

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032652.D
 Acq On : 16 Dec 2025 13:27
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Dec 17 00:38:43 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	7.959	168	334767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	597817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	555919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	267915	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	57363	11.945	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	23.880%#
35) Dibromofluoromethane	7.898	113	46980	12.093	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	24.180%#
50) Toluene-d8	10.324	98	175623	11.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	24.000%#
62) 4-Bromofluorobenzene	12.617	95	63489	11.791	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	23.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	26526	13.617	ug/l	91
3) Chloromethane	2.247	50	45193	13.072	ug/l	97
4) Vinyl Chloride	2.399	62	56716	12.947	ug/l	99
5) Bromomethane	2.820	94	37450	13.083	ug/l	99
6) Chloroethane	2.966	64	36683	12.977	ug/l	91
7) Trichlorofluoromethane	3.301	101	51341	13.408	ug/l	99
8) Diethyl Ether	3.722	74	28595	11.789	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	50320	13.198	ug/l	97
10) Methyl Iodide	4.307	142	70345	13.063	ug/l	98
11) Tert butyl alcohol	5.222	59	16710	52.707	ug/l	95
12) 1,1-Dichloroethene	4.075	96	51656	12.898	ug/l	97
13) Acrolein	3.929	56	24989	55.161	ug/l	97
14) Allyl chloride	4.710	41	88965	12.217	ug/l	96
15) Acrylonitrile	5.405	53	74816	56.047	ug/l	99
16) Acetone	4.167	43	92287	55.950	ug/l	99
17) Carbon Disulfide	4.423	76	145439	12.913	ug/l	98
18) Methyl Acetate	4.710	43	32471	10.269	ug/l	96
19) Methyl tert-butyl Ether	5.465	73	96616	11.815	ug/l	98
20) Methylene Chloride	4.953	84	71210	12.088	ug/l	92
21) trans-1,2-Dichloroethene	5.465	96	55635	12.844	ug/l	87
22) Diisopropyl ether	6.337	45	181336	12.362	ug/l	92
23) Vinyl Acetate	6.282	43	556166	57.092	ug/l	99
24) 1,1-Dichloroethane	6.246	63	107309	12.604	ug/l	97
25) 2-Butanone	7.197	43	102678	54.764	ug/l	98
26) 2,2-Dichloropropane	7.185	77	64504	12.656	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	62139	12.272	ug/l	99
28) Bromochloromethane	7.532	49	33644	10.442	ug/l	98
29) Tetrahydrofuran	7.557	42	59372	52.577	ug/l	99
30) Chloroform	7.691	83	109887	12.968	ug/l	98
31) Cyclohexane	7.971	56	101666	12.881	ug/l #	95
32) 1,1,1-Trichloroethane	7.886	97	84856	13.148	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77635	12.904	ug/l	98
37) Ethyl Acetate	7.276	43	44245	11.074	ug/l	98
38) Carbon Tetrachloride	8.087	117	72400	12.713	ug/l	95
39) Methylcyclohexane	9.343	83	92176	12.234	ug/l	96
40) Benzene	8.337	78	230916	12.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	22460	10.141	ug/l	95
42) 1,2-Dichloroethane	8.416	62	70237	12.283	ug/l	99
43) Isopropyl Acetate	8.434	43	76008	10.927	ug/l	98
44) Trichloroethene	9.105	130	50459	12.072	ug/l	97
45) 1,2-Dichloropropane	9.373	63	58196	12.627	ug/l	98
46) Dibromomethane	9.465	93	32265	12.169	ug/l	99
47) Bromodichloromethane	9.654	83	77223	12.358	ug/l	98
48) Methyl methacrylate	9.446	41	36976	11.042	ug/l	95
49) 1,4-Dioxane	9.465	88	7814	232.286	ug/l #	88
51) 4-Methyl-2-Pentanone	10.215	43	215114	55.064	ug/l	98
52) Toluene	10.391	92	137427	12.350	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	70622	11.616	ug/l	98
54) cis-1,3-Dichloropropene	10.081	75	84688	11.977	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	44279	12.318	ug/l	99
56) Ethyl methacrylate	10.648	69	53954	10.808	ug/l	97
57) 1,3-Dichloropropane	10.934	76	77024	12.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	81894	46.007	ug/l	98
59) 2-Hexanone	10.971	43	153161	54.423	ug/l	97
60) Dibromochloromethane	11.129	129	47210	11.852	ug/l	94
61) 1,2-Dibromoethane	11.239	107	40923	11.943	ug/l	97
64) Tetrachloroethene	10.867	164	45496	12.829	ug/l #	87
65) Chlorobenzene	11.660	112	155016	12.269	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.733	131	46400	11.997	ug/l	93
67) Ethyl Benzene	11.733	91	257606	11.929	ug/l	100
68) m/p-Xylenes	11.836	106	202425	24.577	ug/l	98
69) o-Xylene	12.166	106	89878	11.945	ug/l	99
70) Styrene	12.178	104	156734	11.955	ug/l	98
71) Bromoform	12.348	173	24171	11.186	ug/l #	98
73) Isopropylbenzene	12.464	105	226413	11.231	ug/l	99
74) N-amyl acetate	12.269	43	68031	10.330	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	51868	10.826	ug/l	97
76) 1,2,3-Trichloropropane	12.769	75	66508	10.868	ug/l #	1
77) Bromobenzene	12.745	156	53770	11.576	ug/l	97
78) n-propylbenzene	12.800	91	296141	11.594	ug/l	99
79) 2-Chlorotoluene	12.891	91	177080	11.639	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	192940	11.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	15116	9.673	ug/l	90
82) 4-Chlorotoluene	12.989	91	191308	11.841	ug/l	99
83) tert-Butylbenzene	13.202	119	162174	11.243	ug/l	94
84) 1,2,4-Trimethylbenzene	13.245	105	196975	11.535	ug/l	99
85) sec-Butylbenzene	13.379	105	256715	11.666	ug/l	100
86) p-Isopropyltoluene	13.495	119	213278	11.836	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	112511	12.035	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	111096	11.829	ug/l	97
89) n-Butylbenzene	13.818	91	209635	11.568	ug/l	97
90) Hexachloroethane	14.086	117	40231	11.879	ug/l	95
91) 1,2-Dichlorobenzene	13.866	146	98872	11.683	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	8384	10.169	ug/l	97
93) 1,2,4-Trichlorobenzene	15.122	180	56432	11.265	ug/l	99
94) Hexachlorobutadiene	15.226	225	27176	11.608	ug/l	86
95) Naphthalene	15.360	128	112647	9.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	51239	11.384	ug/l	97

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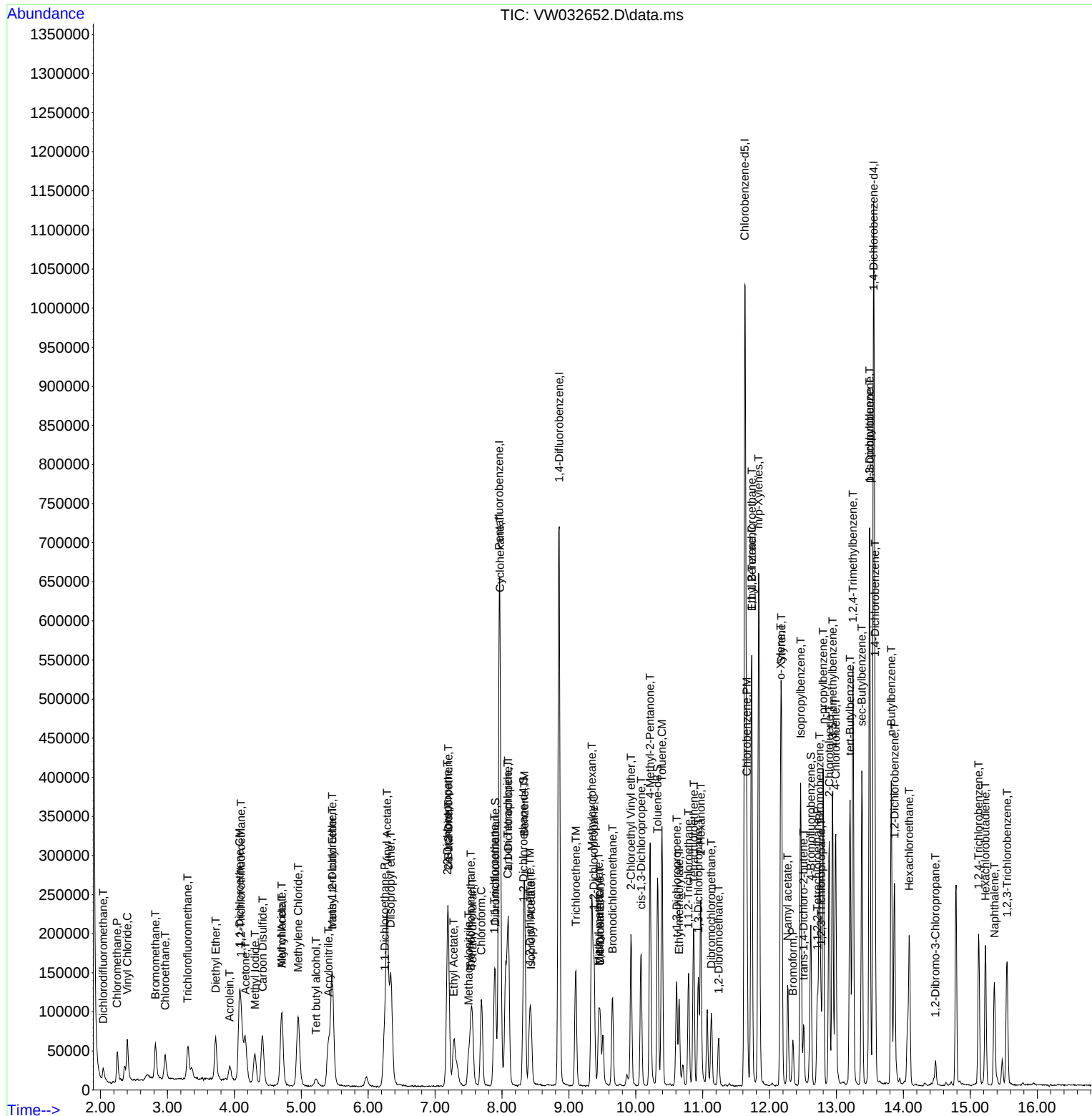
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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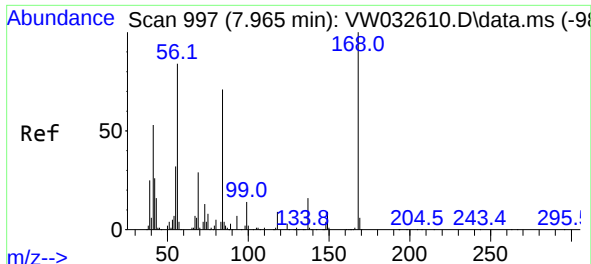
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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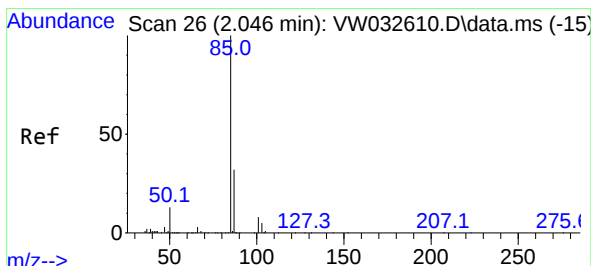
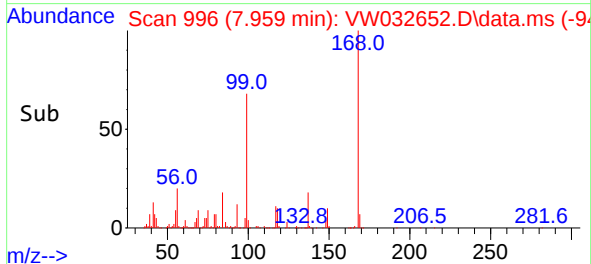
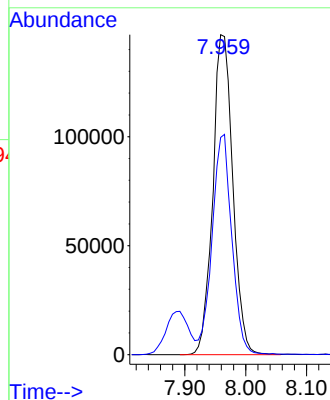
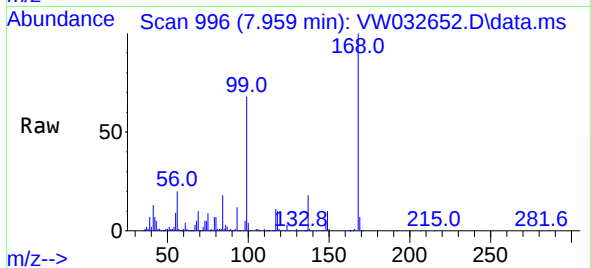




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.000 min
Lab File: VW032652.D
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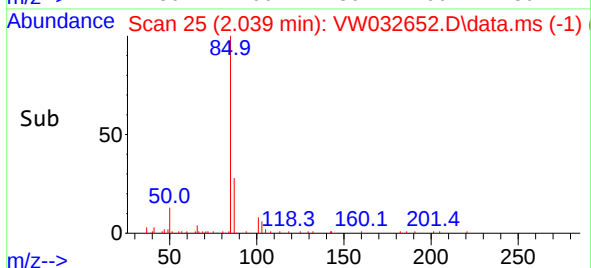
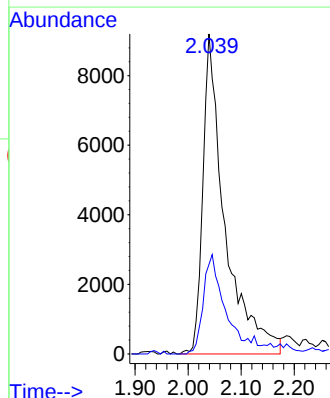
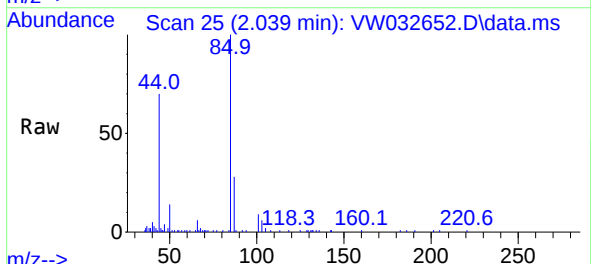
Instrument :
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ClientSampleId :
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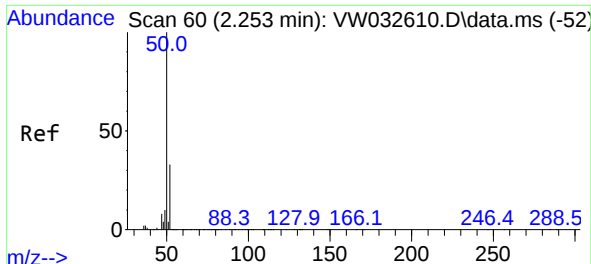
Tgt Ion:168 Resp: 334767
Ion Ratio Lower Upper
168 100
99 67.7 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 13.617 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.007 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 85 Resp: 26526
Ion Ratio Lower Upper
85 100
87 27.2 16.1 48.3

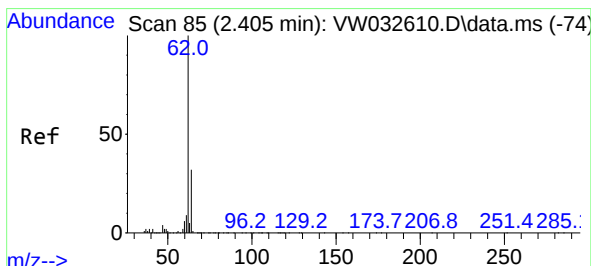
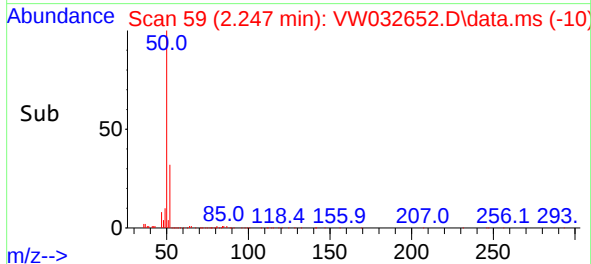
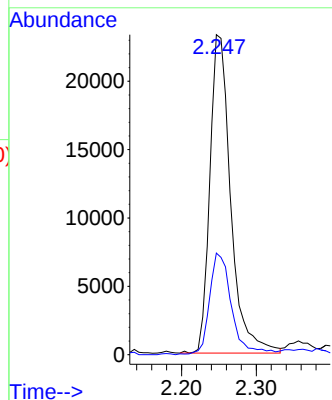
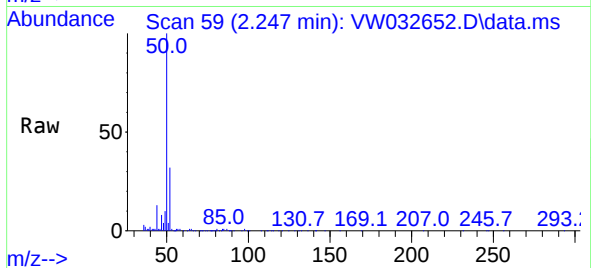




#3
Chloromethane
Concen: 13.072 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

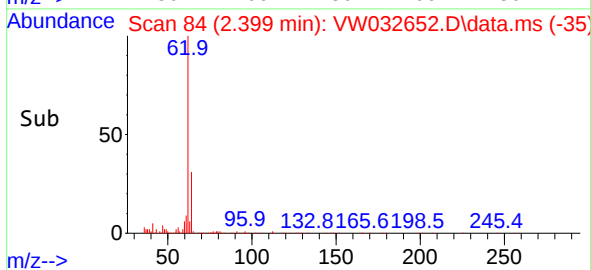
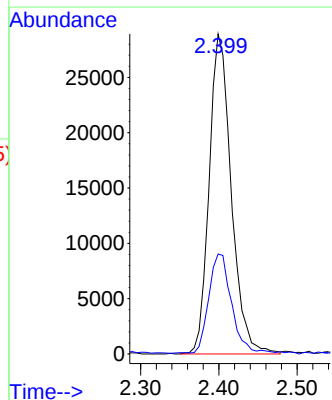
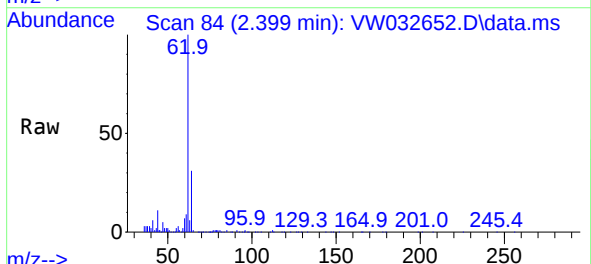
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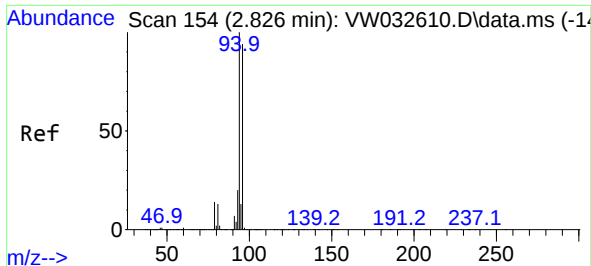
Tgt Ion: 50 Resp: 45193
Ion Ratio Lower Upper
50 100
52 31.4 26.6 40.0



#4
Vinyl Chloride
Concen: 12.947 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 62 Resp: 56716
Ion Ratio Lower Upper
62 100
64 30.9 25.3 37.9

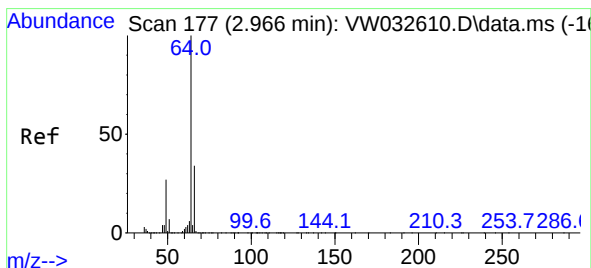
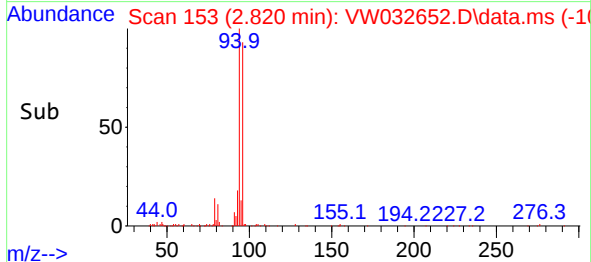
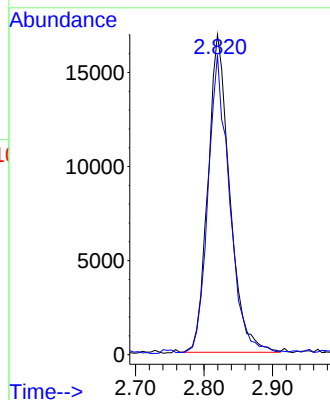
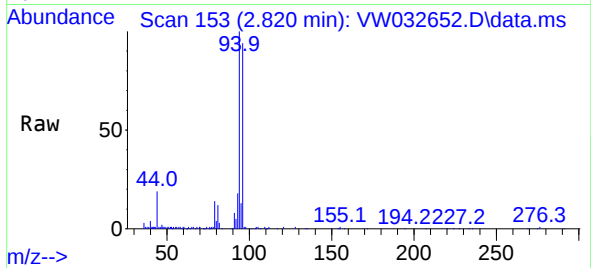




#5
Bromomethane
Concen: 13.083 ug/l
RT: 2.820 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032652.D
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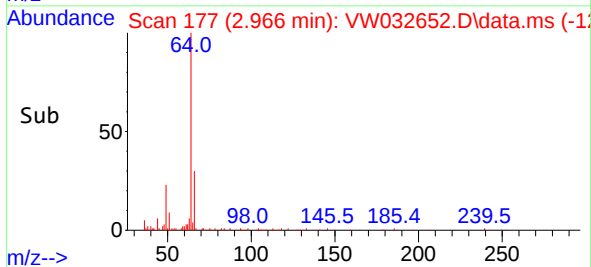
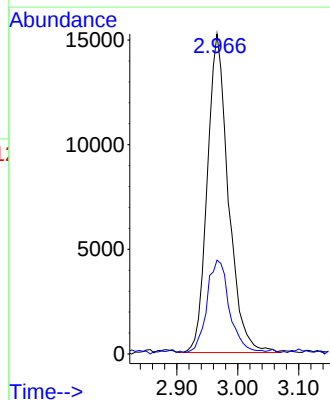
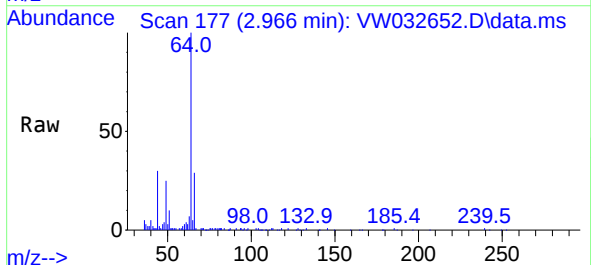
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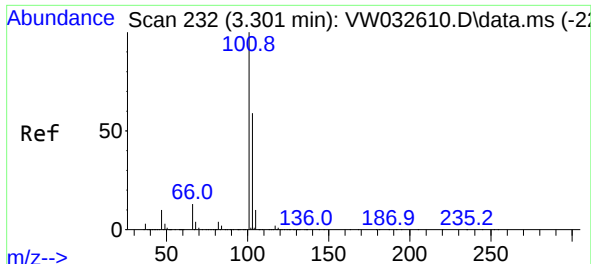
Tgt Ion: 94 Resp: 37450
Ion Ratio Lower Upper
94 100
96 93.7 75.4 113.2



#6
Chloroethane
Concen: 12.977 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 64 Resp: 36683
Ion Ratio Lower Upper
64 100
66 29.0 27.3 40.9

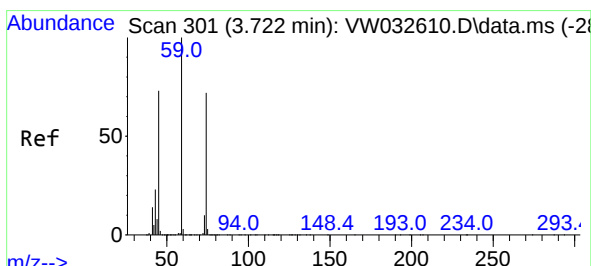
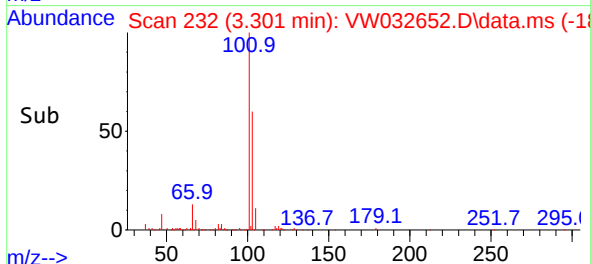
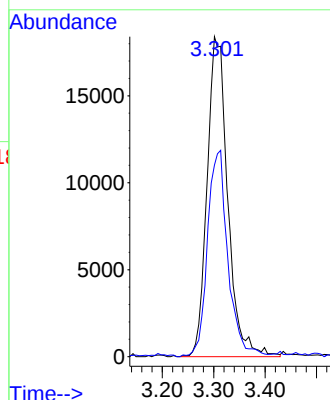
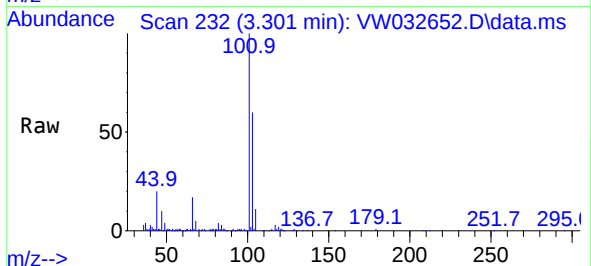




#7
Trichlorofluoromethane
Concen: 13.408 ug/l
RT: 3.301 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

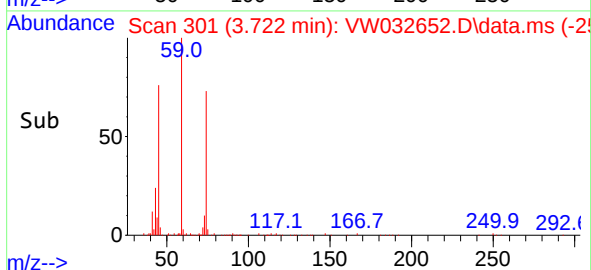
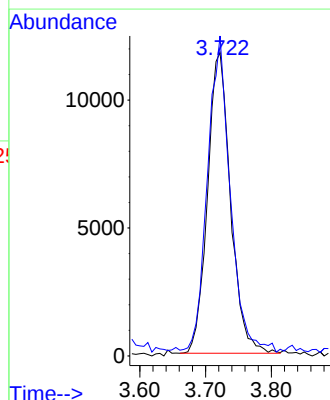
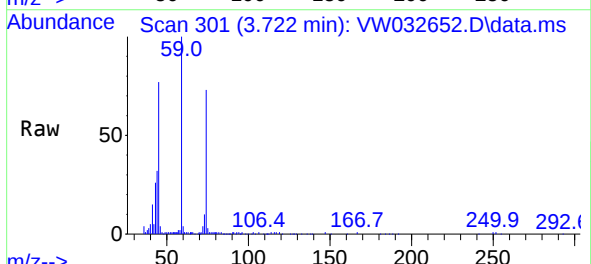
Instrument :
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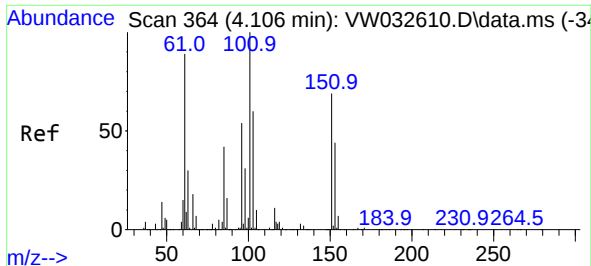
Tgt Ion:101 Resp: 51341
Ion Ratio Lower Upper
101 100
103 59.9 47.3 70.9



#8
Diethyl Ether
Concen: 11.789 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032652.D
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Tgt Ion: 74 Resp: 28595
Ion Ratio Lower Upper
74 100
45 103.7 52.4 157.2

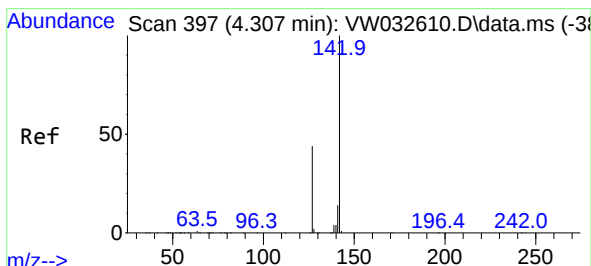
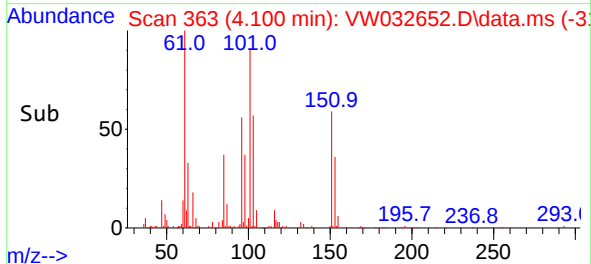
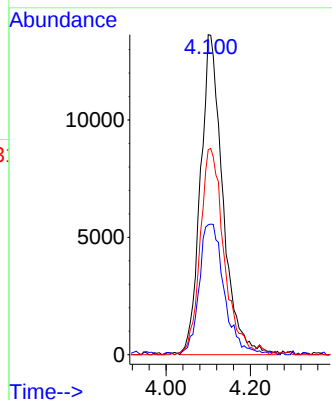
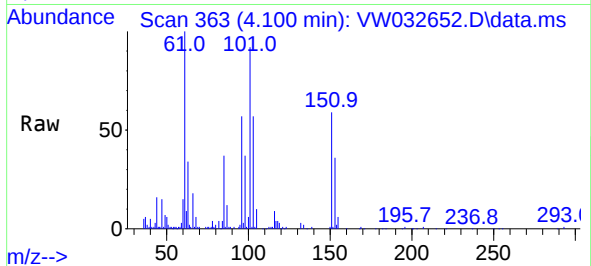




#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.198 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

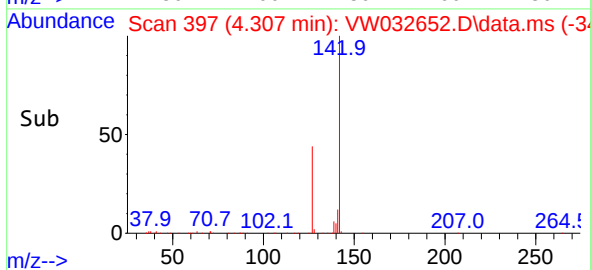
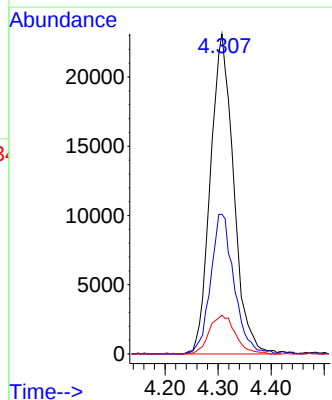
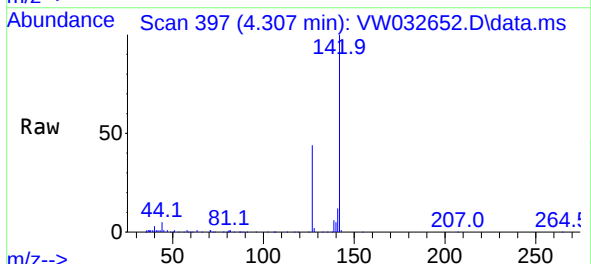
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

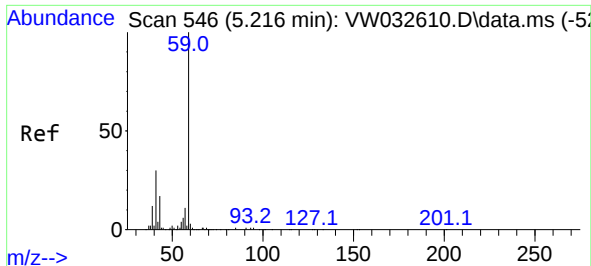
Tgt Ion:101 Resp: 50320
Ion Ratio Lower Upper
101 100
85 45.7 35.4 53.2
151 68.3 56.7 85.1



#10
Methyl Iodide
Concen: 13.063 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:142 Resp: 70345
Ion Ratio Lower Upper
142 100
127 44.1 36.0 54.0
141 13.6 11.6 17.4

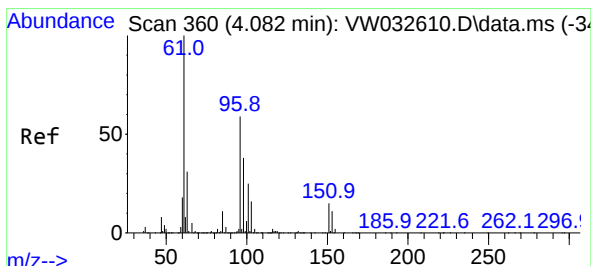
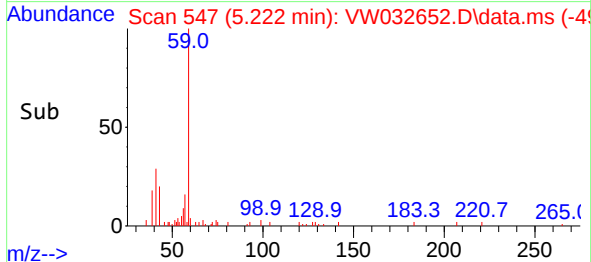
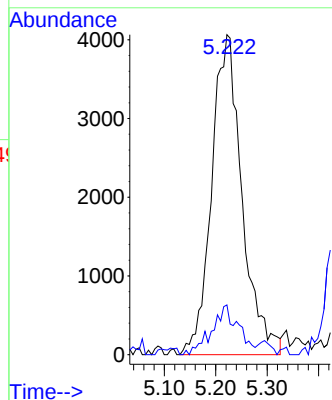
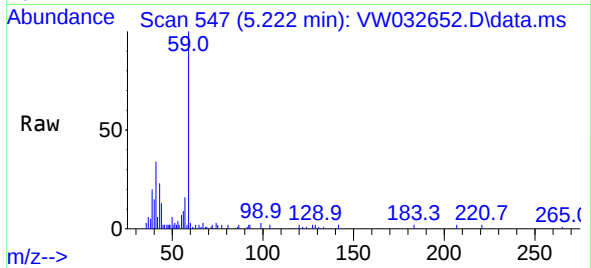




#11
Tert butyl alcohol
Concen: 52.707 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

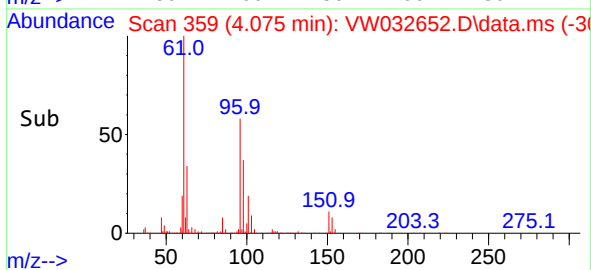
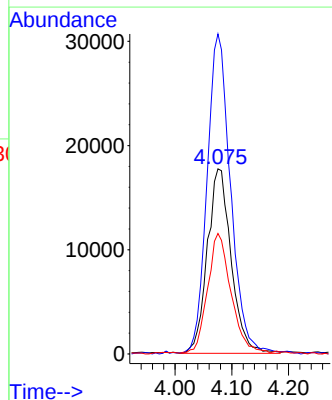
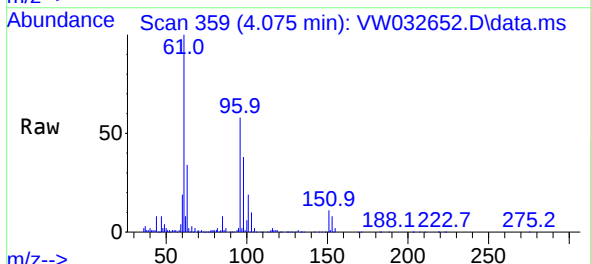
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

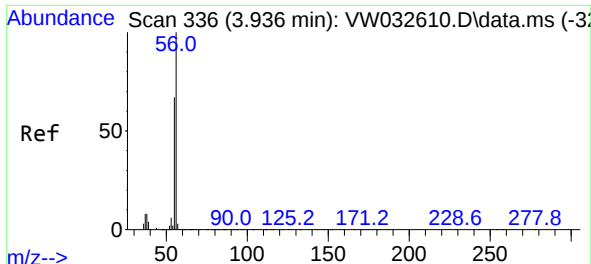
Tgt Ion: 59 Resp: 16710
Ion Ratio Lower Upper
59 100
57 9.9 9.4 14.0



#12
1,1-Dichloroethene
Concen: 12.898 ug/l
RT: 4.075 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 96 Resp: 51656
Ion Ratio Lower Upper
96 100
61 172.9 134.6 202.0
98 64.8 51.1 76.7

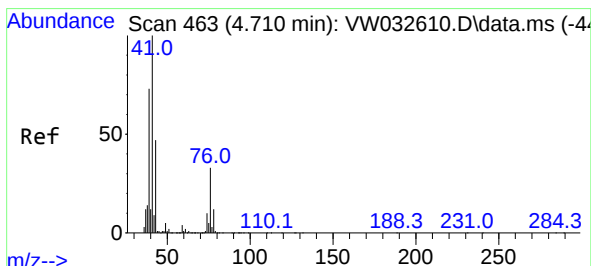
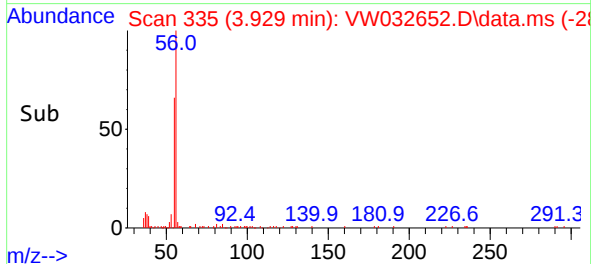
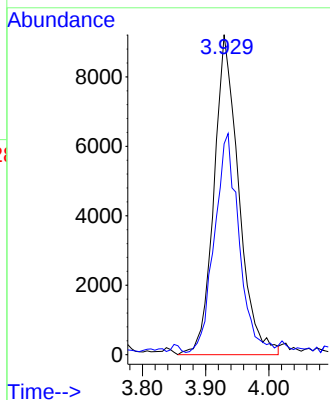
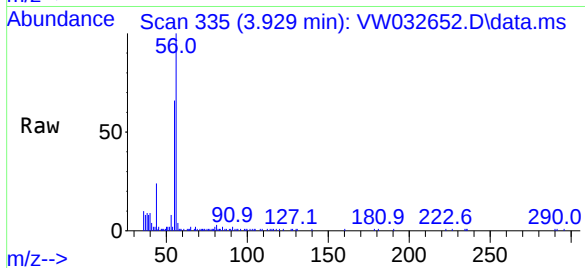




#13
Acrolein
Concen: 55.161 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

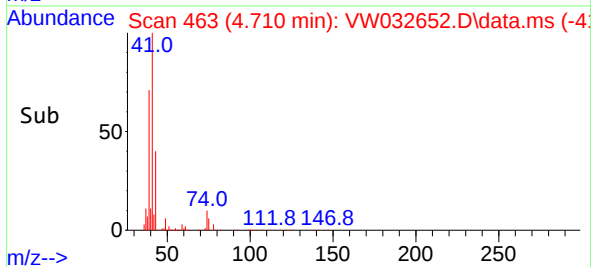
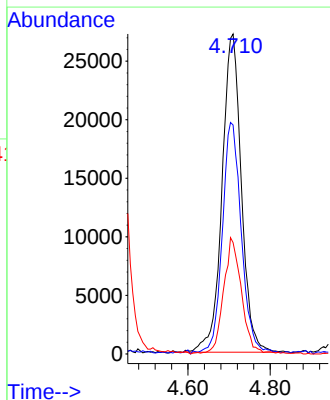
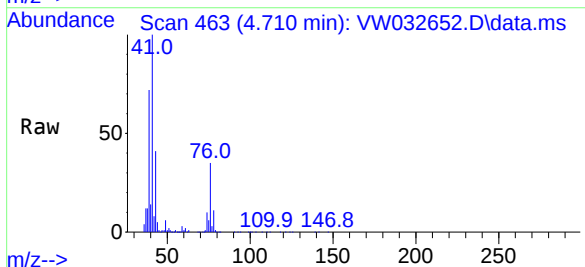
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

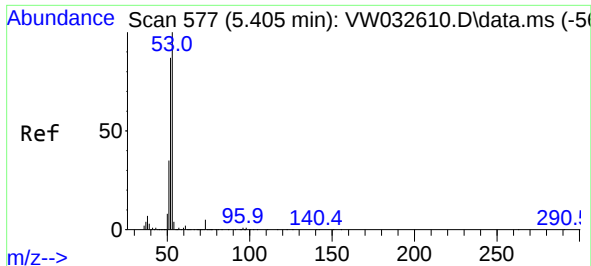
Tgt Ion: 56 Resp: 24989
Ion Ratio Lower Upper
56 100
55 67.6 56.0 84.0



#14
Allyl chloride
Concen: 12.217 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 41 Resp: 88965
Ion Ratio Lower Upper
41 100
39 72.3 54.2 81.2
76 33.7 26.3 39.5

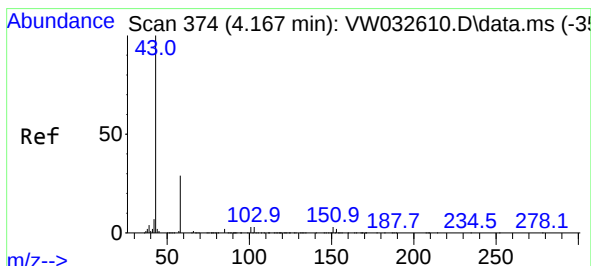
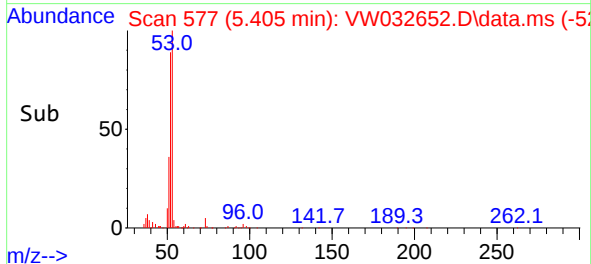
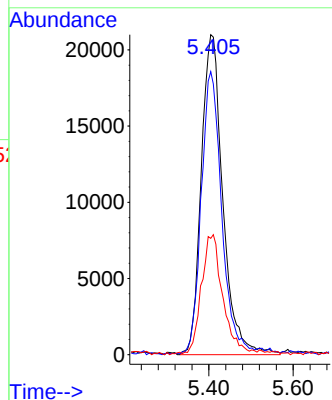
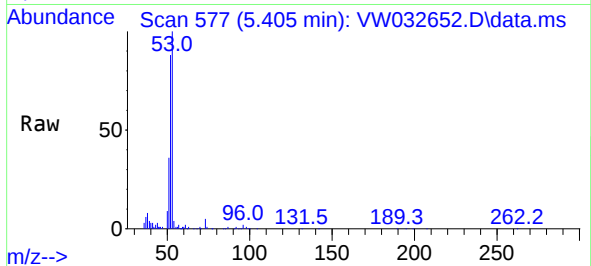




#15
Acrylonitrile
Concen: 56.047 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

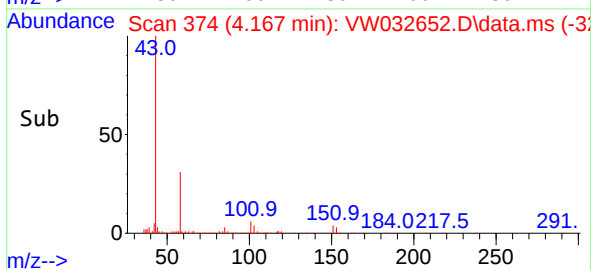
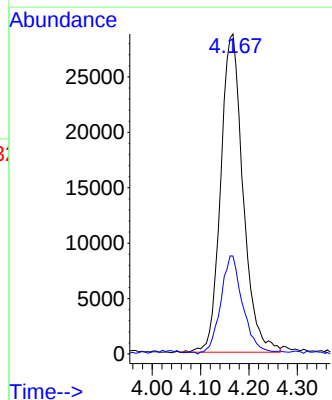
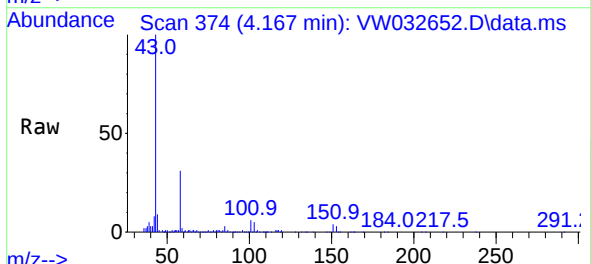
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

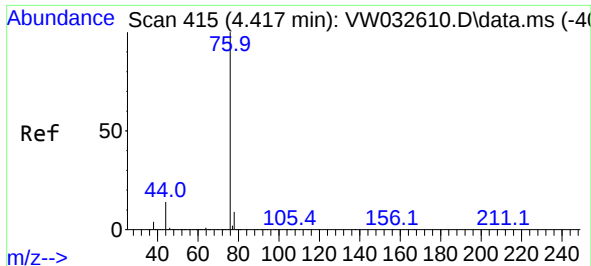
Tgt Ion: 53 Resp: 74816
Ion Ratio Lower Upper
53 100
52 82.9 66.7 100.1
51 36.3 29.8 44.6



#16
Acetone
Concen: 55.950 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 43 Resp: 92287
Ion Ratio Lower Upper
43 100
58 30.2 23.9 35.9

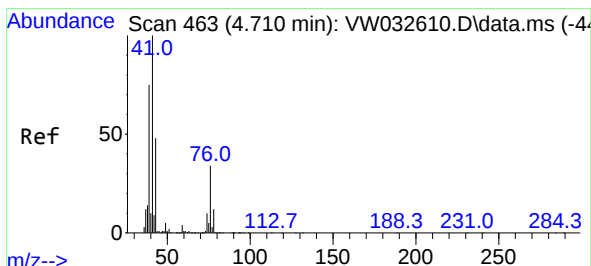
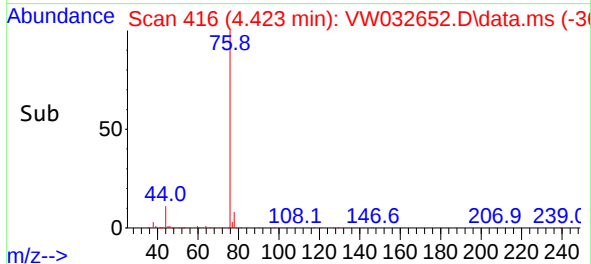
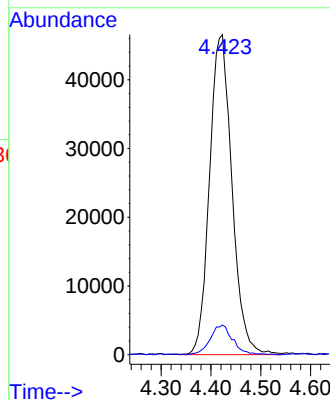
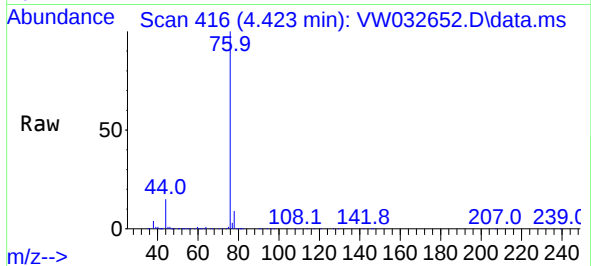




#17
Carbon Disulfide
Concen: 12.913 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

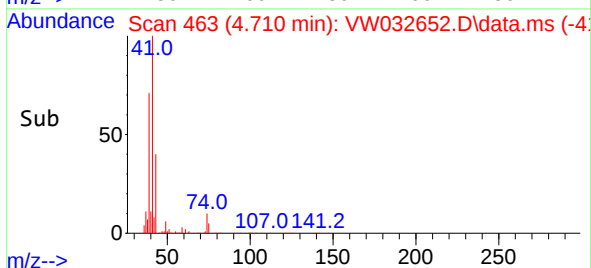
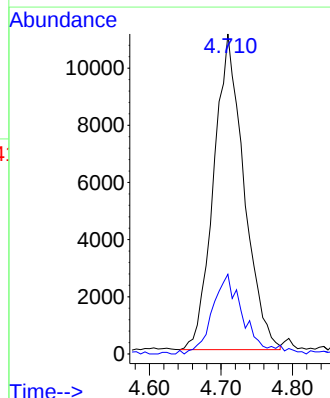
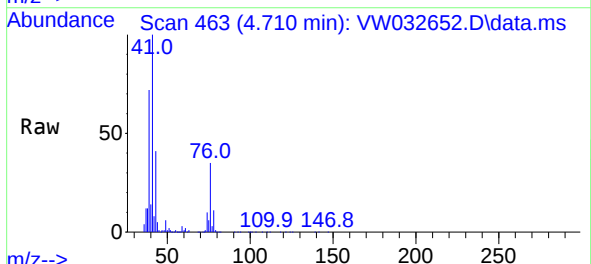
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

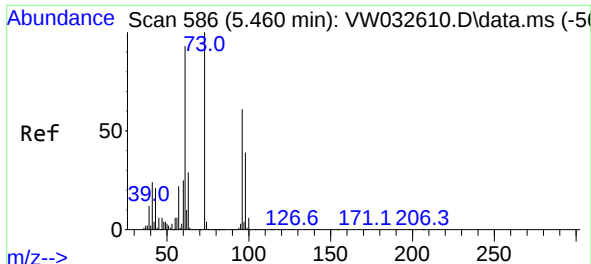
Tgt Ion: 76 Resp: 145439
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 10.269 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 43 Resp: 32471
Ion Ratio Lower Upper
43 100
74 24.7 18.2 27.4

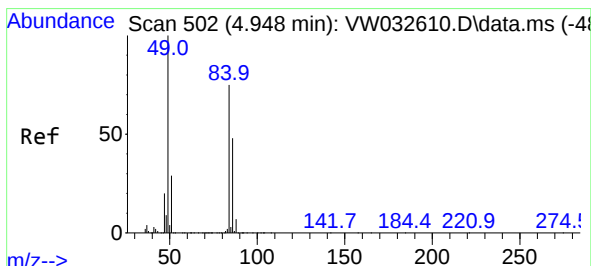
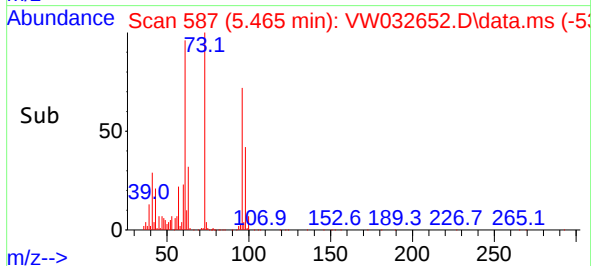
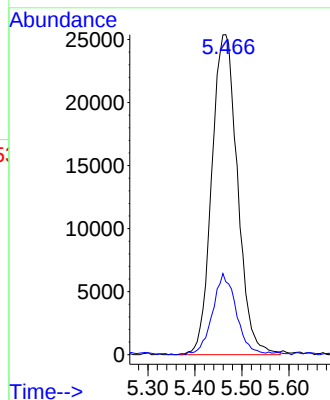
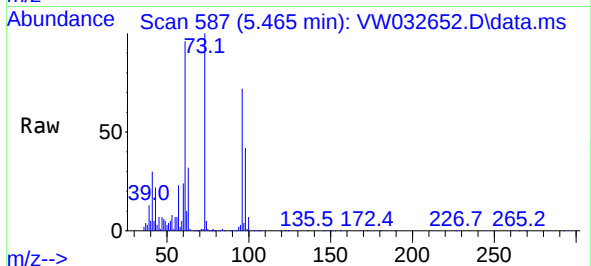




#19
Methyl tert-butyl Ether
Concen: 11.815 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

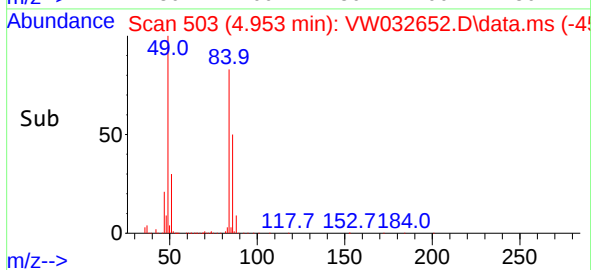
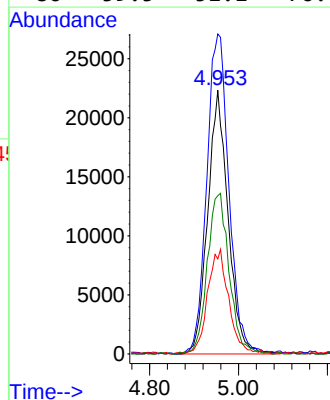
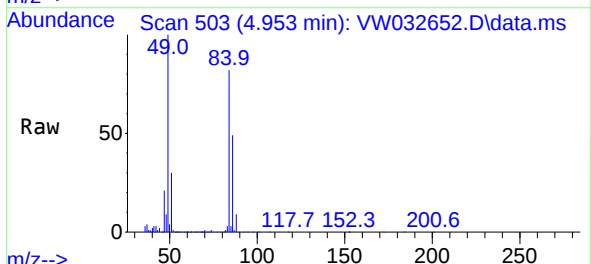
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

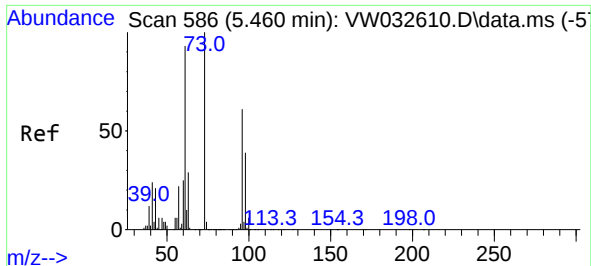
Tgt Ion: 73 Resp: 96616
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 12.088 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.005 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 84 Resp: 71210
Ion Ratio Lower Upper
84 100
49 121.4 106.9 160.3
51 35.7 31.4 47.2
86 59.5 51.1 76.7

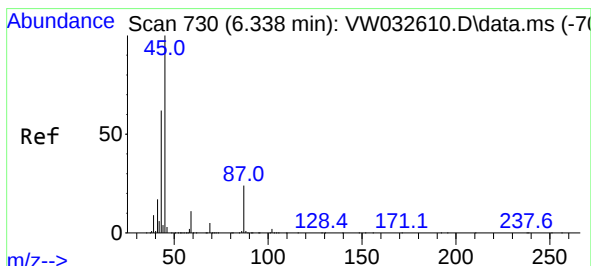
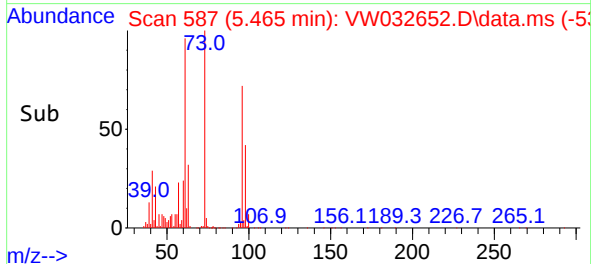
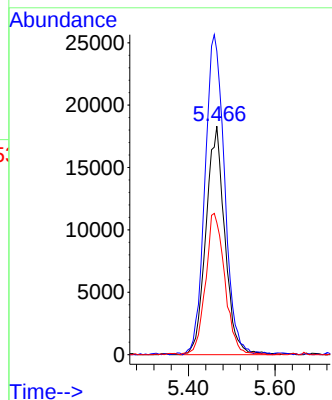
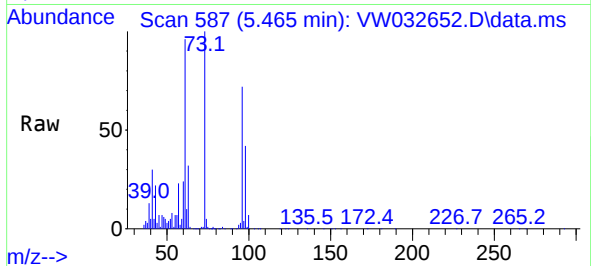




#21
trans-1,2-Dichloroethene
Concen: 12.844 ug/l
RT: 5.465 min Scan# 51
Delta R.T. 0.018 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

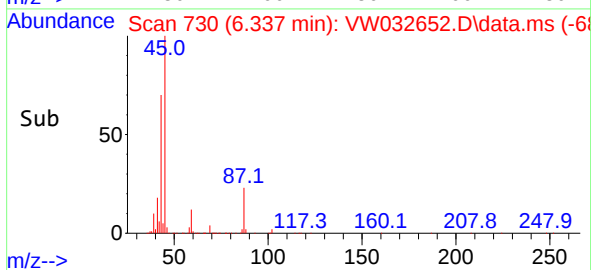
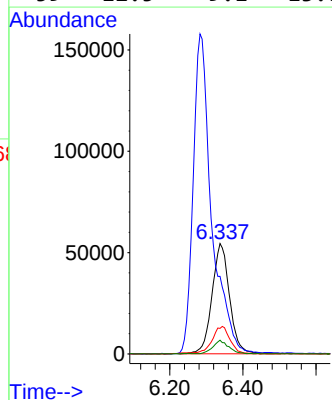
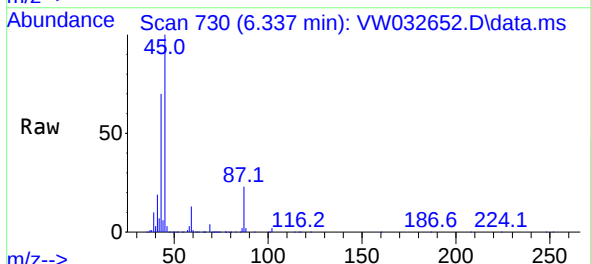
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

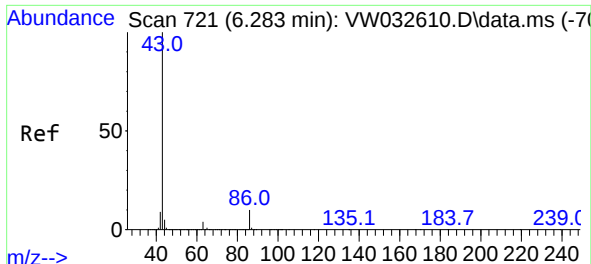
Tgt Ion: 96 Resp: 55635
Ion Ratio Lower Upper
96 100
61 132.2 121.7 182.5
98 57.8 50.6 76.0



#22
Diisopropyl ether
Concen: 12.362 ug/l
RT: 6.337 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 45 Resp: 181336
Ion Ratio Lower Upper
45 100
43 69.6 49.1 73.7
87 23.1 19.7 29.5
59 12.5 9.1 13.7

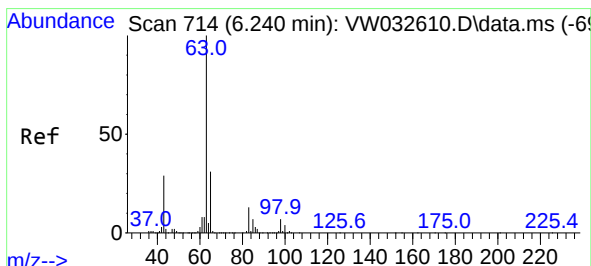
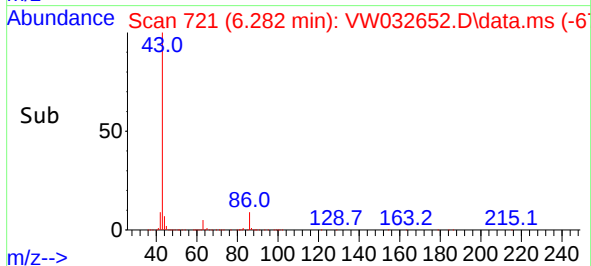
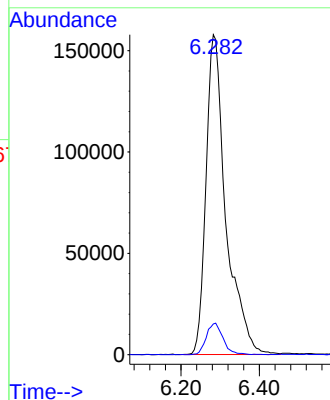
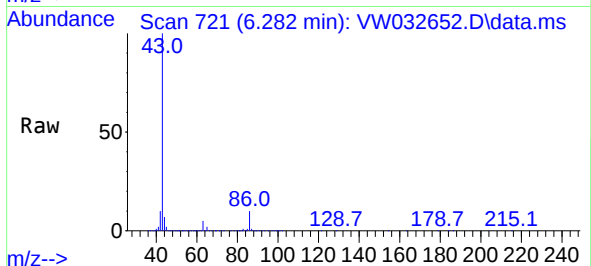




#23
 Vinyl Acetate
 Concen: 57.092 ug/l
 RT: 6.282 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032652.D
 Acq: 16 Dec 2025 13:27

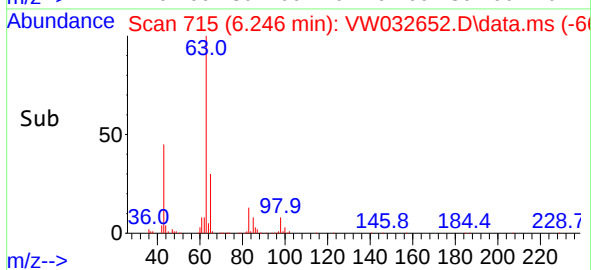
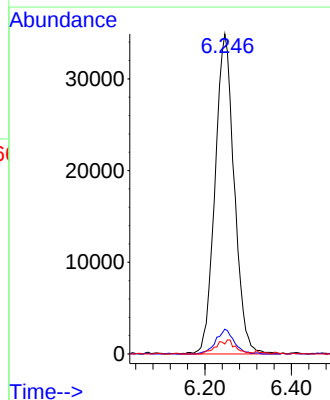
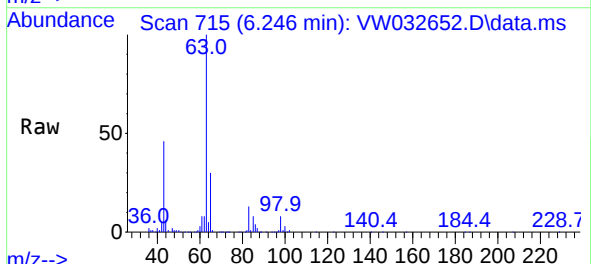
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

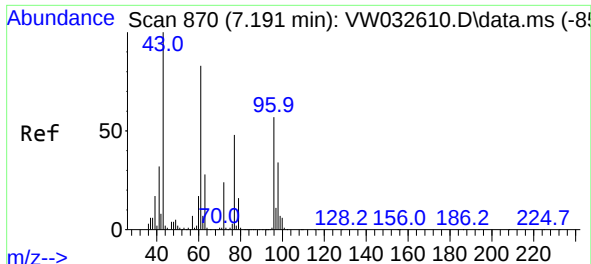
Tgt Ion: 43 Resp: 556166
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 12.604 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032652.D
 Acq: 16 Dec 2025 13:27

Tgt Ion: 63 Resp: 107309
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 3.1 2.1 6.5





#25

2-Butanone

Concen: 54.764 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.012 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

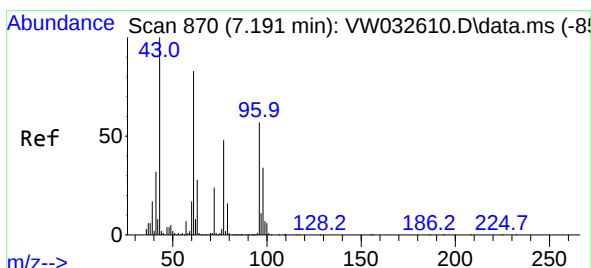
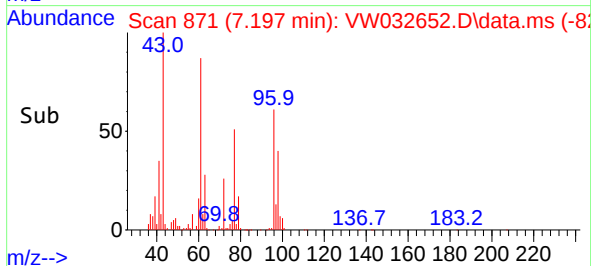
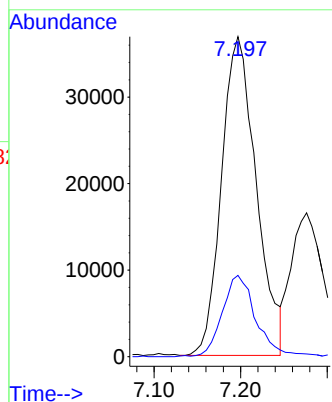
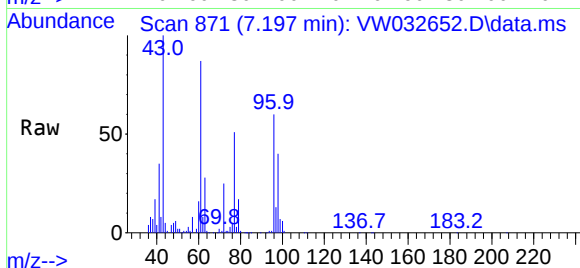
VSTDICC010

Tgt Ion: 43 Resp: 102678

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 12.656 ug/l

RT: 7.185 min Scan# 869

Delta R.T. 0.006 min

Lab File: VW032652.D

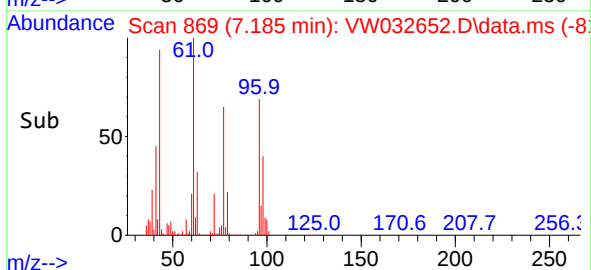
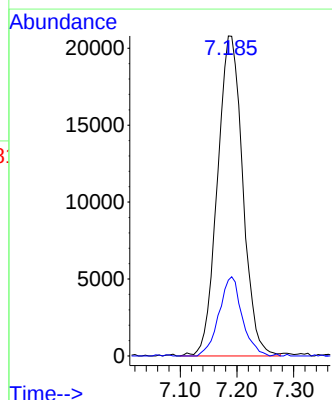
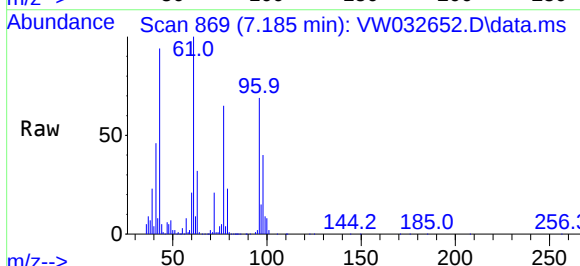
Acq: 16 Dec 2025 13:27

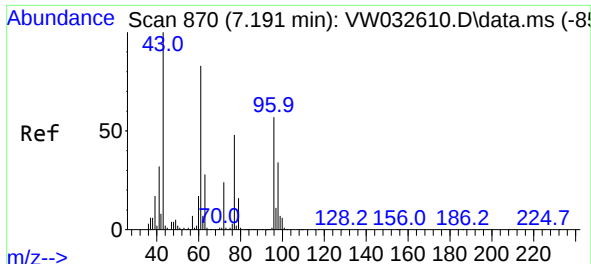
Tgt Ion: 77 Resp: 64504

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



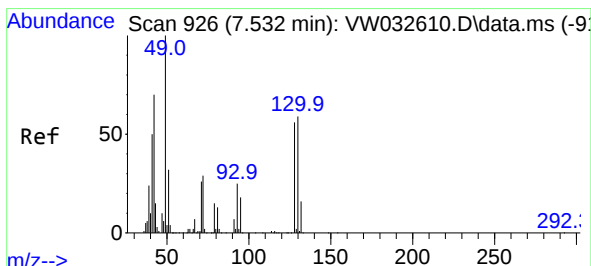
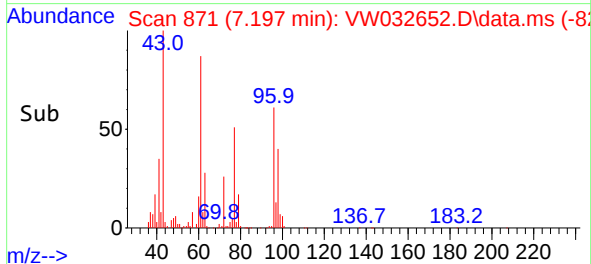
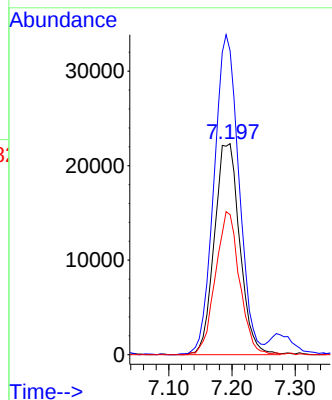
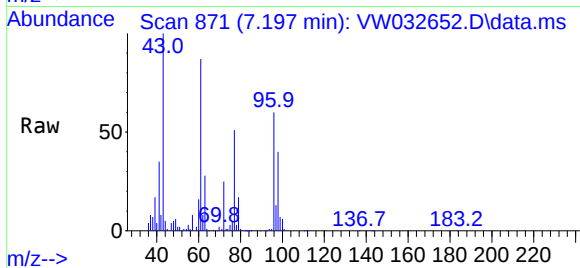


#27
 cis-1,2-Dichloroethene
 Concen: 12.272 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.012 min
 Lab File: VW032652.D
 Acq: 16 Dec 2025 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 62139

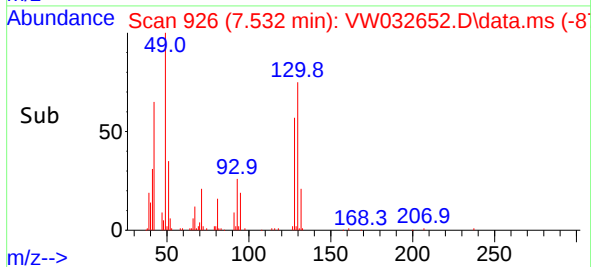
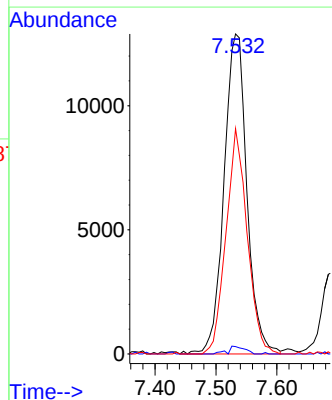
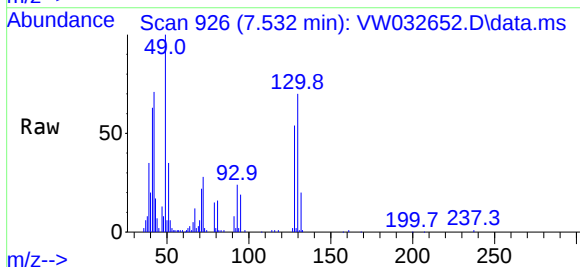
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	295.8
98	64.7	0.0	127.2

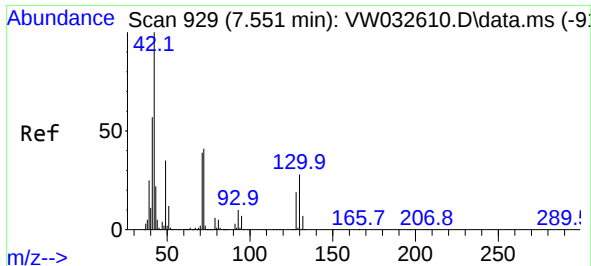


#28
 Bromochloromethane
 Concen: 10.442 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VW032652.D
 Acq: 16 Dec 2025 13:27

Tgt Ion: 49 Resp: 33644

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	65.2	53.3	79.9





#29

Tetrahydrofuran

Concen: 52.577 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC010

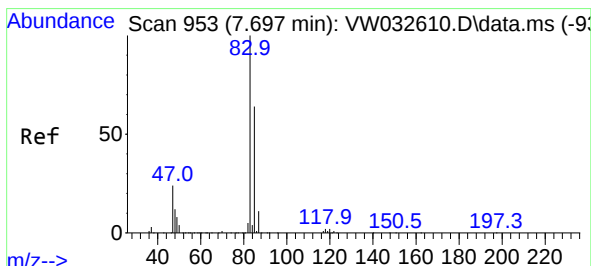
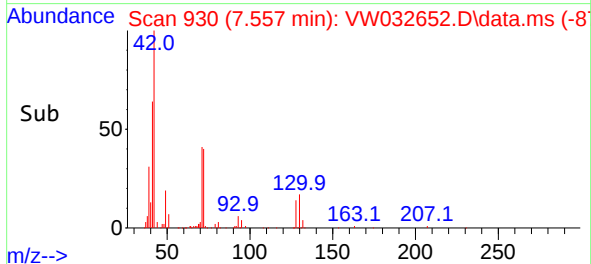
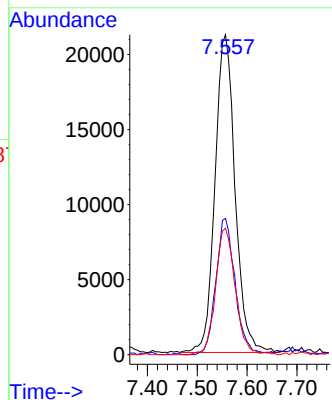
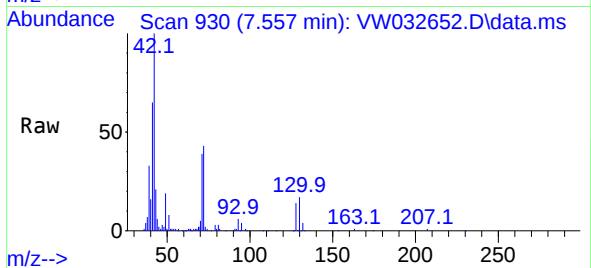
Tgt Ion: 42 Resp: 59372

Ion Ratio Lower Upper

42 100

72 41.0 33.2 49.8

71 38.8 30.7 46.1



#30

Chloroform

Concen: 12.968 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032652.D

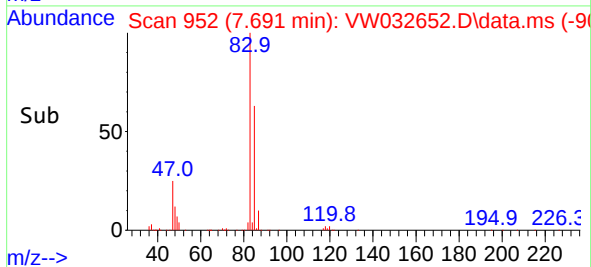
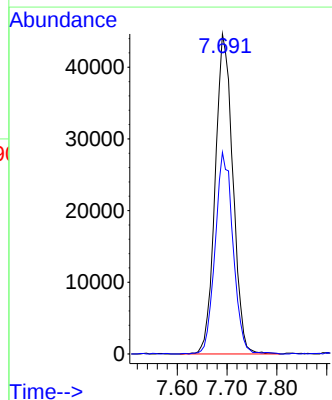
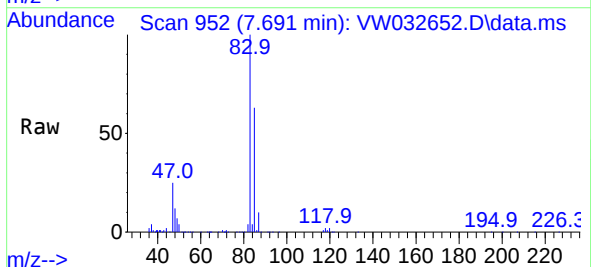
Acq: 16 Dec 2025 13:27

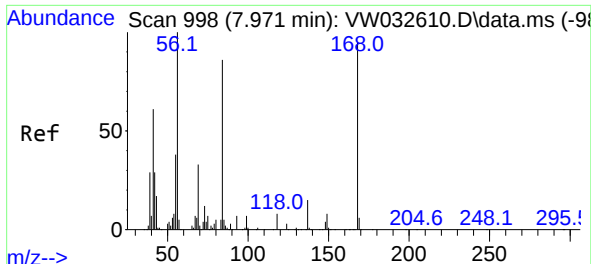
Tgt Ion: 83 Resp: 109887

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.2

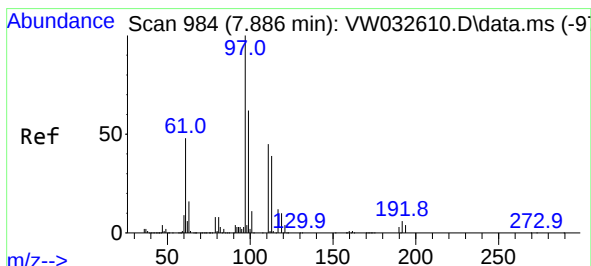
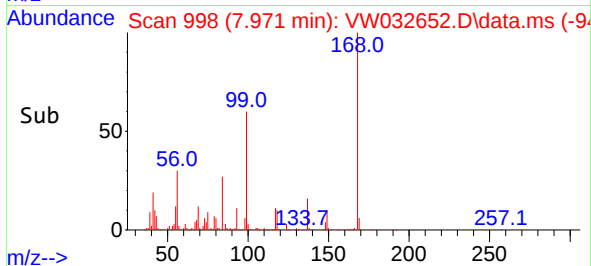
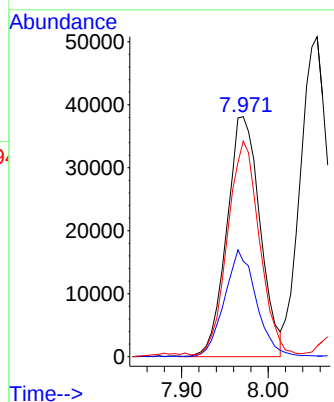
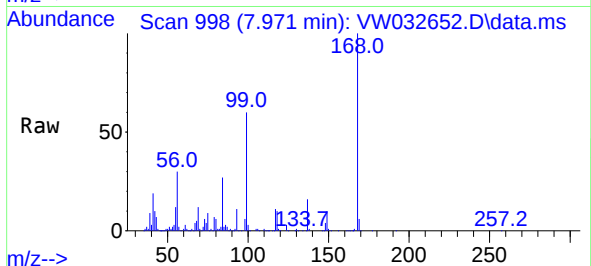




#31
Cyclohexane
Concen: 12.881 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

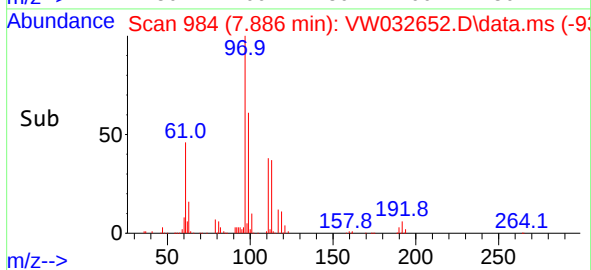
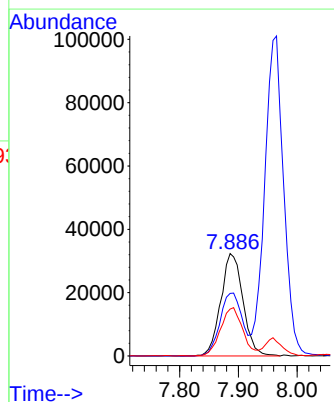
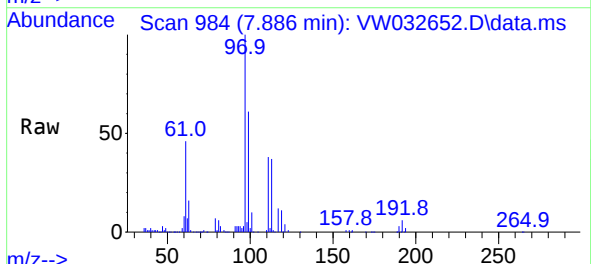
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

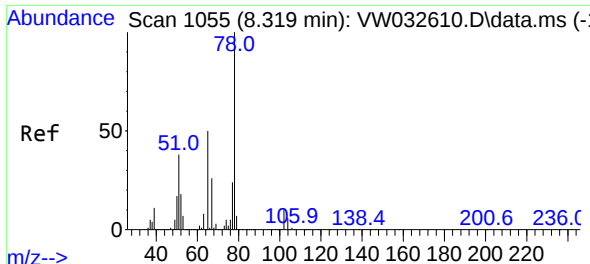
Tgt Ion: 56 Resp: 101666
Ion Ratio Lower Upper
56 100
69 39.5 26.2 39.2#
84 88.7 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 13.148 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 97 Resp: 84856
Ion Ratio Lower Upper
97 100
99 60.8 50.8 76.2
61 47.5 37.8 56.8

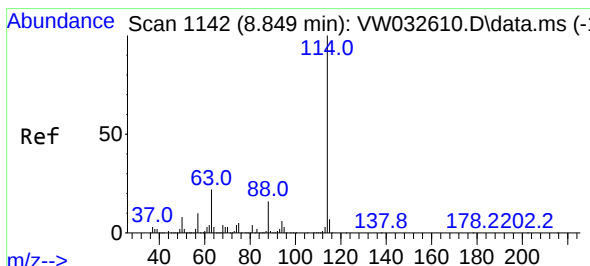
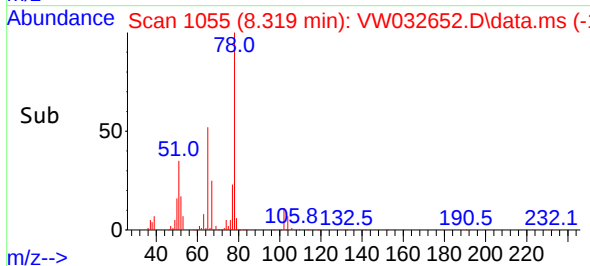
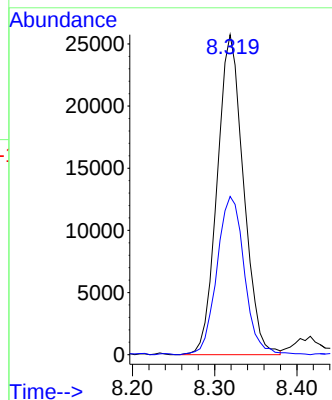
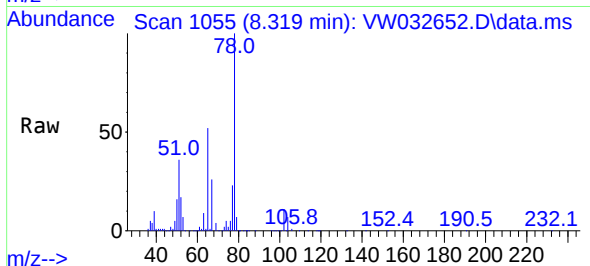




#33
1,2-Dichloroethane-d4
Concen: 11.945 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

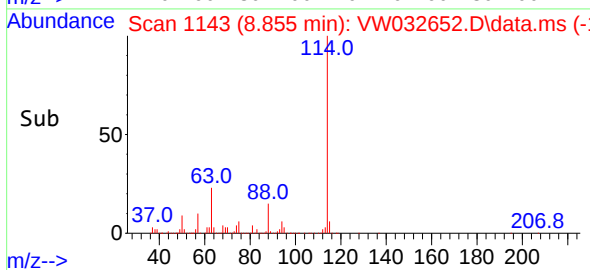
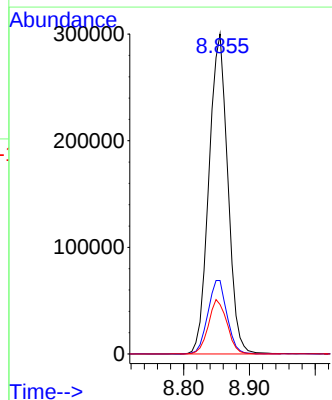
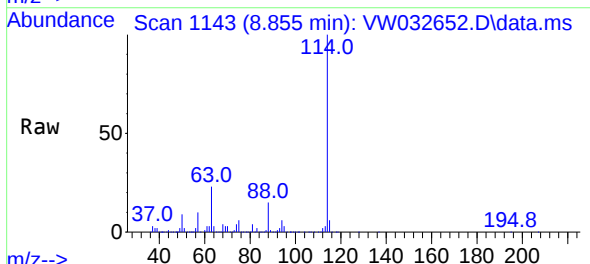
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

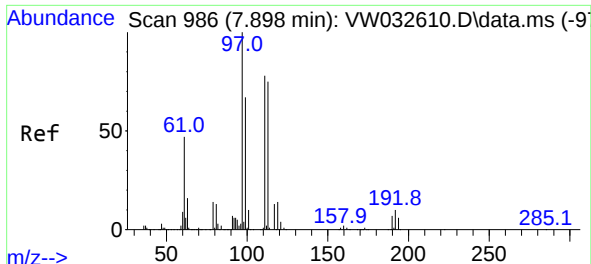
Tgt Ion: 65 Resp: 57363
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 114 Resp: 597817
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.6
88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 12.093 ug/l

RT: 7.898 min Scan# 986

Delta R.T. 0.006 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

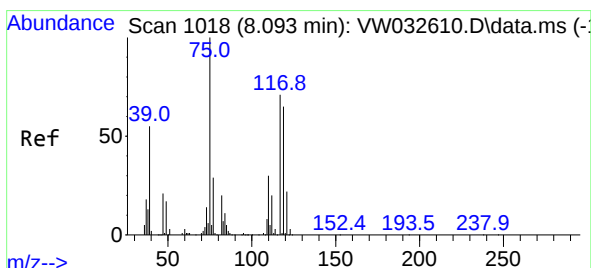
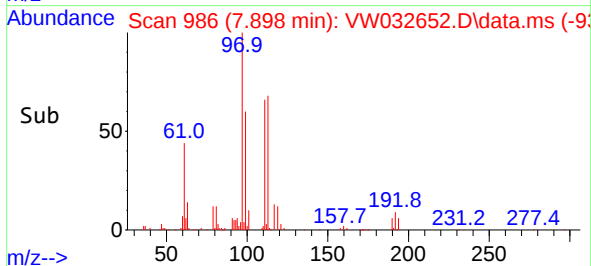
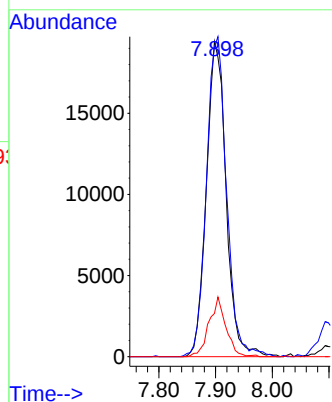
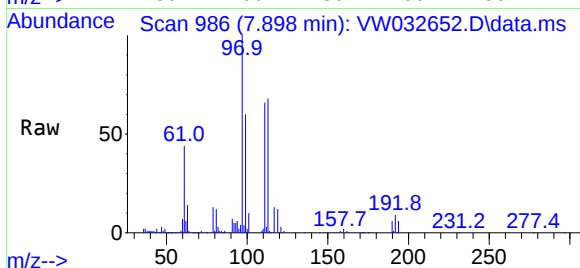
Tgt Ion:113 Resp: 46980

Ion Ratio Lower Upper

113 100

111 103.5 85.2 127.8

192 16.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 12.904 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

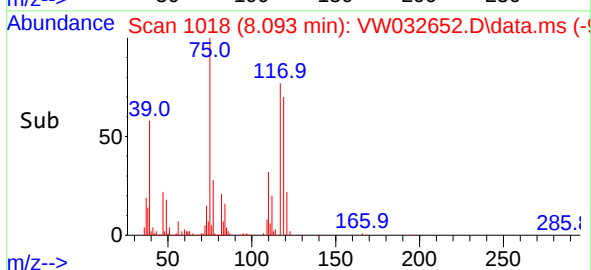
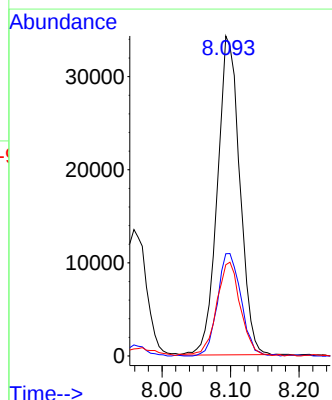
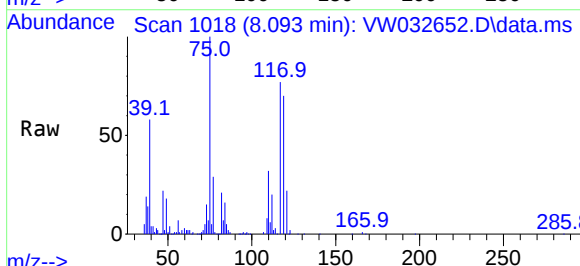
Tgt Ion: 75 Resp: 77635

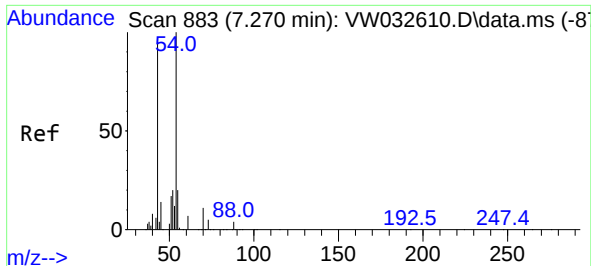
Ion Ratio Lower Upper

75 100

110 33.9 16.3 48.9

77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 11.074 ug/l

RT: 7.276 min Scan# 884

Delta R.T. 0.012 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

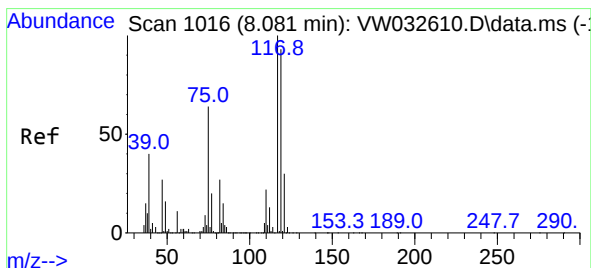
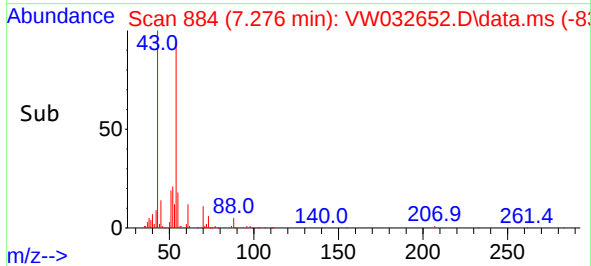
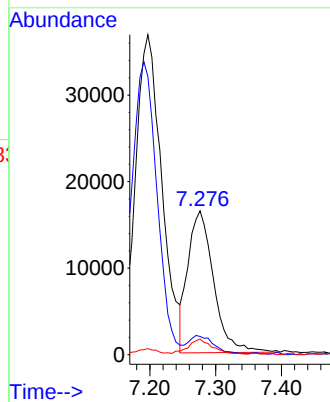
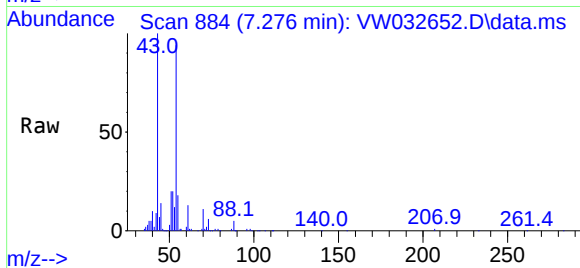
Tgt Ion: 43 Resp: 44245

Ion Ratio Lower Upper

43 100

61 12.2 10.3 15.5

70 10.2 7.7 11.5



#38

Carbon Tetrachloride

Concen: 12.713 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.012 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

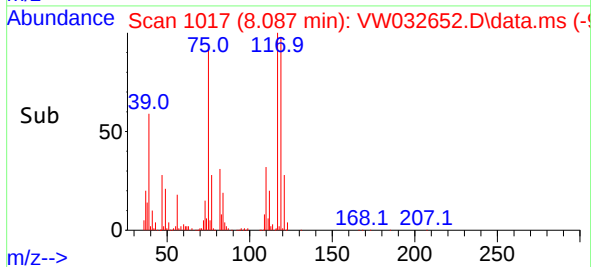
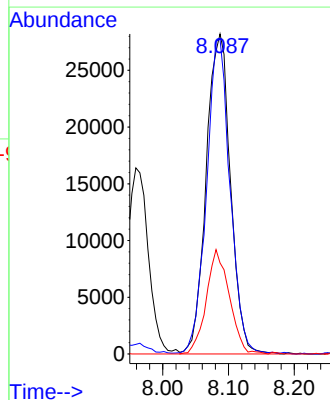
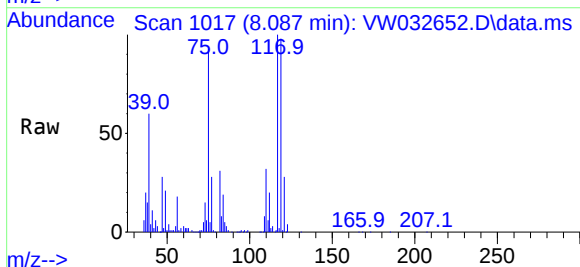
Tgt Ion: 117 Resp: 72400

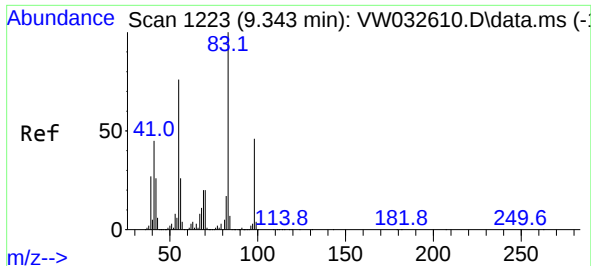
Ion Ratio Lower Upper

117 100

119 98.1 74.3 111.5

121 28.5 23.6 35.4

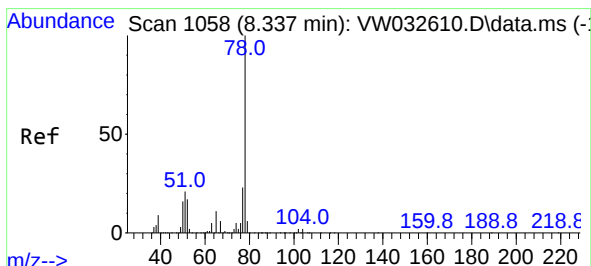
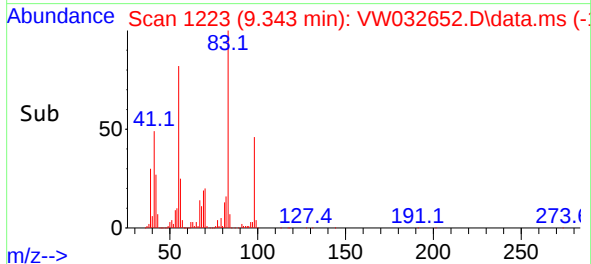
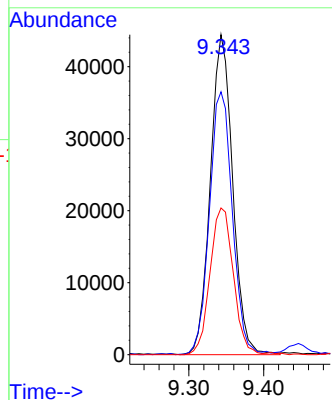
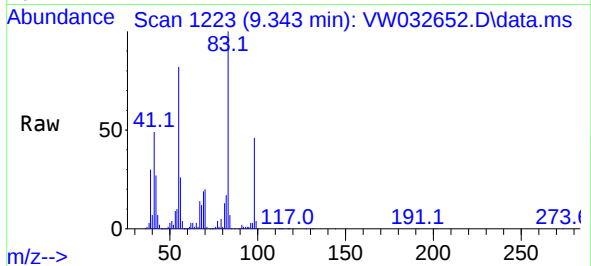




#39
Methylcyclohexane
Concen: 12.234 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

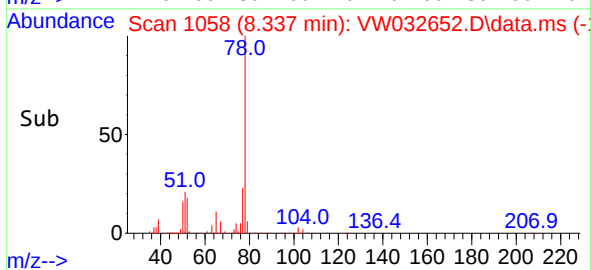
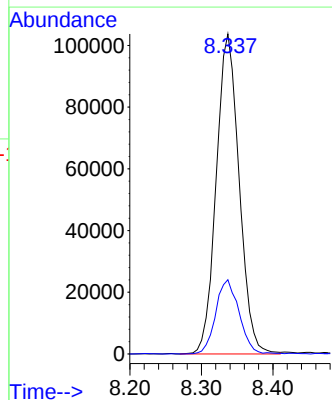
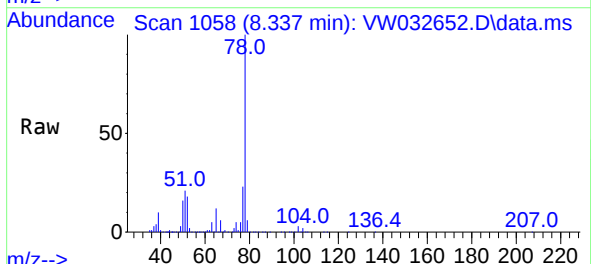
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

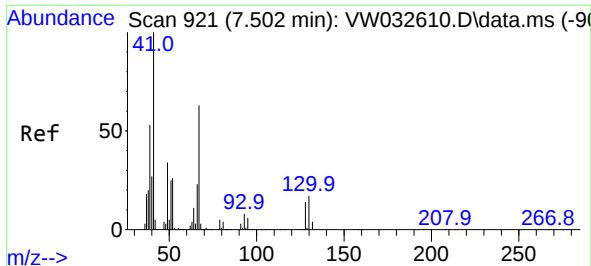
Tgt Ion:	83	Resp:	92176
Ion	Ratio	Lower	Upper
83	100		
55	82.0	61.2	91.8
98	45.9	37.0	55.4



#40
Benzene
Concen: 12.778 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:	78	Resp:	230916
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0



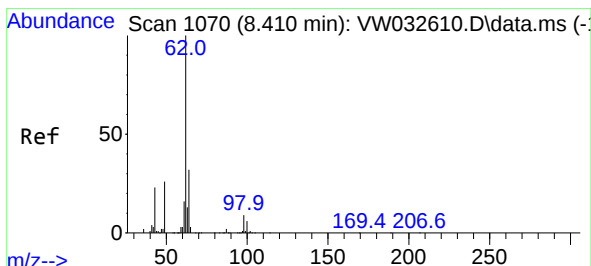
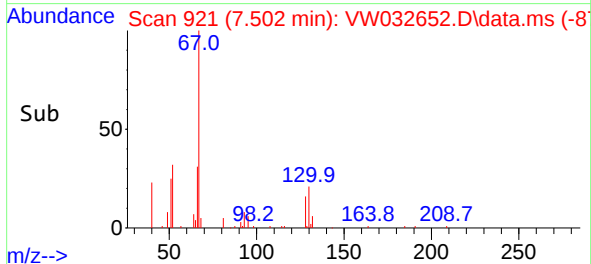
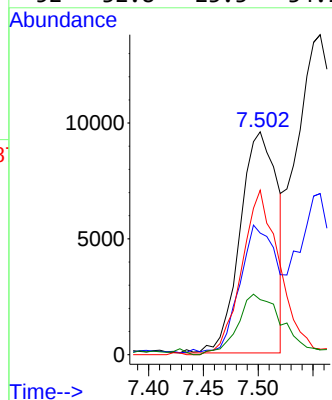
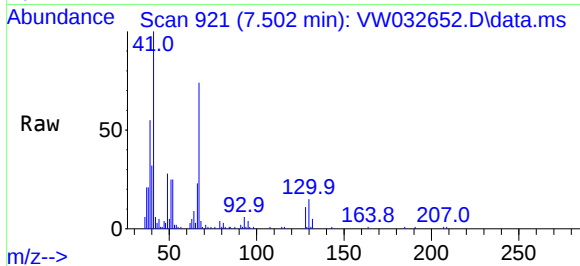


#41
Methacrylonitrile
Concen: 10.141 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 22460

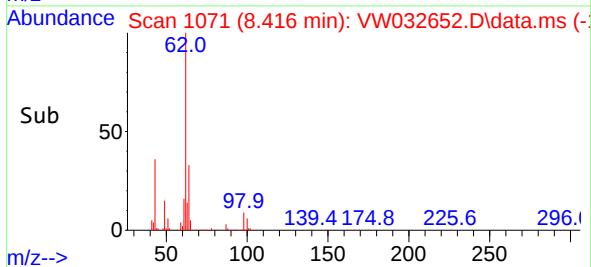
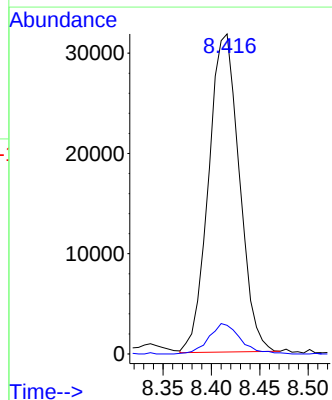
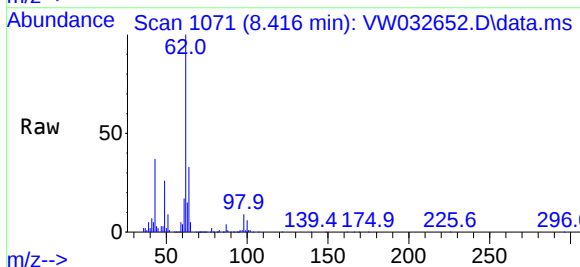
Ion	Ratio	Lower	Upper
41	100		
39	60.2	47.3	70.9
67	76.1	55.9	83.9
52	32.8	23.3	34.9

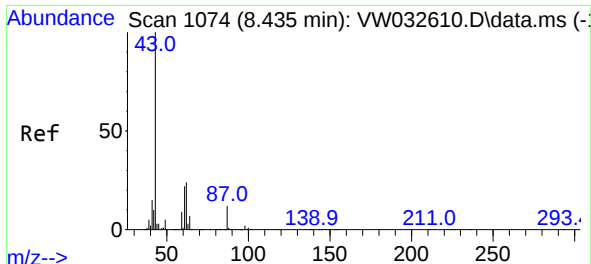


#42
1,2-Dichloroethane
Concen: 12.283 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 62 Resp: 70237

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.8

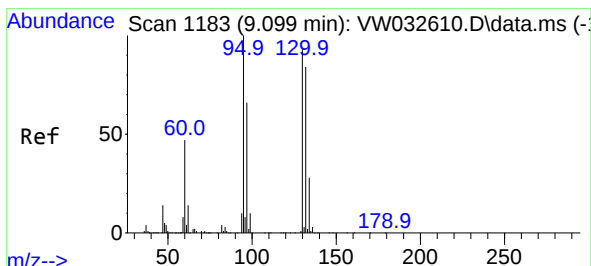
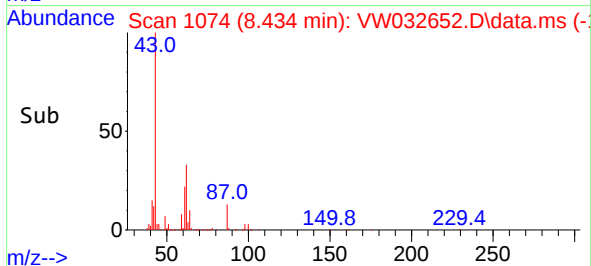
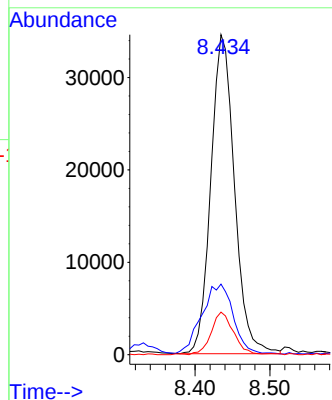
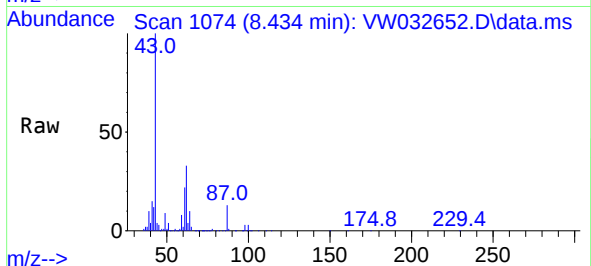




#43
Isopropyl Acetate
Concen: 10.927 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

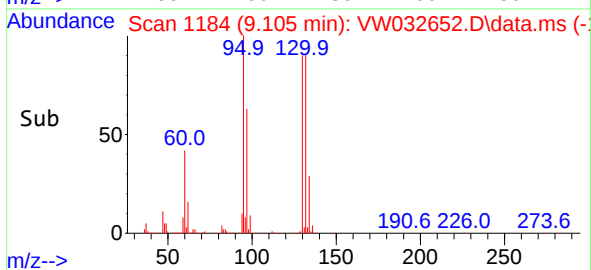
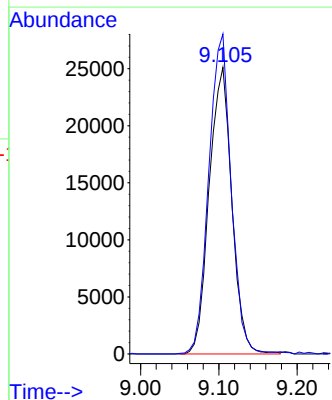
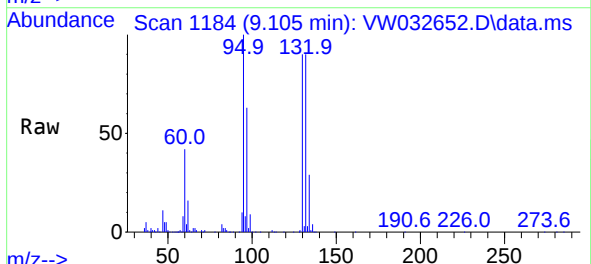
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

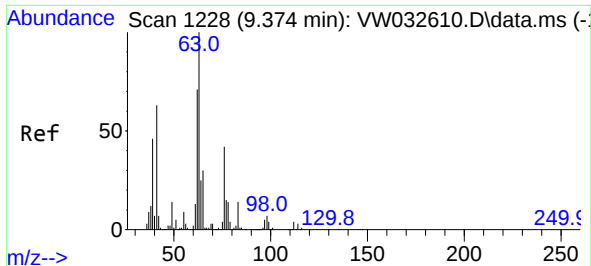
Tgt Ion: 43 Resp: 76008
Ion Ratio Lower Upper
43 100
61 29.5 22.7 34.1
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 12.072 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.012 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:130 Resp: 50459
Ion Ratio Lower Upper
130 100
95 111.4 0.0 215.6





#45

1,2-Dichloropropane

Concen: 12.627 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

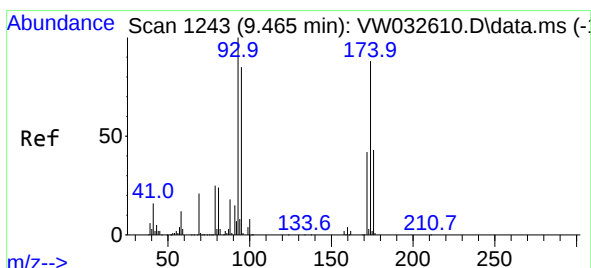
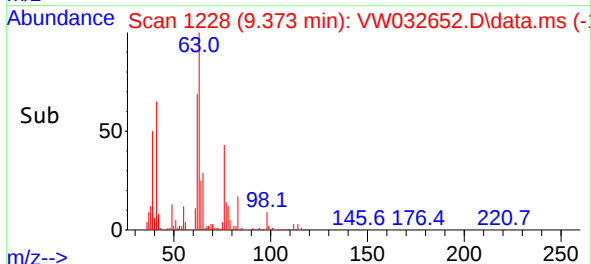
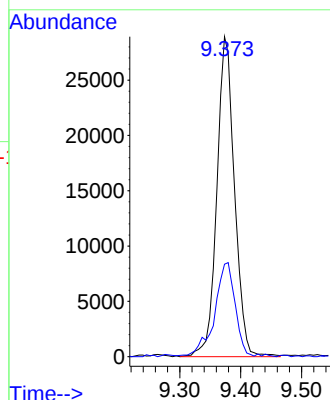
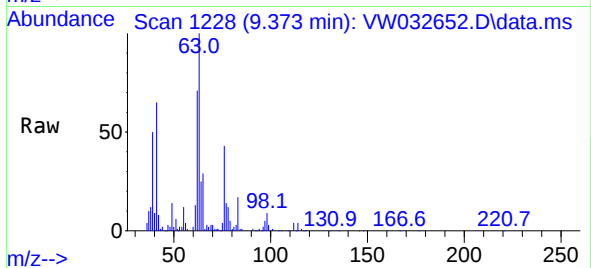
VSTDICC010

Tgt Ion: 63 Resp: 58196

Ion Ratio Lower Upper

63 100

65 28.5 23.8 35.6



#46

Dibromomethane

Concen: 12.169 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

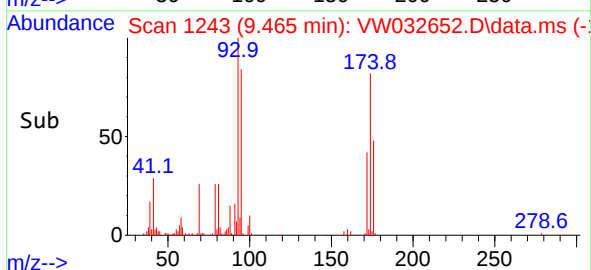
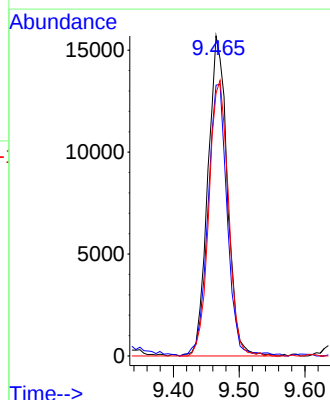
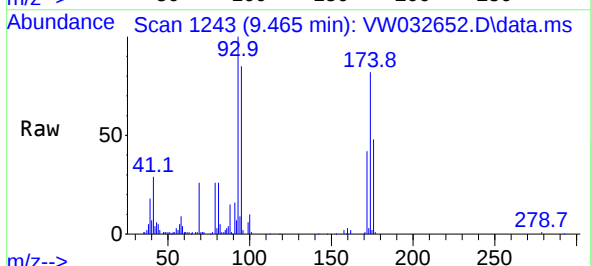
Tgt Ion: 93 Resp: 32265

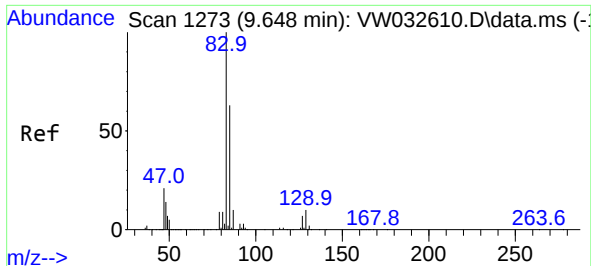
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

174 86.1 67.6 101.4

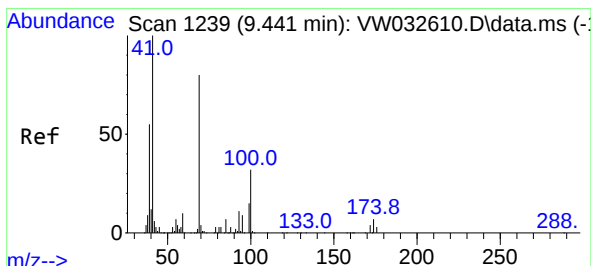
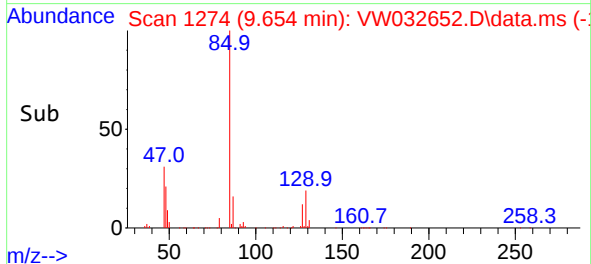
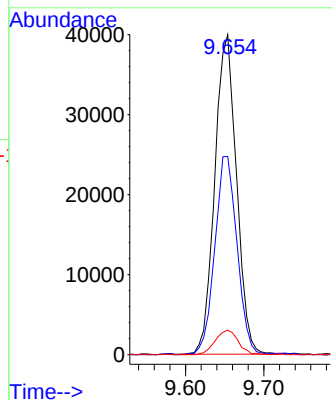
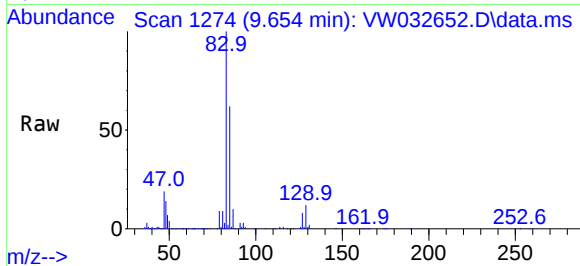




#47
Bromodichloromethane
Concen: 12.358 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

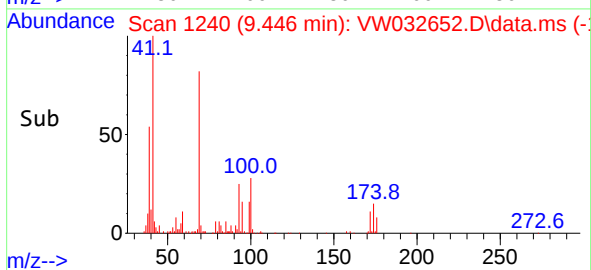
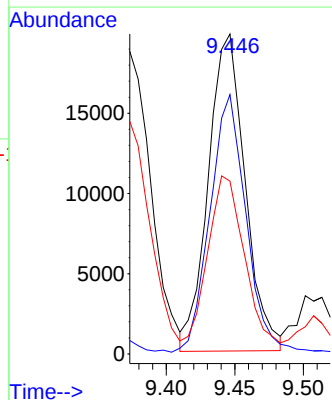
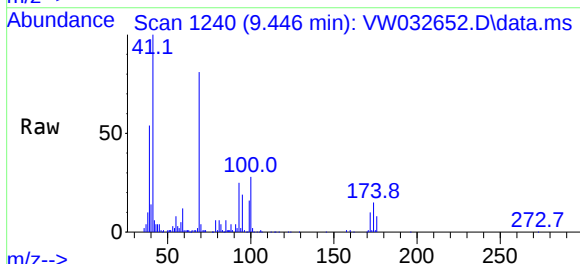
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

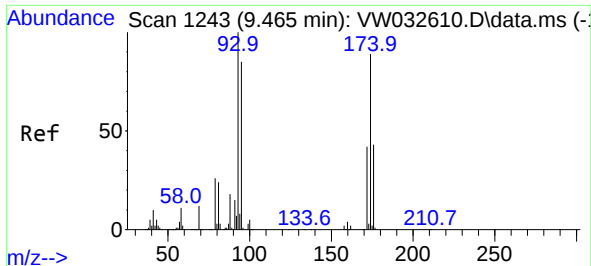
Tgt Ion: 83 Resp: 77223
Ion Ratio Lower Upper
83 100
85 62.0 50.7 76.1
127 7.7 6.0 9.0



#48
Methyl methacrylate
Concen: 11.042 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 41 Resp: 36976
Ion Ratio Lower Upper
41 100
69 79.7 67.9 101.9
39 51.2 43.8 65.8





#49

1,4-Dioxane

Concen: 232.286 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

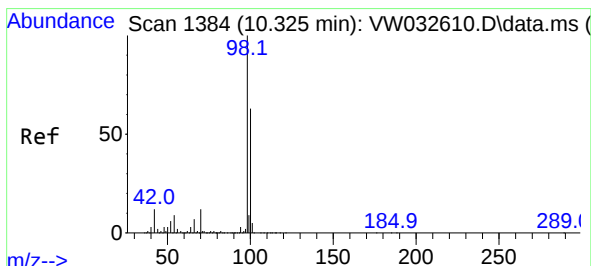
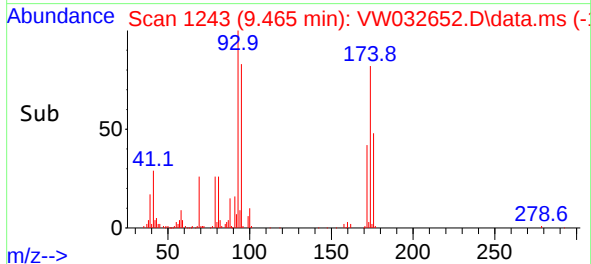
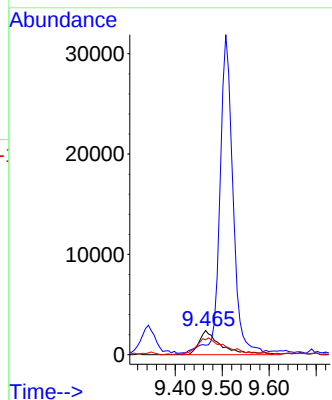
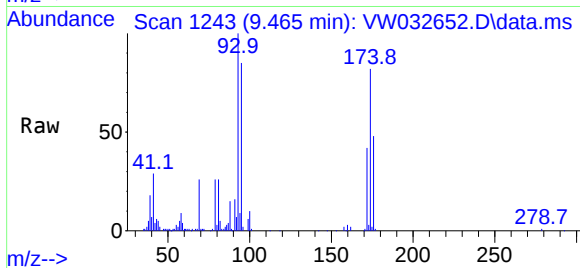
Tgt Ion: 88 Resp: 7814

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 90.5 63.8 95.8



#50

Toluene-d8

Concen: 11.997 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032652.D

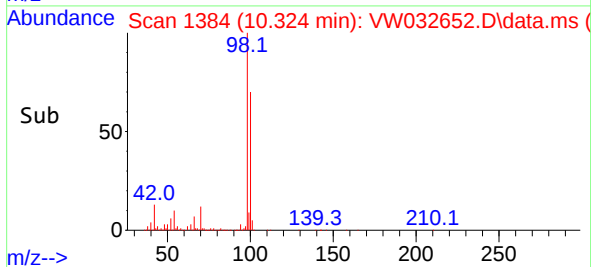
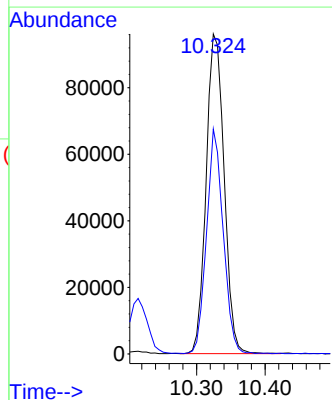
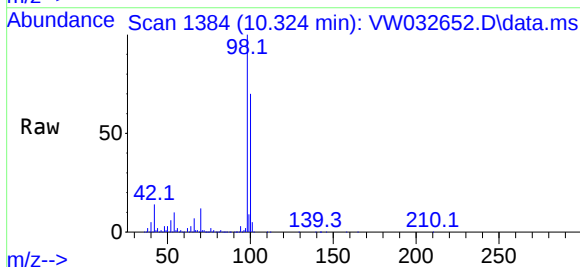
Acq: 16 Dec 2025 13:27

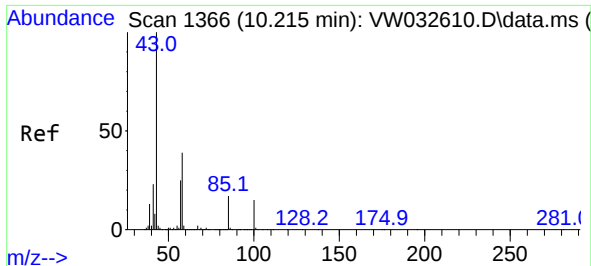
Tgt Ion: 98 Resp: 175623

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2

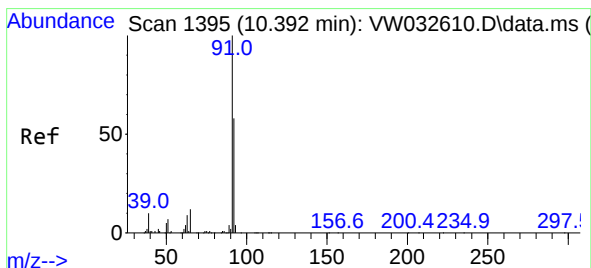
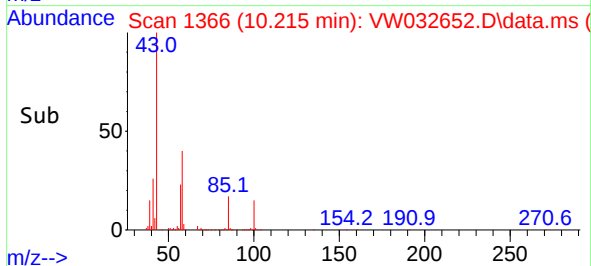
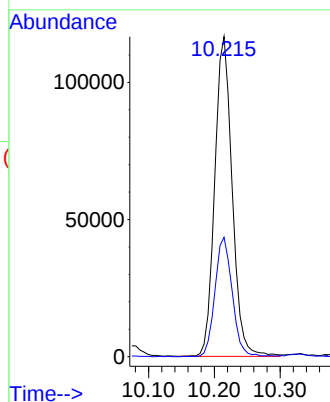
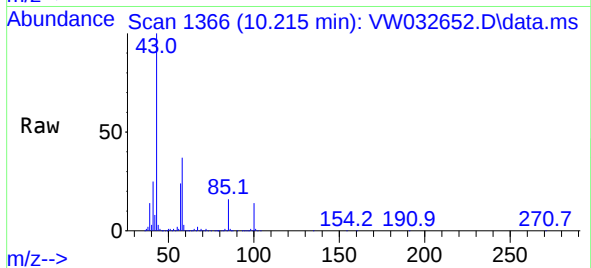




#51
4-Methyl-2-Pentanone
Concen: 55.064 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

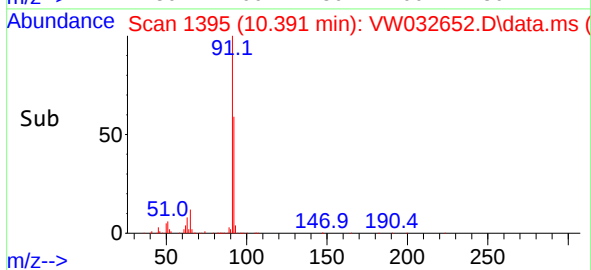
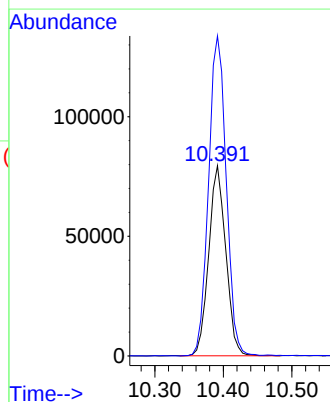
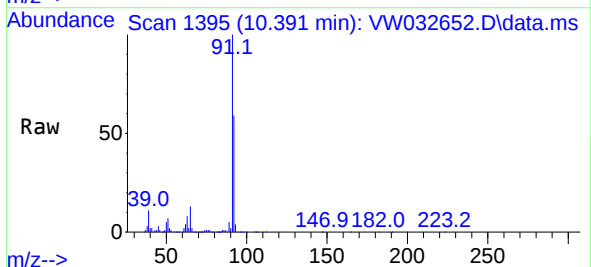
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

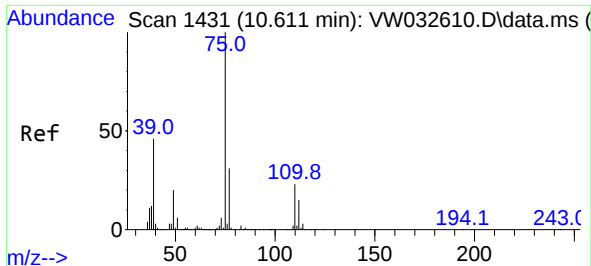
Tgt Ion: 43 Resp: 215114
Ion Ratio Lower Upper
43 100
58 37.1 30.6 45.8



#52
Toluene
Concen: 12.350 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 92 Resp: 137427
Ion Ratio Lower Upper
92 100
91 174.7 137.6 206.4

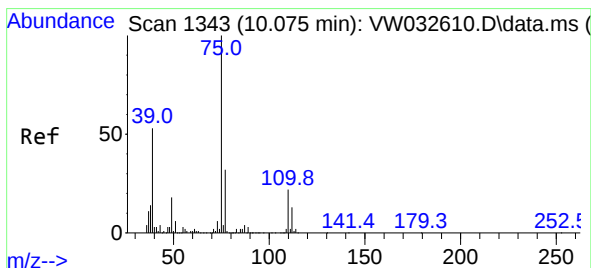
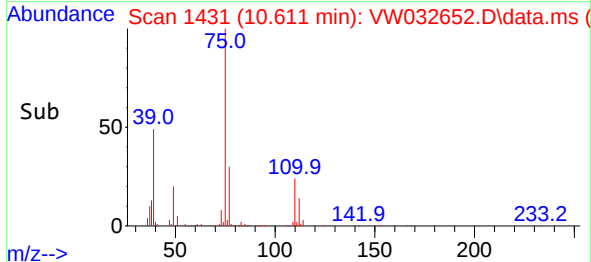
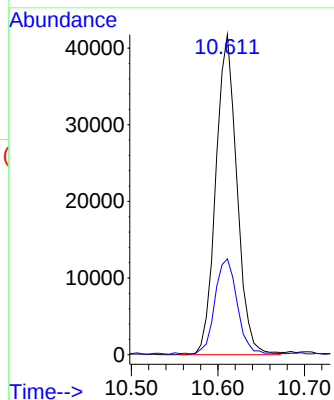
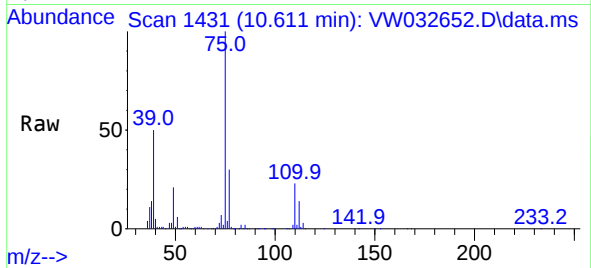




#53
t-1,3-Dichloropropene
Concen: 11.616 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

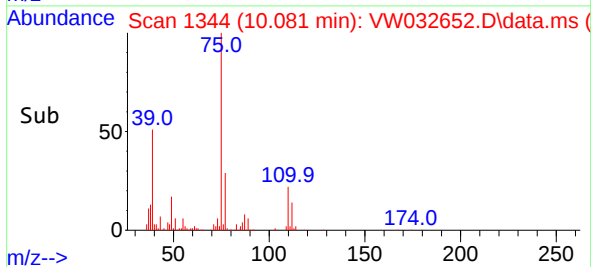
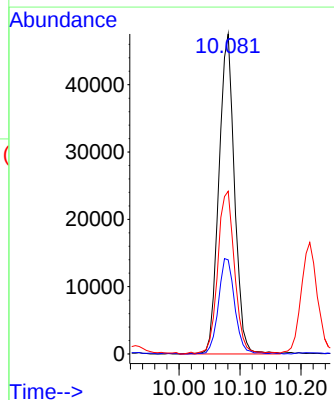
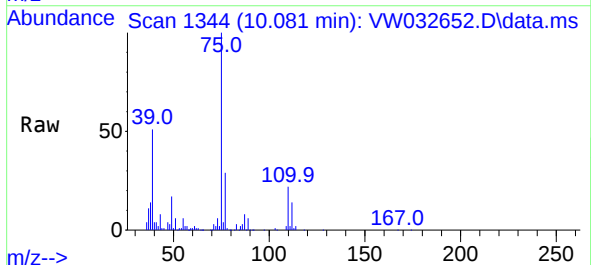
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

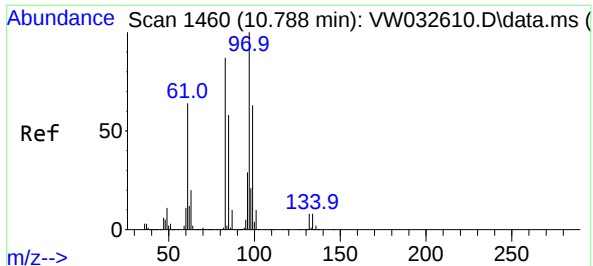
Tgt Ion: 75 Resp: 70622
Ion Ratio Lower Upper
75 100
77 29.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 11.977 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 75 Resp: 84688
Ion Ratio Lower Upper
75 100
77 29.4 26.0 39.0
39 50.8 42.5 63.7



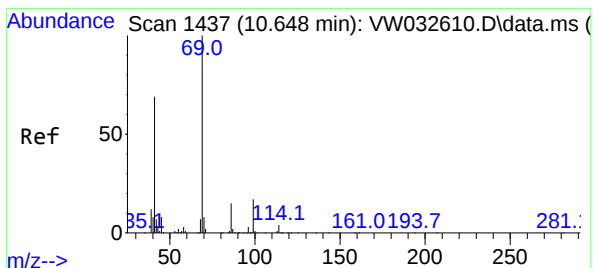
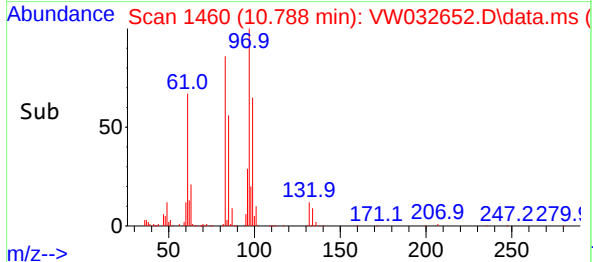
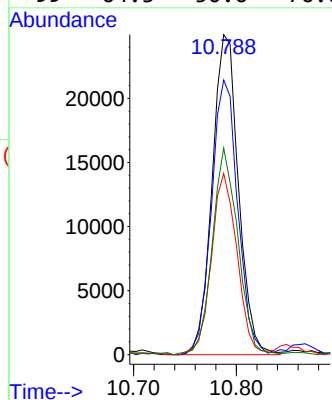
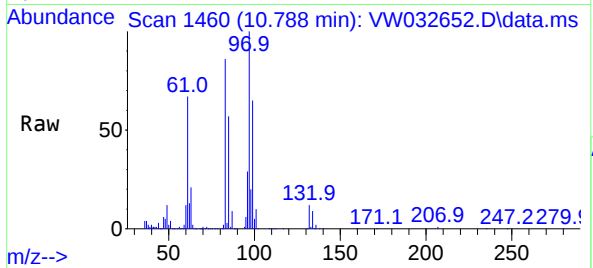


#55
1,1,2-Trichloroethane
Concen: 12.318 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 44279

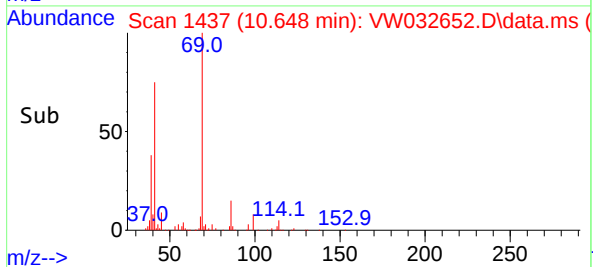
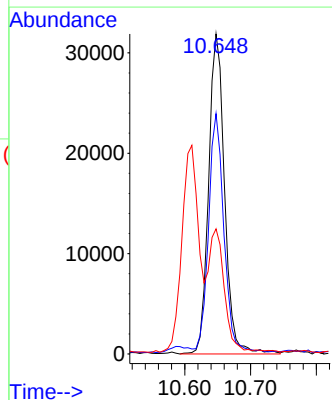
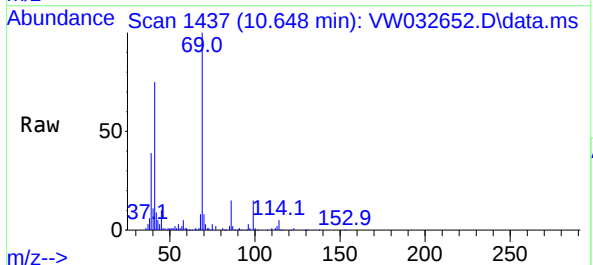
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.3	103.9
85	56.6	46.1	69.1
99	64.3	50.6	76.0

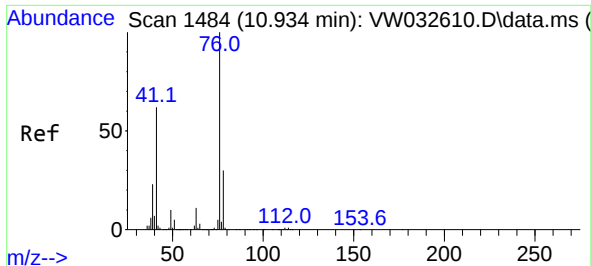


#56
Ethyl methacrylate
Concen: 10.808 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 69 Resp: 53954

Ion	Ratio	Lower	Upper
69	100		
41	71.2	57.0	85.6
39	38.5	27.2	40.8

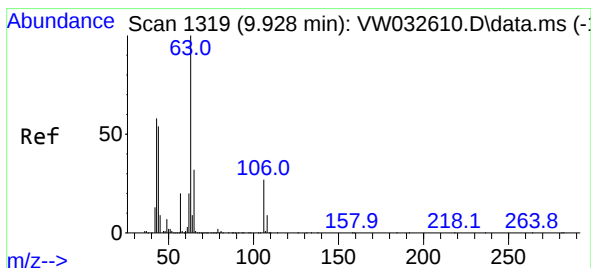
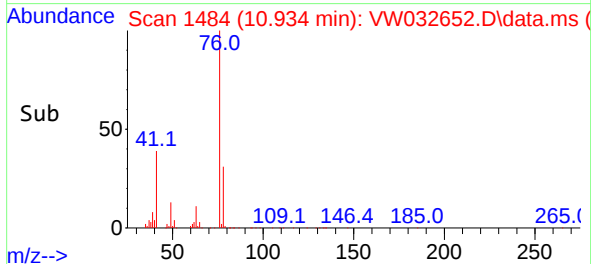
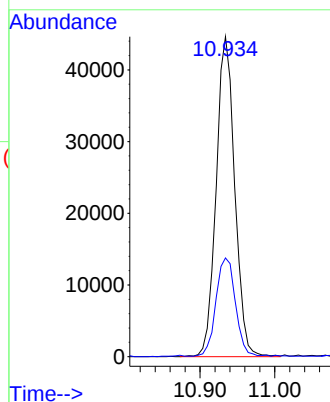
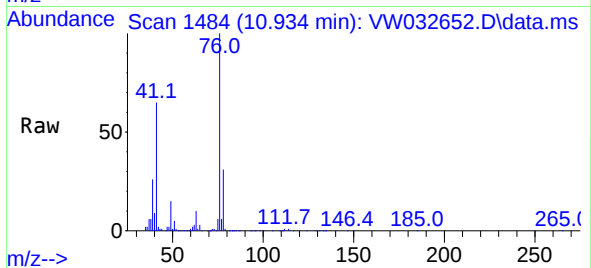




#57
1,3-Dichloropropane
Concen: 12.096 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

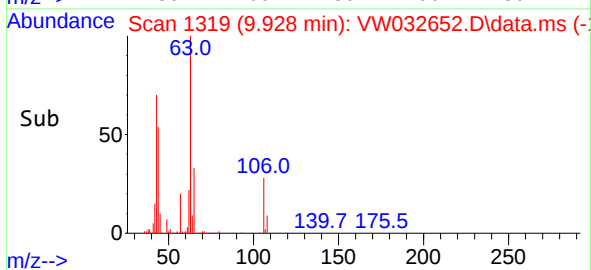
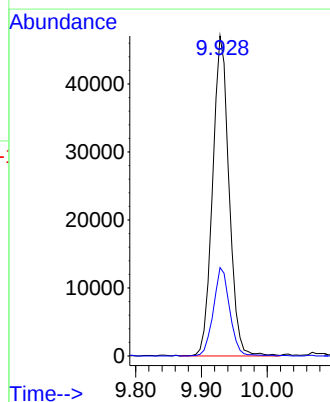
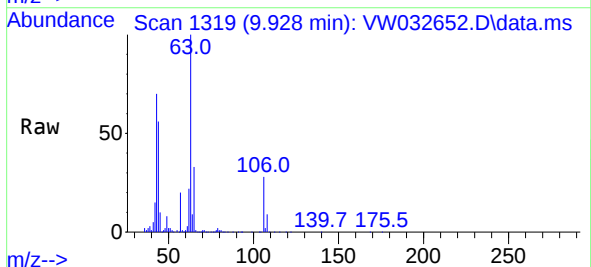
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

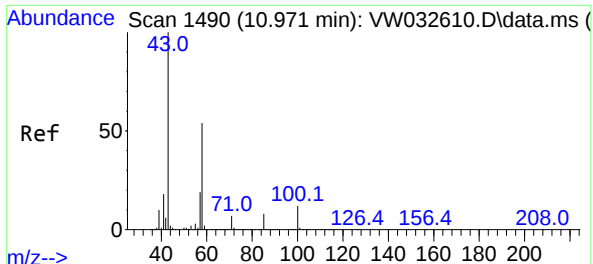
Tgt Ion: 76 Resp: 77024
Ion Ratio Lower Upper
76 100
78 32.1 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 46.007 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.001 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 63 Resp: 81894
Ion Ratio Lower Upper
63 100
106 27.5 21.3 31.9





#59

2-Hexanone

Concen: 54.423 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

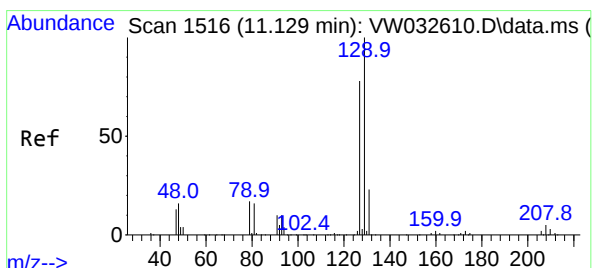
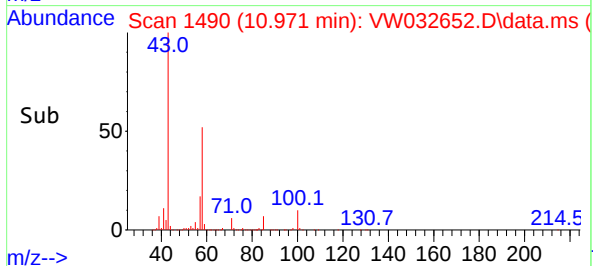
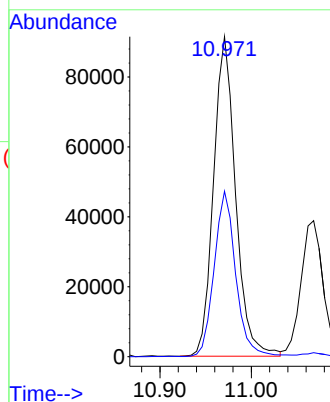
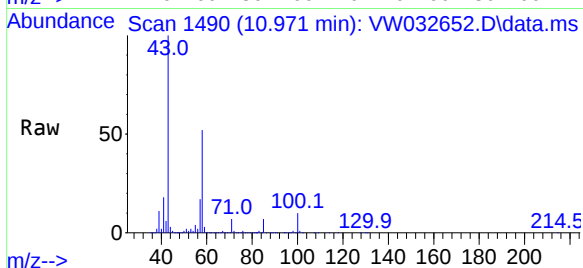
VSTDICC010

Tgt Ion: 43 Resp: 153161

Ion Ratio Lower Upper

43 100

58 50.6 26.3 78.9



#60

Dibromochloromethane

Concen: 11.852 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW032652.D

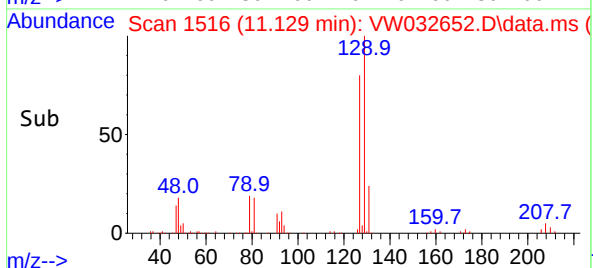
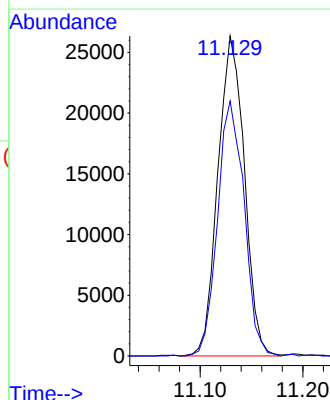
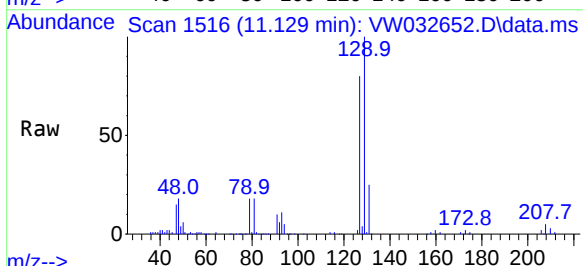
Acq: 16 Dec 2025 13:27

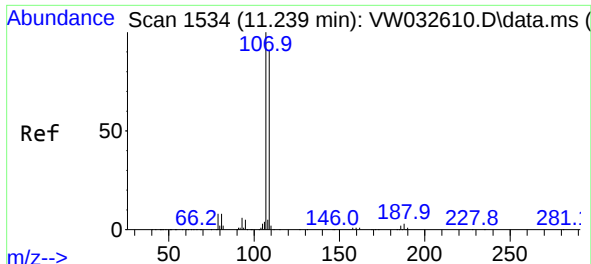
Tgt Ion:129 Resp: 47210

Ion Ratio Lower Upper

129 100

127 79.7 37.2 111.6

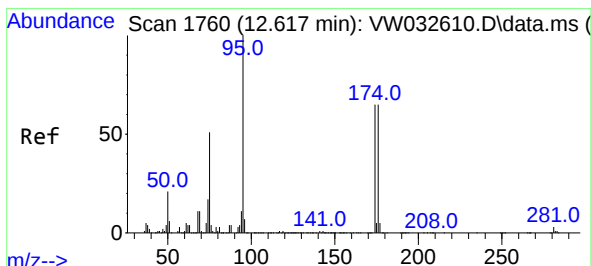
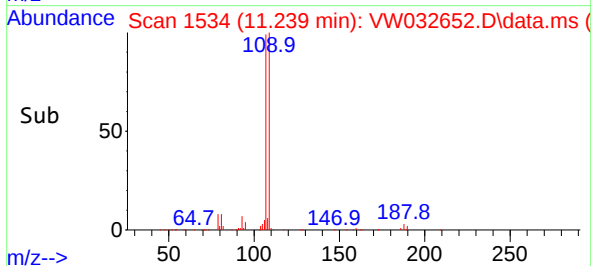
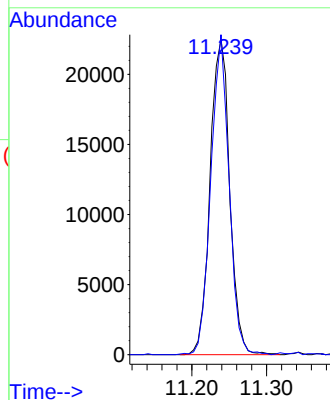
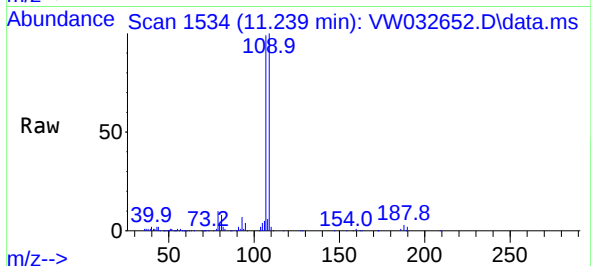




#61
1,2-Dibromoethane
Concen: 11.943 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

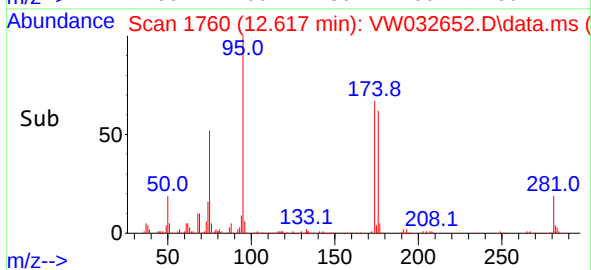
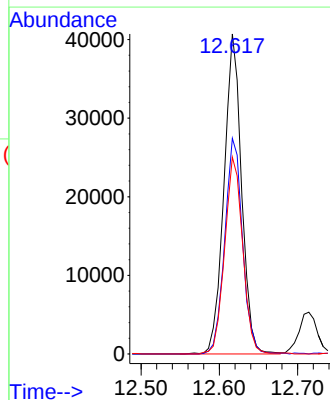
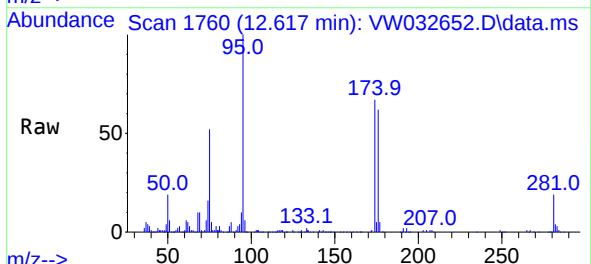
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

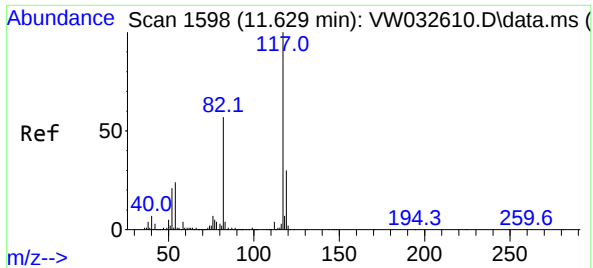
Tgt Ion:107 Resp: 40923
Ion Ratio Lower Upper
107 100
109 94.2 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 11.791 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 95 Resp: 63489
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.0
176 63.1 0.0 123.4

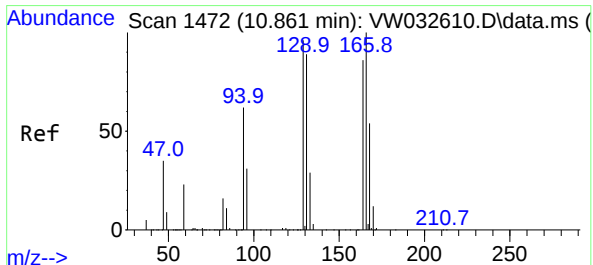
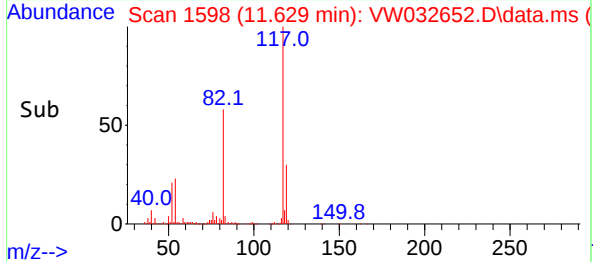
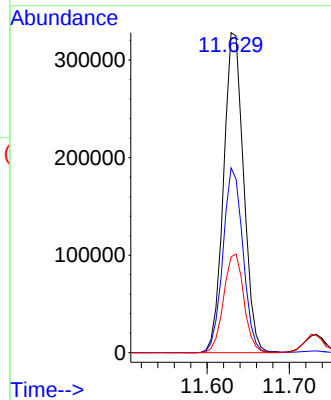
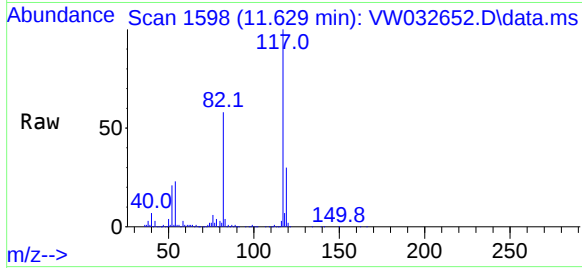




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

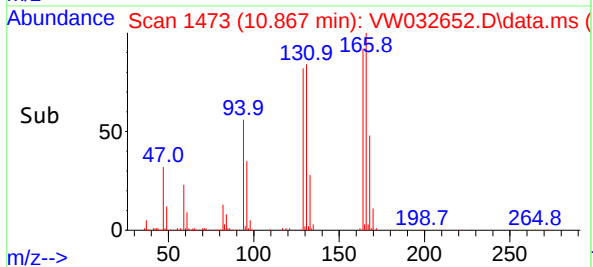
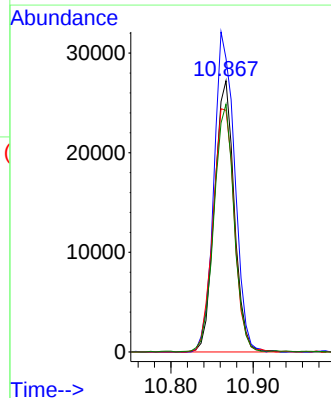
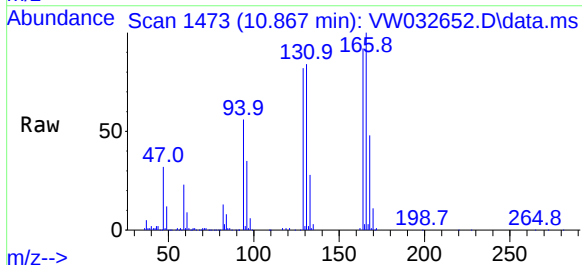
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

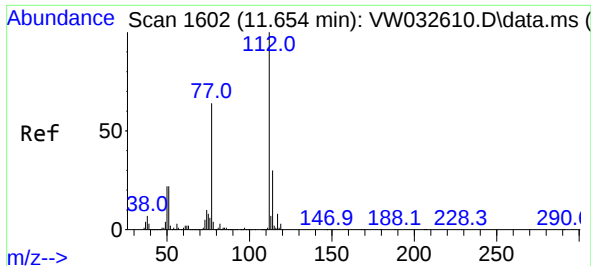
Tgt Ion:117	Resp: 555919
Ion Ratio	Lower Upper
117 100	
82 57.7	45.5 68.3
119 29.9	23.8 35.8



#64
Tetrachloroethene
Concen: 12.829 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt	Ion:164	Resp:	45496
Ion	Ratio	Lower	Upper
164	100		
166	108.3	93.0	139.6
129	89.2	89.2	133.8#
131	91.2	82.7	124.1

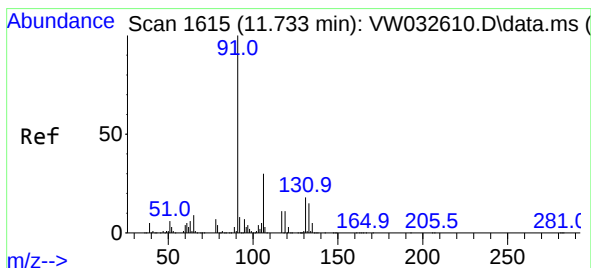
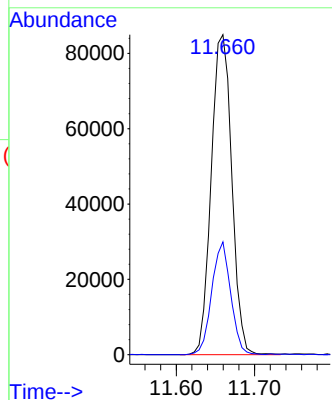




#65
Chlorobenzene
Concen: 12.269 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

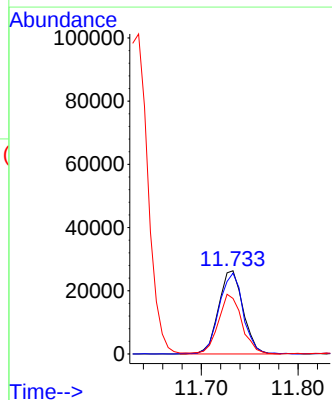
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

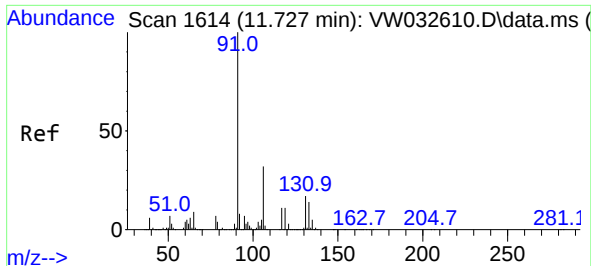
Tgt Ion:112 Resp: 155016
Ion Ratio Lower Upper
112 100
114 35.2 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 11.997 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:131 Resp: 46400
Ion Ratio Lower Upper
131 100
133 95.2 44.0 132.1
119 68.8 32.0 96.2

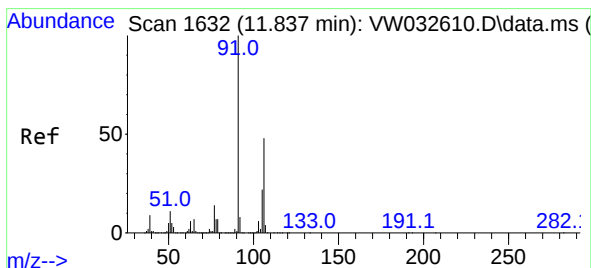
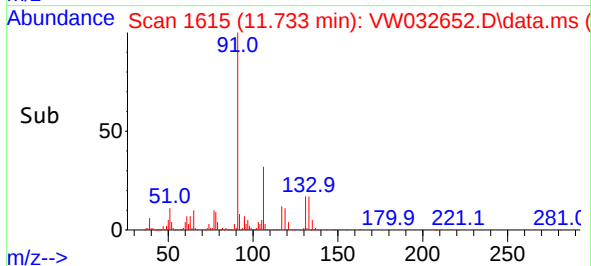
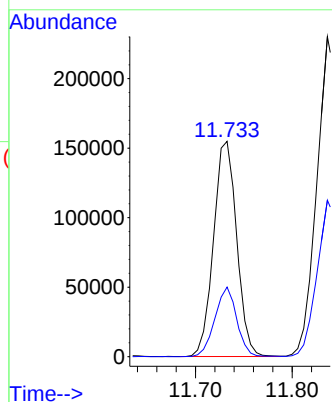
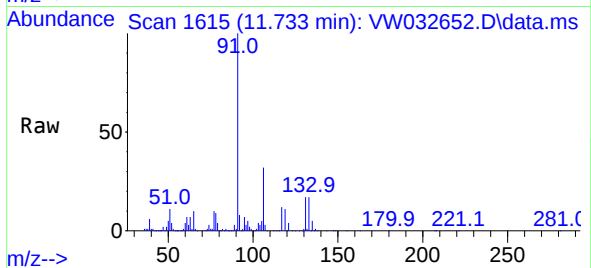




#67
Ethyl Benzene
Concen: 11.929 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

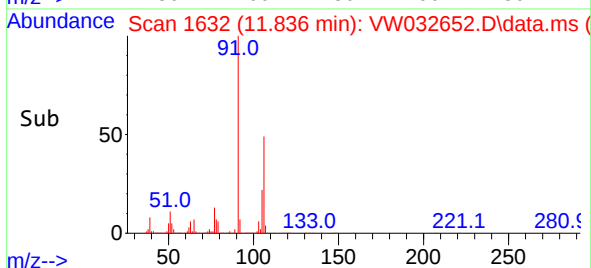
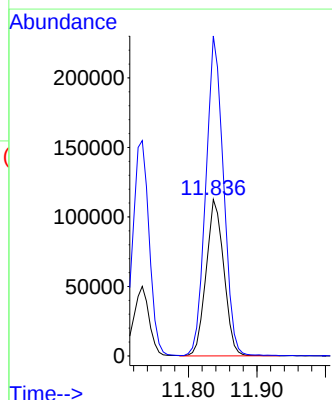
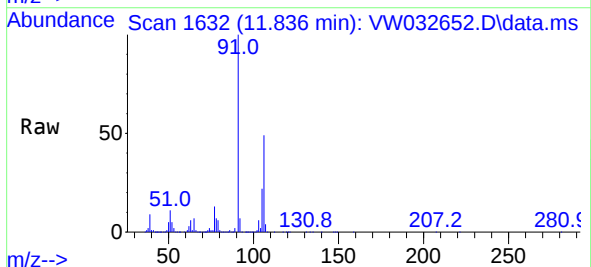
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

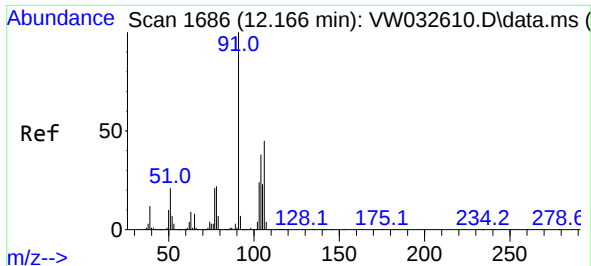
Tgt Ion: 91 Resp: 257606
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



#68
m/p-Xylenes
Concen: 24.577 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:106 Resp: 202425
Ion Ratio Lower Upper
106 100
91 204.2 165.6 248.4





#69

o-Xylene

Concen: 11.945 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

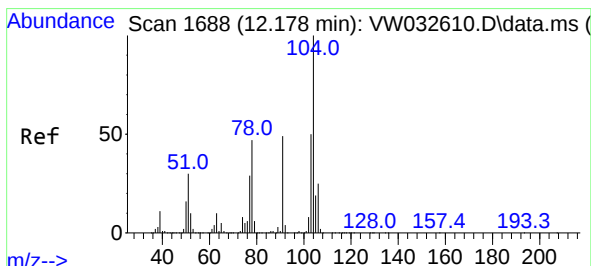
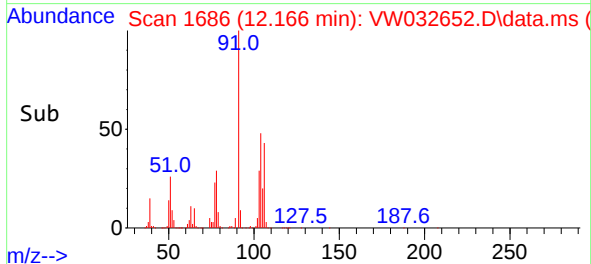
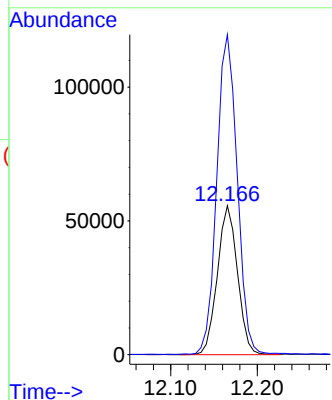
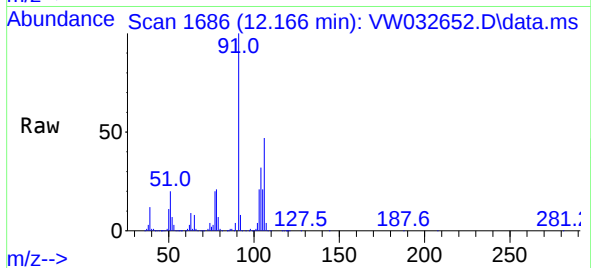
VSTDIC010

Tgt Ion:106 Resp: 89878

Ion Ratio Lower Upper

106 100

91 218.1 108.3 324.8



#70

Styrene

Concen: 11.955 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

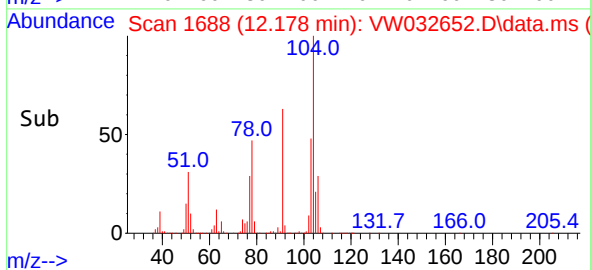
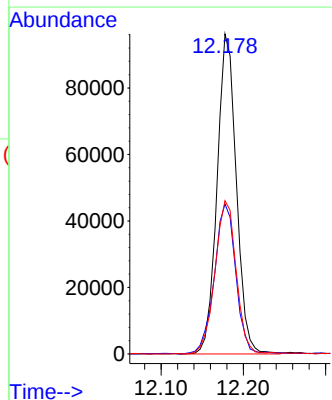
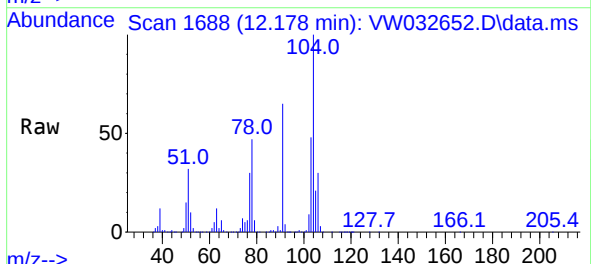
Tgt Ion:104 Resp: 156734

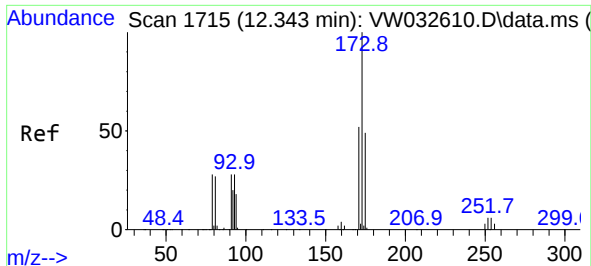
Ion Ratio Lower Upper

104 100

78 52.5 41.5 62.3

103 53.1 43.8 65.6

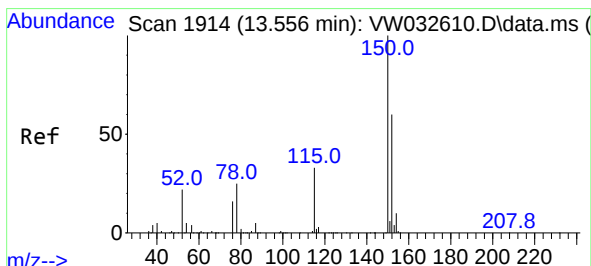
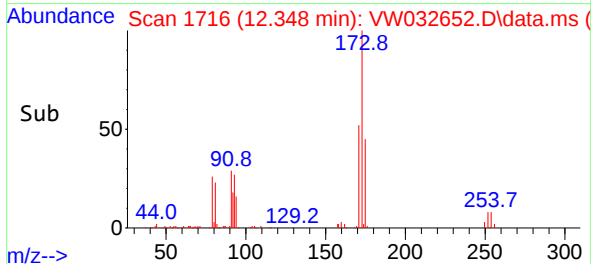
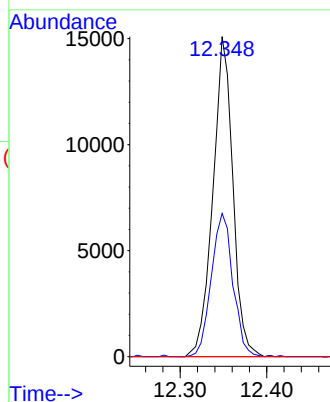
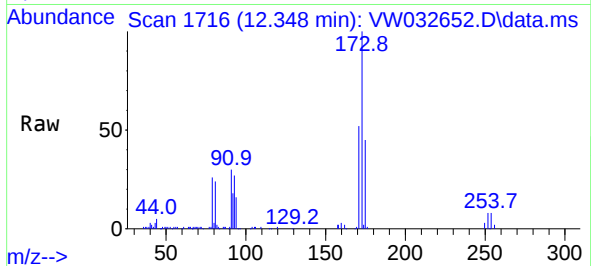




#71
Bromoform
Concen: 11.186 ug/l
RT: 12.348 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

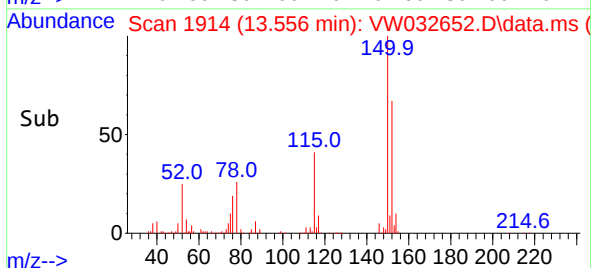
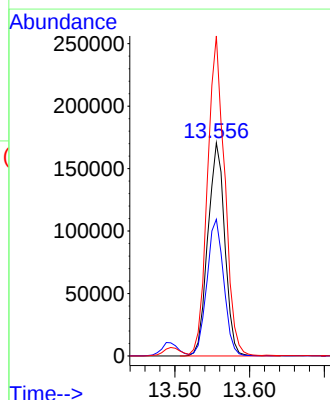
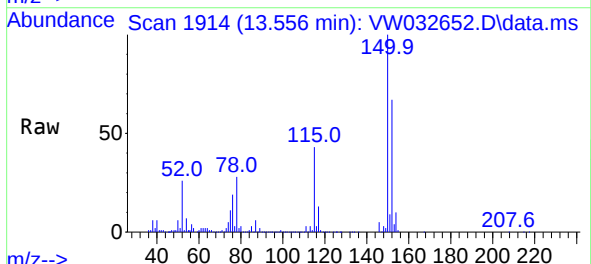
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

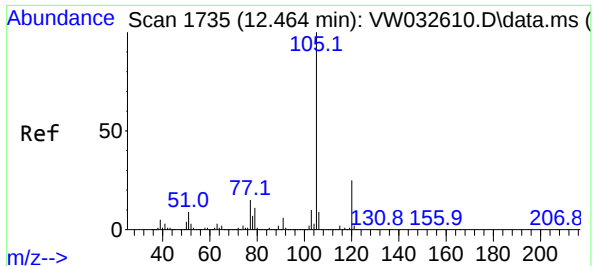
Tgt Ion:173 Resp: 24171
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.7
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:152 Resp: 267915
Ion Ratio Lower Upper
152 100
115 63.8 33.8 101.3
150 152.1 0.0 369.4

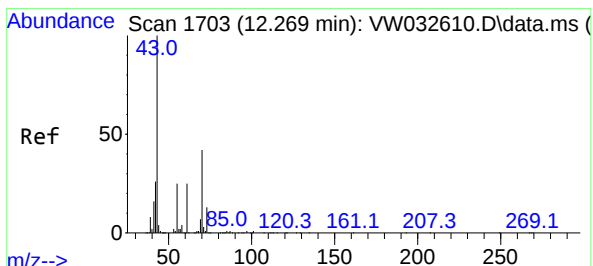
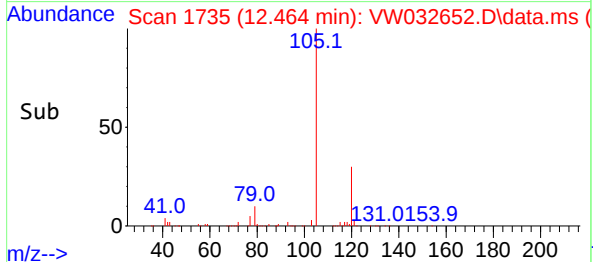
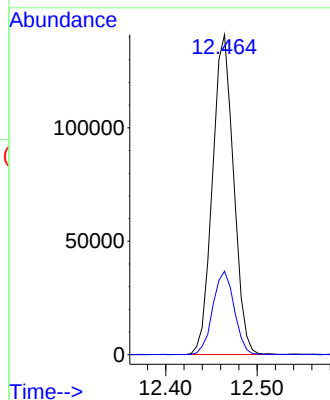
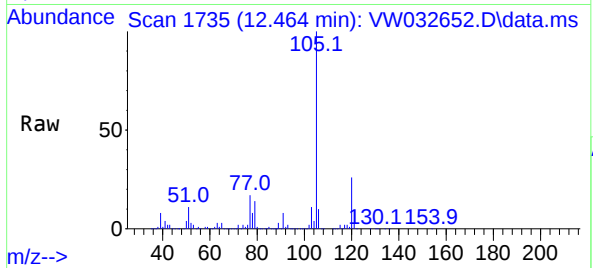




#73
Isopropylbenzene
Concen: 11.231 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

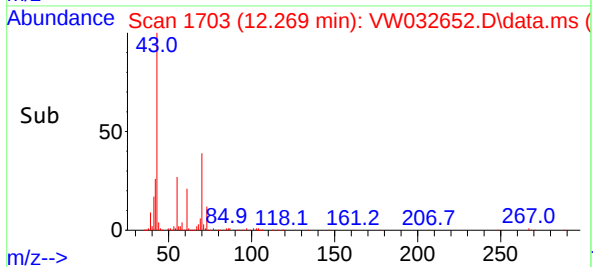
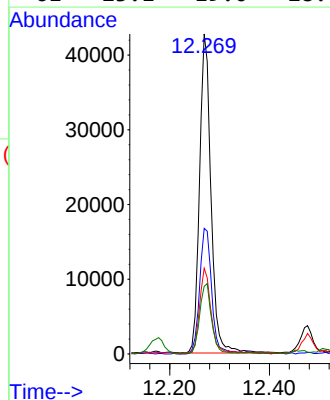
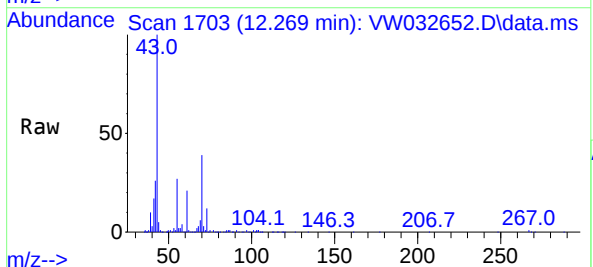
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

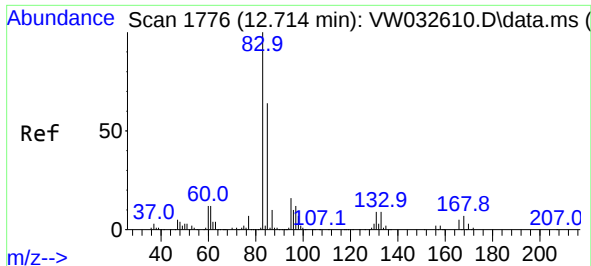
Tgt Ion:105 Resp: 226413
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0



#74
N-ethyl acetate
Concen: 10.330 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 43 Resp: 68031
Ion Ratio Lower Upper
43 100
70 41.6 32.4 48.6
55 26.8 19.8 29.6
61 23.1 19.0 28.4

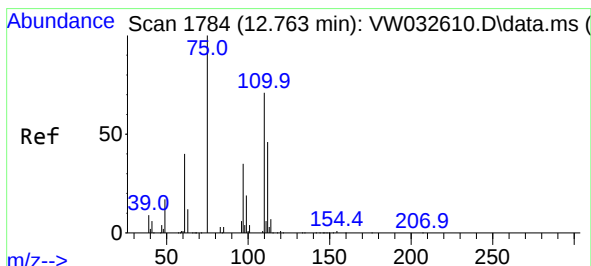
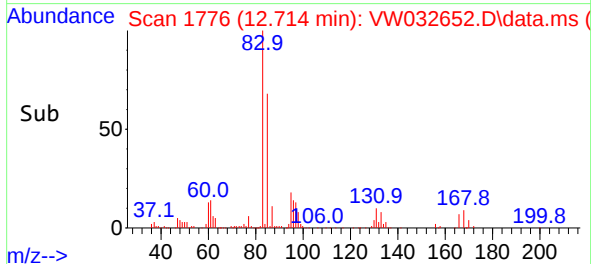
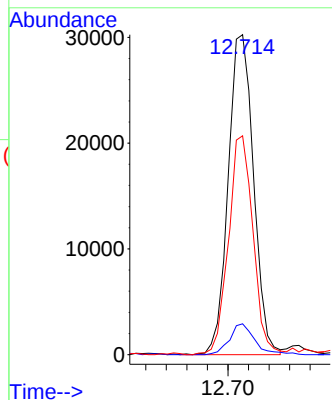
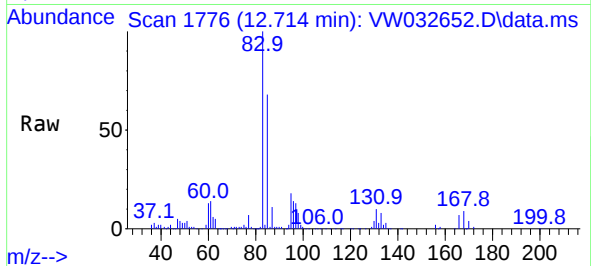




#75
1,1,2,2-Tetrachloroethane
Concen: 10.826 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

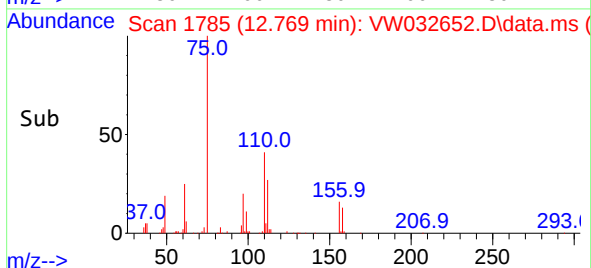
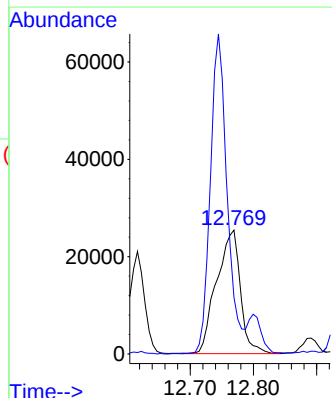
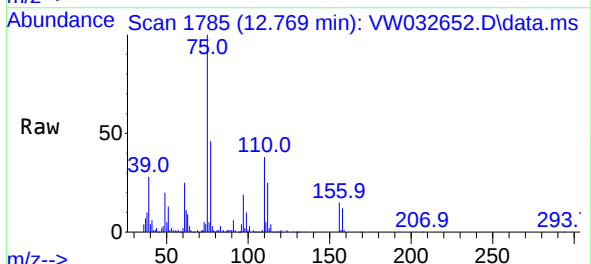
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

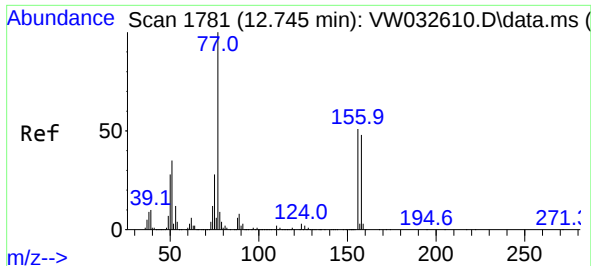
Tgt Ion: 83 Resp: 51868
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 66.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 10.868 ug/l
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 75 Resp: 66508
Ion Ratio Lower Upper
75 100
77 0.0 154.0 462.0#

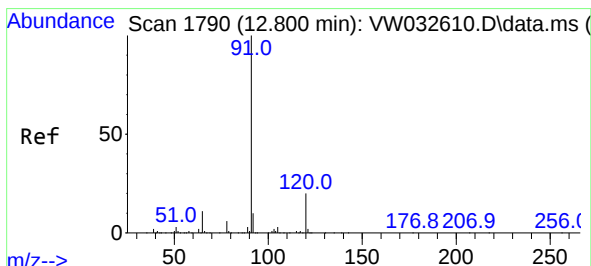
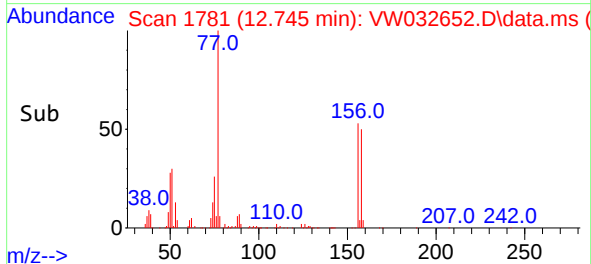
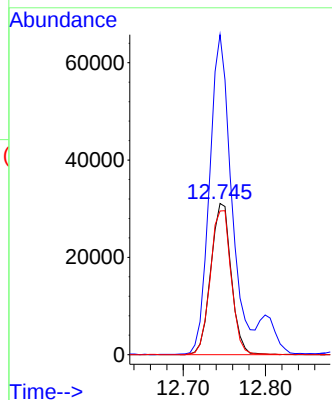
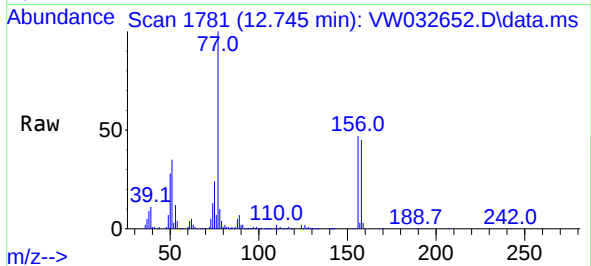




#77
Bromobenzene
Concen: 11.576 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

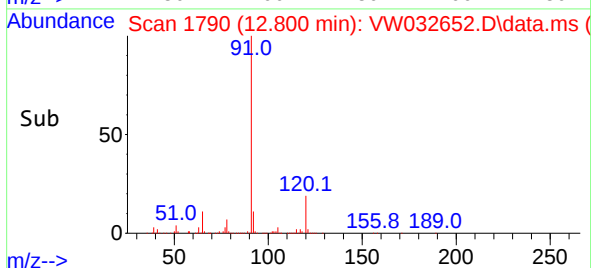
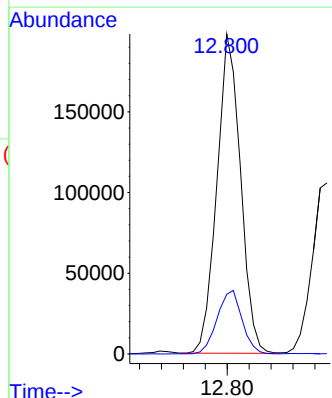
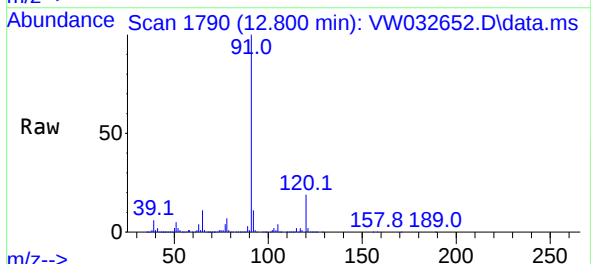
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

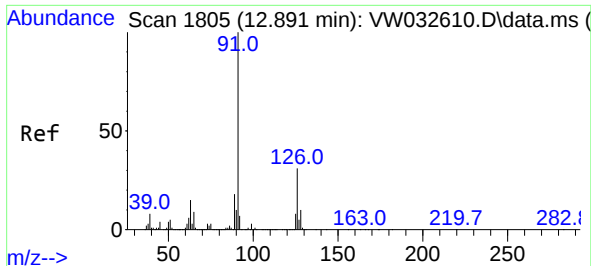
Tgt Ion:156 Resp: 53770
Ion Ratio Lower Upper
156 100
77 227.9 116.7 350.1
158 97.3 49.9 149.7



#78
n-propylbenzene
Concen: 11.594 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 91 Resp: 296141
Ion Ratio Lower Upper
91 100
120 21.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 11.639 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

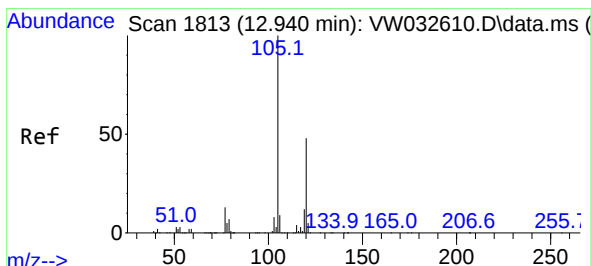
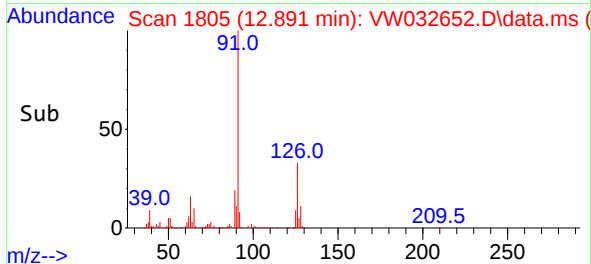
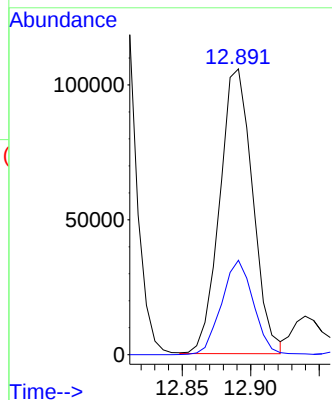
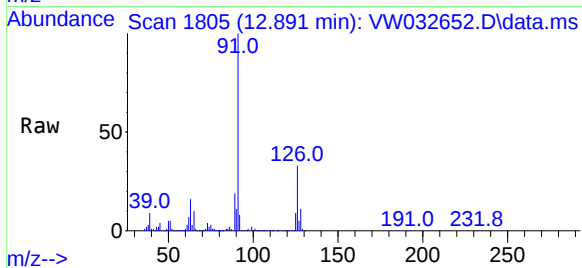
VSTDIC010

Tgt Ion: 91 Resp: 177080

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 11.480 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032652.D

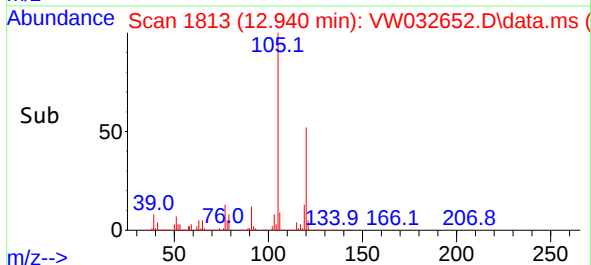
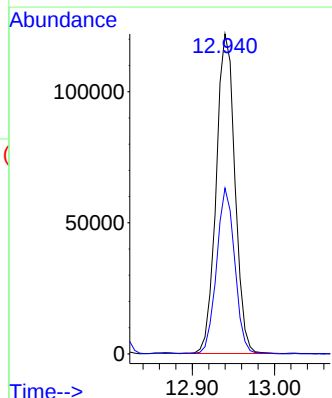
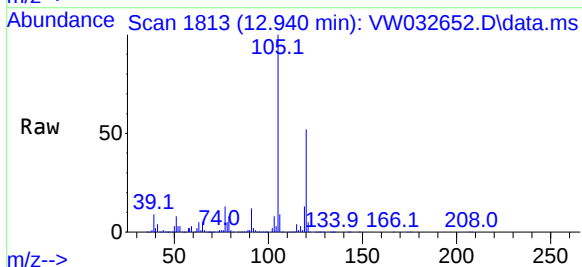
Acq: 16 Dec 2025 13:27

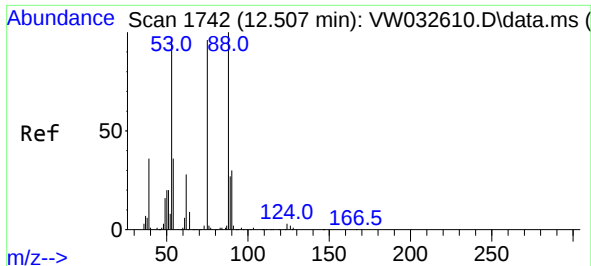
Tgt Ion: 105 Resp: 192940

Ion Ratio Lower Upper

105 100

120 50.4 24.3 72.8

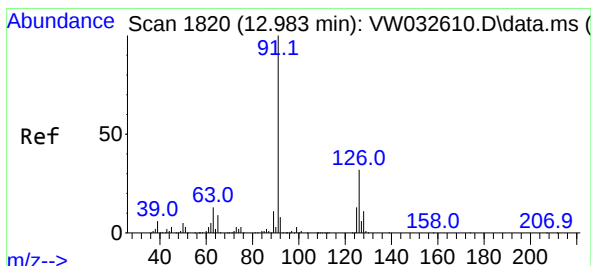
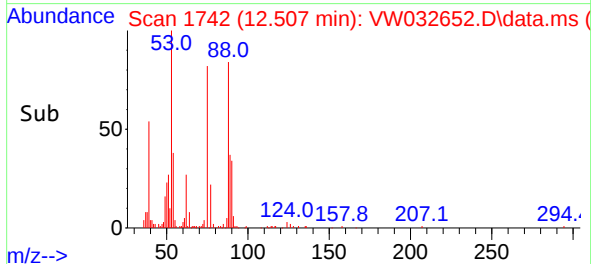
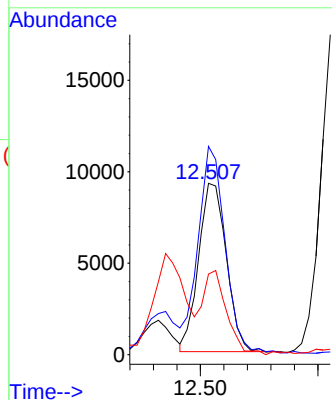
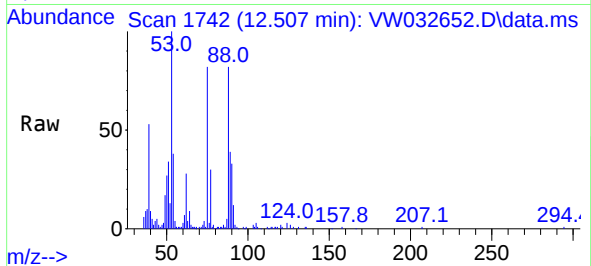




#81
trans-1,4-Dichloro-2-butene
Concen: 9.673 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

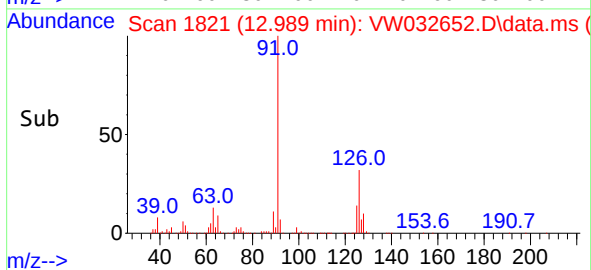
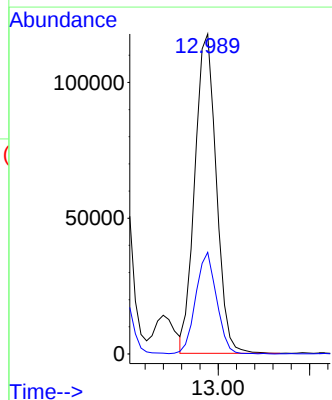
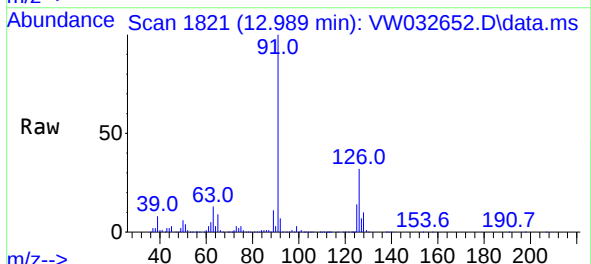
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

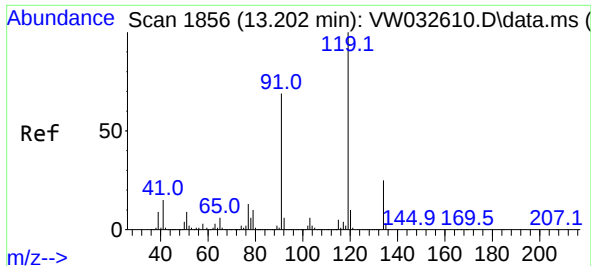
Tgt Ion:	75	Resp:	15116
Ion	Ratio	Lower	Upper
75	100		
53	119.7	86.1	129.1
89	43.5	37.4	56.2



#82
4-Chlorotoluene
Concen: 11.841 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:	91	Resp:	191308
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.8	47.4

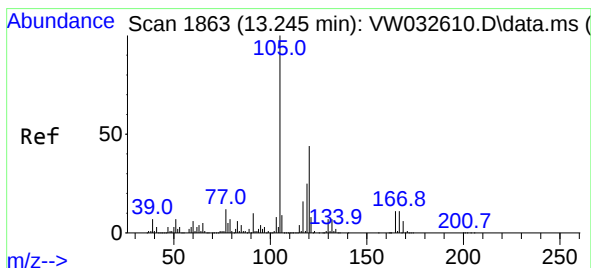
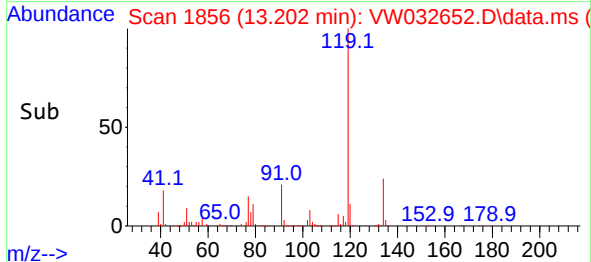
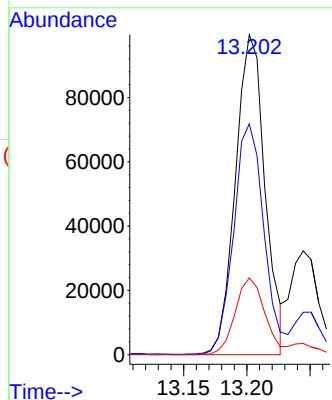
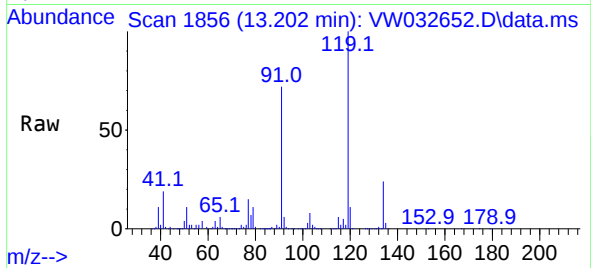




#83
tert-Butylbenzene
Concen: 11.243 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

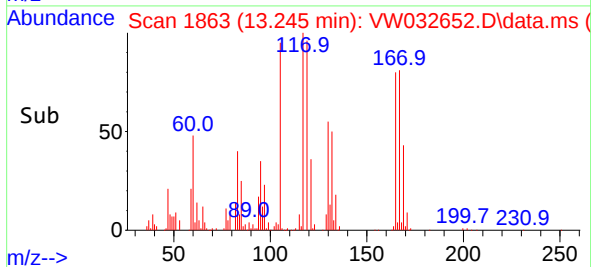
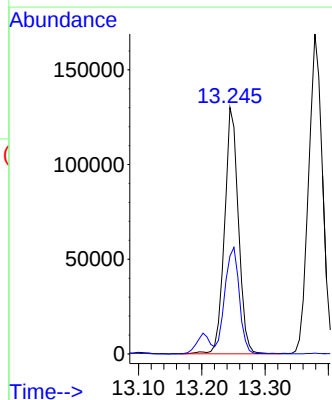
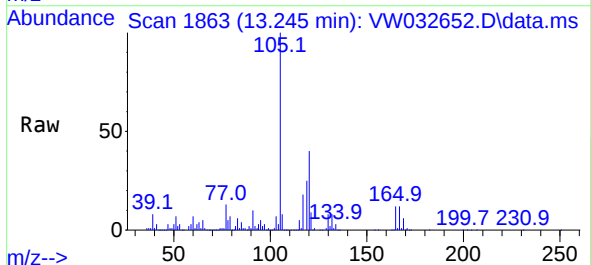
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

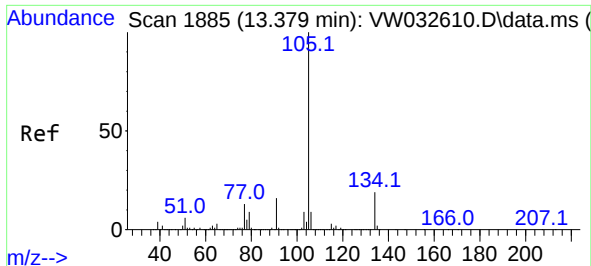
Tgt Ion:119 Resp: 162174
Ion Ratio Lower Upper
119 100
91 74.2 34.3 102.8
134 24.3 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 11.535 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:105 Resp: 196975
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0

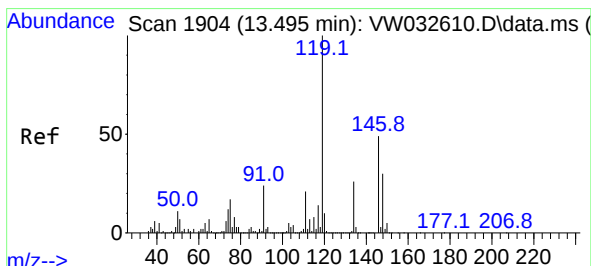
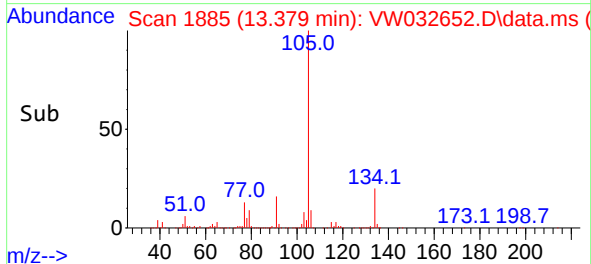
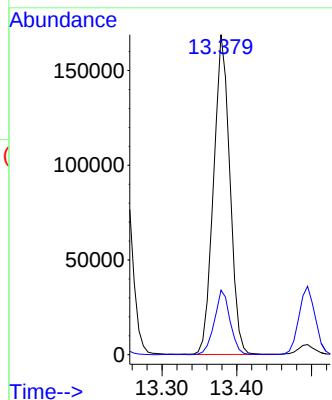
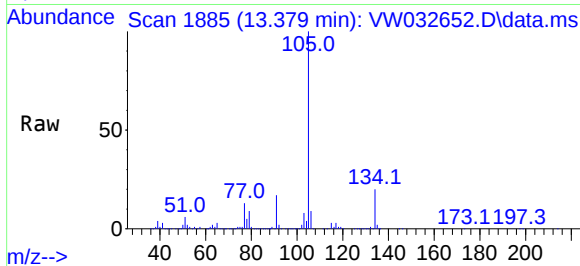




#85
sec-Butylbenzene
Concen: 11.666 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

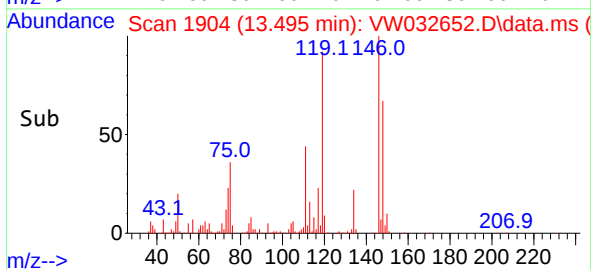
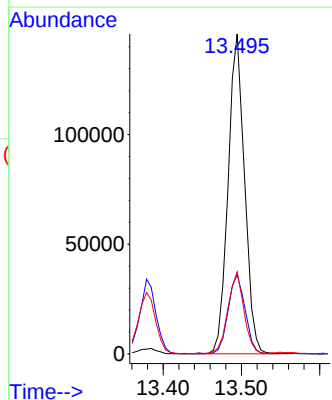
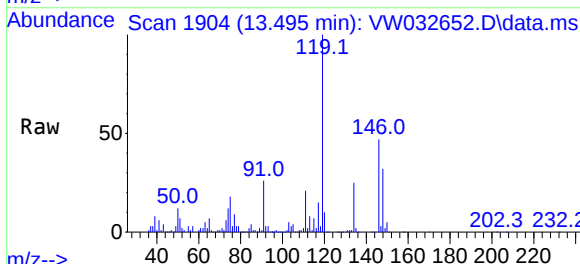
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

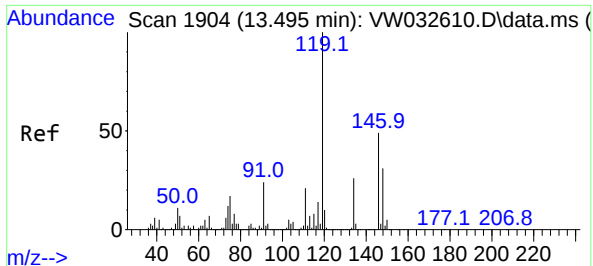
Tgt Ion:105 Resp: 256715
Ion Ratio Lower Upper
105 100
134 19.4 9.7 28.9



#86
p-Isopropyltoluene
Concen: 11.836 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:119 Resp: 213278
Ion Ratio Lower Upper
119 100
134 25.4 13.0 39.0
91 24.8 12.1 36.3

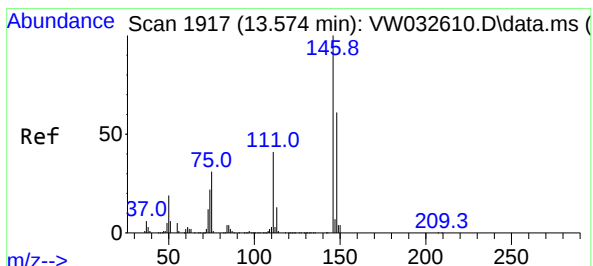
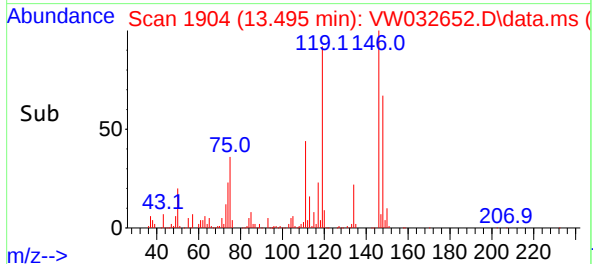
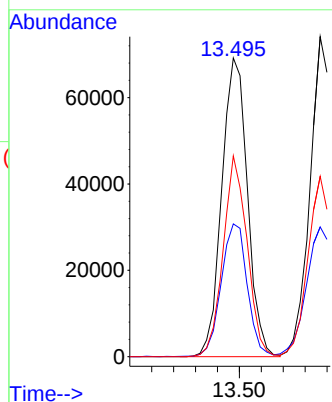
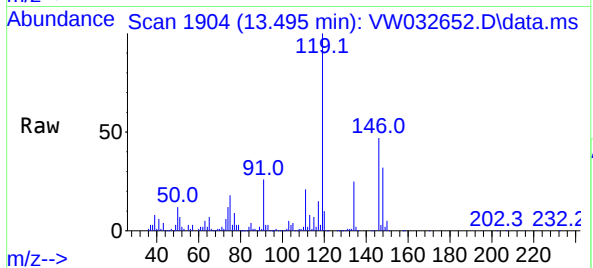




#87
1,3-Dichlorobenzene
Concen: 12.035 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

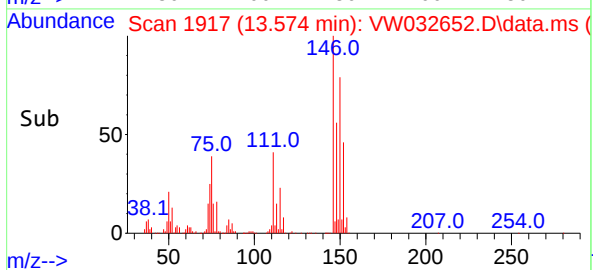
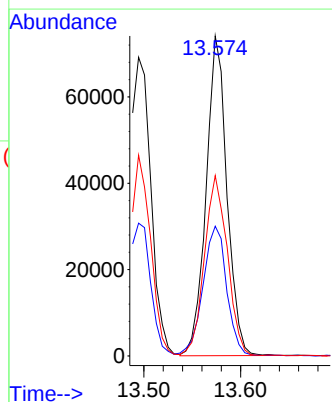
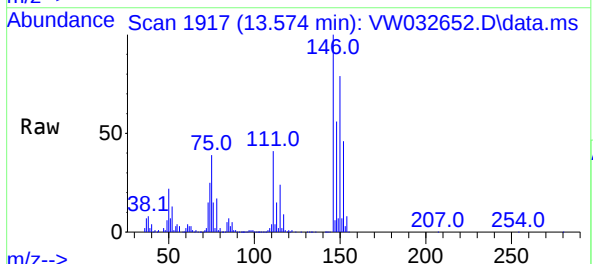
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

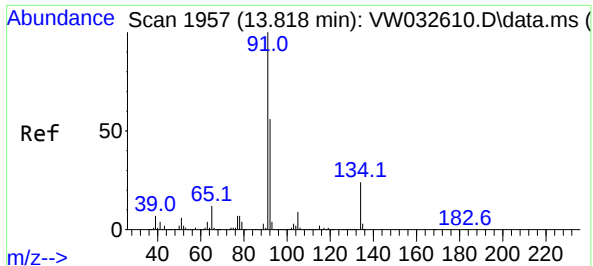
Tgt Ion:146 Resp: 112511
Ion Ratio Lower Upper
146 100
111 45.3 21.6 64.6
148 62.7 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 11.829 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:146 Resp: 111096
Ion Ratio Lower Upper
146 100
111 45.9 20.9 62.8
148 61.7 30.4 91.2



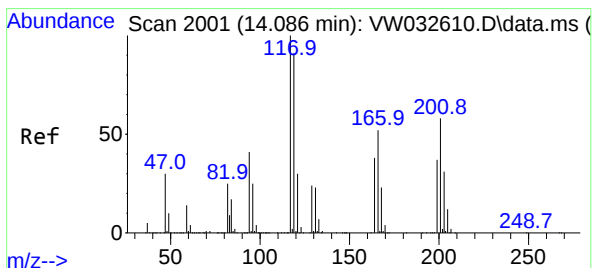
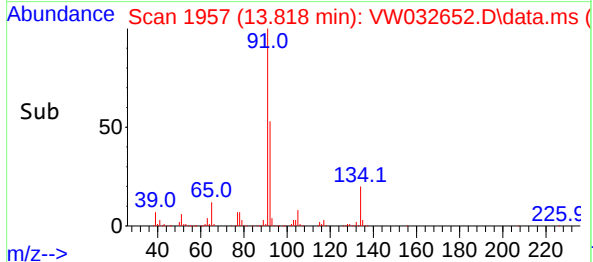
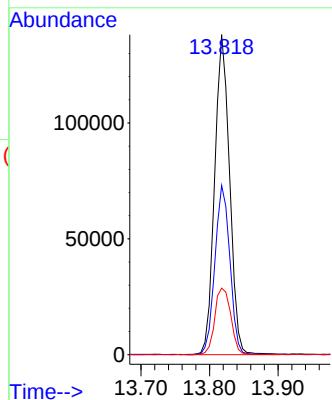
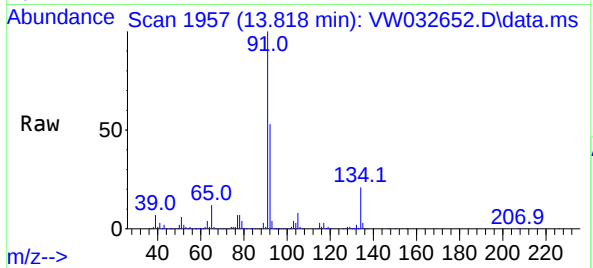


#89
n-Butylbenzene
Concen: 11.568 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 209635

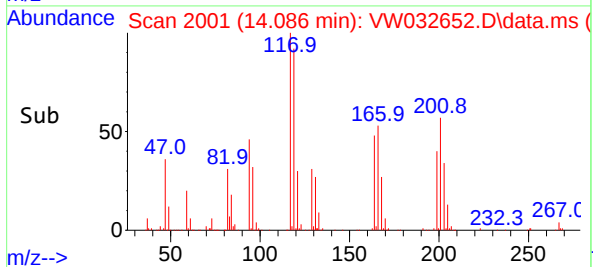
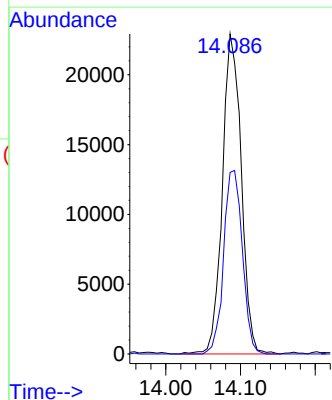
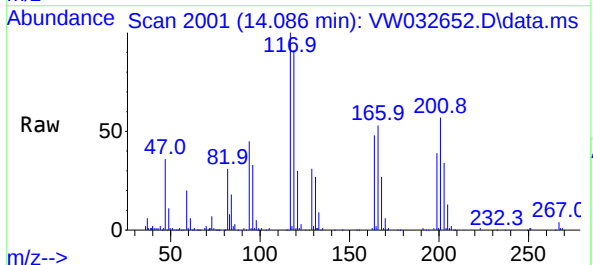
Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.4	82.0
134	22.3	11.8	35.4

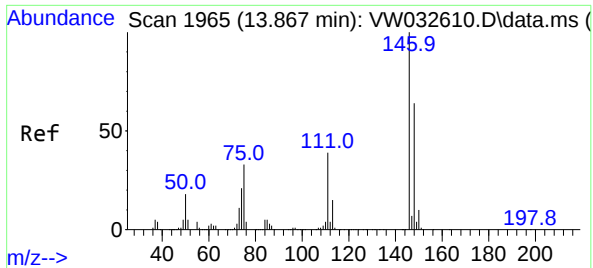


#90
Hexachloroethane
Concen: 11.879 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion: 117 Resp: 40231

Ion	Ratio	Lower	Upper
117	100		
201	56.9	30.4	91.2





#91

1,2-Dichlorobenzene

Concen: 11.683 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

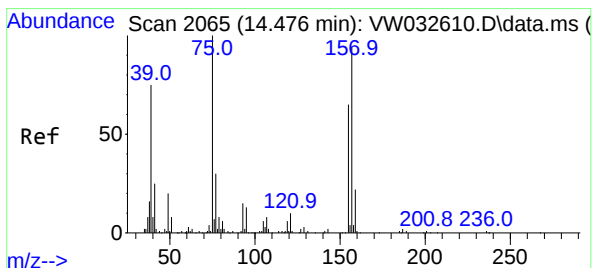
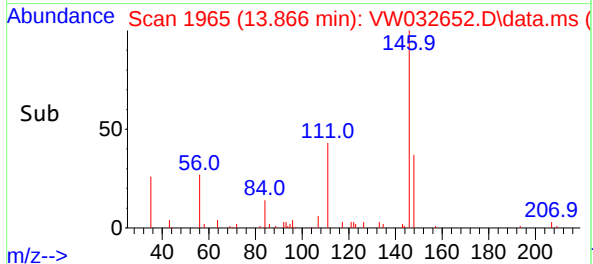
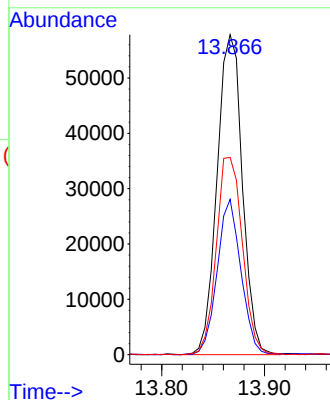
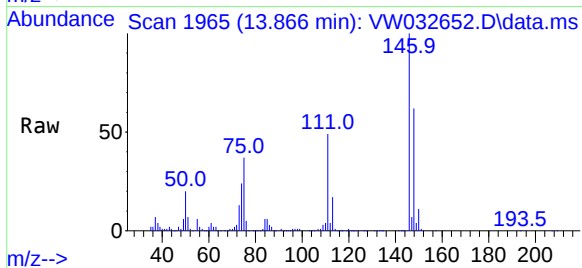
Tgt Ion:146 Resp: 98872

Ion Ratio Lower Upper

146 100

111 45.6 21.5 64.5

148 63.5 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.169 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

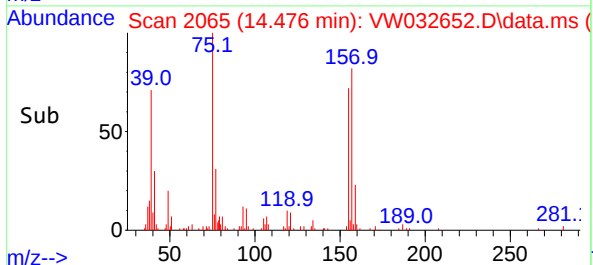
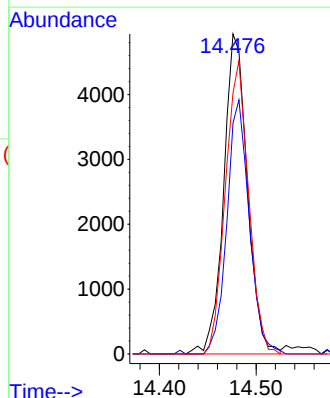
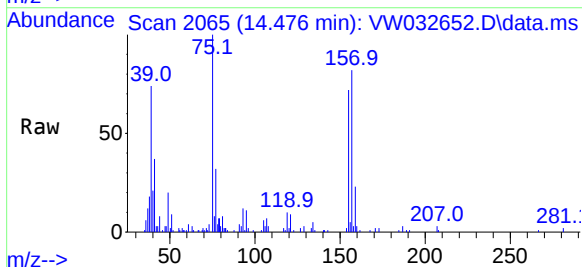
Tgt Ion: 75 Resp: 8384

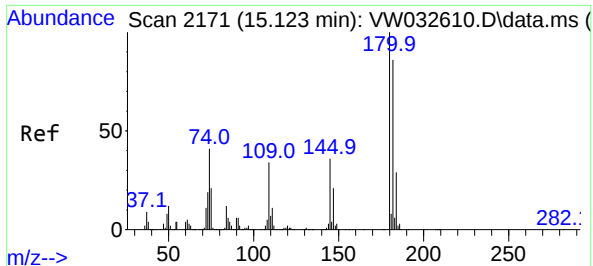
Ion Ratio Lower Upper

75 100

155 75.0 35.3 105.9

157 89.8 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 11.265 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.007 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

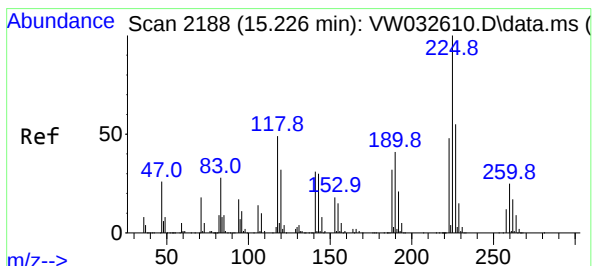
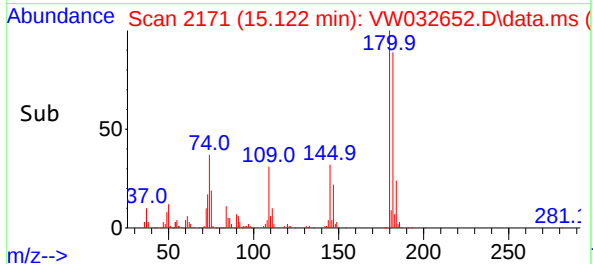
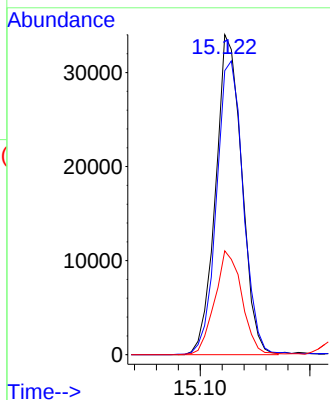
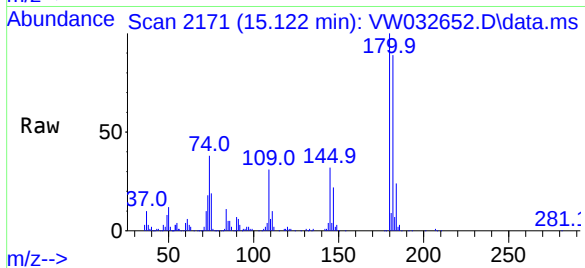
Tgt Ion:180 Resp: 56432

Ion Ratio Lower Upper

180 100

182 94.2 46.9 140.6

145 33.8 17.1 51.3



#94

Hexachlorobutadiene

Concen: 11.608 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032652.D

Acq: 16 Dec 2025 13:27

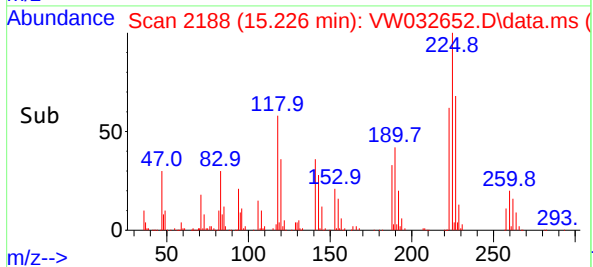
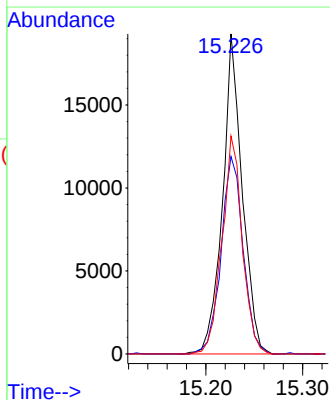
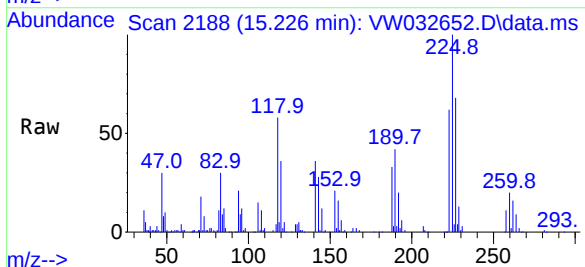
Tgt Ion:225 Resp: 27176

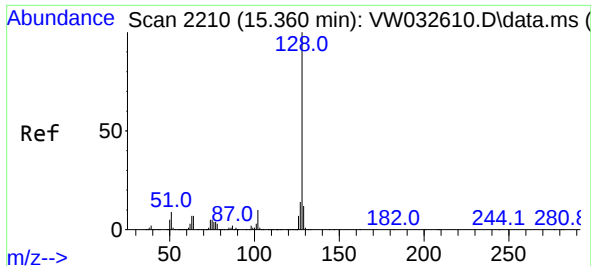
Ion Ratio Lower Upper

225 100

223 69.1 30.3 90.8

227 70.2 29.1 87.4

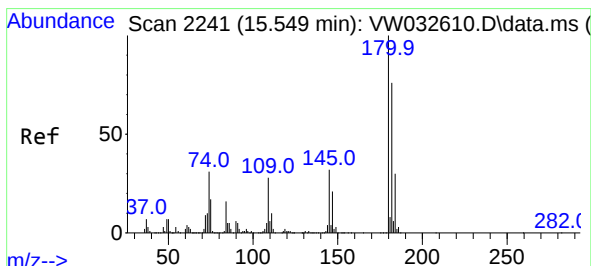
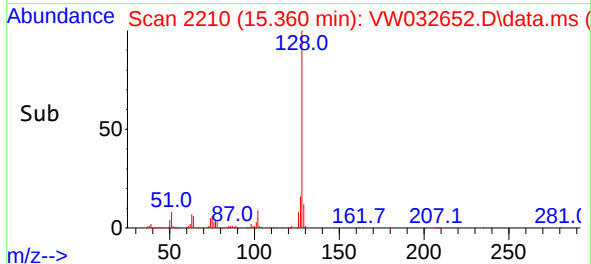
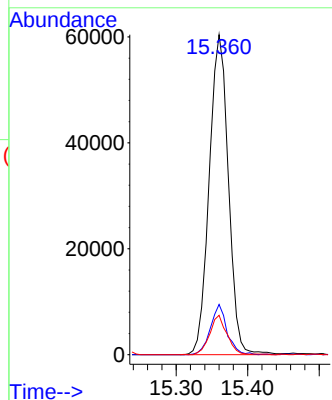
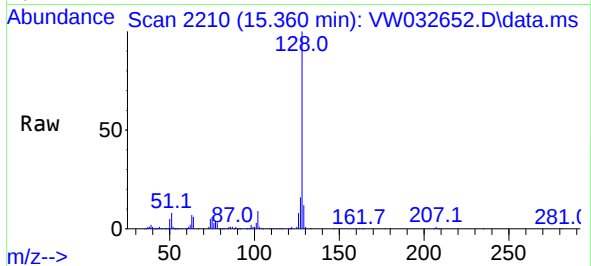




#95
Naphthalene
Concen: 9.565 ug/l
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 112647
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.2 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 11.384 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032652.D
Acq: 16 Dec 2025 13:27

Tgt Ion:180 Resp: 51239
Ion Ratio Lower Upper
180 100
182 94.1 45.9 137.6
145 36.0 17.0 51.0

