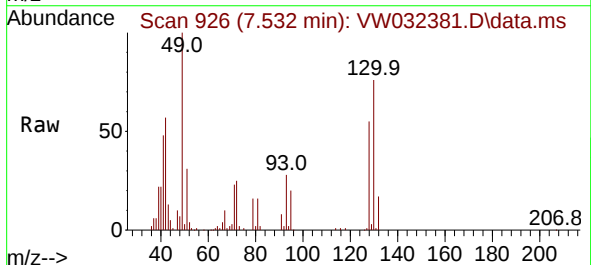
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

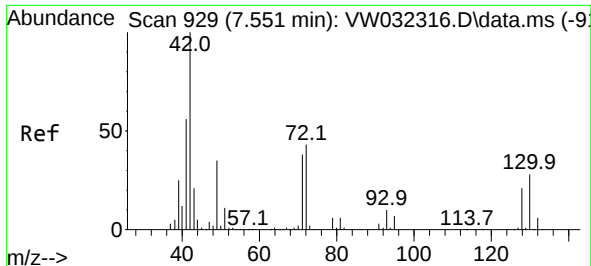
Tgt Ion: 96 Resp: 89110
Ion Ratio Lower Upper
96 100
61 144.8 0.0 268.0
98 64.1 0.0 130.8



#28
Bromochloromethane
Concen: 21.481 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 49 Resp: 68220
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 72.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 104.629 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

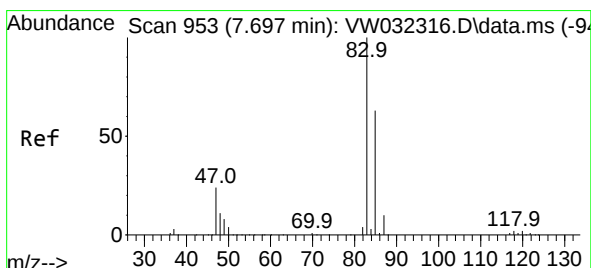
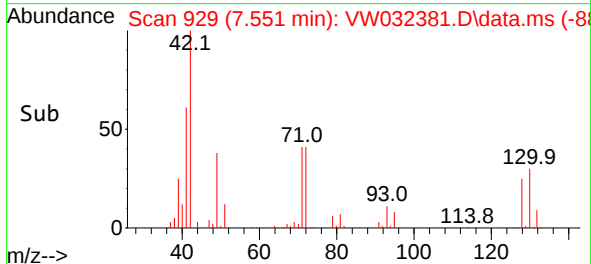
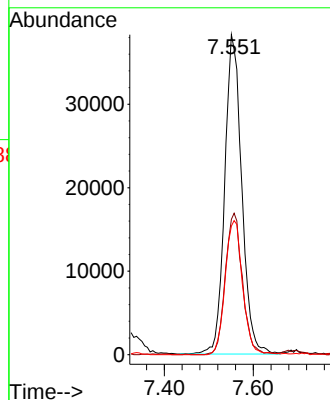
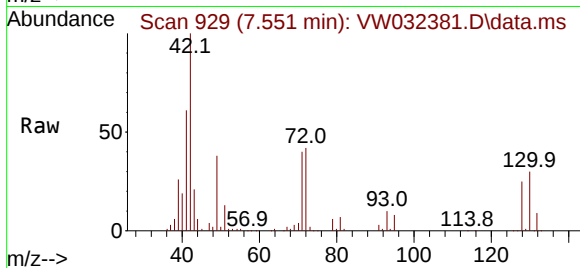
Tgt Ion: 42 Resp: 101574

Ion Ratio Lower Upper

42 100

72 44.5 37.4 56.2

71 43.2 36.0 54.0



#30

Chloroform

Concen: 22.500 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032381.D

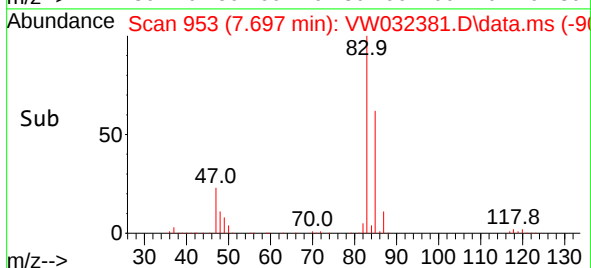
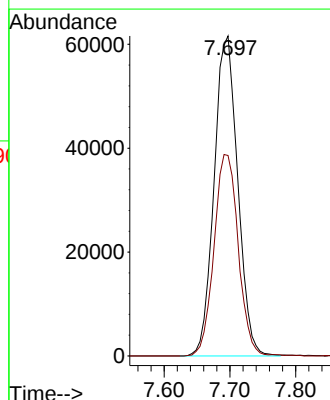
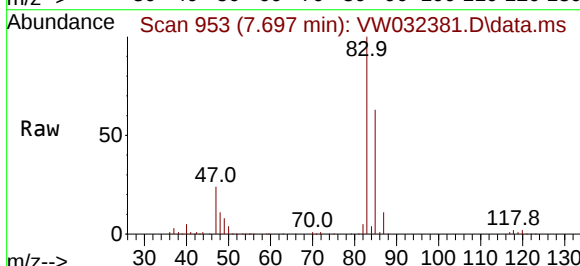
Acq: 20 Oct 2025 12:03

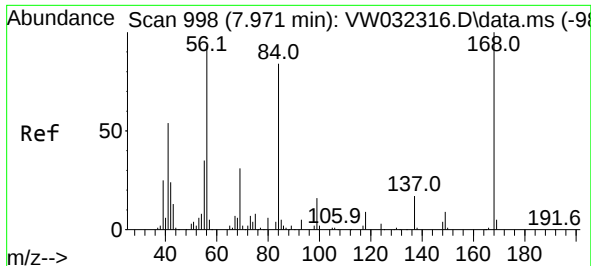
Tgt Ion: 83 Resp: 154033

Ion Ratio Lower Upper

83 100

85 62.6 51.2 76.8

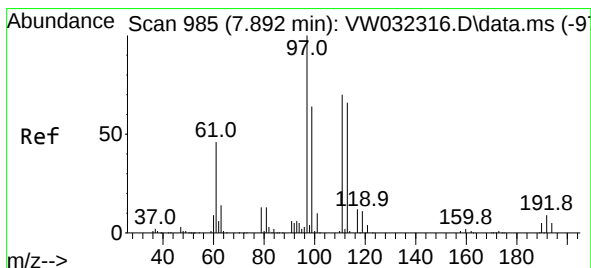
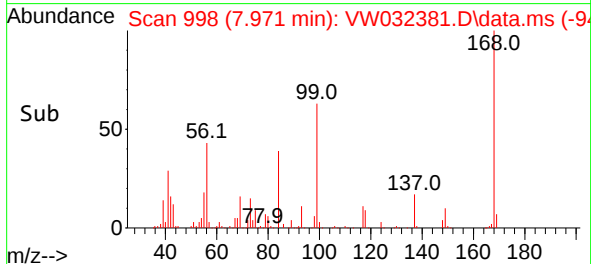
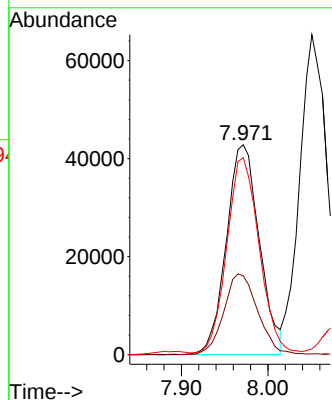
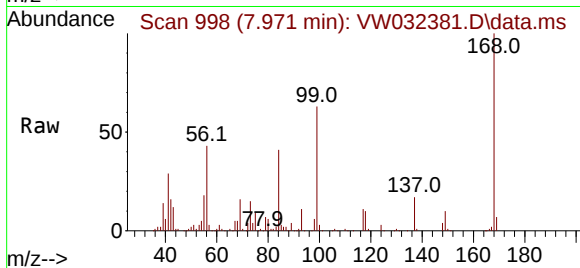




#31
Cyclohexane
Concen: 19.650 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

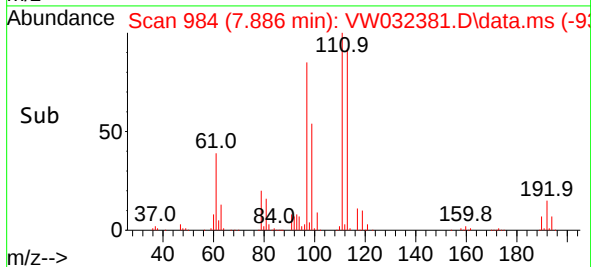
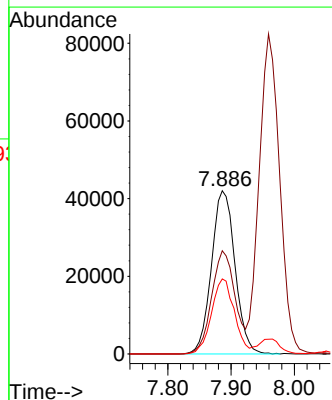
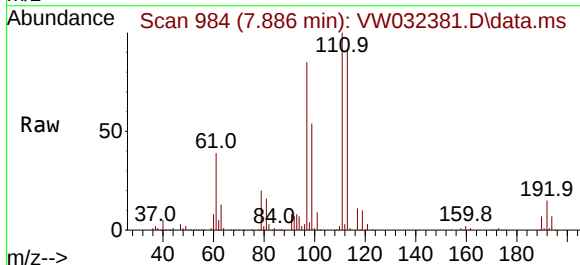
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

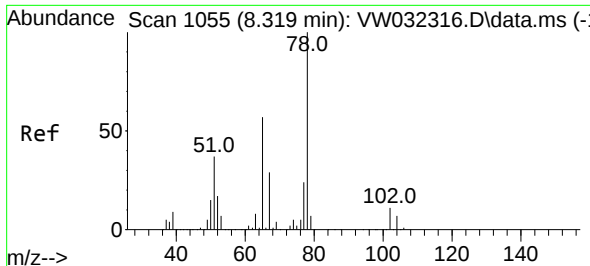
Tgt Ion: 56 Resp: 113240
Ion Ratio Lower Upper
56 100
69 37.6 27.7 41.5
84 92.5 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 22.406 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 97 Resp: 108696
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 44.6 36.2 54.4

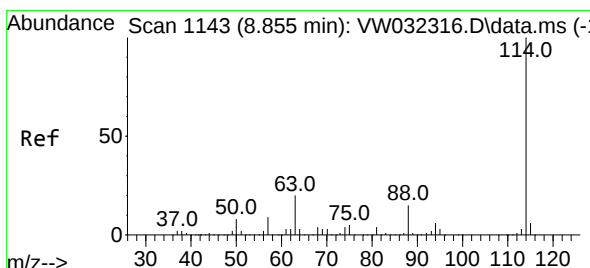
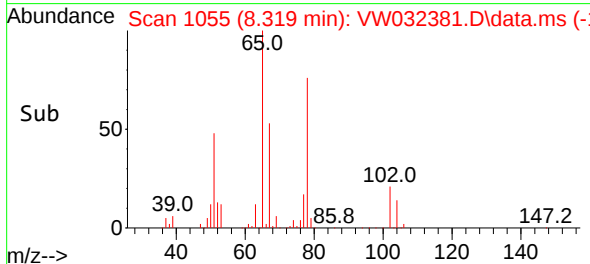
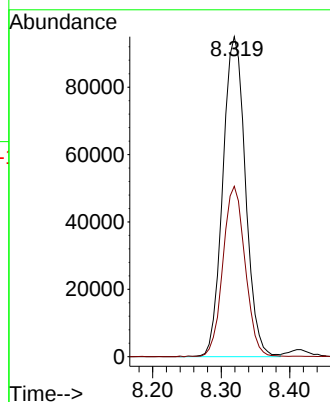
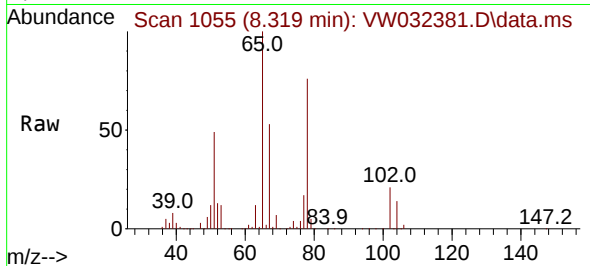




#33
 1,2-Dichloroethane-d4
 Concen: 53.141 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

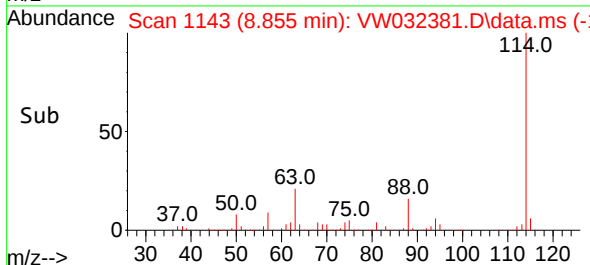
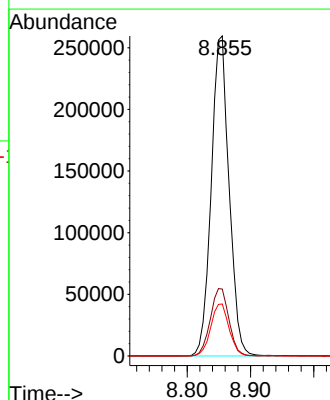
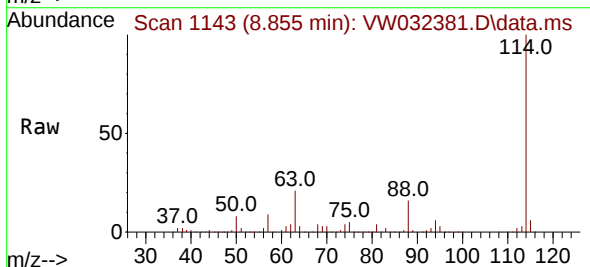
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01

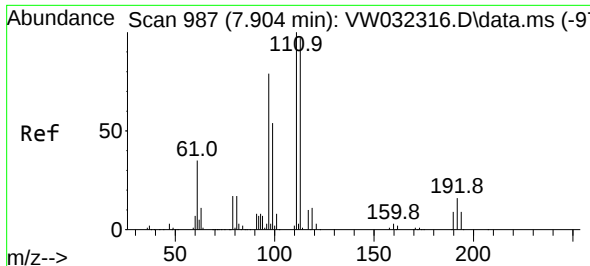
Tgt Ion: 65 Resp: 217533
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Tgt Ion: 114 Resp: 507546
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.4
 88 16.3 0.0 32.0

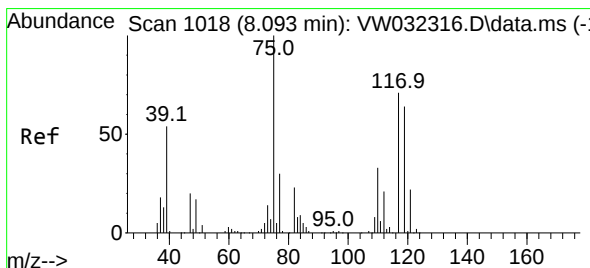
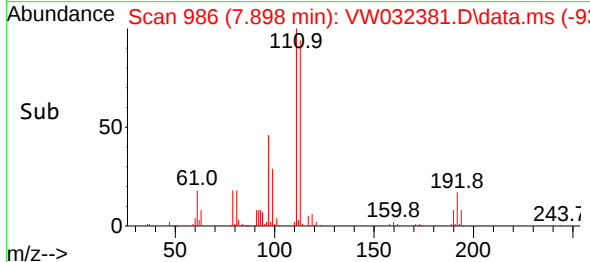
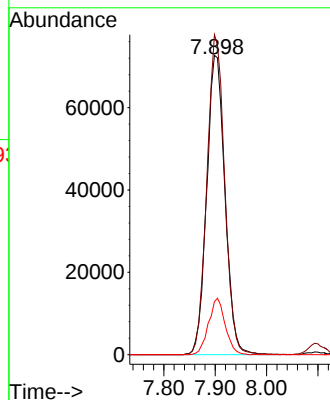
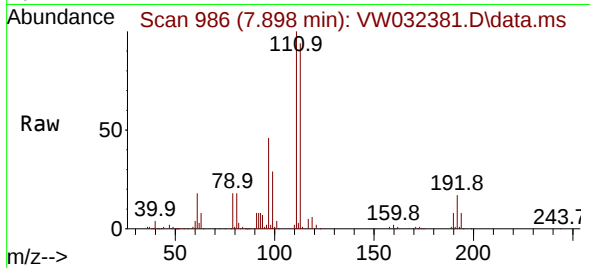




#35
Dibromofluoromethane
Concen: 54.477 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

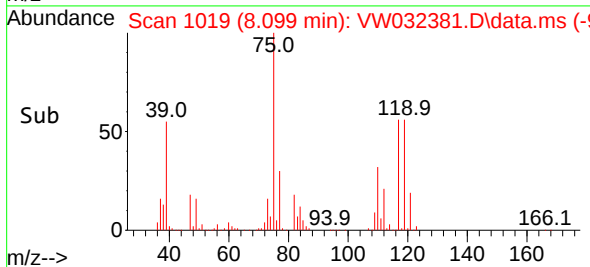
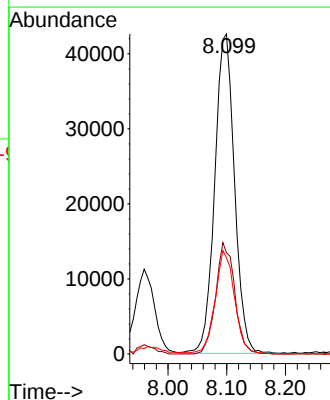
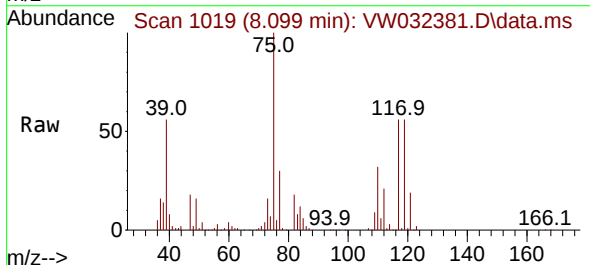
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

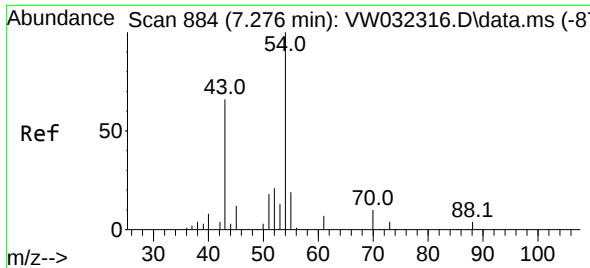
Tgt Ion:113 Resp: 179061
Ion Ratio Lower Upper
113 100
111 104.3 83.9 125.9
192 17.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 21.464 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 75 Resp: 99568
Ion Ratio Lower Upper
75 100
110 33.6 17.5 52.5
77 31.9 24.1 36.1

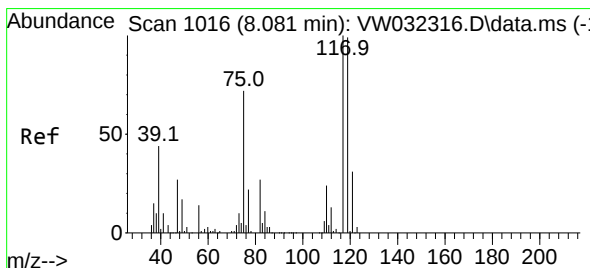
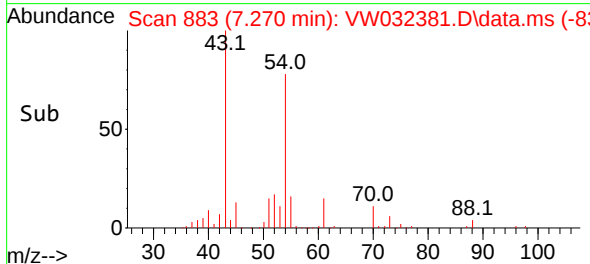
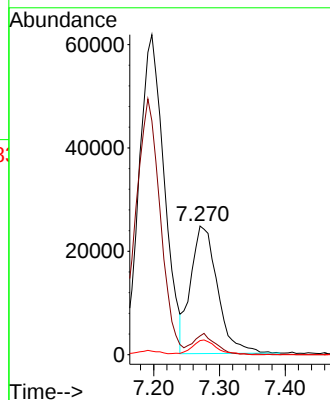
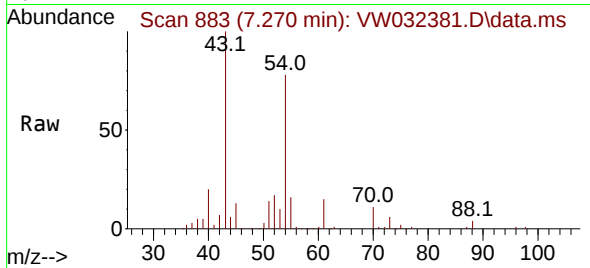




#37
Ethyl Acetate
Concen: 22.625 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

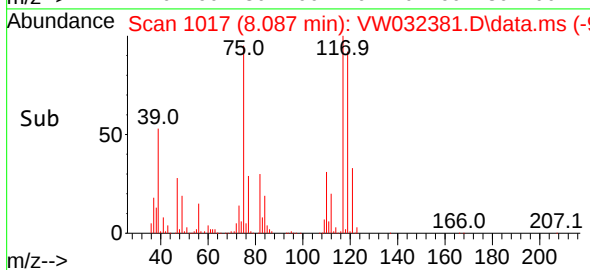
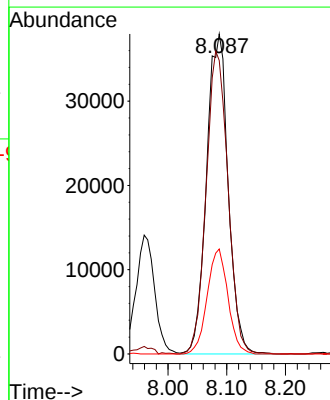
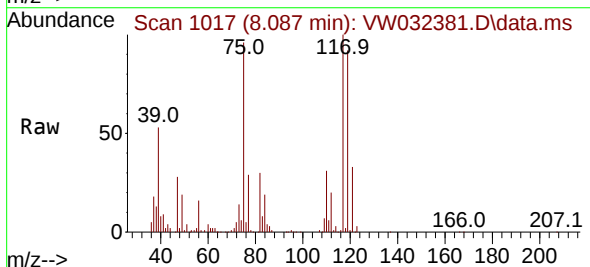
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

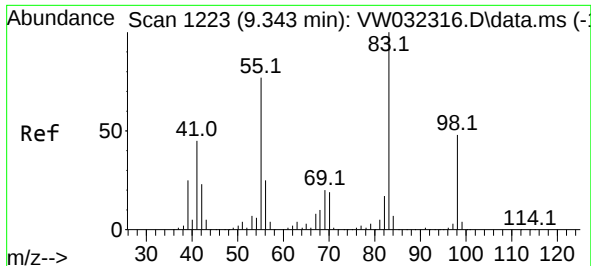
Tgt Ion:	43	Resp:	69858
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.5	8.9	13.3



#38
Carbon Tetrachloride
Concen: 22.304 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:	117	Resp:	97363
Ion	Ratio	Lower	Upper
117	100		
119	91.7	74.2	111.2
121	32.8	25.6	38.4

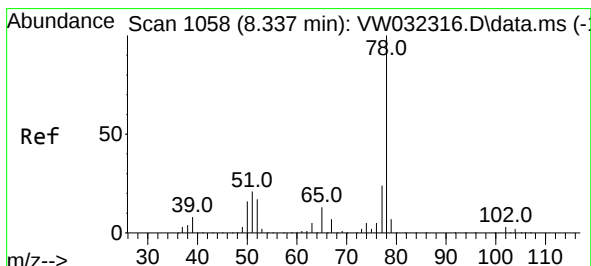
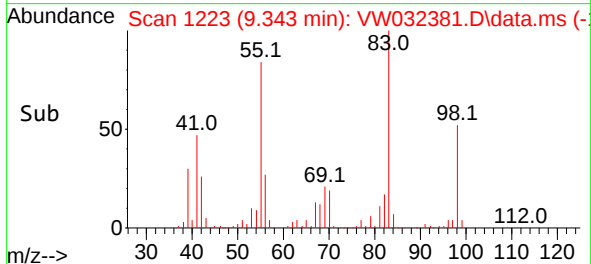
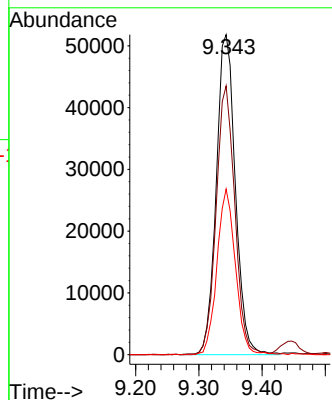
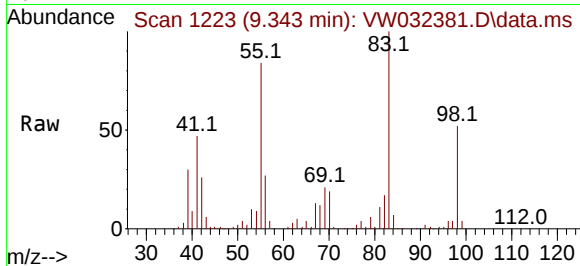




#39
Methylcyclohexane
Concen: 19.391 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

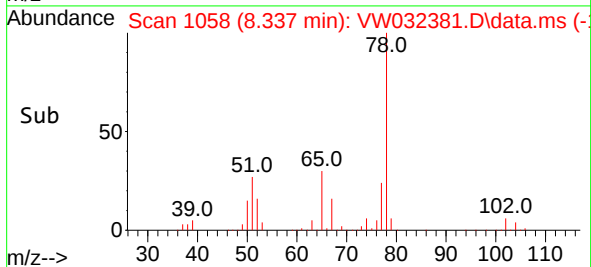
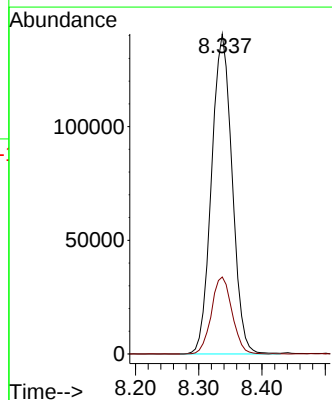
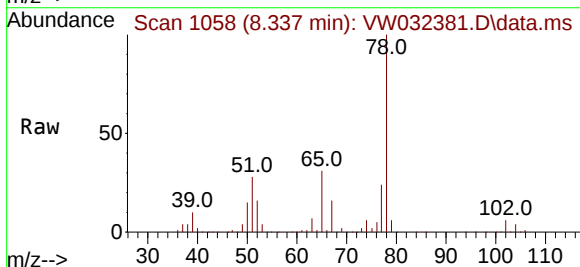
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

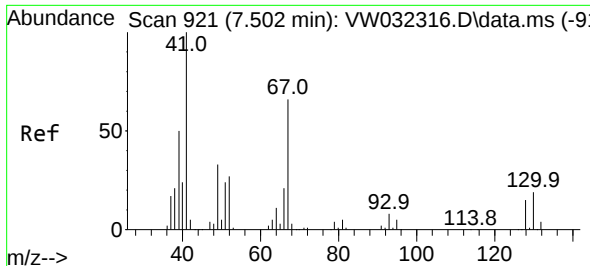
Tgt Ion: 83 Resp: 108498
Ion Ratio Lower Upper
83 100
55 84.0 58.4 87.6
98 51.7 39.4 59.2



#40
Benzene
Concen: 21.845 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 78 Resp: 317626
Ion Ratio Lower Upper
78 100
77 24.1 20.7 31.1

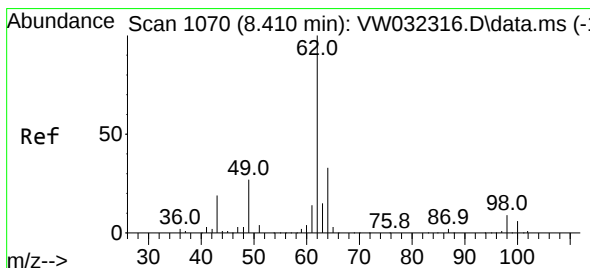
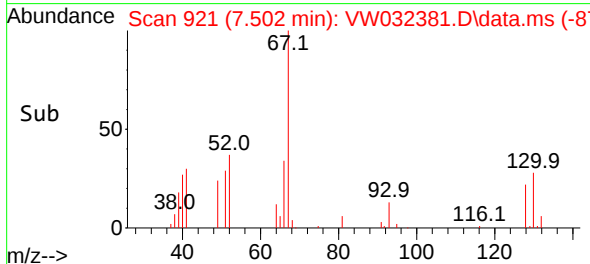
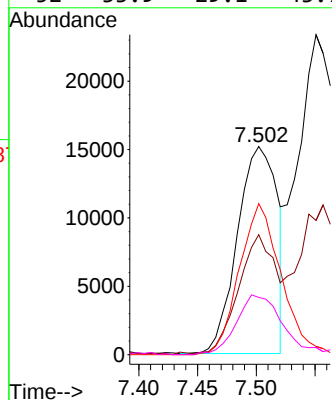
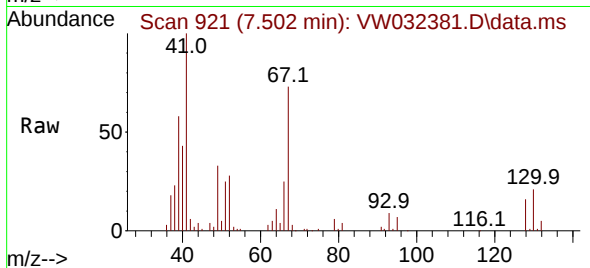




#41
Methacrylonitrile
Concen: 21.516 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

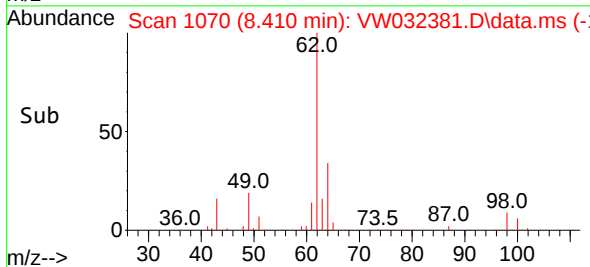
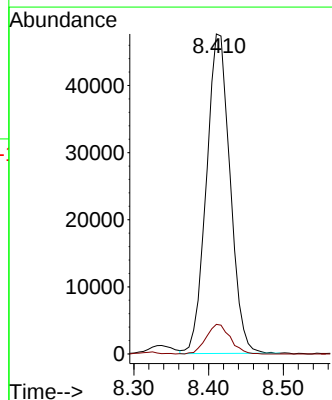
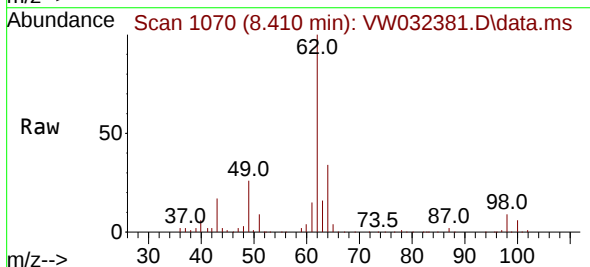
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

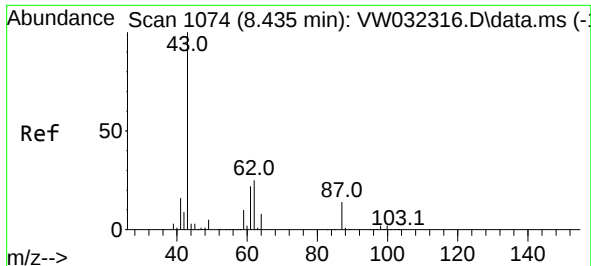
Tgt Ion:	41	Resp:	35802
Ion	Ratio	Lower	Upper
41	100		
39	53.3	50.9	76.3
67	76.7	65.6	98.4
52	33.9	29.1	43.7



#42
1,2-Dichloroethane
Concen: 22.027 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:	62	Resp:	104797
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

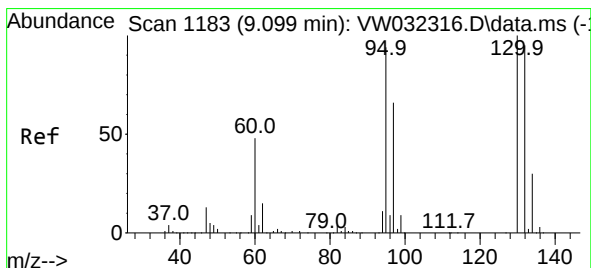
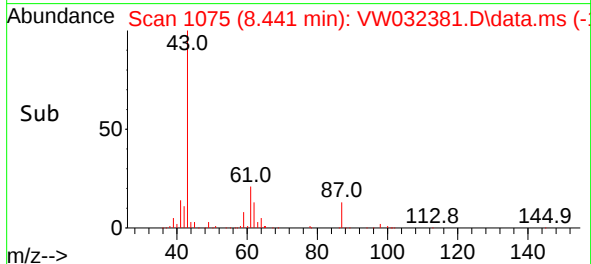
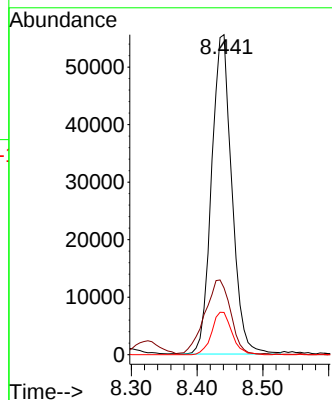
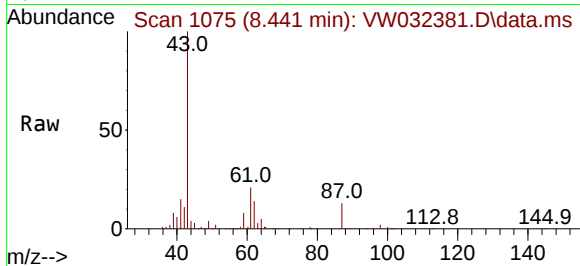




#43
Isopropyl Acetate
Concen: 21.760 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

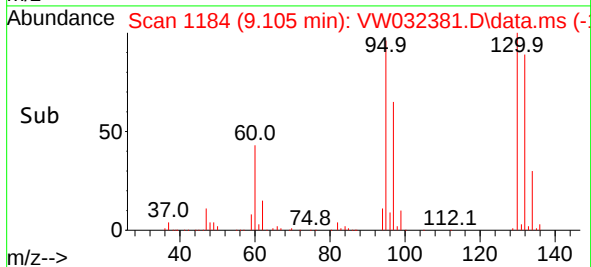
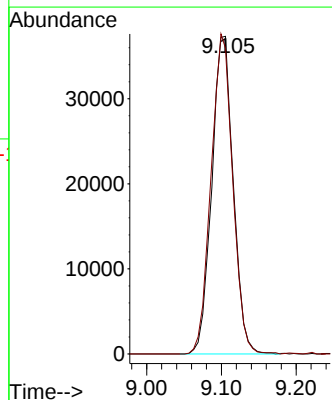
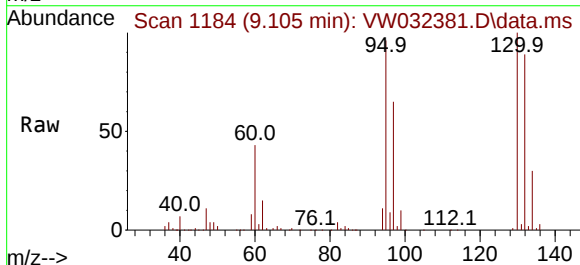
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

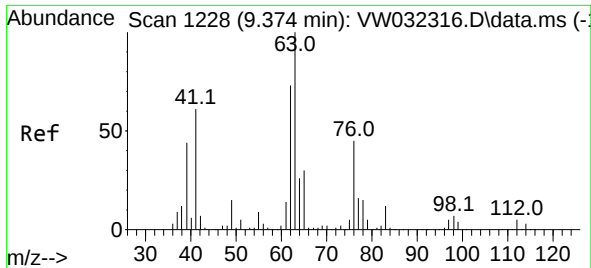
Tgt Ion: 43 Resp: 119189
Ion Ratio Lower Upper
43 100
61 29.7 23.3 34.9
87 13.3 11.1 16.7



#44
Trichloroethene
Concen: 21.903 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:130 Resp: 74572
Ion Ratio Lower Upper
130 100
95 96.3 0.0 220.0

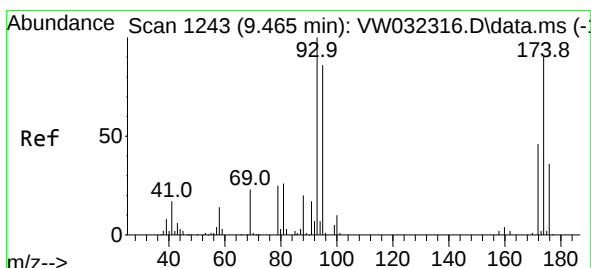
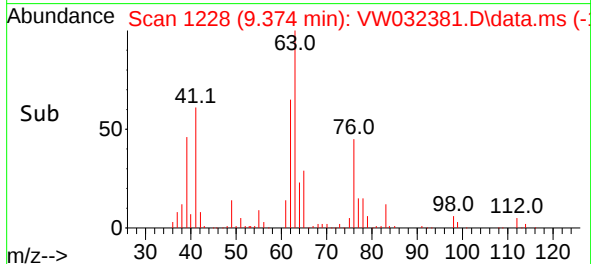
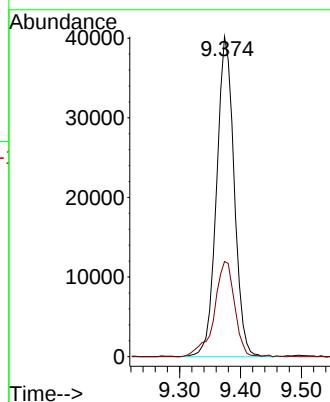
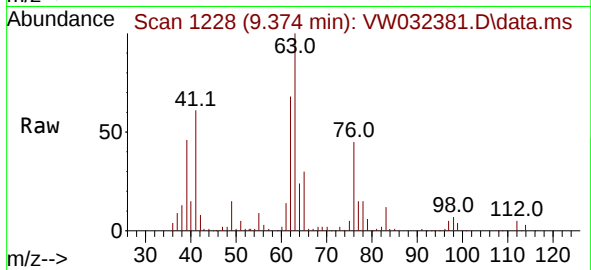




#45
1,2-Dichloropropane
Concen: 22.167 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

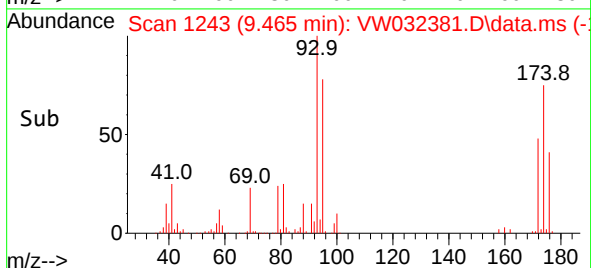
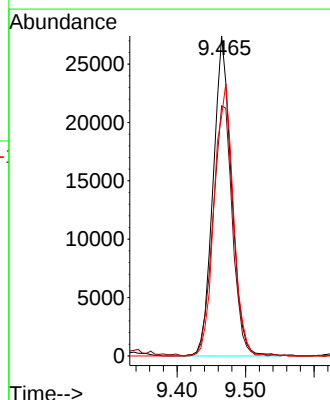
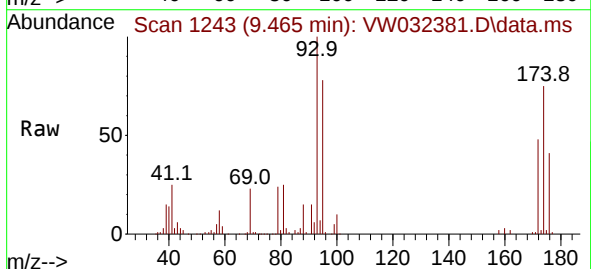
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

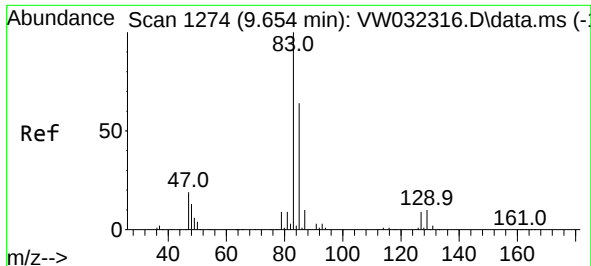
Tgt Ion: 63 Resp: 80449
Ion Ratio Lower Upper
63 100
65 29.7 24.3 36.5



#46
Dibromomethane
Concen: 22.938 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 93 Resp: 51190
Ion Ratio Lower Upper
93 100
95 83.5 67.4 101.2
174 87.5 75.7 113.5

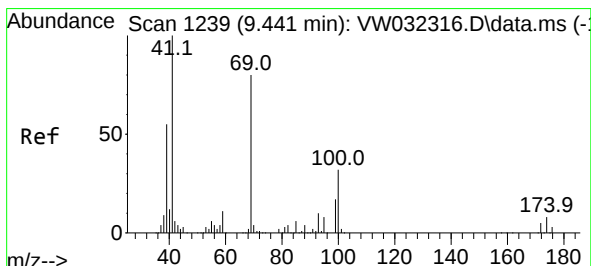
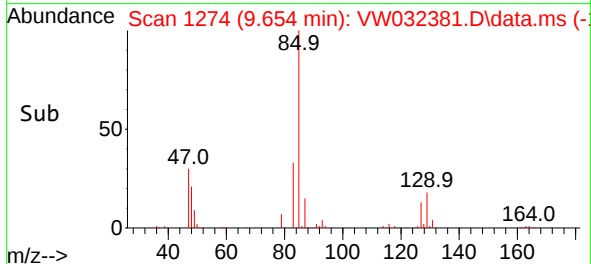
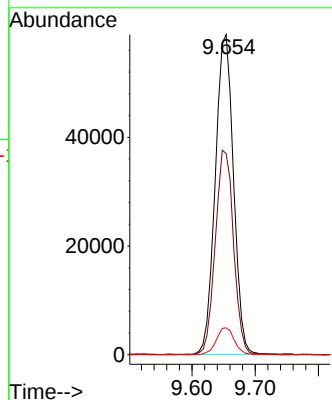
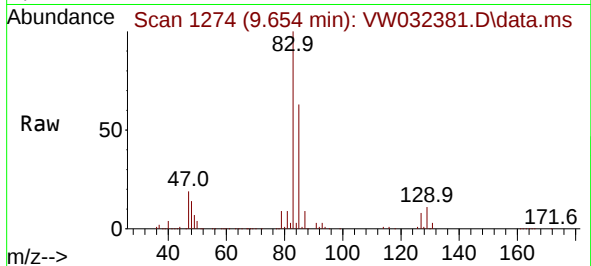




#47
Bromodichloromethane
Concen: 23.021 ug/l
RT: 9.654 min Scan# 117508
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

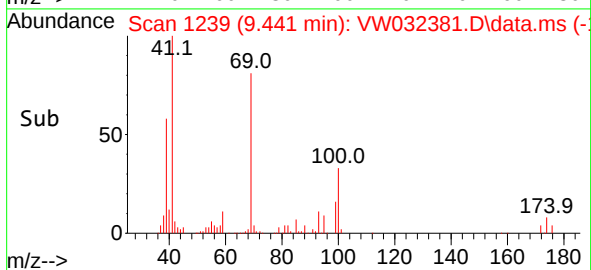
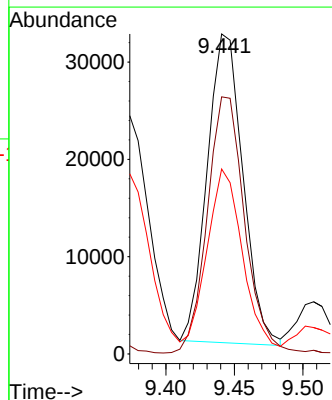
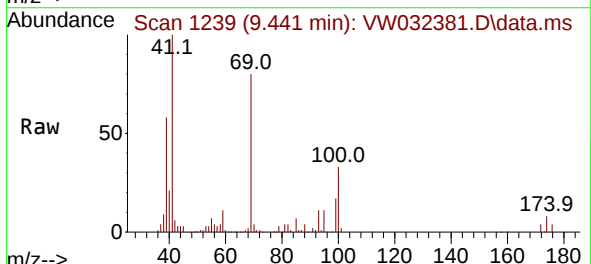
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

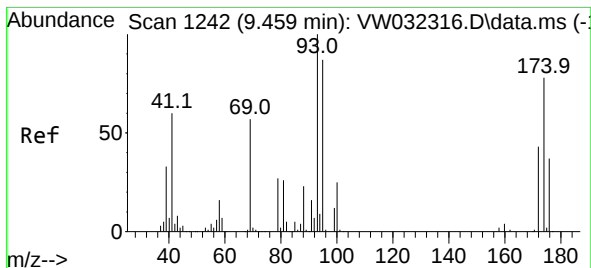
Tgt Ion: 83 Resp: 117508
Ion Ratio Lower Upper
83 100
85 62.9 48.7 73.1
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 21.537 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 41 Resp: 57356
Ion Ratio Lower Upper
41 100
69 87.4 71.5 107.3
39 60.6 55.9 83.9





#49

1,4-Dioxane

Concen: 445.427 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.012 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBSD01

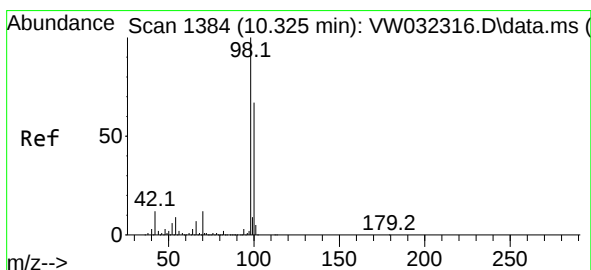
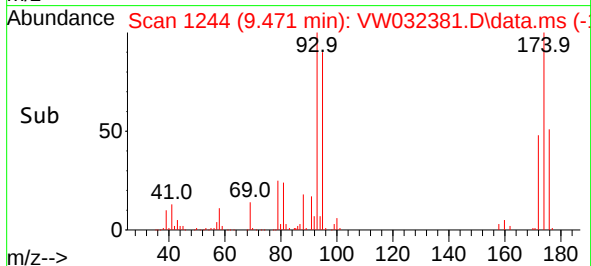
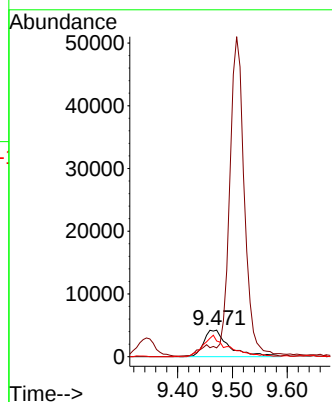
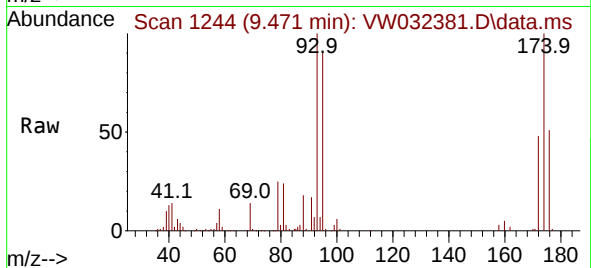
Tgt Ion: 88 Resp: 13587

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 79.3 55.4 83.0



#50

Toluene-d8

Concen: 54.542 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032381.D

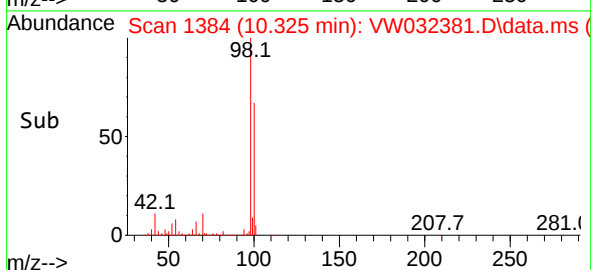
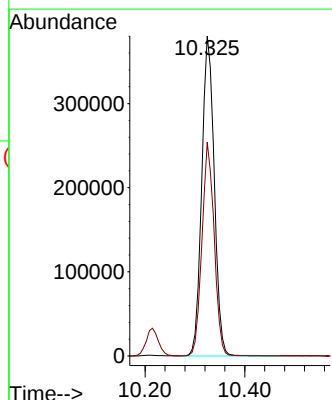
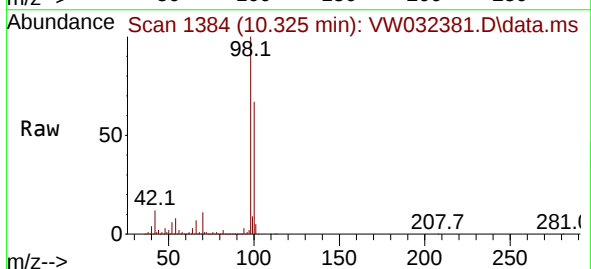
Acq: 20 Oct 2025 12:03

Tgt Ion: 98 Resp: 661666

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.2

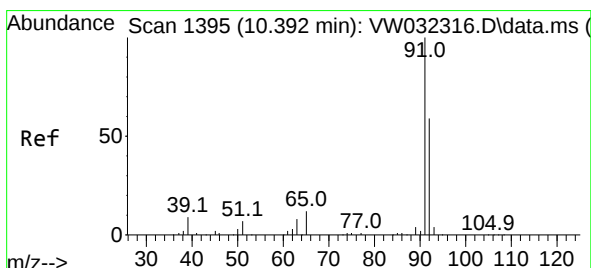
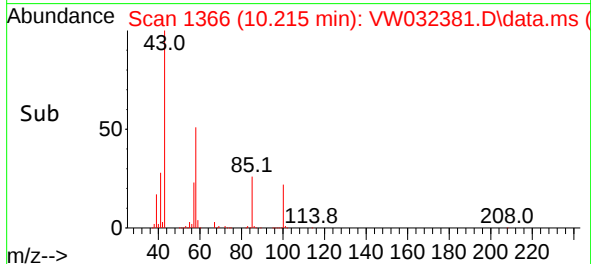
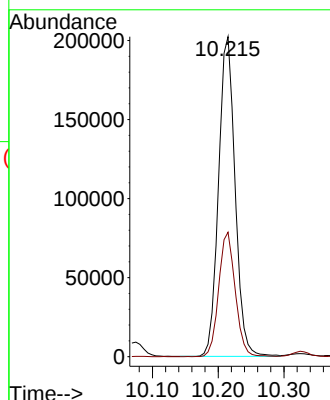
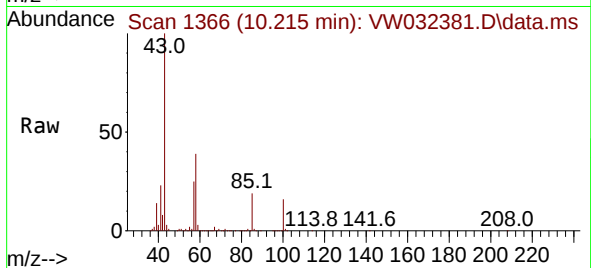




#51
4-Methyl-2-Pentanone
Concen: 111.810 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

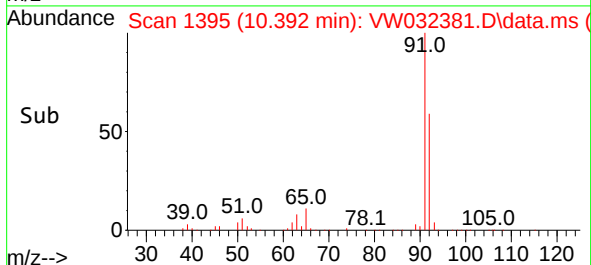
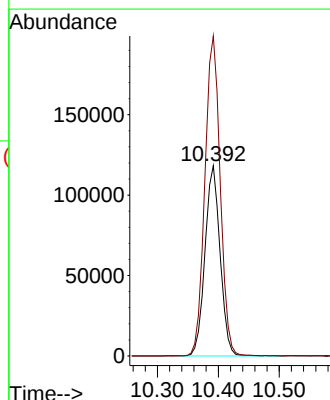
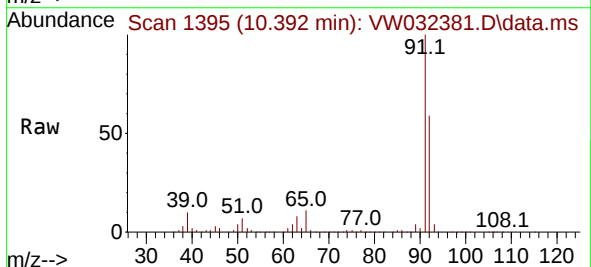
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

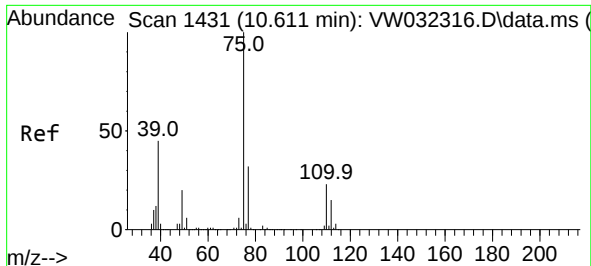
Tgt Ion: 43 Resp: 354720
Ion Ratio Lower Upper
43 100
58 38.9 32.0 48.0



#52
Toluene
Concen: 22.492 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 92 Resp: 203658
Ion Ratio Lower Upper
92 100
91 170.9 137.5 206.3

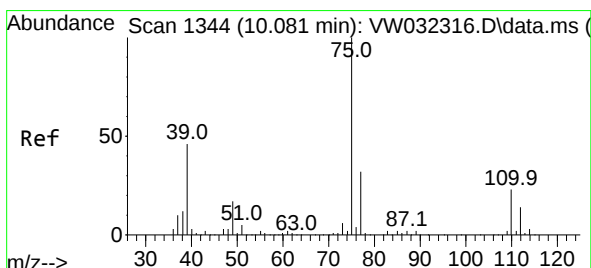
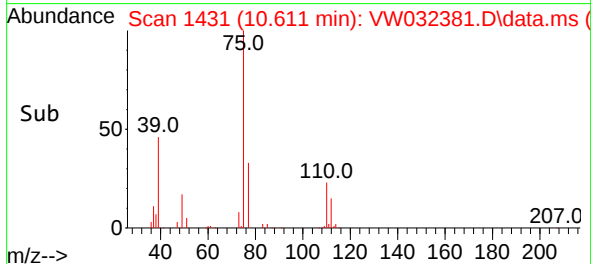
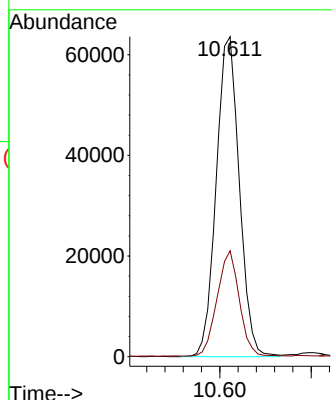
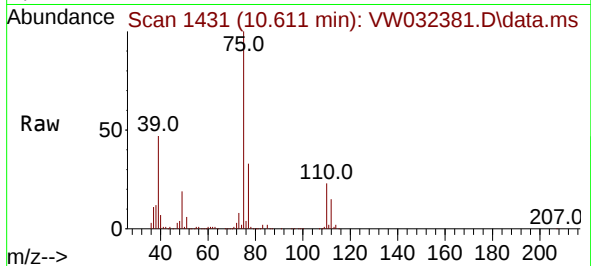




#53
 t-1,3-Dichloropropene
 Concen: 22.555 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

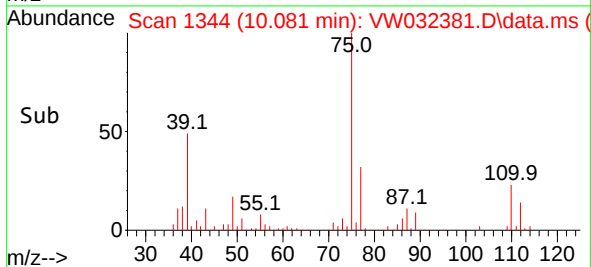
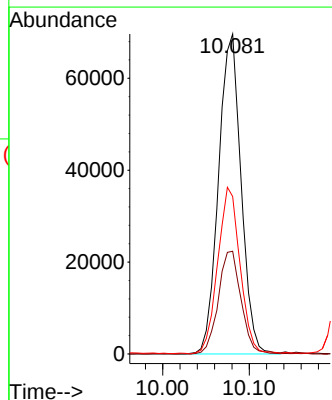
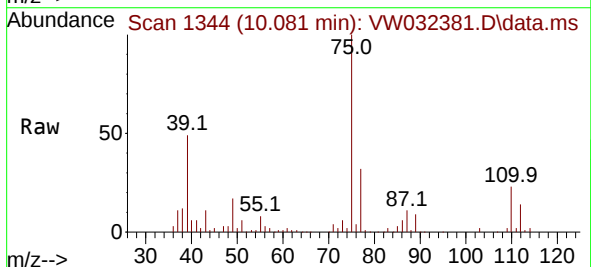
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1020SBS01

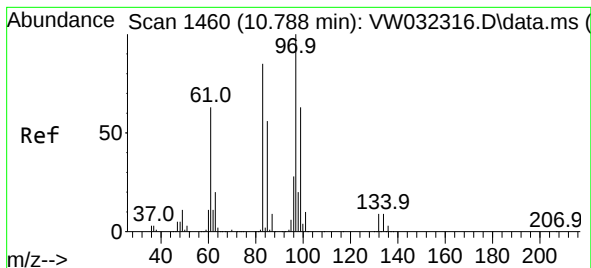
Tgt Ion: 75 Resp: 111694
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.056 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032381.D
 Acq: 20 Oct 2025 12:03

Tgt Ion: 75 Resp: 125815
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7
 39 49.0 43.2 64.8

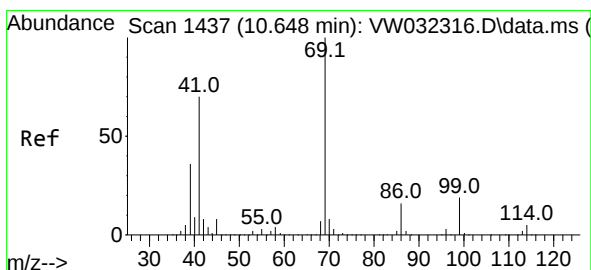
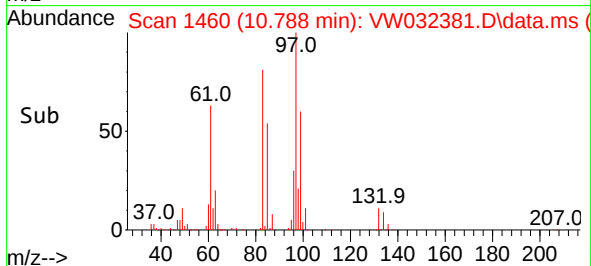
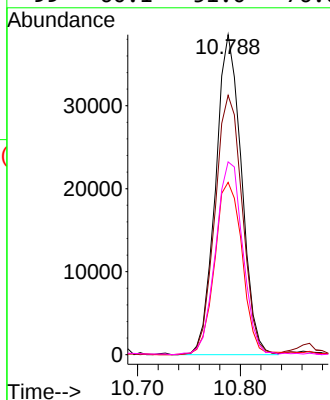
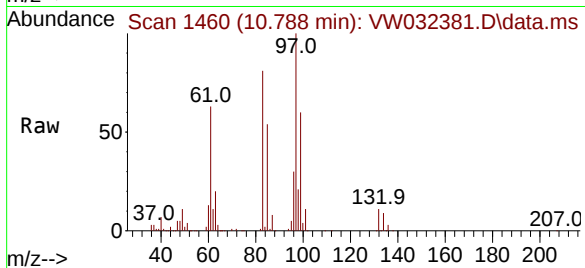




#55
1,1,2-Trichloroethane
Concen: 22.638 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

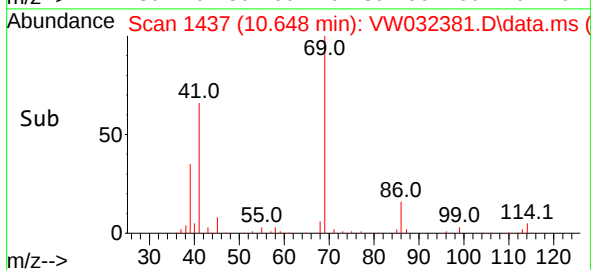
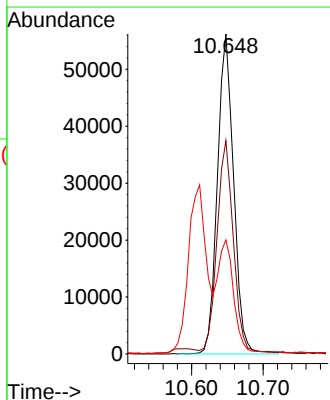
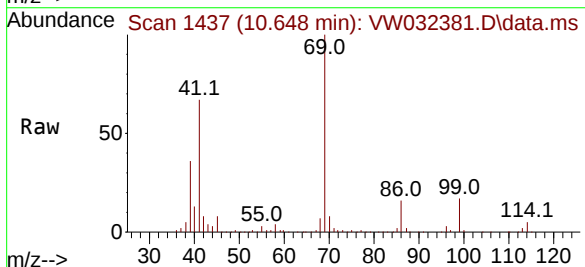
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

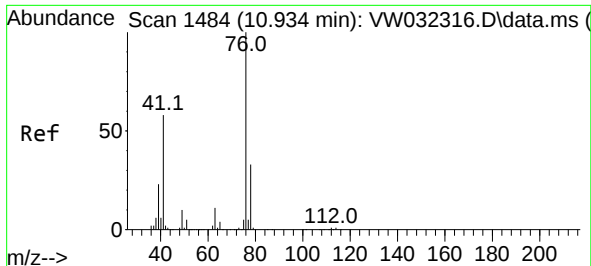
Tgt Ion:	97	Resp:	67523
Ion	Ratio	Lower	Upper
97	100		
83	81.1	71.0	106.6
85	53.7	42.8	64.2
99	60.1	51.0	76.6



#56
Ethyl methacrylate
Concen: 21.270 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:	69	Resp:	88799
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.2	79.8
39	34.0	32.9	49.3





#57

1,3-Dichloropropane

Concen: 22.206 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

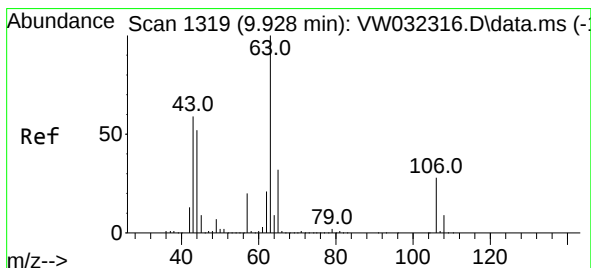
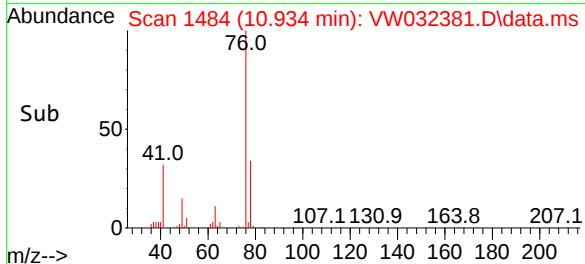
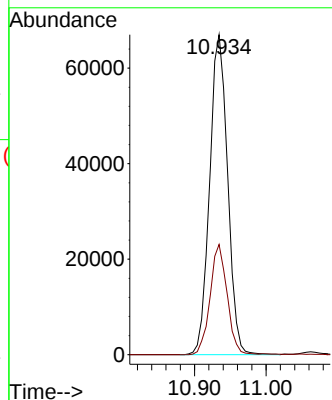
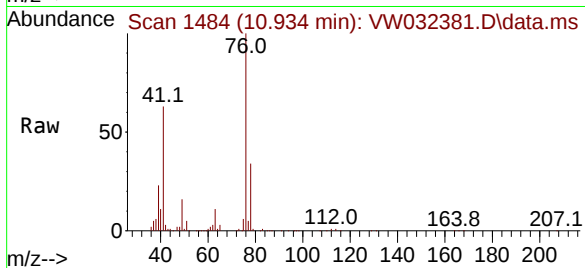
VW1020SBS01

Tgt Ion: 76 Resp: 116984

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.786 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032381.D

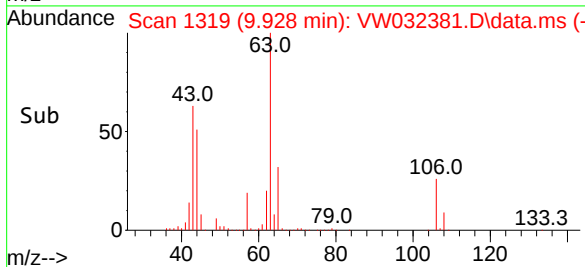
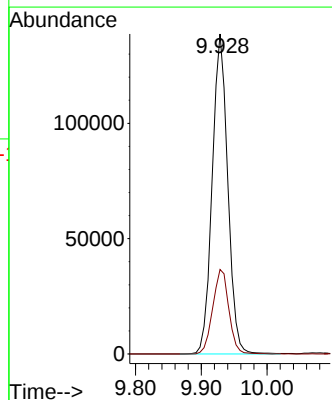
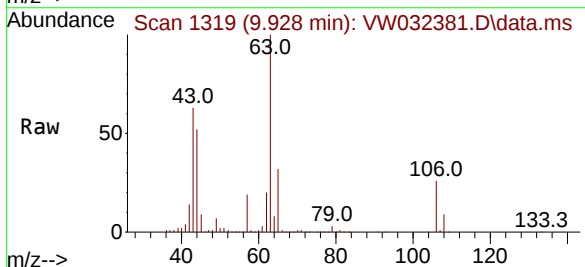
Acq: 20 Oct 2025 12:03

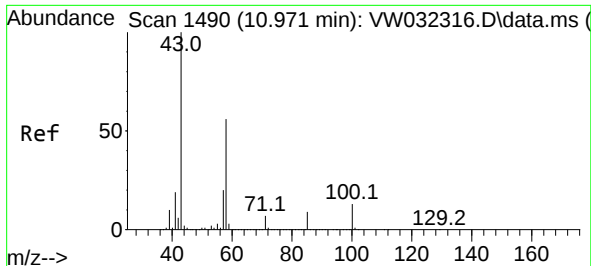
Tgt Ion: 63 Resp: 228377

Ion Ratio Lower Upper

63 100

106 27.3 24.3 36.5

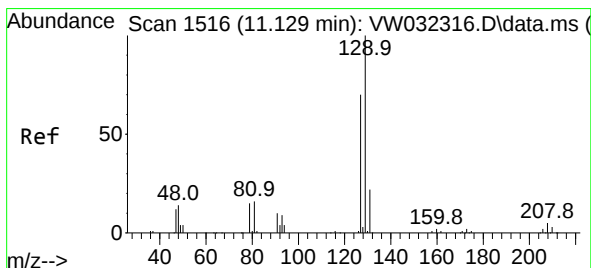
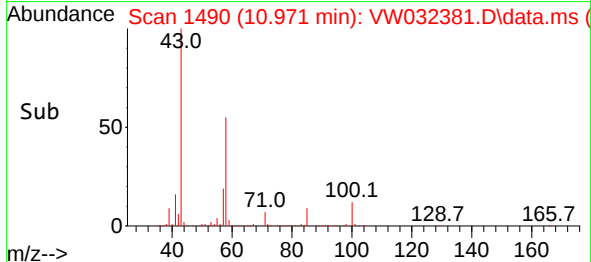
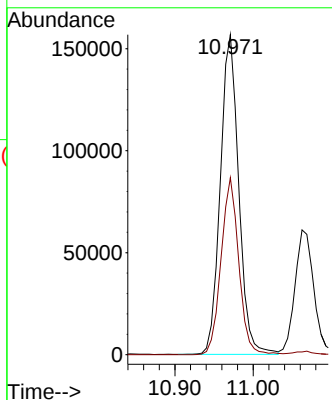
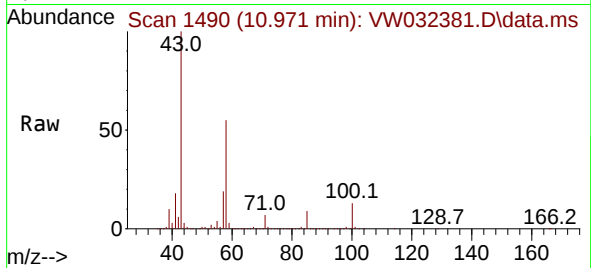




#59
2-Hexanone
Concen: 114.515 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

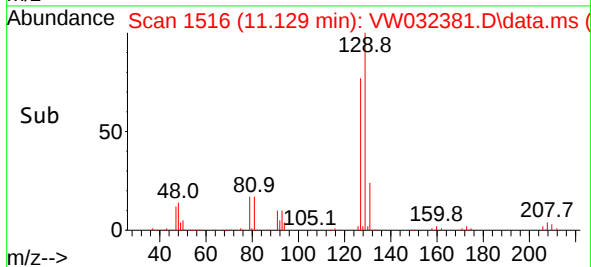
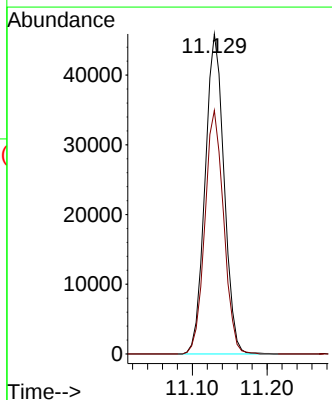
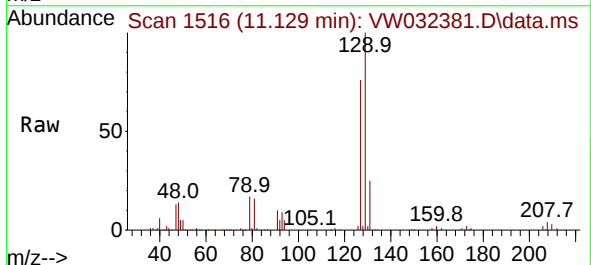
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

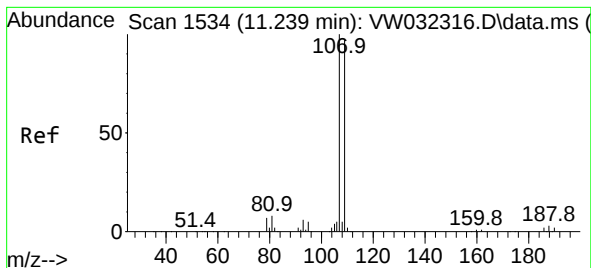
Tgt Ion: 43 Resp: 256232
Ion Ratio Lower Upper
43 100
58 53.3 27.5 82.4



#60
Dibromochloromethane
Concen: 23.873 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 129 Resp: 80852
Ion Ratio Lower Upper
129 100
127 75.7 38.1 114.5

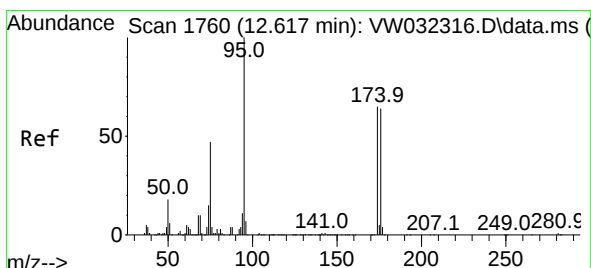
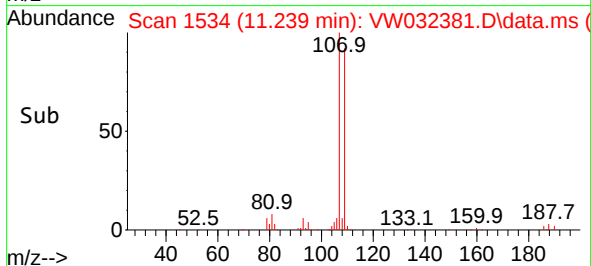
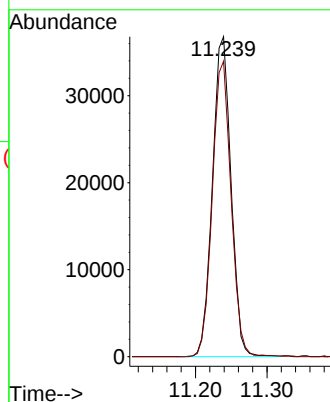
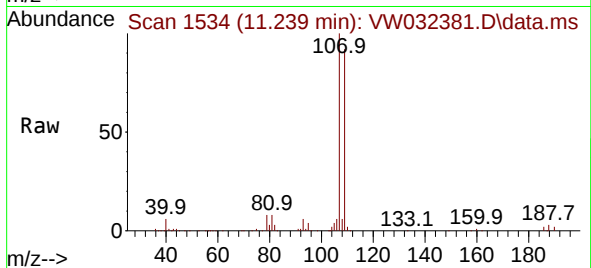




#61
1,2-Dibromoethane
Concen: 22.808 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

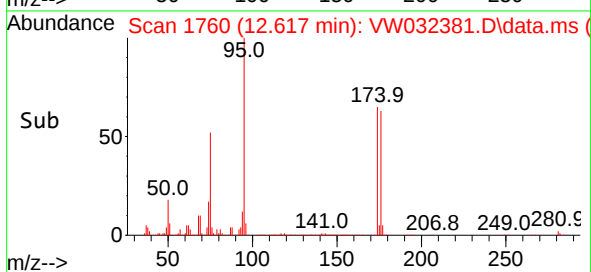
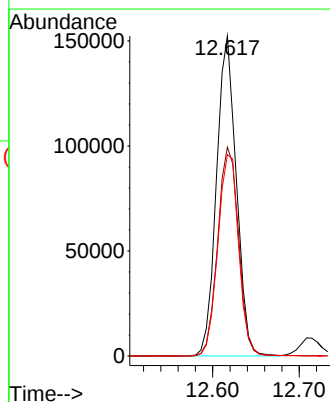
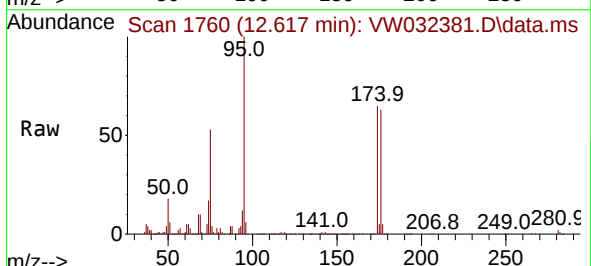
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

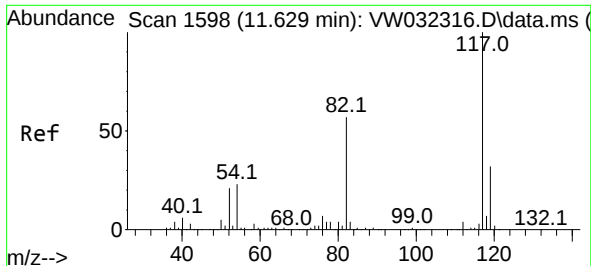
Tgt Ion:107 Resp: 66335
Ion Ratio Lower Upper
107 100
109 93.3 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 52.844 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 95 Resp: 242303
Ion Ratio Lower Upper
95 100
174 68.6 0.0 145.6
176 65.9 0.0 140.8

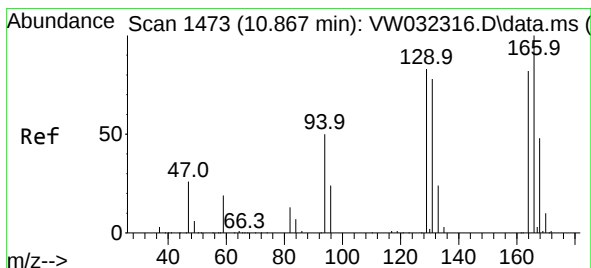
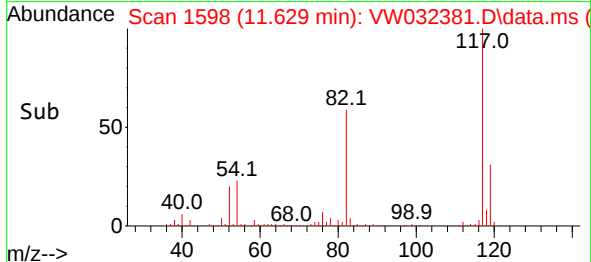
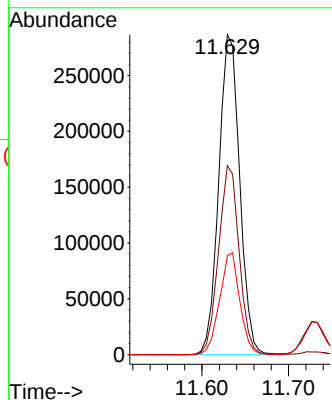
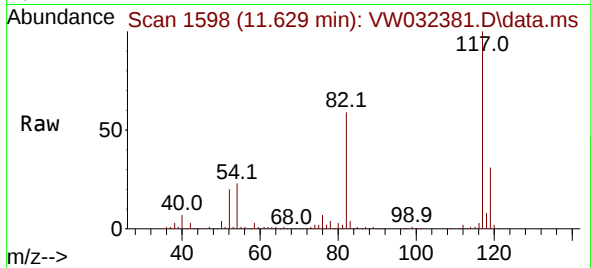




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

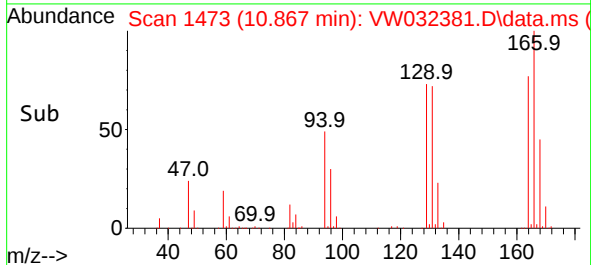
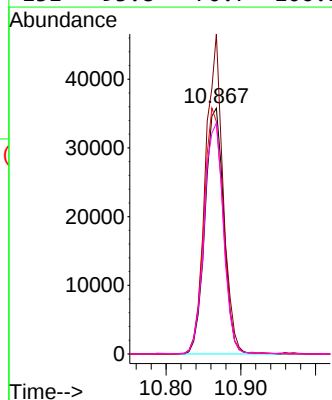
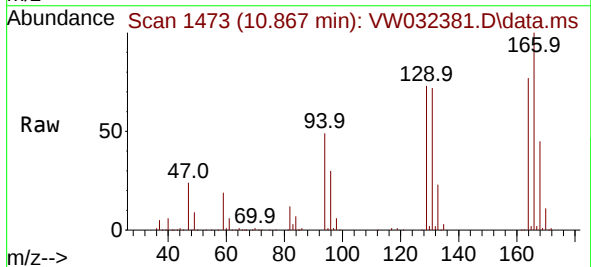
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

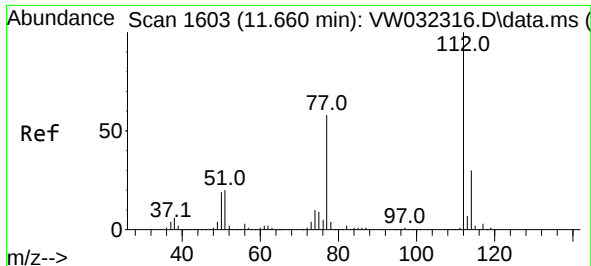
Tgt Ion:117 Resp: 481210
Ion Ratio Lower Upper
117 100
82 59.1 42.7 64.1
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 21.732 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:164 Resp: 62577
Ion Ratio Lower Upper
164 100
166 130.2 97.5 146.3
129 94.5 71.2 106.8
131 93.8 70.7 106.1

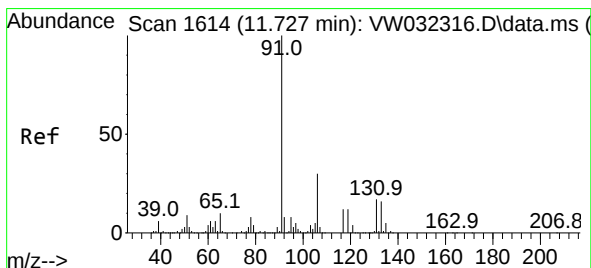
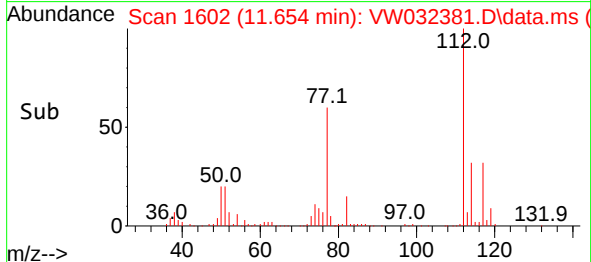
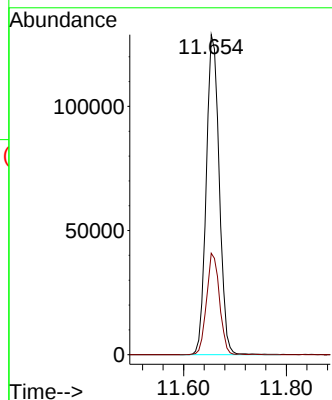
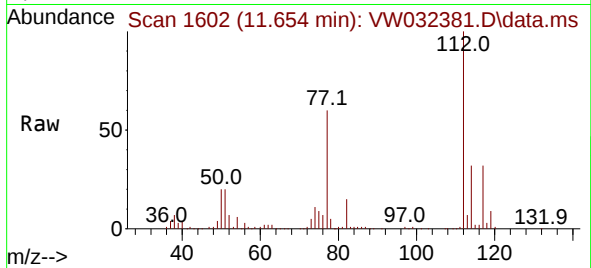




#65
Chlorobenzene
Concen: 21.329 ug/l
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

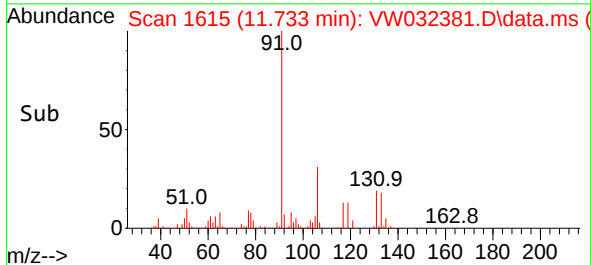
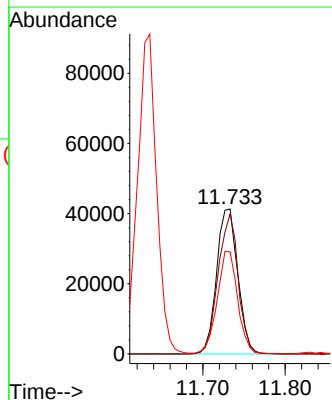
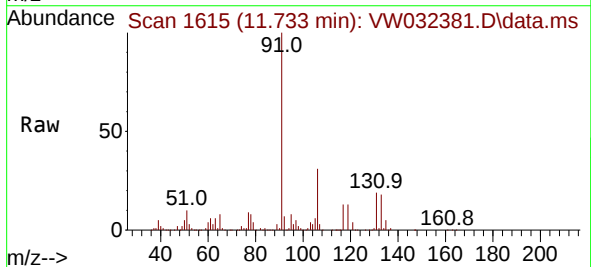
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

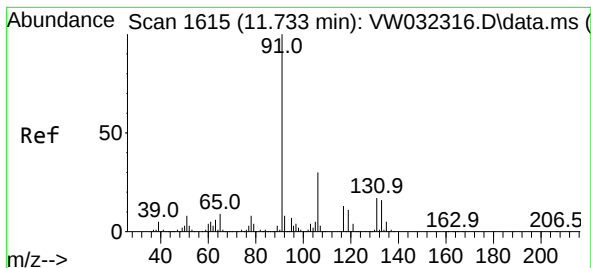
Tgt Ion:112 Resp: 225826
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.457 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:131 Resp: 74057
Ion Ratio Lower Upper
131 100
133 91.7 47.7 143.1
119 68.4 32.8 98.3





#67

Ethyl Benzene

Concen: 20.647 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

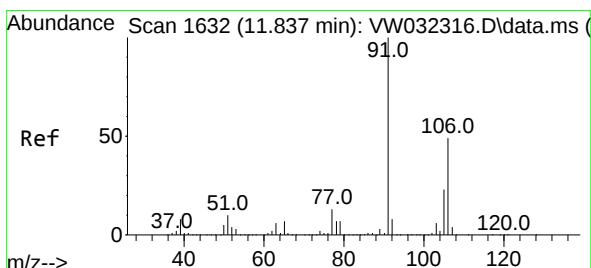
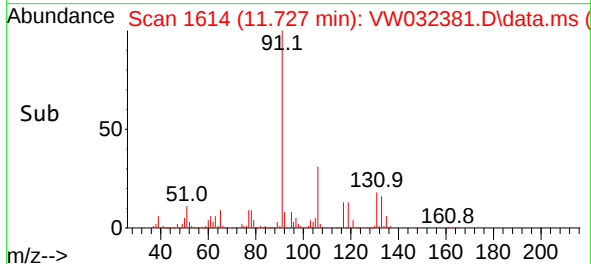
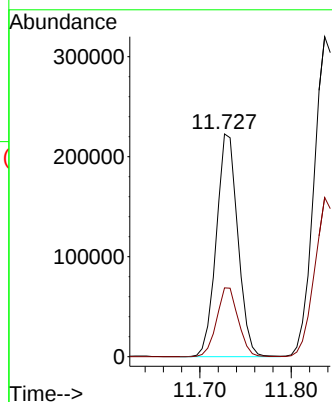
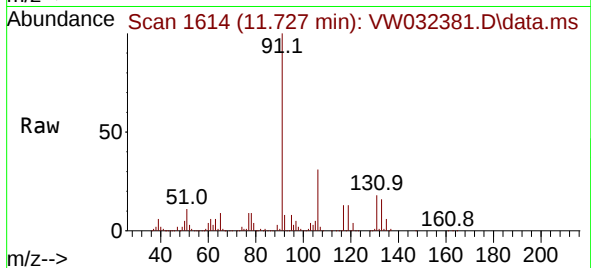
VW1020SBS01

Tgt Ion: 91 Resp: 364394

Ion Ratio Lower Upper

91 100

106 30.9 25.3 37.9



#68

m/p-Xylenes

Concen: 42.215 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032381.D

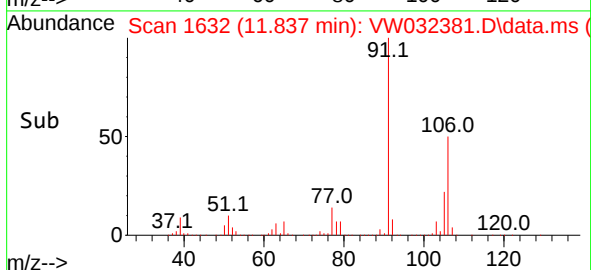
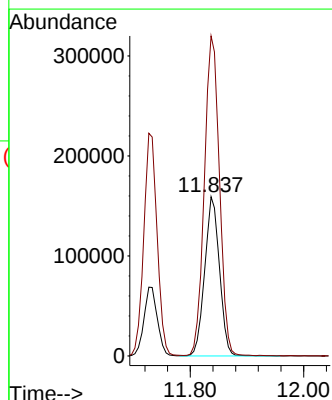
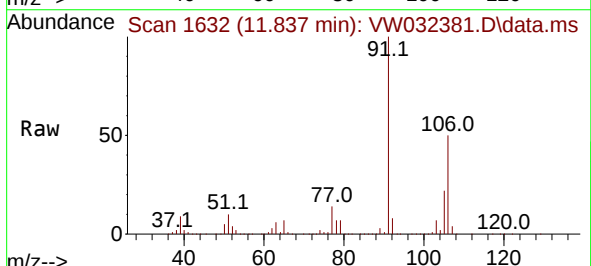
Acq: 20 Oct 2025 12:03

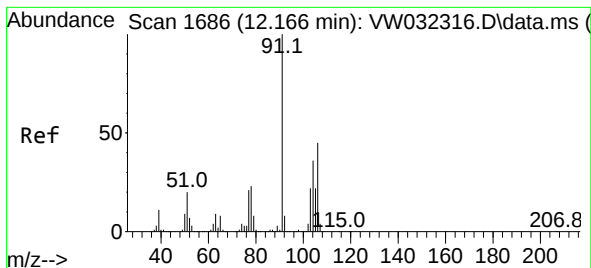
Tgt Ion:106 Resp: 287294

Ion Ratio Lower Upper

106 100

91 205.6 164.2 246.2

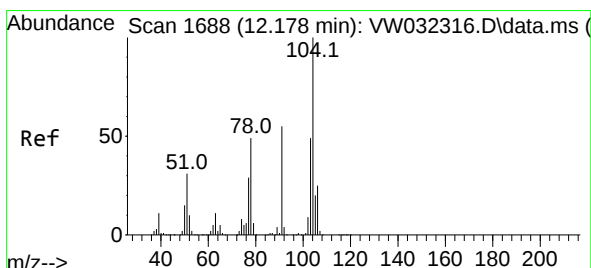
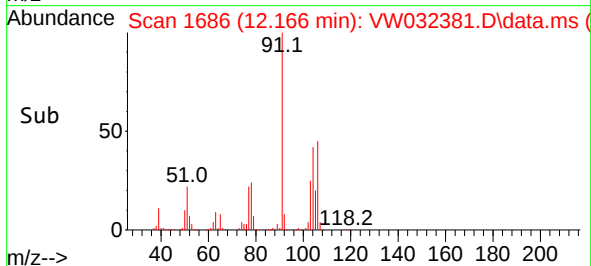
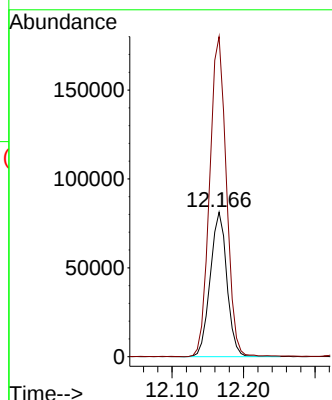
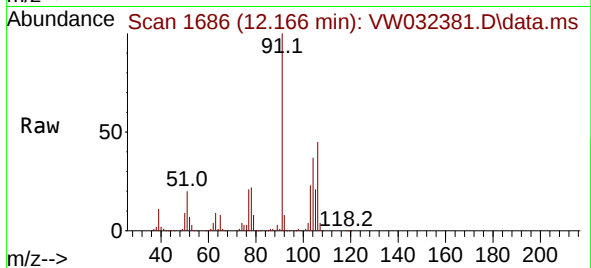




#69
o-Xylene
Concen: 20.691 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

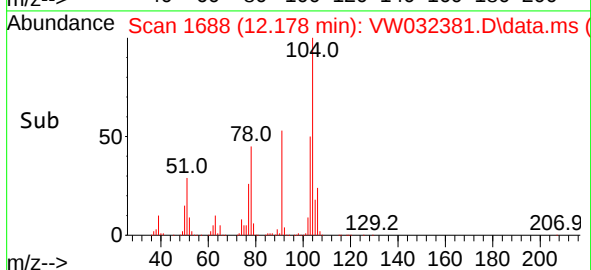
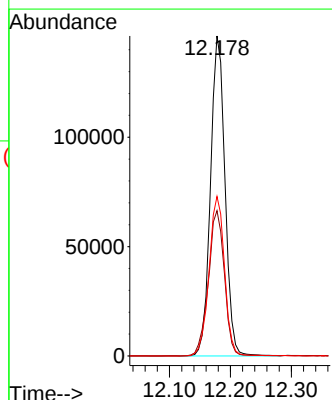
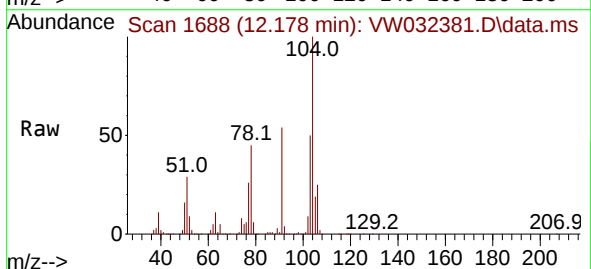
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

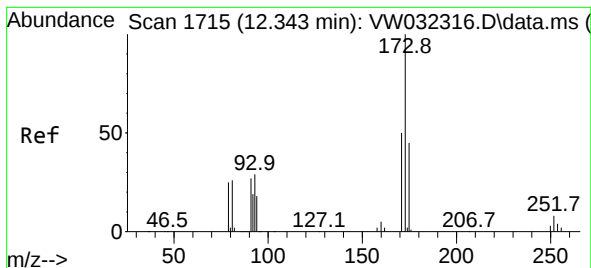
Tgt Ion:106 Resp: 131683
Ion Ratio Lower Upper
106 100
91 221.9 108.7 326.3



#70
Styrene
Concen: 21.782 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:104 Resp: 242035
Ion Ratio Lower Upper
104 100
78 50.2 41.6 62.4
103 53.3 44.8 67.2





#71

Bromoform

Concen: 23.454 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

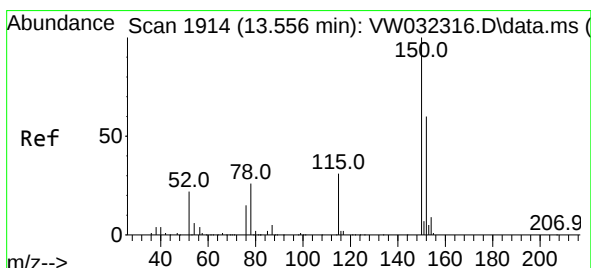
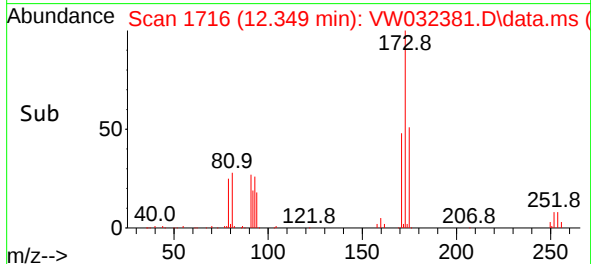
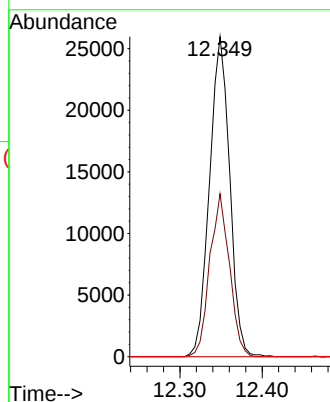
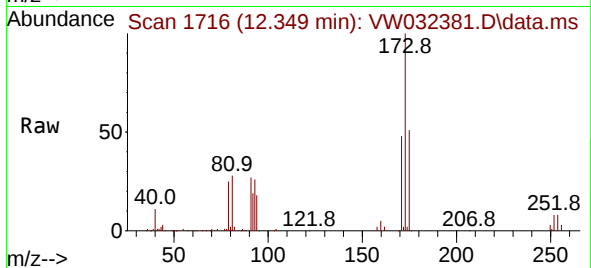
Instrument :

MSVOA_W

ClientSampleId :

VW1020SBSD01

Tgt Ion:173	Resp:	44334
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

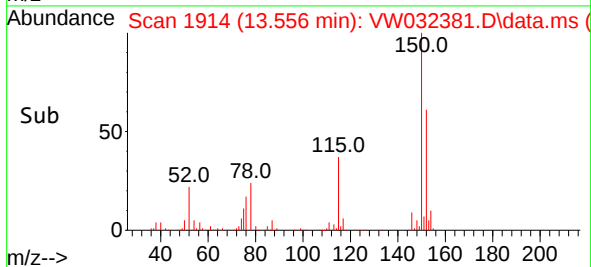
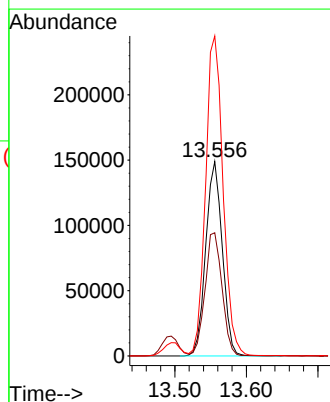
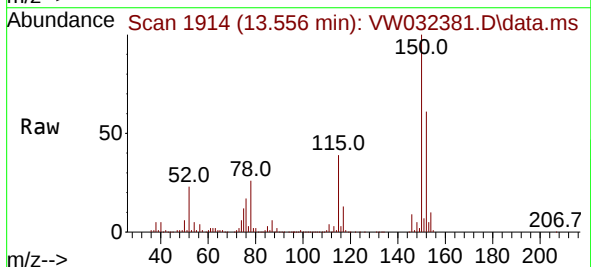
RT: 13.556 min Scan# 1914

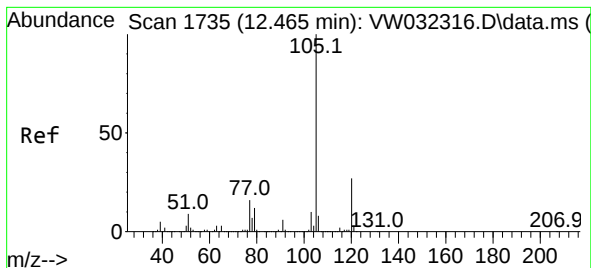
Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Tgt Ion:152	Resp:	239754
Ion Ratio	Lower	Upper
152	100	
115	65.0	31.8 95.4
150	173.0	0.0 343.0





#73

Isopropylbenzene

Concen: 19.804 ug/l

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

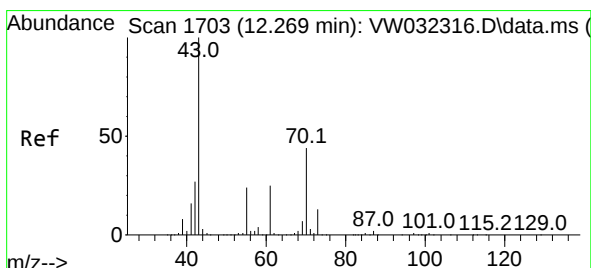
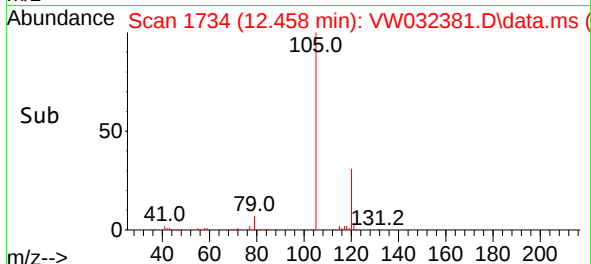
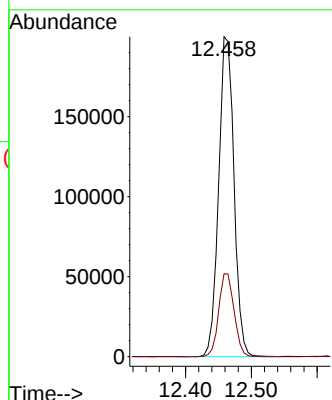
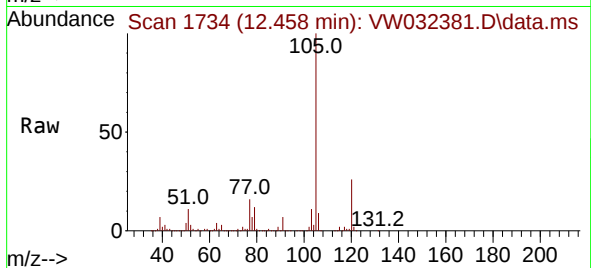
VW1020SBS01

Tgt Ion:105 Resp: 324846

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 20.882 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Tgt Ion: 43 Resp: 109272

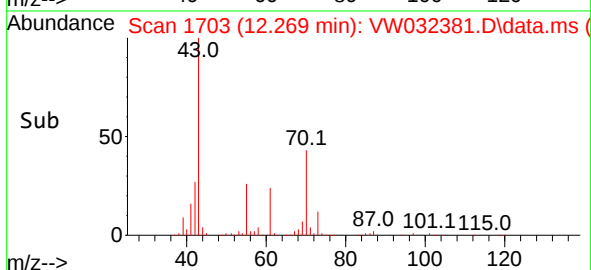
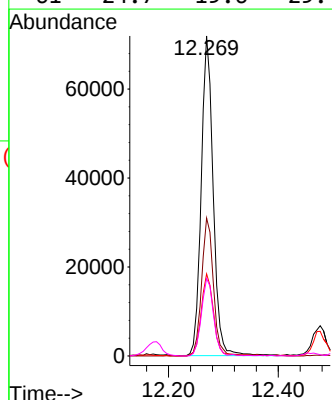
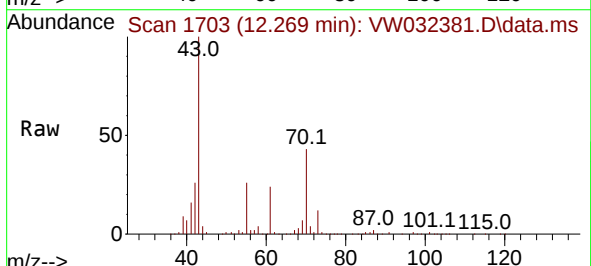
Ion Ratio Lower Upper

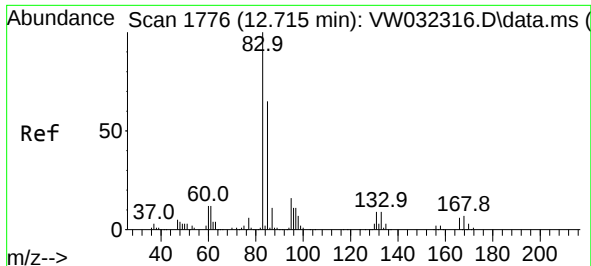
43 100

70 42.7 35.3 52.9

55 26.5 19.9 29.9

61 24.7 19.6 29.4

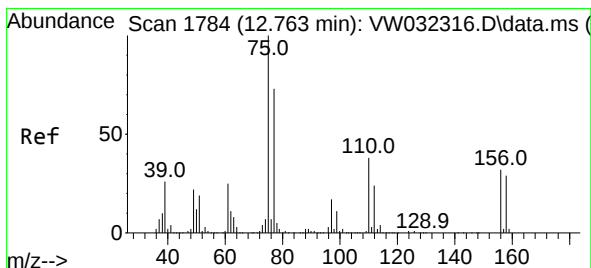
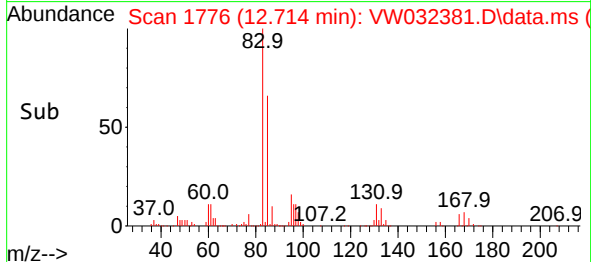
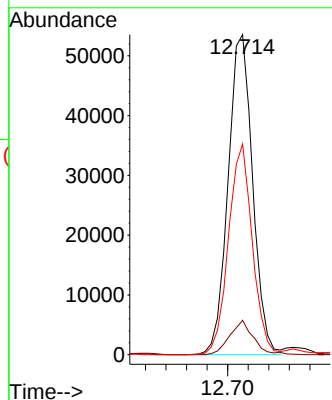
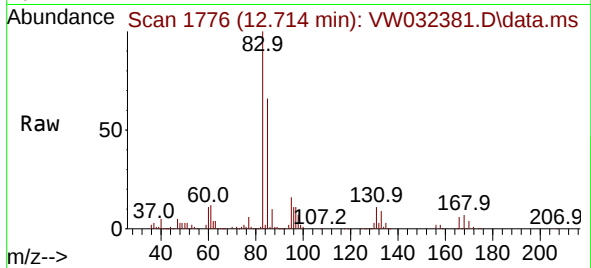




#75
1,1,2,2-Tetrachloroethane
Concen: 21.817 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

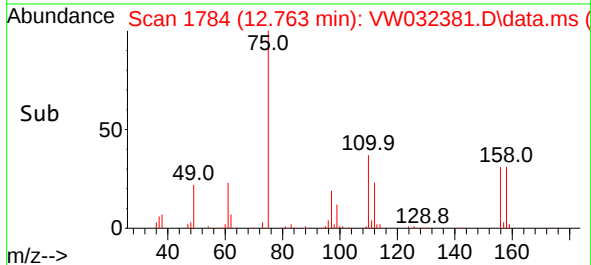
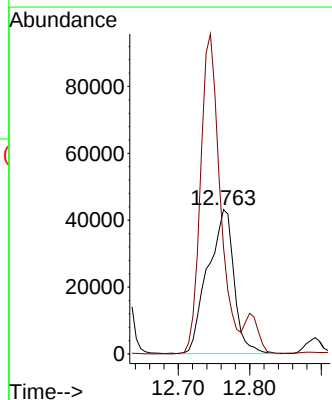
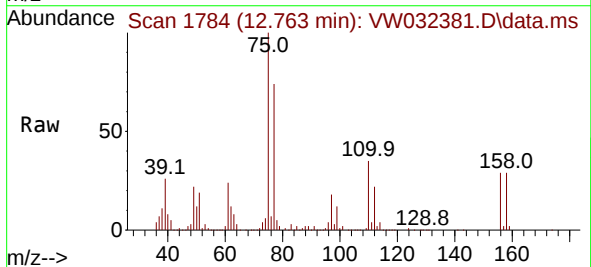
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

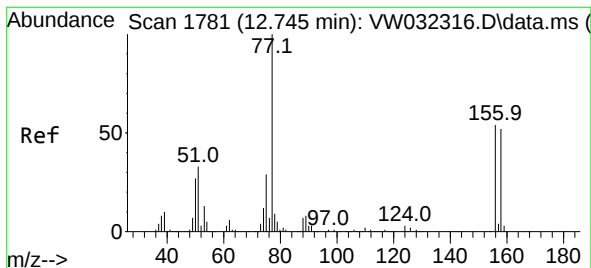
Tgt Ion: 83 Resp: 88855
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.4
85 63.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 34.719 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 75 Resp: 109541
Ion Ratio Lower Upper
75 100
77 167.1 141.7 425.1

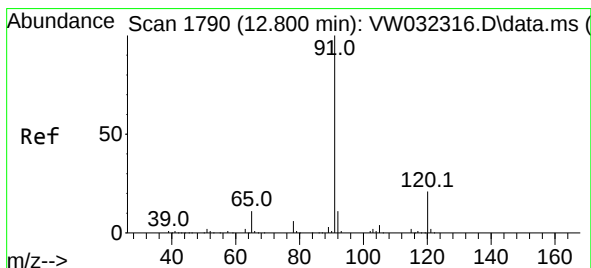
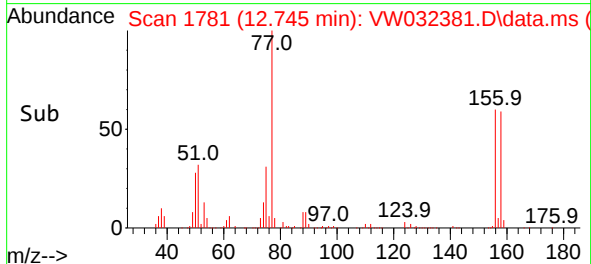
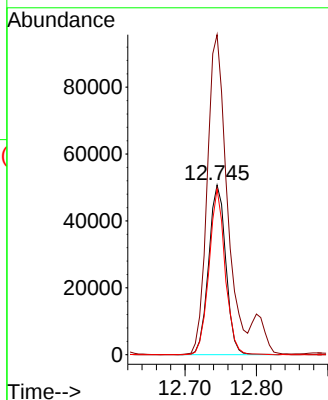
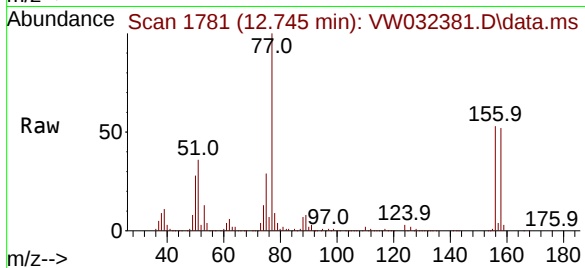




#77
Bromobenzene
Concen: 21.370 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

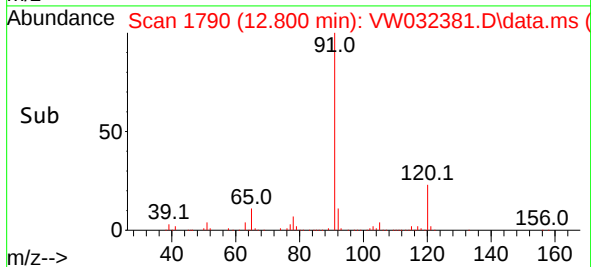
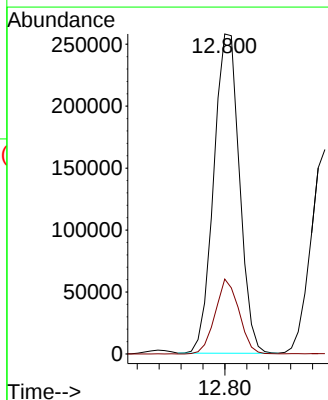
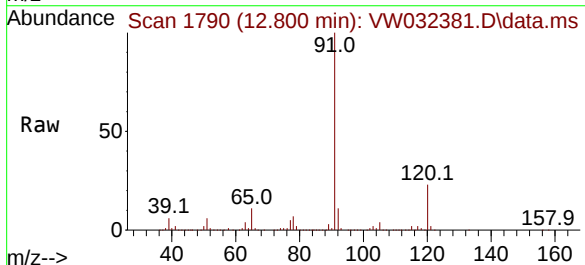
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

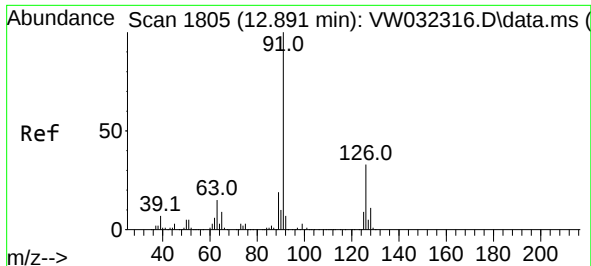
Tgt Ion:156 Resp: 84499
Ion Ratio Lower Upper
156 100
77 216.6 98.6 295.7
158 92.0 48.4 145.0



#78
n-propylbenzene
Concen: 20.504 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 91 Resp: 420117
Ion Ratio Lower Upper
91 100
120 21.7 11.8 35.4

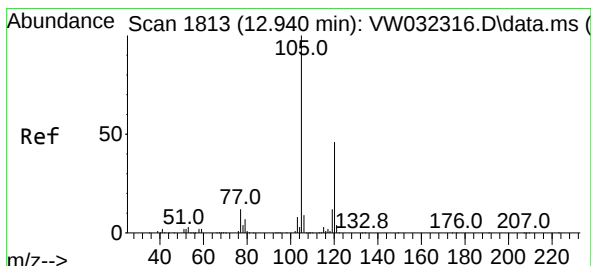
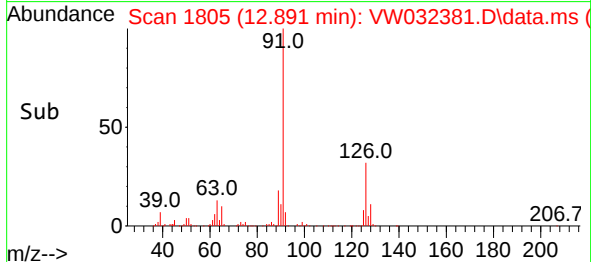
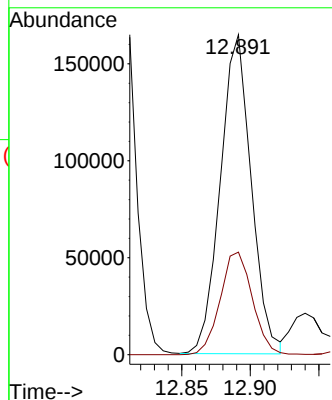
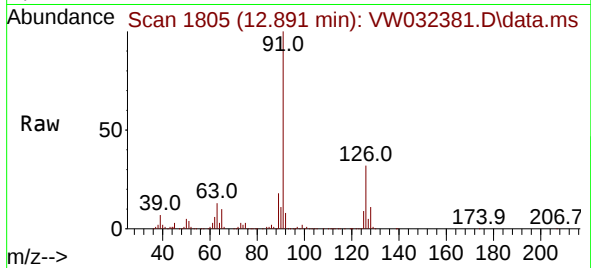




#79
2-Chlorotoluene
Concen: 20.609 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

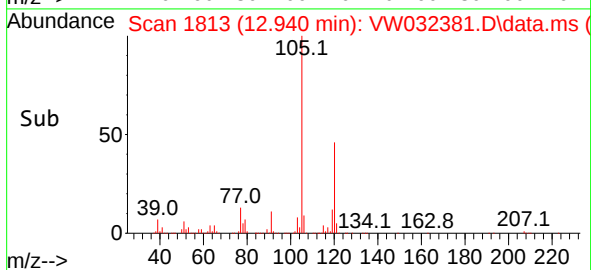
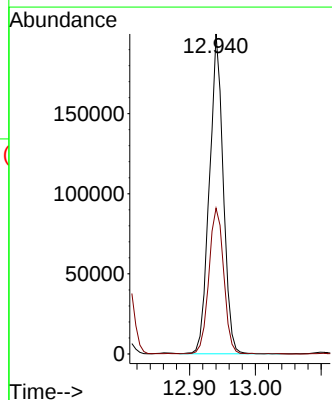
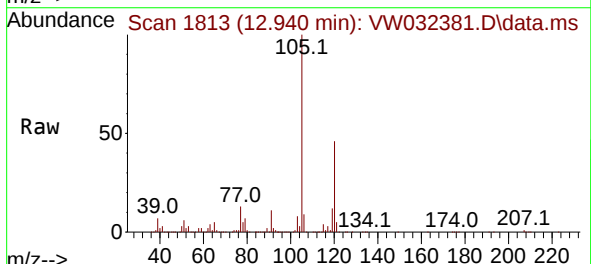
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBS01

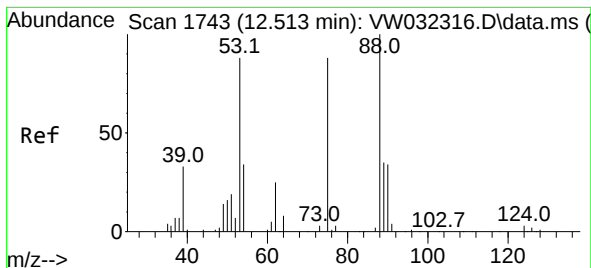
Tgt Ion: 91 Resp: 258195
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.623 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 105 Resp: 292510
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4

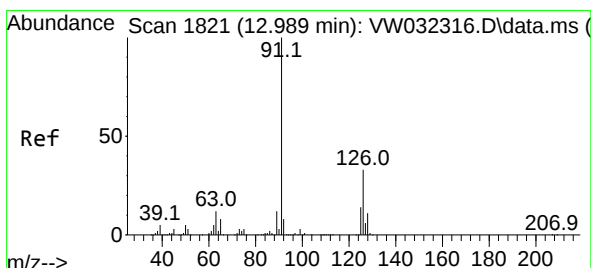
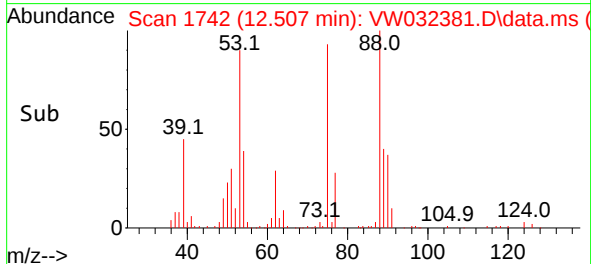
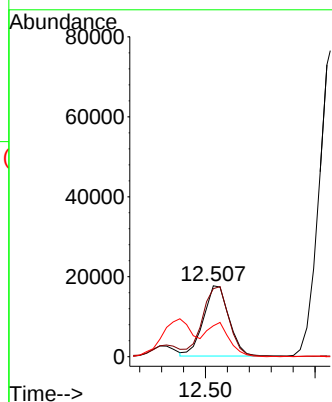
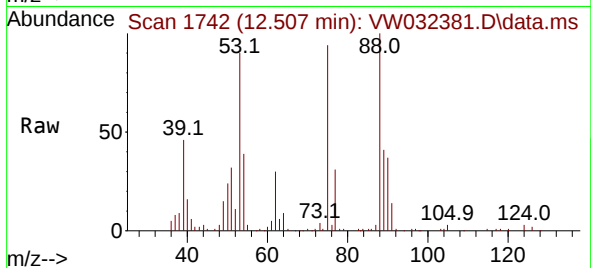




#81
trans-1,4-Dichloro-2-butene
Concen: 22.759 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

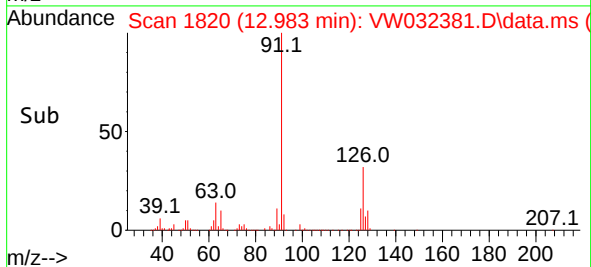
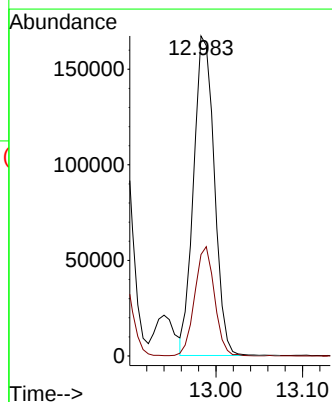
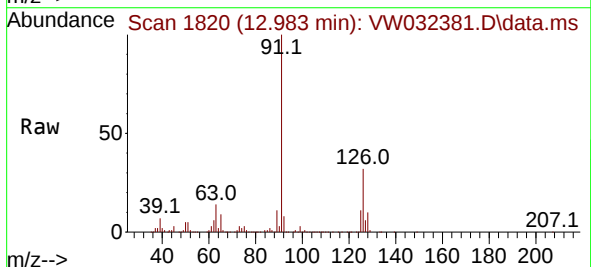
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

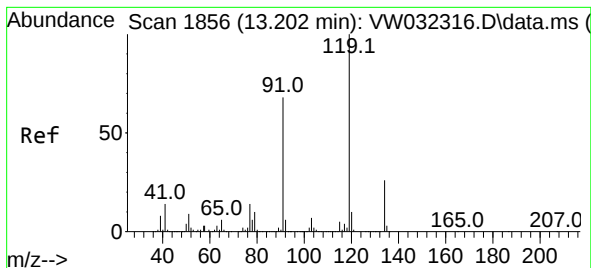
Tgt Ion: 75 Resp: 28345
Ion Ratio Lower Upper
75 100
53 104.8 91.0 136.6
89 42.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.836 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 91 Resp: 277521
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

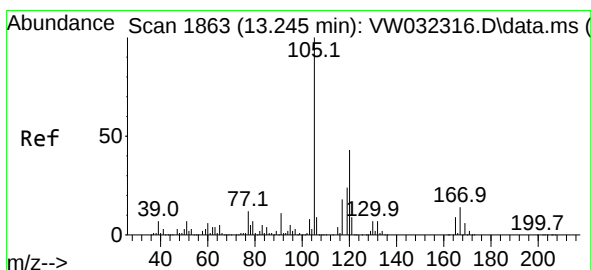
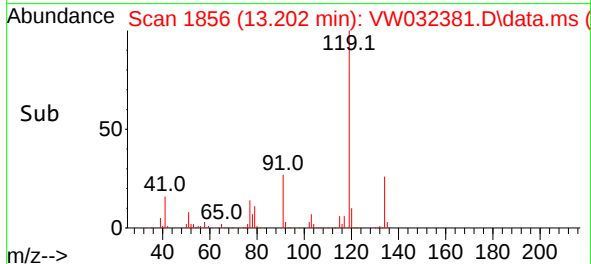
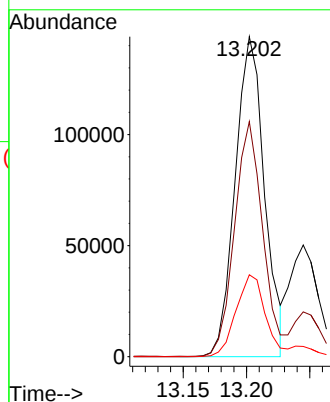
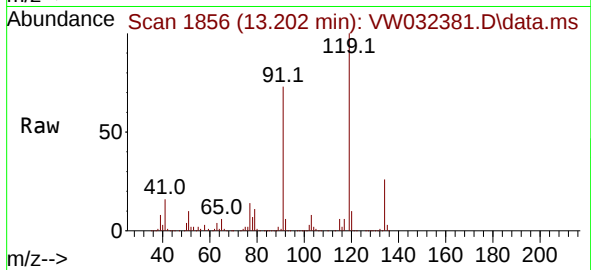




#83
tert-Butylbenzene
Concen: 19.983 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

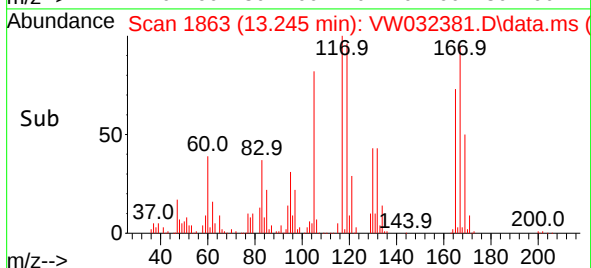
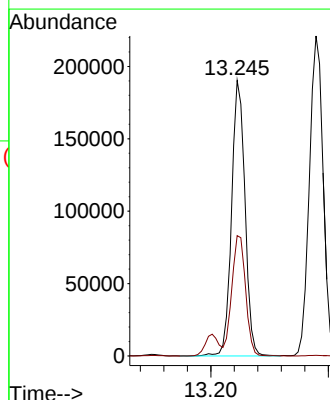
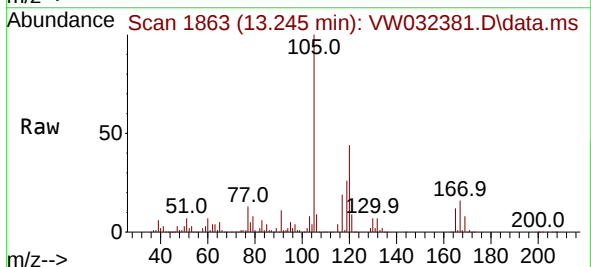
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

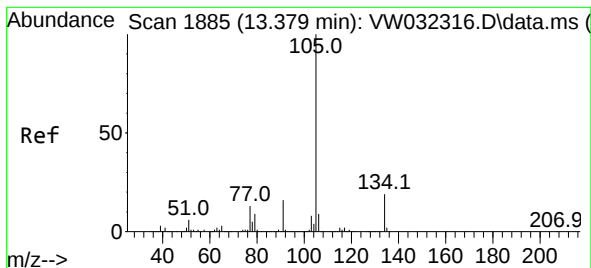
Tgt Ion:119 Resp: 232552
Ion Ratio Lower Upper
119 100
91 71.7 33.8 101.3
134 25.7 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.959 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:105 Resp: 302270
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.163 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

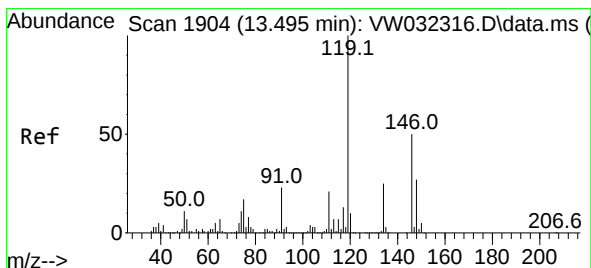
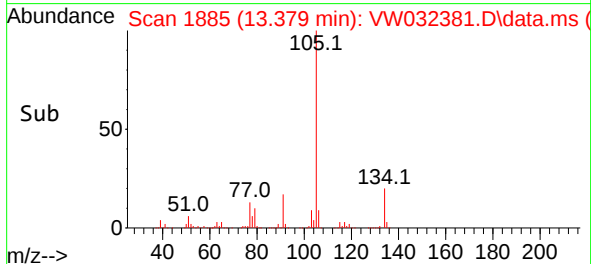
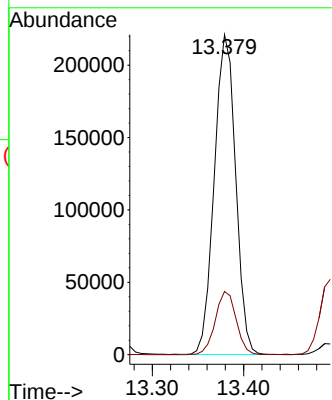
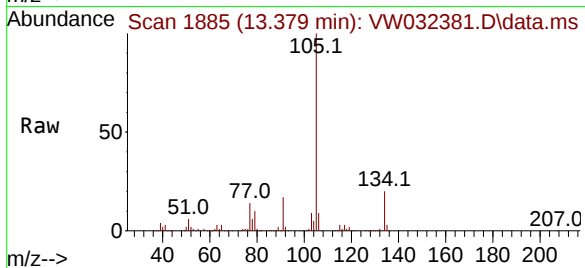
VW1020SBS01

Tgt Ion:105 Resp: 358589

Ion Ratio Lower Upper

105 100

134 19.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.136 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

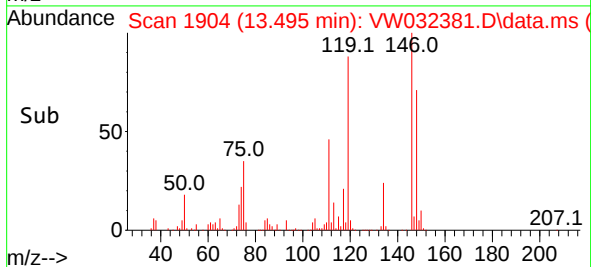
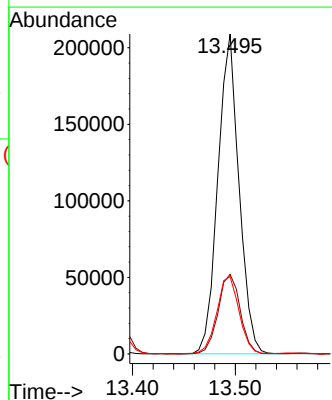
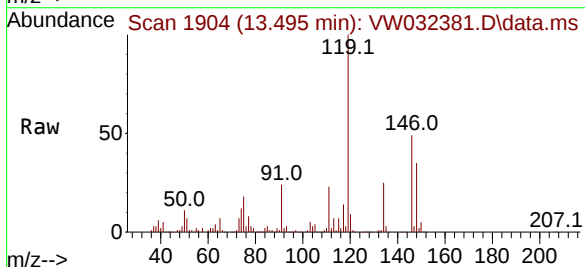
Tgt Ion:119 Resp: 297141

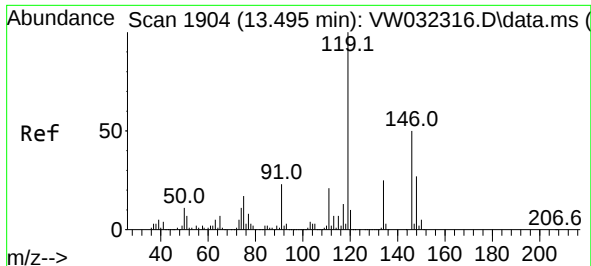
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.6

91 25.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 21.478 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

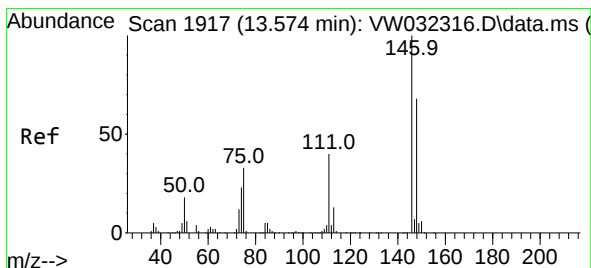
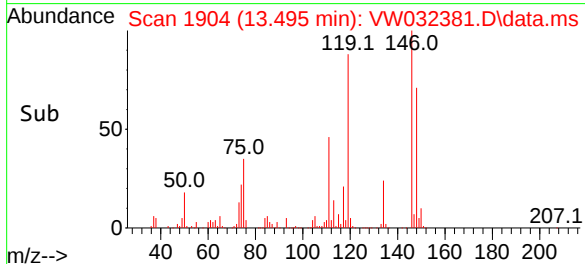
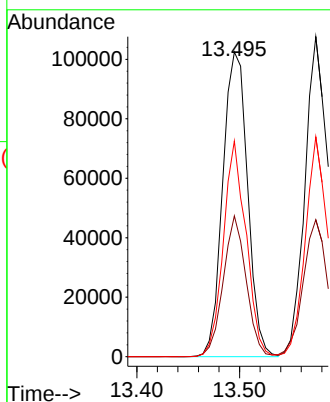
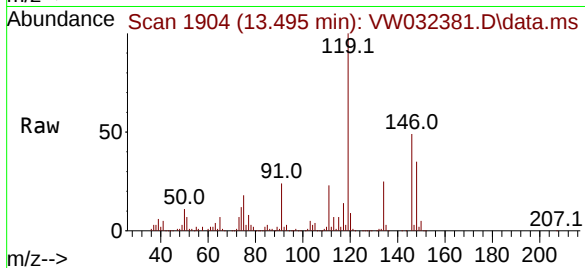
Tgt Ion:146 Resp: 171969

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

148 64.5 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 21.021 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

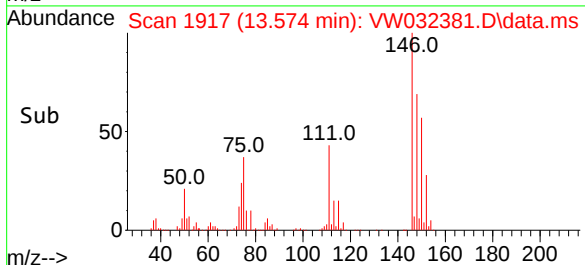
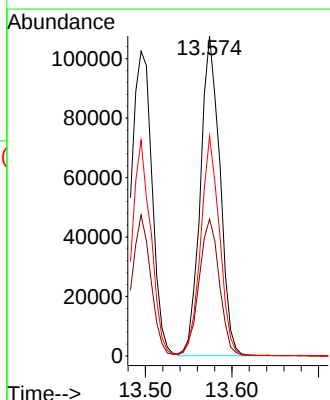
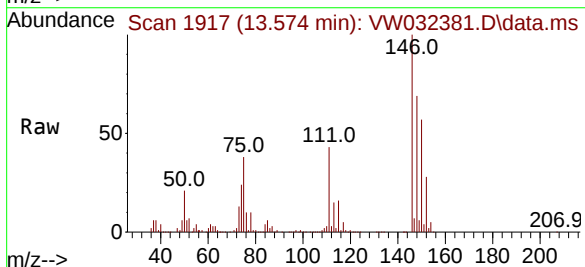
Tgt Ion:146 Resp: 168290

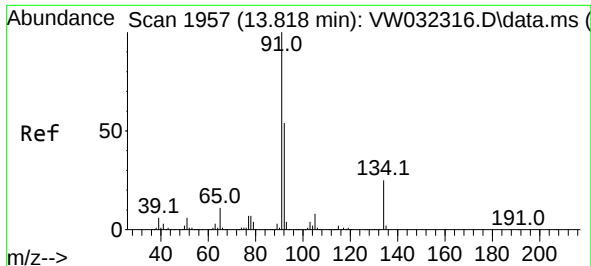
Ion Ratio Lower Upper

146 100

111 44.5 21.3 63.7

148 66.3 33.4 100.1

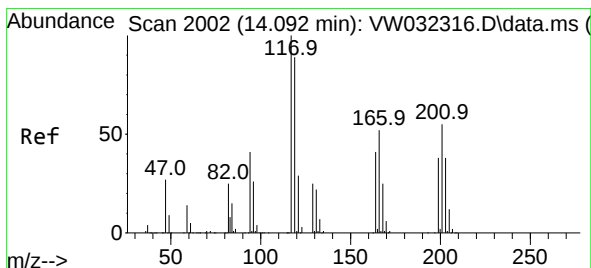
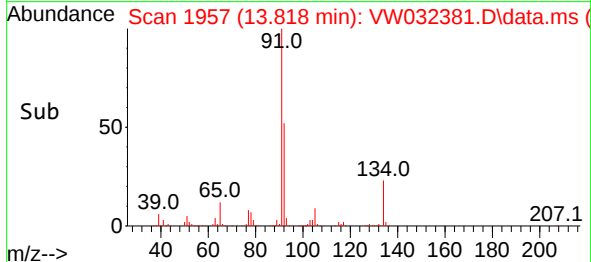
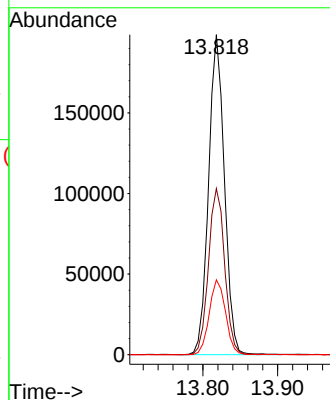
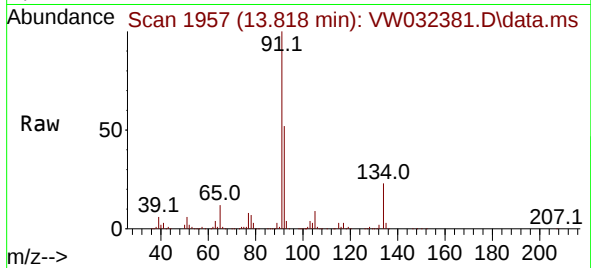




#89
n-Butylbenzene
Concen: 20.234 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

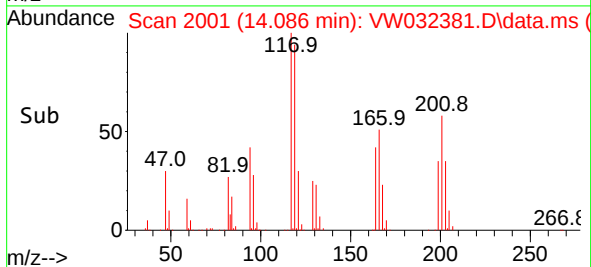
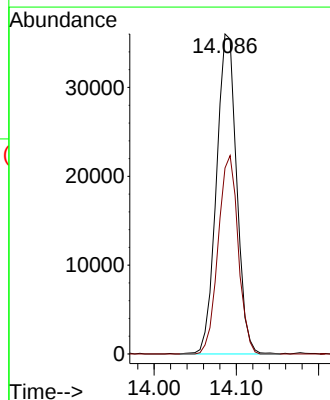
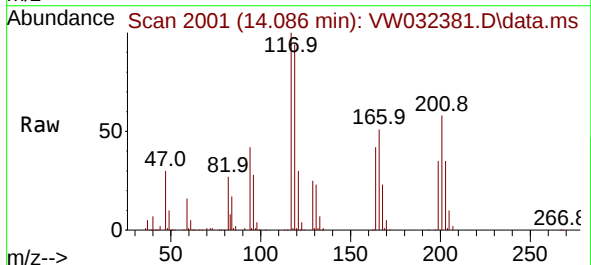
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

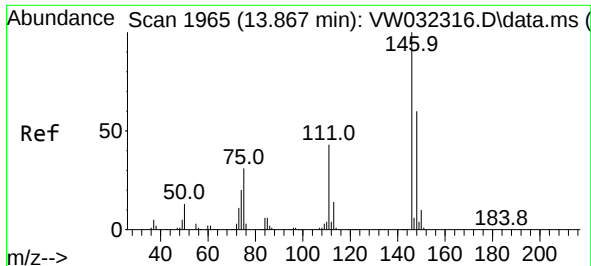
Tgt Ion: 91 Resp: 291522
Ion Ratio Lower Upper
91 100
92 53.3 27.0 81.0
134 24.1 13.1 39.3



#90
Hexachloroethane
Concen: 23.273 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion: 117 Resp: 61557
Ion Ratio Lower Upper
117 100
201 61.3 32.8 98.4





#91

1,2-Dichlorobenzene

Concen: 21.342 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBS01

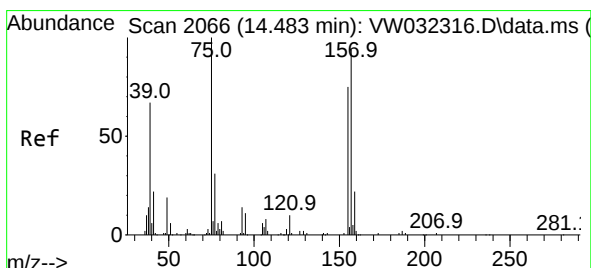
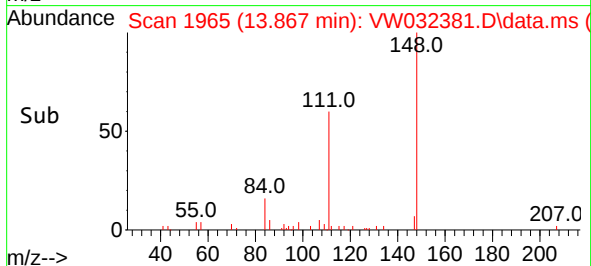
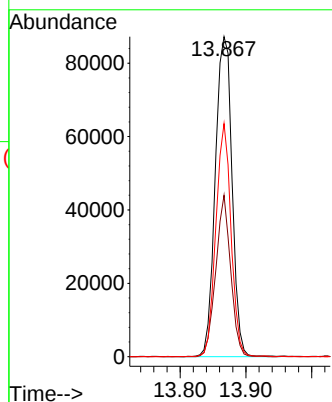
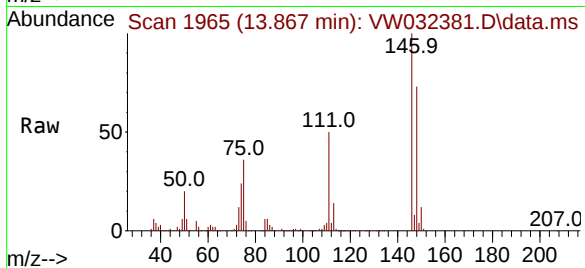
Tgt Ion:146 Resp: 154465

Ion Ratio Lower Upper

146 100

111 44.9 23.4 70.0

148 66.0 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.030 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

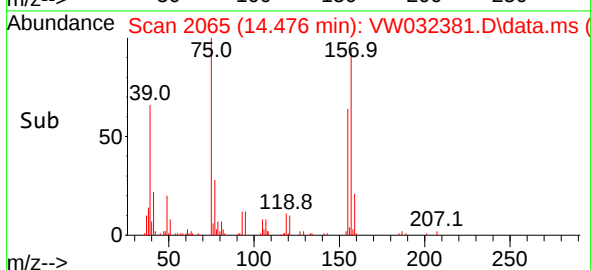
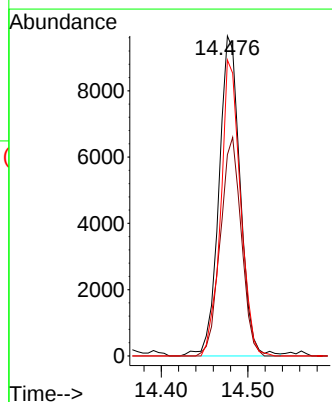
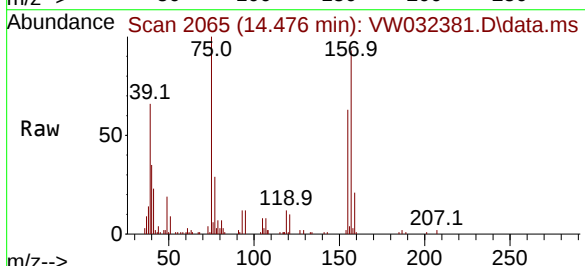
Tgt Ion: 75 Resp: 16422

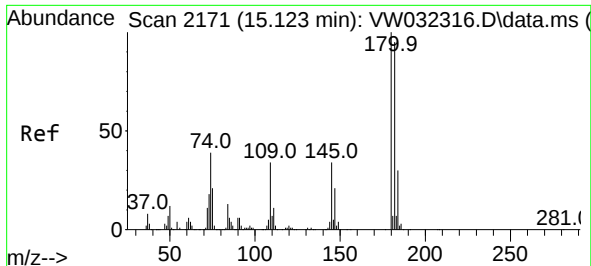
Ion Ratio Lower Upper

75 100

155 67.4 40.8 122.5

157 85.8 51.8 155.4

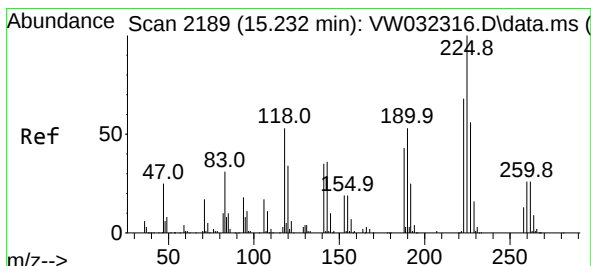
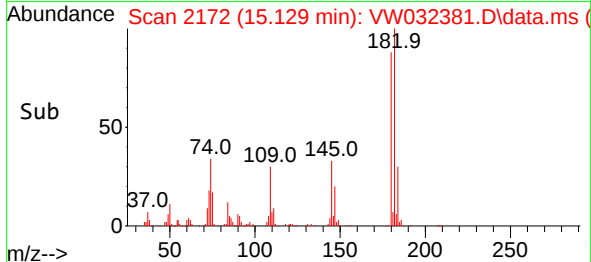
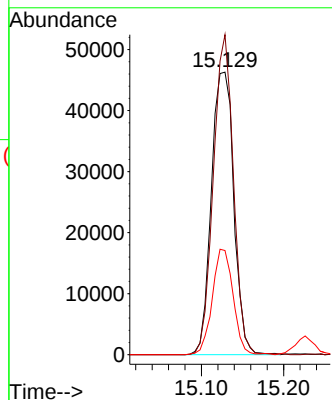
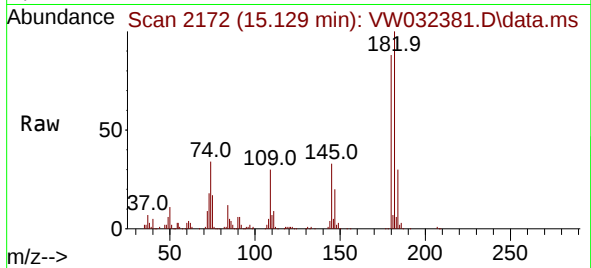




#93
1,2,4-Trichlorobenzene
Concen: 20.256 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

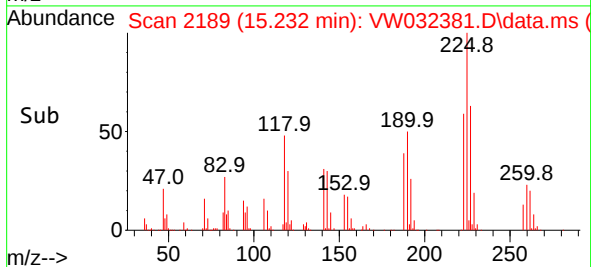
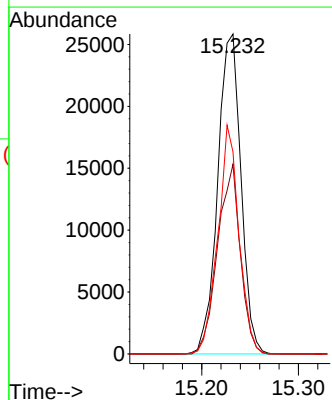
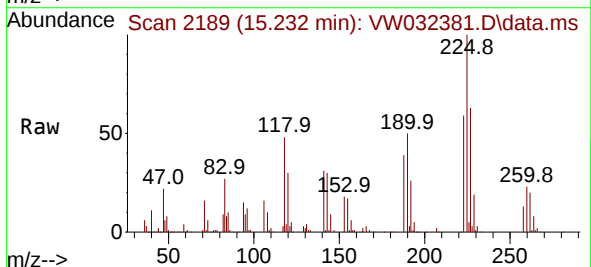
Instrument :
MSVOA_W
ClientSampleId :
VW1020SBSD01

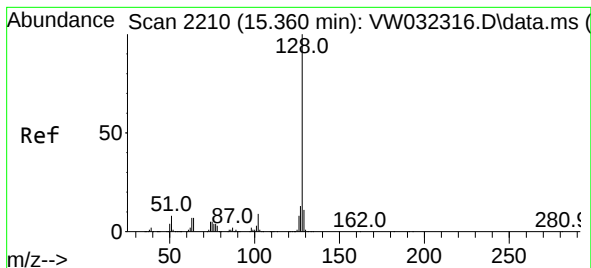
Tgt Ion:180 Resp: 87912
Ion Ratio Lower Upper
180 100
182 101.2 47.4 142.2
145 34.6 16.4 49.1



#94
Hexachlorobutadiene
Concen: 21.748 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032381.D
Acq: 20 Oct 2025 12:03

Tgt Ion:225 Resp: 43154
Ion Ratio Lower Upper
225 100
223 57.9 29.8 89.3
227 64.9 30.5 91.5





#95

Naphthalene

Concen: 20.040 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Instrument :

MSVOA_W

ClientSampleId :

VW1020SBSD01

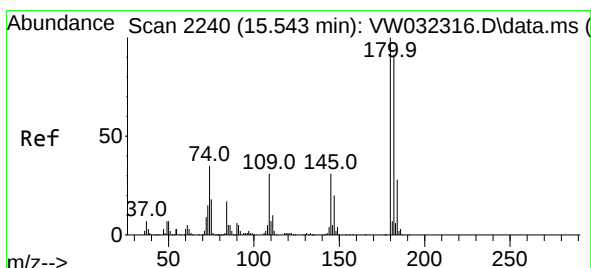
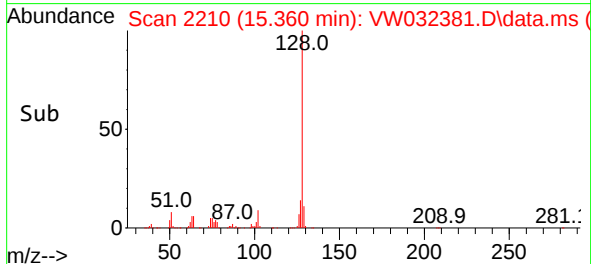
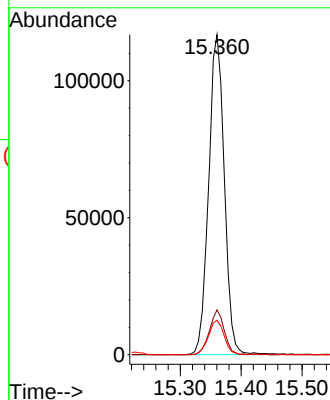
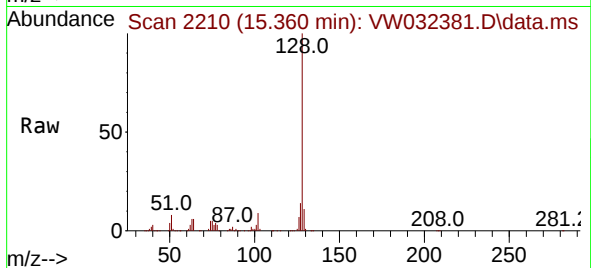
Tgt Ion:128 Resp: 208869

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.929 ug/l

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW032381.D

Acq: 20 Oct 2025 12:03

Tgt Ion:180 Resp: 85615

Ion Ratio Lower Upper

180 100

182 95.8 47.7 143.1

145 34.6 17.2 51.6

