

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032226.D
 Acq On : 22 Sep 2025 11:35
 Operator : SY/MD
 Sample : VW0922SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBS01

Quant Time: Sep 23 06:04:49 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	177120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	322196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	306484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	139607	55.114	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 110.220%	
35) Dibromofluoromethane	7.898	113	115821	51.237	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.480%	
50) Toluene-d8	10.325	98	401258	50.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.617	95	146944	50.076	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 100.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	27907	23.865	ug/l	93
3) Chloromethane	2.259	50	31815	25.949	ug/l	98
4) Vinyl Chloride	2.405	62	45061	28.296	ug/l	95
5) Bromomethane	2.820	94	38040	26.749	ug/l	89
6) Chloroethane	2.972	64	30933	27.582	ug/l	93
7) Trichlorofluoromethane	3.308	101	43370	27.486	ug/l	99
8) Diethyl Ether	3.722	74	32275	27.410	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	48104	27.063	ug/l	94
10) Methyl Iodide	4.307	142	62344	23.035	ug/l	99
11) Tert butyl alcohol	5.222	59	17570	113.399	ug/l	98
12) 1,1-Dichloroethene	4.076	96	49696	26.548	ug/l	96
13) Acrolein	3.935	56	15144	63.585	ug/l	99
14) Allyl chloride	4.704	41	63722	23.965	ug/l	99
15) Acrylonitrile	5.405	53	69200	120.876	ug/l	99
16) Acetone	4.155	43	81608	148.761	ug/l	97
17) Carbon Disulfide	4.417	76	106257	22.695	ug/l	100
18) Methyl Acetate	4.710	43	40780	23.331	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	83068	23.499	ug/l	93
20) Methylene Chloride	4.960	84	54458	21.704	ug/l	99
21) trans-1,2-Dichloroethene	5.466	96	48734	23.305	ug/l	91
22) Diisopropyl ether	6.344	45	141753	24.494	ug/l	96
23) Vinyl Acetate	6.283	43	469030	119.206	ug/l	100
24) 1,1-Dichloroethane	6.246	63	88943	23.476	ug/l	98
25) 2-Butanone	7.197	43	93946	120.852	ug/l	99
26) 2,2-Dichloropropane	7.185	77	50125	24.983	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	57797	22.713	ug/l	99
28) Bromochloromethane	7.526	49	39888	22.999	ug/l #	9
29) Tetrahydrofuran	7.557	42	60230	121.927	ug/l	97
30) Chloroform	7.697	83	104289	24.110	ug/l	93
31) Cyclohexane	7.971	56	70330	22.617	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	76005	24.070	ug/l	99
36) 1,1-Dichloropropene	8.099	75	64409	21.976	ug/l	98
37) Ethyl Acetate	7.276	43	41137	23.397	ug/l	99
38) Carbon Tetrachloride	8.081	117	69507	22.122	ug/l	96
39) Methylcyclohexane	9.343	83	71999	20.740	ug/l	97
40) Benzene	8.337	78	202023	22.299	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	23246	23.797	ug/l	88
42) 1,2-Dichloroethane	8.410	62	69921	22.263	ug/l	99
43) Isopropyl Acetate	8.435	43	71546	21.691	ug/l	97
44) Trichloroethene	9.105	130	49110	21.555	ug/l	92
45) 1,2-Dichloropropane	9.380	63	48815	22.351	ug/l	99
46) Dibromomethane	9.465	93	33827	22.083	ug/l	97
47) Bromodichloromethane	9.648	83	76978	22.113	ug/l	100
48) Methyl methacrylate	9.441	41	33753	22.205	ug/l	99
49) 1,4-Dioxane	9.465	88	8218	444.021	ug/l #	78
51) 4-Methyl-2-Pentanone	10.215	43	216926	116.471	ug/l	97
52) Toluene	10.392	92	128377	21.684	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	66154	21.542	ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	74425	21.240	ug/l	92
55) 1,1,2-Trichloroethane	10.788	97	45123	22.653	ug/l	92
56) Ethyl methacrylate	10.648	69	53338	20.945	ug/l	97
57) 1,3-Dichloropropane	10.934	76	72368	21.697	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	138292	101.739	ug/l	99
59) 2-Hexanone	10.971	43	151466	116.934	ug/l	96
60) Dibromochloromethane	11.129	129	53060	22.013	ug/l	97
61) 1,2-Dibromoethane	11.239	107	43667	22.292	ug/l	100
64) Tetrachloroethene	10.867	164	42251	20.946	ug/l	96
65) Chlorobenzene	11.660	112	145691	20.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	48651	21.183	ug/l	99
67) Ethyl Benzene	11.733	91	239230	20.930	ug/l	99
68) m/p-Xylenes	11.836	106	184338	41.906	ug/l	98
69) o-Xylene	12.166	106	86485	20.785	ug/l	99
70) Styrene	12.178	104	152860	20.840	ug/l	99
71) Bromoform	12.349	173	28312	20.755	ug/l #	99
73) Isopropylbenzene	12.464	105	221051	21.026	ug/l	99
74) N-amyl acetate	12.269	43	65832	21.568	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	55214	22.100	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	43374m	22.373	ug/l	
77) Bromobenzene	12.745	156	56367	21.025	ug/l	96
78) n-propylbenzene	12.800	91	276019	21.626	ug/l	98
79) 2-Chlorotoluene	12.891	91	165489	21.203	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	192350	21.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	14905	20.700	ug/l	97
82) 4-Chlorotoluene	12.989	91	175283	20.981	ug/l	99
83) tert-Butylbenzene	13.202	119	154463	20.467	ug/l	93
84) 1,2,4-Trimethylbenzene	13.245	105	200407	21.763	ug/l	99
85) sec-Butylbenzene	13.379	105	242262	21.500	ug/l	97
86) p-Isopropyltoluene	13.495	119	209040	21.815	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	113161	20.964	ug/l	97
88) 1,4-Dichlorobenzene	13.580	146	114260	21.118	ug/l	99
89) n-Butylbenzene	13.818	91	192055	21.022	ug/l	98
90) Hexachloroethane	14.092	117	38124	21.751	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	105637	22.104	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	10358	23.467	ug/l	82
93) 1,2,4-Trichlorobenzene	15.129	180	60528	19.823	ug/l	98
94) Hexachlorobutadiene	15.226	225	27510	18.166	ug/l	87
95) Naphthalene	15.360	128	141058	20.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	58023	20.433	ug/l	97

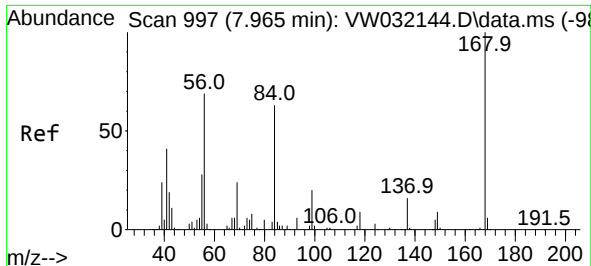
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
Data File : VW032226.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

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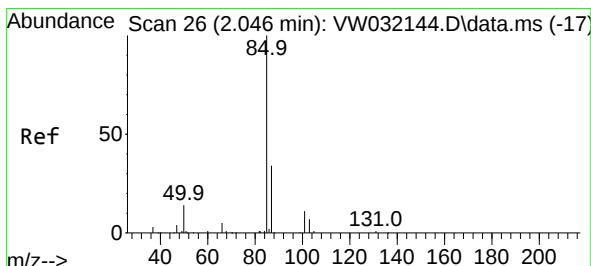
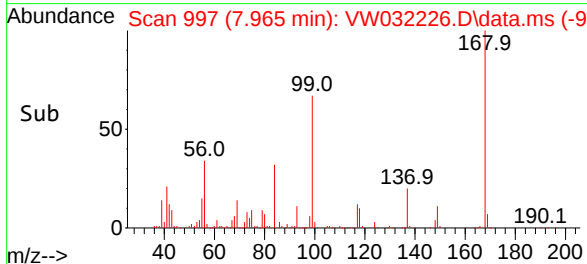
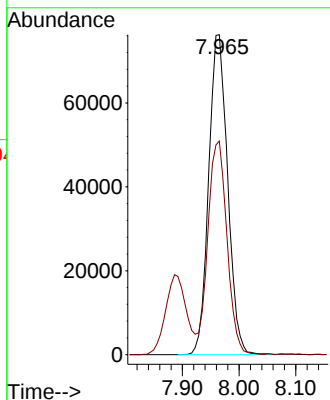
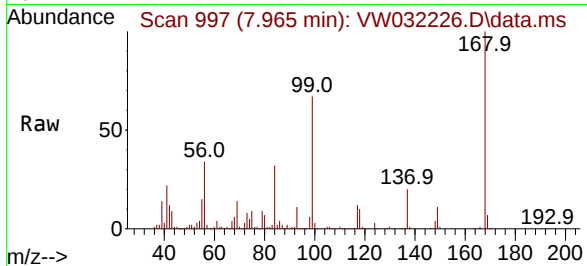
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032226.D
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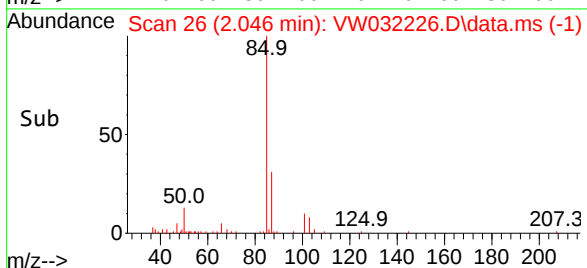
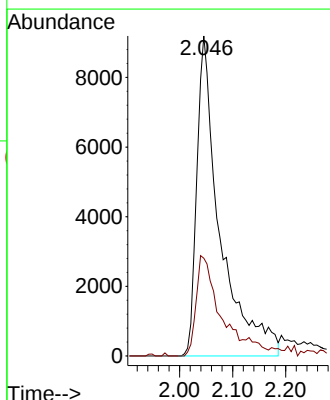
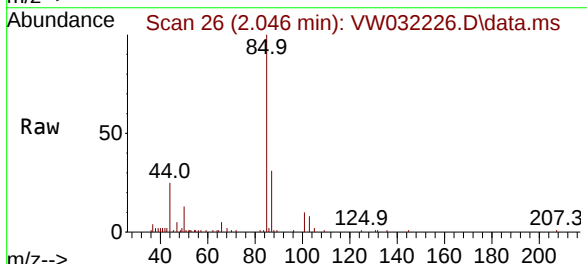
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ClientSampleId :
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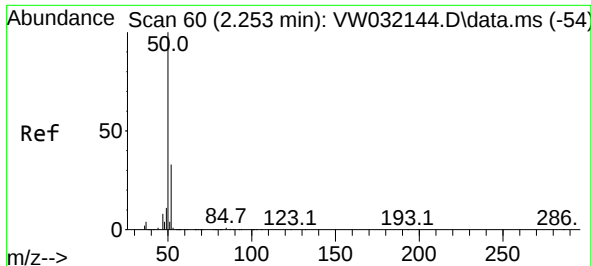
Tgt Ion:168 Resp: 177120
Ion Ratio Lower Upper
168 100
99 66.6 49.3 73.9



#2
Dichlorodifluoromethane
Concen: 23.865 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 85 Resp: 27907
Ion Ratio Lower Upper
85 100
87 30.5 17.2 51.6

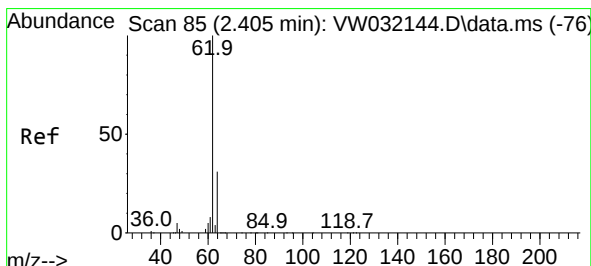
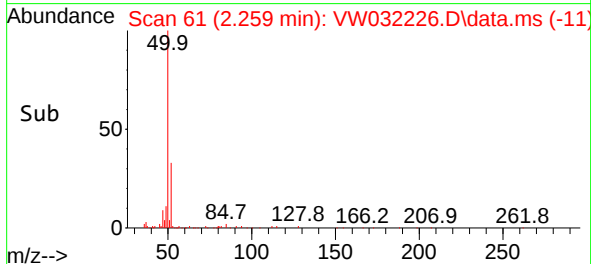
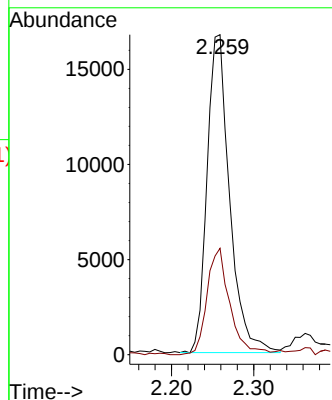
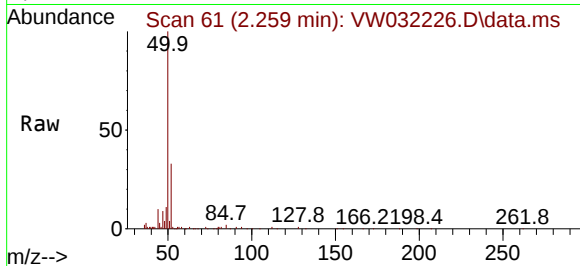




#3
Chloromethane
Concen: 25.949 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

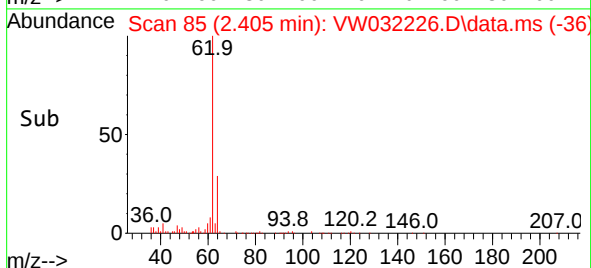
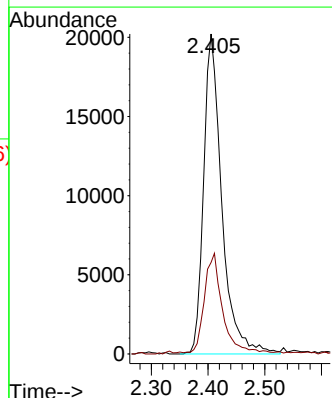
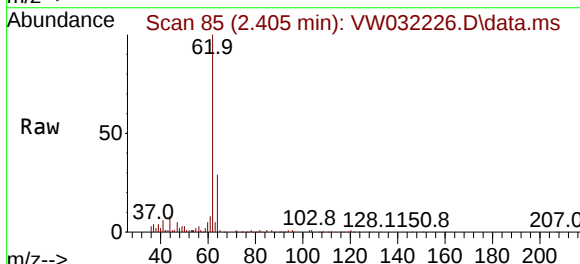
Instrument :
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ClientSampleId :
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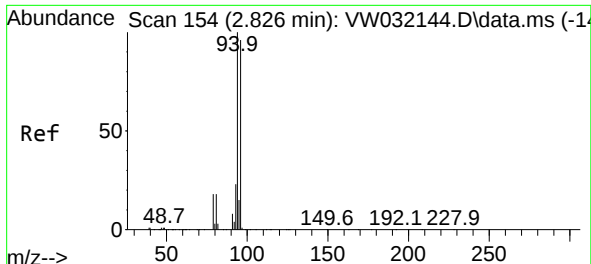
Tgt Ion: 50 Resp: 31815
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1



#4
Vinyl Chloride
Concen: 28.296 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 62 Resp: 45061
Ion Ratio Lower Upper
62 100
64 28.0 24.8 37.2

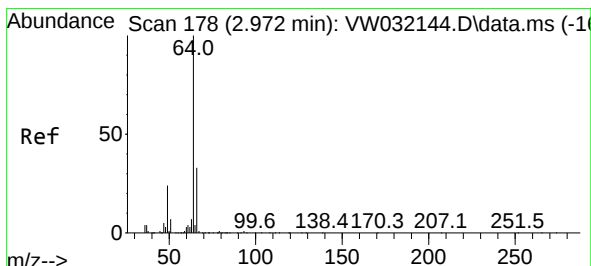
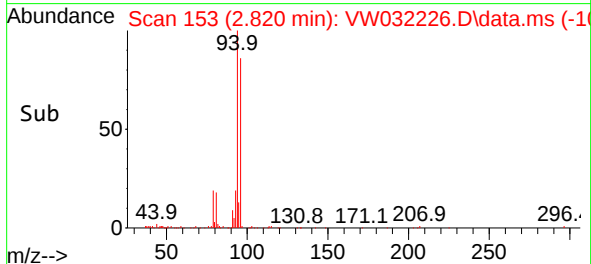
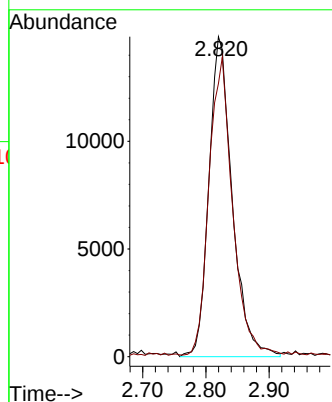
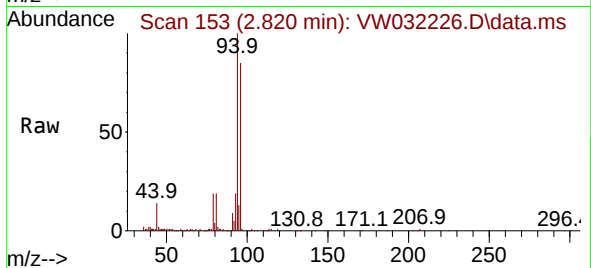




#5
Bromomethane
Concen: 26.749 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

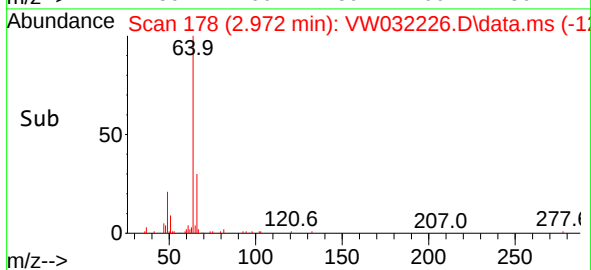
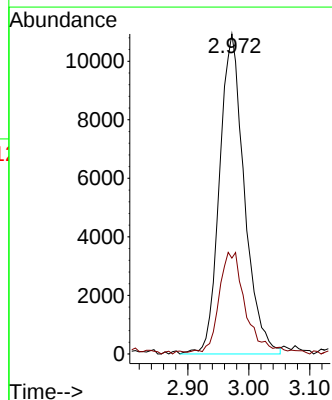
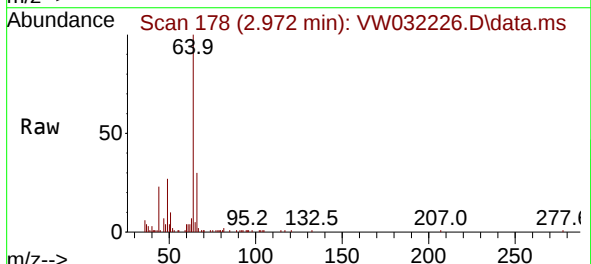
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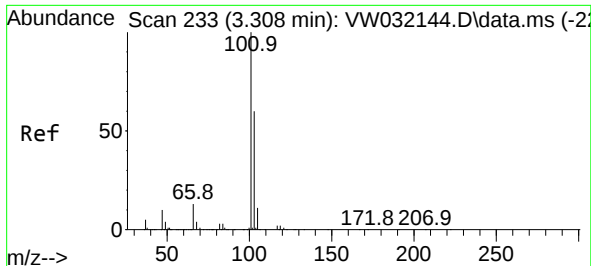
Tgt Ion: 94 Resp: 38040
Ion Ratio Lower Upper
94 100
96 84.8 76.6 115.0



#6
Chloroethane
Concen: 27.582 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 64 Resp: 30933
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.4

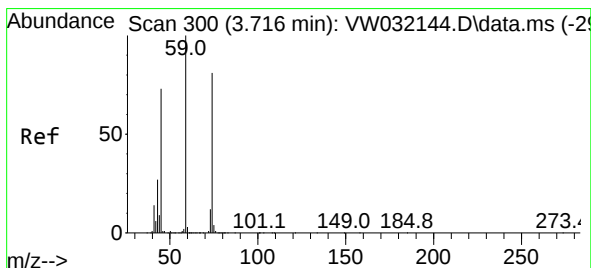
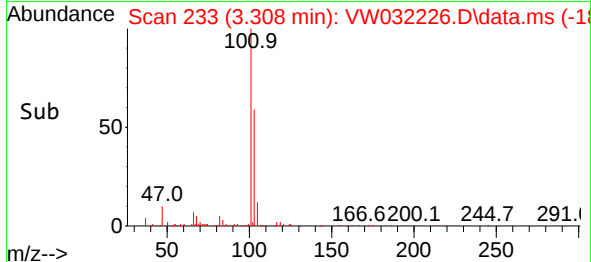
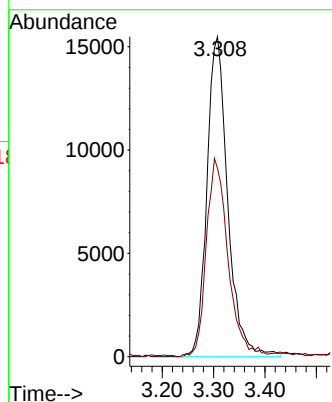
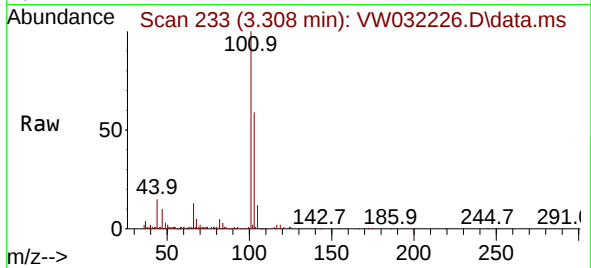




#7
 Trichlorofluoromethane
 Concen: 27.486 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

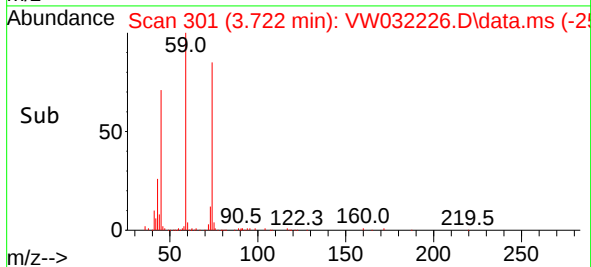
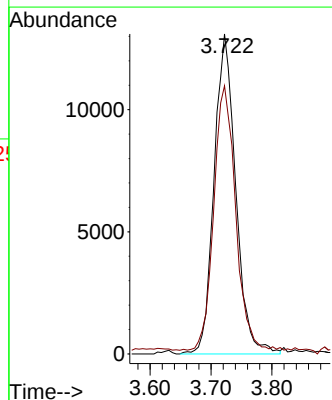
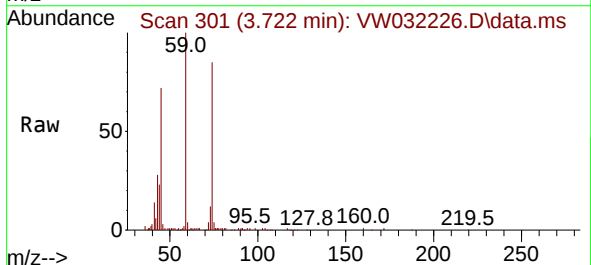
Instrument :
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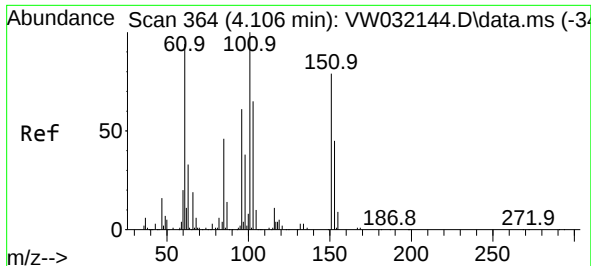
Tgt Ion:101 Resp: 43370
 Ion Ratio Lower Upper
 101 100
 103 58.9 47.8 71.8



#8
 Diethyl Ether
 Concen: 27.410 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

Tgt Ion: 74 Resp: 32275
 Ion Ratio Lower Upper
 74 100
 45 82.9 43.1 129.4

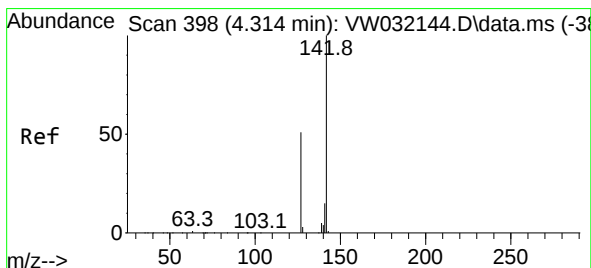
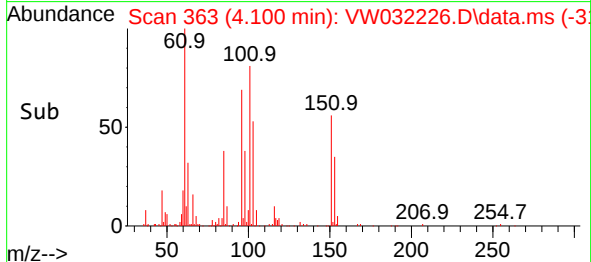
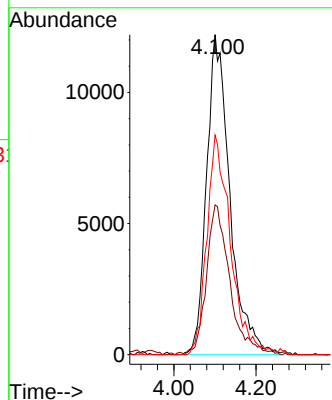
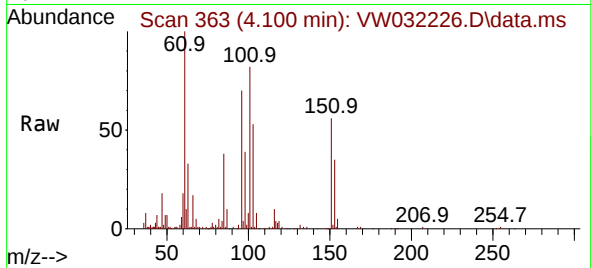




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.063 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

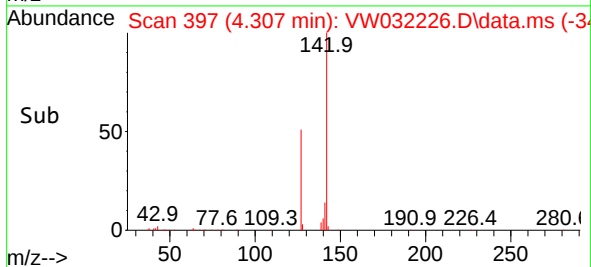
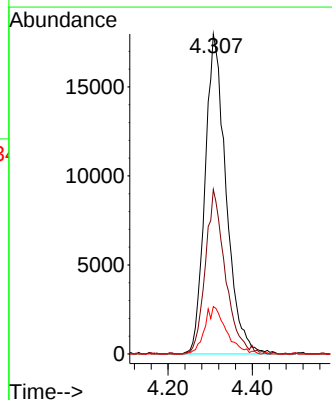
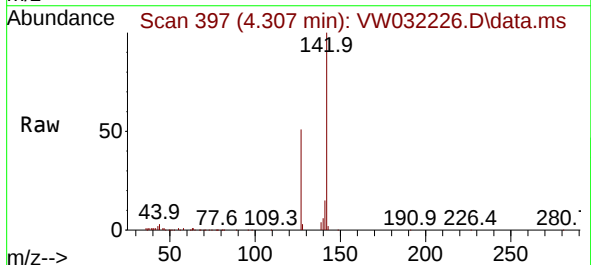
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

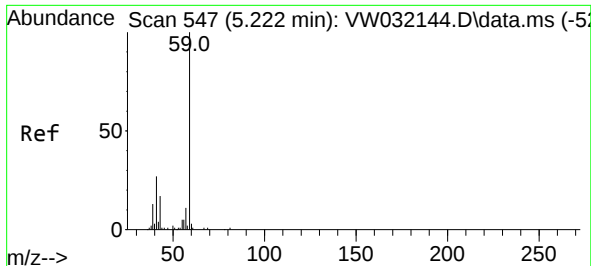
Tgt Ion:101 Resp: 48104
Ion Ratio Lower Upper
101 100
85 46.7 37.1 55.7
151 69.4 61.5 92.3



#10
Methyl Iodide
Concen: 23.035 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:142 Resp: 62344
Ion Ratio Lower Upper
142 100
127 49.0 38.2 57.2
141 15.3 12.2 18.2

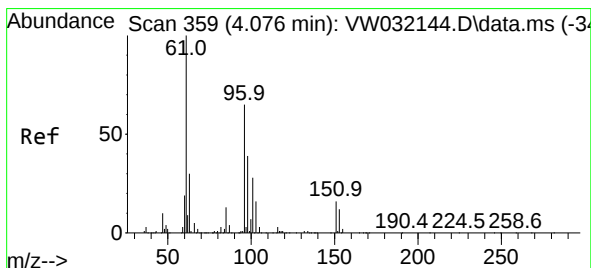
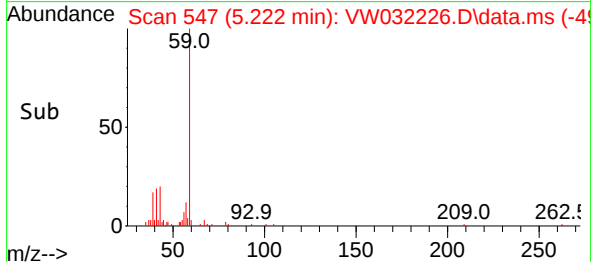
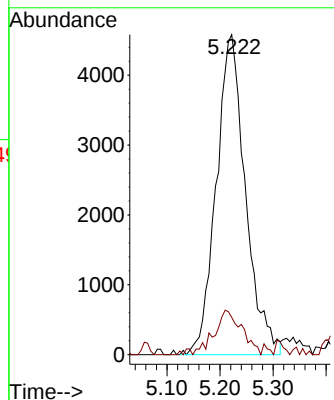
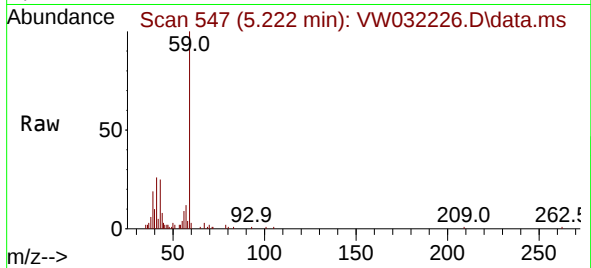




#11
Tert butyl alcohol
Concen: 113.399 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

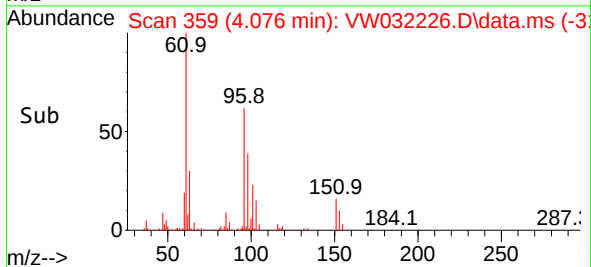
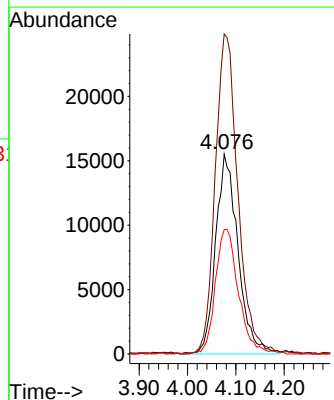
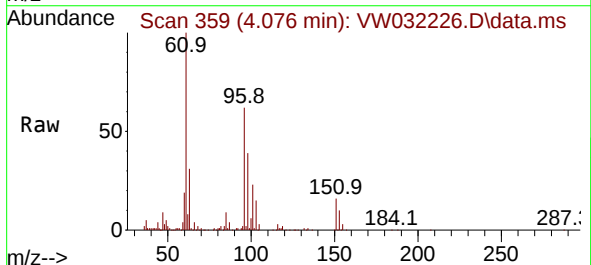
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

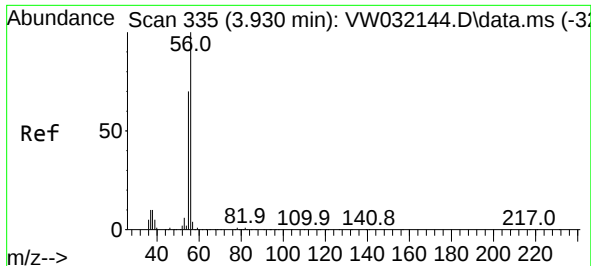
Tgt Ion: 59 Resp: 17570
Ion Ratio Lower Upper
59 100
57 13.0 9.8 14.6



#12
1,1-Dichloroethene
Concen: 26.548 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 96 Resp: 49696
Ion Ratio Lower Upper
96 100
61 160.3 123.0 184.4
98 61.8 48.5 72.7

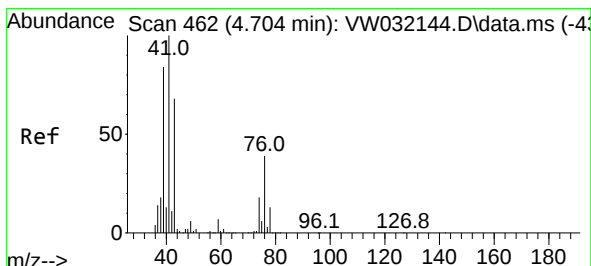
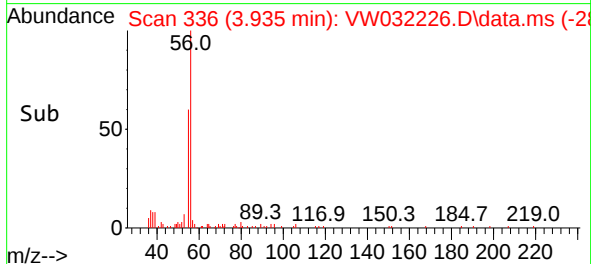
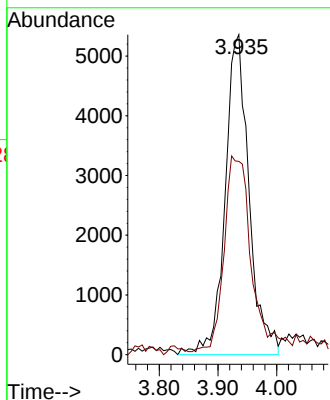
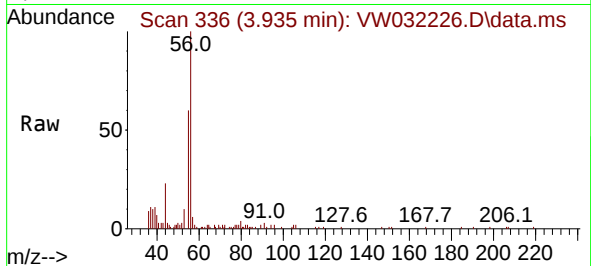




#13
Acrolein
Concen: 63.585 ug/l
RT: 3.935 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

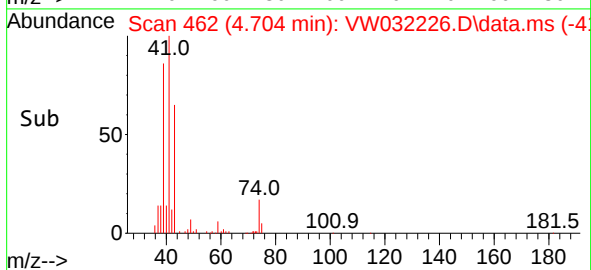
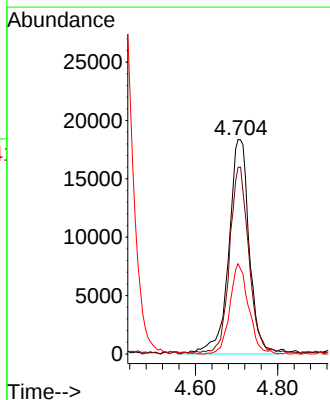
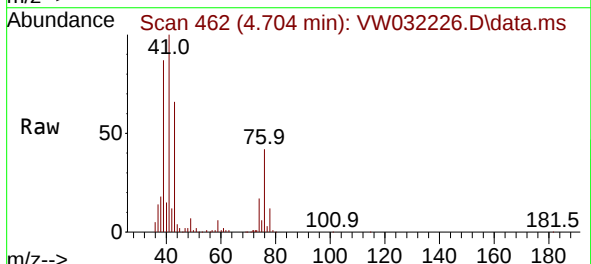
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

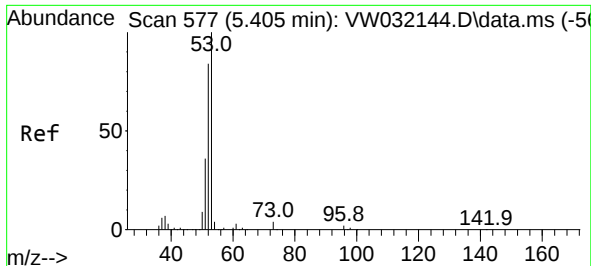
Tgt Ion: 56 Resp: 15144
Ion Ratio Lower Upper
56 100
55 69.6 56.4 84.6



#14
Allyl chloride
Concen: 23.965 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 41 Resp: 63722
Ion Ratio Lower Upper
41 100
39 80.4 64.1 96.1
76 38.3 31.4 47.2

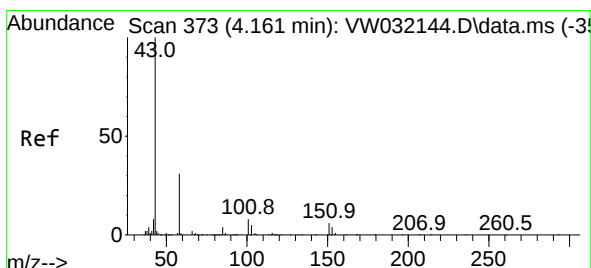
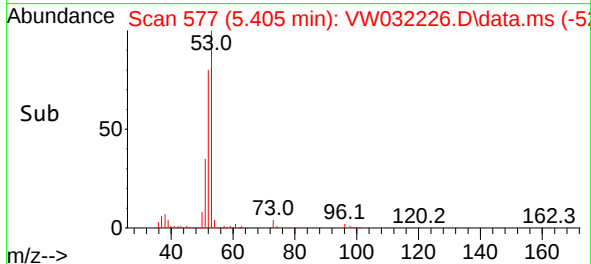
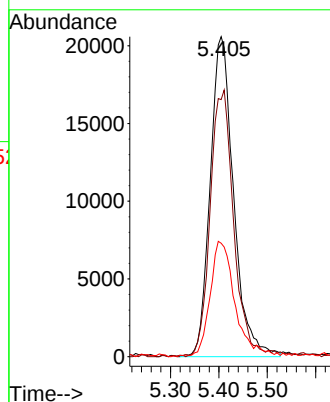
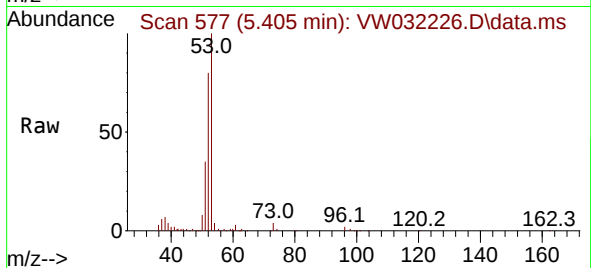




#15
Acrylonitrile
Concen: 120.876 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

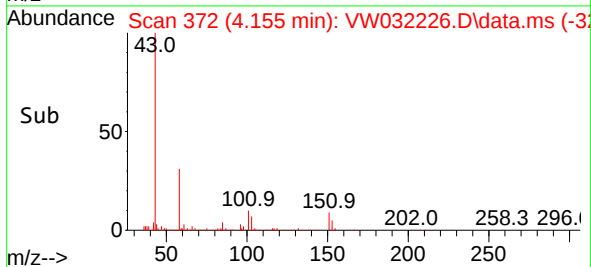
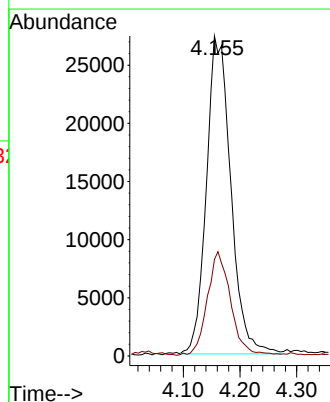
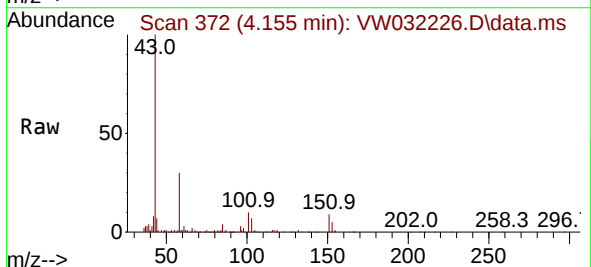
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

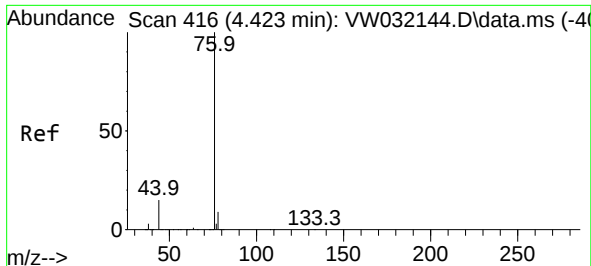
Tgt Ion: 53 Resp: 69200
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.2
51 38.5 30.3 45.5



#16
Acetone
Concen: 148.761 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 43 Resp: 81608
Ion Ratio Lower Upper
43 100
58 29.9 25.3 37.9

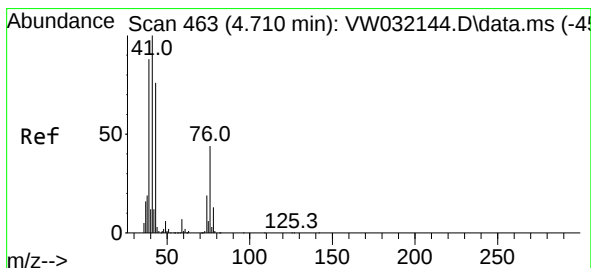
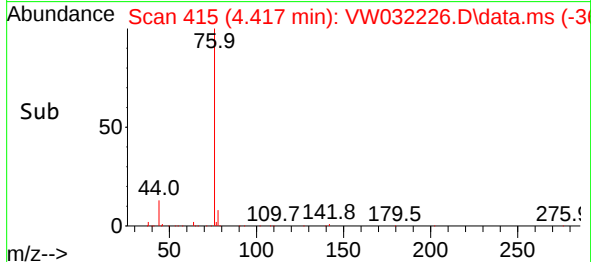
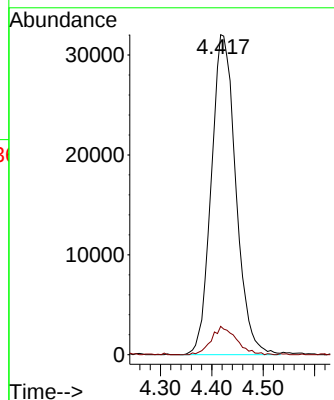
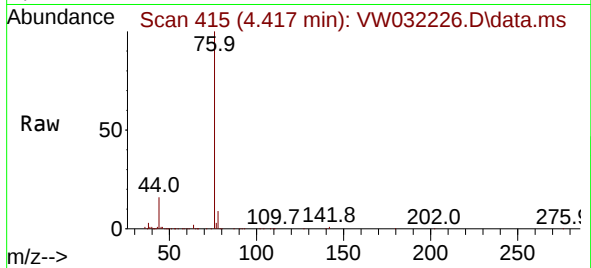




#17
Carbon Disulfide
Concen: 22.695 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

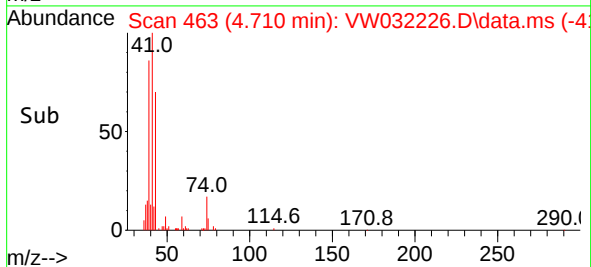
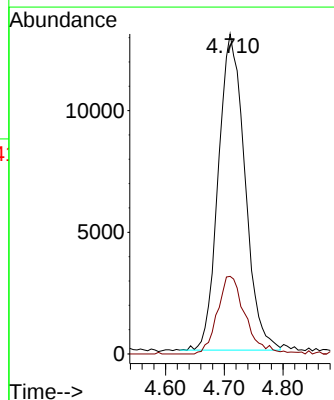
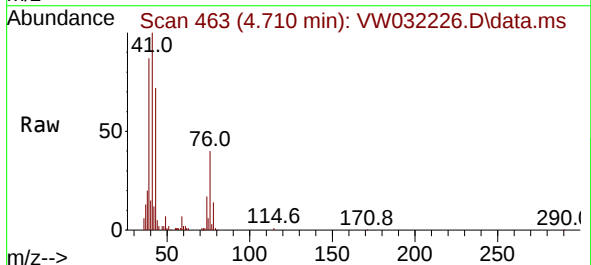
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

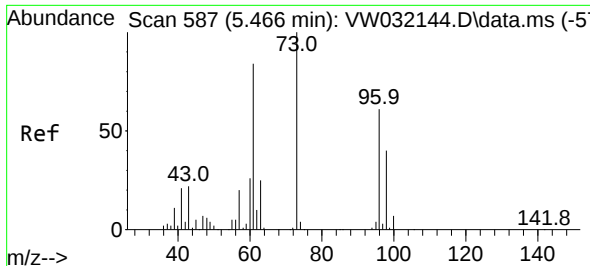
Tgt Ion: 76 Resp: 106257
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 23.331 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 43 Resp: 40780
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.4

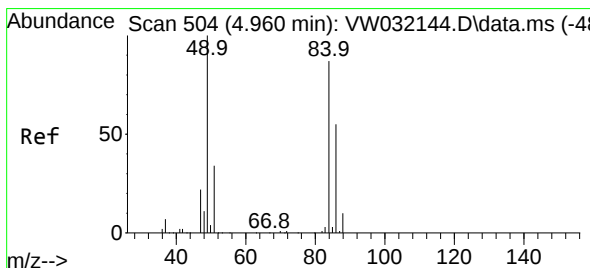
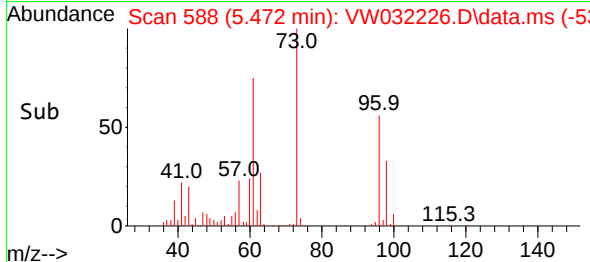
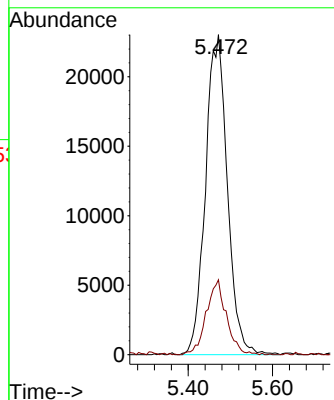
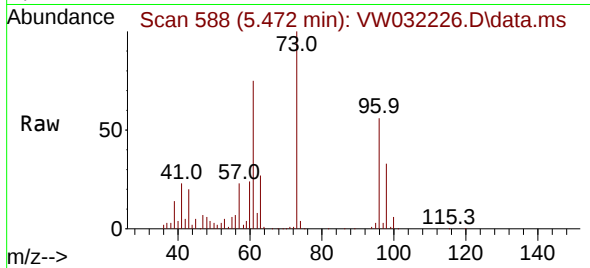




#19
Methyl tert-butyl Ether
Concen: 23.499 ug/l
RT: 5.472 min Scan# 588
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

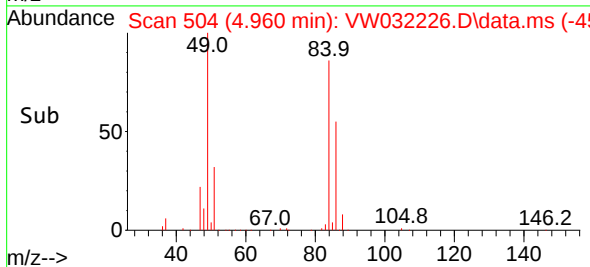
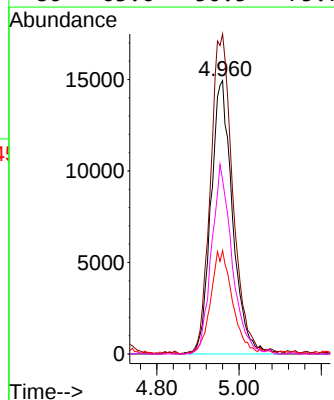
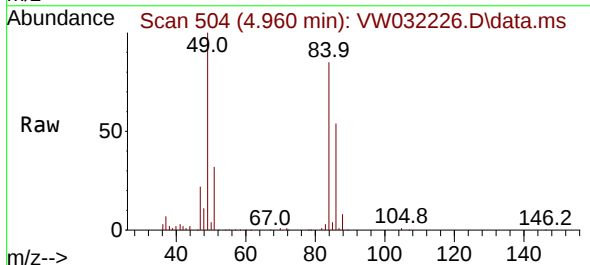
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

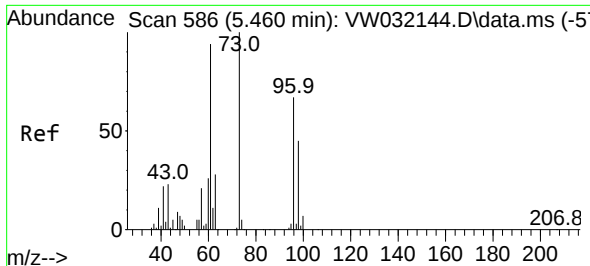
Tgt Ion: 73 Resp: 83068
Ion Ratio Lower Upper
73 100
57 23.4 16.2 24.4



#20
Methylene Chloride
Concen: 21.704 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 84 Resp: 54458
Ion Ratio Lower Upper
84 100
49 117.1 92.2 138.4
51 37.8 31.0 46.6
86 63.6 50.5 75.7

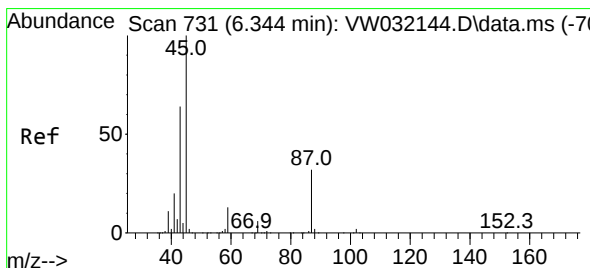
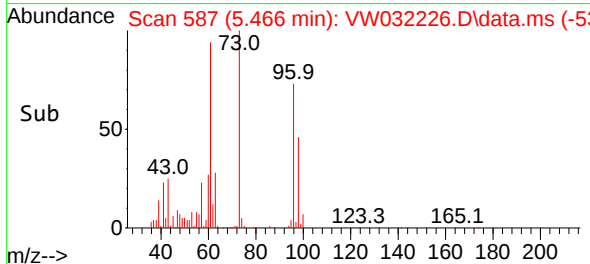
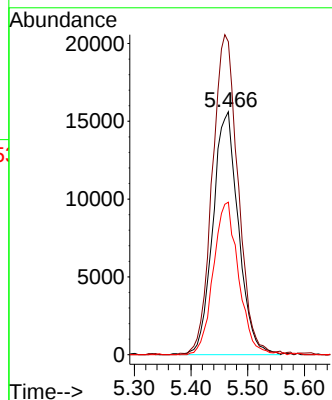
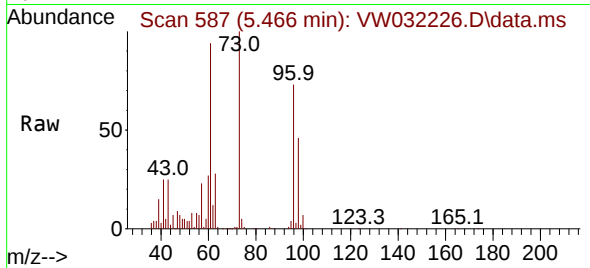




#21
trans-1,2-Dichloroethene
Concen: 23.305 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

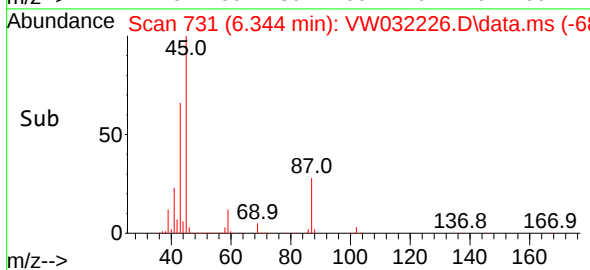
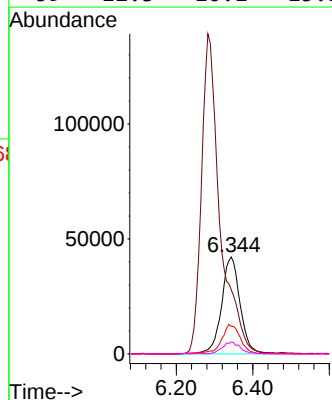
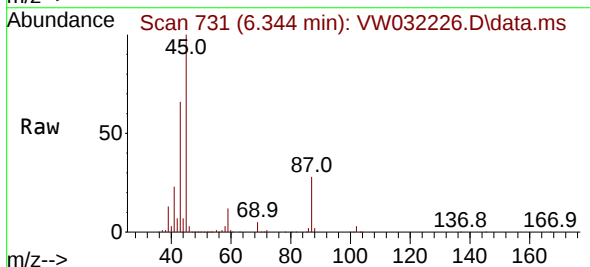
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

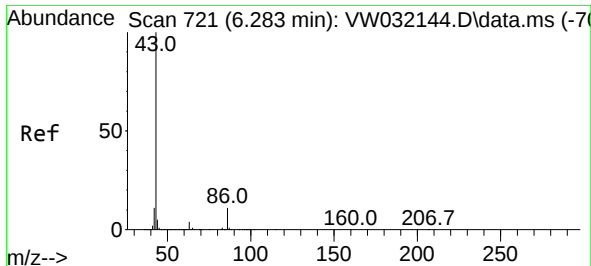
Tgt Ion: 96 Resp: 48734
Ion Ratio Lower Upper
96 100
61 128.3 112.5 168.7
98 62.8 54.2 81.4



#22
Diisopropyl ether
Concen: 24.494 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 45 Resp: 141753
Ion Ratio Lower Upper
45 100
43 66.1 51.4 77.2
87 28.2 25.9 38.9
59 12.3 10.1 15.1

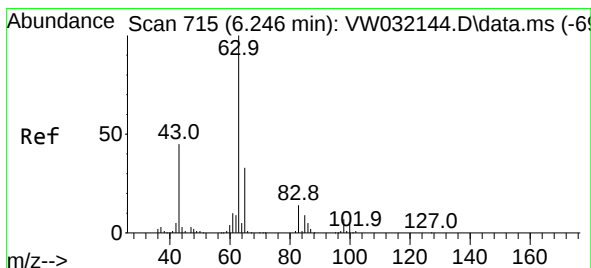
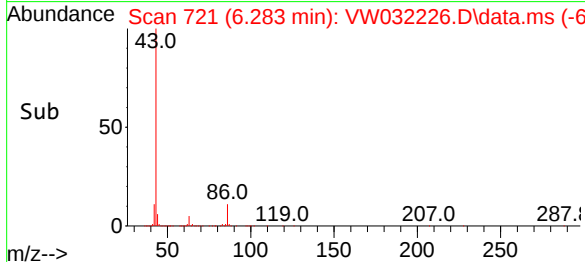
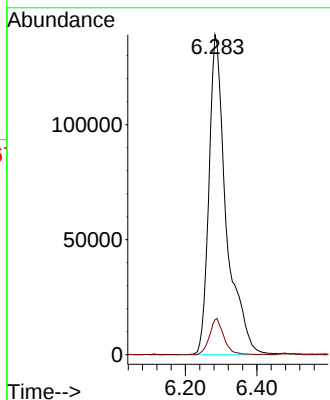
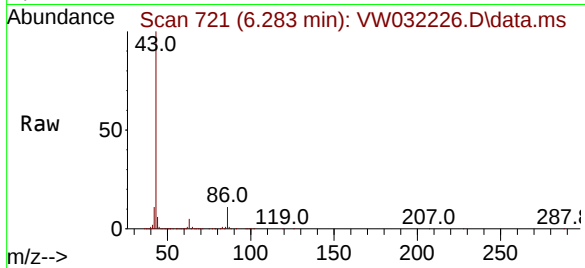




#23
 Vinyl Acetate
 Concen: 119.206 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

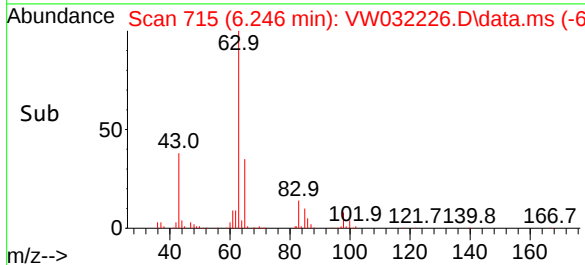
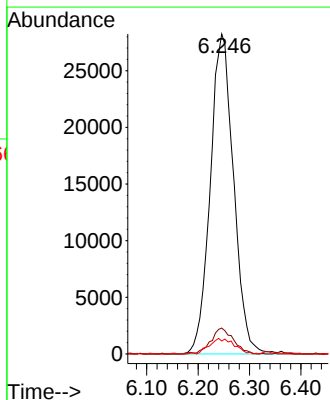
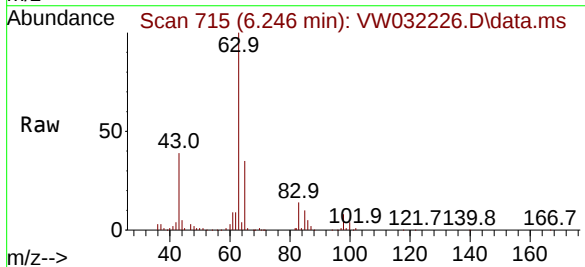
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

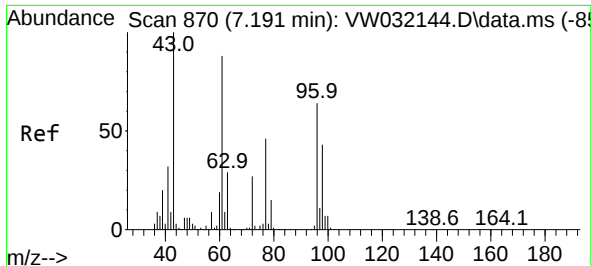
Tgt Ion: 43 Resp: 469030
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 23.476 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

Tgt Ion: 63 Resp: 88943
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.2
 100 4.1 2.5 7.5

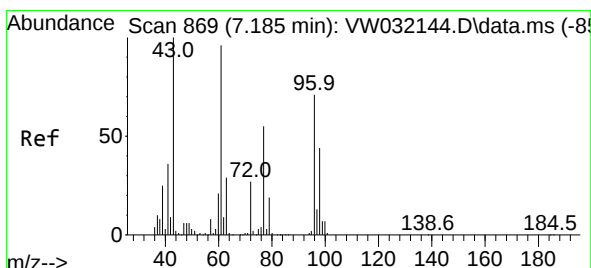
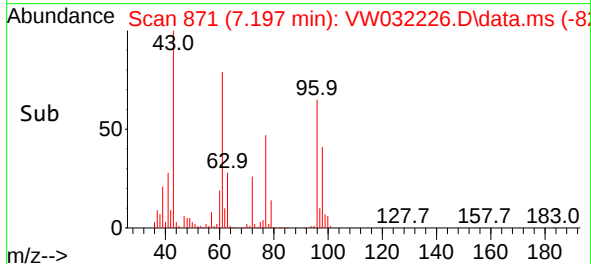
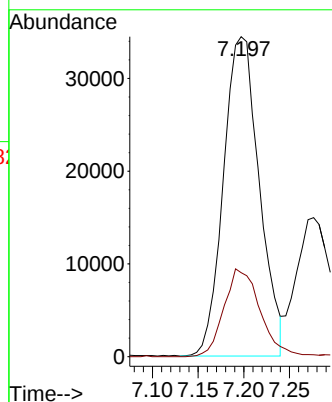
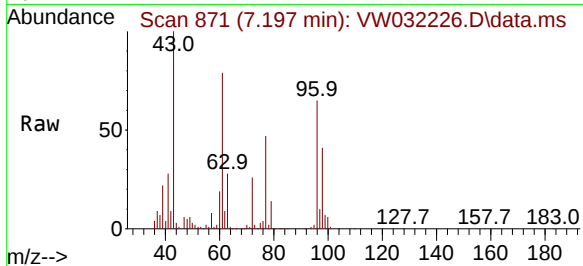




#25
2-Butanone
Concen: 120.852 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

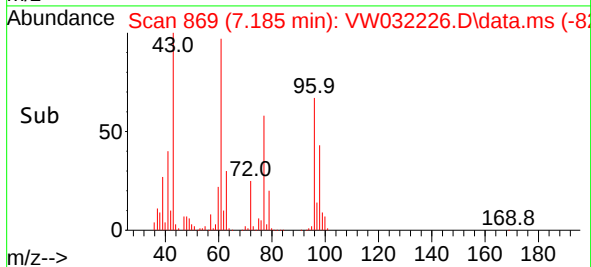
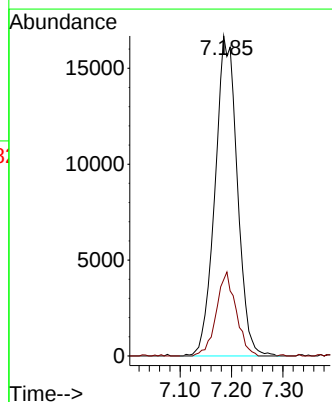
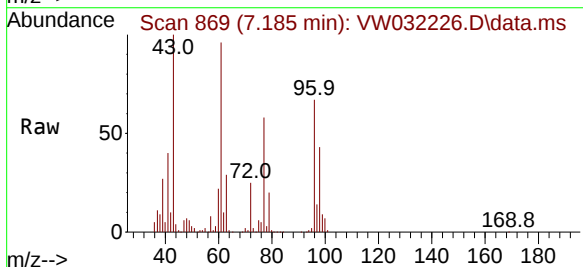
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

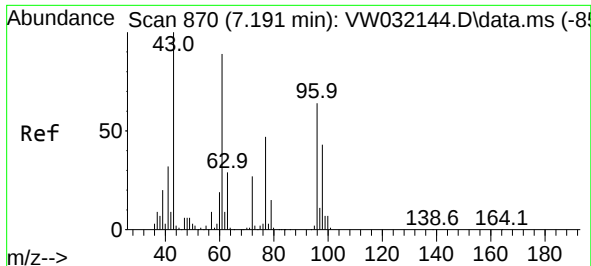
Tgt Ion: 43 Resp: 93946
Ion Ratio Lower Upper
43 100
72 26.3 21.4 32.2



#26
2,2-Dichloropropane
Concen: 24.983 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 77 Resp: 50125
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 22.713 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

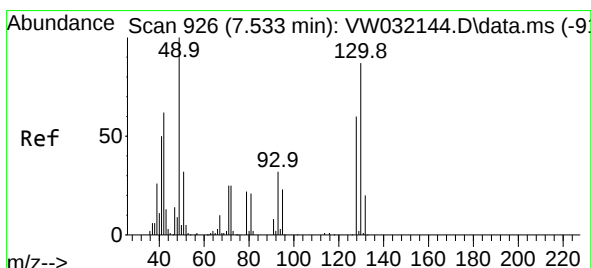
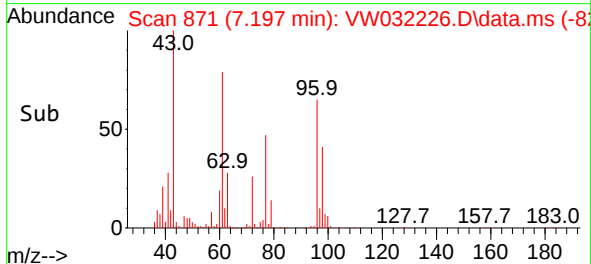
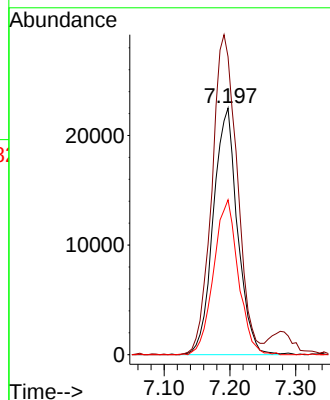
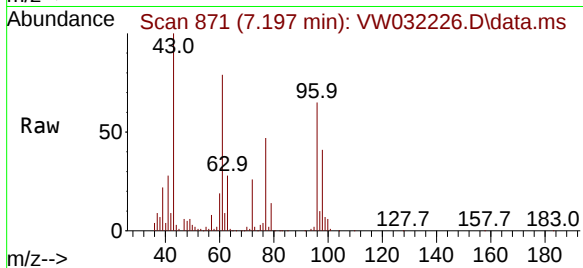
Tgt Ion: 96 Resp: 57797

Ion Ratio Lower Upper

96 100

61 135.3 0.0 268.0

98 63.9 0.0 130.8



#28

Bromochloromethane

Concen: 22.999 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

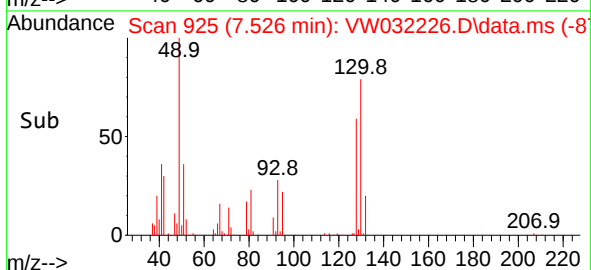
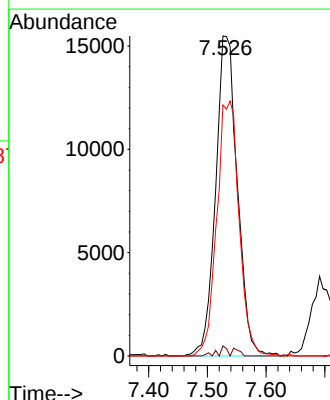
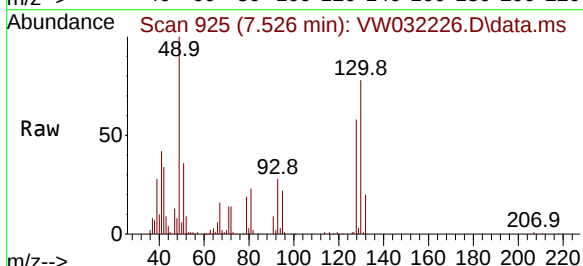
Tgt Ion: 49 Resp: 39888

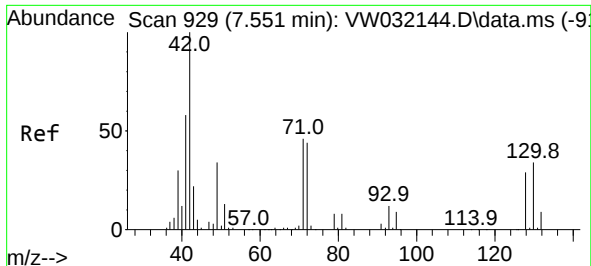
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.2

130 0.0 67.5 101.3#





#29

Tetrahydrofuran

Concen: 121.927 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

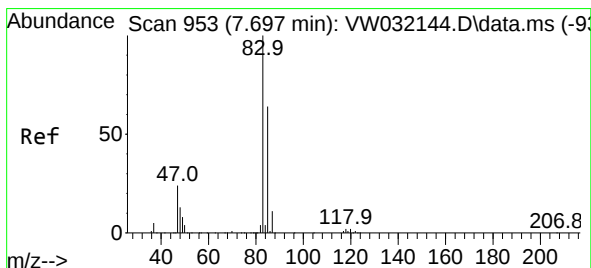
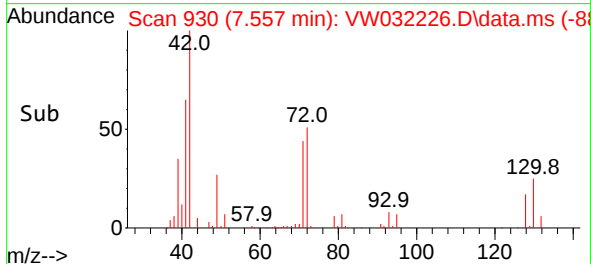
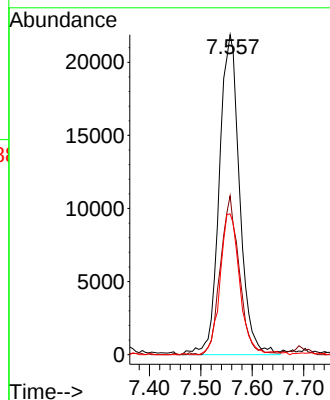
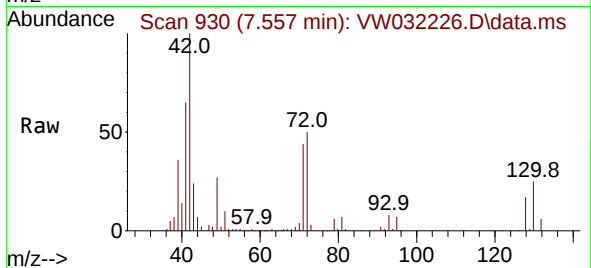
Tgt Ion: 42 Resp: 60230

Ion Ratio Lower Upper

42 100

72 46.0 37.4 56.2

71 42.4 36.0 54.0



#30

Chloroform

Concen: 24.110 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032226.D

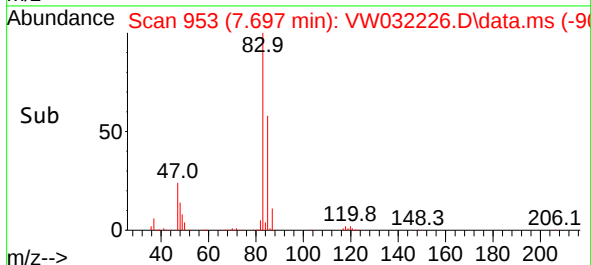
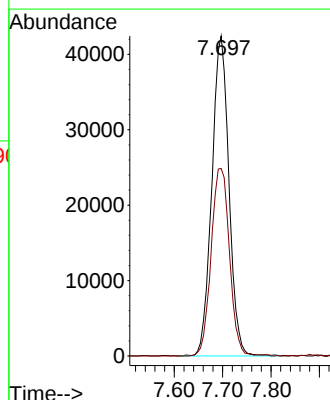
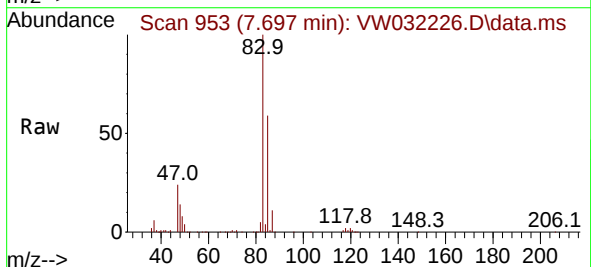
Acq: 22 Sep 2025 11:35

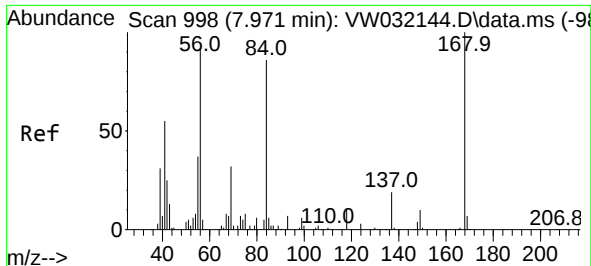
Tgt Ion: 83 Resp: 104289

Ion Ratio Lower Upper

83 100

85 58.6 51.2 76.8

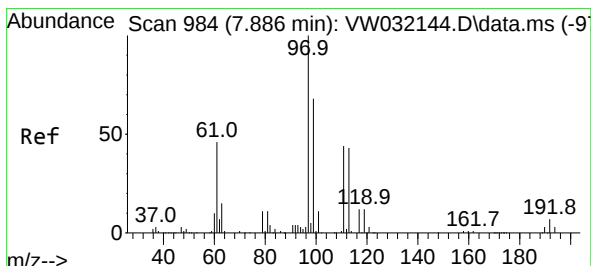
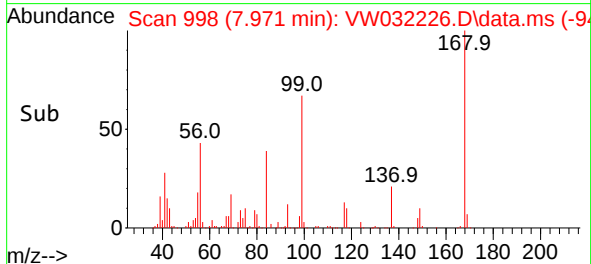
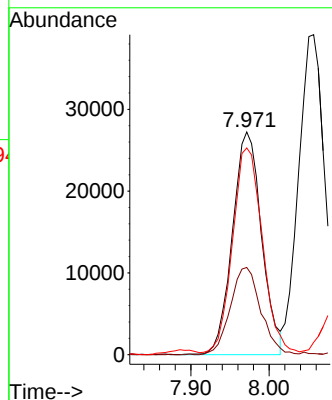
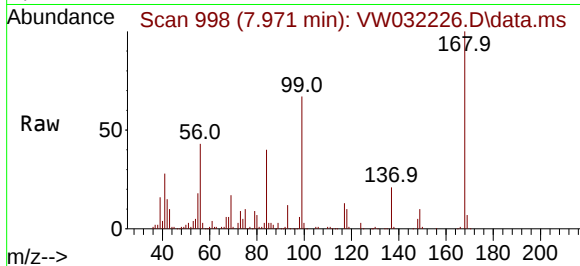




#31
Cyclohexane
Concen: 22.617 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

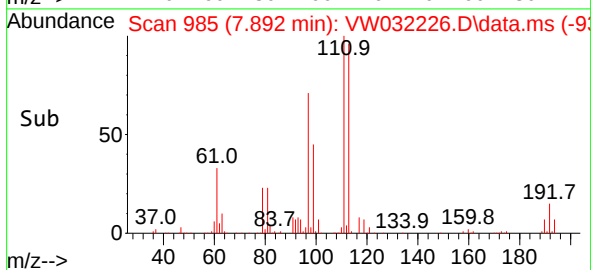
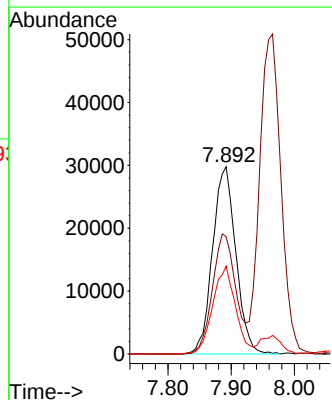
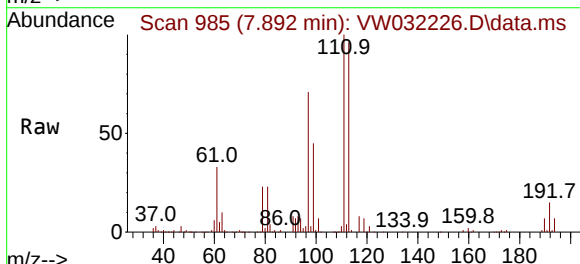
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

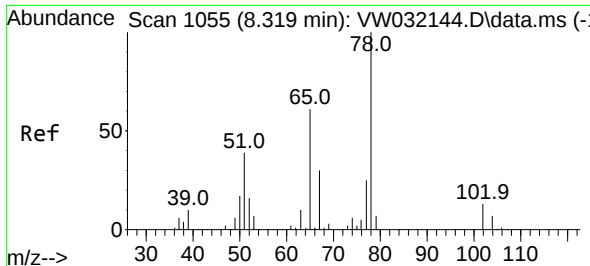
Tgt Ion: 56 Resp: 70330
Ion Ratio Lower Upper
56 100
69 39.2 27.7 41.5
84 90.6 74.6 112.0



#32
1,1,1-Trichloroethane
Concen: 24.070 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 97 Resp: 76005
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 46.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 55.114 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

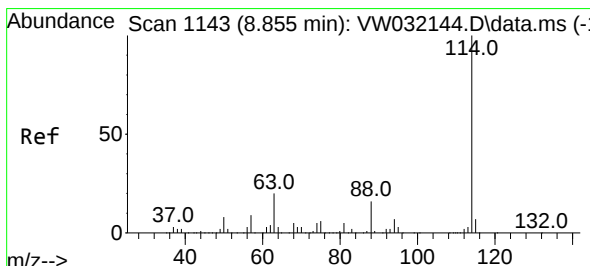
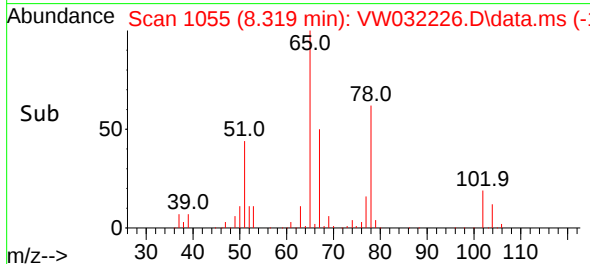
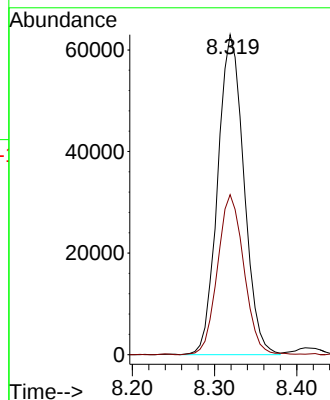
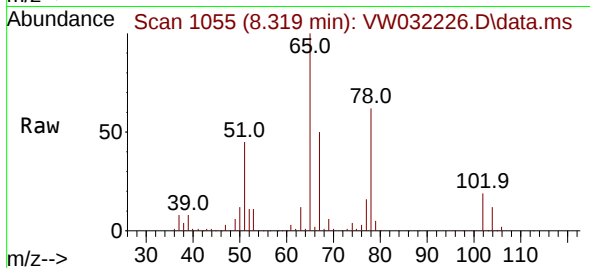
VW0922SBS01

Tgt Ion: 65 Resp: 139607

Ion Ratio Lower Upper

65 100

67 50.2 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: VW032226.D

Acq: 22 Sep 2025 11:35

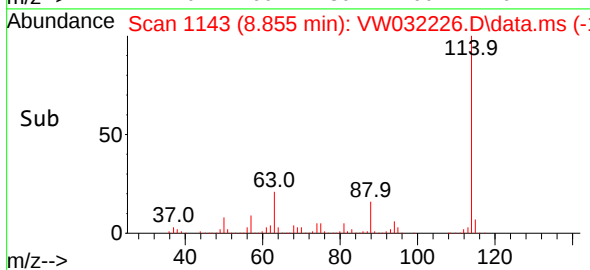
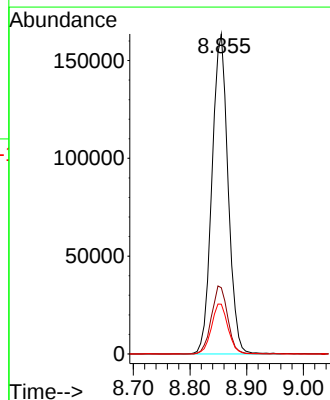
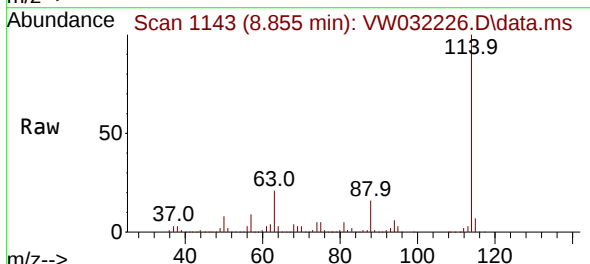
Tgt Ion: 114 Resp: 322196

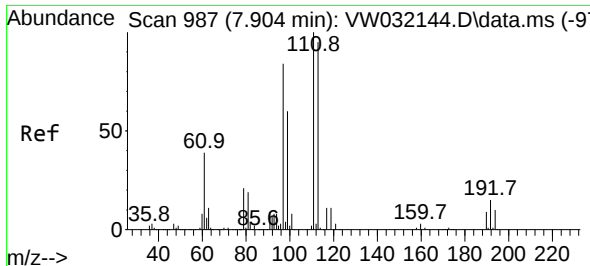
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

88 15.5 0.0 32.0

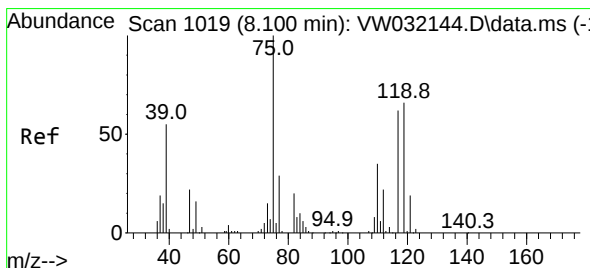
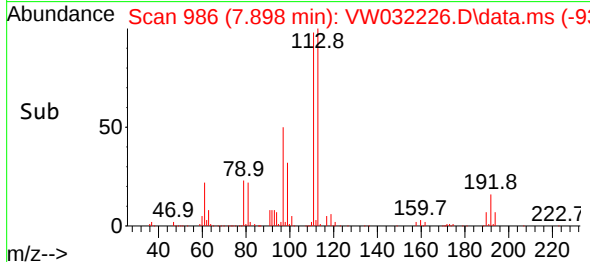
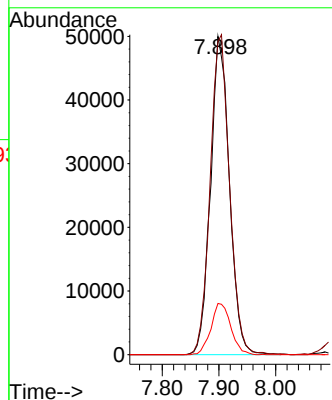
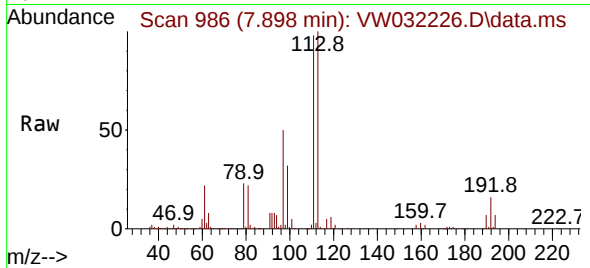




#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

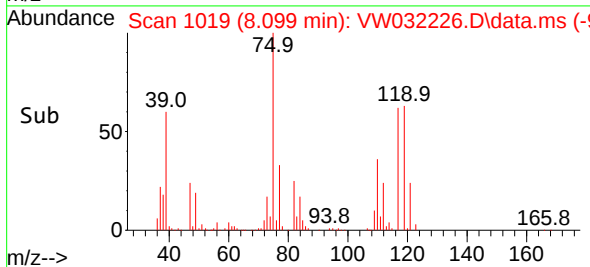
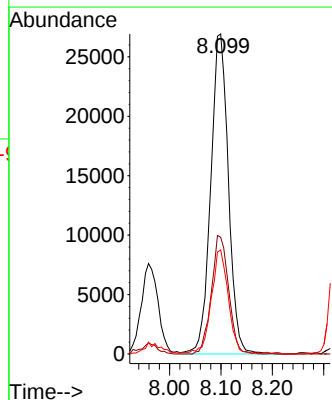
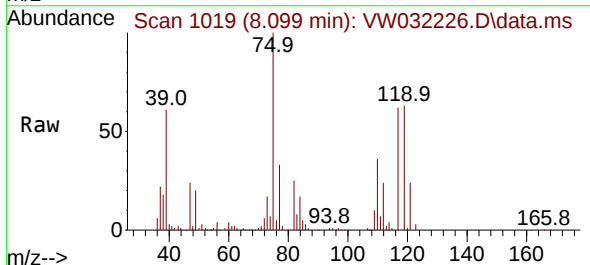
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

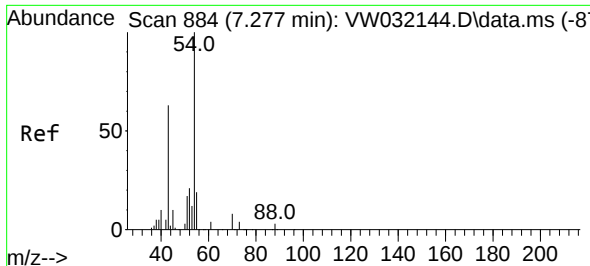
Tgt Ion:113 Resp: 115821
Ion Ratio Lower Upper
113 100
111 103.2 83.9 125.9
192 16.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 21.976 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 75 Resp: 64409
Ion Ratio Lower Upper
75 100
110 36.0 17.5 52.5
77 31.4 24.1 36.1





#37

Ethyl Acetate

Concen: 23.397 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

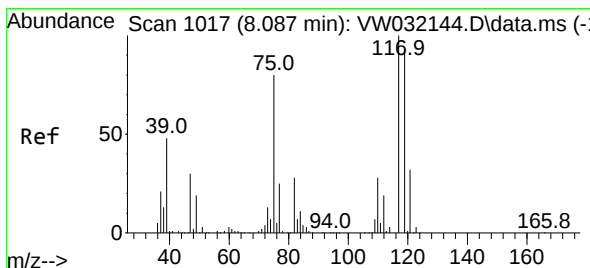
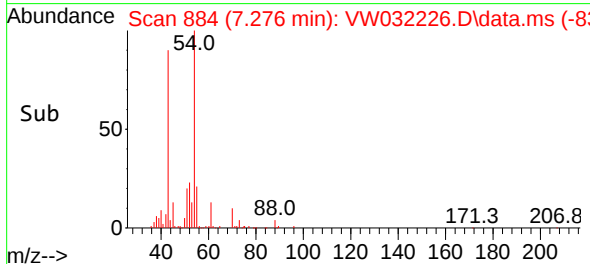
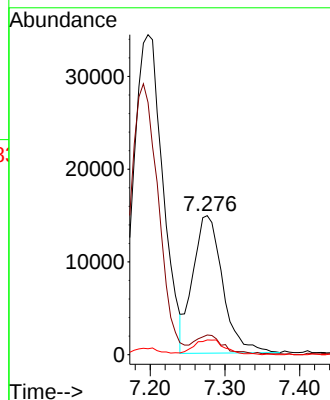
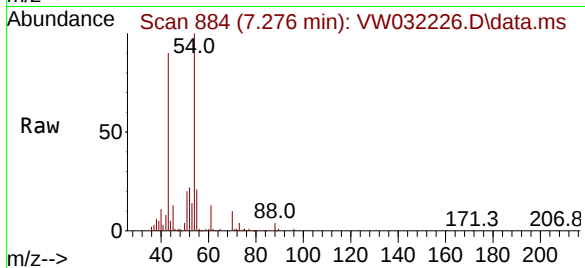
Tgt Ion: 43 Resp: 41137

Ion Ratio Lower Upper

43 100

61 13.6 11.3 16.9

70 11.1 8.9 13.3



#38

Carbon Tetrachloride

Concen: 22.122 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

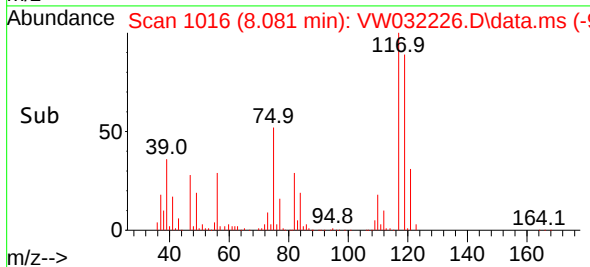
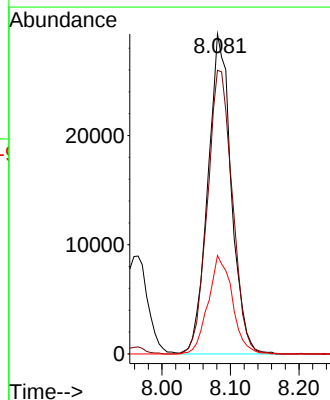
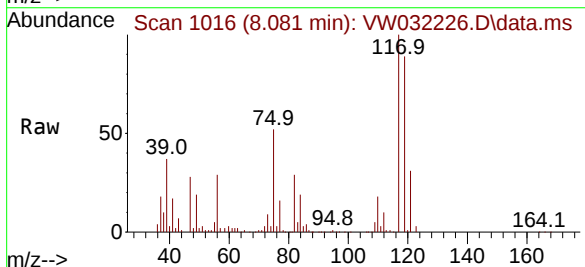
Tgt Ion: 117 Resp: 69507

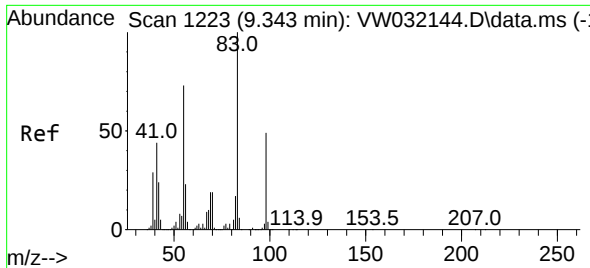
Ion Ratio Lower Upper

117 100

119 88.7 74.2 111.2

121 30.7 25.6 38.4

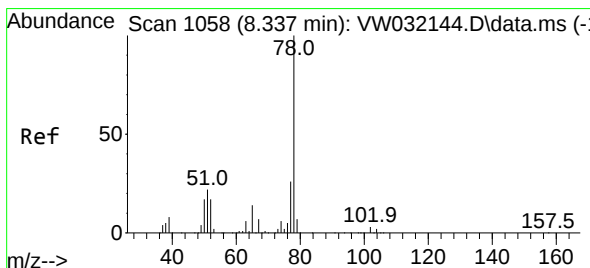
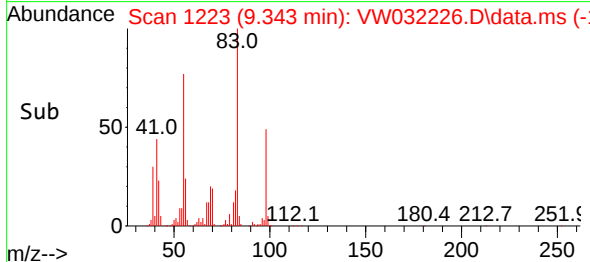
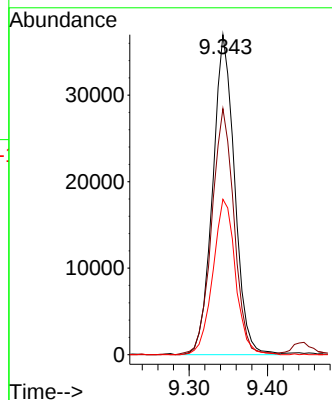
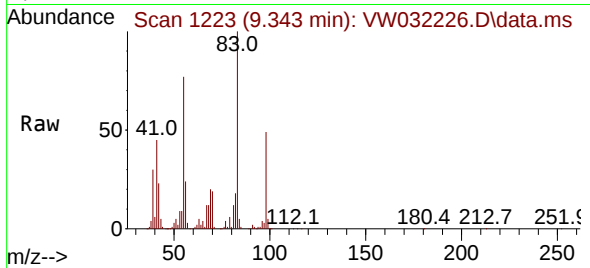




#39
Methylcyclohexane
Concen: 20.740 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

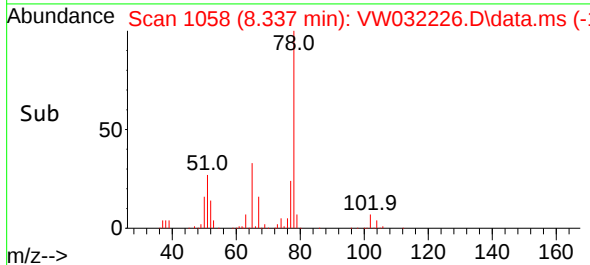
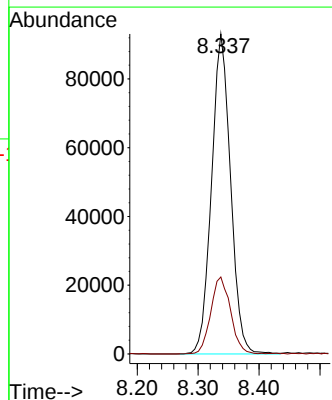
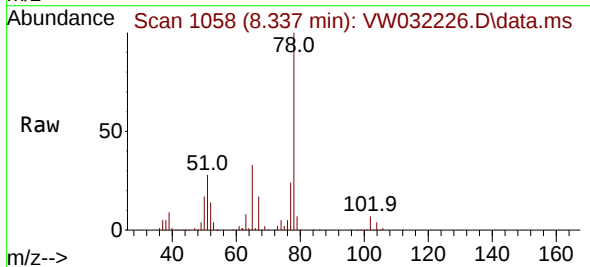
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

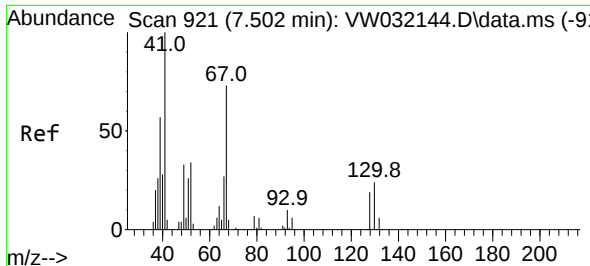
Tgt Ion:	83	Resp:	71999
Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.4	87.6
98	48.6	39.4	59.2



#40
Benzene
Concen: 22.299 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:	78	Resp:	202023
Ion	Ratio	Lower	Upper
78	100		
77	24.0	20.7	31.1

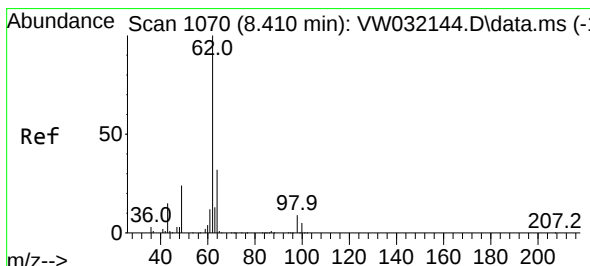
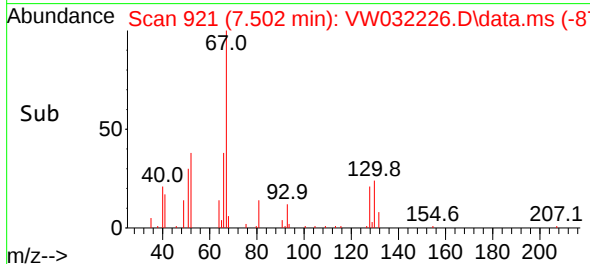
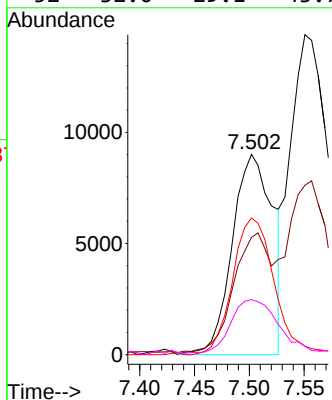
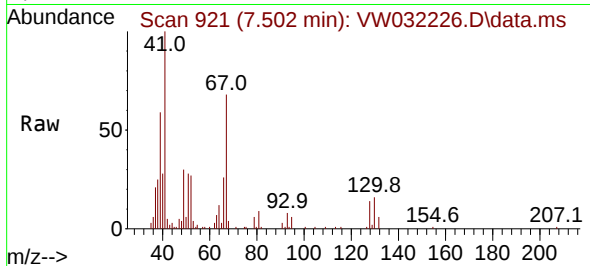




#41
Methacrylonitrile
Concen: 23.797 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

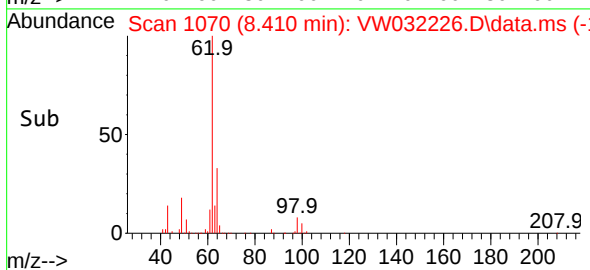
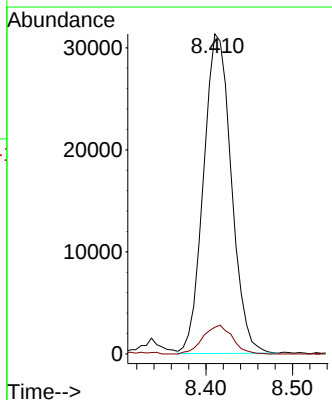
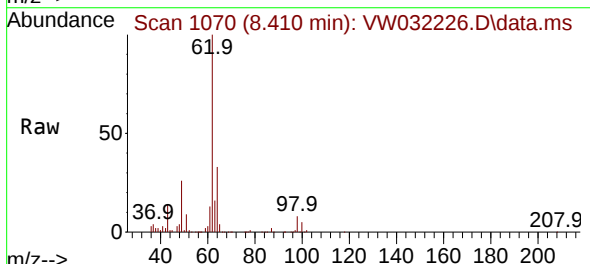
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

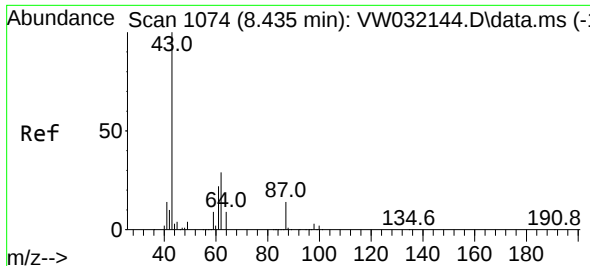
Tgt Ion: 41	Resp: 23246
Ion Ratio	Lower Upper
41 100	
39 52.5	50.9 76.3
67 70.8	65.6 98.4
52 32.0	29.1 43.7



#42
1,2-Dichloroethane
Concen: 22.263 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 62	Resp: 69921
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.0

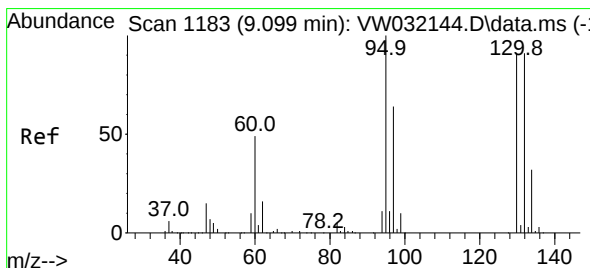
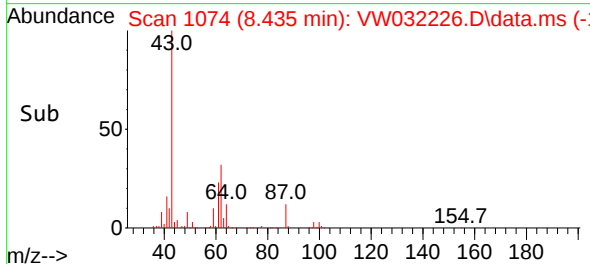
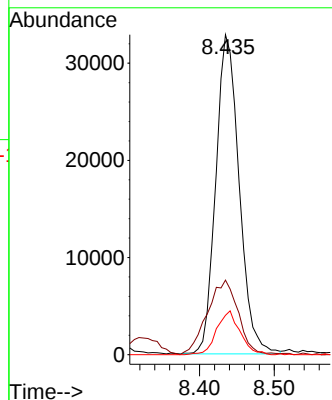
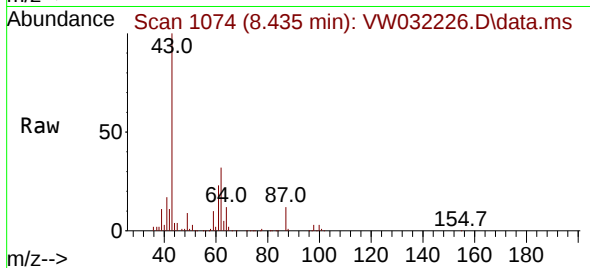




#43
Isopropyl Acetate
Concen: 21.691 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

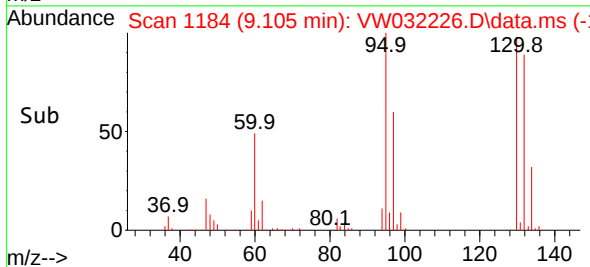
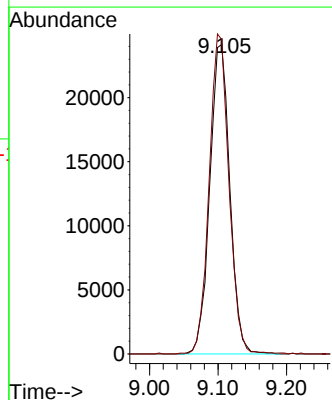
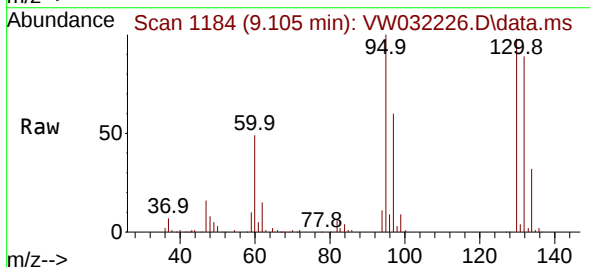
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

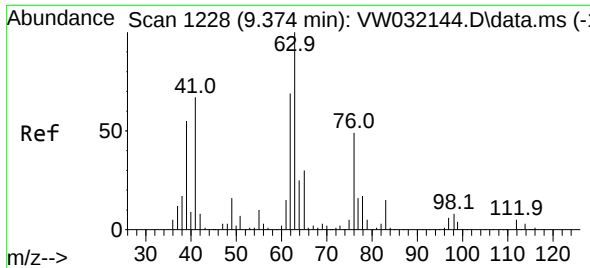
Tgt Ion: 43 Resp: 71546
Ion Ratio Lower Upper
43 100
61 31.0 23.3 34.9
87 13.7 11.1 16.7



#44
Trichloroethene
Concen: 21.555 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:130 Resp: 49110
Ion Ratio Lower Upper
130 100
95 101.4 0.0 220.0

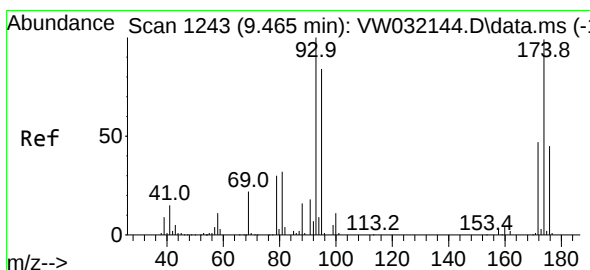
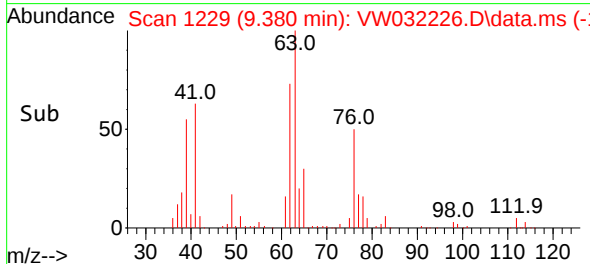
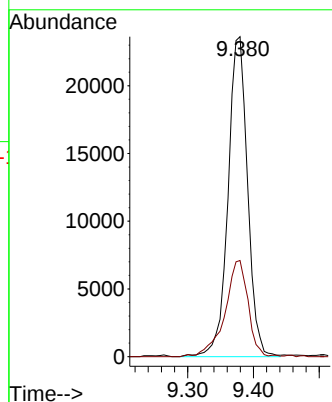
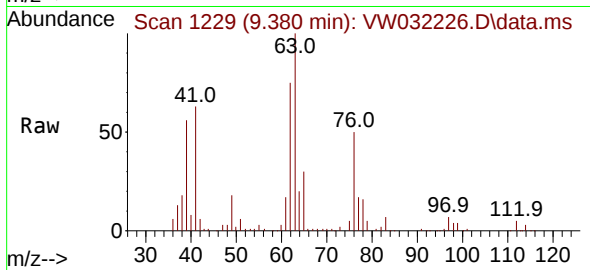




#45
1,2-Dichloropropane
Concen: 22.351 ug/l
RT: 9.380 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

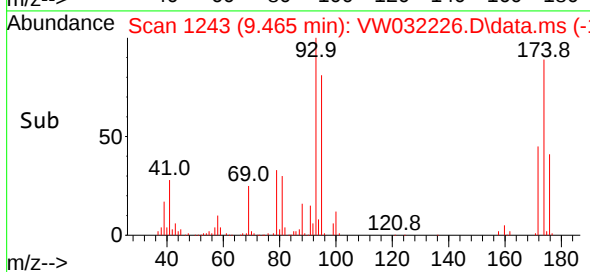
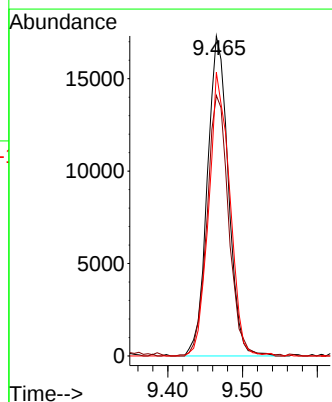
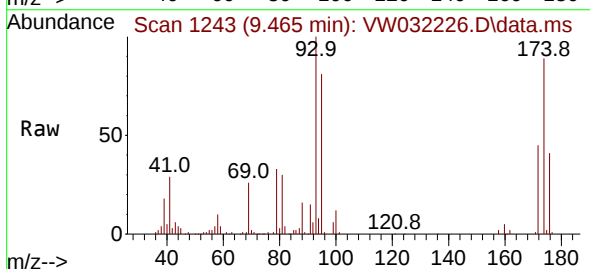
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

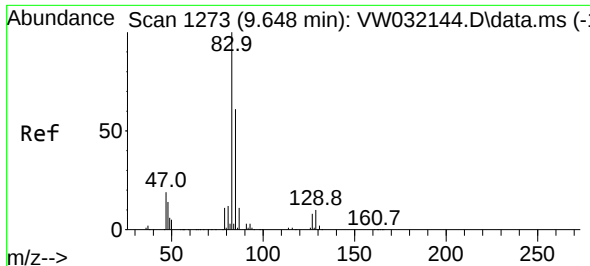
Tgt Ion: 63 Resp: 48815
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5



#46
Dibromomethane
Concen: 22.083 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 93 Resp: 33827
Ion Ratio Lower Upper
93 100
95 84.1 67.4 101.2
174 88.7 75.7 113.5

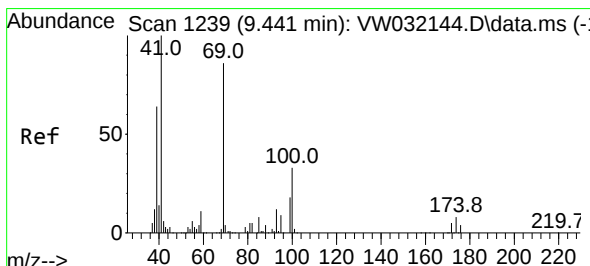
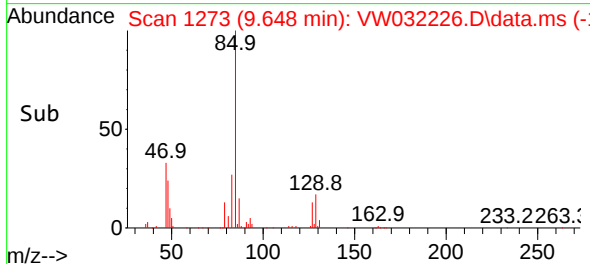
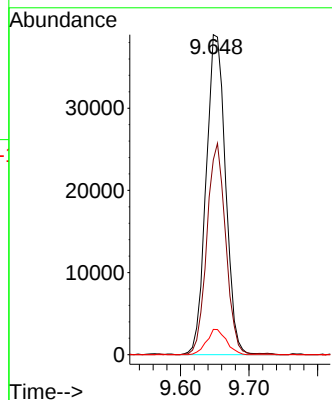
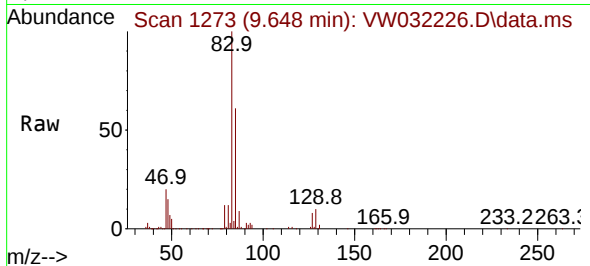




#47
Bromodichloromethane
Concen: 22.113 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

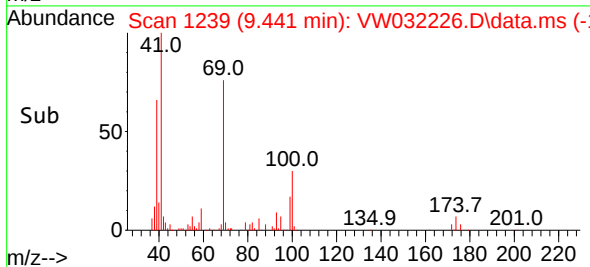
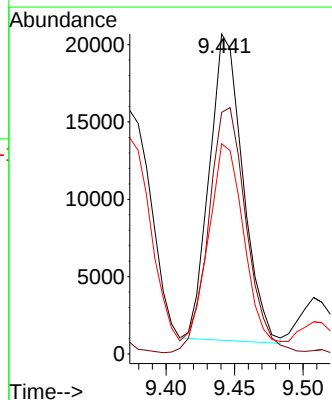
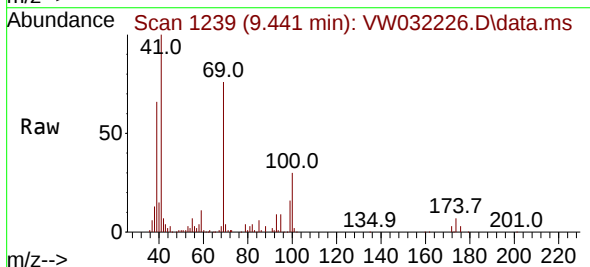
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

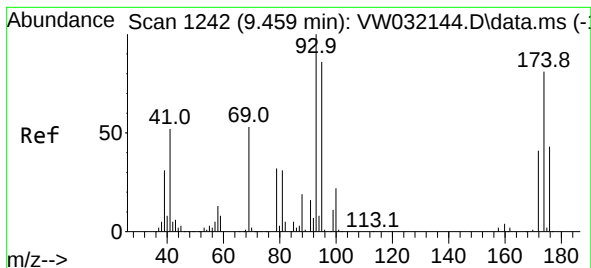
Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	48.7	73.1
127	7.9	6.4	9.6



#48
Methyl methacrylate
Concen: 22.205 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.7	71.5	107.3
39	67.5	55.9	83.9





#49

1,4-Dioxane

Concen: 444.021 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

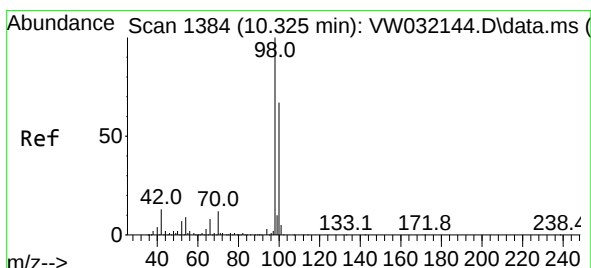
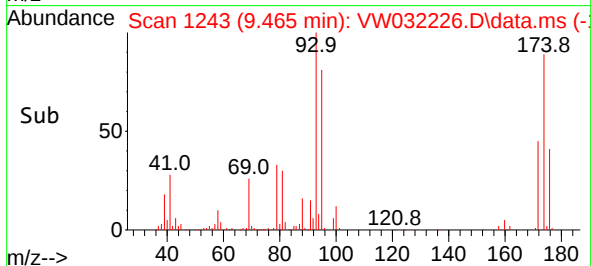
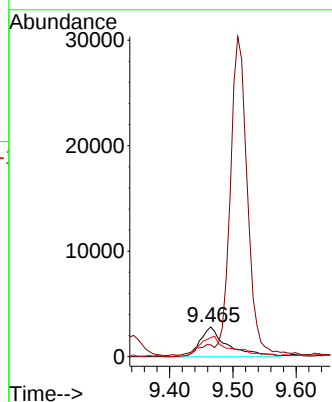
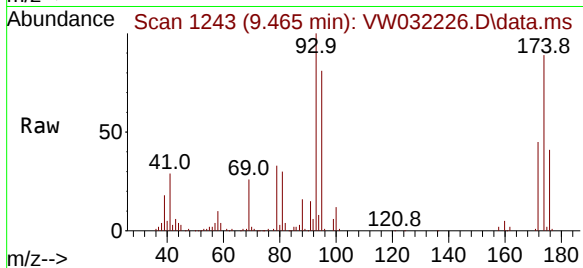
Tgt Ion: 88 Resp: 8218

Ion Ratio Lower Upper

88 100

43 0.0 18.0 27.0#

58 80.5 55.4 83.0



#50

Toluene-d8

Concen: 50.565 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032226.D

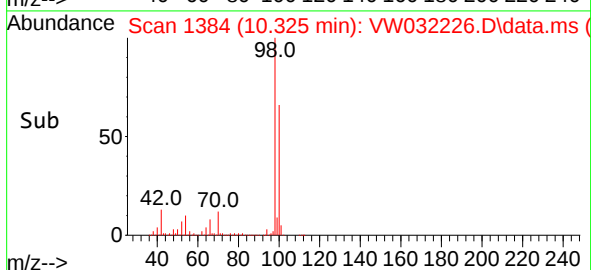
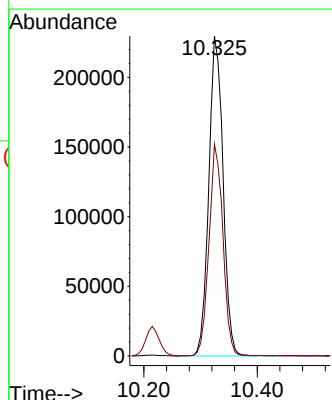
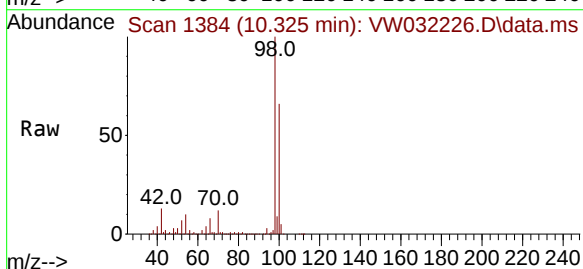
Acq: 22 Sep 2025 11:35

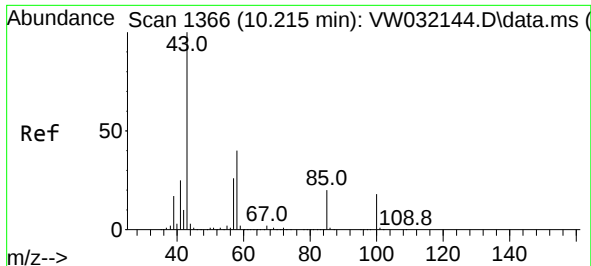
Tgt Ion: 98 Resp: 401258

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2

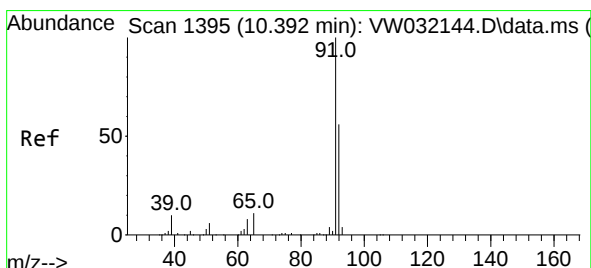
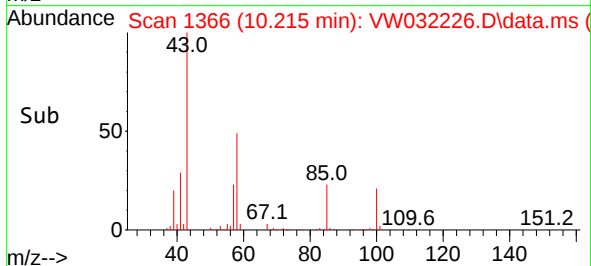
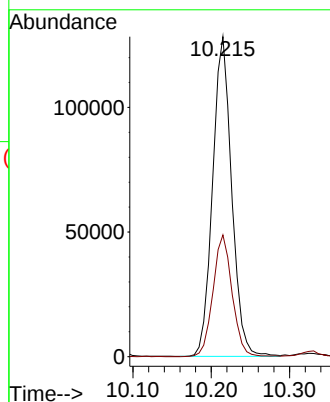
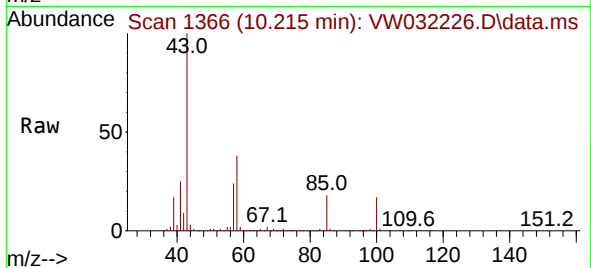




#51
4-Methyl-2-Pentanone
Concen: 116.471 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

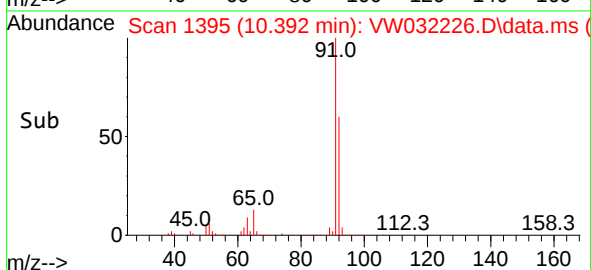
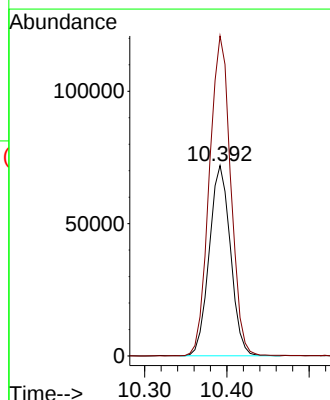
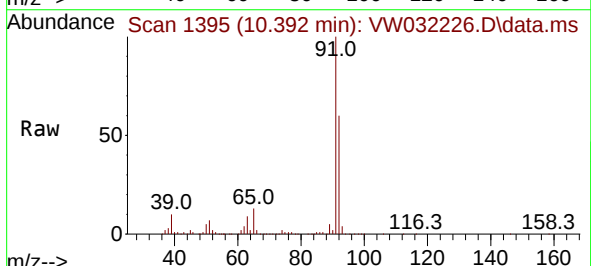
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

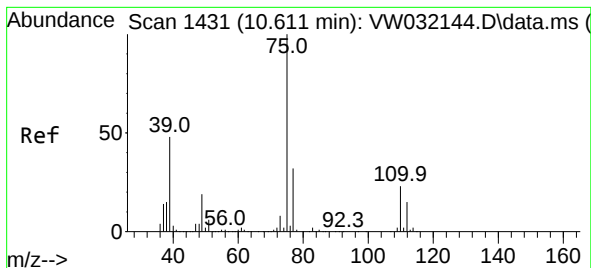
Tgt Ion: 43 Resp: 216926
Ion Ratio Lower Upper
43 100
58 38.3 32.0 48.0



#52
Toluene
Concen: 21.684 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 92 Resp: 128377
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3

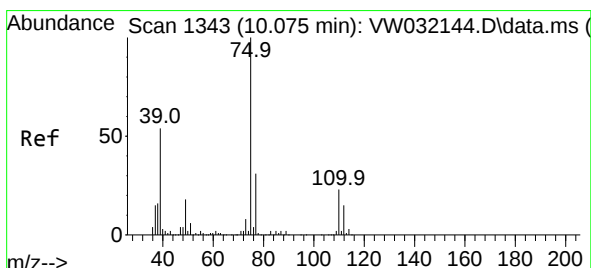
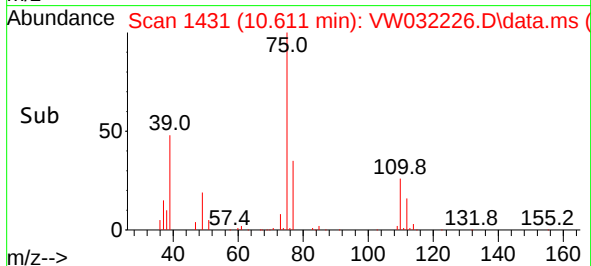
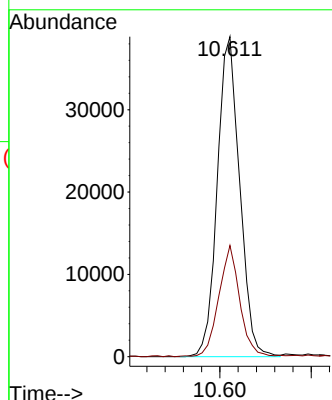
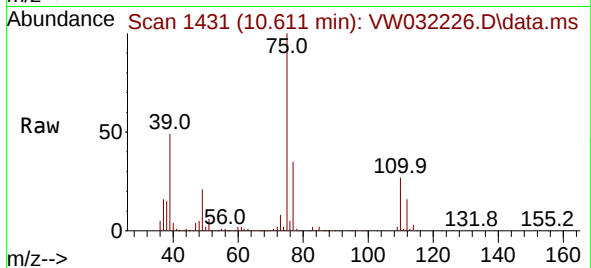




#53
t-1,3-Dichloropropene
Concen: 21.542 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

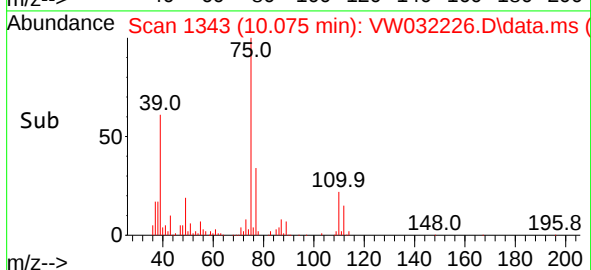
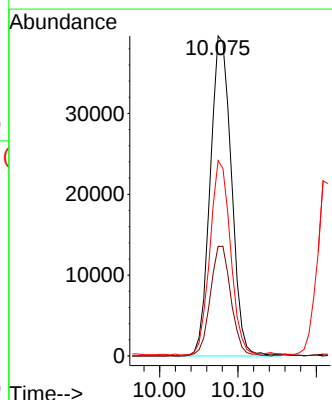
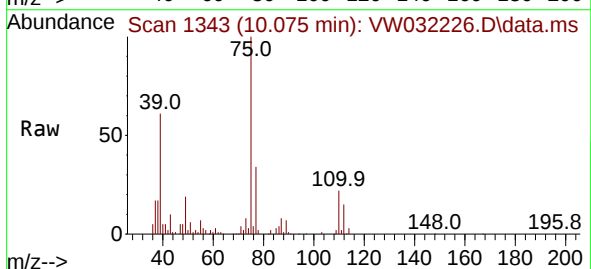
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

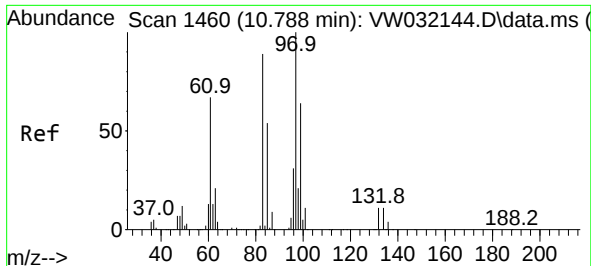
Tgt Ion: 75 Resp: 66154
Ion Ratio Lower Upper
75 100
77 34.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.240 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 75 Resp: 74425
Ion Ratio Lower Upper
75 100
77 34.2 25.1 37.7
39 60.8 43.2 64.8

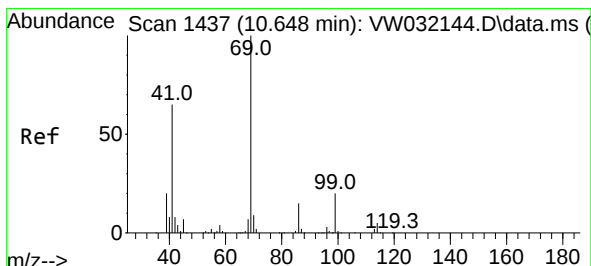
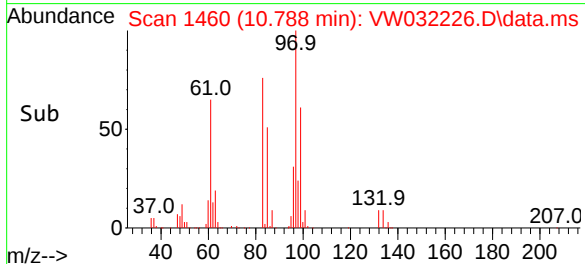
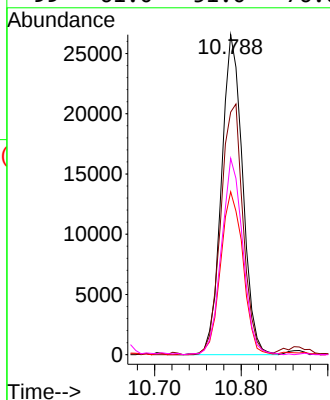
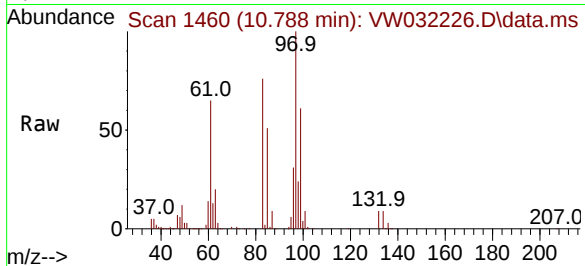




#55
1,1,2-Trichloroethane
Concen: 22.653 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

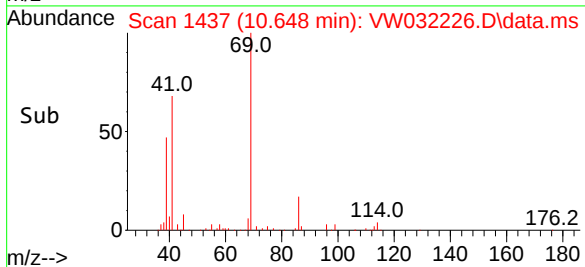
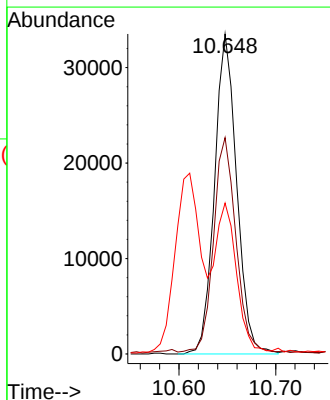
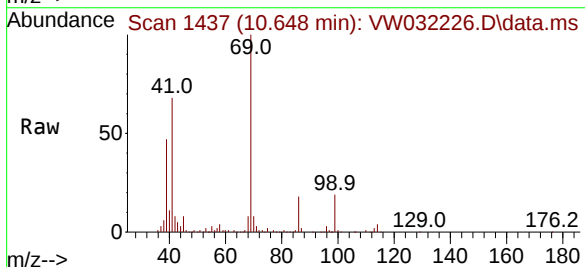
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

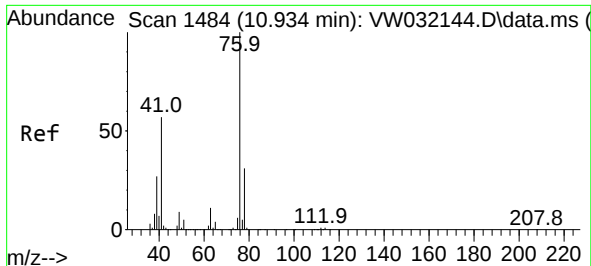
Tgt Ion:	97	Resp:	45123
Ion	Ratio	Lower	Upper
97	100		
83	75.3	71.0	106.6
85	50.9	42.8	64.2
99	61.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 20.945 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:	69	Resp:	53338
Ion	Ratio	Lower	Upper
69	100		
41	67.3	53.2	79.8
39	44.3	32.9	49.3

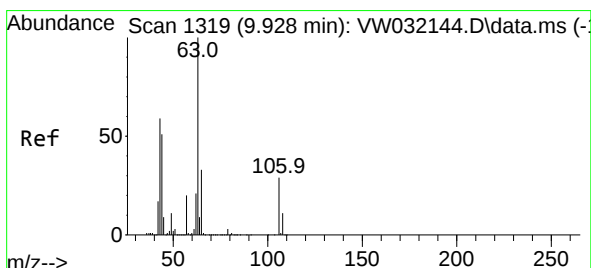
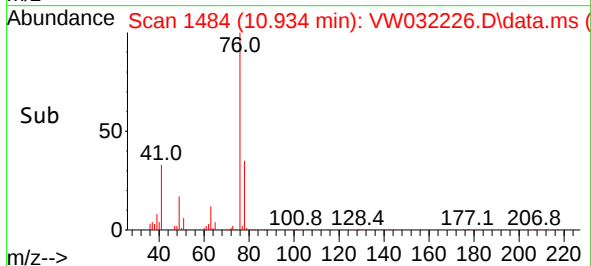
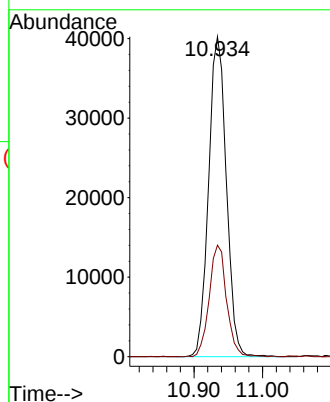
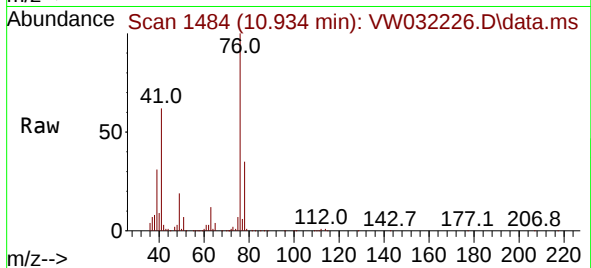




#57
1,3-Dichloropropane
Concen: 21.697 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

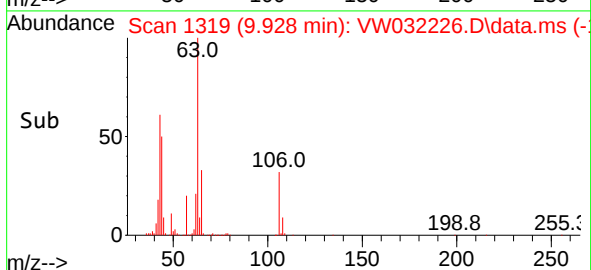
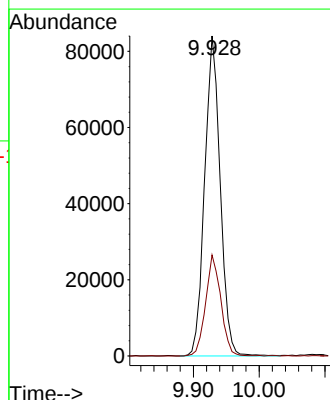
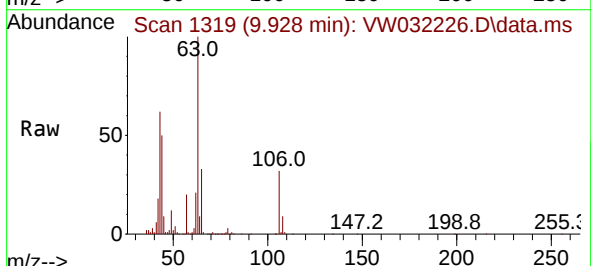
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

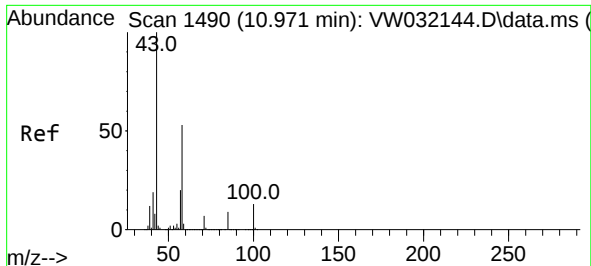
Tgt Ion: 76 Resp: 72368
Ion Ratio Lower Upper
76 100
78 34.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 101.739 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 63 Resp: 138292
Ion Ratio Lower Upper
63 100
106 30.9 24.3 36.5

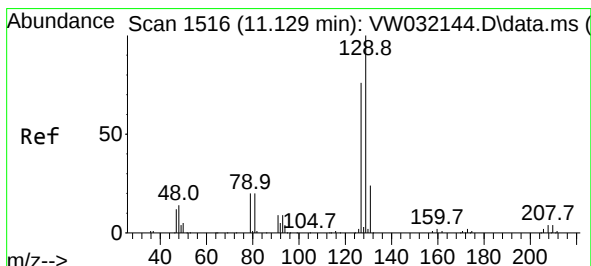
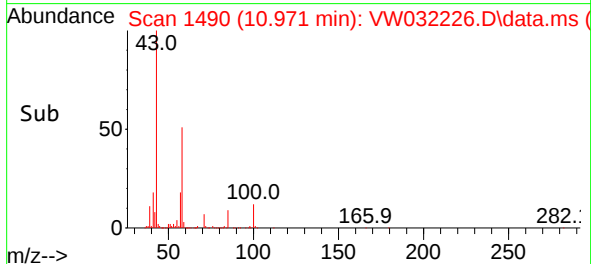
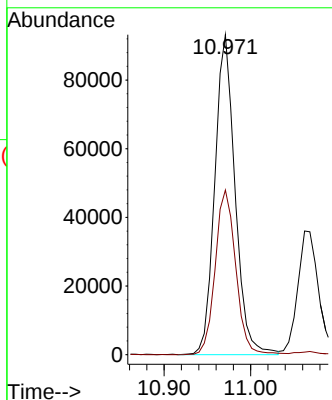
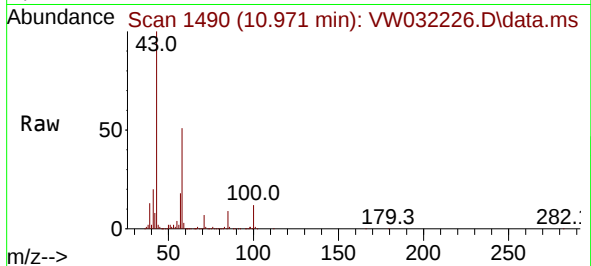




#59
2-Hexanone
Concen: 116.934 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

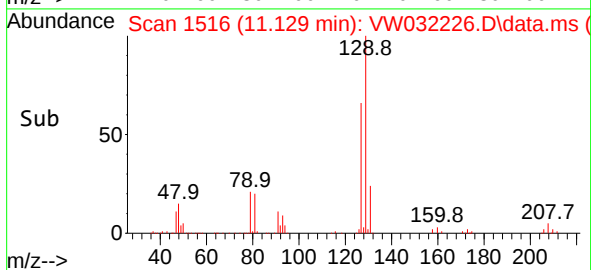
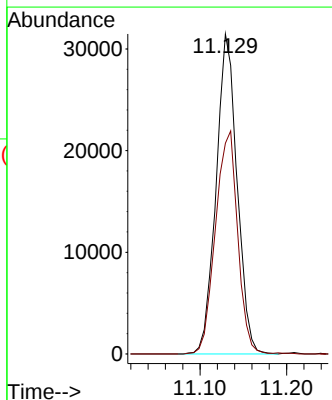
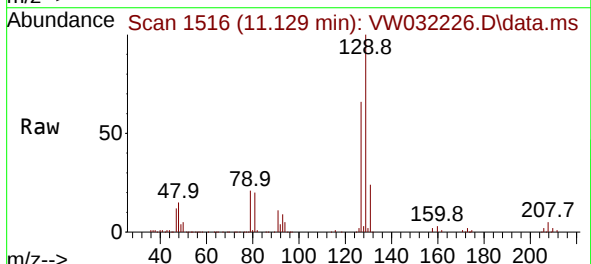
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

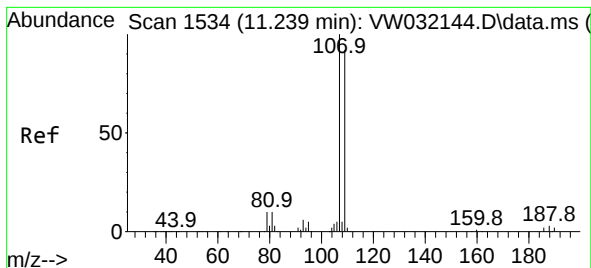
Tgt Ion: 43 Resp: 151466
Ion Ratio Lower Upper
43 100
58 52.2 27.5 82.4



#60
Dibromochloromethane
Concen: 22.013 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 129 Resp: 53060
Ion Ratio Lower Upper
129 100
127 73.5 38.1 114.5

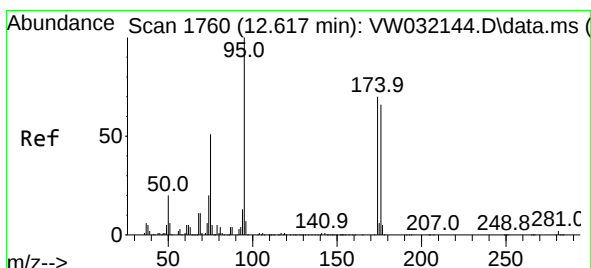
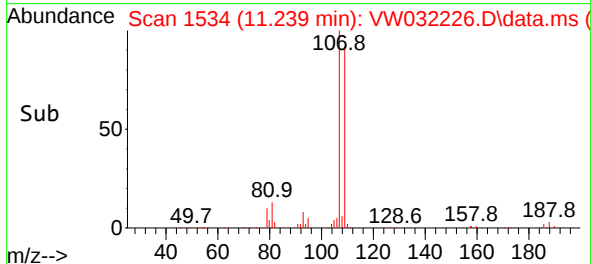
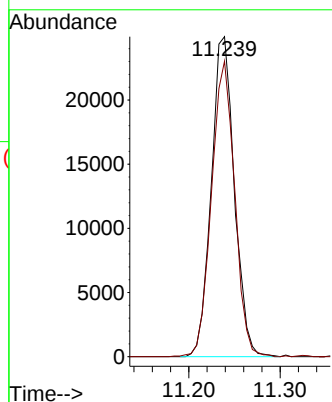
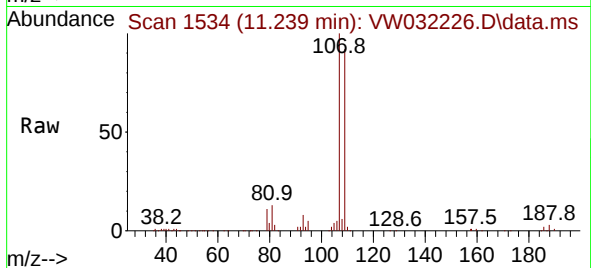




#61
1,2-Dibromoethane
Concen: 22.292 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

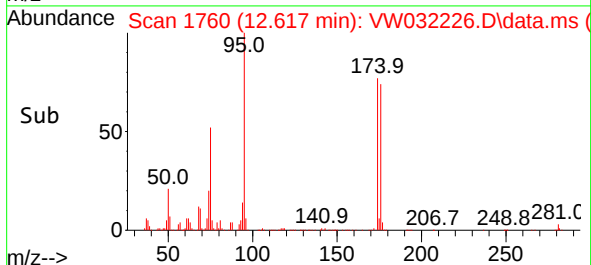
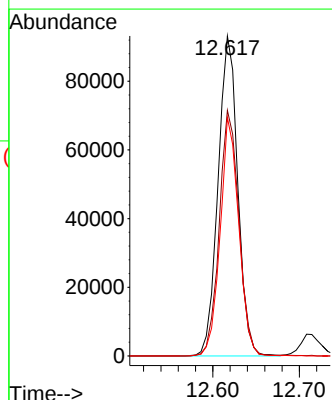
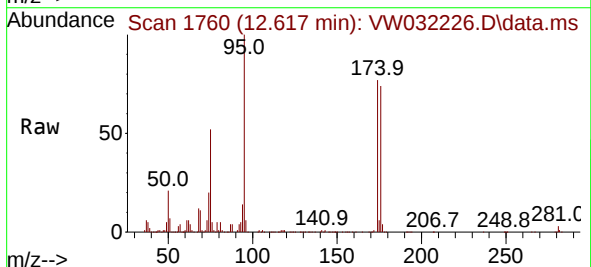
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

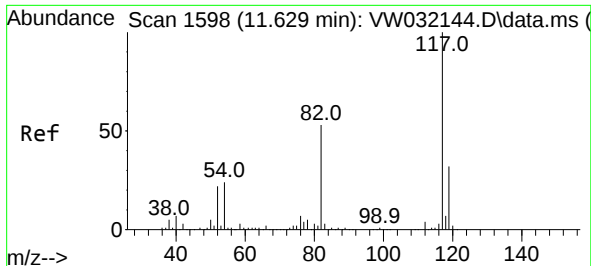
Tgt Ion:107 Resp: 43667
Ion Ratio Lower Upper
107 100
109 92.7 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 95 Resp: 146944
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.6
176 70.5 0.0 140.8

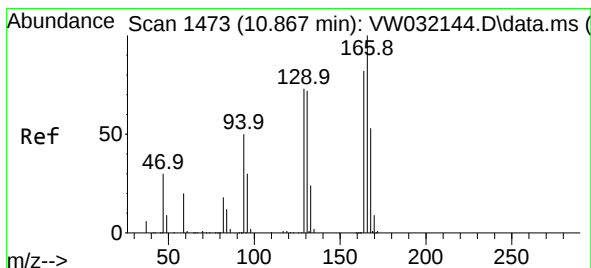
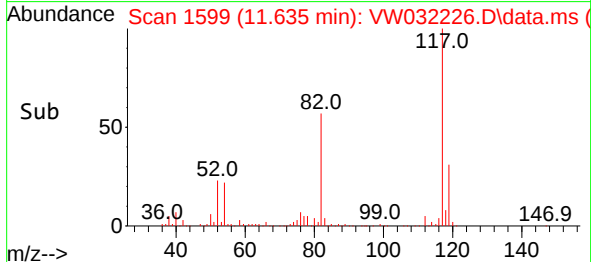
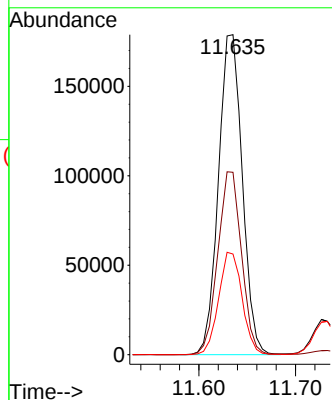
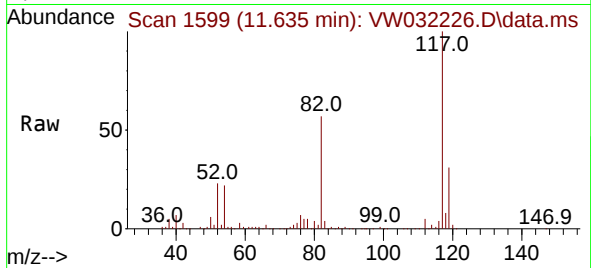




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

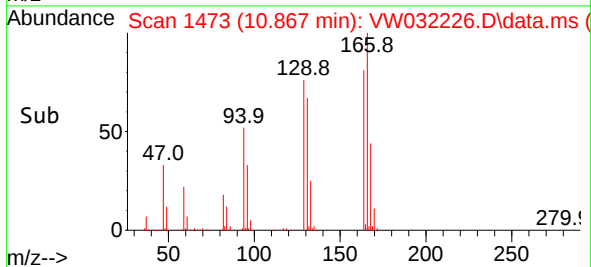
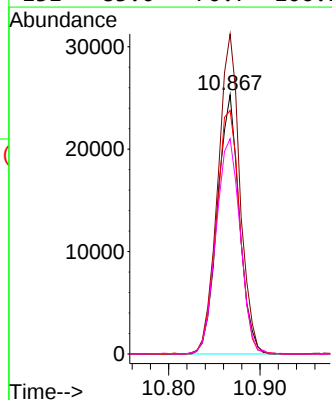
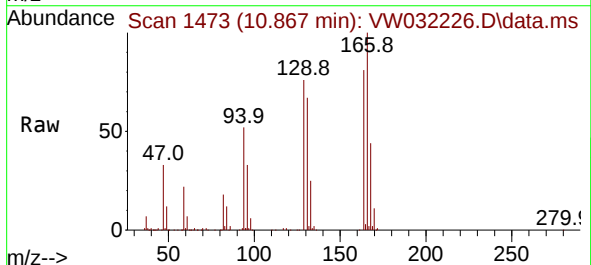
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

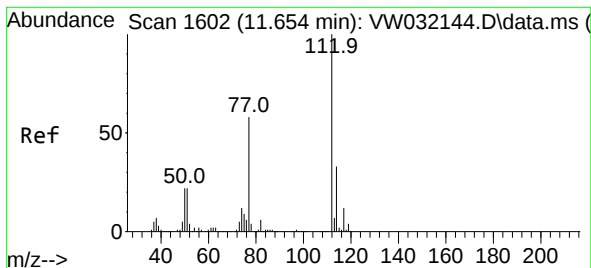
Tgt Ion:117 Resp: 306484
Ion Ratio Lower Upper
117 100
82 57.0 42.7 64.1
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 20.946 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:164 Resp: 42251
Ion Ratio Lower Upper
164 100
166 123.5 97.5 146.3
129 94.0 71.2 106.8
131 83.0 70.7 106.1





#65

Chlorobenzene

Concen: 20.885 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

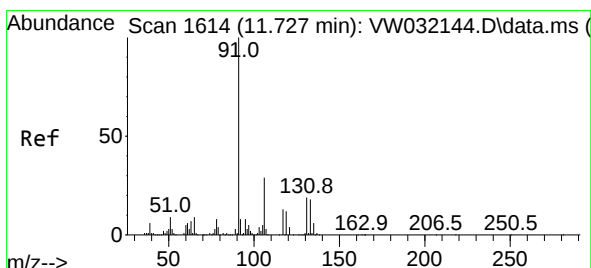
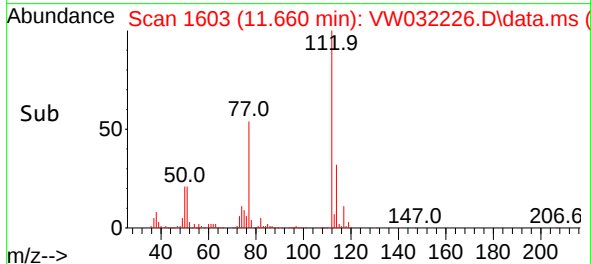
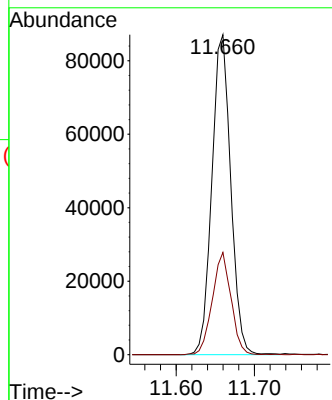
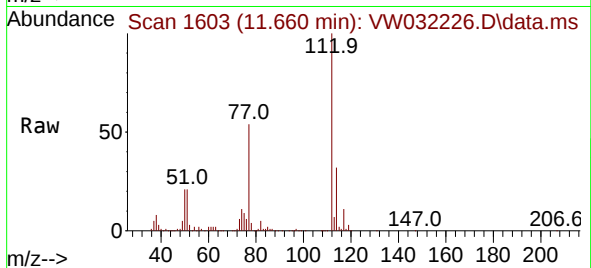
VW0922SBSD01

Tgt Ion:112 Resp: 145691

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 21.183 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

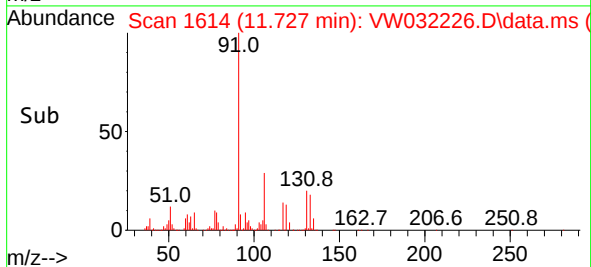
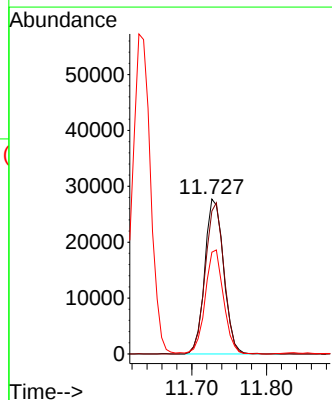
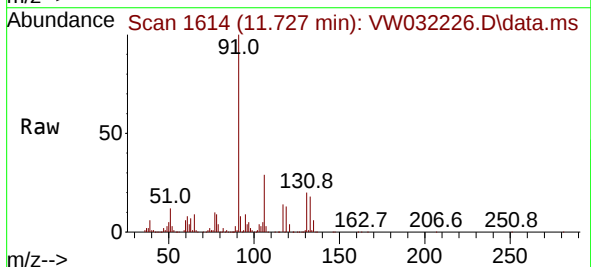
Tgt Ion:131 Resp: 48651

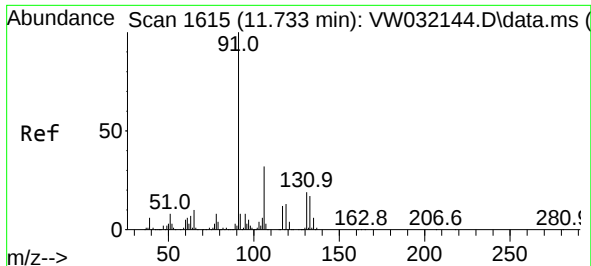
Ion Ratio Lower Upper

131 100

133 96.4 47.7 143.1

119 65.3 32.8 98.3





#67

Ethyl Benzene

Concen: 20.930 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

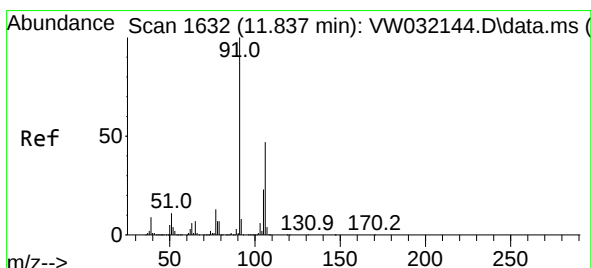
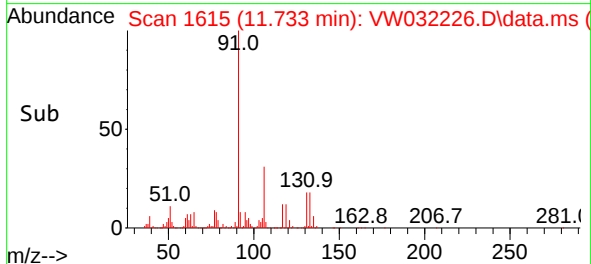
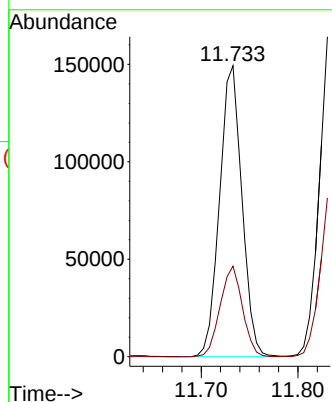
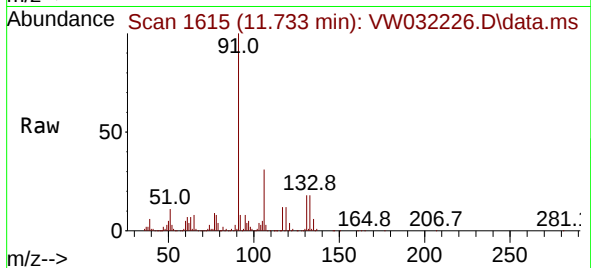
VW0922SBSD01

Tgt Ion: 91 Resp: 239230

Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



#68

m/p-Xylenes

Concen: 41.906 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032226.D

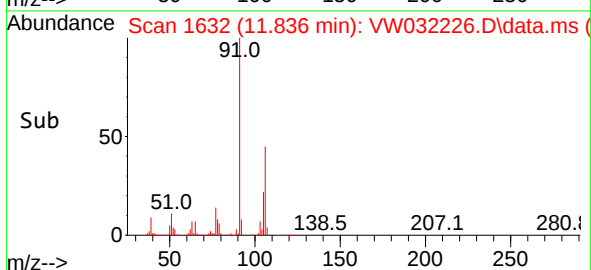
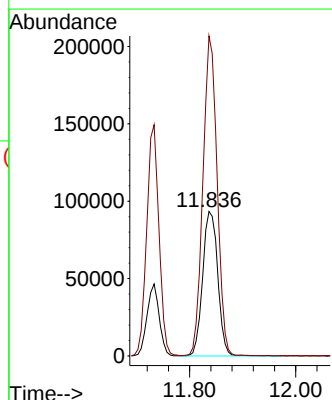
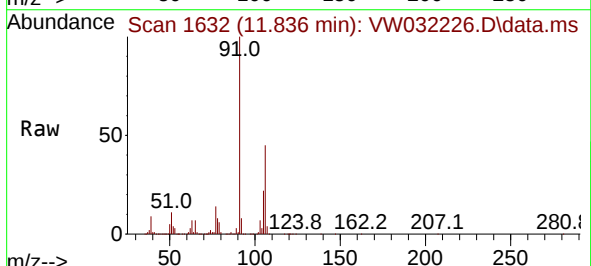
Acq: 22 Sep 2025 11:35

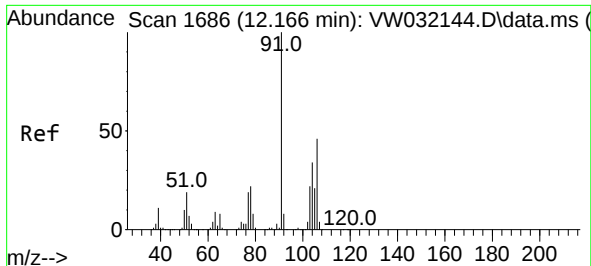
Tgt Ion:106 Resp: 184338

Ion Ratio Lower Upper

106 100

91 208.3 164.2 246.2

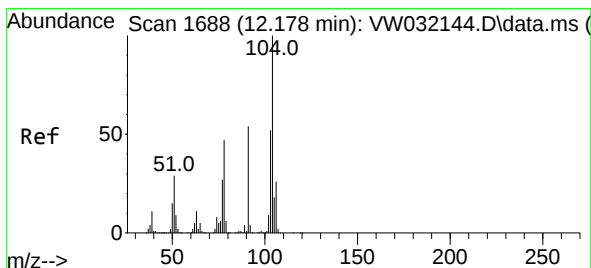
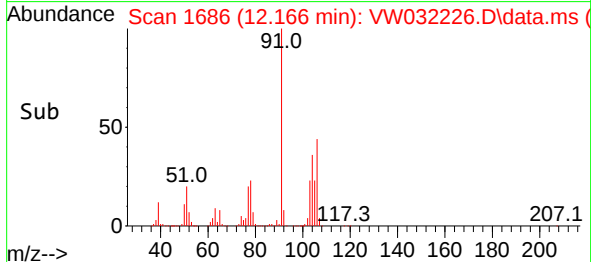
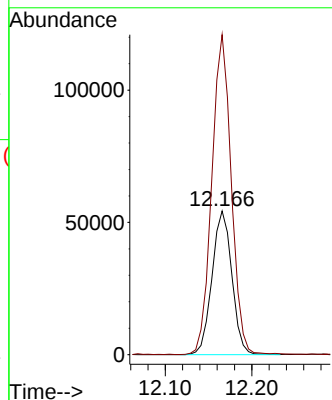
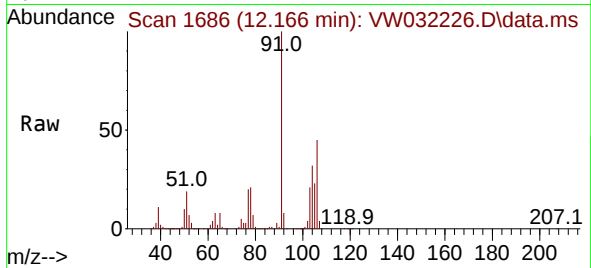




#69
o-Xylene
Concen: 20.785 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

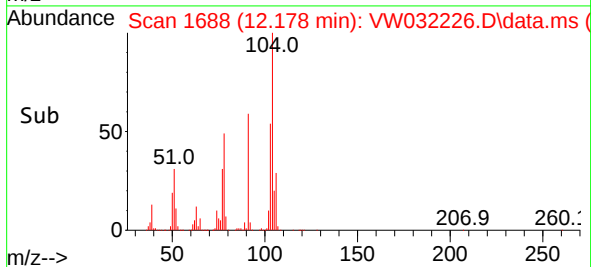
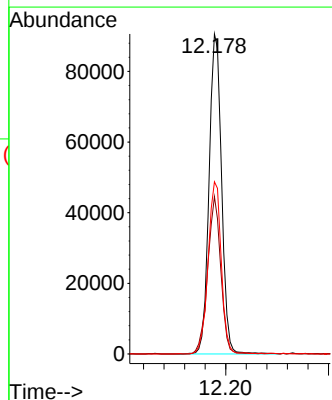
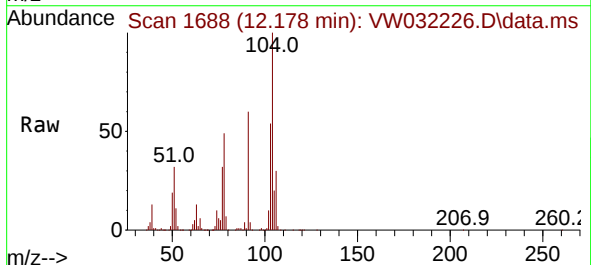
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

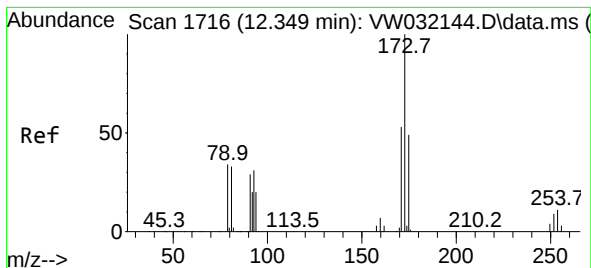
Tgt Ion:106 Resp: 86485
Ion Ratio Lower Upper
106 100
91 218.6 108.7 326.3



#70
Styrene
Concen: 20.840 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:104 Resp: 152860
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 56.4 44.8 67.2





#71

Bromoform

Concen: 20.755 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

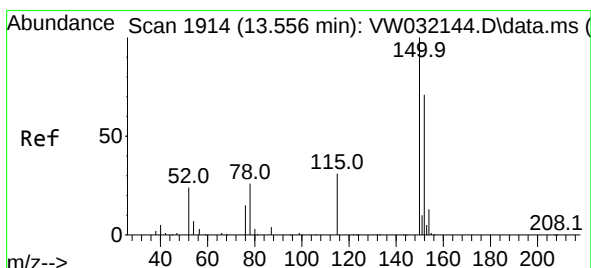
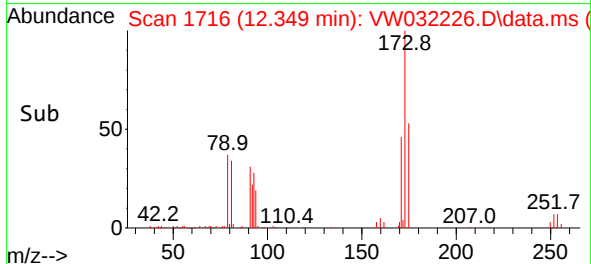
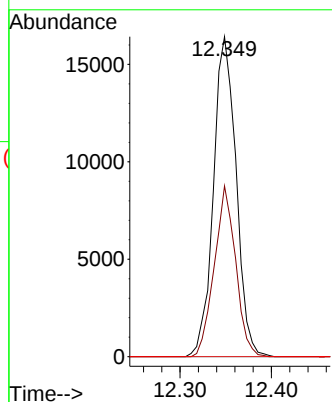
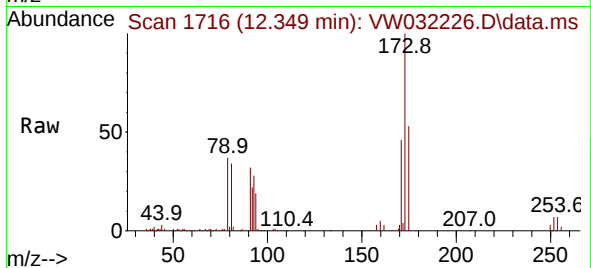
Tgt Ion:173 Resp: 28312

Ion Ratio Lower Upper

173 100

175 50.3 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: VW032226.D

Acq: 22 Sep 2025 11:35

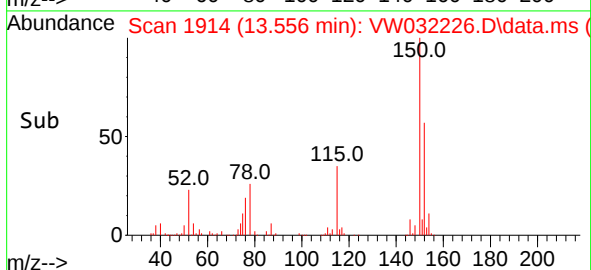
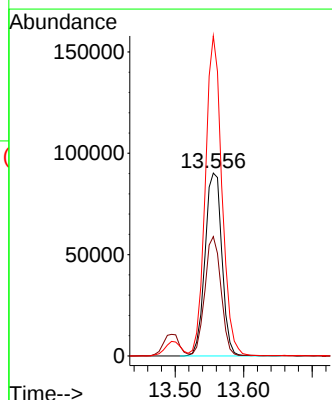
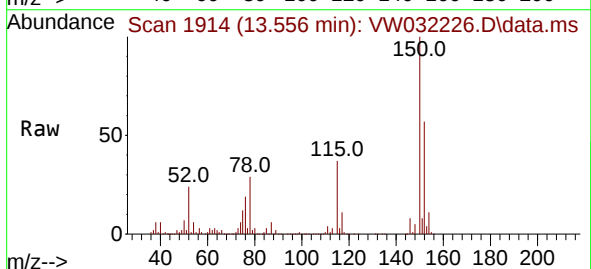
Tgt Ion:152 Resp: 154747

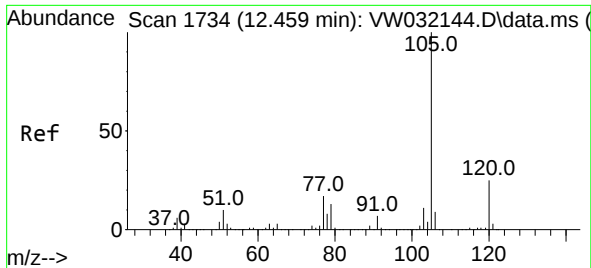
Ion Ratio Lower Upper

152 100

115 62.5 31.8 95.4

150 171.6 0.0 343.0

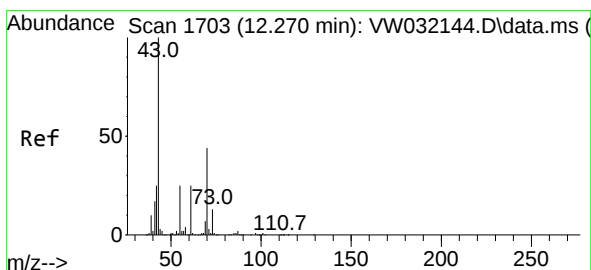
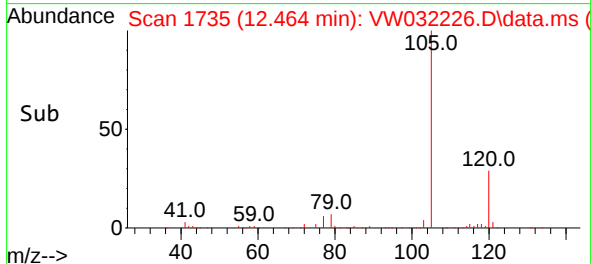
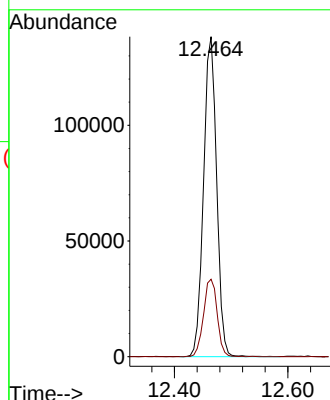
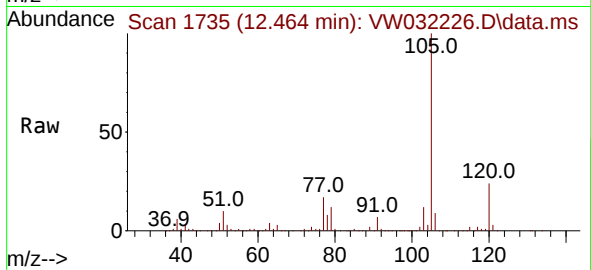




#73
Isopropylbenzene
Concen: 21.026 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

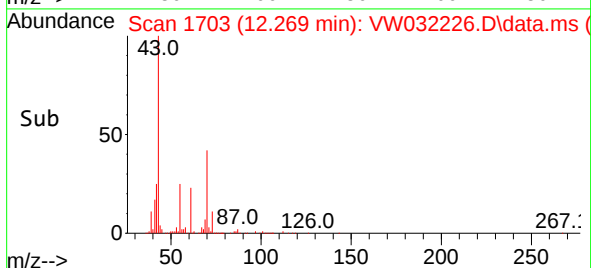
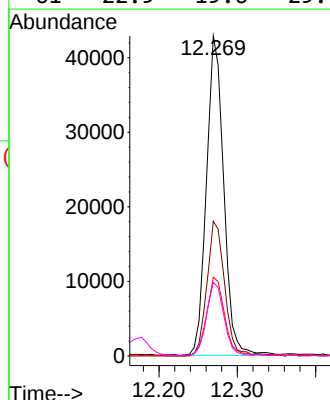
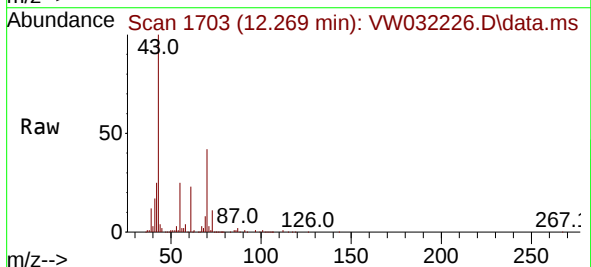
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

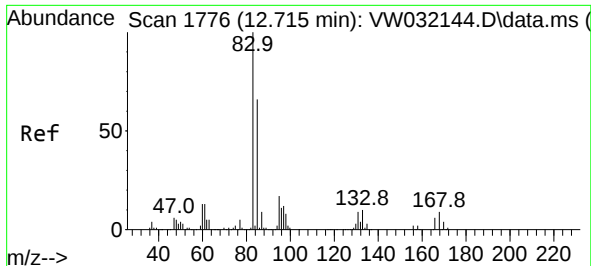
Tgt Ion:105 Resp: 221051
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9



#74
N-ethyl acetate
Concen: 21.568 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 43 Resp: 65832
Ion Ratio Lower Upper
43 100
70 43.4 35.3 52.9
55 25.7 19.9 29.9
61 22.9 19.6 29.4

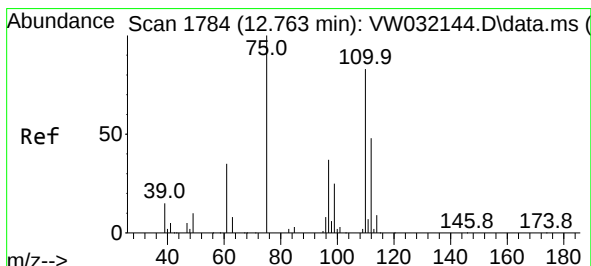
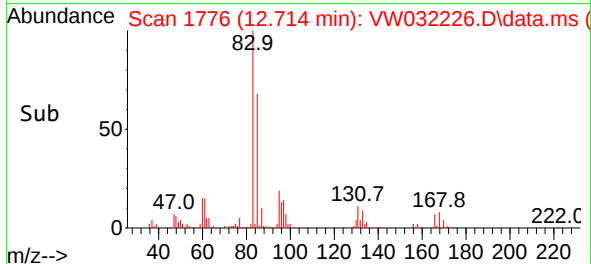
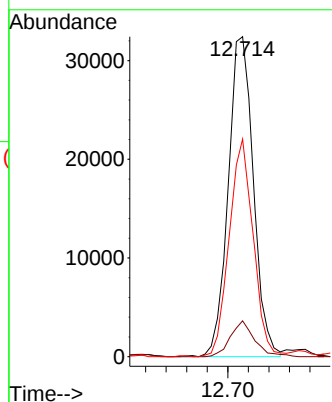
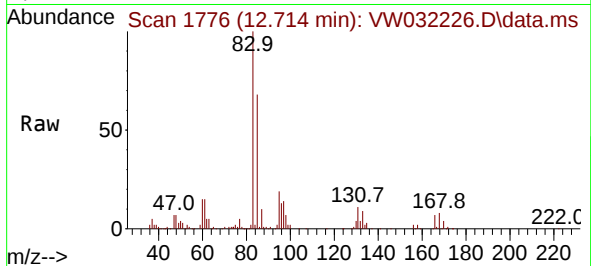




#75
1,1,2,2-Tetrachloroethane
Concen: 22.100 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

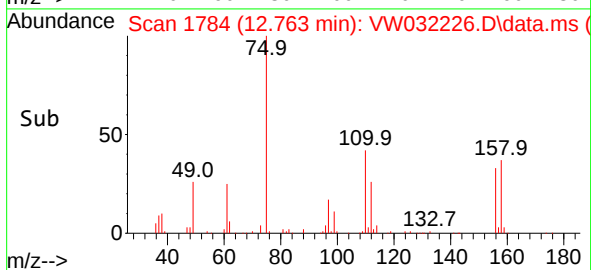
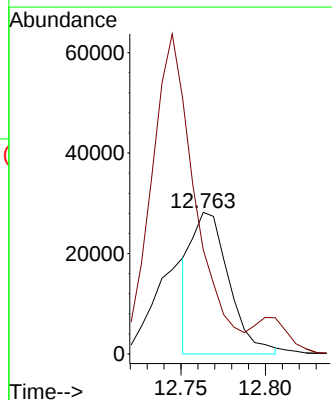
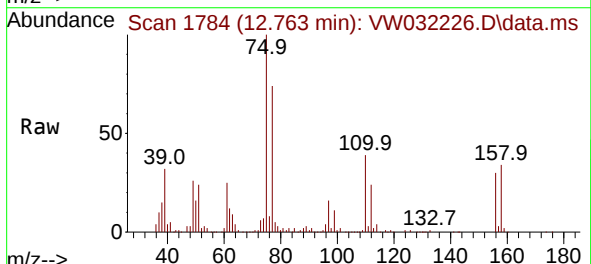
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

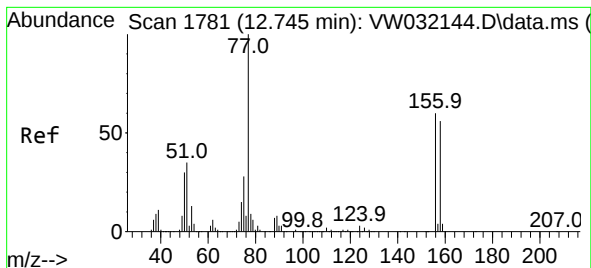
Tgt Ion: 83 Resp: 55214
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 22.373 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 75 Resp: 43374
Ion Ratio Lower Upper
75 100
77 266.3 141.7 425.1





#77

Bromobenzene

Concen: 21.025 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

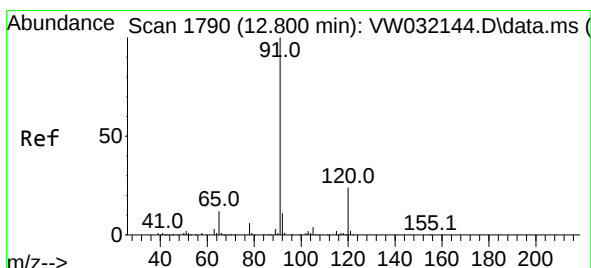
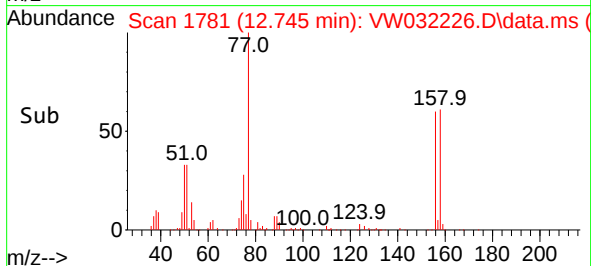
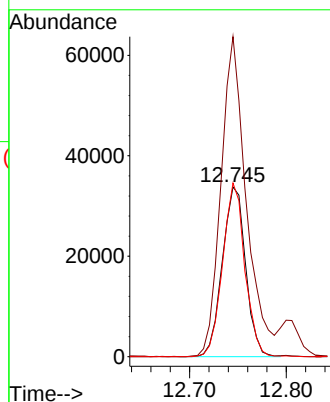
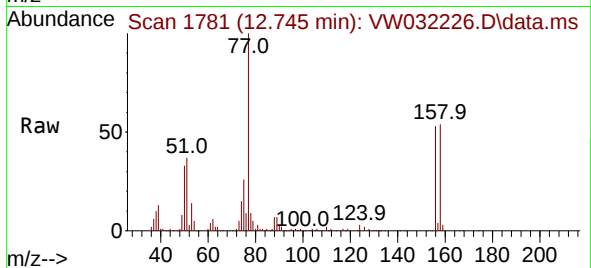
Tgt Ion:156 Resp: 56367

Ion Ratio Lower Upper

156 100

77 204.9 98.6 295.7

158 97.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.626 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032226.D

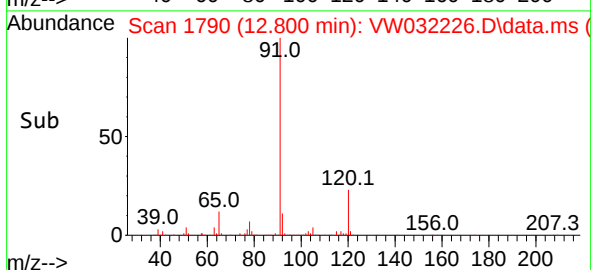
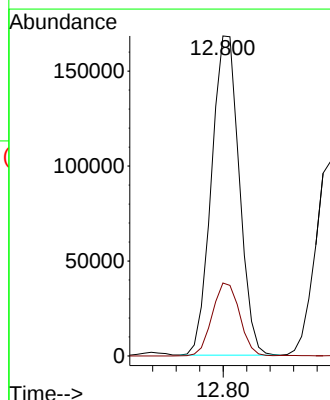
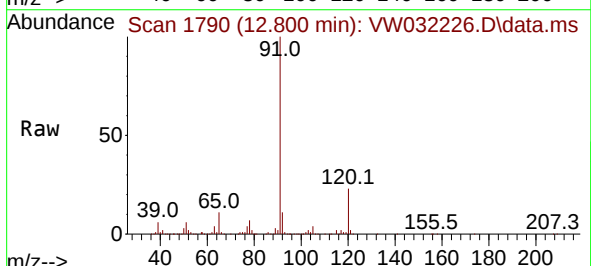
Acq: 22 Sep 2025 11:35

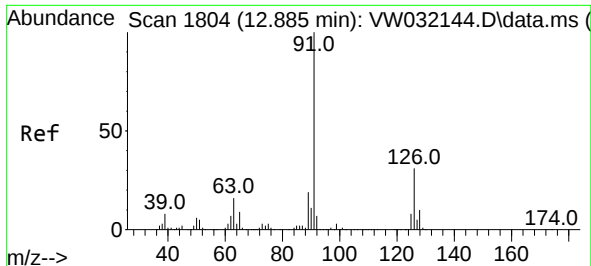
Tgt Ion: 91 Resp: 276019

Ion Ratio Lower Upper

91 100

120 22.6 11.8 35.4





#79

2-Chlorotoluene

Concen: 21.203 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

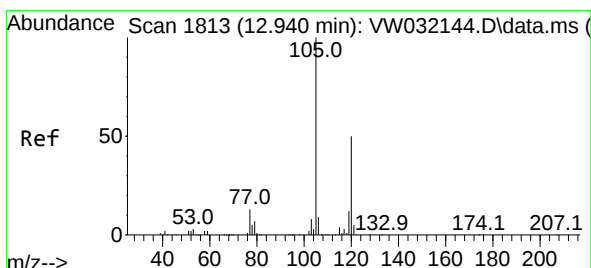
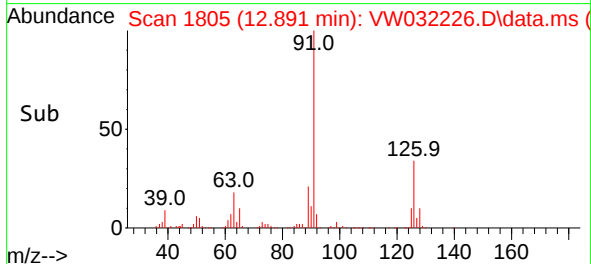
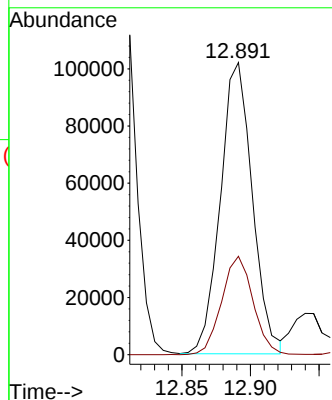
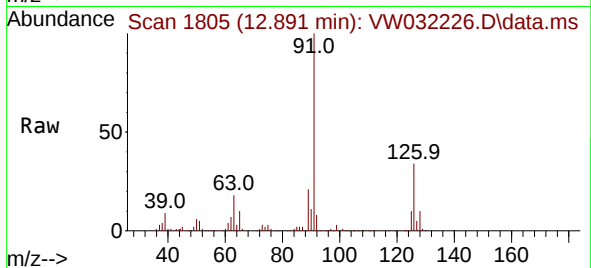
VW0922SBSD01

Tgt Ion: 91 Resp: 165489

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 21.610 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032226.D

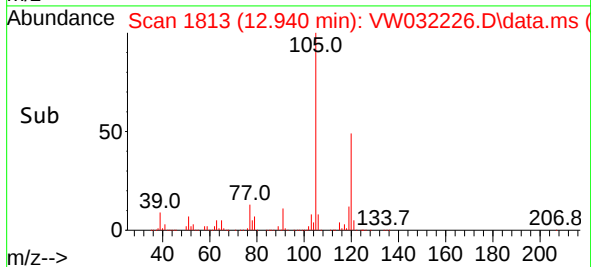
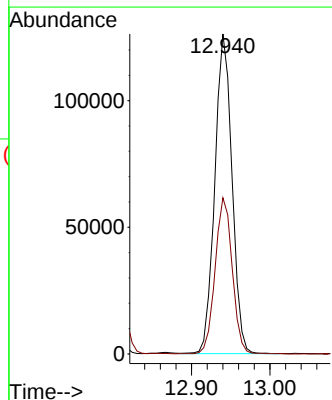
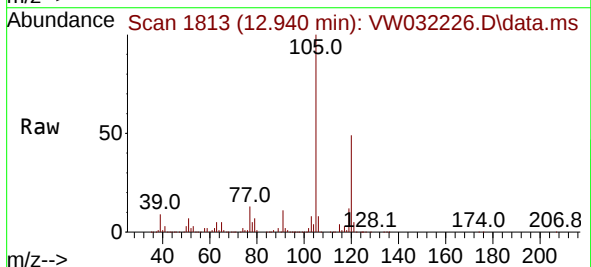
Acq: 22 Sep 2025 11:35

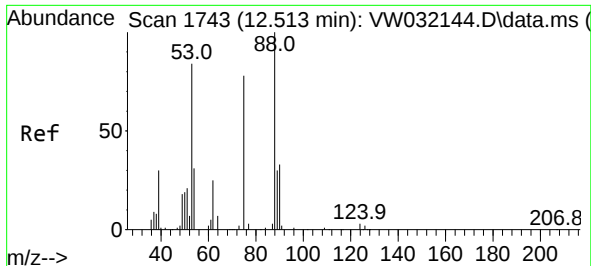
Tgt Ion:105 Resp: 192350

Ion Ratio Lower Upper

105 100

120 48.3 24.8 74.4

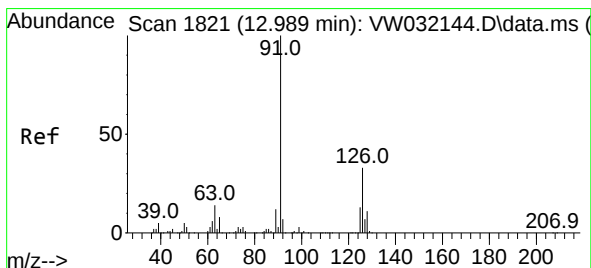
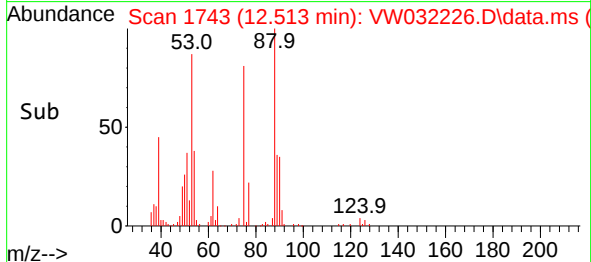
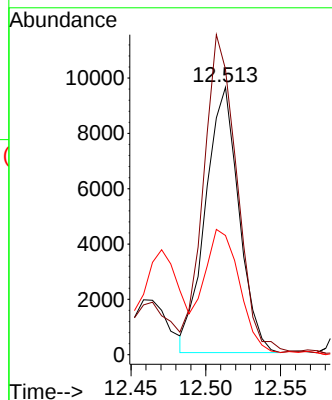
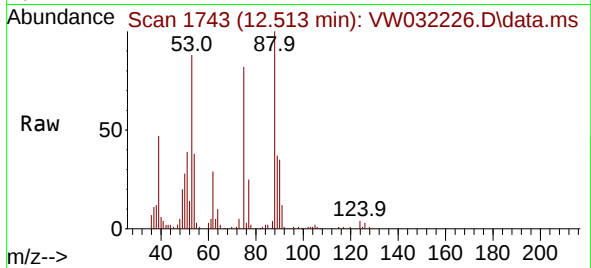




#81
trans-1,4-Dichloro-2-butene
Concen: 20.700 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

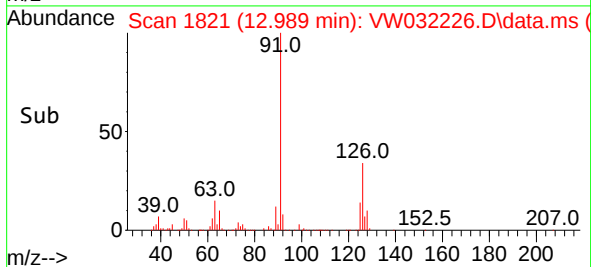
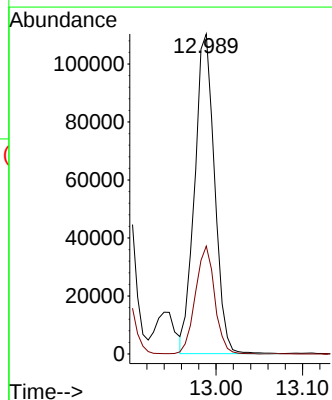
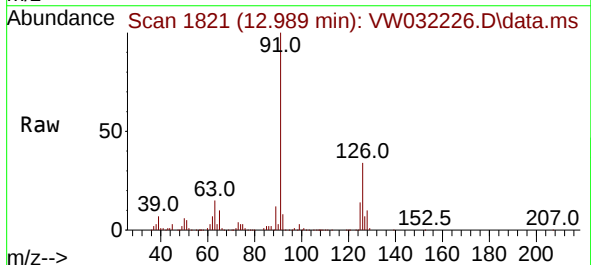
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

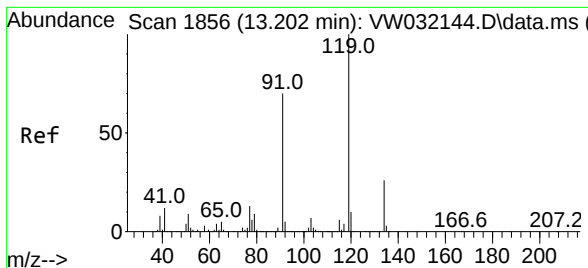
Tgt Ion: 75 Resp: 14905
Ion Ratio Lower Upper
75 100
53 118.7 91.0 136.6
89 49.6 39.4 59.2



#82
4-Chlorotoluene
Concen: 20.981 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 91 Resp: 175283
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2

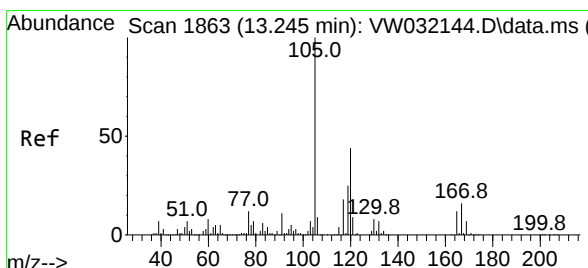
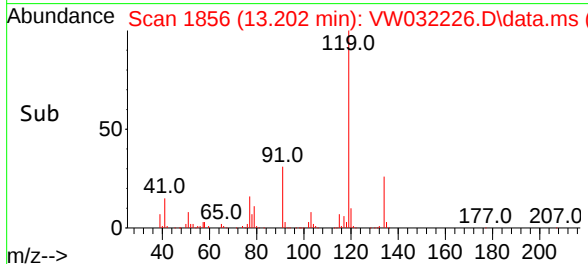
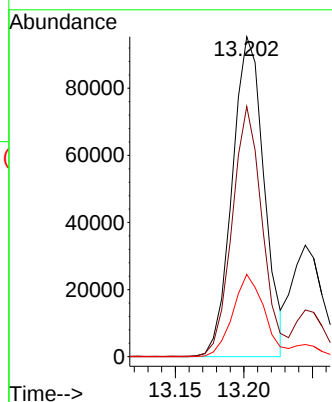
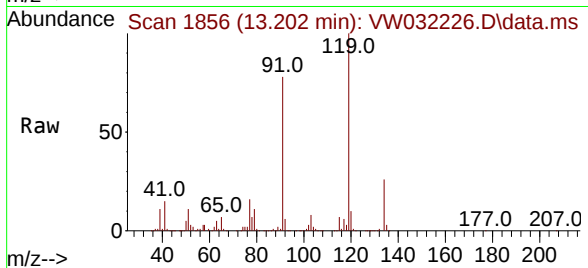




#83
tert-Butylbenzene
Concen: 20.467 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

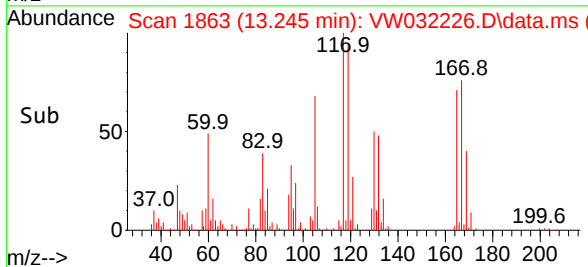
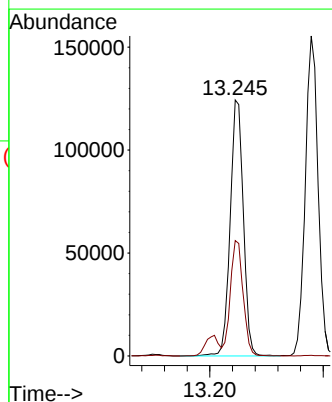
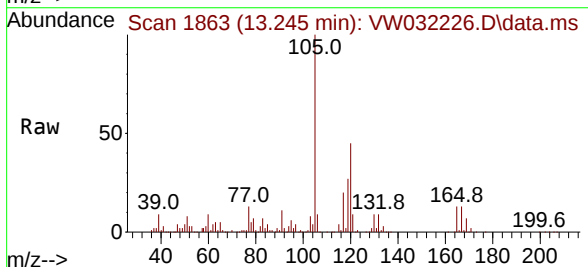
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

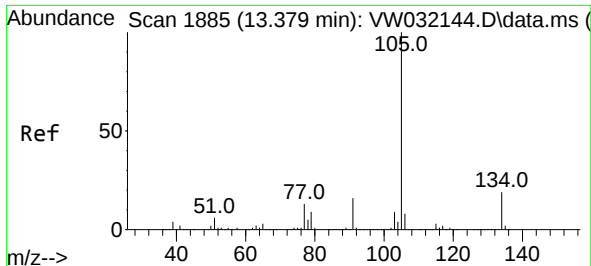
Tgt Ion:119 Resp: 154463
Ion Ratio Lower Upper
119 100
91 74.3 33.8 101.3
134 25.6 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 21.763 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion:105 Resp: 200407
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.3

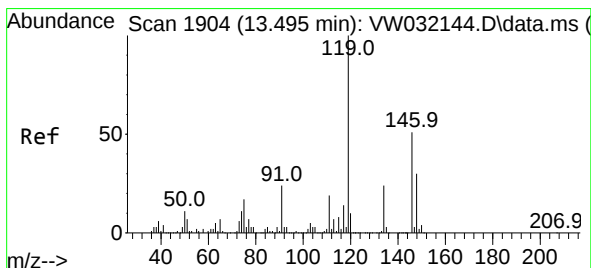
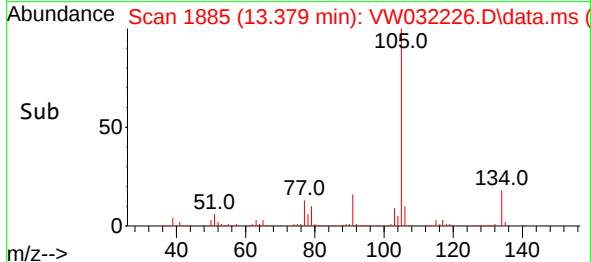
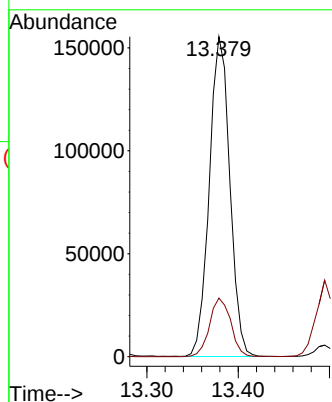
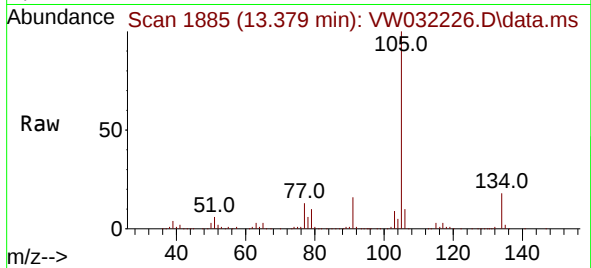




#85
 sec-Butylbenzene
 Concen: 21.500 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

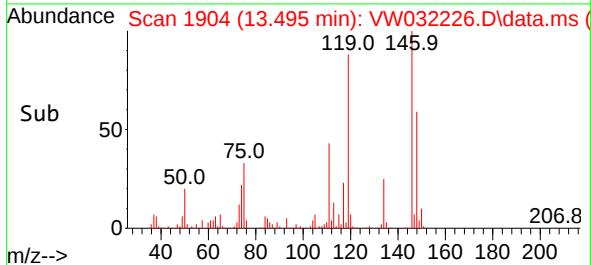
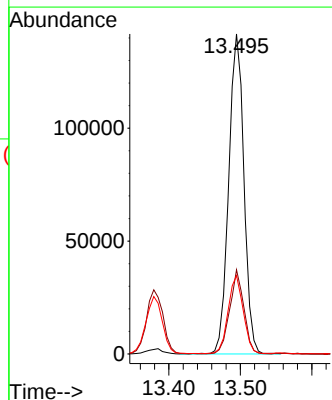
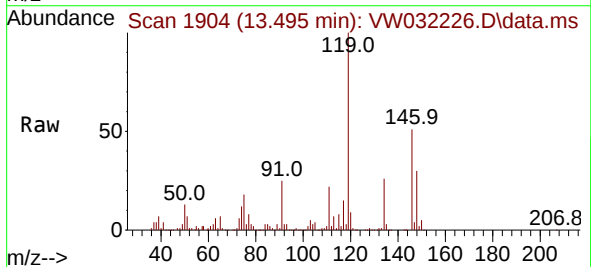
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBSD01

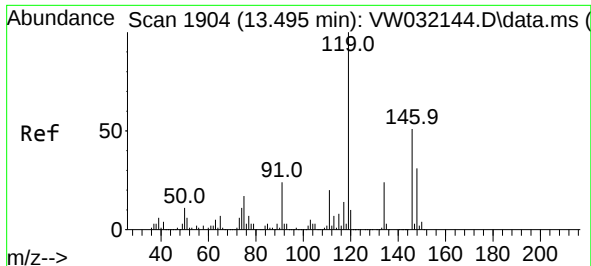
Tgt Ion:105 Resp: 242262
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.815 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032226.D
 Acq: 22 Sep 2025 11:35

Tgt Ion:119 Resp: 209040
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.6
 91 24.3 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.964 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

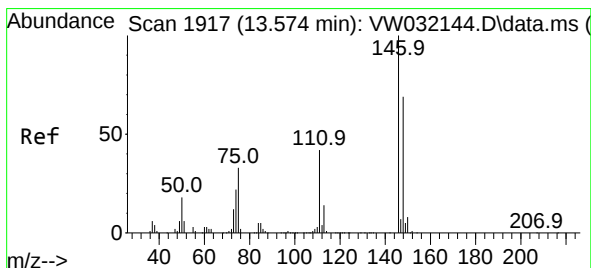
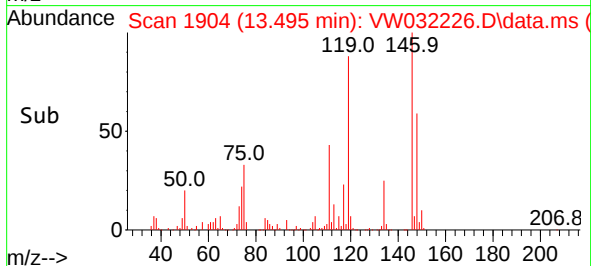
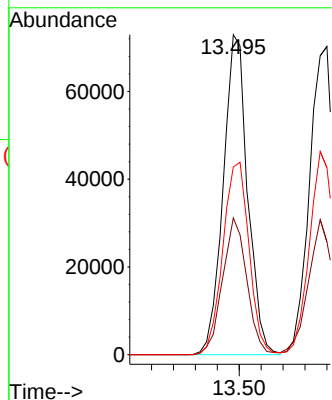
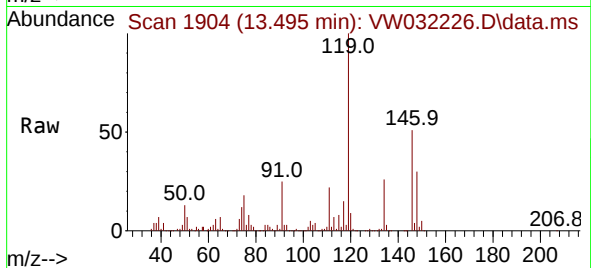
Tgt Ion:146 Resp: 113161

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

148 64.3 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 21.118 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

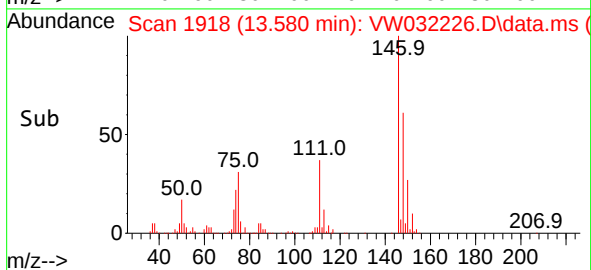
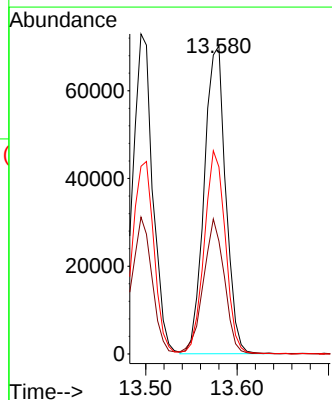
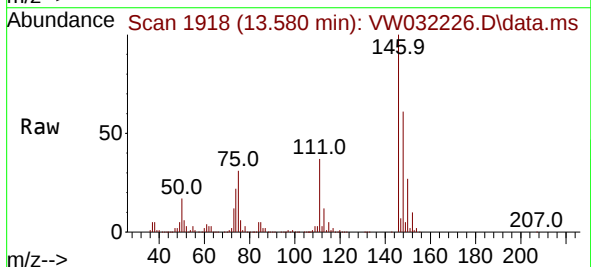
Tgt Ion:146 Resp: 114260

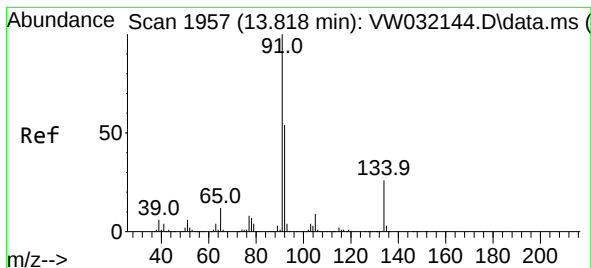
Ion Ratio Lower Upper

146 100

111 42.6 21.3 63.7

148 64.9 33.4 100.1





#89

n-Butylbenzene

Concen: 21.022 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

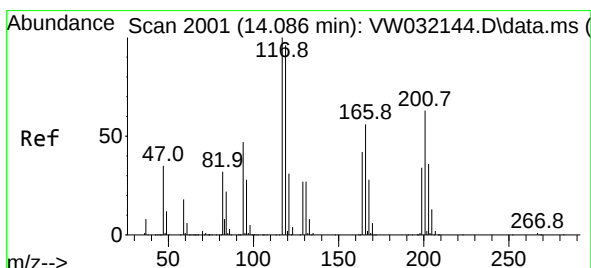
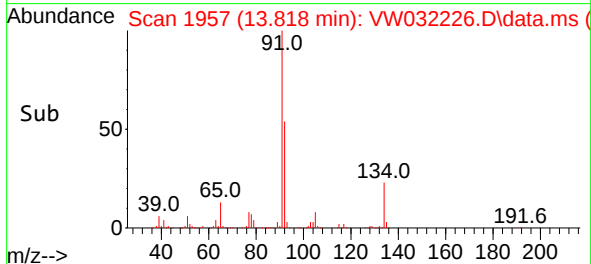
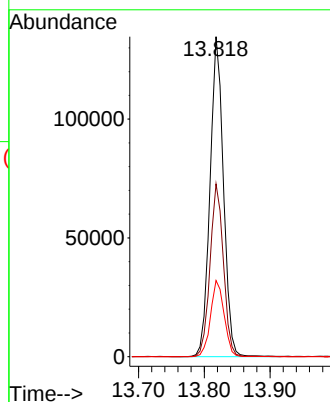
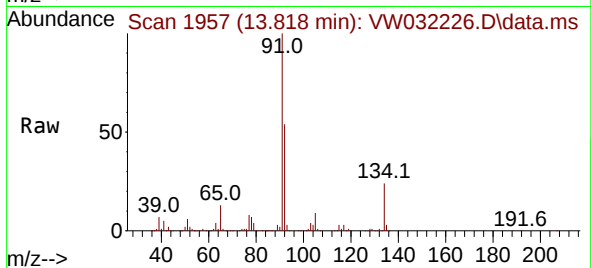
Tgt Ion: 91 Resp: 192055

Ion Ratio Lower Upper

91 100

92 53.6 27.0 81.0

134 24.0 13.1 39.3



#90

Hexachloroethane

Concen: 21.751 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032226.D

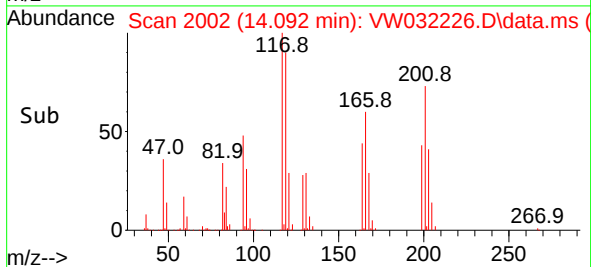
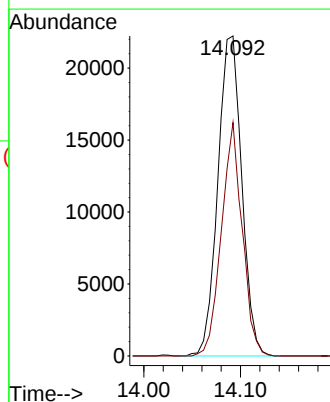
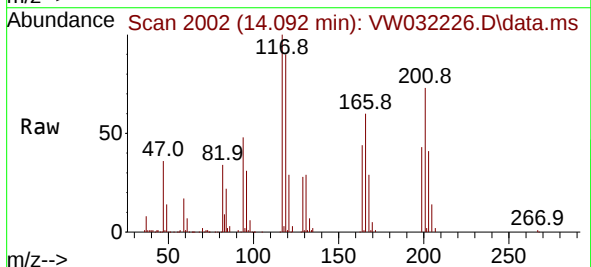
Acq: 22 Sep 2025 11:35

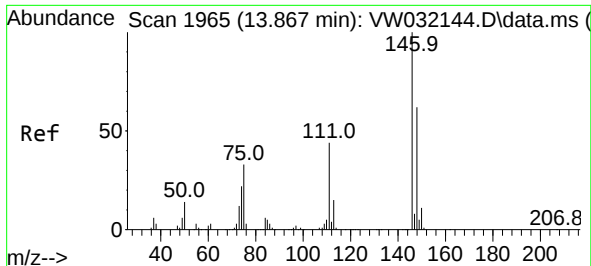
Tgt Ion: 117 Resp: 38124

Ion Ratio Lower Upper

117 100

201 63.4 32.8 98.4

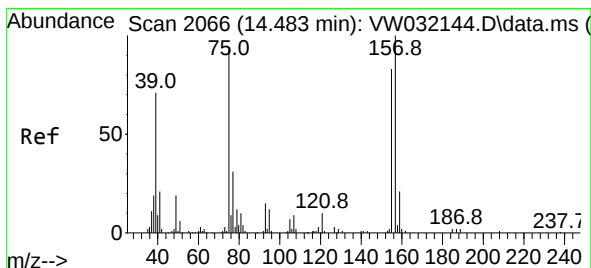
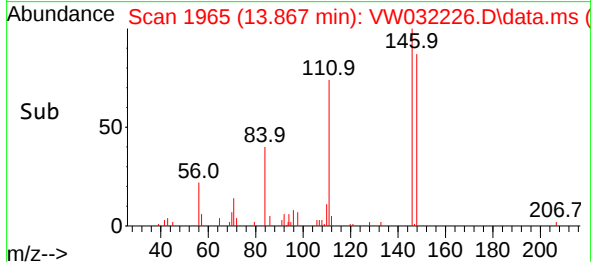
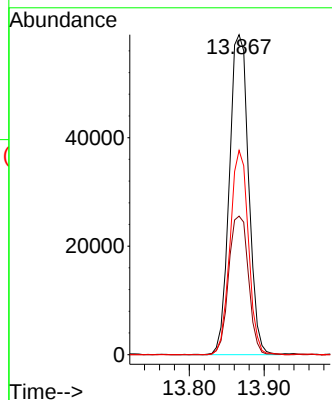
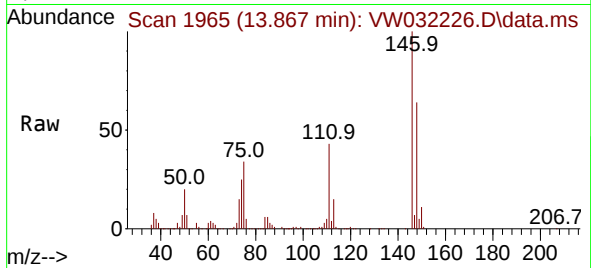




#91
1,2-Dichlorobenzene
Concen: 22.104 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

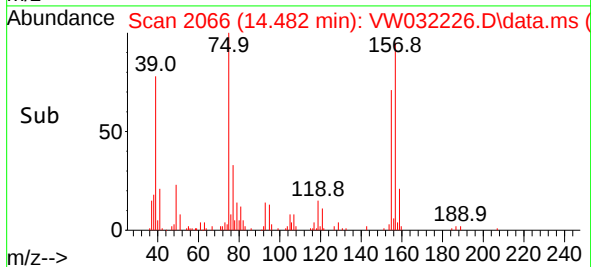
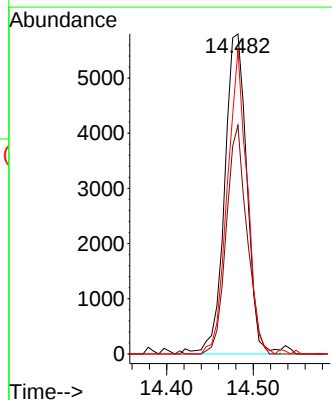
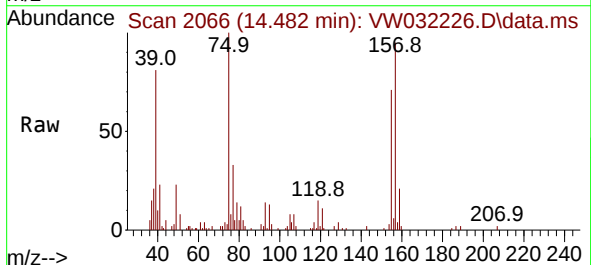
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBSD01

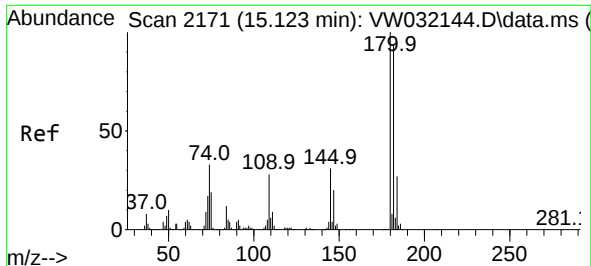
Tgt Ion:146 Resp: 105637
Ion Ratio Lower Upper
146 100
111 44.6 23.4 70.0
148 60.9 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.467 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032226.D
Acq: 22 Sep 2025 11:35

Tgt Ion: 75 Resp: 10358
Ion Ratio Lower Upper
75 100
155 66.4 40.8 122.5
157 84.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 19.823 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBS01

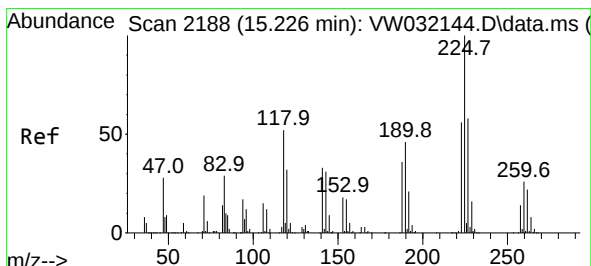
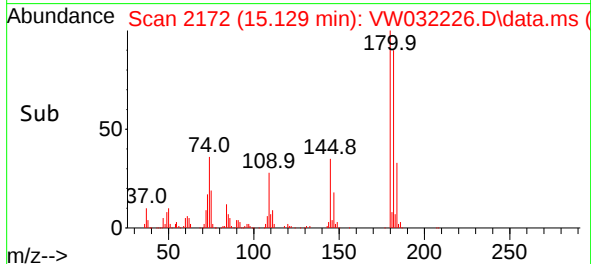
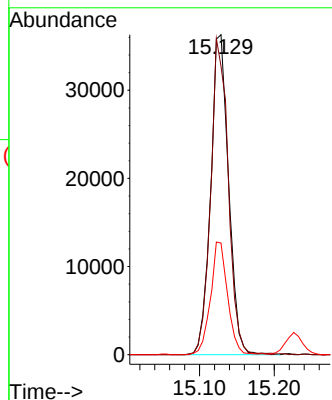
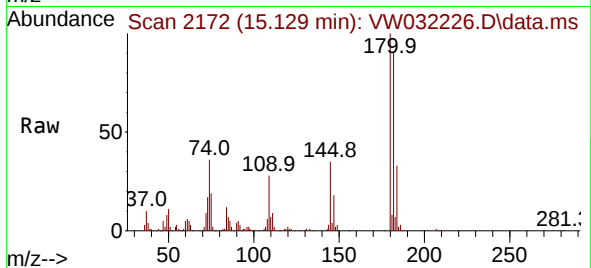
Tgt Ion:180 Resp: 60528

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

145 33.6 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.166 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

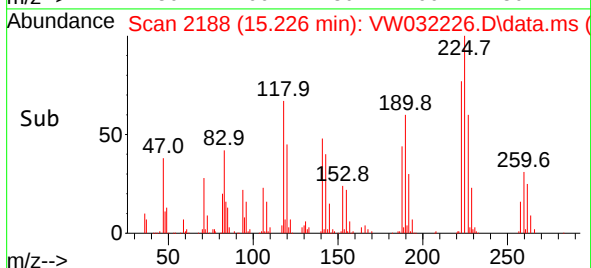
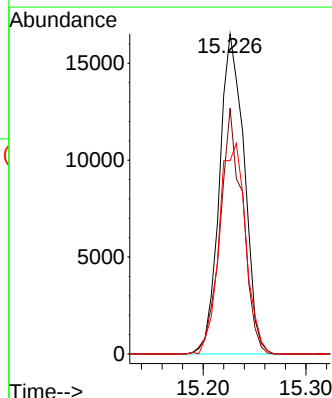
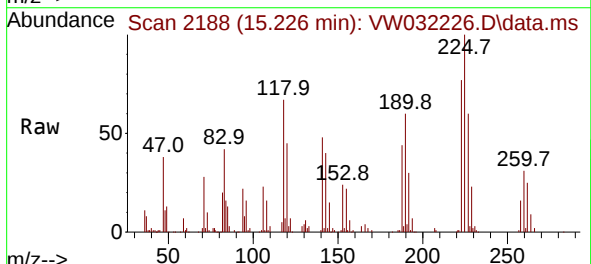
Tgt Ion:225 Resp: 27510

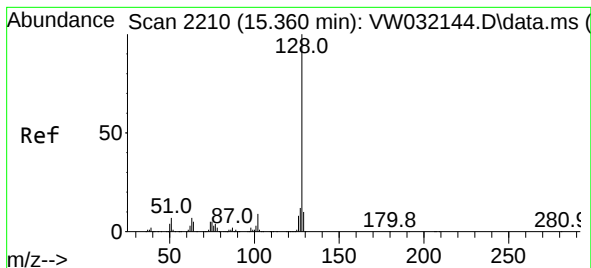
Ion Ratio Lower Upper

225 100

223 70.1 29.8 89.3

227 70.8 30.5 91.5





#95

Naphthalene

Concen: 20.412 ug/l

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0922SBSD01

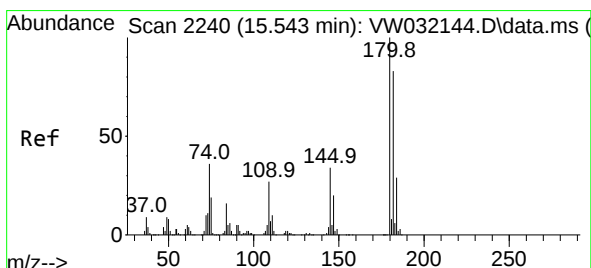
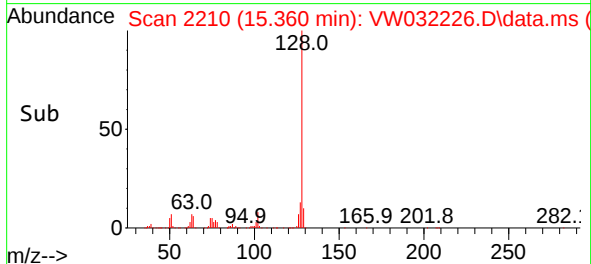
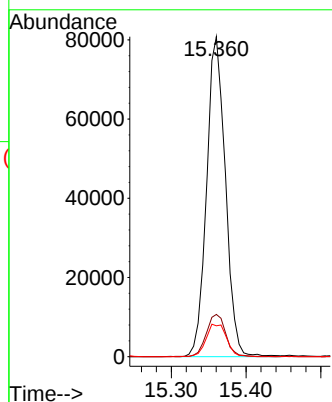
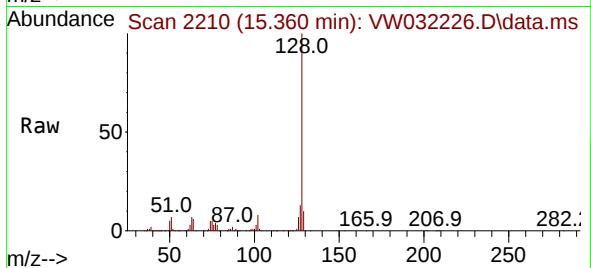
Tgt Ion:128 Resp: 141058

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.433 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032226.D

Acq: 22 Sep 2025 11:35

Tgt Ion:180 Resp: 58023

Ion Ratio Lower Upper

180 100

182 92.6 47.7 143.1

145 36.0 17.2 51.6

