

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121025\
 Data File : VW032607.D
 Acq On : 10 Dec 2025 10:28
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 11 01:53:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:52:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	377268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	688012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	623887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	305785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	19043	6.413	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	12.820%#
35) Dibromofluoromethane	7.904	113	15399	6.227	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	12.460%#
50) Toluene-d8	10.324	98	57814	3.274	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	6.540%#
62) 4-Bromofluorobenzene	12.617	95	22715	3.504	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	7.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.039	85	12915	5.513	ug/l	82
3) Chloromethane	2.253	50	22920	5.546	ug/l	96
4) Vinyl Chloride	2.405	62	25713	5.214	ug/l	99
5) Bromomethane	2.826	94	17021	5.182	ug/l	89
6) Chloroethane	2.966	64	15747	4.949	ug/l	89
7) Trichlorofluoromethane	3.307	101	22132	5.126	ug/l	86
8) Diethyl Ether	3.722	74	15311	5.296	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	24211	5.600	ug/l	99
10) Methyl Iodide	4.313	142	30000	4.983	ug/l	100
11) Tert butyl alcohol	5.216	59	10164	25.942	ug/l #	83
12) 1,1-Dichloroethene	4.082	96	23057	5.034	ug/l	96
13) Acrolein	3.941	56	12817	19.434	ug/l	95
14) Allyl chloride	4.710	41	40566	4.765	ug/l	96
15) Acrylonitrile	5.411	53	40256	24.919	ug/l	97
16) Acetone	4.167	43	57295	28.989	ug/l	94
17) Carbon Disulfide	4.423	76	66505	4.996	ug/l	97
18) Methyl Acetate	4.716	43	18955	4.916	ug/l #	81
19) Methyl tert-butyl Ether	5.466	73	44030	4.842	ug/l	98
20) Methylene Chloride	4.947	84	36152	5.991	ug/l	93
21) trans-1,2-Dichloroethene	5.466	96	24959	4.990	ug/l	84
22) Diisopropyl ether	6.343	45	79652	4.620	ug/l	96
23) Vinyl Acetate	6.289	43	261672	22.449	ug/l	99
24) 1,1-Dichloroethane	6.252	63	48721	4.942	ug/l	100
25) 2-Butanone	7.197	43	57098	24.586	ug/l	92
26) 2,2-Dichloropropane	7.191	77	28327	5.117	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	27501	4.709	ug/l	96
28) Bromochloromethane	7.526	49	18913	4.829	ug/l	100
29) Tetrahydrofuran	7.557	42	32971	23.648	ug/l	99
30) Chloroform	7.697	83	49231	5.062	ug/l	100
31) Cyclohexane	7.965	56	52025	5.725	ug/l #	82
32) 1,1,1-Trichloroethane	7.886	97	35889	5.019	ug/l	98
36) 1,1-Dichloropropene	8.099	75	34969	4.937	ug/l	98
37) Ethyl Acetate	7.282	43	23672	4.879	ug/l	97
38) Carbon Tetrachloride	8.081	117	33327	5.087	ug/l	98
39) Methylcyclohexane	9.343	83	43176	4.847	ug/l	88
40) Benzene	8.337	78	105478	4.909	ug/l	98

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:52:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	11541	4.450	ug/l #	93
42) 1,2-Dichloroethane	8.416	62	33419	4.884	ug/l	100
43) Isopropyl Acetate	8.435	43	40986	4.763	ug/l	98
44) Trichloroethene	9.105	130	24184	4.929	ug/l	88
45) 1,2-Dichloropropane	9.373	63	26384	4.852	ug/l	95
46) Dibromomethane	9.465	93	15550	4.881	ug/l	99
47) Bromodichloromethane	9.654	83	35228	4.754	ug/l	96
48) Methyl methacrylate	9.447	41	18672	4.597	ug/l	97
49) 1,4-Dioxane	9.465	88	4319	101.058	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	114583	23.884	ug/l	98
52) Toluene	10.392	92	61280	4.635	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	33288	4.556	ug/l	96
54) cis-1,3-Dichloropropene	10.081	75	37523	4.453	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	21128	4.943	ug/l	97
56) Ethyl methacrylate	10.648	69	26535	4.300	ug/l	99
57) 1,3-Dichloropropane	10.934	76	37801	4.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	58194	20.230	ug/l	100
59) 2-Hexanone	10.971	43	82226	23.665	ug/l	96
60) Dibromochloromethane	11.129	129	21635	4.544	ug/l	93
61) 1,2-Dibromoethane	11.239	107	19959	4.829	ug/l	97
64) Tetrachloroethene	10.867	164	20165	5.041	ug/l	93
65) Chlorobenzene	11.653	112	71301	5.005	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.727	131	21210	4.768	ug/l	94
67) Ethyl Benzene	11.733	91	114157	4.637	ug/l	97
68) m/p-Xylenes	11.836	106	88606	9.378	ug/l	100
69) o-Xylene	12.166	106	38677	4.438	ug/l	97
70) Styrene	12.184	104	67518	4.444	ug/l	99
71) Bromoform	12.355	173	11918	4.614	ug/l #	97
73) Isopropylbenzene	12.464	105	100235	4.310	ug/l	100
74) N-amyl acetate	12.269	43	32589	4.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	27299	4.875	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	34393	8.432	ug/l	30
77) Bromobenzene	12.745	156	25303	4.741	ug/l	98
78) n-propylbenzene	12.800	91	133793	4.503	ug/l	100
79) 2-Chlorotoluene	12.891	91	79964	4.585	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	84554	4.328	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	7694	4.187	ug/l	92
82) 4-Chlorotoluene	12.989	91	87954	4.749	ug/l	99
83) tert-Butylbenzene	13.202	119	71845	4.317	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	87015	4.417	ug/l	97
85) sec-Butylbenzene	13.379	105	118559	4.653	ug/l	98
86) p-Isopropyltoluene	13.495	119	91538	4.417	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	53742	4.920	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	53314	4.901	ug/l	90
89) n-Butylbenzene	13.818	91	95494	4.586	ug/l	99
90) Hexachloroethane	14.086	117	18108	4.678	ug/l	95
91) 1,2-Dichlorobenzene	13.866	146	48229	4.891	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	5256	5.285	ug/l	90
93) 1,2,4-Trichlorobenzene	15.122	180	27463	4.689	ug/l	99
94) Hexachlorobutadiene	15.226	225	14843	5.362	ug/l	96
95) Naphthalene	15.360	128	55541	3.941	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	25928	4.684	ug/l	96

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Acq On : 10 Dec 2025 10:28
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Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

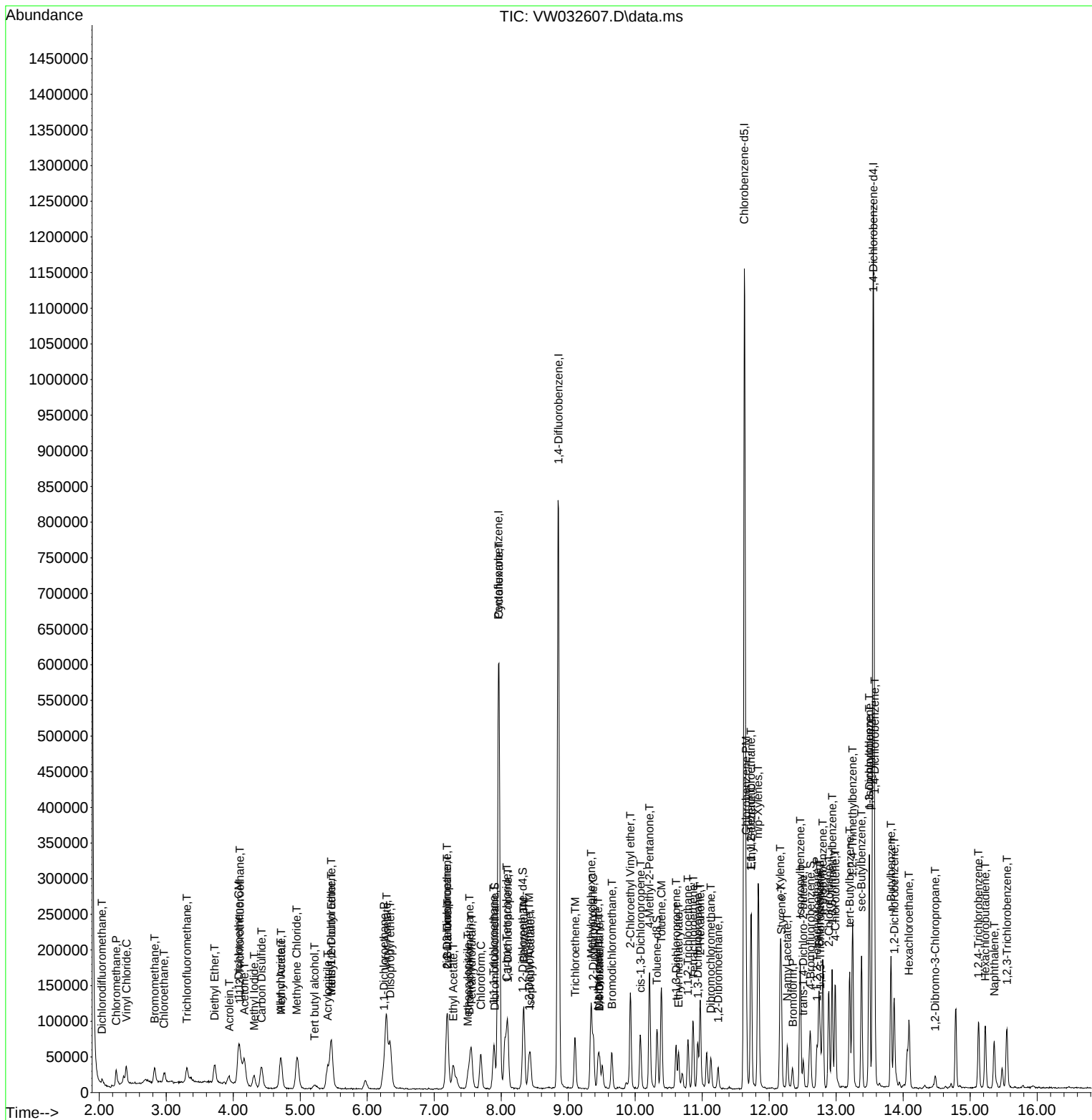
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MSVOA_W
ClientSampleId :
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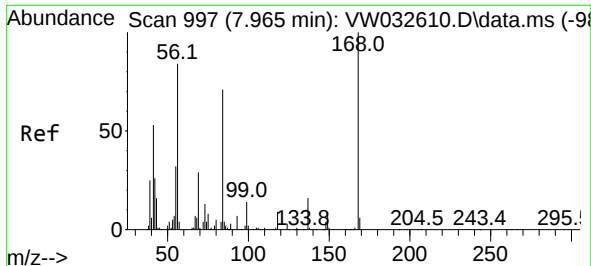
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:52:55 2025
Response via : Initial Calibration

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

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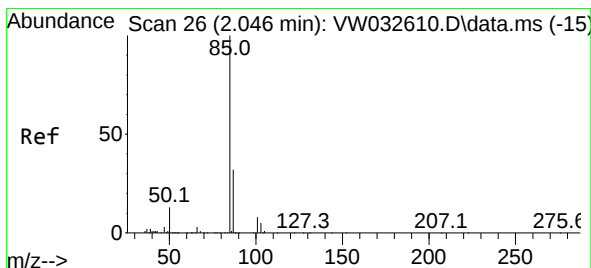
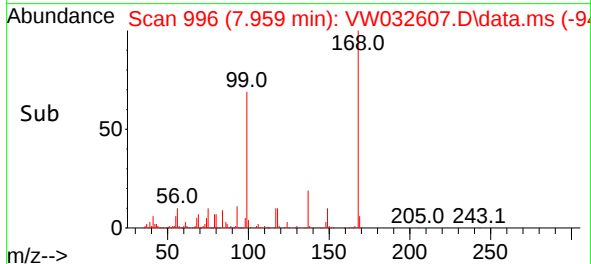
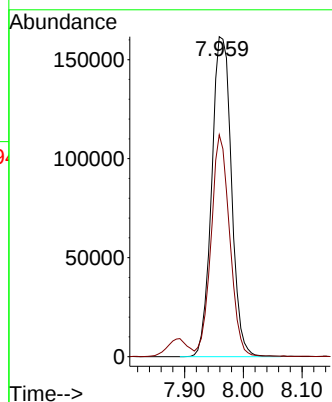
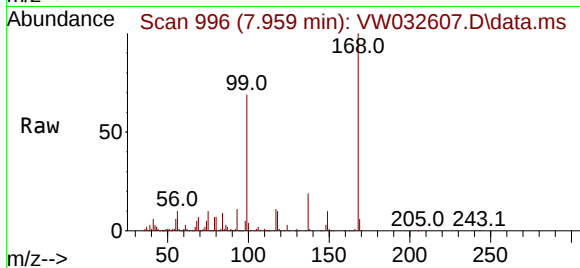




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032607.D
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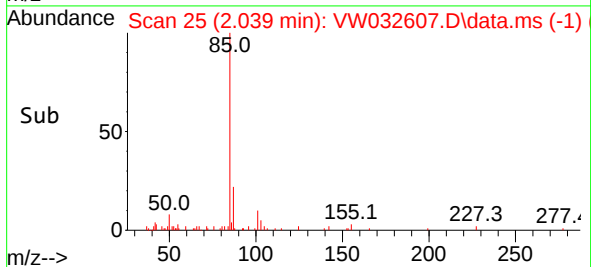
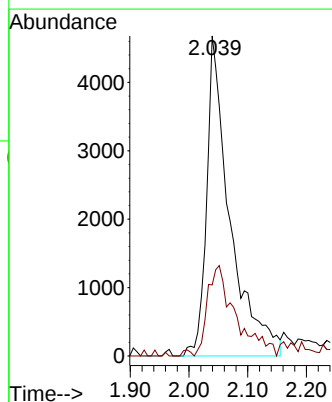
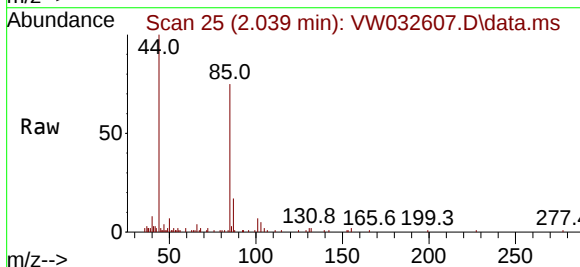
Instrument :
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ClientSampleId :
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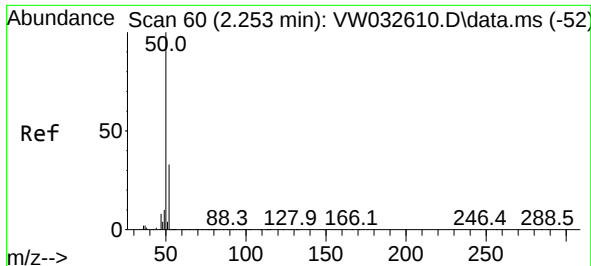
Tgt Ion:168 Resp: 377268
Ion Ratio Lower Upper
168 100
99 69.2 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 5.513 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 85 Resp: 12915
Ion Ratio Lower Upper
85 100
87 22.2 16.1 48.3

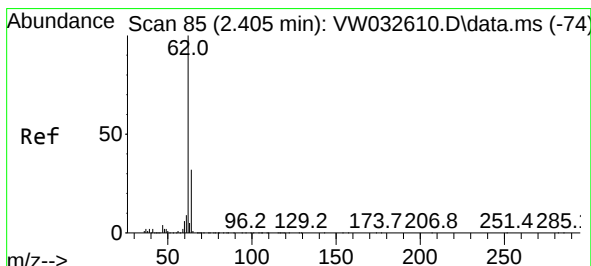
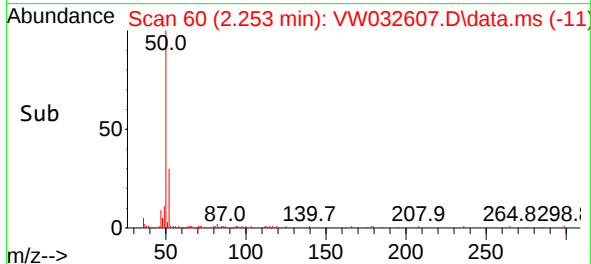
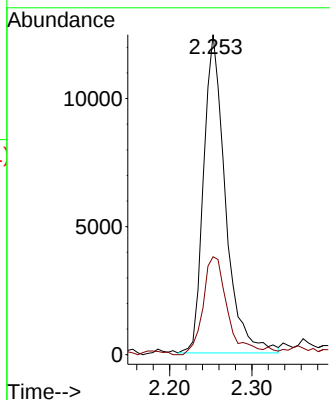
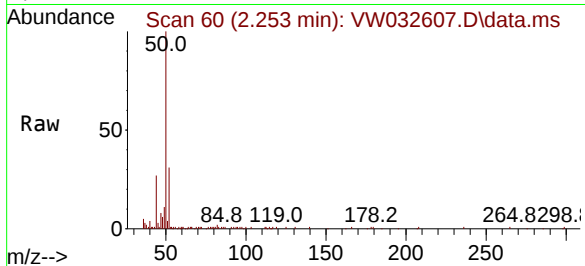




#3
Chloromethane
Concen: 5.546 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

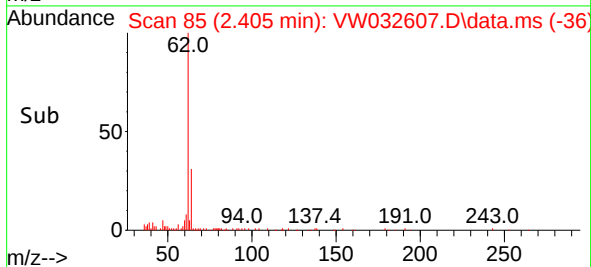
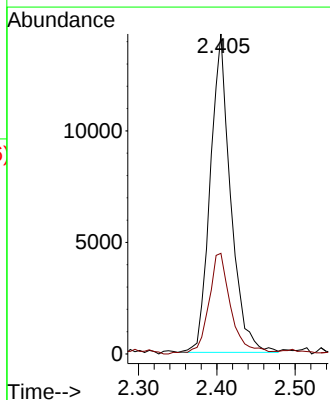
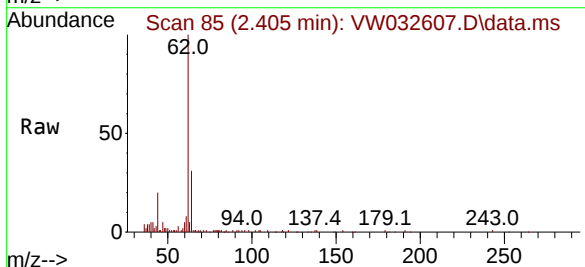
Instrument :
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ClientSampleId :
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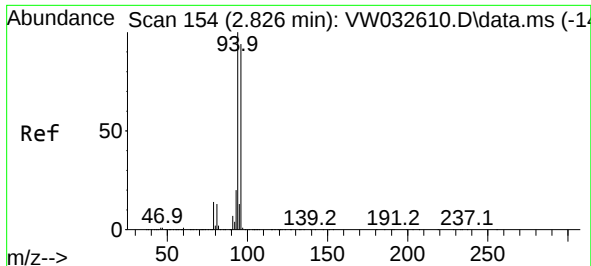
Tgt Ion: 50 Resp: 22920
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0



#4
Vinyl Chloride
Concen: 5.214 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 62 Resp: 25713
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9

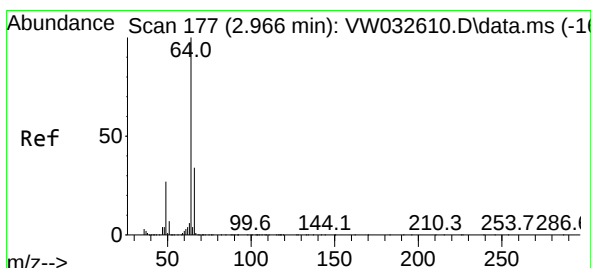
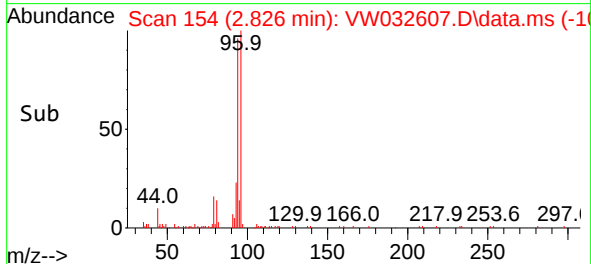
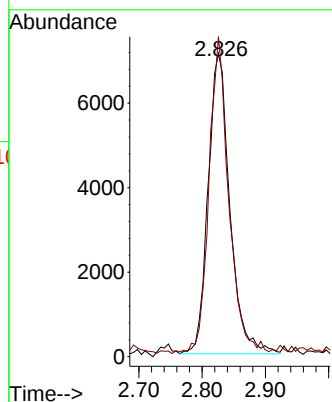
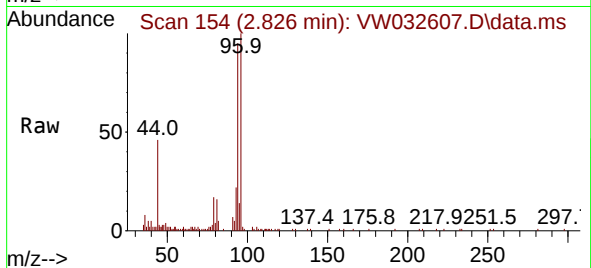




#5
Bromomethane
Concen: 5.182 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

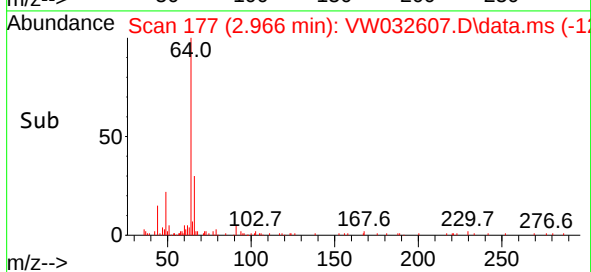
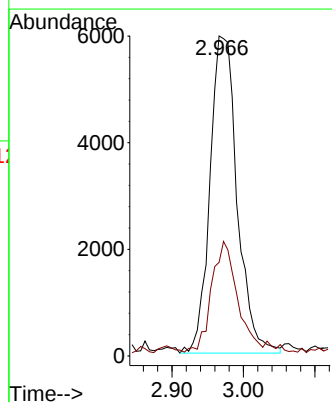
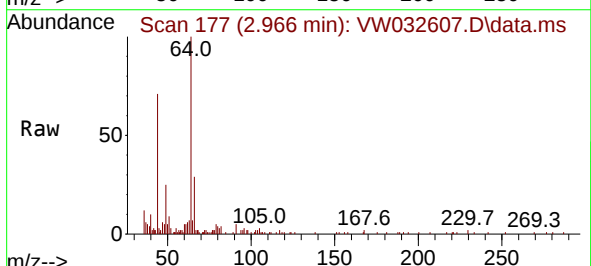
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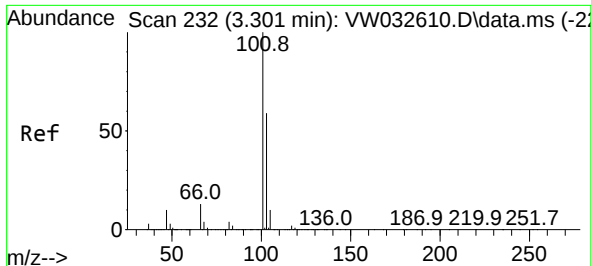
Tgt Ion: 94 Resp: 17021
Ion Ratio Lower Upper
94 100
96 104.9 75.4 113.2



#6
Chloroethane
Concen: 4.949 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 64 Resp: 15747
Ion Ratio Lower Upper
64 100
66 27.6 27.3 40.9

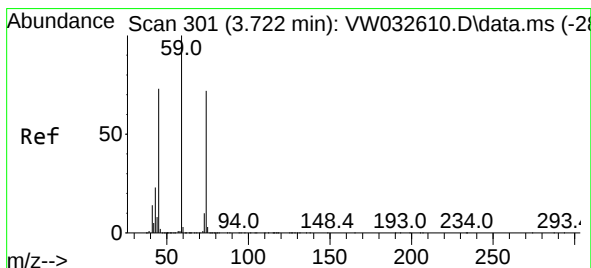
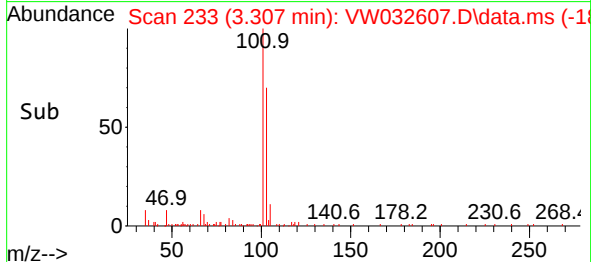
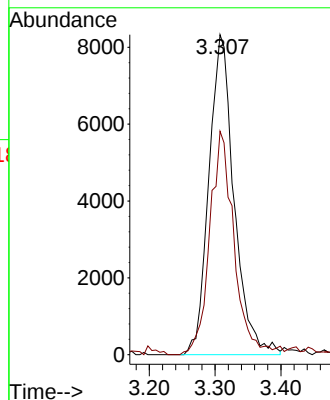
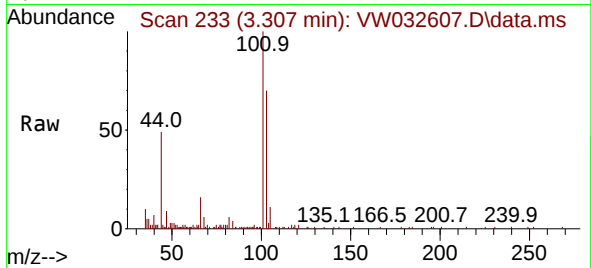




#7
 Trichlorofluoromethane
 Concen: 5.126 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

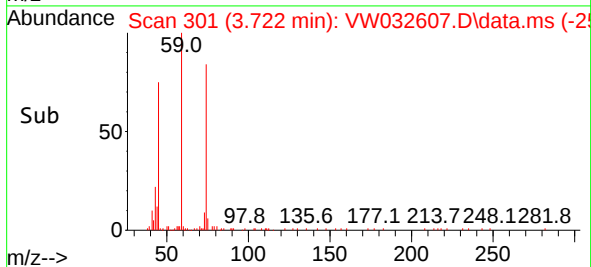
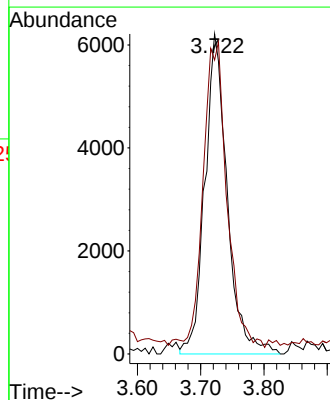
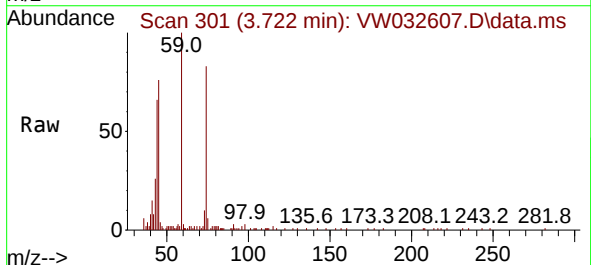
Instrument :
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 ClientSampleId :
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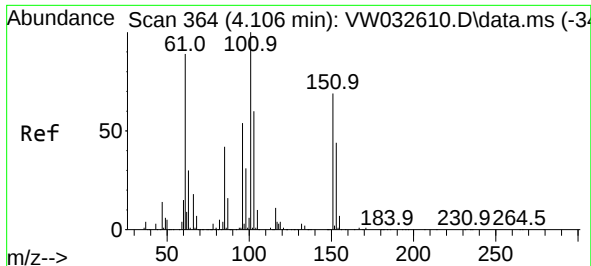
Tgt Ion:101 Resp: 22132
 Ion Ratio Lower Upper
 101 100
 103 69.8 47.3 70.9



#8
 Diethyl Ether
 Concen: 5.296 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

Tgt Ion: 74 Resp: 15311
 Ion Ratio Lower Upper
 74 100
 45 100.1 52.4 157.2

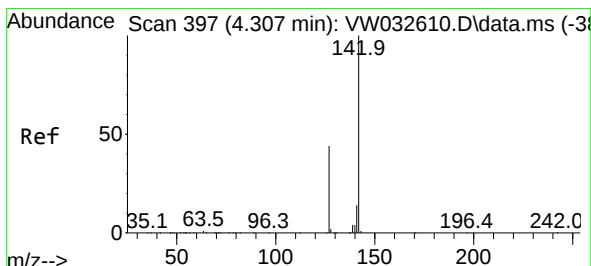
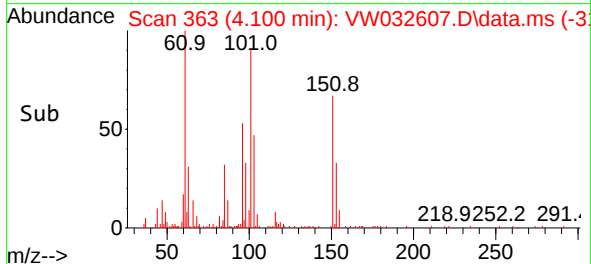
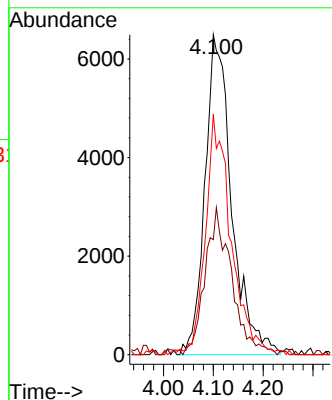
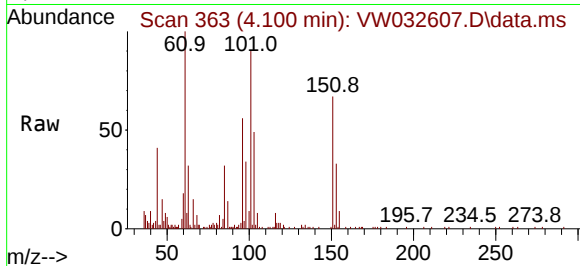




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.600 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

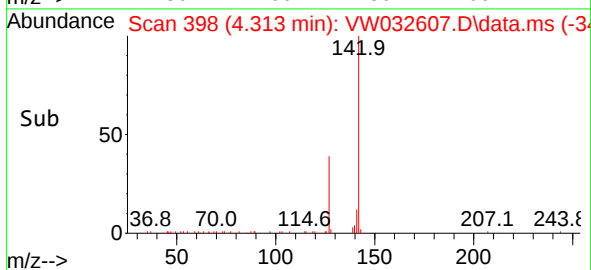
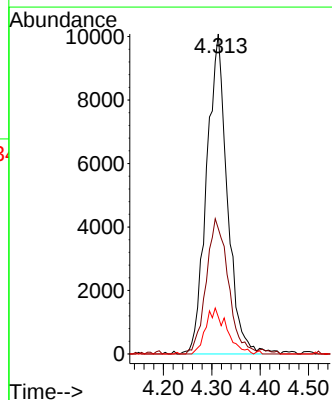
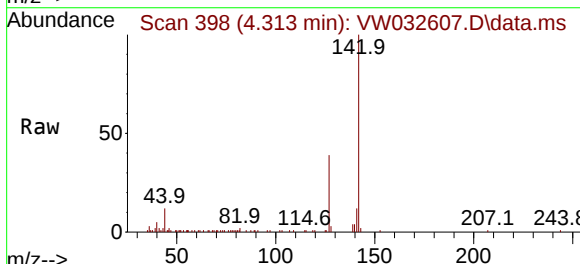
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

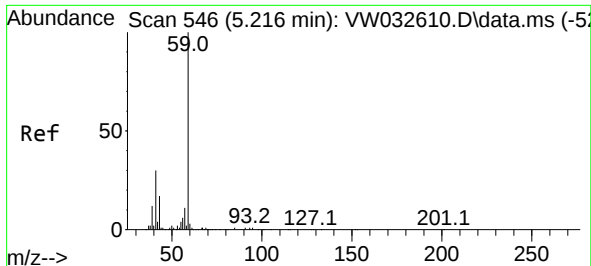
Tgt Ion:101 Resp: 24211
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 71.4 56.7 85.1



#10
Methyl Iodide
Concen: 4.983 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:142 Resp: 30000
Ion Ratio Lower Upper
142 100
127 45.0 36.0 54.0
141 14.6 11.6 17.4

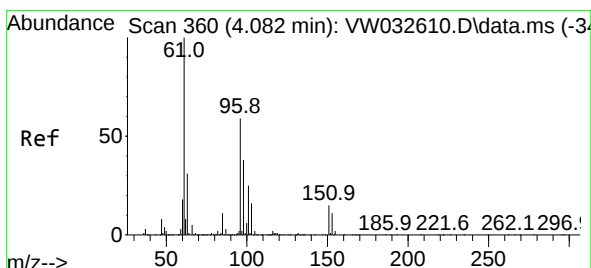
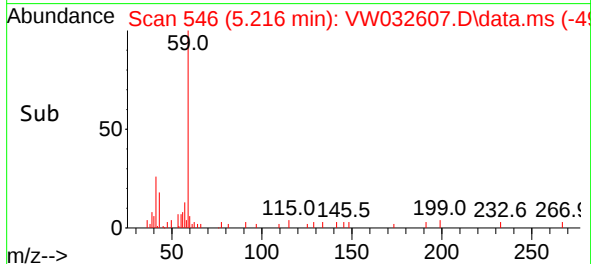
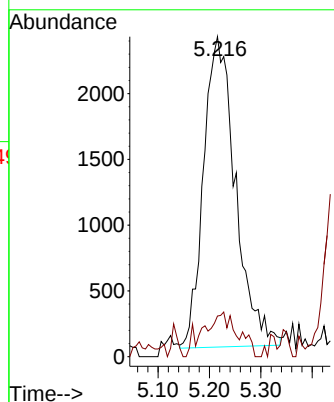
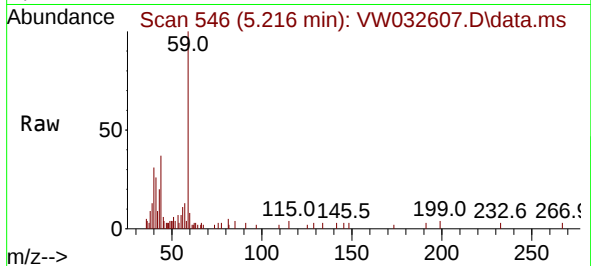




#11
Tert butyl alcohol
Concen: 25.942 ug/l
RT: 5.216 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

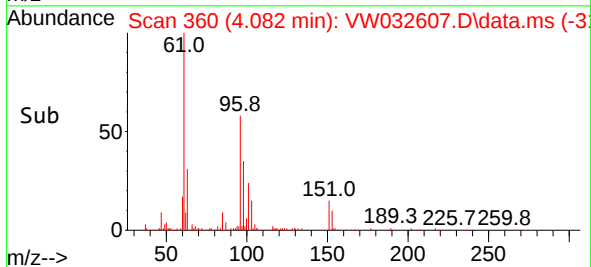
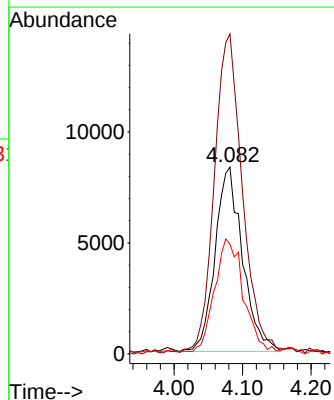
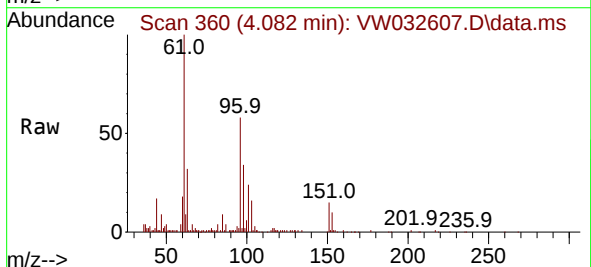
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

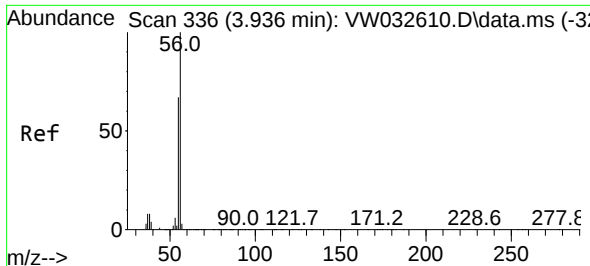
Tgt Ion: 59 Resp: 10164
Ion Ratio Lower Upper
59 100
57 5.2 9.4 14.0#



#12
1,1-Dichloroethene
Concen: 5.034 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 96 Resp: 23057
Ion Ratio Lower Upper
96 100
61 171.9 134.6 202.0
98 58.2 51.1 76.7

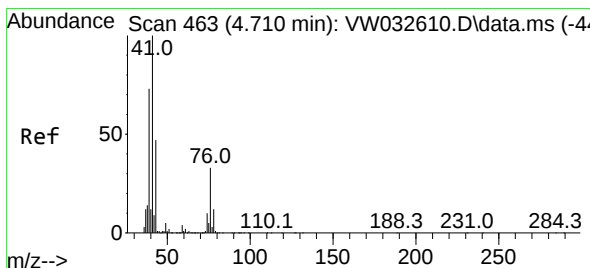
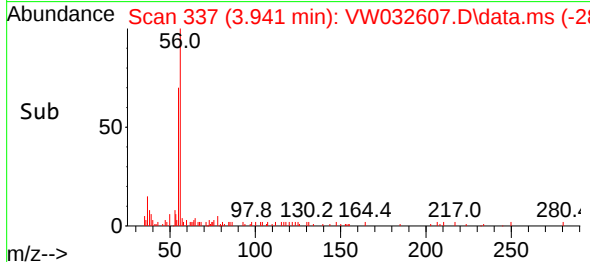
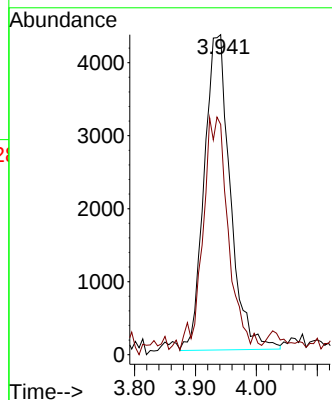
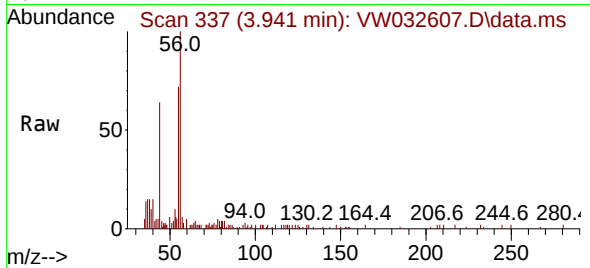




#13
Acrolein
Concen: 19.434 ug/l
RT: 3.941 min Scan# 336
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

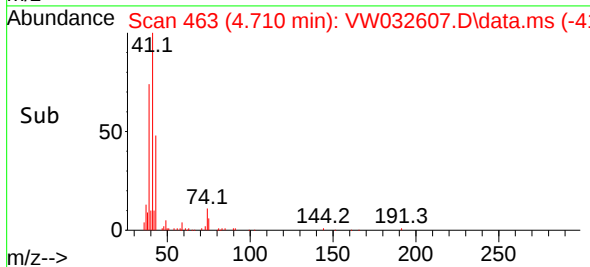
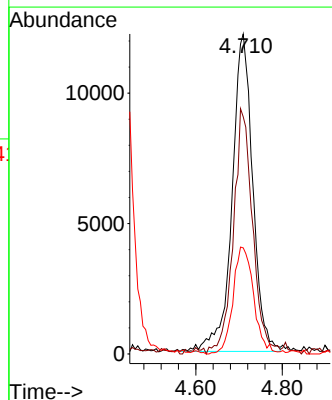
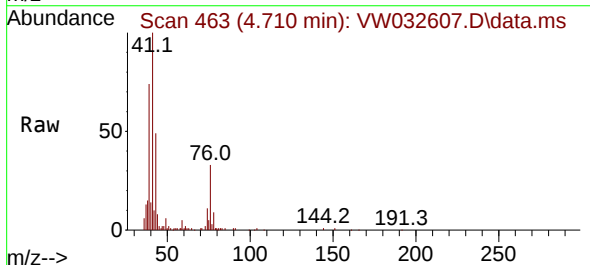
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

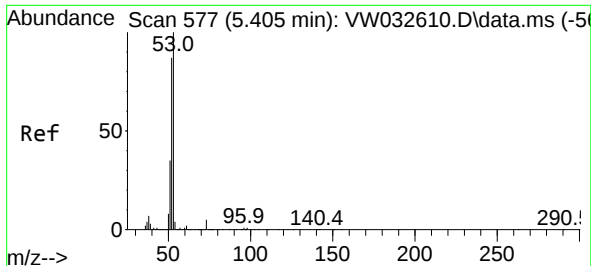
Tgt Ion: 56 Resp: 12817
Ion Ratio Lower Upper
56 100
55 74.1 56.0 84.0



#14
Allyl chloride
Concen: 4.765 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 41 Resp: 40566
Ion Ratio Lower Upper
41 100
39 72.3 54.2 81.2
76 33.6 26.3 39.5

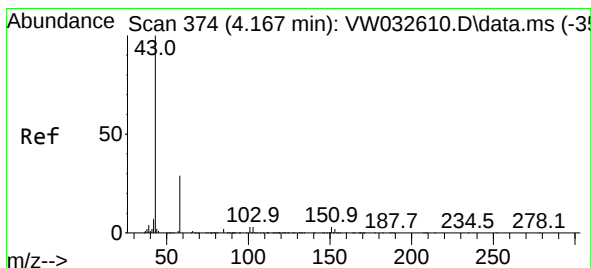
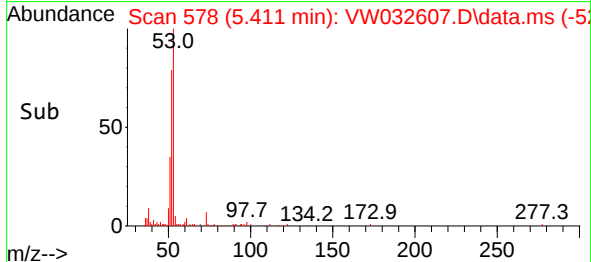
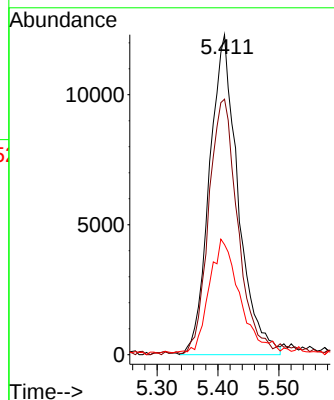
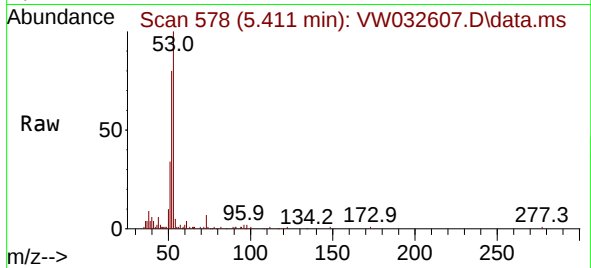




#15
Acrylonitrile
Concen: 24.919 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

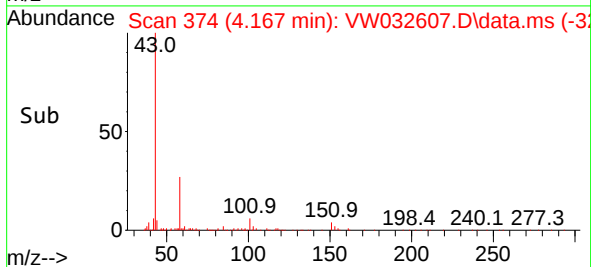
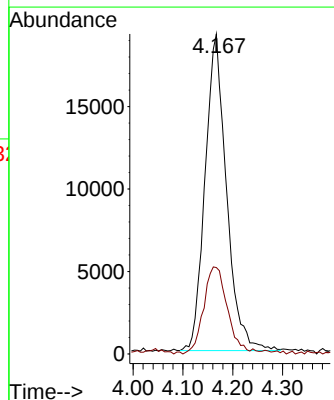
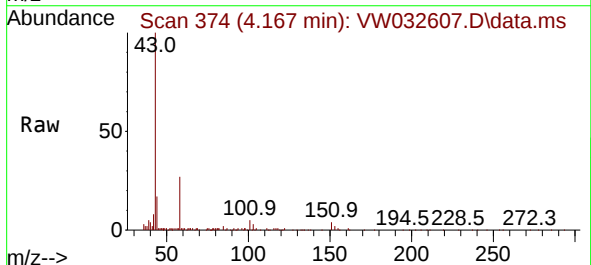
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

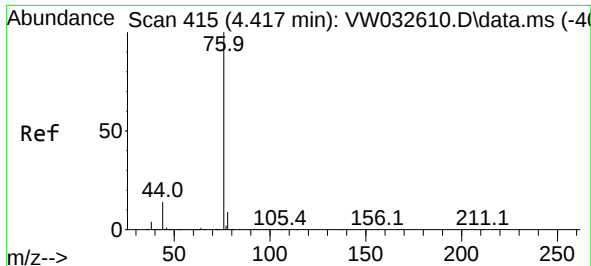
Tgt Ion: 53 Resp: 40256
Ion Ratio Lower Upper
53 100
52 79.8 66.7 100.1
51 37.8 29.8 44.6



#16
Acetone
Concen: 28.989 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 43 Resp: 57295
Ion Ratio Lower Upper
43 100
58 26.9 23.9 35.9

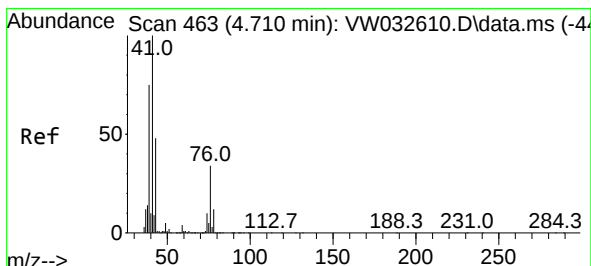
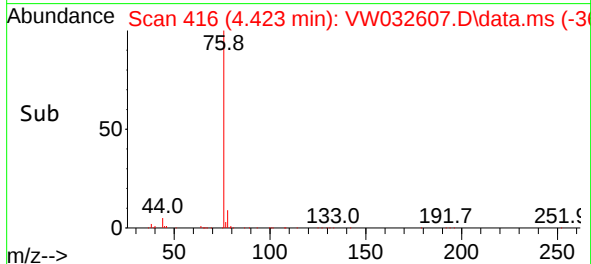
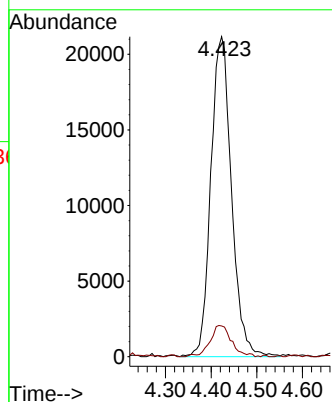
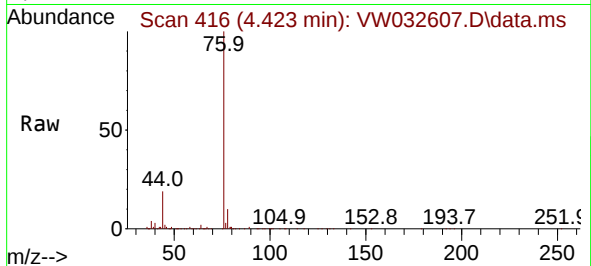




#17
Carbon Disulfide
Concen: 4.996 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

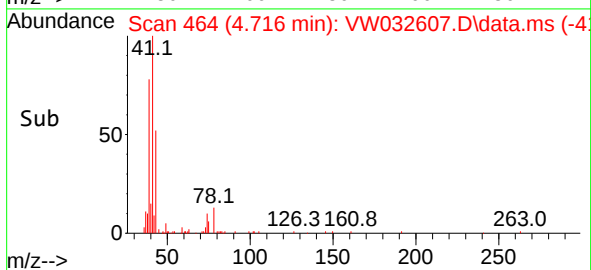
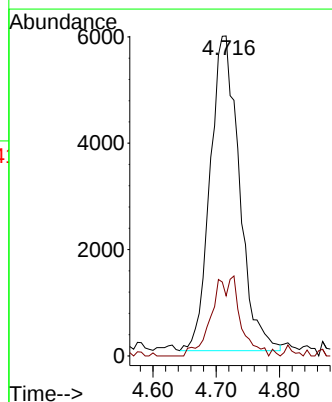
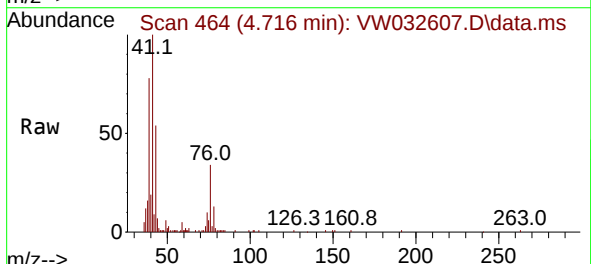
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

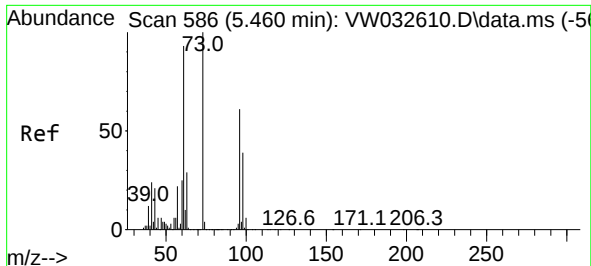
Tgt Ion: 76 Resp: 66505
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 4.916 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 43 Resp: 18955
Ion Ratio Lower Upper
43 100
74 13.7 18.2 27.4#

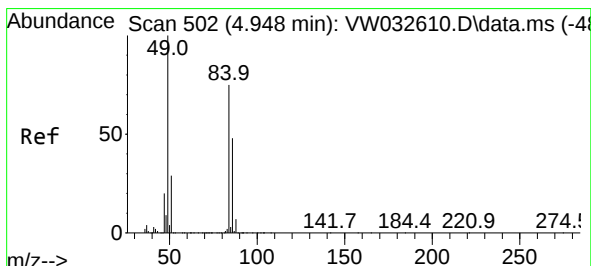
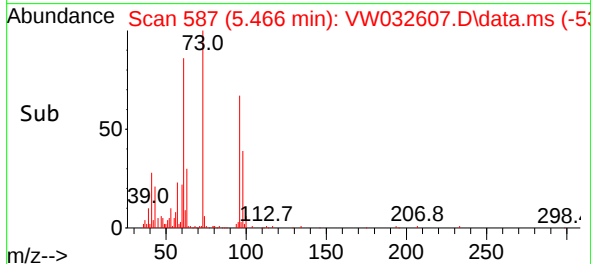
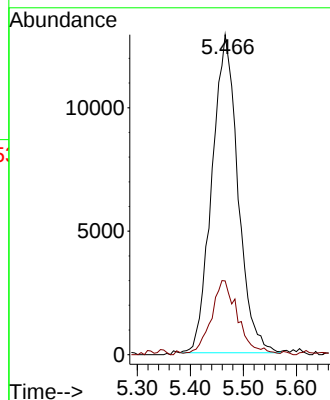
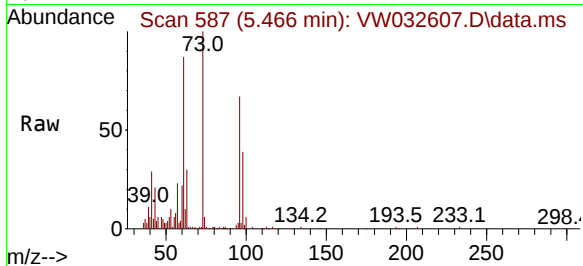




#19
Methyl tert-butyl Ether
Concen: 4.842 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

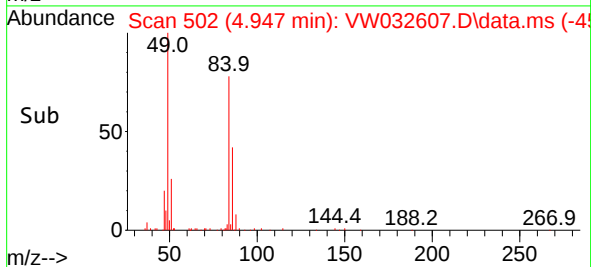
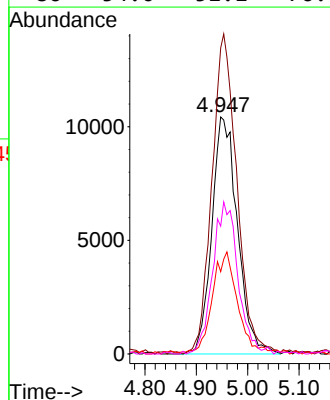
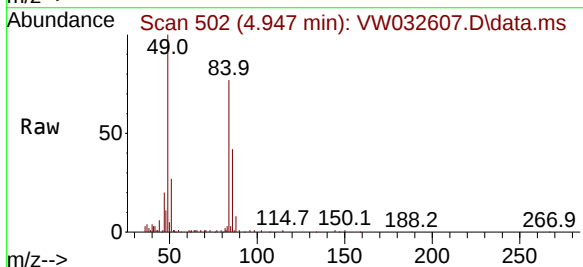
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

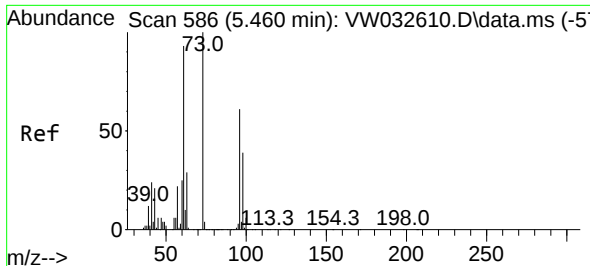
Tgt Ion: 73 Resp: 44030
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 5.991 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 84 Resp: 36152
Ion Ratio Lower Upper
84 100
49 128.6 106.9 160.3
51 34.0 31.4 47.2
86 54.0 51.1 76.7

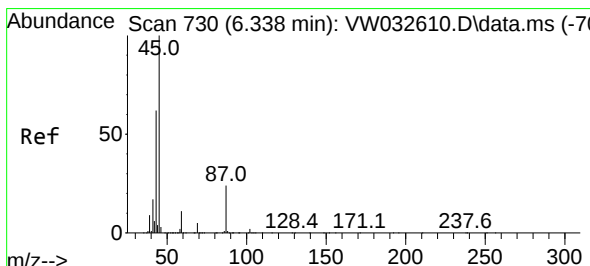
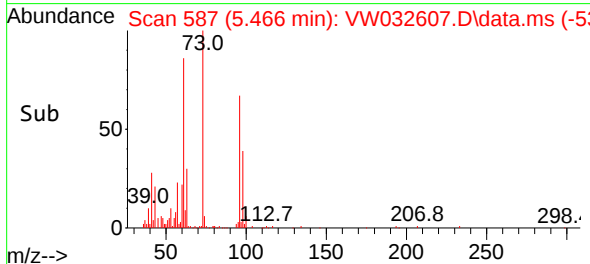
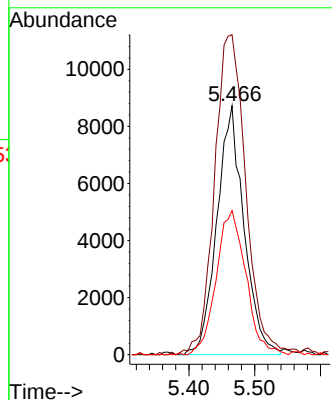
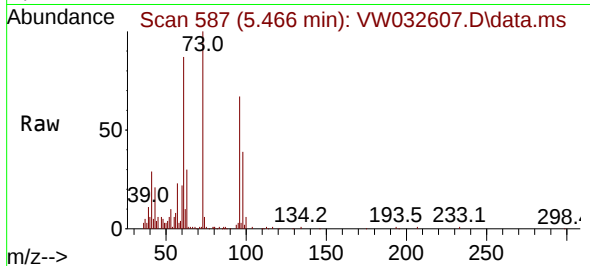




#21
trans-1,2-Dichloroethene
Concen: 4.990 ug/l
RT: 5.466 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

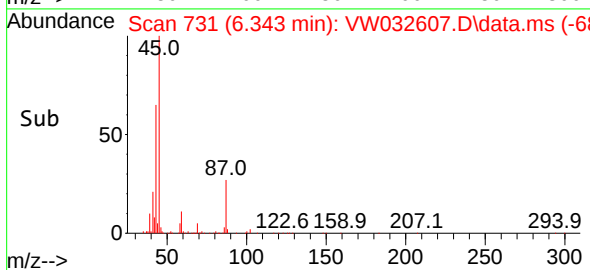
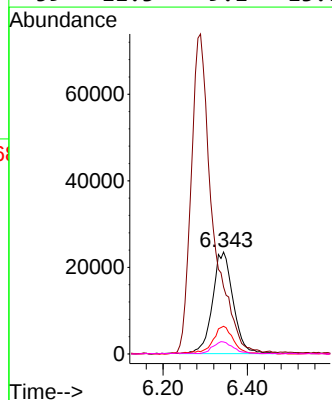
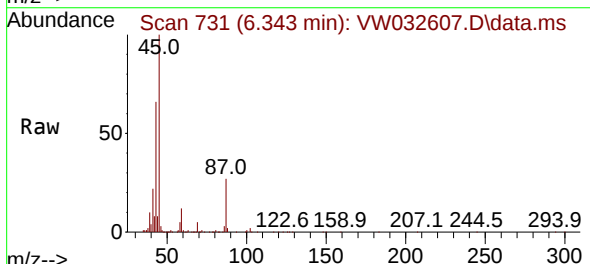
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

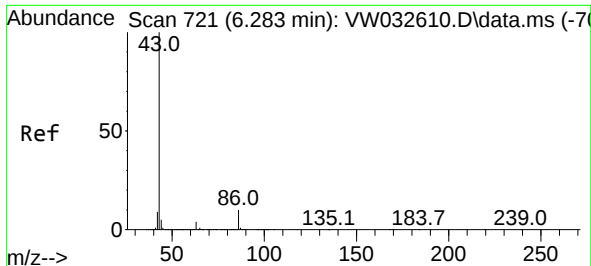
Tgt Ion: 96 Resp: 24959
Ion Ratio Lower Upper
96 100
61 127.8 121.7 182.5
98 57.2 50.6 76.0



#22
Diisopropyl ether
Concen: 4.620 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 45 Resp: 79652
Ion Ratio Lower Upper
45 100
43 64.2 49.1 73.7
87 27.3 19.7 29.5
59 11.3 9.1 13.7

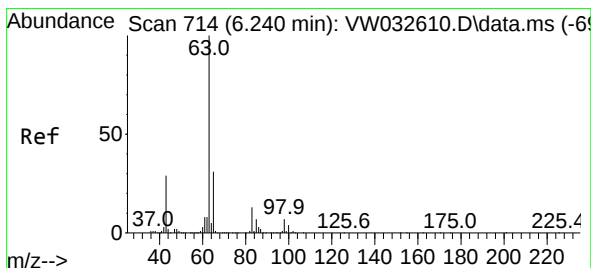
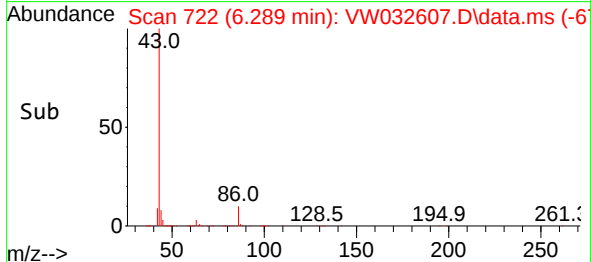
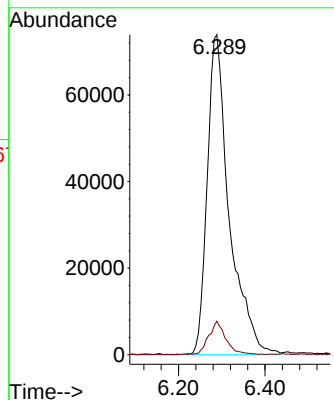
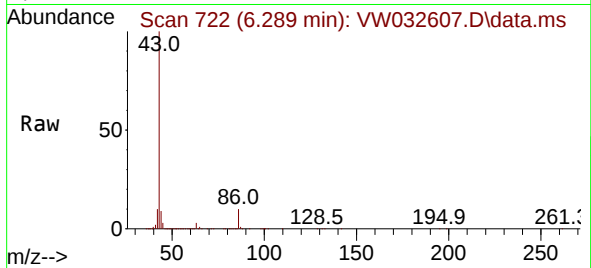




#23
 Vinyl Acetate
 Concen: 22.449 ug/l
 RT: 6.289 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

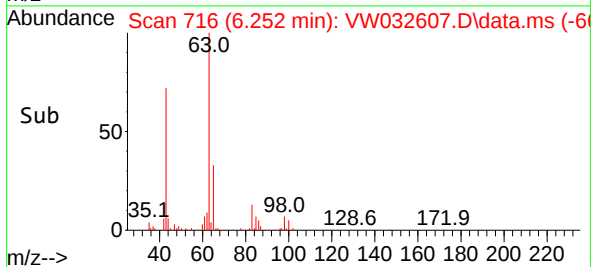
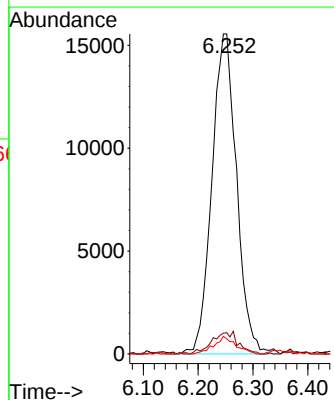
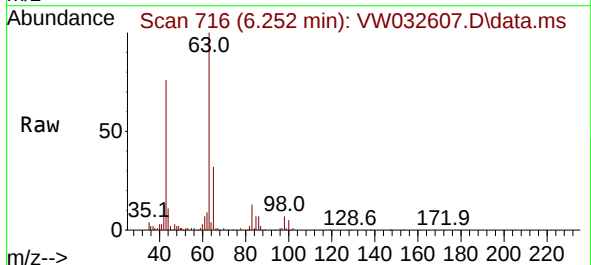
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

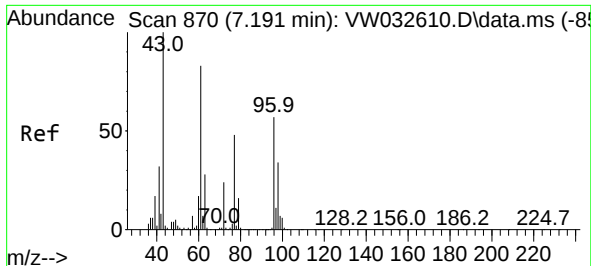
Tgt Ion: 43 Resp: 261672
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 4.942 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.012 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

Tgt Ion: 63 Resp: 48721
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.2 2.1 6.5

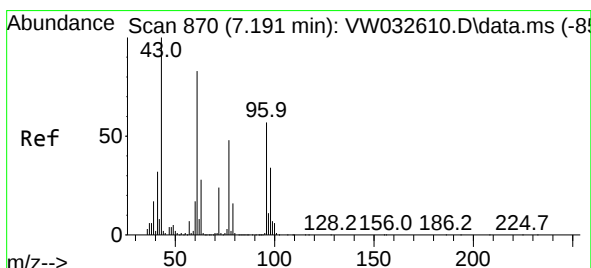
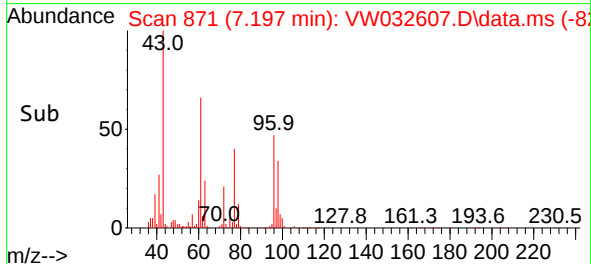
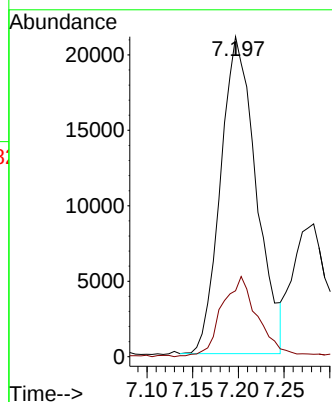
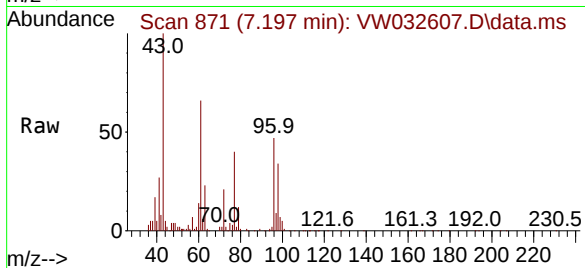




#25
2-Butanone
Concen: 24.586 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

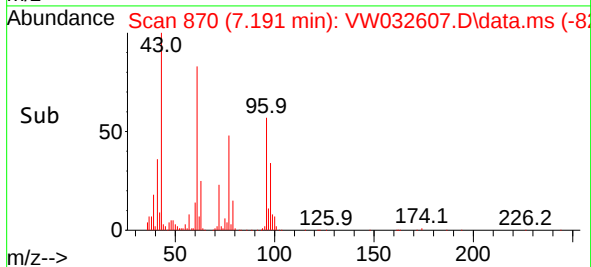
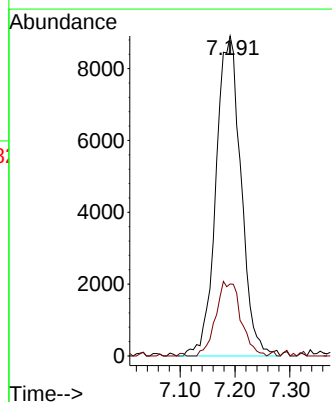
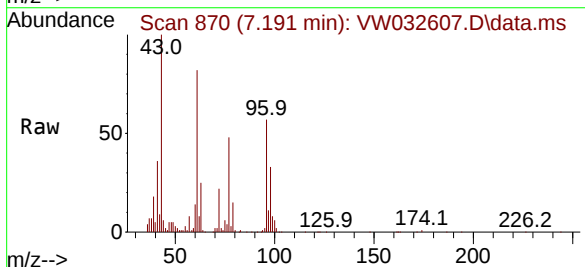
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

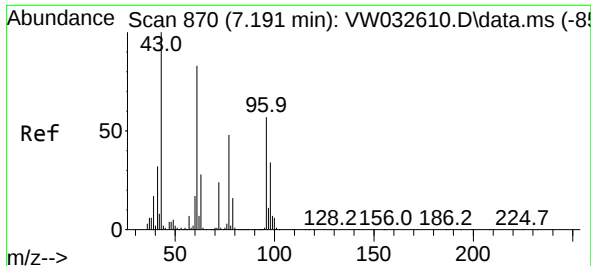
Tgt Ion: 43 Resp: 57098
Ion Ratio Lower Upper
43 100
72 20.5 19.4 29.0



#26
2,2-Dichloropropane
Concen: 5.117 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 77 Resp: 28327
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.9



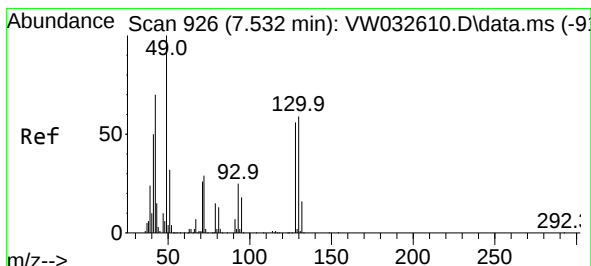
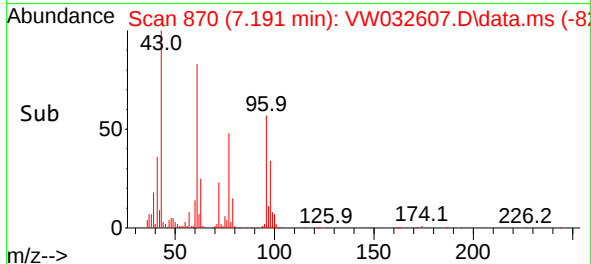
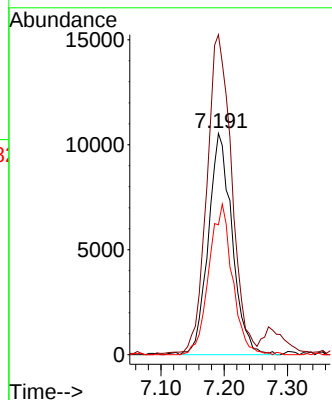
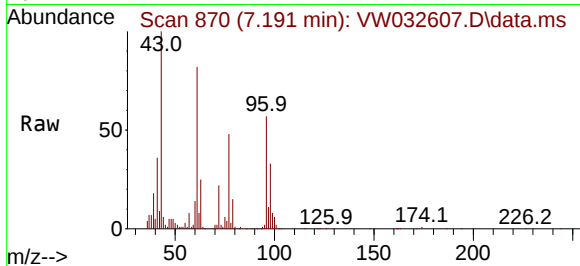


#27
 cis-1,2-Dichloroethene
 Concen: 4.709 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 27501

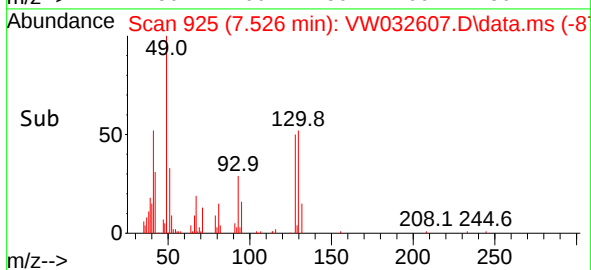
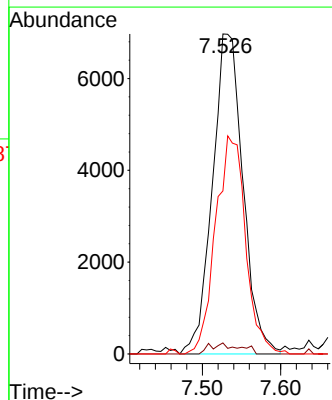
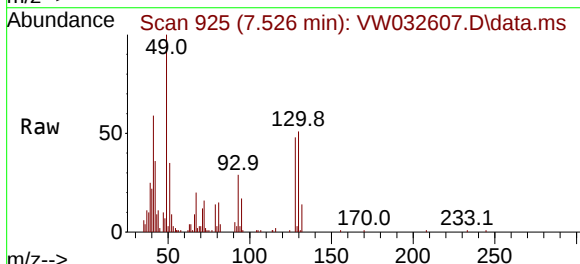
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	295.8
98	67.3	0.0	127.2

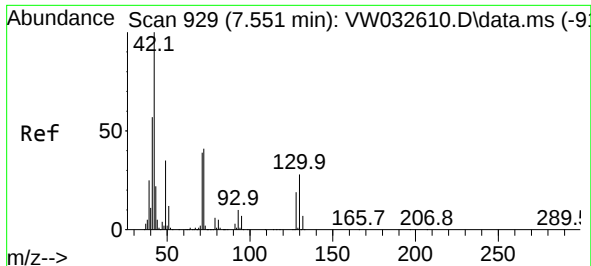


#28
 Bromochloromethane
 Concen: 4.829 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

Tgt Ion: 49 Resp: 18913

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	66.8	53.3	79.9





#29

Tetrahydrofuran

Concen: 23.648 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

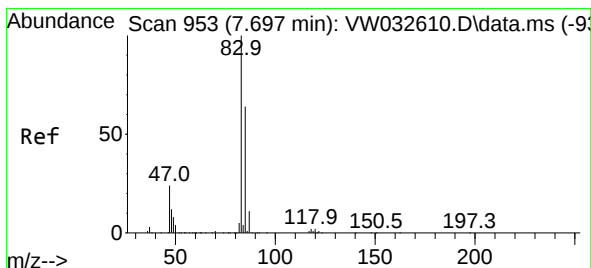
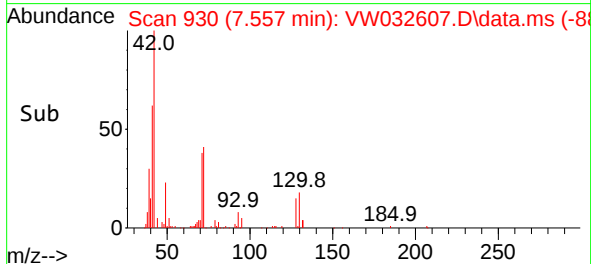
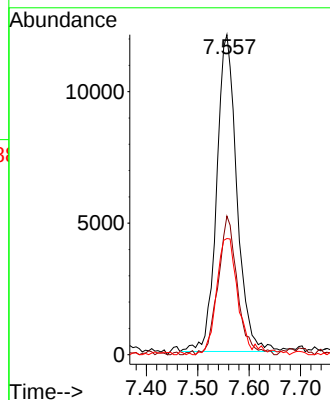
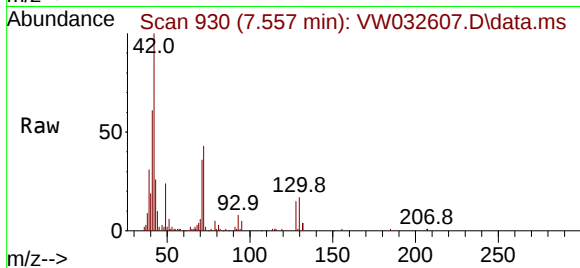
Tgt Ion: 42 Resp: 32971

Ion Ratio Lower Upper

42 100

72 41.7 33.2 49.8

71 37.7 30.7 46.1



#30

Chloroform

Concen: 5.062 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032607.D

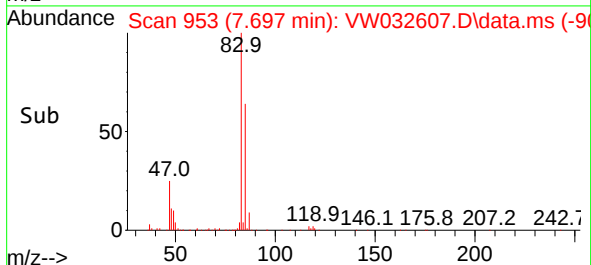
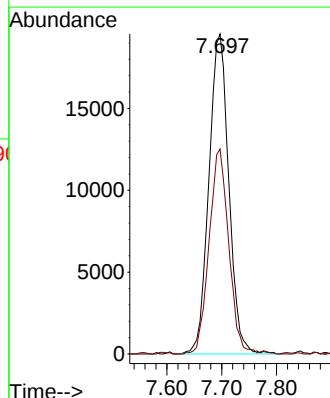
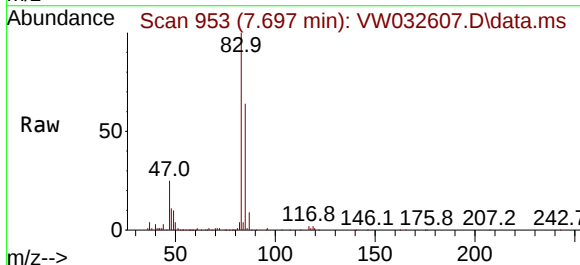
Acq: 10 Dec 2025 10:28

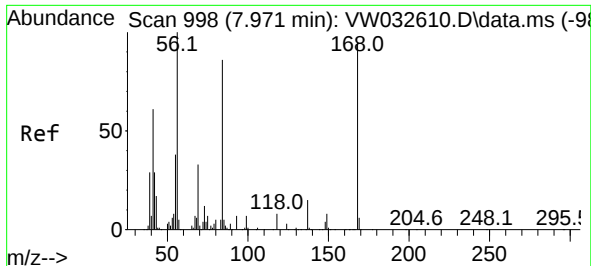
Tgt Ion: 83 Resp: 49231

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.2

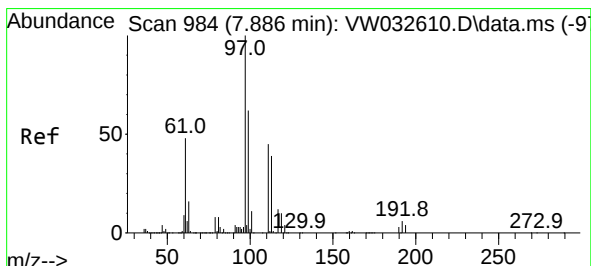
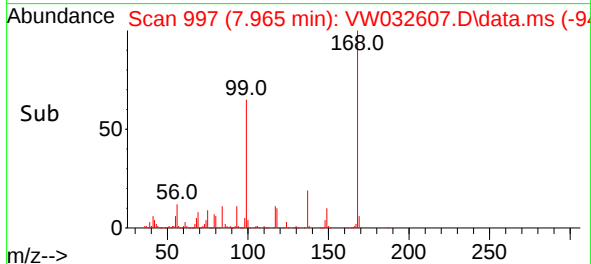
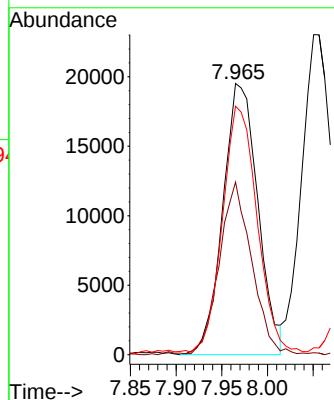
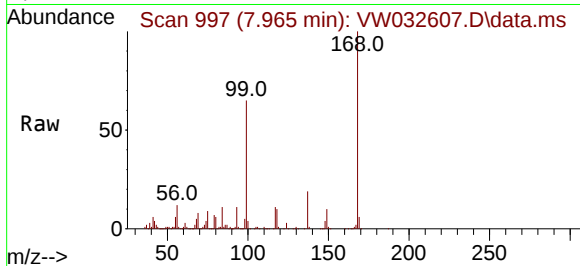




#31
Cyclohexane
Concen: 5.725 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

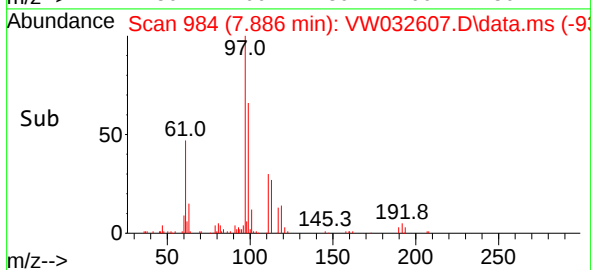
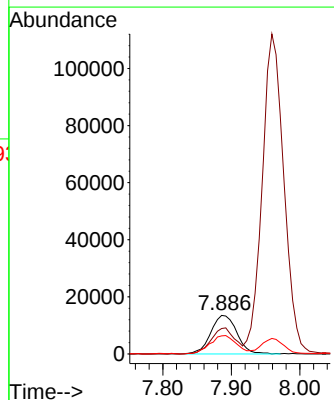
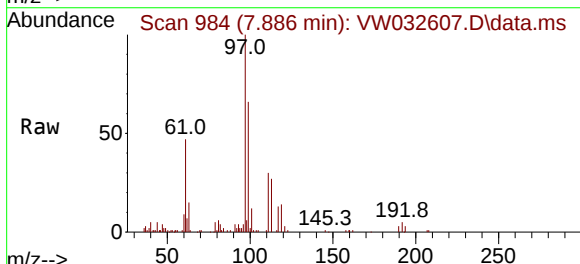
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

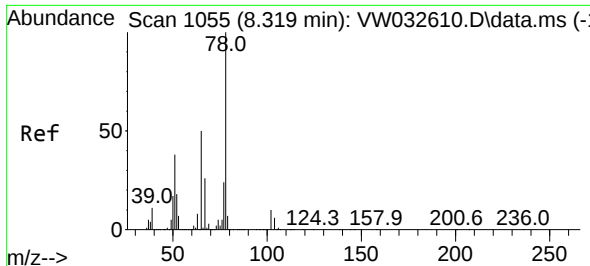
Tgt Ion: 56 Resp: 52025
Ion Ratio Lower Upper
56 100
69 63.1 26.2 39.2#
84 90.4 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 5.019 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 97 Resp: 35889
Ion Ratio Lower Upper
97 100
99 61.5 50.8 76.2
61 47.6 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 6.413 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

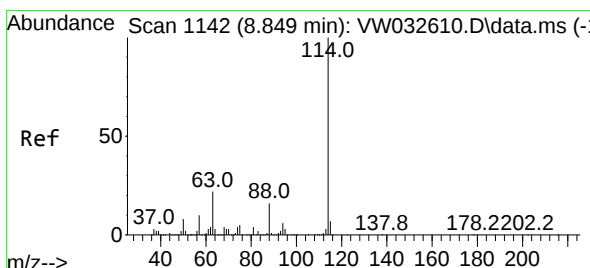
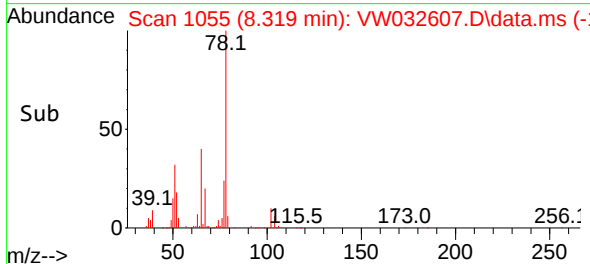
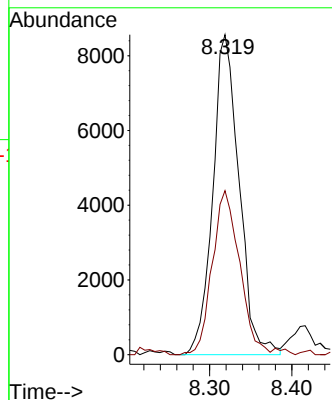
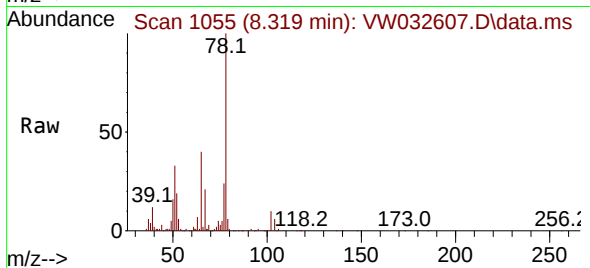
VSTDIC005

Tgt Ion: 65 Resp: 19043

Ion Ratio Lower Upper

65 100

67 53.1 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: VW032607.D

Acq: 10 Dec 2025 10:28

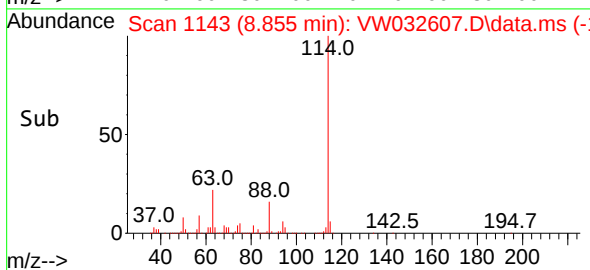
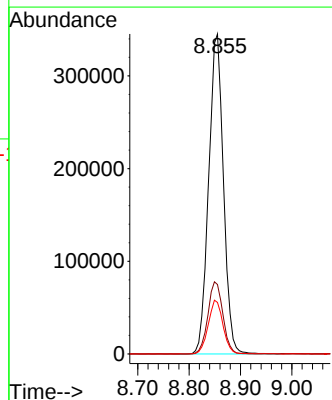
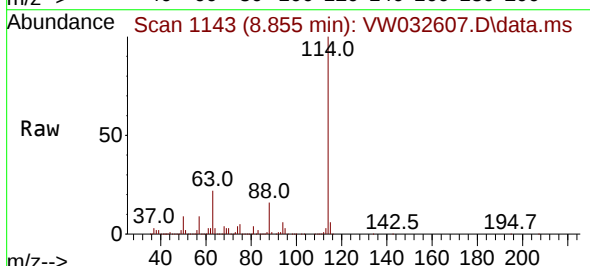
Tgt Ion: 114 Resp: 688012

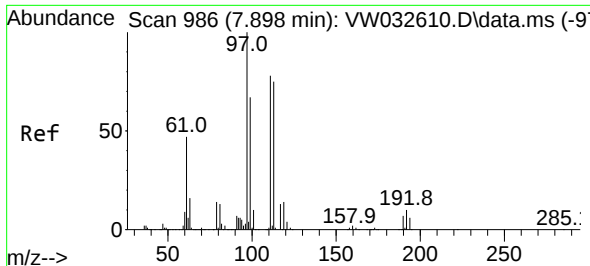
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 16.1 0.0 31.8

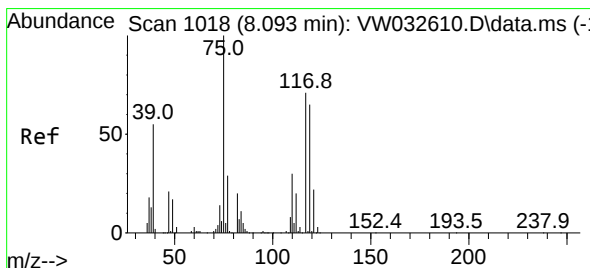
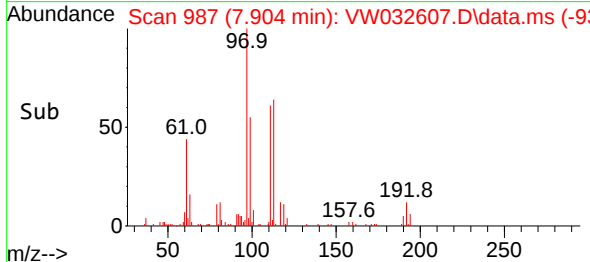
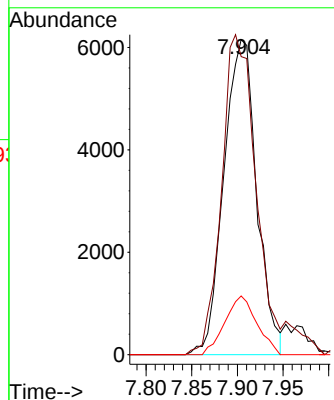
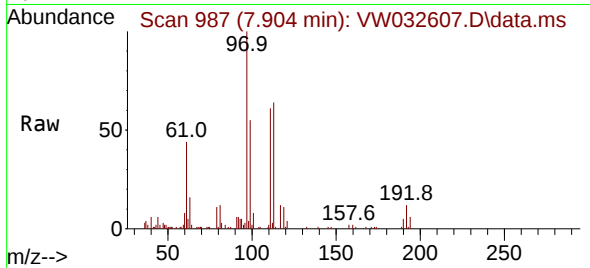




#35
 Dibromofluoromethane
 Concen: 6.227 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

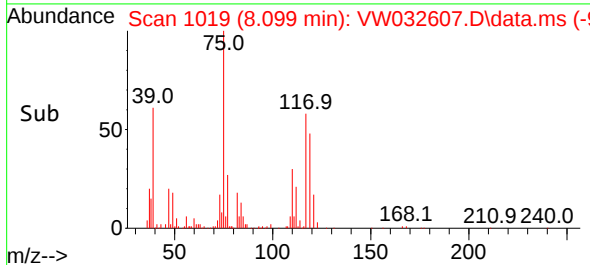
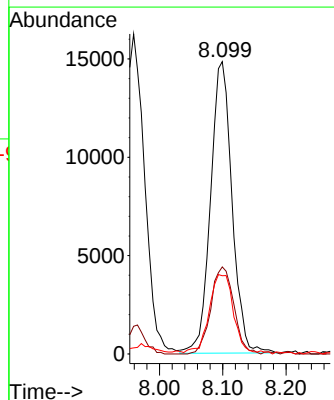
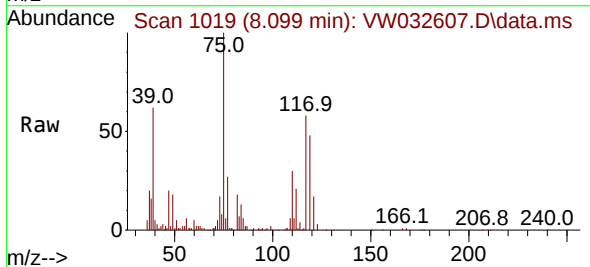
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

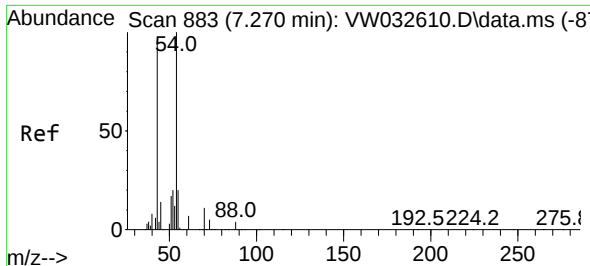
Tgt Ion:113 Resp: 15399
 Ion Ratio Lower Upper
 113 100
 111 111.5 85.2 127.8
 192 18.0 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032607.D
 Acq: 10 Dec 2025 10:28

Tgt Ion: 75 Resp: 34969
 Ion Ratio Lower Upper
 75 100
 110 31.9 16.3 48.9
 77 29.6 24.6 37.0





#37

Ethyl Acetate

Concen: 4.879 ug/l

RT: 7.282 min Scan# 883

Delta R.T. 0.012 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

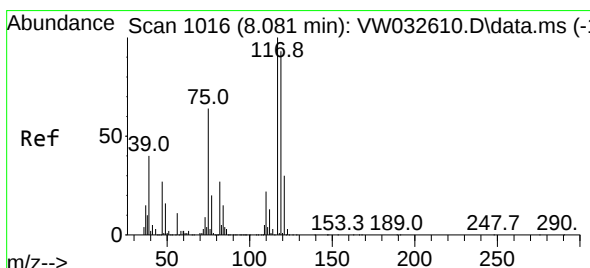
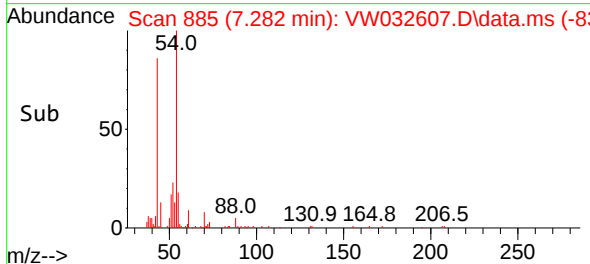
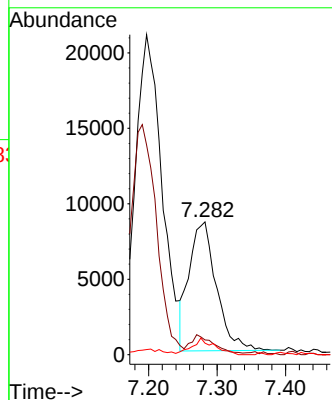
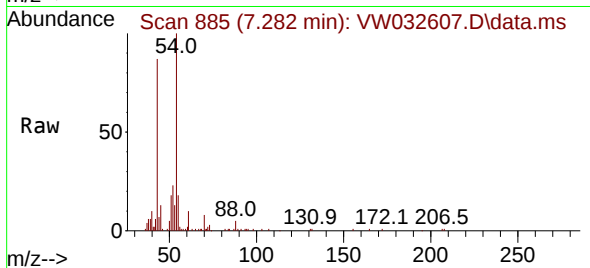
Tgt Ion: 43 Resp: 23672

Ion Ratio Lower Upper

43 100

61 11.5 10.3 15.5

70 10.5 7.7 11.5



#38

Carbon Tetrachloride

Concen: 5.087 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

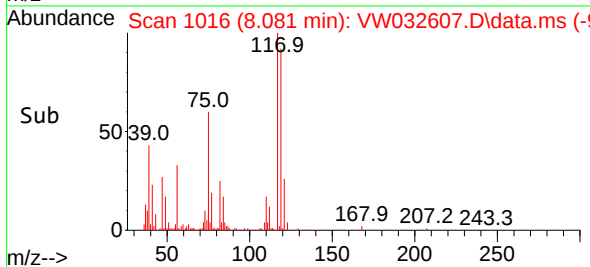
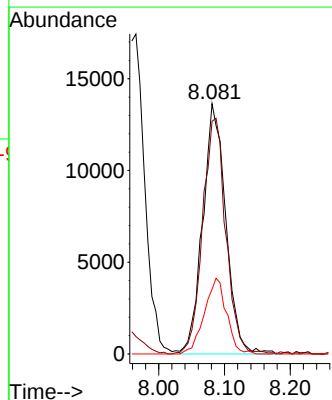
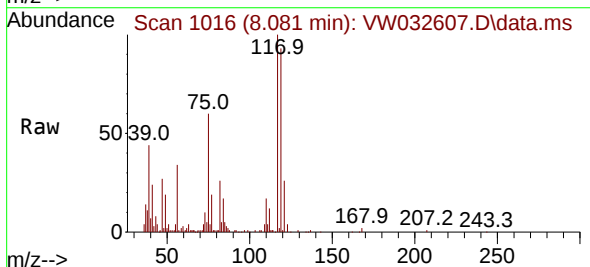
Tgt Ion: 117 Resp: 33327

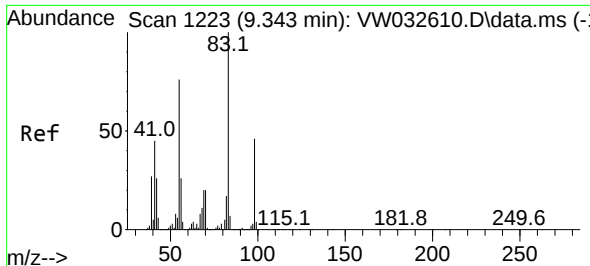
Ion Ratio Lower Upper

117 100

119 92.3 74.3 111.5

121 25.8 23.6 35.4

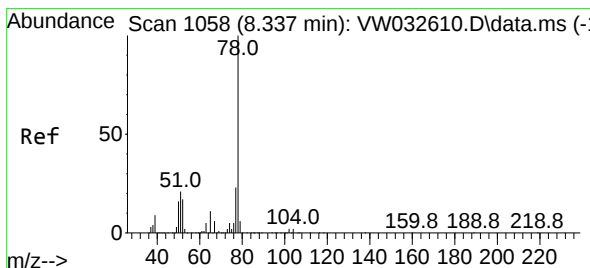
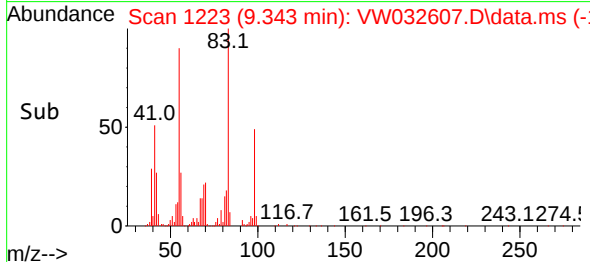
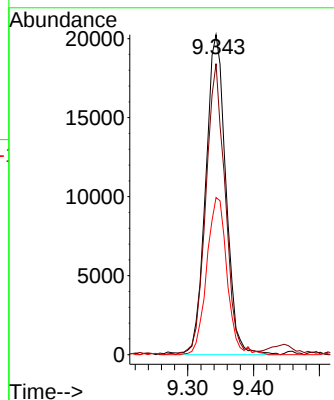
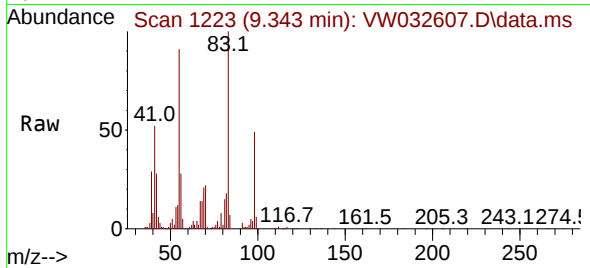




#39
Methylcyclohexane
Concen: 4.847 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

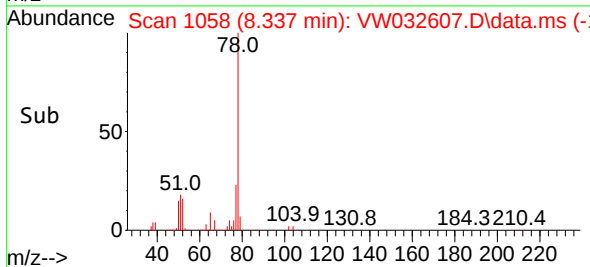
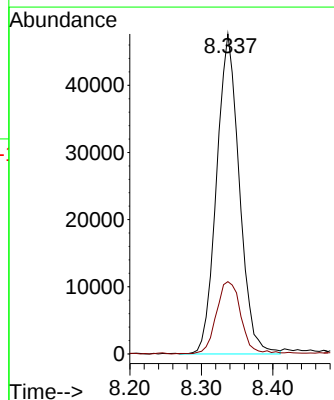
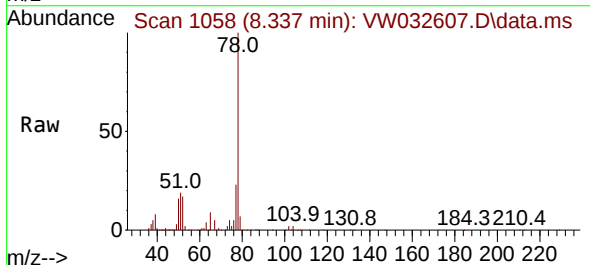
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

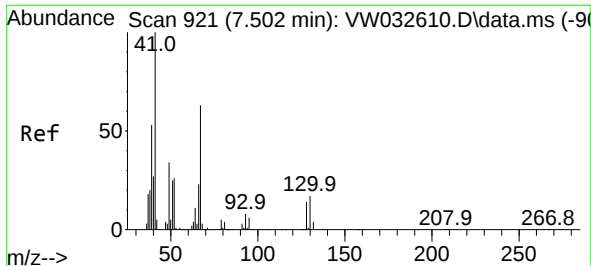
Tgt Ion: 83 Resp: 43176
Ion Ratio Lower Upper
83 100
55 90.2 61.2 91.8
98 49.1 37.0 55.4



#40
Benzene
Concen: 4.909 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 78 Resp: 105478
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0

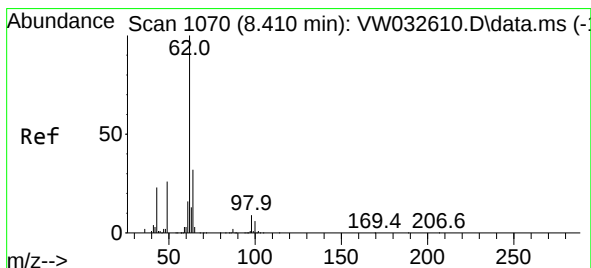
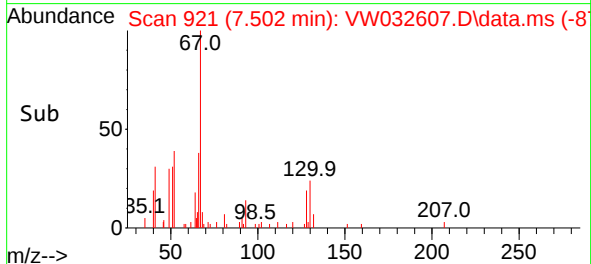
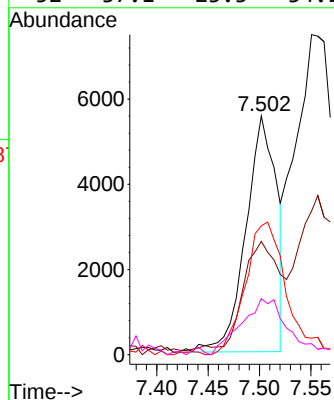
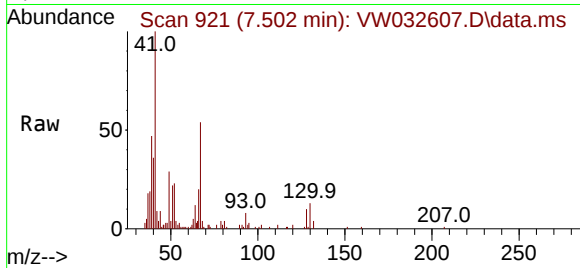




#41
Methacrylonitrile
Concen: 4.450 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

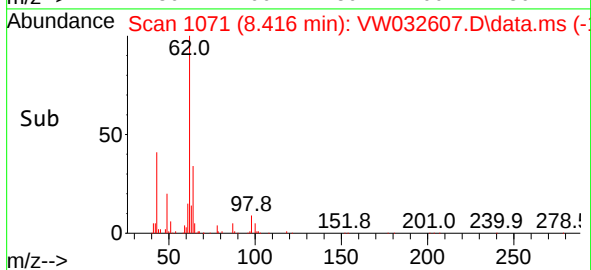
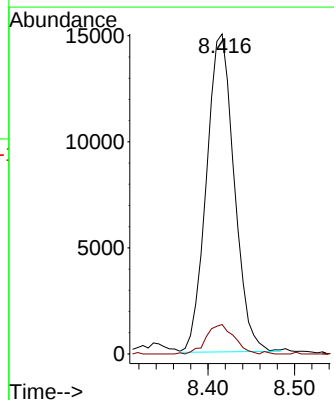
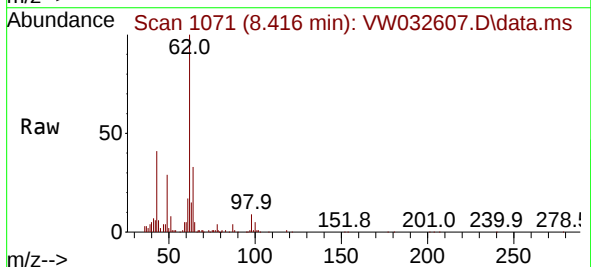
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

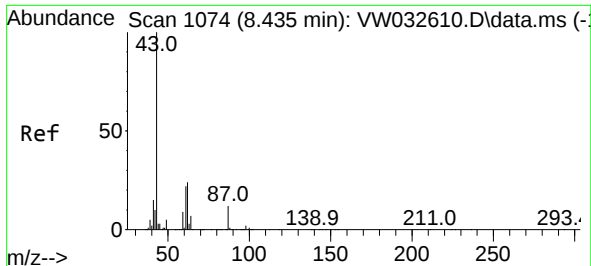
Tgt Ion:	41	Resp:	11541
Ion	Ratio	Lower	Upper
41	100		
39	56.8	47.3	70.9
67	75.4	55.9	83.9
52	37.1	23.3	34.9



#42
1,2-Dichloroethane
Concen: 4.884 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:	62	Resp:	33419
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

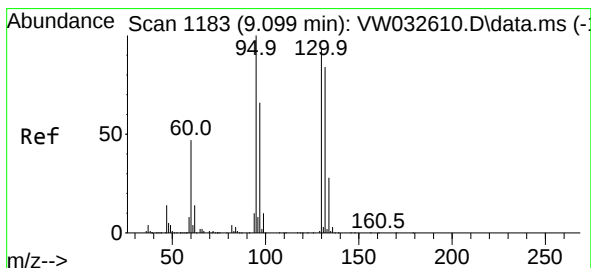
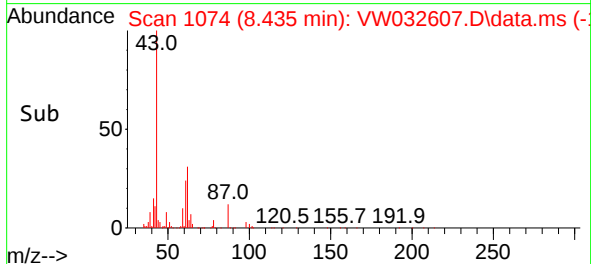
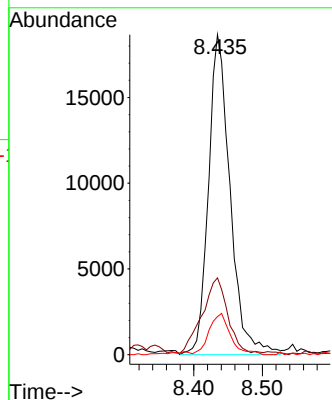
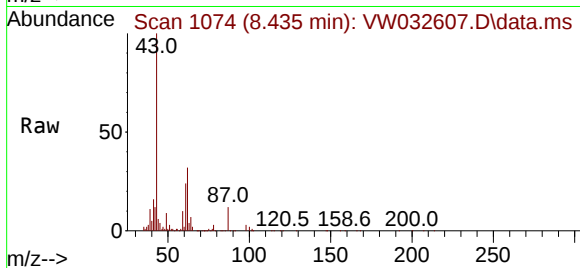




#43
Isopropyl Acetate
Concen: 4.763 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

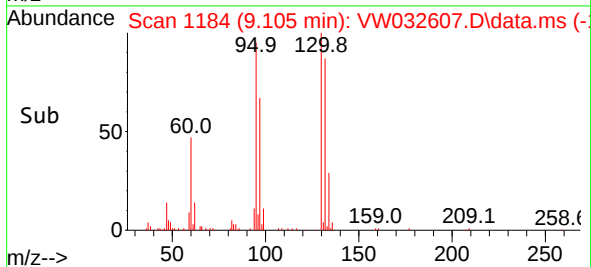
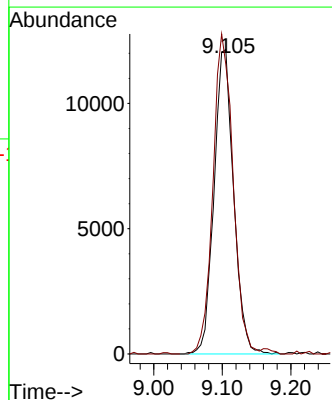
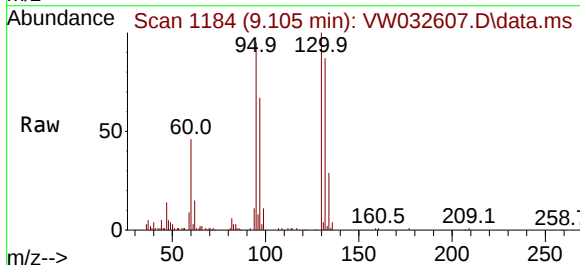
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

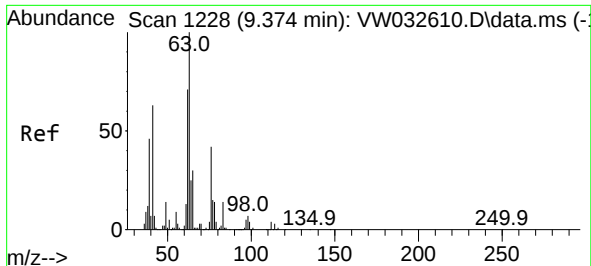
Tgt Ion: 43 Resp: 40986
Ion Ratio Lower Upper
43 100
61 27.6 22.7 34.1
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 4.929 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:130 Resp: 24184
Ion Ratio Lower Upper
130 100
95 95.2 0.0 215.6





#45

1,2-Dichloropropane

Concen: 4.852 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

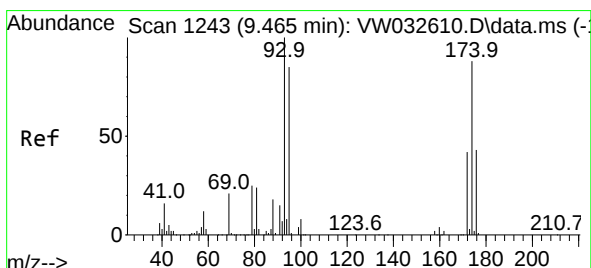
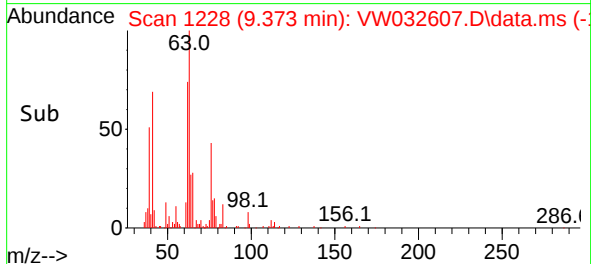
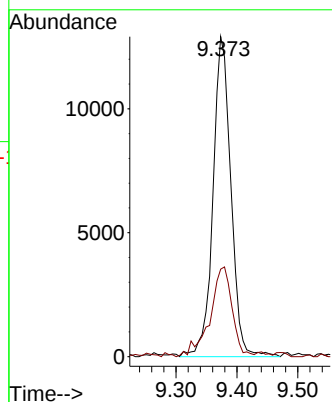
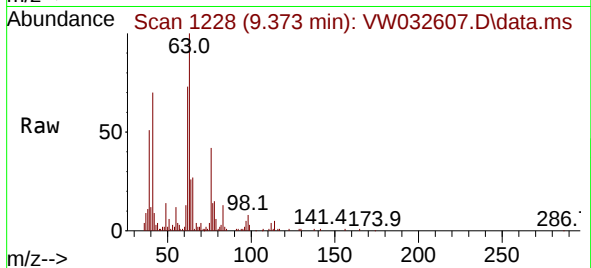
VSTDICC005

Tgt Ion: 63 Resp: 26384

Ion Ratio Lower Upper

63 100

65 26.9 23.8 35.6



#46

Dibromomethane

Concen: 4.881 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

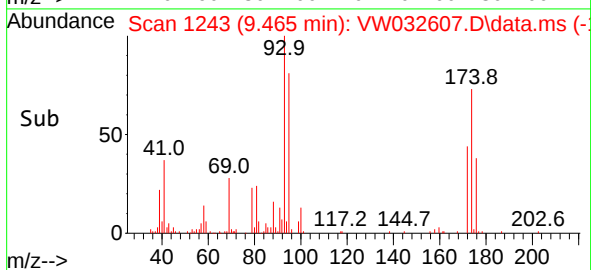
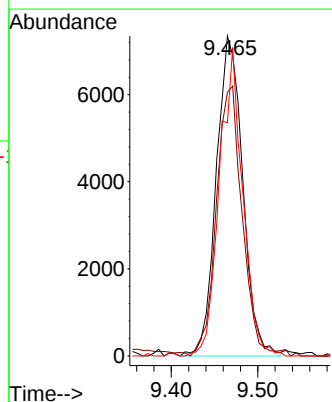
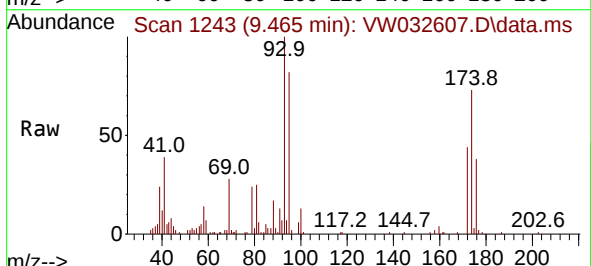
Tgt Ion: 93 Resp: 15550

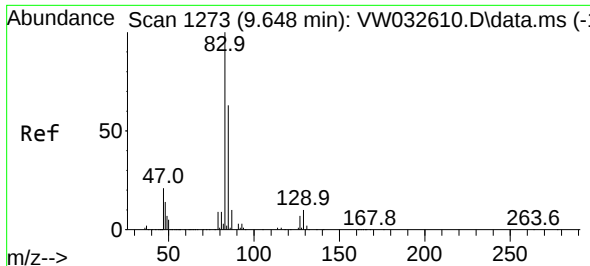
Ion Ratio Lower Upper

93 100

95 82.8 67.0 100.4

174 85.0 67.6 101.4

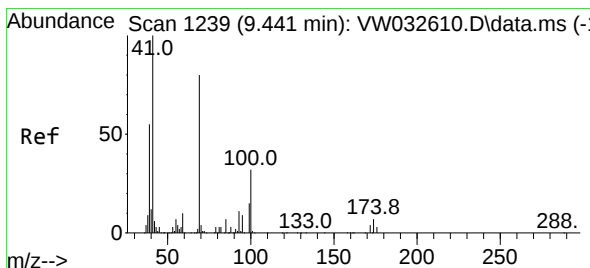
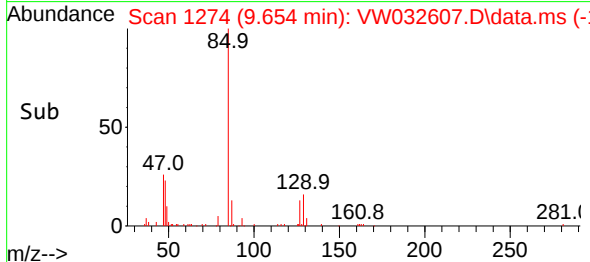
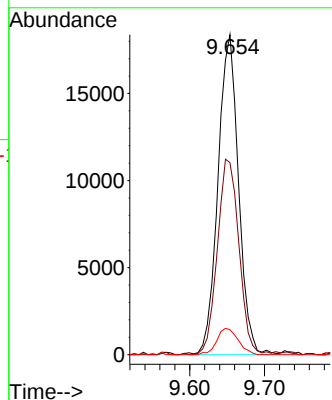
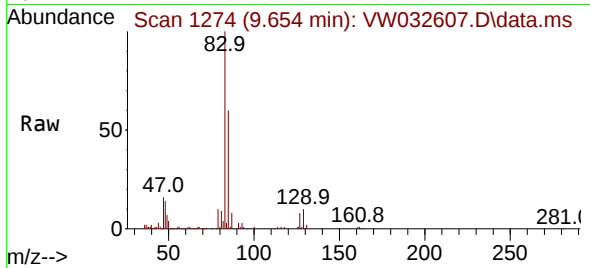




#47
Bromodichloromethane
Concen: 4.754 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

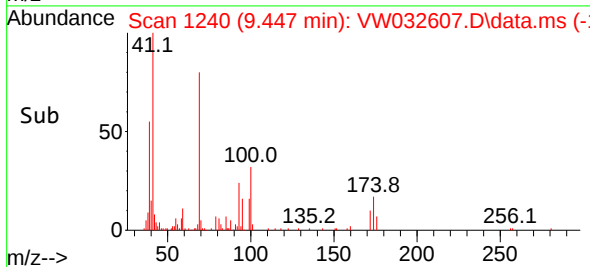
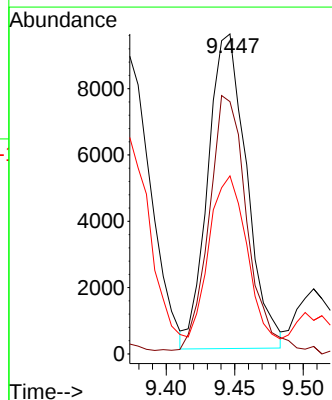
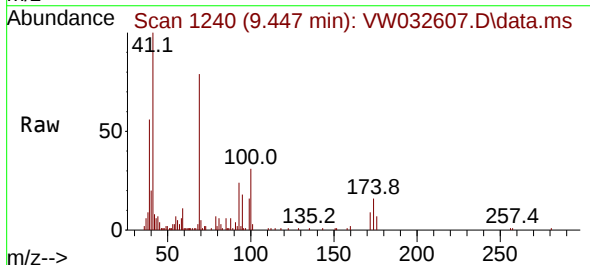
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

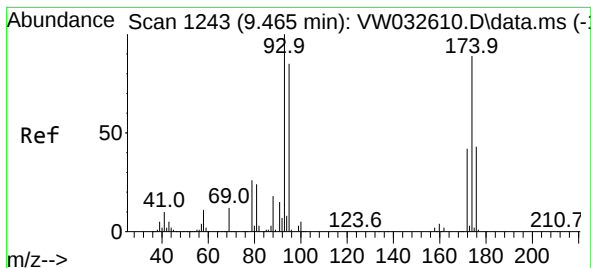
Tgt Ion: 83 Resp: 35228
Ion Ratio Lower Upper
83 100
85 60.0 50.7 76.1
127 7.8 6.0 9.0



#48
Methyl methacrylate
Concen: 4.597 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 41 Resp: 18672
Ion Ratio Lower Upper
41 100
69 82.6 67.9 101.9
39 57.5 43.8 65.8





#49

1,4-Dioxane

Concen: 101.058 ug/l

RT: 9.465 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

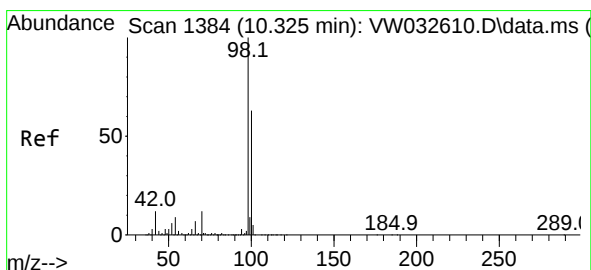
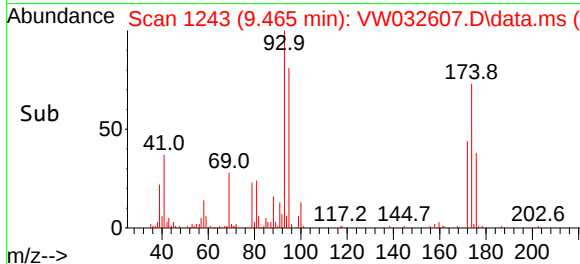
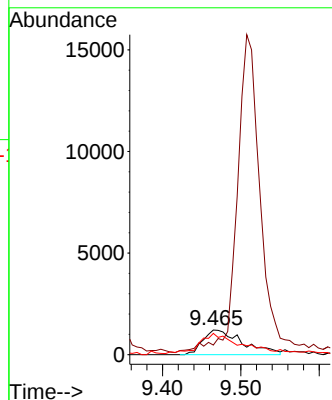
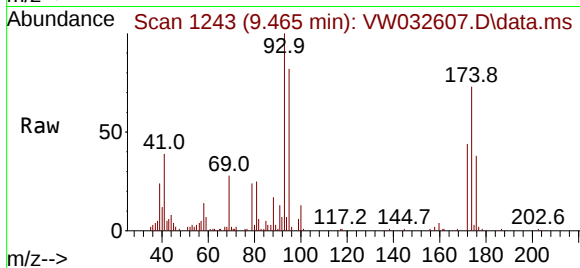
Tgt Ion: 88 Resp: 4319

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.9 63.8 95.8



#50

Toluene-d8

Concen: 3.274 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032607.D

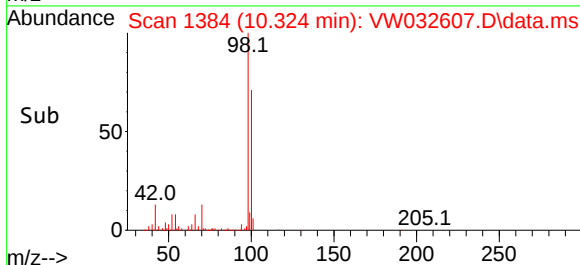
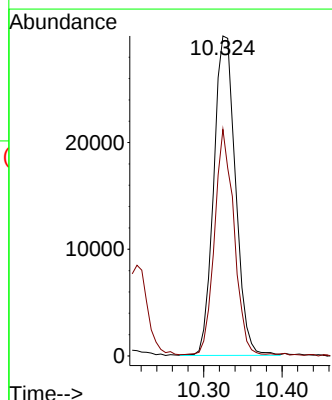
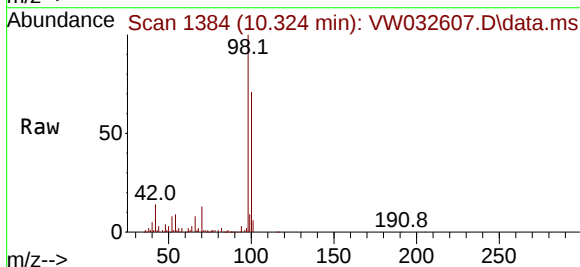
Acq: 10 Dec 2025 10:28

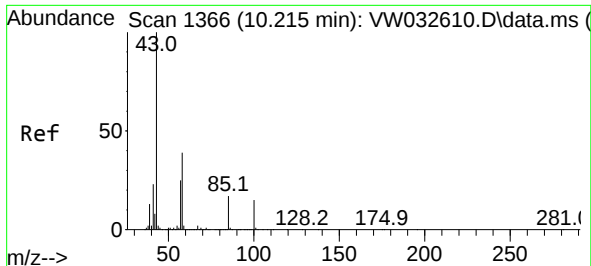
Tgt Ion: 98 Resp: 57814

Ion Ratio Lower Upper

98 100

100 62.8 52.2 78.2

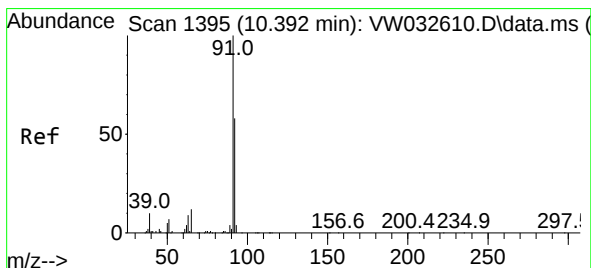
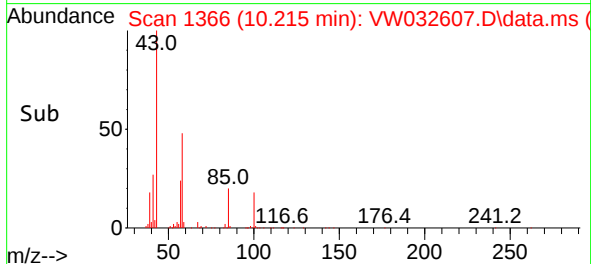
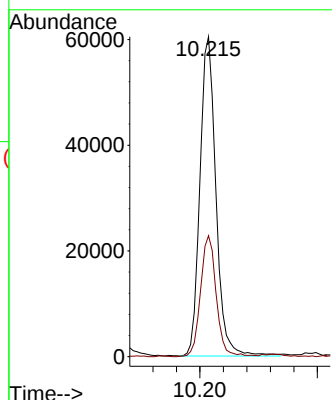
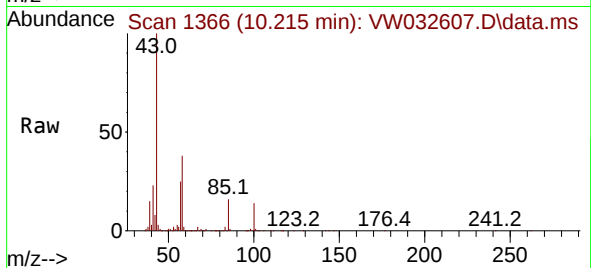




#51
4-Methyl-2-Pentanone
Concen: 23.884 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

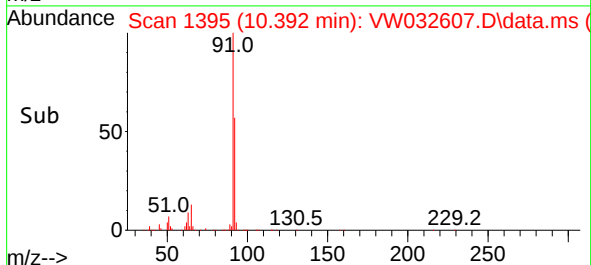
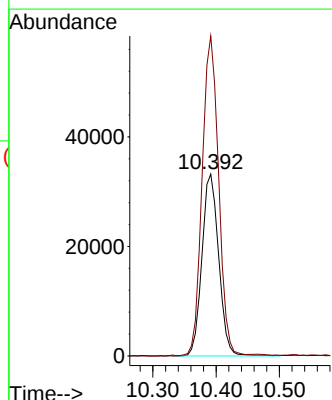
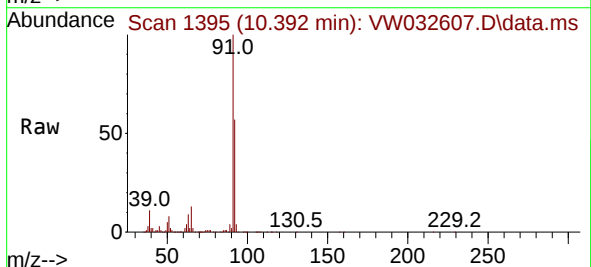
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

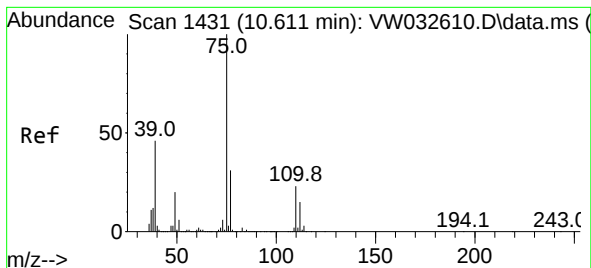
Tgt Ion: 43 Resp: 114583
Ion Ratio Lower Upper
43 100
58 37.1 30.6 45.8



#52
Toluene
Concen: 4.635 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 92 Resp: 61280
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

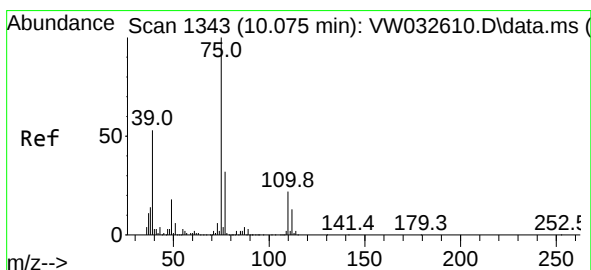
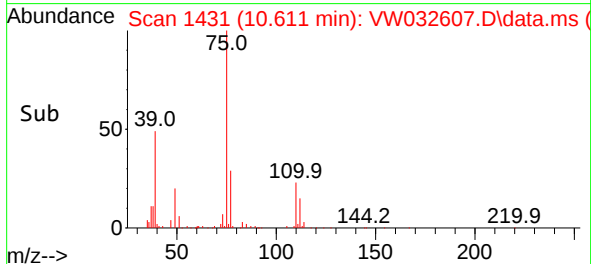
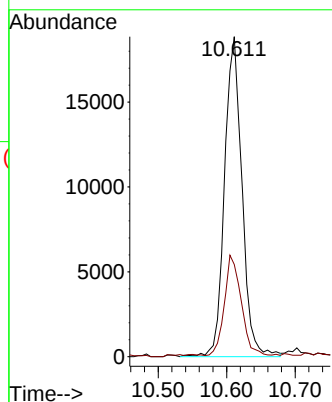
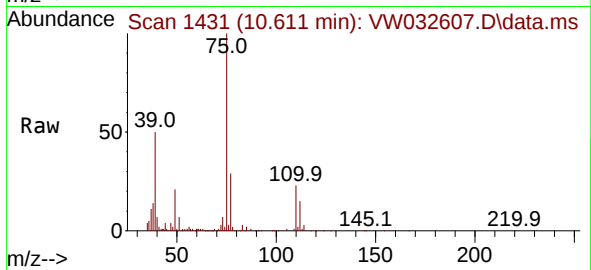




#53
t-1,3-Dichloropropene
Concen: 4.556 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

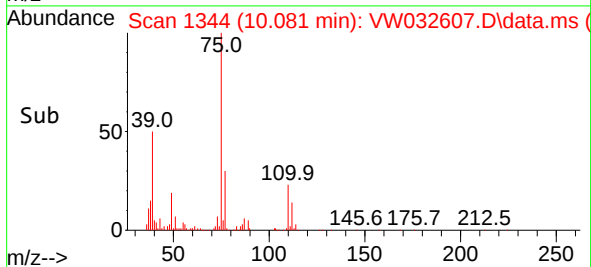
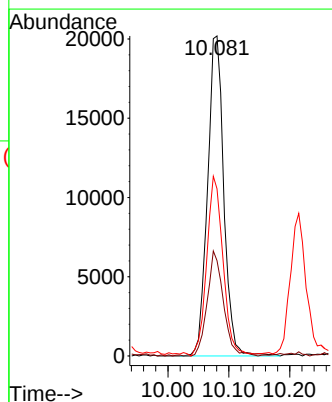
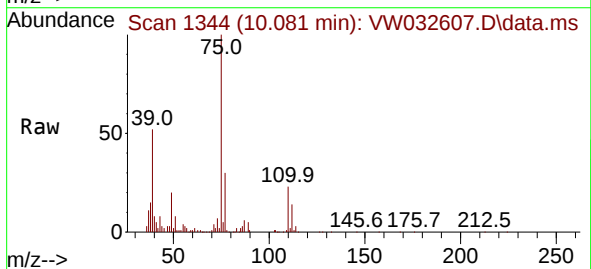
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

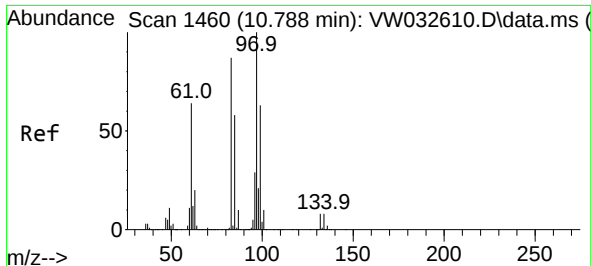
Tgt Ion: 75 Resp: 33288
Ion Ratio Lower Upper
75 100
77 28.4 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 4.453 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 75 Resp: 37523
Ion Ratio Lower Upper
75 100
77 29.5 26.0 39.0
39 51.7 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 4.943 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 21128

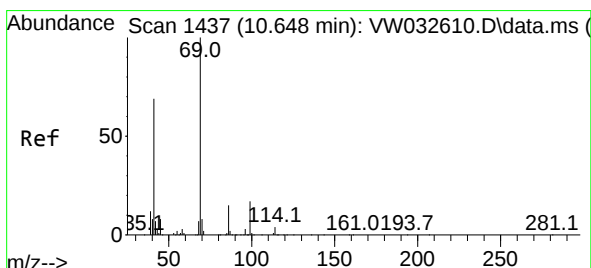
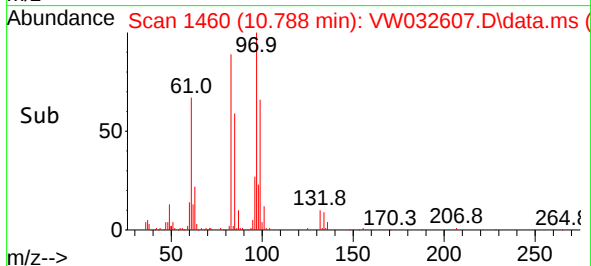
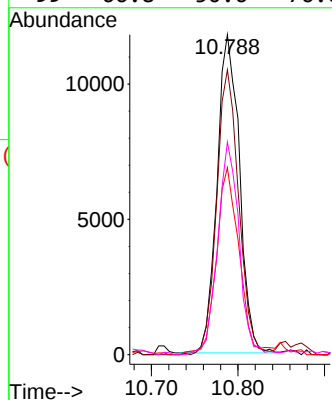
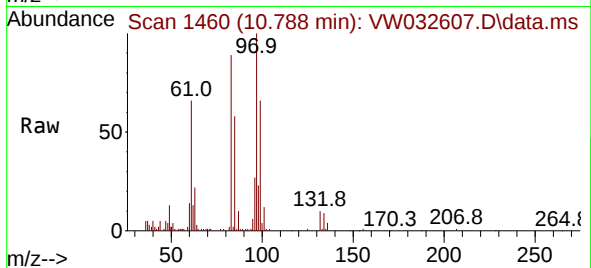
Ion Ratio Lower Upper

97 100

83 89.5 69.3 103.9

85 58.8 46.1 69.1

99 66.8 50.6 76.0



#56

Ethyl methacrylate

Concen: 4.300 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

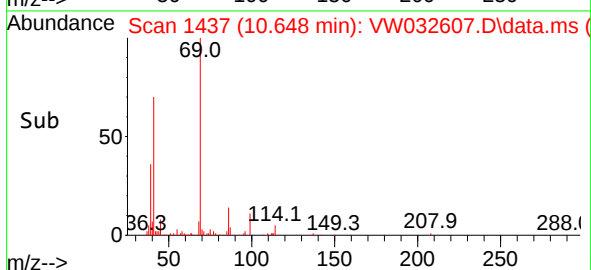
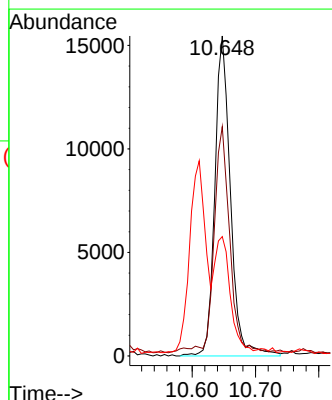
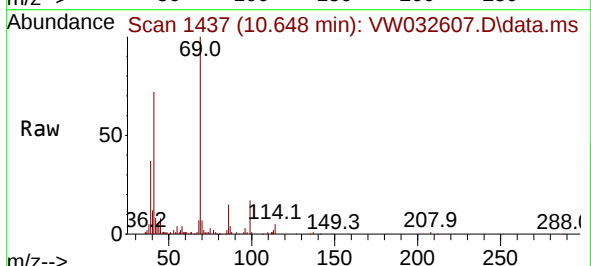
Tgt Ion: 69 Resp: 26535

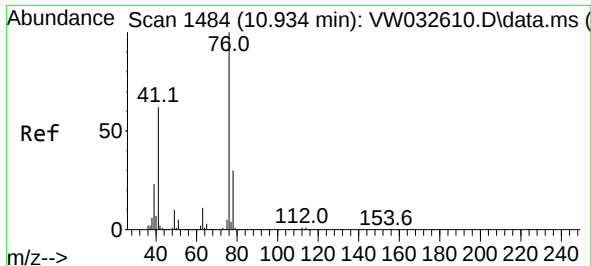
Ion Ratio Lower Upper

69 100

41 71.0 57.0 85.6

39 35.4 27.2 40.8





#57

1,3-Dichloropropane

Concen: 4.924 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

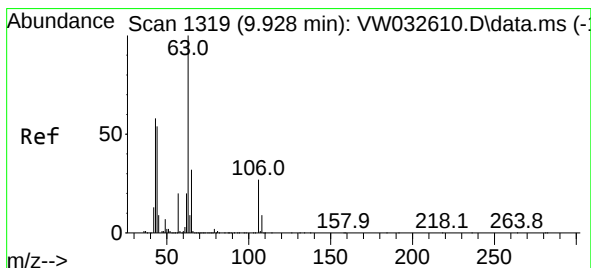
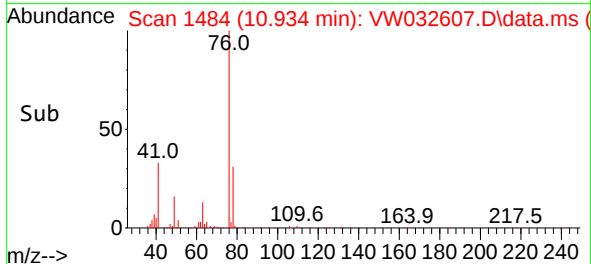
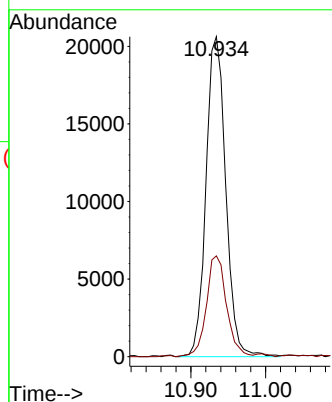
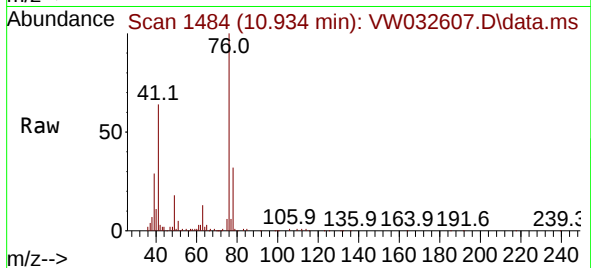
VSTDIC005

Tgt Ion: 76 Resp: 37801

Ion Ratio Lower Upper

76 100

78 32.2 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 20.230 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032607.D

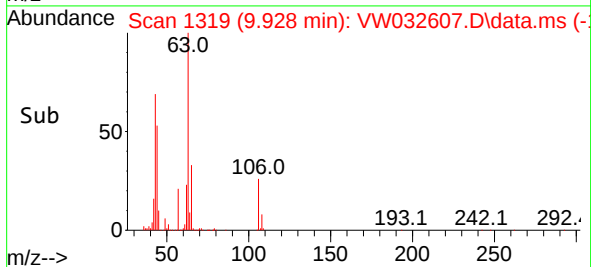
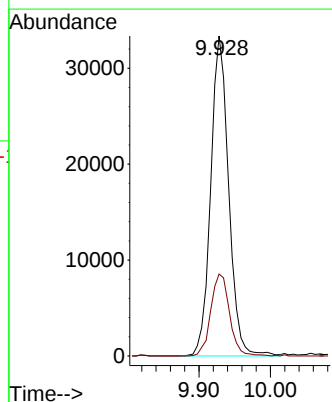
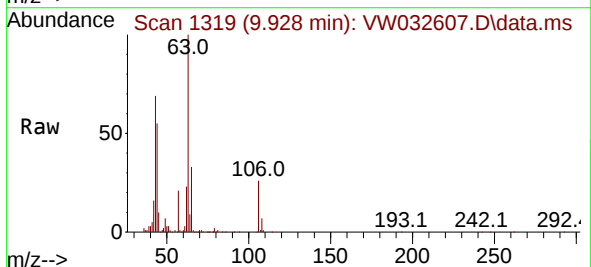
Acq: 10 Dec 2025 10:28

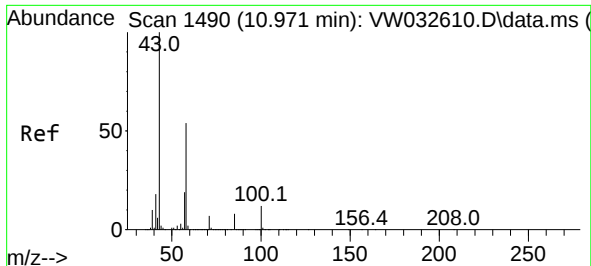
Tgt Ion: 63 Resp: 58194

Ion Ratio Lower Upper

63 100

106 26.7 21.3 31.9

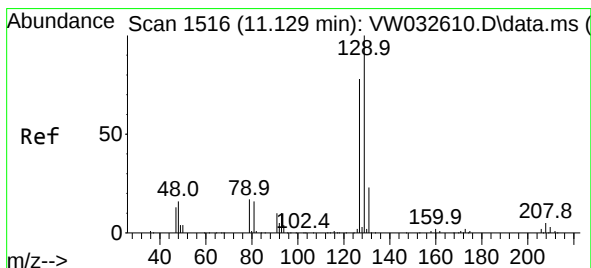
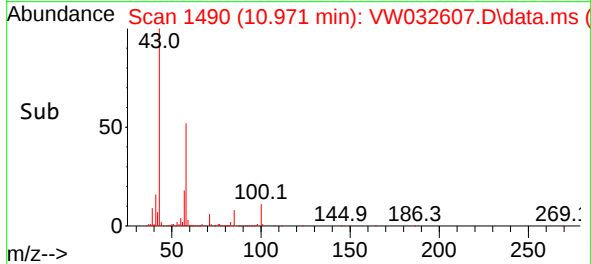
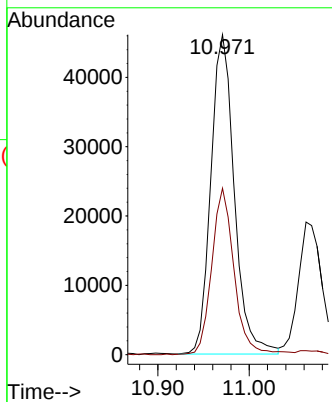
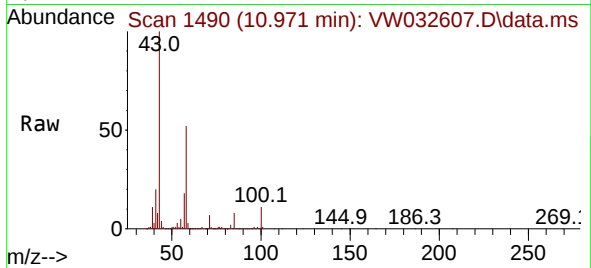




#59
2-Hexanone
Concen: 23.665 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

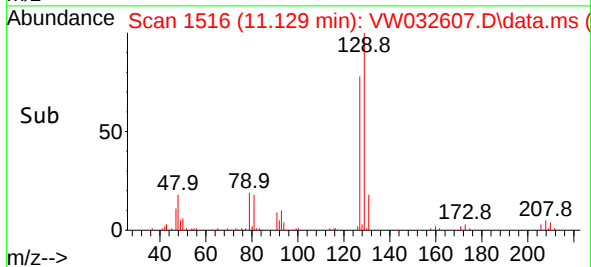
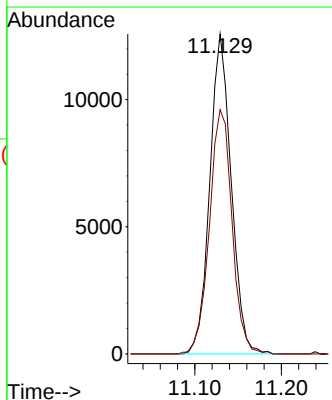
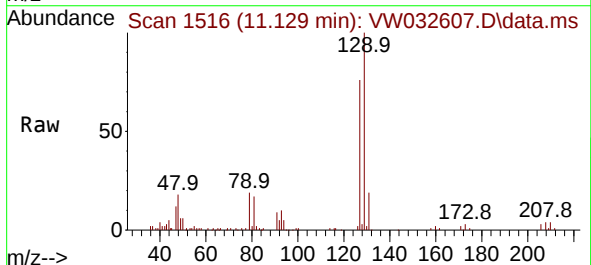
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

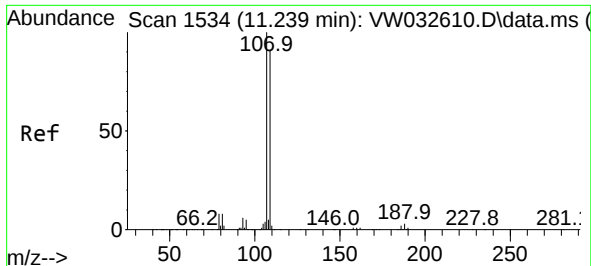
Tgt Ion: 43 Resp: 82226
Ion Ratio Lower Upper
43 100
58 49.9 26.3 78.9



#60
Dibromochloromethane
Concen: 4.544 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 129 Resp: 21635
Ion Ratio Lower Upper
129 100
127 80.5 37.2 111.6

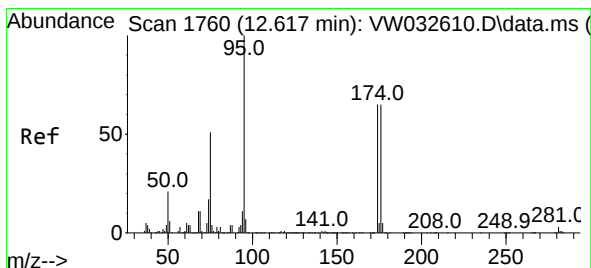
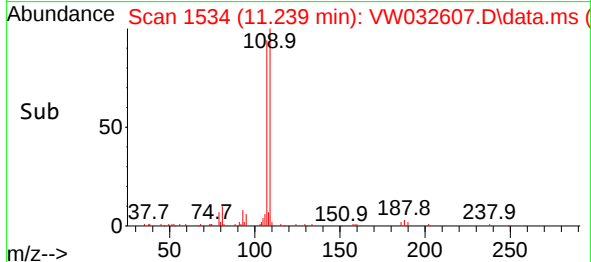
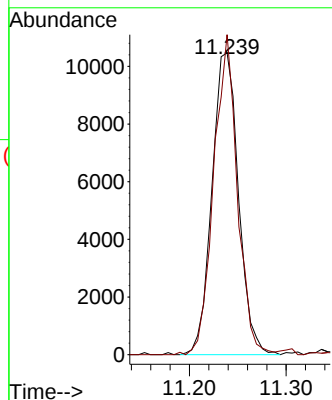
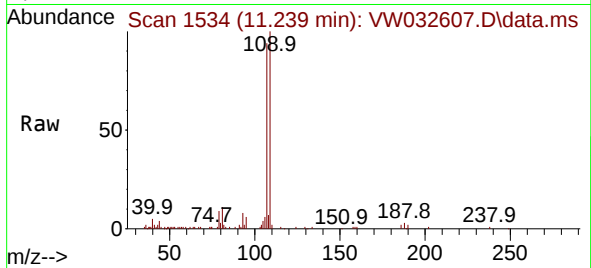




#61
1,2-Dibromoethane
Concen: 4.829 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

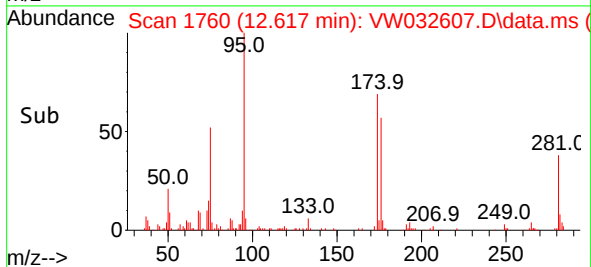
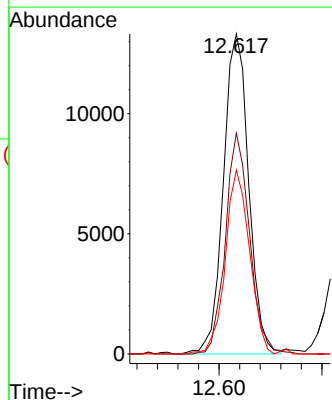
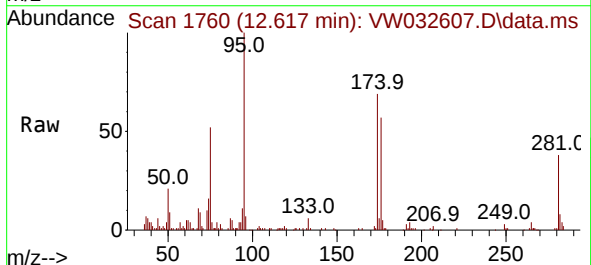
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

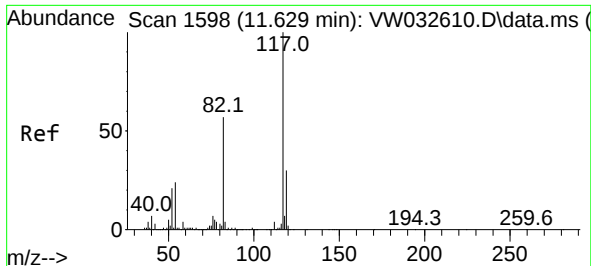
Tgt Ion:107 Resp: 19959
Ion Ratio Lower Upper
107 100
109 94.4 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 3.504 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 95 Resp: 22715
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.0
176 55.3 0.0 123.4

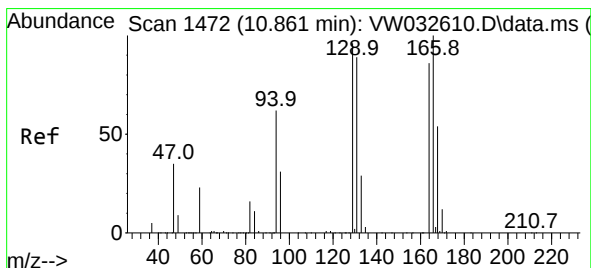
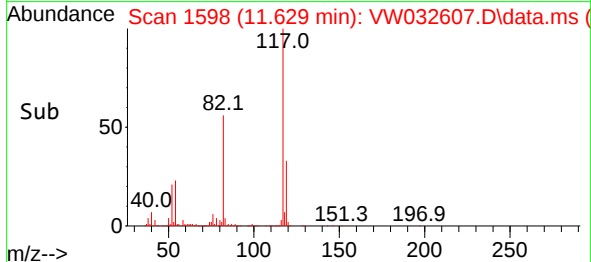
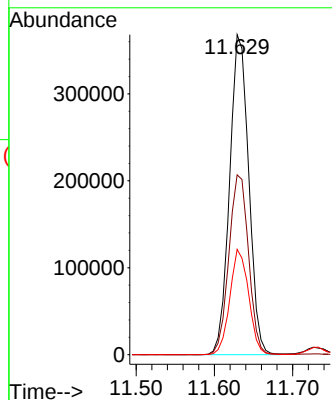
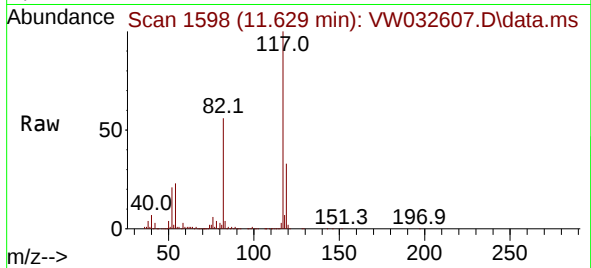




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

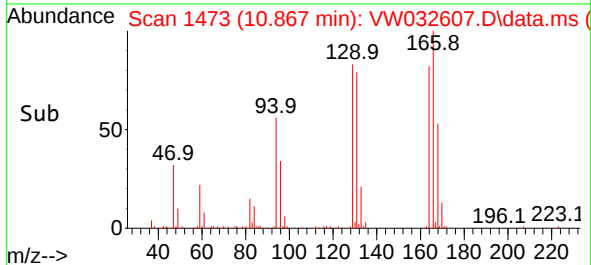
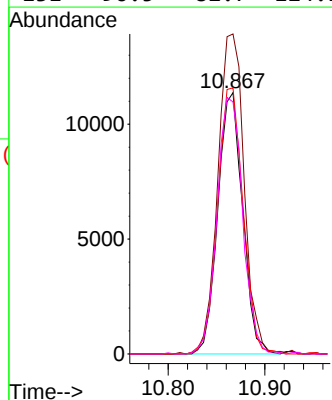
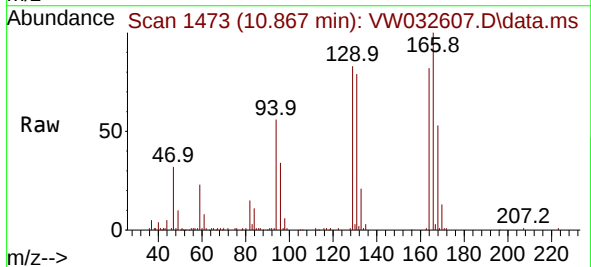
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

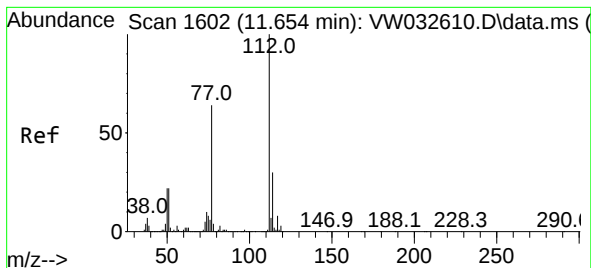
Tgt Ion:117 Resp: 623887
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 32.9 23.8 35.8



#64
Tetrachloroethene
Concen: 5.041 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:164 Resp: 20165
Ion Ratio Lower Upper
164 100
166 121.9 93.0 139.6
129 101.8 89.2 133.8
131 96.5 82.7 124.1





#65

Chlorobenzene

Concen: 5.005 ug/l

RT: 11.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

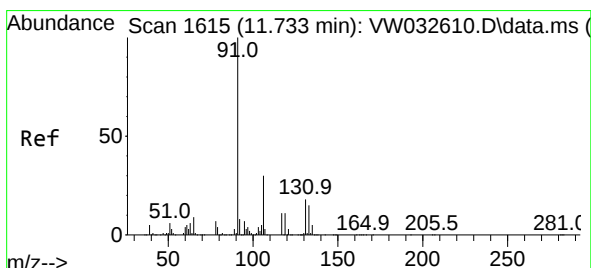
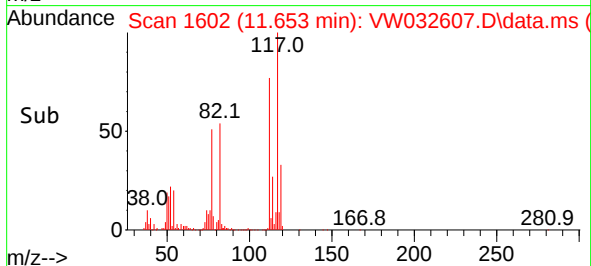
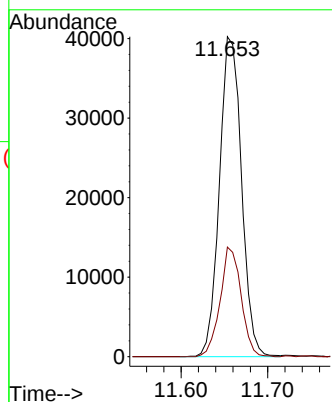
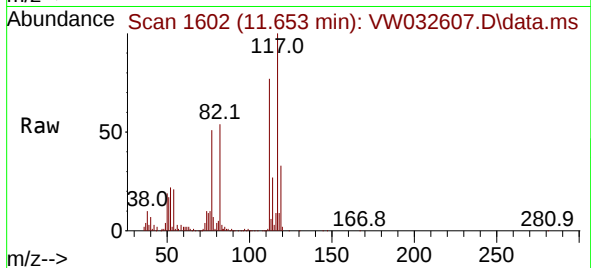
VSTDIC005

Tgt Ion:112 Resp: 71301

Ion Ratio Lower Upper

112 100

114 34.2 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 4.768 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

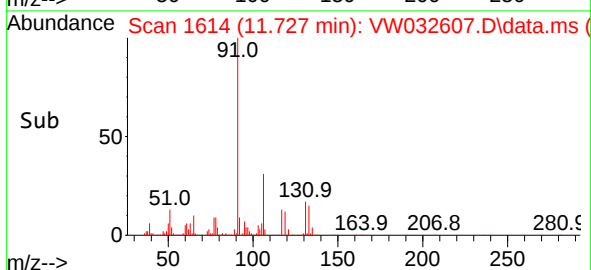
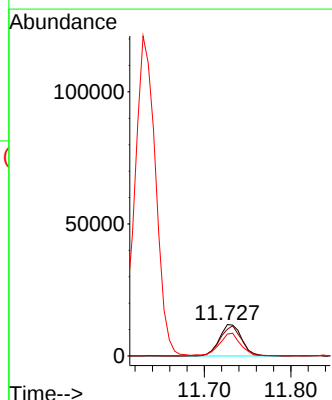
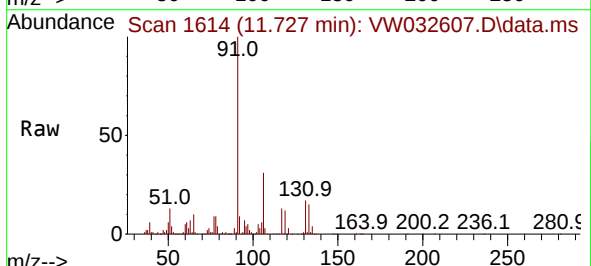
Tgt Ion:131 Resp: 21210

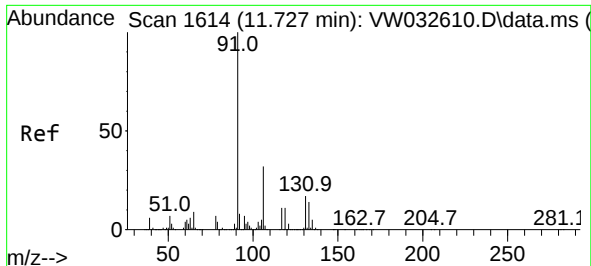
Ion Ratio Lower Upper

131 100

133 93.7 44.0 132.1

119 67.9 32.0 96.2

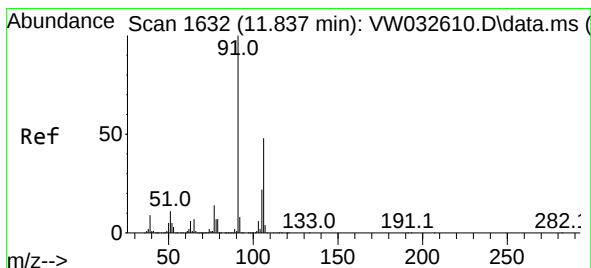
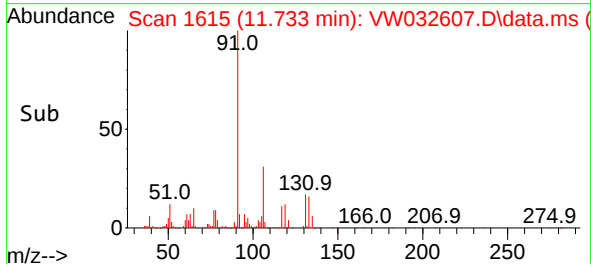
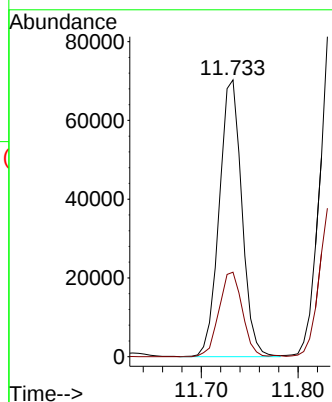
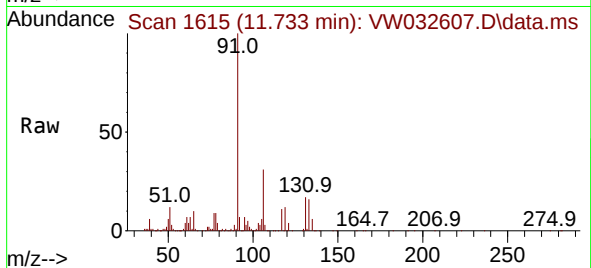




#67
Ethyl Benzene
Concen: 4.637 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

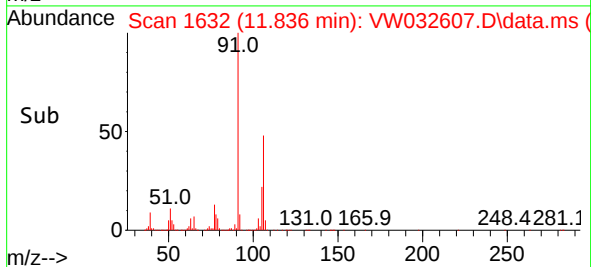
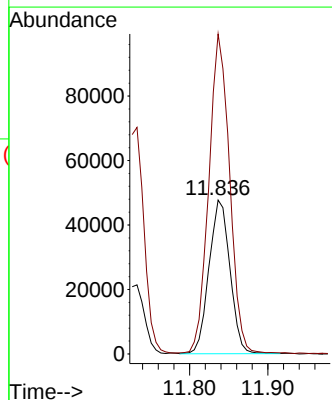
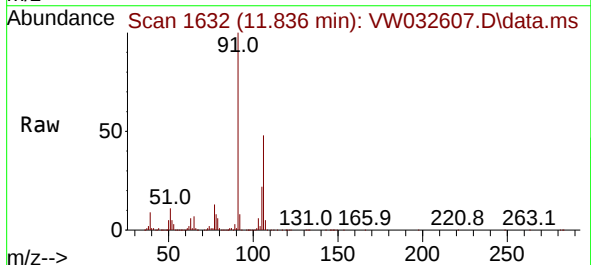
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

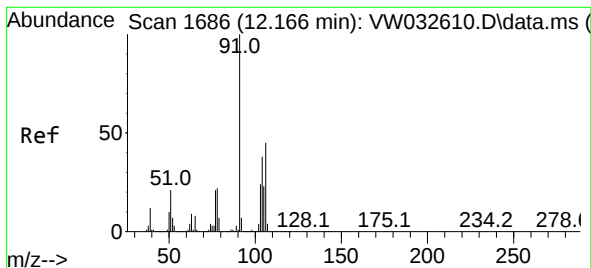
Tgt Ion: 91 Resp: 114157
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.6



#68
m/p-Xylenes
Concen: 9.378 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 106 Resp: 88606
Ion Ratio Lower Upper
106 100
91 207.1 165.6 248.4

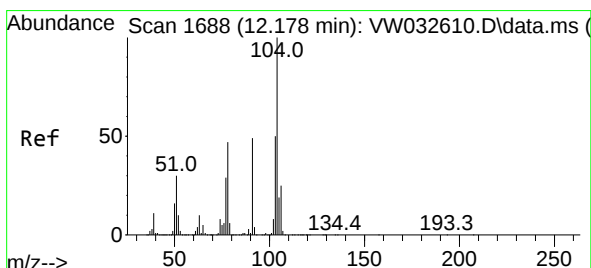
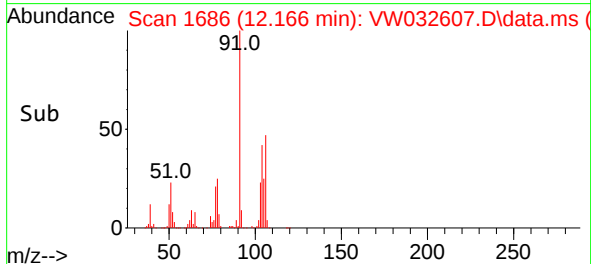
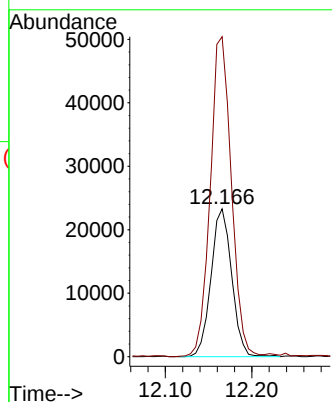
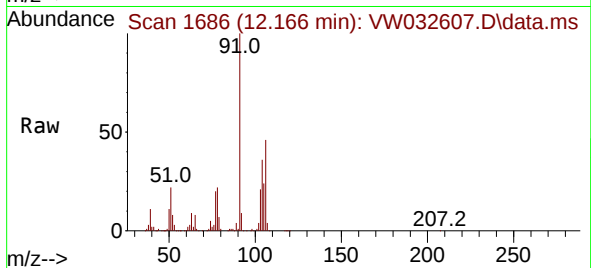




#69
o-Xylene
Concen: 4.438 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

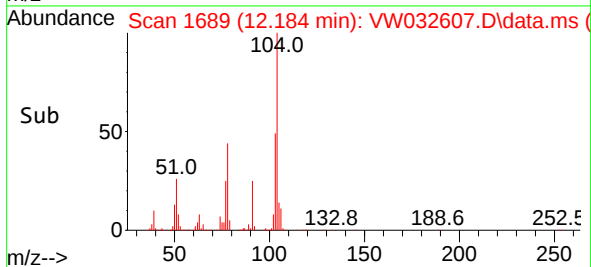
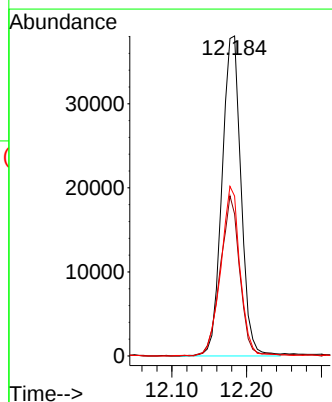
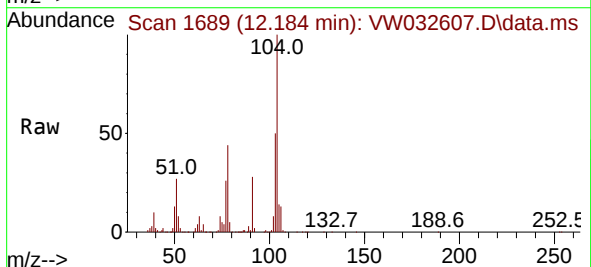
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

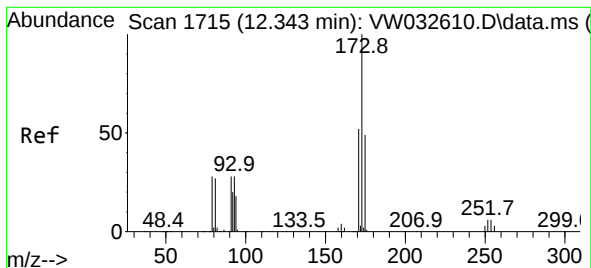
Tgt Ion:106 Resp: 38677
Ion Ratio Lower Upper
106 100
91 221.1 108.3 324.8



#70
Styrene
Concen: 4.444 ug/l
RT: 12.184 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:104 Resp: 67518
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 53.8 43.8 65.6





#71

Bromoform

Concen: 4.614 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

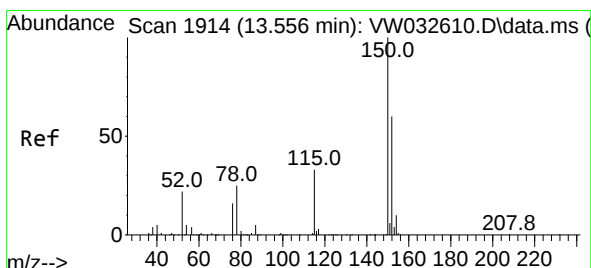
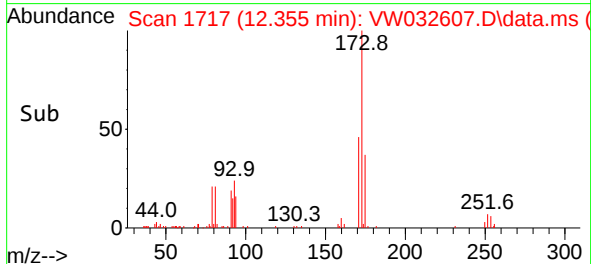
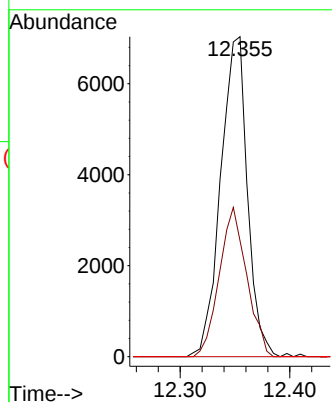
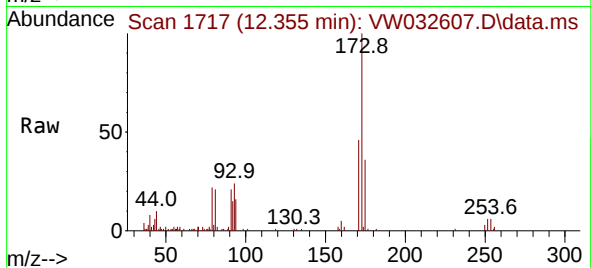
Tgt Ion:173 Resp: 11918

Ion Ratio Lower Upper

173 100

175 48.1 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: VW032607.D

Acq: 10 Dec 2025 10:28

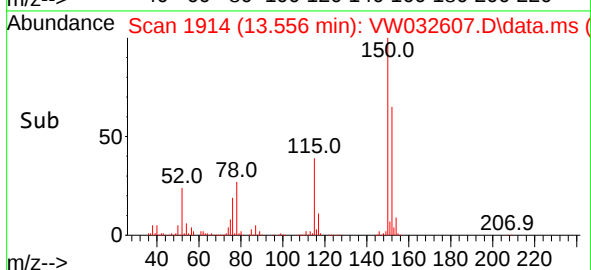
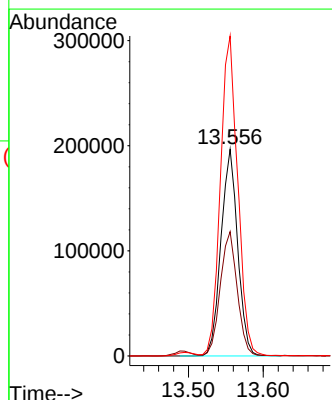
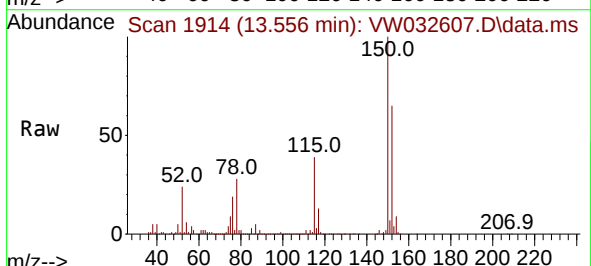
Tgt Ion:152 Resp: 305785

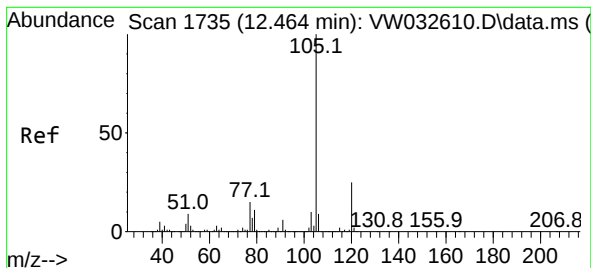
Ion Ratio Lower Upper

152 100

115 61.1 33.8 101.3

150 160.1 0.0 369.4





#73

Isopropylbenzene

Concen: 4.310 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

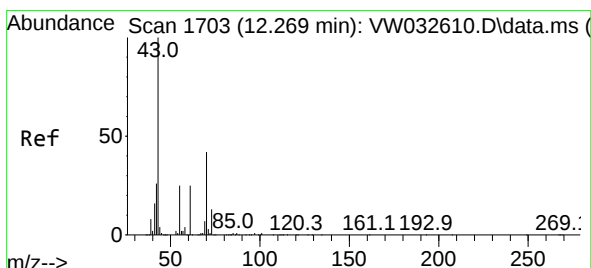
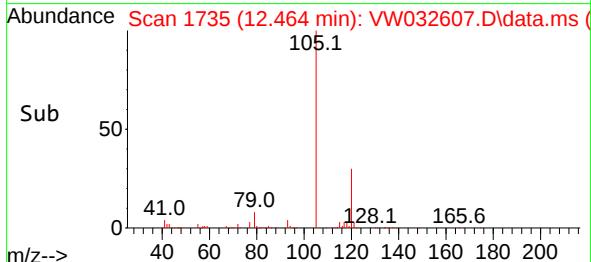
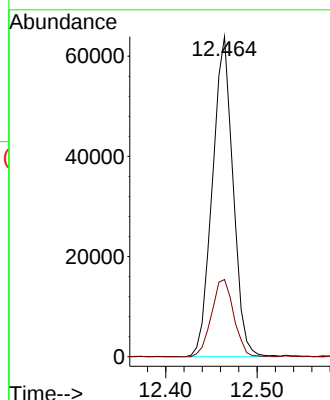
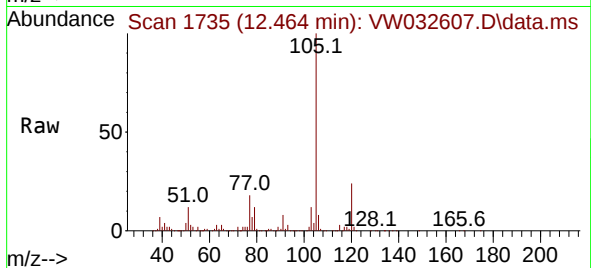
VSTDIC005

Tgt Ion:105 Resp: 100235

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 4.090 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Tgt Ion: 43 Resp: 32589

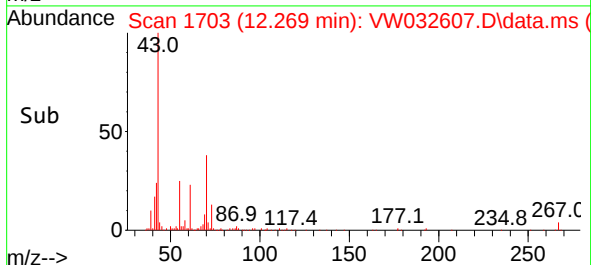
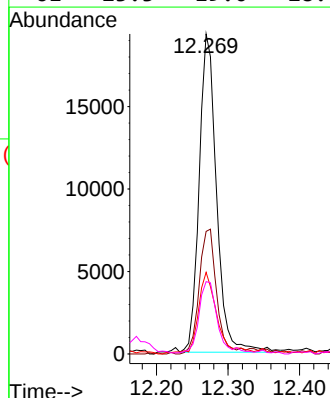
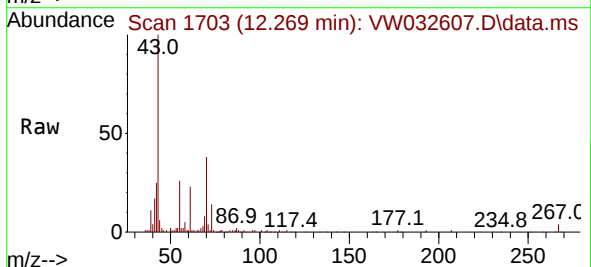
Ion Ratio Lower Upper

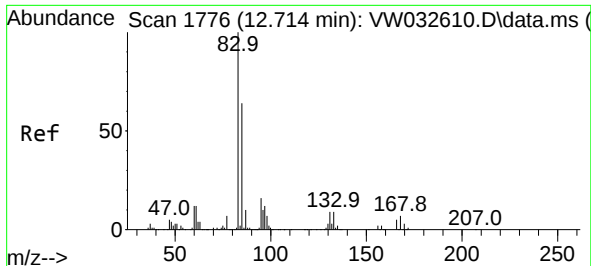
43 100

70 38.8 32.4 48.6

55 27.6 19.8 29.6

61 23.3 19.0 28.4

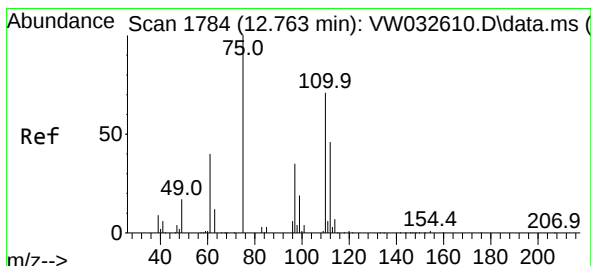
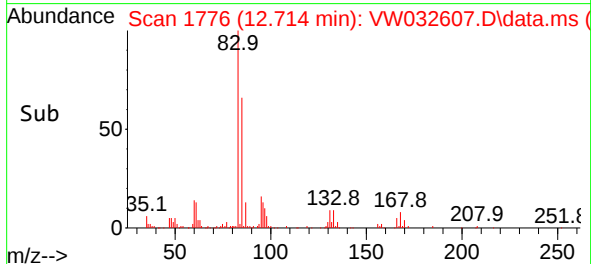
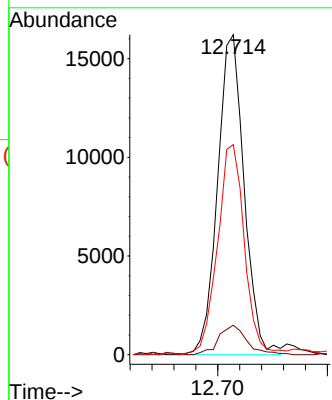
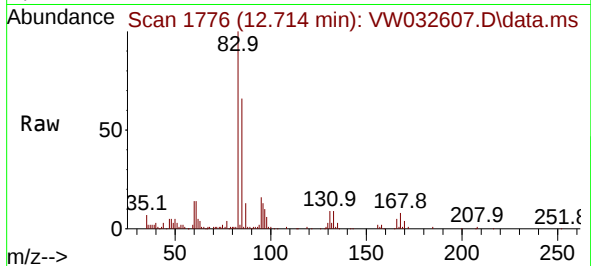




#75
1,1,2,2-Tetrachloroethane
Concen: 4.875 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

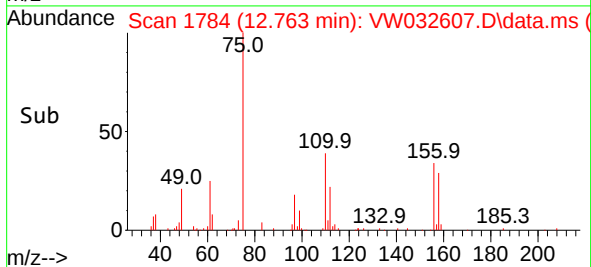
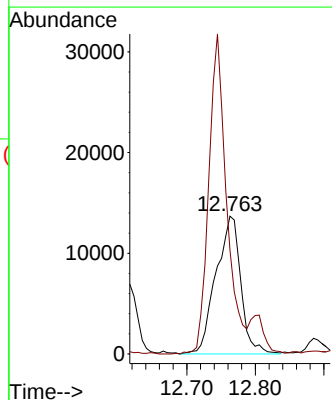
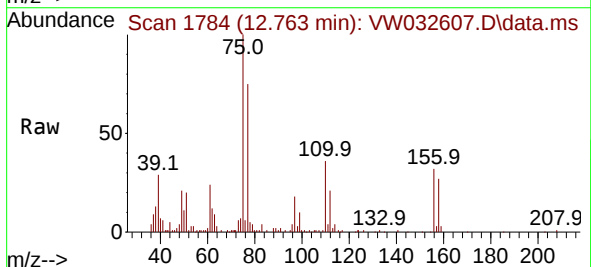
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

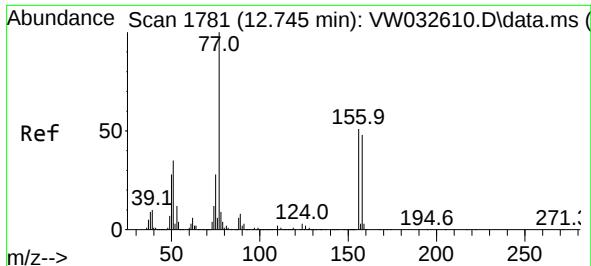
Tgt Ion: 83 Resp: 27299
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 66.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 8.432 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 75 Resp: 34393
Ion Ratio Lower Upper
75 100
77 168.0 154.0 462.0

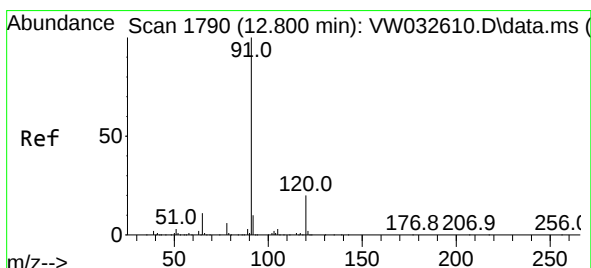
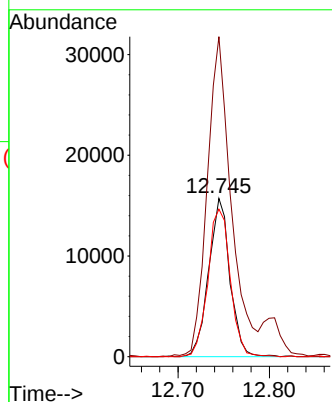
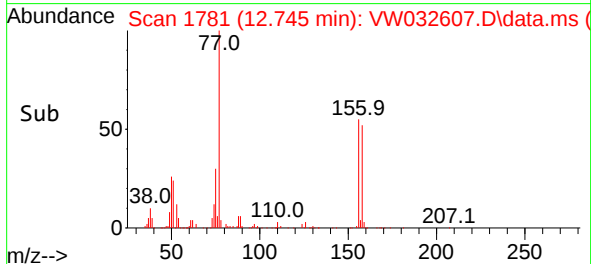
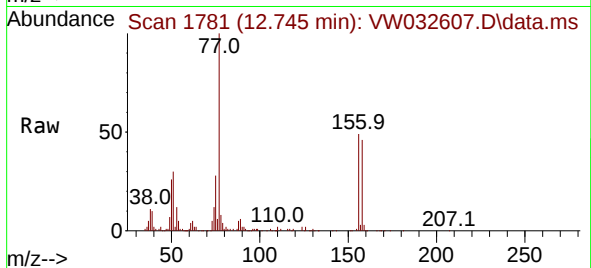




#77
Bromobenzene
Concen: 4.741 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

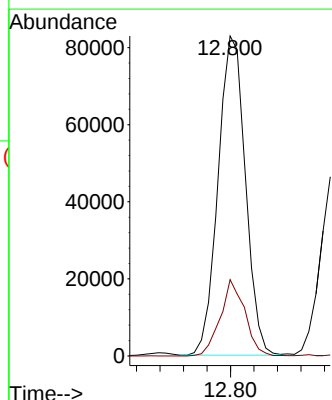
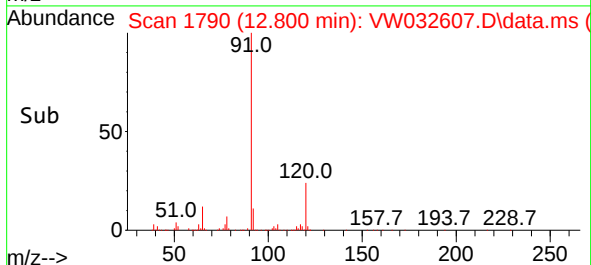
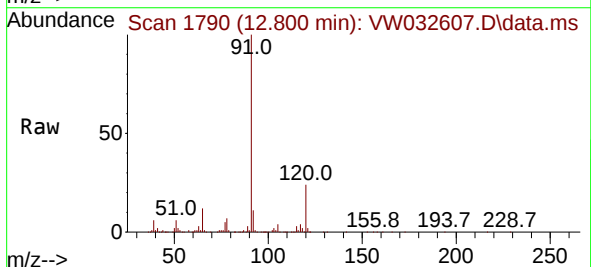
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

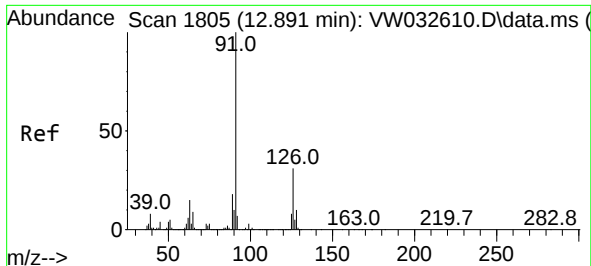
Tgt Ion:156 Resp: 25303
Ion Ratio Lower Upper
156 100
77 228.4 116.7 350.1
158 98.5 49.9 149.7



#78
n-propylbenzene
Concen: 4.503 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 91 Resp: 133793
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6





#79

2-Chlorotoluene

Concen: 4.585 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

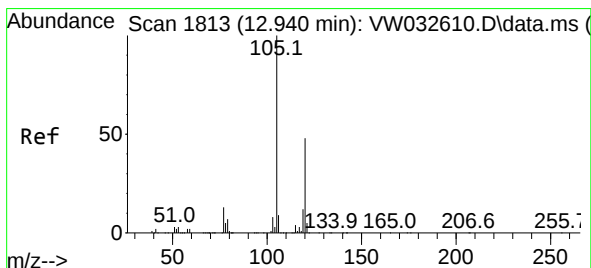
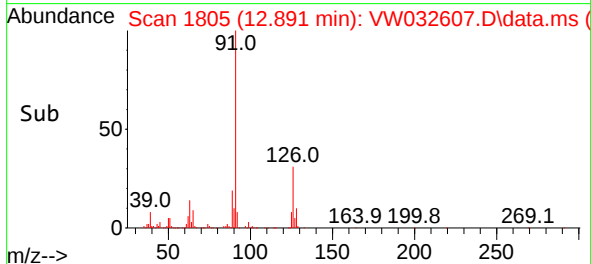
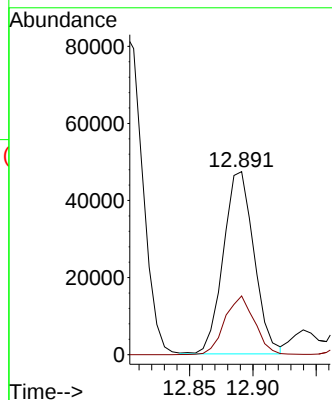
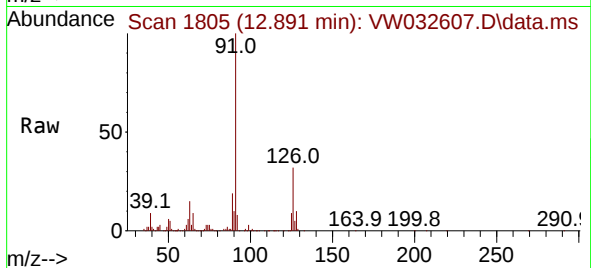
VSTDIC005

Tgt Ion: 91 Resp: 79964

Ion Ratio Lower Upper

91 100

126 31.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 4.328 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032607.D

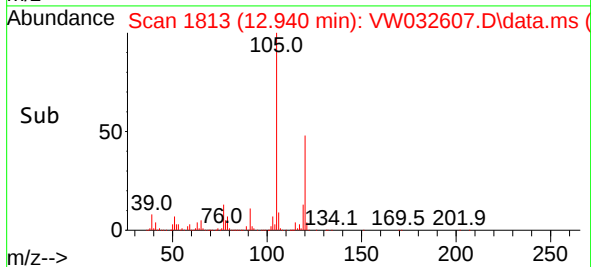
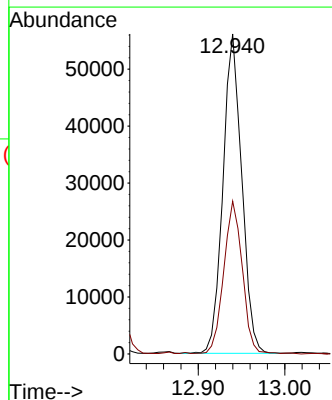
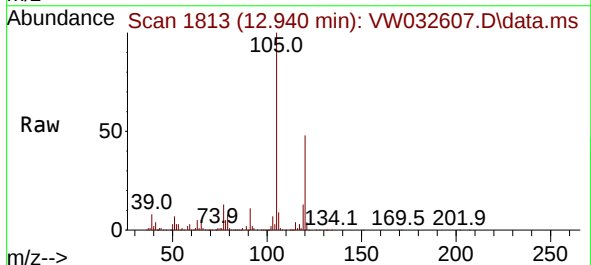
Acq: 10 Dec 2025 10:28

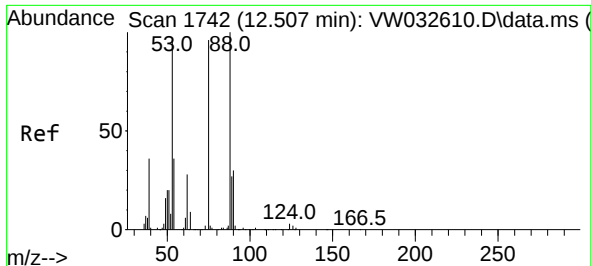
Tgt Ion: 105 Resp: 84554

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.8

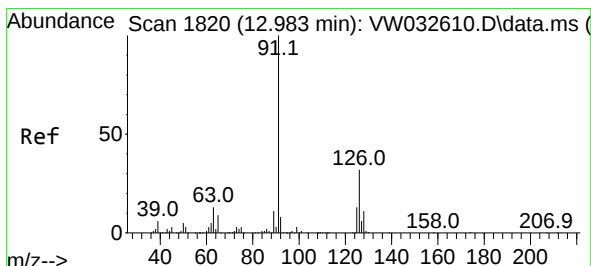
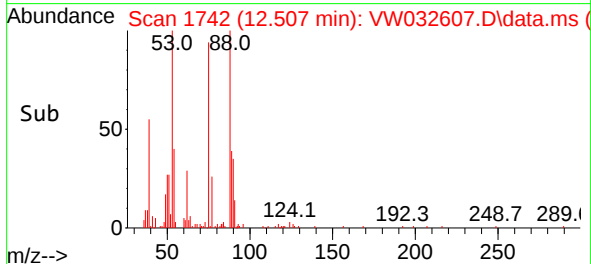
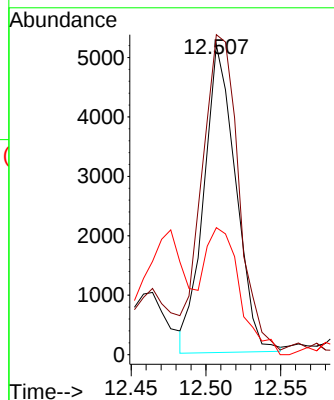
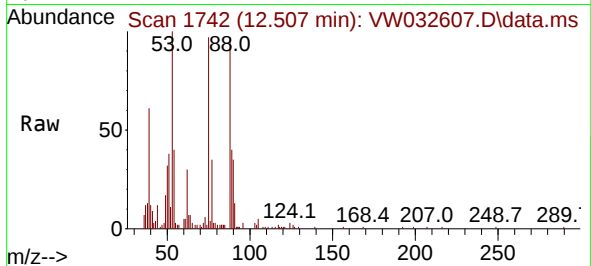




#81
trans-1,4-Dichloro-2-butene
Concen: 4.187 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

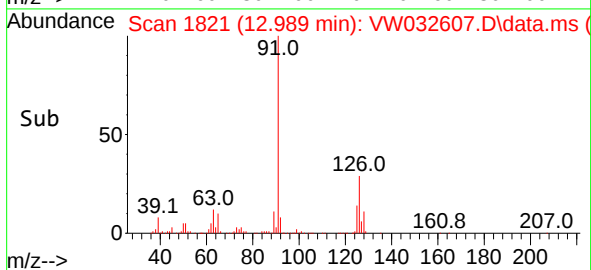
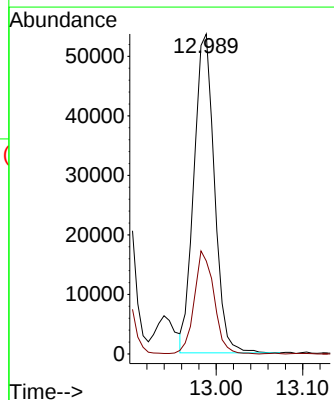
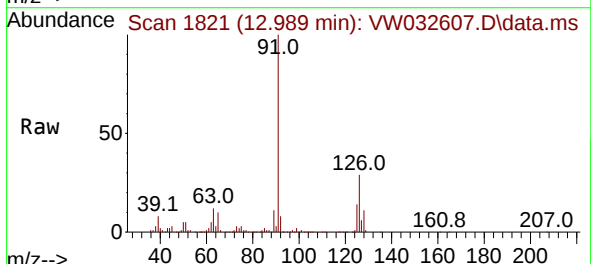
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

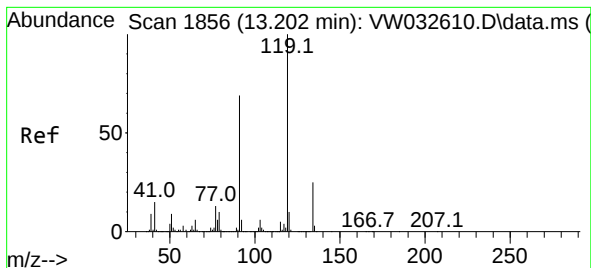
Tgt Ion: 75 Resp: 7694
Ion Ratio Lower Upper
75 100
53 117.3 86.1 129.1
89 43.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 4.749 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion: 91 Resp: 87954
Ion Ratio Lower Upper
91 100
126 31.3 15.8 47.4





#83

tert-Butylbenzene

Concen: 4.317 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

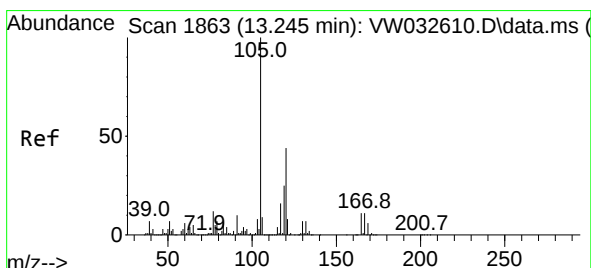
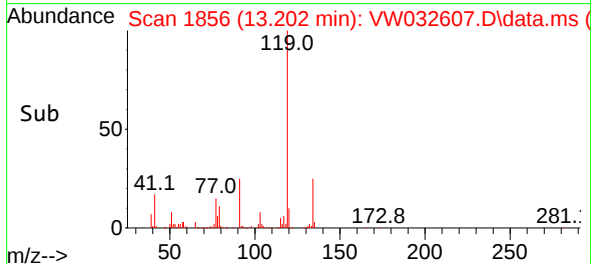
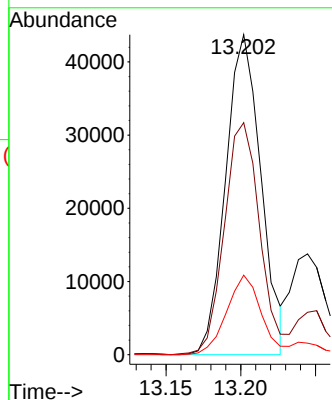
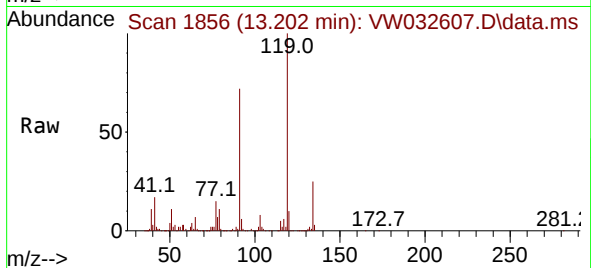
Tgt Ion:119 Resp: 71845

Ion Ratio Lower Upper

119 100

91 73.6 34.3 102.8

134 24.5 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 4.417 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032607.D

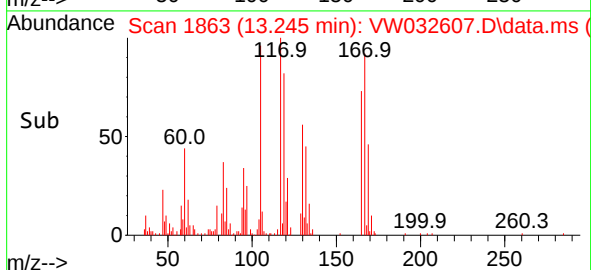
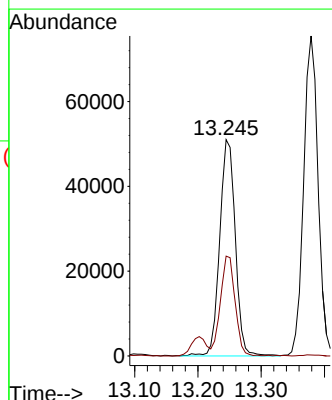
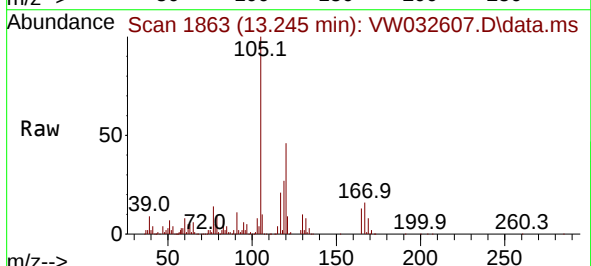
Acq: 10 Dec 2025 10:28

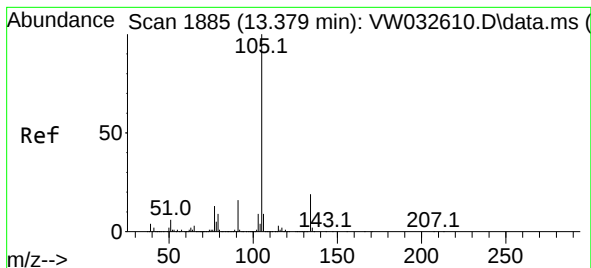
Tgt Ion:105 Resp: 87015

Ion Ratio Lower Upper

105 100

120 42.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 4.653 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

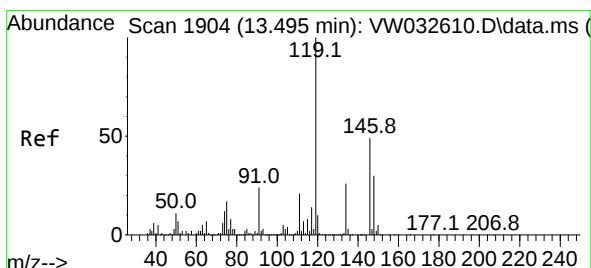
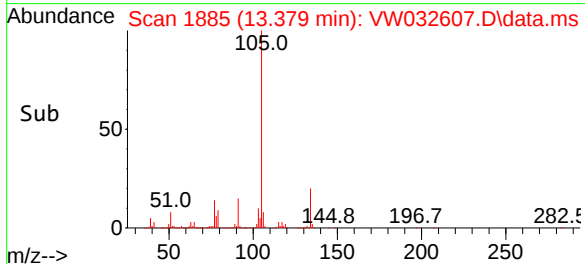
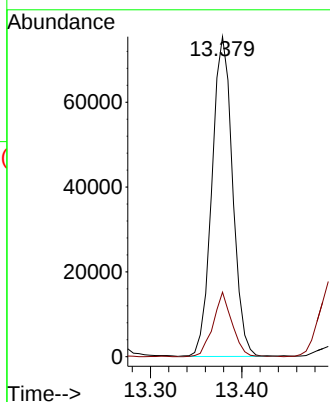
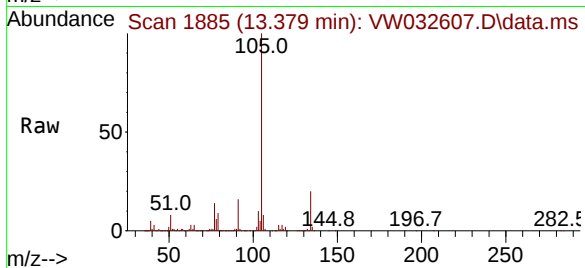
VSTDIC005

Tgt Ion:105 Resp: 118559

Ion Ratio Lower Upper

105 100

134 18.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 4.417 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

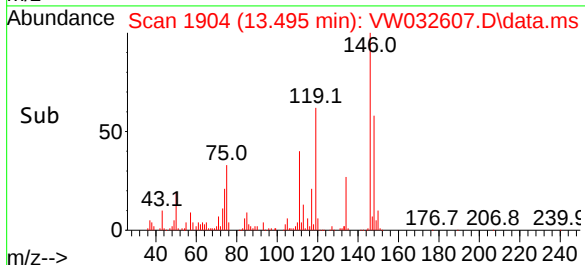
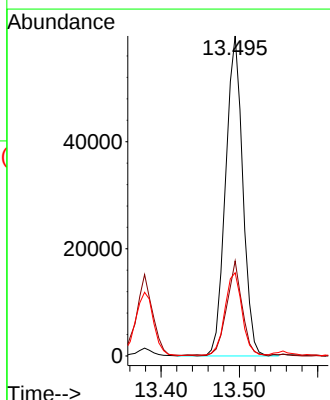
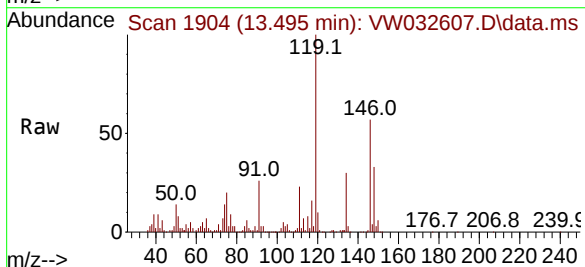
Tgt Ion:119 Resp: 91538

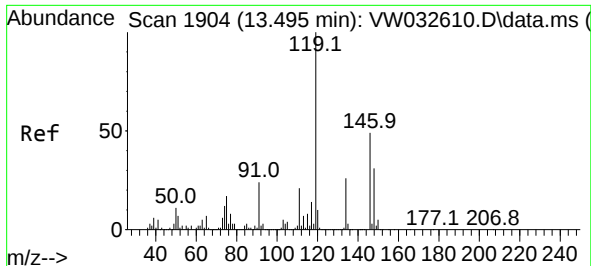
Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

91 25.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.920 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

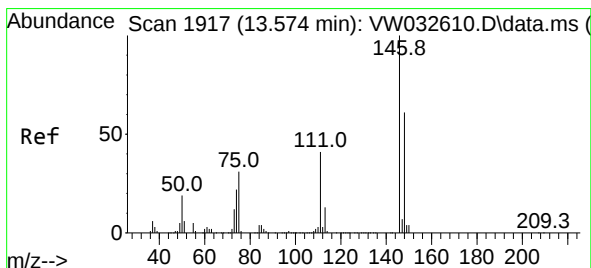
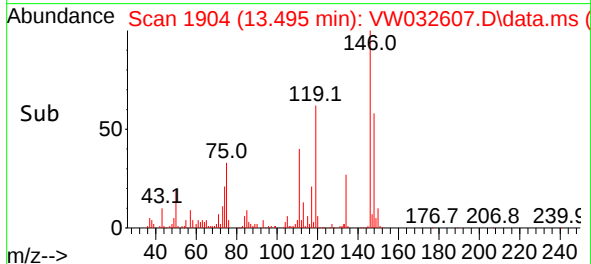
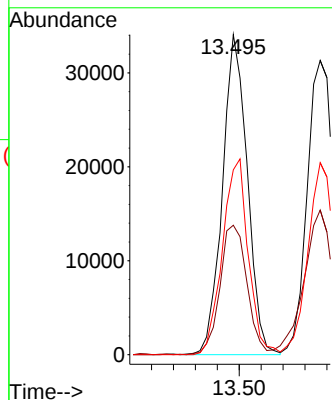
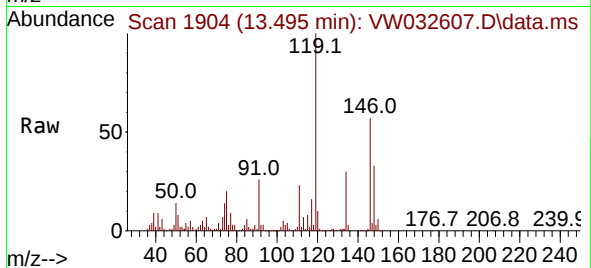
Tgt Ion:146 Resp: 53742

Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 63.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 4.901 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

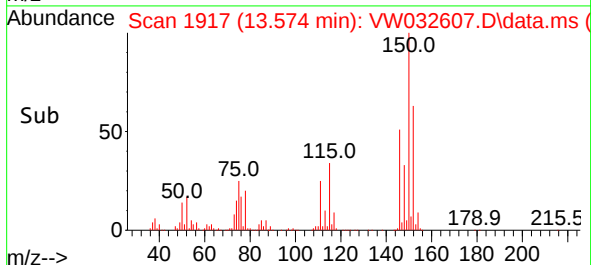
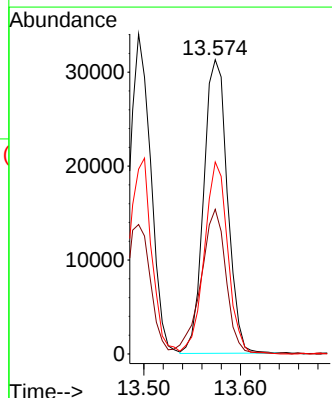
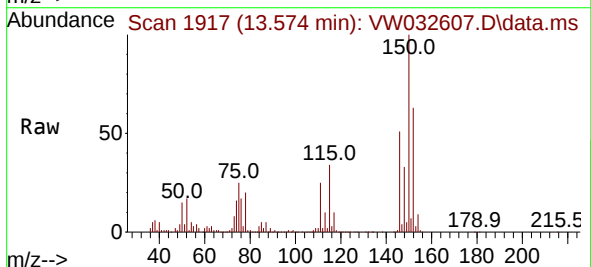
Tgt Ion:146 Resp: 53314

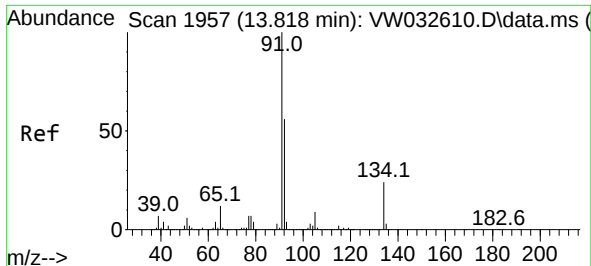
Ion Ratio Lower Upper

146 100

111 52.1 20.9 62.8

148 64.6 30.4 91.2

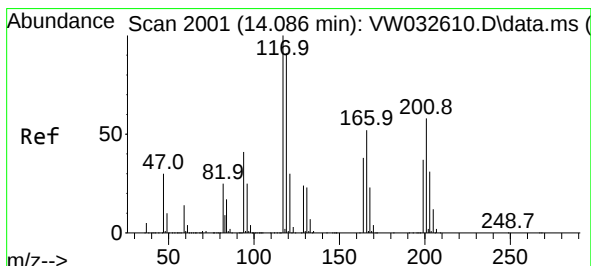
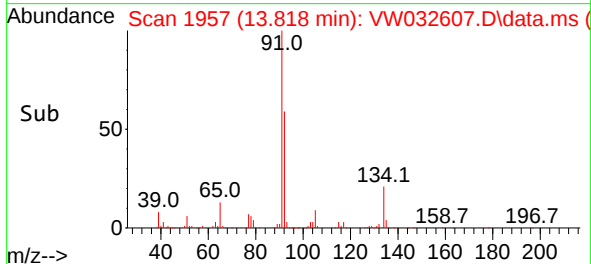
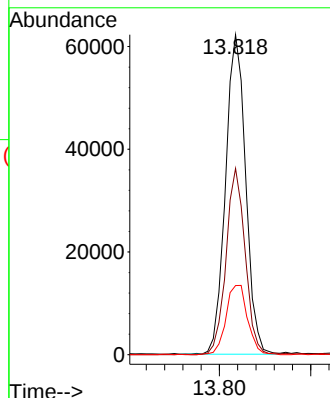
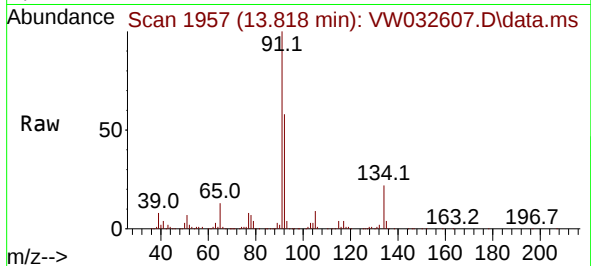




#89
n-Butylbenzene
Concen: 4.586 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

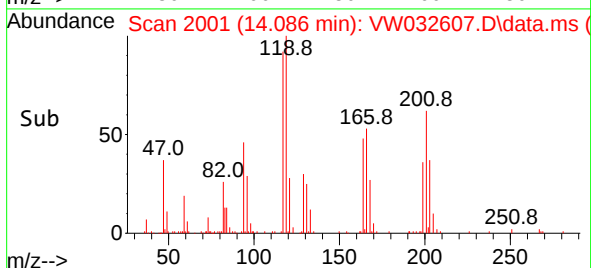
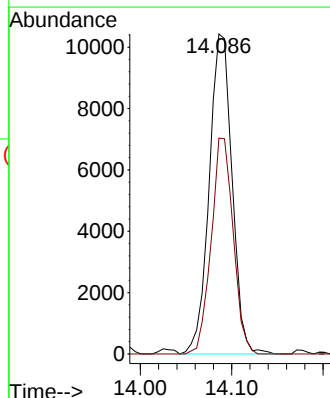
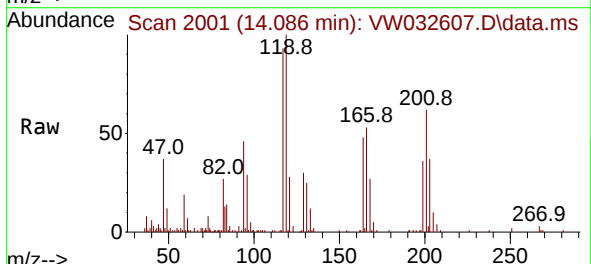
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

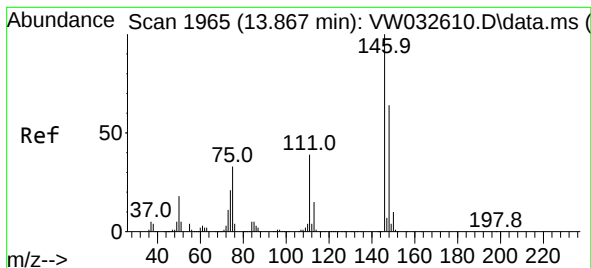
Tgt Ion:	91	Resp:	95494
Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.4	82.0
134	23.2	11.8	35.4



#90
Hexachloroethane
Concen: 4.678 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032607.D
Acq: 10 Dec 2025 10:28

Tgt Ion:	117	Resp:	18108
Ion	Ratio	Lower	Upper
117	100		
201	64.9	30.4	91.2





#91

1,2-Dichlorobenzene

Concen: 4.891 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC005

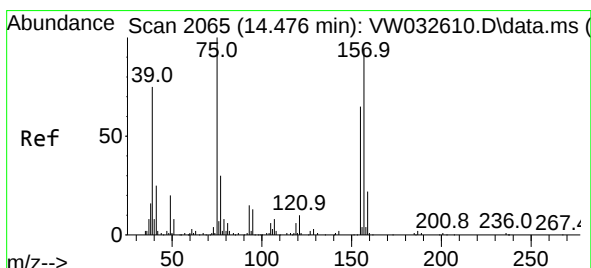
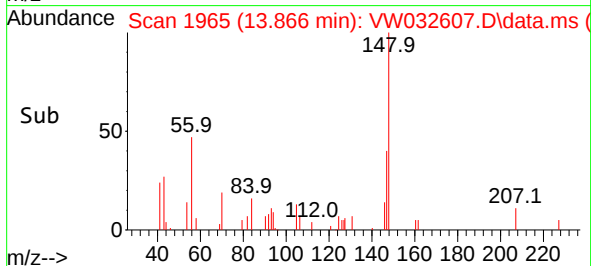
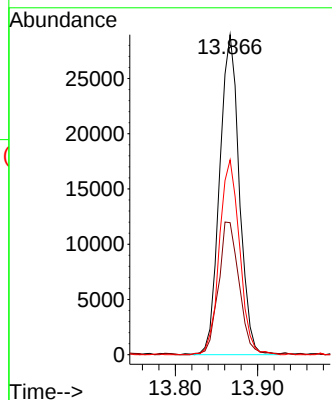
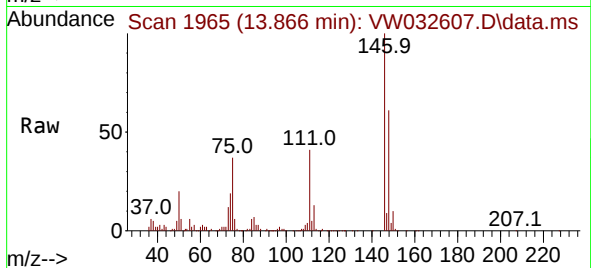
Tgt Ion:146 Resp: 48229

Ion Ratio Lower Upper

146 100

111 43.9 21.5 64.5

148 62.5 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.285 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

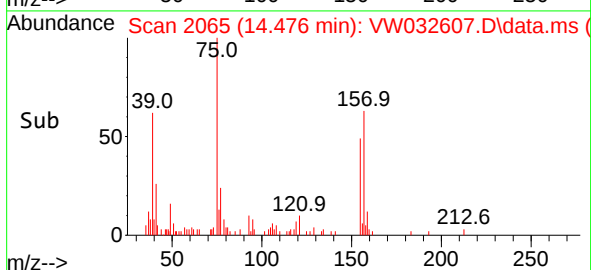
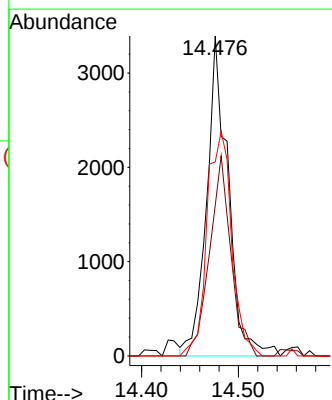
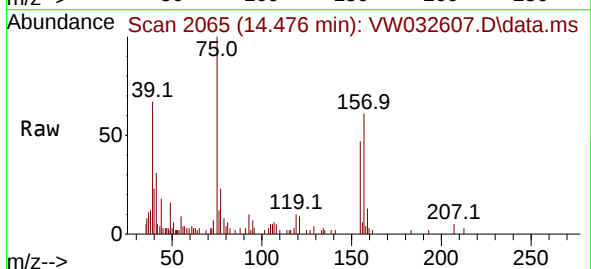
Tgt Ion: 75 Resp: 5256

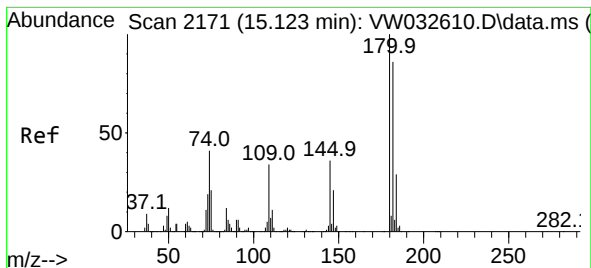
Ion Ratio Lower Upper

75 100

155 61.8 35.3 105.9

157 80.4 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 4.689 ug/l

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

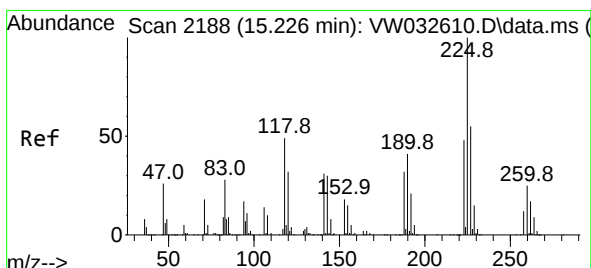
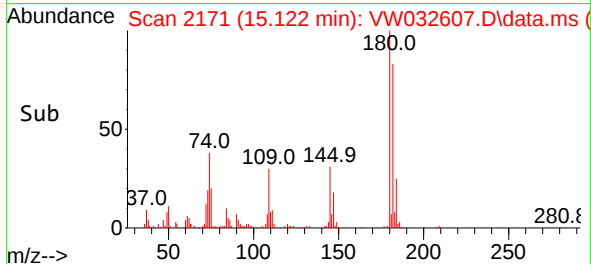
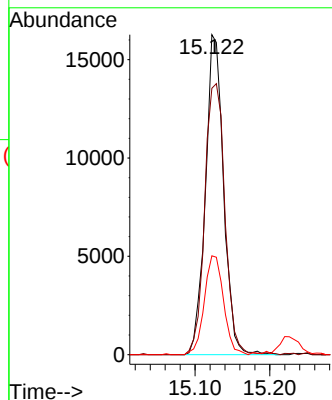
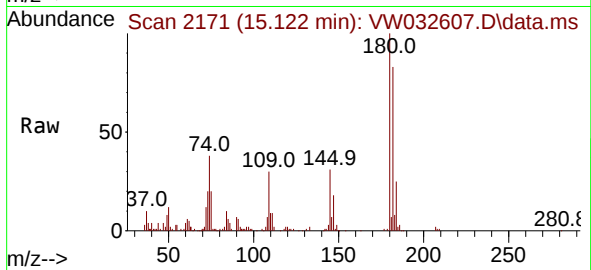
Tgt Ion:180 Resp: 27463

Ion Ratio Lower Upper

180 100

182 94.1 46.9 140.6

145 32.7 17.1 51.3



#94

Hexachlorobutadiene

Concen: 5.362 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

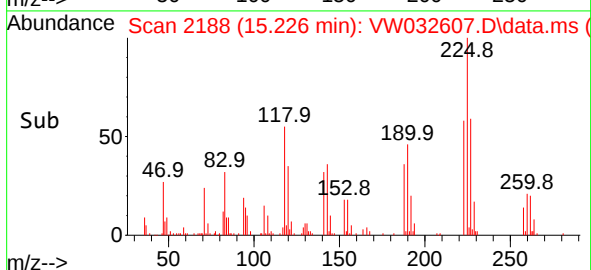
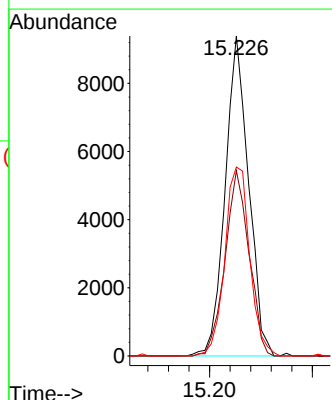
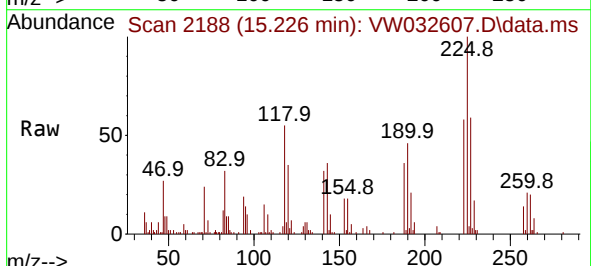
Tgt Ion:225 Resp: 14843

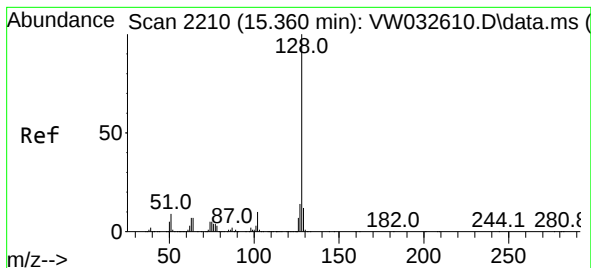
Ion Ratio Lower Upper

225 100

223 59.3 30.3 90.8

227 62.9 29.1 87.4





#95

Naphthalene

Concen: 3.941 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

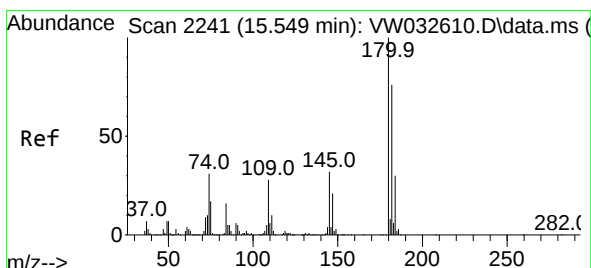
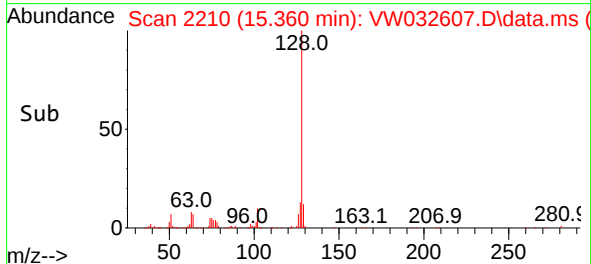
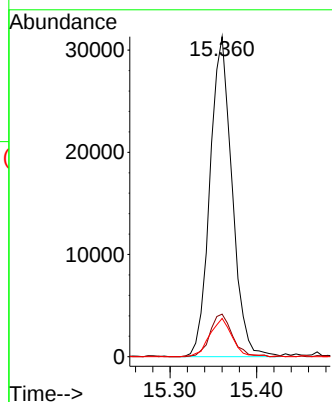
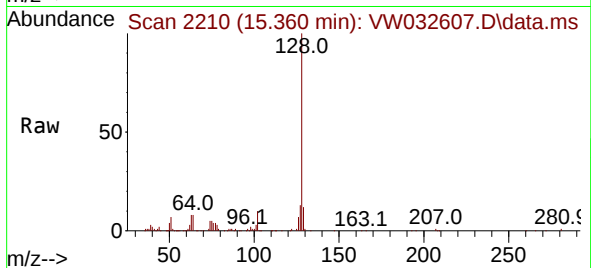
Tgt Ion:128 Resp: 55541

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 12.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 4.684 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032607.D

Acq: 10 Dec 2025 10:28

Tgt Ion:180 Resp: 25928

Ion Ratio Lower Upper

180 100

182 94.5 45.9 137.6

145 37.6 17.0 51.0

