

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091725\
 Data File : VW032183.D
 Acq On : 17 Sep 2025 12:24
 Operator : SY/MD
 Sample : VW0917SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 04:32:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	196684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	342838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	312097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	166069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147151	52.314	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.620%	
35) Dibromofluoromethane	7.904	113	116993	48.639	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 97.280%	
50) Toluene-d8	10.331	98	421914	49.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.617	95	154808	49.580	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.160%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	30477	23.470	ug/l	98
3) Chloromethane	2.253	50	34826	25.579	ug/l	98
4) Vinyl Chloride	2.405	62	48722	27.552	ug/l	98
5) Bromomethane	2.820	94	38311	24.260	ug/l	100
6) Chloroethane	2.978	64	33389	26.810	ug/l	99
7) Trichlorofluoromethane	3.308	101	41509	23.690	ug/l	94
8) Diethyl Ether	3.716	74	29641	22.669	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	48094	24.366	ug/l	98
10) Methyl Iodide	4.308	142	67057	22.312	ug/l	98
11) Tert butyl alcohol	5.222	59	20927	121.630	ug/l	98
12) 1,1-Dichloroethene	4.076	96	49633	23.877	ug/l	97
13) Acrolein	3.936	56	16229	61.363	ug/l	93
14) Allyl chloride	4.704	41	63859	21.627	ug/l	97
15) Acrylonitrile	5.405	53	72106	113.424	ug/l	99
16) Acetone	4.161	43	93858	154.073	ug/l	95
17) Carbon Disulfide	4.423	76	116656	22.438	ug/l	100
18) Methyl Acetate	4.710	43	39704	20.456	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	86143	21.945	ug/l	95
20) Methylene Chloride	4.960	84	57448	20.403	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	50793	21.873	ug/l	90
22) Diisopropyl ether	6.344	45	146764	22.838	ug/l	95
23) Vinyl Acetate	6.283	43	515780	118.048	ug/l	98
24) 1,1-Dichloroethane	6.246	63	92978	22.100	ug/l	99
25) 2-Butanone	7.197	43	110942	128.520	ug/l	100
26) 2,2-Dichloropropane	7.185	77	53411	23.973	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	60427	21.385	ug/l	96
28) Bromochloromethane	7.533	49	44018	22.856	ug/l	91
29) Tetrahydrofuran	7.557	42	63813	116.331	ug/l	99
30) Chloroform	7.691	83	108282	22.543	ug/l	95
31) Cyclohexane	7.971	56	76552	22.169	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	78991	22.527	ug/l	99
36) 1,1-Dichloropropene	8.100	75	69235	22.200	ug/l	99
37) Ethyl Acetate	7.283	43	42881	22.920	ug/l	97
38) Carbon Tetrachloride	8.081	117	73808	22.077	ug/l	97
39) Methylcyclohexane	9.343	83	80081	21.679	ug/l	94
40) Benzene	8.337	78	211803	21.971	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22214	21.371	ug/l	96
42) 1,2-Dichloroethane	8.410	62	75629	22.630	ug/l	99
43) Isopropyl Acetate	8.441	43	79706	22.710	ug/l	99
44) Trichloroethene	9.105	130	51464	21.228	ug/l	90
45) 1,2-Dichloropropane	9.374	63	51484	22.154	ug/l	100
46) Dibromomethane	9.465	93	35910	22.031	ug/l	92
47) Bromodichloromethane	9.654	83	78031	21.066	ug/l	97
48) Methyl methacrylate	9.441	41	35988	22.250	ug/l	99
49) 1,4-Dioxane	9.465	88	9151	464.662	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	233505	117.824	ug/l	98
52) Toluene	10.392	92	131510	20.876	ug/l	92
53) t-1,3-Dichloropropene	10.611	75	71207	21.792	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	82027	22.000	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	46686	22.026	ug/l	98
56) Ethyl methacrylate	10.648	69	57656	21.277	ug/l	97
57) 1,3-Dichloropropane	10.934	76	77324	21.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	152853	105.681	ug/l	98
59) 2-Hexanone	10.971	43	165252	119.896	ug/l	97
60) Dibromochloromethane	11.129	129	53642	20.915	ug/l	98
61) 1,2-Dibromoethane	11.233	107	44731	21.460	ug/l	100
64) Tetrachloroethene	10.861	164	41669	20.286	ug/l	92
65) Chlorobenzene	11.660	112	154030	21.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	50726	21.689	ug/l	97
67) Ethyl Benzene	11.733	91	248747	21.372	ug/l	97
68) m/p-Xylenes	11.837	106	194531	43.427	ug/l	96
69) o-Xylene	12.166	106	90648	21.394	ug/l	98
70) Styrene	12.178	104	156512	20.955	ug/l	97
71) Bromoform	12.349	173	30375	21.867	ug/l #	99
73) Isopropylbenzene	12.465	105	238429	21.133	ug/l	97
74) N-amyl acetate	12.270	43	71769	21.911	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	60740	22.654	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	73576	35.364	ug/l	38
77) Bromobenzene	12.745	156	58288	20.260	ug/l	93
78) n-propylbenzene	12.800	91	295053	21.541	ug/l	98
79) 2-Chlorotoluene	12.891	91	180563	21.557	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	199642	20.900	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	17171	22.222	ug/l	93
82) 4-Chlorotoluene	12.989	91	188258	20.997	ug/l	97
83) tert-Butylbenzene	13.202	119	169969	20.986	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	210523	21.303	ug/l	100
85) sec-Butylbenzene	13.379	105	252463	20.878	ug/l	99
86) p-Isopropyltoluene	13.495	119	207977	20.224	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	118332	20.427	ug/l	95
88) 1,4-Dichlorobenzene	13.574	146	124834	21.499	ug/l	95
89) n-Butylbenzene	13.818	91	209562	21.375	ug/l	97
90) Hexachloroethane	14.086	117	39841	21.181	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	112876	22.008	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10636	22.454	ug/l	85
93) 1,2,4-Trichlorobenzene	15.129	180	59716	18.224	ug/l	92
94) Hexachlorobutadiene	15.226	225	33703	20.738	ug/l	97
95) Naphthalene	15.360	128	151915	20.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	60549	19.869	ug/l	96

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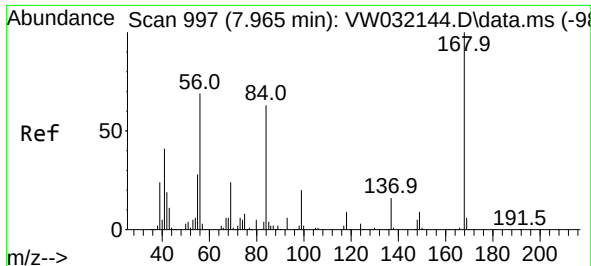
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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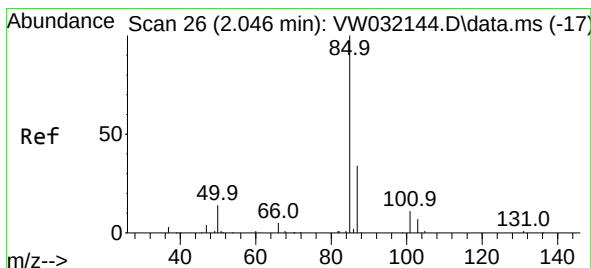
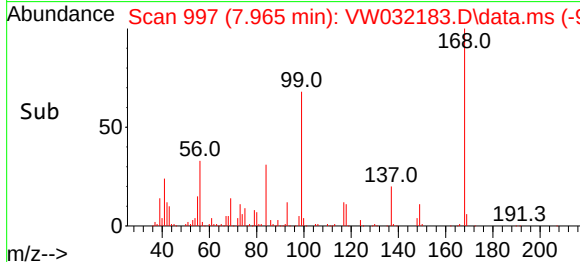
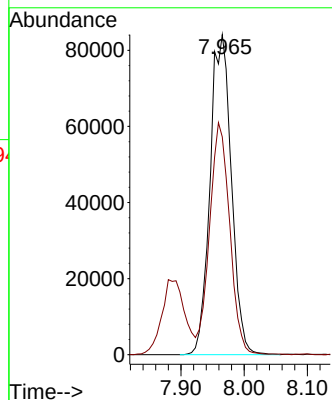
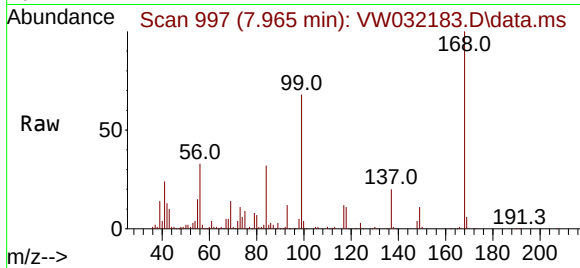




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

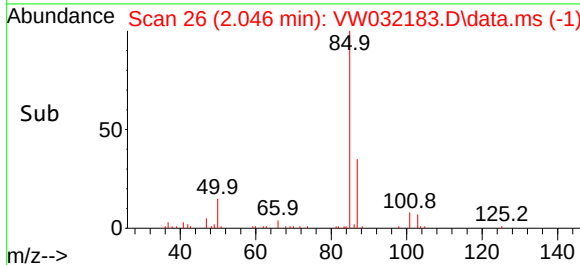
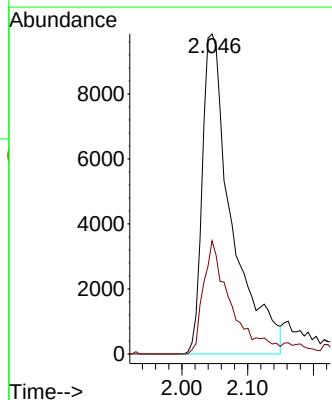
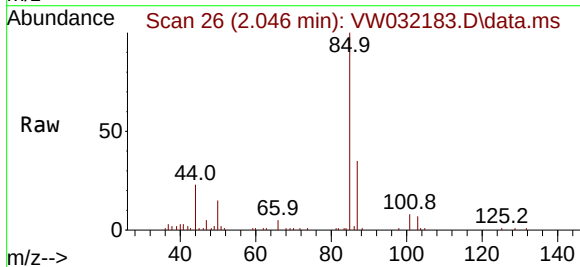
Instrument :
MSVOA_W
ClientSampleId :

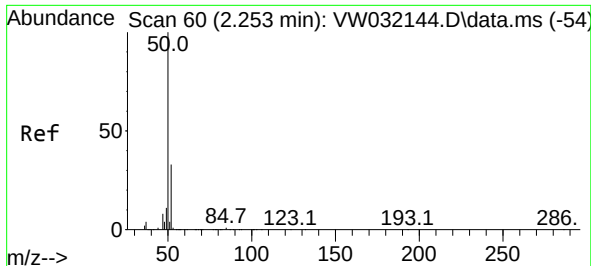
Tgt Ion:168 Resp: 196684
Ion Ratio Lower Upper
168 100
99 67.8 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 23.470 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 85 Resp: 30477
Ion Ratio Lower Upper
85 100
87 35.4 17.2 51.6

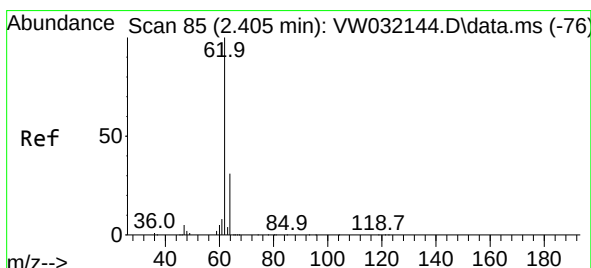
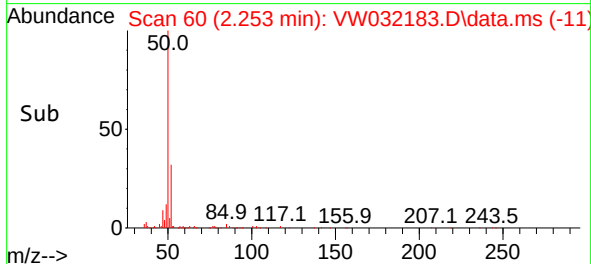
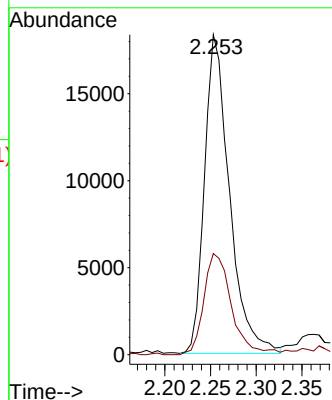
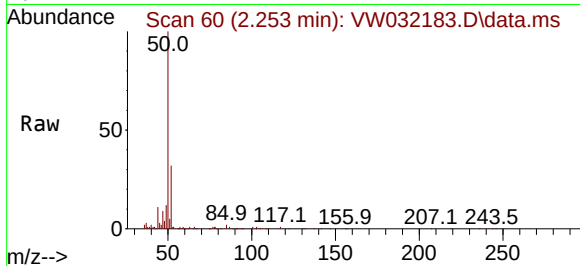




#3
Chloromethane
Concen: 25.579 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

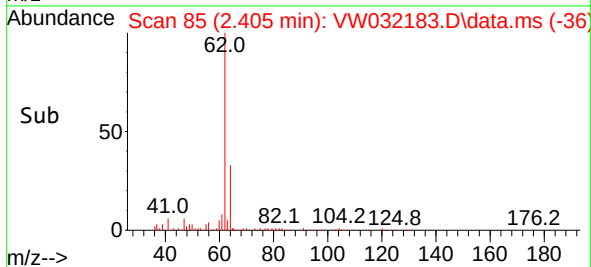
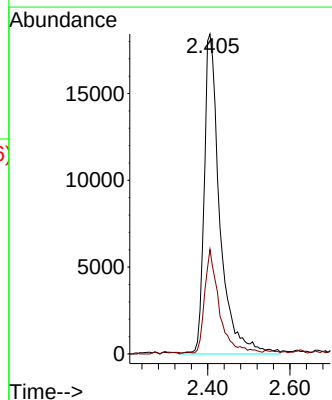
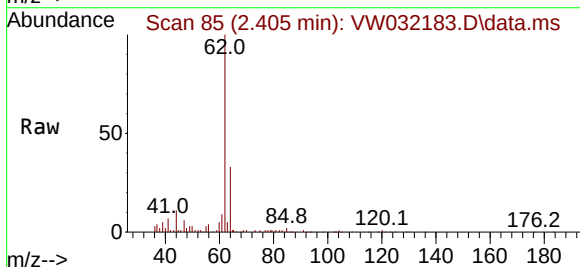
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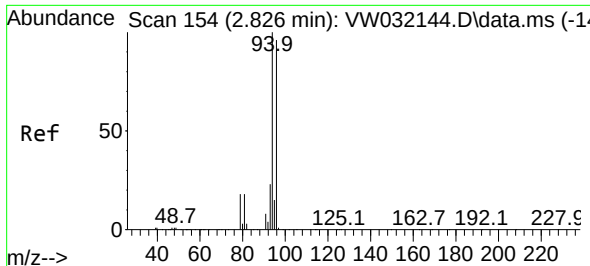
Tgt Ion: 50 Resp: 34826
Ion Ratio Lower Upper
50 100
52 31.8 26.1 39.1



#4
Vinyl Chloride
Concen: 27.552 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

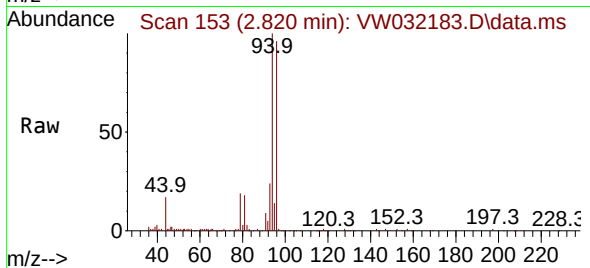
Tgt Ion: 62 Resp: 48722
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2



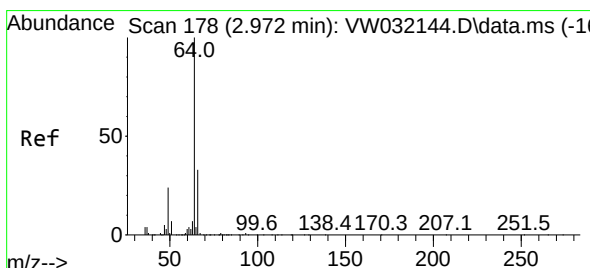
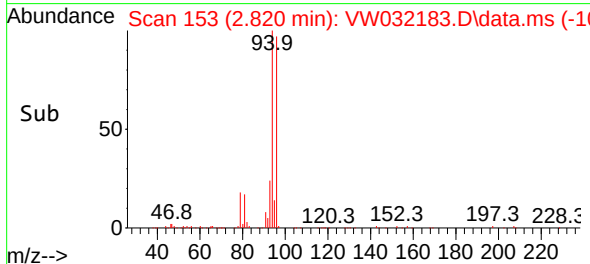
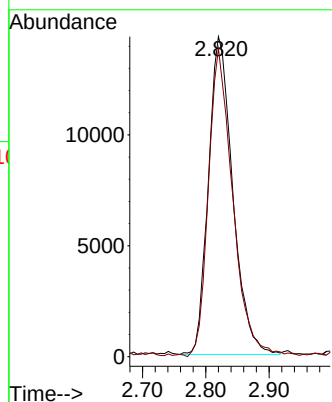


#5
Bromomethane
Concen: 24.260 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

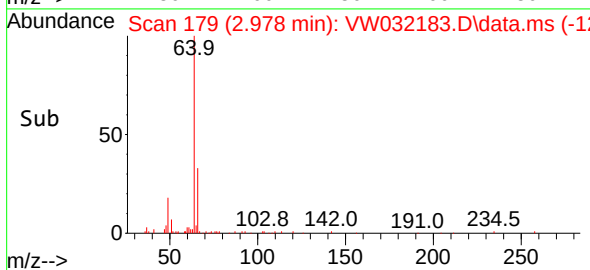
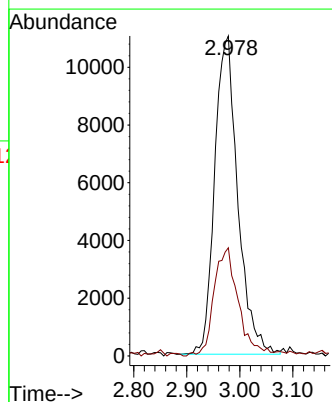
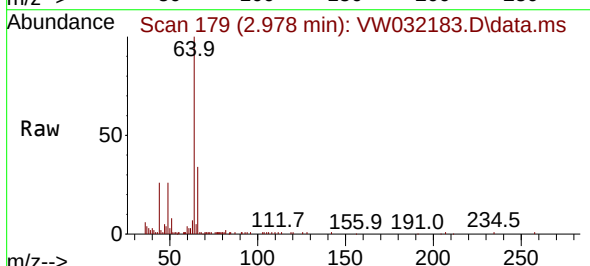


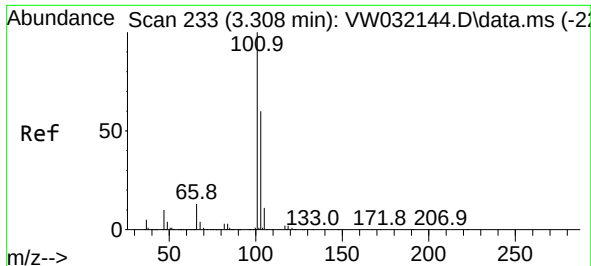
Tgt Ion: 94 Resp: 38311
Ion Ratio Lower Upper
94 100
96 96.3 76.6 115.0



#6
Chloroethane
Concen: 26.810 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 64 Resp: 33389
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

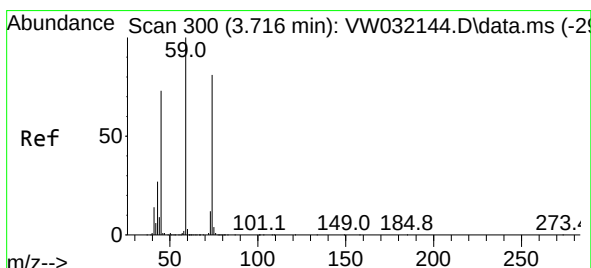
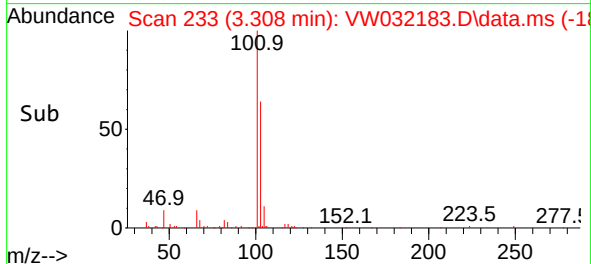
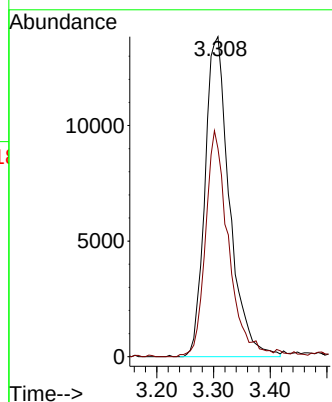
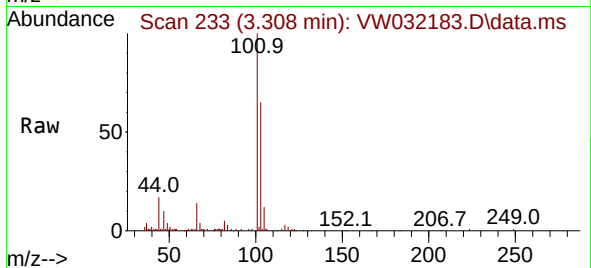




#7
 Trichlorofluoromethane
 Concen: 23.690 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

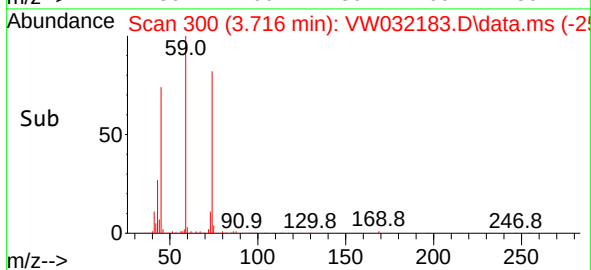
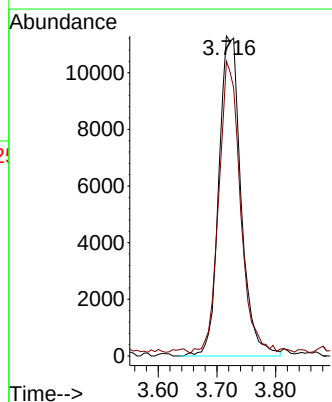
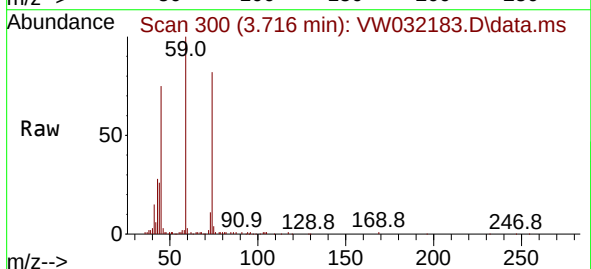
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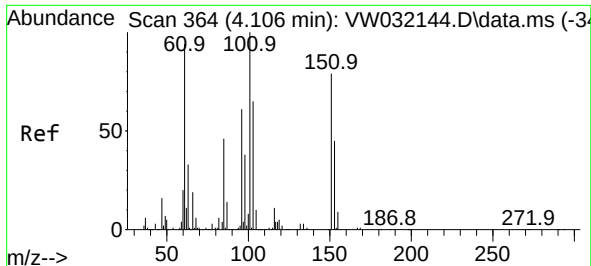
Tgt Ion:101 Resp: 41509
 Ion Ratio Lower Upper
 101 100
 103 64.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 22.669 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Tgt Ion: 74 Resp: 29641
 Ion Ratio Lower Upper
 74 100
 45 88.9 43.1 129.4

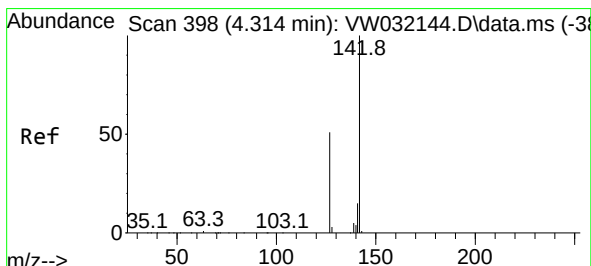
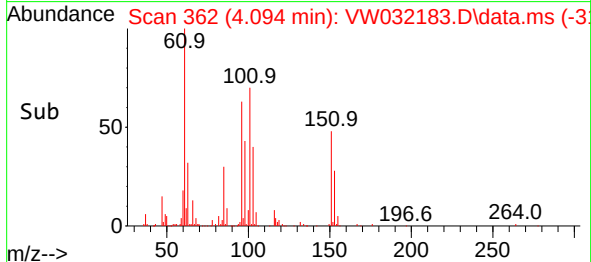
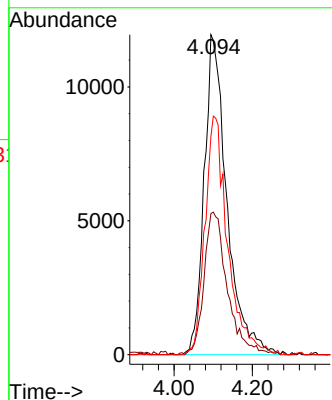
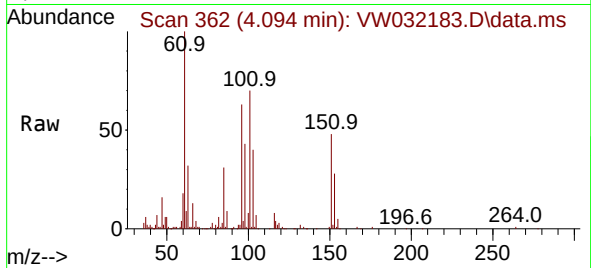




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.366 ug/l
RT: 4.094 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW032183.D
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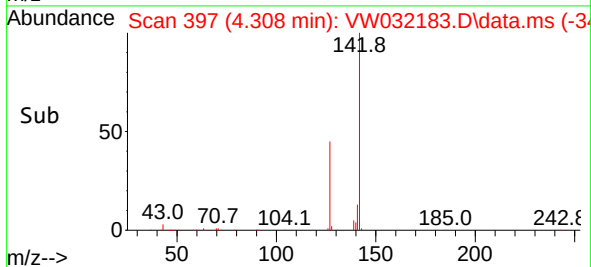
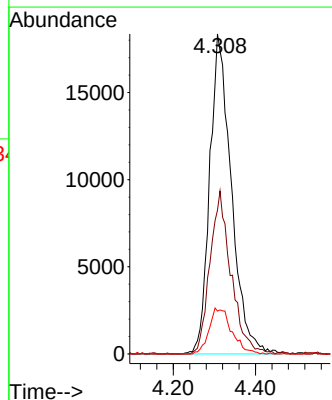
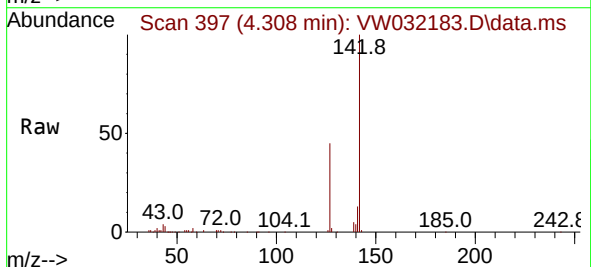
Instrument :
MSVOA_W
ClientSampleId :

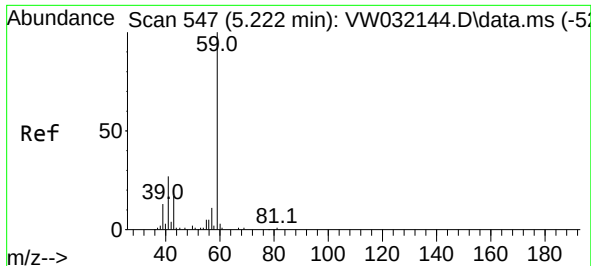
Tgt Ion:101 Resp: 48094
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 74.7 61.5 92.3



#10
Methyl Iodide
Concen: 22.312 ug/l
RT: 4.308 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion:142 Resp: 67057
Ion Ratio Lower Upper
142 100
127 49.6 38.2 57.2
141 14.9 12.2 18.2

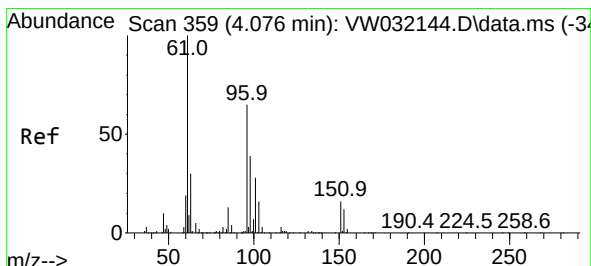
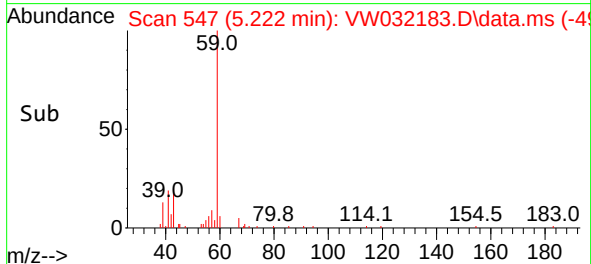
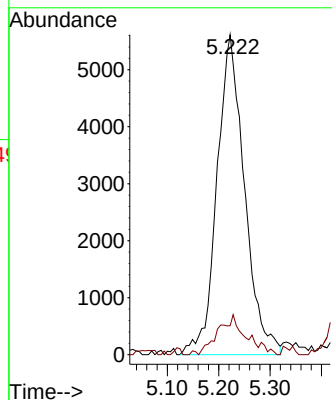
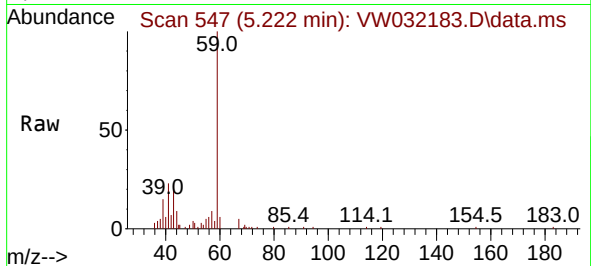




#11
Tert butyl alcohol
Concen: 121.630 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

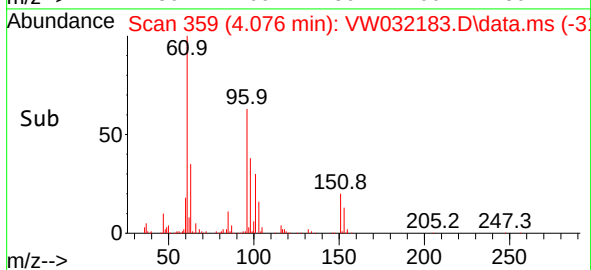
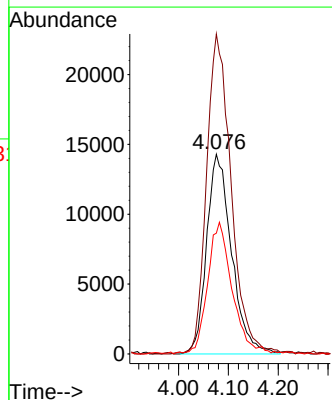
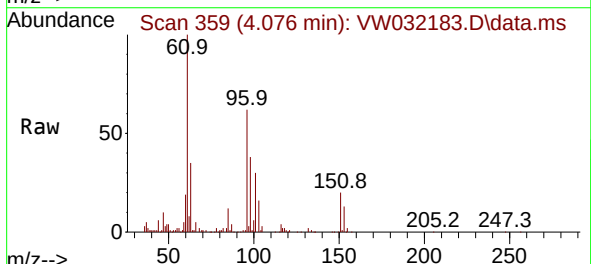
Instrument :
MSVOA_W
ClientSampleId :

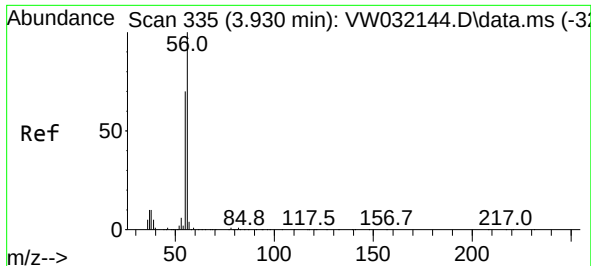
Tgt Ion: 59 Resp: 20927
Ion Ratio Lower Upper
59 100
57 12.8 9.8 14.6



#12
1,1-Dichloroethene
Concen: 23.877 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

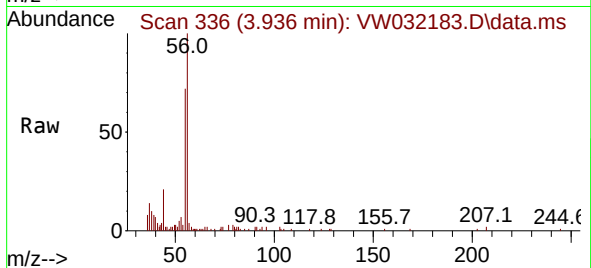
Tgt Ion: 96 Resp: 49633
Ion Ratio Lower Upper
96 100
61 159.3 123.0 184.4
98 59.7 48.5 72.7



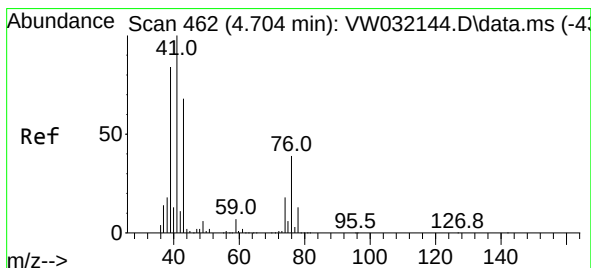
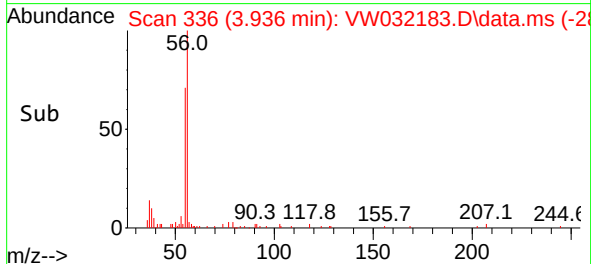
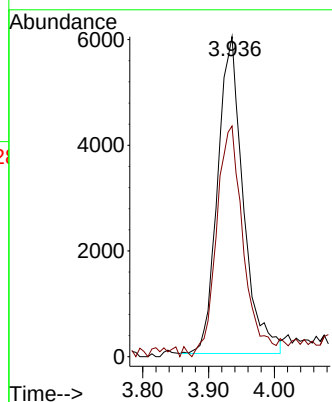


#13
Acrolein
Concen: 61.363 ug/l
RT: 3.936 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

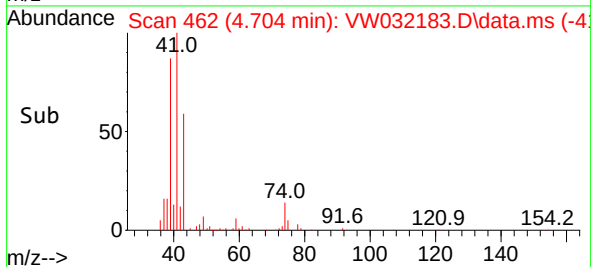
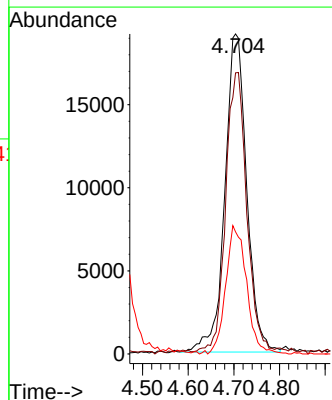
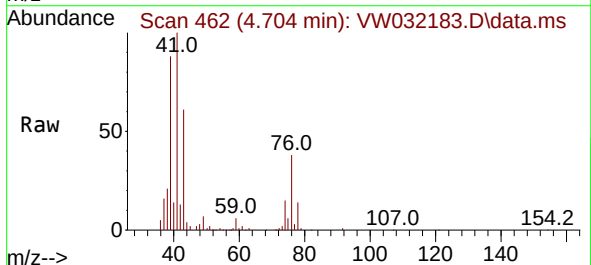


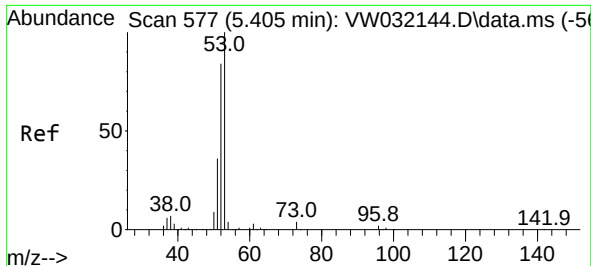
Tgt Ion: 56 Resp: 16229
Ion Ratio Lower Upper
56 100
55 76.3 56.4 84.6



#14
Allyl chloride
Concen: 21.627 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 41 Resp: 63859
Ion Ratio Lower Upper
41 100
39 83.8 64.1 96.1
76 38.3 31.4 47.2

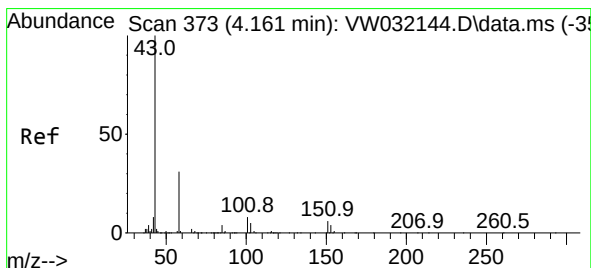
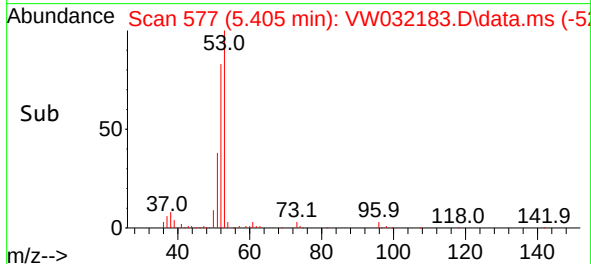
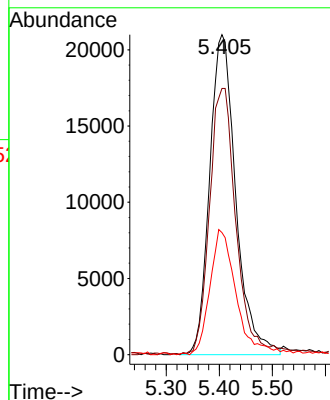
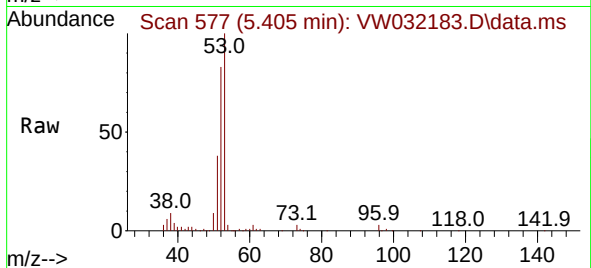




#15
Acrylonitrile
Concen: 113.424 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

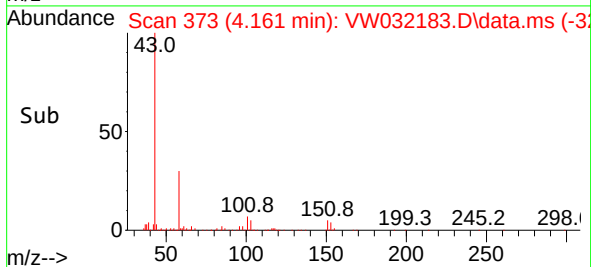
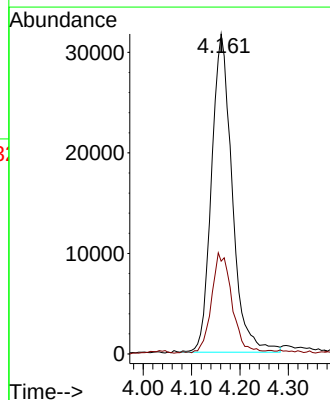
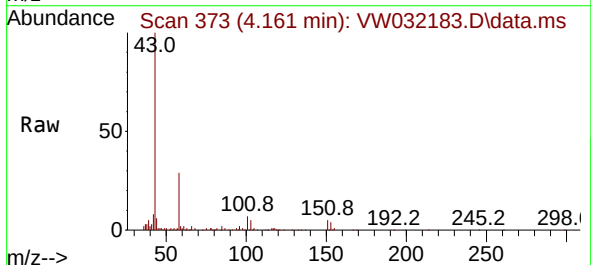
Instrument :
MSVOA_W
ClientSampleId :

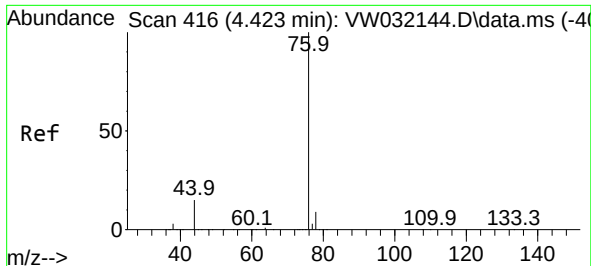
Tgt Ion: 53 Resp: 72106
Ion Ratio Lower Upper
53 100
52 84.7 67.4 101.2
51 39.2 30.3 45.5



#16
Acetone
Concen: 154.073 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 43 Resp: 93858
Ion Ratio Lower Upper
43 100
58 28.8 25.3 37.9

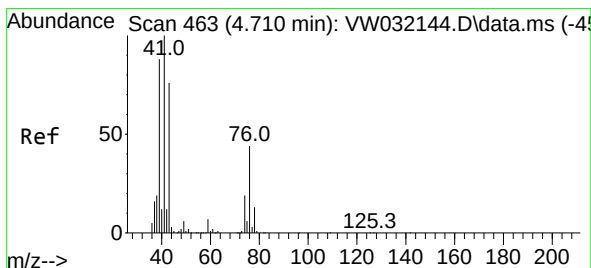
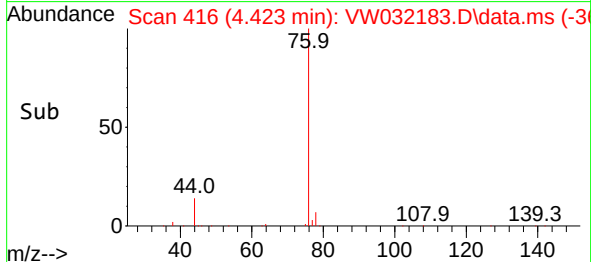
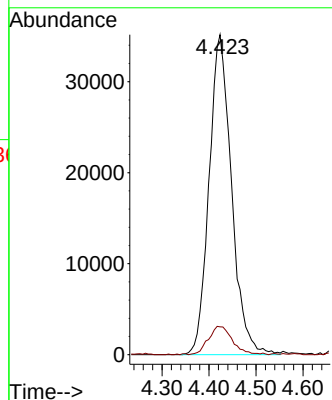
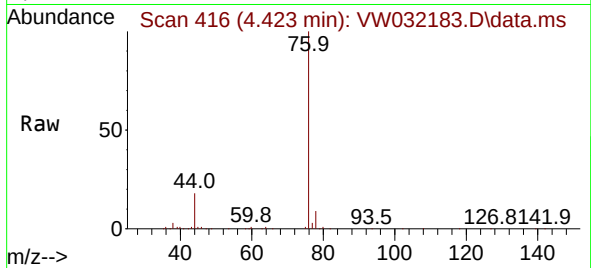




#17
Carbon Disulfide
Concen: 22.438 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

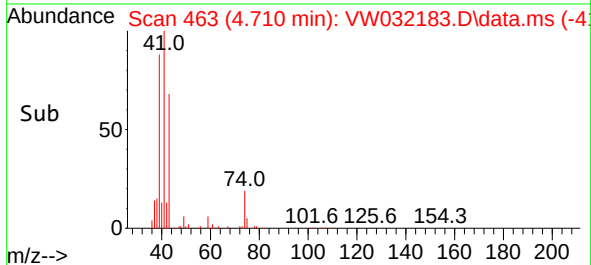
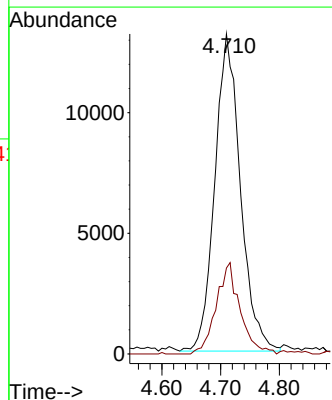
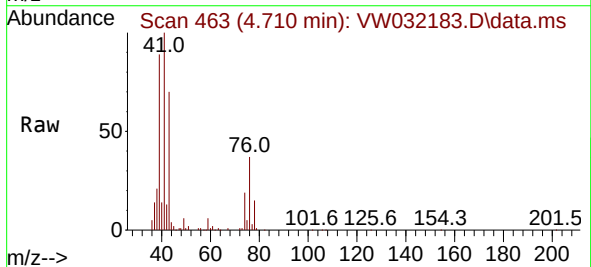
Instrument :
MSVOA_W
ClientSampleId :

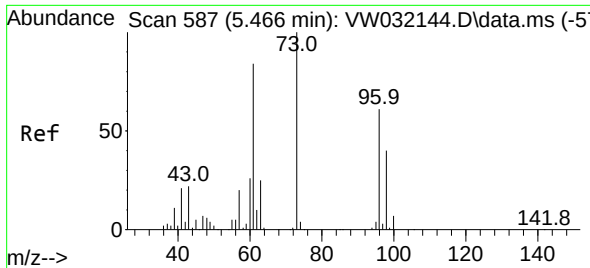
Tgt Ion: 76 Resp: 116656
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 20.456 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 43 Resp: 39704
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.4

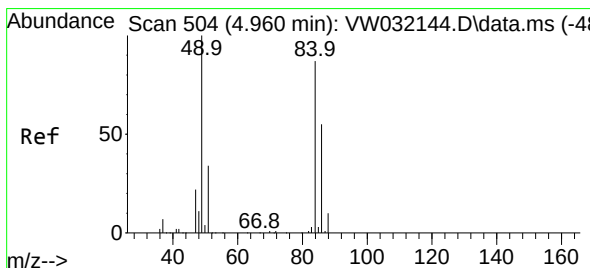
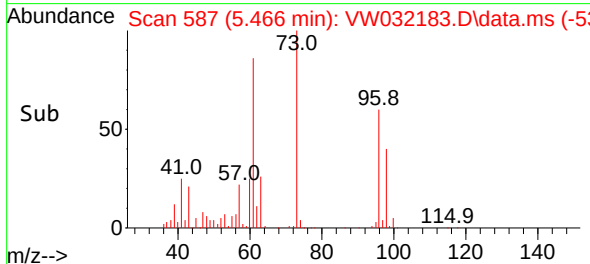
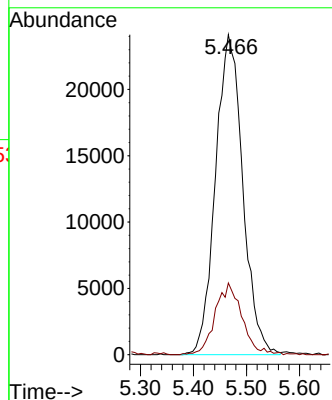
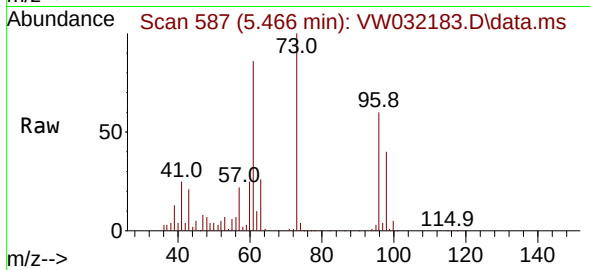




#19
Methyl tert-butyl Ether
Concen: 21.945 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

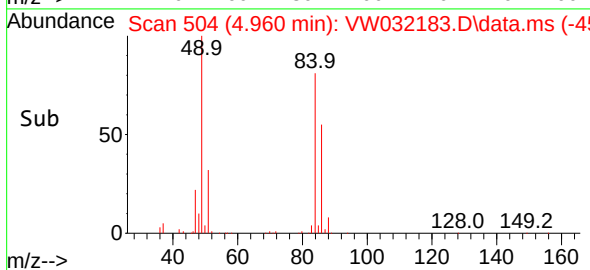
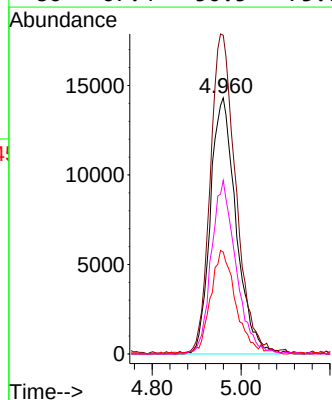
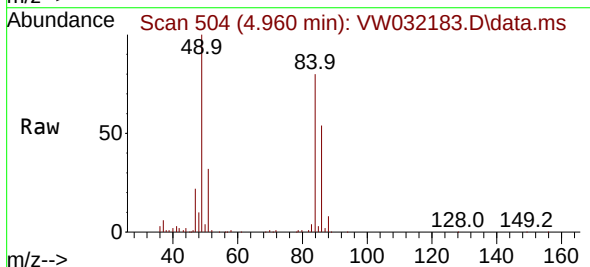
Instrument :
MSVOA_W
ClientSampleId :

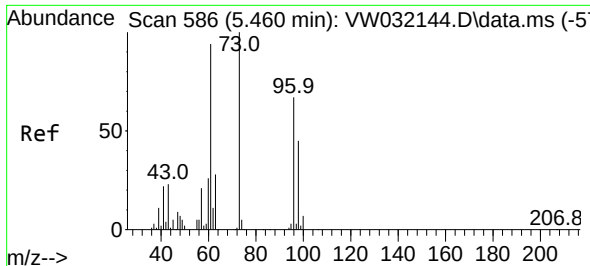
Tgt Ion: 73 Resp: 86143
Ion Ratio Lower Upper
73 100
57 22.4 16.2 24.4



#20
Methylene Chloride
Concen: 20.403 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

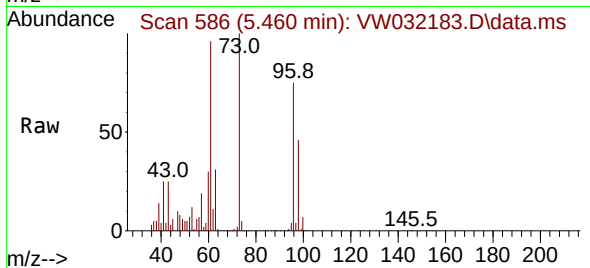
Tgt Ion: 84 Resp: 57448
Ion Ratio Lower Upper
84 100
49 123.5 92.2 138.4
51 39.3 31.0 46.6
86 67.4 50.5 75.7



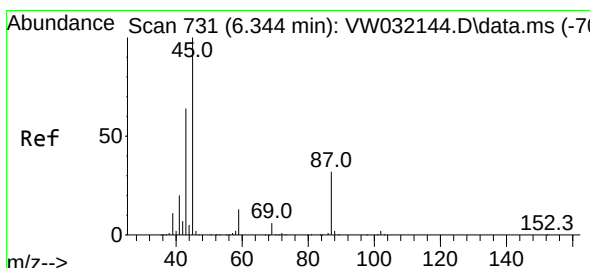
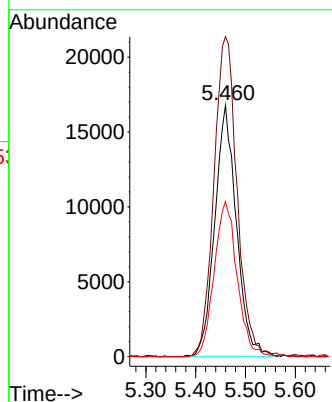
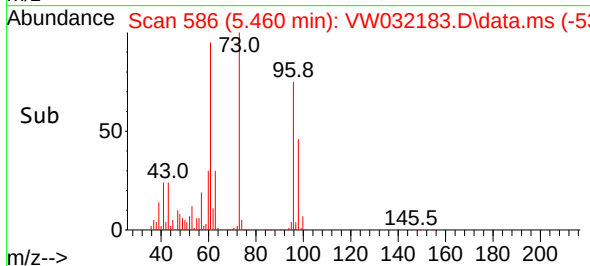


#21
trans-1,2-Dichloroethene
Concen: 21.873 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

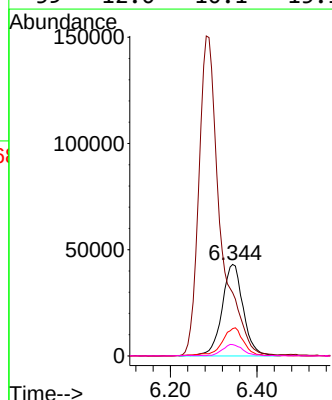
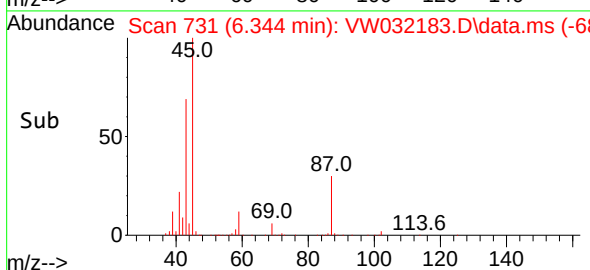
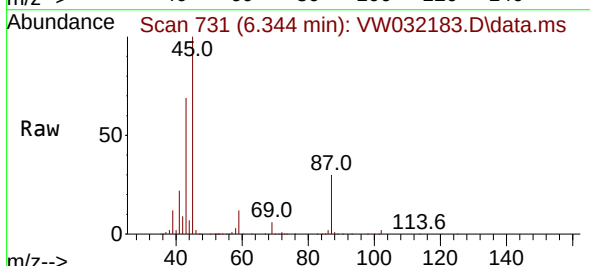


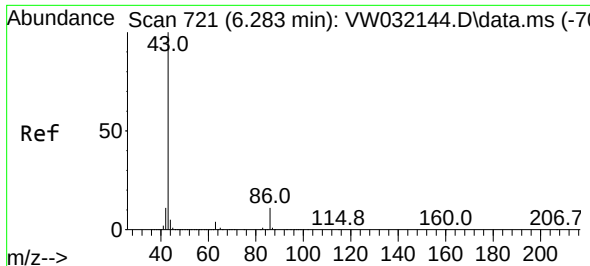
Tgt Ion: 96 Resp: 50793
Ion Ratio Lower Upper
96 100
61 127.3 112.5 168.7
98 61.7 54.2 81.4



#22
Diisopropyl ether
Concen: 22.838 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

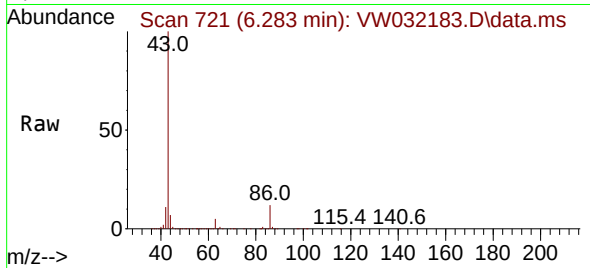
Tgt Ion: 45 Resp: 146764
Ion Ratio Lower Upper
45 100
43 68.5 51.4 77.2
87 29.7 25.9 38.9
59 12.0 10.1 15.1



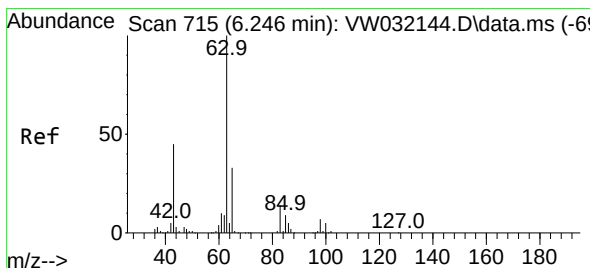
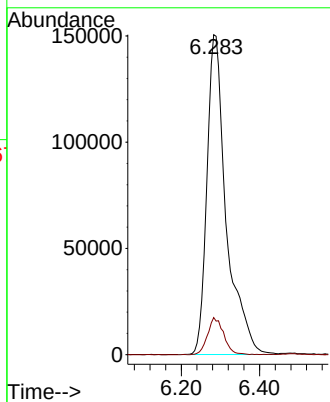
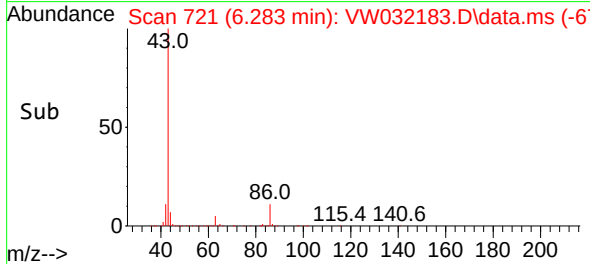


#23
 Vinyl Acetate
 Concen: 118.048 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

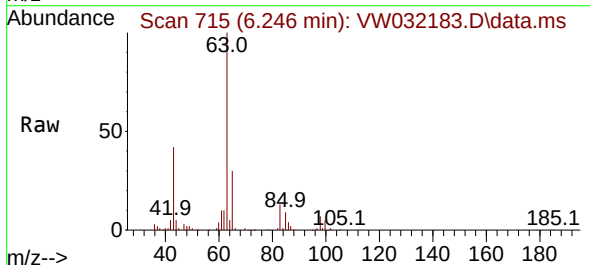
Instrument :
 MSVOA_W
 ClientSampleId :



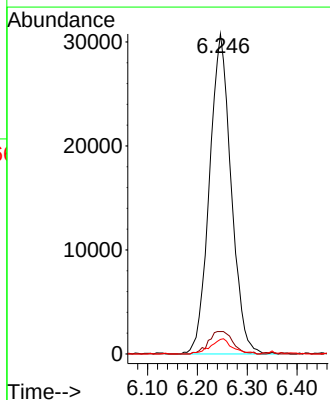
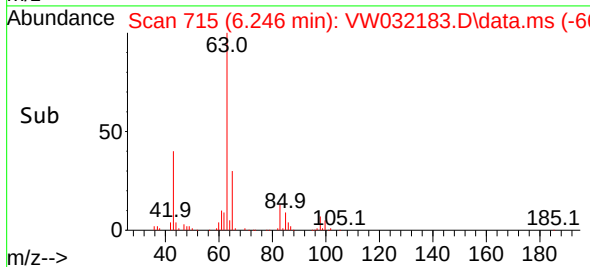
Tgt Ion: 43 Resp: 515780
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.8 13.2

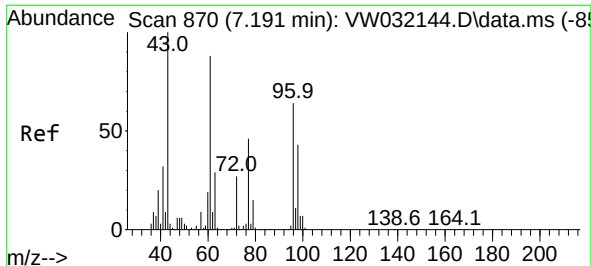


#24
 1,1-Dichloroethane
 Concen: 22.100 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24



Tgt Ion: 63 Resp: 92978
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.6 2.5 7.5

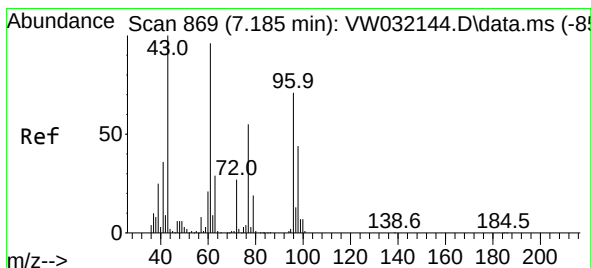
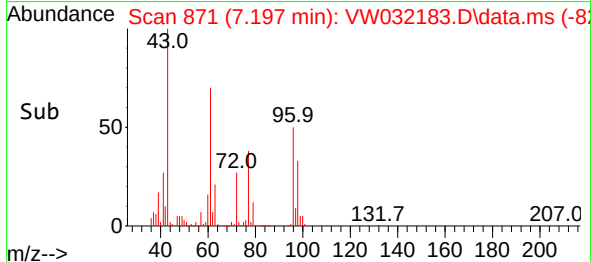
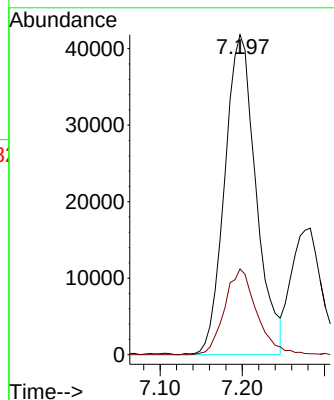
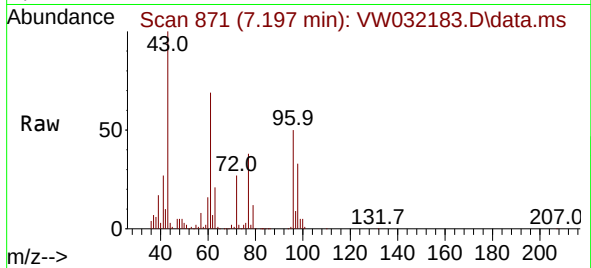




#25
2-Butanone
Concen: 128.520 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

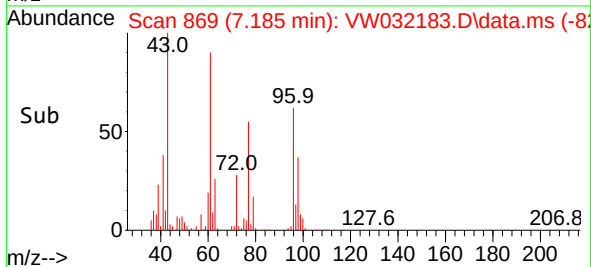
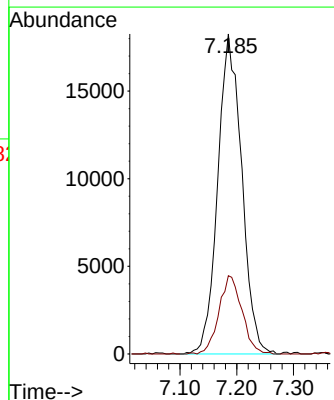
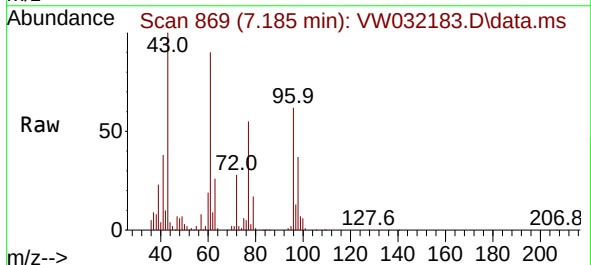
Instrument :
MSVOA_W
ClientSampleId :

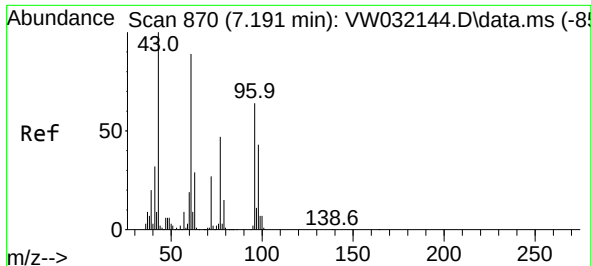
Tgt Ion: 43 Resp: 110942
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 23.973 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

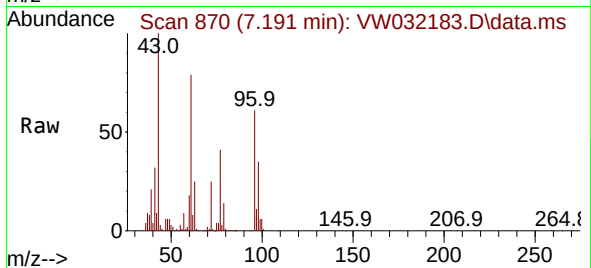
Tgt Ion: 77 Resp: 53411
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5





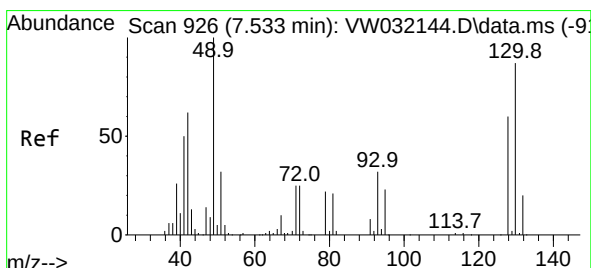
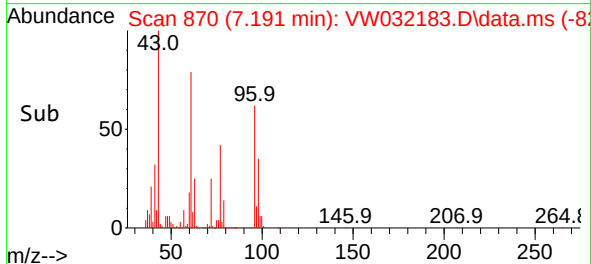
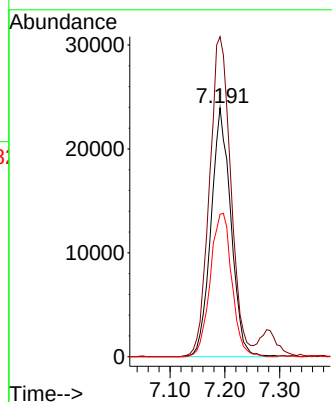
#27
 cis-1,2-Dichloroethene
 Concen: 21.385 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 60427

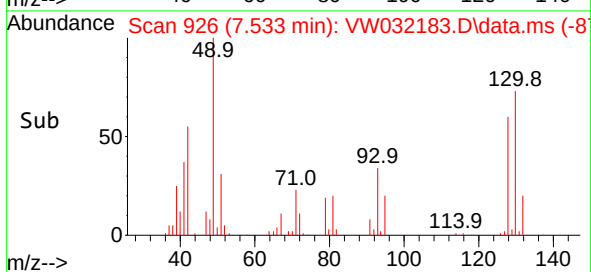
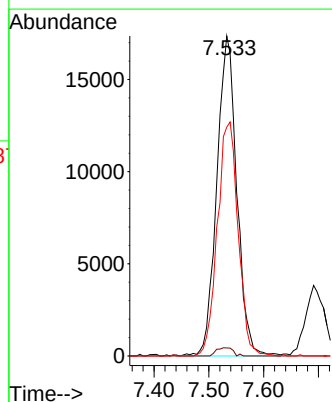
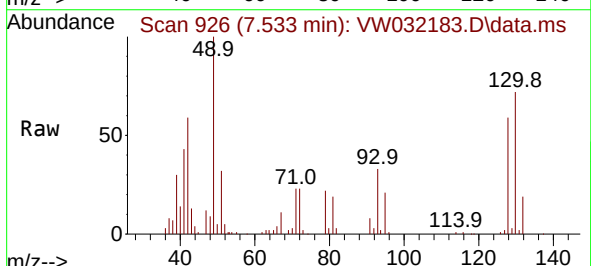
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	268.0
98	62.3	0.0	130.8

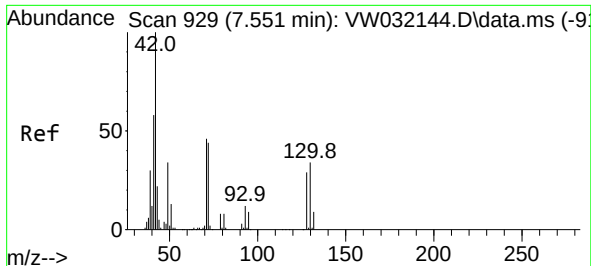


#28
 Bromochloromethane
 Concen: 22.856 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Tgt Ion: 49 Resp: 44018

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.8	67.5	101.3





#29

Tetrahydrofuran

Concen: 116.331 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

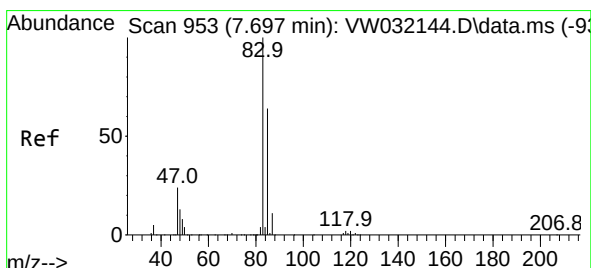
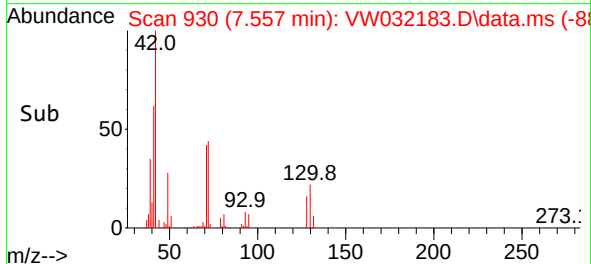
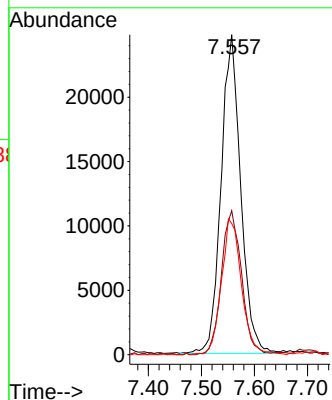
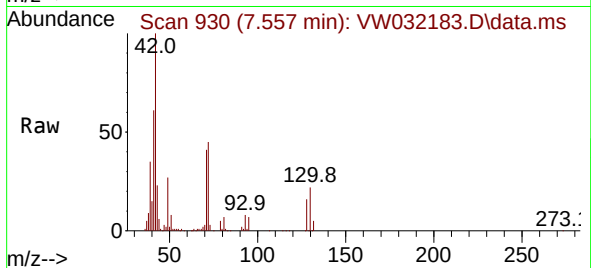
Tgt Ion: 42 Resp: 63813

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

71 43.6 36.0 54.0



#30

Chloroform

Concen: 22.543 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032183.D

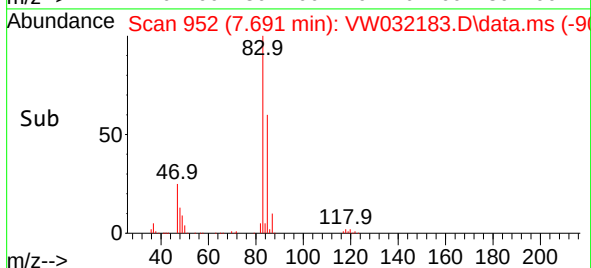
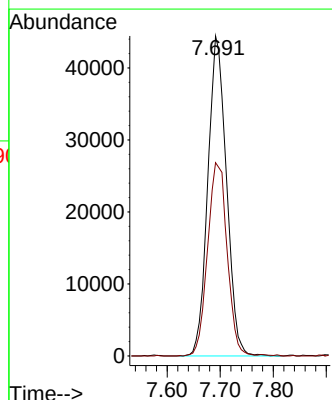
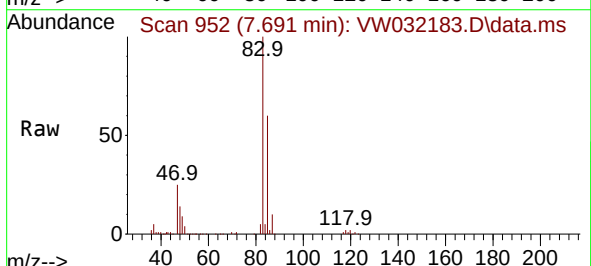
Acq: 17 Sep 2025 12:24

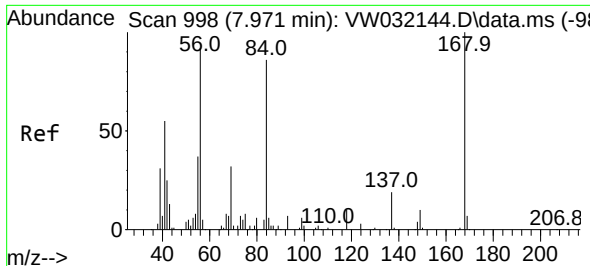
Tgt Ion: 83 Resp: 108282

Ion Ratio Lower Upper

83 100

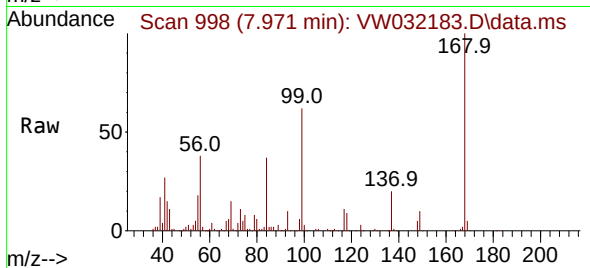
85 60.3 51.2 76.8



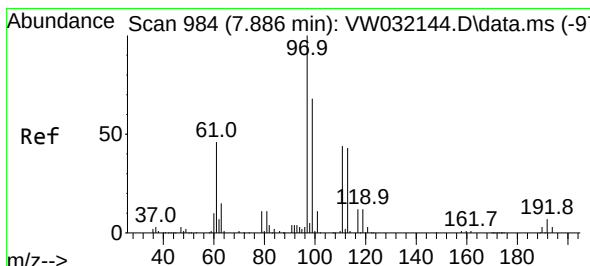
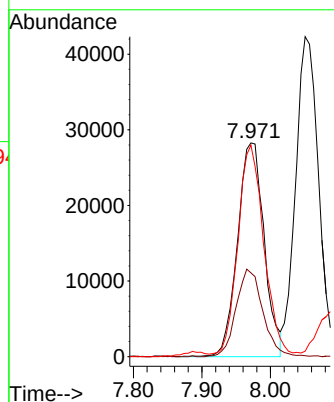
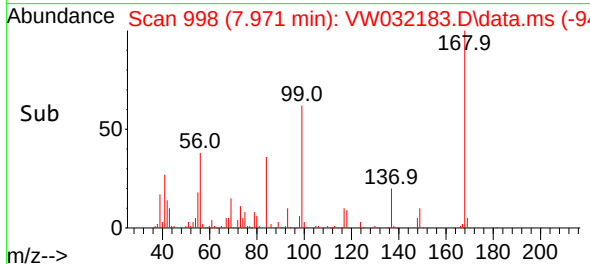


#31
Cyclohexane
Concen: 22.169 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

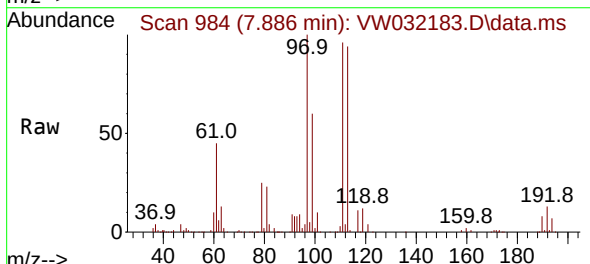
Instrument :
MSVOA_W
ClientSampleId :



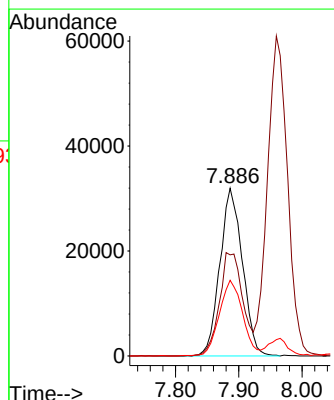
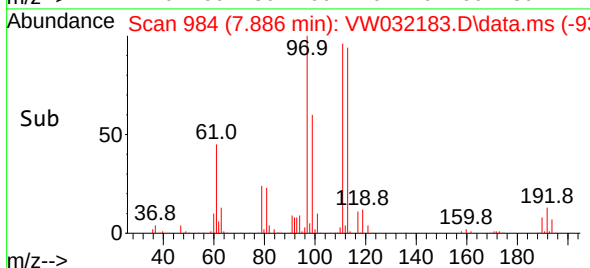
Tgt Ion: 56 Resp: 76552
Ion Ratio Lower Upper
56 100
69 39.2 27.7 41.5
84 98.1 74.6 112.0

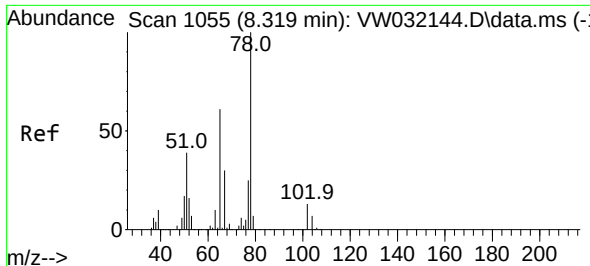


#32
1,1,1-Trichloroethane
Concen: 22.527 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24



Tgt Ion: 97 Resp: 78991
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 47.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.314 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

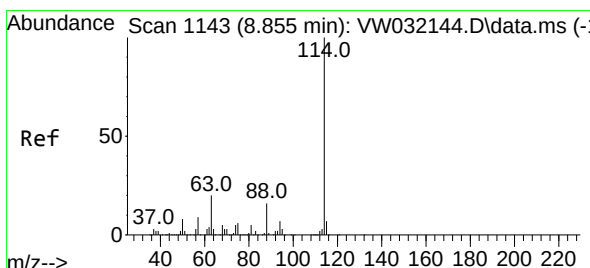
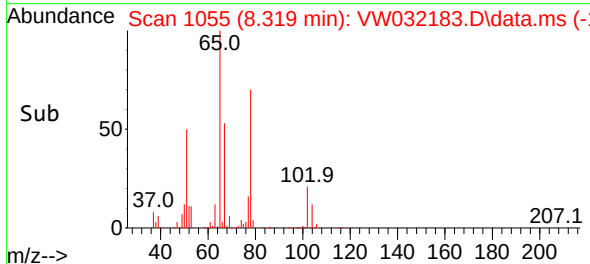
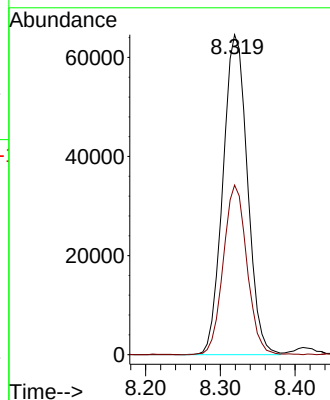
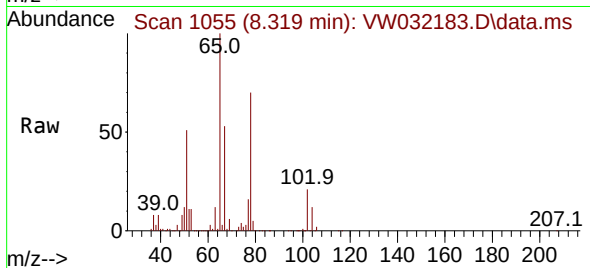
ClientSampleId :

Tgt Ion: 65 Resp: 147151

Ion Ratio Lower Upper

65 100

67 51.2 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: VW032183.D

Acq: 17 Sep 2025 12:24

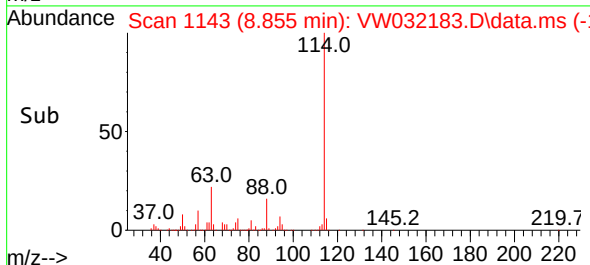
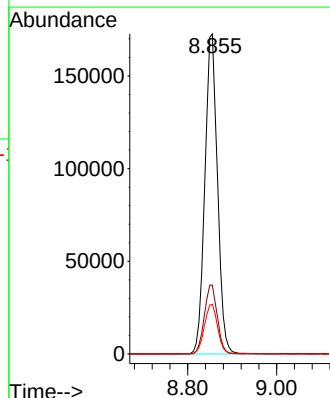
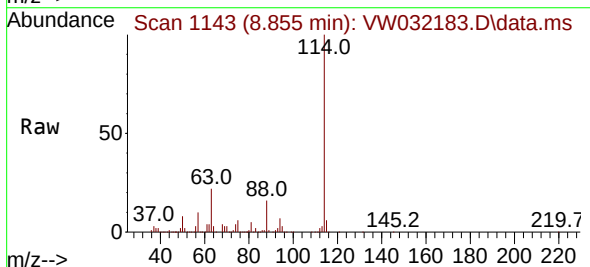
Tgt Ion: 114 Resp: 342838

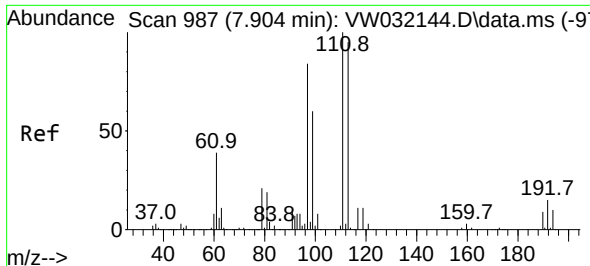
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

88 15.6 0.0 32.0

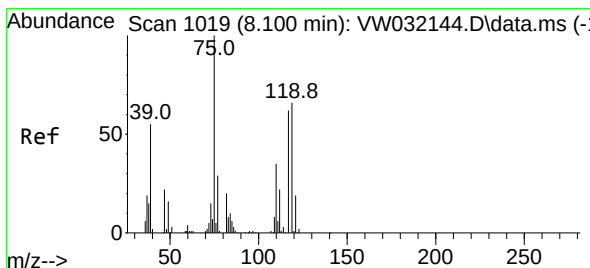
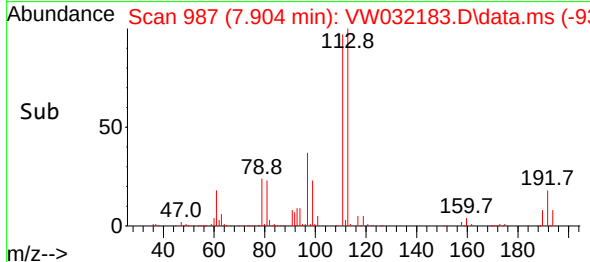
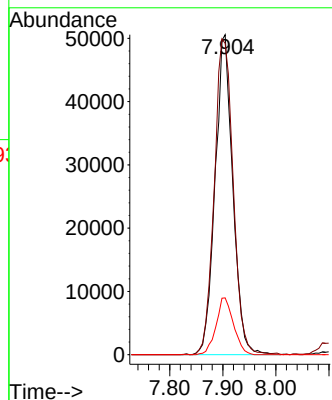
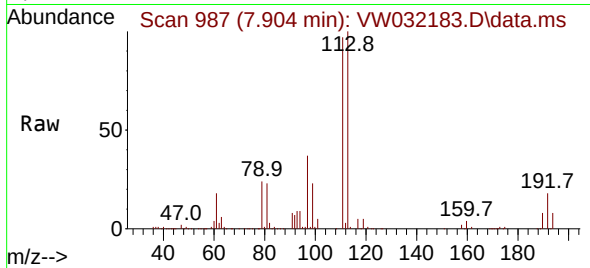




#35
 Dibromofluoromethane
 Concen: 48.639 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

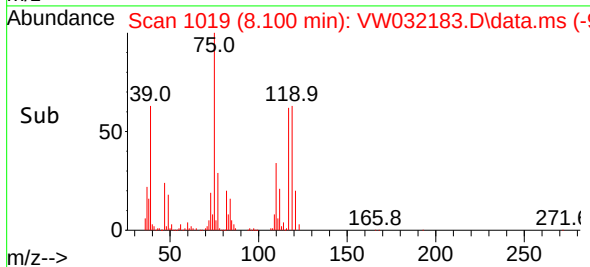
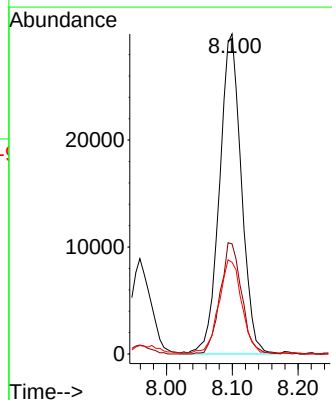
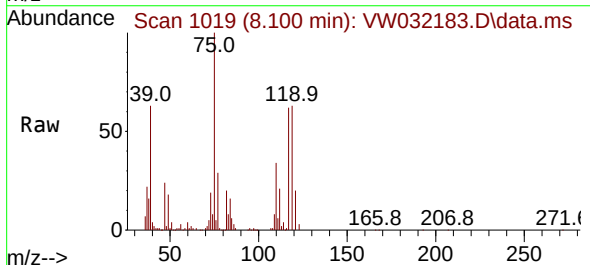
Instrument :
 MSVOA_W
 ClientSampleId :

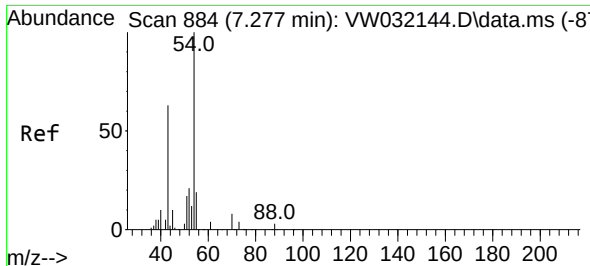
Tgt Ion: 113 Resp: 116993
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.9 125.9
 192 17.6 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 22.200 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Tgt Ion: 75 Resp: 69235
 Ion Ratio Lower Upper
 75 100
 110 34.1 17.5 52.5
 77 30.9 24.1 36.1





#37

Ethyl Acetate

Concen: 22.920 ug/l

RT: 7.283 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

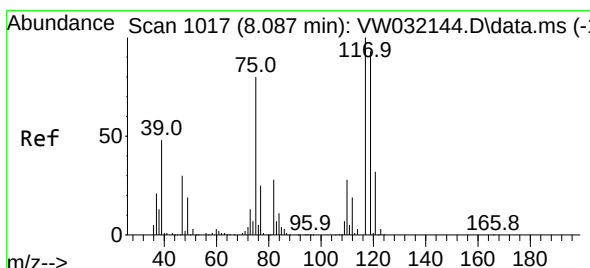
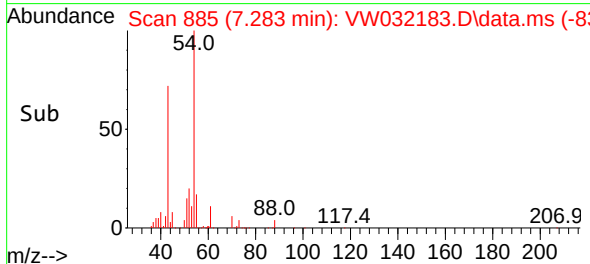
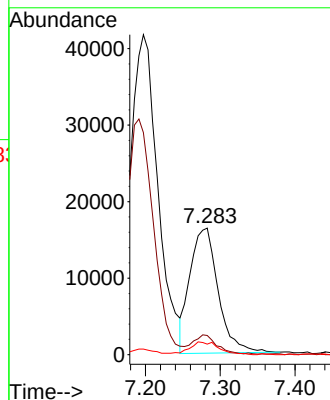
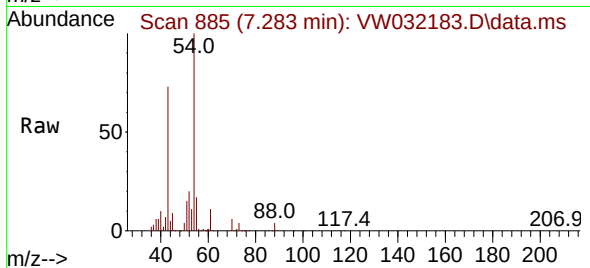
Tgt Ion: 43 Resp: 42881

Ion Ratio Lower Upper

43 100

61 12.5 11.3 16.9

70 10.8 8.9 13.3



#38

Carbon Tetrachloride

Concen: 22.077 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

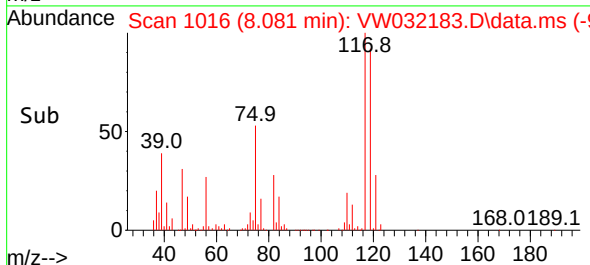
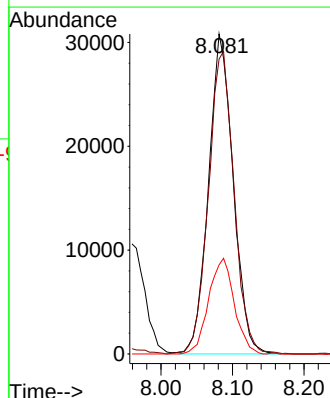
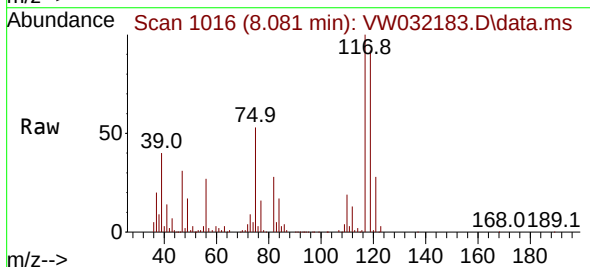
Tgt Ion: 117 Resp: 73808

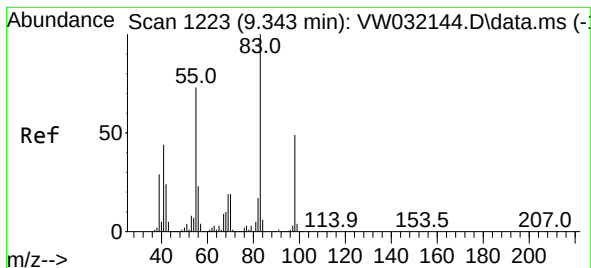
Ion Ratio Lower Upper

117 100

119 91.9 74.2 111.2

121 27.9 25.6 38.4





#39

Methylcyclohexane

Concen: 21.679 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

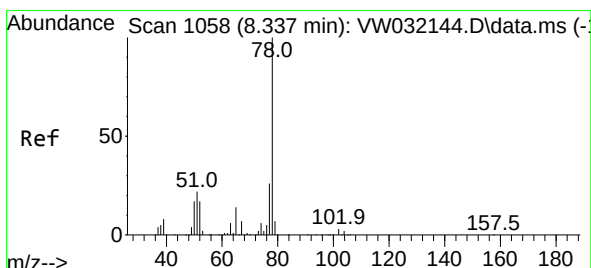
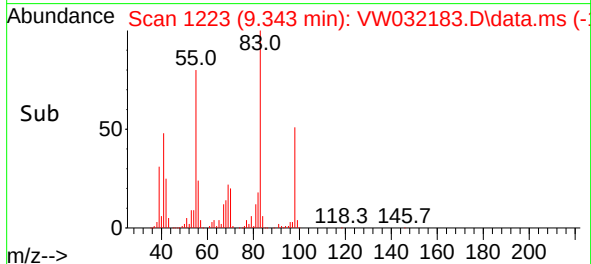
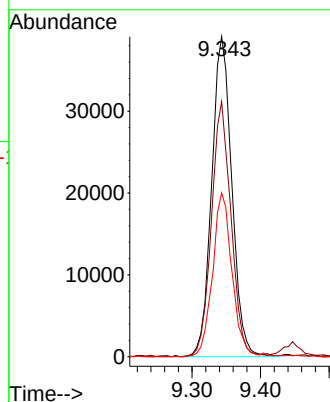
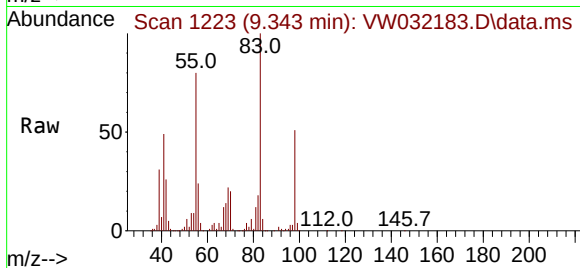
Tgt Ion: 83 Resp: 80081

Ion Ratio Lower Upper

83 100

55 79.8 58.4 87.6

98 51.3 39.4 59.2



#40

Benzene

Concen: 21.971 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW032183.D

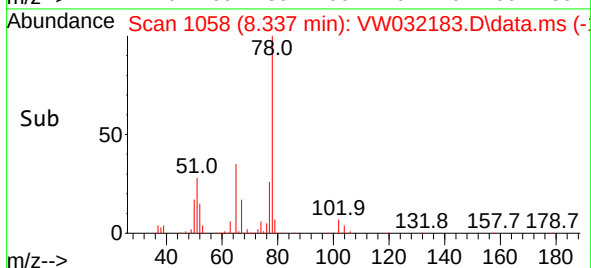
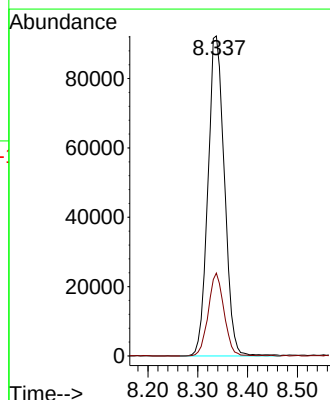
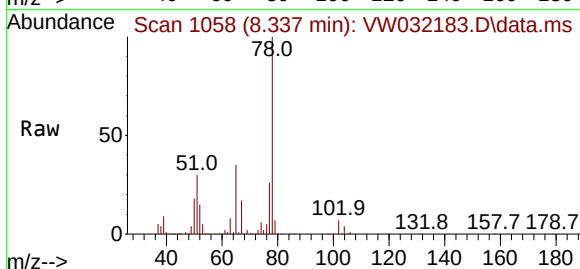
Acq: 17 Sep 2025 12:24

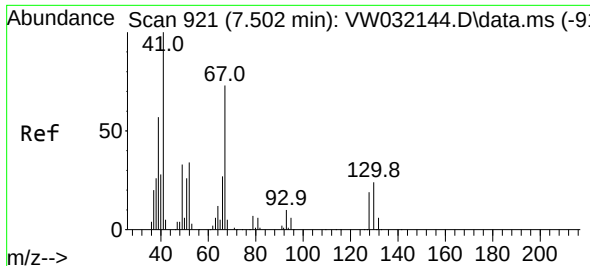
Tgt Ion: 78 Resp: 211803

Ion Ratio Lower Upper

78 100

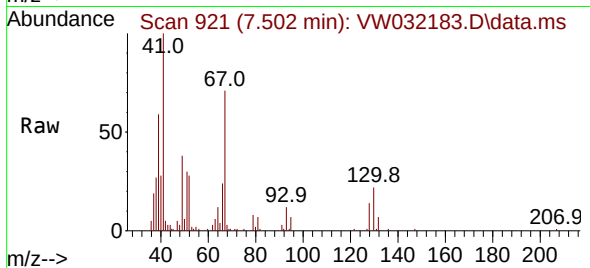
77 25.9 20.7 31.1



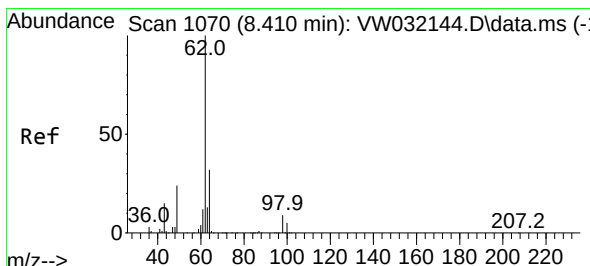
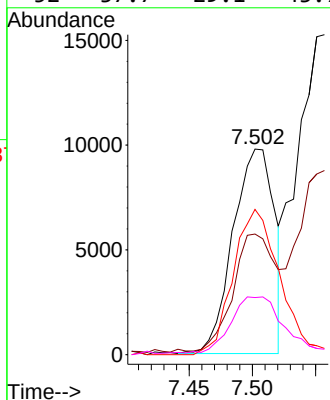
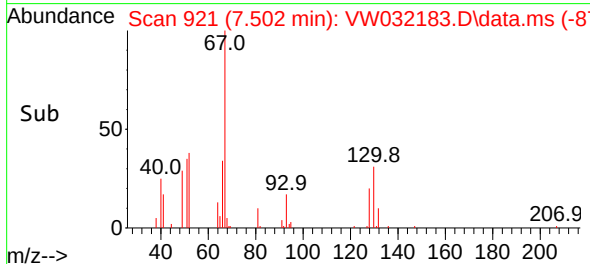


#41
Methacrylonitrile
Concen: 21.371 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

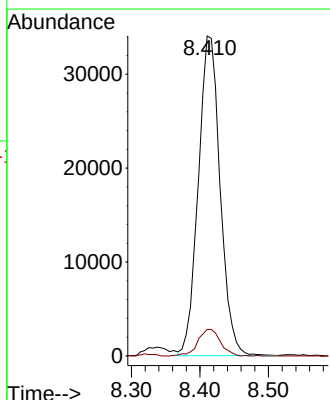
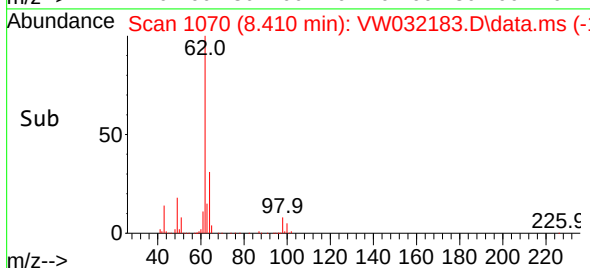
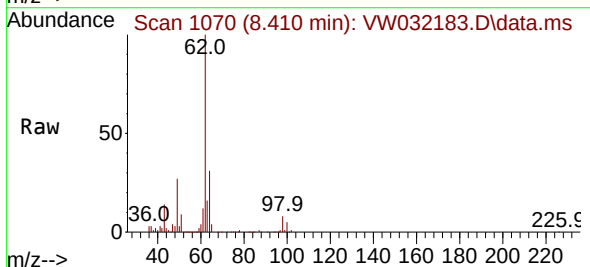


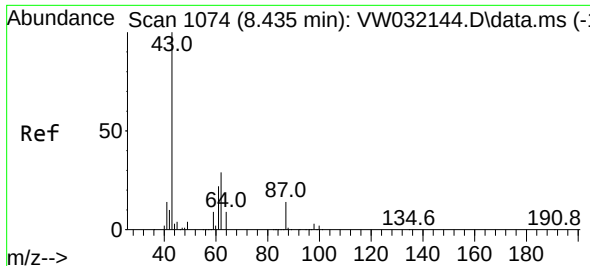
Tgt Ion:	41	Resp:	22214
Ion	Ratio	Lower	Upper
41	100		
39	57.1	50.9	76.3
67	80.8	65.6	98.4
52	37.7	29.1	43.7



#42
1,2-Dichloroethane
Concen: 22.630 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

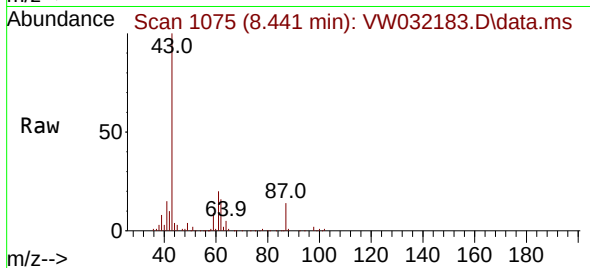
Tgt Ion:	62	Resp:	75629
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0



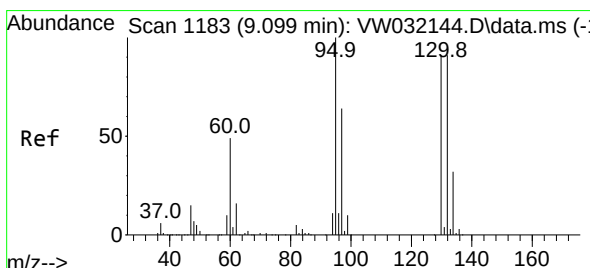
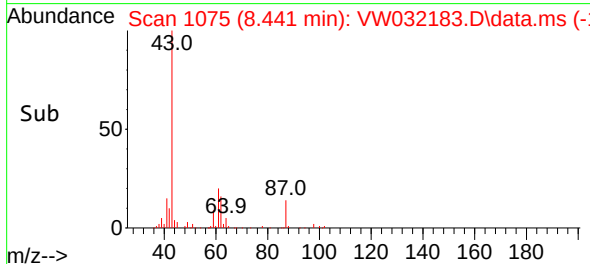
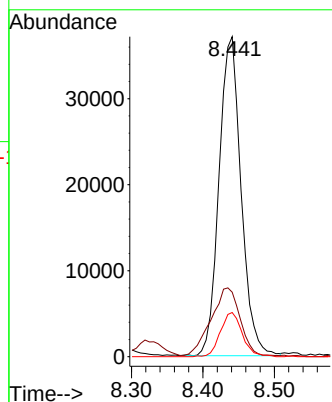


#43
Isopropyl Acetate
Concen: 22.710 ug/l
RT: 8.441 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

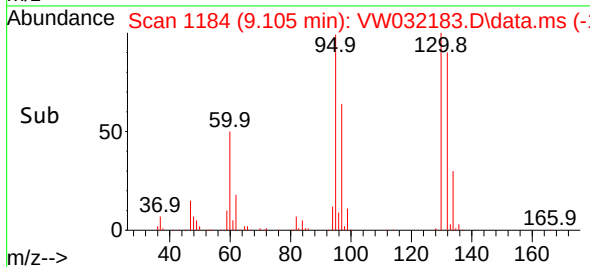
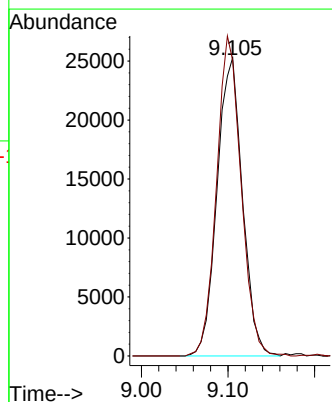
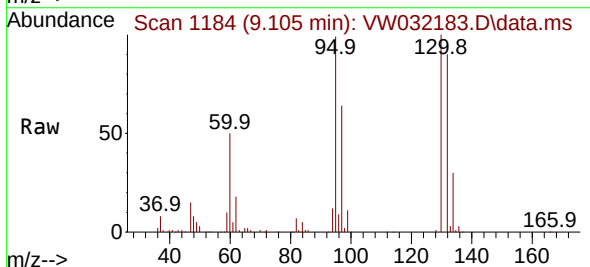


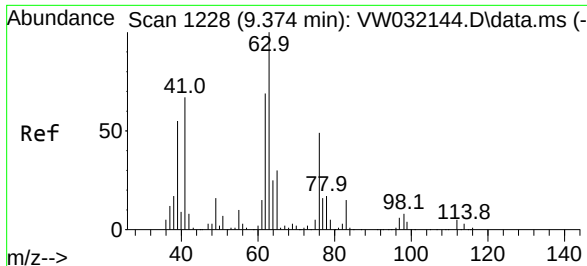
Tgt Ion: 43 Resp: 79706
Ion Ratio Lower Upper
43 100
61 28.4 23.3 34.9
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 21.228 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 130 Resp: 51464
Ion Ratio Lower Upper
130 100
95 99.0 0.0 220.0

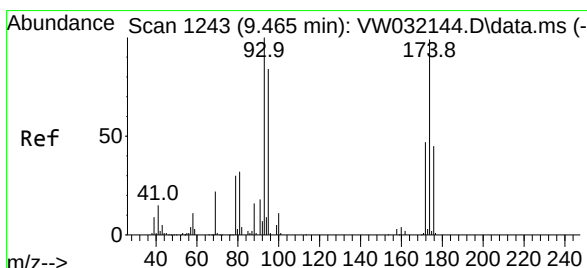
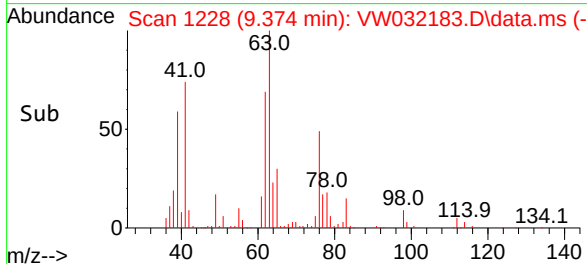
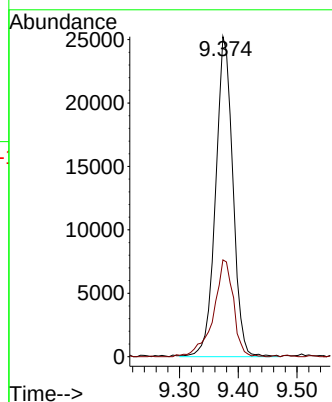
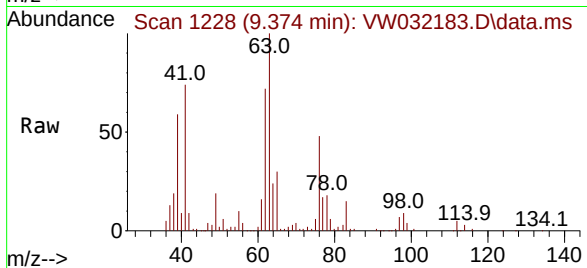




#45
1,2-Dichloropropane
Concen: 22.154 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

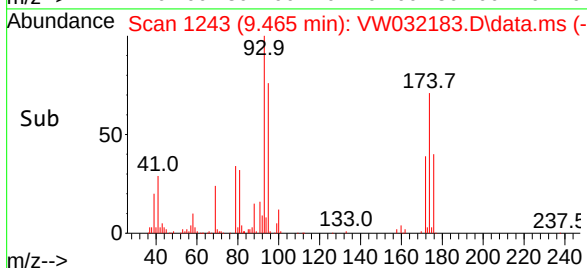
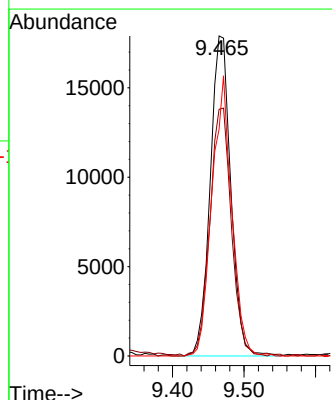
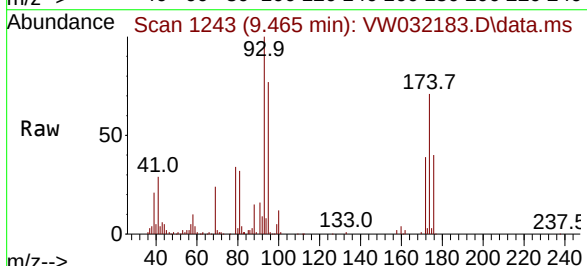
Instrument :
MSVOA_W
ClientSampleId :

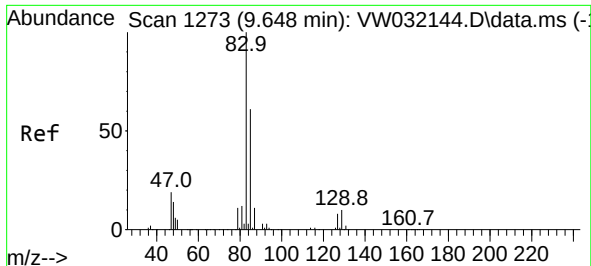
Tgt Ion: 63 Resp: 51484
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 22.031 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 93 Resp: 35910
Ion Ratio Lower Upper
93 100
95 80.5 67.4 101.2
174 84.0 75.7 113.5

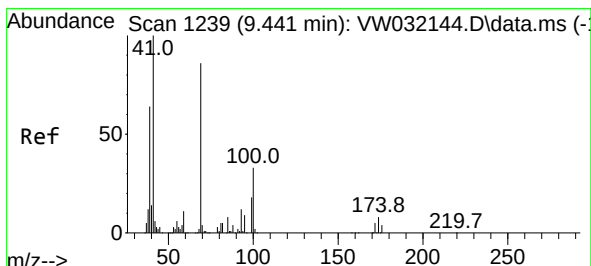
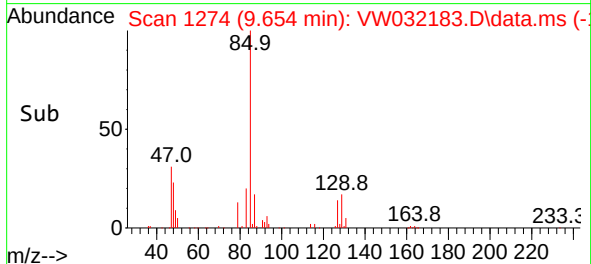
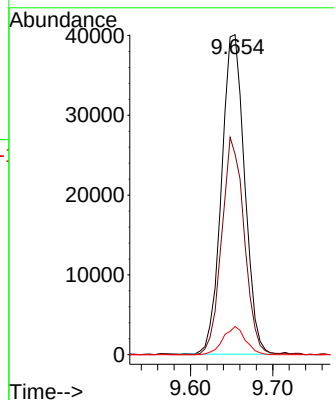
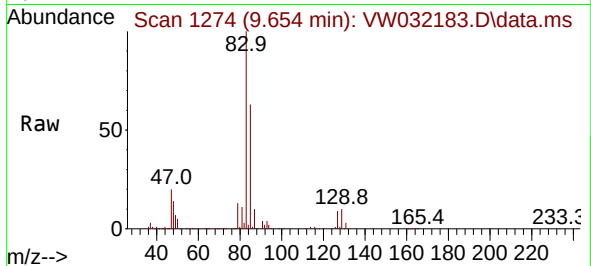




#47
Bromodichloromethane
Concen: 21.066 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

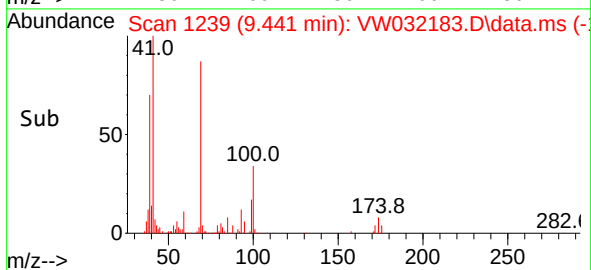
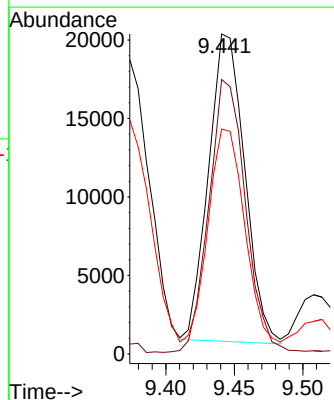
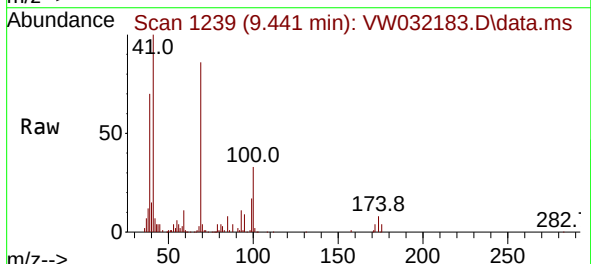
Instrument :
MSVOA_W
ClientSampleId :

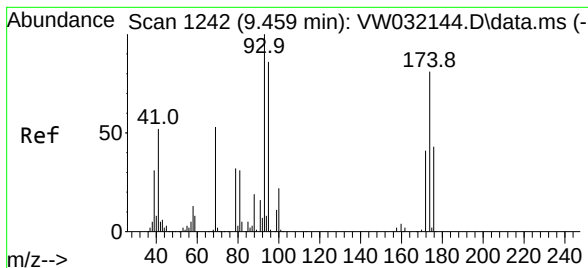
Tgt Ion: 83 Resp: 78031
Ion Ratio Lower Upper
83 100
85 62.8 48.7 73.1
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 22.250 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 41 Resp: 35988
Ion Ratio Lower Upper
41 100
69 91.0 71.5 107.3
39 70.1 55.9 83.9





#49

1,4-Dioxane

Concen: 464.662 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

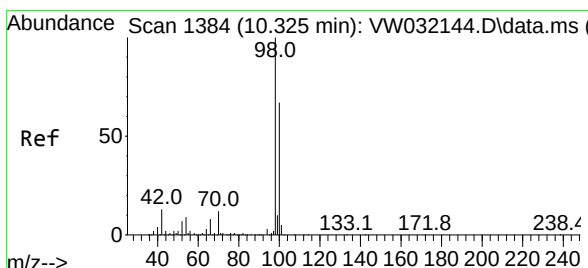
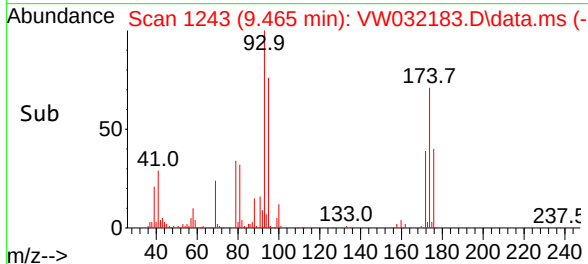
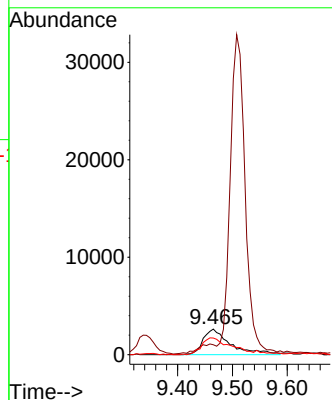
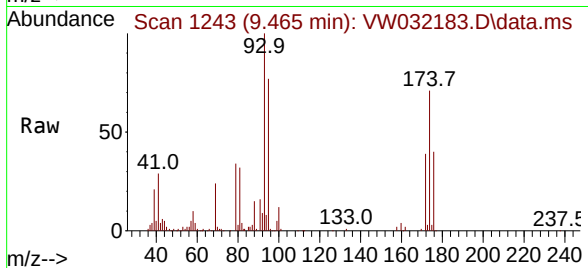
Tgt Ion: 88 Resp: 9151

Ion Ratio Lower Upper

88 100

43 27.1 18.0 27.0#

58 69.3 55.4 83.0



#50

Toluene-d8

Concen: 49.967 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032183.D

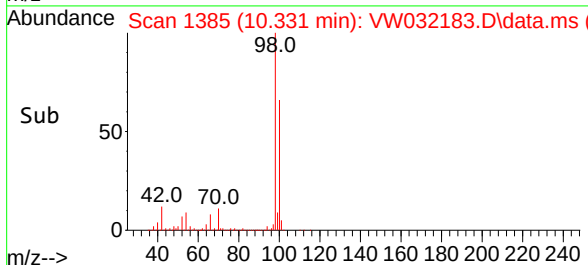
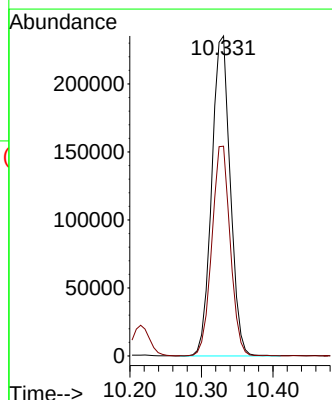
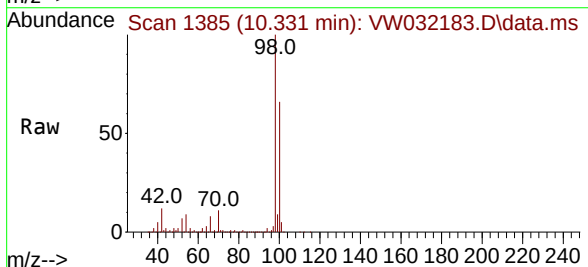
Acq: 17 Sep 2025 12:24

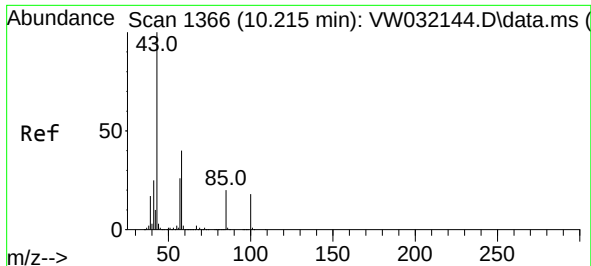
Tgt Ion: 98 Resp: 421914

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.2

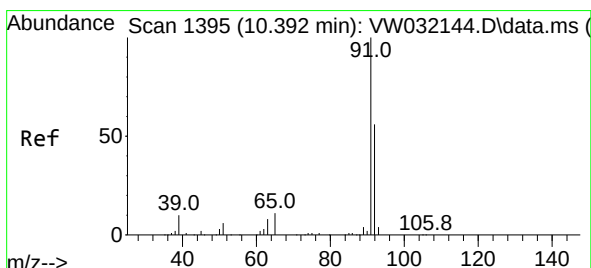
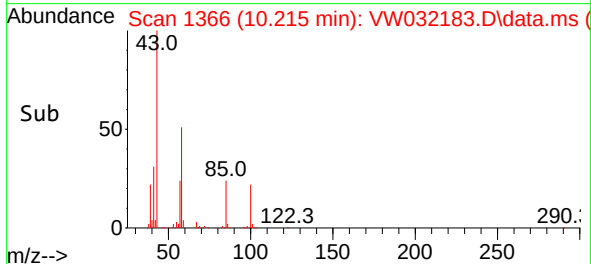
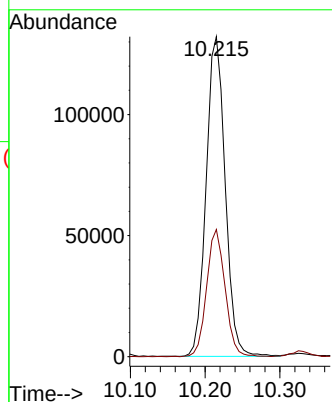
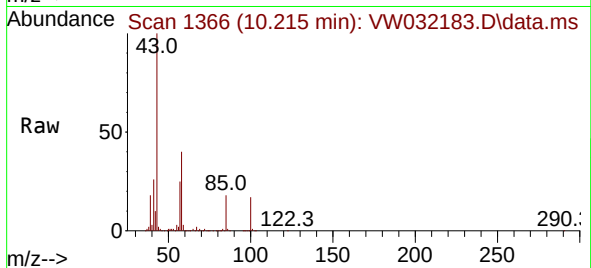




#51
4-Methyl-2-Pentanone
Concen: 117.824 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

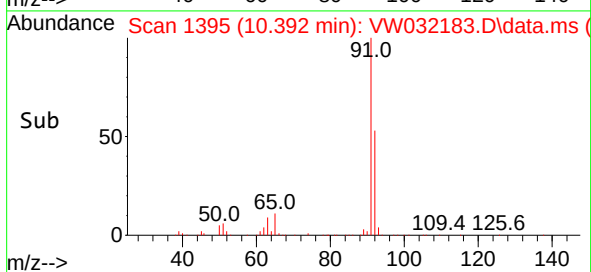
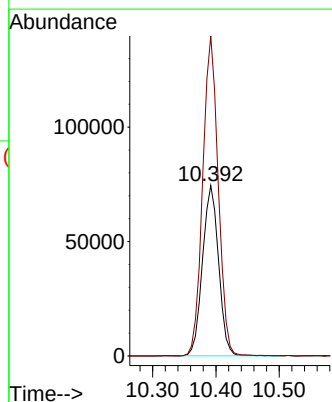
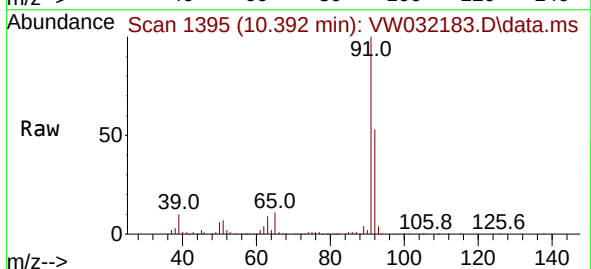
Instrument :
MSVOA_W
ClientSampleId :

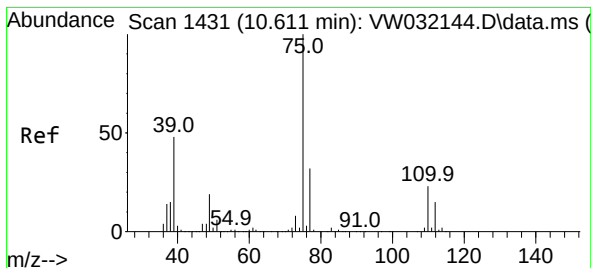
Tgt Ion: 43 Resp: 233505
Ion Ratio Lower Upper
43 100
58 38.6 32.0 48.0



#52
Toluene
Concen: 20.876 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 92 Resp: 131510
Ion Ratio Lower Upper
92 100
91 182.4 137.5 206.3

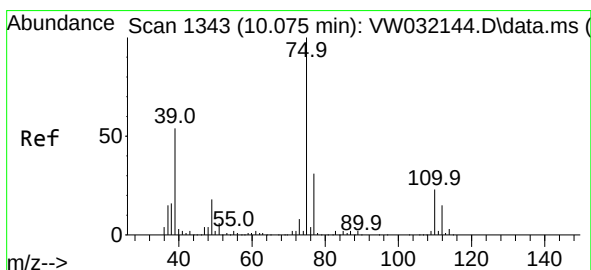
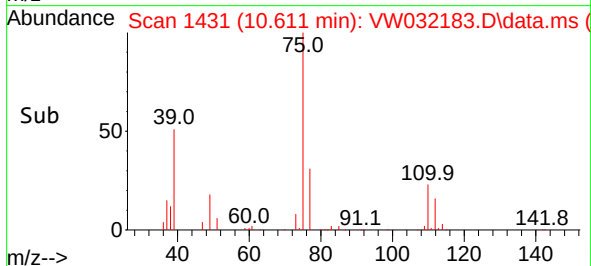
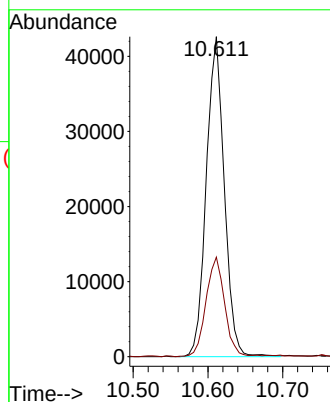
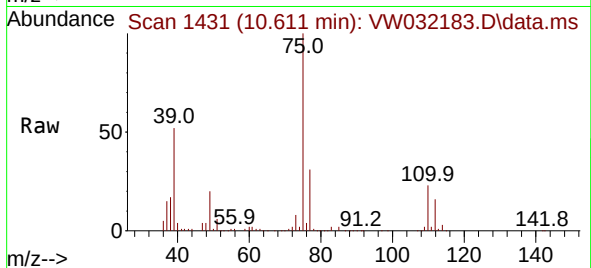




#53
 t-1,3-Dichloropropene
 Concen: 21.792 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

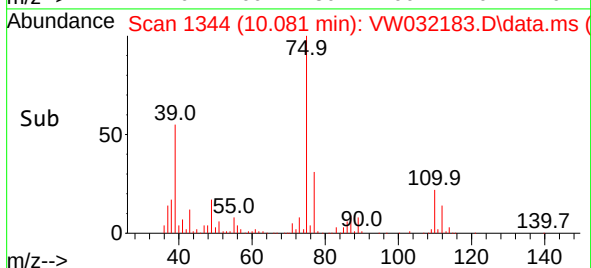
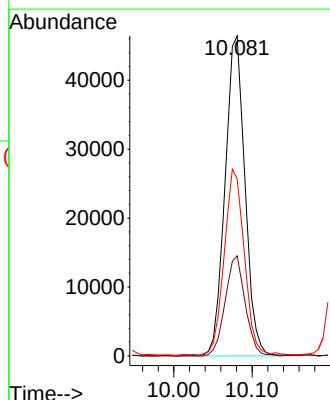
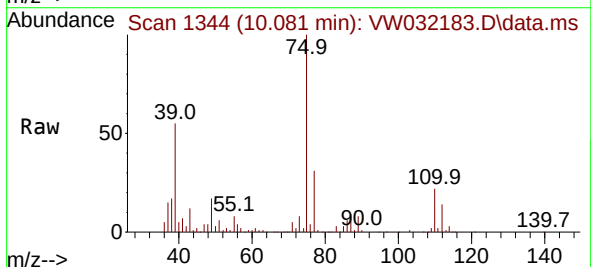
Instrument :
 MSVOA_W
 ClientSampleId :

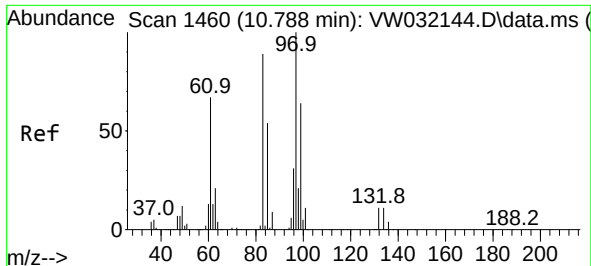
Tgt Ion: 75 Resp: 71207
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.000 ug/l
 RT: 10.081 min Scan# 1344
 Delta R.T. 0.006 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Tgt Ion: 75 Resp: 82027
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 55.0 43.2 64.8

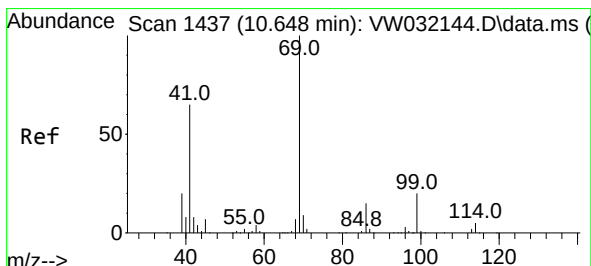
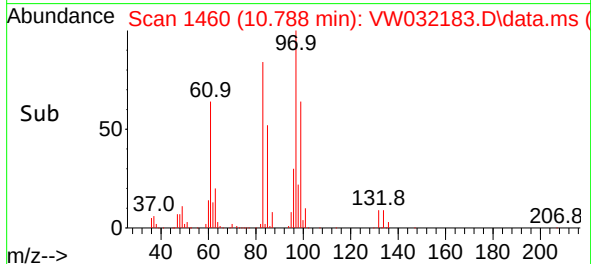
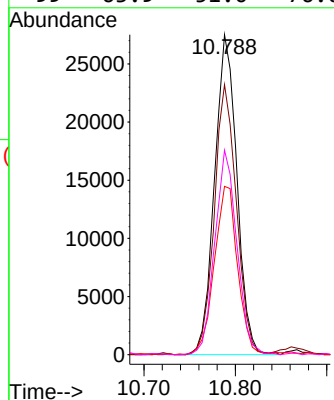
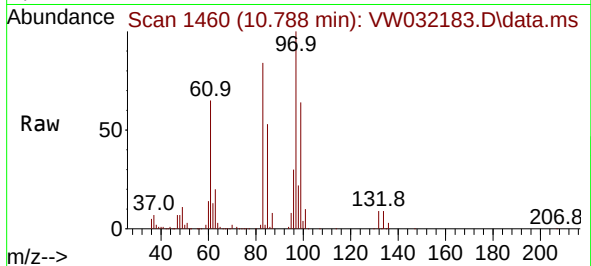




#55
1,1,2-Trichloroethane
Concen: 22.026 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

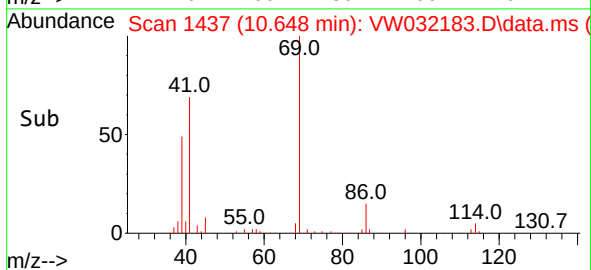
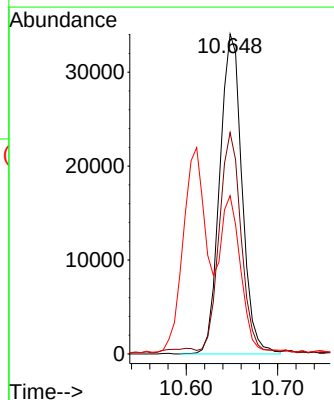
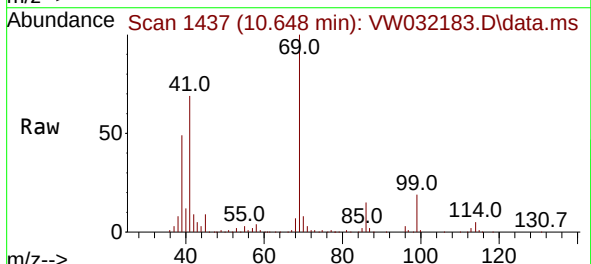
Instrument :
MSVOA_W
ClientSampleId :

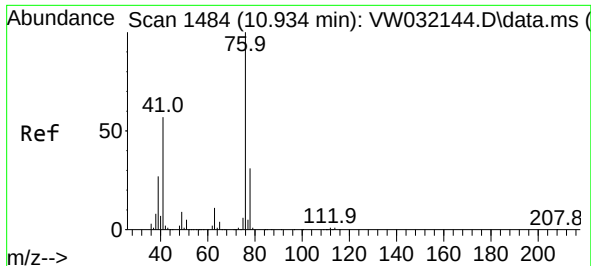
Tgt Ion:	97	Resp:	46686
Ion	Ratio	Lower	Upper
97	100		
83	84.4	71.0	106.6
85	52.3	42.8	64.2
99	63.9	51.0	76.6



#56
Ethyl methacrylate
Concen: 21.277 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion:	69	Resp:	57656
Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.2	79.8
39	44.8	32.9	49.3





#57

1,3-Dichloropropane

Concen: 21.787 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

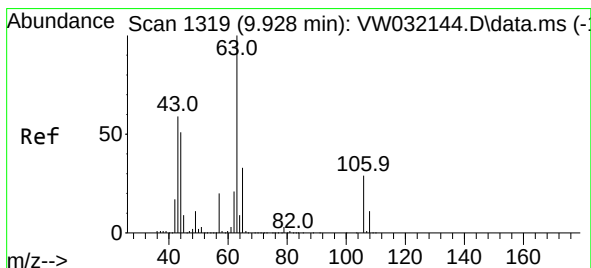
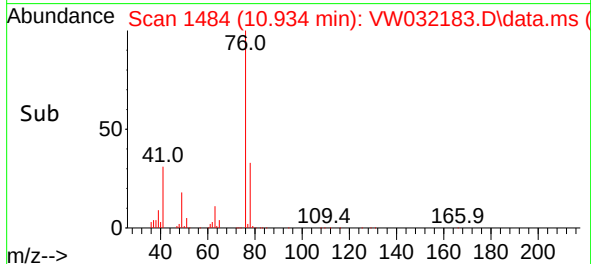
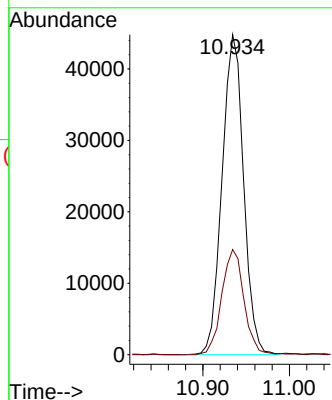
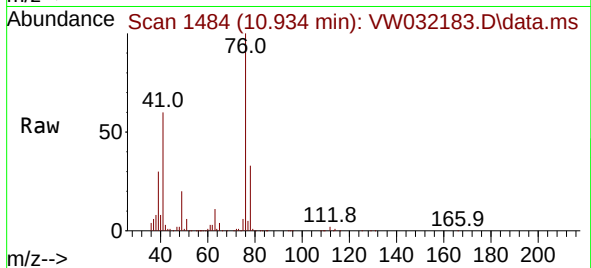
ClientSampleId :

Tgt Ion: 76 Resp: 77324

Ion Ratio Lower Upper

76 100

78 33.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.681 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032183.D

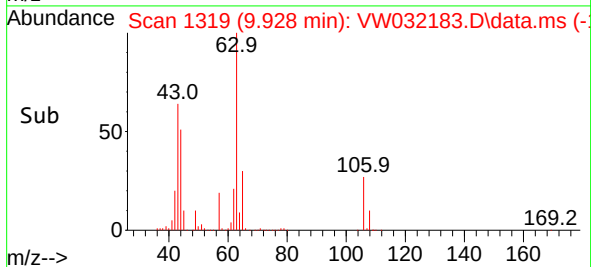
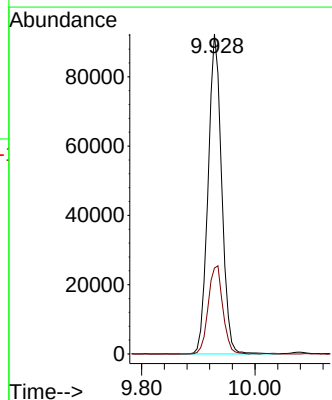
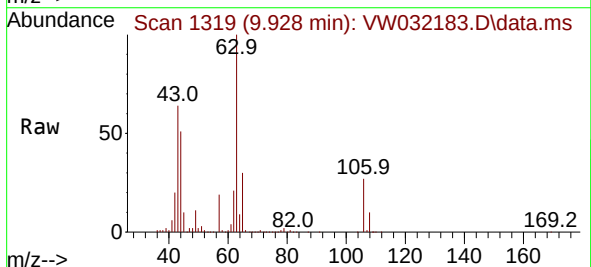
Acq: 17 Sep 2025 12:24

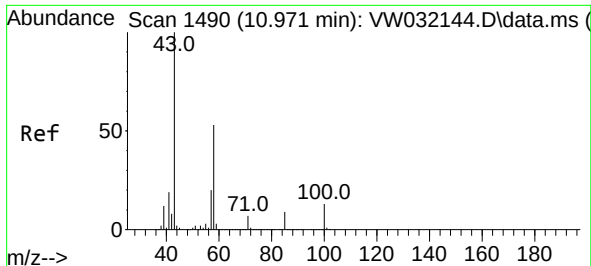
Tgt Ion: 63 Resp: 152853

Ion Ratio Lower Upper

63 100

106 29.5 24.3 36.5

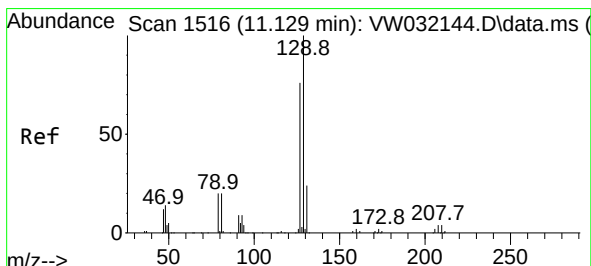
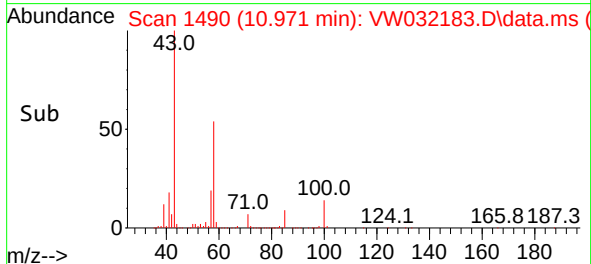
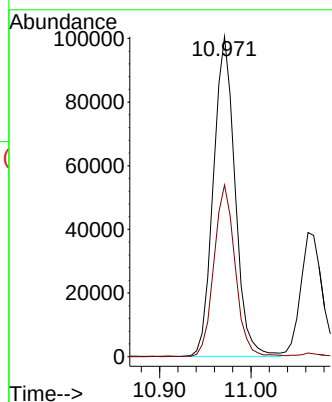
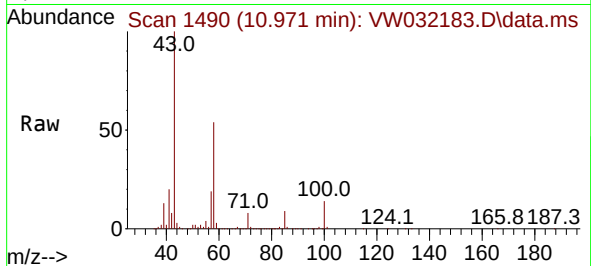




#59
2-Hexanone
Concen: 119.896 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

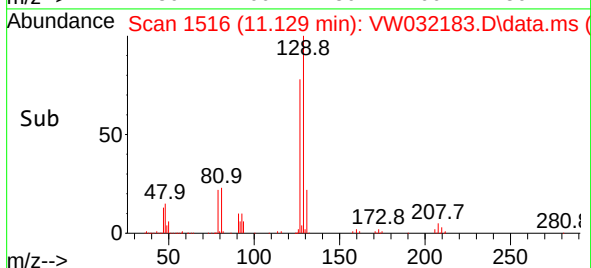
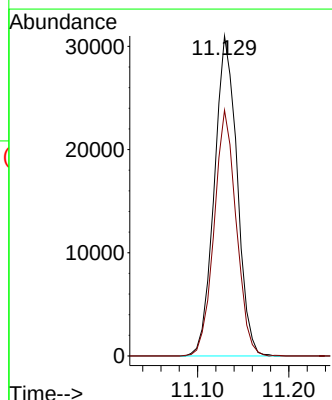
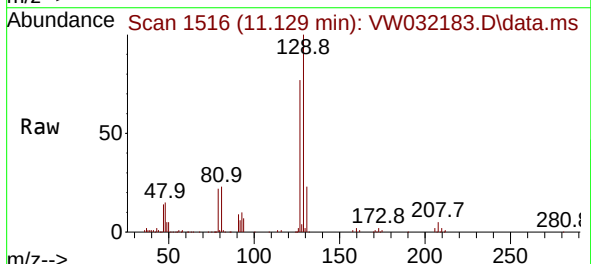
Instrument :
MSVOA_W
ClientSampleId :

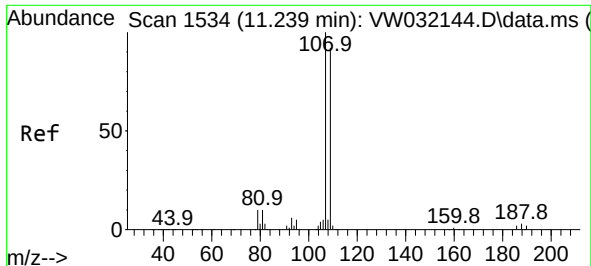
Tgt Ion: 43 Resp: 165252
Ion Ratio Lower Upper
43 100
58 52.8 27.5 82.4



#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 129 Resp: 53642
Ion Ratio Lower Upper
129 100
127 74.7 38.1 114.5

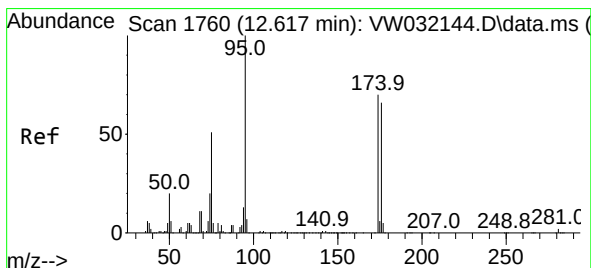
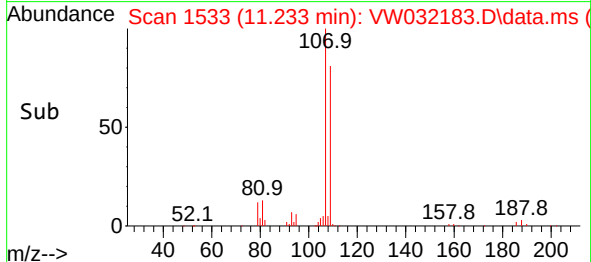
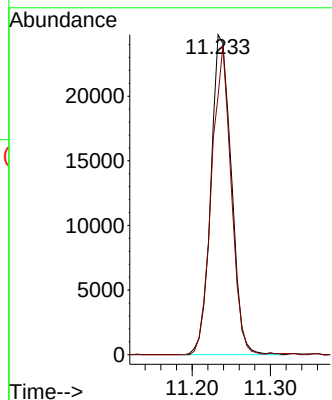
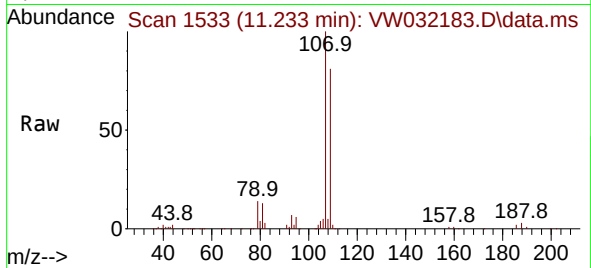




#61
1,2-Dibromoethane
Concen: 21.460 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

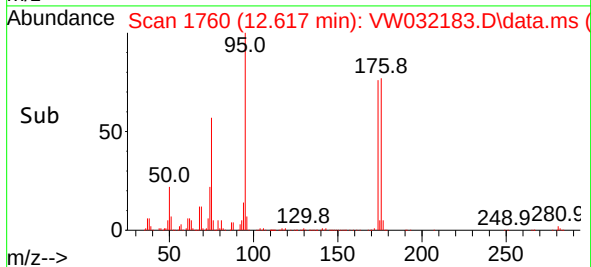
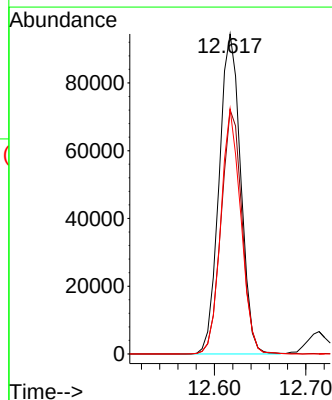
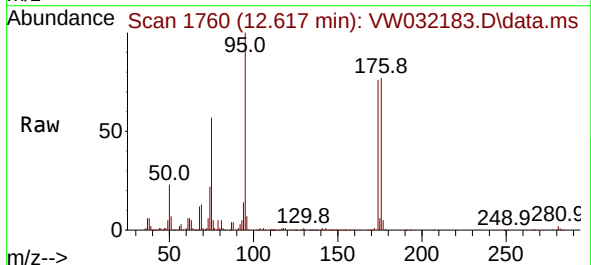
Instrument :
MSVOA_W
ClientSampleId :

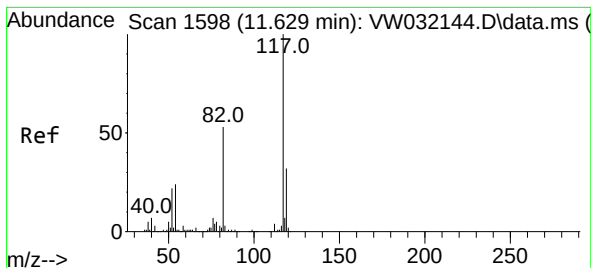
Tgt Ion:107 Resp: 44731
Ion Ratio Lower Upper
107 100
109 92.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.580 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 95 Resp: 154808
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.6
176 71.4 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

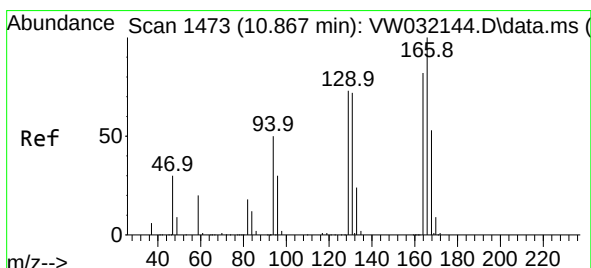
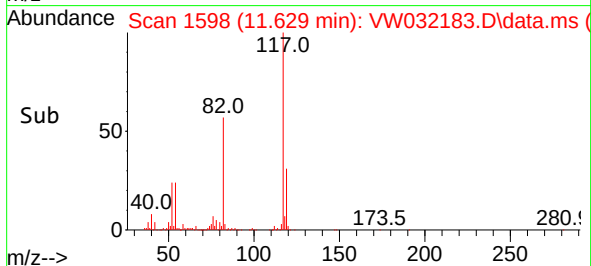
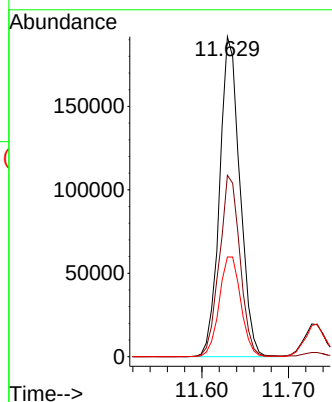
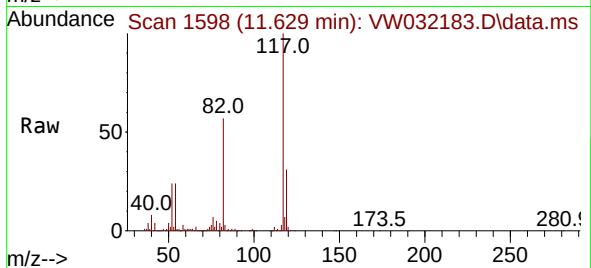
Tgt Ion:117 Resp: 312097

Ion Ratio Lower Upper

117 100

82 56.7 42.7 64.1

119 31.2 25.2 37.8



#64

Tetrachloroethene

Concen: 20.286 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Tgt Ion:164 Resp: 41669

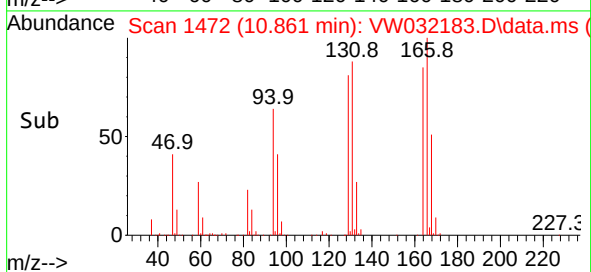
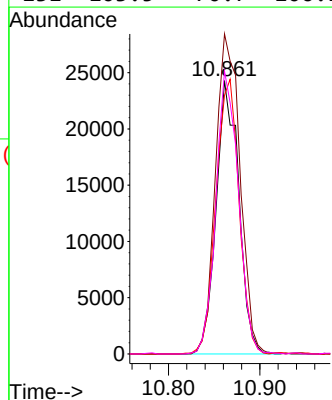
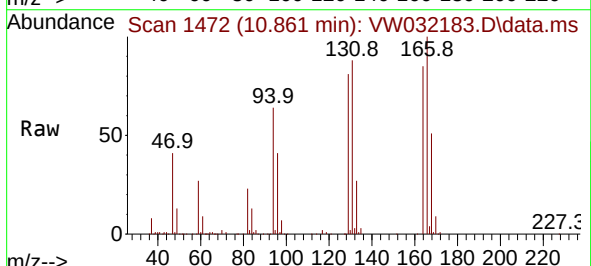
Ion Ratio Lower Upper

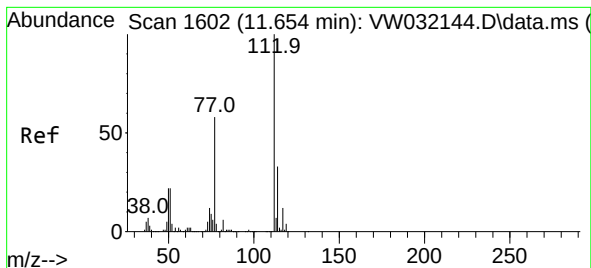
164 100

166 117.1 97.5 146.3

129 94.7 71.2 106.8

131 103.5 70.7 106.1





#65

Chlorobenzene

Concen: 21.683 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

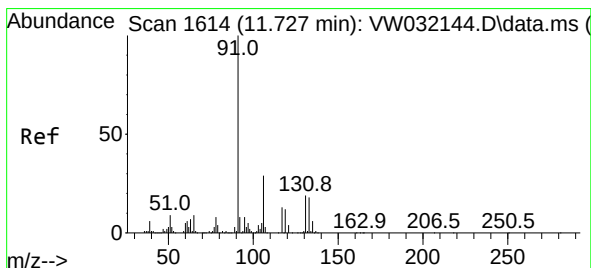
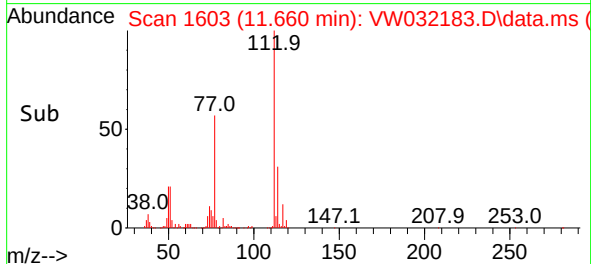
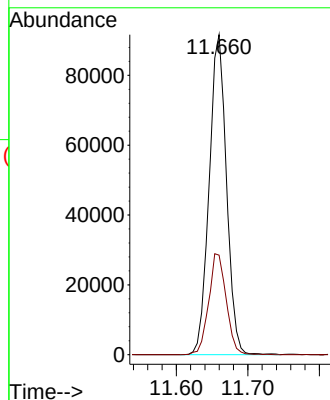
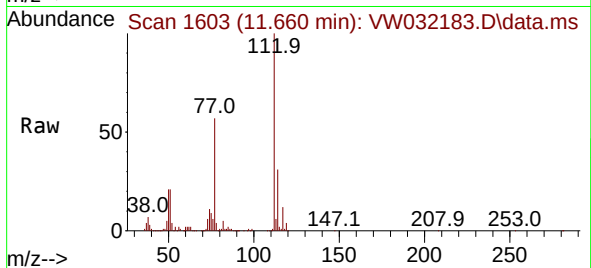
ClientSampleId :

Tgt Ion:112 Resp: 154030

Ion Ratio Lower Upper

112 100

114 31.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.689 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

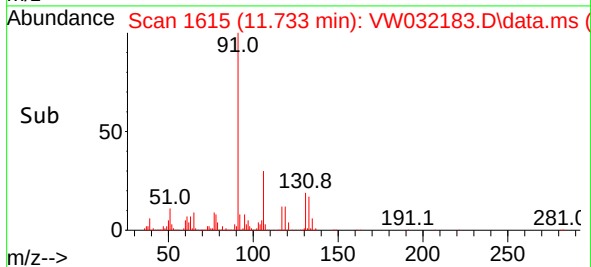
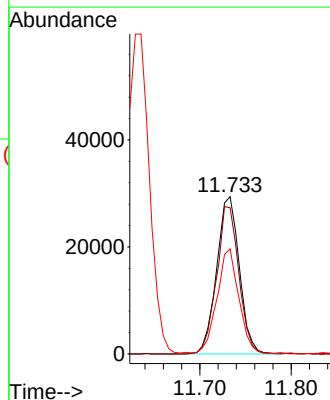
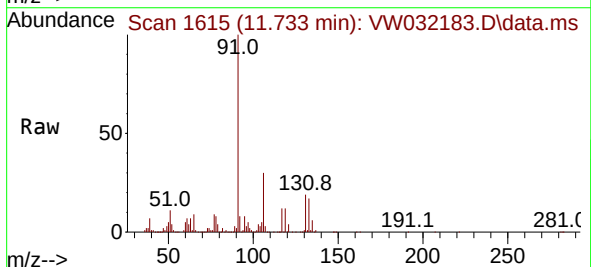
Tgt Ion:131 Resp: 50726

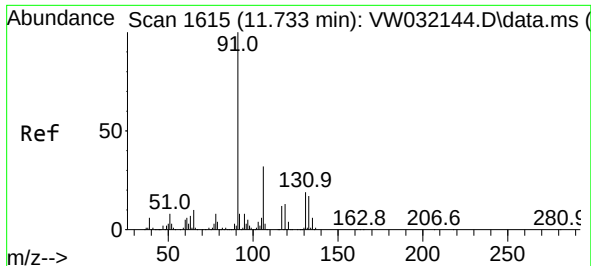
Ion Ratio Lower Upper

131 100

133 92.1 47.7 143.1

119 64.1 32.8 98.3





#67

Ethyl Benzene

Concen: 21.372 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

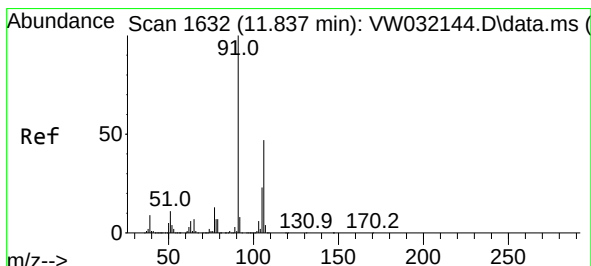
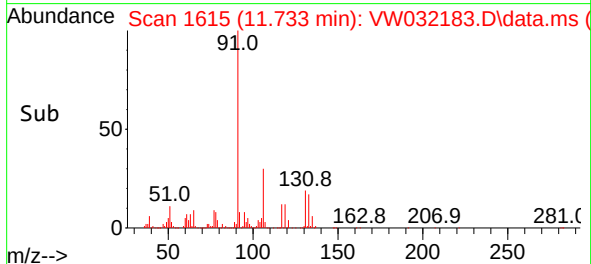
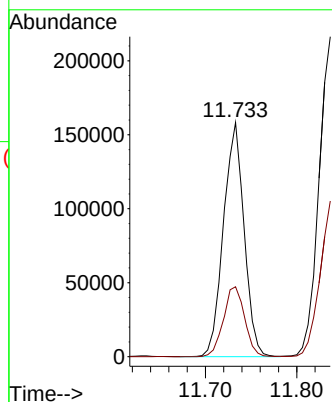
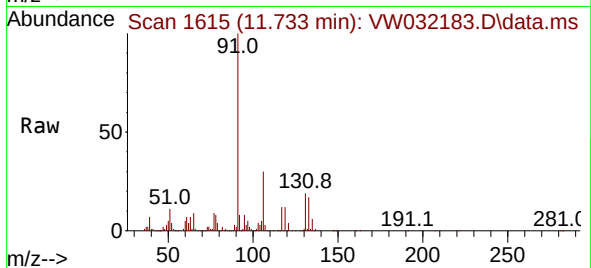
ClientSampleId :

Tgt Ion: 91 Resp: 248747

Ion Ratio Lower Upper

91 100

106 29.8 25.3 37.9



#68

m/p-Xylenes

Concen: 43.427 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032183.D

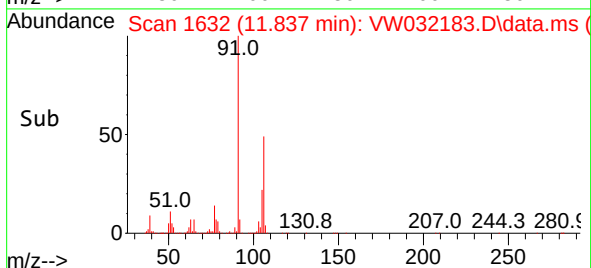
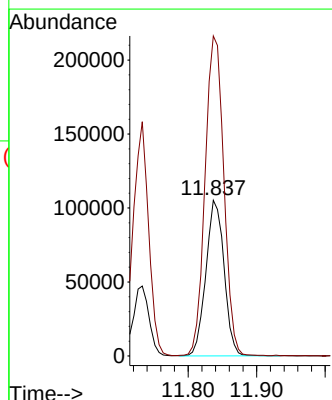
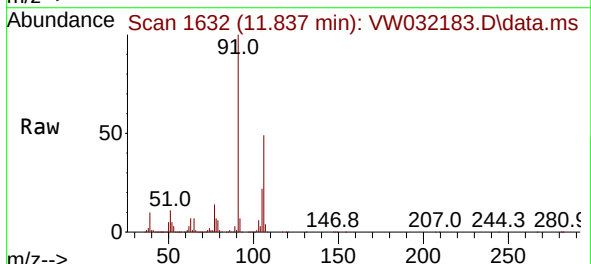
Acq: 17 Sep 2025 12:24

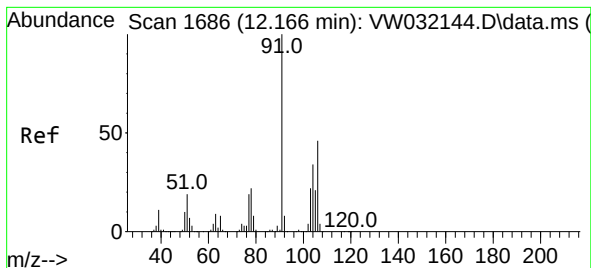
Tgt Ion:106 Resp: 194531

Ion Ratio Lower Upper

106 100

91 211.9 164.2 246.2





#69

o-Xylene

Concen: 21.394 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

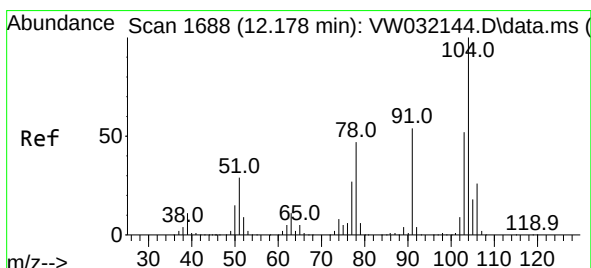
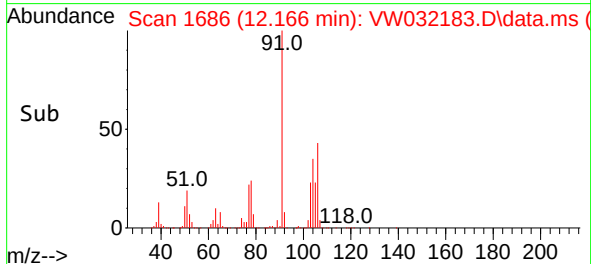
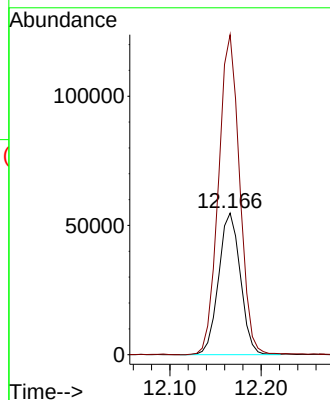
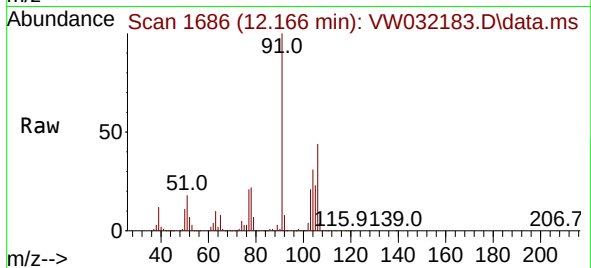
ClientSampleId :

Tgt Ion:106 Resp: 90648

Ion Ratio Lower Upper

106 100

91 220.9 108.7 326.3



#70

Styrene

Concen: 20.955 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

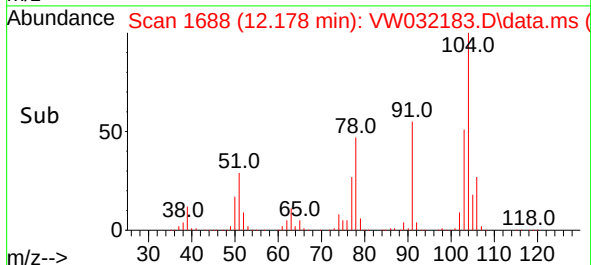
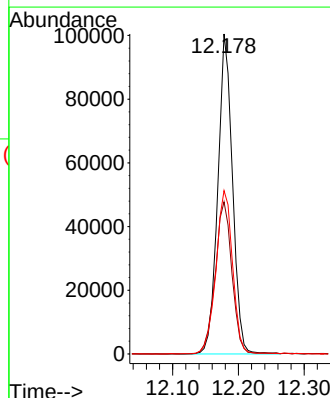
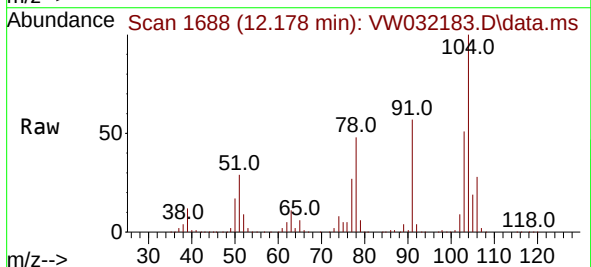
Tgt Ion:104 Resp: 156512

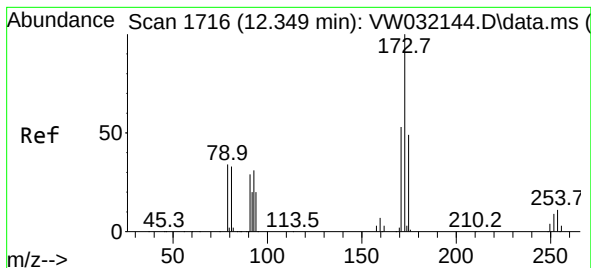
Ion Ratio Lower Upper

104 100

78 54.2 41.6 62.4

103 57.8 44.8 67.2





#71

Bromoform

Concen: 21.867 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

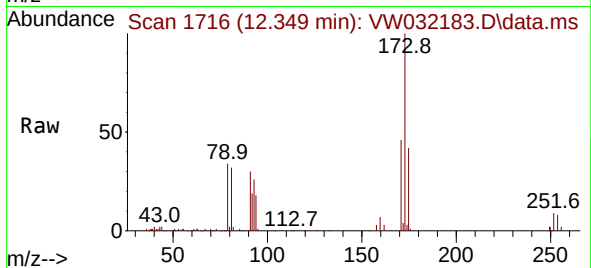
Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

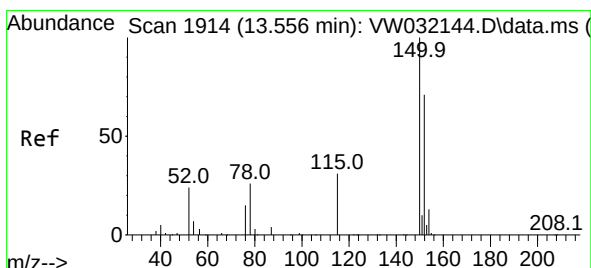
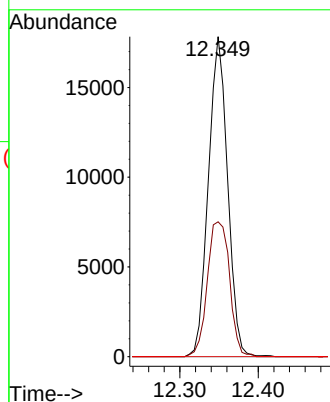
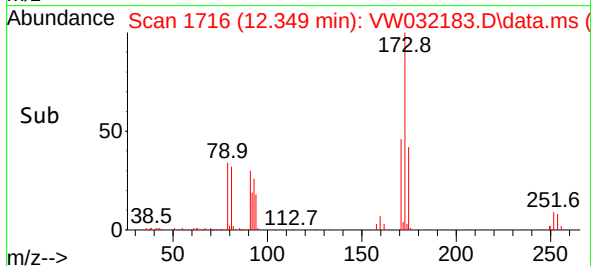
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	30375
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.9	74.7
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

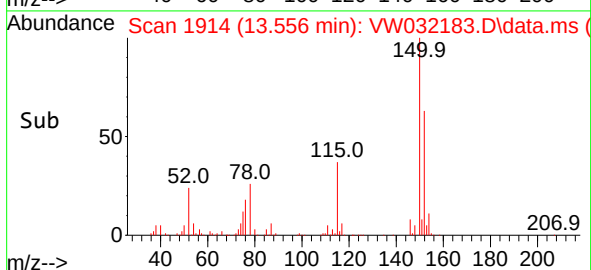
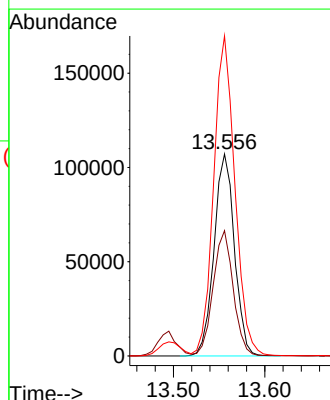
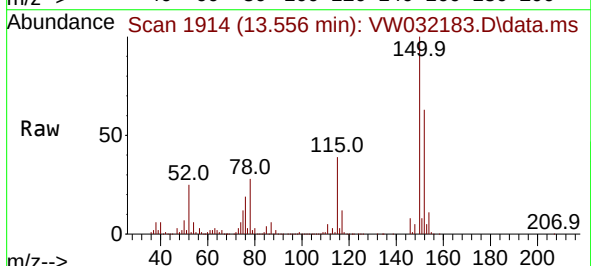
RT: 13.556 min Scan# 1914

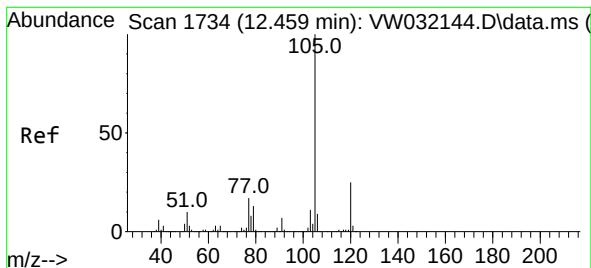
Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Tgt Ion:	152	Resp:	166069
Ion Ratio	Lower	Upper	
152	100		
115	60.9	31.8	95.4
150	164.7	0.0	343.0





#73

Isopropylbenzene

Concen: 21.133 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

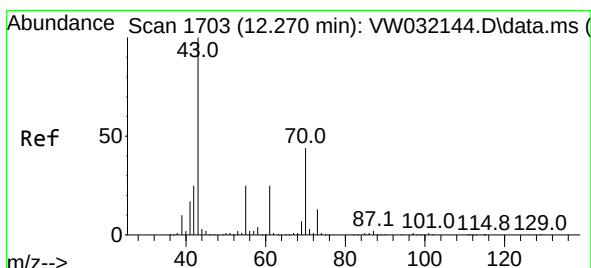
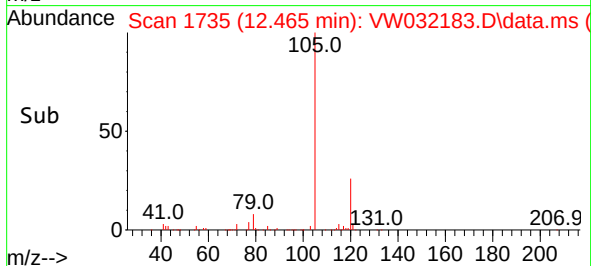
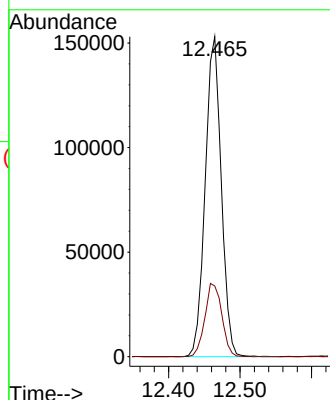
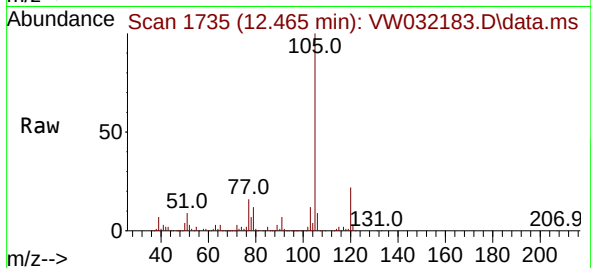
ClientSampleId :

Tgt Ion:105 Resp: 238429

Ion Ratio Lower Upper

105 100

120 24.2 13.0 38.9



#74

N-ethyl acetate

Concen: 21.911 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Tgt Ion: 43 Resp: 71769

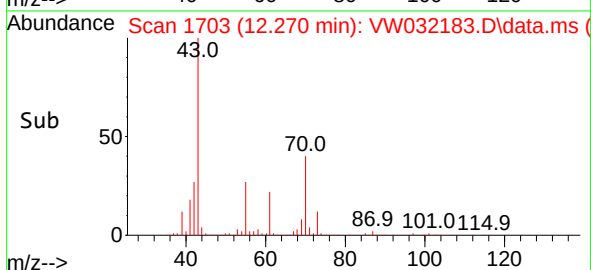
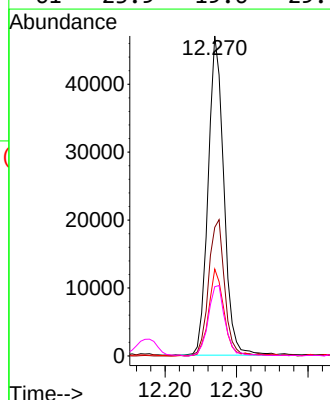
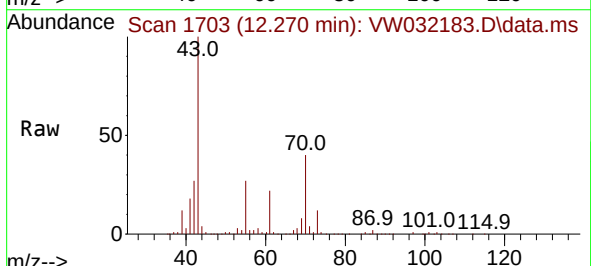
Ion Ratio Lower Upper

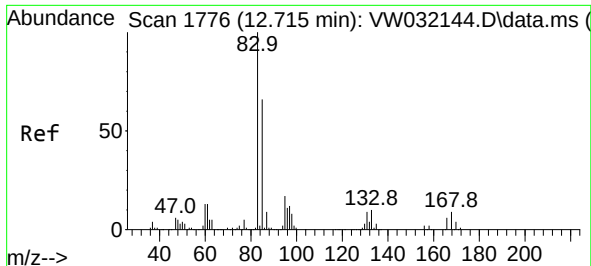
43 100

70 43.9 35.3 52.9

55 26.5 19.9 29.9

61 23.9 19.6 29.4

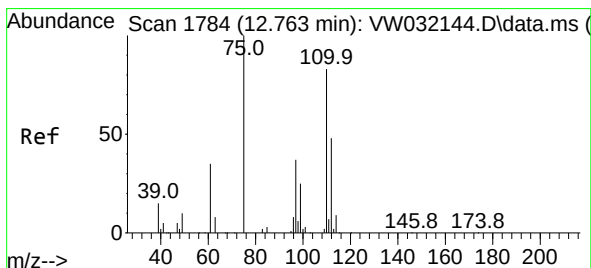
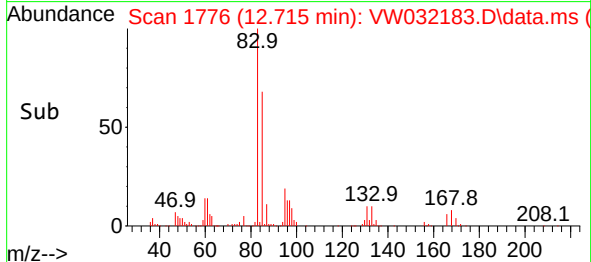
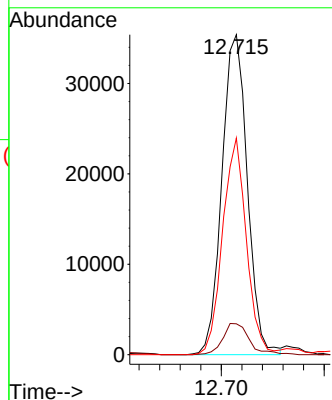
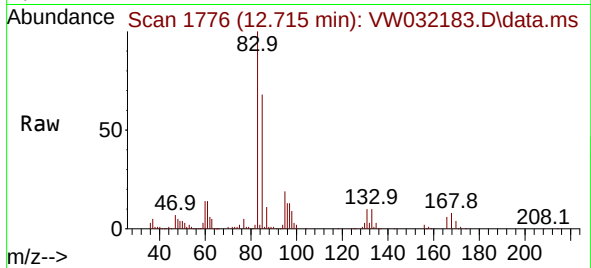




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.654 ug/l
 RT: 12.715 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

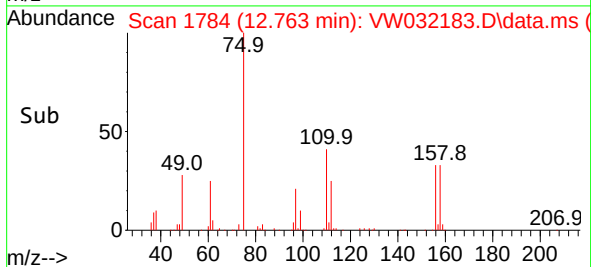
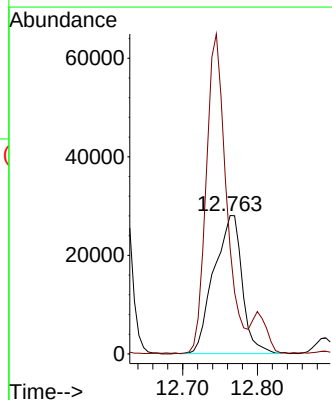
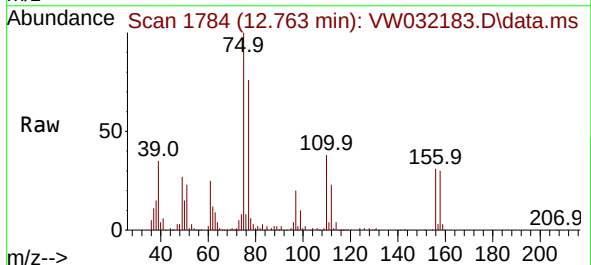
Instrument :
 MSVOA_W
 ClientSampleId :

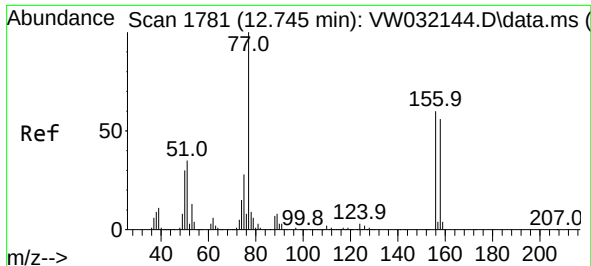
Tgt Ion: 83 Resp: 60740
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.4
 85 63.3 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 35.364 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. 0.000 min
 Lab File: VW032183.D
 Acq: 17 Sep 2025 12:24

Tgt Ion: 75 Resp: 73576
 Ion Ratio Lower Upper
 75 100
 77 166.9 141.7 425.1

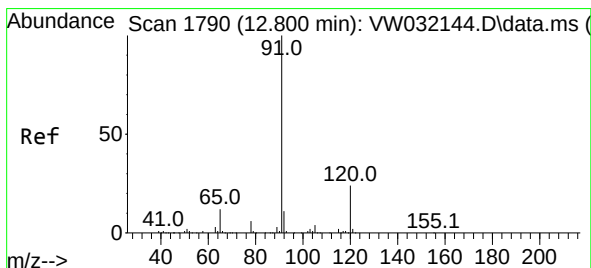
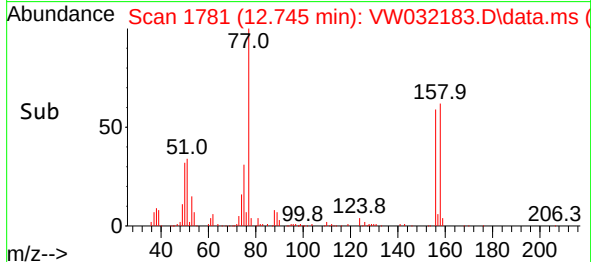
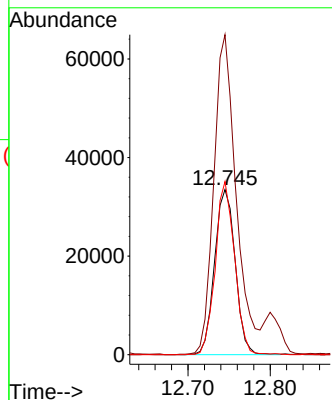
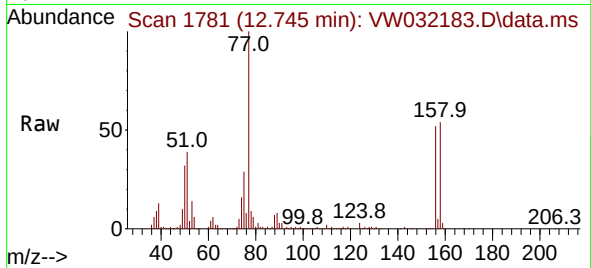




#77
Bromobenzene
Concen: 20.260 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

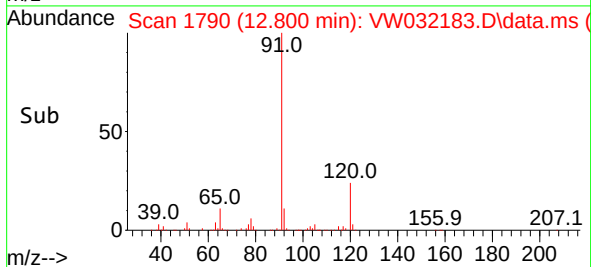
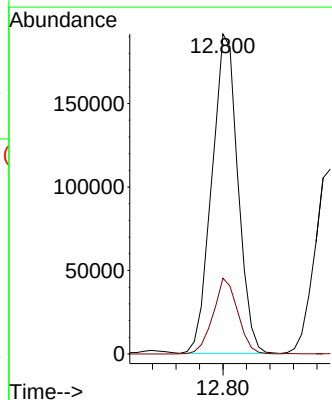
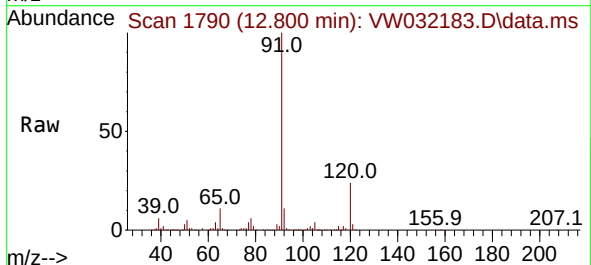
Instrument :
MSVOA_W
ClientSampleId :

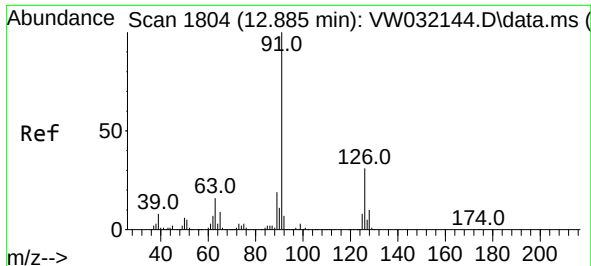
Tgt Ion:156 Resp: 58288
Ion Ratio Lower Upper
156 100
77 210.7 98.6 295.7
158 98.5 48.4 145.0



#78
n-propylbenzene
Concen: 21.541 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 91 Resp: 295053
Ion Ratio Lower Upper
91 100
120 22.5 11.8 35.4

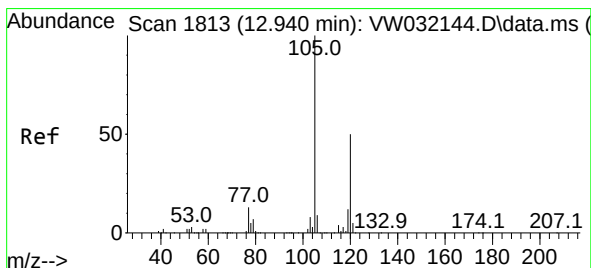
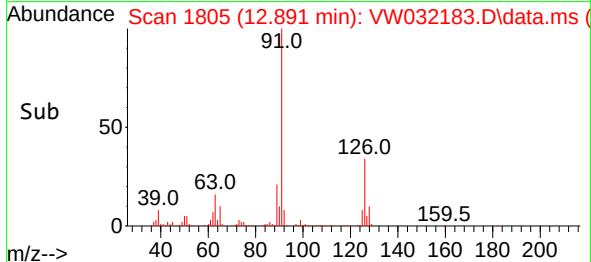
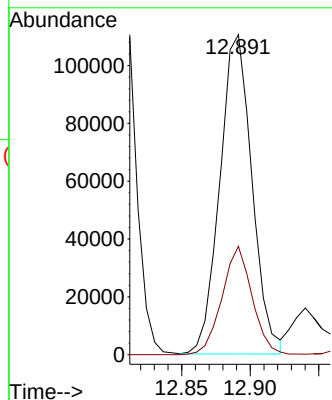
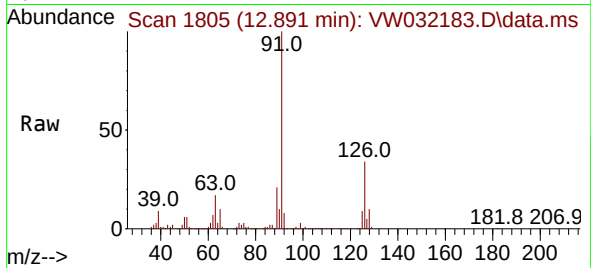




#79
2-Chlorotoluene
Concen: 21.557 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

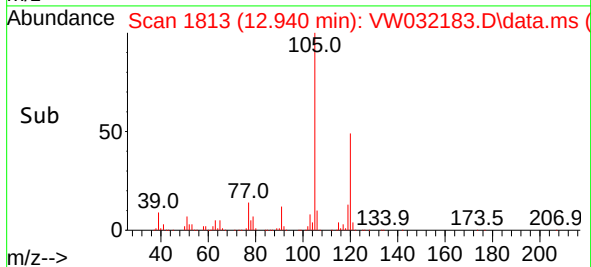
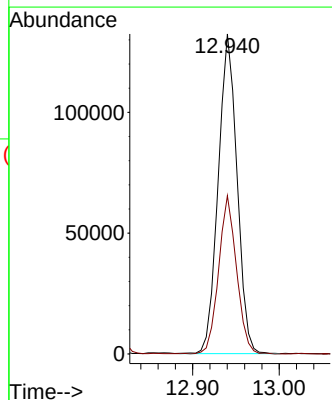
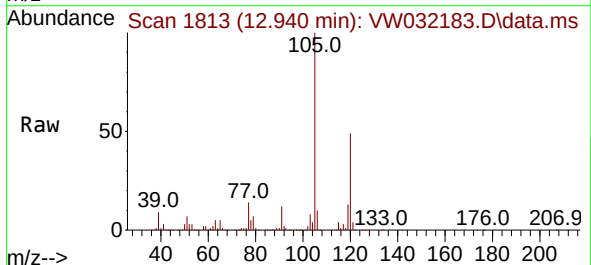
Instrument :
MSVOA_W
ClientSampleId :

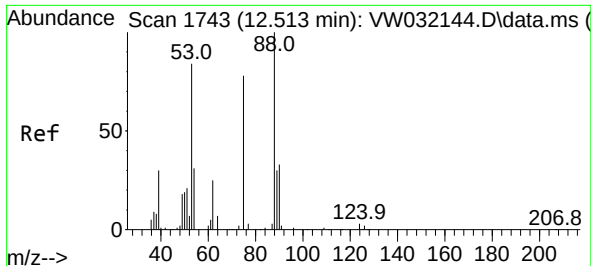
Tgt Ion: 91 Resp: 180563
Ion Ratio Lower Upper
91 100
126 31.8 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 20.900 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

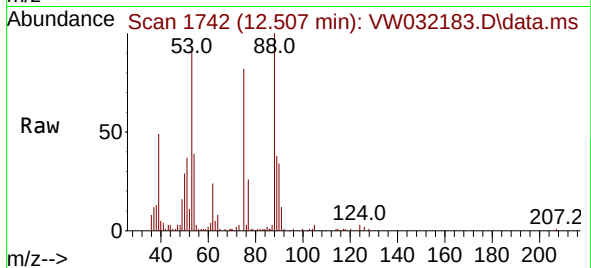
Tgt Ion:105 Resp: 199642
Ion Ratio Lower Upper
105 100
120 47.2 24.8 74.4



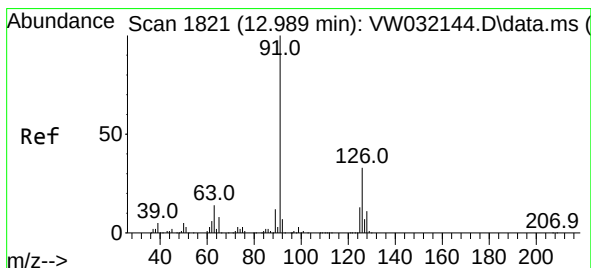
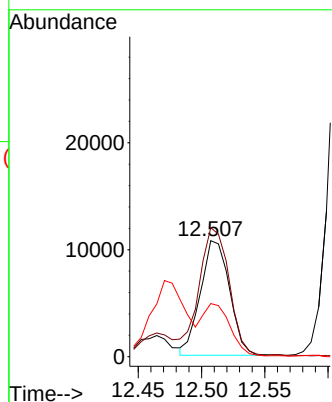
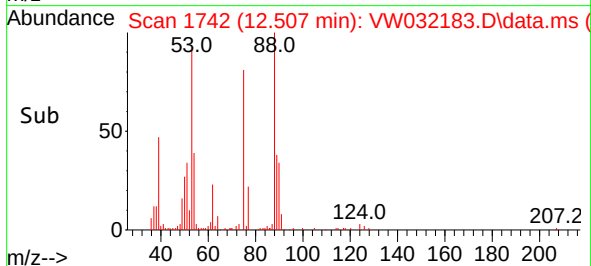


#81
trans-1,4-Dichloro-2-butene
Concen: 22.222 ug/l
RT: 12.507 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Instrument :
MSVOA_W
ClientSampleId :

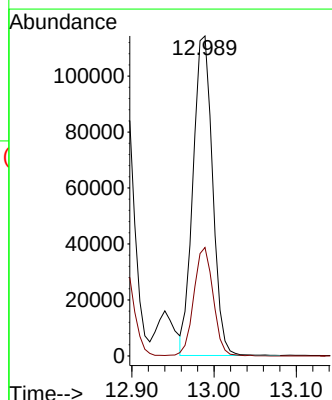
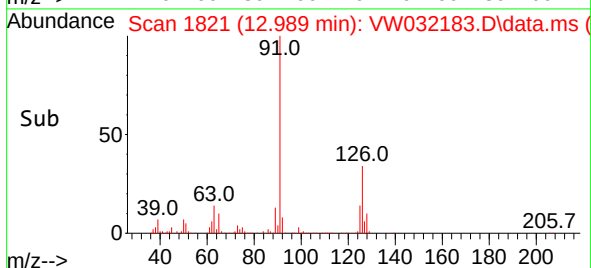
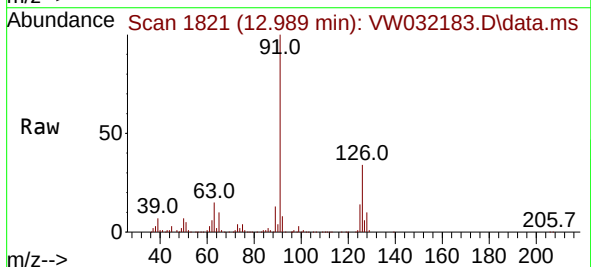


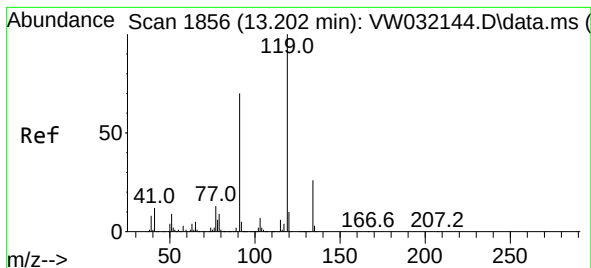
Tgt Ion: 75 Resp: 17171
Ion Ratio Lower Upper
75 100
53 119.9 91.0 136.6
89 43.0 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.997 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

Tgt Ion: 91 Resp: 188258
Ion Ratio Lower Upper
91 100
126 33.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.986 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

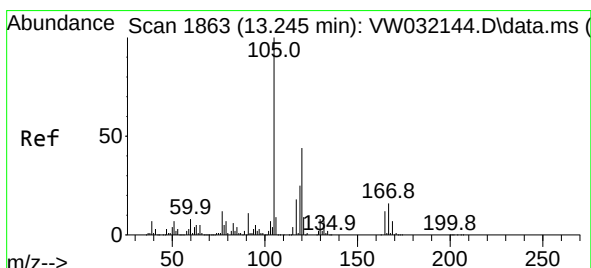
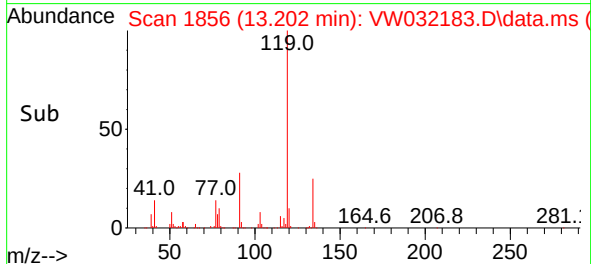
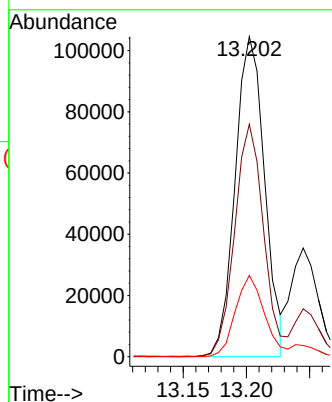
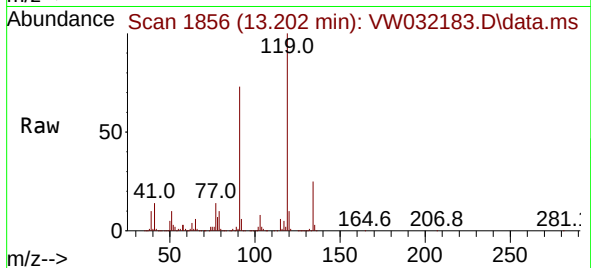
Tgt Ion:119 Resp: 169969

Ion Ratio Lower Upper

119 100

91 71.5 33.8 101.3

134 25.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 21.303 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW032183.D

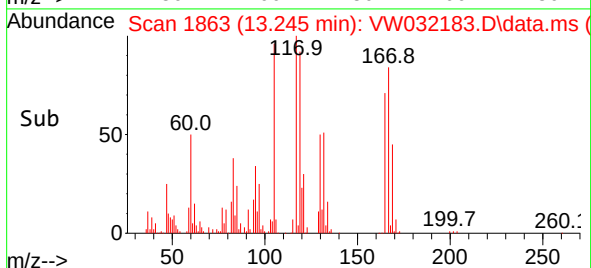
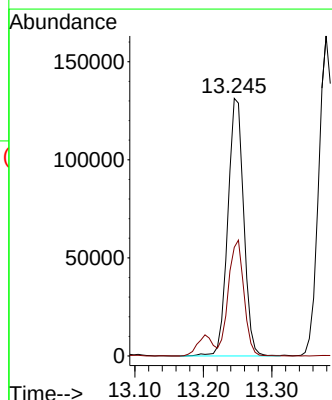
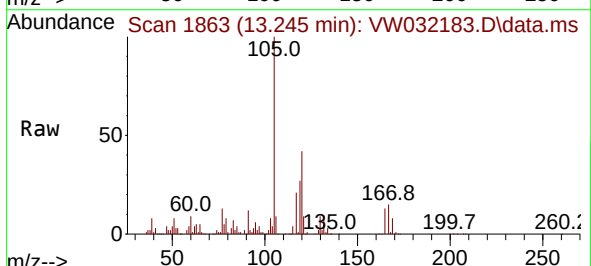
Acq: 17 Sep 2025 12:24

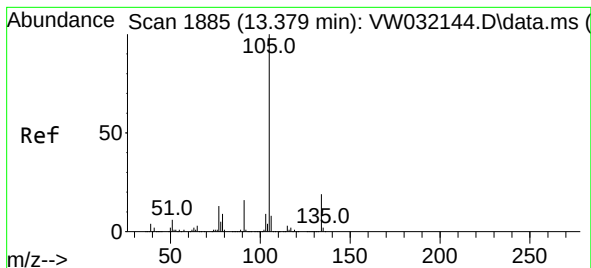
Tgt Ion:105 Resp: 210523

Ion Ratio Lower Upper

105 100

120 44.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.878 ug/l

RT: 13.379 min Scan# 1185

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

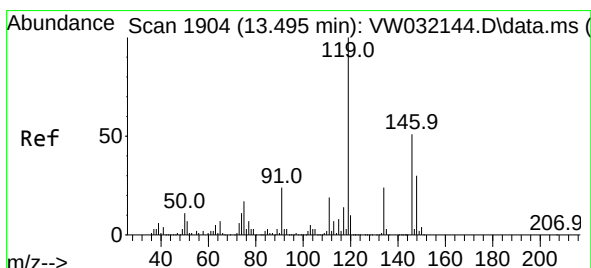
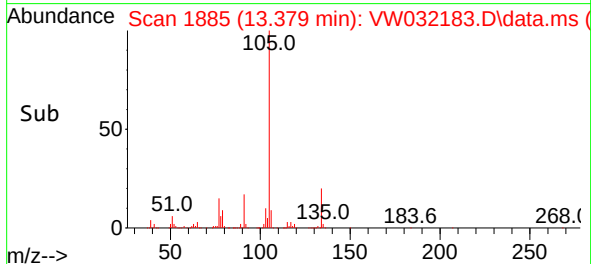
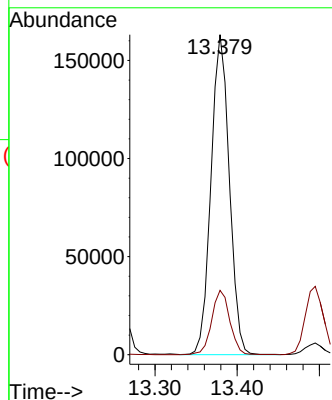
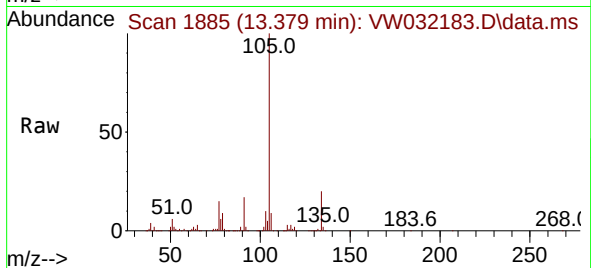
ClientSampleId :

Tgt Ion:105 Resp: 252463

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.224 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

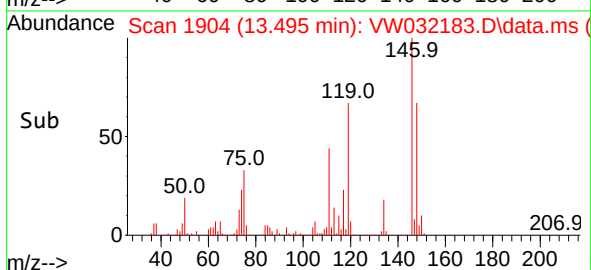
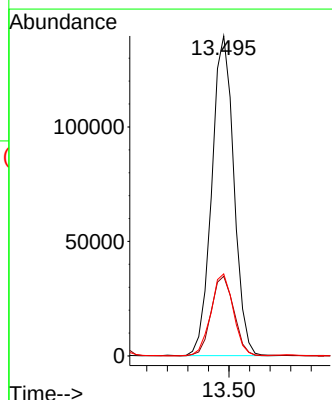
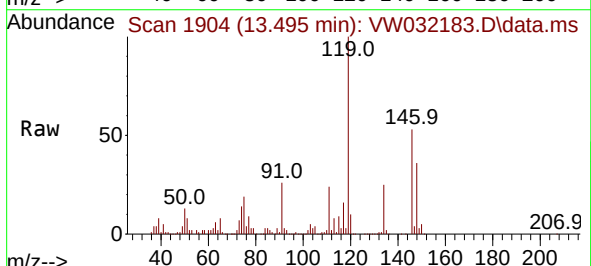
Tgt Ion:119 Resp: 207977

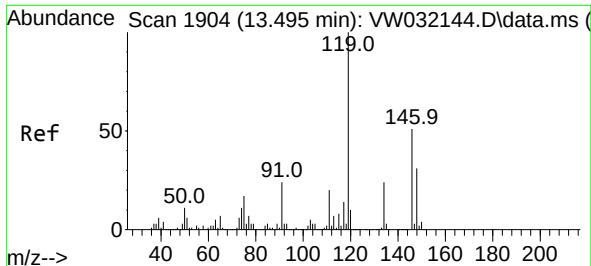
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 26.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.427 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

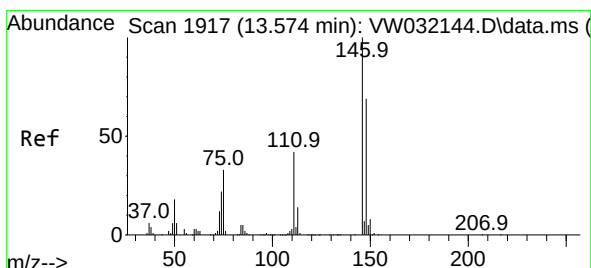
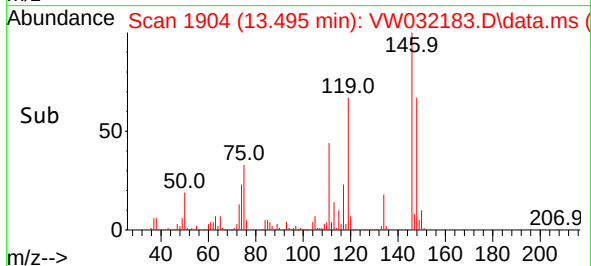
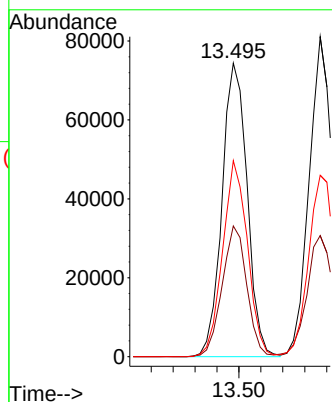
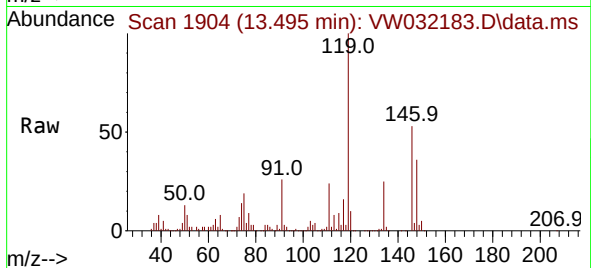
Tgt Ion:146 Resp: 118332

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 66.2 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 21.499 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

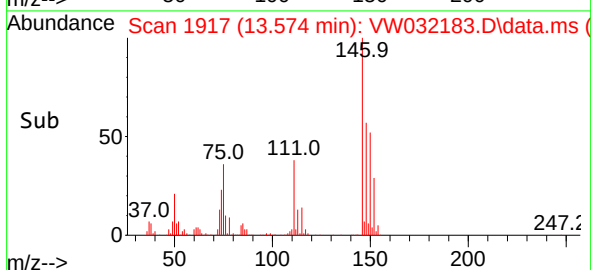
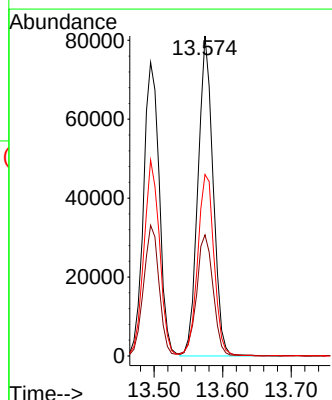
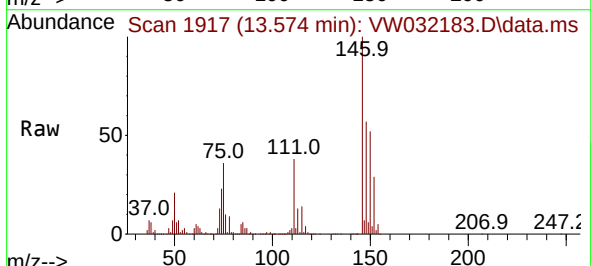
Tgt Ion:146 Resp: 124834

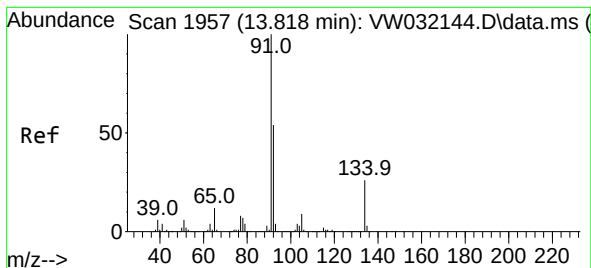
Ion Ratio Lower Upper

146 100

111 41.0 21.3 63.7

148 61.4 33.4 100.1





#89

n-Butylbenzene

Concen: 21.375 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

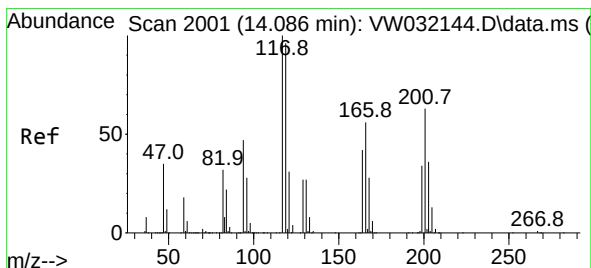
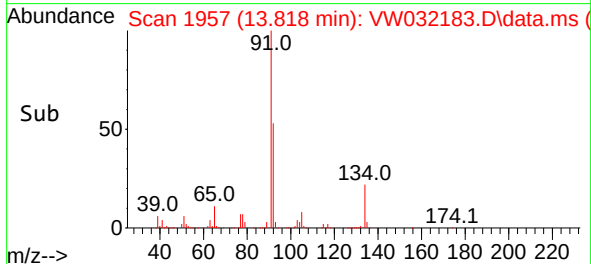
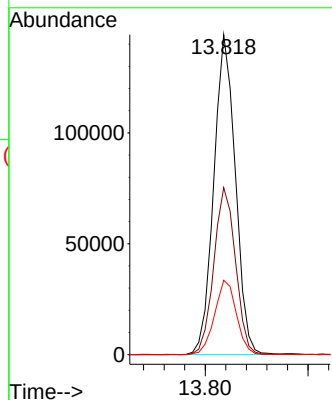
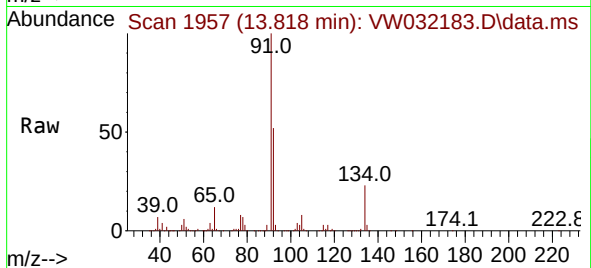
Tgt Ion: 91 Resp: 209562

Ion Ratio Lower Upper

91 100

92 52.8 27.0 81.0

134 23.7 13.1 39.3



#90

Hexachloroethane

Concen: 21.181 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW032183.D

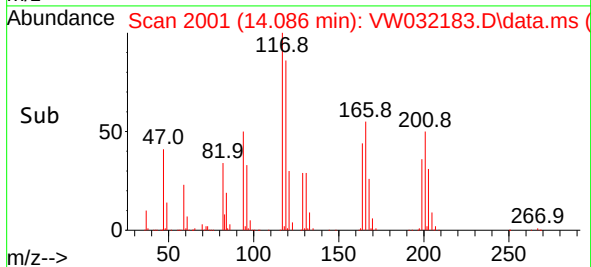
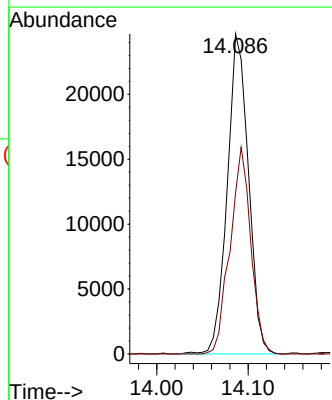
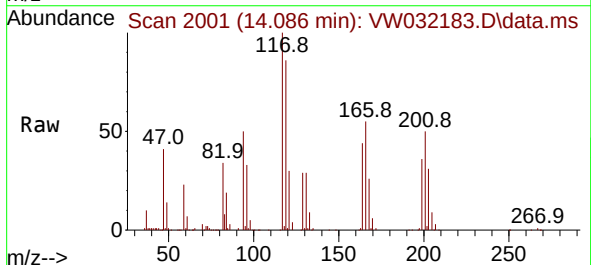
Acq: 17 Sep 2025 12:24

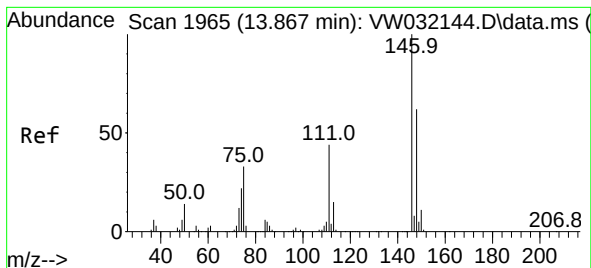
Tgt Ion: 117 Resp: 39841

Ion Ratio Lower Upper

117 100

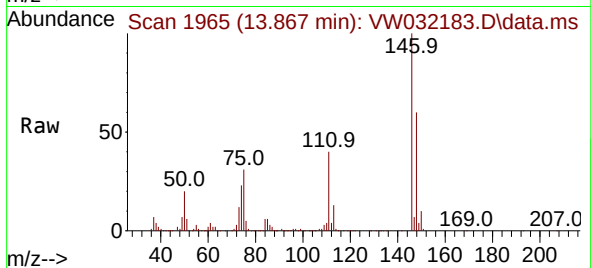
201 62.9 32.8 98.4



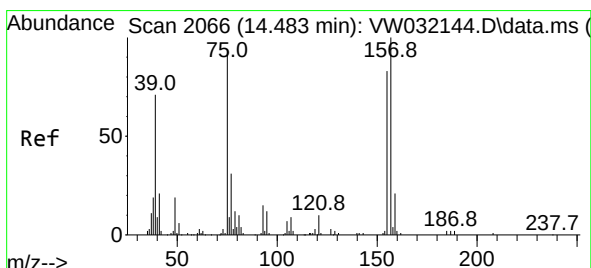
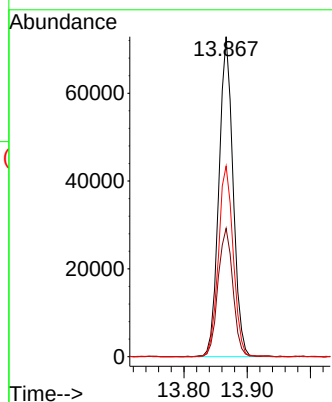
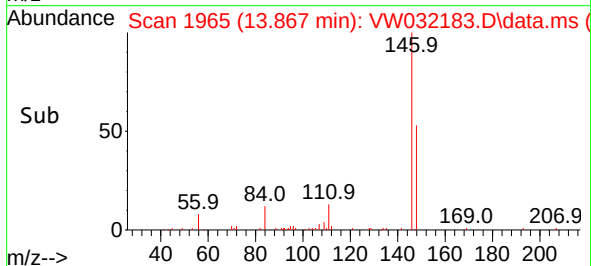


#91
1,2-Dichlorobenzene
Concen: 22.008 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24

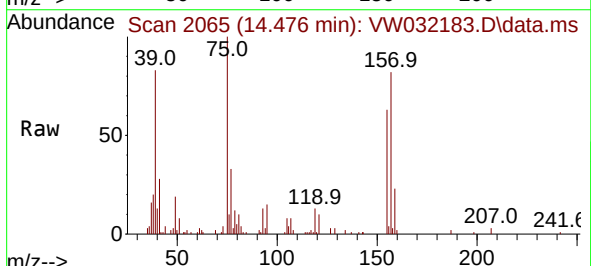
Instrument :
MSVOA_W
ClientSampleId :



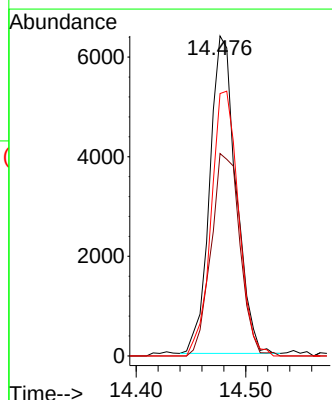
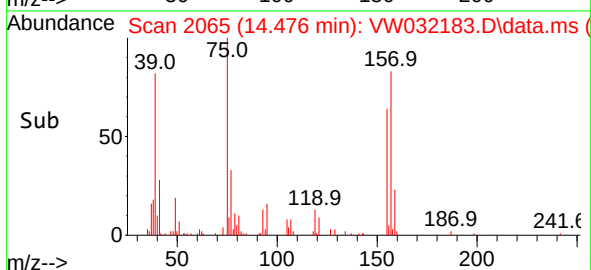
Tgt Ion:146 Resp: 112876
Ion Ratio Lower Upper
146 100
111 42.0 23.4 70.0
148 62.2 34.1 102.3

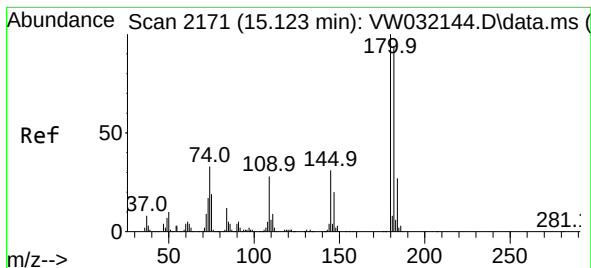


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.454 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032183.D
Acq: 17 Sep 2025 12:24



Tgt Ion: 75 Resp: 10636
Ion Ratio Lower Upper
75 100
155 69.8 40.8 122.5
157 86.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 18.224 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

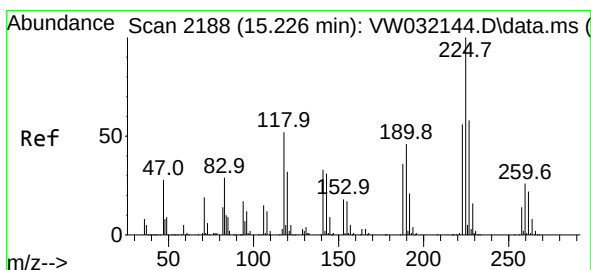
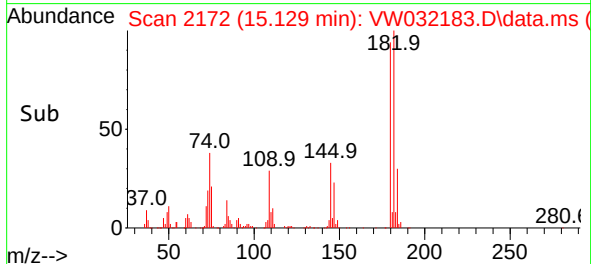
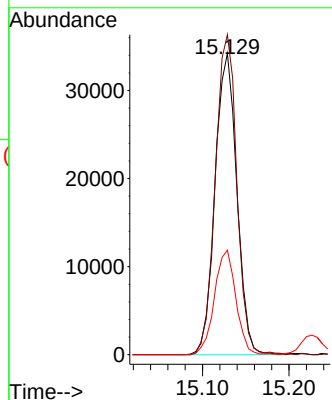
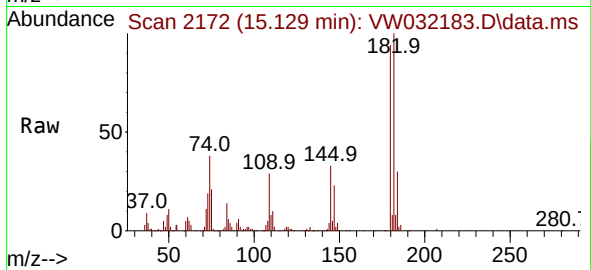
Tgt Ion:180 Resp: 59716

Ion Ratio Lower Upper

180 100

182 104.5 47.4 142.2

145 34.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 20.738 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

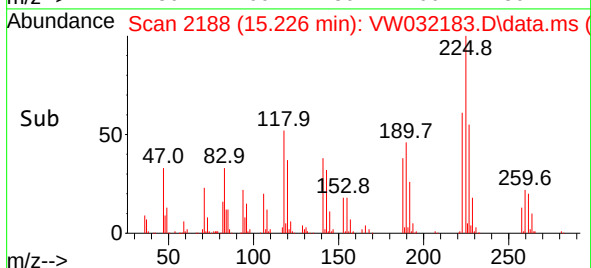
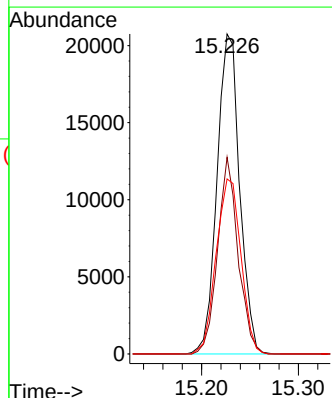
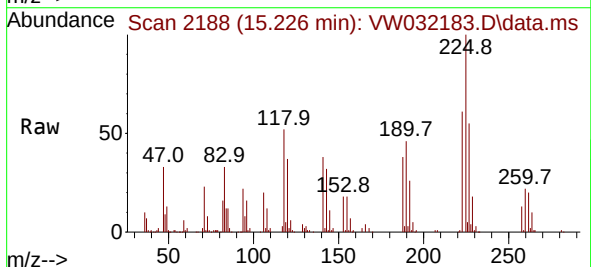
Tgt Ion:225 Resp: 33703

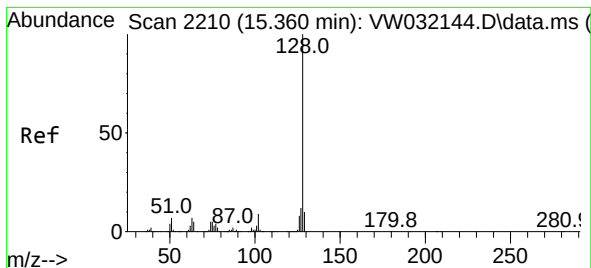
Ion Ratio Lower Upper

225 100

223 55.7 29.8 89.3

227 59.7 30.5 91.5





#95

Naphthalene

Concen: 20.485 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Instrument :

MSVOA_W

ClientSampleId :

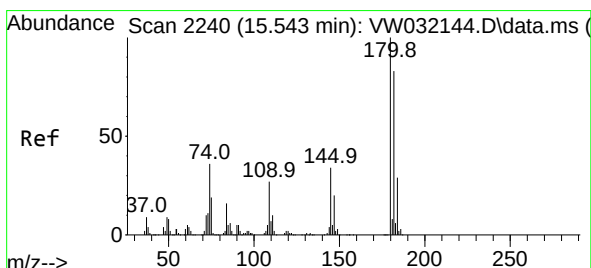
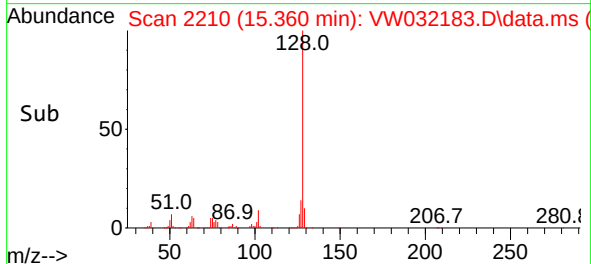
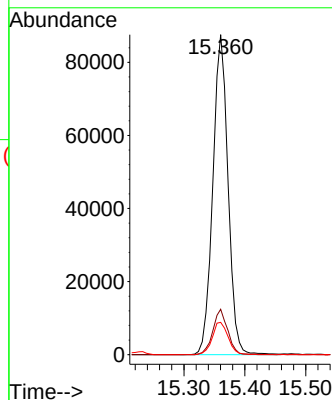
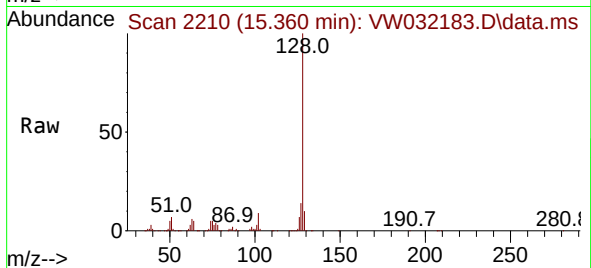
Tgt Ion:128 Resp: 151915

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.869 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032183.D

Acq: 17 Sep 2025 12:24

Tgt Ion:180 Resp: 60549

Ion Ratio Lower Upper

180 100

182 100.5 47.7 143.1

145 35.5 17.2 51.6

