

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032644.D
 Acq On : 12 Dec 2025 10:34
 Operator : SY/MD
 Sample : VW1212SBSD01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBSD01

Quant Time: Dec 13 00:06:30 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	7.965	168	364177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	635160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	583673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	289473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	243996	43.117	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	86.240%
35) Dibromofluoromethane	7.904	113	201612	44.897	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	89.800%
50) Toluene-d8	10.324	98	768955	47.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.617	95	280255	46.829	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	49495	21.887	ug/l	97
3) Chloromethane	2.253	50	80974	20.298	ug/l	95
4) Vinyl Chloride	2.405	62	107268	22.534	ug/l	97
5) Bromomethane	2.820	94	67088	21.160	ug/l	96
6) Chloroethane	2.966	64	68240	22.217	ug/l	91
7) Trichlorofluoromethane	3.313	101	94053	22.568	ug/l	99
8) Diethyl Ether	3.728	74	55542	19.904	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	89443	21.433	ug/l	99
10) Methyl Iodide	4.313	142	127525	21.944	ug/l	99
11) Tert butyl alcohol	5.215	59	30985	81.928	ug/l	97
12) 1,1-Dichloroethene	4.075	96	95614	21.628	ug/l	91
13) Acrolein	3.935	56	53286	83.701	ug/l	99
14) Allyl chloride	4.703	41	169376	20.609	ug/l	99
15) Acrylonitrile	5.411	53	145133	93.068	ug/l	99
16) Acetone	4.167	43	172999	90.676	ug/l	97
17) Carbon Disulfide	4.423	76	273432	21.281	ug/l	98
18) Methyl Acetate	4.709	43	66482	17.862	ug/l	100
19) Methyl tert-butyl Ether	5.459	73	176062	20.059	ug/l	98
20) Methylene Chloride	4.953	84	123541	21.210	ug/l	98
21) trans-1,2-Dichloroethene	5.465	96	100038	20.719	ug/l	100
22) Diisopropyl ether	6.343	45	347673	20.893	ug/l	99
23) Vinyl Acetate	6.282	43	1111122	98.749	ug/l	100
24) 1,1-Dichloroethane	6.246	63	199064	20.917	ug/l	98
25) 2-Butanone	7.197	43	199016	88.776	ug/l	95
26) 2,2-Dichloropropane	7.185	77	114715	21.468	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	115772	20.536	ug/l	99
28) Bromochloromethane	7.532	49	79609	21.056	ug/l	97
29) Tetrahydrofuran	7.557	42	121153	90.019	ug/l	99
30) Chloroform	7.691	83	197143	21.001	ug/l	98
31) Cyclohexane	7.971	56	187104	21.330	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	150702	21.832	ug/l	99
36) 1,1-Dichloropropene	8.099	75	143834	21.995	ug/l	100
37) Ethyl Acetate	7.276	43	86400	19.289	ug/l	99
38) Carbon Tetrachloride	8.081	117	132525	21.910	ug/l	97
39) Methylcyclohexane	9.343	83	179296	21.802	ug/l	95
40) Benzene	8.337	78	430745	21.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	50338	21.026	ug/l	94
42) 1,2-Dichloroethane	8.416	62	133361	21.114	ug/l	100
43) Isopropyl Acetate	8.434	43	151735	19.101	ug/l	99
44) Trichloroethene	9.099	130	97521	21.529	ug/l	98
45) 1,2-Dichloropropane	9.373	63	109194	21.753	ug/l	99
46) Dibromomethane	9.465	93	61445	20.893	ug/l	99
47) Bromodichloromethane	9.654	83	144741	21.157	ug/l	99
48) Methyl methacrylate	9.440	41	75949	20.256	ug/l	92
49) 1,4-Dioxane	9.465	88	14732	373.391	ug/l #	99
51) 4-Methyl-2-Pentanone	10.215	43	432029	97.548	ug/l	99
52) Toluene	10.391	92	274276	22.472	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	136458	20.230	ug/l	98
54) cis-1,3-Dichloropropene	10.080	75	161930	20.818	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	83262	21.100	ug/l	99
56) Ethyl methacrylate	10.647	69	109612	19.241	ug/l	97
57) 1,3-Dichloropropane	10.934	76	147935	20.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	248299	163.274	ug/l	100
59) 2-Hexanone	10.971	43	303458	94.604	ug/l	98
60) Dibromochloromethane	11.129	129	92613	21.071	ug/l	96
61) 1,2-Dibromoethane	11.239	107	79564	20.851	ug/l	98
64) Tetrachloroethene	10.867	164	82917	22.157	ug/l	90
65) Chlorobenzene	11.659	112	285084	21.390	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.733	131	86209	20.713	ug/l	90
67) Ethyl Benzene	11.727	91	493094	21.408	ug/l	96
68) m/p-Xylenes	11.842	106	378174	42.781	ug/l	98
69) o-Xylene	12.165	106	172761	21.191	ug/l	99
70) Styrene	12.178	104	309269	21.760	ug/l	99
71) Bromoform	12.348	173	48533	20.083	ug/l #	97
73) Isopropylbenzene	12.464	105	442180	20.083	ug/l	99
74) N-amyl acetate	12.269	43	135635	17.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	102263	19.293	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	129664	33.381	ug/l	35
77) Bromobenzene	12.745	156	103711	20.527	ug/l	94
78) n-propylbenzene	12.799	91	581480	20.676	ug/l	100
79) 2-Chlorotoluene	12.891	91	340095	20.601	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	376050	20.335	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	32012	23.300	ug/l	95
82) 4-Chlorotoluene	12.988	91	365047	20.821	ug/l	98
83) tert-Butylbenzene	13.202	119	318322	20.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	395008	21.179	ug/l	98
85) sec-Butylbenzene	13.379	105	498125	20.651	ug/l	100
86) p-Isopropyltoluene	13.494	119	407648	20.779	ug/l	100
87) 1,3-Dichlorobenzene	13.494	146	211090	20.412	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	205934	19.998	ug/l	96
89) n-Butylbenzene	13.818	91	407897	20.694	ug/l	98
90) Hexachloroethane	14.086	117	75699	20.659	ug/l	95
91) 1,2-Dichlorobenzene	13.866	146	187225	20.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	16285	17.298	ug/l	96
93) 1,2,4-Trichlorobenzene	15.128	180	109895	19.822	ug/l	96
94) Hexachlorobutadiene	15.232	225	52079	19.872	ug/l	99
95) Naphthalene	15.360	128	233676	23.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	98105	18.720	ug/l	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

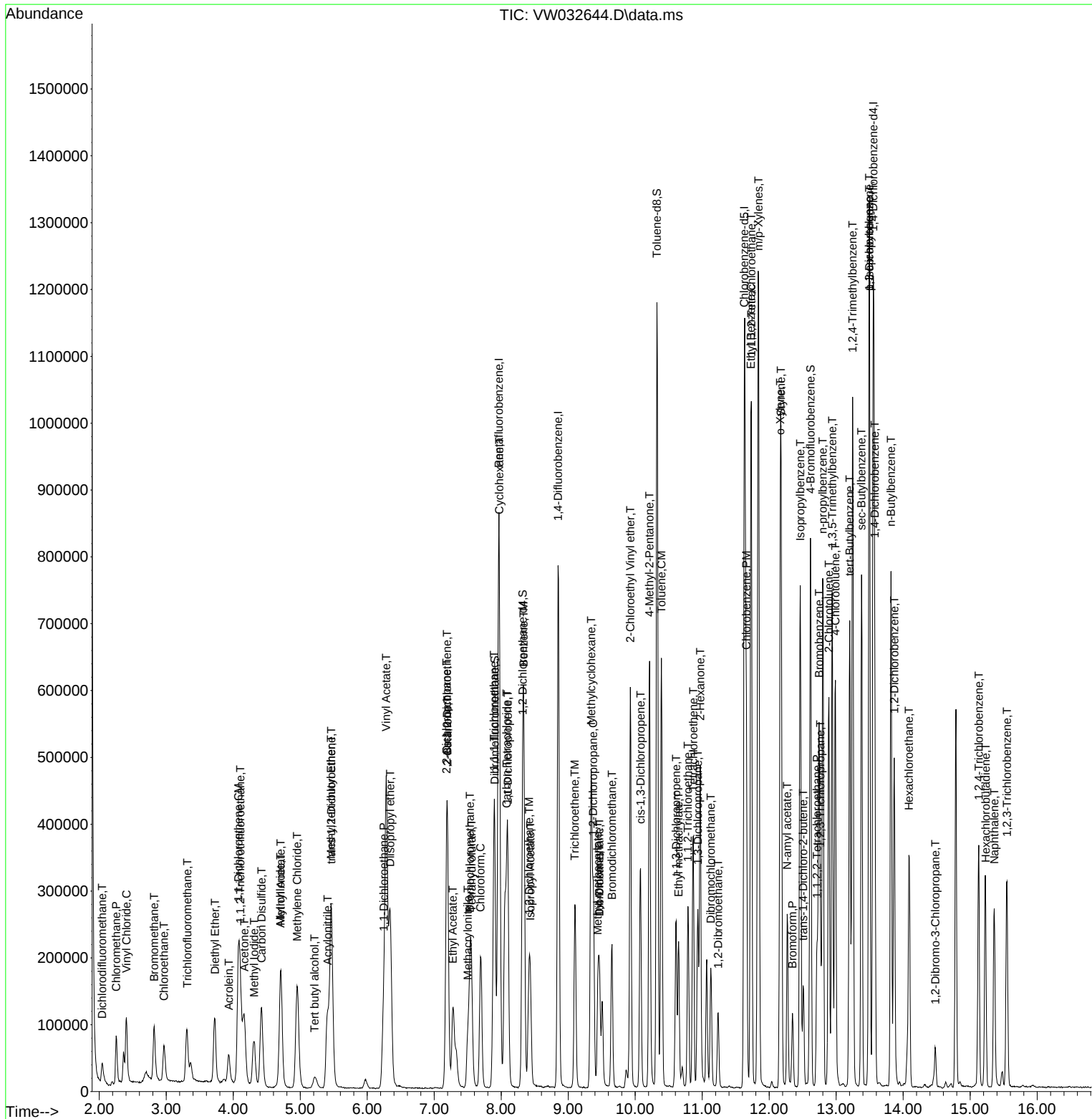
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

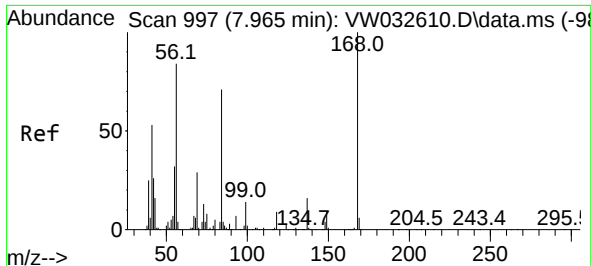
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
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VW1212SBSD01

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Quant Title : SW846 8260
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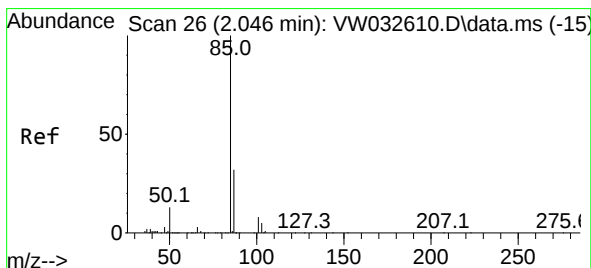
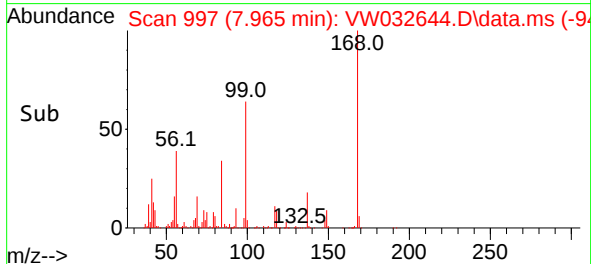
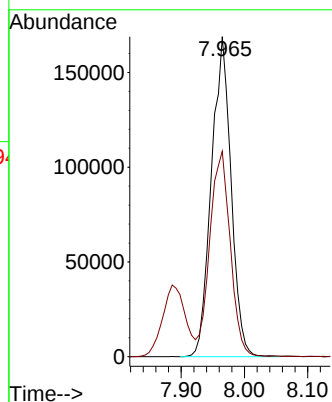
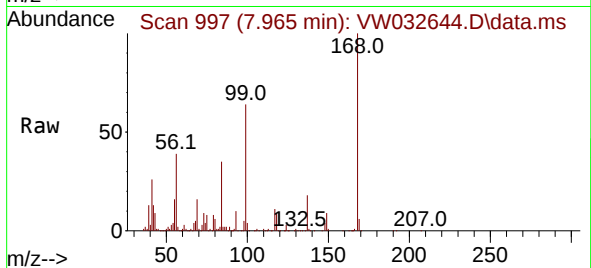




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
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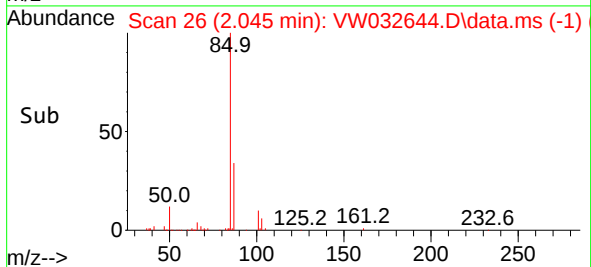
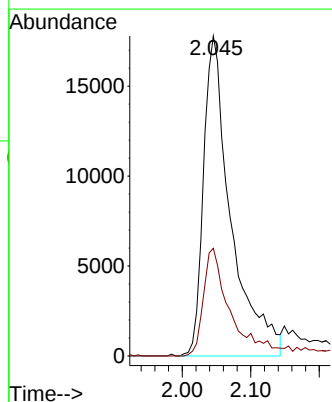
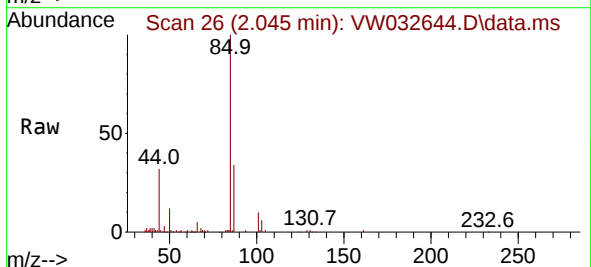
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MSVOA_W
ClientSampleId :
VW1212SBSD01

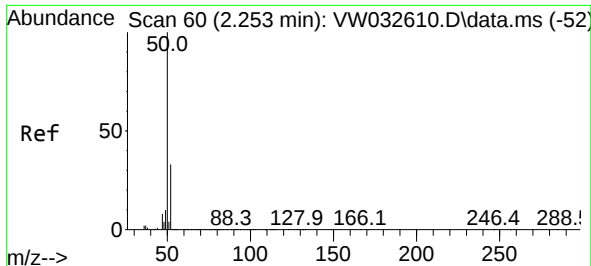
Tgt Ion:168 Resp: 364177
Ion Ratio Lower Upper
168 100
99 64.0 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 21.887 ug/l
RT: 2.045 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 85 Resp: 49495
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.3

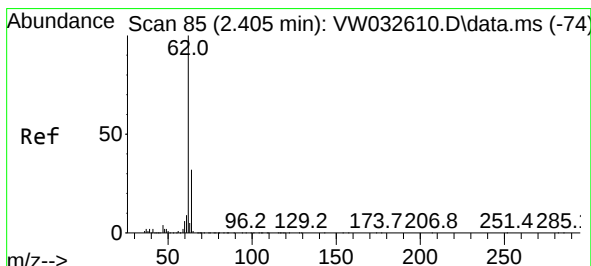
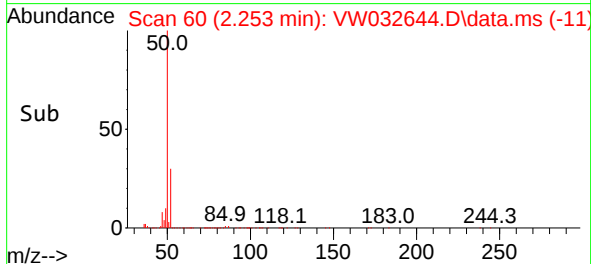
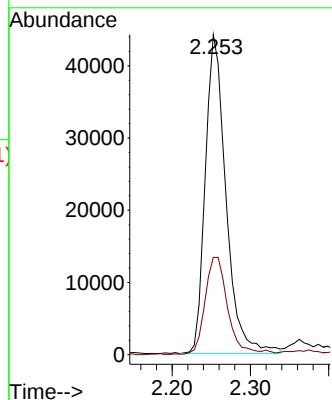
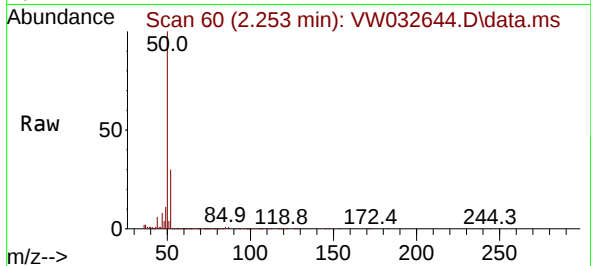




#3
Chloromethane
Concen: 20.298 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

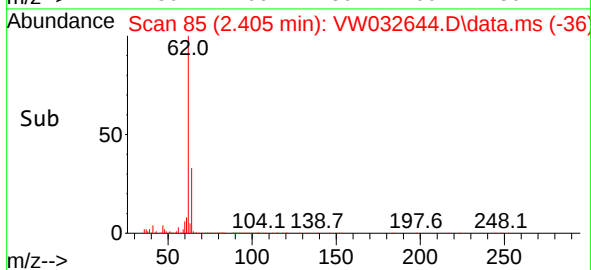
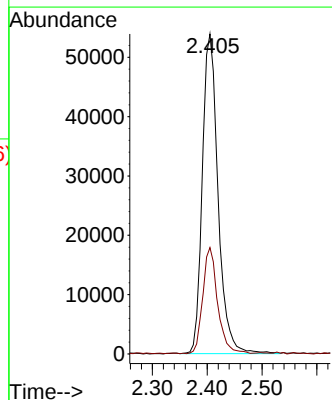
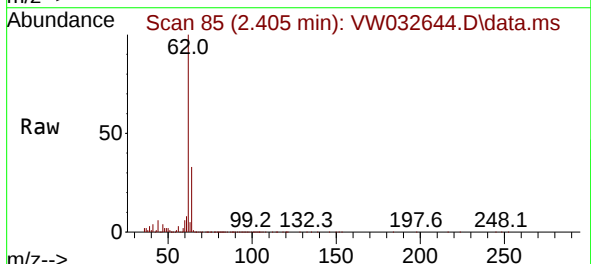
Instrument :
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ClientSampleId :
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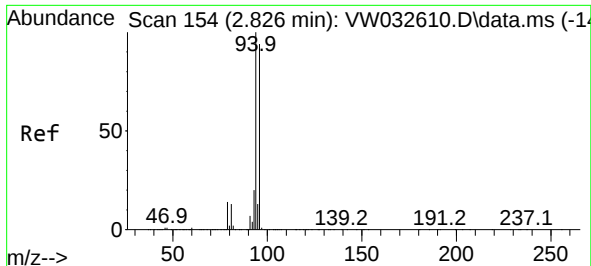
Tgt Ion: 50 Resp: 80974
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0



#4
Vinyl Chloride
Concen: 22.534 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 62 Resp: 107268
Ion Ratio Lower Upper
62 100
64 33.2 25.3 37.9

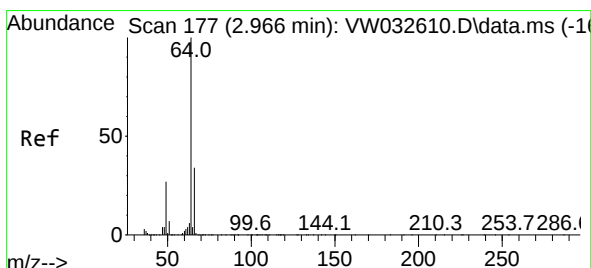
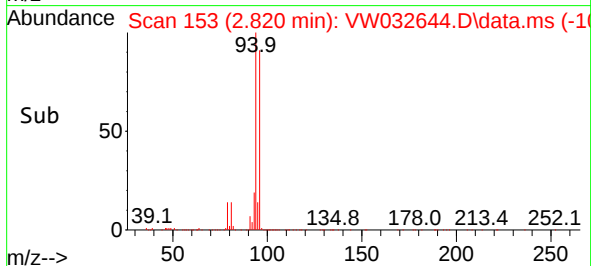
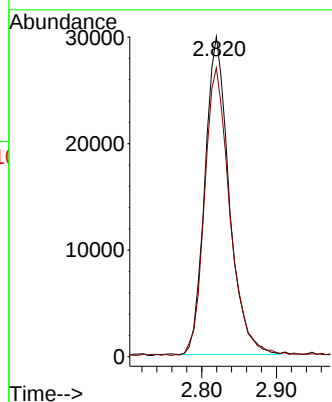
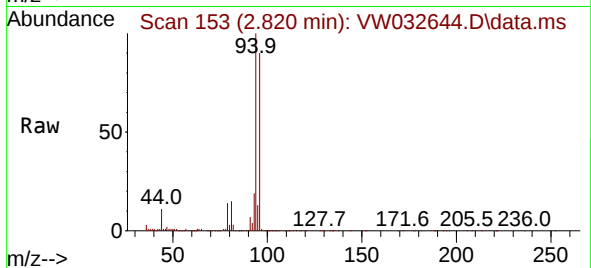




#5
Bromomethane
Concen: 21.160 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

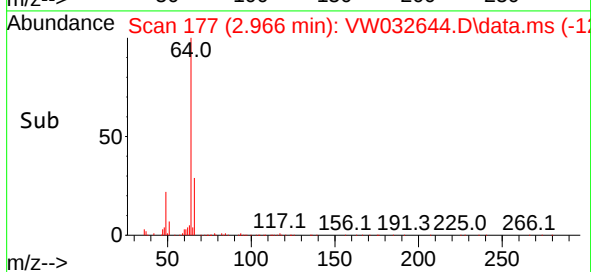
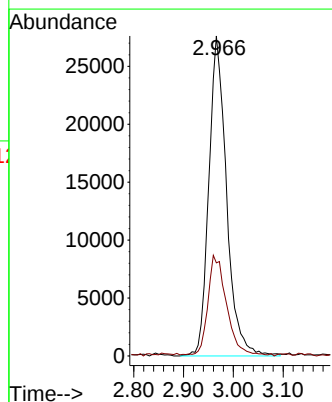
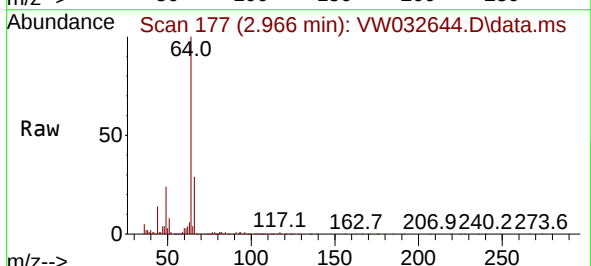
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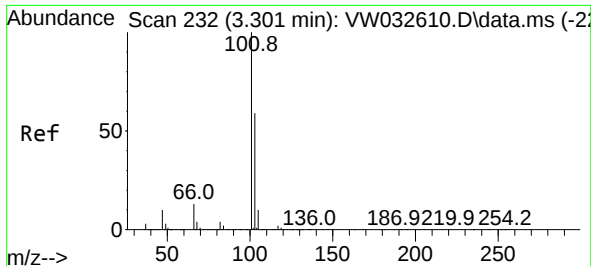
Tgt Ion: 94 Resp: 67088
Ion Ratio Lower Upper
94 100
96 90.4 75.4 113.2



#6
Chloroethane
Concen: 22.217 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 64 Resp: 68240
Ion Ratio Lower Upper
64 100
66 28.8 27.3 40.9

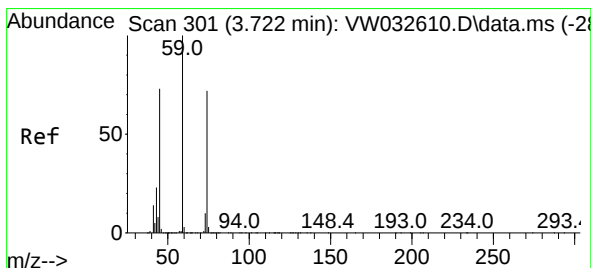
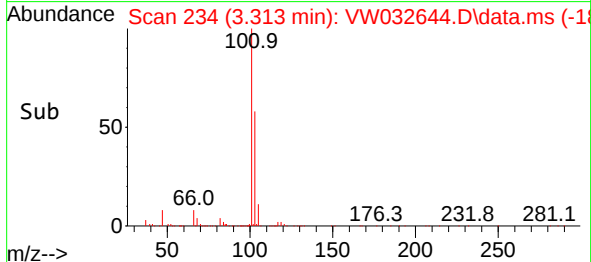
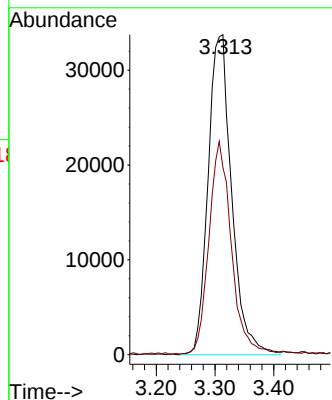
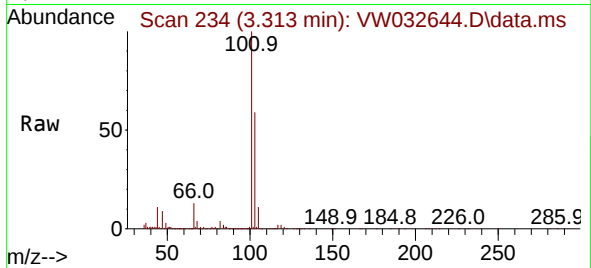




#7
Trichlorofluoromethane
Concen: 22.568 ug/l
RT: 3.313 min Scan# 21
Delta R.T. 0.012 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

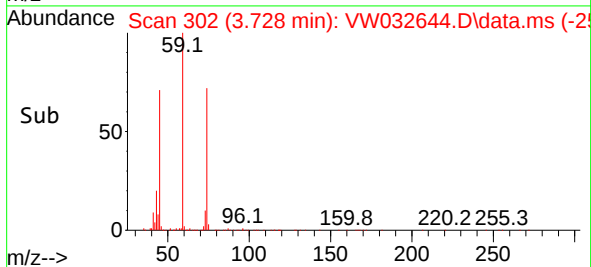
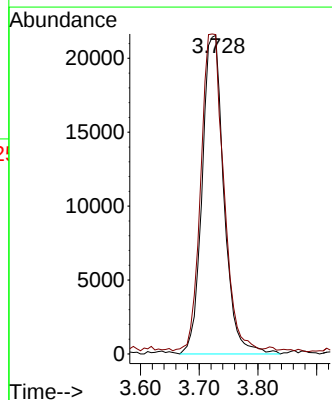
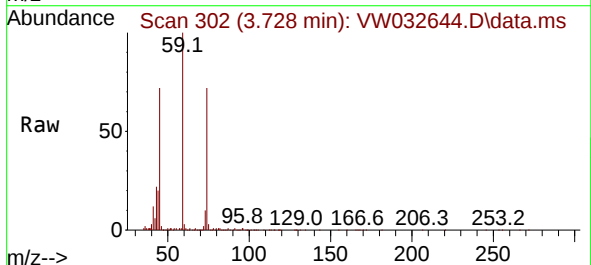
Instrument :
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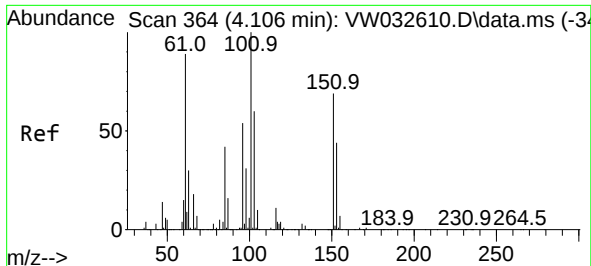
Tgt Ion:101 Resp: 94053
Ion Ratio Lower Upper
101 100
103 58.3 47.3 70.9



#8
Diethyl Ether
Concen: 19.904 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 74 Resp: 55542
Ion Ratio Lower Upper
74 100
45 104.2 52.4 157.2

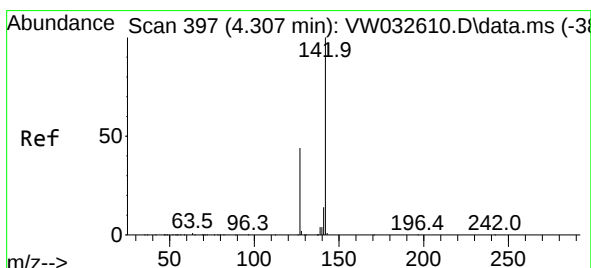
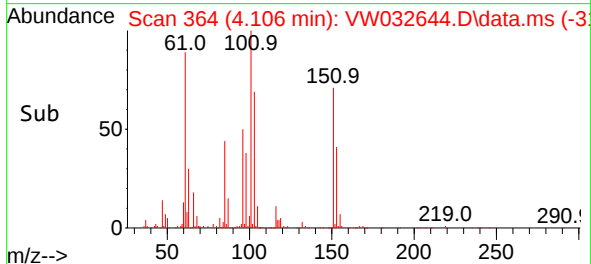
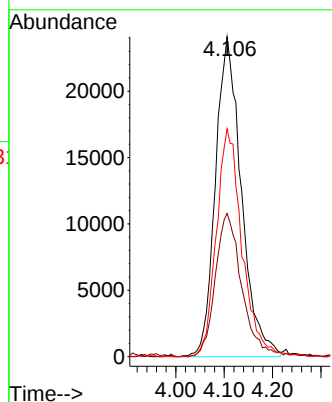
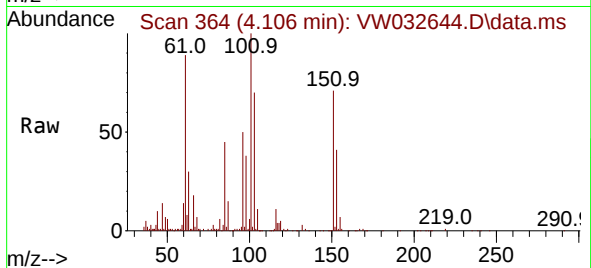




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.433 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

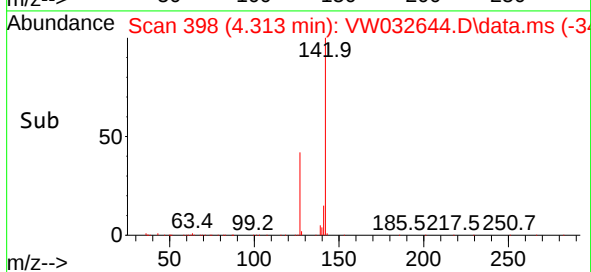
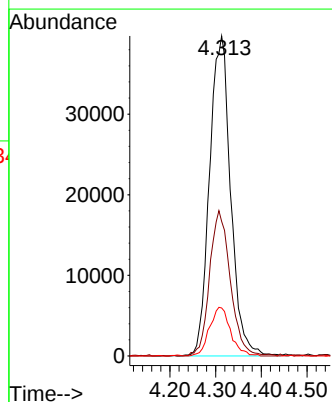
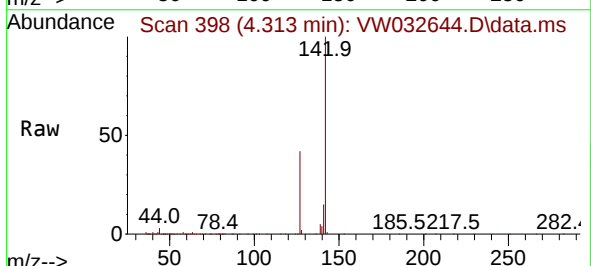
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

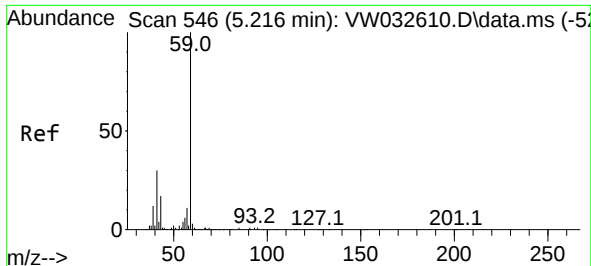
Tgt Ion:101 Resp: 89443
Ion Ratio Lower Upper
101 100
85 45.8 35.4 53.2
151 70.8 56.7 85.1



#10
Methyl Iodide
Concen: 21.944 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:142 Resp: 127525
Ion Ratio Lower Upper
142 100
127 44.5 36.0 54.0
141 15.1 11.6 17.4

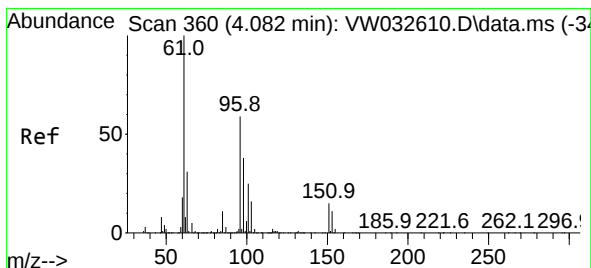
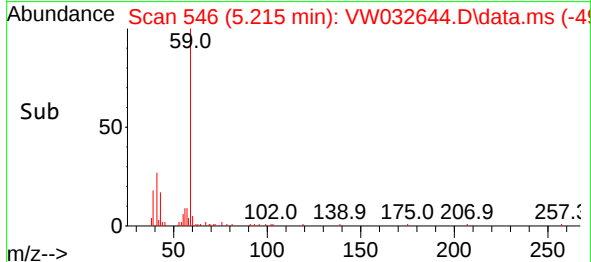
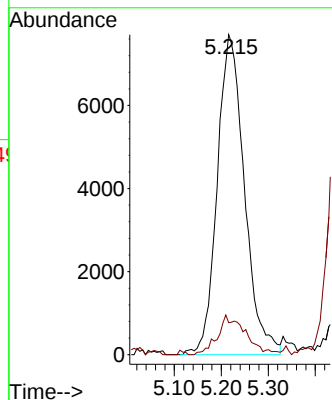
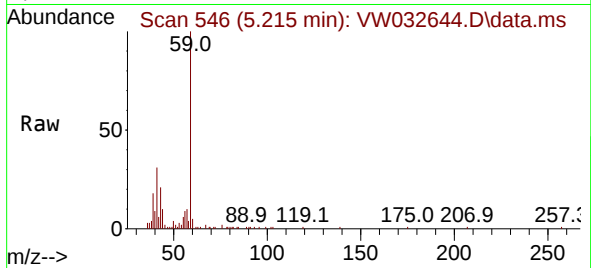




#11
Tert butyl alcohol
Concen: 81.928 ug/l
RT: 5.215 min Scan# 546
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

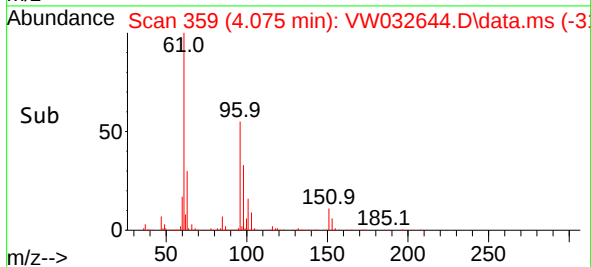
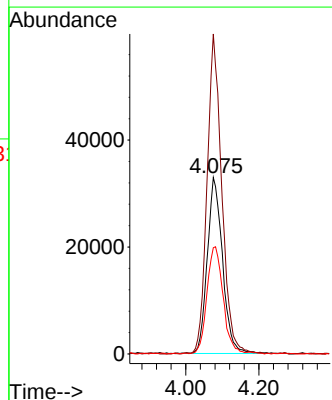
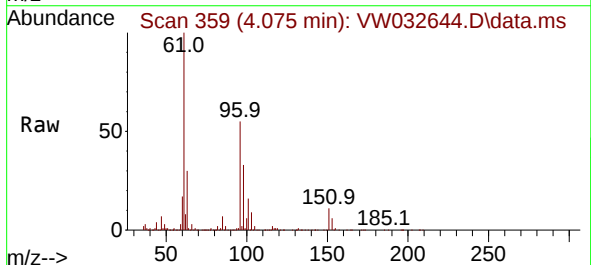
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

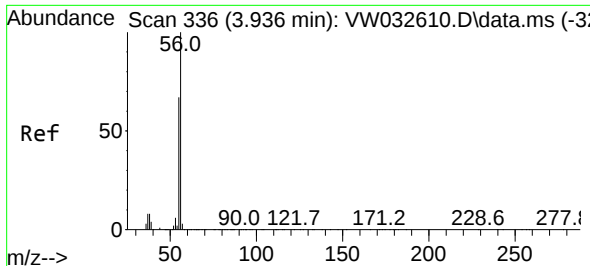
Tgt Ion: 59 Resp: 30985
Ion Ratio Lower Upper
59 100
57 12.7 9.4 14.0



#12
1,1-Dichloroethene
Concen: 21.628 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 96 Resp: 95614
Ion Ratio Lower Upper
96 100
61 181.8 134.6 202.0
98 60.1 51.1 76.7

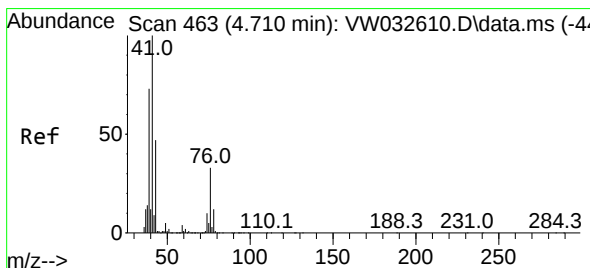
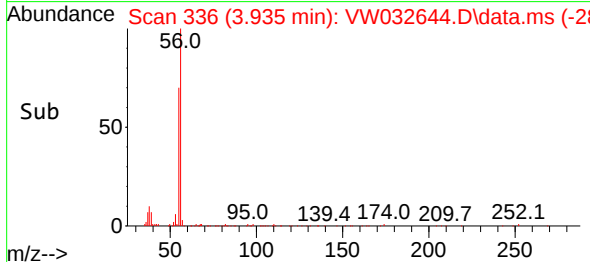
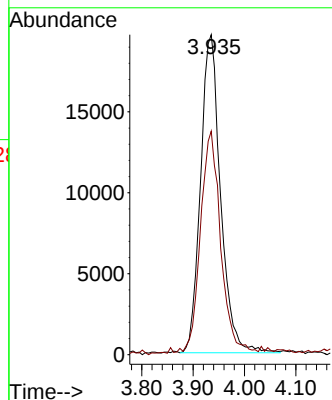
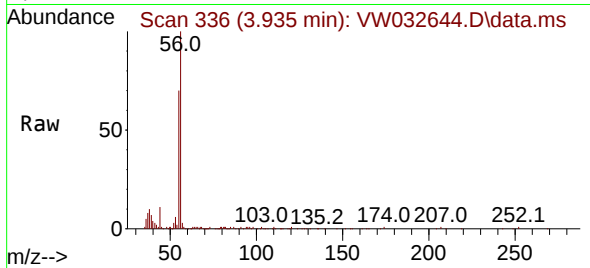




#13
Acrolein
Concen: 83.701 ug/l
RT: 3.935 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

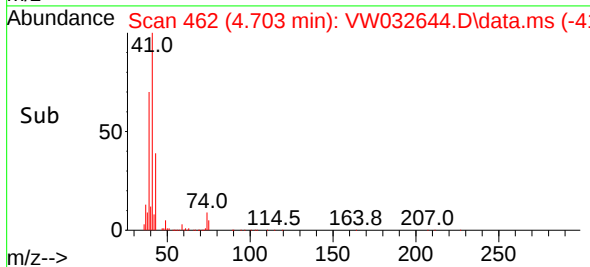
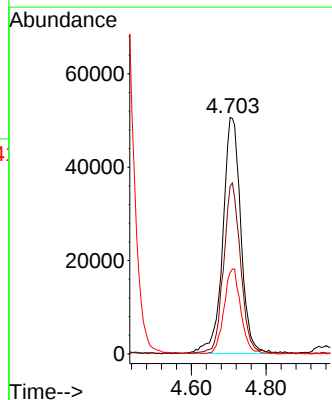
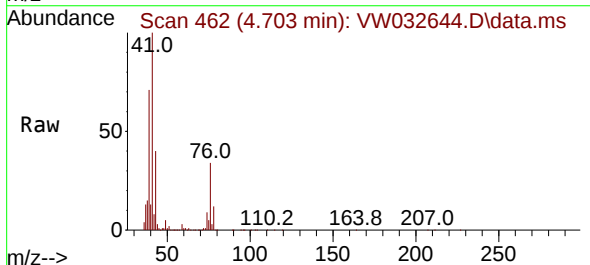
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

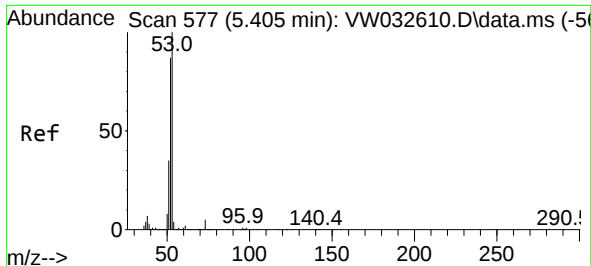
Tgt Ion: 56 Resp: 53286
Ion Ratio Lower Upper
56 100
55 69.5 56.0 84.0



#14
Allyl chloride
Concen: 20.609 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 41 Resp: 169376
Ion Ratio Lower Upper
41 100
39 67.6 54.2 81.2
76 33.7 26.3 39.5

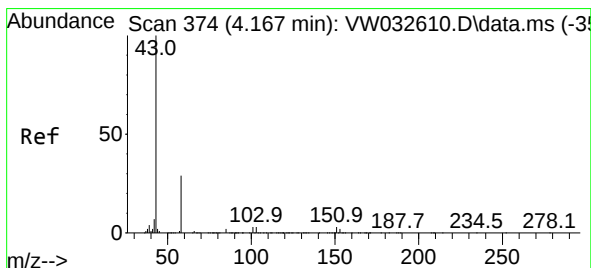
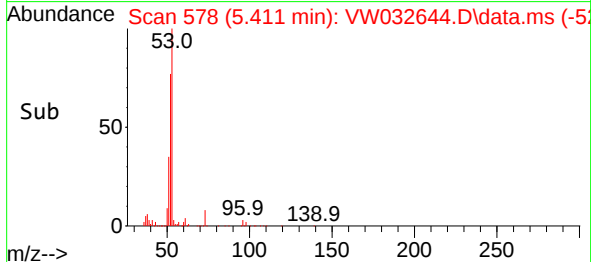
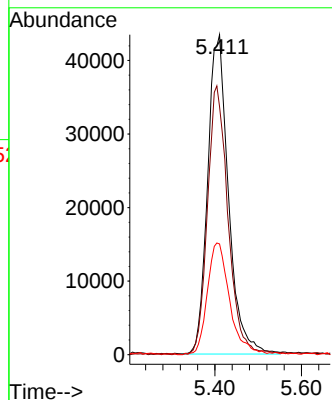
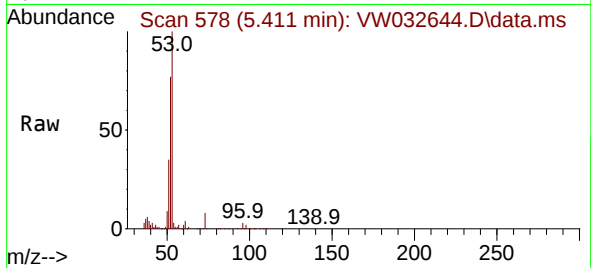




#15
Acrylonitrile
Concen: 93.068 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

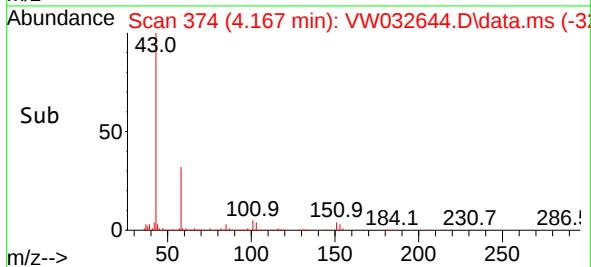
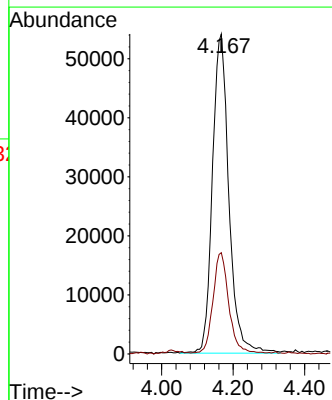
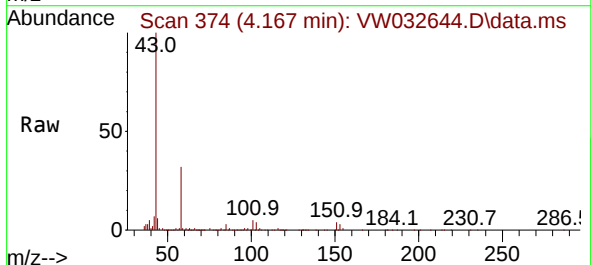
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

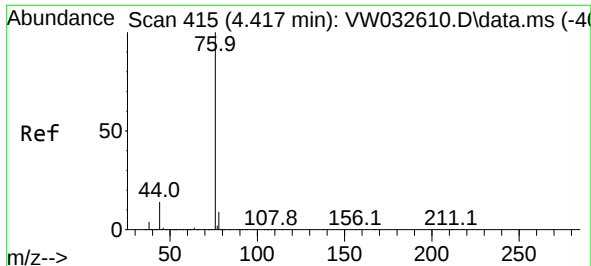
Tgt Ion: 53 Resp: 145133
Ion Ratio Lower Upper
53 100
52 82.6 66.7 100.1
51 37.4 29.8 44.6



#16
Acetone
Concen: 90.676 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 43 Resp: 172999
Ion Ratio Lower Upper
43 100
58 31.4 23.9 35.9

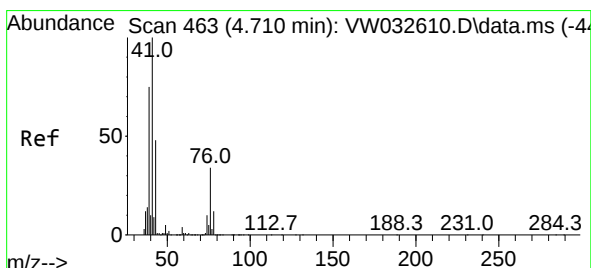
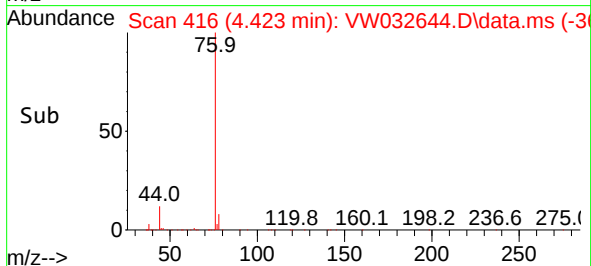
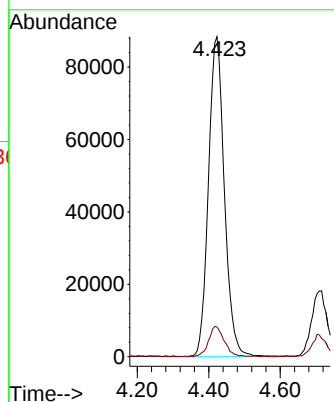
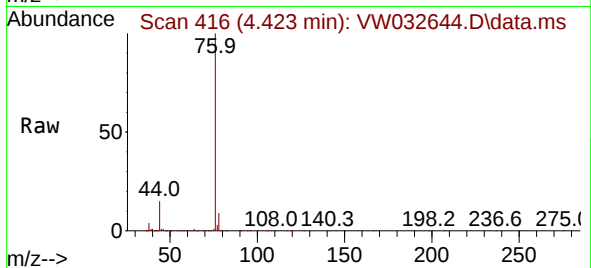




#17
Carbon Disulfide
Concen: 21.281 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

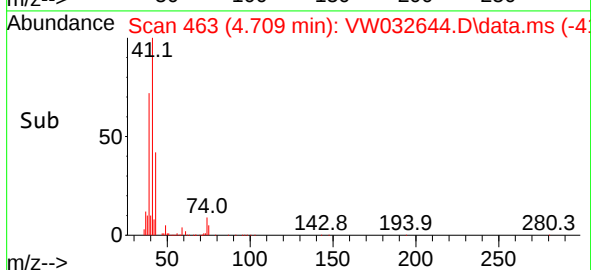
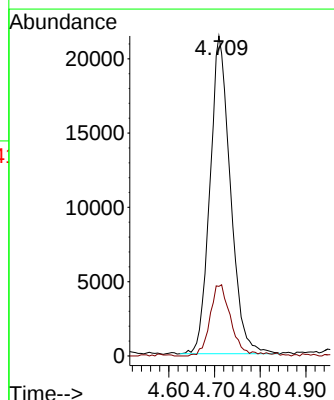
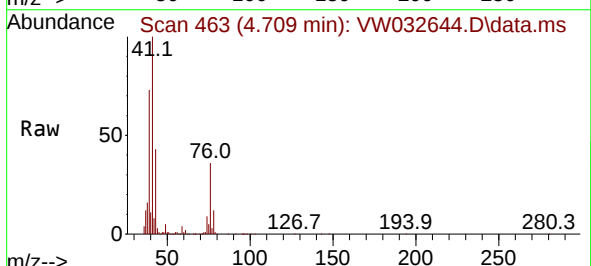
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBS01

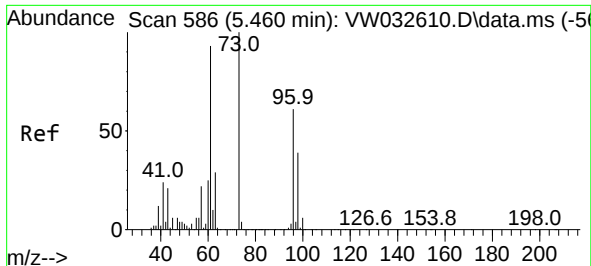
Tgt Ion: 76 Resp: 273432
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 17.862 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 43 Resp: 66482
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4

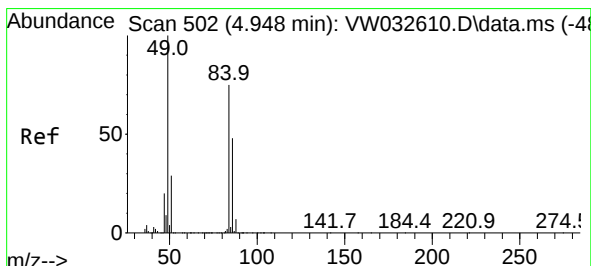
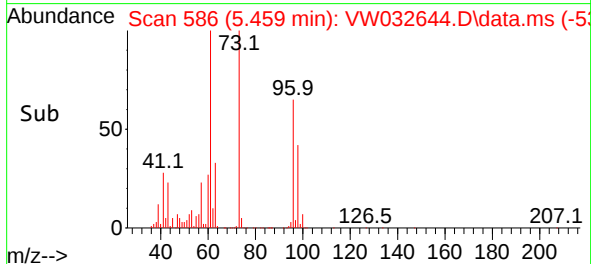
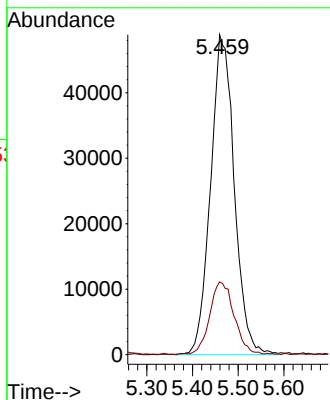
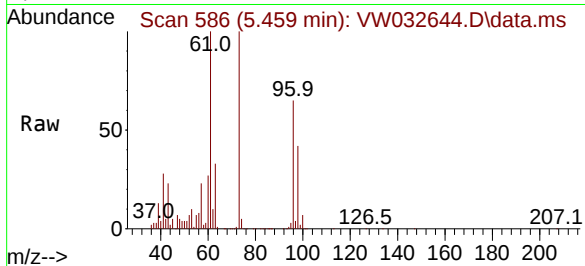




#19
Methyl tert-butyl Ether
Concen: 20.059 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

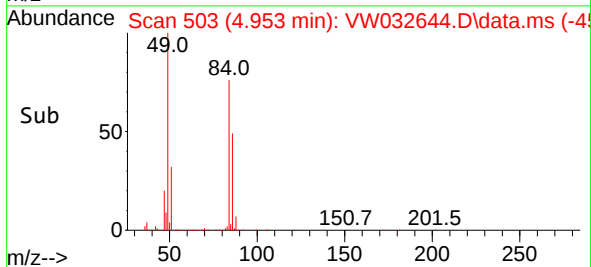
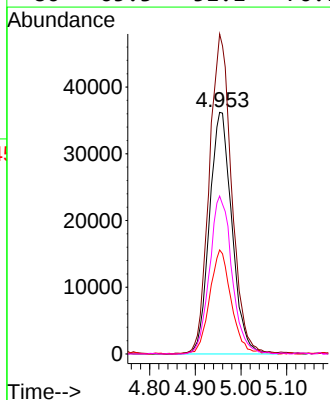
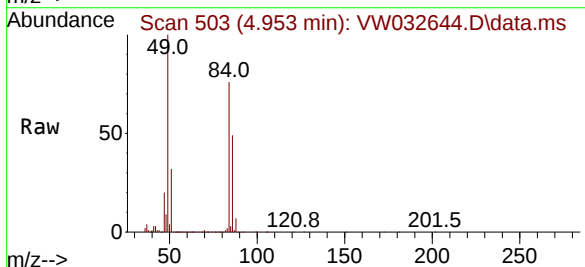
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

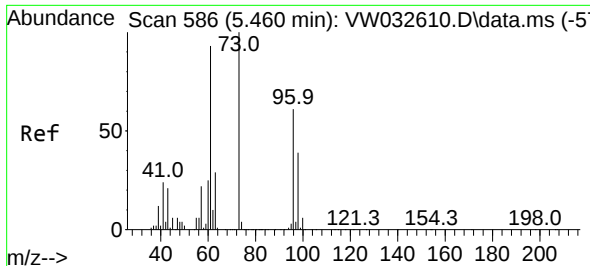
Tgt Ion: 73 Resp: 176062
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.210 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 84 Resp: 123541
Ion Ratio Lower Upper
84 100
49 132.1 106.9 160.3
51 42.9 31.4 47.2
86 65.3 51.1 76.7

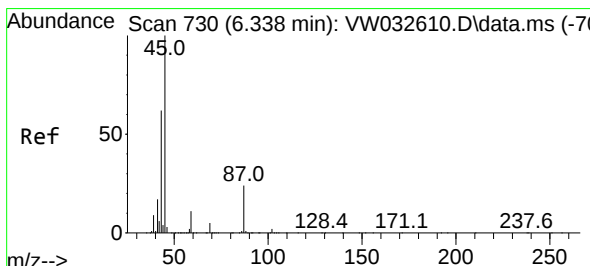
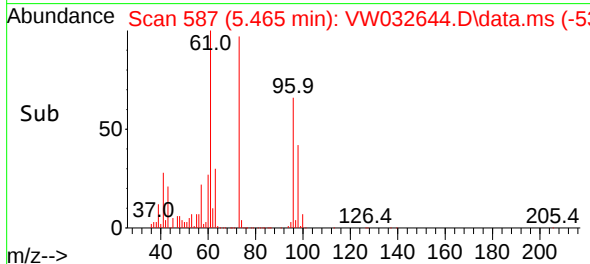
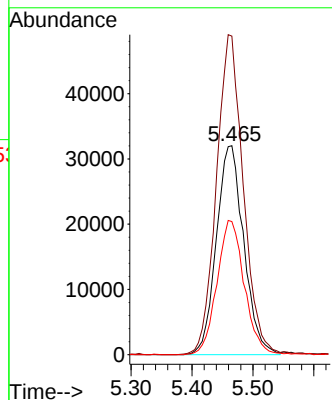
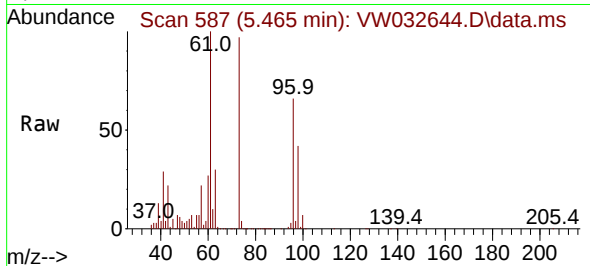




#21
trans-1,2-Dichloroethene
Concen: 20.719 ug/l
RT: 5.465 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

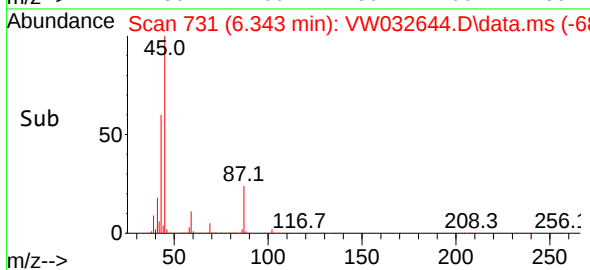
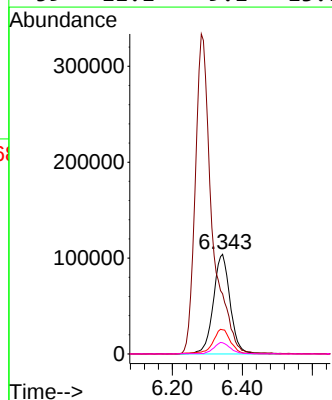
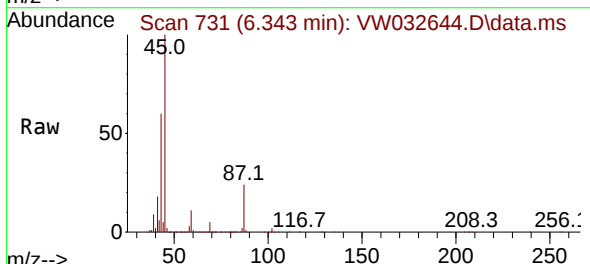
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

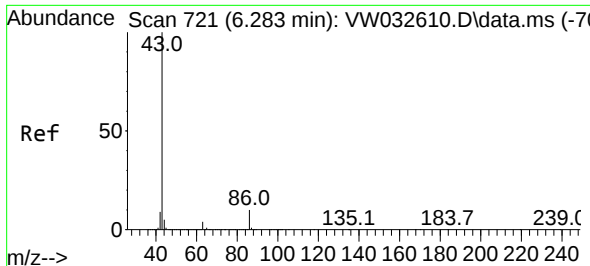
Tgt Ion: 96 Resp: 100038
Ion Ratio Lower Upper
96 100
61 152.3 121.7 182.5
98 63.7 50.6 76.0



#22
Diisopropyl ether
Concen: 20.893 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 45 Resp: 347673
Ion Ratio Lower Upper
45 100
43 60.1 49.1 73.7
87 24.2 19.7 29.5
59 11.1 9.1 13.7

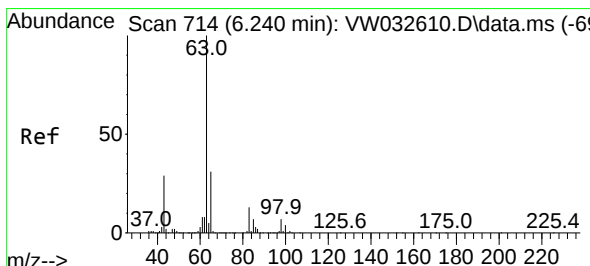
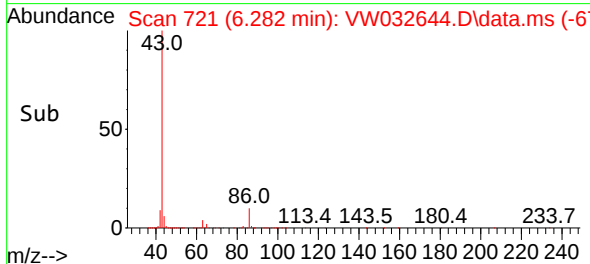
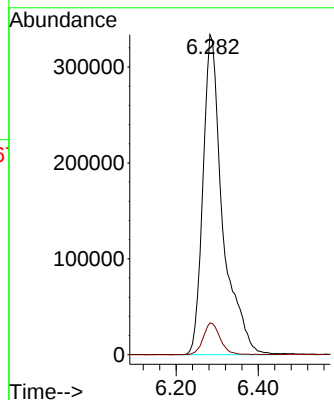
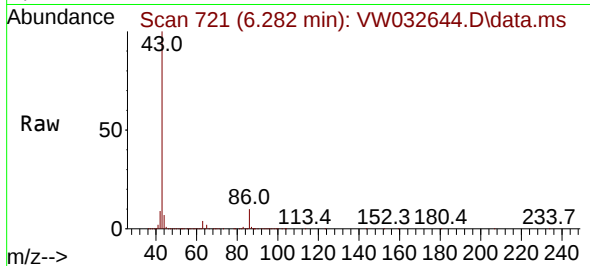




#23
 Vinyl Acetate
 Concen: 98.749 ug/l
 RT: 6.282 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032644.D
 Acq: 12 Dec 2025 10:34

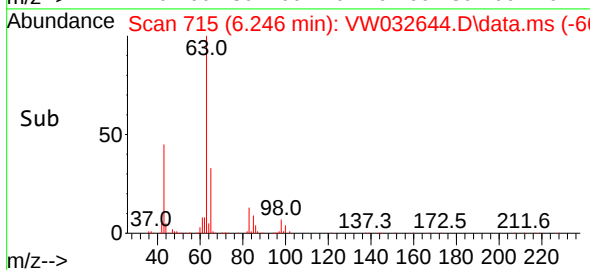
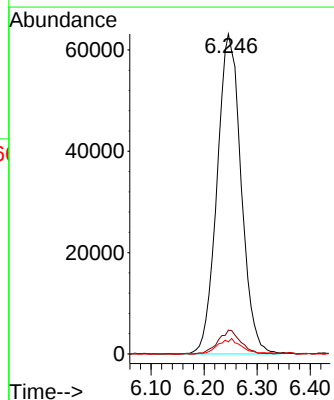
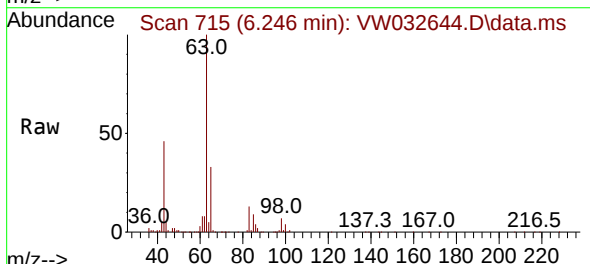
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBSD01

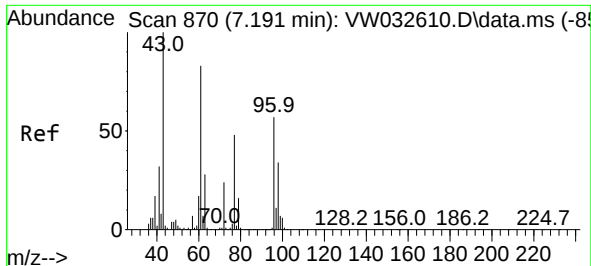
Tgt Ion: 43 Resp: 1111122
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.917 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032644.D
 Acq: 12 Dec 2025 10:34

Tgt Ion: 63 Resp: 199064
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 3.8 2.1 6.5

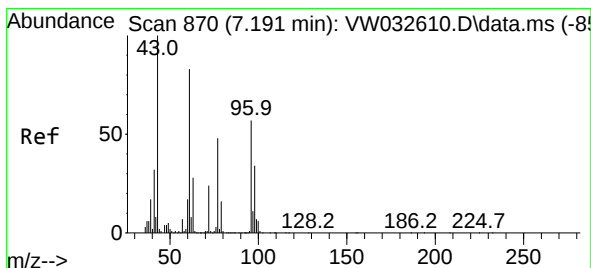
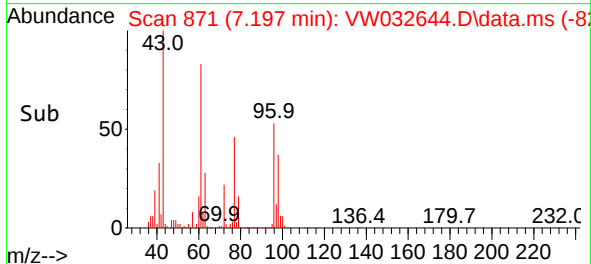
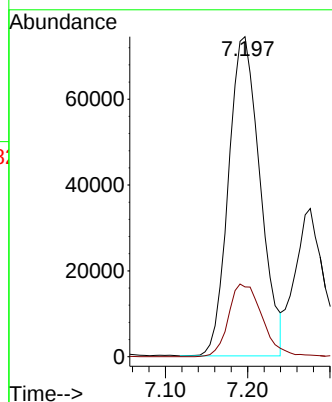
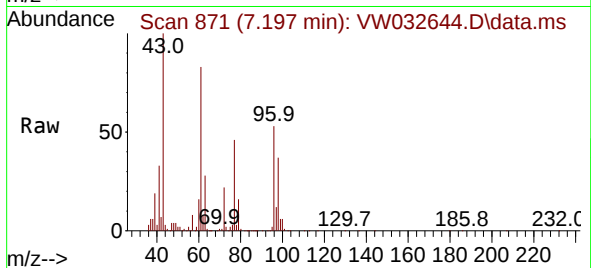




#25
2-Butanone
Concen: 88.776 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

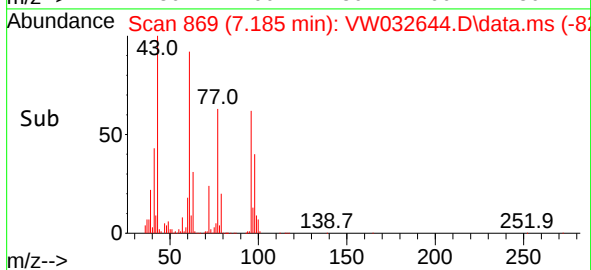
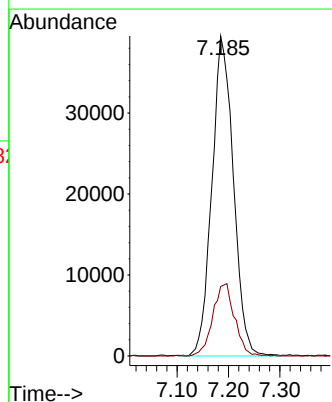
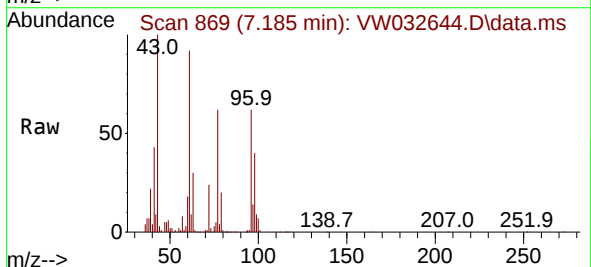
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

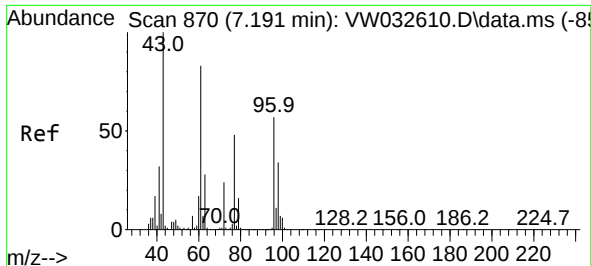
Tgt Ion: 43 Resp: 199016
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.0



#26
2,2-Dichloropropane
Concen: 21.468 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 77 Resp: 114715
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.536 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

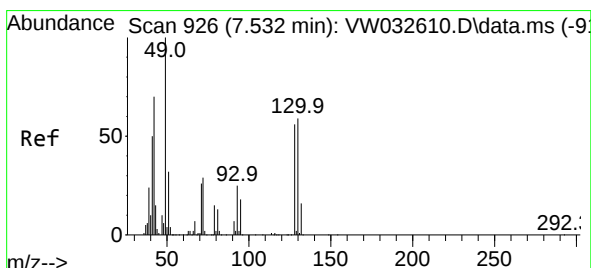
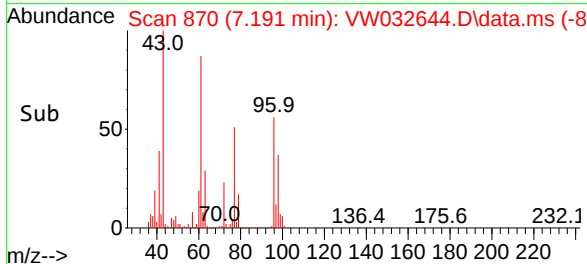
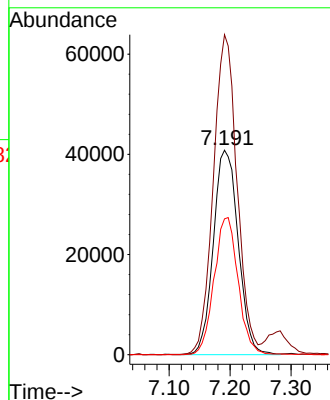
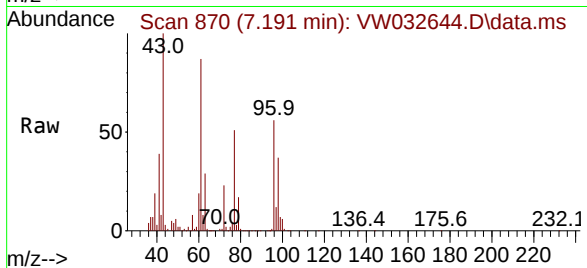
Tgt Ion: 96 Resp: 115772

Ion Ratio Lower Upper

96 100

61 149.3 0.0 295.8

98 64.8 0.0 127.2



#28

Bromochloromethane

Concen: 21.056 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

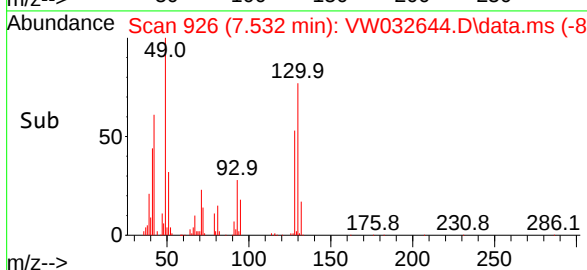
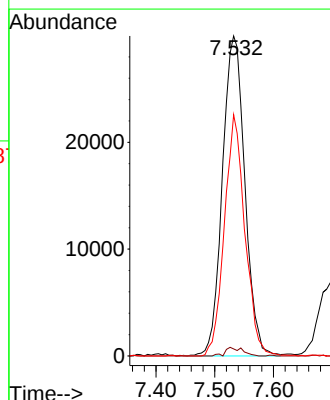
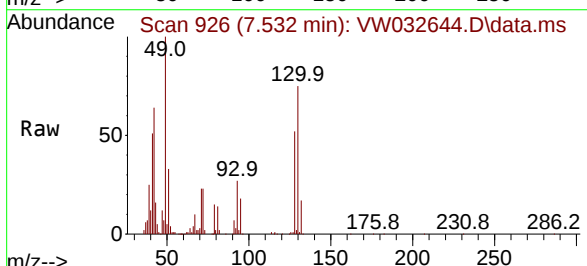
Tgt Ion: 49 Resp: 79609

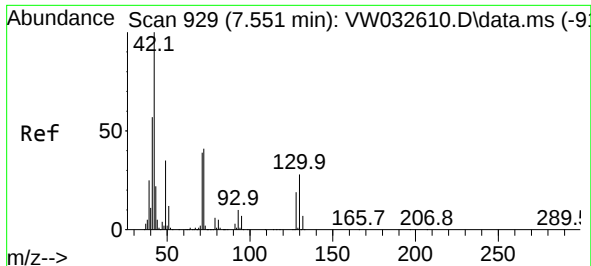
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 69.0 53.3 79.9





#29

Tetrahydrofuran

Concen: 90.019 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

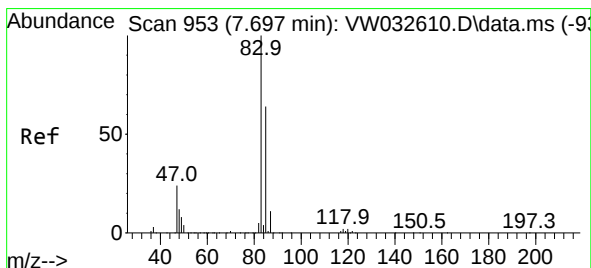
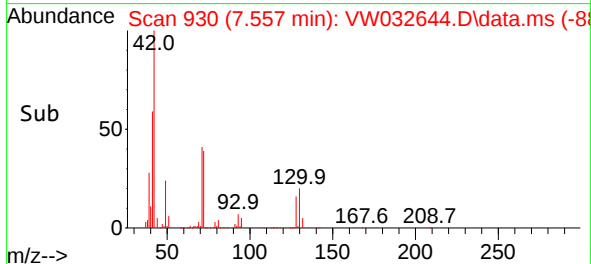
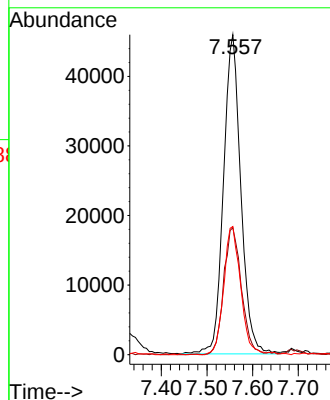
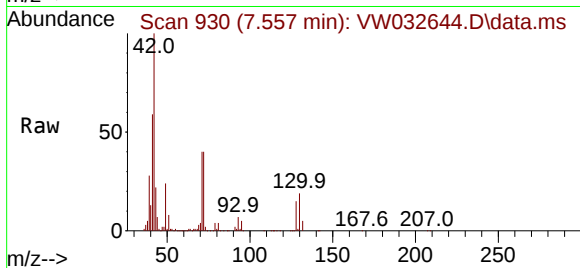
Tgt Ion: 42 Resp: 121153

Ion Ratio Lower Upper

42 100

72 40.6 33.2 49.8

71 39.1 30.7 46.1



#30

Chloroform

Concen: 21.001 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032644.D

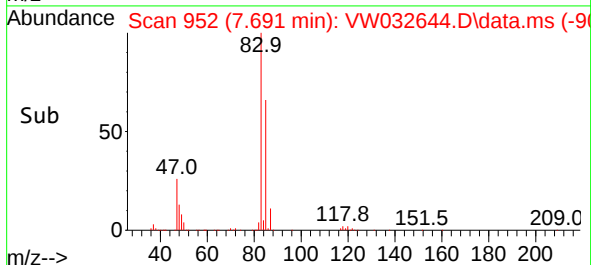
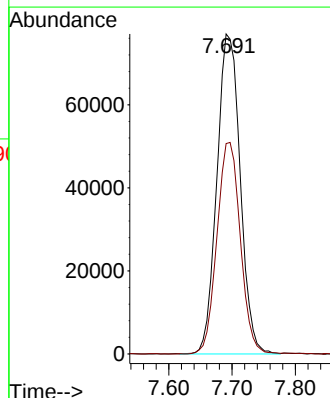
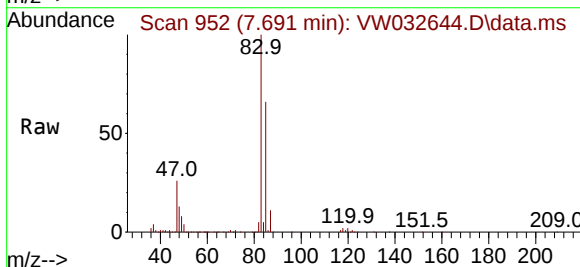
Acq: 12 Dec 2025 10:34

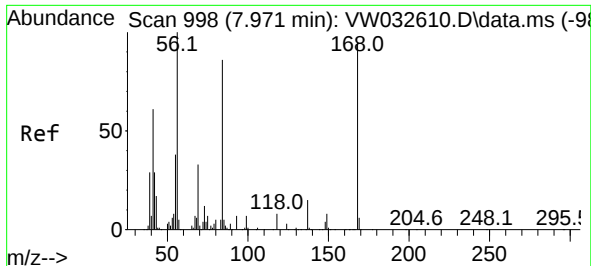
Tgt Ion: 83 Resp: 197143

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.2

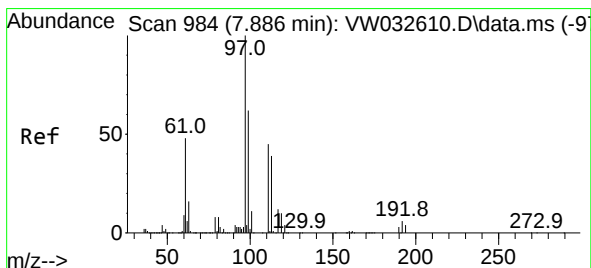
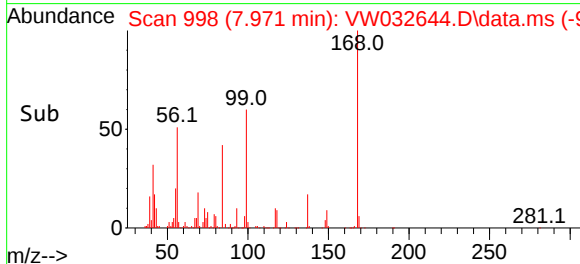
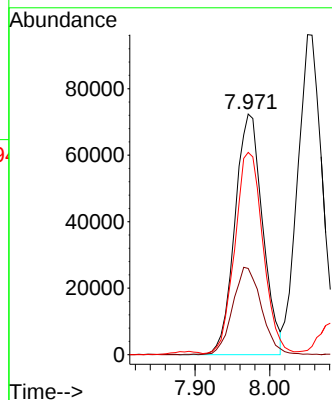
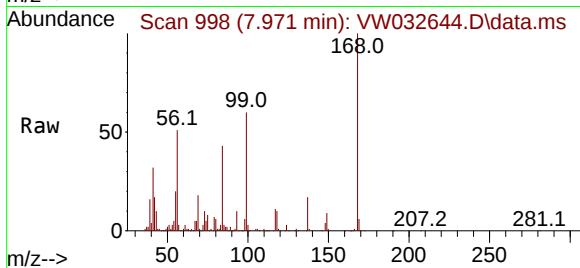




#31
Cyclohexane
Concen: 21.330 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

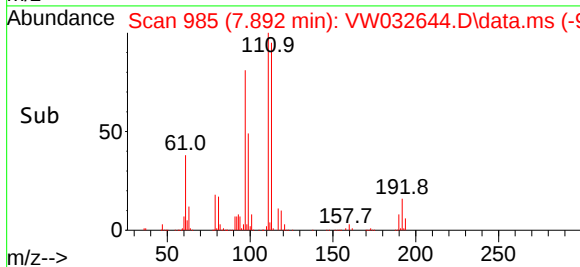
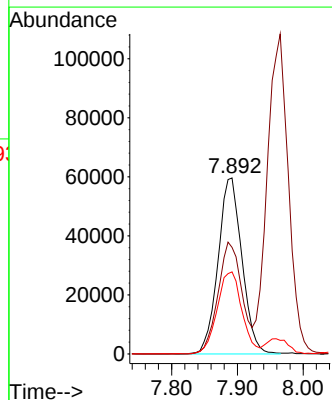
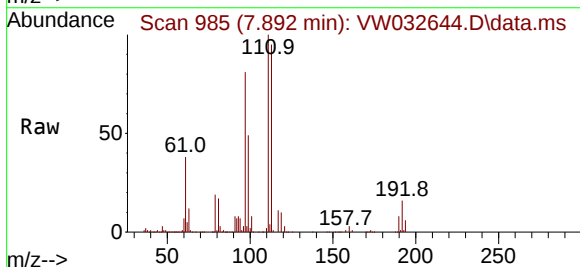
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

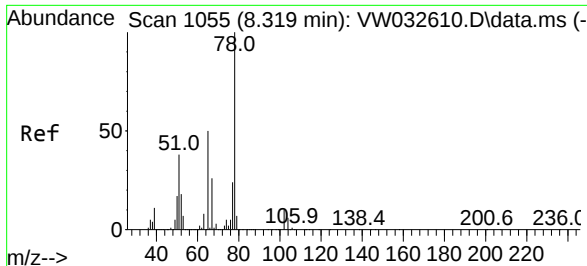
Tgt Ion: 56 Resp: 187104
Ion Ratio Lower Upper
56 100
69 35.8 26.2 39.2
84 82.8 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 21.832 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 97 Resp: 150702
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 48.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 43.117 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

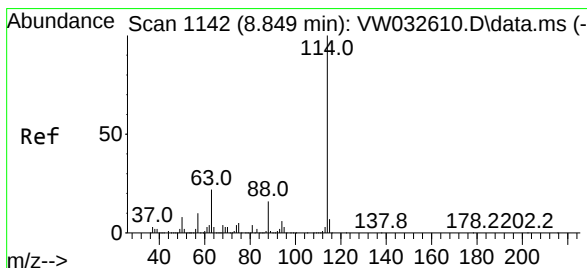
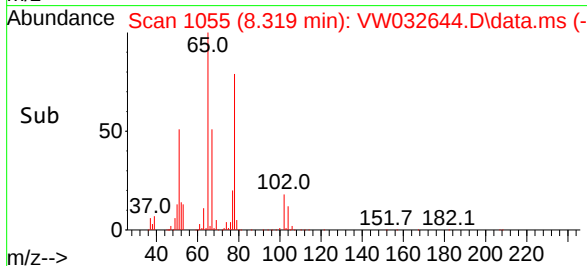
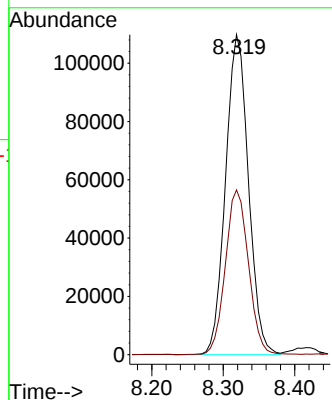
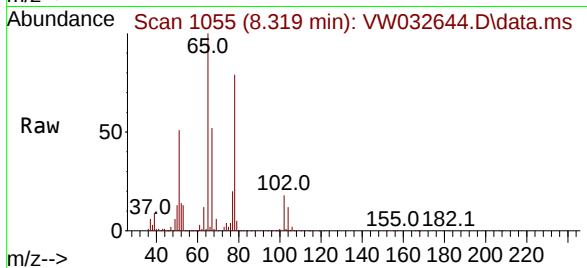
VW1212SBSD01

Tgt Ion: 65 Resp: 243996

Ion Ratio Lower Upper

65 100

67 52.2 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: VW032644.D

Acq: 12 Dec 2025 10:34

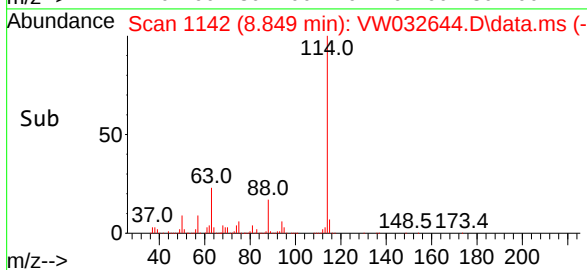
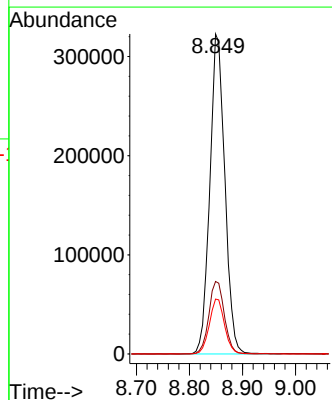
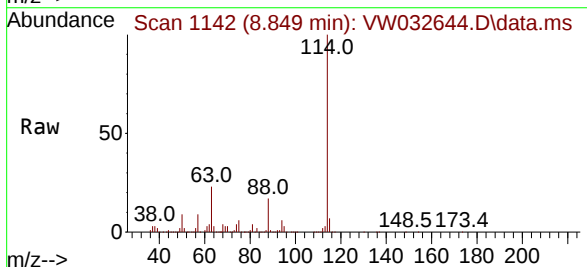
Tgt Ion: 114 Resp: 635160

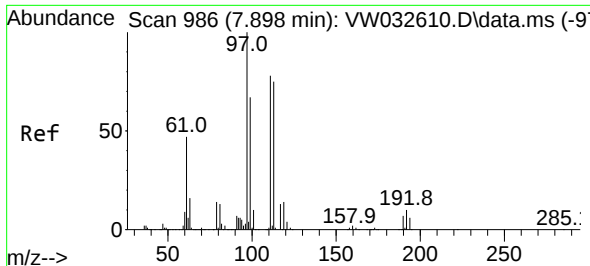
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 17.2 0.0 31.8

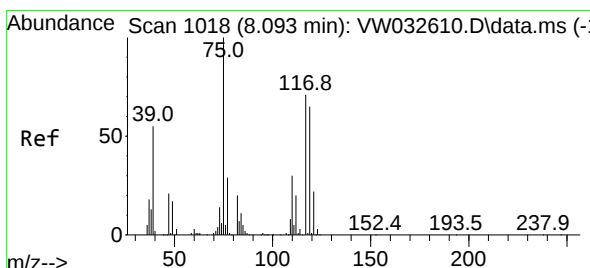
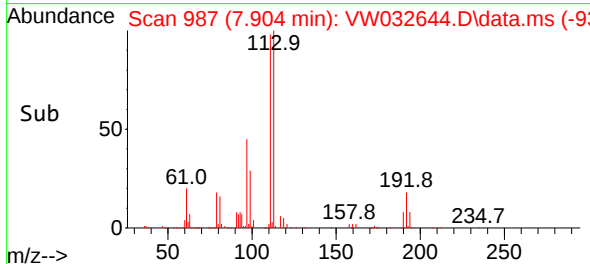
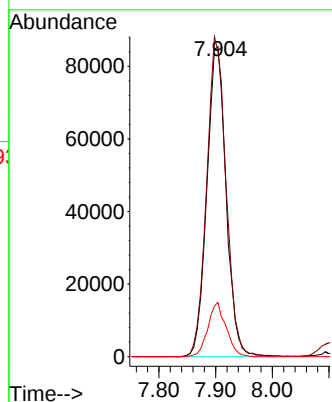
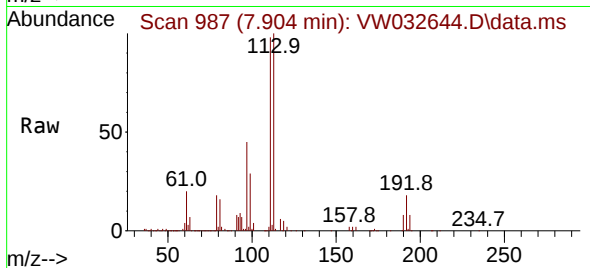




#35
Dibromofluoromethane
Concen: 44.897 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

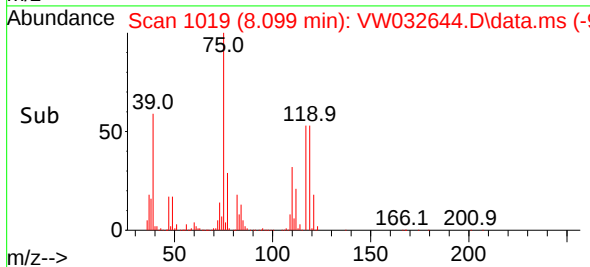
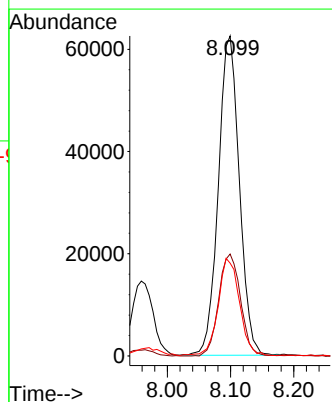
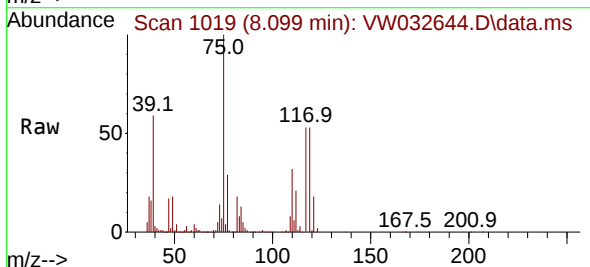
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

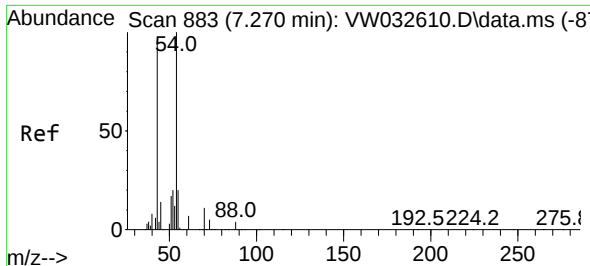
Tgt Ion:113 Resp: 201612
Ion Ratio Lower Upper
113 100
111 104.1 85.2 127.8
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 21.995 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 75 Resp: 143834
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 30.8 24.6 37.0

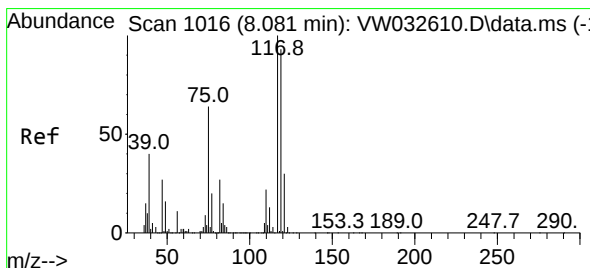
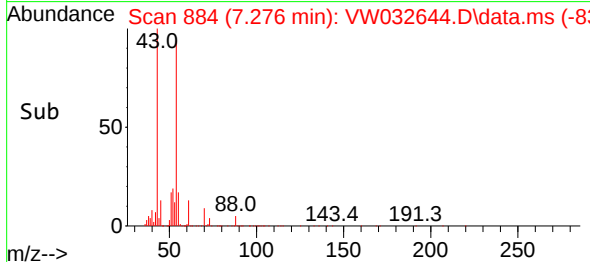
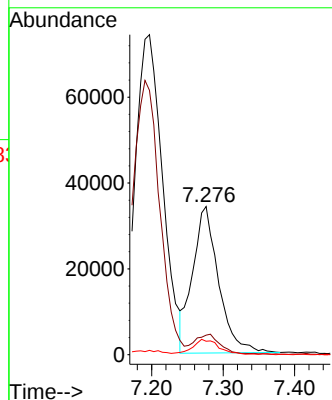
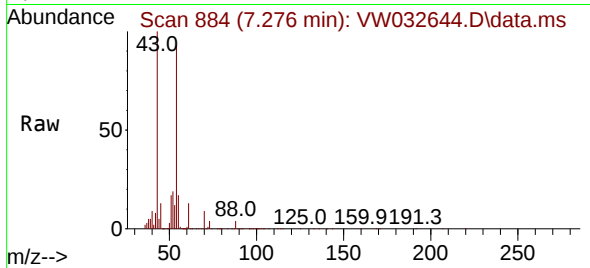




#37
Ethyl Acetate
Concen: 19.289 ug/l
RT: 7.276 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

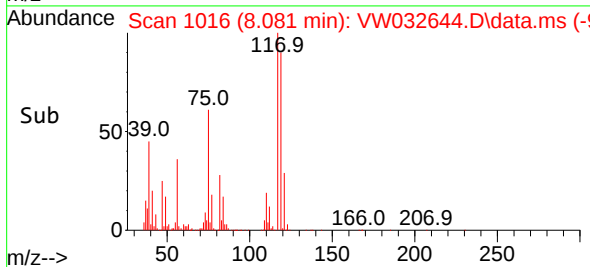
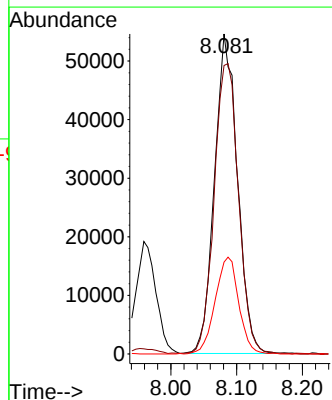
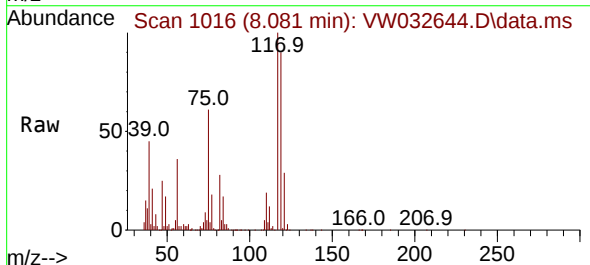
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

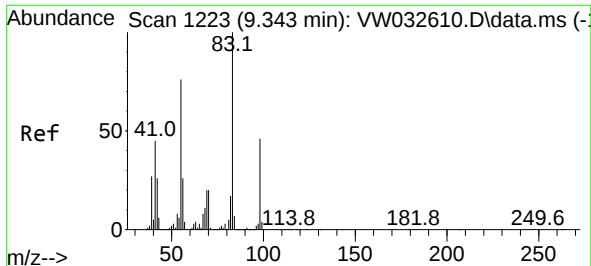
Tgt Ion: 43 Resp: 86400
Ion Ratio Lower Upper
43 100
61 13.0 10.3 15.5
70 10.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 21.910 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 117 Resp: 132525
Ion Ratio Lower Upper
117 100
119 90.1 74.3 111.5
121 28.8 23.6 35.4





#39

Methylcyclohexane

Concen: 21.802 ug/l

RT: 9.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

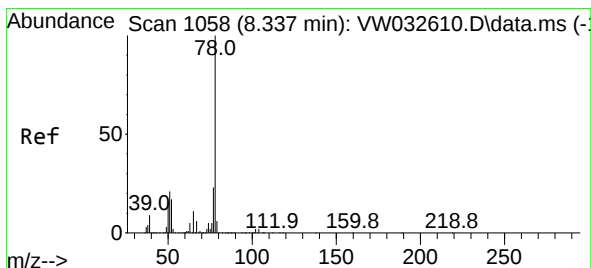
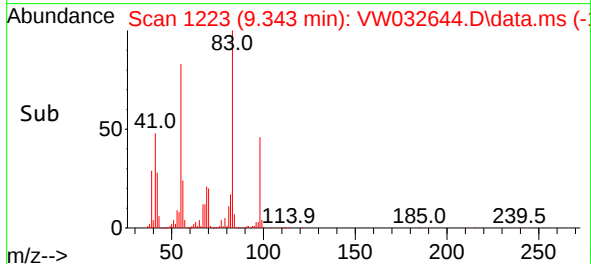
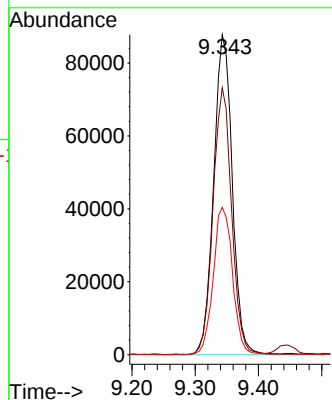
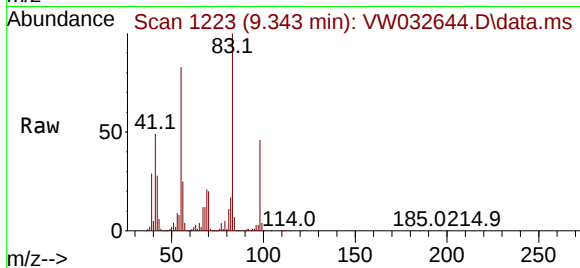
MSVOA_W

ClientSampleId :

VW1212SBSD01

Tgt Ion: 83 Resp: 179296

Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.2	91.8
98	46.0	37.0	55.4



#40

Benzene

Concen: 21.713 ug/l

RT: 8.337 min Scan# 1058

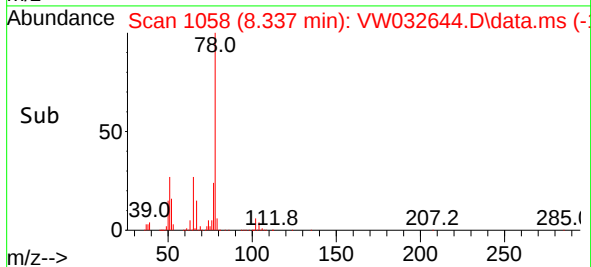
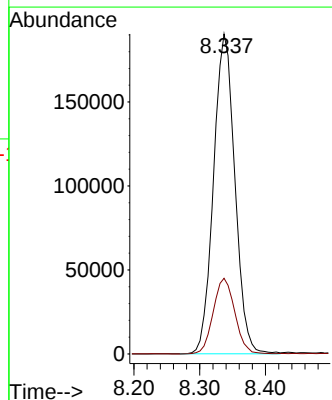
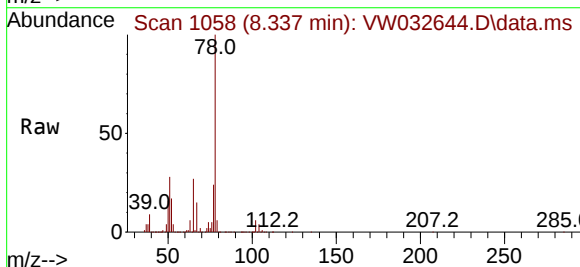
Delta R.T. -0.000 min

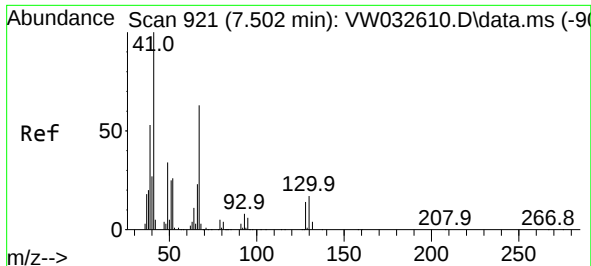
Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Tgt Ion: 78 Resp: 430745

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0

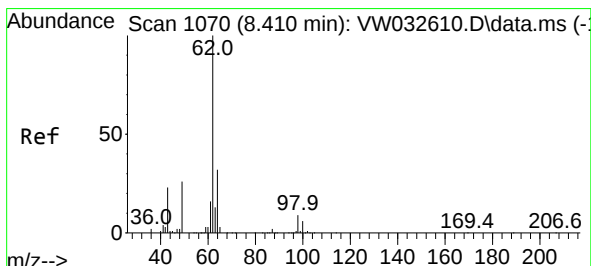
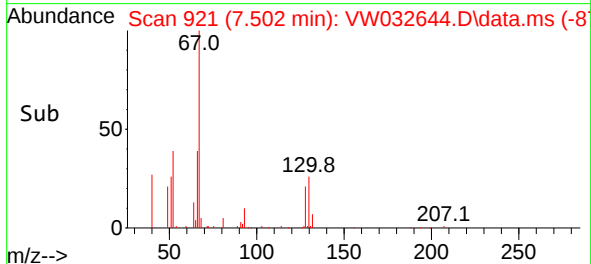
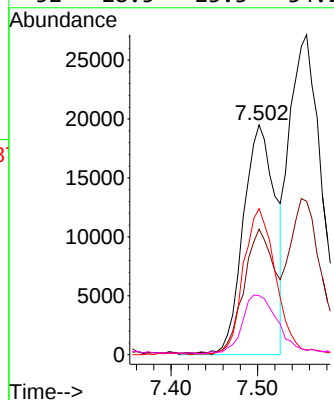
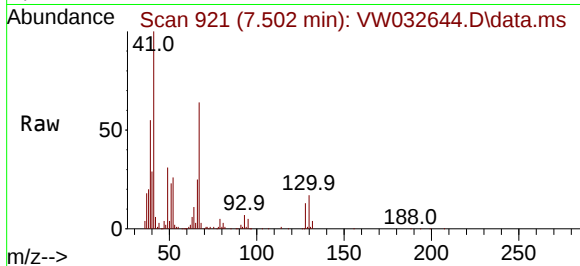




#41
Methacrylonitrile
Concen: 21.026 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

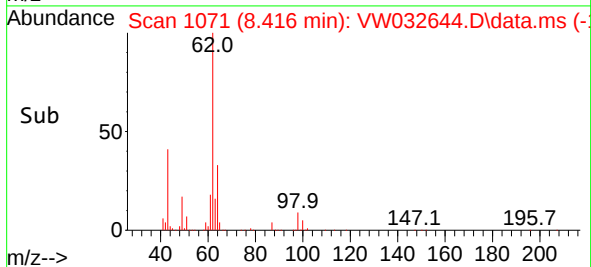
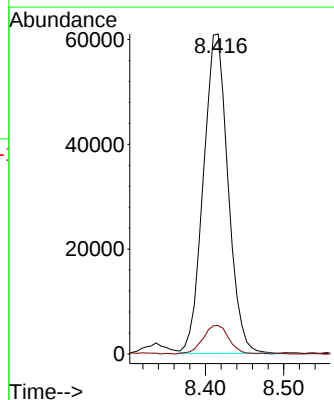
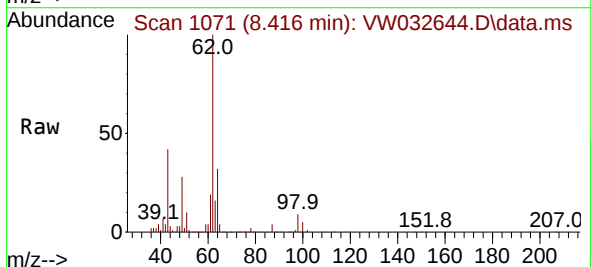
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

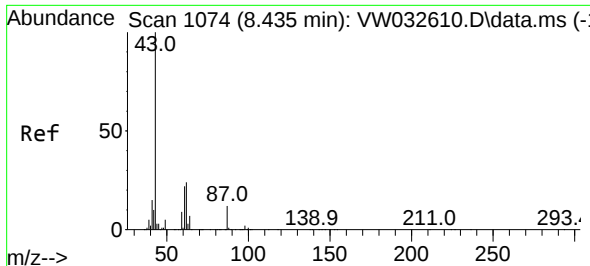
Tgt Ion: 41	Resp: 50338
Ion Ratio	Lower Upper
41 100	
39 53.0	47.3 70.9
67 64.8	55.9 83.9
52 28.5	23.3 34.9



#42
1,2-Dichloroethane
Concen: 21.114 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 62	Resp: 133361
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.8

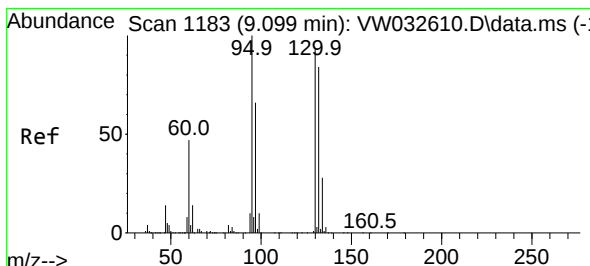
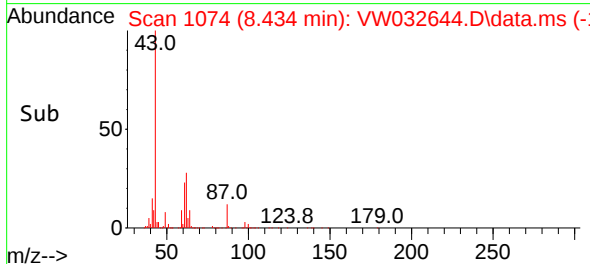
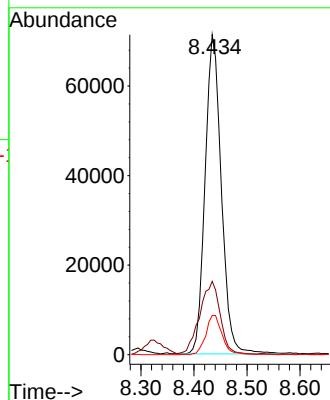
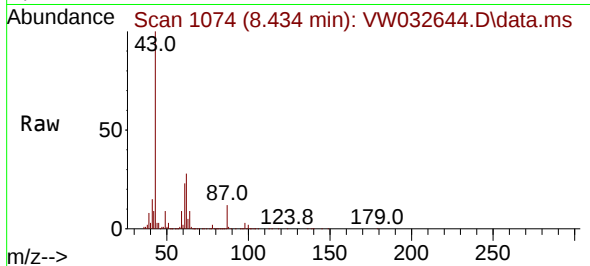




#43
Isopropyl Acetate
Concen: 19.101 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

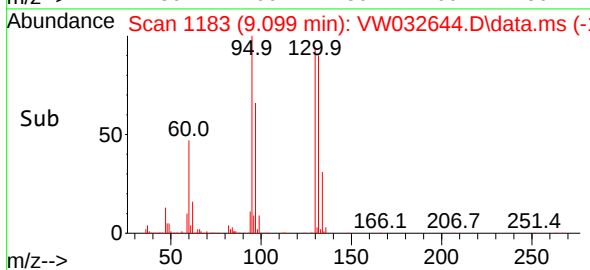
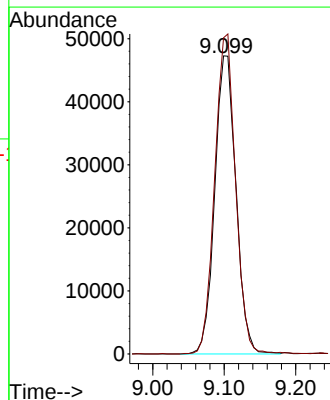
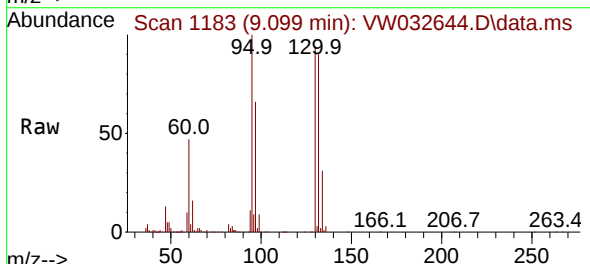
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

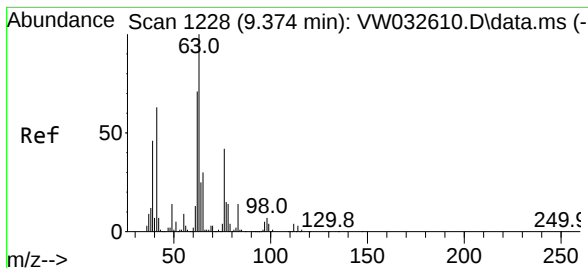
Tgt Ion: 43 Resp: 151735
Ion Ratio Lower Upper
43 100
61 28.7 22.7 34.1
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 21.529 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:130 Resp: 97521
Ion Ratio Lower Upper
130 100
95 106.1 0.0 215.6





#45

1,2-Dichloropropane

Concen: 21.753 ug/l

RT: 9.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

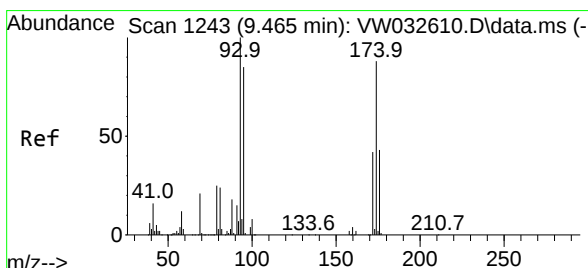
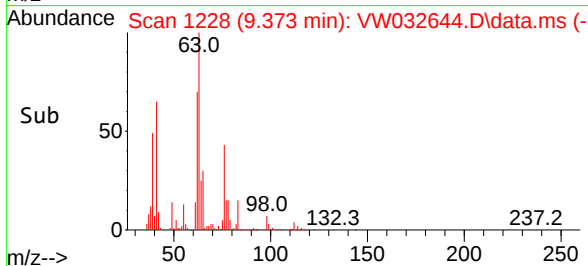
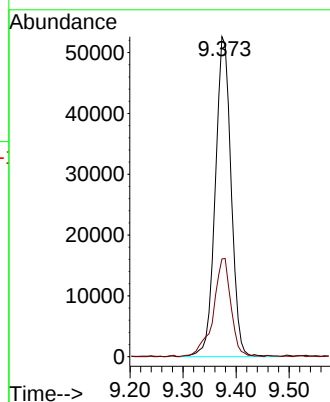
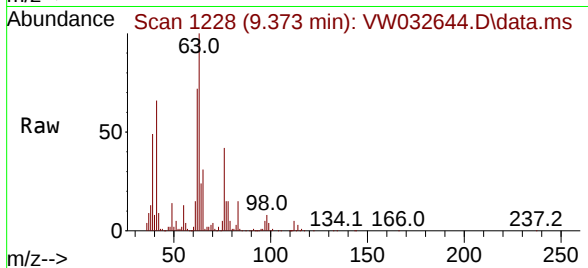
VW1212SBSD01

Tgt Ion: 63 Resp: 109194

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 20.893 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

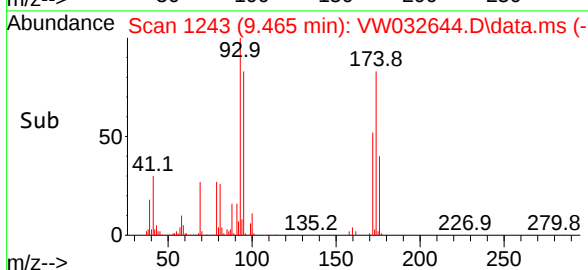
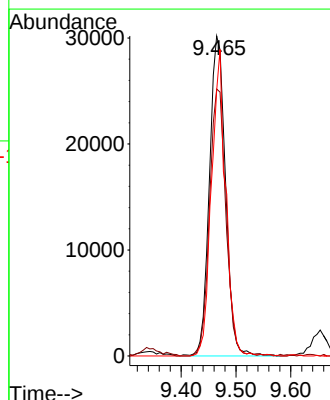
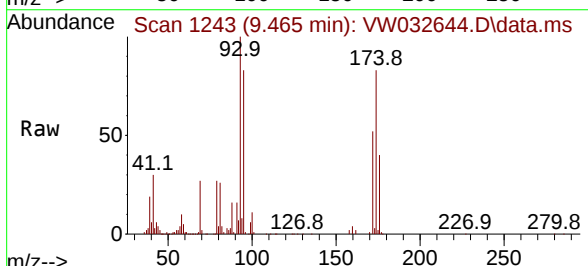
Tgt Ion: 93 Resp: 61445

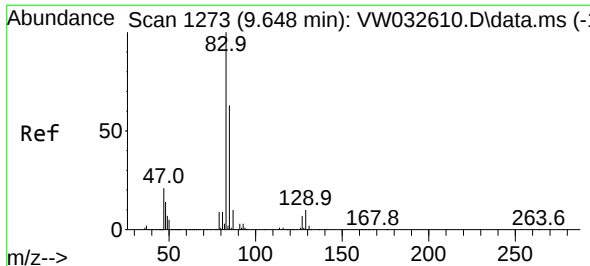
Ion Ratio Lower Upper

93 100

95 84.7 67.0 100.4

174 84.9 67.6 101.4

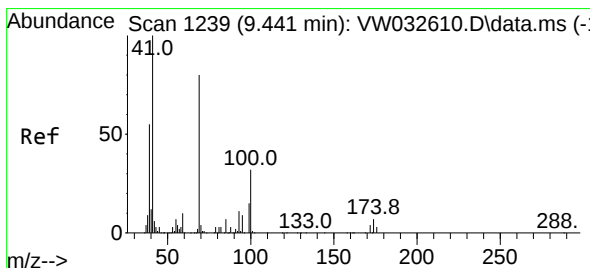
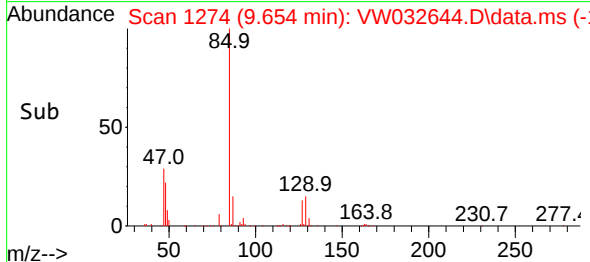
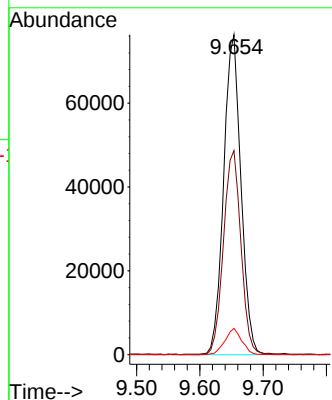
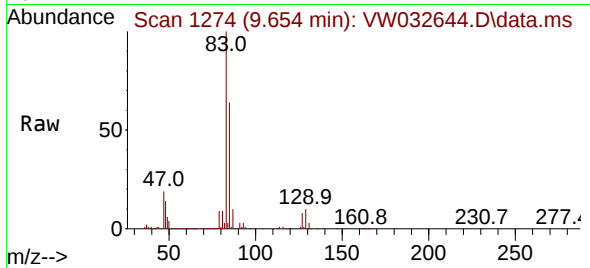




#47
Bromodichloromethane
Concen: 21.157 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

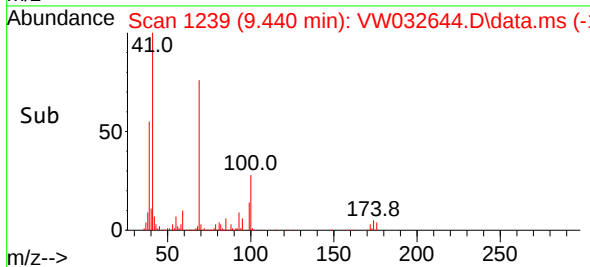
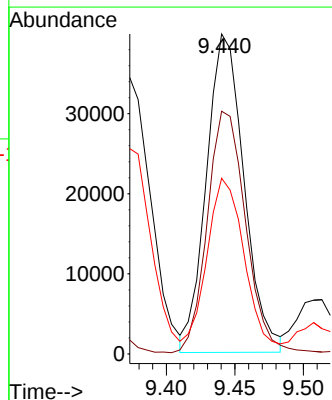
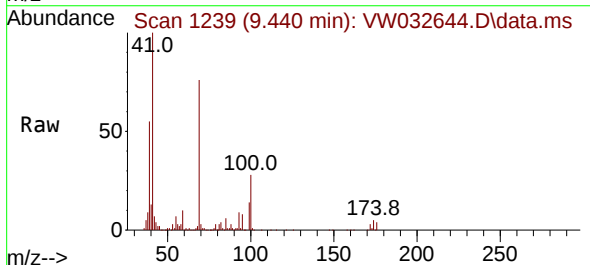
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

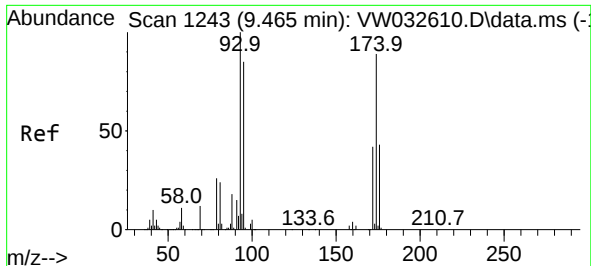
Tgt Ion: 83 Resp: 144741
Ion Ratio Lower Upper
83 100
85 63.7 50.7 76.1
127 8.2 6.0 9.0



#48
Methyl methacrylate
Concen: 20.256 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 41 Resp: 75949
Ion Ratio Lower Upper
41 100
69 77.7 67.9 101.9
39 49.7 43.8 65.8

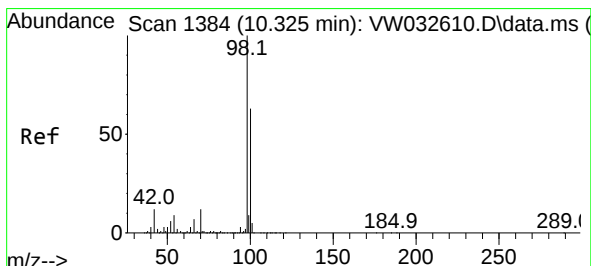
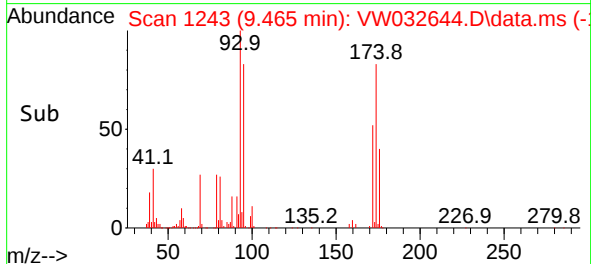
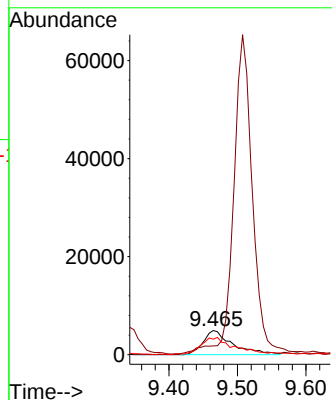
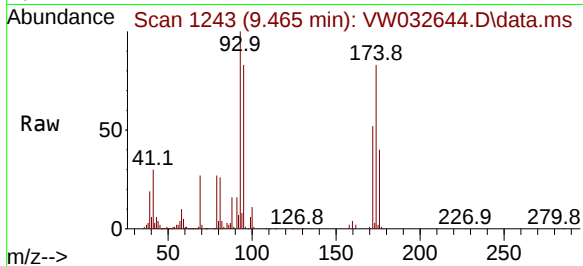




#49
1,4-Dioxane
Concen: 373.391 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

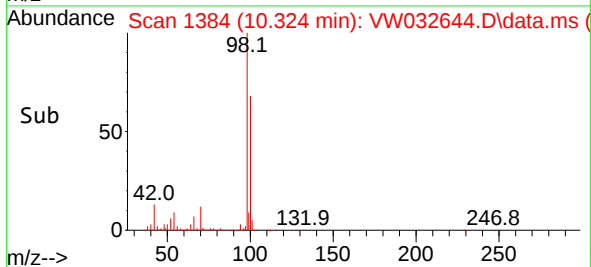
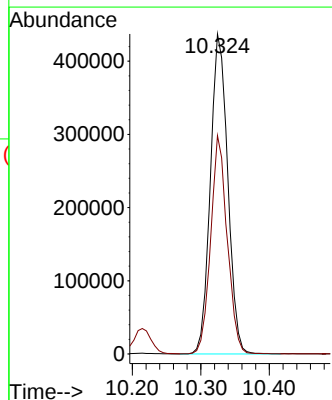
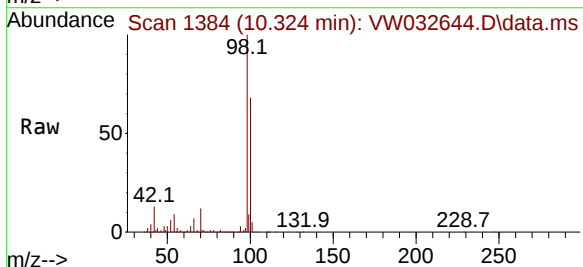
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

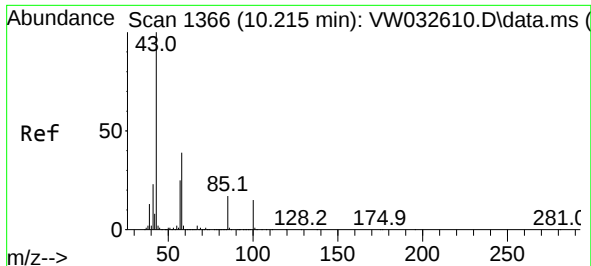
Tgt Ion: 88 Resp: 14732
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.3 63.8 95.8



#50
Toluene-d8
Concen: 47.174 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 98 Resp: 768955
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

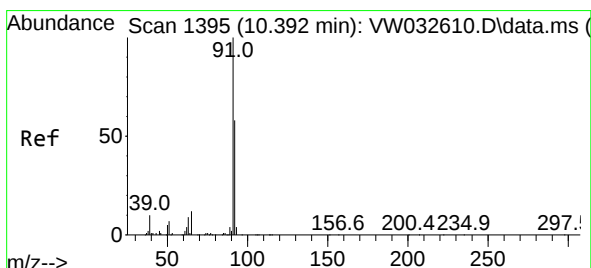
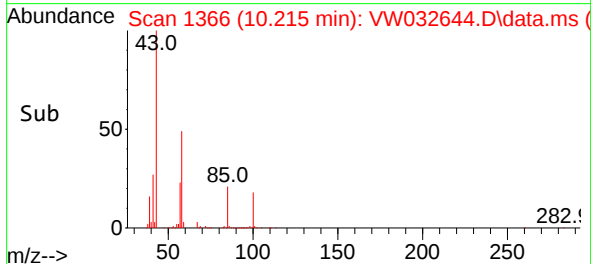
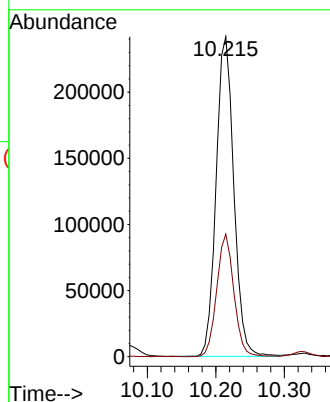
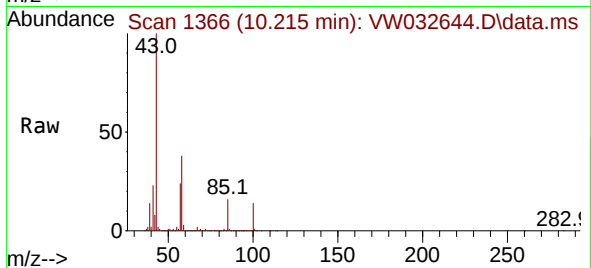




#51
4-Methyl-2-Pentanone
Concen: 97.548 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

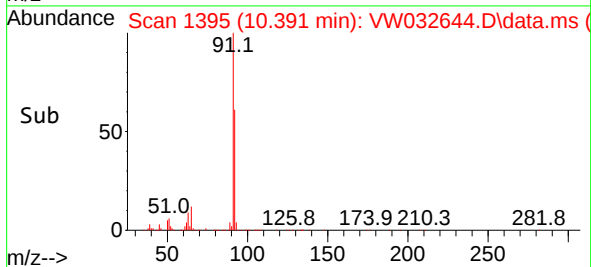
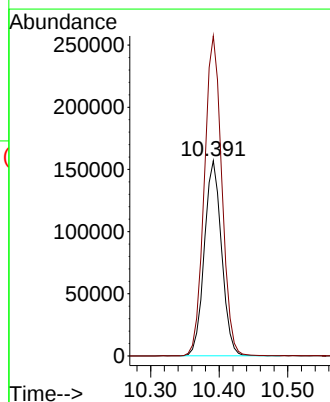
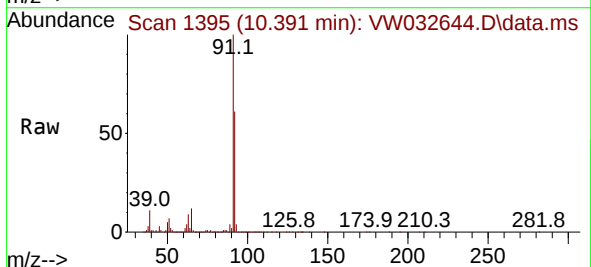
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

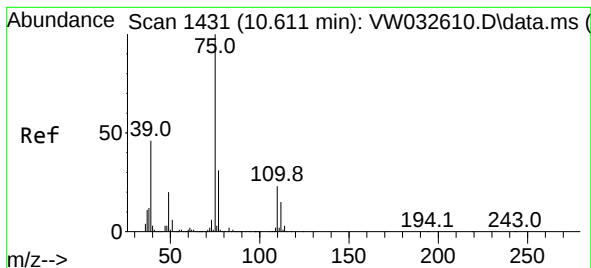
Tgt Ion: 43 Resp: 432029
Ion Ratio Lower Upper
43 100
58 37.3 30.6 45.8



#52
Toluene
Concen: 22.472 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 92 Resp: 274276
Ion Ratio Lower Upper
92 100
91 167.0 137.6 206.4

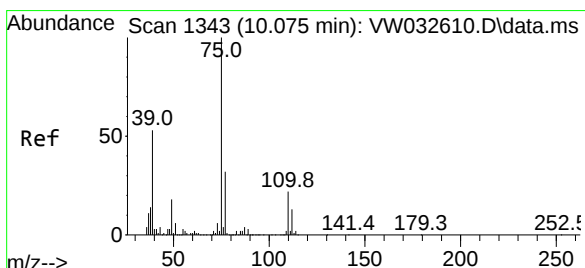
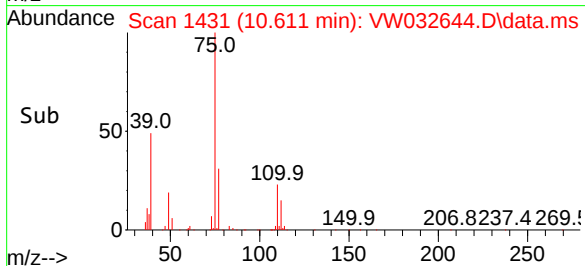
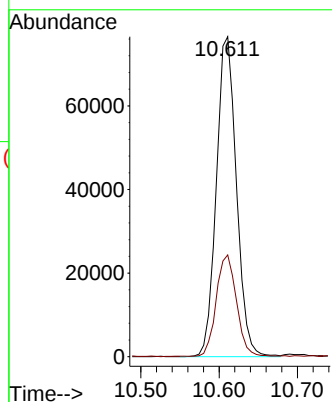
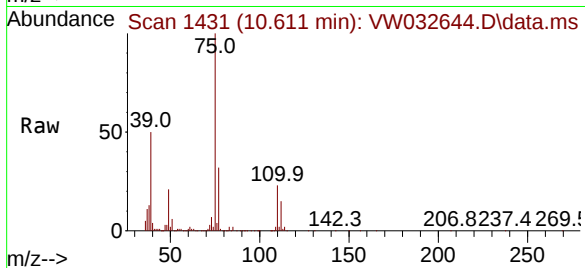




#53
t-1,3-Dichloropropene
Concen: 20.230 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

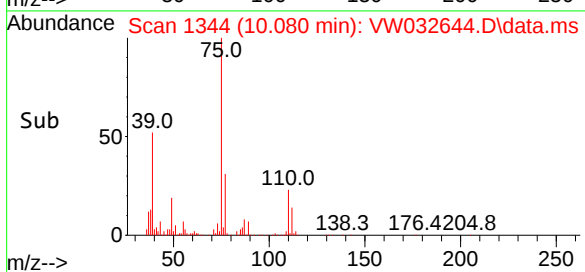
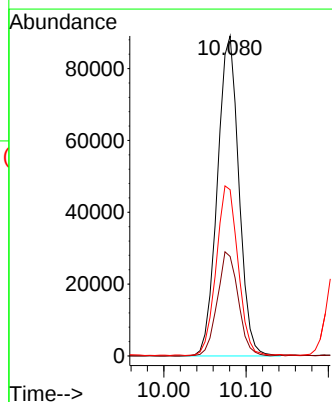
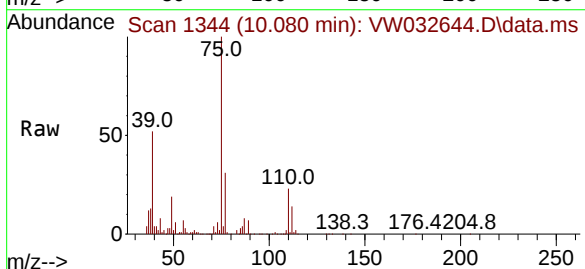
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

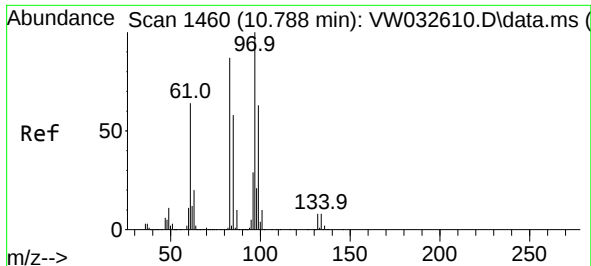
Tgt Ion: 75 Resp: 136458
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.818 ug/l
RT: 10.080 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 75 Resp: 161930
Ion Ratio Lower Upper
75 100
77 31.1 26.0 39.0
39 51.7 42.5 63.7

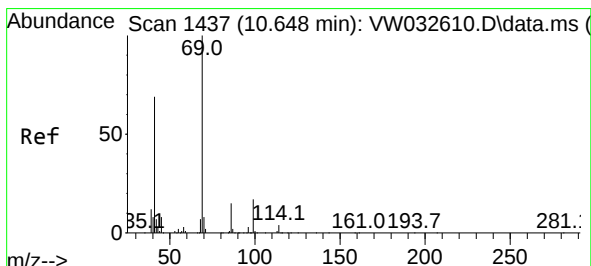
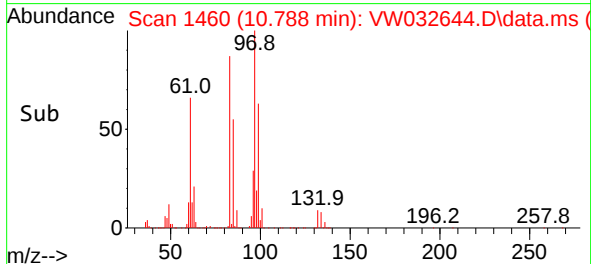
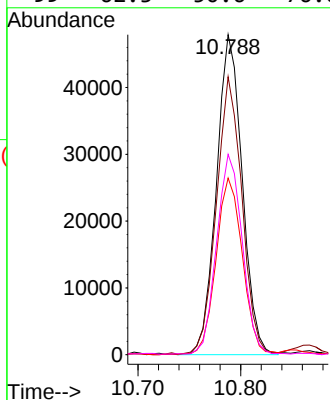
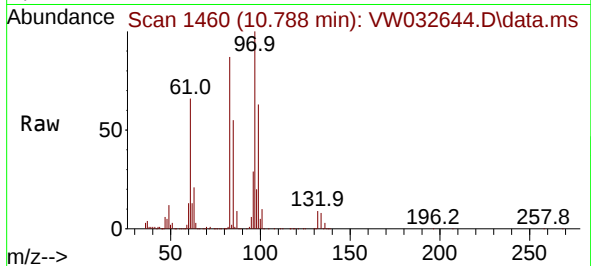




#55
1,1,2-Trichloroethane
Concen: 21.100 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

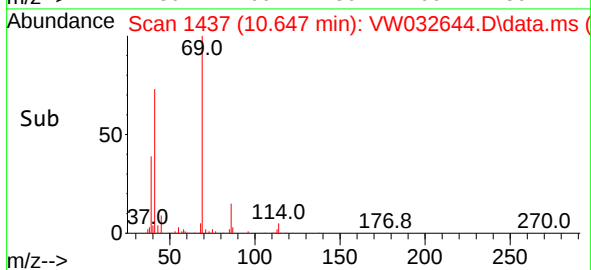
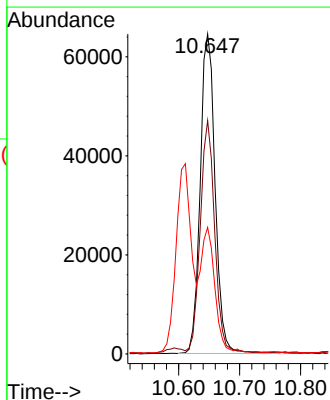
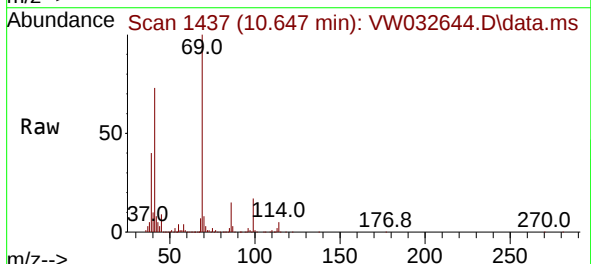
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

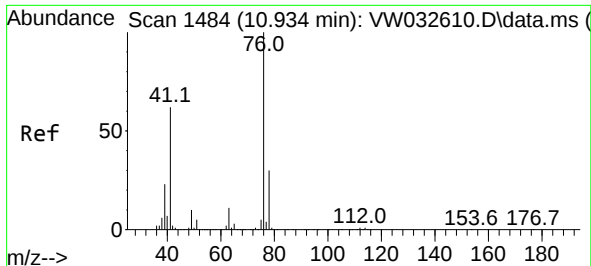
Tgt Ion:	97	Resp:	83262
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.3	103.9
85	55.1	46.1	69.1
99	62.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 19.241 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:	69	Resp:	109612
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.0	85.6
39	37.2	27.2	40.8





#57

1,3-Dichloropropane

Concen: 20.872 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

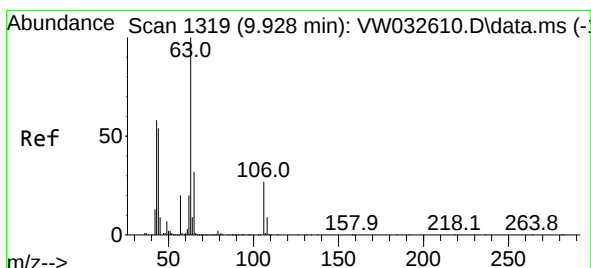
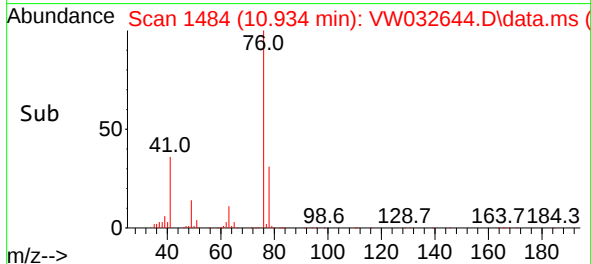
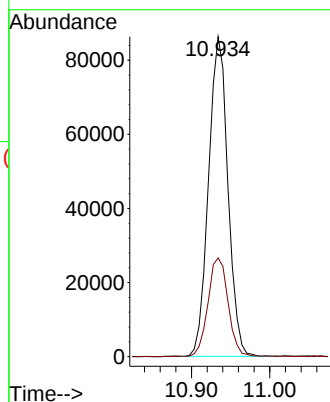
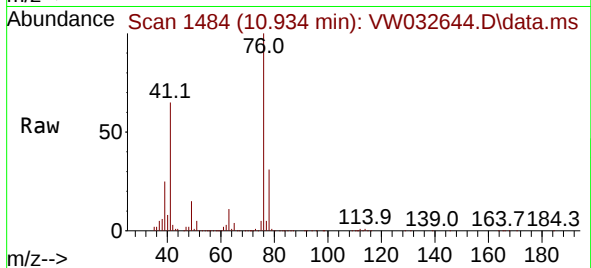
VW1212SBSD01

Tgt Ion: 76 Resp: 147935

Ion Ratio Lower Upper

76 100

78 32.4 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 163.274 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032644.D

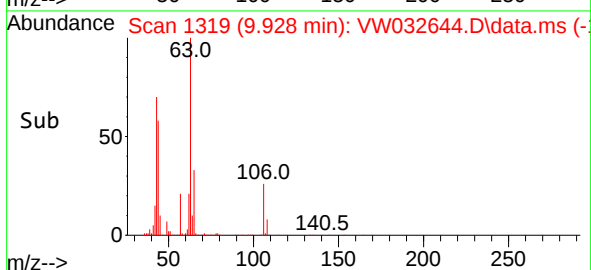
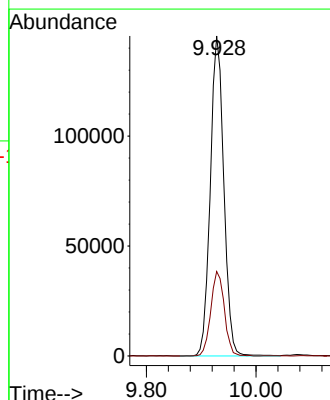
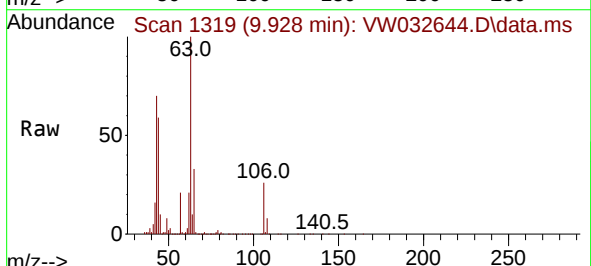
Acq: 12 Dec 2025 10:34

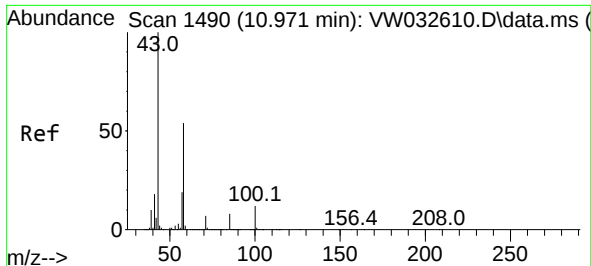
Tgt Ion: 63 Resp: 248299

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

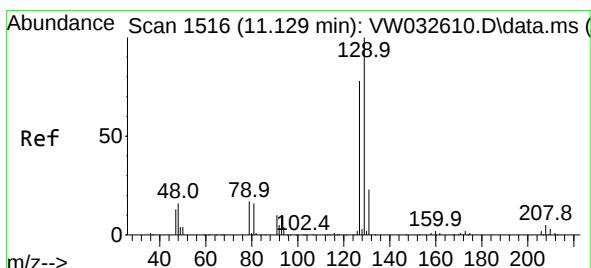
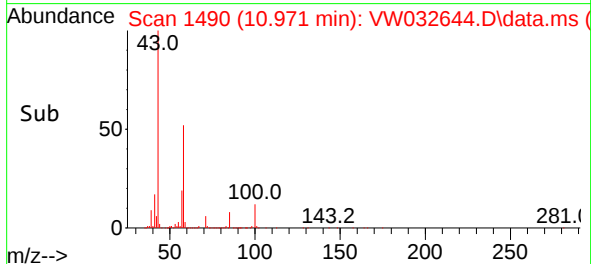
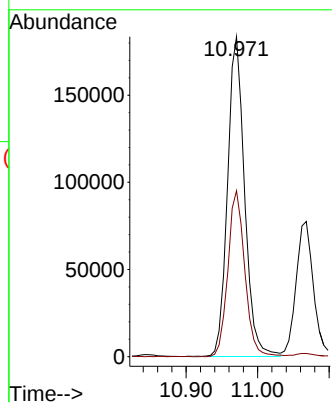
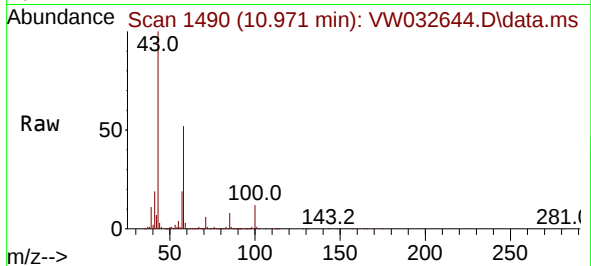




#59
2-Hexanone
Concen: 94.604 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

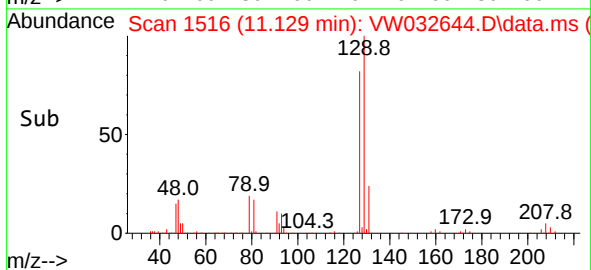
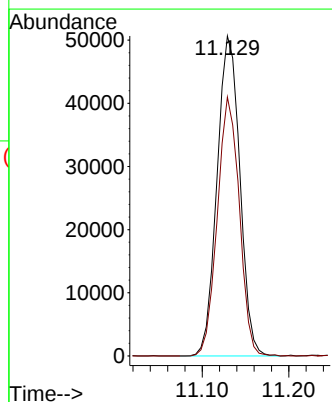
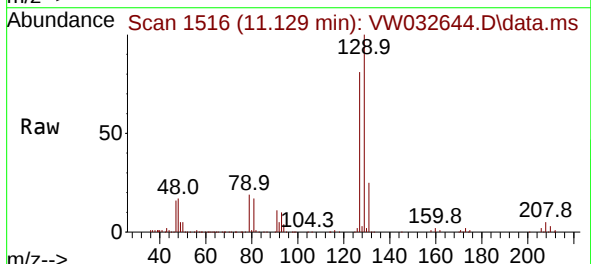
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

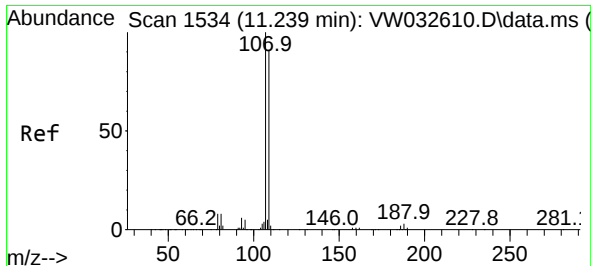
Tgt Ion: 43 Resp: 303458
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.9



#60
Dibromochloromethane
Concen: 21.071 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:129 Resp: 92613
Ion Ratio Lower Upper
129 100
127 77.9 37.2 111.6

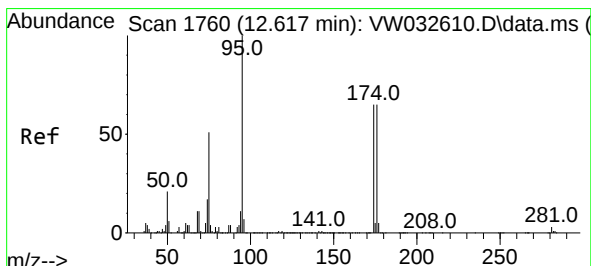
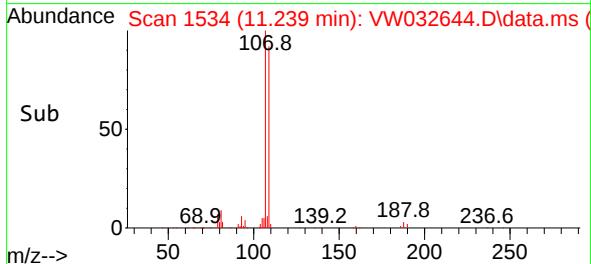
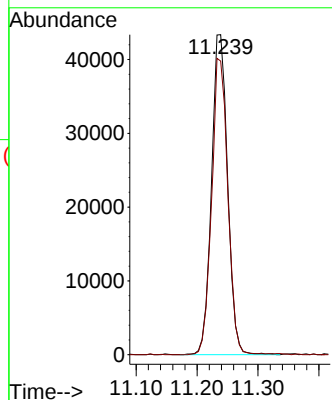
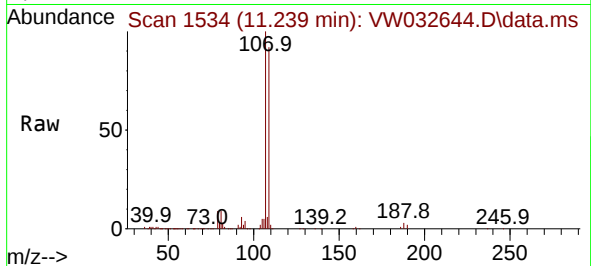




#61
1,2-Dibromoethane
Concen: 20.851 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

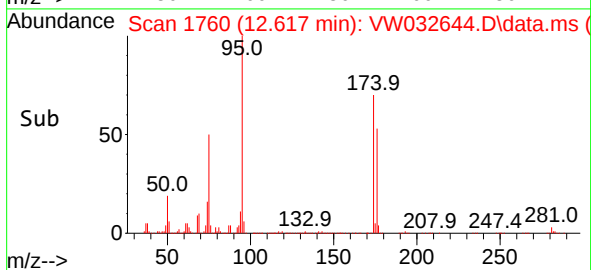
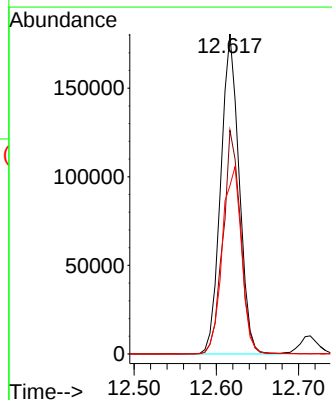
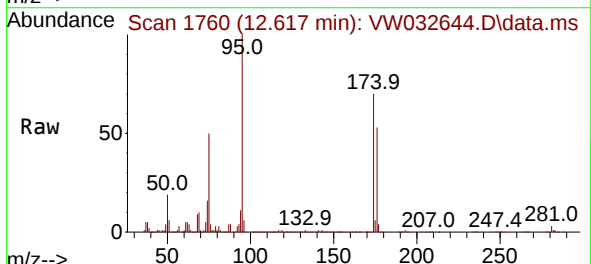
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

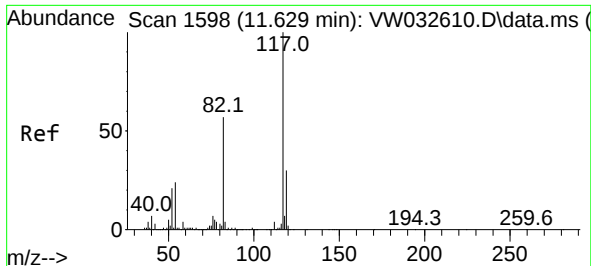
Tgt Ion:107 Resp: 79564
Ion Ratio Lower Upper
107 100
109 93.0 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 95 Resp: 280255
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.0
176 61.7 0.0 123.4

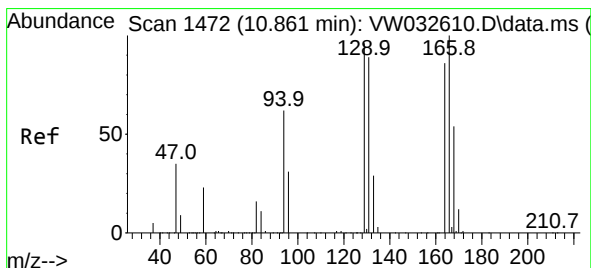
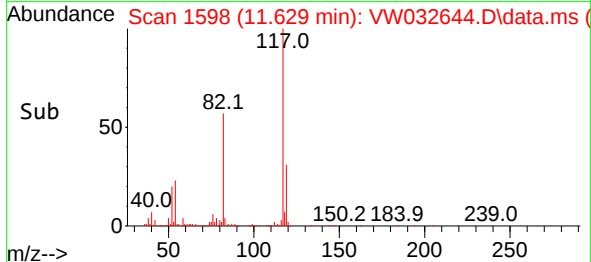
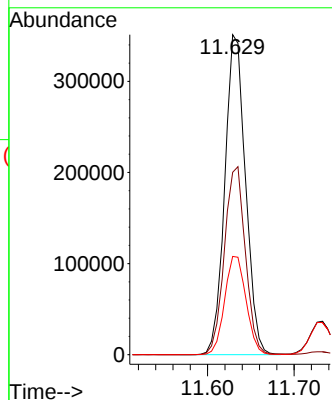
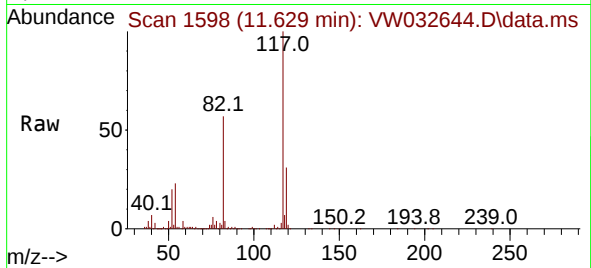




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

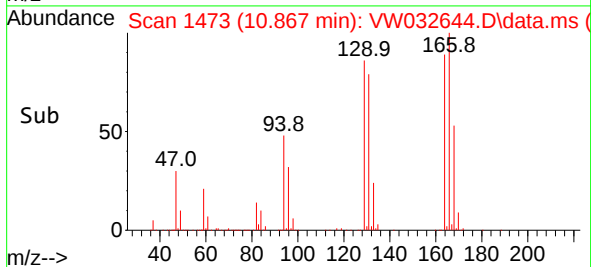
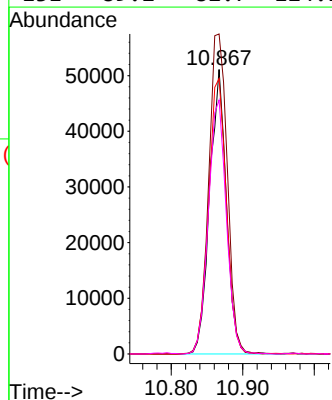
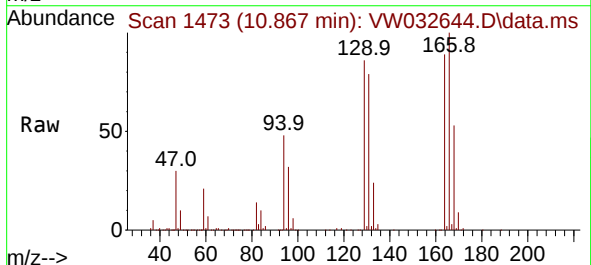
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

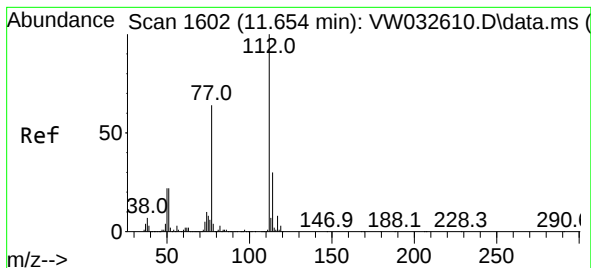
Tgt Ion:117 Resp: 583673
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 30.7 23.8 35.8



#64
Tetrachloroethene
Concen: 22.157 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:164 Resp: 82917
Ion Ratio Lower Upper
164 100
166 112.5 93.0 139.6
129 96.8 89.2 133.8
131 89.2 82.7 124.1





#65

Chlorobenzene

Concen: 21.390 ug/l

RT: 11.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

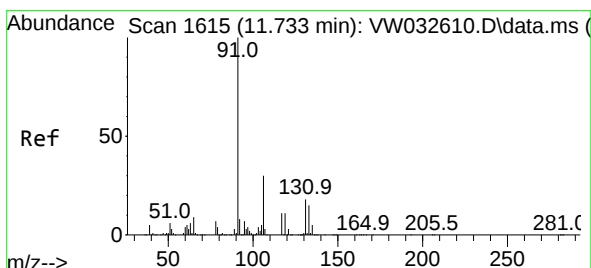
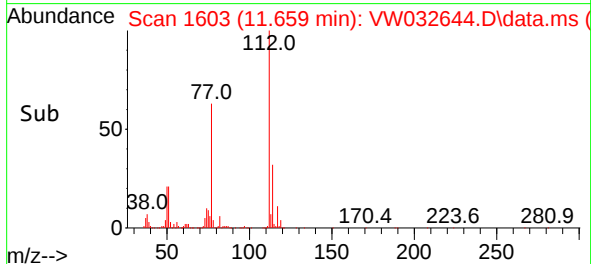
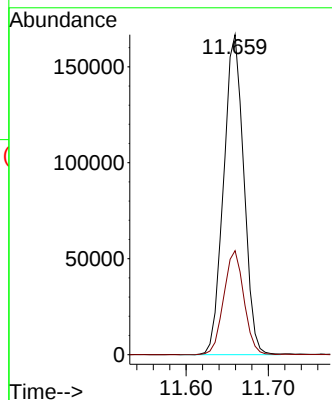
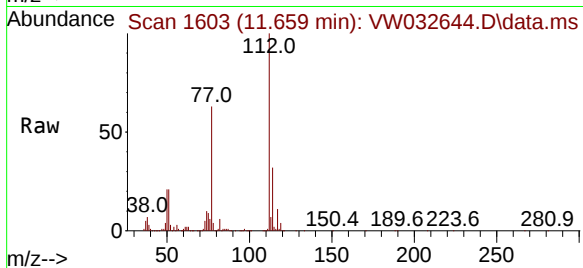
VW1212SBSD01

Tgt Ion:112 Resp: 285084

Ion Ratio Lower Upper

112 100

114 32.5 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.713 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

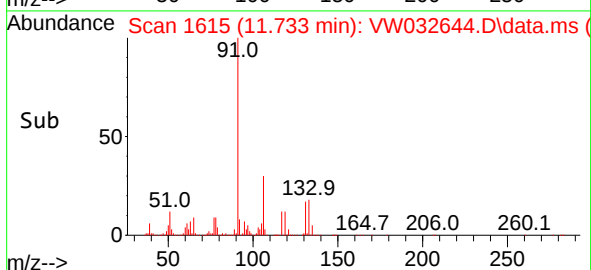
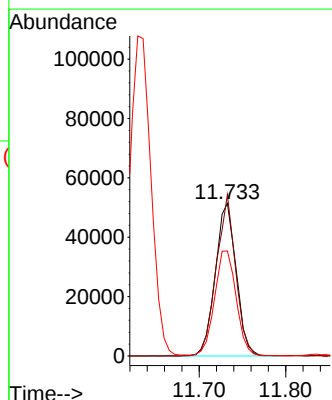
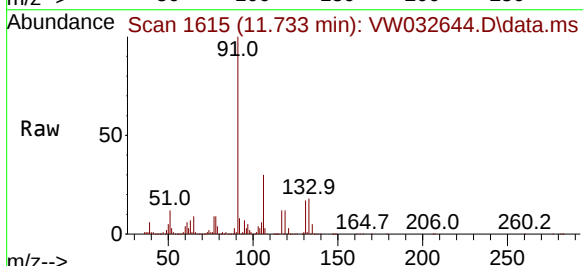
Tgt Ion:131 Resp: 86209

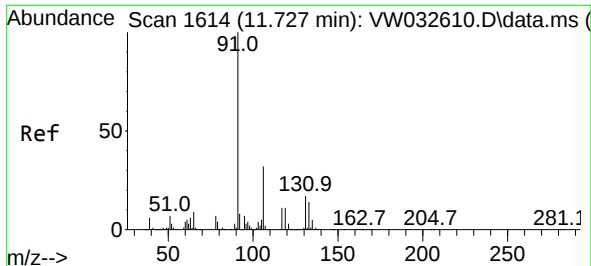
Ion Ratio Lower Upper

131 100

133 98.1 44.0 132.1

119 70.8 32.0 96.2





#67

Ethyl Benzene

Concen: 21.408 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

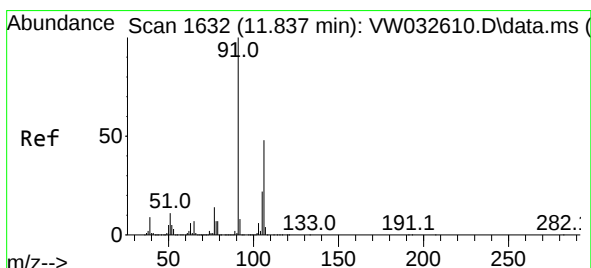
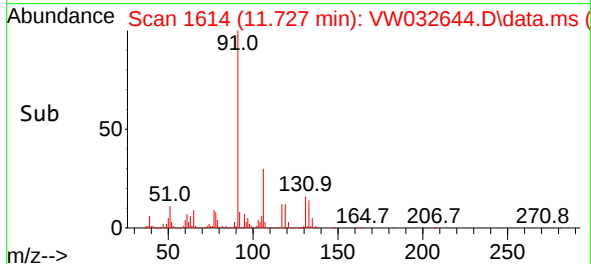
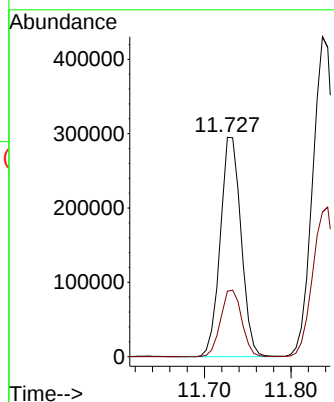
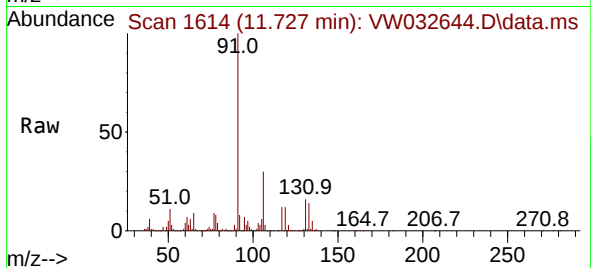
VW1212SBSD01

Tgt Ion: 91 Resp: 493094

Ion Ratio Lower Upper

91 100

106 29.8 25.8 38.6



#68

m/p-Xylenes

Concen: 42.781 ug/l

RT: 11.842 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW032644.D

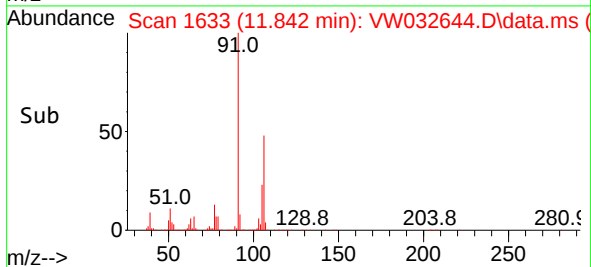
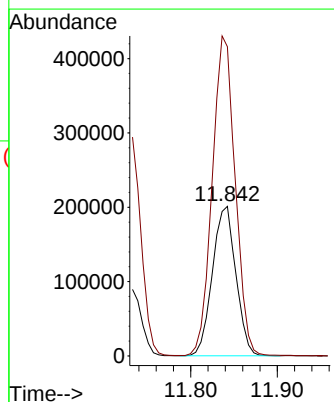
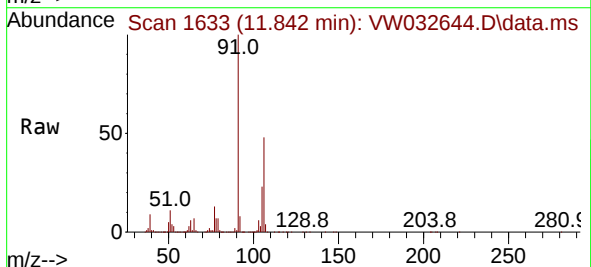
Acq: 12 Dec 2025 10:34

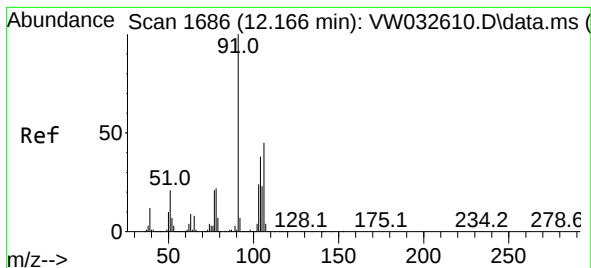
Tgt Ion:106 Resp: 378174

Ion Ratio Lower Upper

106 100

91 209.9 165.6 248.4

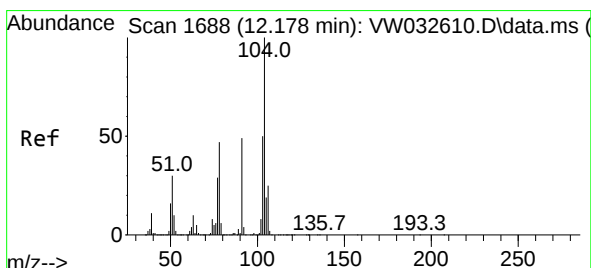
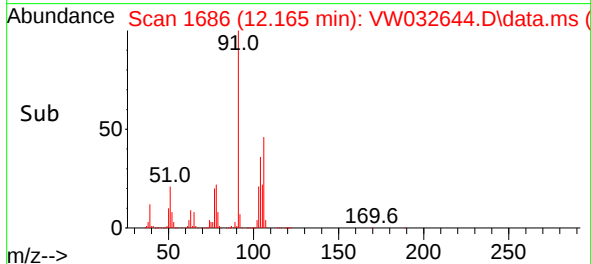
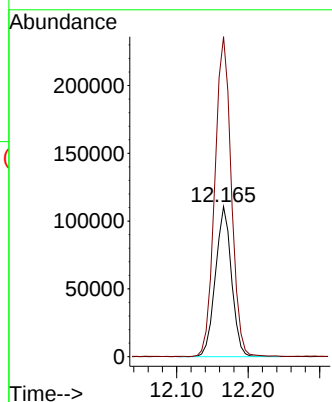
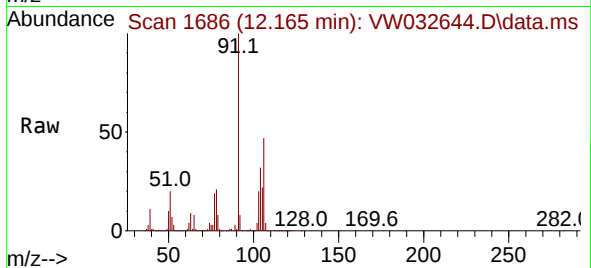




#69
o-Xylene
Concen: 21.191 ug/l
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

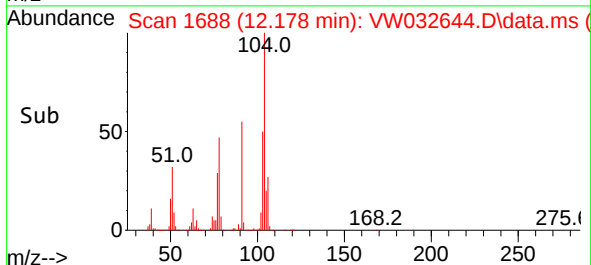
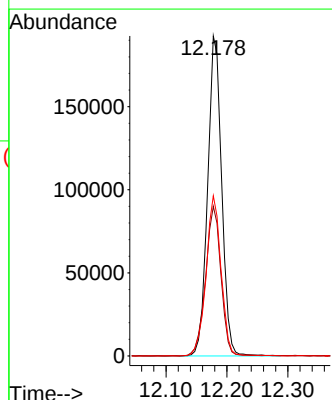
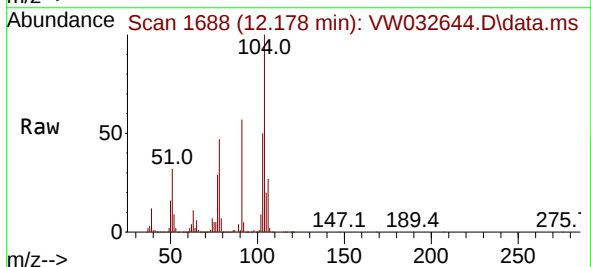
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

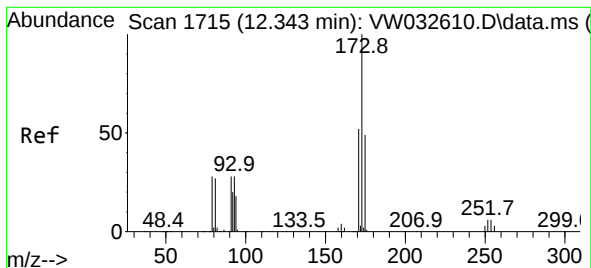
Tgt Ion:106 Resp: 172761
Ion Ratio Lower Upper
106 100
91 218.4 108.3 324.8



#70
Styrene
Concen: 21.760 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:104 Resp: 309269
Ion Ratio Lower Upper
104 100
78 51.0 41.5 62.3
103 53.5 43.8 65.6





#71

Bromoform

Concen: 20.083 ug/l

RT: 12.348 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

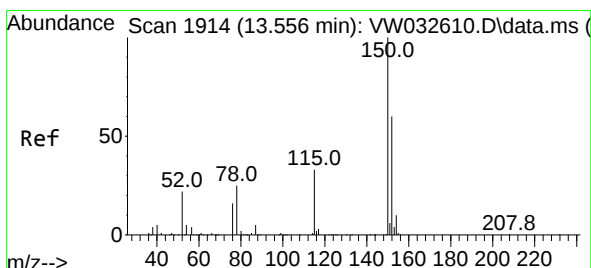
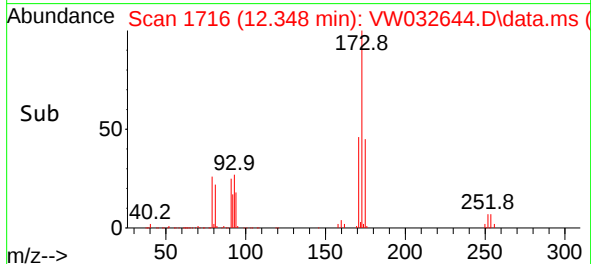
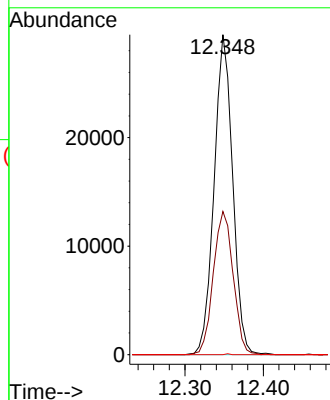
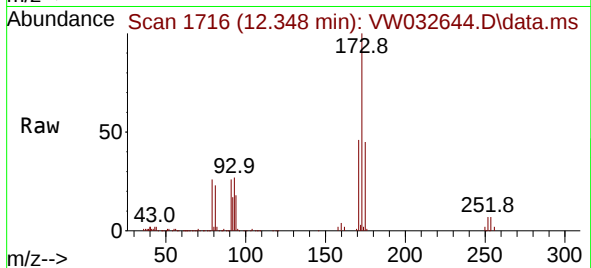
Tgt Ion:173 Resp: 48533

Ion Ratio Lower Upper

173 100

175 47.8 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

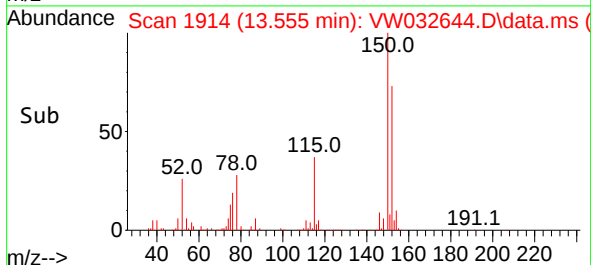
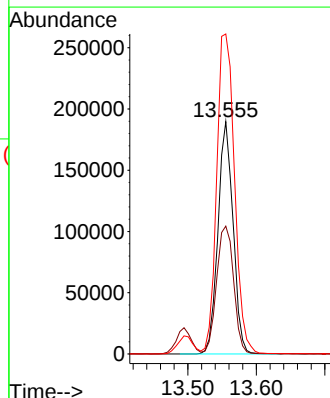
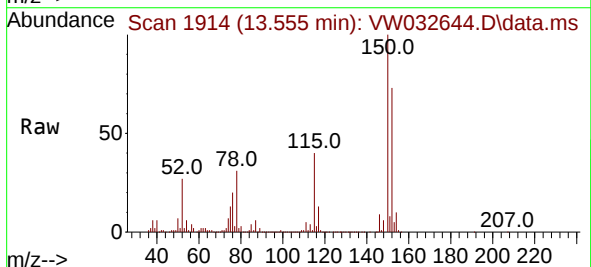
Tgt Ion:152 Resp: 289473

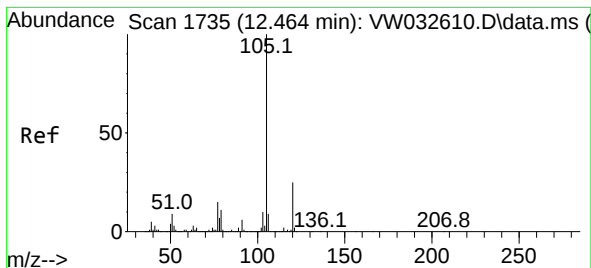
Ion Ratio Lower Upper

152 100

115 62.1 33.8 101.3

150 162.4 0.0 369.4





#73

Isopropylbenzene

Concen: 20.083 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

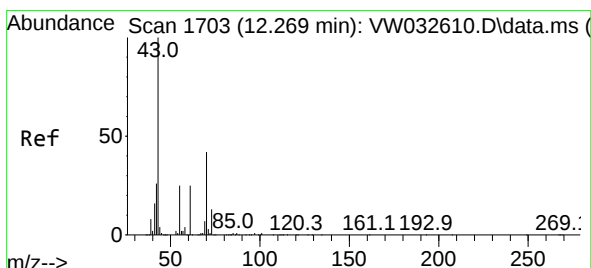
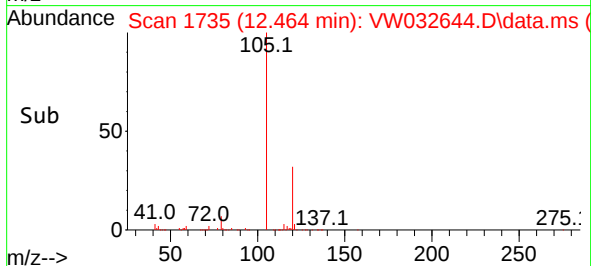
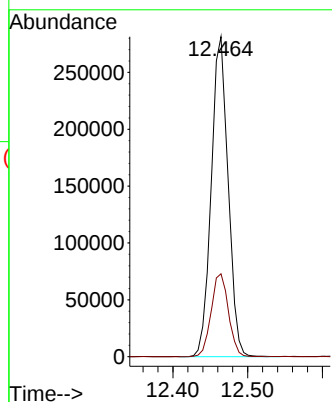
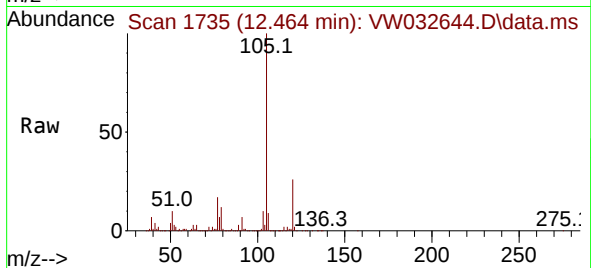
VW1212SBS01

Tgt Ion:105 Resp: 442180

Ion Ratio Lower Upper

105 100

120 26.6 13.0 39.0



#74

N-ethyl acetate

Concen: 17.980 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Tgt Ion: 43 Resp: 135635

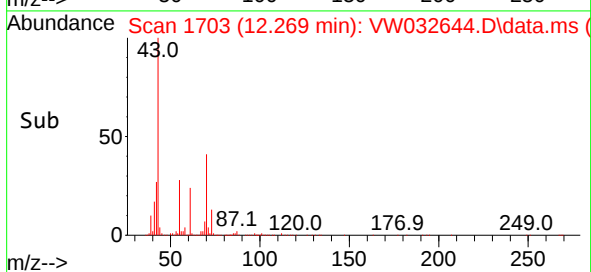
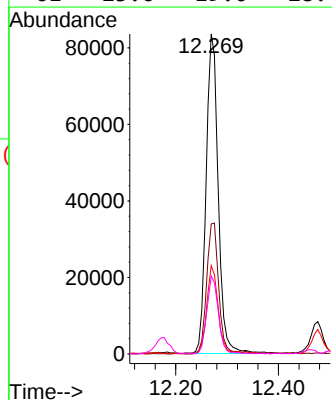
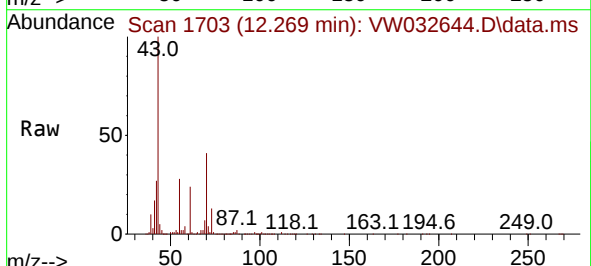
Ion Ratio Lower Upper

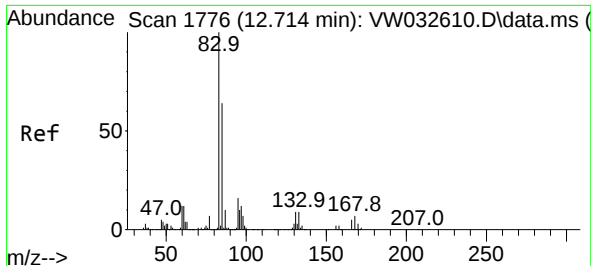
43 100

70 40.9 32.4 48.6

55 26.1 19.8 29.6

61 23.6 19.0 28.4

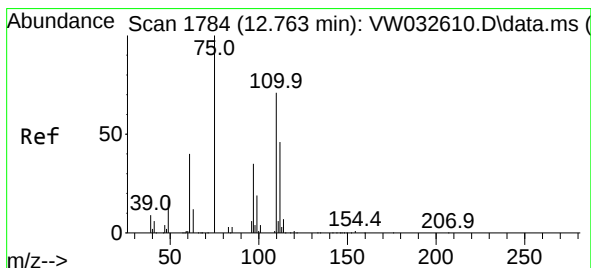
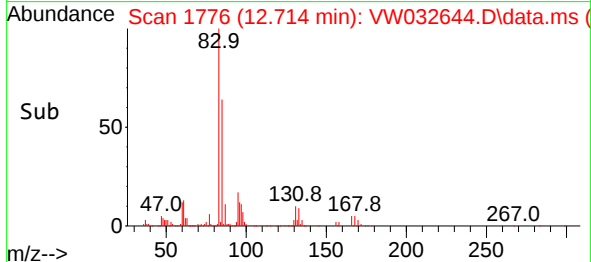
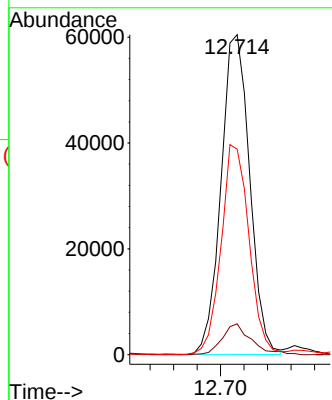
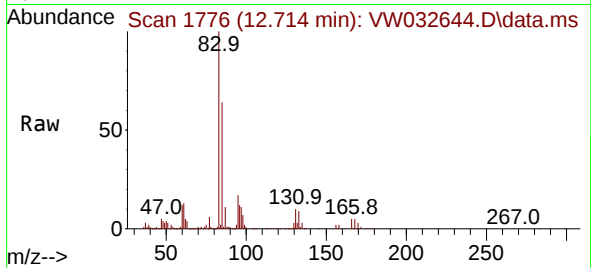




#75
1,1,2-Tetrachloroethane
Concen: 19.293 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

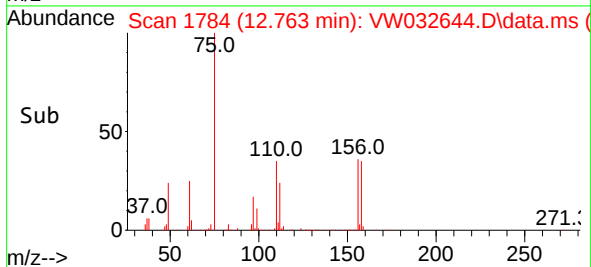
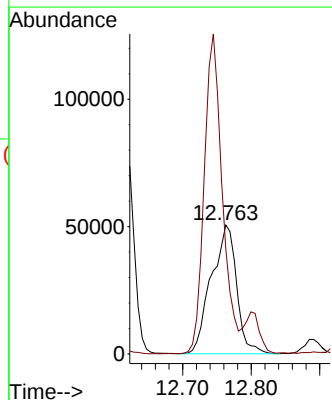
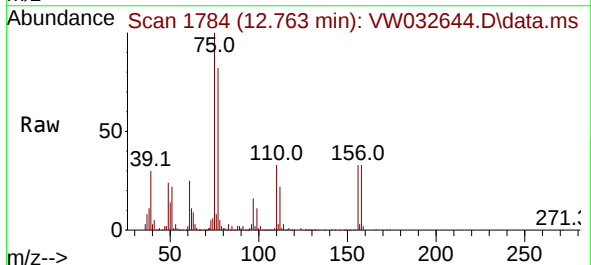
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

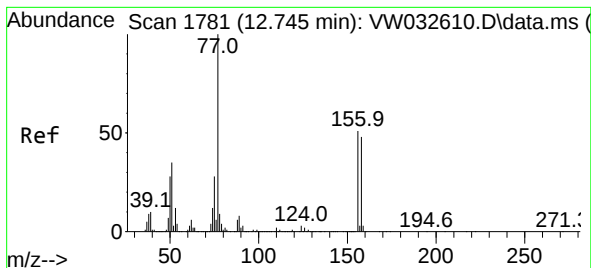
Tgt Ion: 83 Resp: 102263
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 33.381 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 75 Resp: 129664
Ion Ratio Lower Upper
75 100
77 177.9 154.0 462.0





#77

Bromobenzene

Concen: 20.527 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

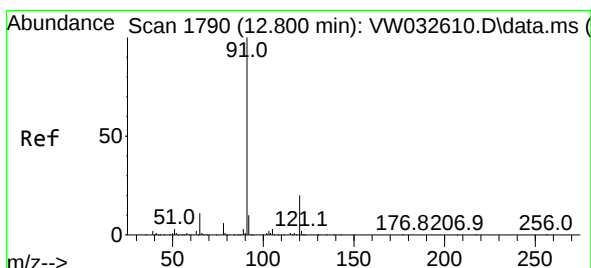
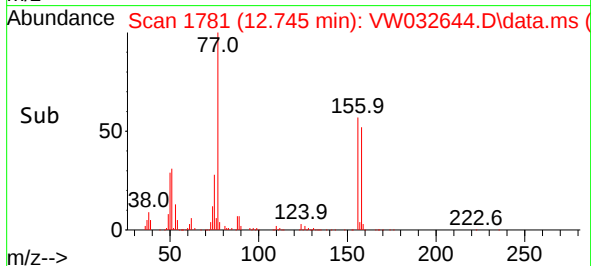
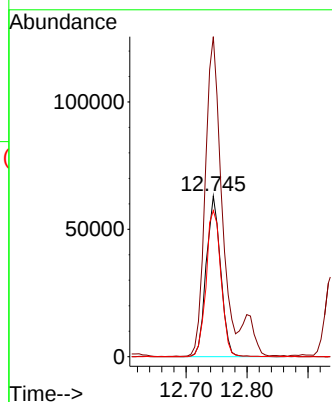
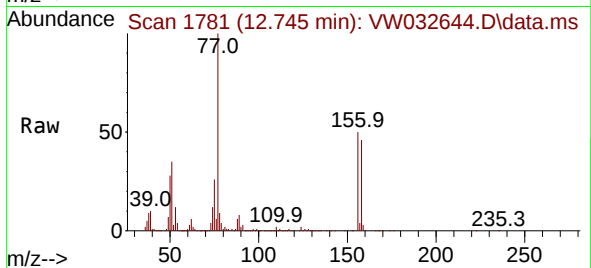
Tgt Ion:156 Resp: 103711

Ion Ratio Lower Upper

156 100

77 222.4 116.7 350.1

158 94.0 49.9 149.7



#78

n-propylbenzene

Concen: 20.676 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032644.D

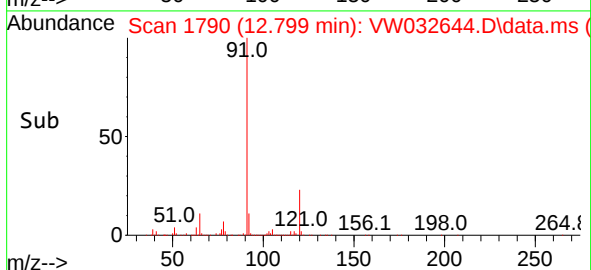
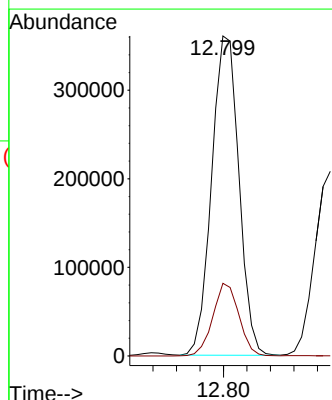
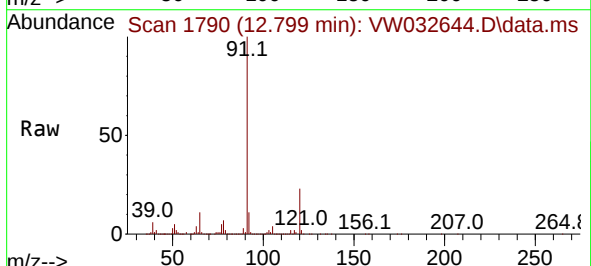
Acq: 12 Dec 2025 10:34

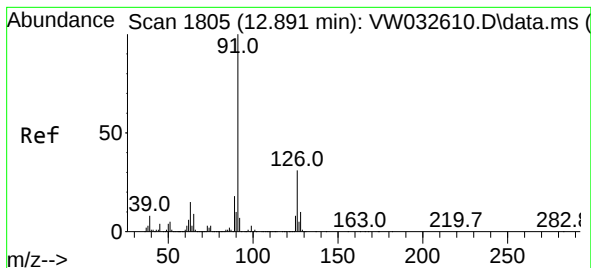
Tgt Ion: 91 Resp: 581480

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6

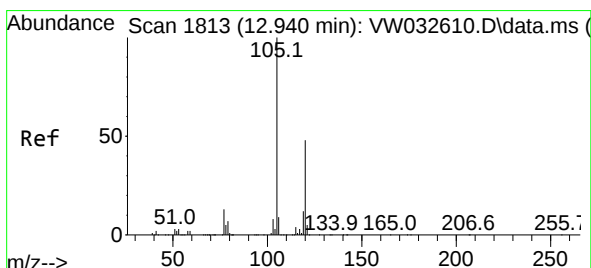
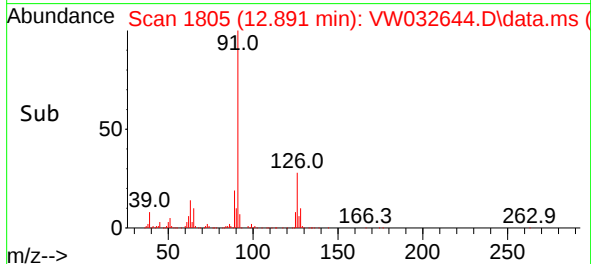
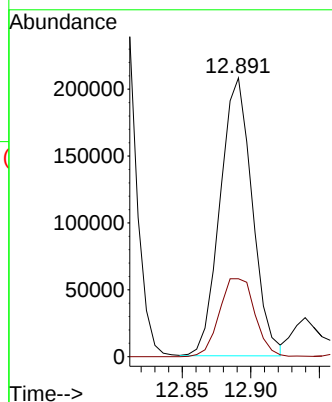
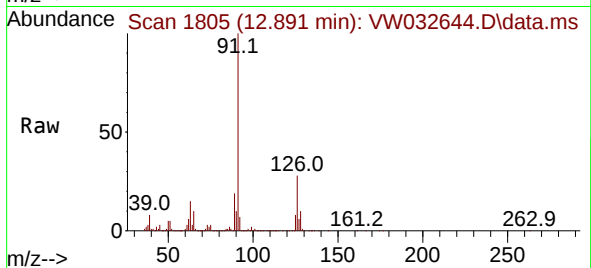




#79
2-Chlorotoluene
Concen: 20.601 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

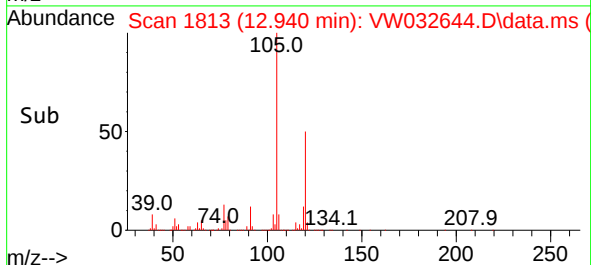
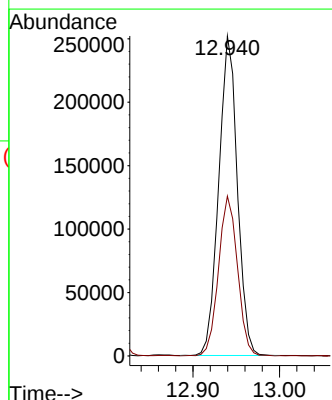
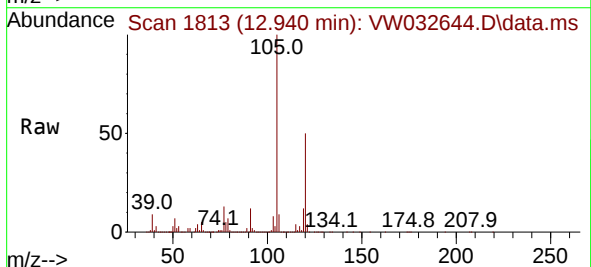
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

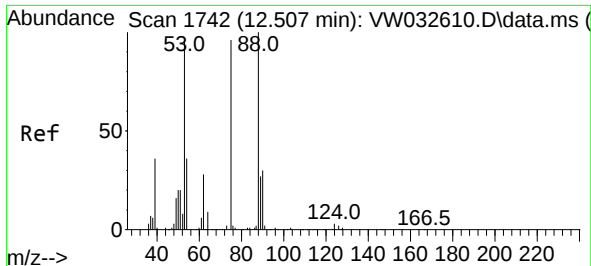
Tgt Ion: 91 Resp: 340095
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.335 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 105 Resp: 376050
Ion Ratio Lower Upper
105 100
120 50.9 24.3 72.8

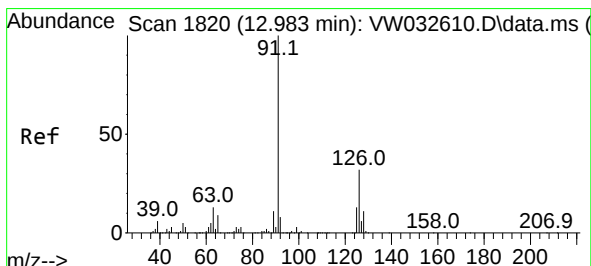
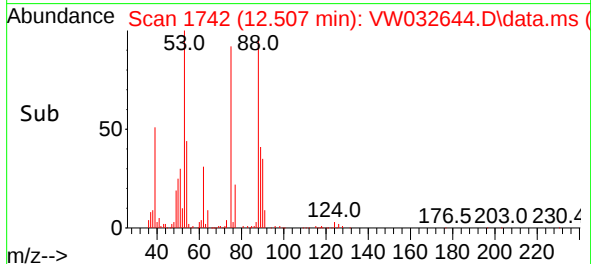
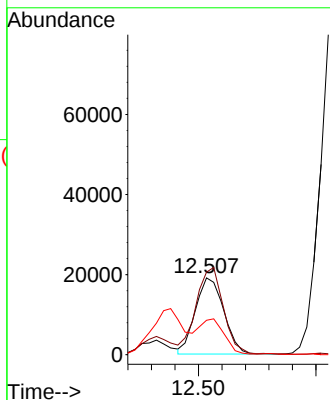
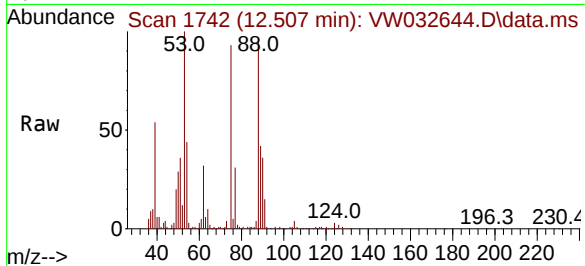




#81
trans-1,4-Dichloro-2-butene
Concen: 23.300 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

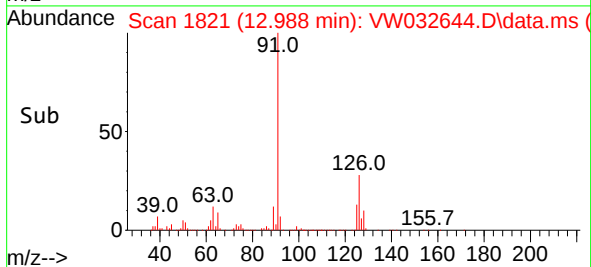
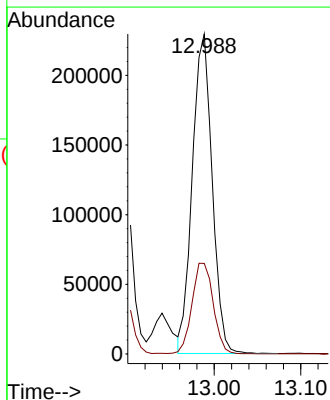
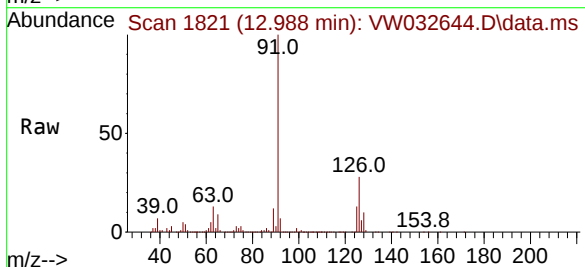
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

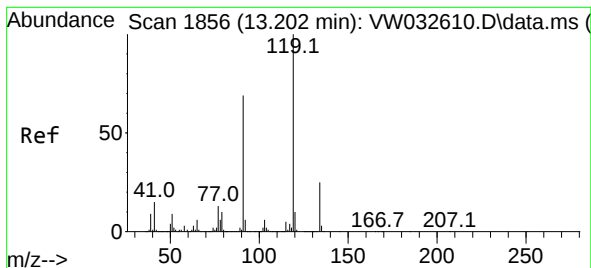
Tgt Ion: 75 Resp: 32012
Ion Ratio Lower Upper
75 100
53 110.5 86.1 129.1
89 40.2 37.4 56.2



#82
4-Chlorotoluene
Concen: 20.821 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion: 91 Resp: 365047
Ion Ratio Lower Upper
91 100
126 30.5 15.8 47.4





#83

tert-Butylbenzene

Concen: 20.206 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

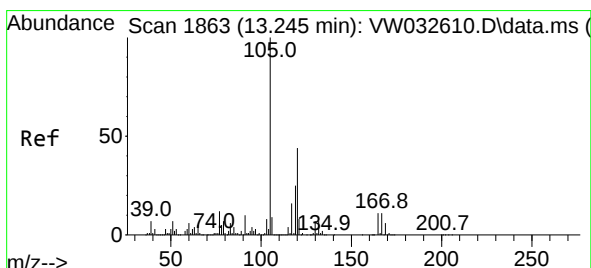
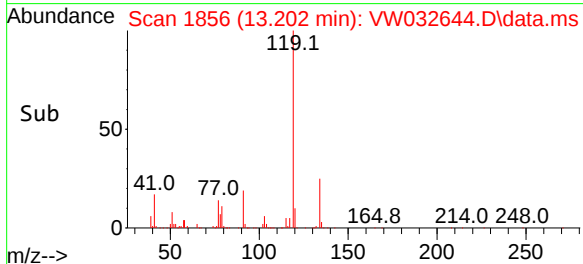
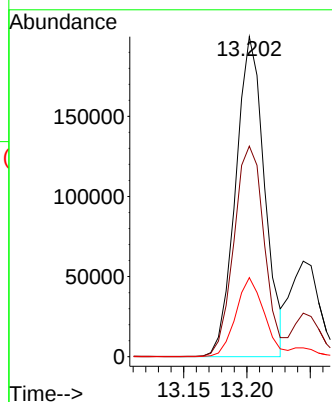
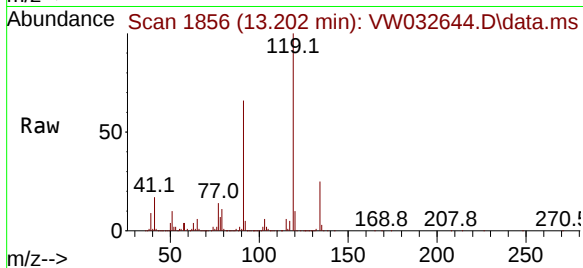
Tgt Ion:119 Resp: 318322

Ion Ratio Lower Upper

119 100

91 69.8 34.3 102.8

134 24.3 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 21.179 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032644.D

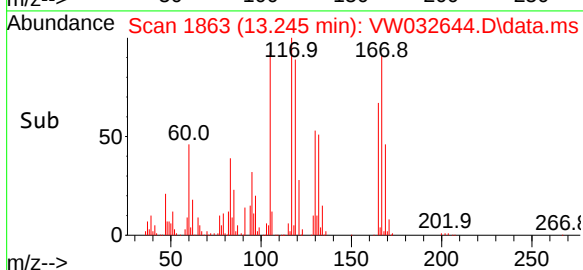
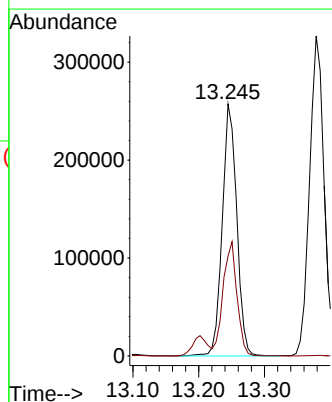
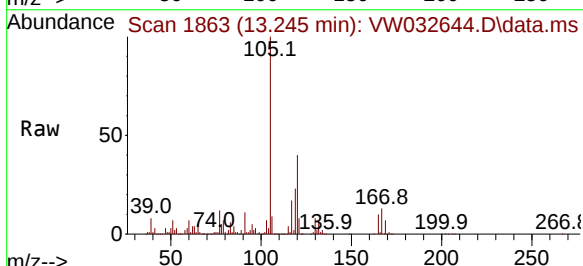
Acq: 12 Dec 2025 10:34

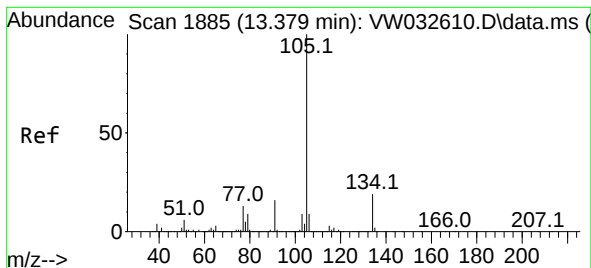
Tgt Ion:105 Resp: 395008

Ion Ratio Lower Upper

105 100

120 43.6 22.4 67.0

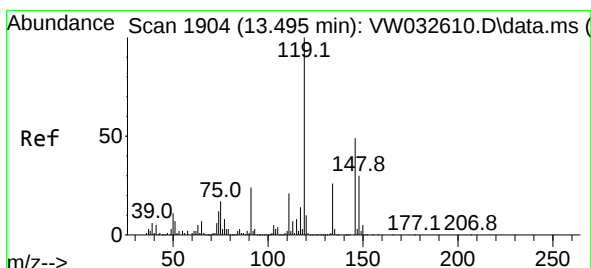
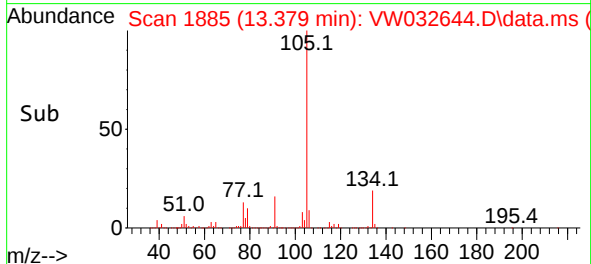
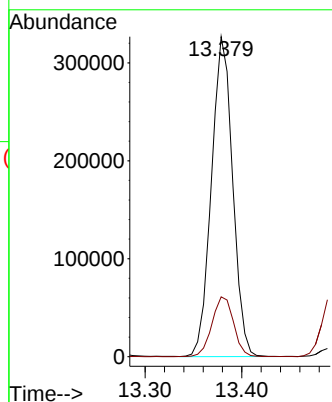
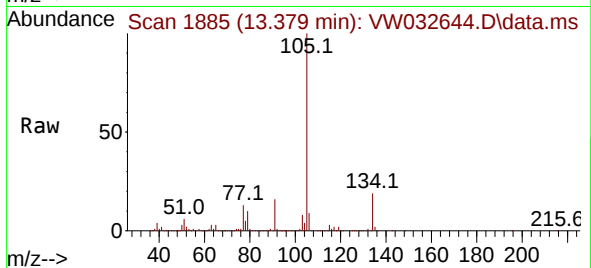




#85
 sec-Butylbenzene
 Concen: 20.651 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032644.D
 Acq: 12 Dec 2025 10:34

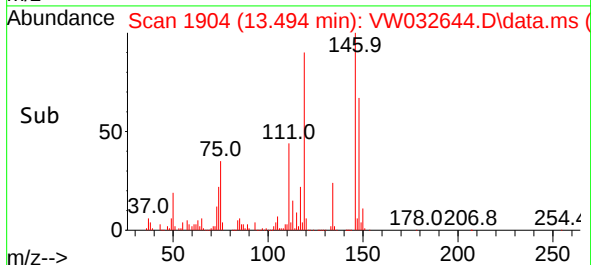
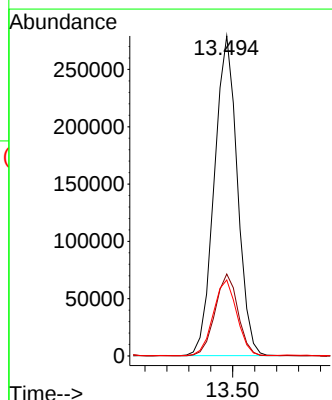
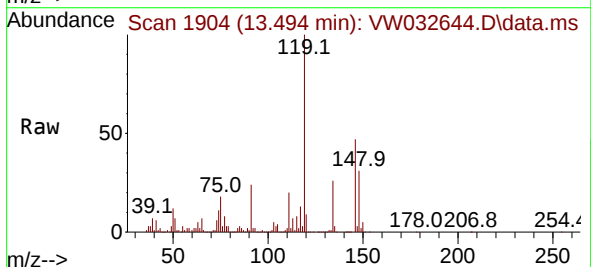
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1212SBSD01

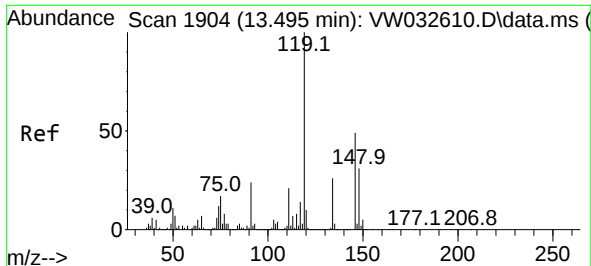
Tgt Ion:105 Resp: 498125
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.779 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032644.D
 Acq: 12 Dec 2025 10:34

Tgt Ion:119 Resp: 407648
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.2 12.1 36.3

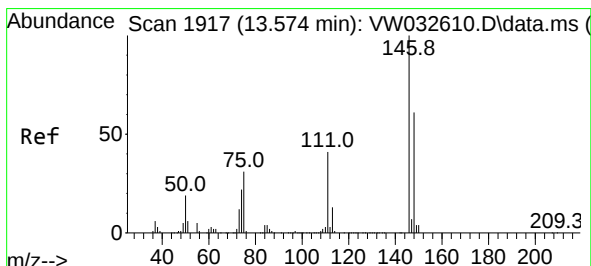
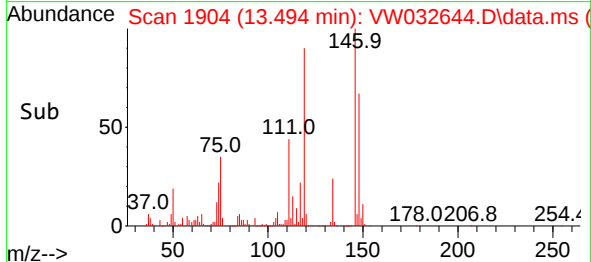
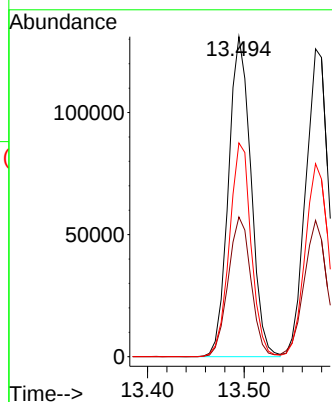
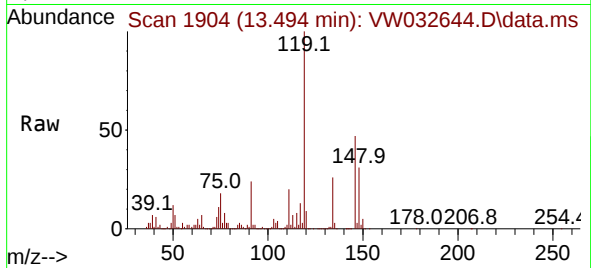




#87
1,3-Dichlorobenzene
Concen: 20.412 ug/l
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

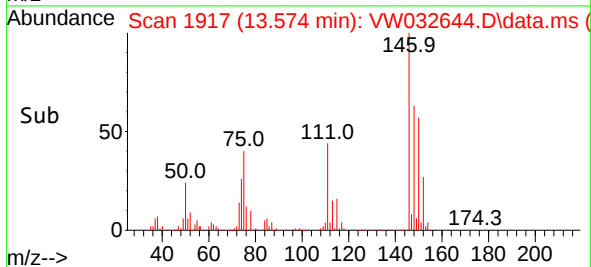
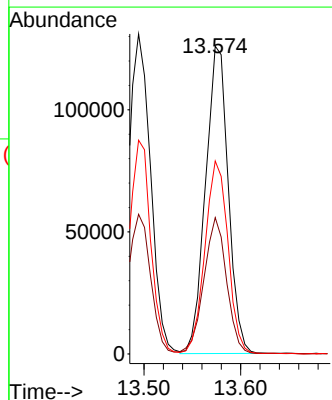
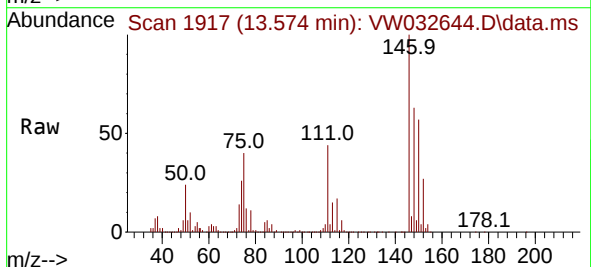
Instrument :
MSVOA_W
ClientSampleId :
VW1212SBSD01

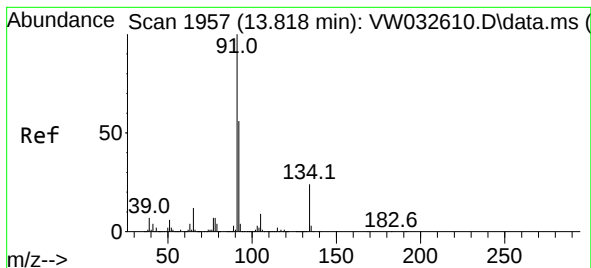
Tgt Ion:146 Resp: 211090
Ion Ratio Lower Upper
146 100
111 44.3 21.6 64.6
148 64.7 31.1 93.3



#88
1,4-Dichlorobenzene
Concen: 19.998 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032644.D
Acq: 12 Dec 2025 10:34

Tgt Ion:146 Resp: 205934
Ion Ratio Lower Upper
146 100
111 44.2 20.9 62.8
148 63.9 30.4 91.2





#89

n-Butylbenzene

Concen: 20.694 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

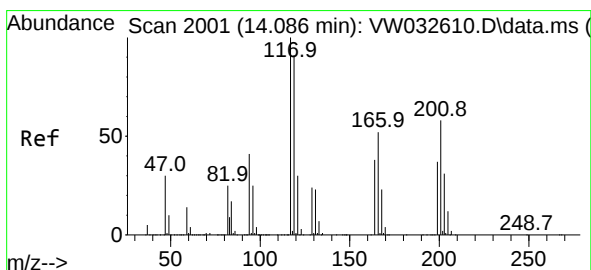
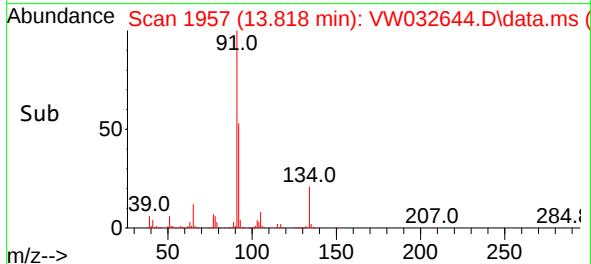
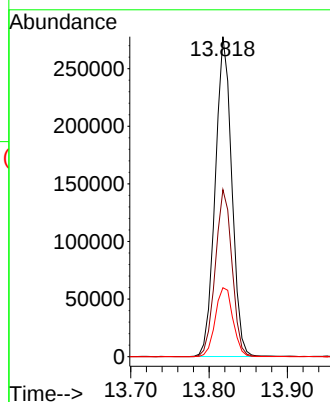
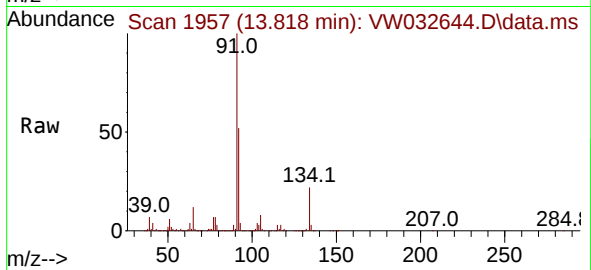
Tgt Ion: 91 Resp: 407897

Ion Ratio Lower Upper

91 100

92 52.7 27.4 82.0

134 23.1 11.8 35.4



#90

Hexachloroethane

Concen: 20.659 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032644.D

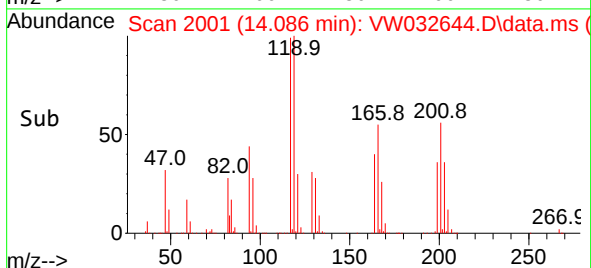
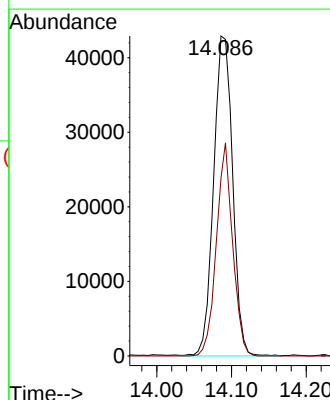
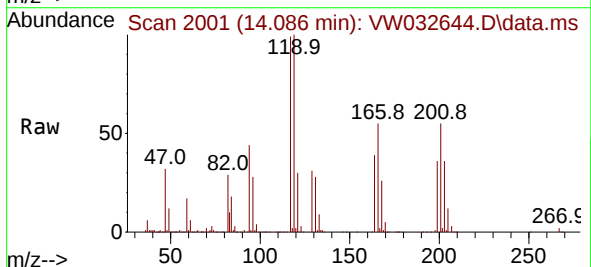
Acq: 12 Dec 2025 10:34

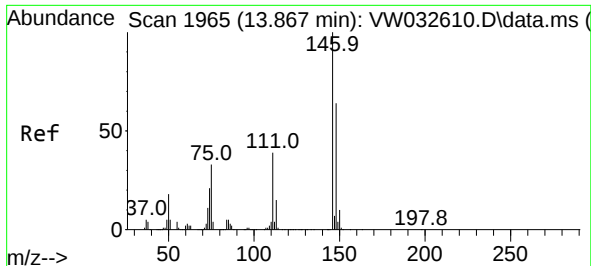
Tgt Ion: 117 Resp: 75699

Ion Ratio Lower Upper

117 100

201 57.0 30.4 91.2





#91

1,2-Dichlorobenzene

Concen: 20.058 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

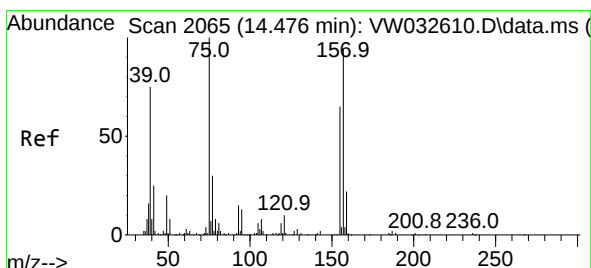
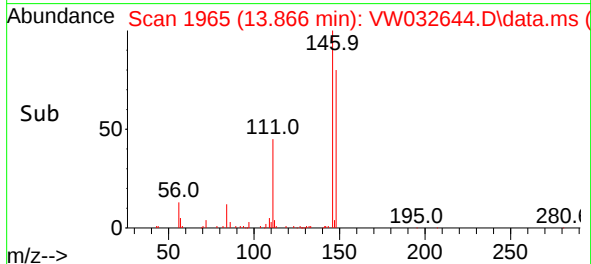
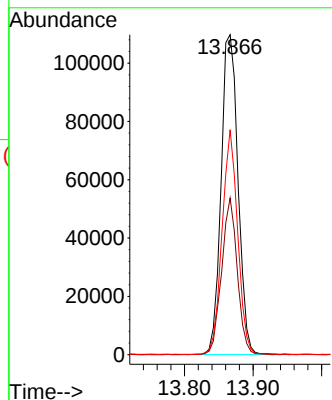
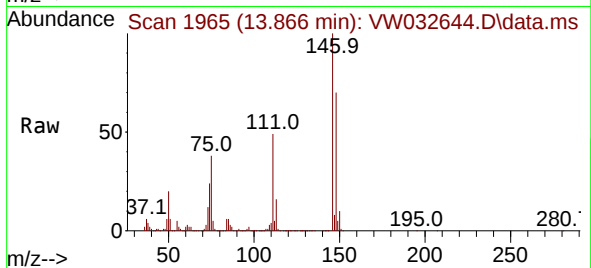
Tgt Ion:146 Resp: 187225

Ion Ratio Lower Upper

146 100

111 45.4 21.5 64.5

148 65.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.298 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

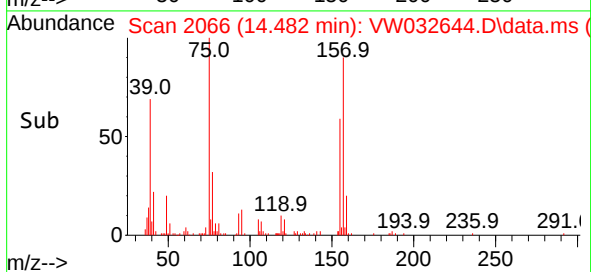
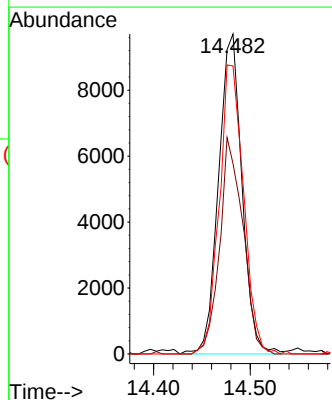
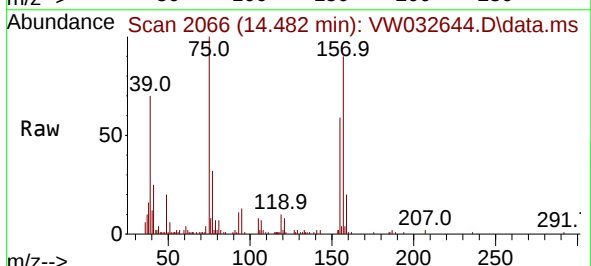
Tgt Ion: 75 Resp: 16285

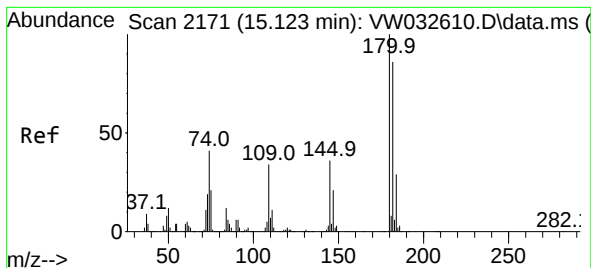
Ion Ratio Lower Upper

75 100

155 67.1 35.3 105.9

157 93.7 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 19.822 ug/l

RT: 15.128 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

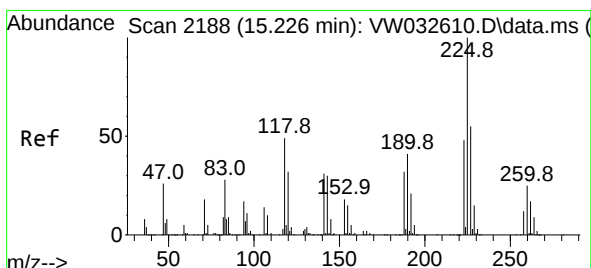
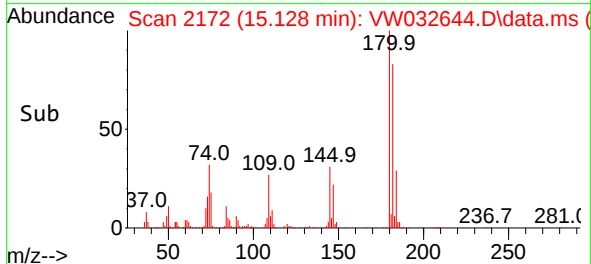
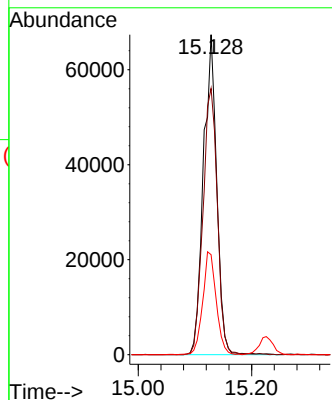
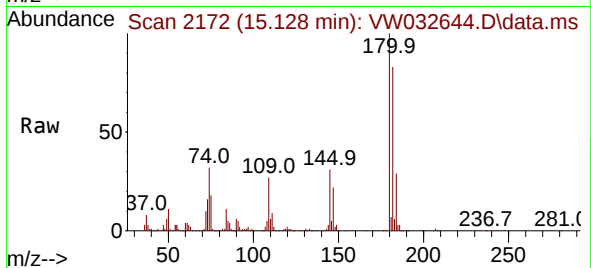
Tgt Ion:180 Resp: 109895

Ion Ratio Lower Upper

180 100

182 89.8 46.9 140.6

145 32.7 17.1 51.3



#94

Hexachlorobutadiene

Concen: 19.872 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

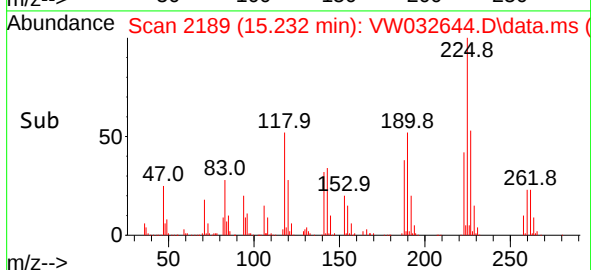
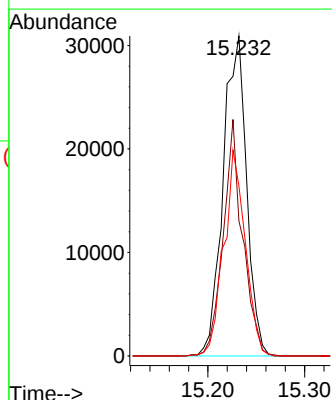
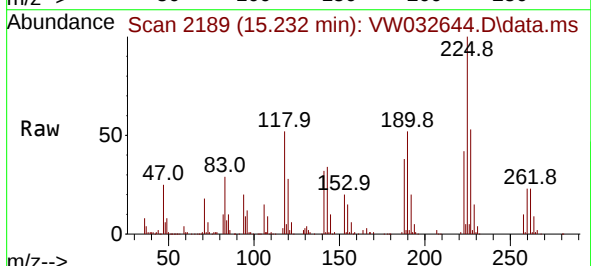
Tgt Ion:225 Resp: 52079

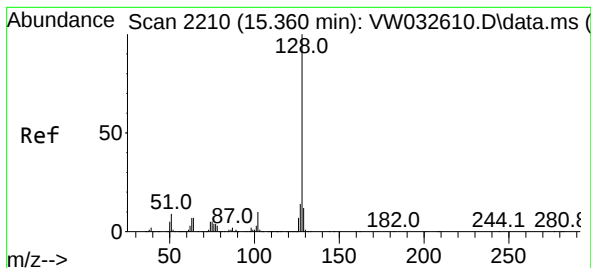
Ion Ratio Lower Upper

225 100

223 61.2 30.3 90.8

227 59.2 29.1 87.4





#95

Naphthalene

Concen: 23.317 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Instrument :

MSVOA_W

ClientSampleId :

VW1212SBSD01

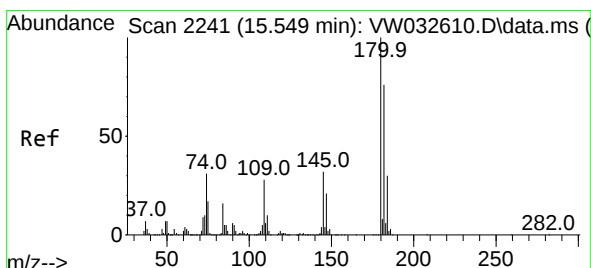
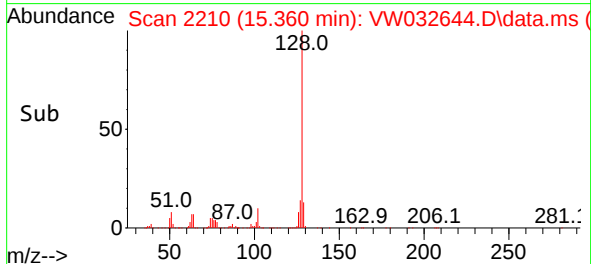
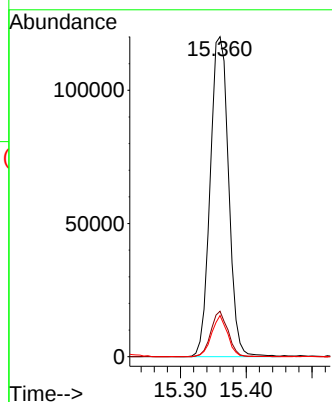
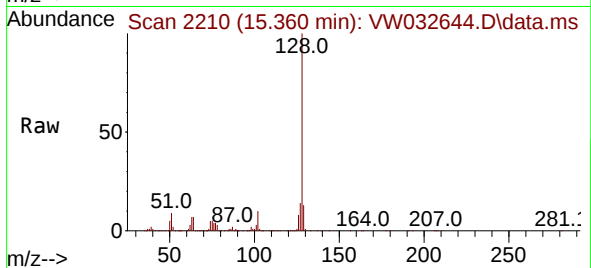
Tgt Ion:128 Resp: 233676

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 18.720 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032644.D

Acq: 12 Dec 2025 10:34

Tgt Ion:180 Resp: 98105

Ion Ratio Lower Upper

180 100

182 91.7 45.9 137.6

145 37.0 17.0 51.0

