

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032643.D
 Acq On : 12 Dec 2025 10:13
 Operator : SY/MD
 Sample : VW1212SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

Quant Time: Dec 13 00:05:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	393232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	683175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	610034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	299289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	255186	41.870	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	83.740%
35) Dibromofluoromethane	7.892	113	202843	42.209	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	84.420%
50) Toluene-d8	10.324	98	797346	45.477	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	90.960%
62) 4-Bromofluorobenzene	12.617	95	284882	44.256	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	48112	19.703	ug/l	98
3) Chloromethane	2.253	50	78936	18.325	ug/l	98
4) Vinyl Chloride	2.399	62	104523	20.335	ug/l	98
5) Bromomethane	2.820	94	67065	19.590	ug/l	99
6) Chloroethane	2.960	64	64146	19.341	ug/l	92
7) Trichlorofluoromethane	3.307	101	80069	17.793	ug/l	94
8) Diethyl Ether	3.716	74	54458	18.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	88114	19.554	ug/l	96
10) Methyl Iodide	4.301	142	122489	19.520	ug/l	100
11) Tert butyl alcohol	5.222	59	32658	79.972	ug/l #	84
12) 1,1-Dichloroethene	4.076	96	95802	20.069	ug/l	96
13) Acrolein	3.929	56	68887	100.211	ug/l	100
14) Allyl chloride	4.704	41	161387	18.186	ug/l	99
15) Acrylonitrile	5.399	53	146844	87.208	ug/l	99
16) Acetone	4.167	43	176268	85.563	ug/l	99
17) Carbon Disulfide	4.417	76	265010	19.102	ug/l	99
18) Methyl Acetate	4.704	43	66695	16.596	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	173358	18.291	ug/l	94
20) Methylene Chloride	4.947	84	116970	18.598	ug/l	98
21) trans-1,2-Dichloroethene	5.453	96	98208	18.837	ug/l	94
22) Diisopropyl ether	6.331	45	333209	18.544	ug/l	96
23) Vinyl Acetate	6.283	43	1087676	89.523	ug/l	99
24) 1,1-Dichloroethane	6.240	63	190122	18.501	ug/l	98
25) 2-Butanone	7.191	43	206202	85.185	ug/l	97
26) 2,2-Dichloropropane	7.185	77	107415	18.616	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	110980	18.231	ug/l	99
28) Bromochloromethane	7.526	49	86264	21.131	ug/l	99
29) Tetrahydrofuran	7.551	42	124655	85.778	ug/l	99
30) Chloroform	7.691	83	191515	18.894	ug/l	97
31) Cyclohexane	7.971	56	176351	18.619	ug/l	93
32) 1,1,1-Trichloroethane	7.886	97	142138	19.070	ug/l	98
36) 1,1-Dichloropropene	8.093	75	137557	19.557	ug/l	99
37) Ethyl Acetate	7.270	43	89204	18.515	ug/l	99
38) Carbon Tetrachloride	8.081	117	127439	19.589	ug/l	96
39) Methylcyclohexane	9.343	83	168223	19.018	ug/l	95
40) Benzene	8.331	78	408817	19.159	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032643.D
 Acq On : 12 Dec 2025 10:13
 Operator : SY/MD
 Sample : VW1212SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

Quant Time: Dec 13 00:05:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	48929	19.001	ug/l	95
42) 1,2-Dichloroethane	8.410	62	131627	19.375	ug/l	100
43) Isopropyl Acetate	8.435	43	150006	17.557	ug/l	99
44) Trichloroethene	9.099	130	92890	19.066	ug/l	94
45) 1,2-Dichloropropane	9.373	63	105134	19.472	ug/l	97
46) Dibromomethane	9.465	93	60936	19.263	ug/l	99
47) Bromodichloromethane	9.648	83	141804	19.271	ug/l	98
48) Methyl methacrylate	9.441	41	75353	18.685	ug/l	94
49) 1,4-Dioxane	9.471	88	14846	349.835	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	449249	94.307	ug/l	98
52) Toluene	10.392	92	253953	19.344	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	131223	18.086	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	159626	19.079	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	81189	19.129	ug/l	97
56) Ethyl methacrylate	10.648	69	108155	17.651	ug/l	99
57) 1,3-Dichloropropane	10.934	76	146009	19.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	240426	145.040	ug/l	99
59) 2-Hexanone	10.965	43	320921	93.017	ug/l	98
60) Dibromochloromethane	11.129	129	90564	19.157	ug/l	96
61) 1,2-Dibromoethane	11.233	107	76259	18.581	ug/l	95
64) Tetrachloroethene	10.861	164	74373	19.015	ug/l	93
65) Chlorobenzene	11.654	112	276925	19.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	81990	18.848	ug/l	89
67) Ethyl Benzene	11.727	91	466543	19.380	ug/l	96
68) m/p-Xylenes	11.836	106	362601	39.247	ug/l	97
69) o-Xylene	12.166	106	164870	19.349	ug/l	100
70) Styrene	12.178	104	296157	19.937	ug/l	98
71) Bromoform	12.349	173	46528	18.421	ug/l #	99
73) Isopropylbenzene	12.464	105	425551	18.694	ug/l	98
74) N-amyl acetate	12.269	43	136900	17.553	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	101533	18.527	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	128397	31.970	ug/l	33
77) Bromobenzene	12.745	156	99425	19.034	ug/l	95
78) n-propylbenzene	12.800	91	554567	19.072	ug/l	99
79) 2-Chlorotoluene	12.891	91	315891	18.507	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	362925	18.981	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	31691	22.271	ug/l	93
82) 4-Chlorotoluene	12.983	91	344494	19.004	ug/l	98
83) tert-Butylbenzene	13.202	119	300957	18.477	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	374641	19.428	ug/l	98
85) sec-Butylbenzene	13.379	105	472764	18.957	ug/l	100
86) p-Isopropyltoluene	13.495	119	373458	18.412	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	201612	18.857	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	200467	18.829	ug/l	97
89) n-Butylbenzene	13.818	91	376187	18.459	ug/l	99
90) Hexachloroethane	14.092	117	68763	18.150	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	178115	18.456	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16523	16.975	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	97767	17.056	ug/l	99
94) Hexachlorobutadiene	15.226	225	49989	18.449	ug/l	98
95) Naphthalene	15.360	128	220994	21.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	93446	17.247	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
Data File : VW032643.D
Acq On : 12 Dec 2025 10:13
Operator : SY/MD
Sample : VW1212SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

Quant Time: Dec 13 00:05:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

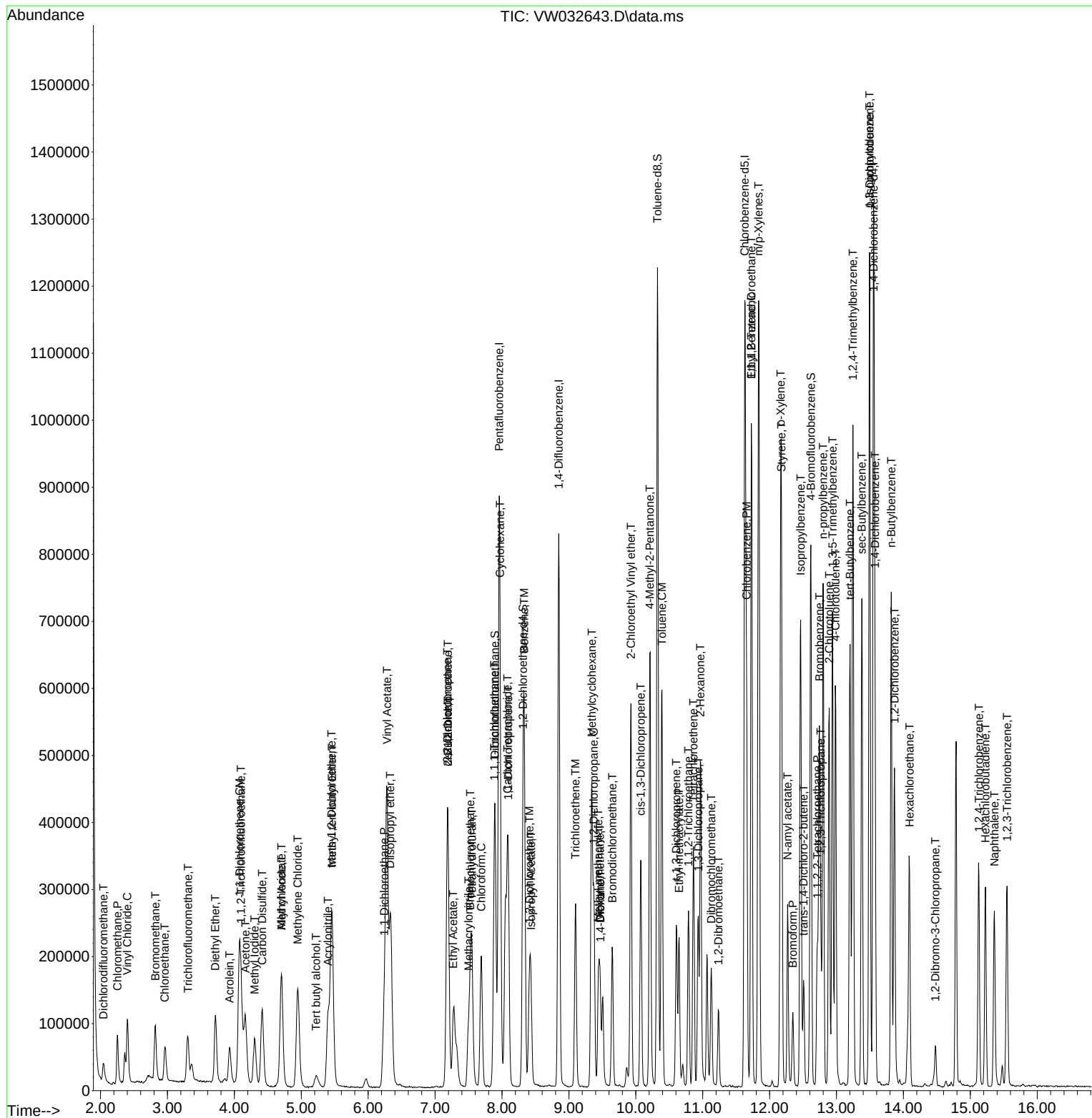
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

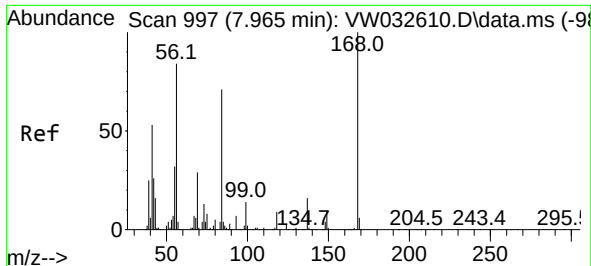
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032643.D
 Acq On : 12 Dec 2025 10:13
 Operator : SY/MD
 Sample : VW1212SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

Quant Time: Dec 13 00:05:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

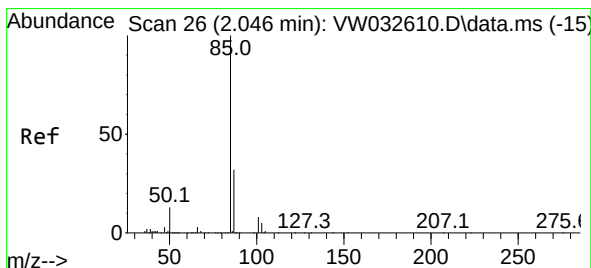
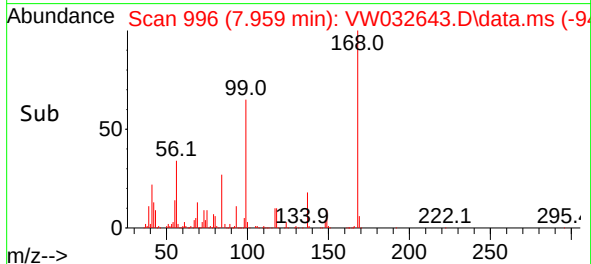
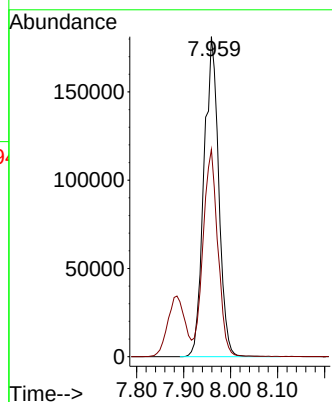
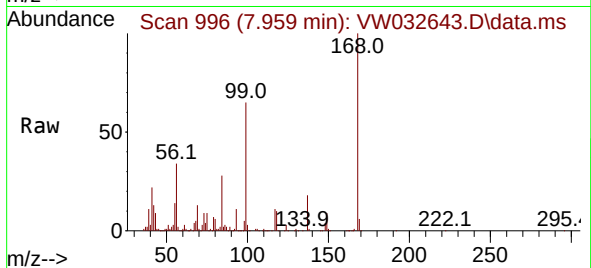




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

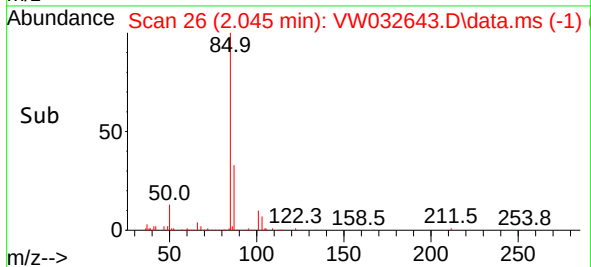
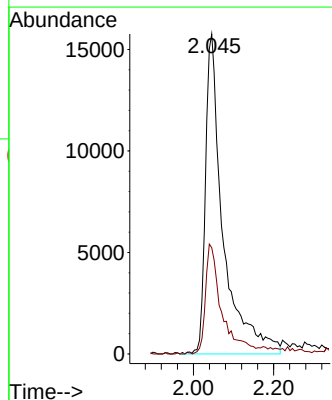
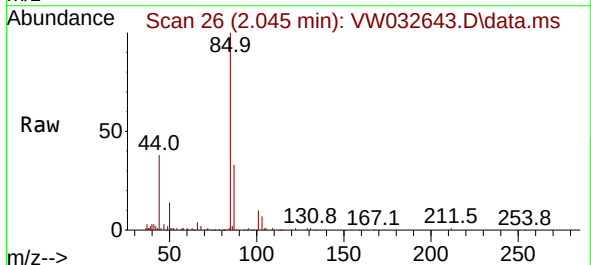
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

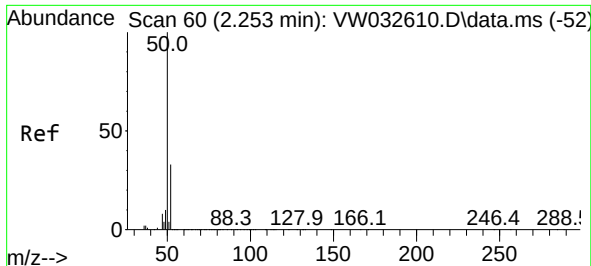
Tgt Ion:168 Resp: 393232
Ion Ratio Lower Upper
168 100
99 64.7 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 19.703 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 85 Resp: 48112
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.3

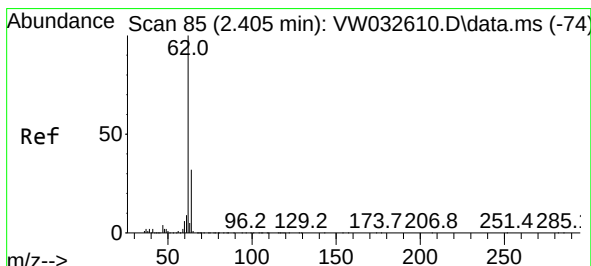
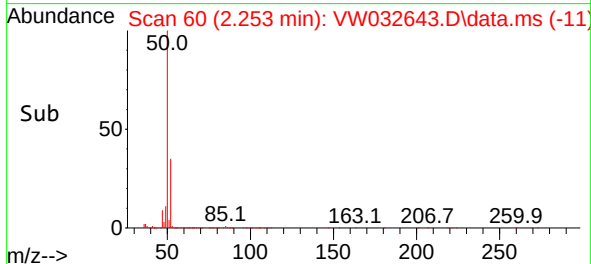
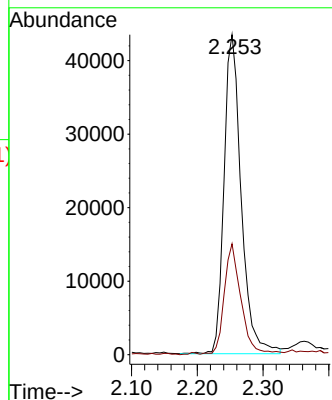
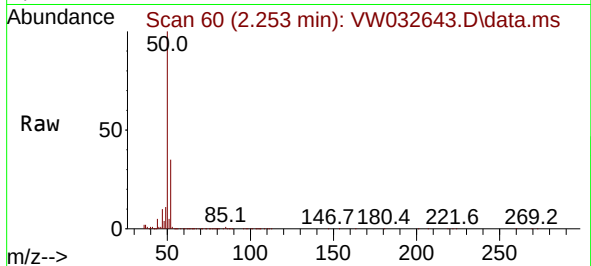




#3
Chloromethane
Concen: 18.325 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

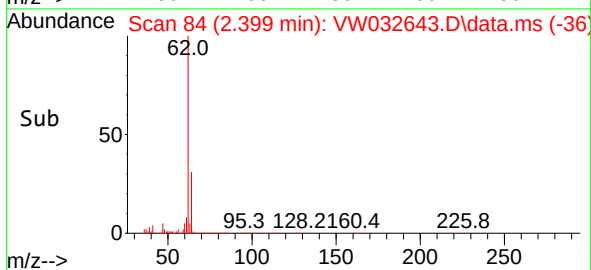
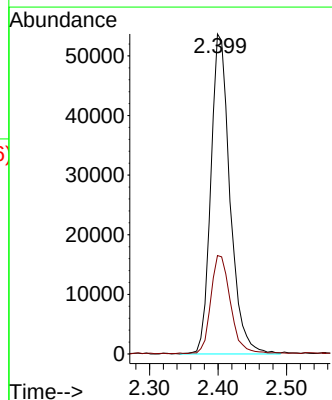
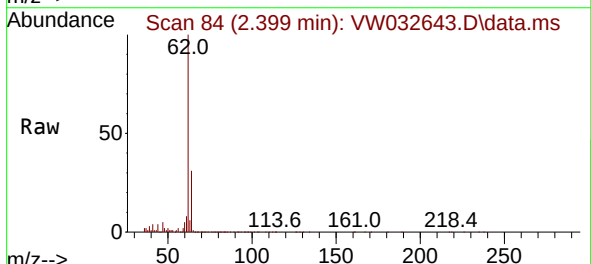
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

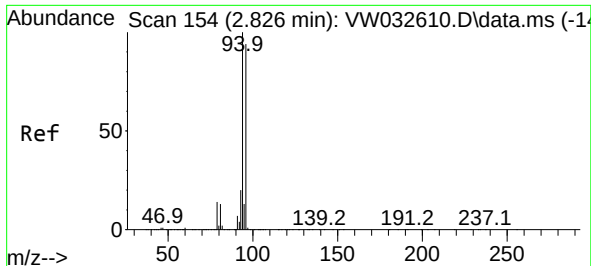
Tgt Ion: 50 Resp: 78936
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0



#4
Vinyl Chloride
Concen: 20.335 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 62 Resp: 104523
Ion Ratio Lower Upper
62 100
64 30.5 25.3 37.9

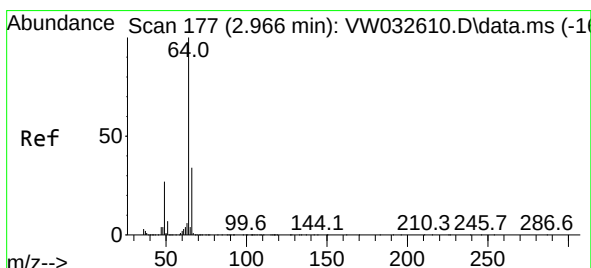
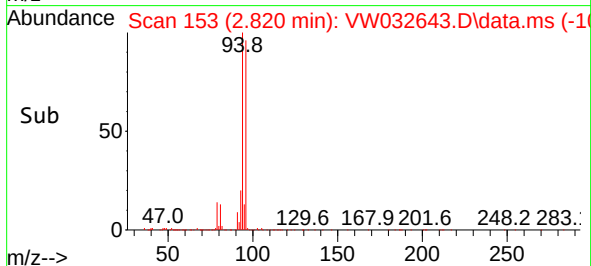
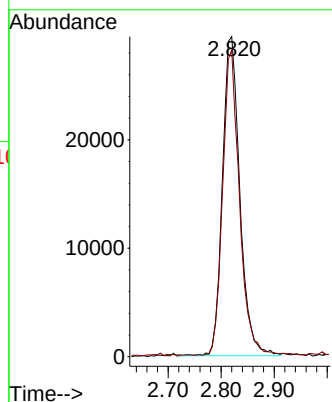
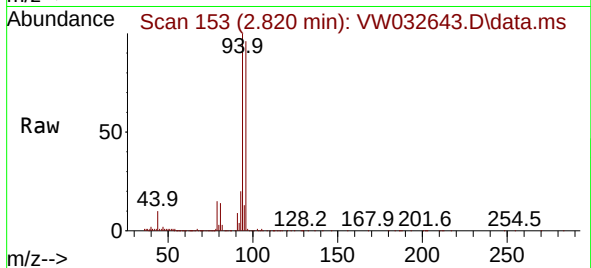




#5
Bromomethane
Concen: 19.590 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

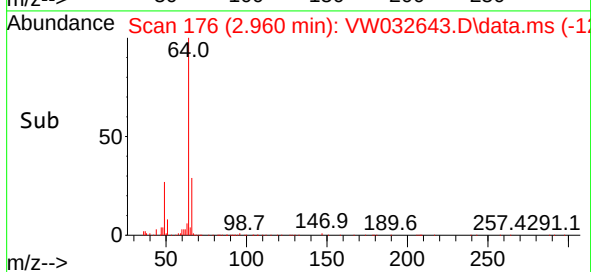
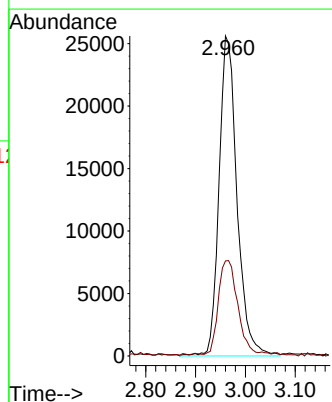
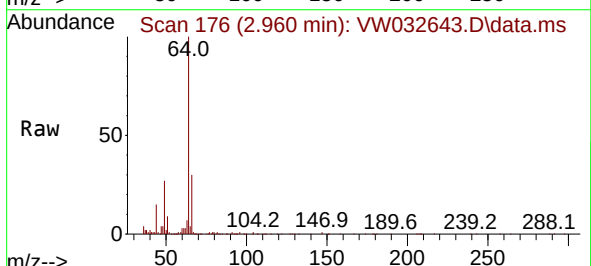
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

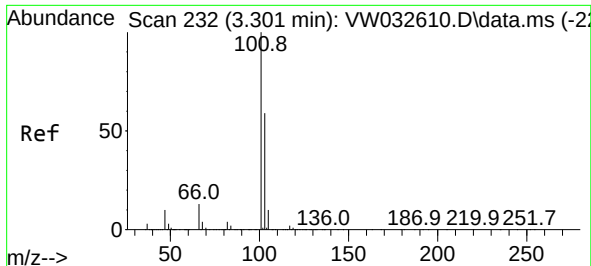
Tgt Ion: 94 Resp: 67065
Ion Ratio Lower Upper
94 100
96 95.5 75.4 113.2



#6
Chloroethane
Concen: 19.341 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 64 Resp: 64146
Ion Ratio Lower Upper
64 100
66 29.6 27.3 40.9

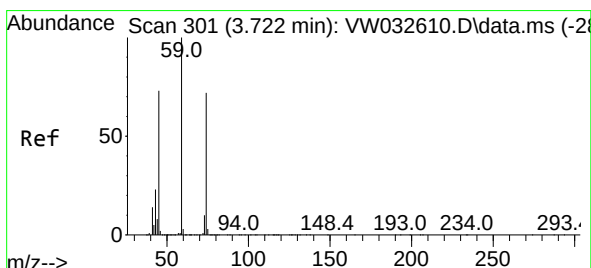
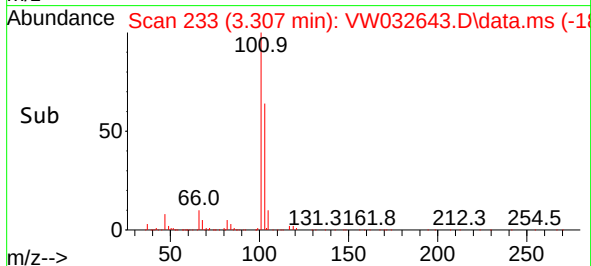
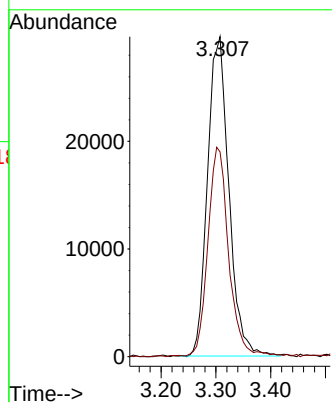
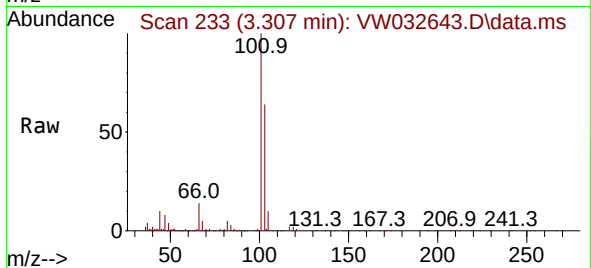




#7
Trichlorofluoromethane
Concen: 17.793 ug/l
RT: 3.307 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

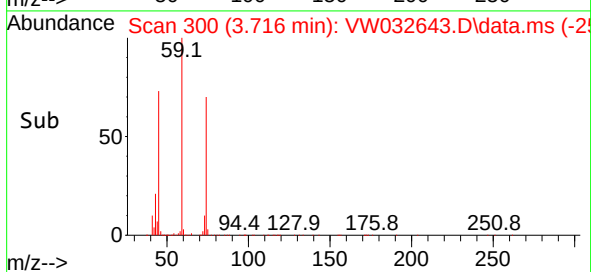
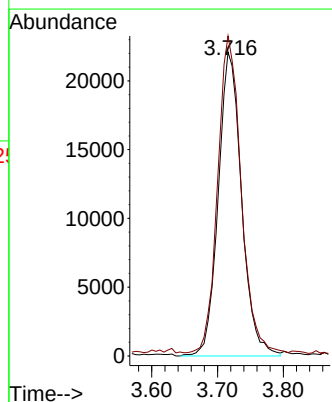
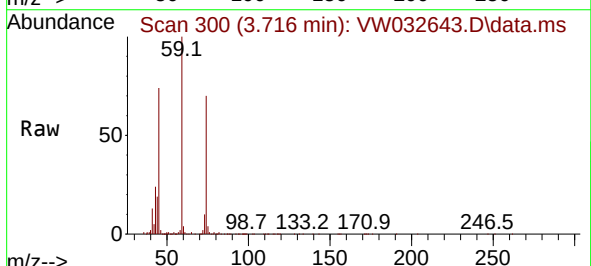
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

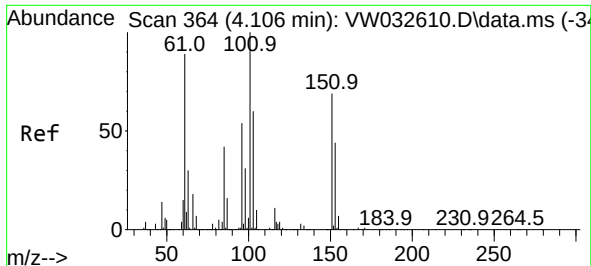
Tgt Ion:101 Resp: 80069
Ion Ratio Lower Upper
101 100
103 63.8 47.3 70.9



#8
Diethyl Ether
Concen: 18.073 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 74 Resp: 54458
Ion Ratio Lower Upper
74 100
45 104.3 52.4 157.2

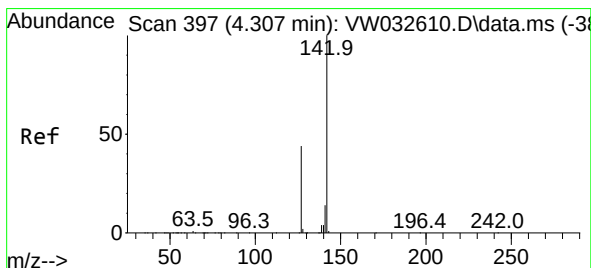
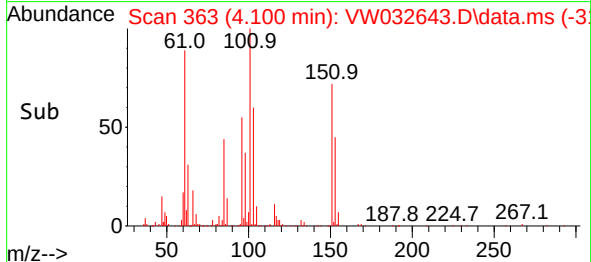
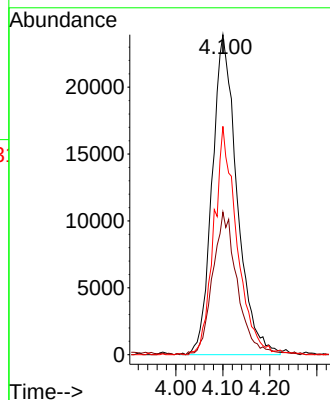
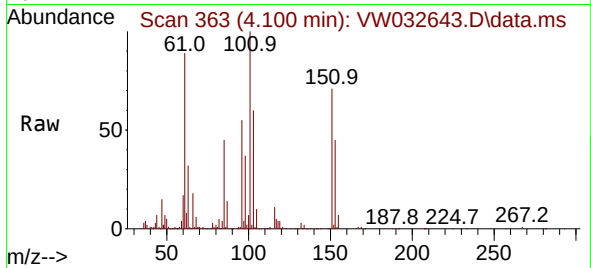




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.554 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

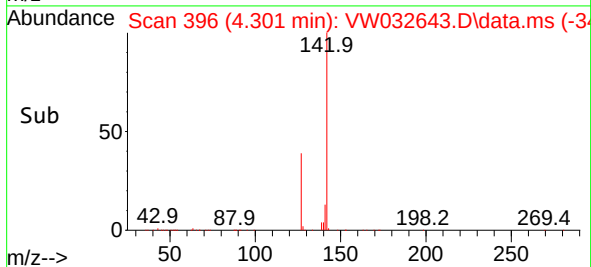
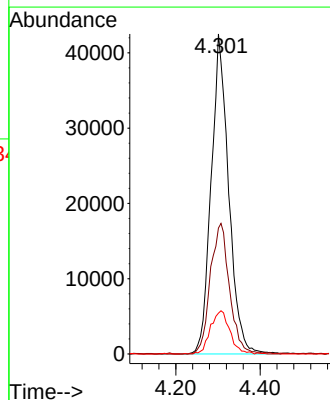
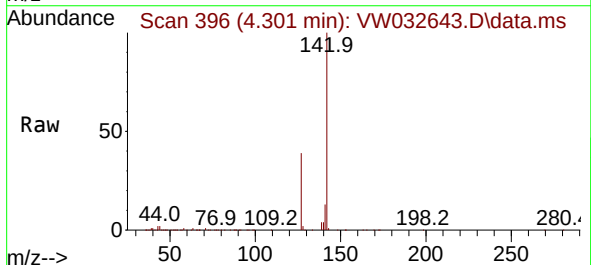
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

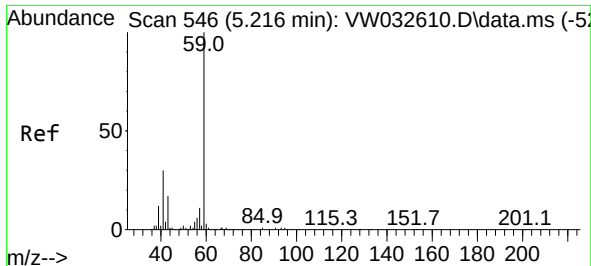
Tgt Ion:101 Resp: 88114
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.4 53.2
 151 66.1 56.7 85.1



#10
 Methyl Iodide
 Concen: 19.520 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion:142 Resp: 122489
 Ion Ratio Lower Upper
 142 100
 127 44.9 36.0 54.0
 141 14.9 11.6 17.4

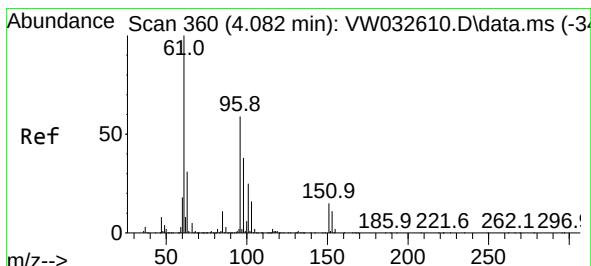
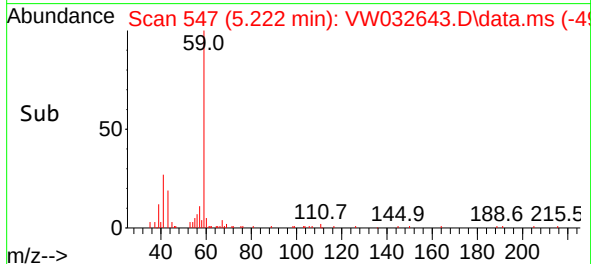
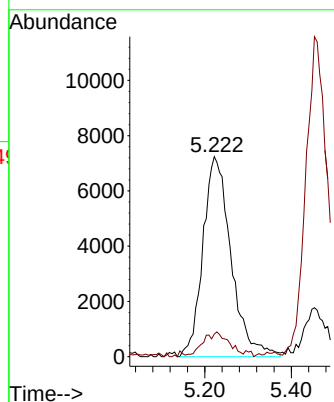
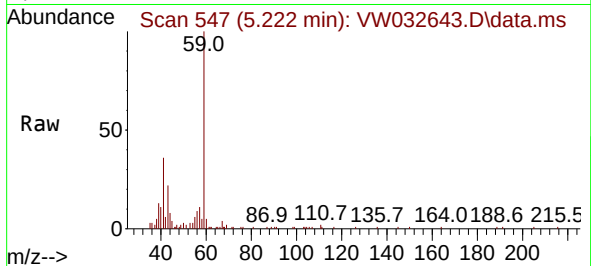




#11
Tert butyl alcohol
Concen: 79.972 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

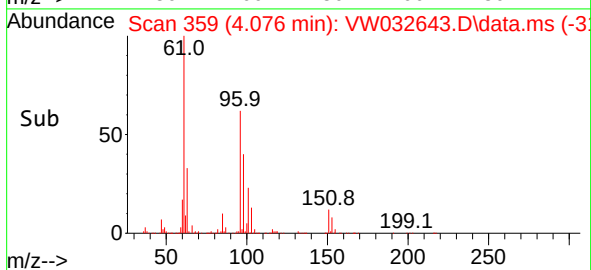
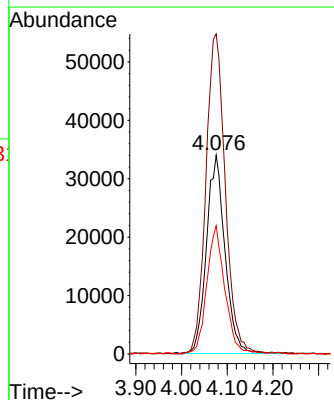
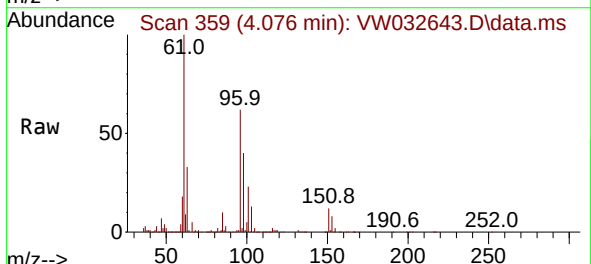
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

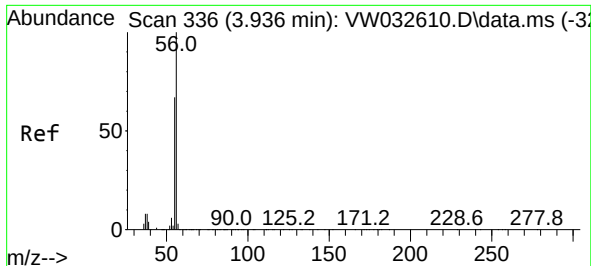
Tgt Ion: 59 Resp: 32658
Ion Ratio Lower Upper
59 100
57 5.5 9.4 14.0#



#12
1,1-Dichloroethene
Concen: 20.069 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 96 Resp: 95802
Ion Ratio Lower Upper
96 100
61 161.4 134.6 202.0
98 64.4 51.1 76.7

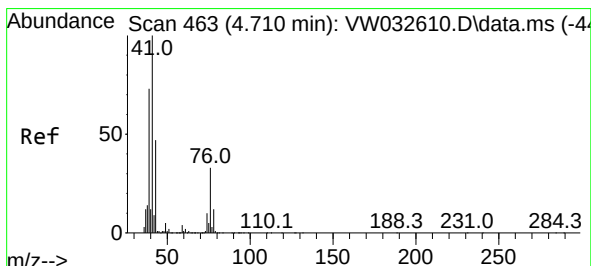
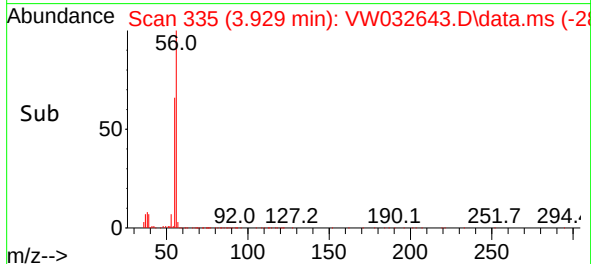
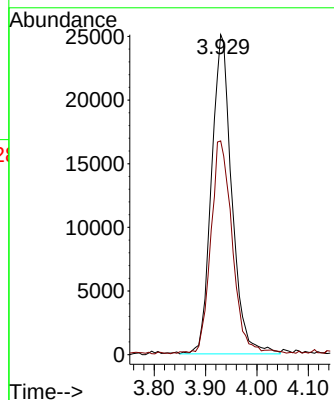
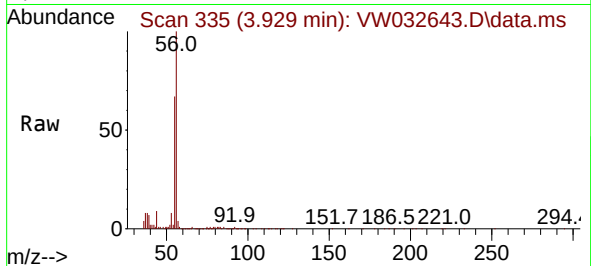




#13
Acrolein
Concen: 100.211 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

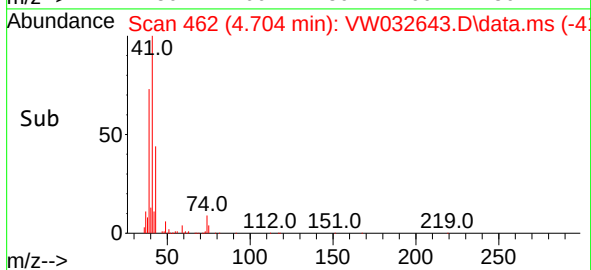
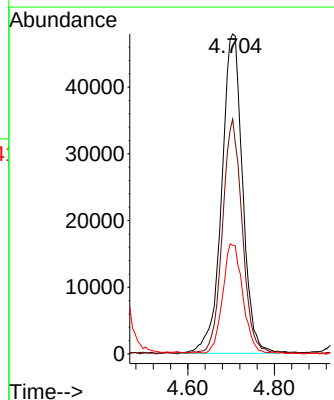
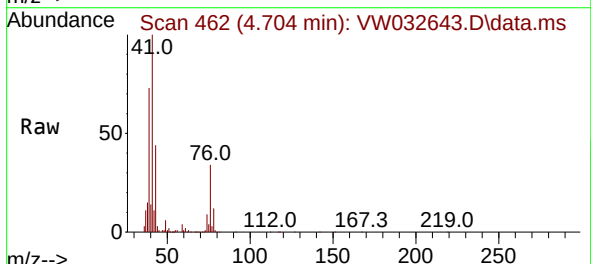
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

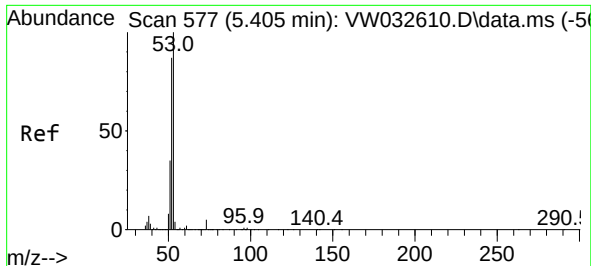
Tgt Ion: 56 Resp: 68887
Ion Ratio Lower Upper
56 100
55 70.1 56.0 84.0



#14
Allyl chloride
Concen: 18.186 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 41 Resp: 161387
Ion Ratio Lower Upper
41 100
39 68.8 54.2 81.2
76 32.8 26.3 39.5

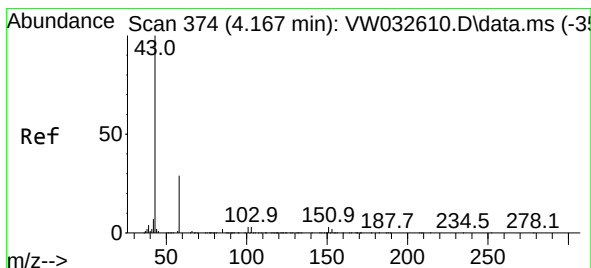
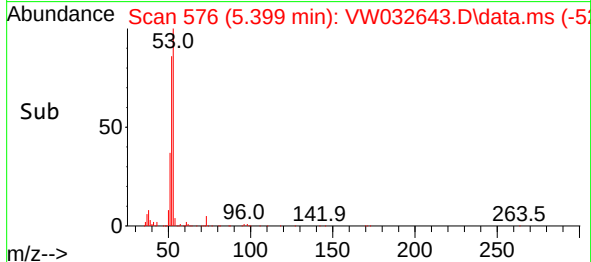
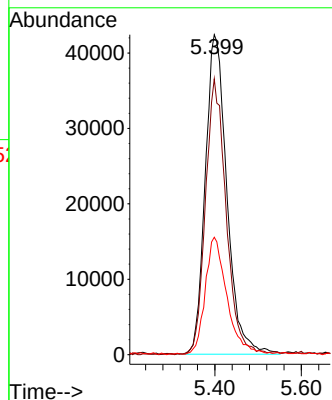
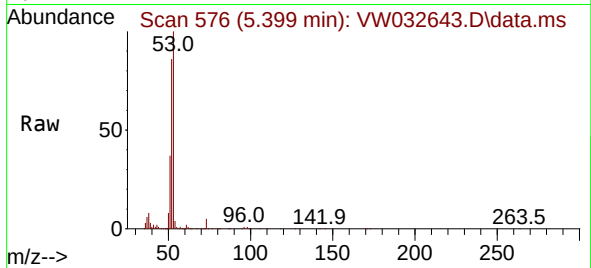




#15
Acrylonitrile
Concen: 87.208 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

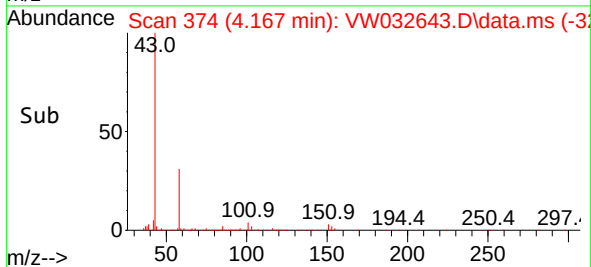
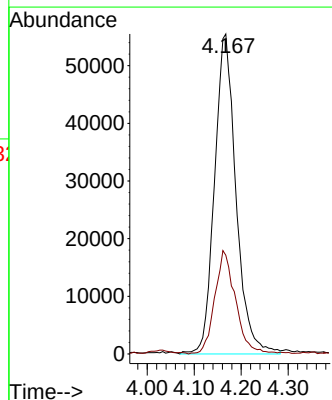
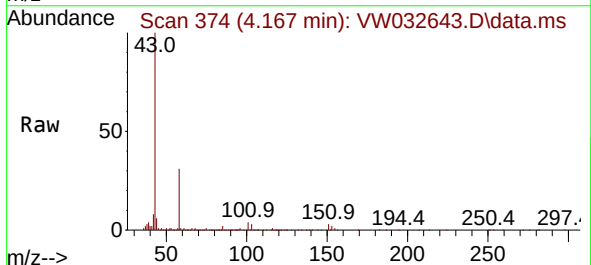
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

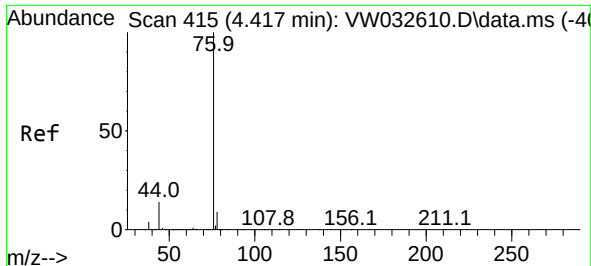
Tgt Ion: 53 Resp: 146844
Ion Ratio Lower Upper
53 100
52 82.8 66.7 100.1
51 36.8 29.8 44.6



#16
Acetone
Concen: 85.563 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 43 Resp: 176268
Ion Ratio Lower Upper
43 100
58 30.4 23.9 35.9

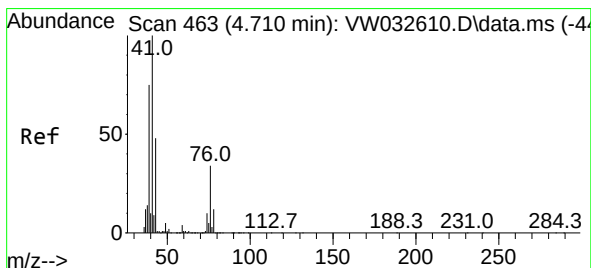
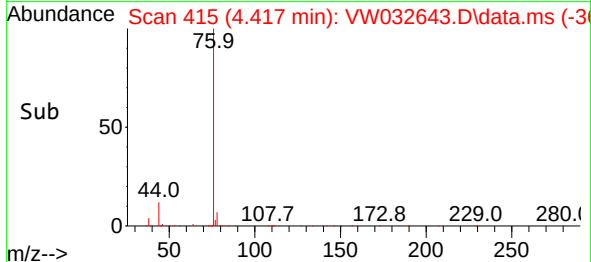
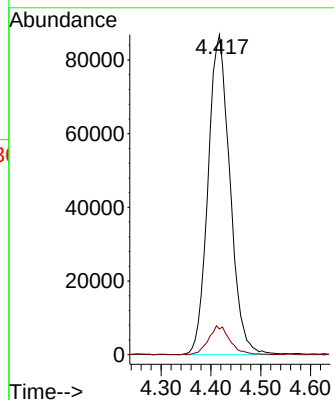
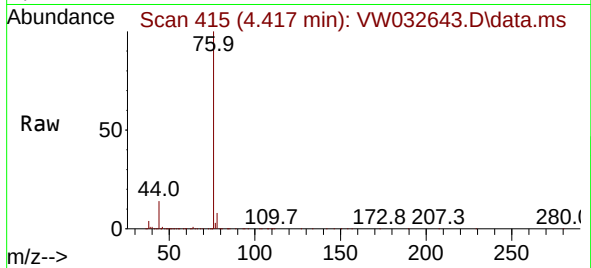




#17
Carbon Disulfide
Concen: 19.102 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

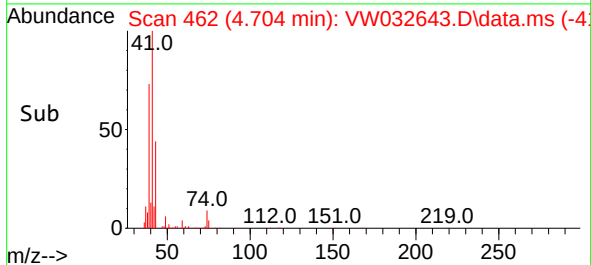
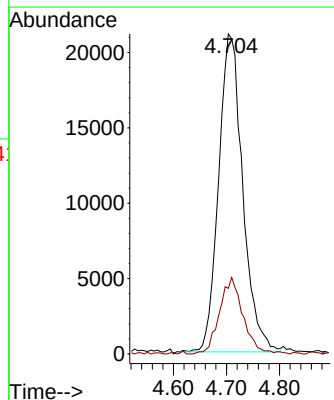
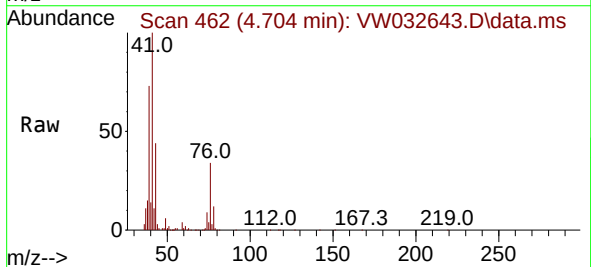
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

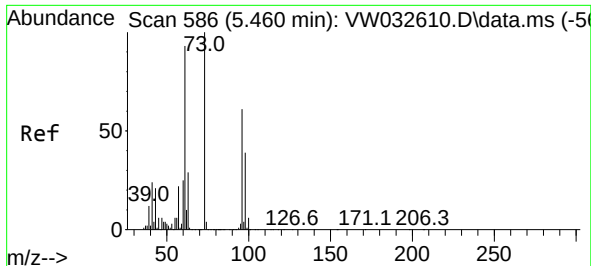
Tgt Ion: 76 Resp: 265010
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 16.596 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 43 Resp: 66695
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4

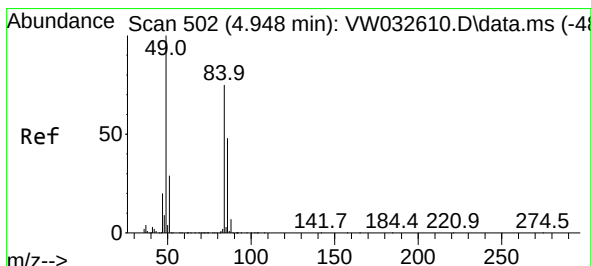
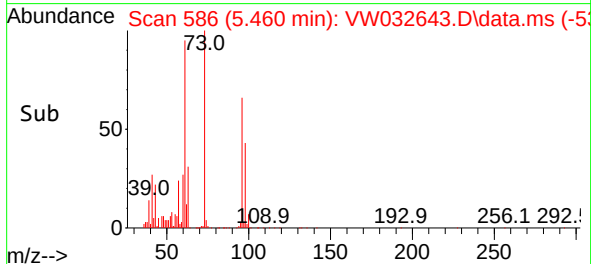
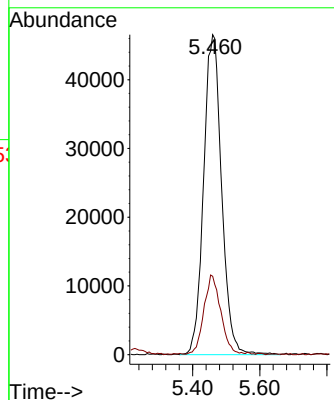
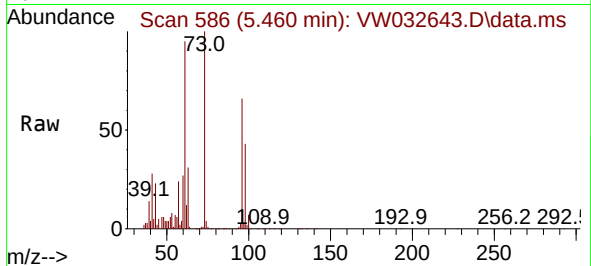




#19
Methyl tert-butyl Ether
Concen: 18.291 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

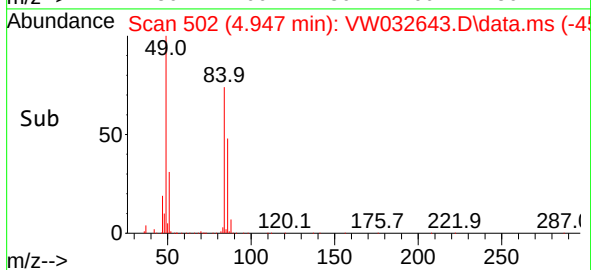
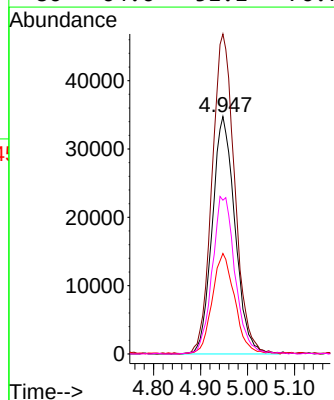
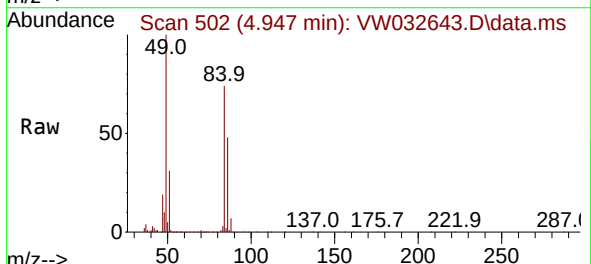
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

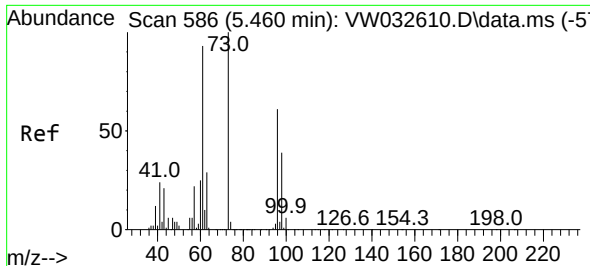
Tgt Ion: 73 Resp: 173358
Ion Ratio Lower Upper
73 100
57 24.3 17.3 25.9



#20
Methylene Chloride
Concen: 18.598 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 84 Resp: 116970
Ion Ratio Lower Upper
84 100
49 134.5 106.9 160.3
51 42.3 31.4 47.2
86 64.6 51.1 76.7

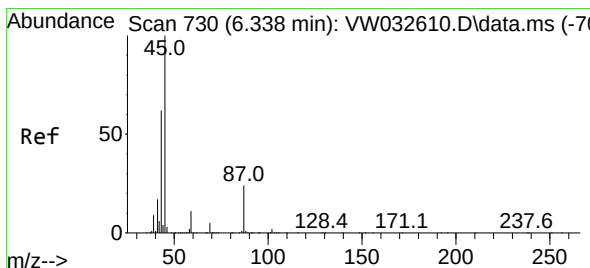
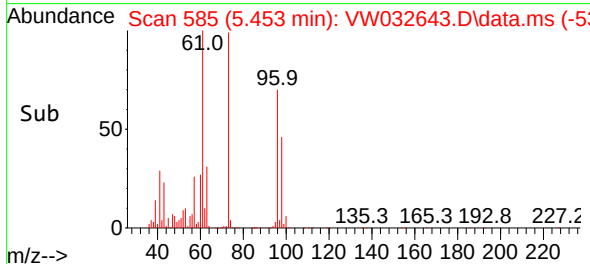
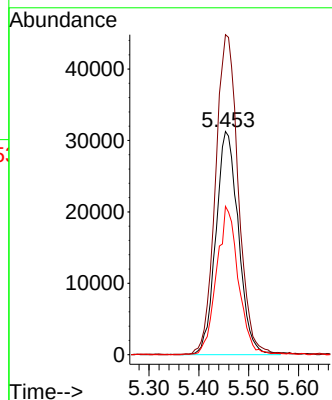
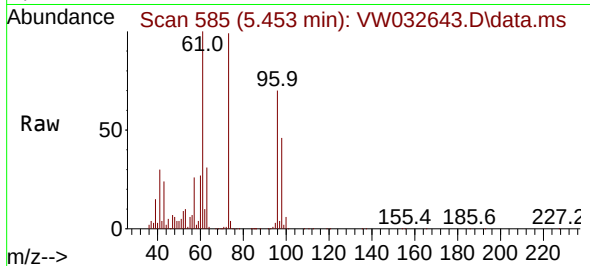




#21
trans-1,2-Dichloroethene
Concen: 18.837 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

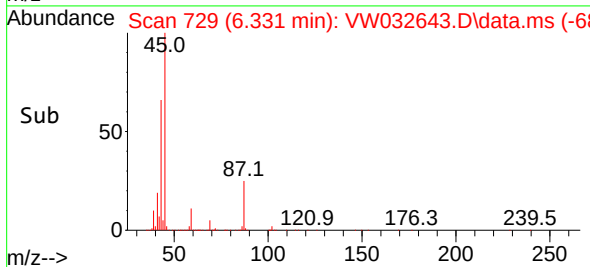
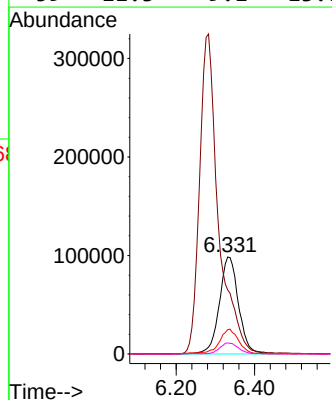
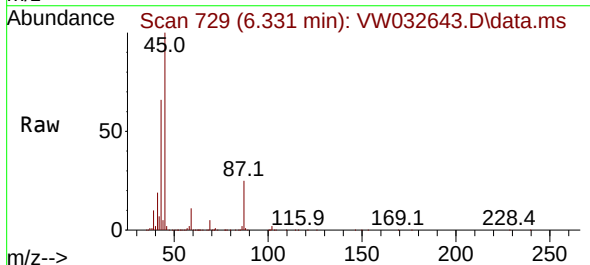
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

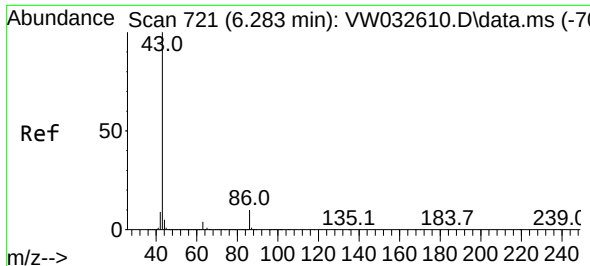
Tgt Ion: 96 Resp: 98208
Ion Ratio Lower Upper
96 100
61 143.1 121.7 182.5
98 66.5 50.6 76.0



#22
Diisopropyl ether
Concen: 18.544 ug/l
RT: 6.331 min Scan# 729
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 45 Resp: 333209
Ion Ratio Lower Upper
45 100
43 65.9 49.1 73.7
87 24.9 19.7 29.5
59 11.3 9.1 13.7

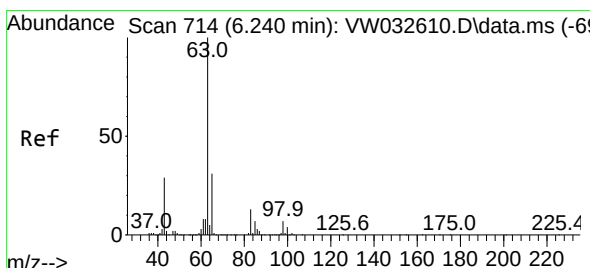
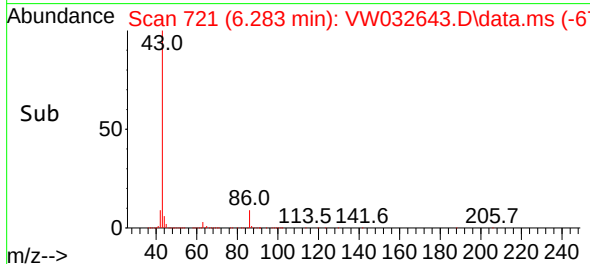
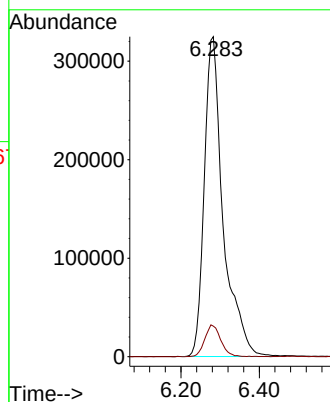
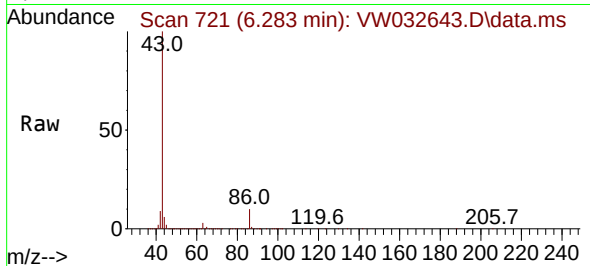




#23
 Vinyl Acetate
 Concen: 89.523 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

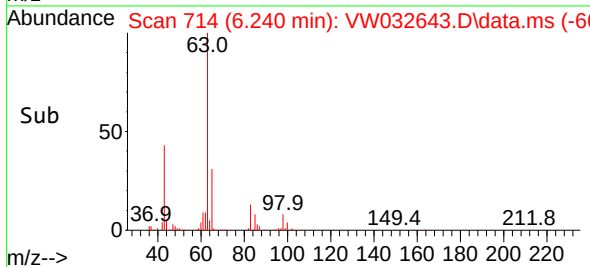
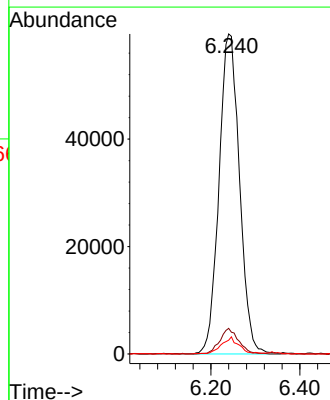
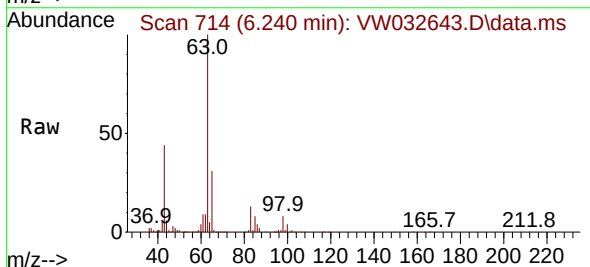
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

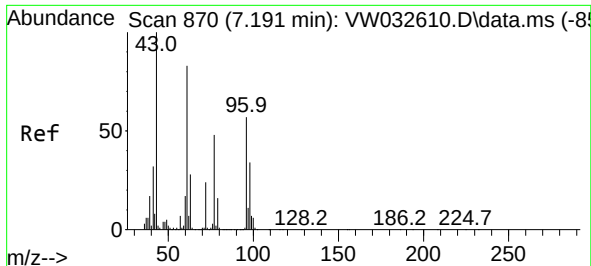
Tgt Ion: 43 Resp: 1087676
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.501 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion: 63 Resp: 190122
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.3 2.1 6.5

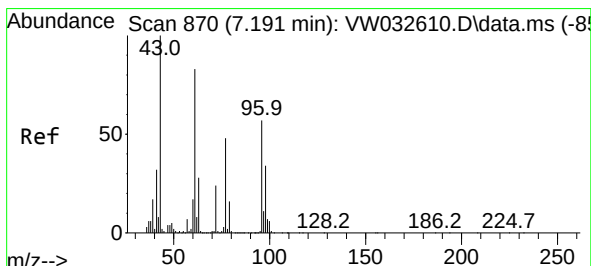
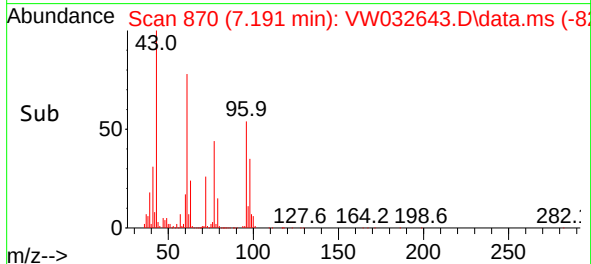
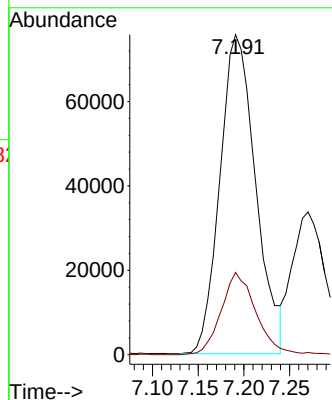
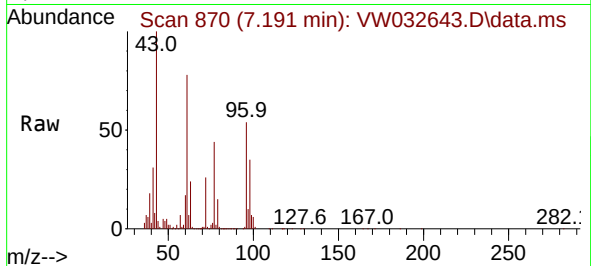




#25
2-Butanone
Concen: 85.185 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

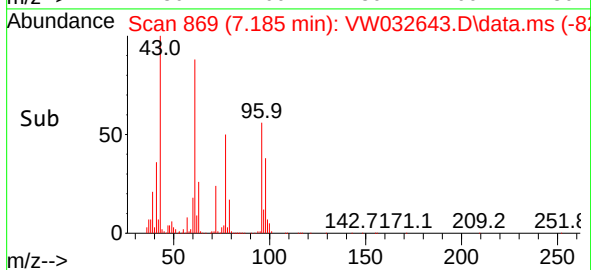
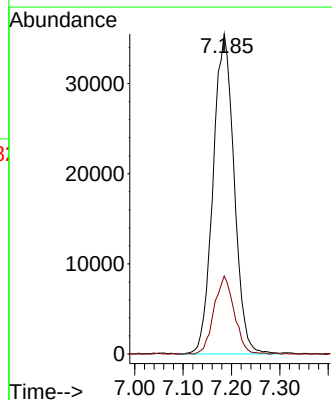
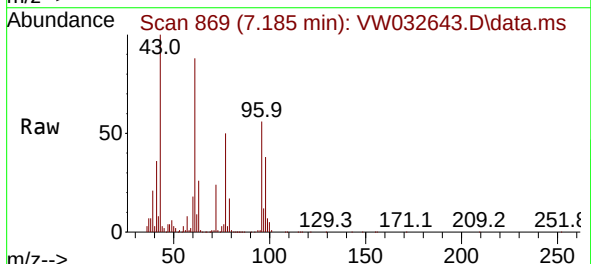
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

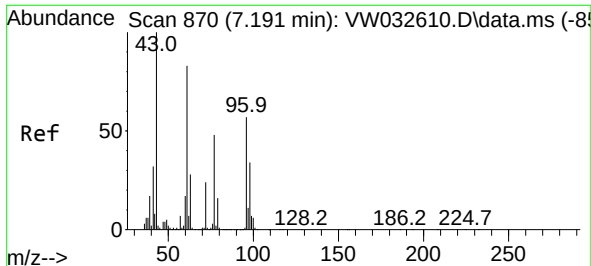
Tgt Ion: 43 Resp: 206202
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.0



#26
2,2-Dichloropropane
Concen: 18.616 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 77 Resp: 107415
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.9



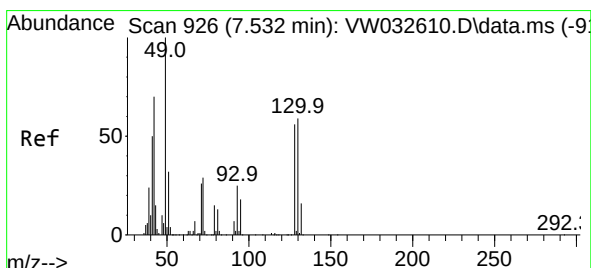
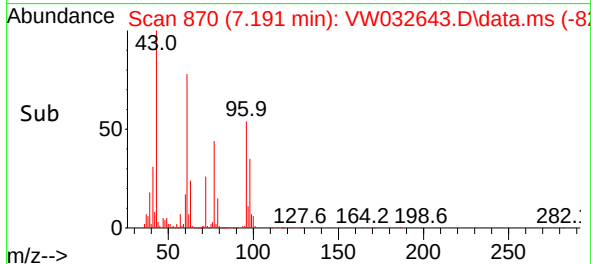
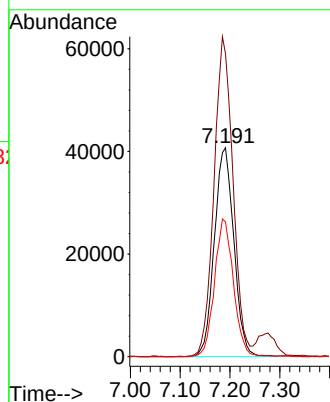
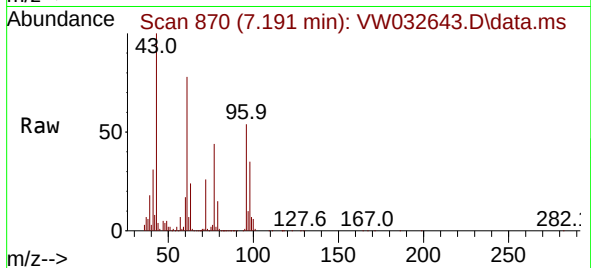


#27
 cis-1,2-Dichloroethene
 Concen: 18.231 ug/l
 RT: 7.191 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

Tgt Ion: 96 Resp: 110980

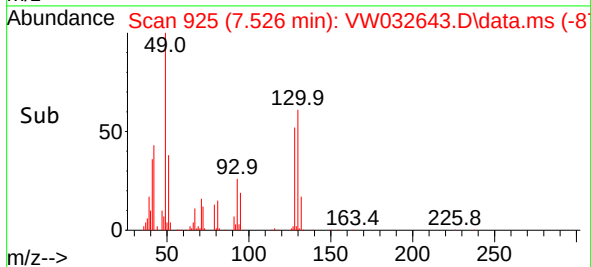
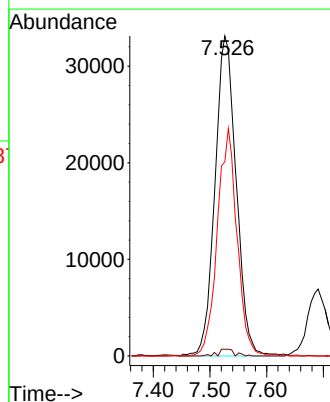
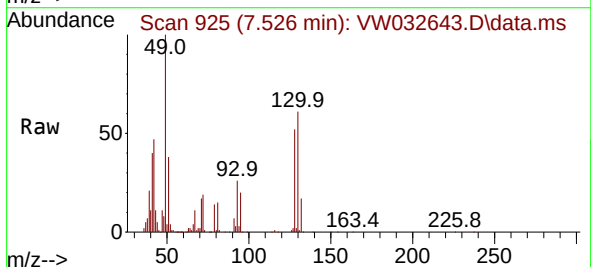
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	295.8
98	63.9	0.0	127.2

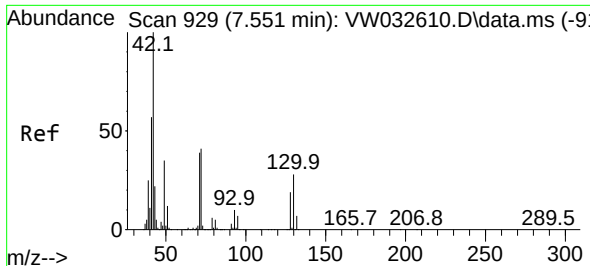


#28
 Bromochloromethane
 Concen: 21.131 ug/l
 RT: 7.526 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion: 49 Resp: 86264

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	65.7	53.3	79.9

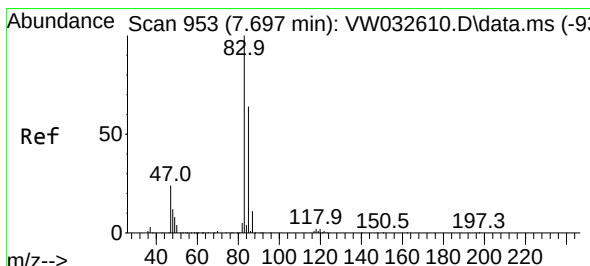
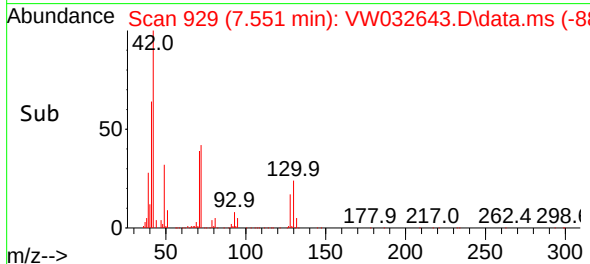
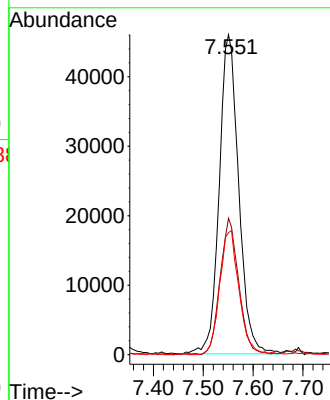
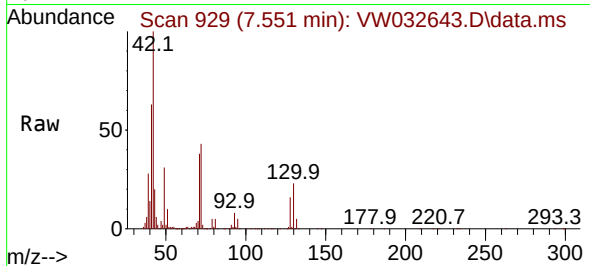




#29
Tetrahydrofuran
Concen: 85.778 ug/l
RT: 7.551 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

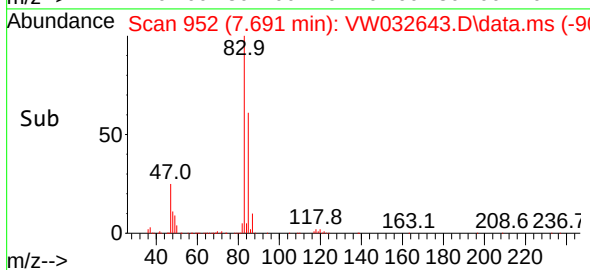
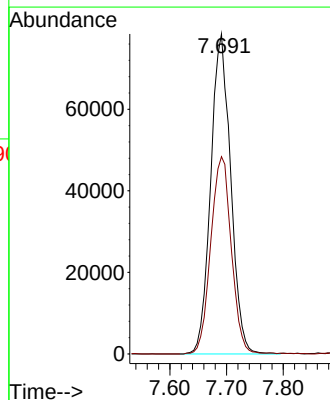
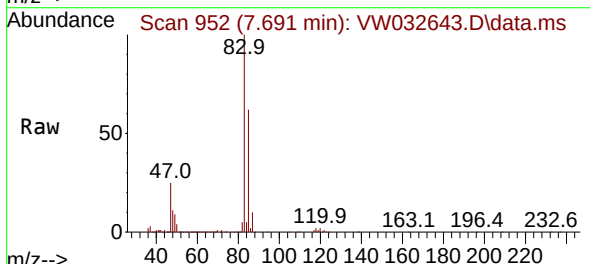
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

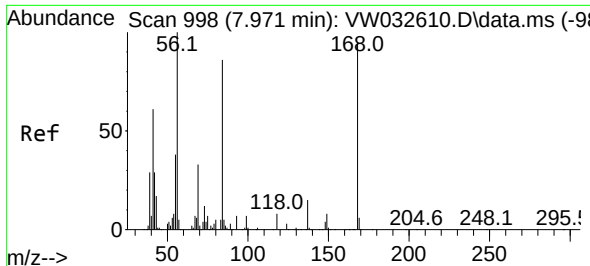
Tgt Ion: 42 Resp: 124655
Ion Ratio Lower Upper
42 100
72 40.9 33.2 49.8
71 38.5 30.7 46.1



#30
Chloroform
Concen: 18.894 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 83 Resp: 191515
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.2

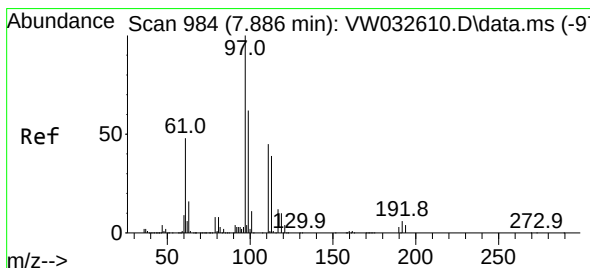
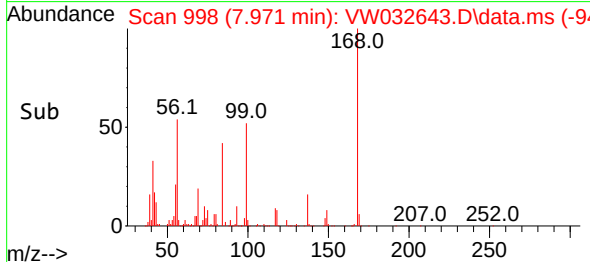
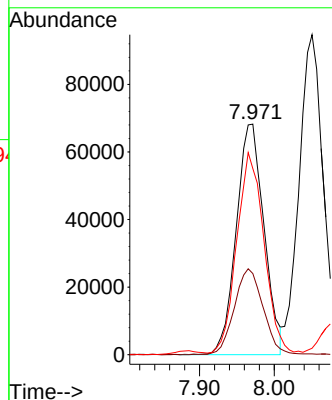
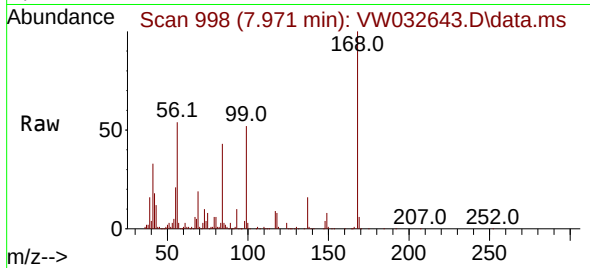




#31
Cyclohexane
Concen: 18.619 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

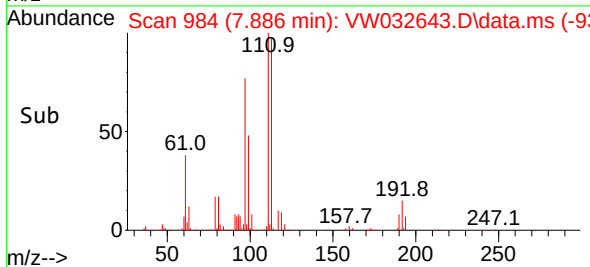
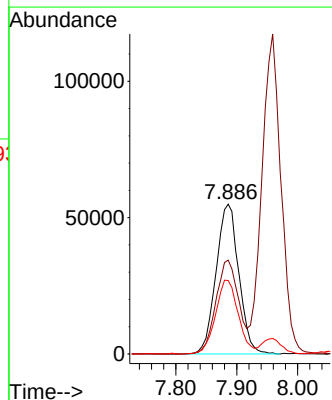
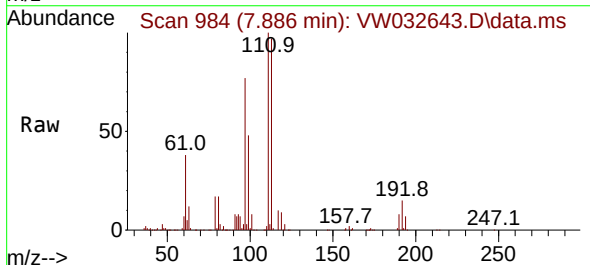
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

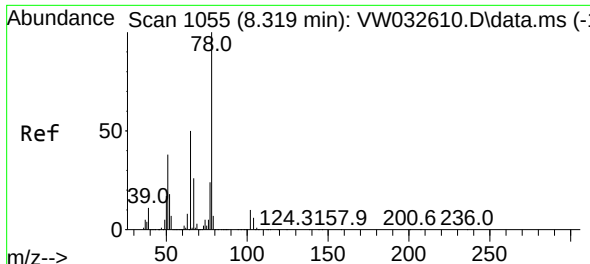
Tgt Ion: 56 Resp: 176351
Ion Ratio Lower Upper
56 100
69 35.2 26.2 39.2
84 79.3 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 19.070 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 97 Resp: 142138
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 49.2 37.8 56.8

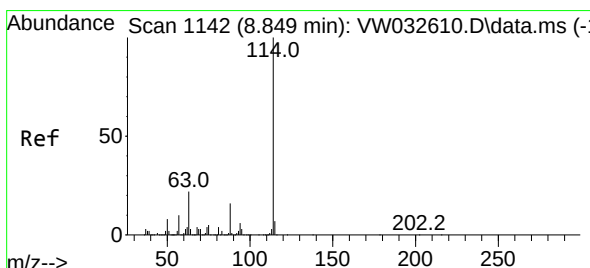
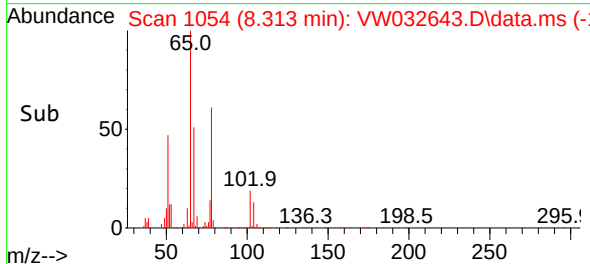
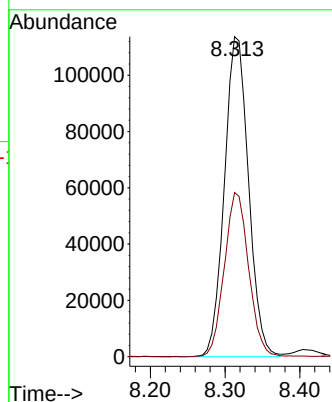
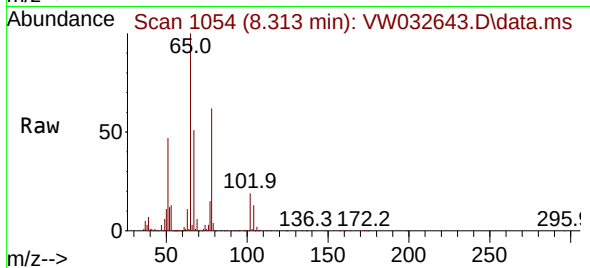




#33
 1,2-Dichloroethane-d4
 Concen: 41.870 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

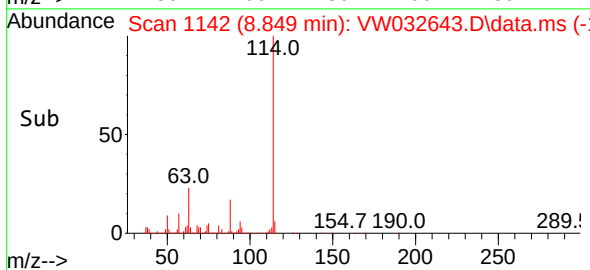
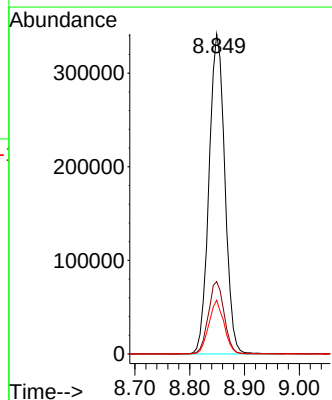
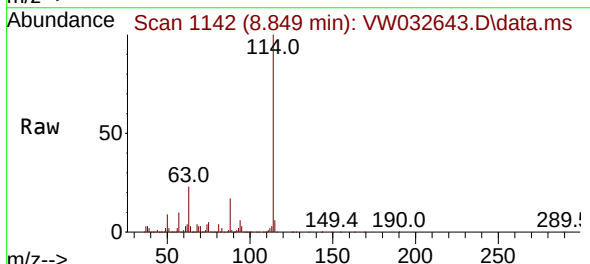
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

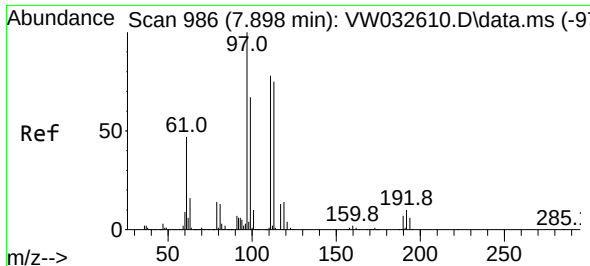
Tgt Ion: 65 Resp: 255186
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion: 114 Resp: 683175
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.6
 88 16.8 0.0 31.8

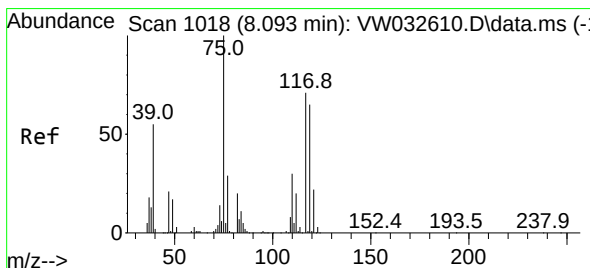
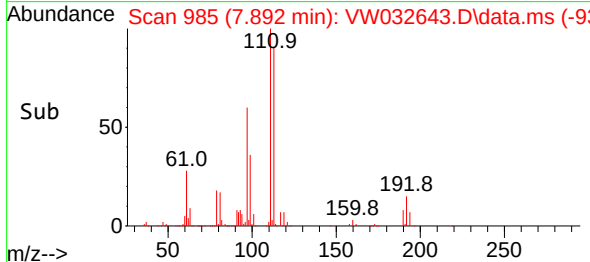
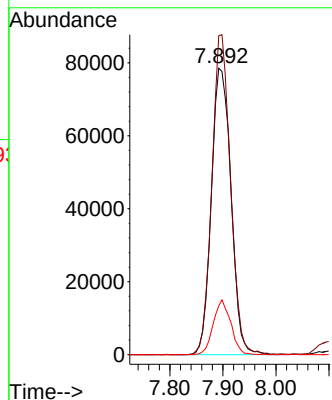
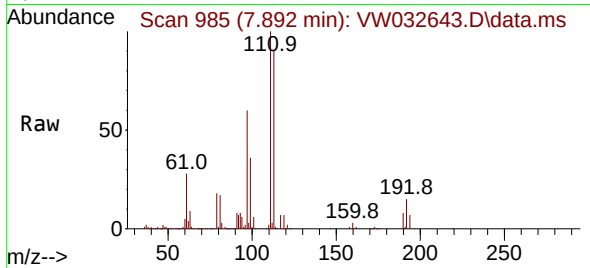




#35
Dibromofluoromethane
Concen: 42.209 ug/l
RT: 7.892 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

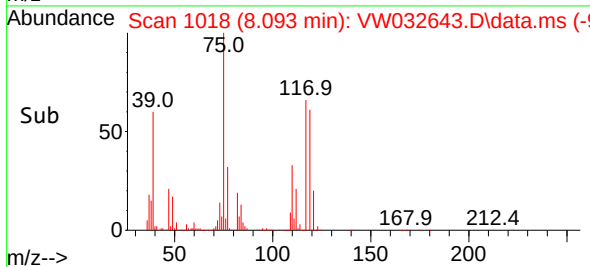
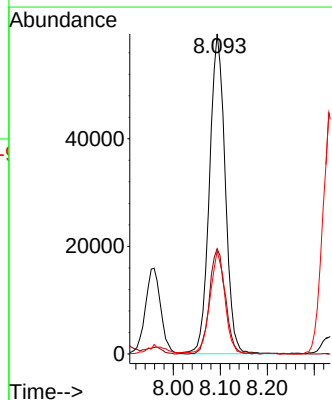
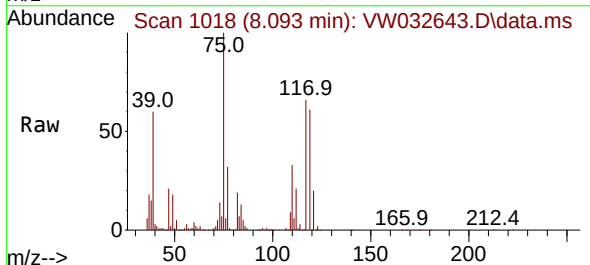
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

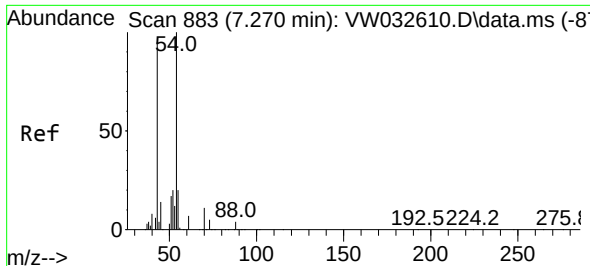
Tgt Ion:113 Resp: 202843
Ion Ratio Lower Upper
113 100
111 105.2 85.2 127.8
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 19.557 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 75 Resp: 137557
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 30.2 24.6 37.0

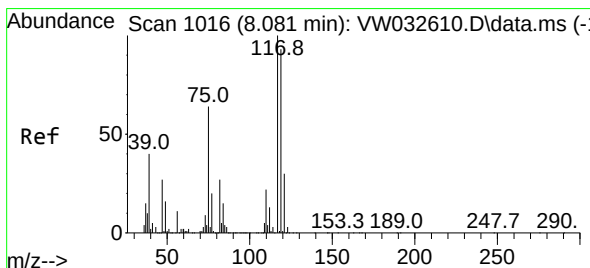
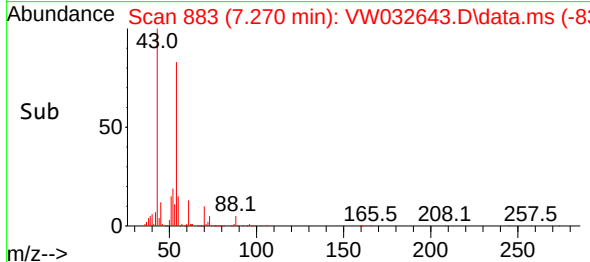
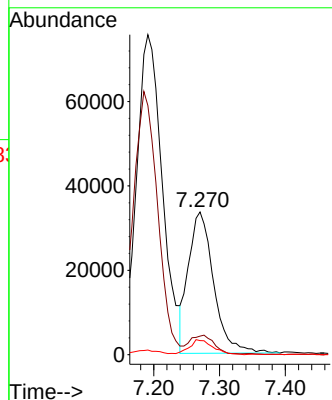
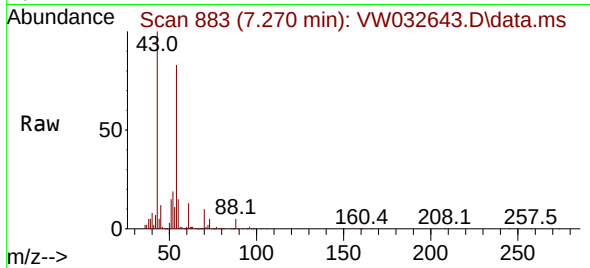




#37
Ethyl Acetate
Concen: 18.515 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

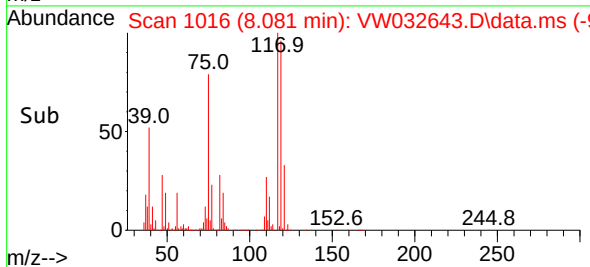
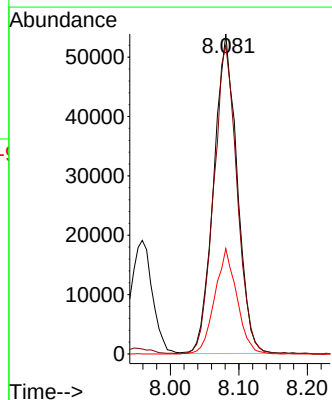
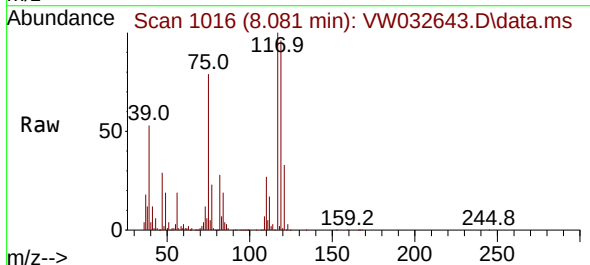
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

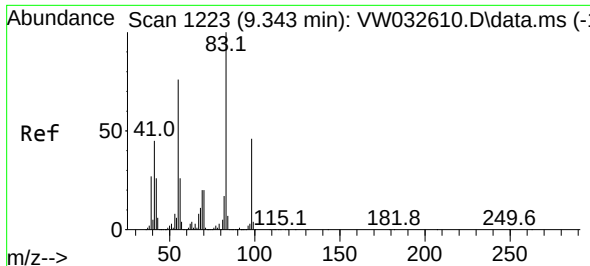
Tgt Ion:	43	Resp:	89204
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.8	7.7	11.5



#38
Carbon Tetrachloride
Concen: 19.589 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:	117	Resp:	127439
Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.3	111.5
121	33.0	23.6	35.4

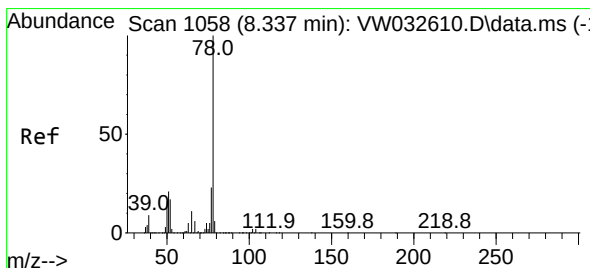
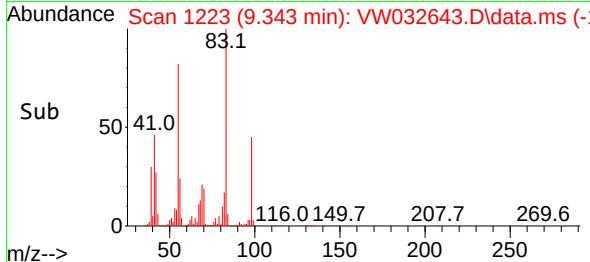
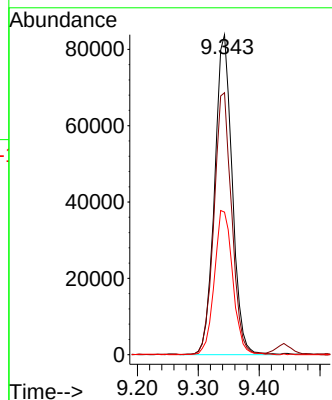
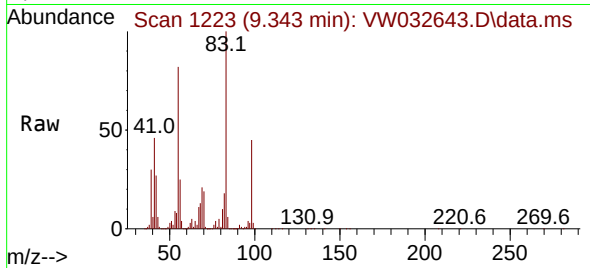




#39
Methylcyclohexane
Concen: 19.018 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

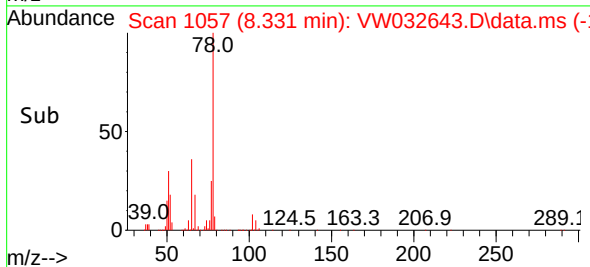
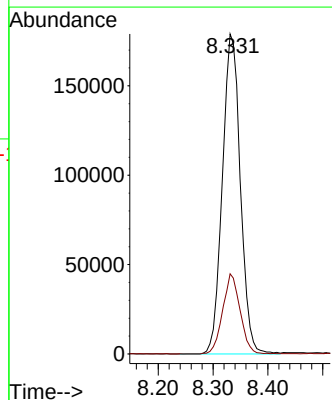
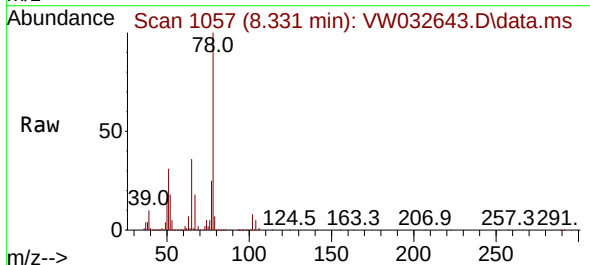
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

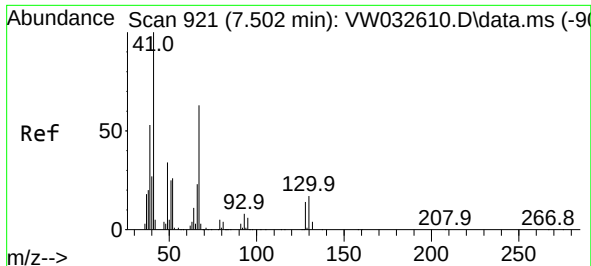
Tgt Ion: 83 Resp: 168223
Ion Ratio Lower Upper
83 100
55 81.7 61.2 91.8
98 44.6 37.0 55.4



#40
Benzene
Concen: 19.159 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 78 Resp: 408817
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0

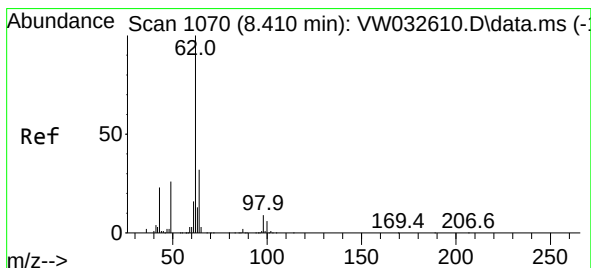
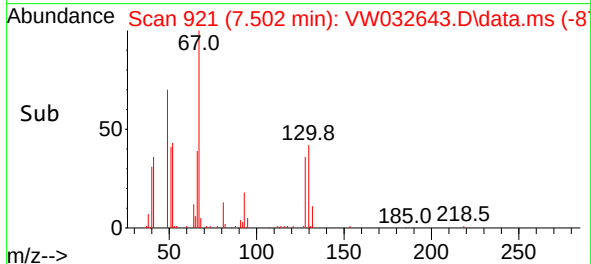
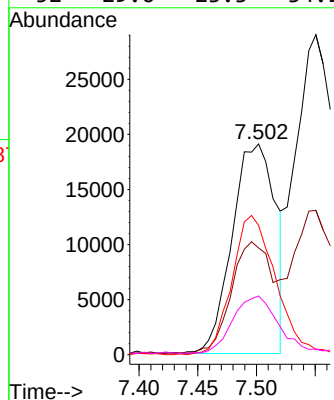
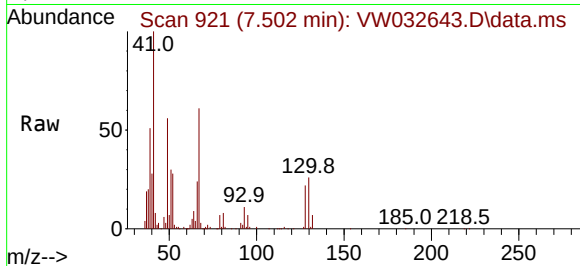




#41
Methacrylonitrile
Concen: 19.001 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

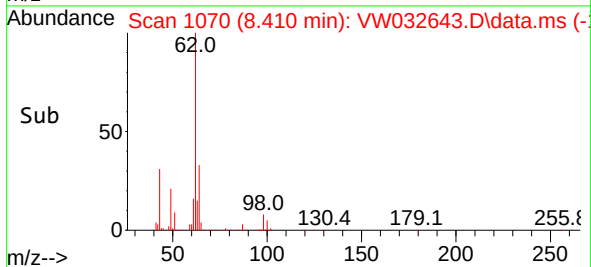
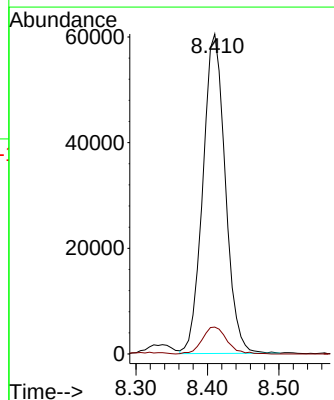
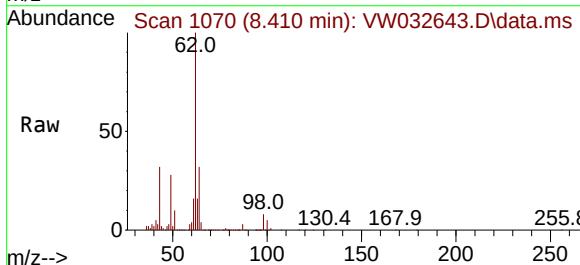
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

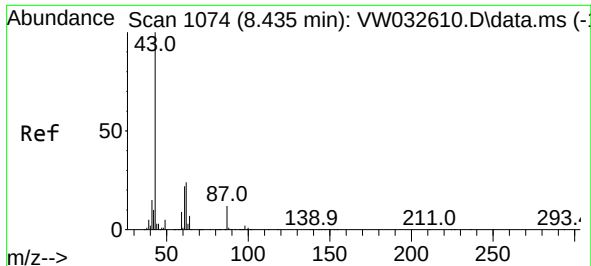
Tgt Ion:	41	Resp:	48929
Ion	Ratio	Lower	Upper
41	100		
39	52.1	47.3	70.9
67	67.5	55.9	83.9
52	29.6	23.3	34.9



#42
1,2-Dichloroethane
Concen: 19.375 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:	62	Resp:	131627
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

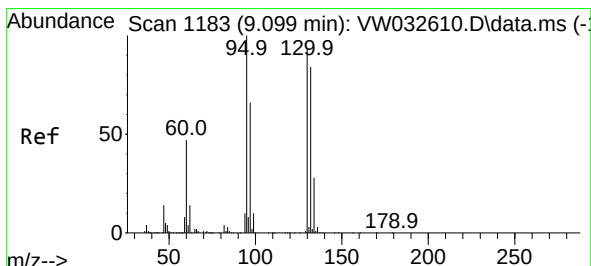
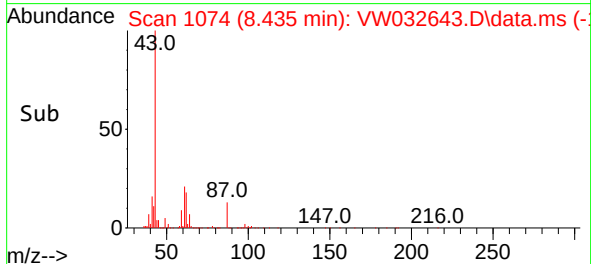
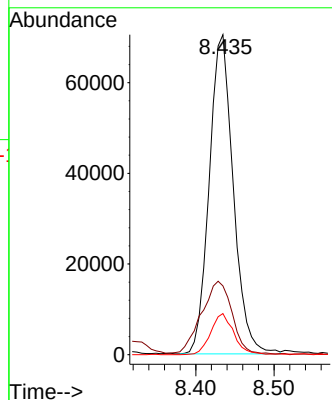
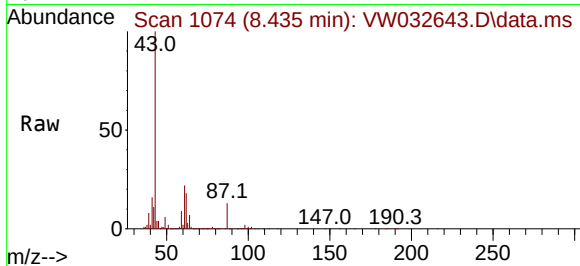




#43
Isopropyl Acetate
Concen: 17.557 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

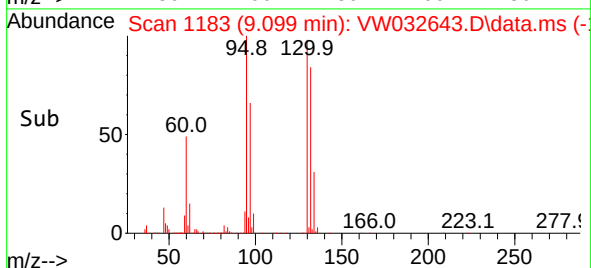
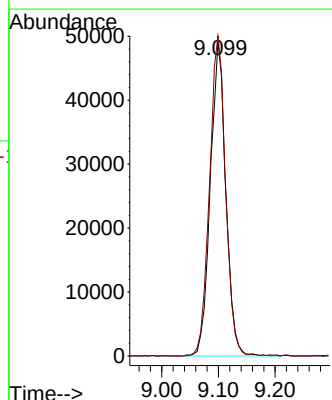
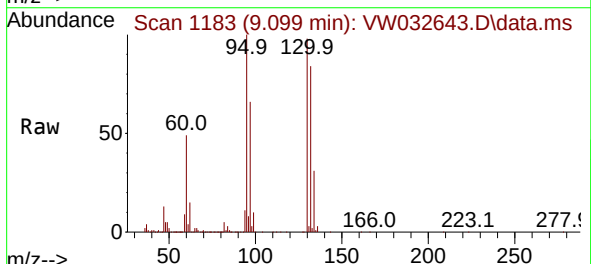
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

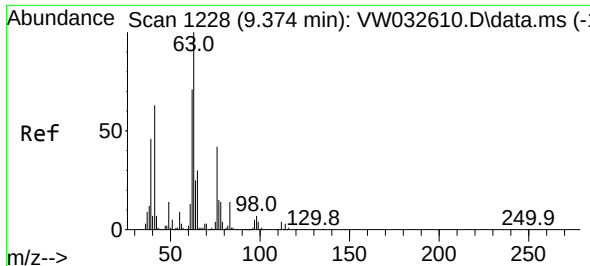
Tgt Ion: 43 Resp: 150006
Ion Ratio Lower Upper
43 100
61 29.2 22.7 34.1
87 12.5 9.6 14.4



#44
Trichloroethene
Concen: 19.066 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:130 Resp: 92890
Ion Ratio Lower Upper
130 100
95 102.0 0.0 215.6





#45

1,2-Dichloropropane

Concen: 19.472 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

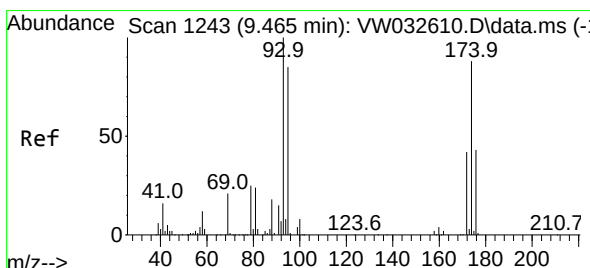
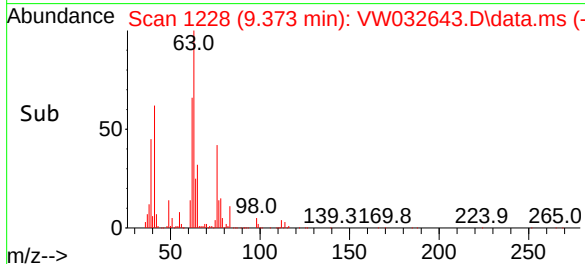
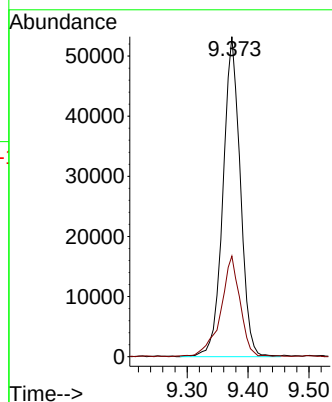
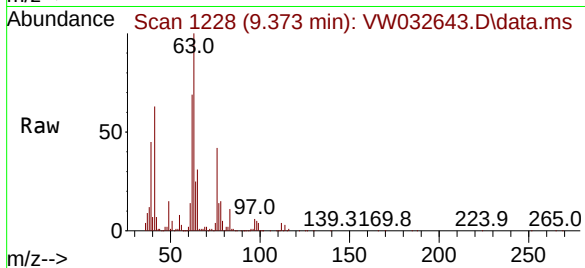
VW1212SBS01

Tgt Ion: 63 Resp: 105134

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 19.263 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

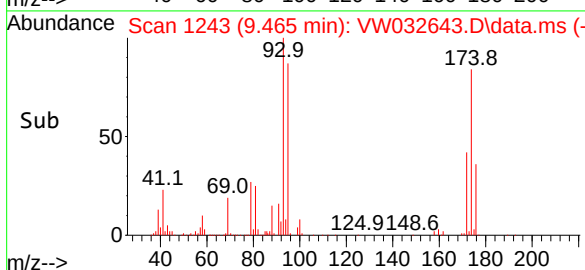
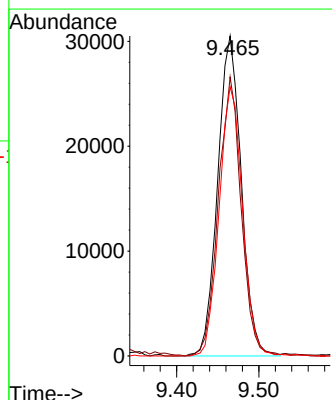
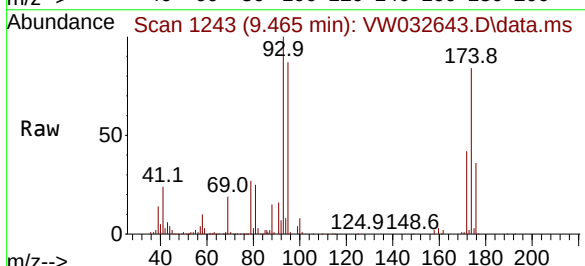
Tgt Ion: 93 Resp: 60936

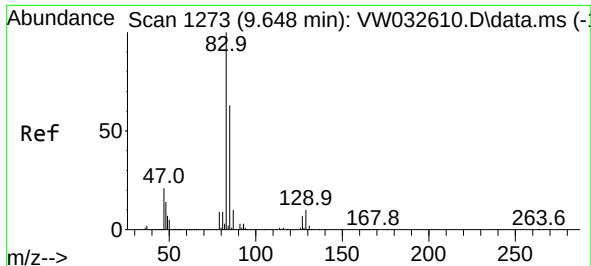
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.4

174 83.2 67.6 101.4

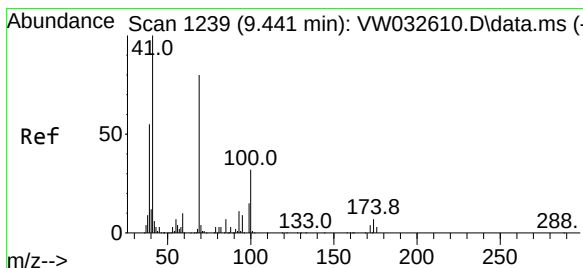
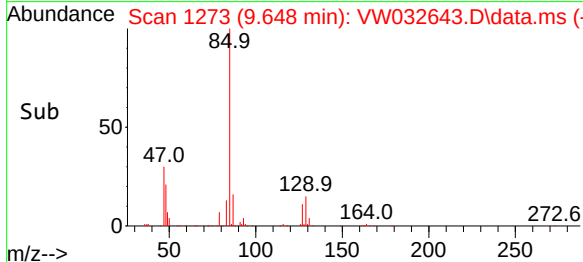
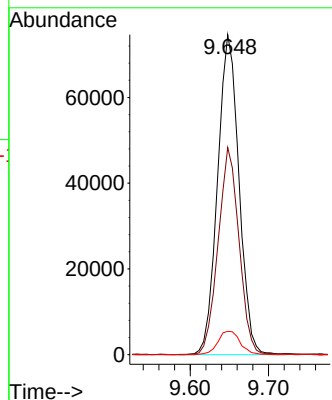
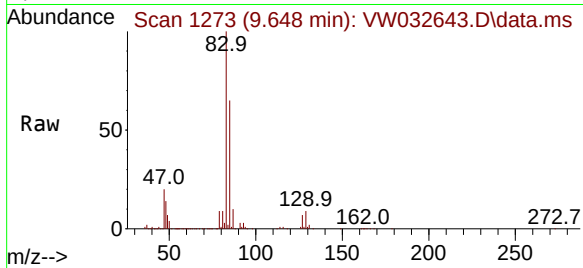




#47
 Bromodichloromethane
 Concen: 19.271 ug/l
 RT: 9.648 min Scan# 1273
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

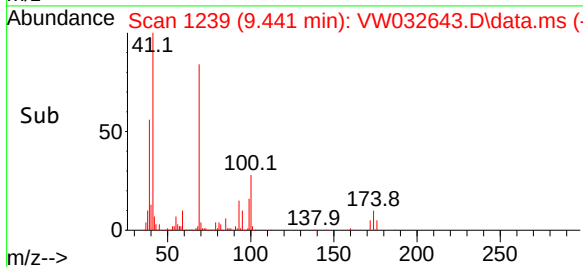
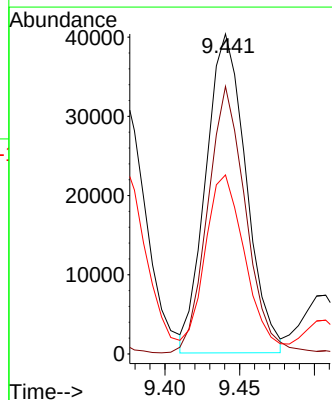
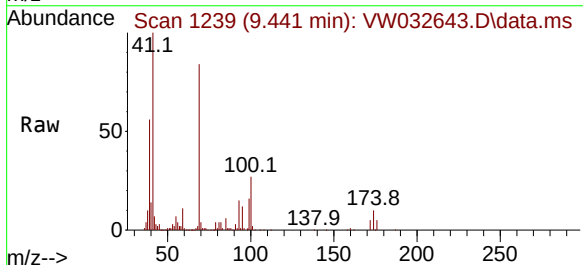
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

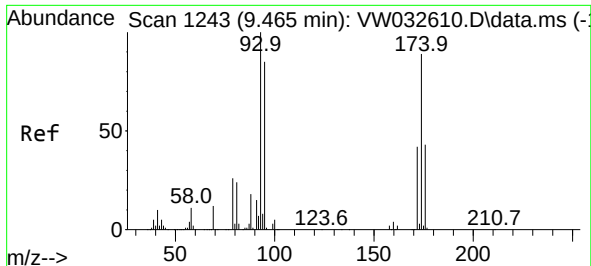
Tgt Ion: 83 Resp: 141804
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.7 76.1
 127 7.3 6.0 9.0



#48
 Methyl methacrylate
 Concen: 18.685 ug/l
 RT: 9.441 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion: 41 Resp: 75353
 Ion Ratio Lower Upper
 41 100
 69 80.1 67.9 101.9
 39 50.0 43.8 65.8

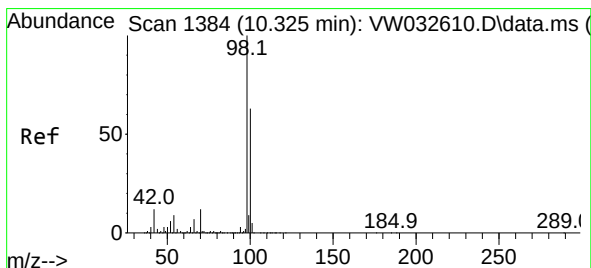
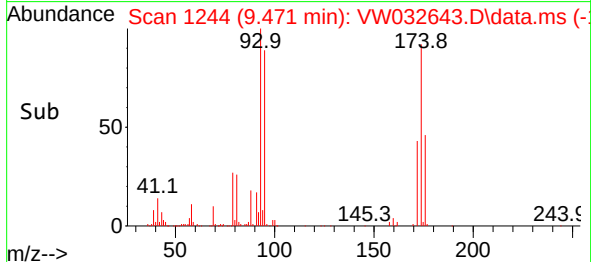
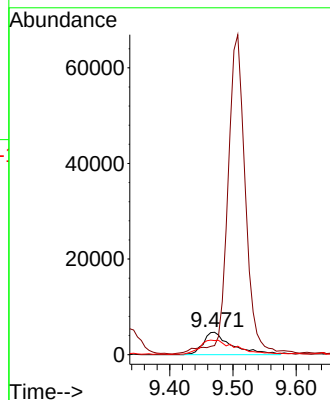
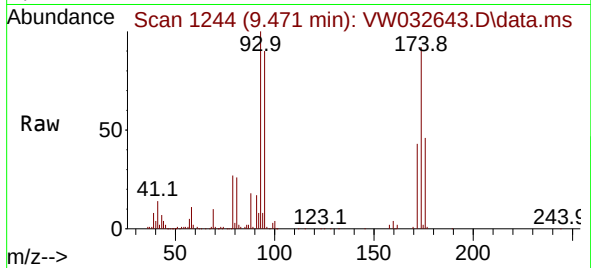




#49
1,4-Dioxane
Concen: 349.835 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

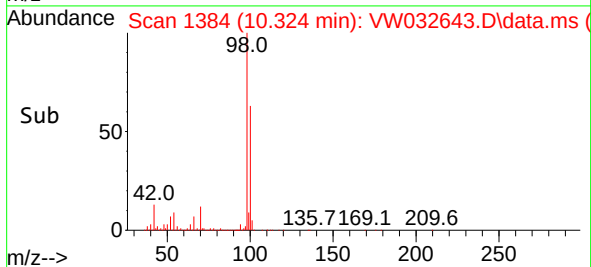
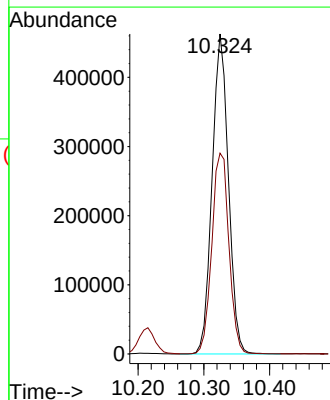
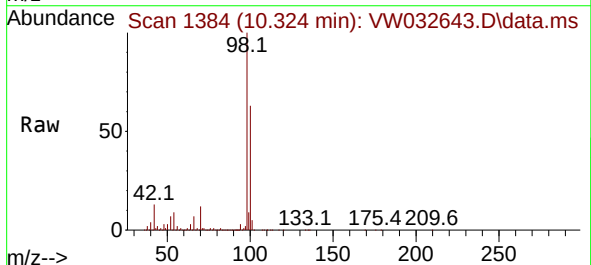
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

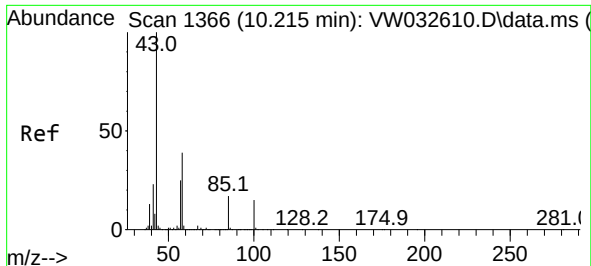
Tgt Ion: 88 Resp: 14846
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.6 63.8 95.8



#50
Toluene-d8
Concen: 45.477 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 98 Resp: 797346
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2

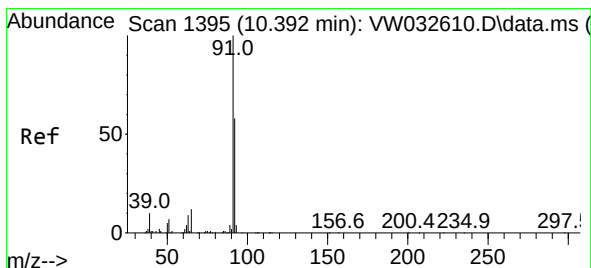
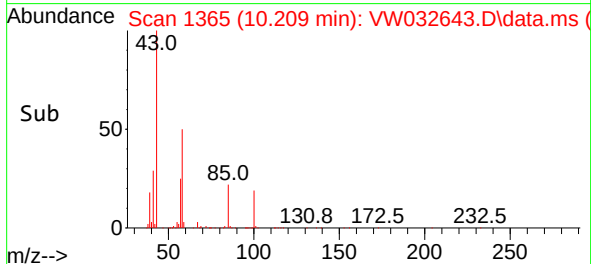
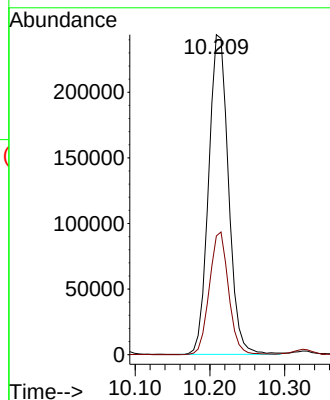
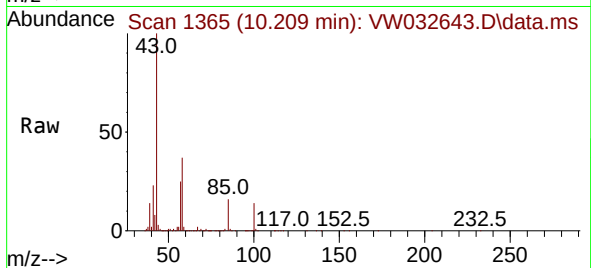




#51
4-Methyl-2-Pentanone
Concen: 94.307 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

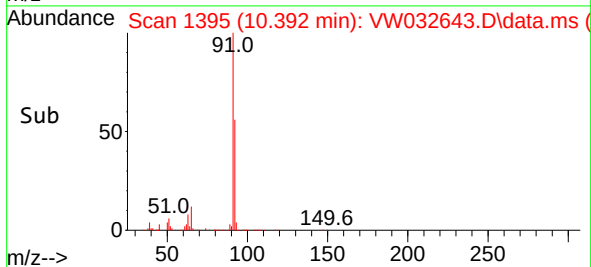
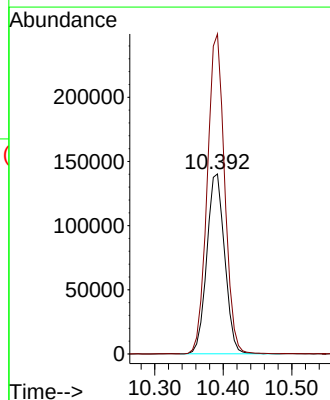
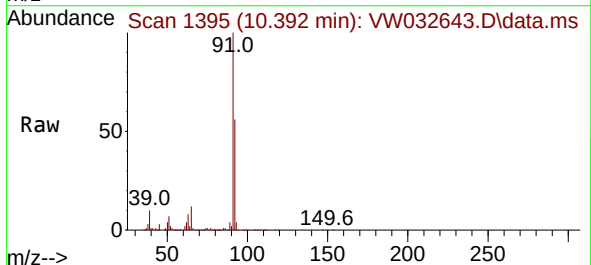
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

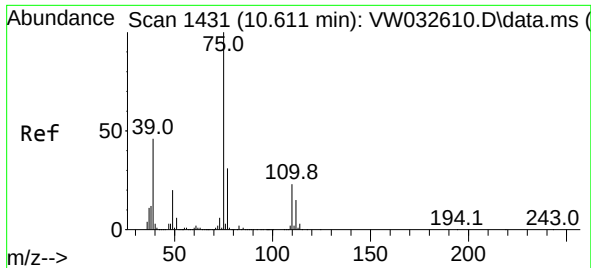
Tgt Ion: 43 Resp: 449249
Ion Ratio Lower Upper
43 100
58 37.2 30.6 45.8



#52
Toluene
Concen: 19.344 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 92 Resp: 253953
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4

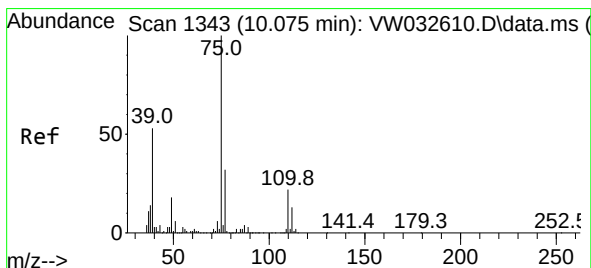
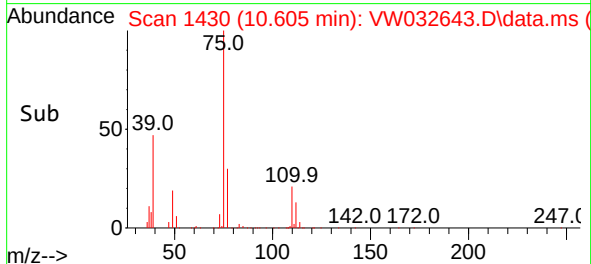
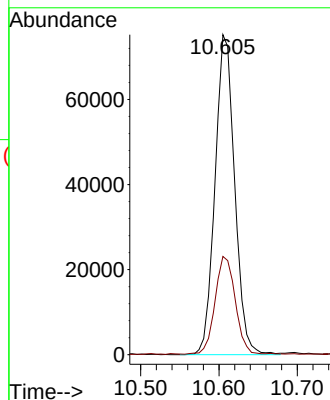
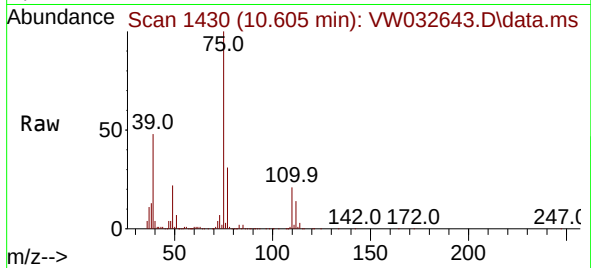




#53
t-1,3-Dichloropropene
Concen: 18.086 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

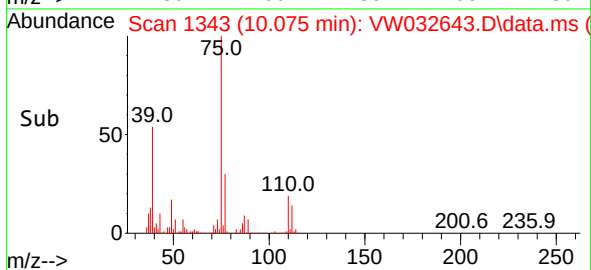
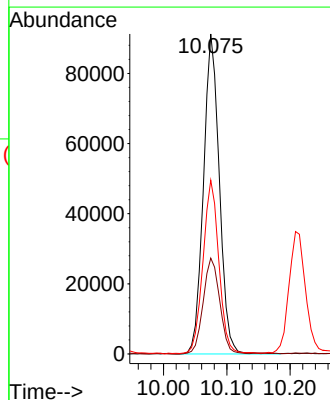
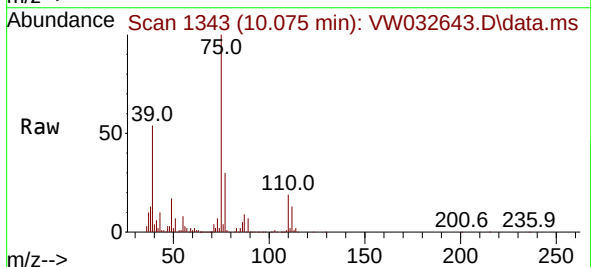
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

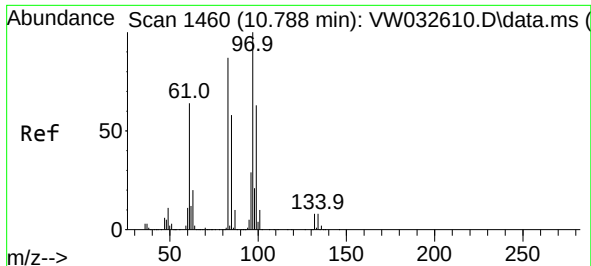
Tgt Ion: 75 Resp: 131223
Ion Ratio Lower Upper
75 100
77 30.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.079 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 75 Resp: 159626
Ion Ratio Lower Upper
75 100
77 29.9 26.0 39.0
39 54.1 42.5 63.7

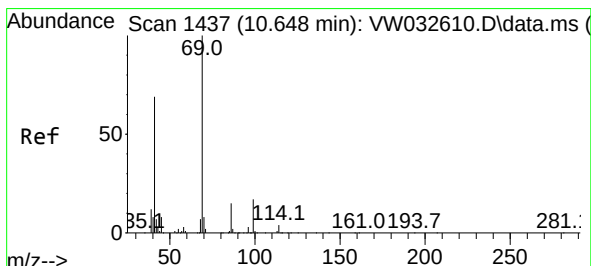
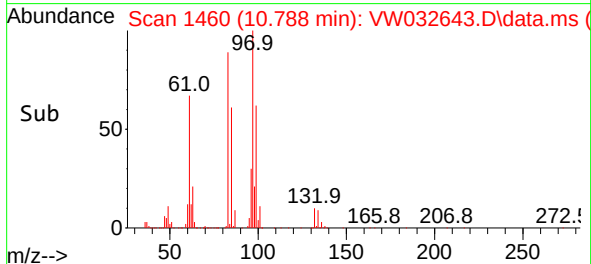
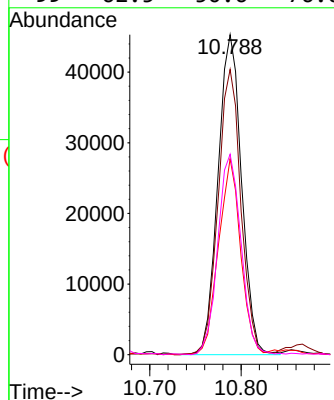
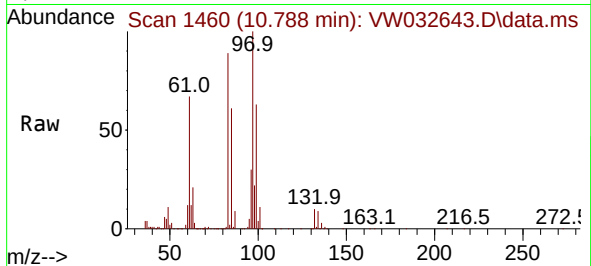




#55
1,1,2-Trichloroethane
Concen: 19.129 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

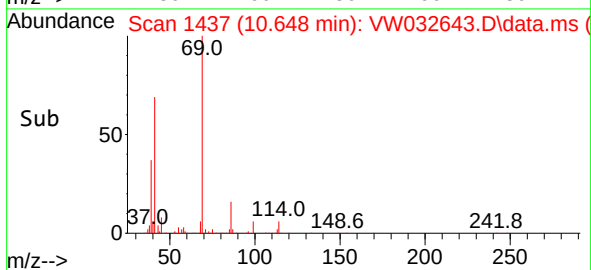
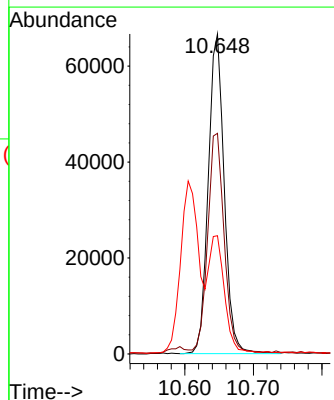
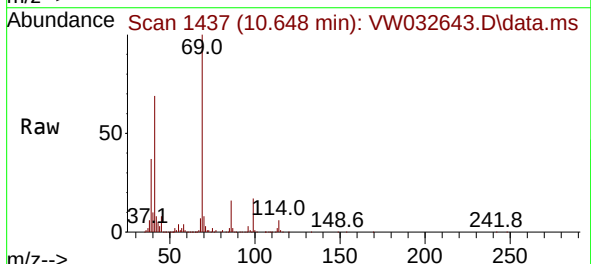
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

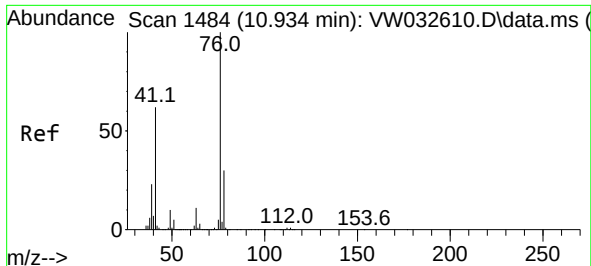
Tgt Ion:	97	Resp:	81189
Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.3	103.9
85	61.3	46.1	69.1
99	62.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 17.651 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:	69	Resp:	108155
Ion	Ratio	Lower	Upper
69	100		
41	70.9	57.0	85.6
39	35.1	27.2	40.8





#57

1,3-Dichloropropane

Concen: 19.152 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

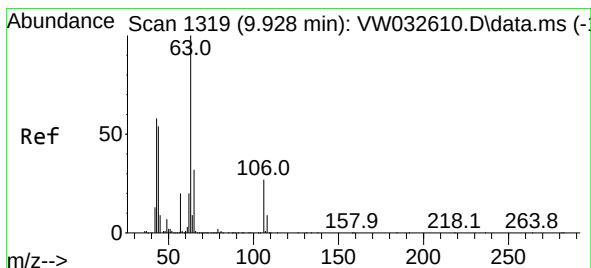
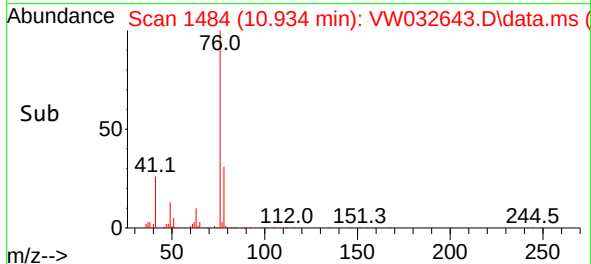
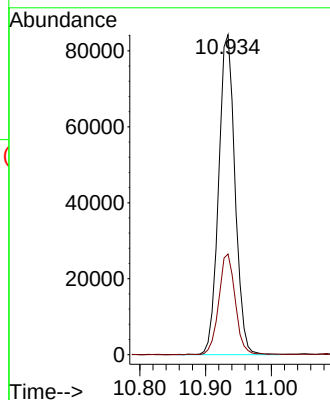
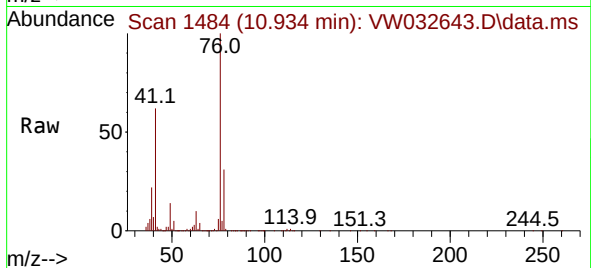
VW1212SBS01

Tgt Ion: 76 Resp: 146009

Ion Ratio Lower Upper

76 100

78 31.9 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 145.040 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032643.D

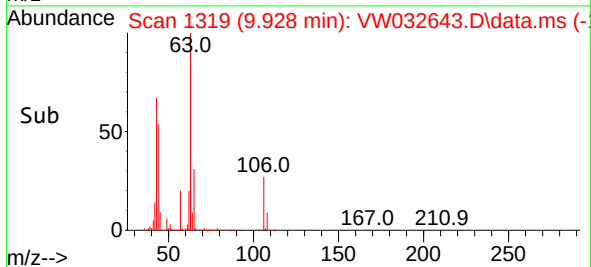
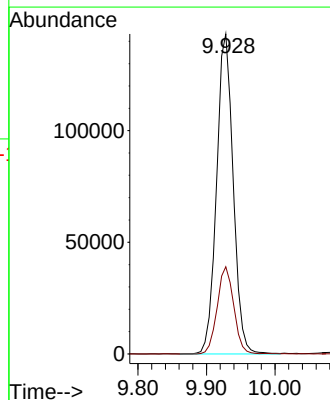
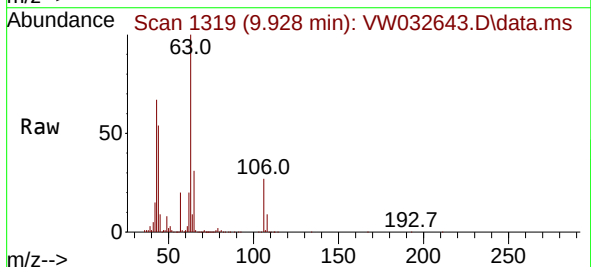
Acq: 12 Dec 2025 10:13

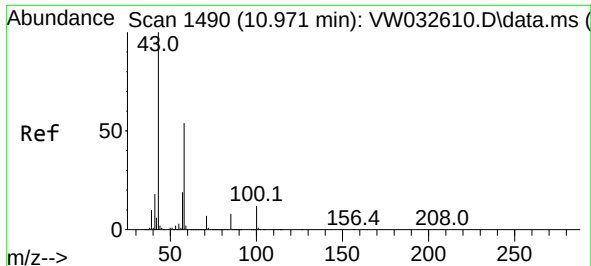
Tgt Ion: 63 Resp: 240426

Ion Ratio Lower Upper

63 100

106 27.2 21.3 31.9

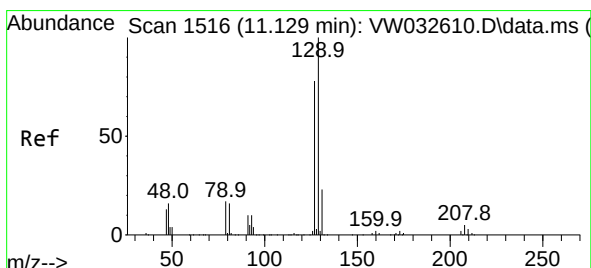
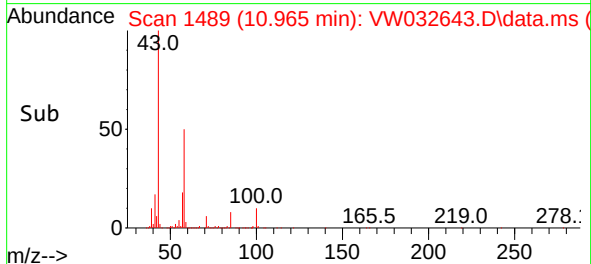
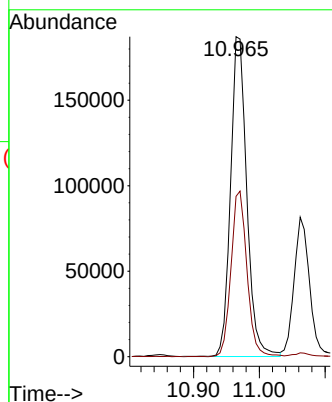
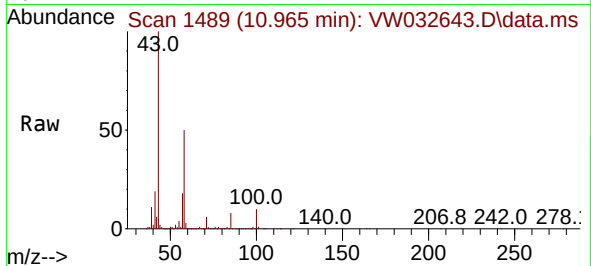




#59
2-Hexanone
Concen: 93.017 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

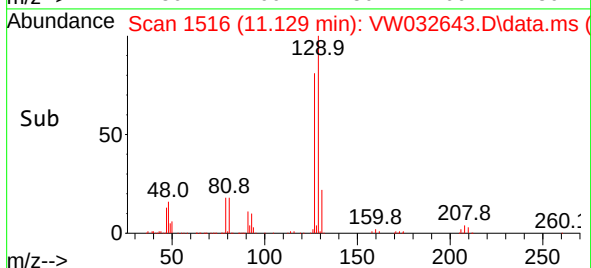
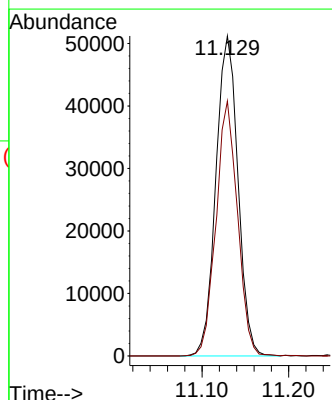
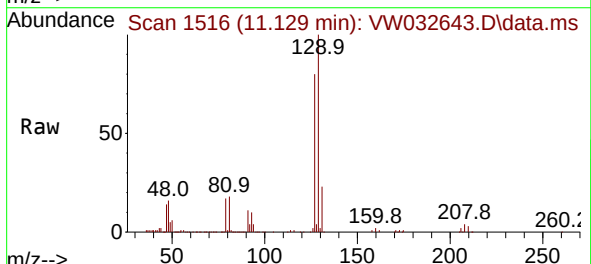
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

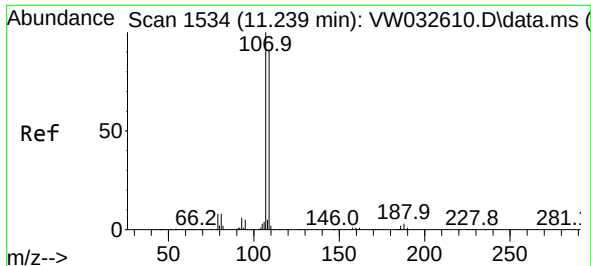
Tgt Ion: 43 Resp: 320921
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9



#60
Dibromochloromethane
Concen: 19.157 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:129 Resp: 90564
Ion Ratio Lower Upper
129 100
127 77.7 37.2 111.6

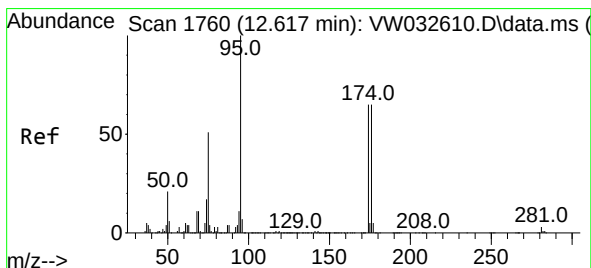
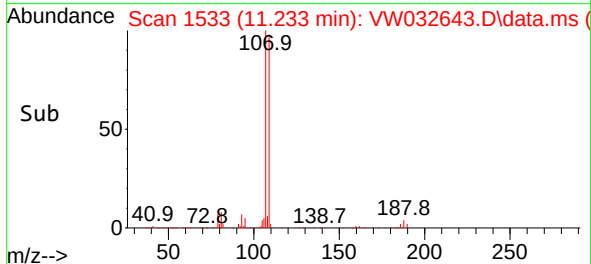
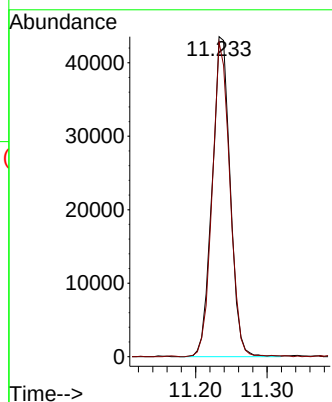
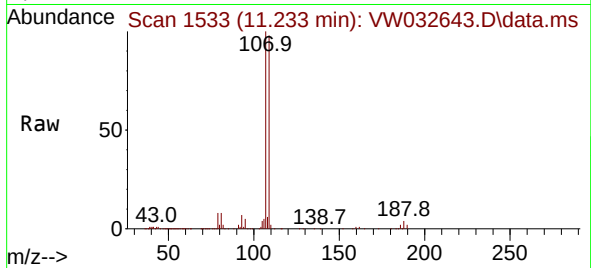




#61
1,2-Dibromoethane
Concen: 18.581 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

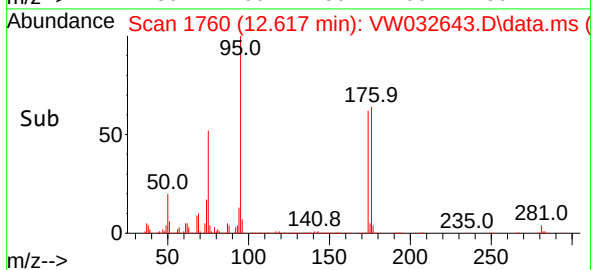
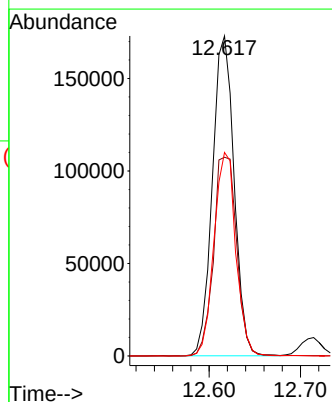
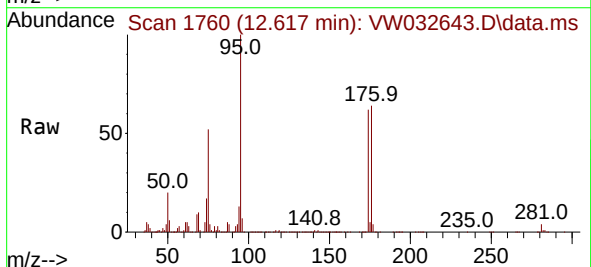
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

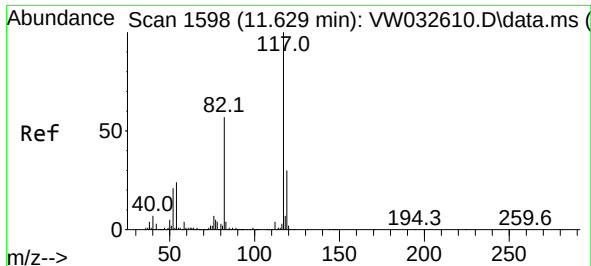
Tgt Ion:107 Resp: 76259
Ion Ratio Lower Upper
107 100
109 96.1 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 44.256 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 95 Resp: 284882
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.0
176 64.2 0.0 123.4

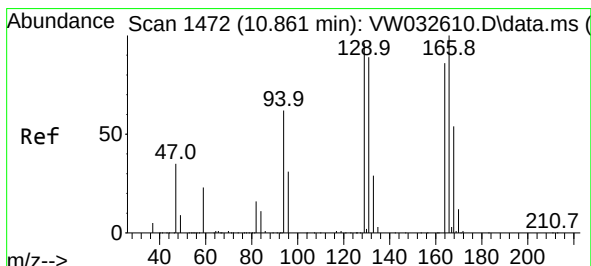
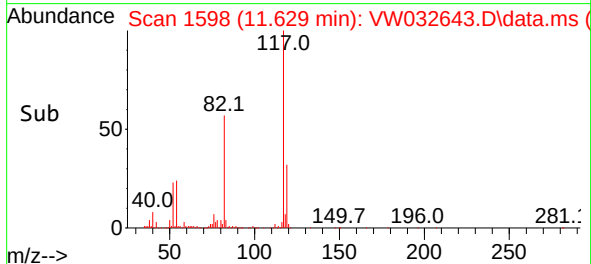
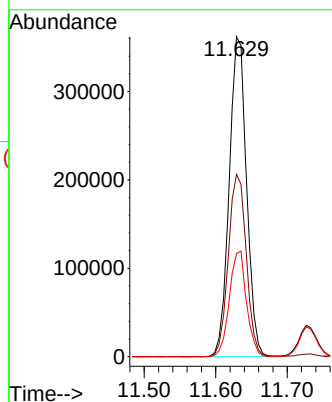
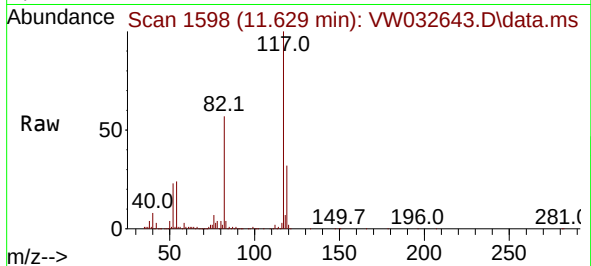




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

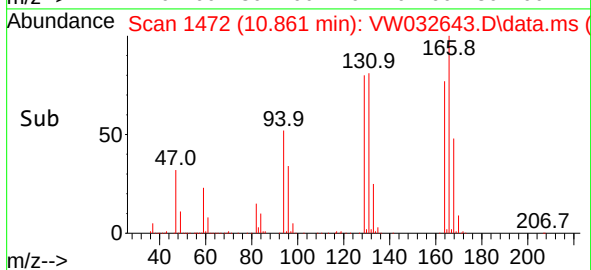
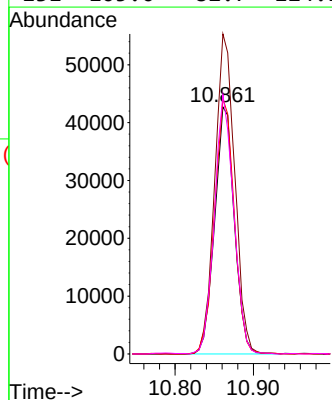
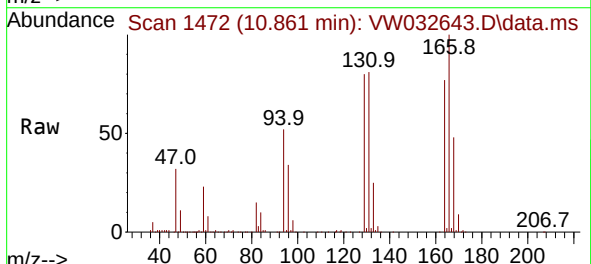
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

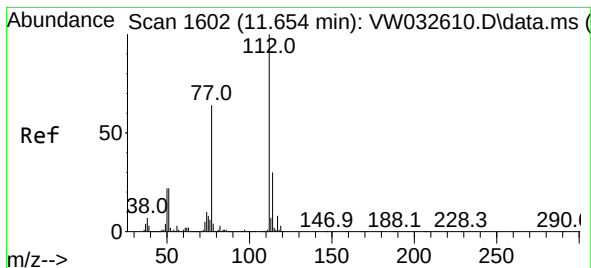
Tgt Ion:117 Resp: 610034
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 32.3 23.8 35.8



#64
Tetrachloroethene
Concen: 19.015 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:164 Resp: 74373
Ion Ratio Lower Upper
164 100
166 129.5 93.0 139.6
129 103.3 89.2 133.8
131 105.0 82.7 124.1

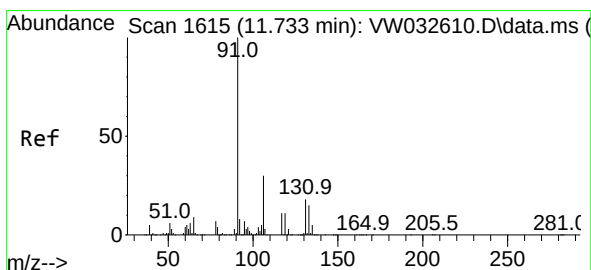
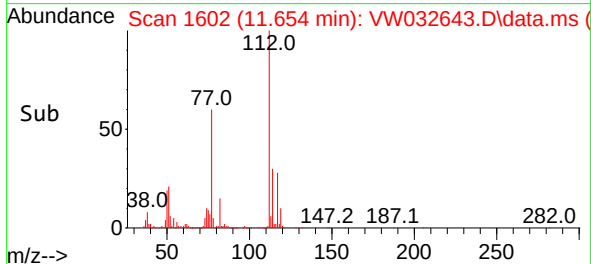
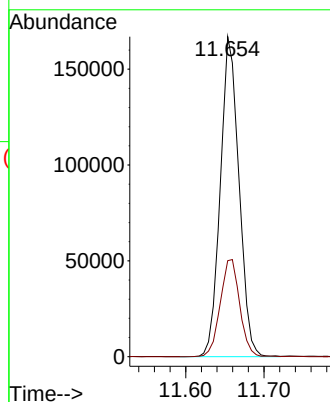
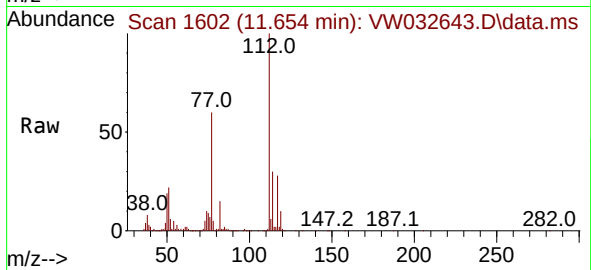




#65
Chlorobenzene
Concen: 19.880 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

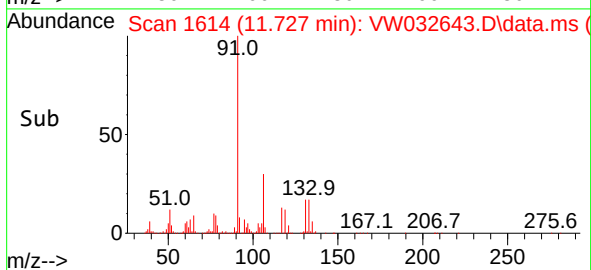
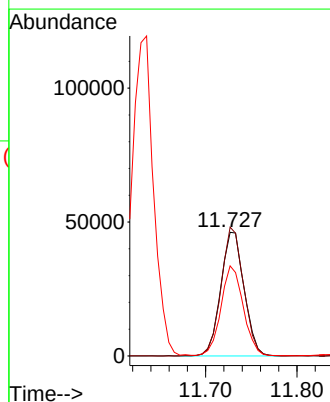
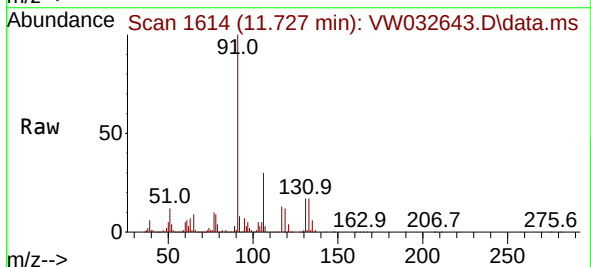
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

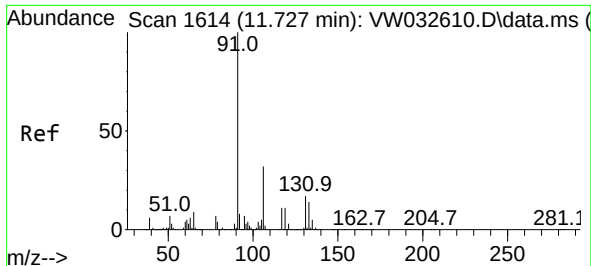
Tgt Ion:112 Resp: 276925
Ion Ratio Lower Upper
112 100
114 30.0 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.848 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:131 Resp: 81990
Ion Ratio Lower Upper
131 100
133 100.4 44.0 132.1
119 69.6 32.0 96.2





#67

Ethyl Benzene

Concen: 19.380 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

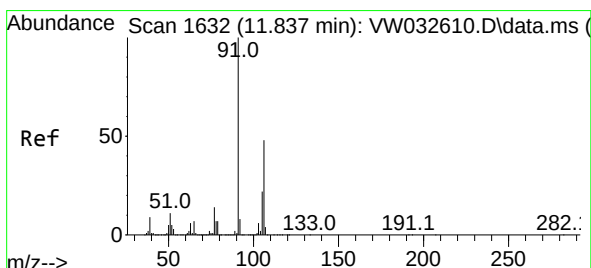
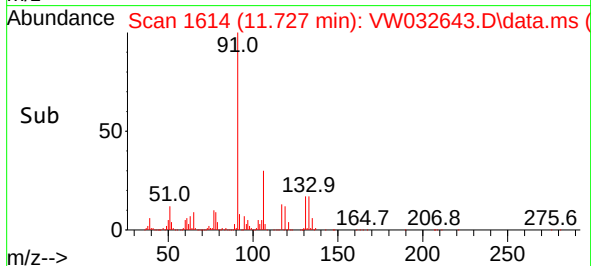
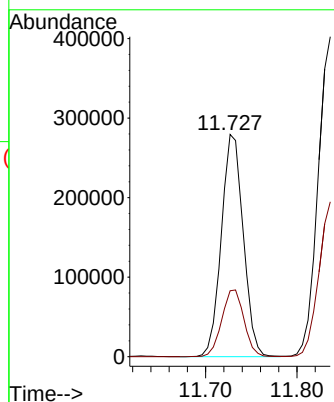
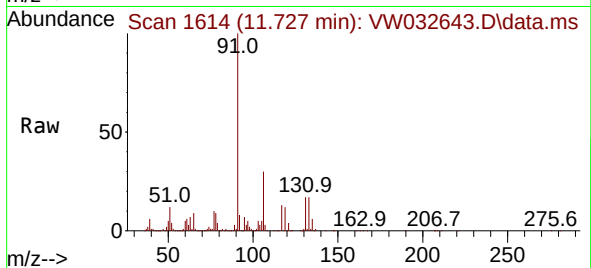
VW1212SBS01

Tgt Ion: 91 Resp: 466543

Ion Ratio Lower Upper

91 100

106 29.7 25.8 38.6



#68

m/p-Xylenes

Concen: 39.247 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032643.D

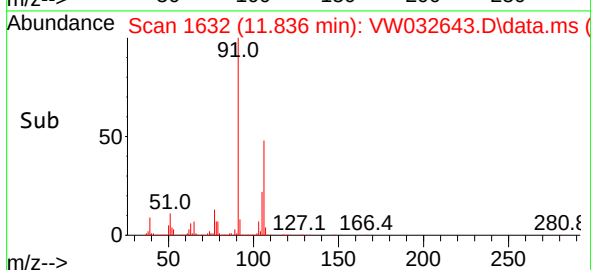
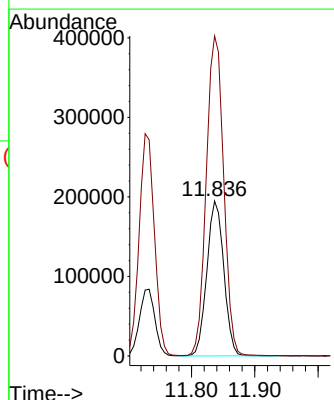
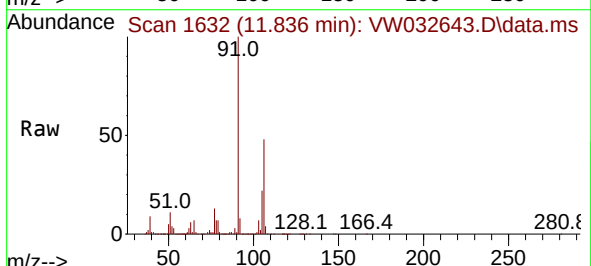
Acq: 12 Dec 2025 10:13

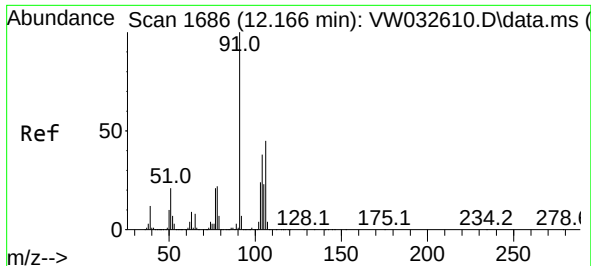
Tgt Ion:106 Resp: 362601

Ion Ratio Lower Upper

106 100

91 212.1 165.6 248.4

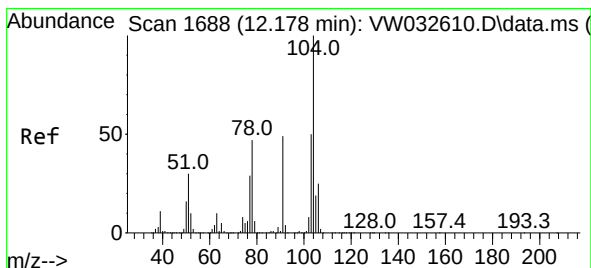
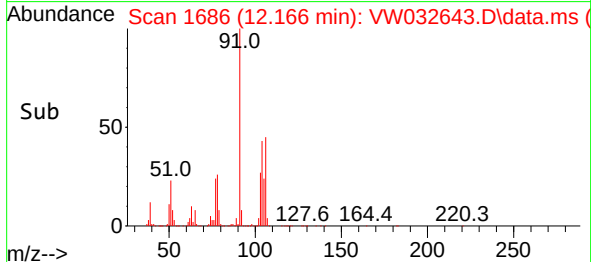
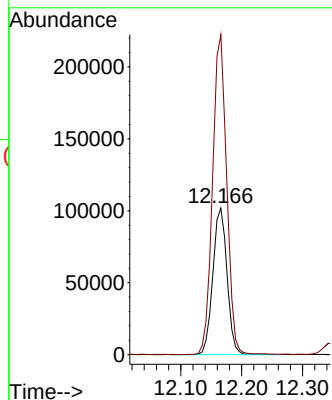
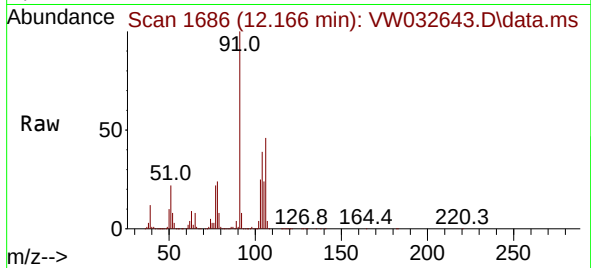




#69
o-Xylene
Concen: 19.349 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

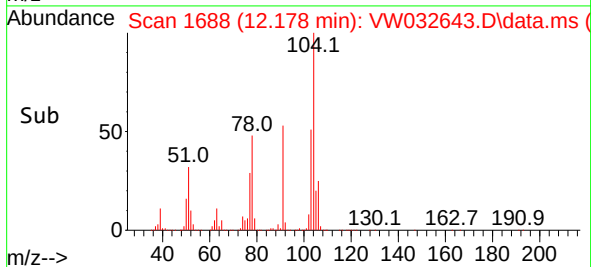
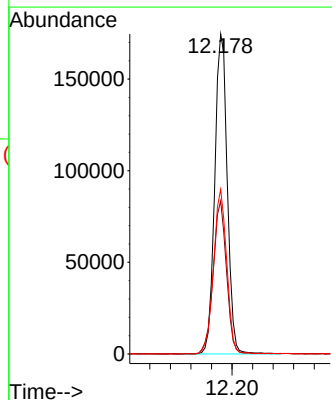
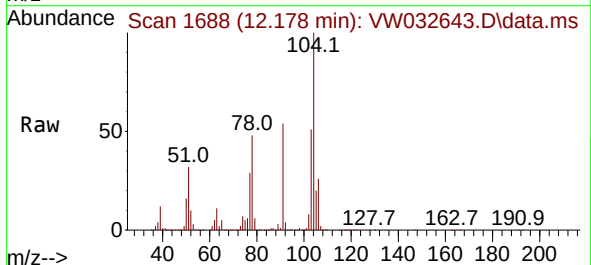
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

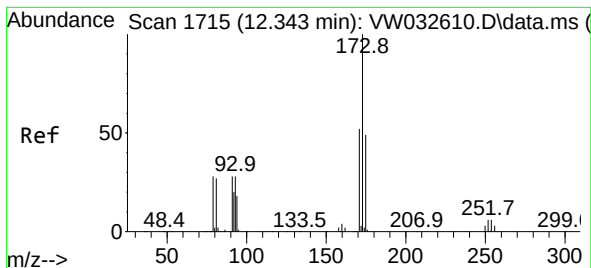
Tgt Ion:106 Resp: 164870
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8



#70
Styrene
Concen: 19.937 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:104 Resp: 296157
Ion Ratio Lower Upper
104 100
78 50.4 41.5 62.3
103 54.0 43.8 65.6





#71

Bromoform

Concen: 18.421 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBS01

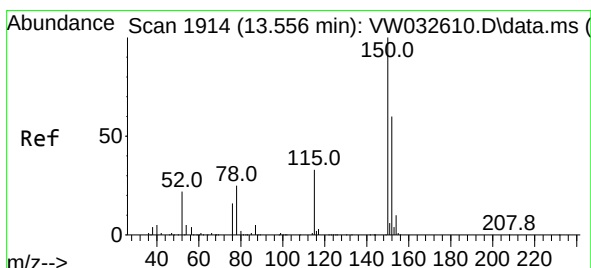
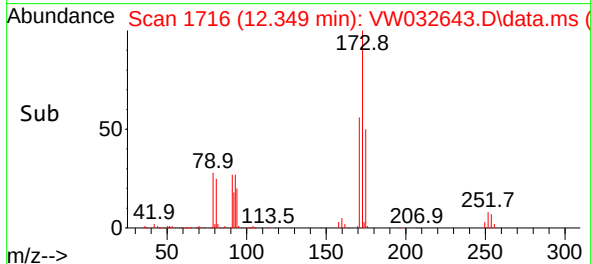
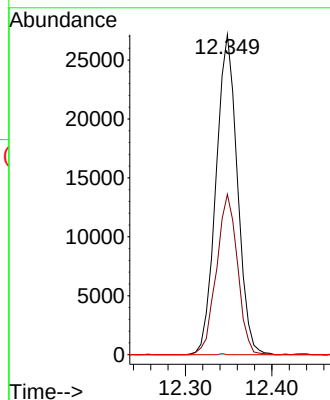
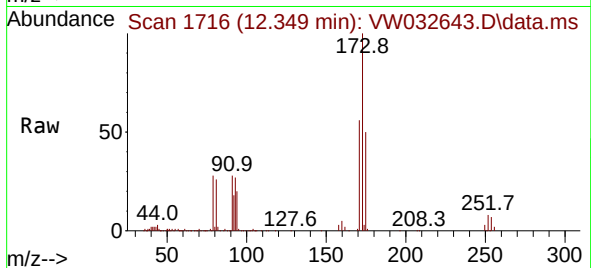
Tgt Ion:173 Resp: 46528

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

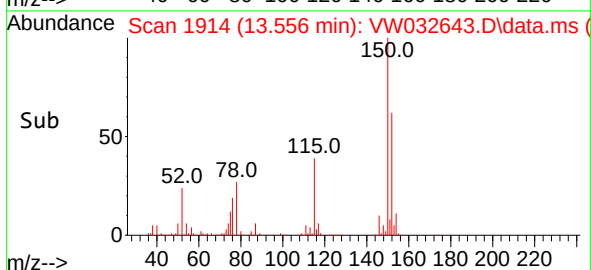
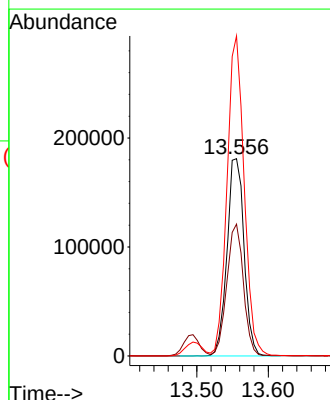
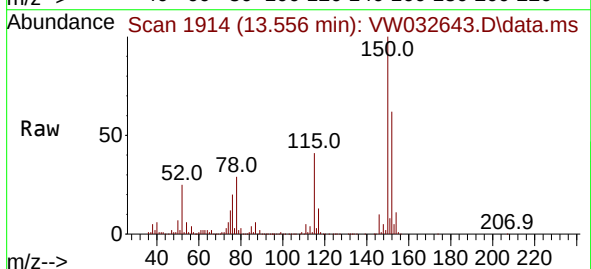
Tgt Ion:152 Resp: 299289

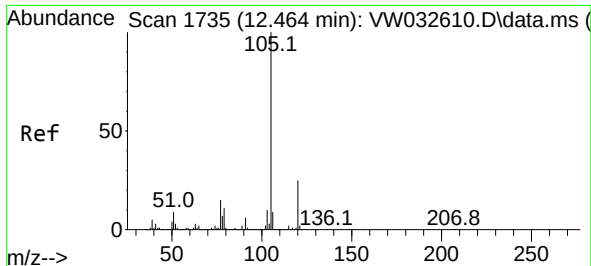
Ion Ratio Lower Upper

152 100

115 65.2 33.8 101.3

150 162.6 0.0 369.4

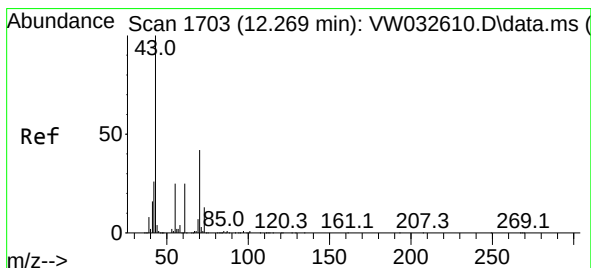
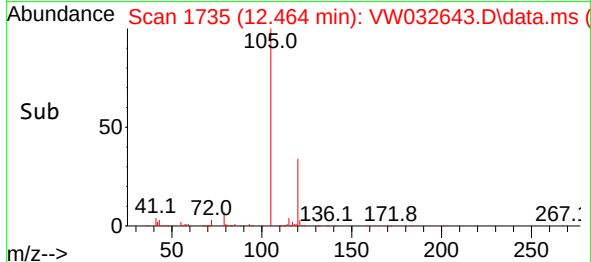
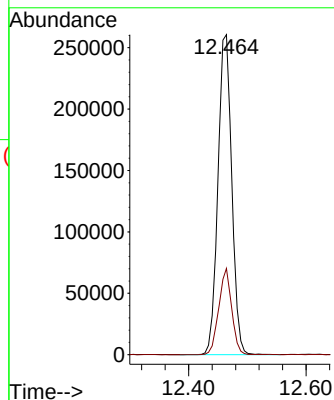
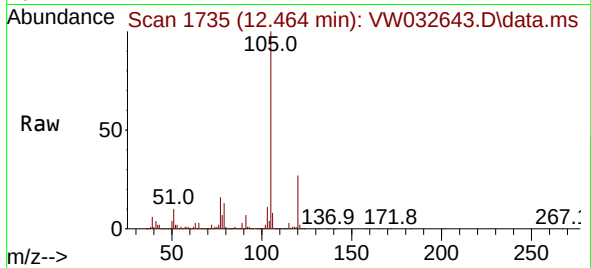




#73
Isopropylbenzene
Concen: 18.694 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

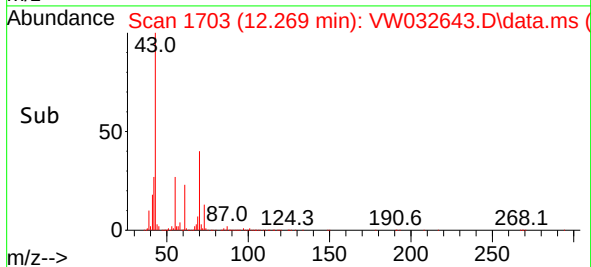
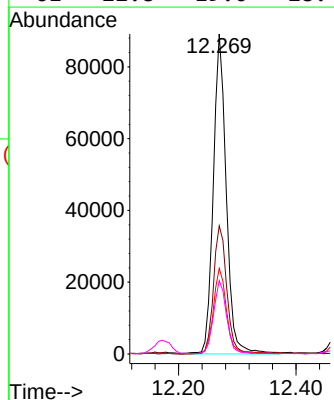
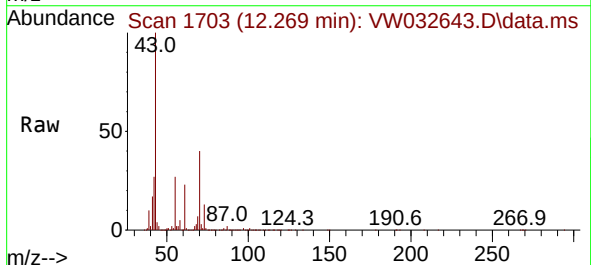
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

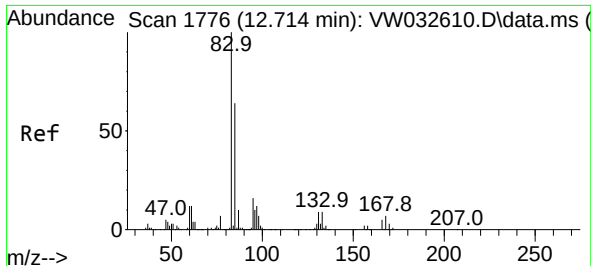
Tgt Ion:105 Resp: 425551
Ion Ratio Lower Upper
105 100
120 25.2 13.0 39.0



#74
N-ethyl acetate
Concen: 17.553 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 43 Resp: 136900
Ion Ratio Lower Upper
43 100
70 41.4 32.4 48.6
55 26.9 19.8 29.6
61 22.8 19.0 28.4

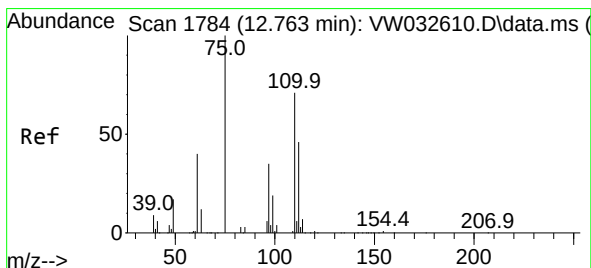
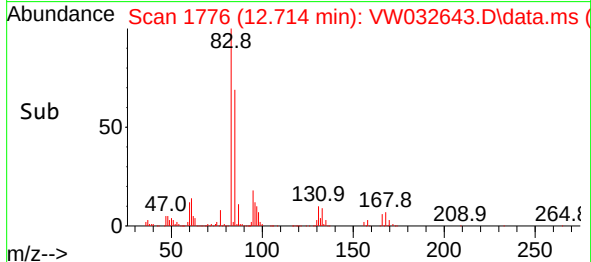
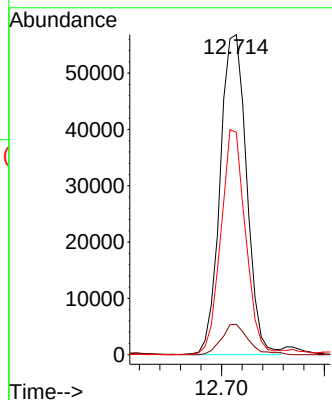
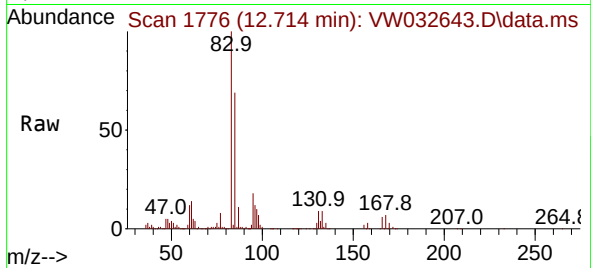




#75
1,1,2,2-Tetrachloroethane
Concen: 18.527 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

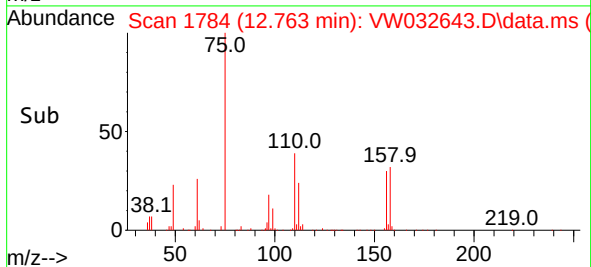
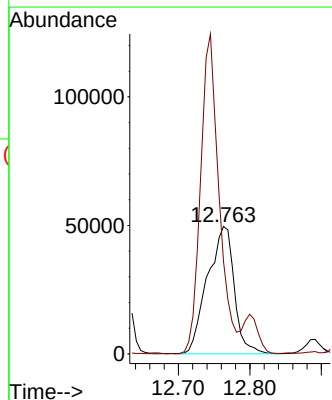
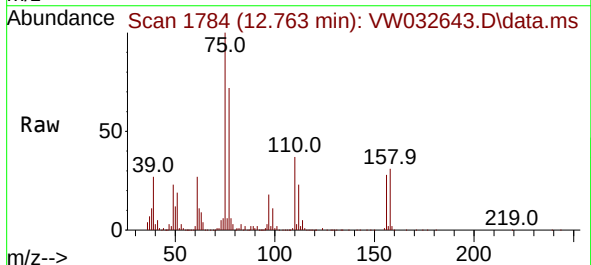
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

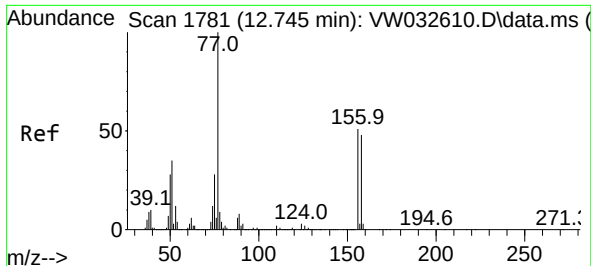
Tgt Ion: 83 Resp: 101533
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 65.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 31.970 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 75 Resp: 128397
Ion Ratio Lower Upper
75 100
77 173.6 154.0 462.0

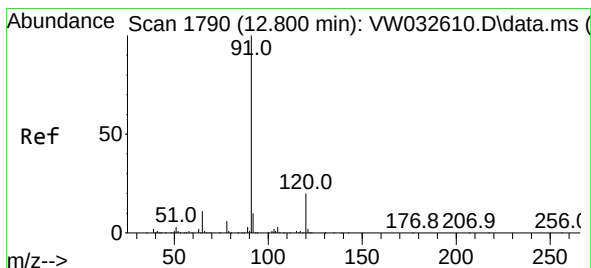
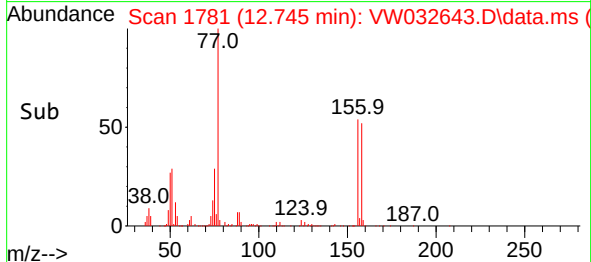
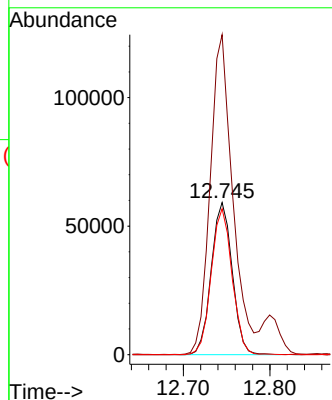
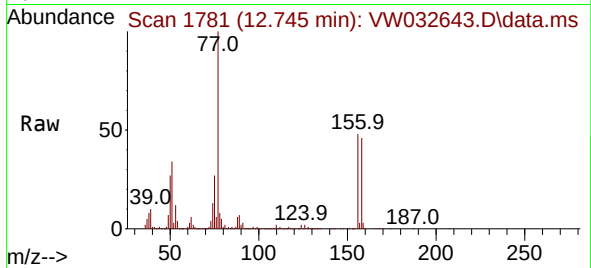




#77
Bromobenzene
Concen: 19.034 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

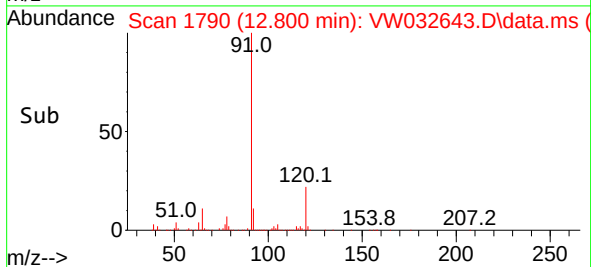
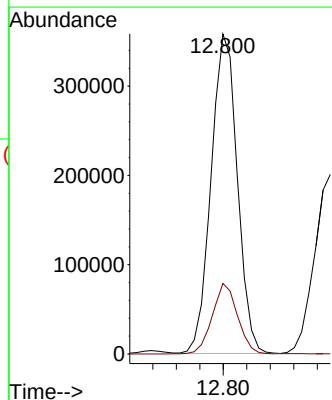
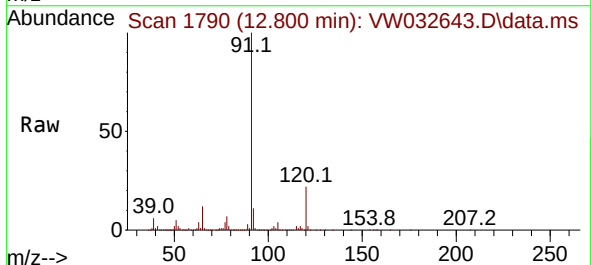
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

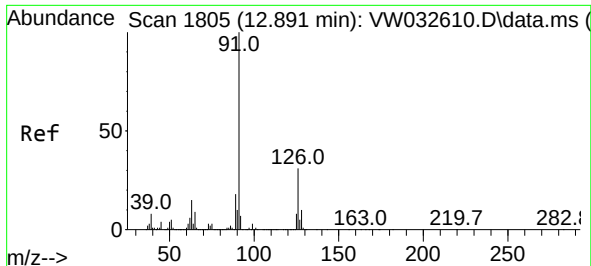
Tgt Ion:156 Resp: 99425
Ion Ratio Lower Upper
156 100
77 224.2 116.7 350.1
158 95.7 49.9 149.7



#78
n-propylbenzene
Concen: 19.072 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 91 Resp: 554567
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.6

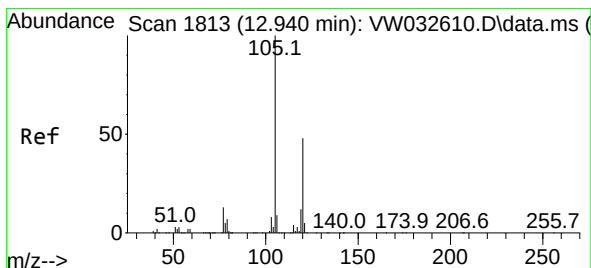
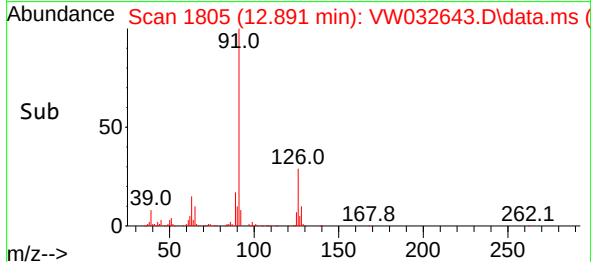
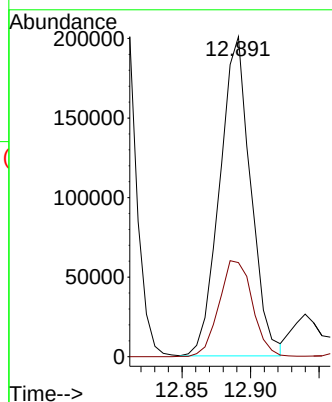
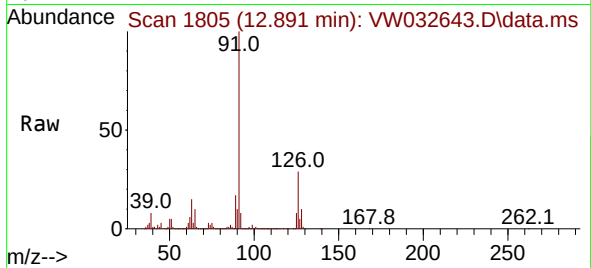




#79
2-Chlorotoluene
Concen: 18.507 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

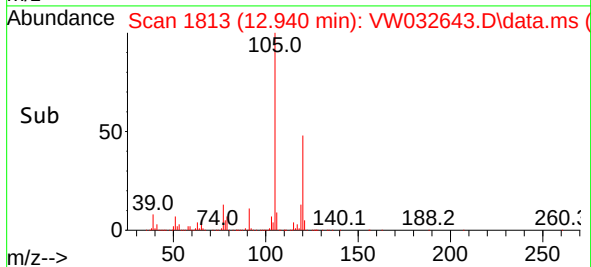
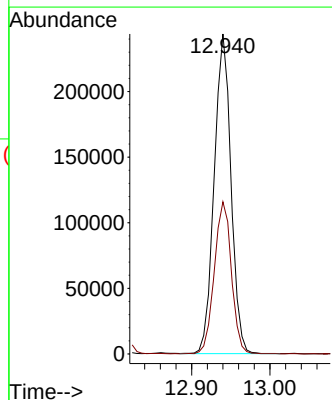
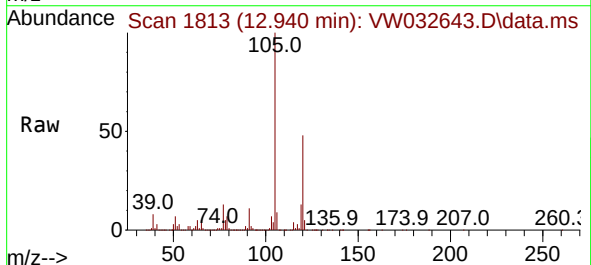
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

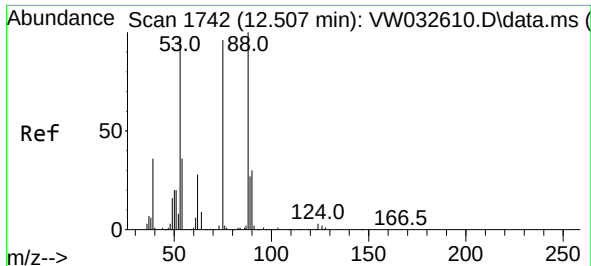
Tgt Ion: 91 Resp: 315891
Ion Ratio Lower Upper
91 100
126 32.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 18.981 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 105 Resp: 362925
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

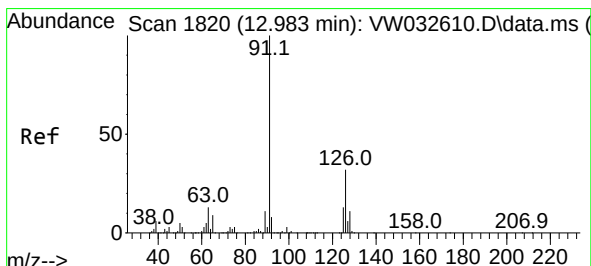
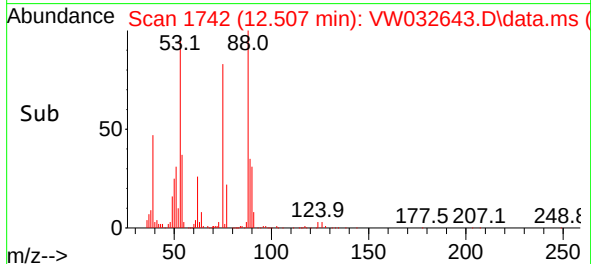
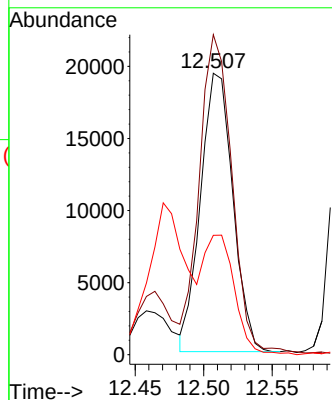
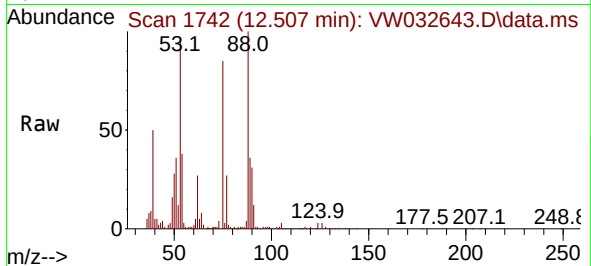




#81
trans-1,4-Dichloro-2-butene
Concen: 22.271 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

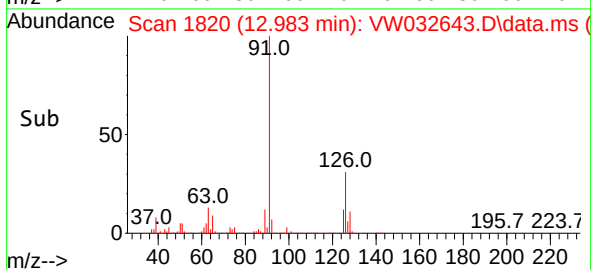
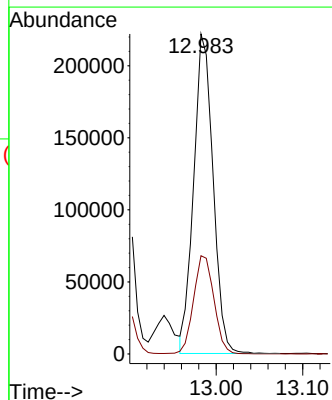
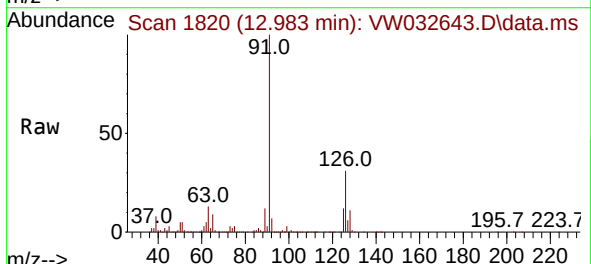
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

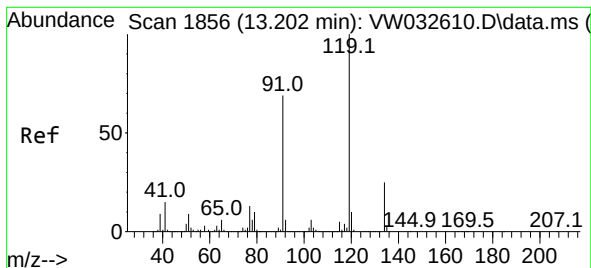
Tgt Ion: 75 Resp: 31691
Ion Ratio Lower Upper
75 100
53 114.3 86.1 129.1
89 40.6 37.4 56.2



#82
4-Chlorotoluene
Concen: 19.004 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 91 Resp: 344494
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 18.477 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBS01

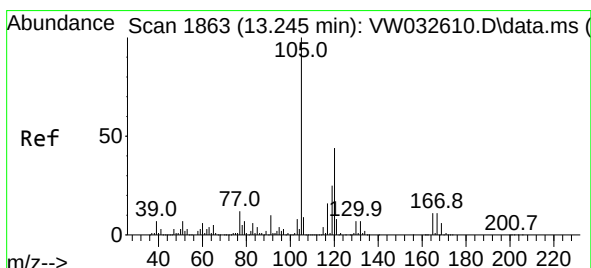
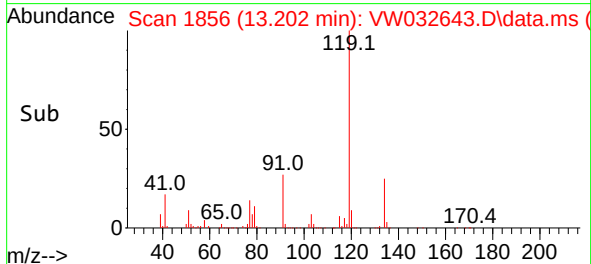
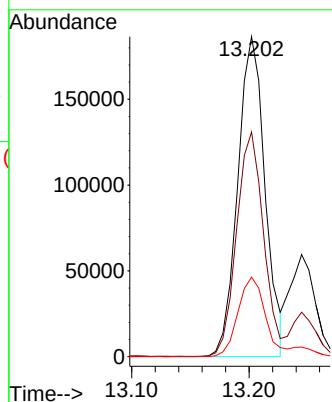
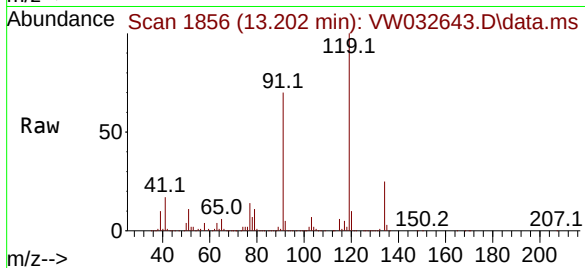
Tgt Ion:119 Resp: 300957

Ion Ratio Lower Upper

119 100

91 69.1 34.3 102.8

134 24.9 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 19.428 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032643.D

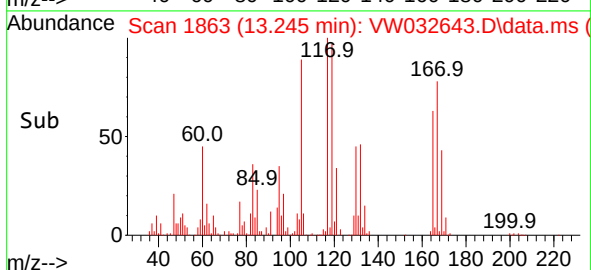
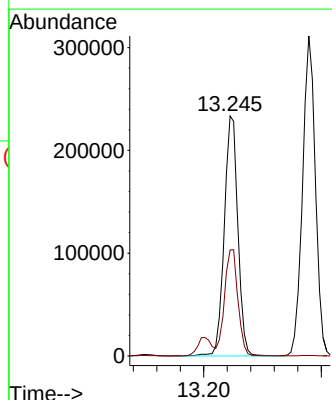
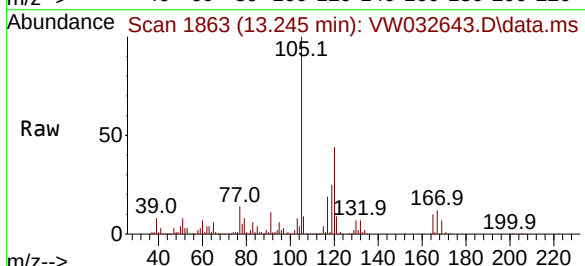
Acq: 12 Dec 2025 10:13

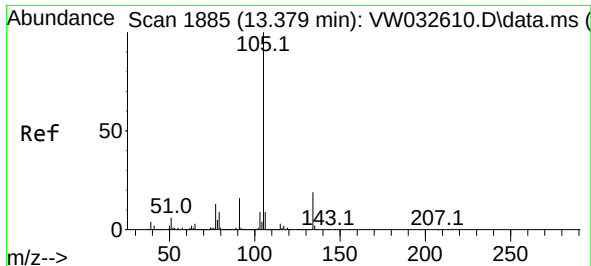
Tgt Ion:105 Resp: 374641

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.0

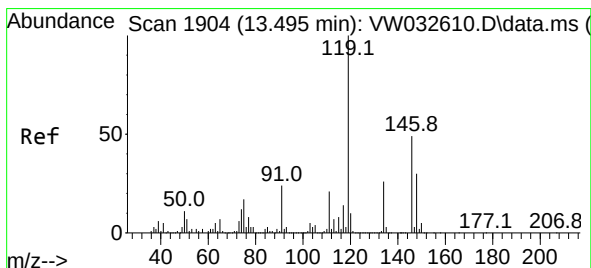
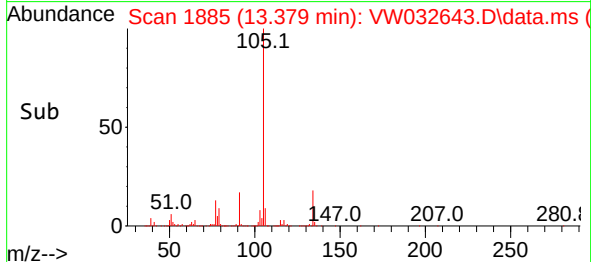
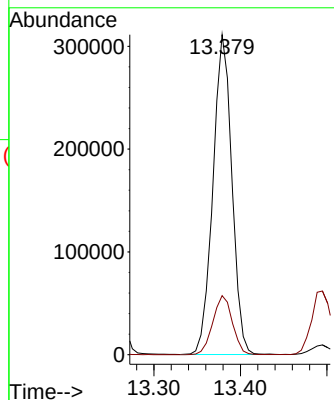
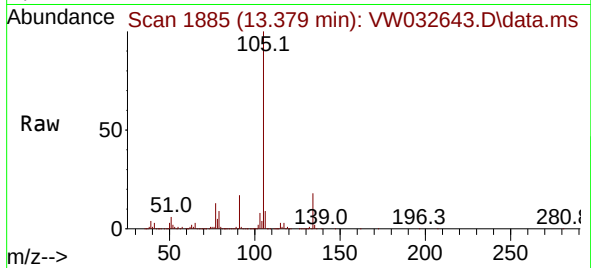




#85
 sec-Butylbenzene
 Concen: 18.957 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

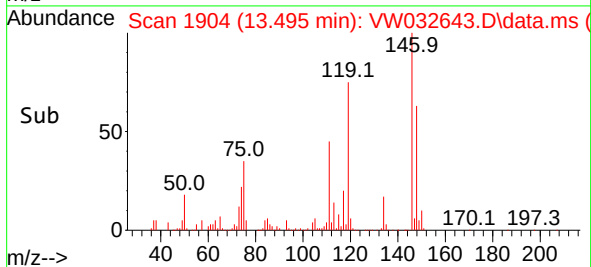
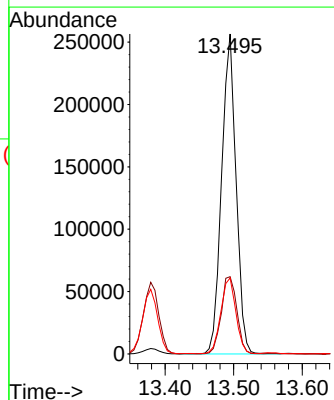
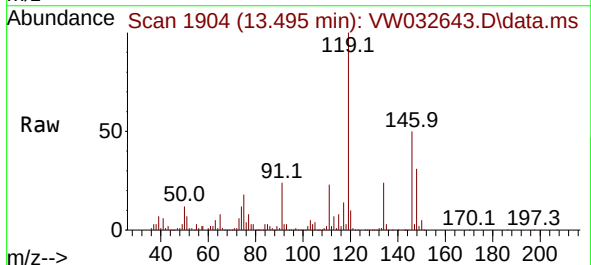
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBS01

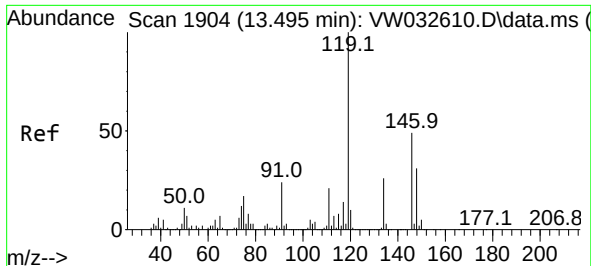
Tgt Ion:105 Resp: 472764
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.412 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032643.D
 Acq: 12 Dec 2025 10:13

Tgt Ion:119 Resp: 373458
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.857 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBS01

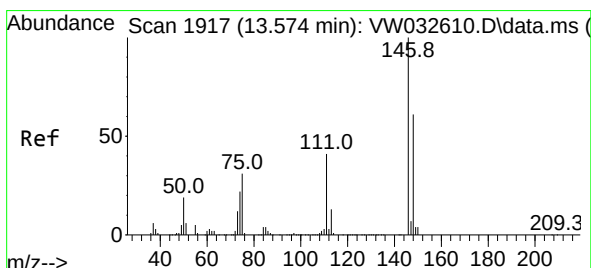
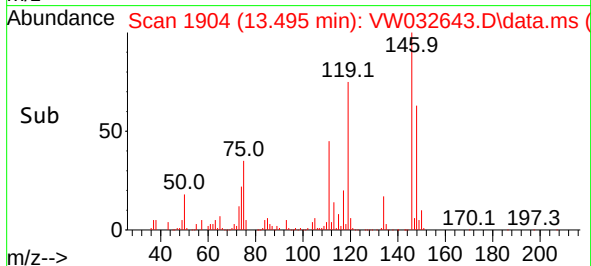
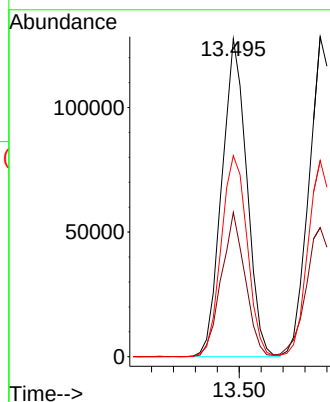
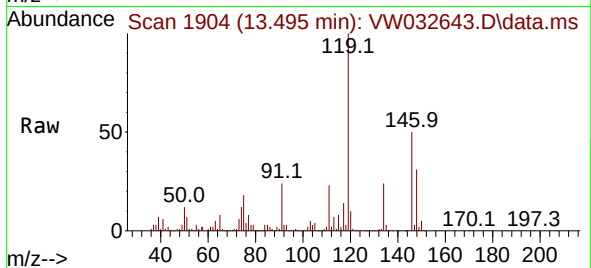
Tgt Ion:146 Resp: 201612

Ion Ratio Lower Upper

146 100

111 43.2 21.6 64.6

148 65.7 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 18.829 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

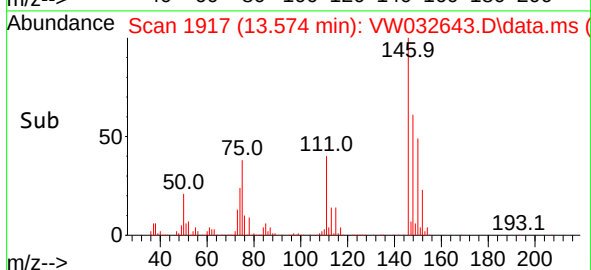
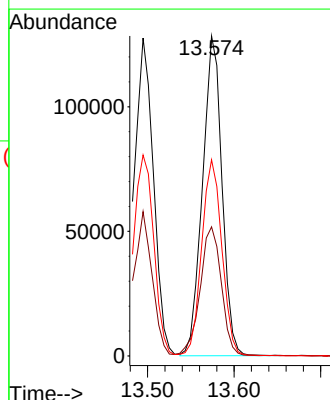
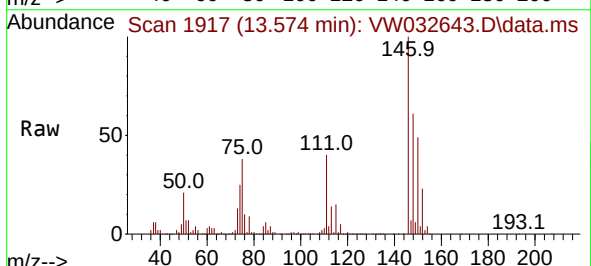
Tgt Ion:146 Resp: 200467

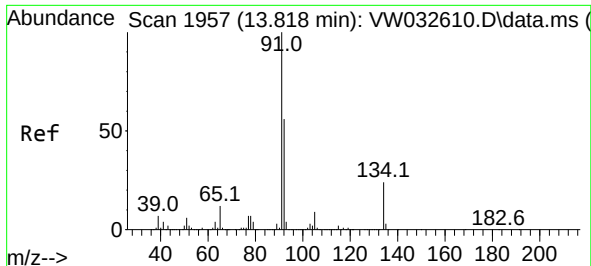
Ion Ratio Lower Upper

146 100

111 43.8 20.9 62.8

148 63.7 30.4 91.2

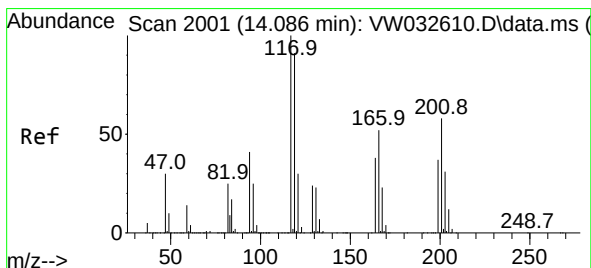
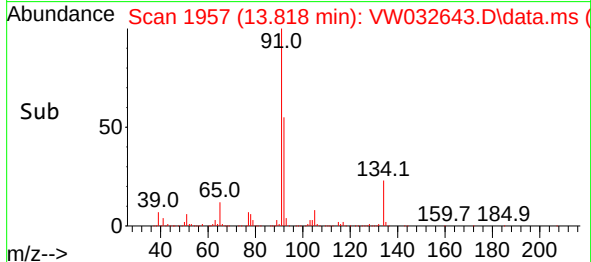
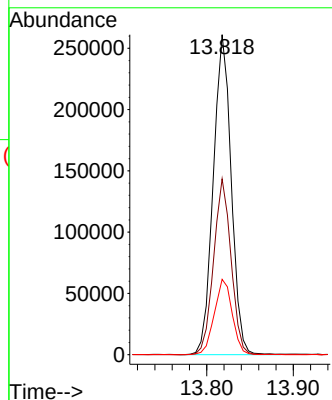
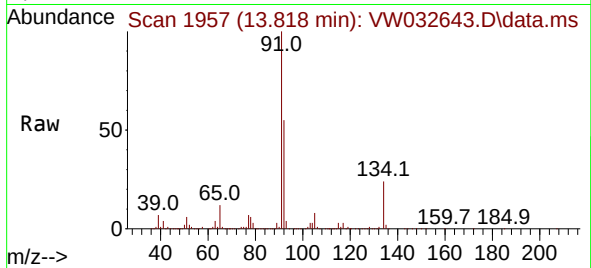




#89
n-Butylbenzene
Concen: 18.459 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

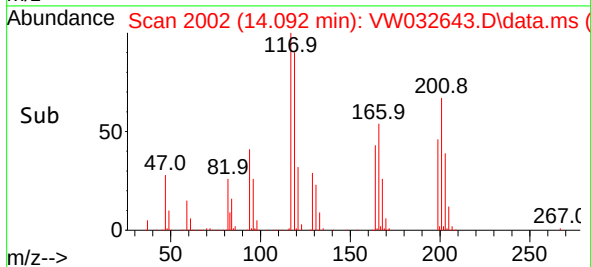
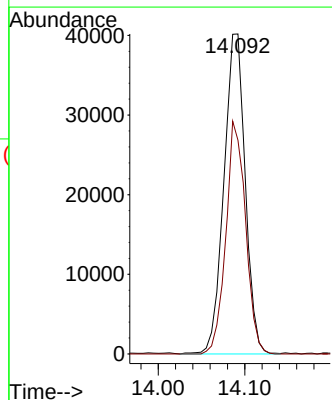
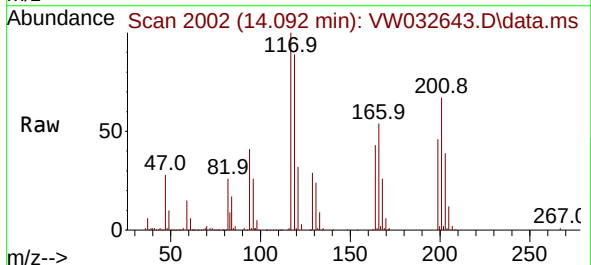
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

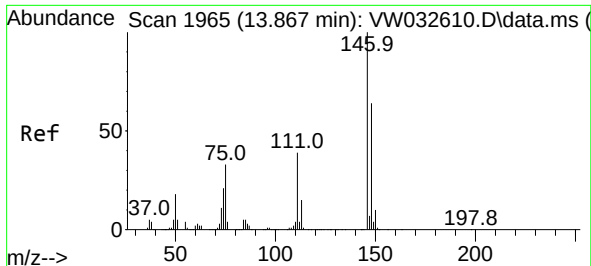
Tgt Ion: 91 Resp: 376187
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 18.150 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion: 117 Resp: 68763
Ion Ratio Lower Upper
117 100
201 67.2 30.4 91.2





#91

1,2-Dichlorobenzene

Concen: 18.456 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBS01

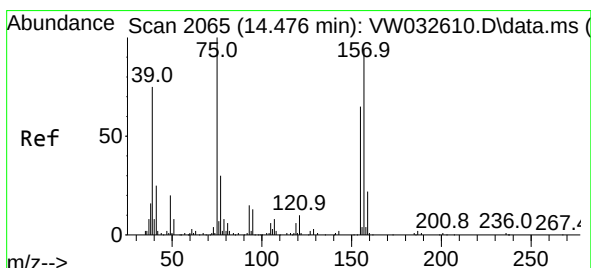
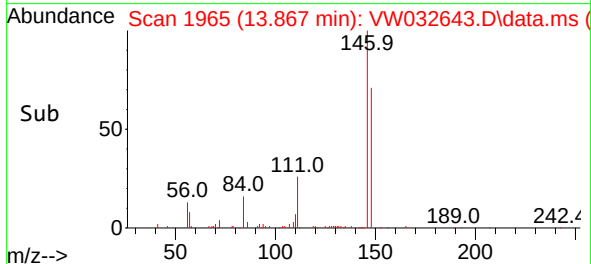
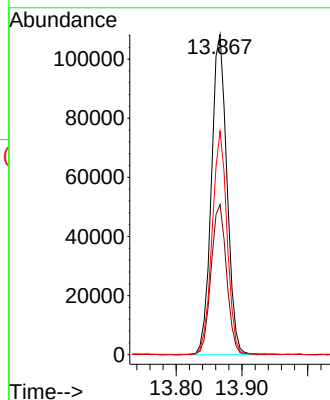
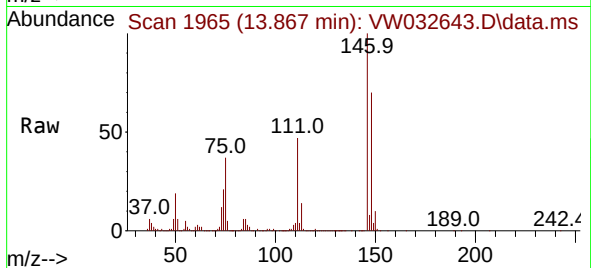
Tgt Ion:146 Resp: 178115

Ion Ratio Lower Upper

146 100

111 47.0 21.5 64.5

148 67.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.975 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

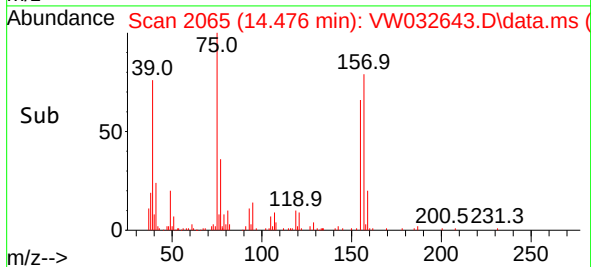
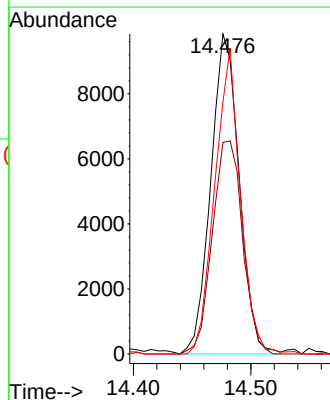
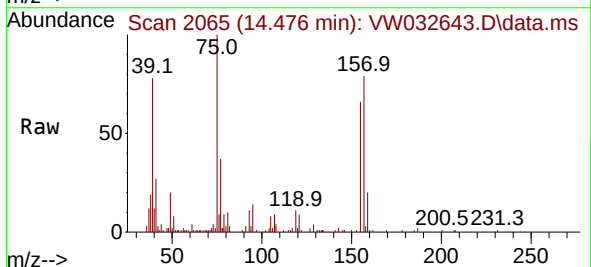
Tgt Ion: 75 Resp: 16523

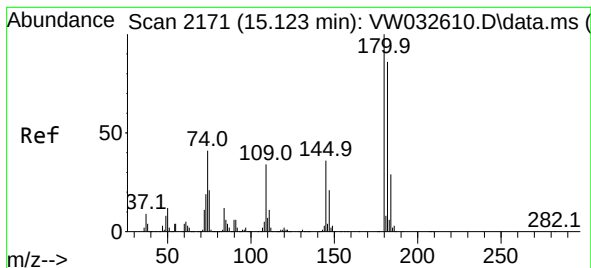
Ion Ratio Lower Upper

75 100

155 71.0 35.3 105.9

157 86.0 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 17.056 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBS01

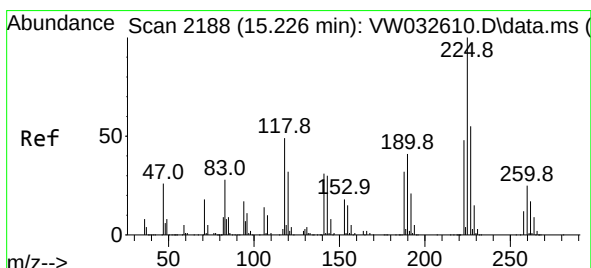
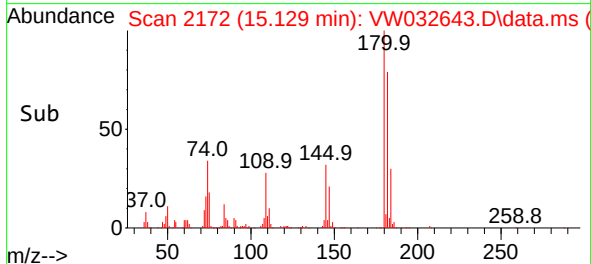
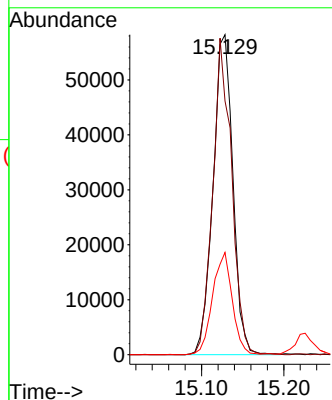
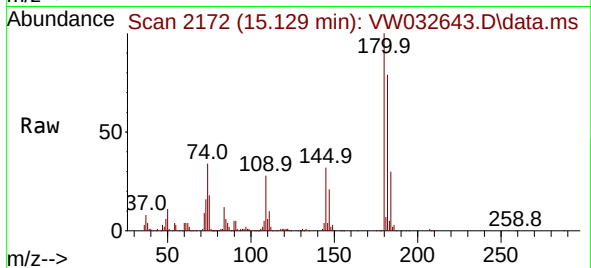
Tgt Ion:180 Resp: 97767

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 31.8 17.1 51.3



#94

Hexachlorobutadiene

Concen: 18.449 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032643.D

Acq: 12 Dec 2025 10:13

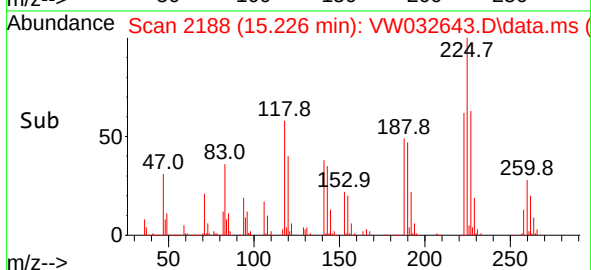
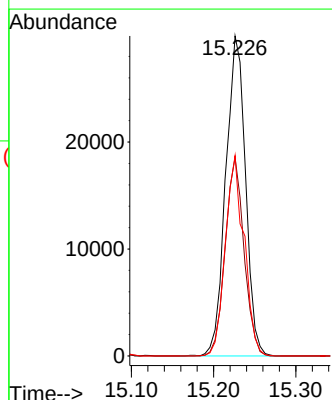
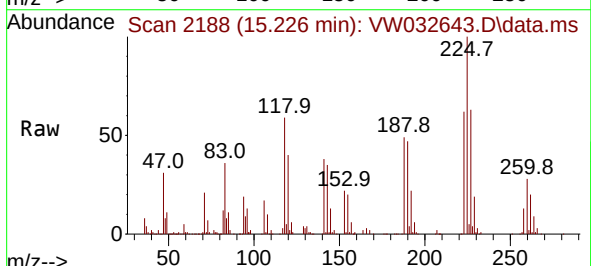
Tgt Ion:225 Resp: 49989

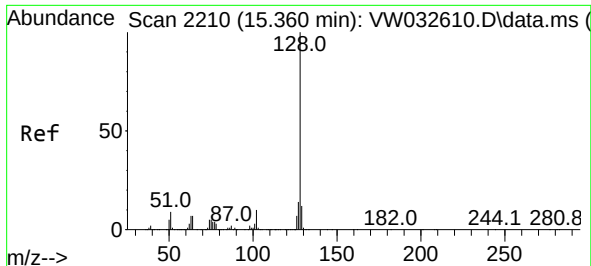
Ion Ratio Lower Upper

225 100

223 59.1 30.3 90.8

227 59.6 29.1 87.4

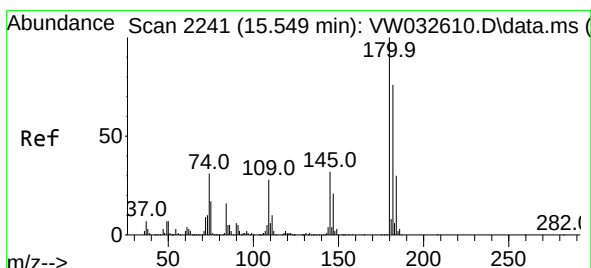
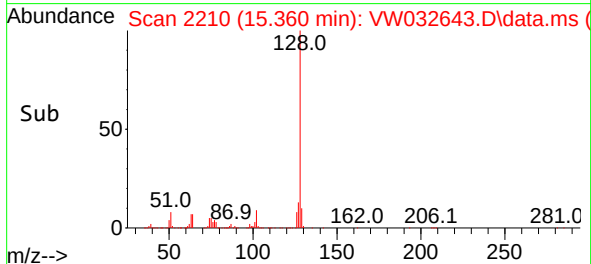
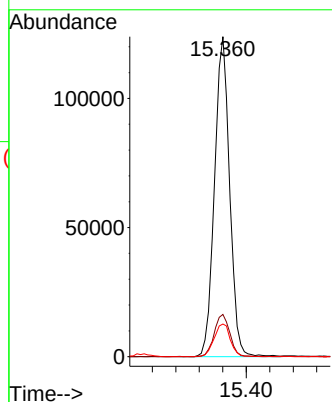
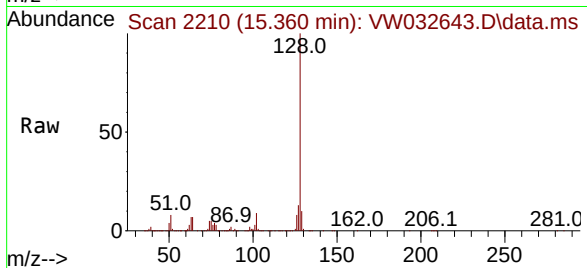




#95
Naphthalene
Concen: 21.126 ug/l
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

Tgt Ion:128 Resp: 220994
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 17.247 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032643.D
Acq: 12 Dec 2025 10:13

Tgt Ion:180 Resp: 93446
Ion Ratio Lower Upper
180 100
182 96.3 45.9 137.6
145 34.2 17.0 51.0

