

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032653.D
 Acq On : 16 Dec 2025 13:49
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 17 00:39:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	364149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	635071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	580863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	275082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	120156	23.002	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	46.000%#
35) Dibromofluoromethane	7.898	113	96687	23.428	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	46.860%#
50) Toluene-d8	10.325	98	371252	23.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	47.740%#
62) 4-Bromofluorobenzene	12.617	95	134826	23.571	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	47.140%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	41741	19.699	ug/l	100
3) Chloromethane	2.247	50	71598	19.038	ug/l	99
4) Vinyl Chloride	2.399	62	93291	19.578	ug/l	100
5) Bromomethane	2.820	94	60738	19.506	ug/l	90
6) Chloroethane	2.960	64	61141	19.884	ug/l	90
7) Trichlorofluoromethane	3.302	101	81274	19.512	ug/l	99
8) Diethyl Ether	3.722	74	51773	19.623	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.112	101	80410	19.389	ug/l	98
10) Methyl Iodide	4.301	142	113321	19.345	ug/l	99
11) Tert butyl alcohol	5.222	59	33976	98.521	ug/l	99
12) 1,1-Dichloroethene	4.076	96	84463	19.389	ug/l	97
13) Acrolein	3.936	56	57779	117.252	ug/l	99
14) Allyl chloride	4.704	41	154282	19.478	ug/l	99
15) Acrylonitrile	5.405	53	142598	98.206	ug/l	100
16) Acetone	4.161	43	172432	96.103	ug/l	100
17) Carbon Disulfide	4.411	76	240488	19.629	ug/l	100
18) Methyl Acetate	4.710	43	65628	19.080	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	175873	19.772	ug/l	99
20) Methylene Chloride	4.948	84	108926	19.244	ug/l	95
21) trans-1,2-Dichloroethene	5.460	96	90331	19.171	ug/l	98
22) Diisopropyl ether	6.338	45	316928	19.862	ug/l	99
23) Vinyl Acetate	6.283	43	1059624	99.997	ug/l	100
24) 1,1-Dichloroethane	6.246	63	179078	19.336	ug/l	100
25) 2-Butanone	7.197	43	206601	101.301	ug/l	100
26) 2,2-Dichloropropane	7.185	77	105723	19.070	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	104462	18.966	ug/l	98
28) Bromochloromethane	7.533	49	72808	20.774	ug/l	100
29) Tetrahydrofuran	7.551	42	124690	101.510	ug/l	98
30) Chloroform	7.691	83	177366	19.242	ug/l	94
31) Cyclohexane	7.971	56	162511	18.928	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	136157	19.395	ug/l	99
36) 1,1-Dichloropropene	8.093	75	126848	19.847	ug/l	99
37) Ethyl Acetate	7.277	43	88407	20.829	ug/l	99
38) Carbon Tetrachloride	8.087	117	116805	19.307	ug/l	100
39) Methylcyclohexane	9.343	83	153346	19.159	ug/l	97
40) Benzene	8.337	78	383432	19.973	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	51096	21.717	ug/l	91
42) 1,2-Dichloroethane	8.410	62	124757	20.537	ug/l	99
43) Isopropyl Acetate	8.435	43	149703	20.260	ug/l	100
44) Trichloroethene	9.099	130	89663	20.194	ug/l	93
45) 1,2-Dichloropropane	9.374	63	97683	19.951	ug/l	97
46) Dibromomethane	9.465	93	57319	20.351	ug/l	100
47) Bromodichloromethane	9.654	83	131056	19.743	ug/l	98
48) Methyl methacrylate	9.441	41	66650	18.735	ug/l	98
49) 1,4-Dioxane	9.465	88	14488	405.419	ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	435376	104.909	ug/l	99
52) Toluene	10.392	92	239837	20.288	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	126388	19.569	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	148831	19.814	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	77308	20.245	ug/l	95
56) Ethyl methacrylate	10.648	69	105449	19.885	ug/l	98
57) 1,3-Dichloropropane	10.934	76	137140	20.273	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	274354	111.119	ug/l	99
59) 2-Hexanone	10.971	43	318216	106.439	ug/l	99
60) Dibromochloromethane	11.123	129	82693	19.542	ug/l	94
61) 1,2-Dibromoethane	11.239	107	74127	20.364	ug/l	99
64) Tetrachloroethene	10.861	164	73021	19.706	ug/l	93
65) Chlorobenzene	11.660	112	260255	19.714	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.733	131	77726	19.233	ug/l	93
67) Ethyl Benzene	11.727	91	444241	19.688	ug/l	97
68) m/p-Xylenes	11.837	106	347208	40.345	ug/l	97
69) o-Xylene	12.166	106	153315	19.500	ug/l	98
70) Styrene	12.178	104	275531	20.113	ug/l	98
71) Bromoform	12.349	173	41682	18.461	ug/l #	96
73) Isopropylbenzene	12.465	105	389582	18.822	ug/l	100
74) N-amyl acetate	12.270	43	134054	19.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.715	83	98795	20.083	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	124133	19.756	ug/l	31
77) Bromobenzene	12.745	156	91595	19.205	ug/l	99
78) n-propylbenzene	12.800	91	504319	19.230	ug/l	98
79) 2-Chlorotoluene	12.891	91	301913	19.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	337367	19.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	30223	18.836	ug/l	93
82) 4-Chlorotoluene	12.983	91	326117	19.659	ug/l	98
83) tert-Butylbenzene	13.202	119	278694	18.818	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	348686	19.888	ug/l	98
85) sec-Butylbenzene	13.379	105	435666	19.282	ug/l	98
86) p-Isopropyltoluene	13.495	119	359034	19.405	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	190635	19.860	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	185388	19.225	ug/l	92
89) n-Butylbenzene	13.818	91	351893	18.913	ug/l	99
90) Hexachloroethane	14.092	117	64846	18.648	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	171294	19.712	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16731	19.764	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	93897	18.255	ug/l	97
94) Hexachlorobutadiene	15.232	225	41702	17.349	ug/l	92
95) Naphthalene	15.360	128	228728	18.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	84385	18.260	ug/l	93

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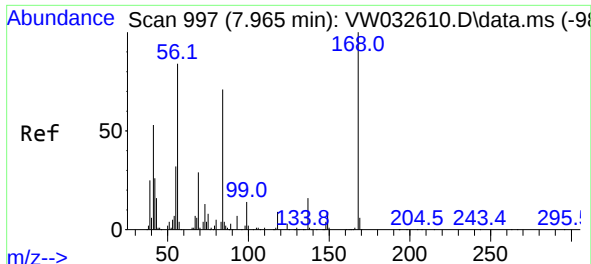
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QLast Update : Wed Dec 17 00:33:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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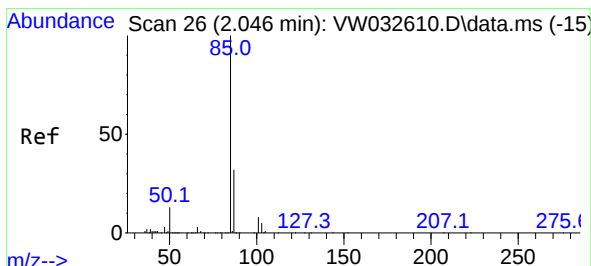
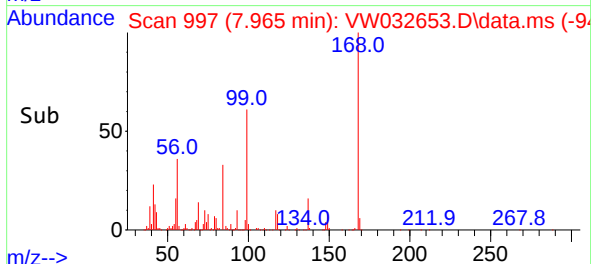
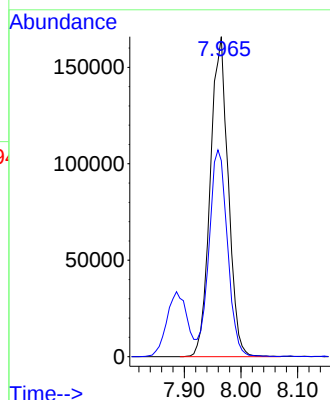
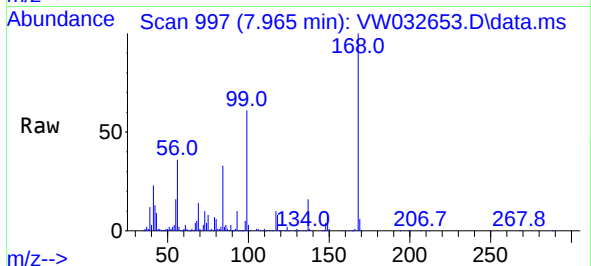




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW032653.D
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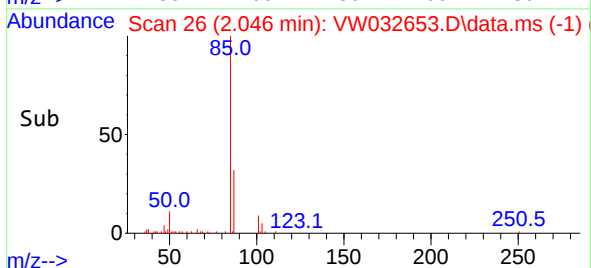
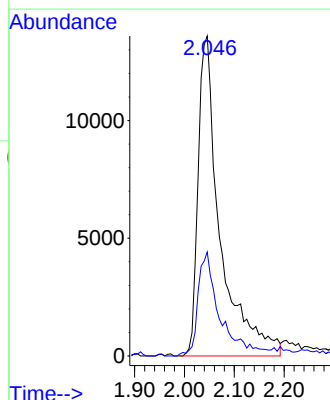
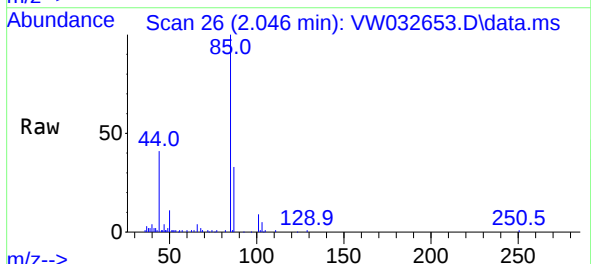
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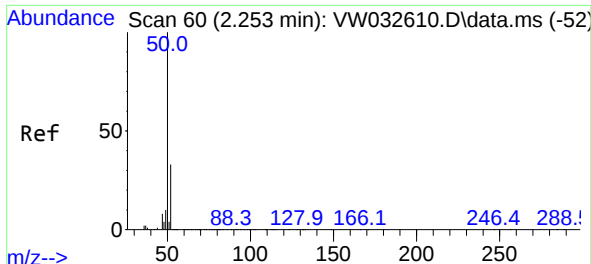
Tgt Ion:168 Resp: 364149
Ion Ratio Lower Upper
168 100
99 61.1 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 19.699 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 85 Resp: 41741
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.3

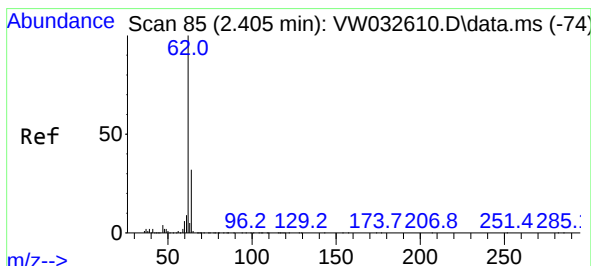
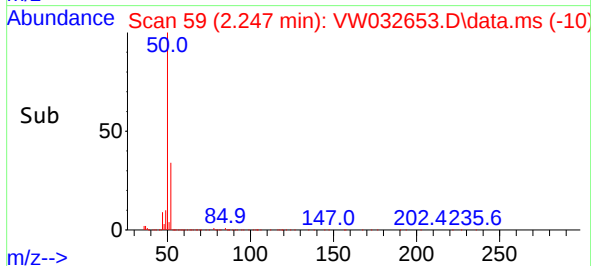
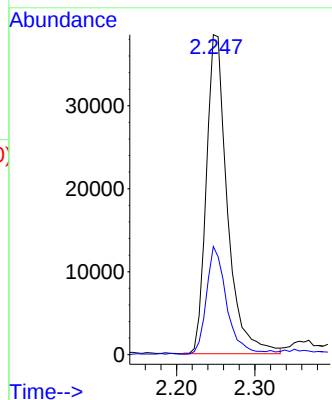
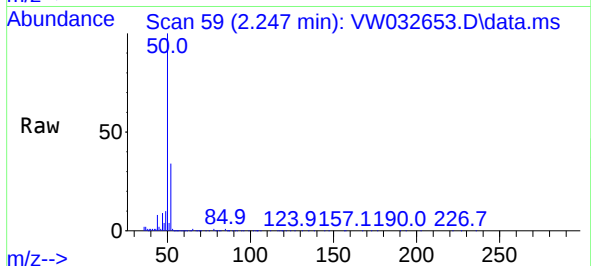




#3
Chloromethane
Concen: 19.038 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

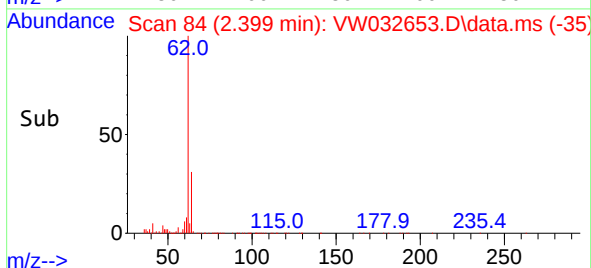
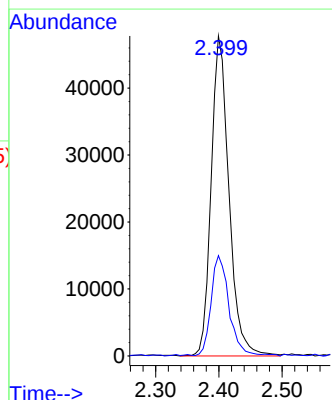
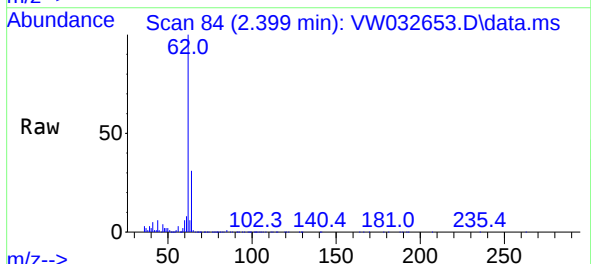
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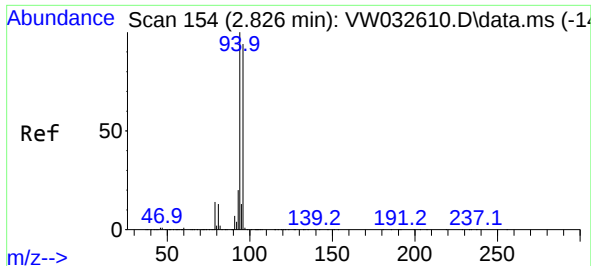
Tgt Ion: 50 Resp: 71598
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 19.578 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 62 Resp: 93291
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9

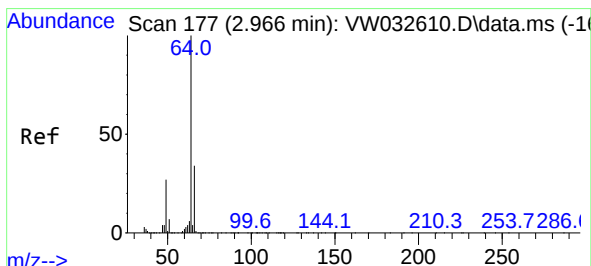
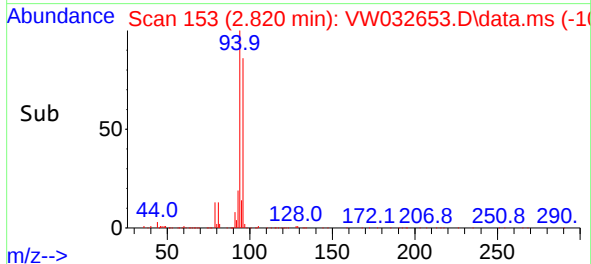
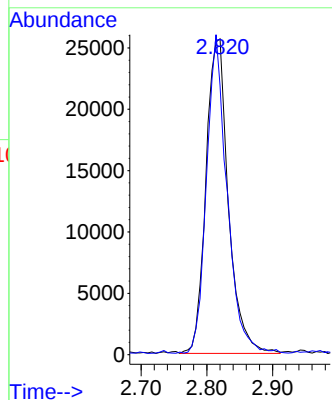
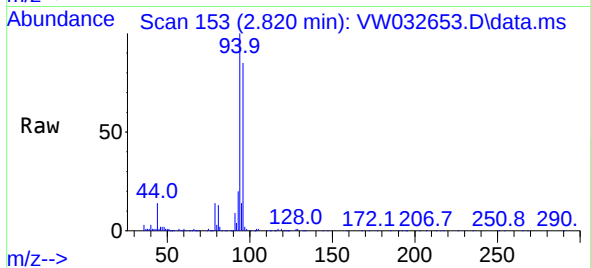




#5
Bromomethane
Concen: 19.506 ug/l
RT: 2.820 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

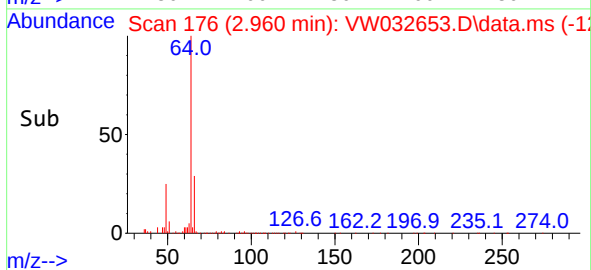
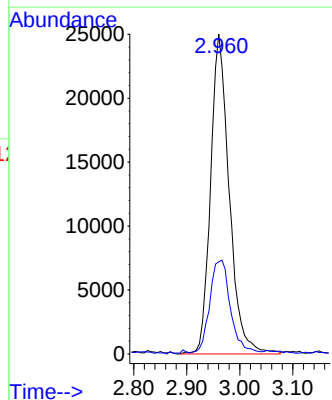
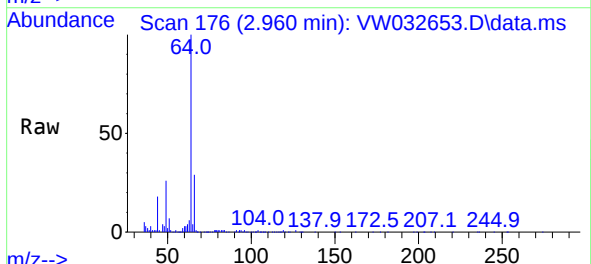
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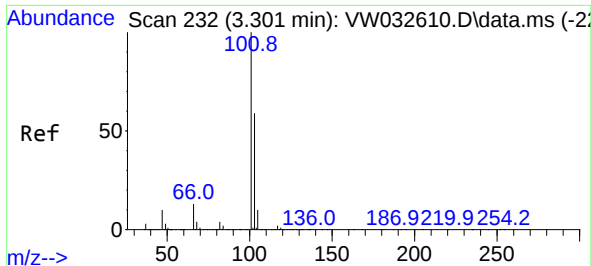
Tgt Ion: 94 Resp: 60738
Ion Ratio Lower Upper
94 100
96 84.8 75.4 113.2



#6
Chloroethane
Concen: 19.884 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 64 Resp: 61141
Ion Ratio Lower Upper
64 100
66 28.6 27.3 40.9

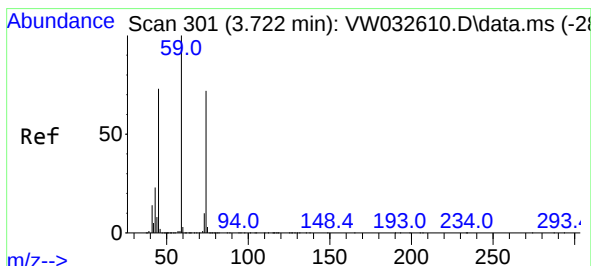
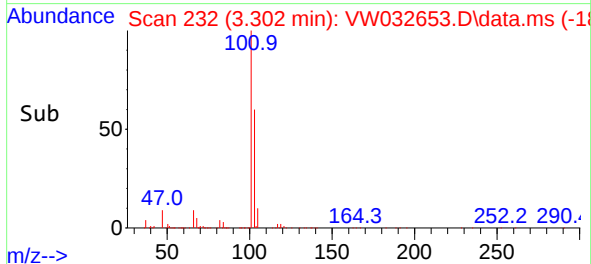
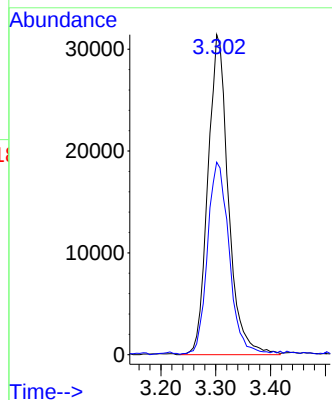
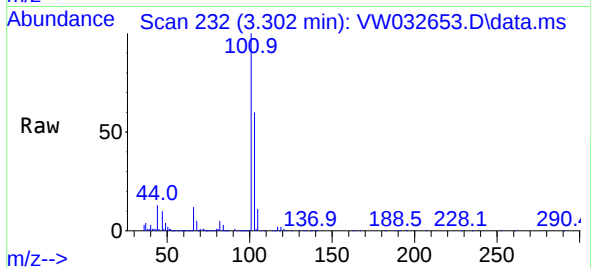




#7
Trichlorofluoromethane
Concen: 19.512 ug/l
RT: 3.302 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032653.D
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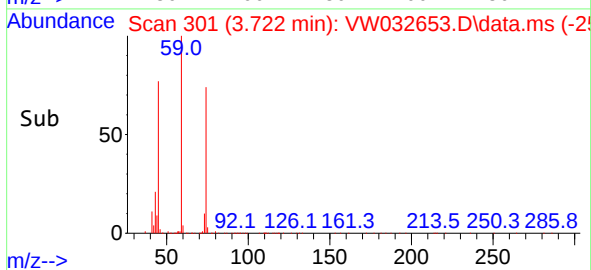
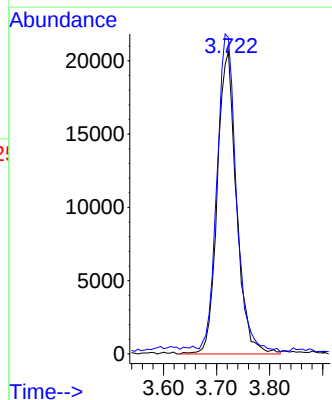
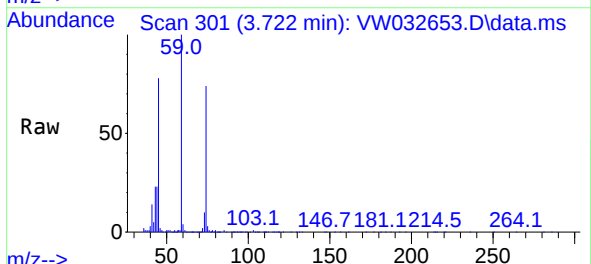
Instrument :
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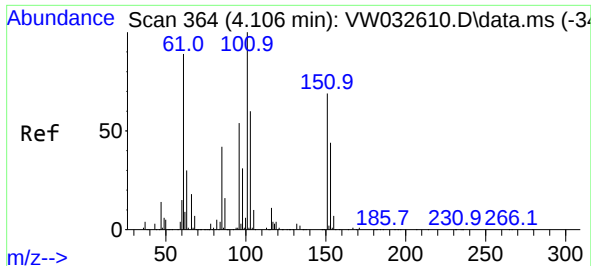
Tgt Ion:101 Resp: 81274
Ion Ratio Lower Upper
101 100
103 59.8 47.3 70.9



#8
Diethyl Ether
Concen: 19.623 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 74 Resp: 51773
Ion Ratio Lower Upper
74 100
45 105.1 52.4 157.2

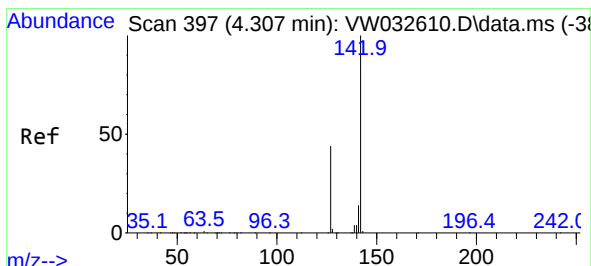
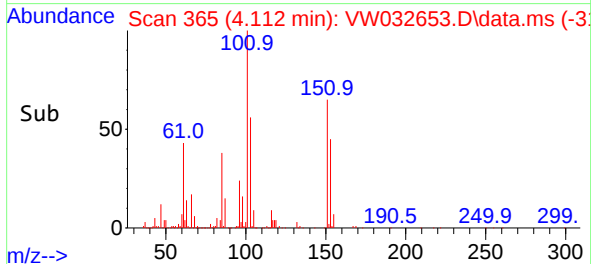
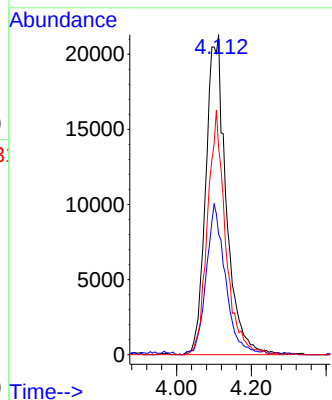
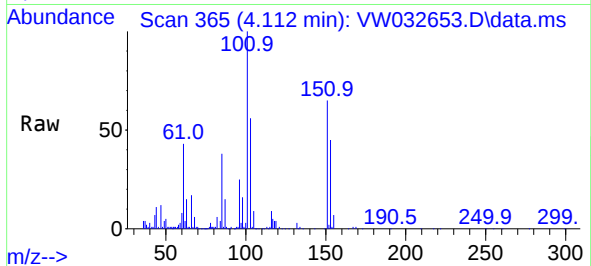




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.389 ug/l
RT: 4.112 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW032653.D
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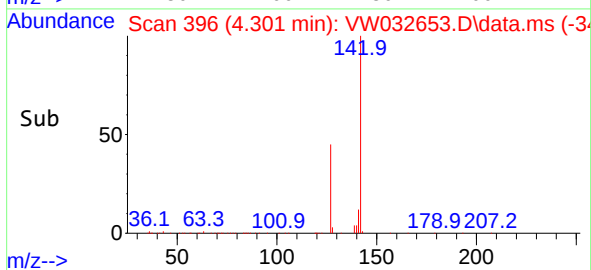
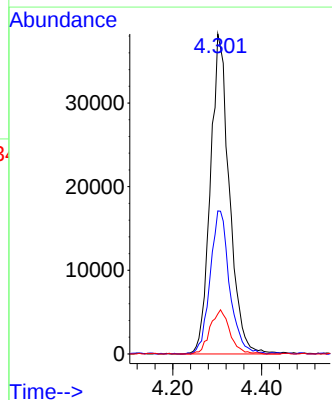
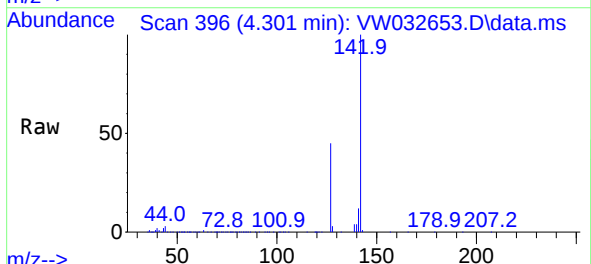
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

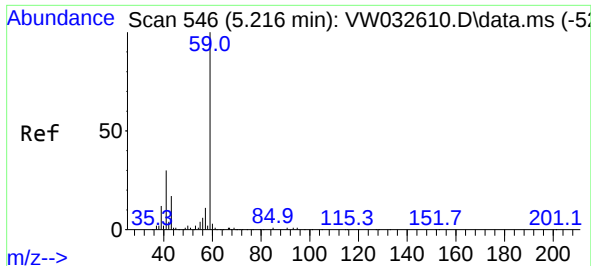
Tgt Ion:101 Resp: 80410
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 68.0 56.7 85.1



#10
Methyl Iodide
Concen: 19.345 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:142 Resp: 113321
Ion Ratio Lower Upper
142 100
127 45.9 36.0 54.0
141 14.4 11.6 17.4

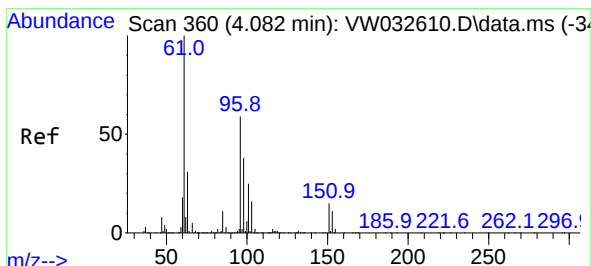
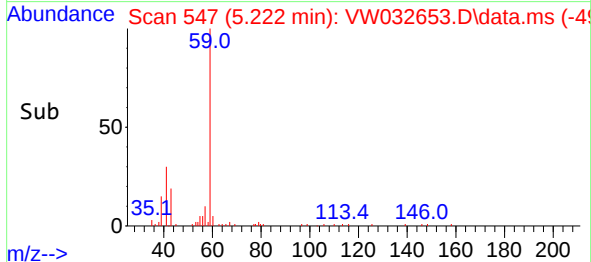
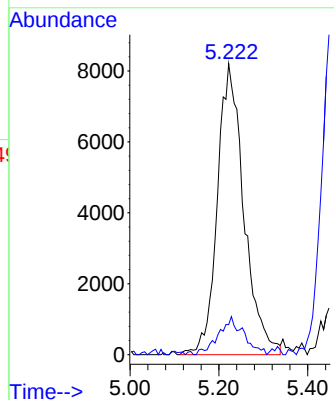
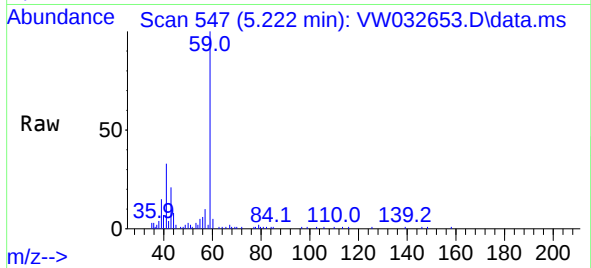




#11
Tert butyl alcohol
Concen: 98.521 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

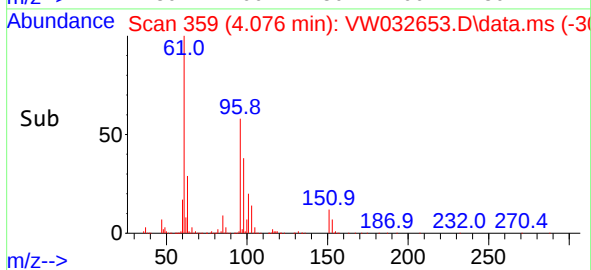
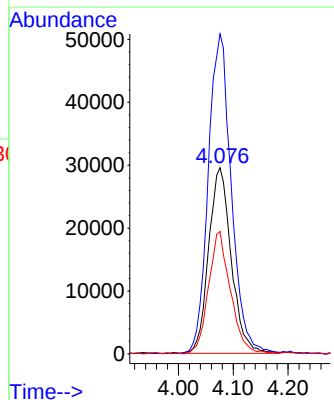
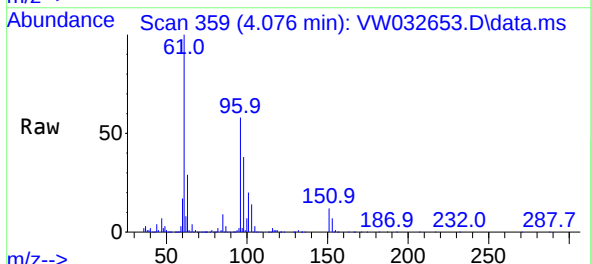
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

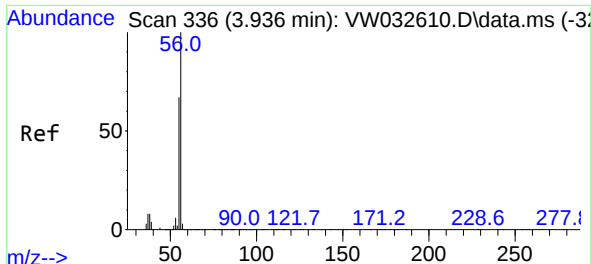
Tgt Ion: 59 Resp: 33976
Ion Ratio Lower Upper
59 100
57 12.2 9.4 14.0



#12
1,1-Dichloroethene
Concen: 19.389 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 96 Resp: 84463
Ion Ratio Lower Upper
96 100
61 172.2 134.6 202.0
98 65.5 51.1 76.7

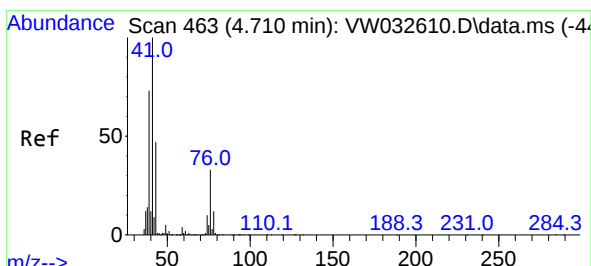
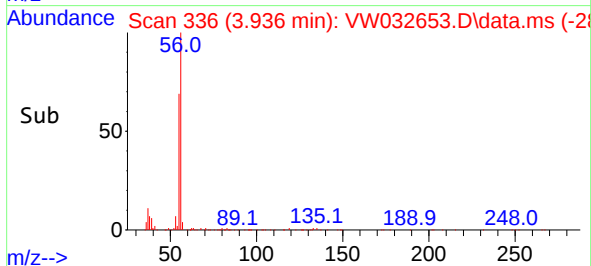
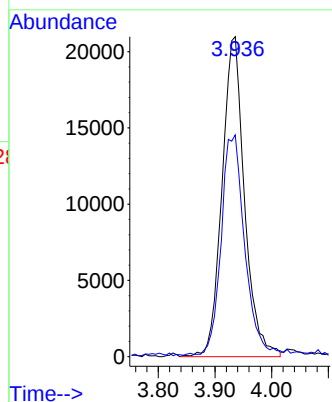
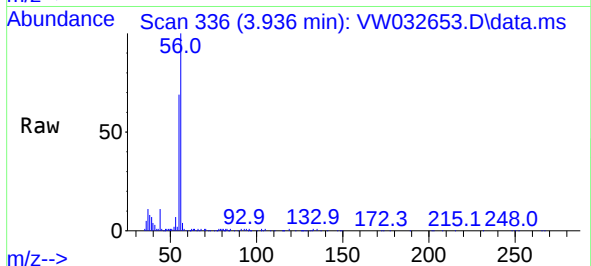




#13
Acrolein
Concen: 117.252 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

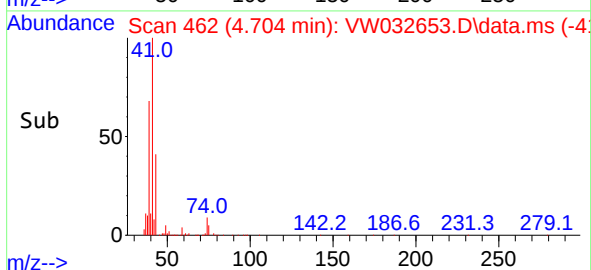
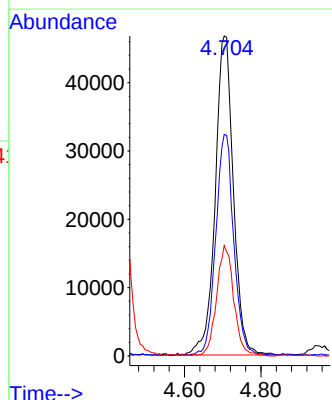
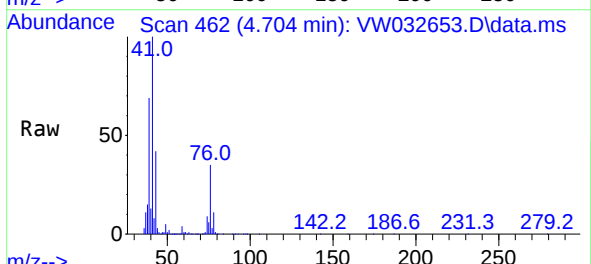
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

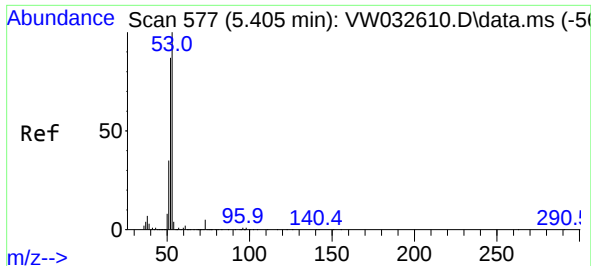
Tgt Ion: 56 Resp: 57779
Ion Ratio Lower Upper
56 100
55 70.8 56.0 84.0



#14
Allyl chloride
Concen: 19.478 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 41 Resp: 154282
Ion Ratio Lower Upper
41 100
39 68.6 54.2 81.2
76 32.8 26.3 39.5

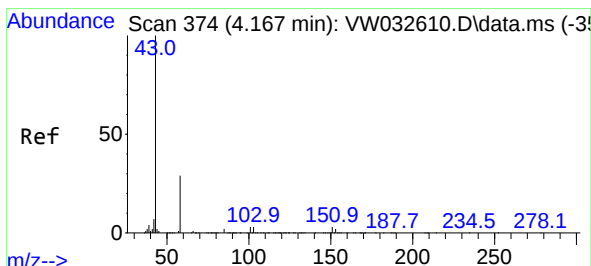
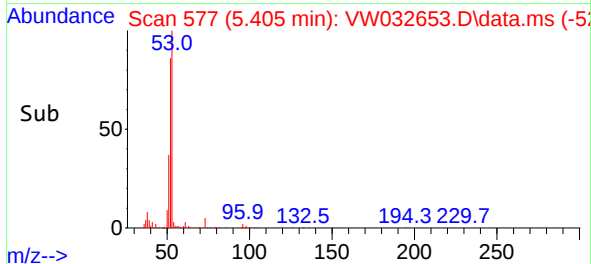
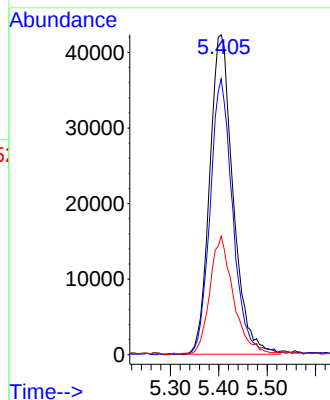
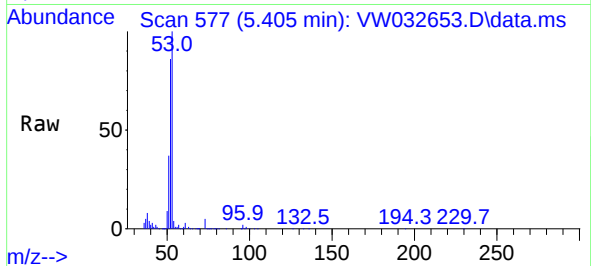




#15
Acrylonitrile
Concen: 98.206 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

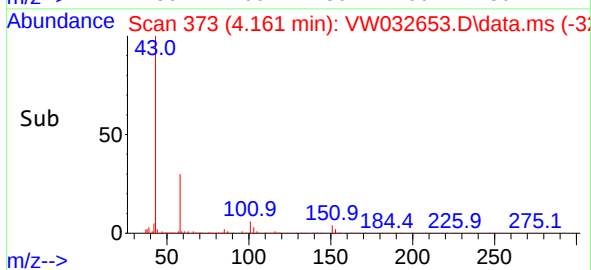
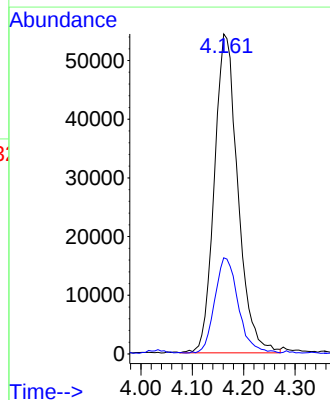
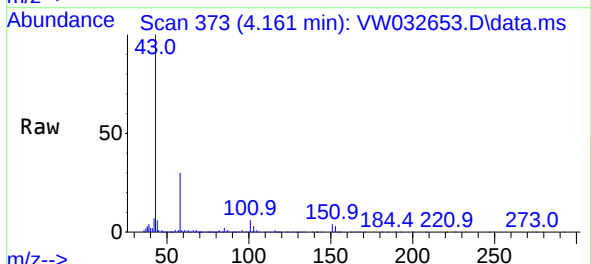
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

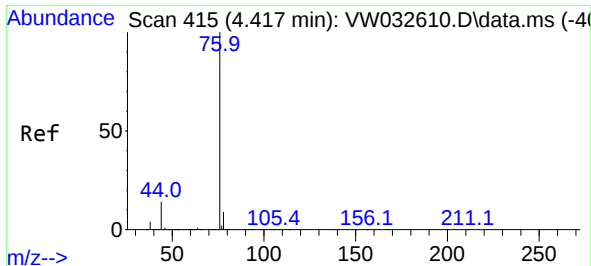
Tgt Ion: 53 Resp: 142598
Ion Ratio Lower Upper
53 100
52 83.6 66.7 100.1
51 36.9 29.8 44.6



#16
Acetone
Concen: 96.103 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 43 Resp: 172432
Ion Ratio Lower Upper
43 100
58 29.7 23.9 35.9

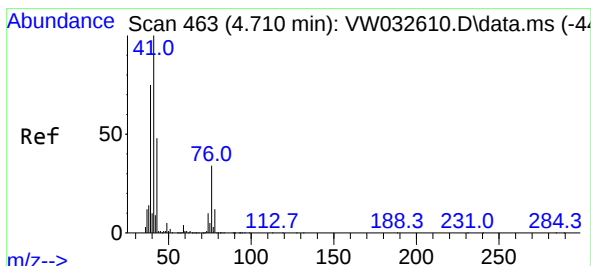
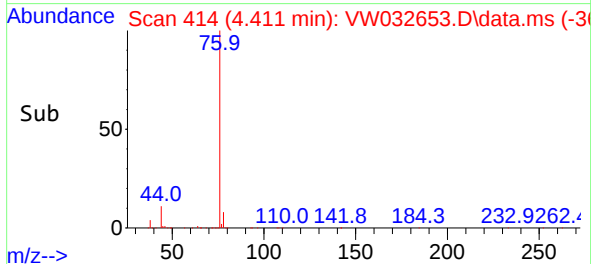
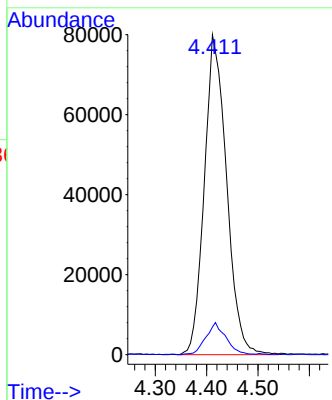
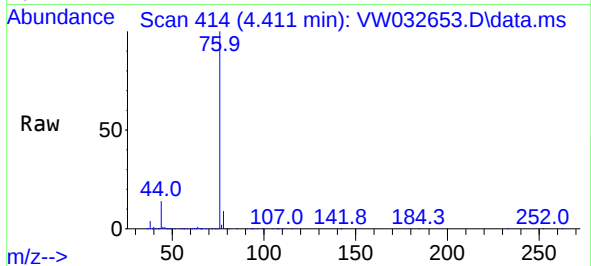




#17
Carbon Disulfide
Concen: 19.629 ug/l
RT: 4.411 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

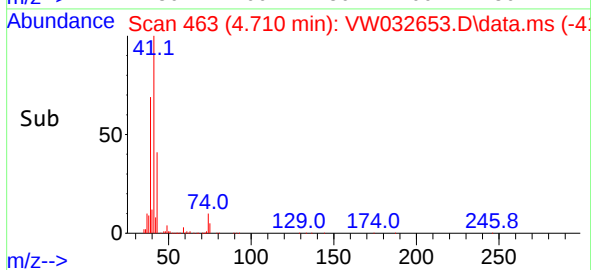
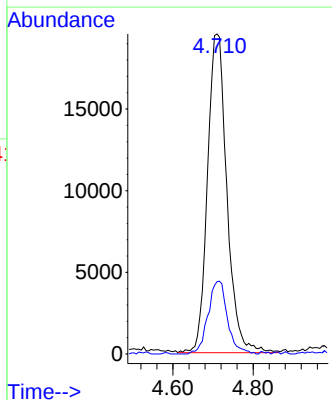
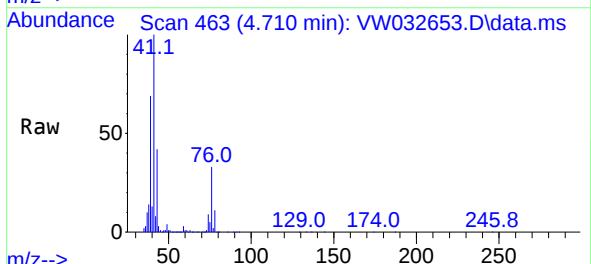
Instrument :
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ClientSampleId :
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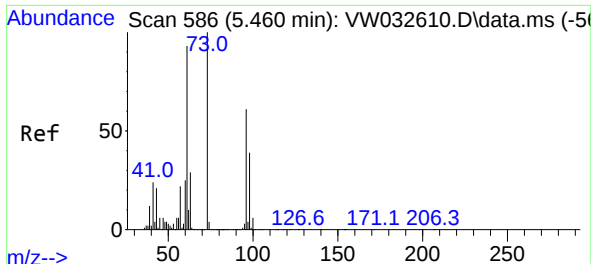
Tgt Ion: 76 Resp: 240488
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 19.080 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 43 Resp: 65628
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4

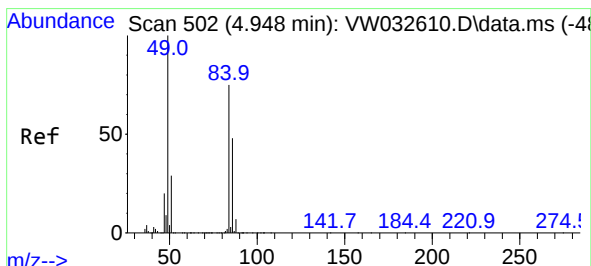
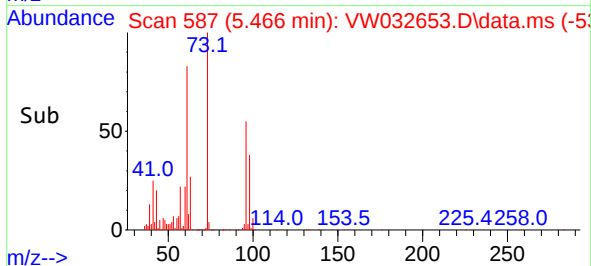
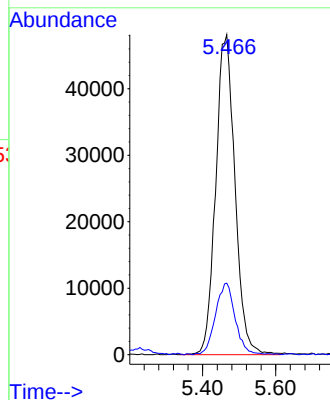
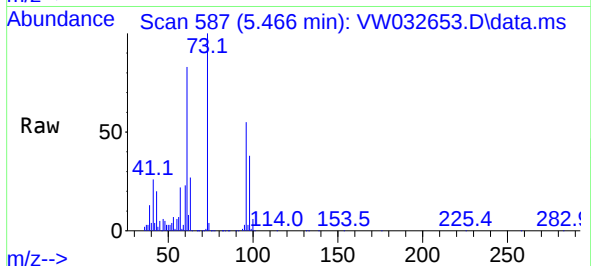




#19
Methyl tert-butyl Ether
Concen: 19.772 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

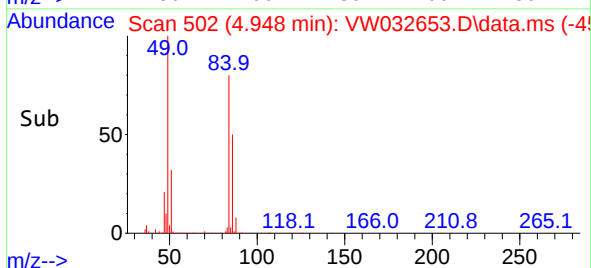
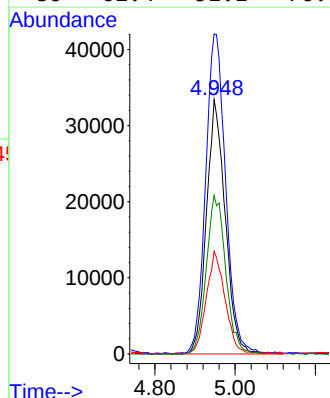
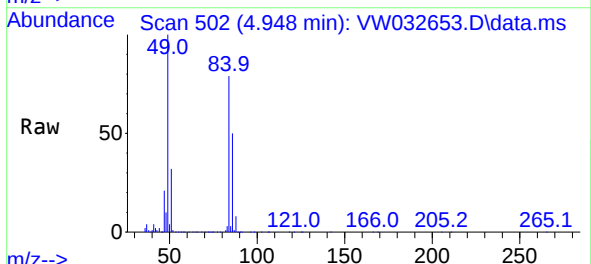
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

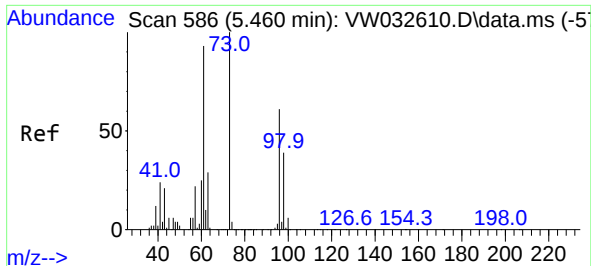
Tgt Ion: 73 Resp: 175873
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 19.244 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 84 Resp: 108926
Ion Ratio Lower Upper
84 100
49 125.5 106.9 160.3
51 40.2 31.4 47.2
86 62.4 51.1 76.7

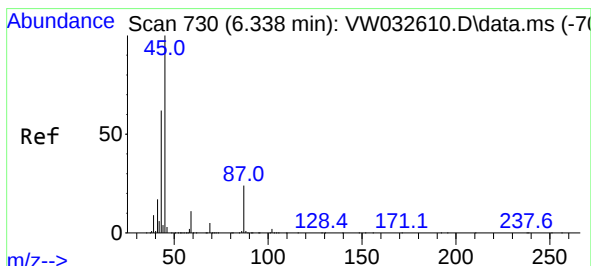
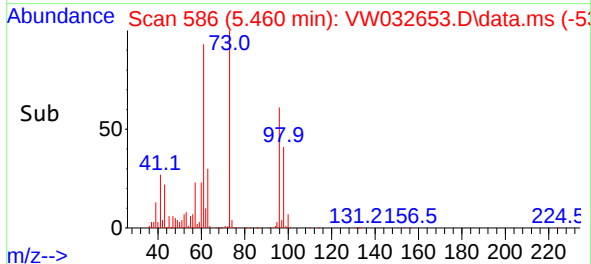
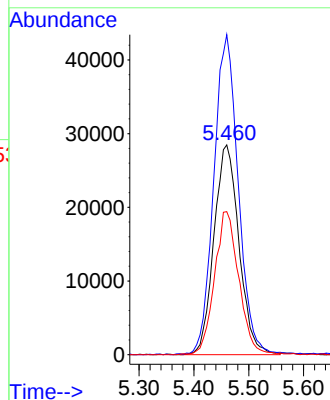
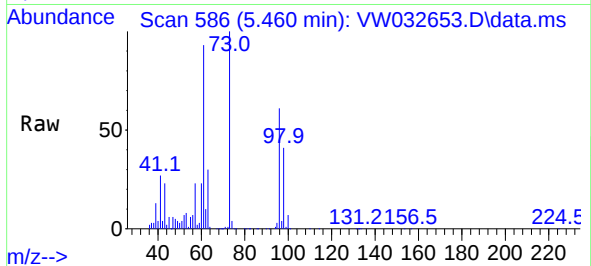




#21
trans-1,2-Dichloroethene
Concen: 19.171 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.012 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

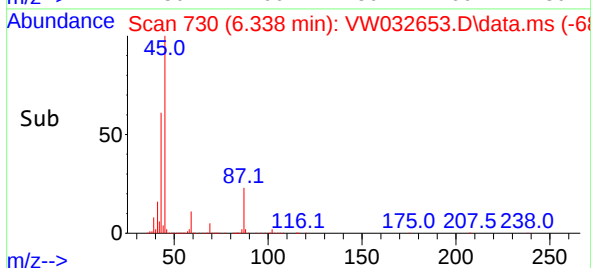
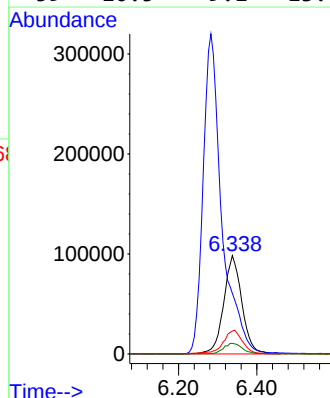
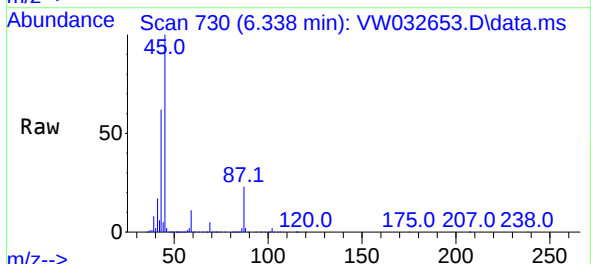
Instrument :
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ClientSampleId :
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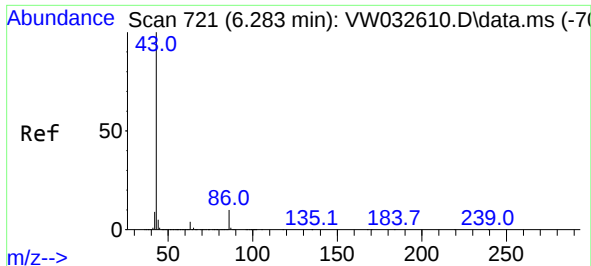
Tgt Ion: 96 Resp: 90331
Ion Ratio Lower Upper
96 100
61 152.0 121.7 182.5
98 68.0 50.6 76.0



#22
Diisopropyl ether
Concen: 19.862 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 45 Resp: 316928
Ion Ratio Lower Upper
45 100
43 61.5 49.1 73.7
87 23.2 19.7 29.5
59 10.5 9.1 13.7





#23
 Vinyl Acetate
 Concen: 99.997 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032653.D
 Acq: 16 Dec 2025 13:49

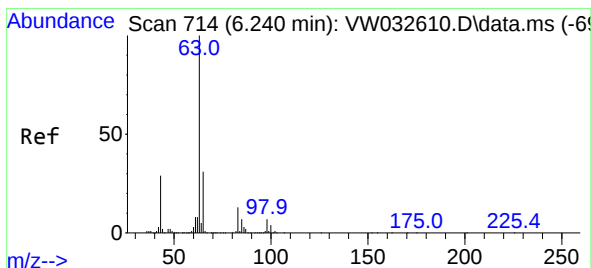
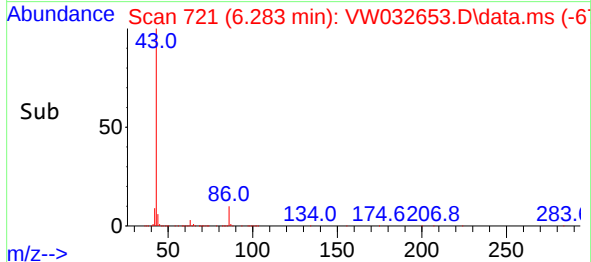
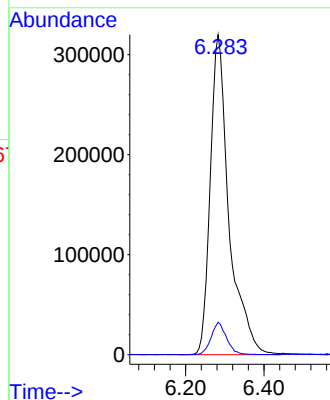
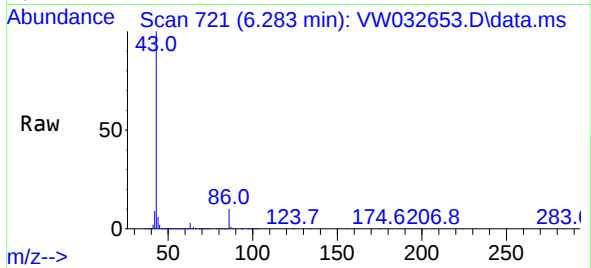
Instrument :

MSVOA_W

ClientSampleId :

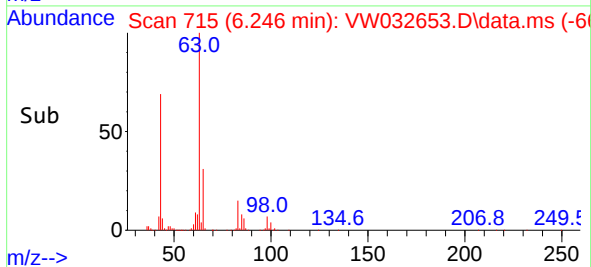
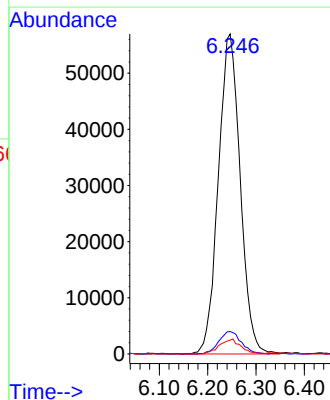
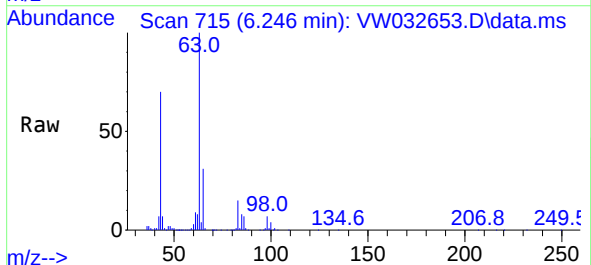
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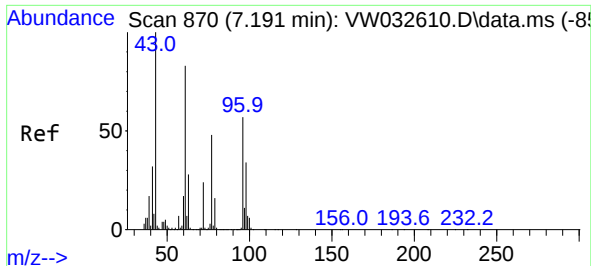
Tgt Ion: 43 Resp: 1059624
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.336 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032653.D
 Acq: 16 Dec 2025 13:49

Tgt Ion: 63 Resp: 179078
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.1 6.5

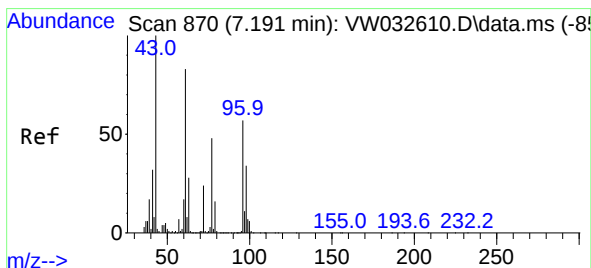
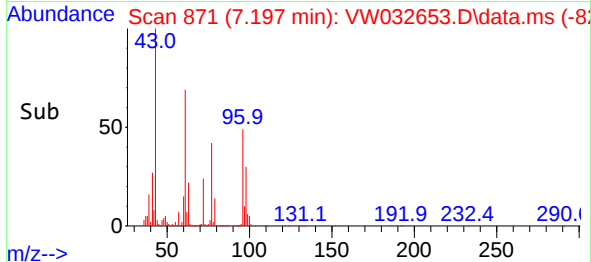
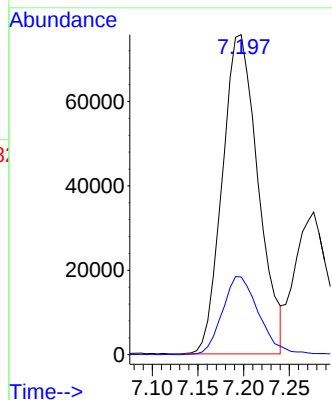
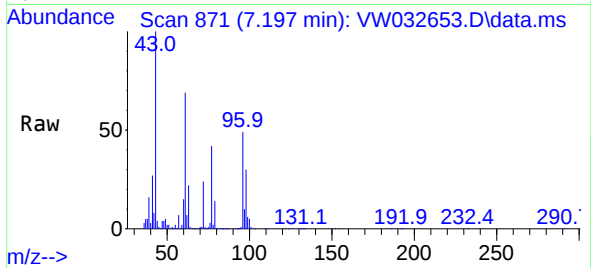




#25
2-Butanone
Concen: 101.301 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

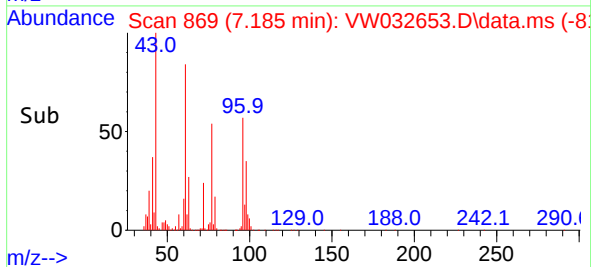
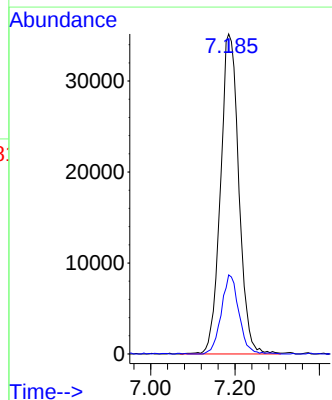
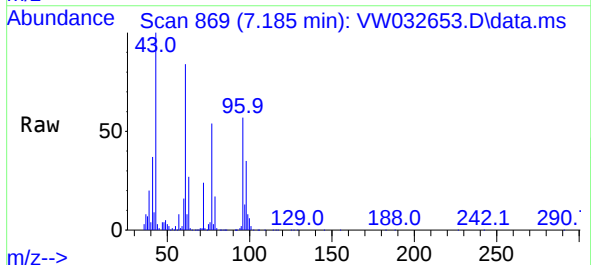
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

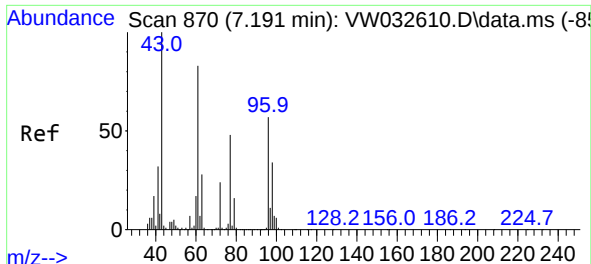
Tgt Ion: 43 Resp: 206601
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.0



#26
2,2-Dichloropropane
Concen: 19.070 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 77 Resp: 105723
Ion Ratio Lower Upper
77 100
97 23.6 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 18.966 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

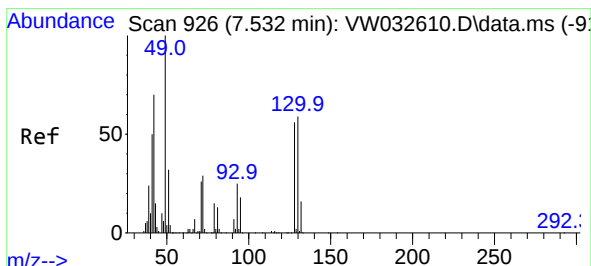
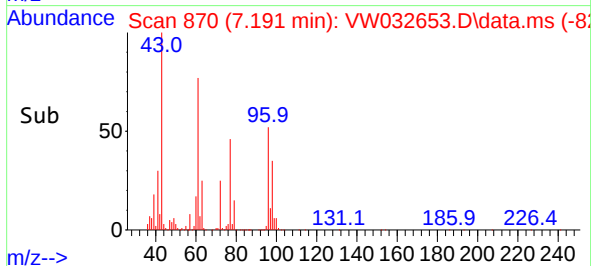
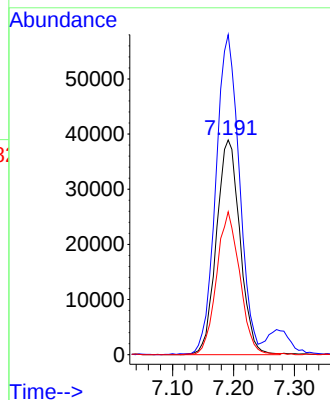
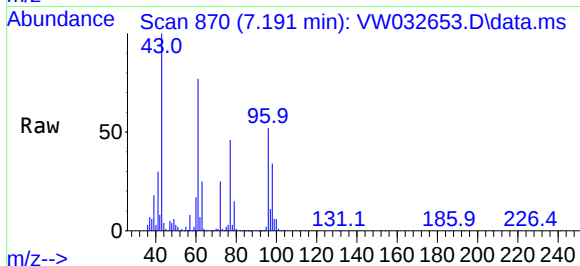
Tgt Ion: 96 Resp: 104462

Ion Ratio Lower Upper

96 100

61 149.6 0.0 295.8

98 65.9 0.0 127.2



#28

Bromochloromethane

Concen: 20.774 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.012 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

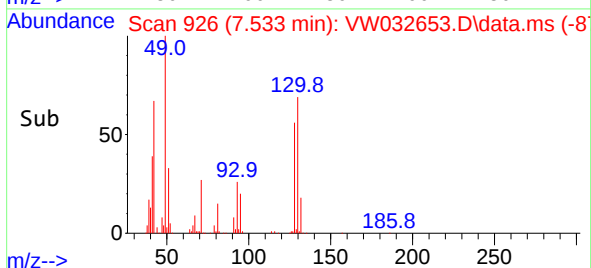
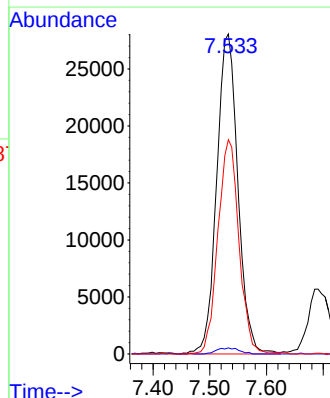
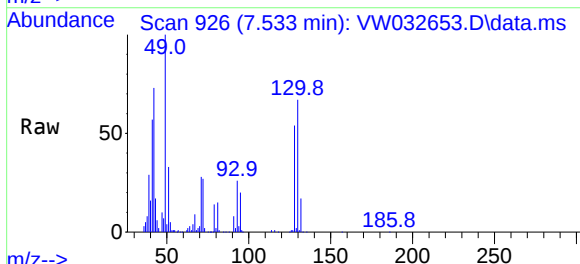
Tgt Ion: 49 Resp: 72808

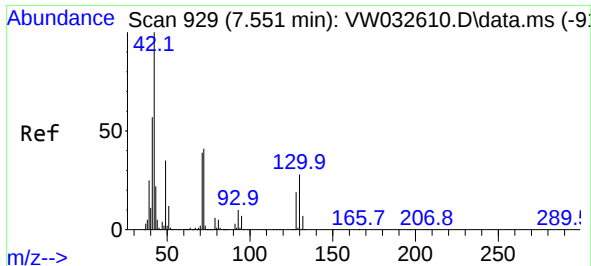
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 66.5 53.3 79.9





#29

Tetrahydrofuran

Concen: 101.510 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

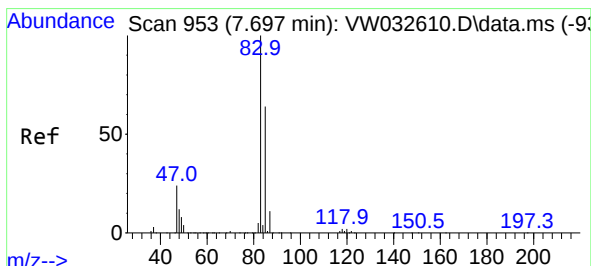
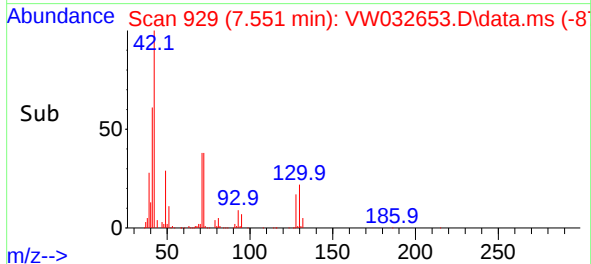
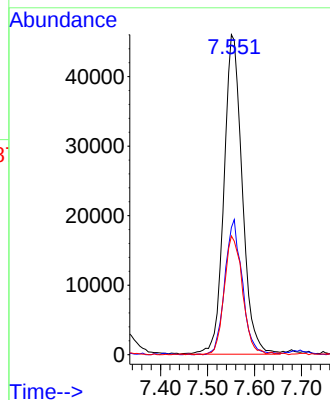
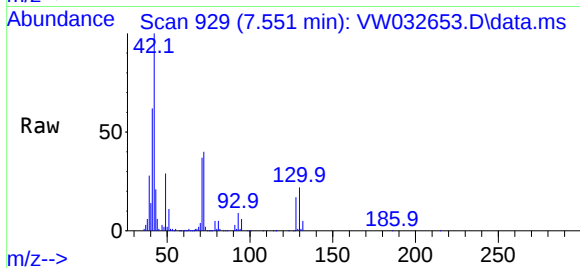
Tgt Ion: 42 Resp: 124690

Ion Ratio Lower Upper

42 100

72 40.4 33.2 49.8

71 37.2 30.7 46.1



#30

Chloroform

Concen: 19.242 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032653.D

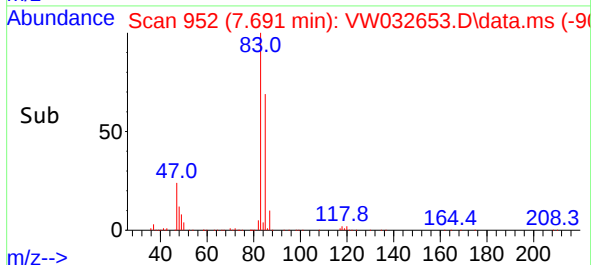
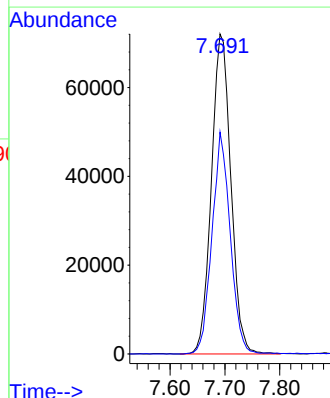
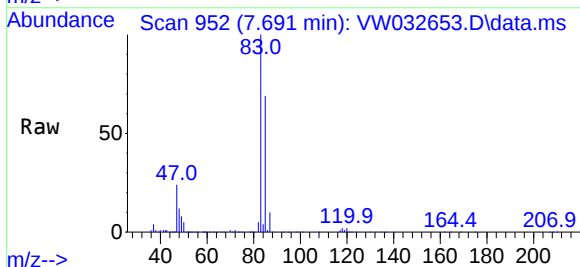
Acq: 16 Dec 2025 13:49

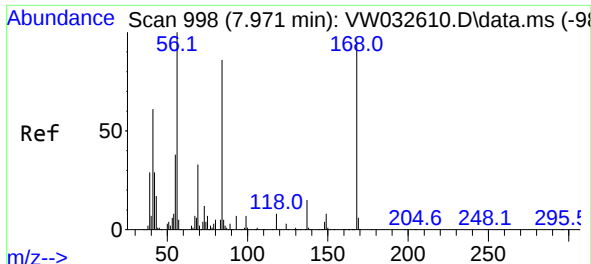
Tgt Ion: 83 Resp: 177366

Ion Ratio Lower Upper

83 100

85 69.3 51.4 77.2

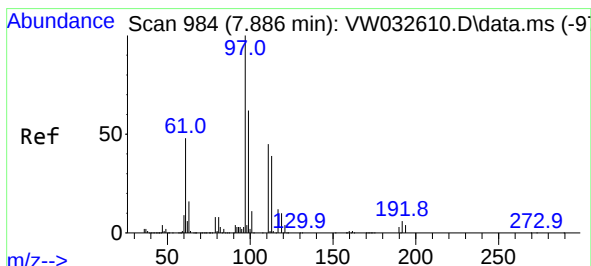
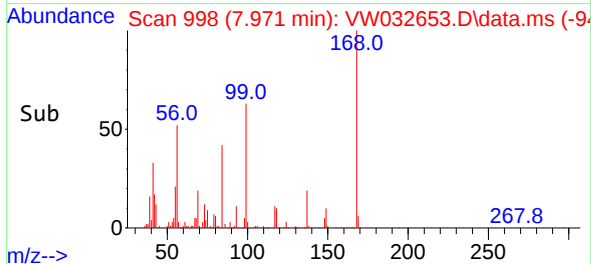
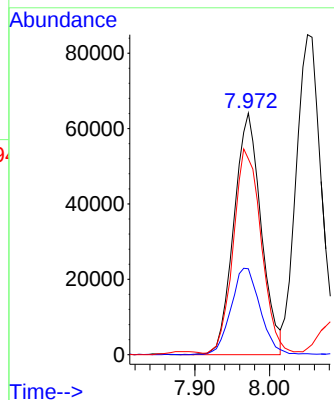
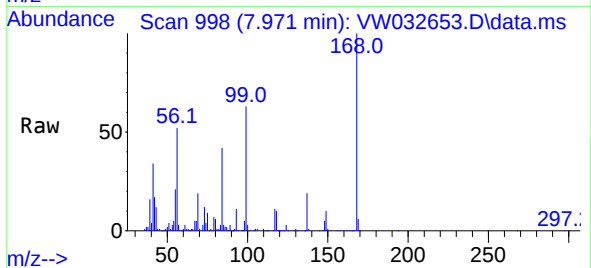




#31
Cyclohexane
Concen: 18.928 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

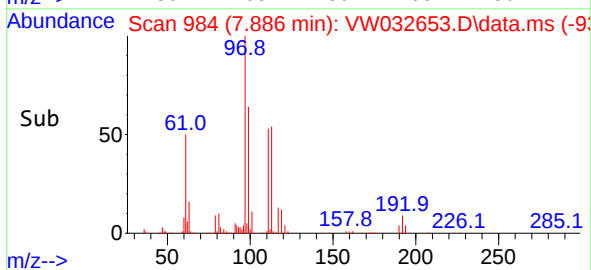
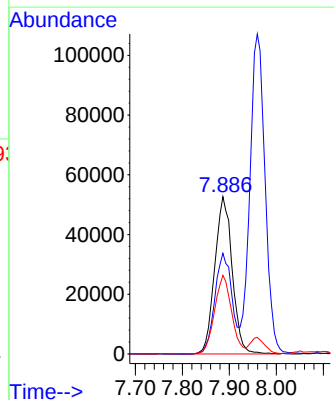
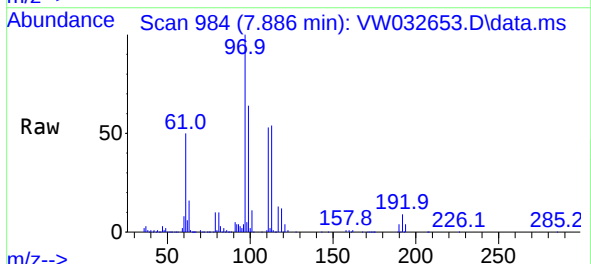
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

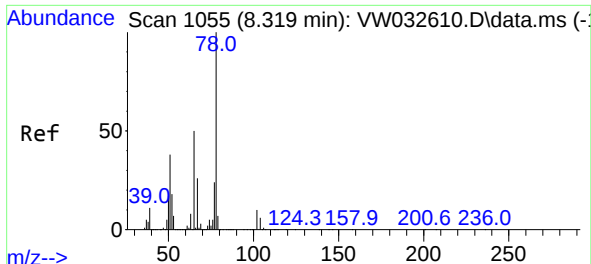
Tgt Ion: 56 Resp: 162511
Ion Ratio Lower Upper
56 100
69 35.6 26.2 39.2
84 79.8 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 19.395 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 97 Resp: 136157
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 48.4 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 23.002 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

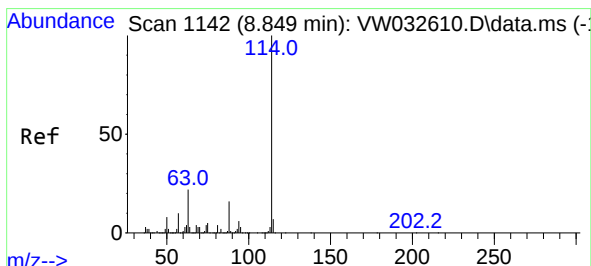
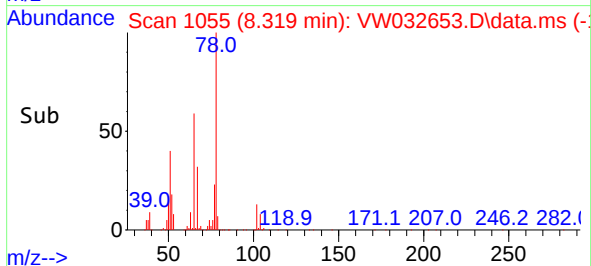
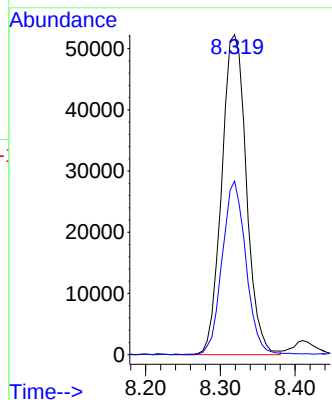
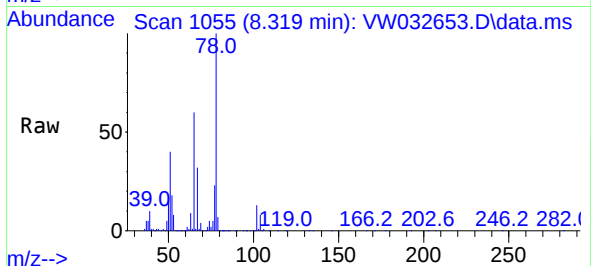
VSTDICC020

Tgt Ion: 65 Resp: 120156

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

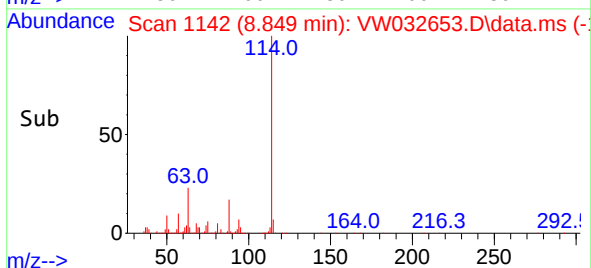
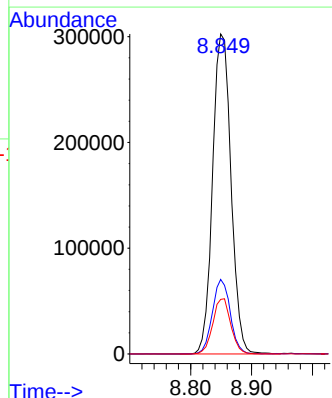
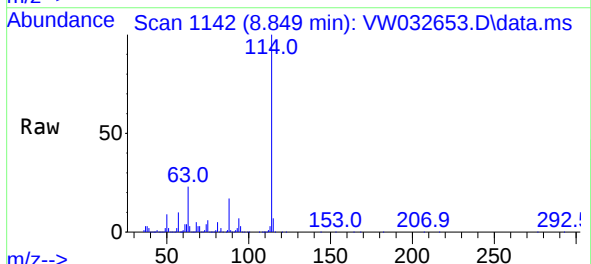
Tgt Ion: 114 Resp: 635071

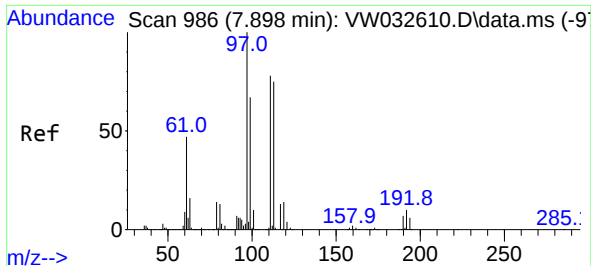
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 17.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 23.428 ug/l

RT: 7.898 min Scan# 9

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

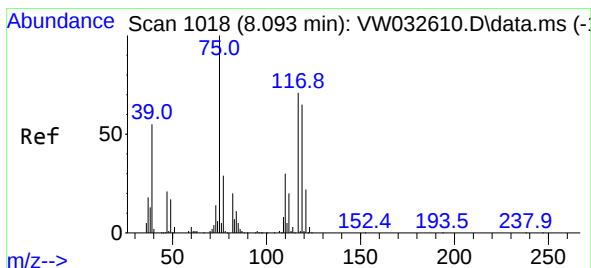
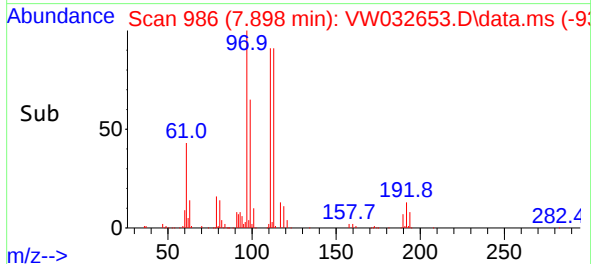
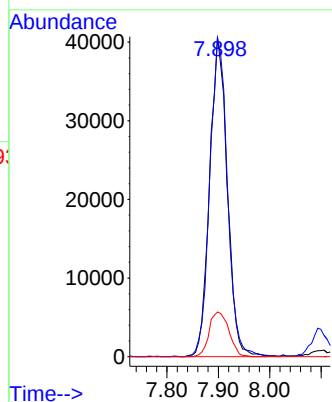
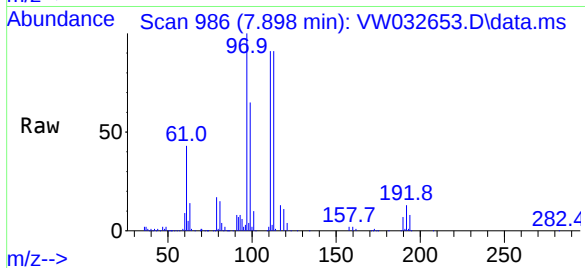
Tgt Ion:113 Resp: 96687

Ion Ratio Lower Upper

113 100

111 100.4 85.2 127.8

192 15.6 13.3 19.9



#36

1,1-Dichloropropene

Concen: 19.847 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

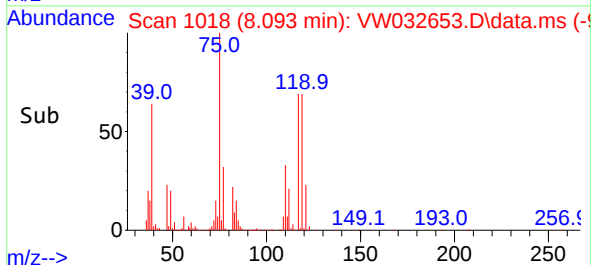
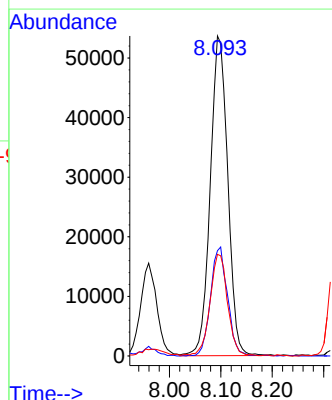
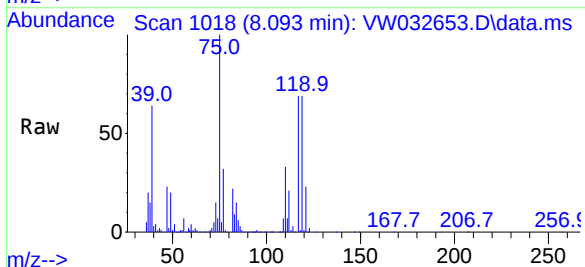
Tgt Ion: 75 Resp: 126848

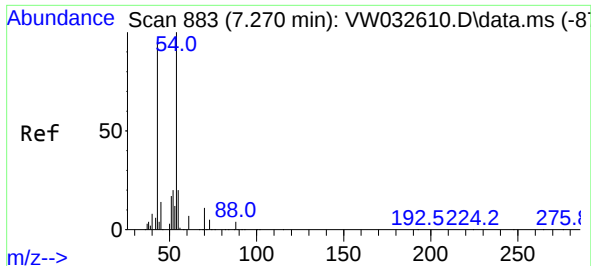
Ion Ratio Lower Upper

75 100

110 33.1 16.3 48.9

77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 20.829 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.012 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

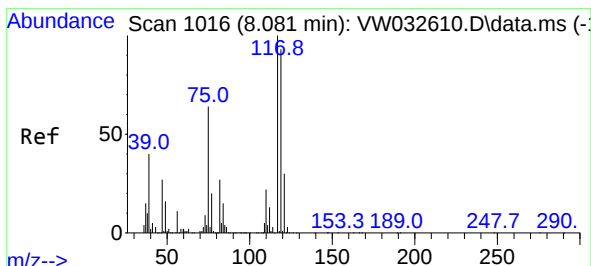
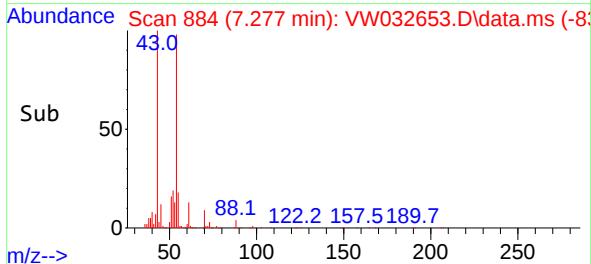
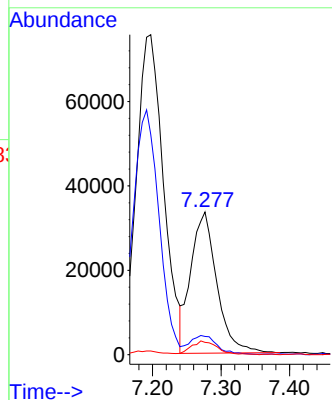
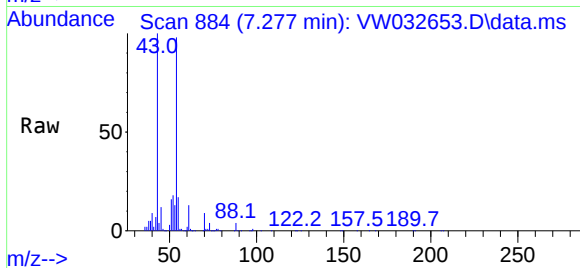
Tgt Ion: 43 Resp: 88407

Ion Ratio Lower Upper

43 100

61 13.3 10.3 15.5

70 9.7 7.7 11.5



#38

Carbon Tetrachloride

Concen: 19.307 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.012 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

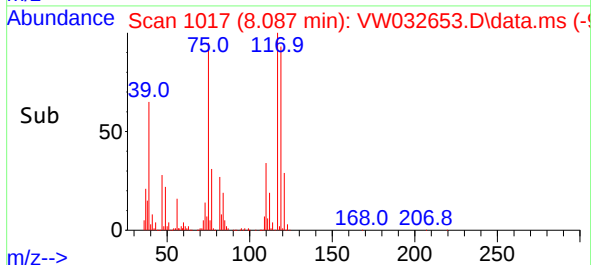
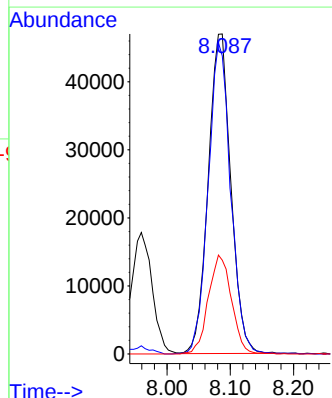
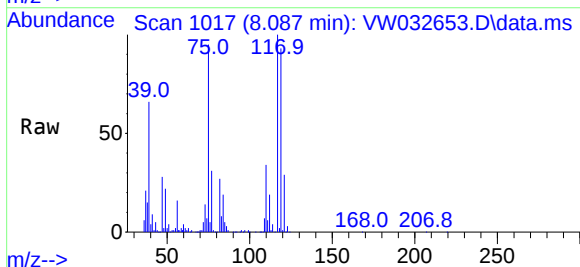
Tgt Ion: 117 Resp: 116805

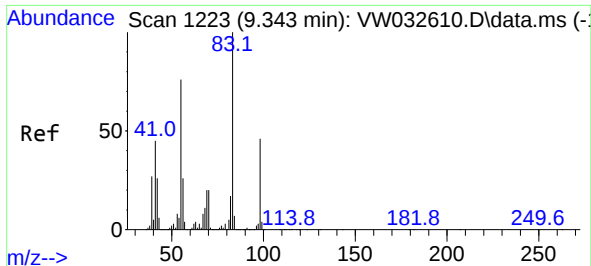
Ion Ratio Lower Upper

117 100

119 93.1 74.3 111.5

121 29.4 23.6 35.4





#39

Methylcyclohexane

Concen: 19.159 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

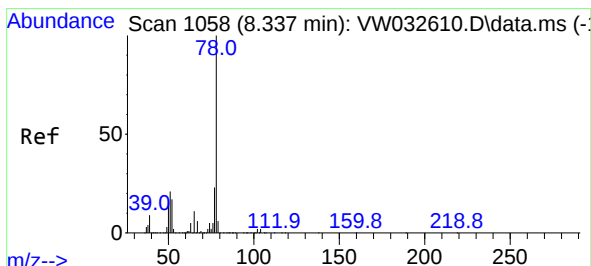
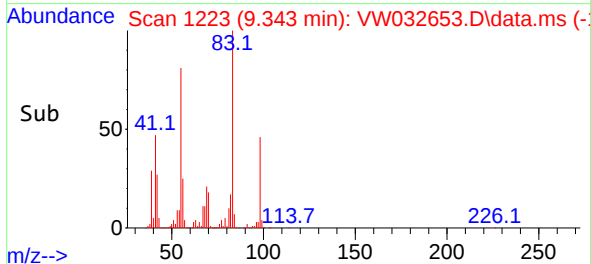
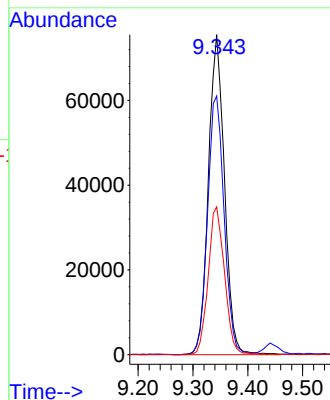
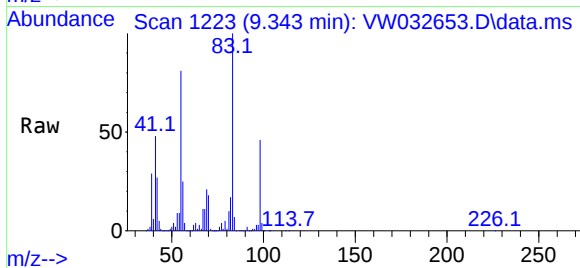
Tgt Ion: 83 Resp: 153346

Ion Ratio Lower Upper

83 100

55 80.8 61.2 91.8

98 46.2 37.0 55.4



#40

Benzene

Concen: 19.973 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VW032653.D

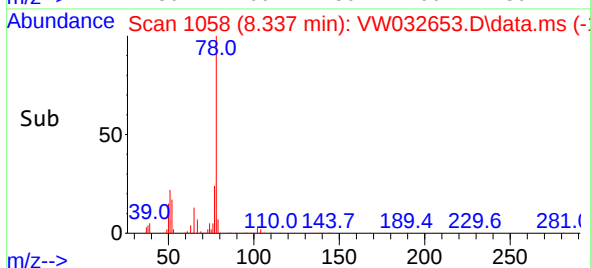
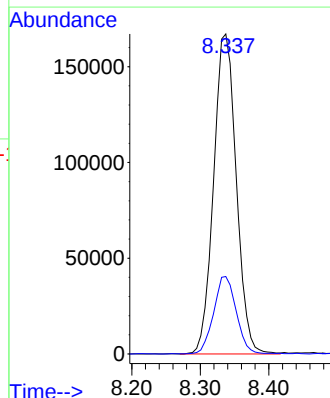
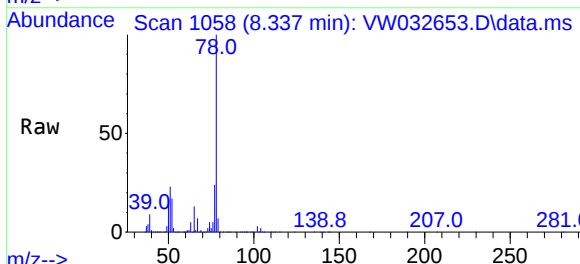
Acq: 16 Dec 2025 13:49

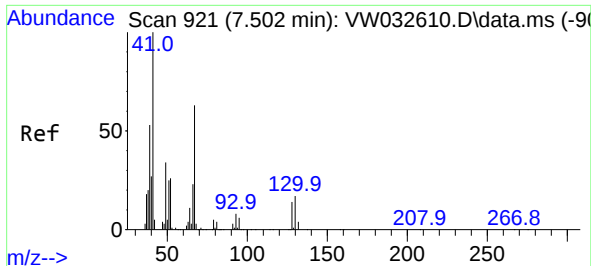
Tgt Ion: 78 Resp: 383432

Ion Ratio Lower Upper

78 100

77 24.2 18.6 28.0



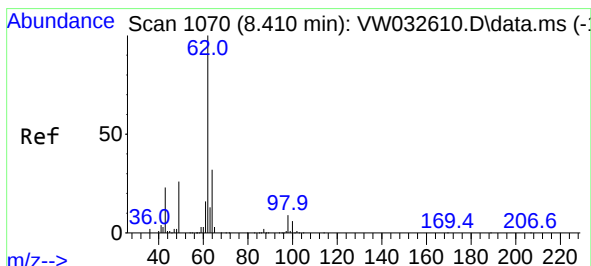
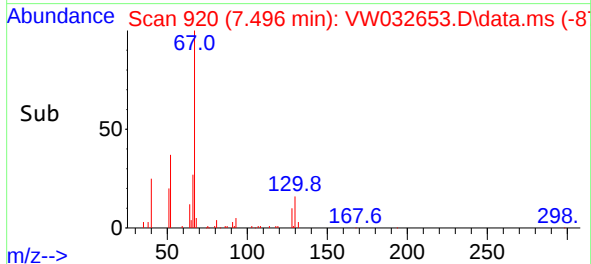
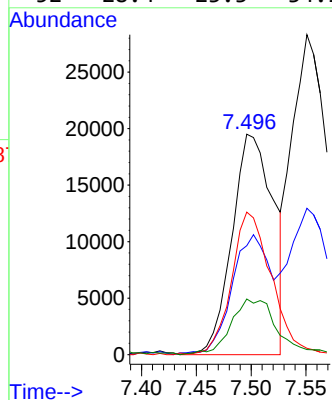
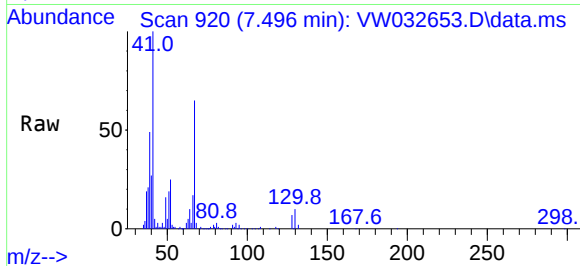


#41
Methacrylonitrile
Concen: 21.717 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 51096

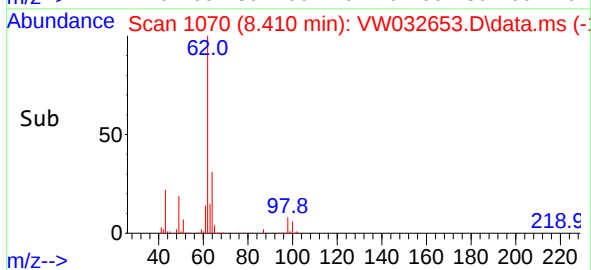
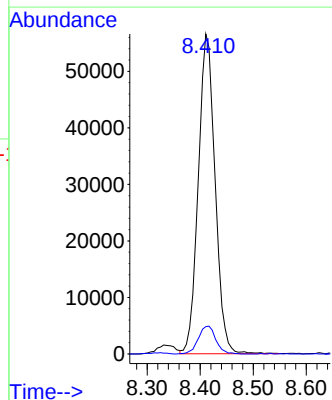
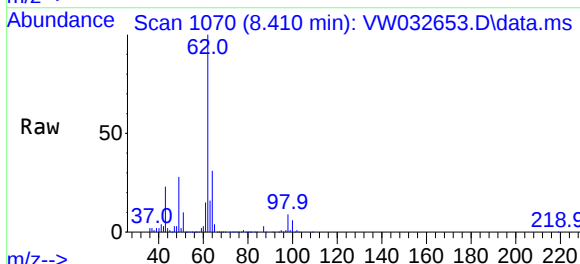
Ion	Ratio	Lower	Upper
41	100		
39	49.7	47.3	70.9
67	62.6	55.9	83.9
52	28.4	23.3	34.9

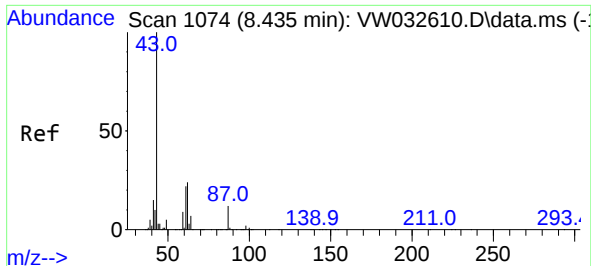


#42
1,2-Dichloroethane
Concen: 20.537 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 62 Resp: 124757

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

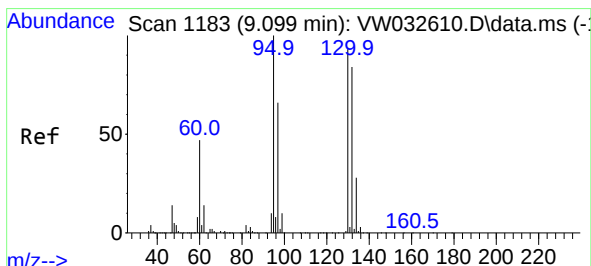
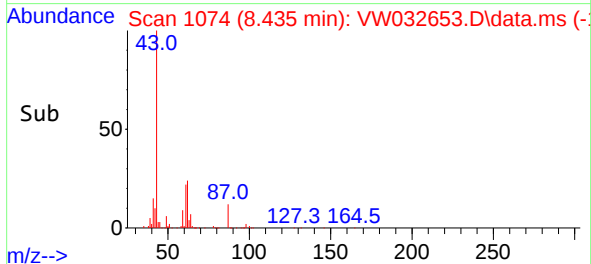
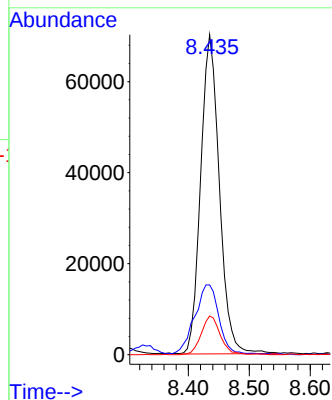
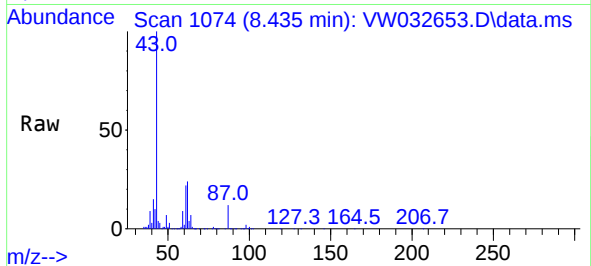




#43
Isopropyl Acetate
Concen: 20.260 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

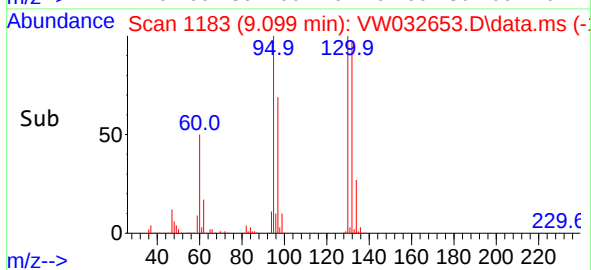
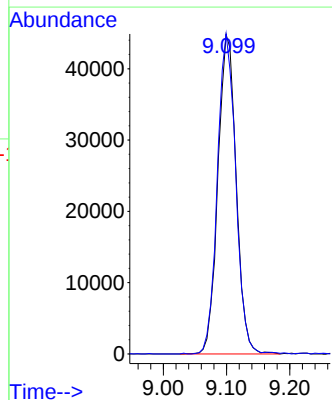
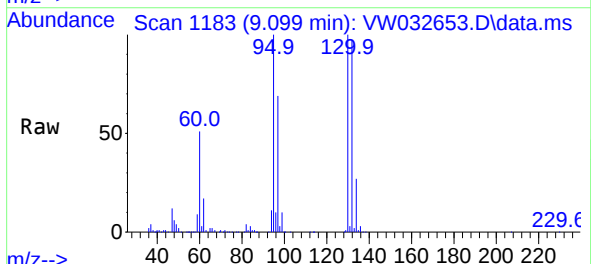
Instrument : MSVOA_W
ClientSampleId : VSTDICC020

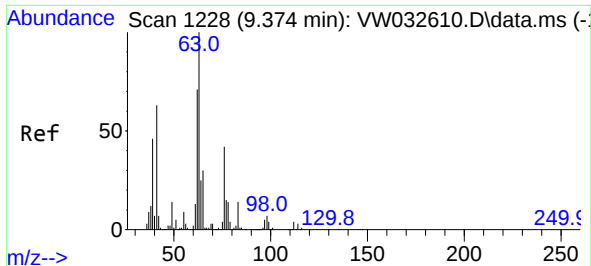
Tgt Ion: 43 Resp: 149703
Ion Ratio Lower Upper
43 100
61 28.3 22.7 34.1
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 20.194 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:130 Resp: 89663
Ion Ratio Lower Upper
130 100
95 100.2 0.0 215.6





#45

1,2-Dichloropropane

Concen: 19.951 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

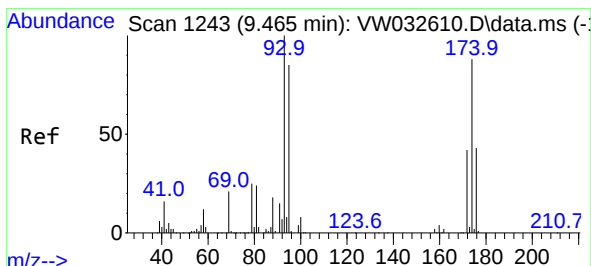
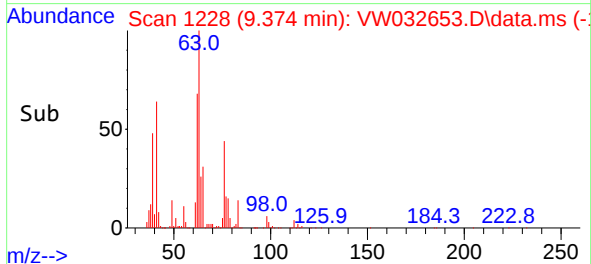
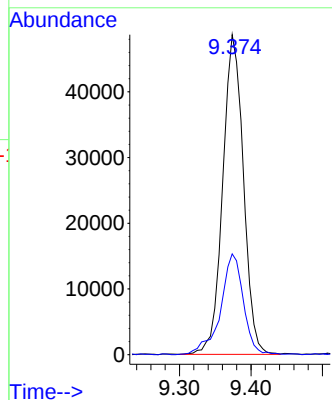
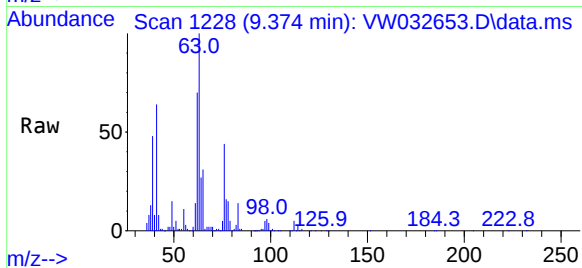
VSTDICC020

Tgt Ion: 63 Resp: 97683

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 20.351 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

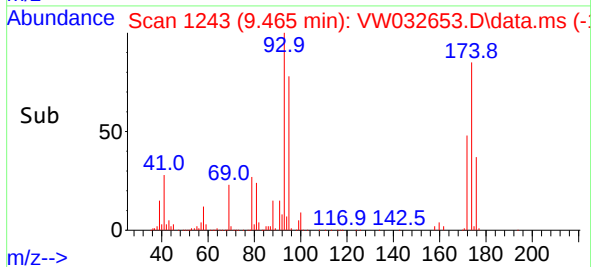
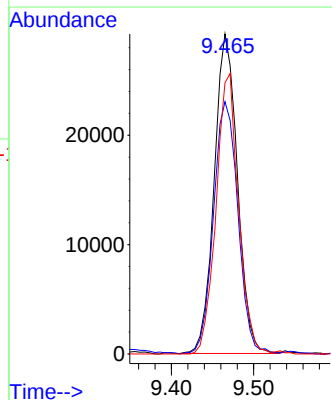
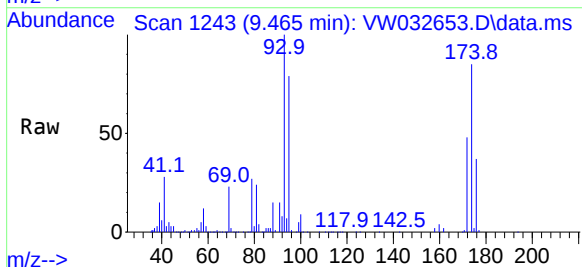
Tgt Ion: 93 Resp: 57319

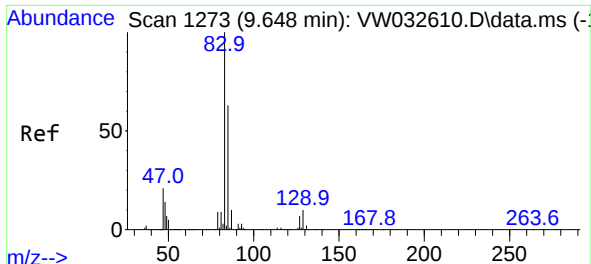
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 84.6 67.6 101.4

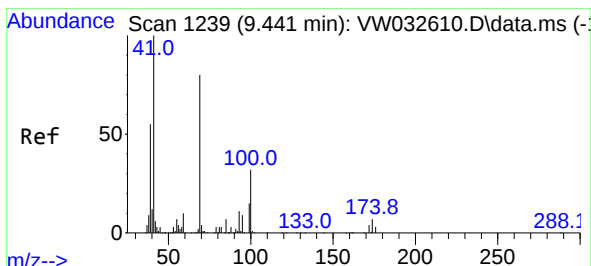
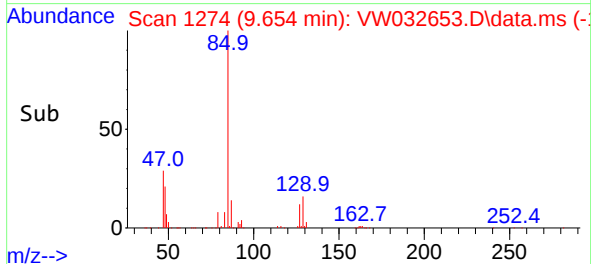
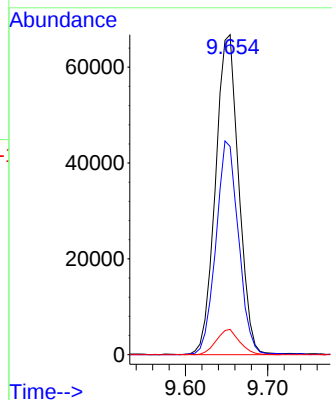
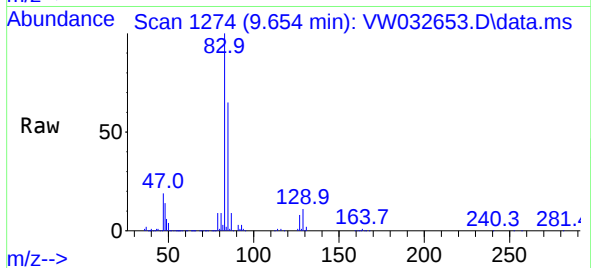




#47
Bromodichloromethane
Concen: 19.743 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

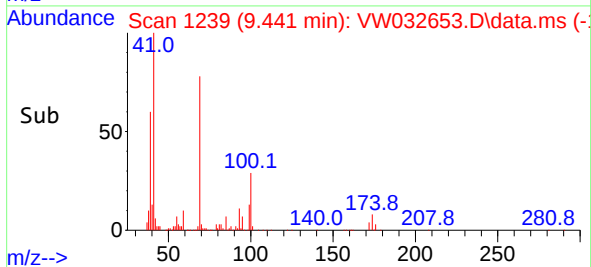
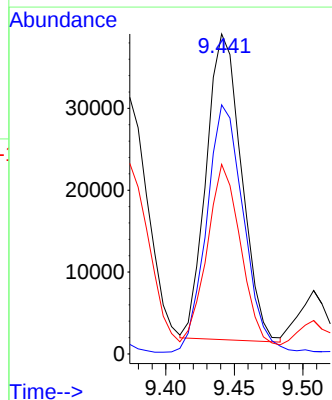
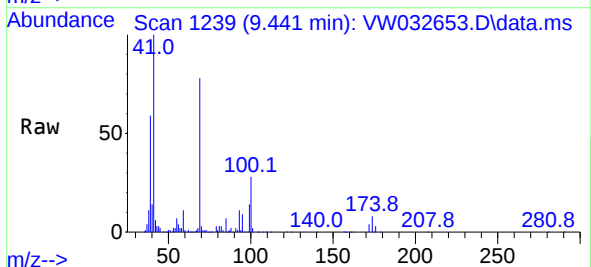
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

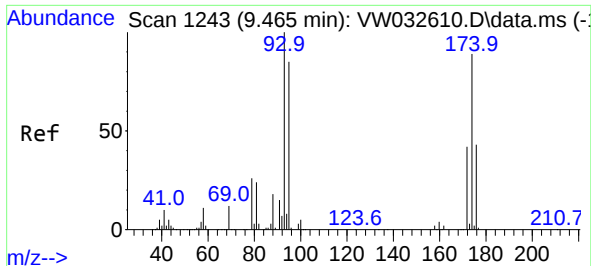
Tgt Ion: 83 Resp: 131056
Ion Ratio Lower Upper
83 100
85 65.1 50.7 76.1
127 7.9 6.0 9.0



#48
Methyl methacrylate
Concen: 18.735 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 41 Resp: 66650
Ion Ratio Lower Upper
41 100
69 86.7 67.9 101.9
39 56.8 43.8 65.8

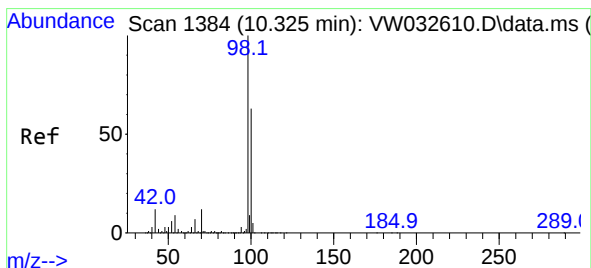
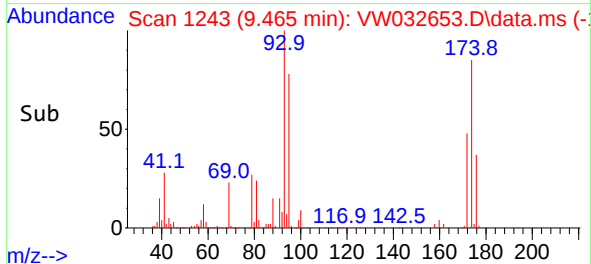
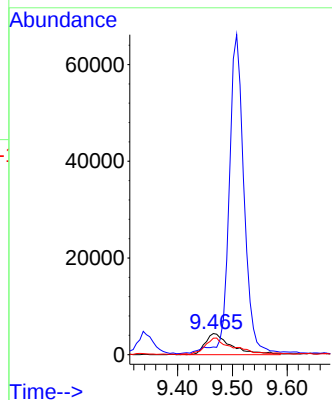
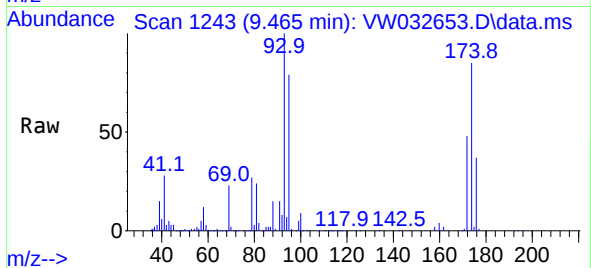




#49
1,4-Dioxane
Concen: 405.419 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

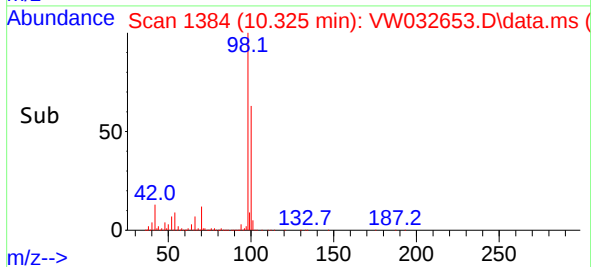
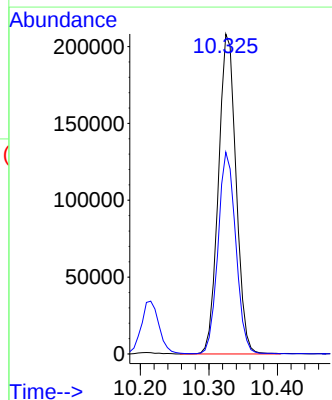
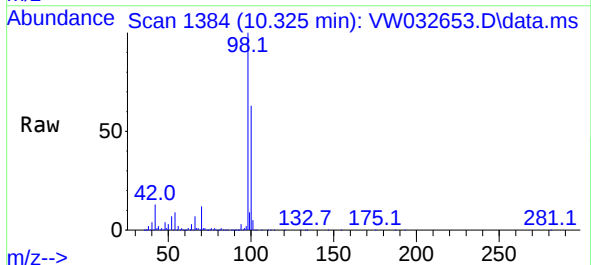
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

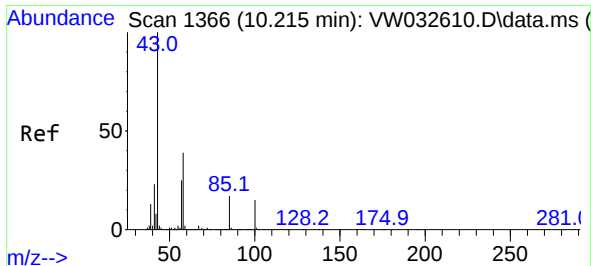
Tgt Ion: 88 Resp: 14488
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 84.8 63.8 95.8



#50
Toluene-d8
Concen: 23.873 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 98 Resp: 371252
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.2

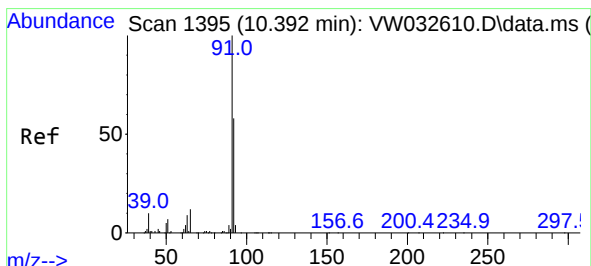
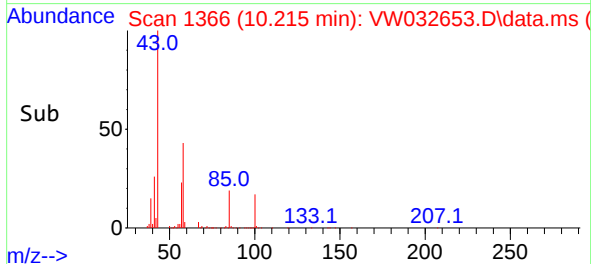
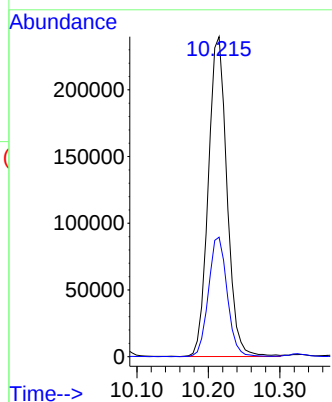
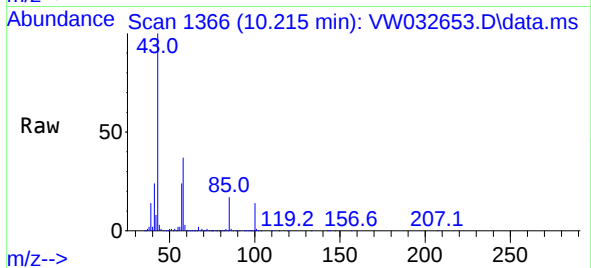




#51
4-Methyl-2-Pentanone
Concen: 104.909 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

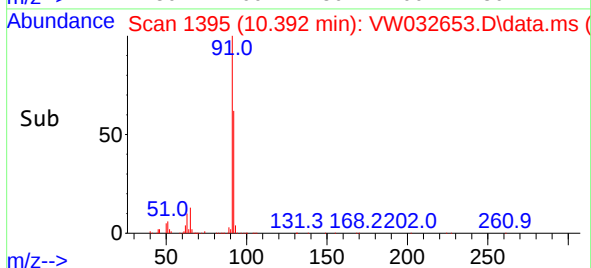
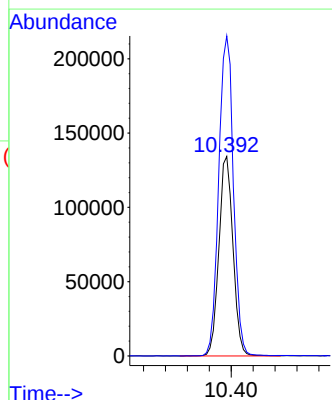
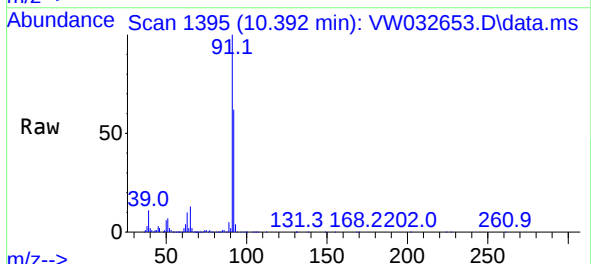
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

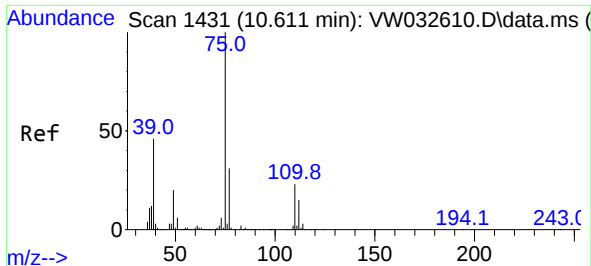
Tgt Ion: 43 Resp: 435376
Ion Ratio Lower Upper
43 100
58 37.5 30.6 45.8



#52
Toluene
Concen: 20.288 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 92 Resp: 239837
Ion Ratio Lower Upper
92 100
91 167.1 137.6 206.4

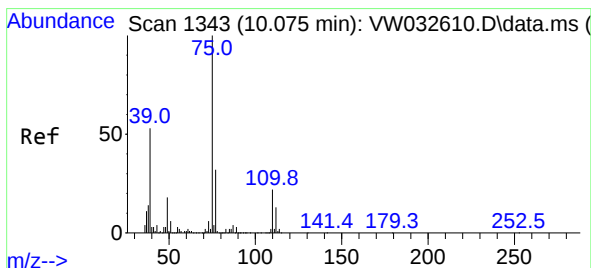
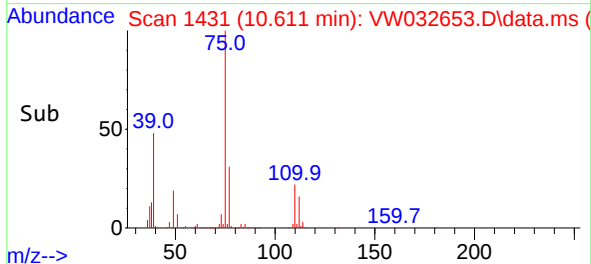
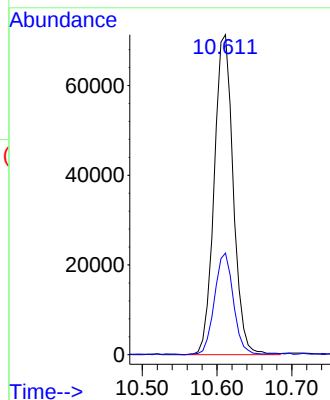
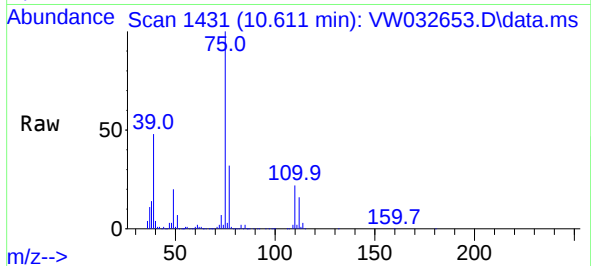




#53
t-1,3-Dichloropropene
Concen: 19.569 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

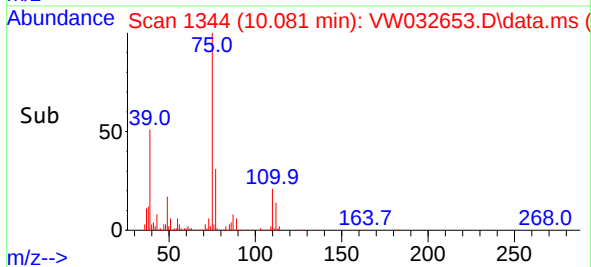
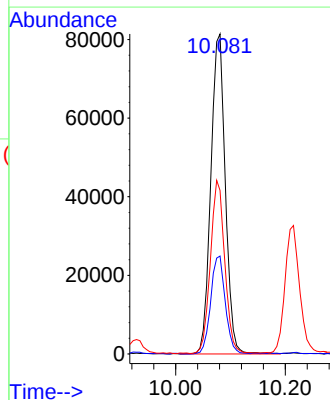
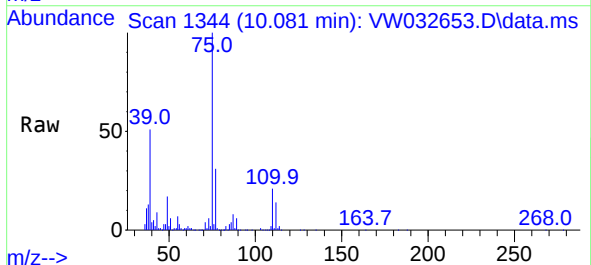
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

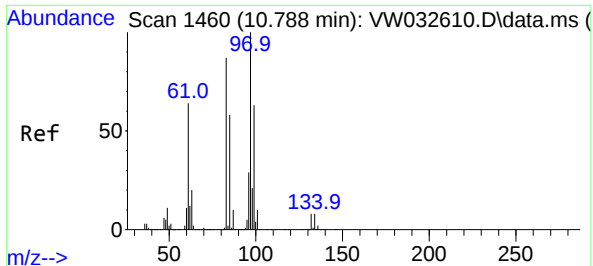
Tgt Ion: 75 Resp: 126388
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.814 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 75 Resp: 148831
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0
39 50.8 42.5 63.7



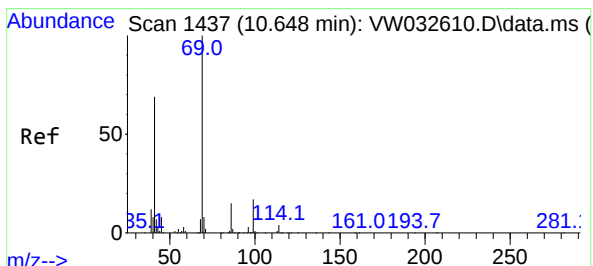
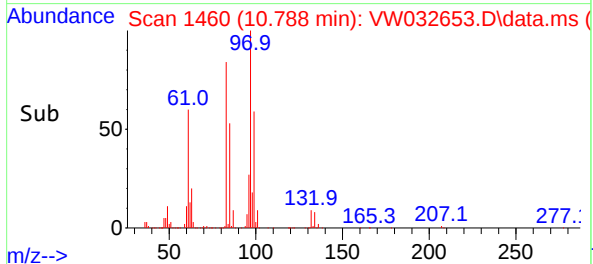
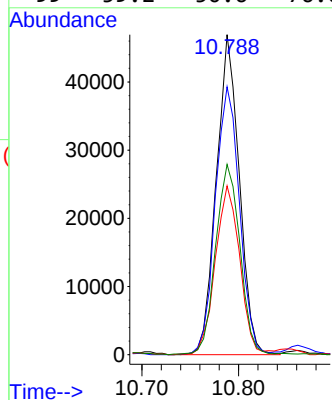
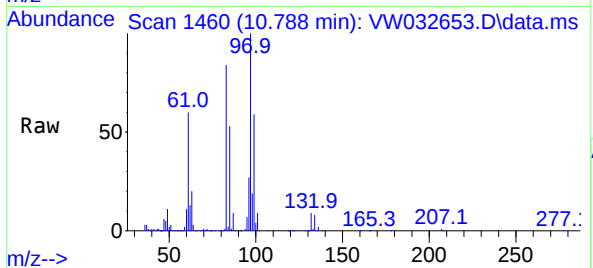


#55
1,1,2-Trichloroethane
Concen: 20.245 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 77308

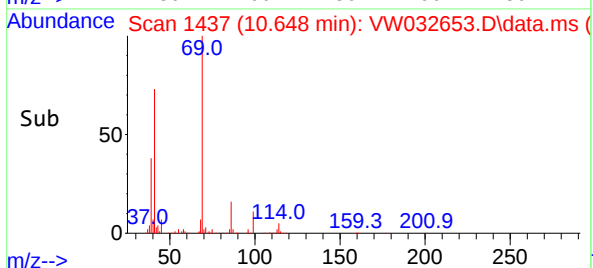
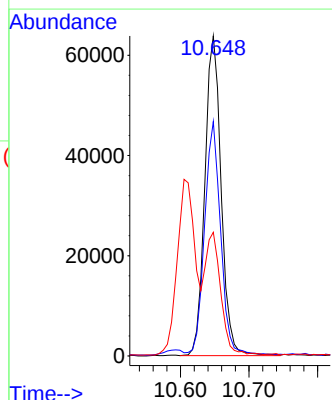
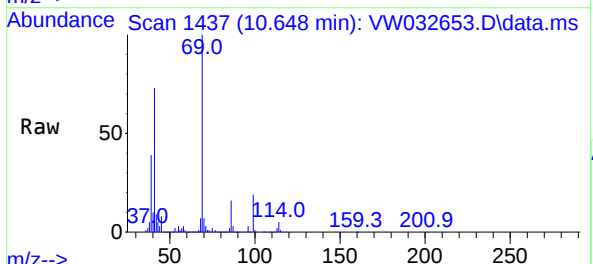
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.3	103.9
85	52.6	46.1	69.1
99	59.2	50.6	76.0

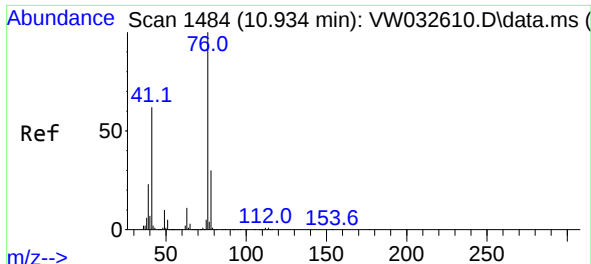


#56
Ethyl methacrylate
Concen: 19.885 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 69 Resp: 105449

Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.0	85.6
39	36.3	27.2	40.8

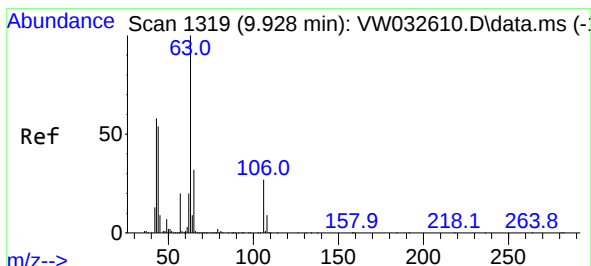
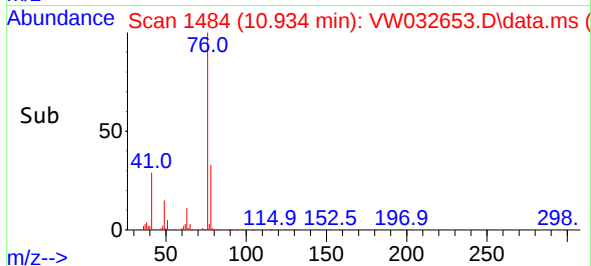
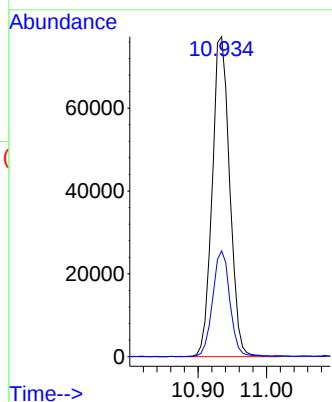
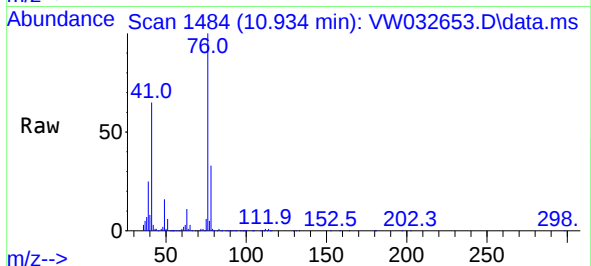




#57
1,3-Dichloropropane
Concen: 20.273 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

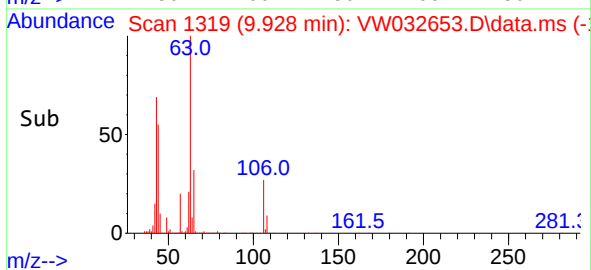
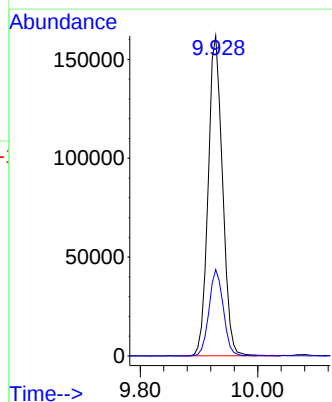
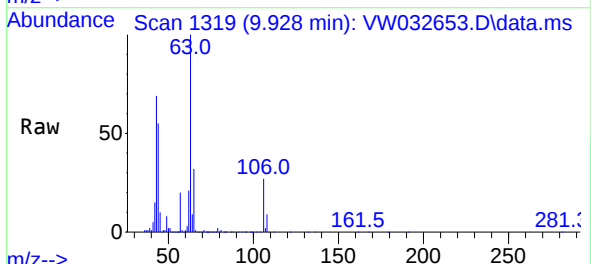
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

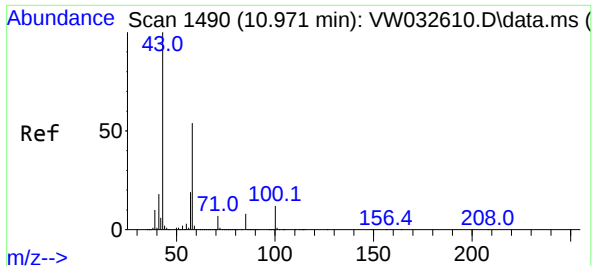
Tgt Ion: 76 Resp: 137140
Ion Ratio Lower Upper
76 100
78 32.7 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 111.119 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.001 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 63 Resp: 274354
Ion Ratio Lower Upper
63 100
106 26.9 21.3 31.9





#59

2-Hexanone

Concen: 106.439 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

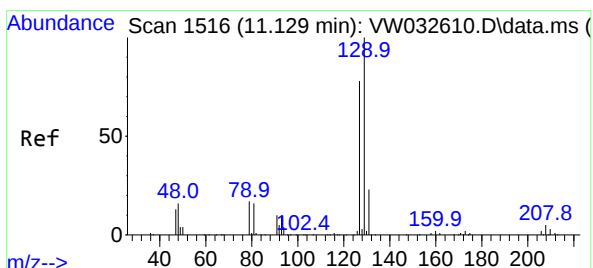
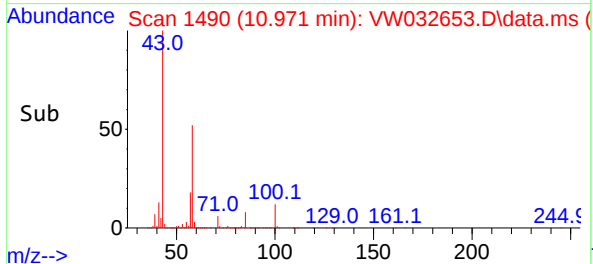
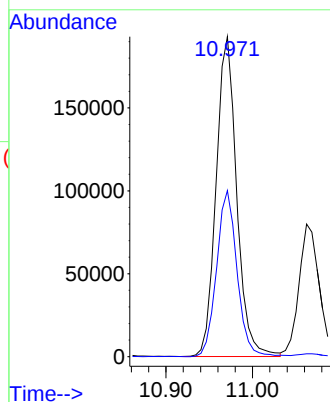
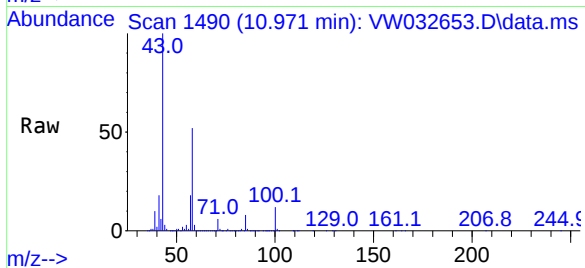
MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 318216

Ion	Ratio	Lower	Upper
43	100		
58	51.6	26.3	78.9



#60

Dibromochloromethane

Concen: 19.542 ug/l

RT: 11.123 min Scan# 1515

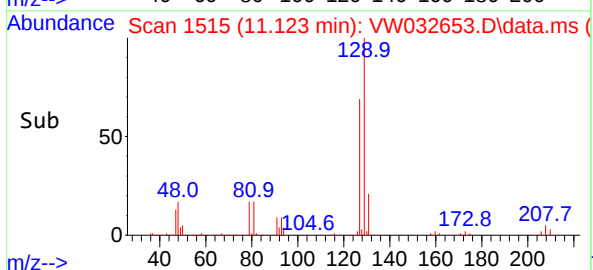
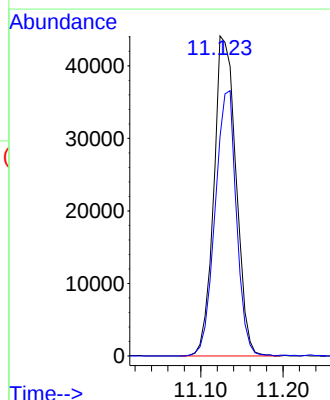
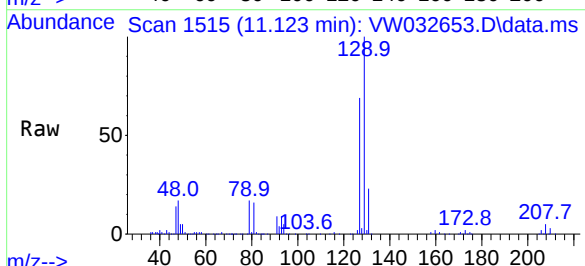
Delta R.T. -0.006 min

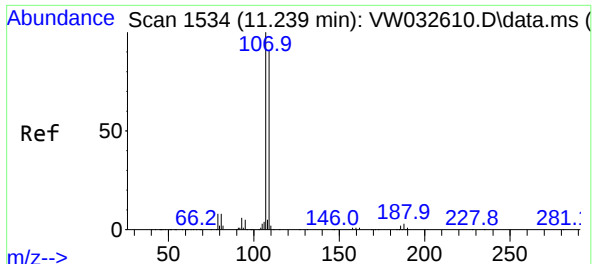
Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Tgt Ion:129 Resp: 82693

Ion	Ratio	Lower	Upper
129	100		
127	79.7	37.2	111.6

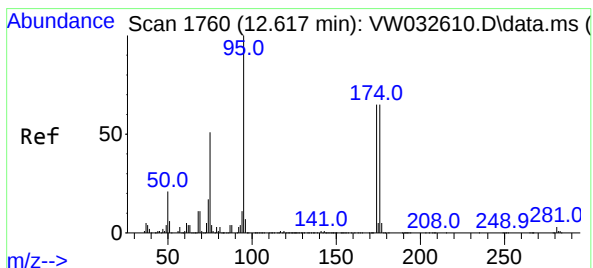
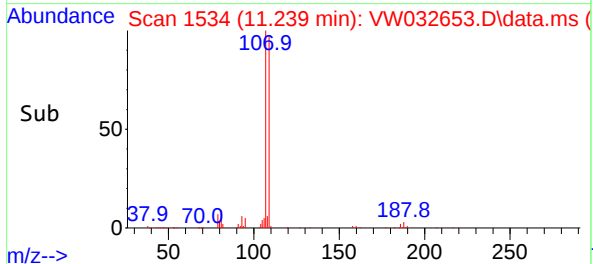
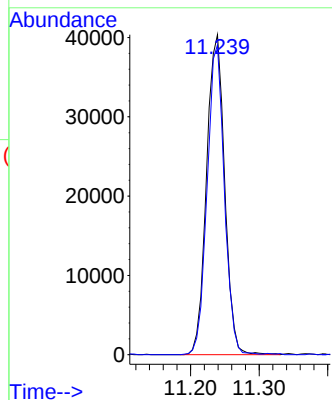
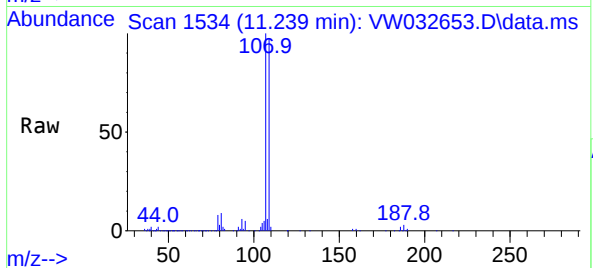




#61
1,2-Dibromoethane
Concen: 20.364 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

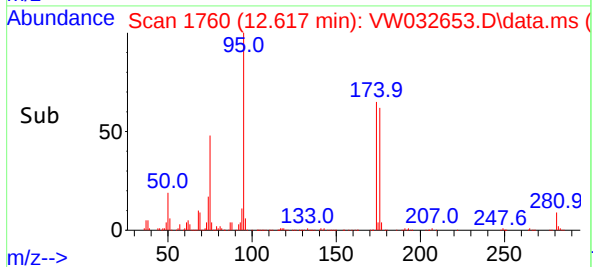
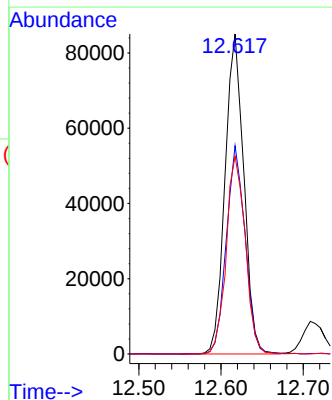
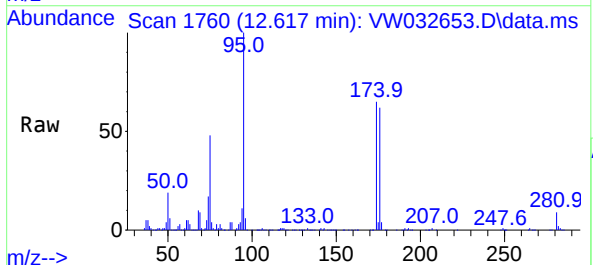
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

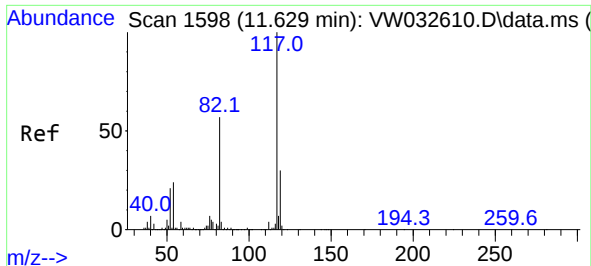
Tgt Ion:107 Resp: 74127
Ion Ratio Lower Upper
107 100
109 92.1 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 23.571 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 95 Resp: 134826
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.0
176 62.6 0.0 123.4

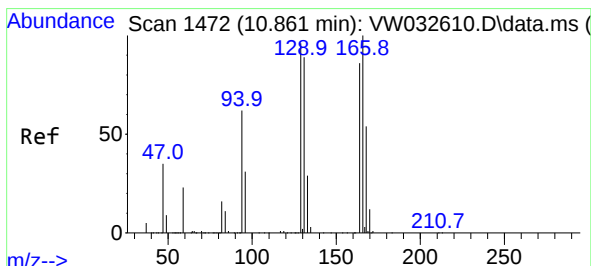
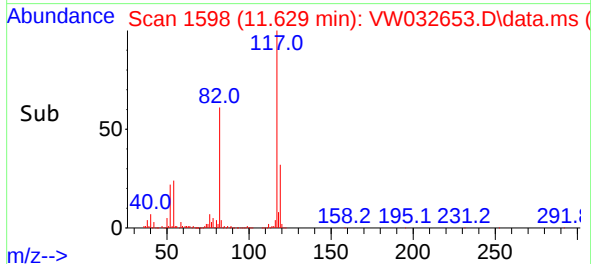
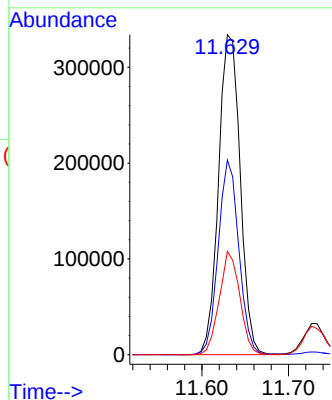
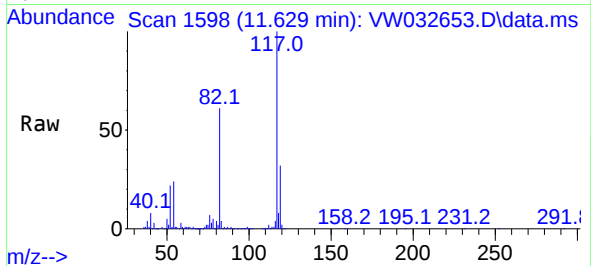




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

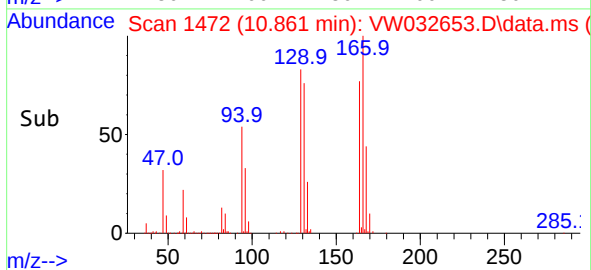
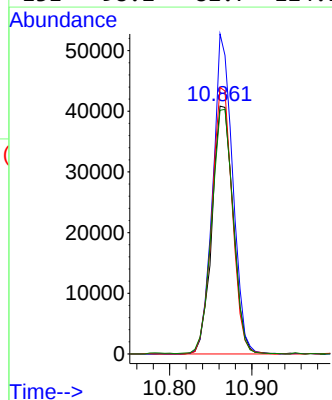
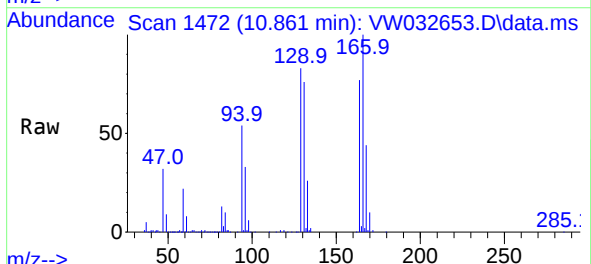
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

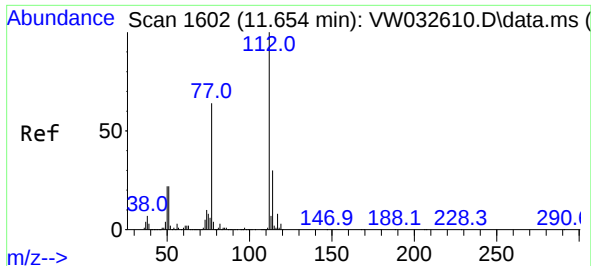
Tgt Ion:117 Resp: 580863
Ion Ratio Lower Upper
117 100
82 60.8 45.5 68.3
119 32.3 23.8 35.8



#64
Tetrachloroethene
Concen: 19.706 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:164 Resp: 73021
Ion Ratio Lower Upper
164 100
166 129.1 93.0 139.6
129 107.6 89.2 133.8
131 98.2 82.7 124.1

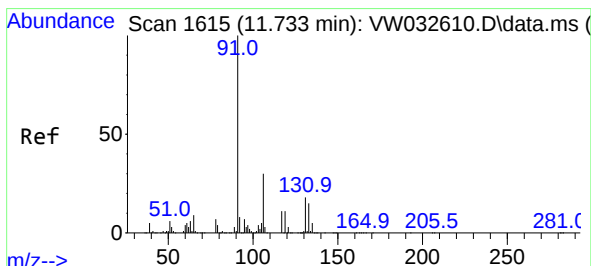
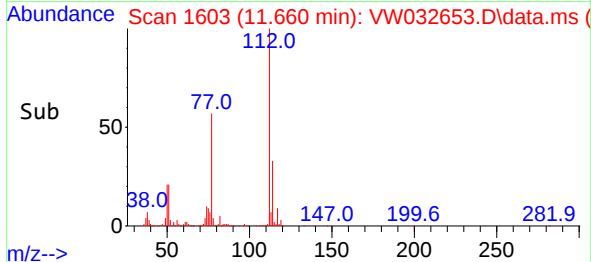
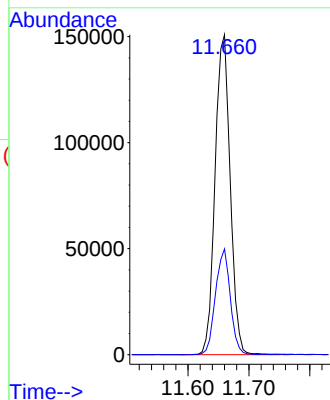
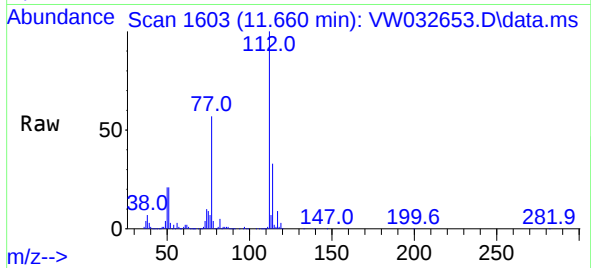




#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

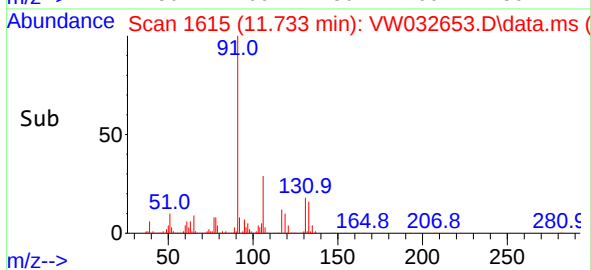
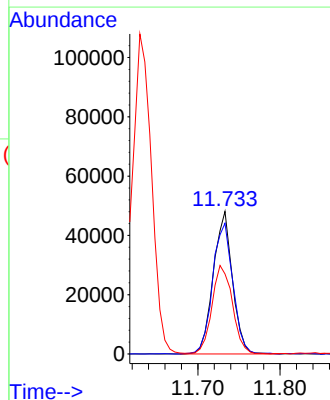
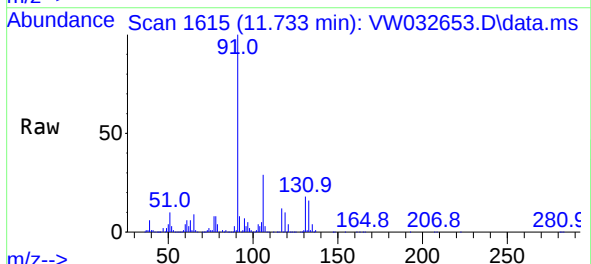
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

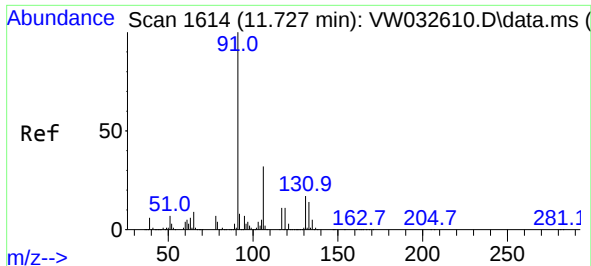
Tgt Ion:112 Resp: 260255
Ion Ratio Lower Upper
112 100
114 33.0 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.233 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:131 Resp: 77726
Ion Ratio Lower Upper
131 100
133 97.4 44.0 132.1
119 66.2 32.0 96.2

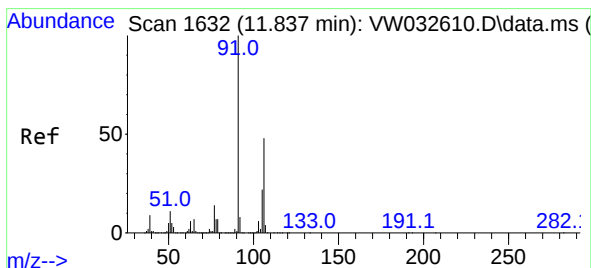
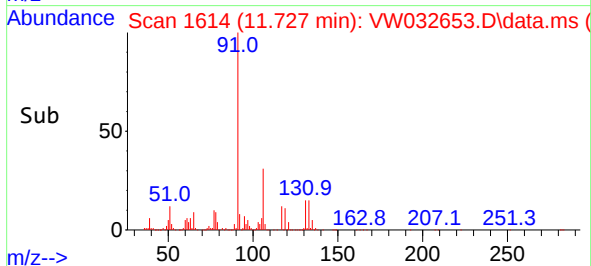
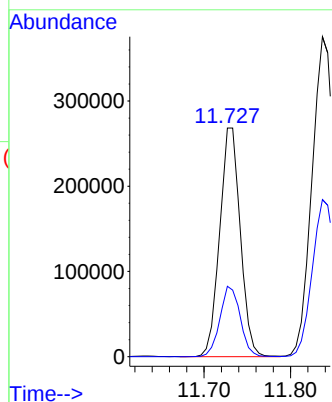
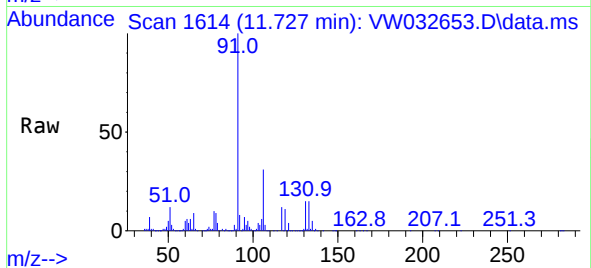




#67
Ethyl Benzene
Concen: 19.688 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

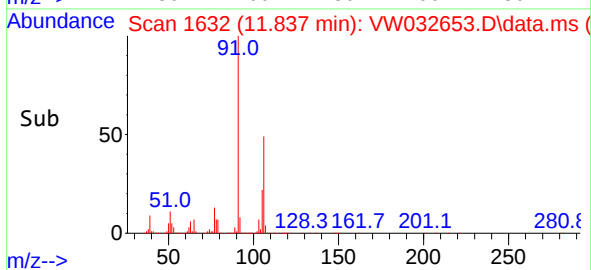
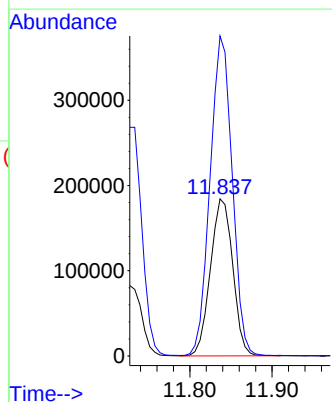
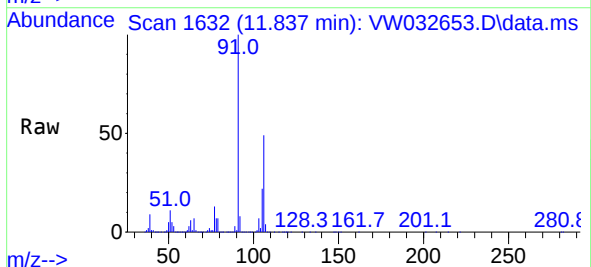
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

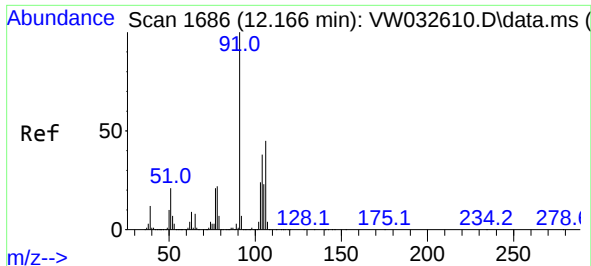
Tgt Ion: 91 Resp: 444241
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.6



#68
m/p-Xylenes
Concen: 40.345 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:106 Resp: 347208
Ion Ratio Lower Upper
106 100
91 202.5 165.6 248.4

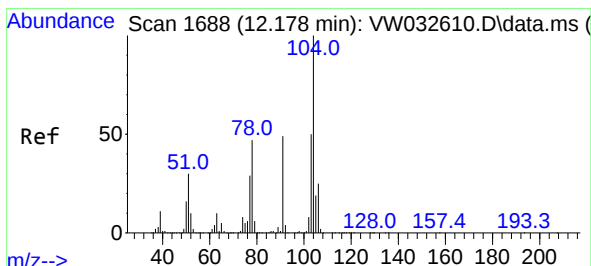
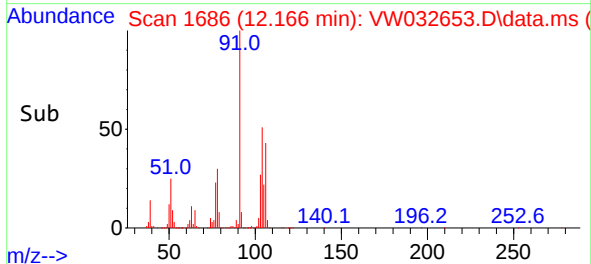
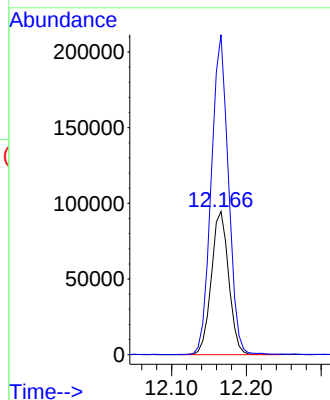
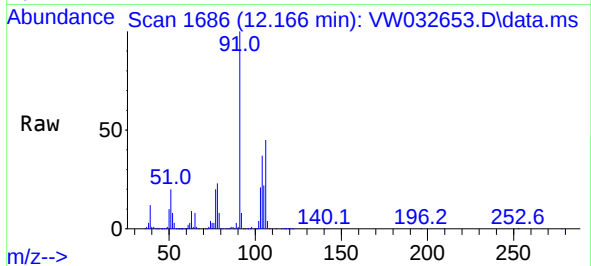




#69
o-Xylene
Concen: 19.500 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

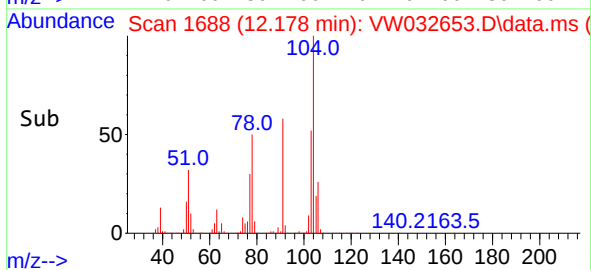
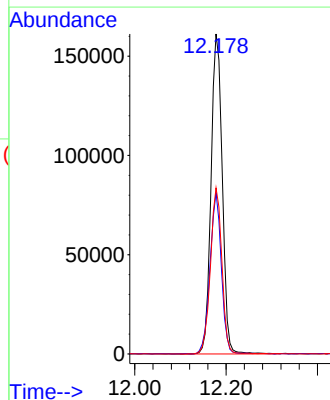
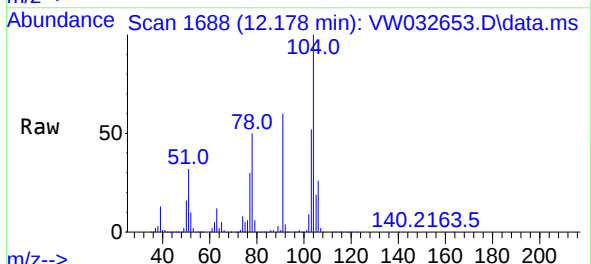
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

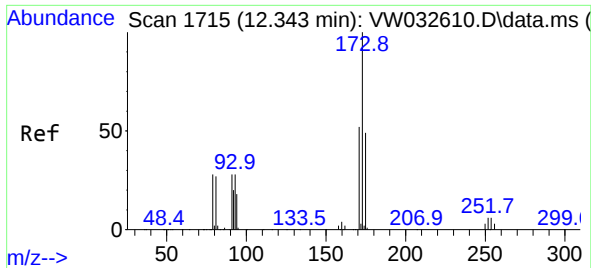
Tgt Ion:106 Resp: 153315
Ion Ratio Lower Upper
106 100
91 220.3 108.3 324.8



#70
Styrene
Concen: 20.113 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:104 Resp: 275531
Ion Ratio Lower Upper
104 100
78 51.0 41.5 62.3
103 53.1 43.8 65.6

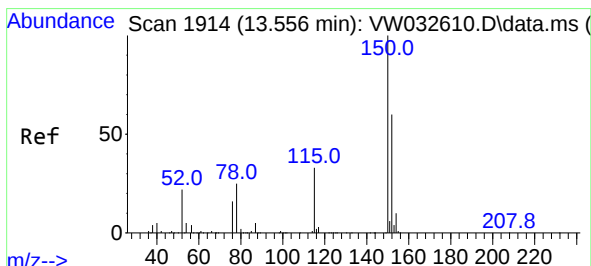
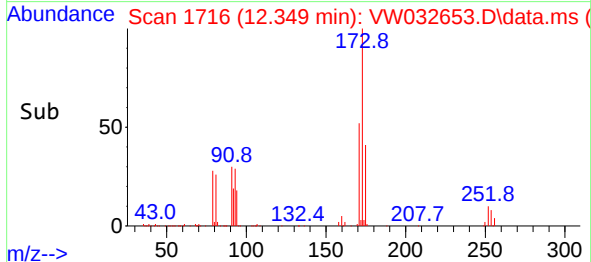
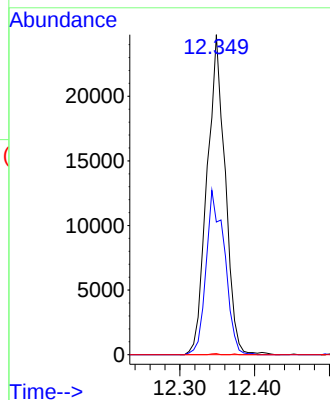
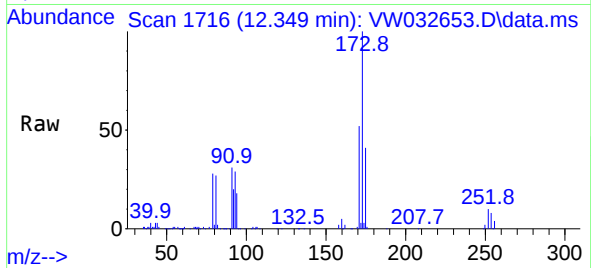




#71
Bromoform
Concen: 18.461 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

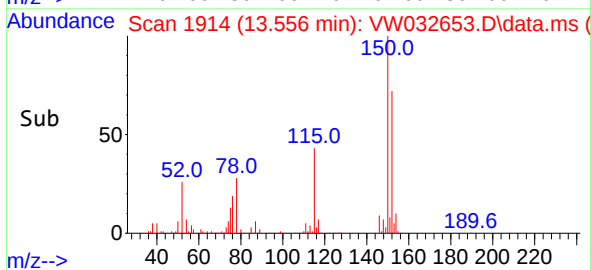
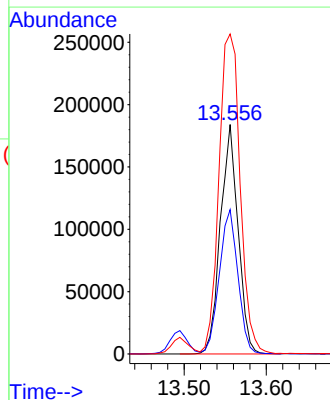
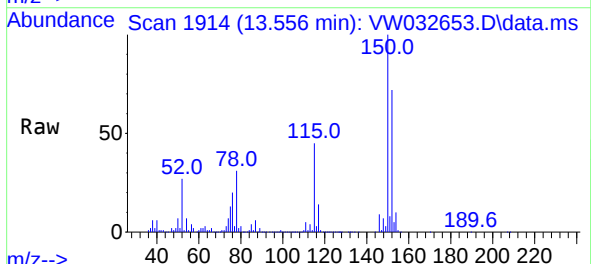
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

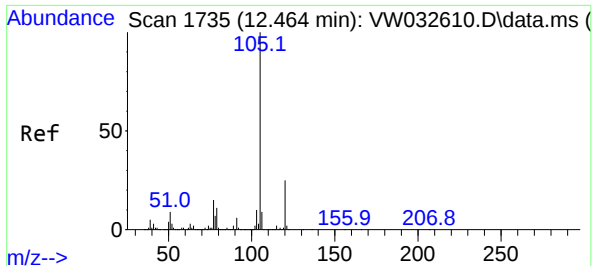
Tgt Ion:173 Resp: 41682
Ion Ratio Lower Upper
173 100
175 52.4 24.9 74.7
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:152 Resp: 275082
Ion Ratio Lower Upper
152 100
115 66.0 33.8 101.3
150 167.5 0.0 369.4

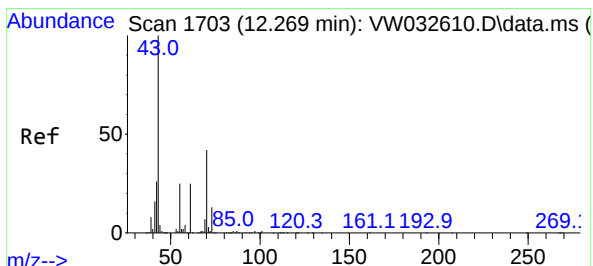
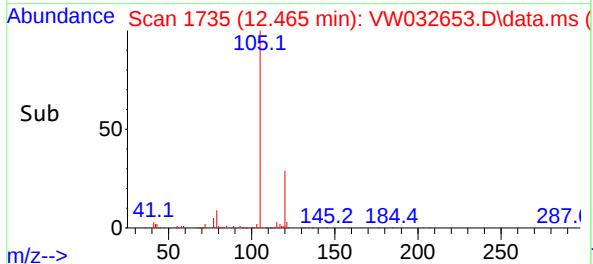
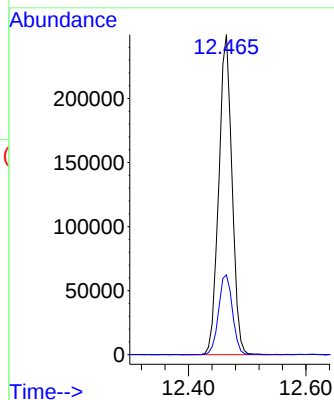
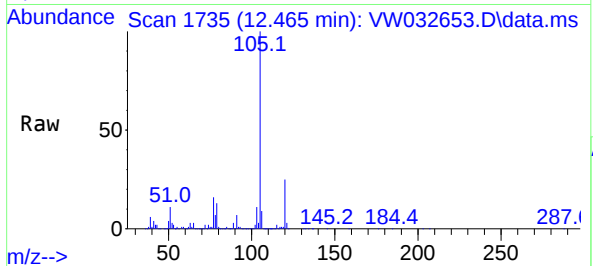




#73
Isopropylbenzene
Concen: 18.822 ug/l
RT: 12.465 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

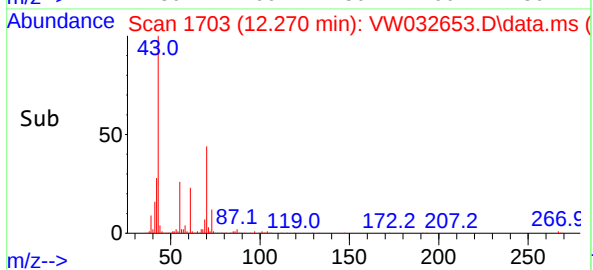
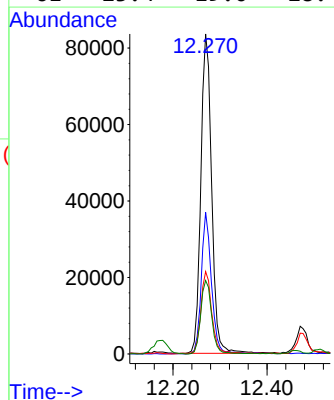
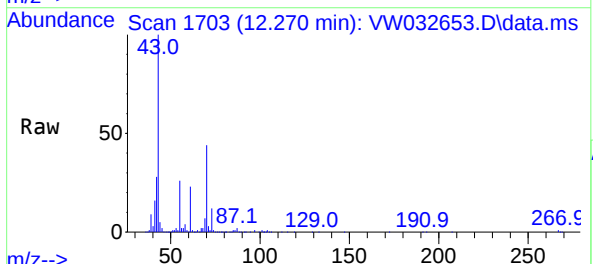
Instrument :
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ClientSampleId :
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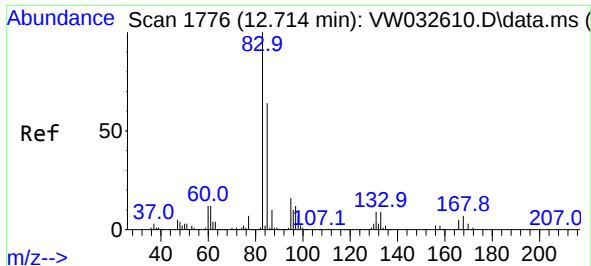
Tgt Ion:105 Resp: 389582
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 19.824 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 43 Resp: 134054
Ion Ratio Lower Upper
43 100
70 41.7 32.4 48.6
55 26.5 19.8 29.6
61 23.4 19.0 28.4

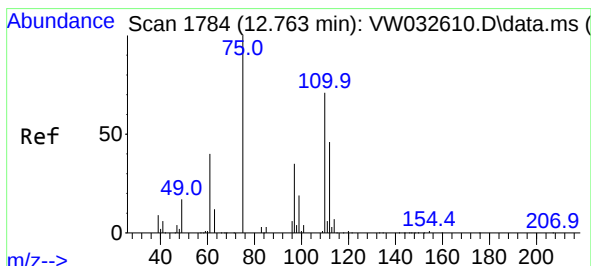
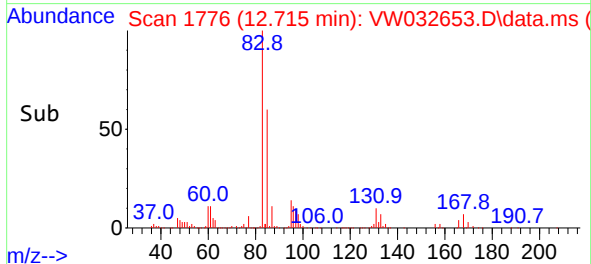
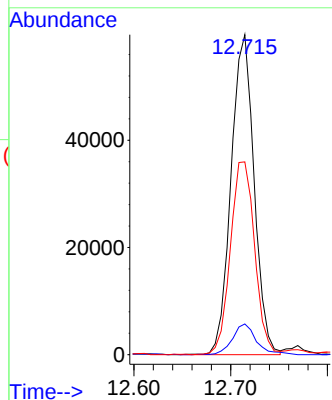
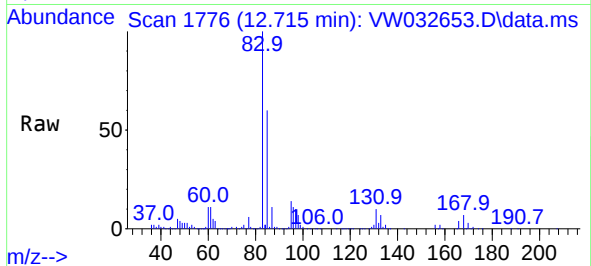




#75
1,1,2,2-Tetrachloroethane
Concen: 20.083 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

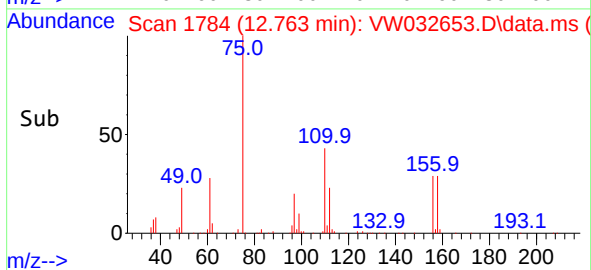
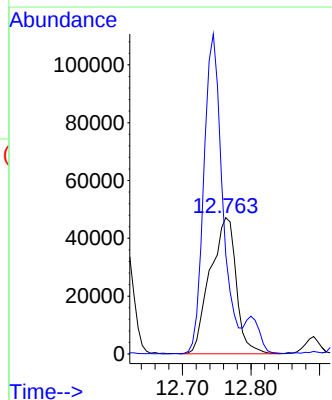
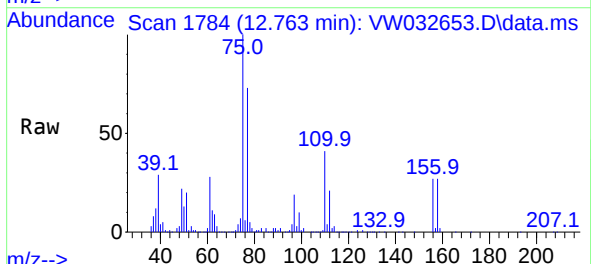
Instrument :
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ClientSampleId :
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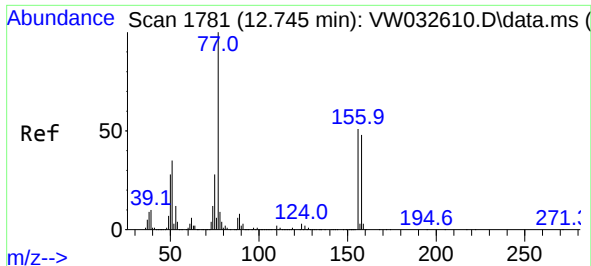
Tgt Ion: 83 Resp: 98795
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 19.756 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 75 Resp: 124133
Ion Ratio Lower Upper
75 100
77 171.2 154.0 462.0

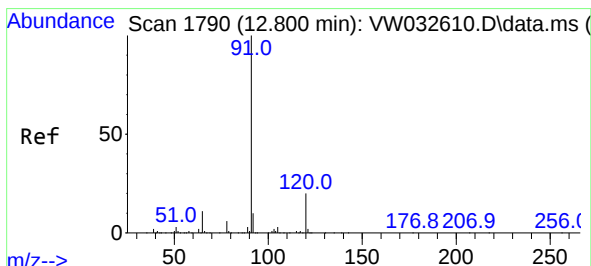
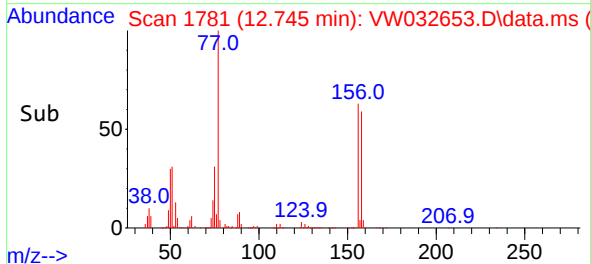
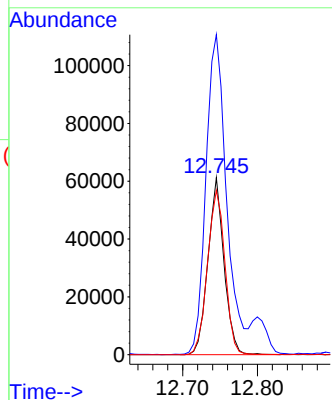
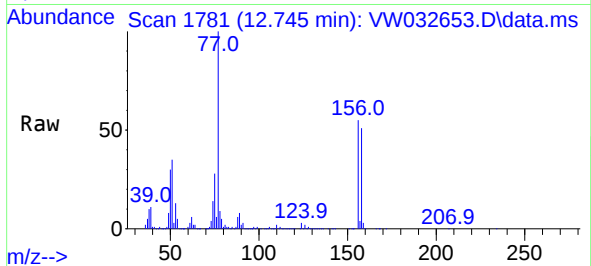




#77
Bromobenzene
Concen: 19.205 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

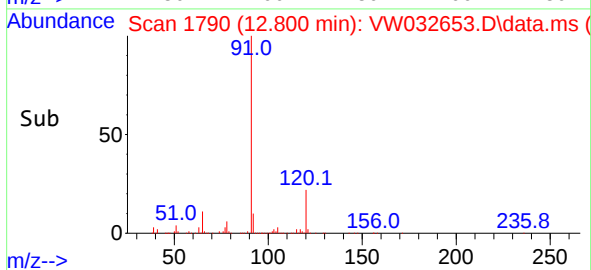
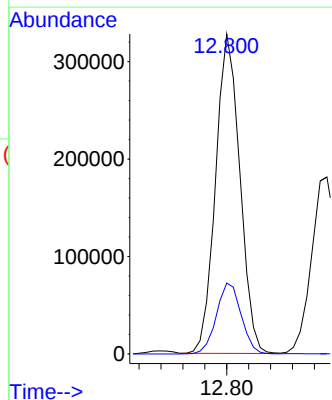
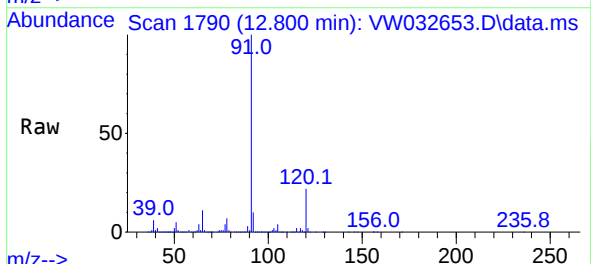
Instrument :
MSVOA_W
ClientSampleId :
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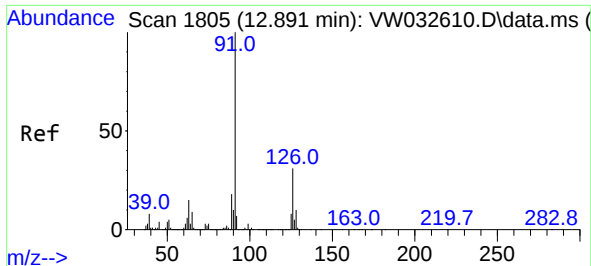
Tgt Ion:156 Resp: 91595
Ion Ratio Lower Upper
156 100
77 232.0 116.7 350.1
158 100.8 49.9 149.7



#78
n-propylbenzene
Concen: 19.230 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 91 Resp: 504319
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.6





#79

2-Chlorotoluene

Concen: 19.327 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

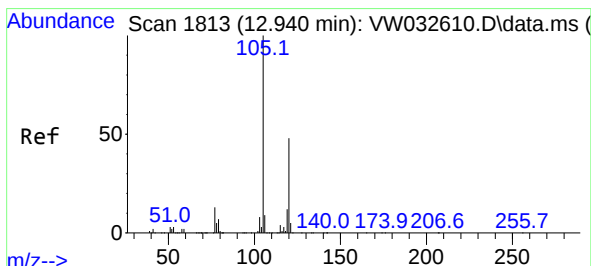
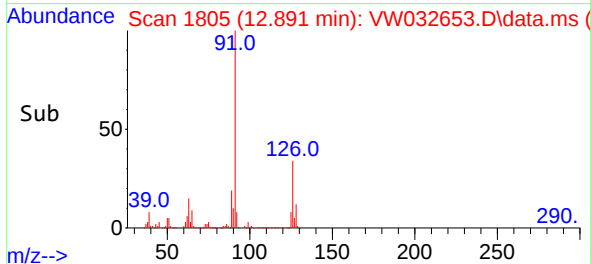
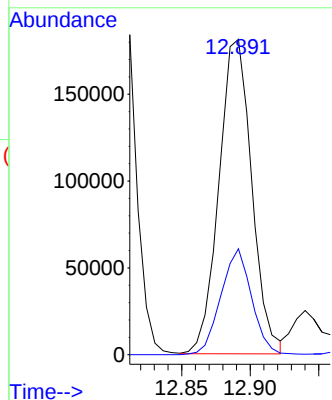
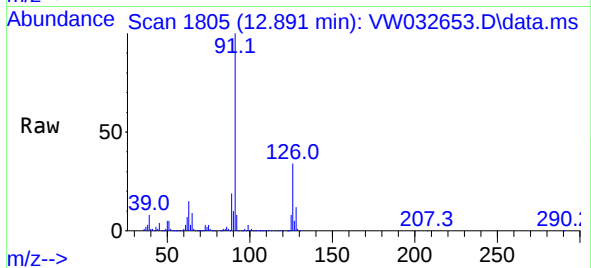
VSTDIC020

Tgt Ion: 91 Resp: 301913

Ion Ratio Lower Upper

91 100

126 31.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.551 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032653.D

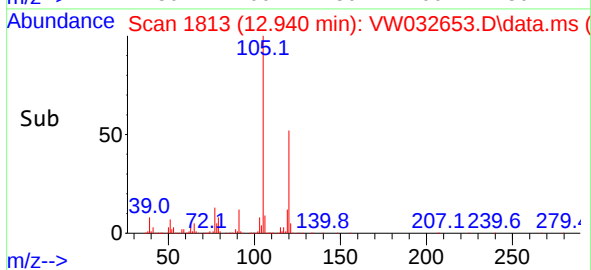
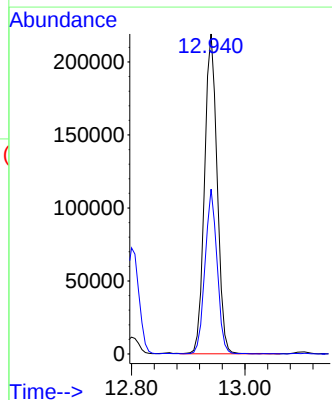
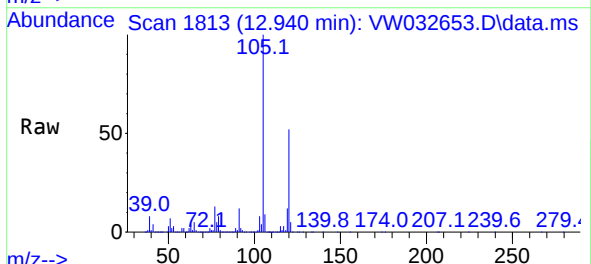
Acq: 16 Dec 2025 13:49

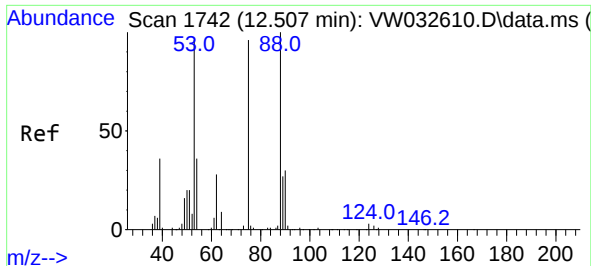
Tgt Ion: 105 Resp: 337367

Ion Ratio Lower Upper

105 100

120 49.1 24.3 72.8

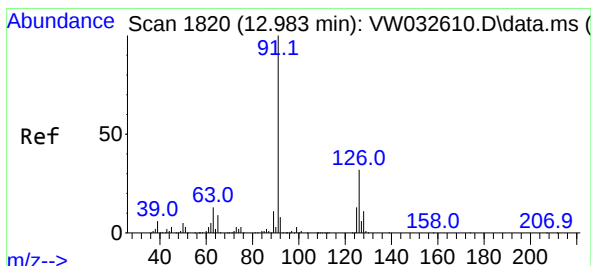
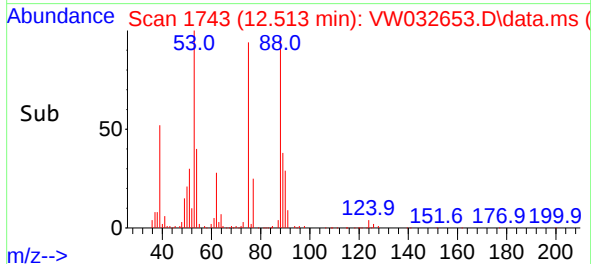
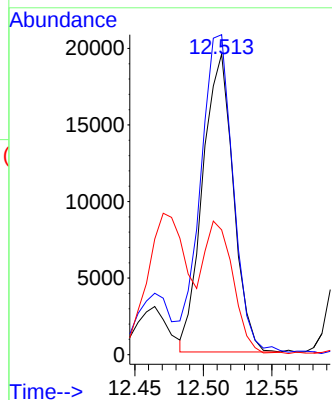
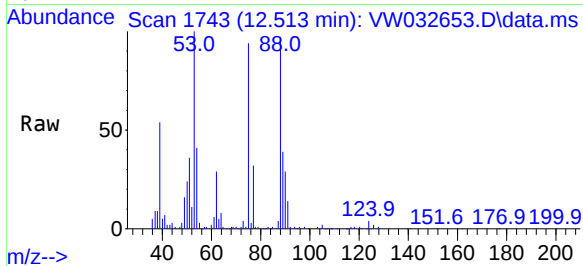




#81
trans-1,4-Dichloro-2-butene
Concen: 18.836 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

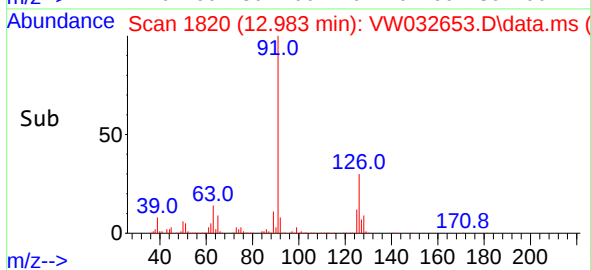
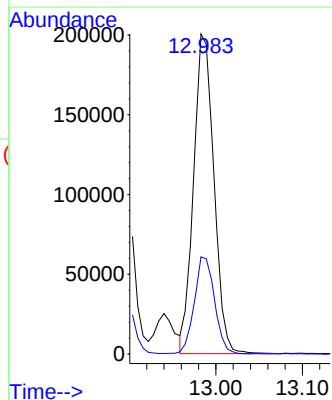
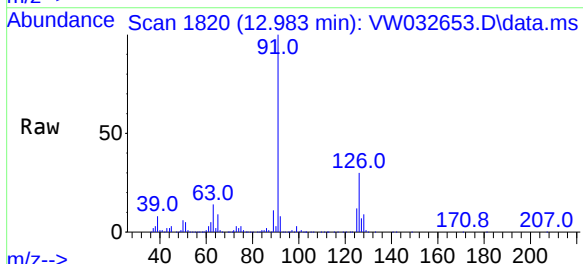
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

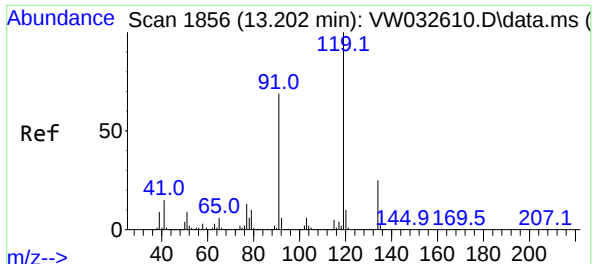
Tgt Ion: 75 Resp: 30223
Ion Ratio Lower Upper
75 100
53 115.6 86.1 129.1
89 42.3 37.4 56.2



#82
4-Chlorotoluene
Concen: 19.659 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 91 Resp: 326117
Ion Ratio Lower Upper
91 100
126 30.3 15.8 47.4

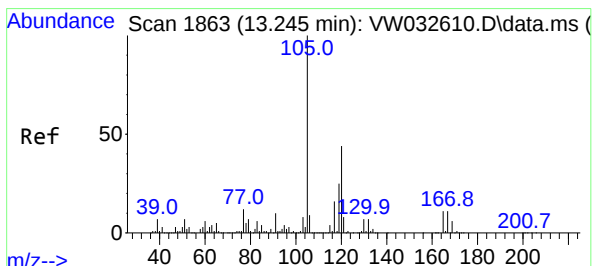
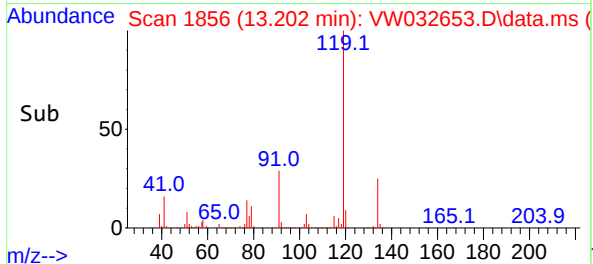
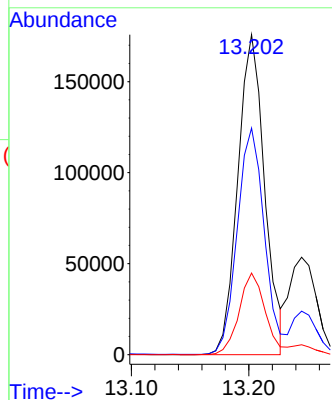
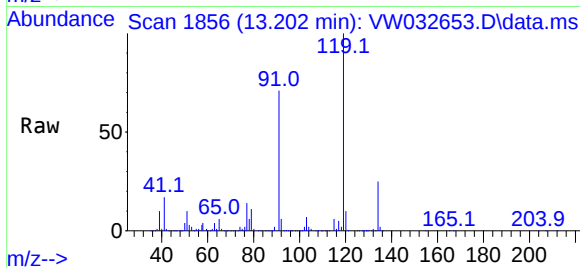




#83
tert-Butylbenzene
Concen: 18.818 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

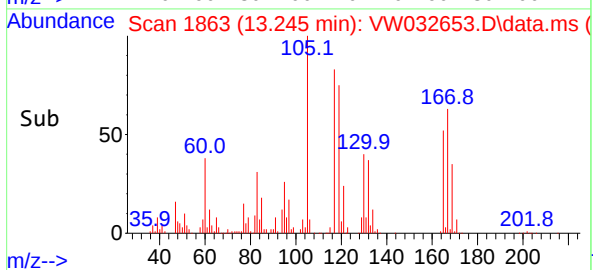
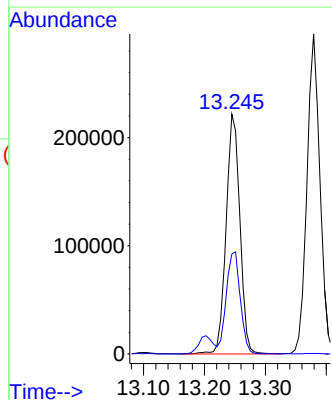
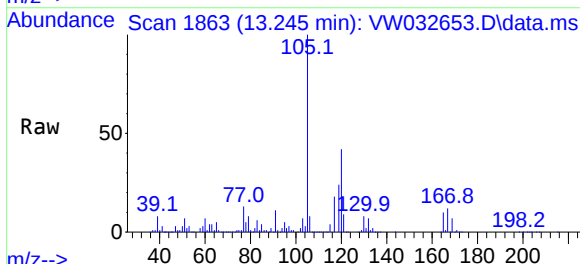
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

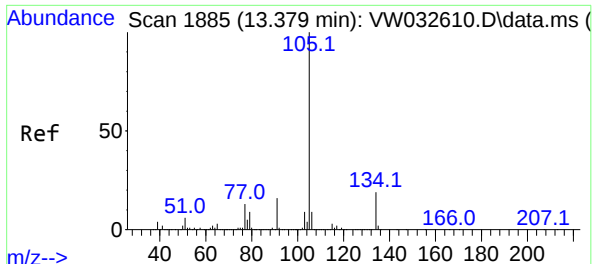
Tgt Ion:119 Resp: 278694
Ion Ratio Lower Upper
119 100
91 72.2 34.3 102.8
134 25.1 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 19.888 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:105 Resp: 348686
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.0

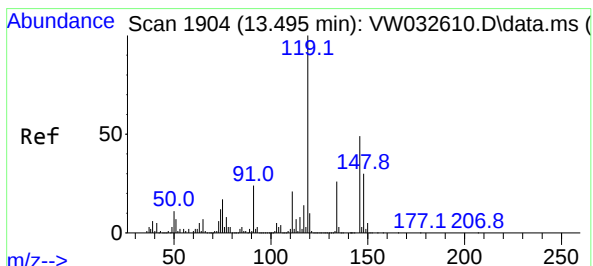
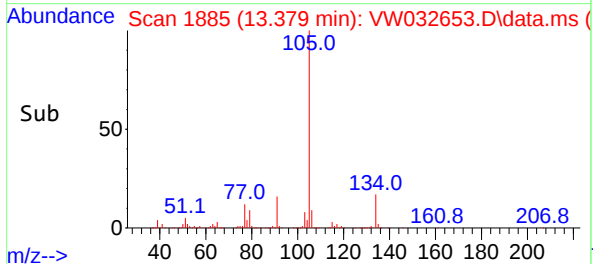
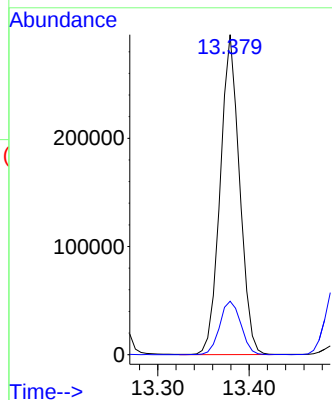
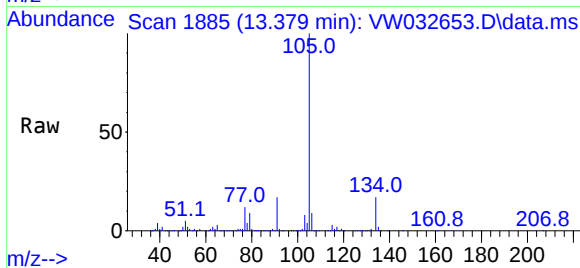




#85
 sec-Butylbenzene
 Concen: 19.282 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW032653.D
 Acq: 16 Dec 2025 13:49

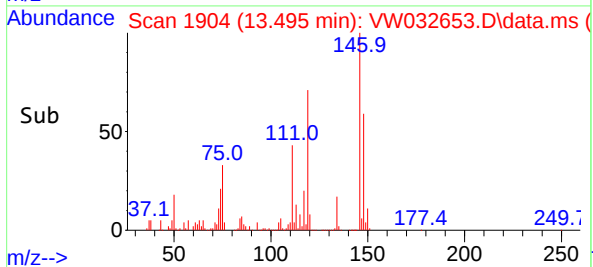
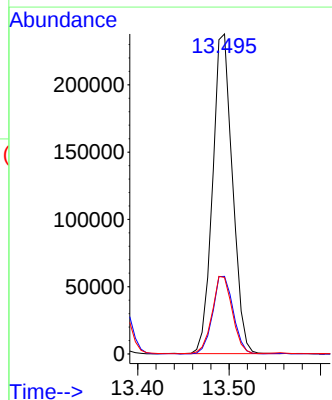
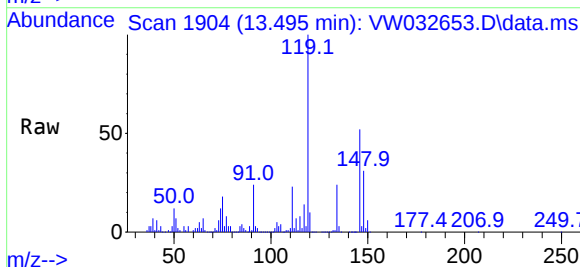
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

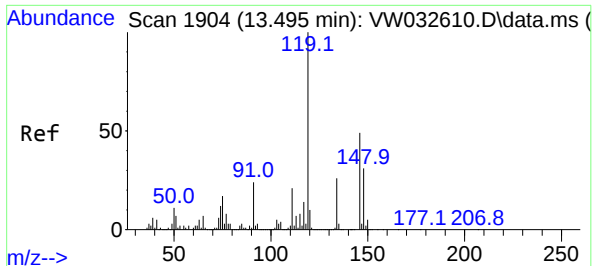
Tgt Ion:105 Resp: 435666
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.405 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032653.D
 Acq: 16 Dec 2025 13:49

Tgt Ion:119 Resp: 359034
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.0 39.0
 91 24.5 12.1 36.3

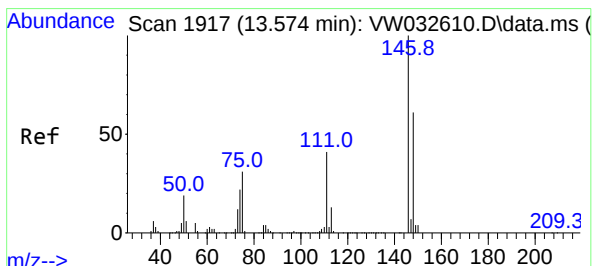
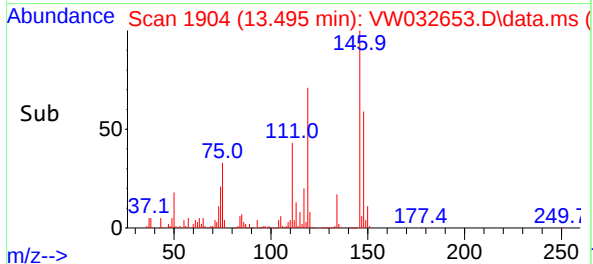
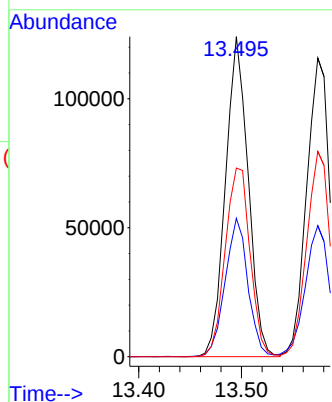
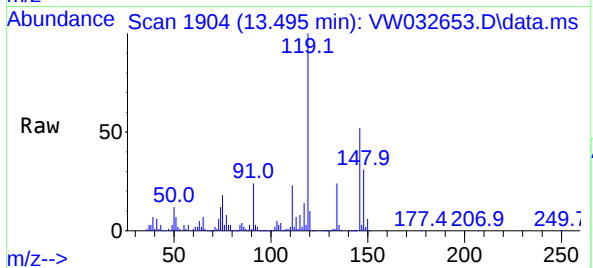




#87
1,3-Dichlorobenzene
Concen: 19.860 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

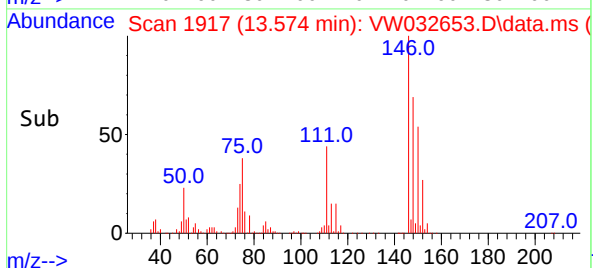
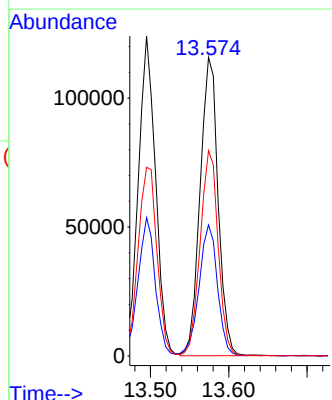
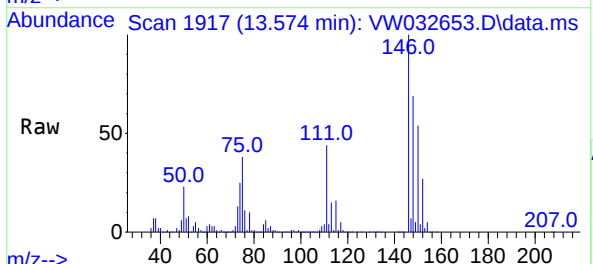
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

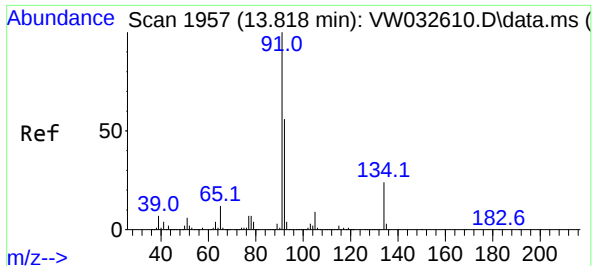
Tgt Ion:146 Resp: 190635
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.6
148 64.7 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 19.225 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:146 Resp: 185388
Ion Ratio Lower Upper
146 100
111 44.7 20.9 62.8
148 68.2 30.4 91.2





#89

n-Butylbenzene

Concen: 18.913 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

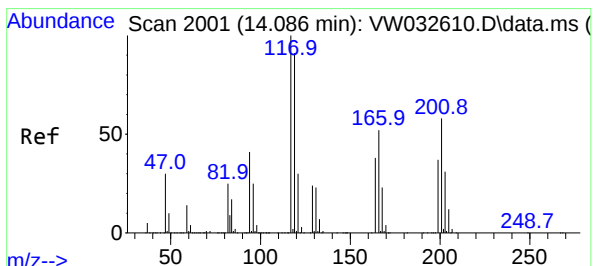
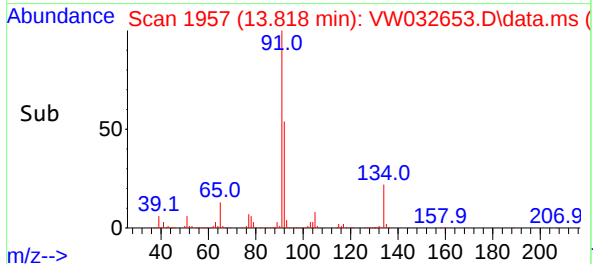
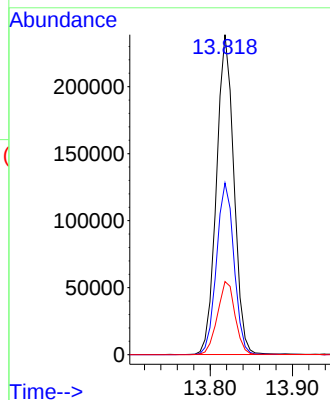
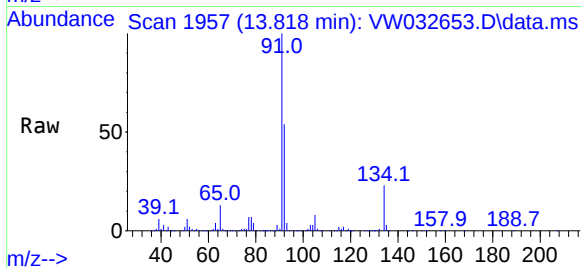
Tgt Ion: 91 Resp: 351893

Ion Ratio Lower Upper

91 100

92 54.1 27.4 82.0

134 23.2 11.8 35.4



#90

Hexachloroethane

Concen: 18.648 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032653.D

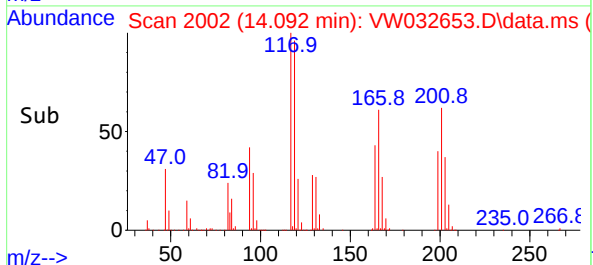
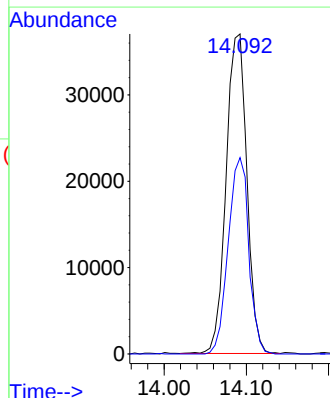
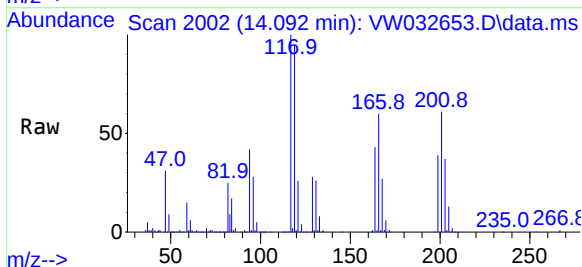
Acq: 16 Dec 2025 13:49

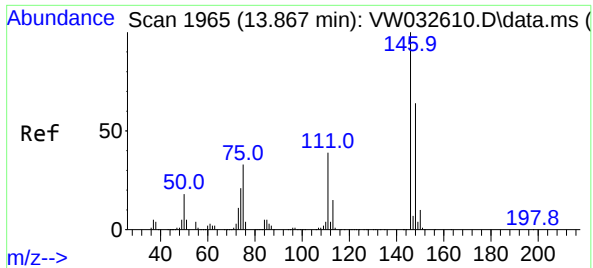
Tgt Ion: 117 Resp: 64846

Ion Ratio Lower Upper

117 100

201 61.0 30.4 91.2

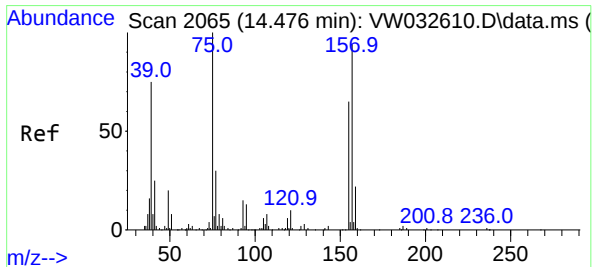
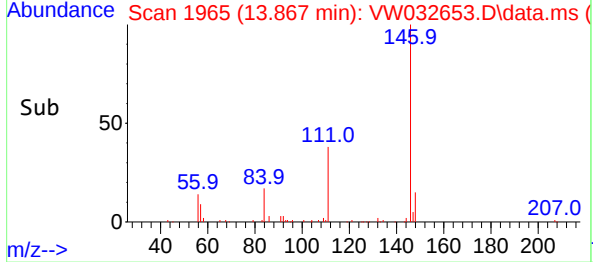
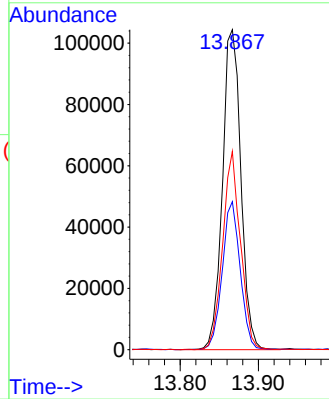
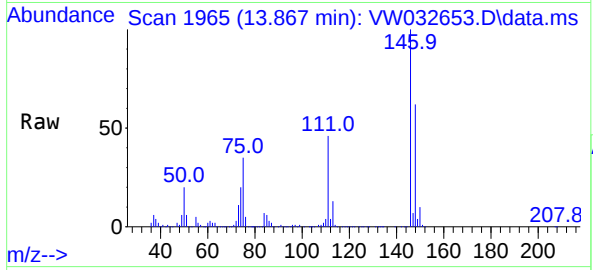




#91
1,2-Dichlorobenzene
Concen: 19.712 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

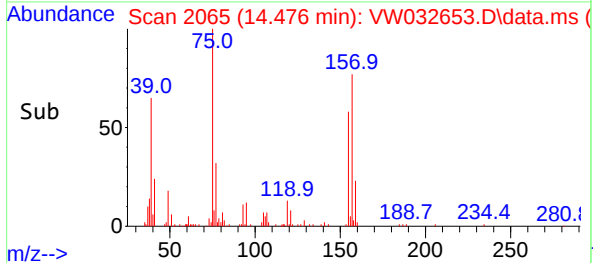
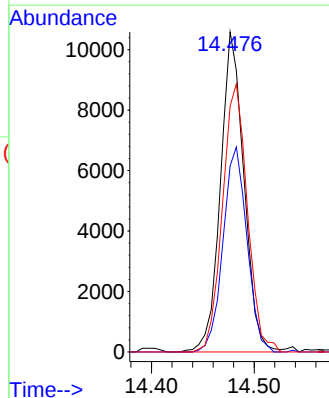
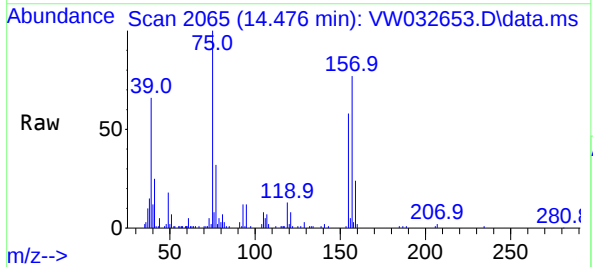
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

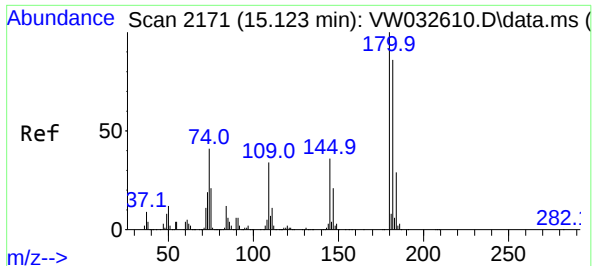
Tgt Ion:146 Resp: 171294
Ion Ratio Lower Upper
146 100
111 45.3 21.5 64.5
148 59.8 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.764 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion: 75 Resp: 16731
Ion Ratio Lower Upper
75 100
155 65.5 35.3 105.9
157 88.9 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 18.255 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

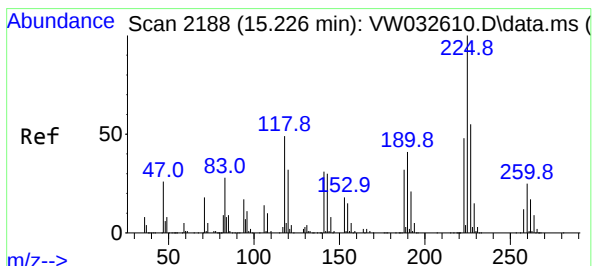
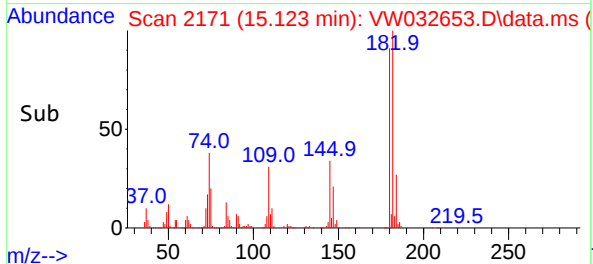
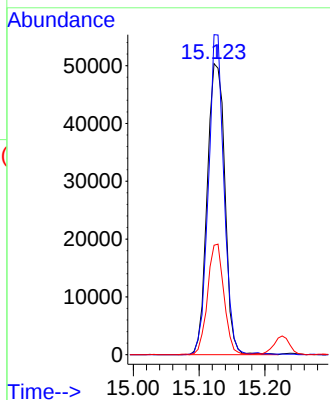
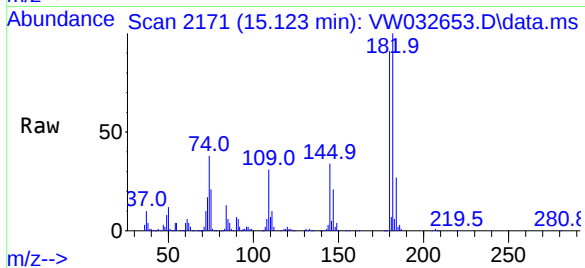
Tgt Ion:180 Resp: 93897

Ion Ratio Lower Upper

180 100

182 97.0 46.9 140.6

145 35.5 17.1 51.3



#94

Hexachlorobutadiene

Concen: 17.349 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032653.D

Acq: 16 Dec 2025 13:49

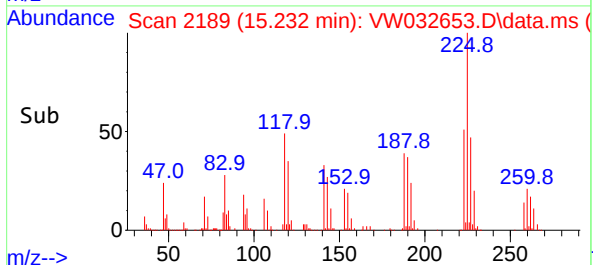
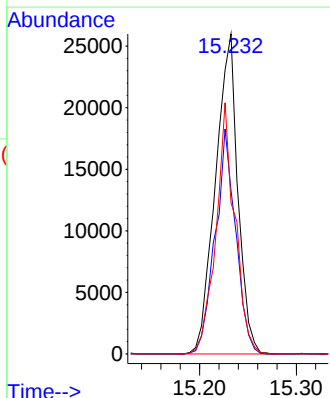
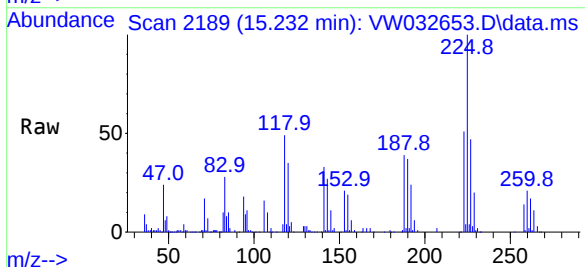
Tgt Ion:225 Resp: 41702

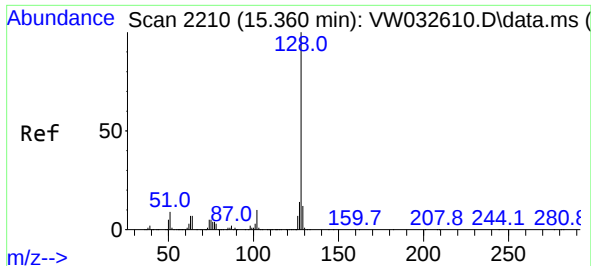
Ion Ratio Lower Upper

225 100

223 64.3 30.3 90.8

227 66.9 29.1 87.4



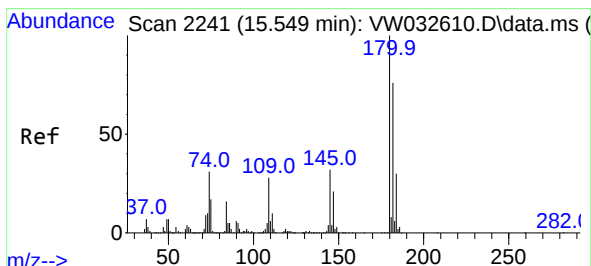
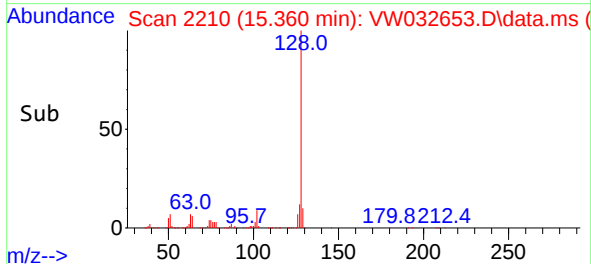
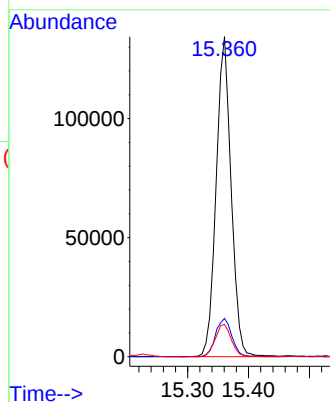
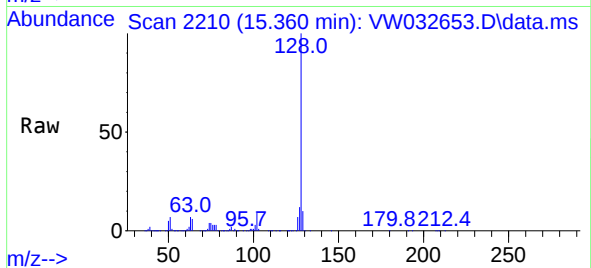


#95
Naphthalene
Concen: 18.916 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 228728

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.260 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032653.D
Acq: 16 Dec 2025 13:49

Tgt Ion:180 Resp: 84385

Ion	Ratio	Lower	Upper
180	100		
182	99.1	45.9	137.6
145	36.7	17.0	51.0

