

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032082.D
 Acq On : 14 Aug 2025 10:27
 Operator : SY/MD
 Sample : VW0814SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Quant Time: Aug 18 03:47:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	208549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	361028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	335310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148274	49.159	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.320%
35) Dibromofluoromethane	7.898	113	124570	53.409	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	106.820%
50) Toluene-d8	10.325	98	447242	51.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.617	95	156394	49.195	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	32981	22.111	ug/l	95
3) Chloromethane	2.253	50	36714	18.273	ug/l	100
4) Vinyl Chloride	2.405	62	47688	19.622	ug/l	91
5) Bromomethane	2.820	94	39599	21.718	ug/l	97
6) Chloroethane	2.966	64	32544	20.236	ug/l	97
7) Trichlorofluoromethane	3.295	101	36751	18.876	ug/l	93
8) Diethyl Ether	3.716	74	31522	19.762	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.094	101	50221	21.864	ug/l	97
10) Methyl Iodide	4.301	142	63316	19.442	ug/l	96
11) Tert butyl alcohol	5.222	59	17609	90.159	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	54130	21.402	ug/l	99
13) Acrolein	3.923	56	25014	80.380	ug/l	99
14) Allyl chloride	4.704	41	62252	16.912	ug/l	89
15) Acrylonitrile	5.393	53	66066	86.957	ug/l	97
16) Acetone	4.155	43	81154	116.212	ug/l	96
17) Carbon Disulfide	4.417	76	118861	17.509	ug/l	97
18) Methyl Acetate	4.704	43	37911	17.156	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	80442	18.051	ug/l	97
20) Methylene Chloride	4.947	84	56840	17.604	ug/l	99
21) trans-1,2-Dichloroethene	5.454	96	49845	18.571	ug/l	97
22) Diisopropyl ether	6.337	45	139100	17.925	ug/l	93
23) Vinyl Acetate	6.283	43	471681	92.580	ug/l	99
24) 1,1-Dichloroethane	6.240	63	90076	18.168	ug/l	99
25) 2-Butanone	7.191	43	94859	95.576	ug/l	99
26) 2,2-Dichloropropane	7.185	77	46011	18.498	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	59218	18.875	ug/l	96
28) Bromochloromethane	7.526	49	43295	19.189	ug/l	94
29) Tetrahydrofuran	7.551	42	57438	87.753	ug/l	98
30) Chloroform	7.691	83	102932	19.583	ug/l	96
31) Cyclohexane	7.965	56	74302	17.286	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	74063	19.399	ug/l	99
36) 1,1-Dichloropropene	8.093	75	67400	20.499	ug/l	100
37) Ethyl Acetate	7.276	43	39578	20.438	ug/l	97
38) Carbon Tetrachloride	8.087	117	70115	22.097	ug/l	98
39) Methylcyclohexane	9.343	83	75369	18.806	ug/l	96
40) Benzene	8.331	78	208337	20.384	ug/l	98

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Quant Time: Aug 18 03:47:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	20590	18.749	ug/l	92
42) 1,2-Dichloroethane	8.410	62	71790	21.951	ug/l	99
43) Isopropyl Acetate	8.435	43	69849	19.605	ug/l	99
44) Trichloroethene	9.099	130	50257	20.648	ug/l	97
45) 1,2-Dichloropropane	9.374	63	48874	19.794	ug/l	99
46) Dibromomethane	9.465	93	34741	21.800	ug/l	99
47) Bromodichloromethane	9.648	83	77846	21.199	ug/l	98
48) Methyl methacrylate	9.441	41	32666	18.991	ug/l #	92
49) 1,4-Dioxane	9.459	88	7897	383.262	ug/l #	79
51) 4-Methyl-2-Pentanone	10.209	43	207218	103.043	ug/l	96
52) Toluene	10.392	92	132319	20.554	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	66557	19.346	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	77941	19.970	ug/l	93
55) 1,1,2-Trichloroethane	10.788	97	43846	20.705	ug/l	96
56) Ethyl methacrylate	10.648	69	54454	19.216	ug/l #	94
57) 1,3-Dichloropropane	10.934	76	75241	20.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	150289	95.881	ug/l	99
59) 2-Hexanone	10.971	43	145508	104.476	ug/l	94
60) Dibromochloromethane	11.129	129	52415	21.668	ug/l	97
61) 1,2-Dibromoethane	11.239	107	43206	20.995	ug/l	100
64) Tetrachloroethene	10.867	164	41545	21.451	ug/l	94
65) Chlorobenzene	11.660	112	148850	20.395	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	49016	21.525	ug/l	96
67) Ethyl Benzene	11.727	91	249471	20.179	ug/l	98
68) m/p-Xylenes	11.836	106	191394	40.121	ug/l	96
69) o-Xylene	12.166	106	87428	19.829	ug/l	98
70) Styrene	12.178	104	157674	20.133	ug/l	100
71) Bromoform	12.349	173	28805	22.114	ug/l #	99
73) Isopropylbenzene	12.464	105	234043	19.298	ug/l	98
74) N-amyl acetate	12.269	43	63547	18.263	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	55414	19.244	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	67514	28.664	ug/l	55
77) Bromobenzene	12.745	156	58767	20.288	ug/l	89
78) n-propylbenzene	12.800	91	293106	19.630	ug/l	99
79) 2-Chlorotoluene	12.885	91	172088	18.674	ug/l	96
80) 1,3,5-Trimethylbenzene	12.940	105	199943	19.419	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	14926	16.406	ug/l #	84
82) 4-Chlorotoluene	12.983	91	186440	19.042	ug/l	98
83) tert-Butylbenzene	13.202	119	162438	19.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	204141	19.477	ug/l	97
85) sec-Butylbenzene	13.379	105	246430	19.074	ug/l	100
86) p-Isopropyltoluene	13.495	119	210533	19.547	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	123661	21.455	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	112801	19.366	ug/l	96
89) n-Butylbenzene	13.818	91	203065	19.407	ug/l	97
90) Hexachloroethane	14.086	117	37065	18.817	ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	109453	20.963	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	9291	18.149	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	60665	19.423	ug/l	99
94) Hexachlorobutadiene	15.226	225	28357	20.310	ug/l	99
95) Naphthalene	15.360	128	136270	17.805	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	56830	19.997	ug/l	95

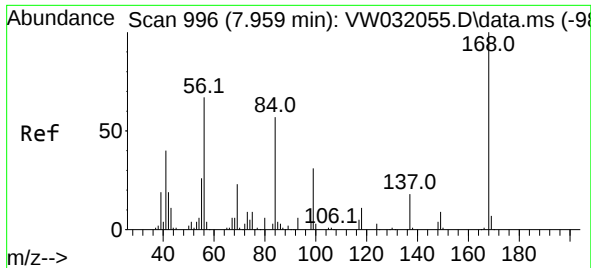
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032082.D
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Quant Title : SW846 8260
QLast Update : Tue Aug 12 04:04:48 2025
Response via : Initial Calibration

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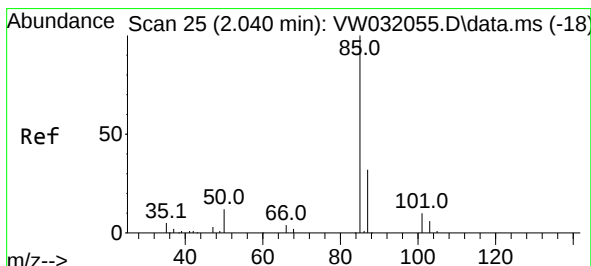
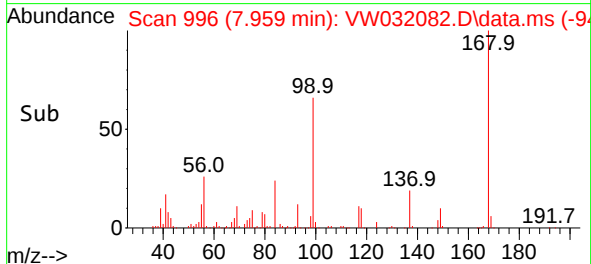
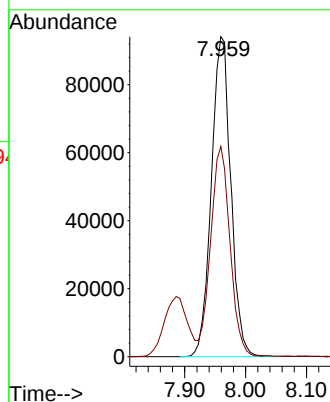
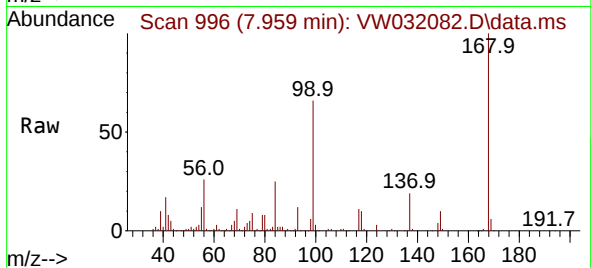
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

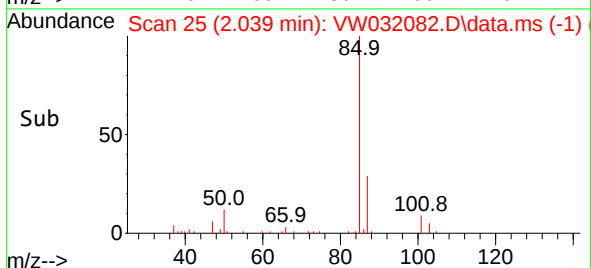
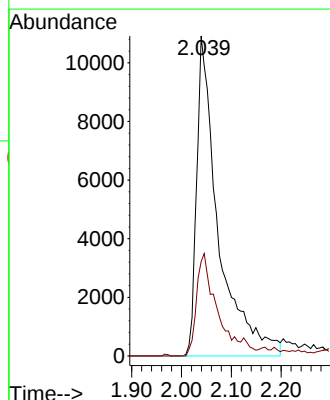
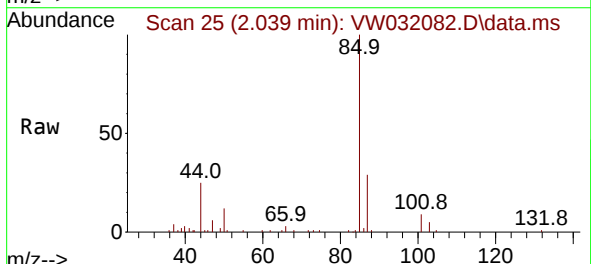
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

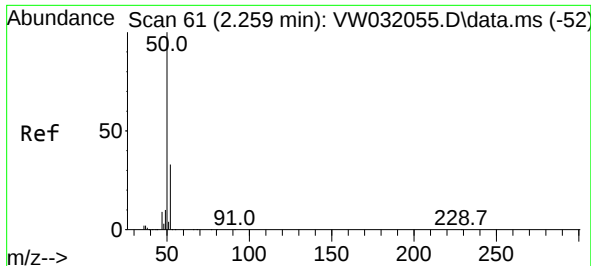
Tgt Ion:168 Resp: 208549
Ion Ratio Lower Upper
168 100
99 65.5 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 22.111 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 85 Resp: 32981
Ion Ratio Lower Upper
85 100
87 29.5 16.2 48.6

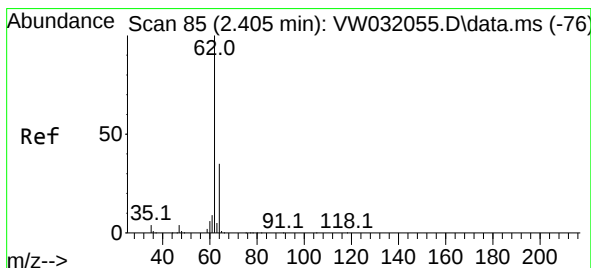
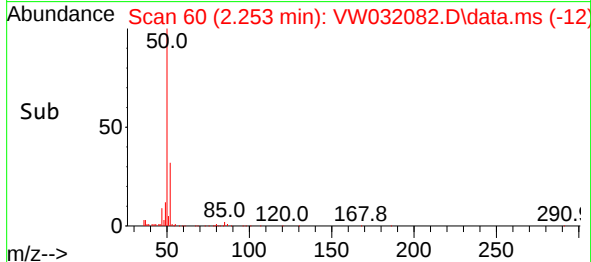
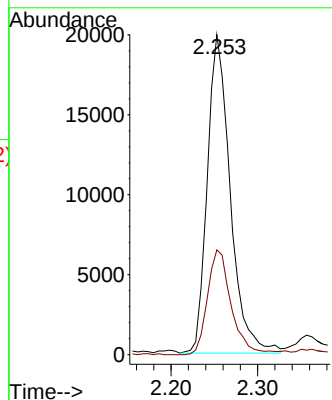
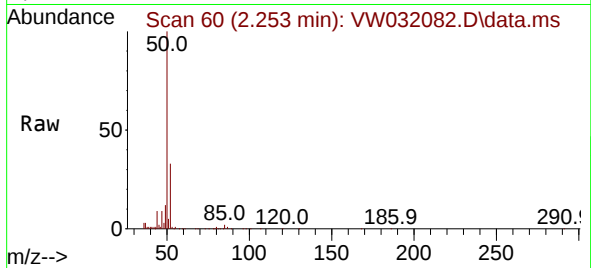




#3
Chloromethane
Concen: 18.273 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

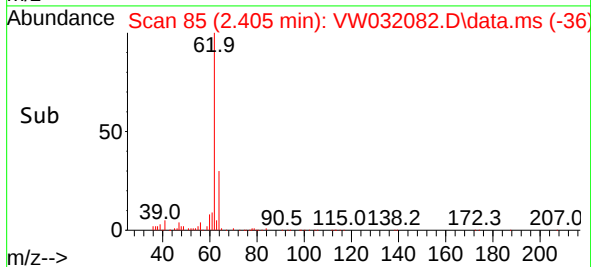
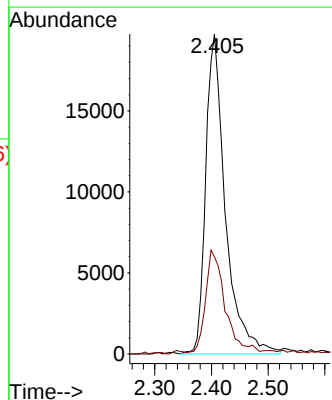
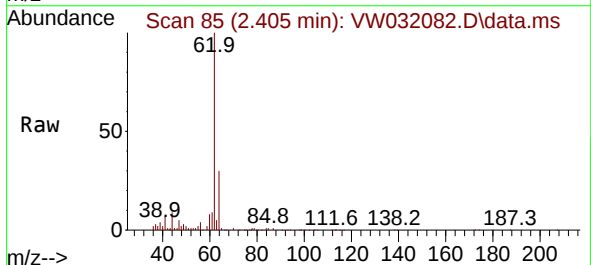
Instrument :
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ClientSampleId :
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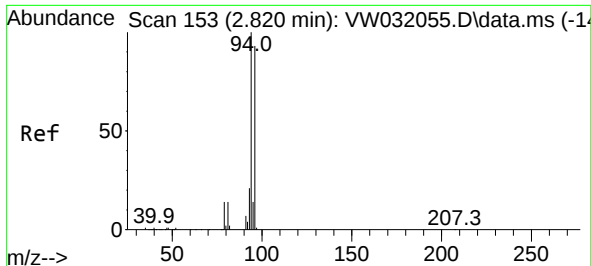
Tgt Ion: 50 Resp: 36714
Ion Ratio Lower Upper
50 100
52 32.9 26.6 39.8



#4
Vinyl Chloride
Concen: 19.622 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 62 Resp: 47688
Ion Ratio Lower Upper
62 100
64 29.5 27.8 41.6

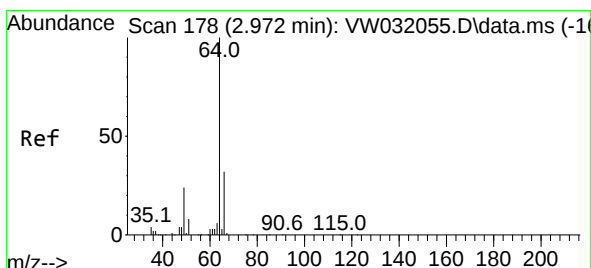
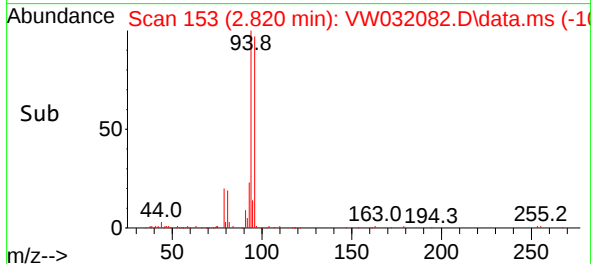
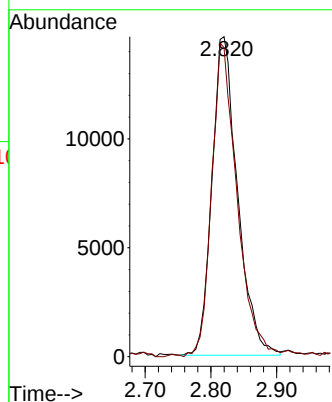
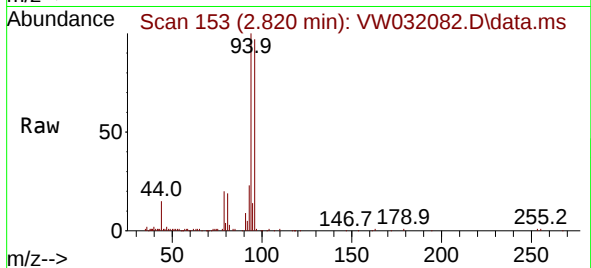




#5
Bromomethane
Concen: 21.718 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

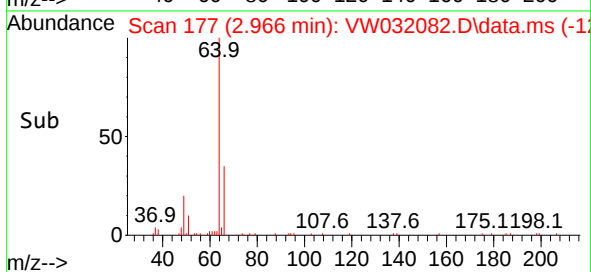
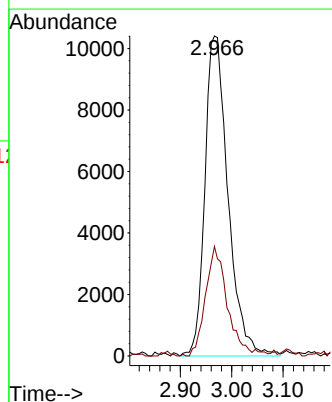
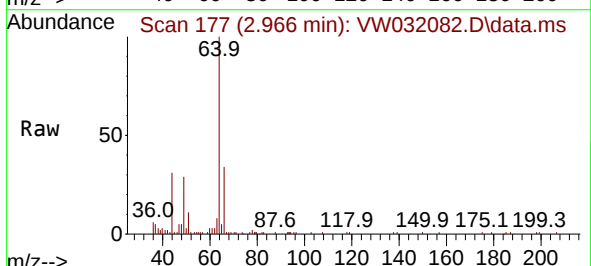
Instrument :
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ClientSampleId :
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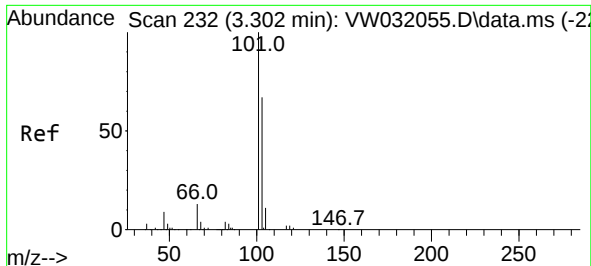
Tgt Ion: 94 Resp: 39599
Ion Ratio Lower Upper
94 100
96 96.6 74.7 112.1



#6
Chloroethane
Concen: 20.236 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 64 Resp: 32544
Ion Ratio Lower Upper
64 100
66 34.2 26.0 39.0

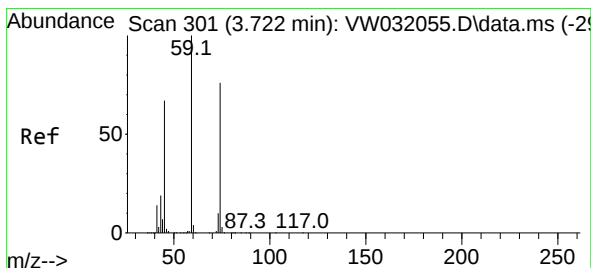
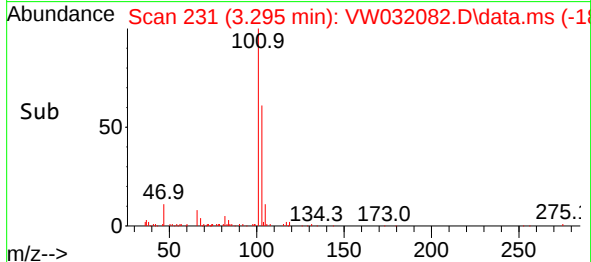
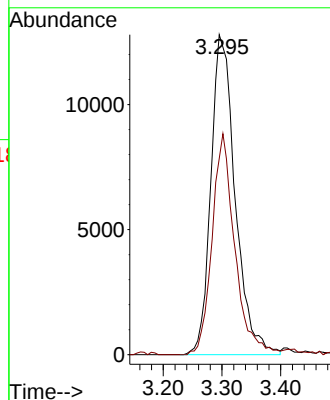
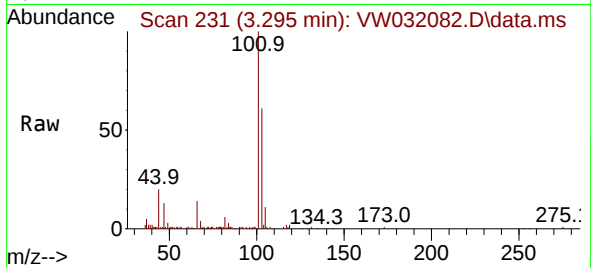




#7
Trichlorofluoromethane
Concen: 18.876 ug/l
RT: 3.295 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

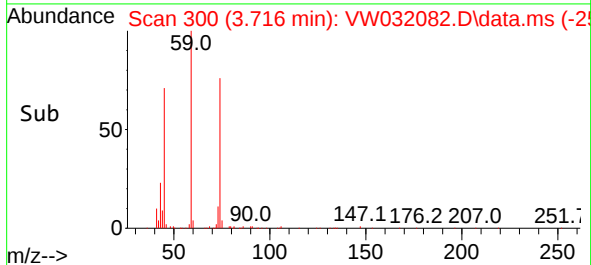
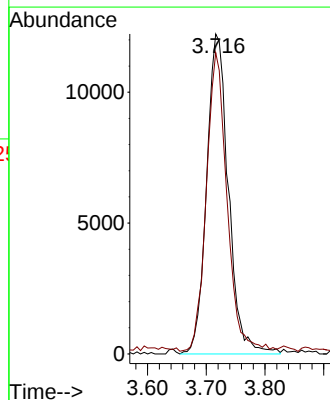
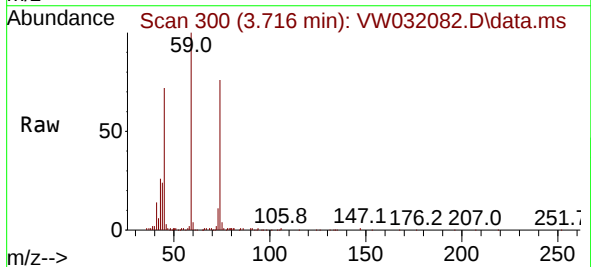
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

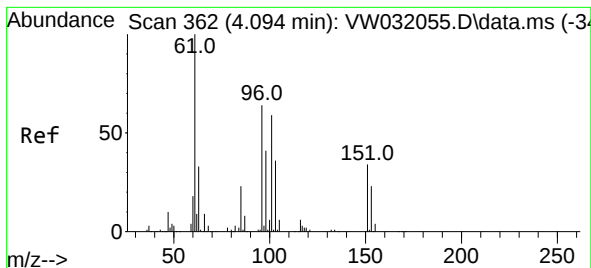
Tgt Ion:101 Resp: 36751
Ion Ratio Lower Upper
101 100
103 61.3 53.4 80.0



#8
Diethyl Ether
Concen: 19.762 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 74 Resp: 31522
Ion Ratio Lower Upper
74 100
45 88.4 45.4 136.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.864 ug/l

RT: 4.094 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

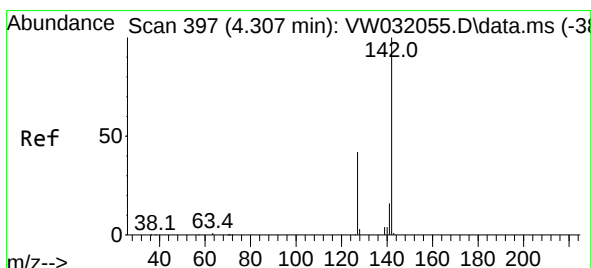
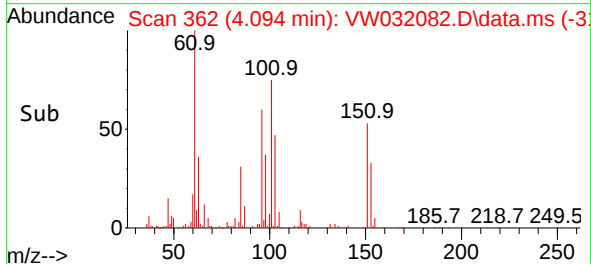
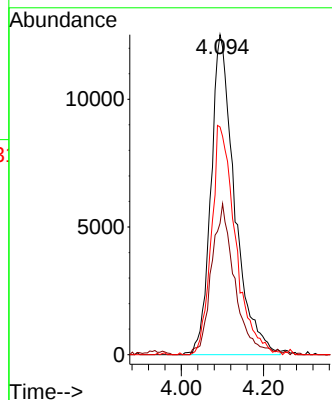
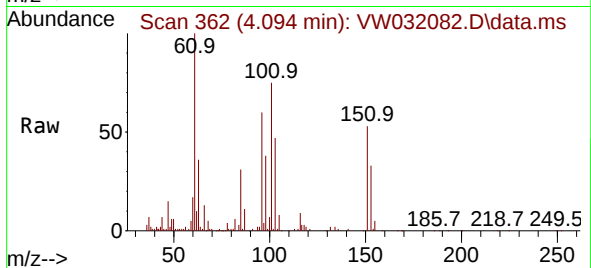
Tgt Ion:101 Resp: 50221

Ion Ratio Lower Upper

101 100

85 46.1 34.9 52.3

151 72.6 56.2 84.4



#10

Methyl Iodide

Concen: 19.442 ug/l

RT: 4.301 min Scan# 396

Delta R.T. -0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

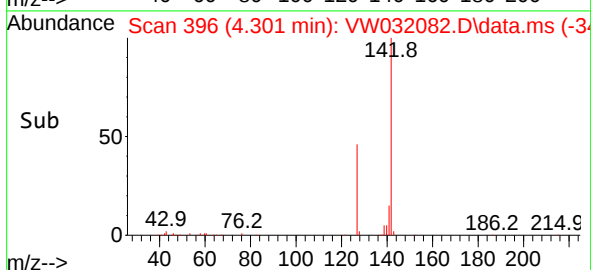
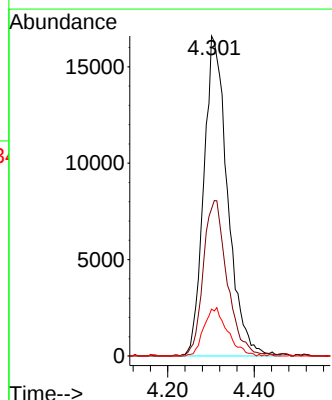
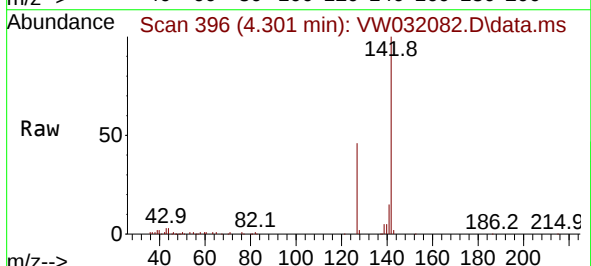
Tgt Ion:142 Resp: 63316

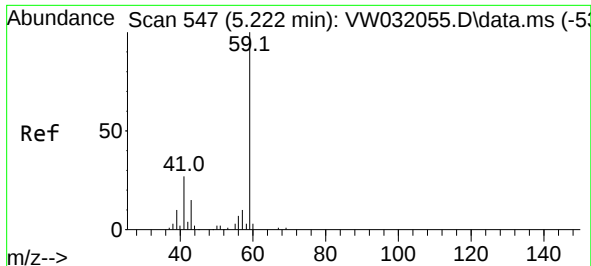
Ion Ratio Lower Upper

142 100

127 49.0 36.6 55.0

141 15.0 12.1 18.1

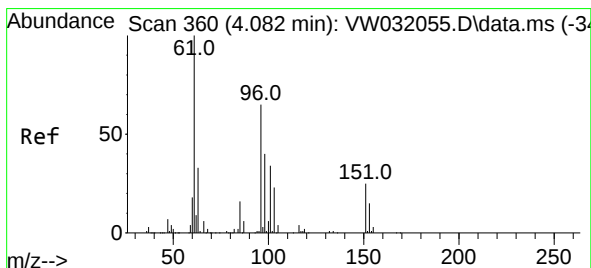
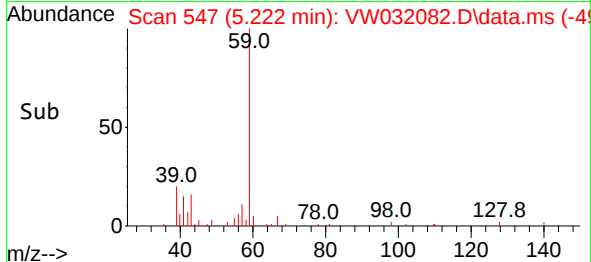
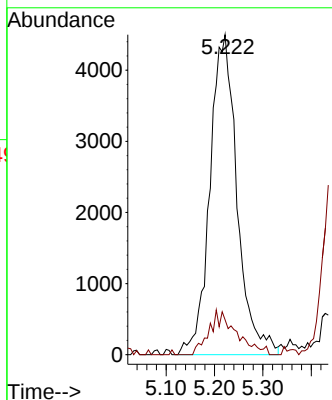
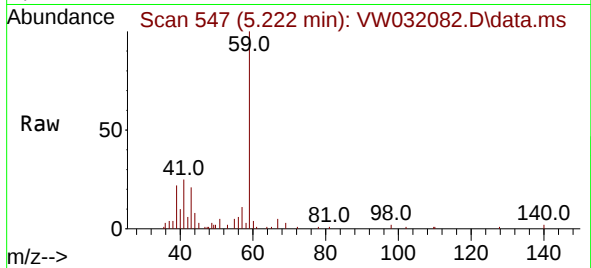




#11
Tert butyl alcohol
Concen: 90.159 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

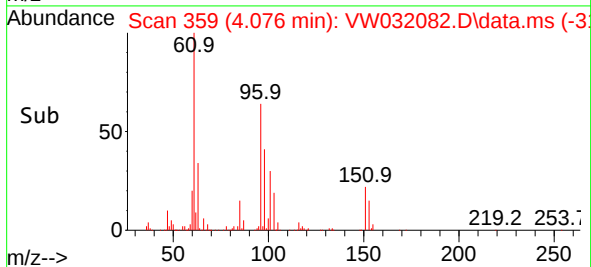
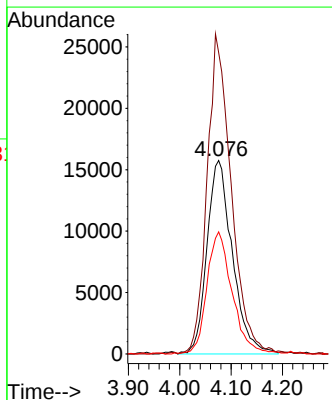
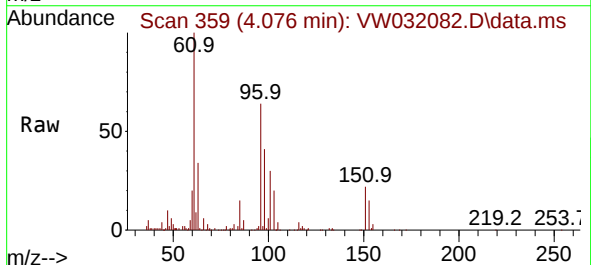
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

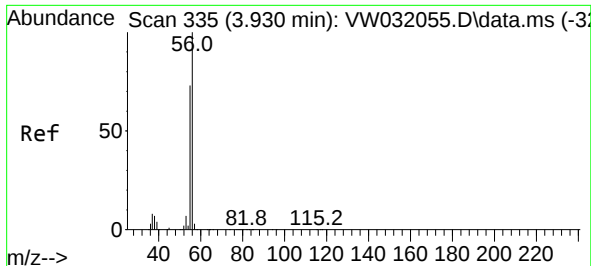
Tgt Ion: 59 Resp: 17609
Ion Ratio Lower Upper
59 100
57 5.5 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 21.402 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 96 Resp: 54130
Ion Ratio Lower Upper
96 100
61 155.8 123.4 185.2
98 62.7 49.5 74.3

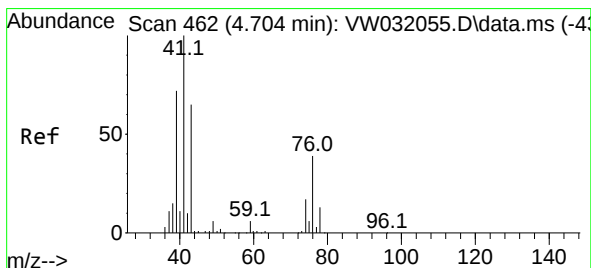
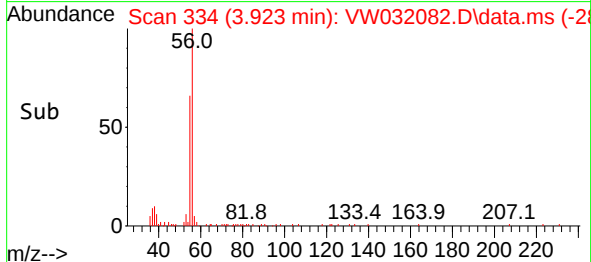
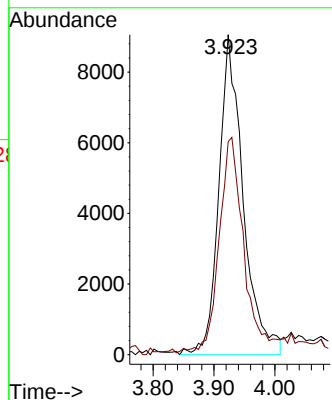
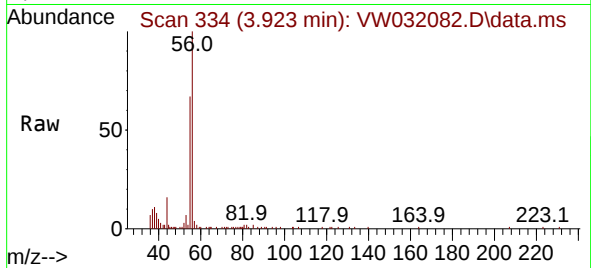




#13
Acrolein
Concen: 80.380 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

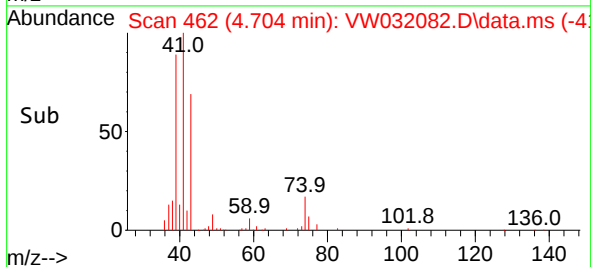
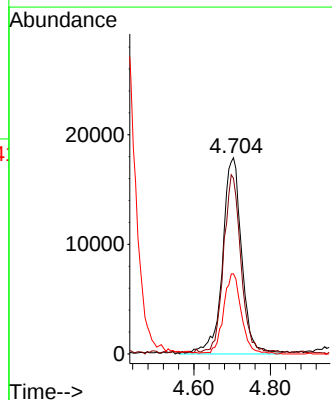
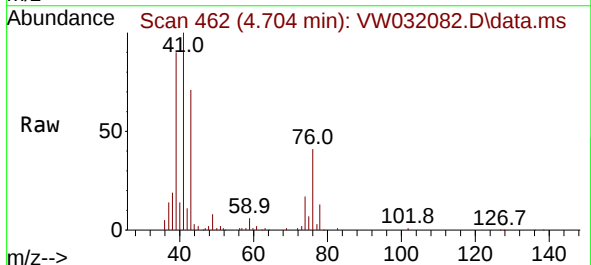
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

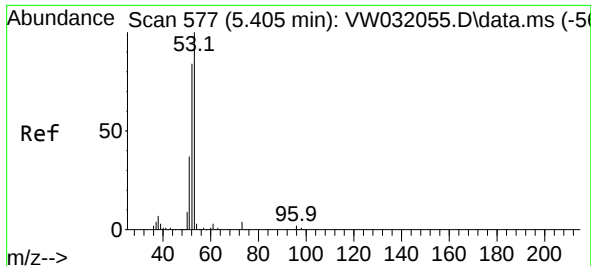
Tgt Ion: 56 Resp: 25014
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.2



#14
Allyl chloride
Concen: 16.912 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 41 Resp: 62252
Ion Ratio Lower Upper
41 100
39 80.3 54.5 81.7
76 38.2 29.3 43.9

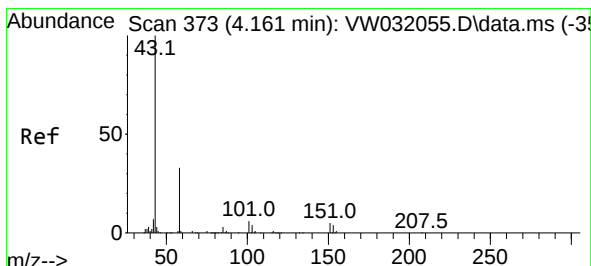
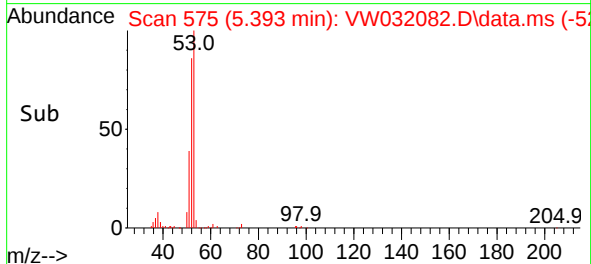
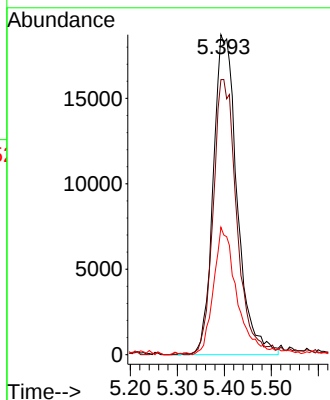
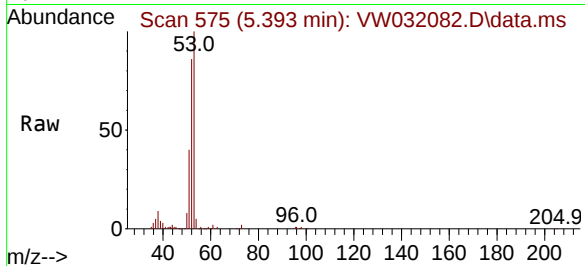




#15
Acrylonitrile
Concen: 86.957 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

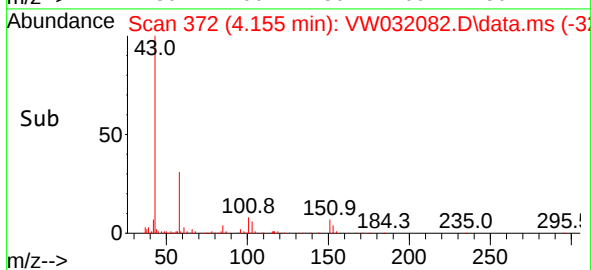
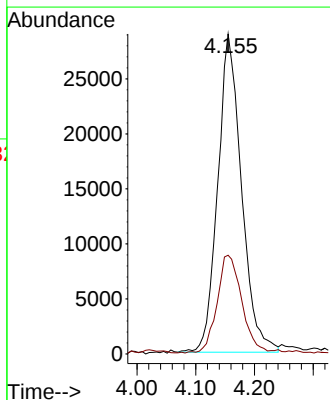
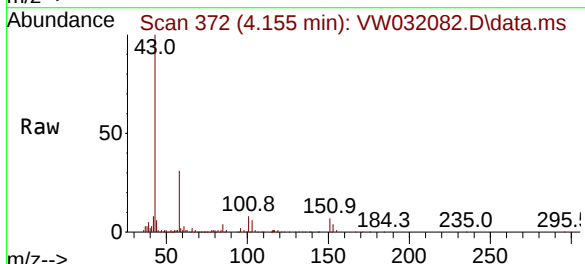
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

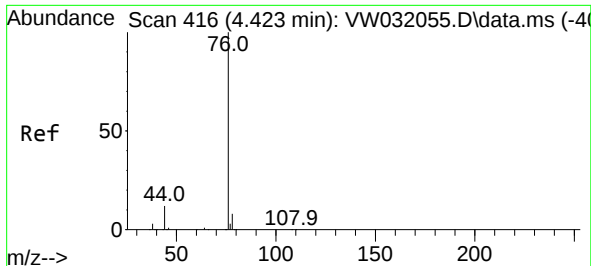
Tgt Ion: 53	Resp: 66066
Ion Ratio	Lower Upper
53 100	
52 84.8	66.1 99.1
51 38.5	29.2 43.8



#16
Acetone
Concen: 116.212 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 43	Resp: 81154
Ion Ratio	Lower Upper
43 100	
58 30.7	26.6 39.8

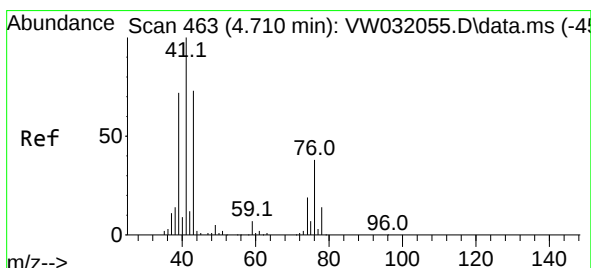
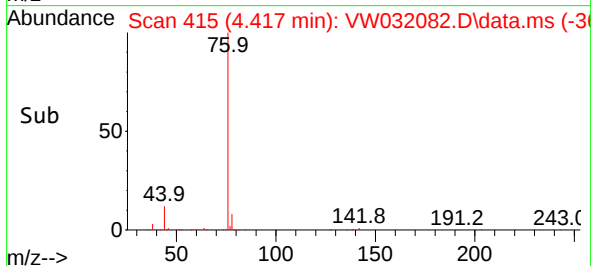
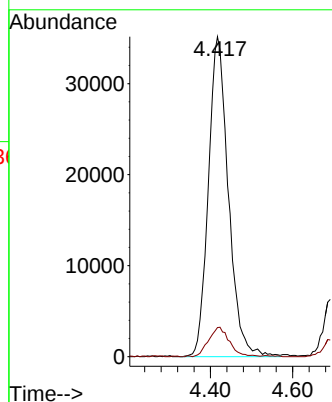
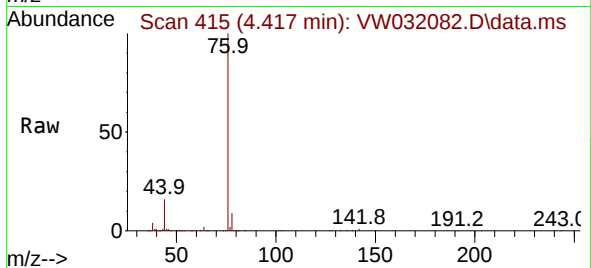




#17
Carbon Disulfide
Concen: 17.509 ug/l
RT: 4.417 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

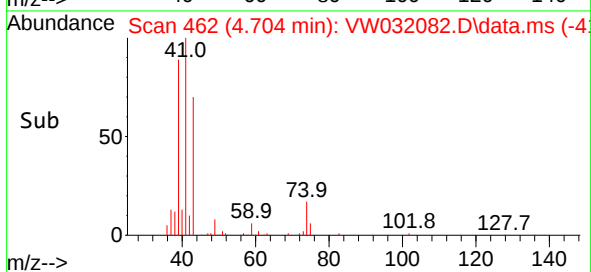
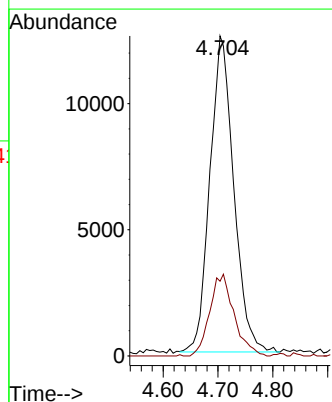
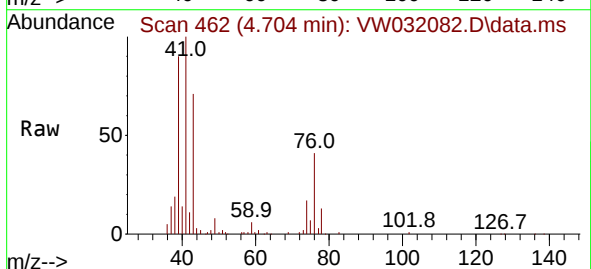
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

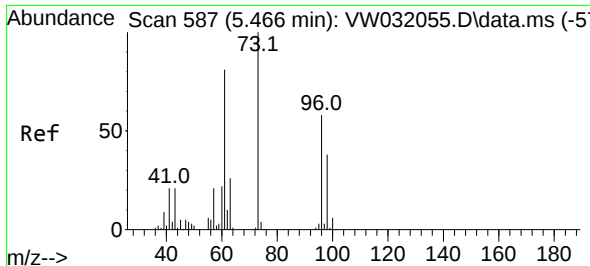
Tgt Ion: 76 Resp: 118861
Ion Ratio Lower Upper
76 100
78 9.1 6.4 9.6



#18
Methyl Acetate
Concen: 17.156 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 43 Resp: 37911
Ion Ratio Lower Upper
43 100
74 26.2 20.6 31.0

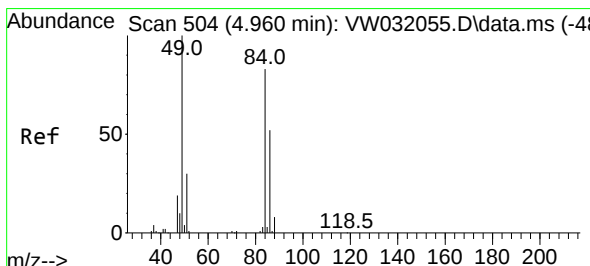
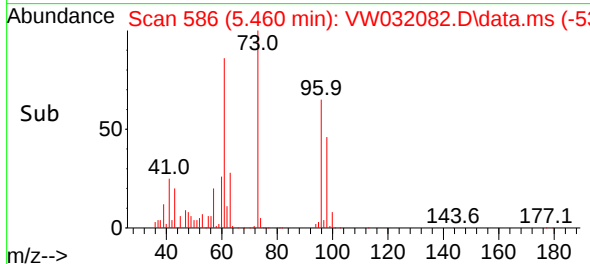
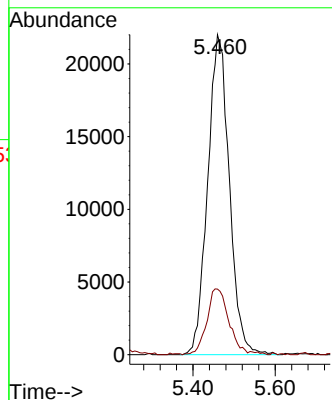
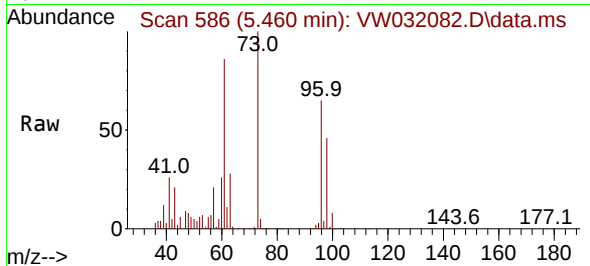




#19
Methyl tert-butyl Ether
Concen: 18.051 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

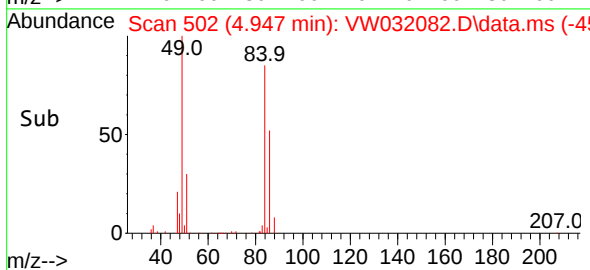
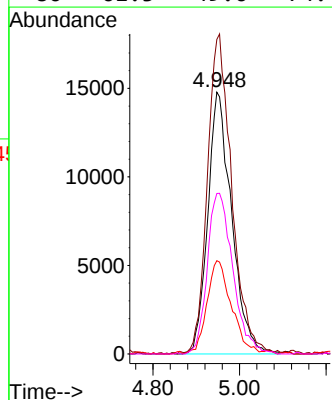
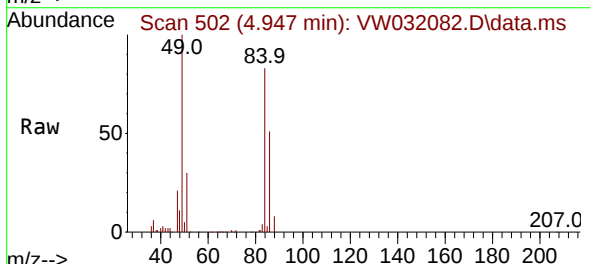
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

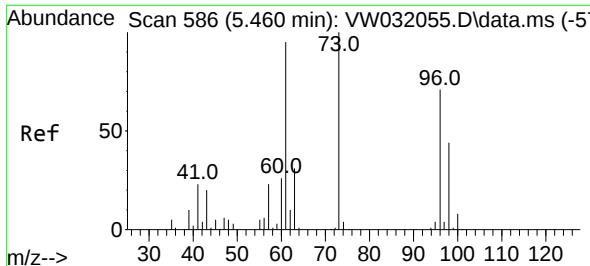
Tgt Ion: 73 Resp: 80442
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 17.604 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 84 Resp: 56840
Ion Ratio Lower Upper
84 100
49 119.5 95.9 143.9
51 35.2 28.6 43.0
86 61.3 49.6 74.4

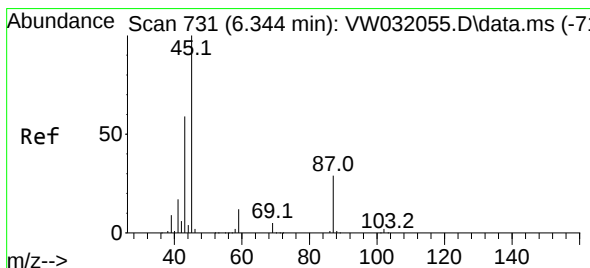
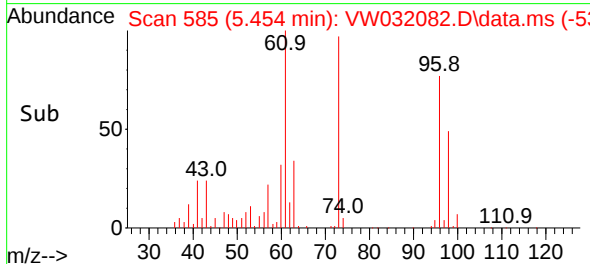
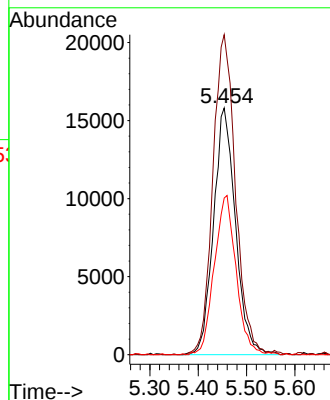
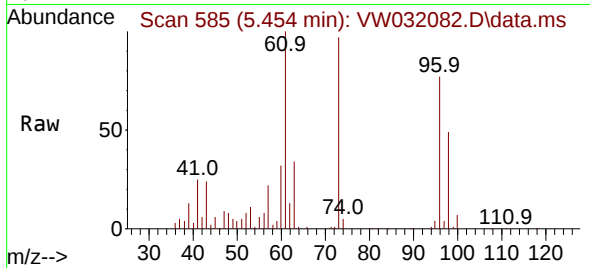




#21
trans-1,2-Dichloroethene
Concen: 18.571 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

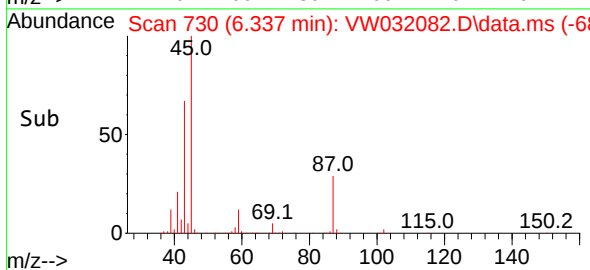
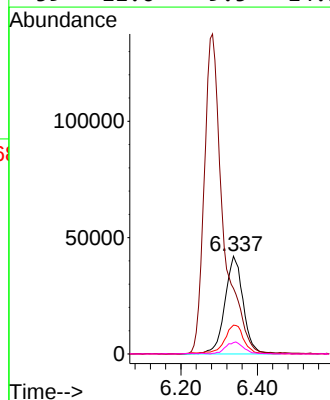
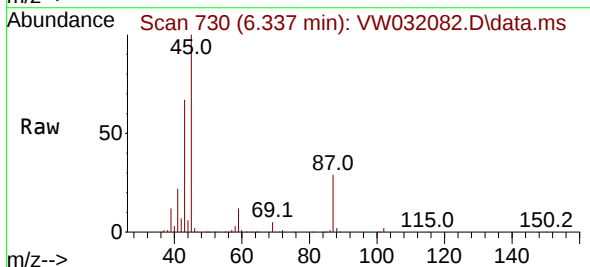
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

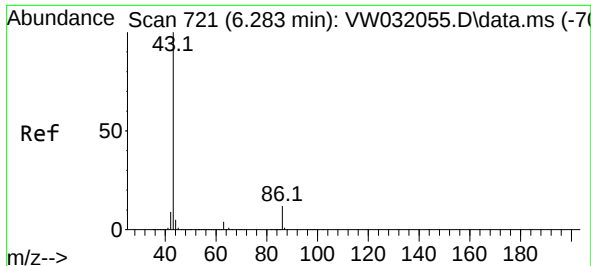
Tgt Ion: 96 Resp: 49845
Ion Ratio Lower Upper
96 100
61 129.7 106.8 160.2
98 63.5 49.6 74.4



#22
Diisopropyl ether
Concen: 17.925 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 45 Resp: 139100
Ion Ratio Lower Upper
45 100
43 67.2 47.0 70.4
87 29.2 23.8 35.8
59 11.6 9.5 14.3

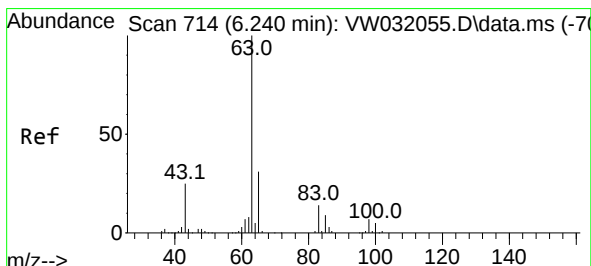
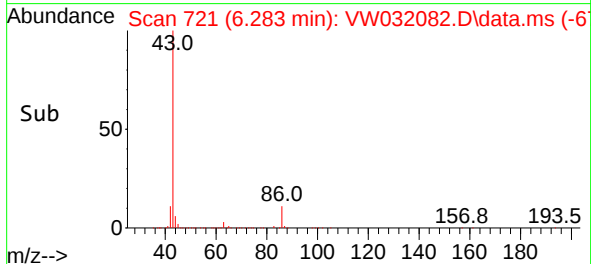
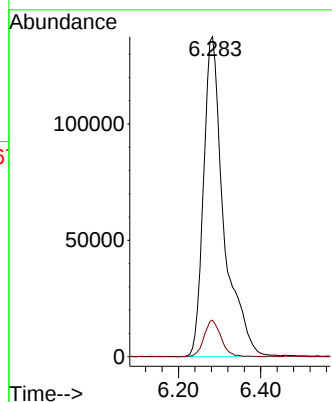
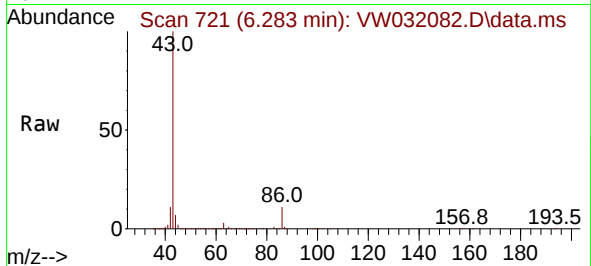




#23
 Vinyl Acetate
 Concen: 92.580 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

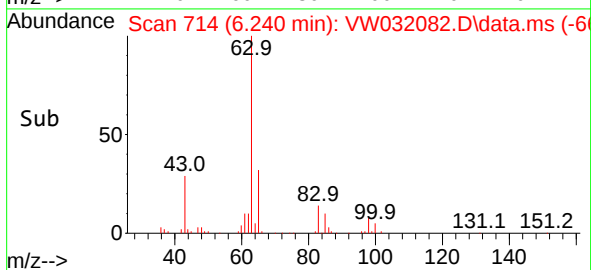
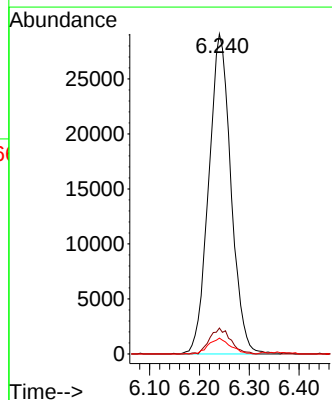
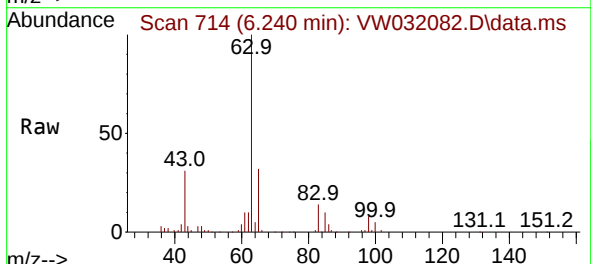
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

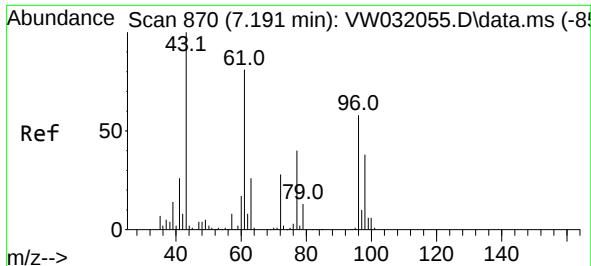
Tgt Ion: 43 Resp: 471681
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 18.168 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

Tgt Ion: 63 Resp: 90076
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 4.9 2.5 7.4

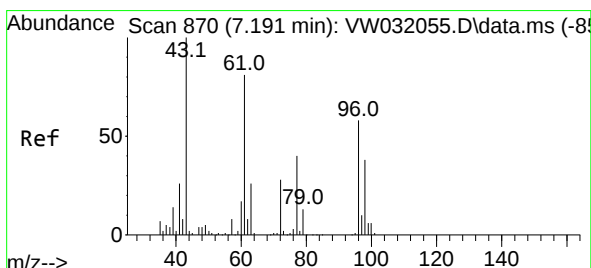
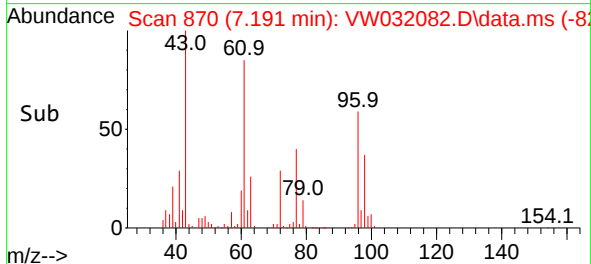
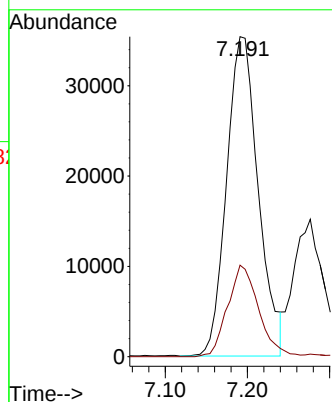
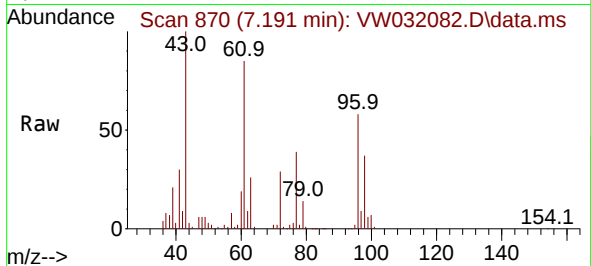




#25
2-Butanone
Concen: 95.576 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

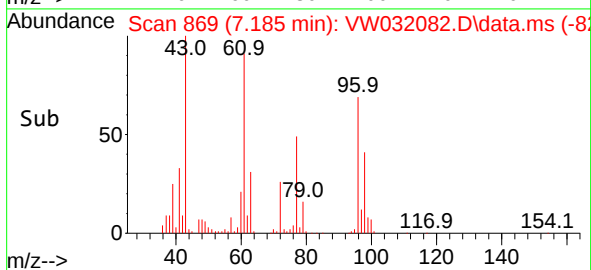
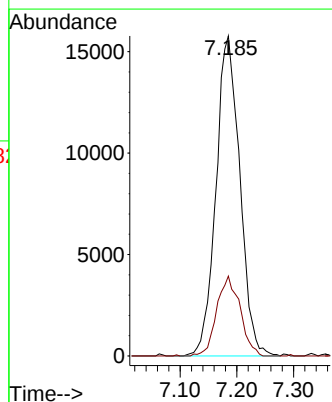
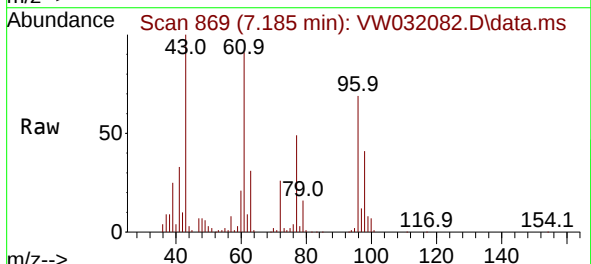
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

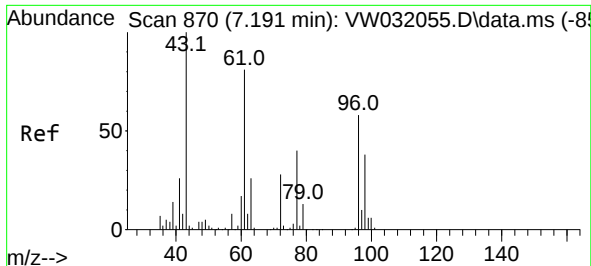
Tgt Ion: 43 Resp: 94859
Ion Ratio Lower Upper
43 100
72 28.6 22.3 33.5



#26
2,2-Dichloropropane
Concen: 18.498 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 77 Resp: 46011
Ion Ratio Lower Upper
77 100
97 24.5 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 18.875 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

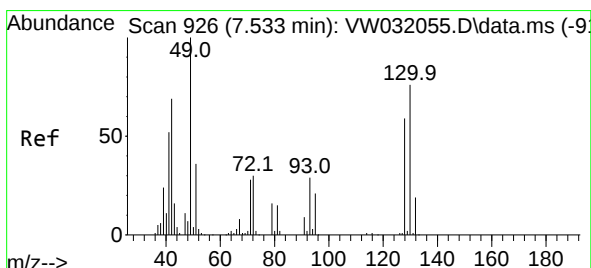
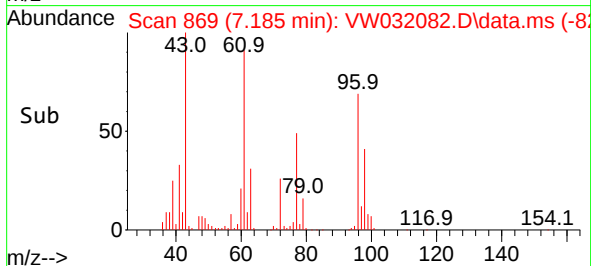
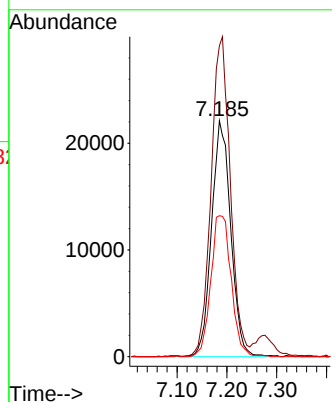
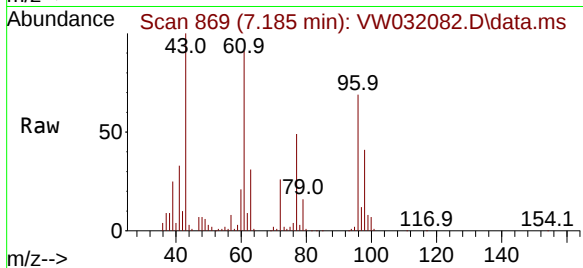
Tgt Ion: 96 Resp: 59218

Ion Ratio Lower Upper

96 100

61 135.8 0.0 281.2

98 63.3 0.0 130.8



#28

Bromochloromethane

Concen: 19.189 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

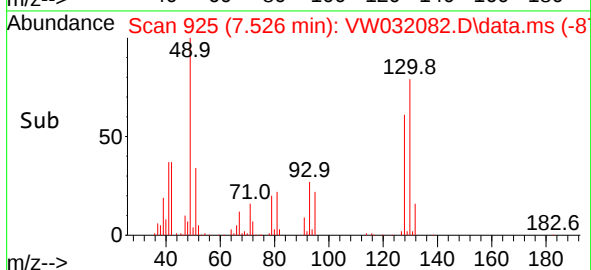
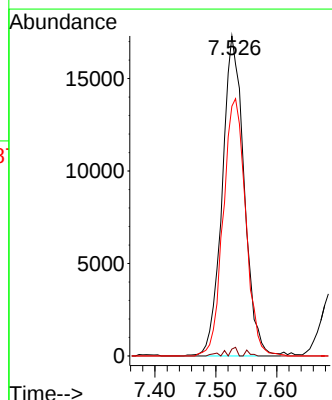
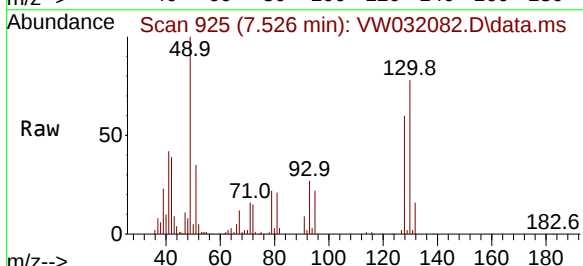
Tgt Ion: 49 Resp: 43295

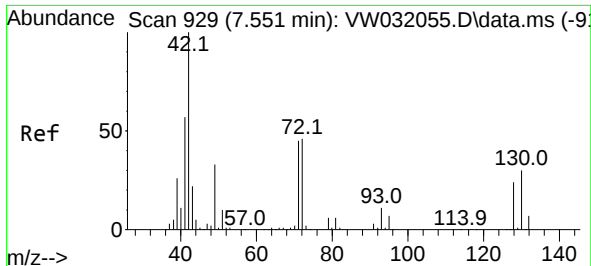
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.2

130 82.3 61.9 92.9





#29

Tetrahydrofuran

Concen: 87.753 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

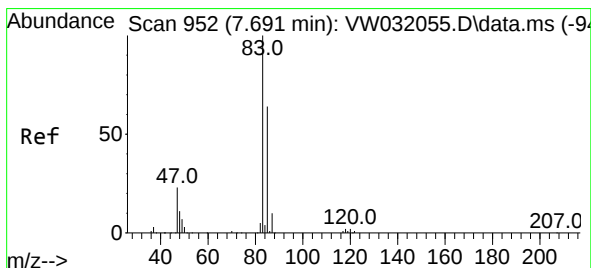
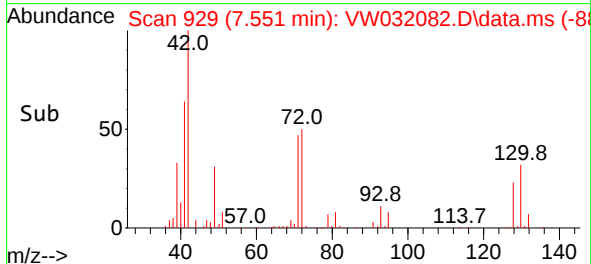
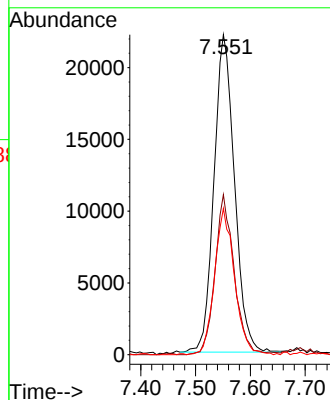
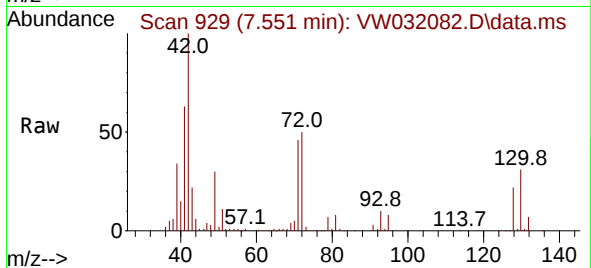
Tgt Ion: 42 Resp: 57438

Ion Ratio Lower Upper

42 100

72 47.1 36.6 55.0

71 44.8 34.7 52.1



#30

Chloroform

Concen: 19.583 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032082.D

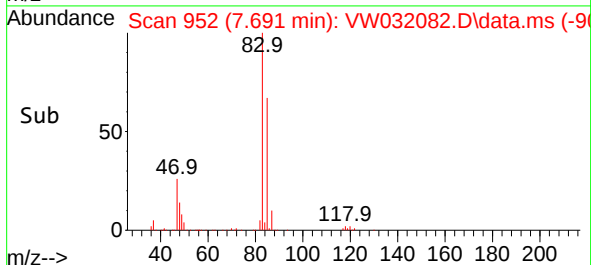
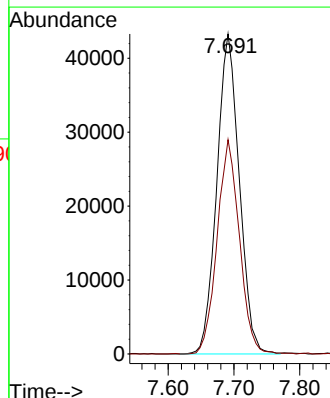
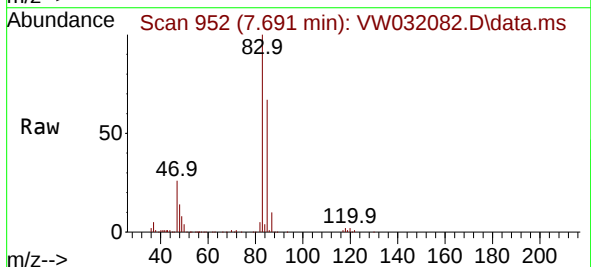
Acq: 14 Aug 2025 10:27

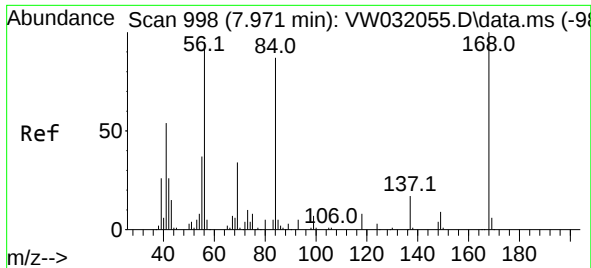
Tgt Ion: 83 Resp: 102932

Ion Ratio Lower Upper

83 100

85 66.9 51.0 76.4

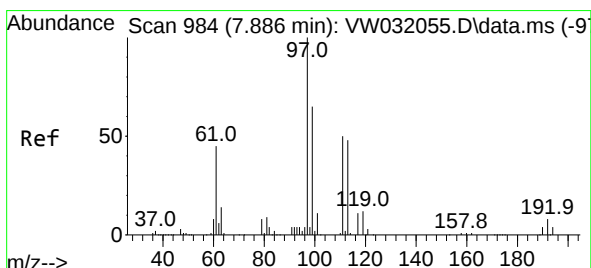
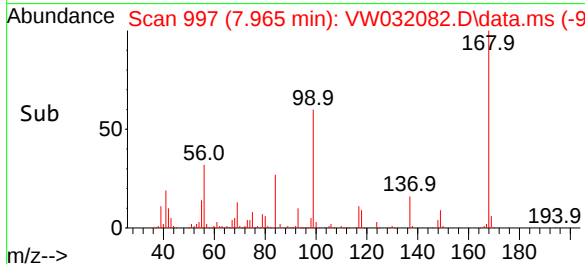
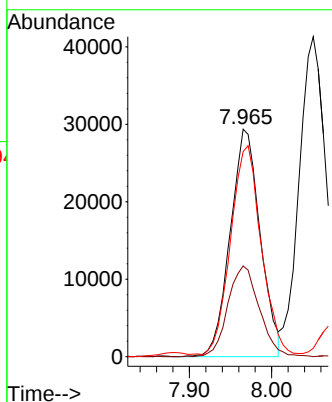
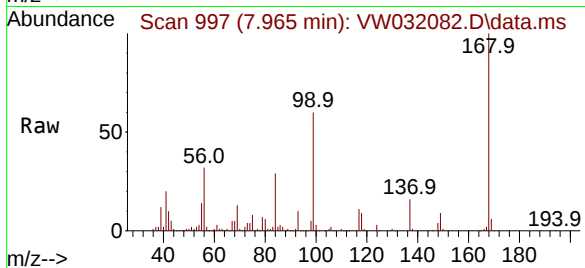




#31
Cyclohexane
Concen: 17.286 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

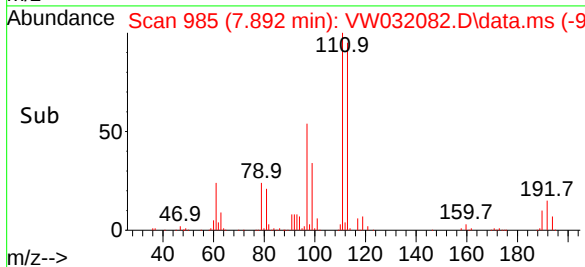
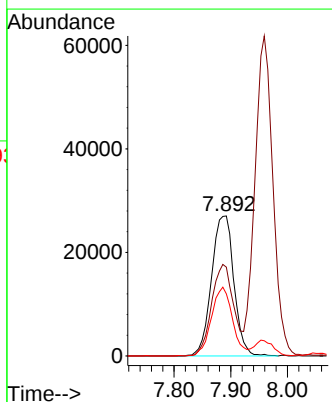
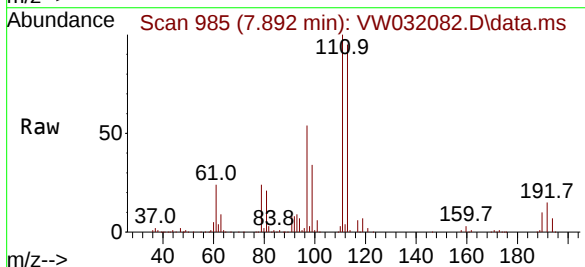
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

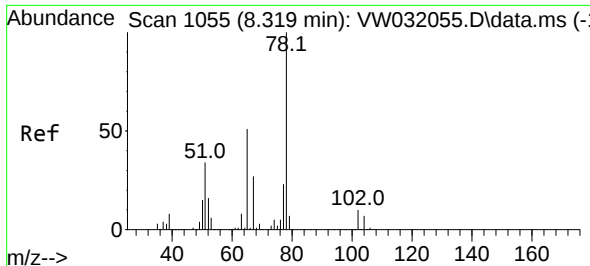
Tgt Ion: 56 Resp: 74302
Ion Ratio Lower Upper
56 100
69 39.5 28.6 42.8
84 88.3 73.0 109.4



#32
1,1,1-Trichloroethane
Concen: 19.399 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 97 Resp: 74063
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.8
61 46.3 35.9 53.9

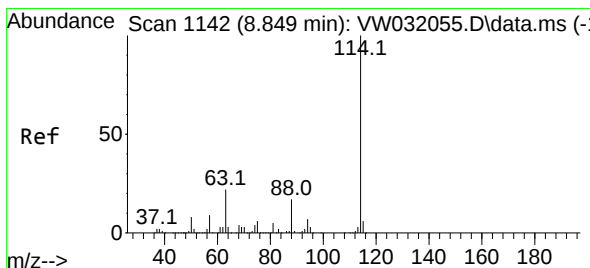
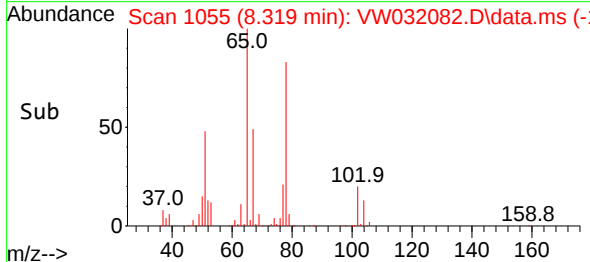
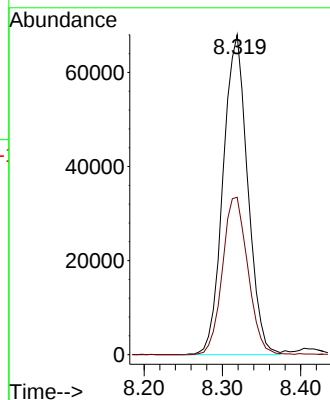
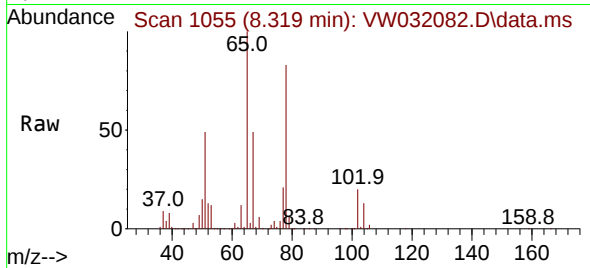




#33
 1,2-Dichloroethane-d4
 Concen: 49.159 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

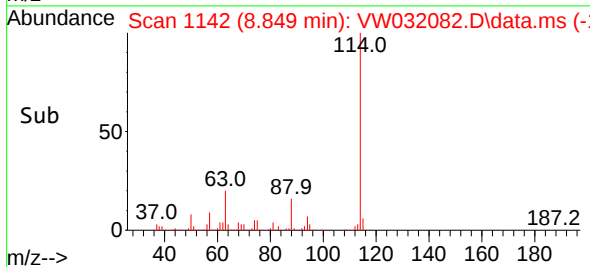
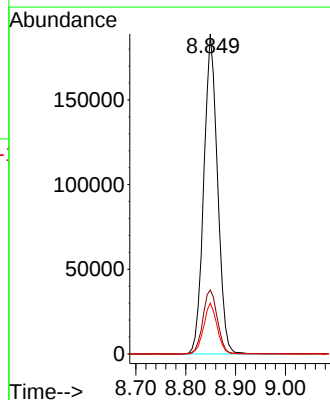
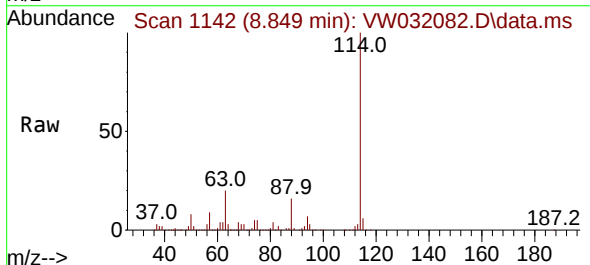
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

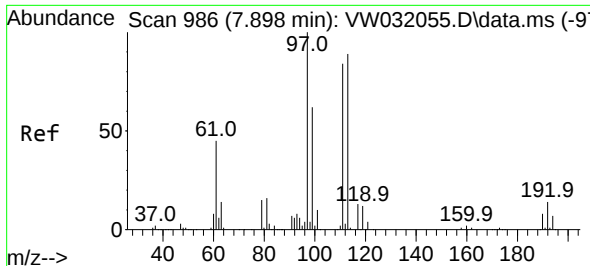
Tgt Ion: 65 Resp: 148274
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

Tgt Ion: 114 Resp: 361028
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.0
 88 15.9 0.0 33.8

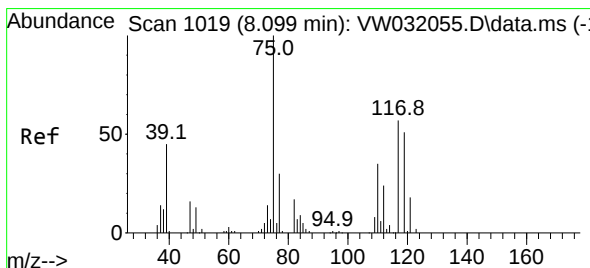
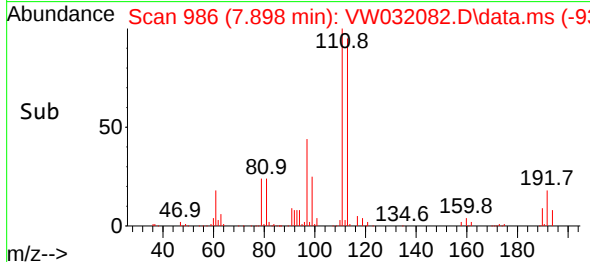
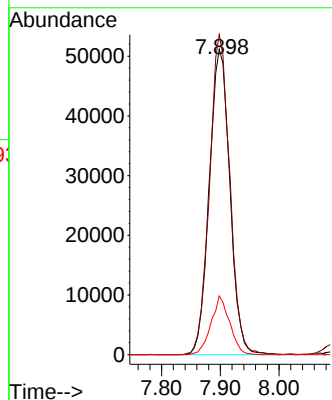
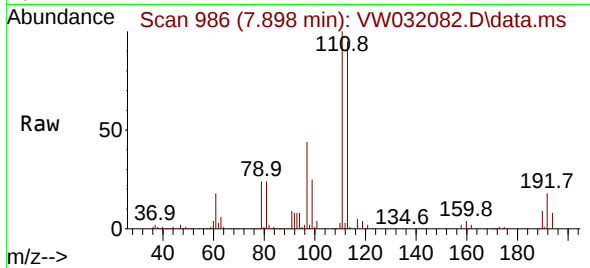




#35
Dibromofluoromethane
Concen: 53.409 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

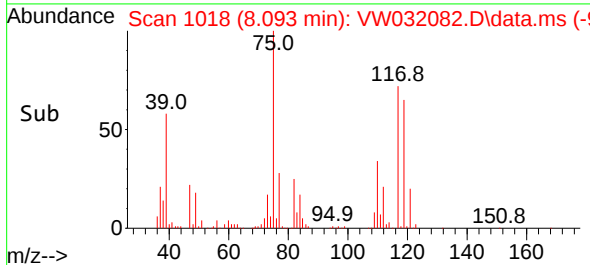
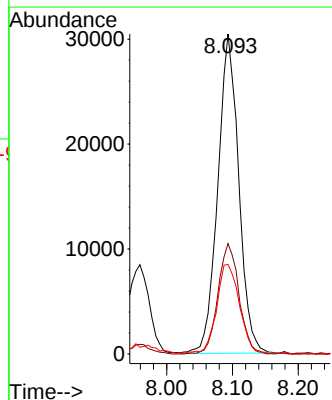
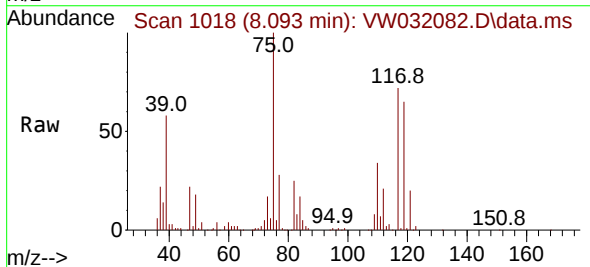
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

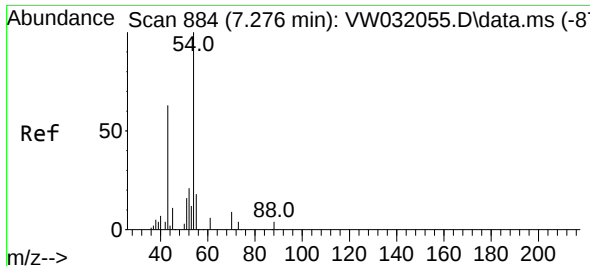
Tgt Ion:113 Resp: 124570
Ion Ratio Lower Upper
113 100
111 103.0 80.1 120.1
192 17.4 13.1 19.7



#36
1,1-Dichloropropene
Concen: 20.499 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 75 Resp: 67400
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 30.7 24.7 37.1

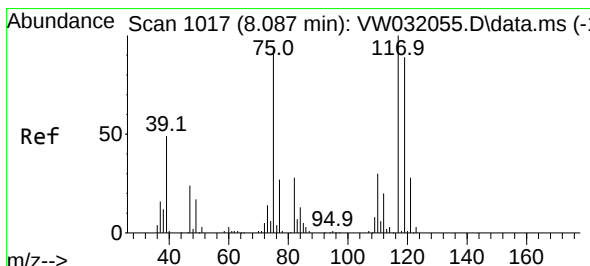
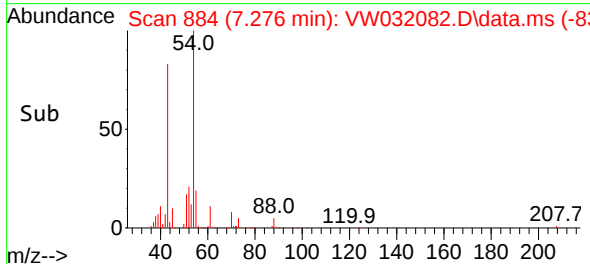
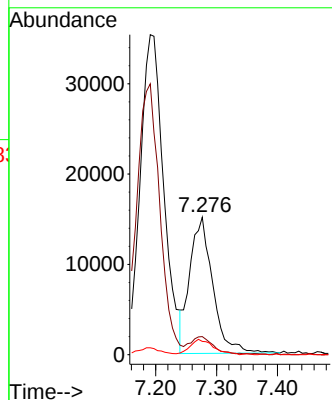
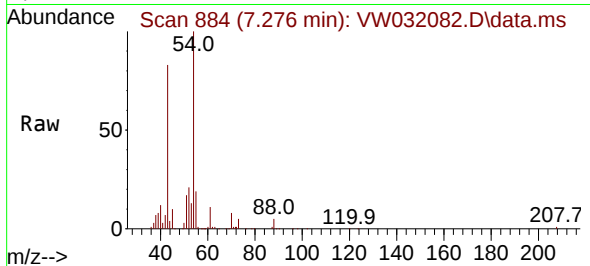




#37
Ethyl Acetate
Concen: 20.438 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

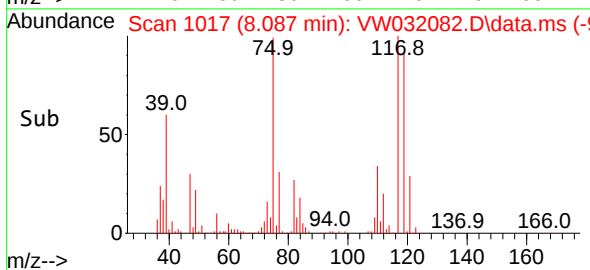
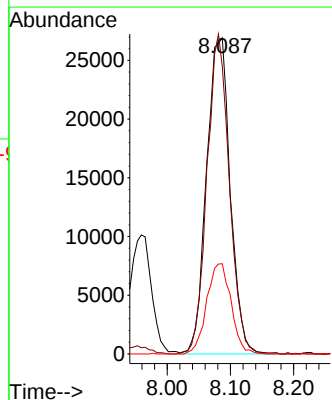
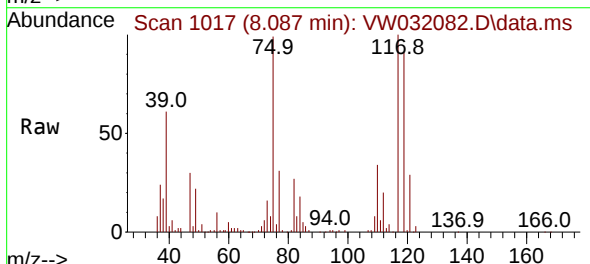
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

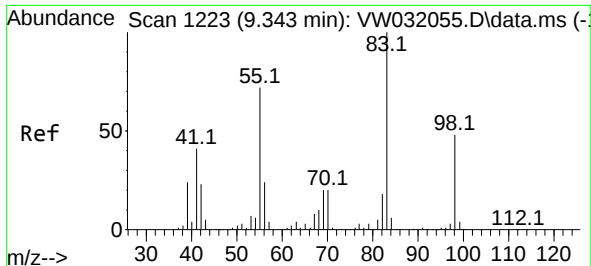
Tgt Ion:	43	Resp:	39578
Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.8	17.6
70	11.3	9.4	14.0



#38
Carbon Tetrachloride
Concen: 22.097 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:	117	Resp:	70115
Ion	Ratio	Lower	Upper
117	100		
119	91.0	71.4	107.2
121	28.5	22.3	33.5





#39

Methylcyclohexane

Concen: 18.806 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

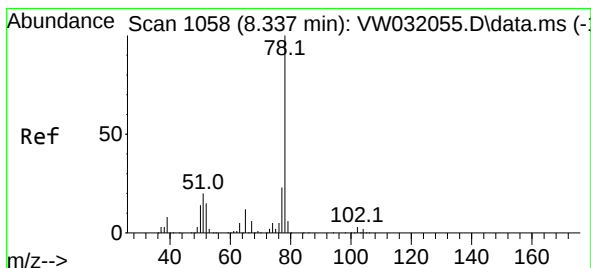
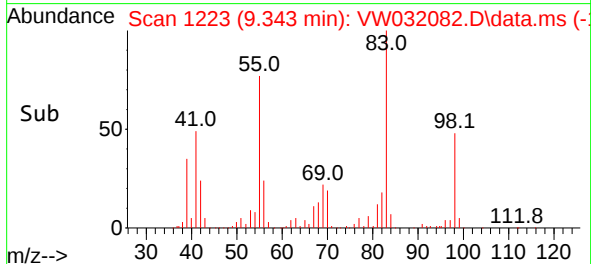
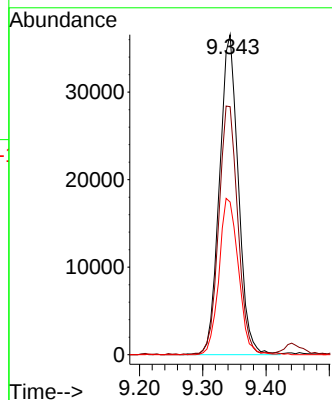
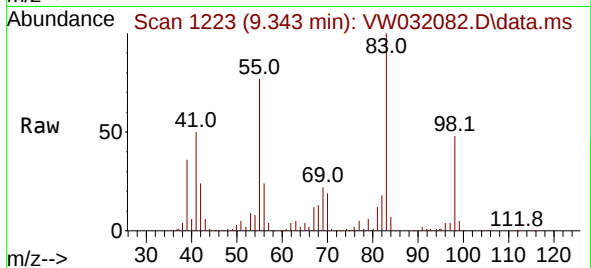
Tgt Ion: 83 Resp: 75369

Ion Ratio Lower Upper

83 100

55 77.5 57.9 86.9

98 47.7 38.3 57.5



#40

Benzene

Concen: 20.384 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032082.D

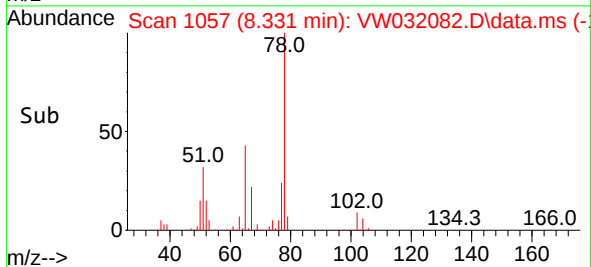
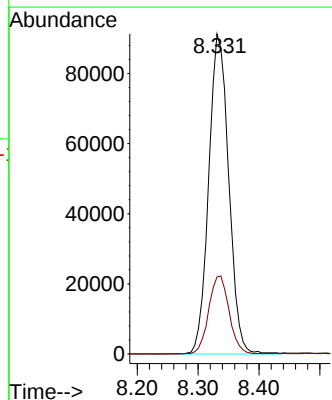
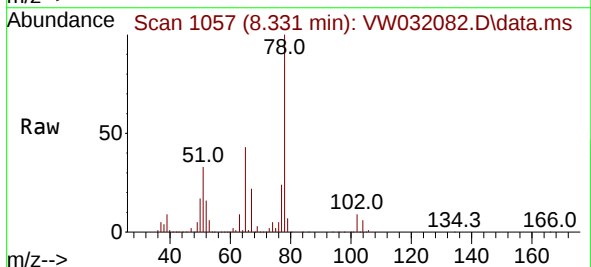
Acq: 14 Aug 2025 10:27

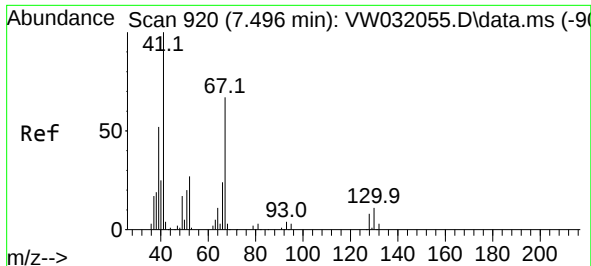
Tgt Ion: 78 Resp: 208337

Ion Ratio Lower Upper

78 100

77 24.0 18.4 27.6

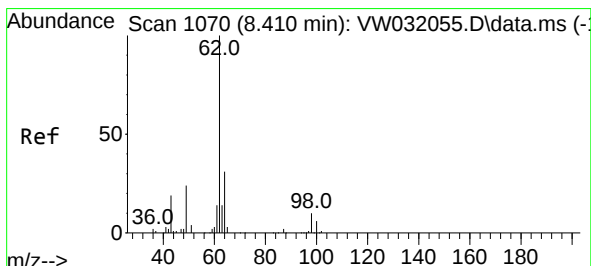
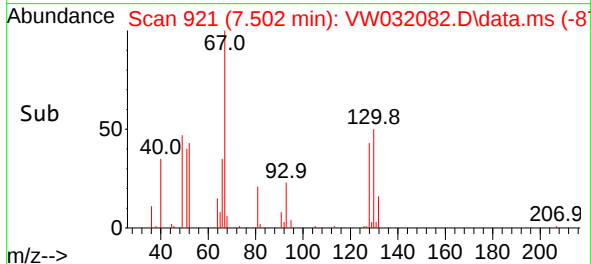
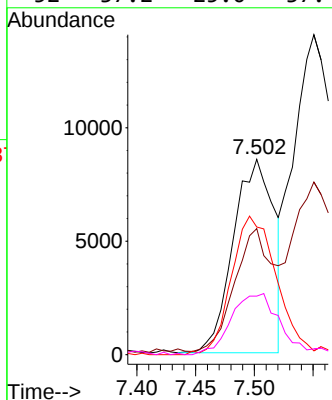
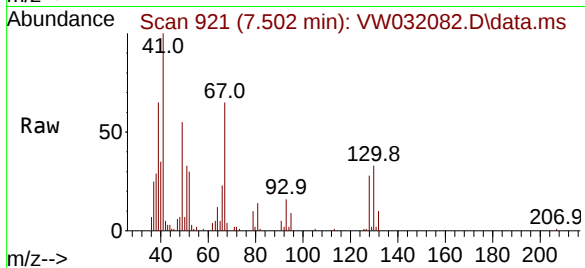




#41
Methacrylonitrile
Concen: 18.749 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

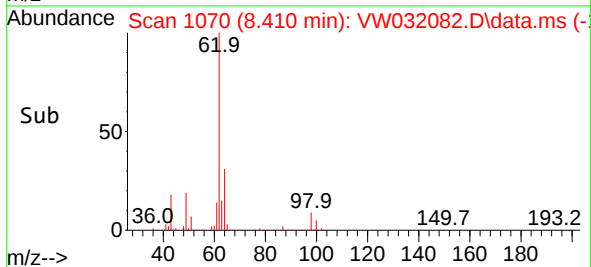
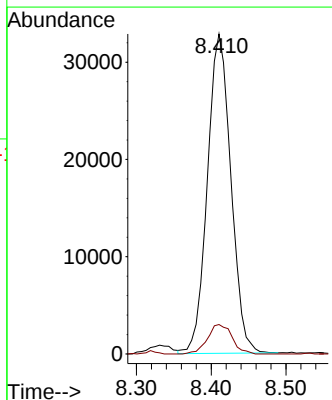
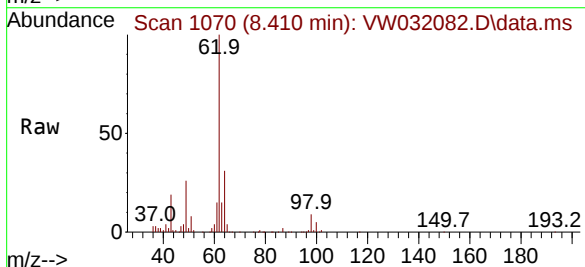
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

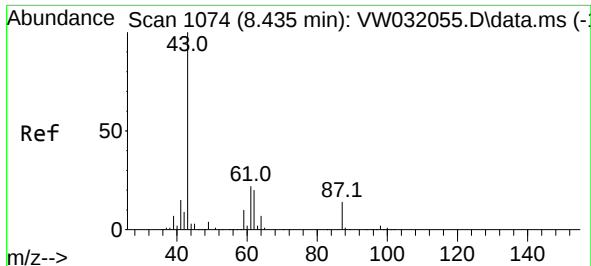
Tgt Ion:	41	Resp:	20590
Ion	Ratio	Lower	Upper
41	100		
39	59.7	42.6	63.8
67	80.9	61.0	91.4
52	37.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.951 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:	62	Resp:	71790
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8

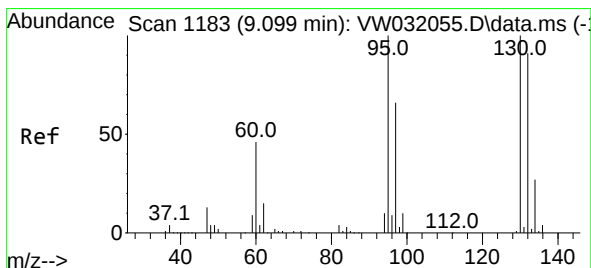
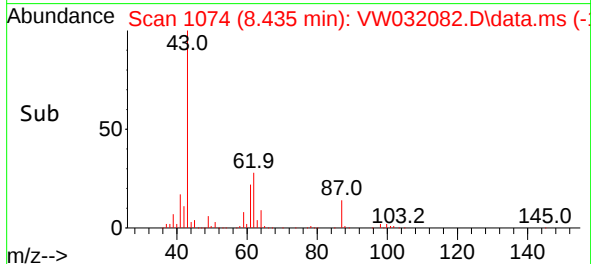
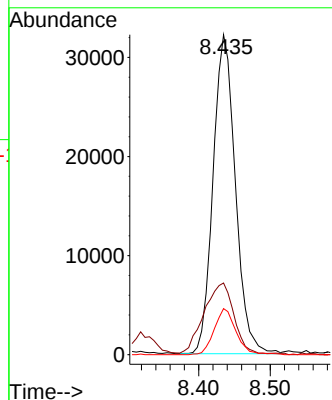
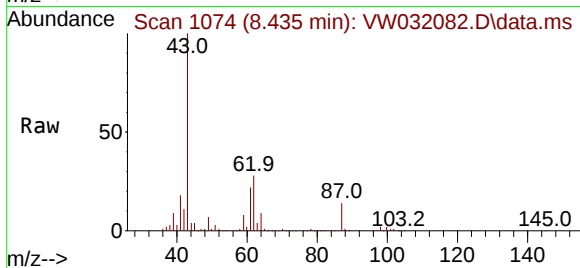




#43
Isopropyl Acetate
Concen: 19.605 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

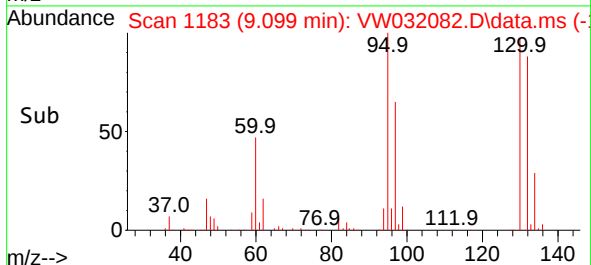
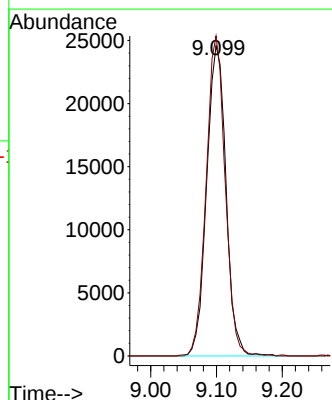
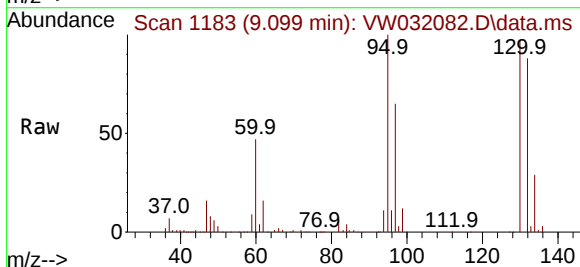
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

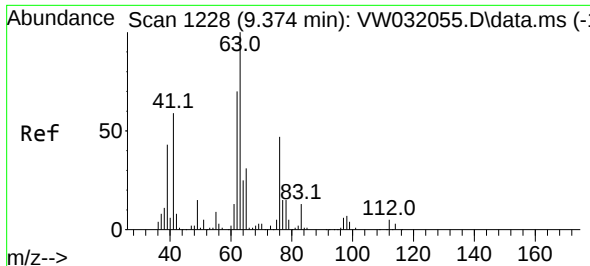
Tgt Ion:	43	Resp:	69849
Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.8	35.8
87	14.1	11.7	17.5



#44
Trichloroethene
Concen: 20.648 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:	130	Resp:	50257
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	200.6

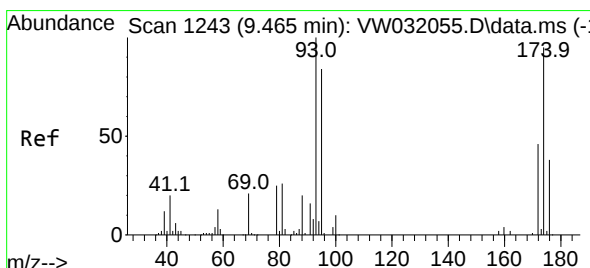
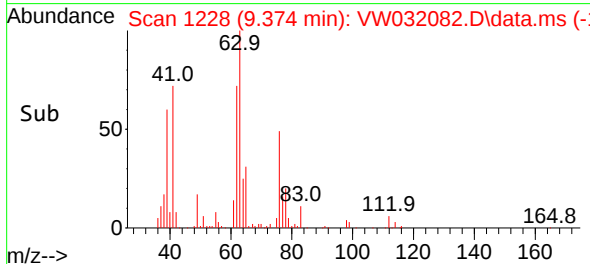
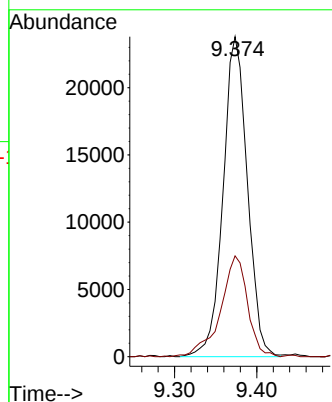
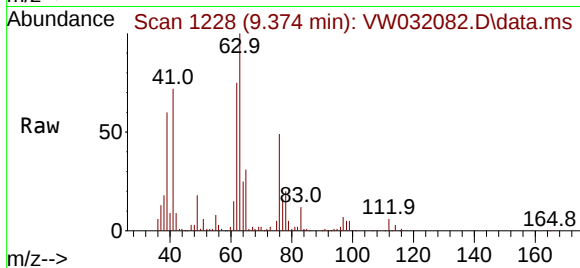




#45
1,2-Dichloropropane
Concen: 19.794 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

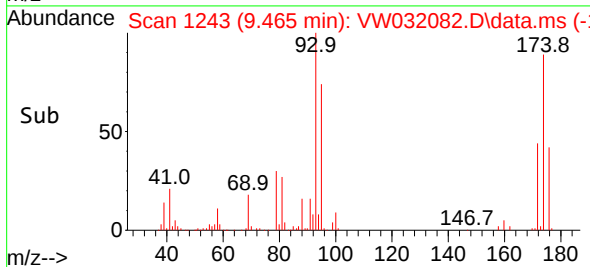
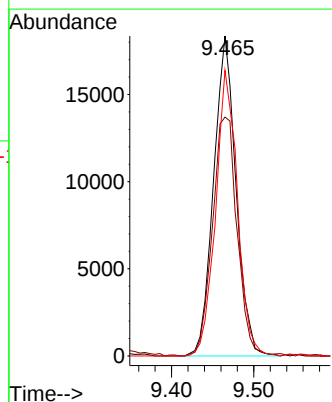
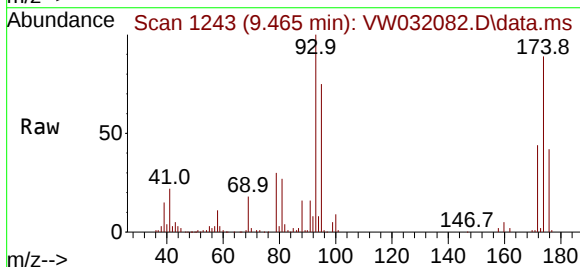
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

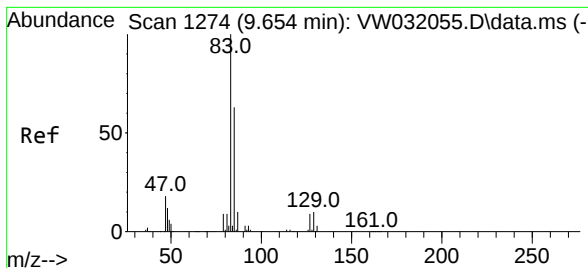
Tgt Ion: 63 Resp: 48874
Ion Ratio Lower Upper
63 100
65 31.5 24.6 36.8



#46
Dibromomethane
Concen: 21.800 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 93 Resp: 34741
Ion Ratio Lower Upper
93 100
95 82.2 65.3 97.9
174 87.0 68.6 102.8





#47

Bromodichloromethane

Concen: 21.199 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

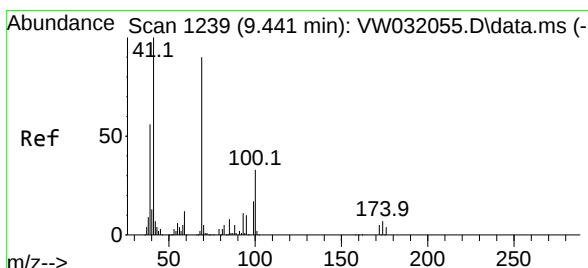
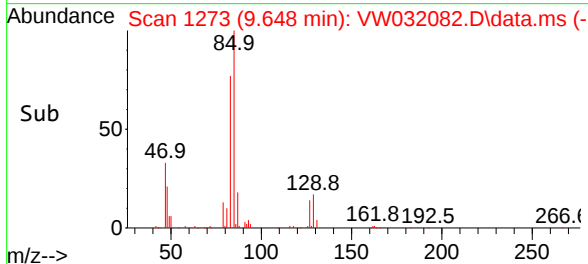
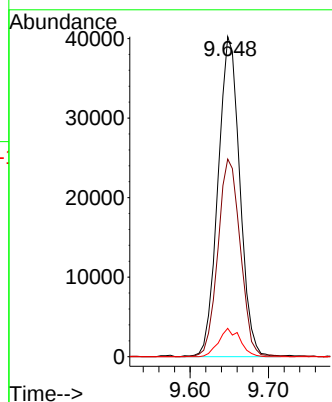
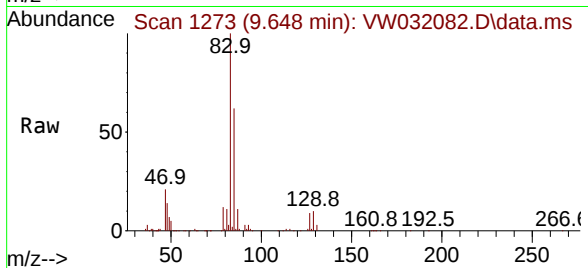
Tgt Ion: 83 Resp: 77846

Ion Ratio Lower Upper

83 100

85 61.7 50.6 75.8

127 8.8 6.9 10.3



#48

Methyl methacrylate

Concen: 18.991 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

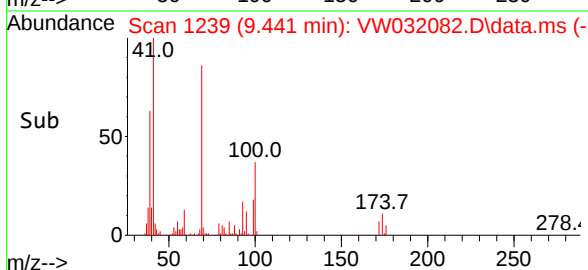
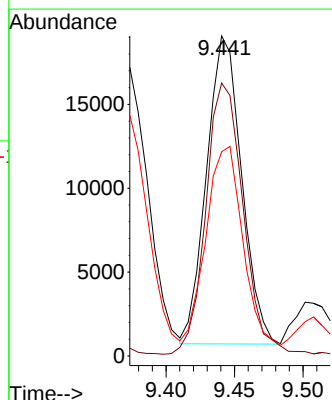
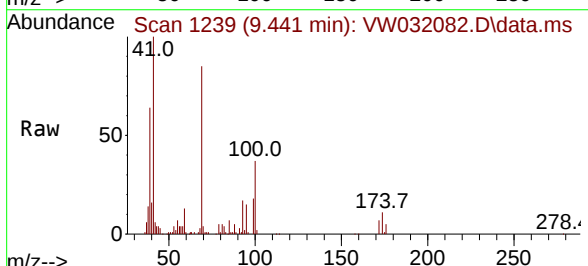
Tgt Ion: 41 Resp: 32666

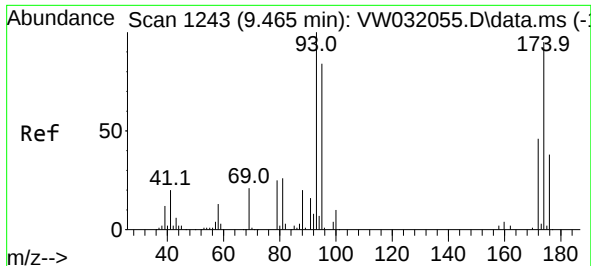
Ion Ratio Lower Upper

41 100

69 94.2 73.0 109.6

39 67.6 45.0 67.4#





#49

1,4-Dioxane

Concen: 383.262 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

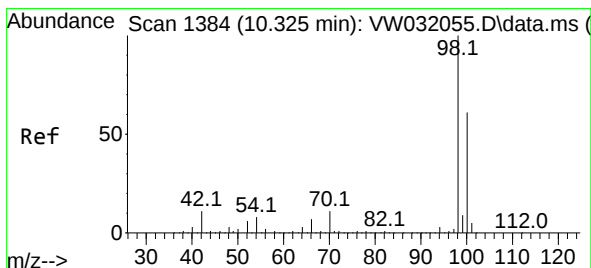
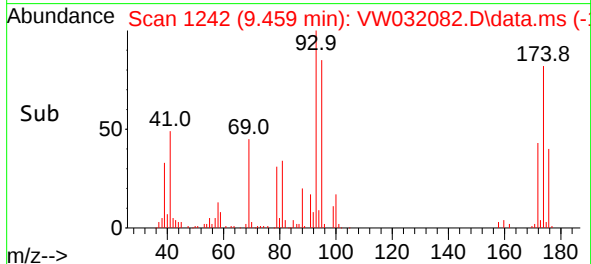
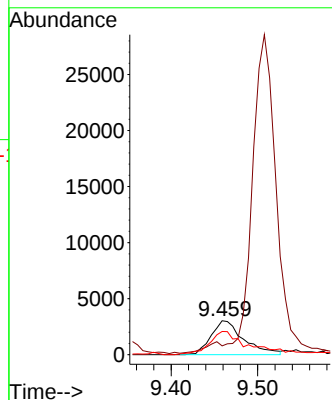
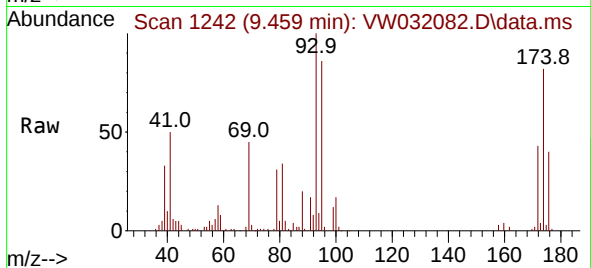
Tgt Ion: 88 Resp: 7897

Ion Ratio Lower Upper

88 100

43 0.0 20.6 30.8#

58 84.4 60.4 90.6



#50

Toluene-d8

Concen: 51.843 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032082.D

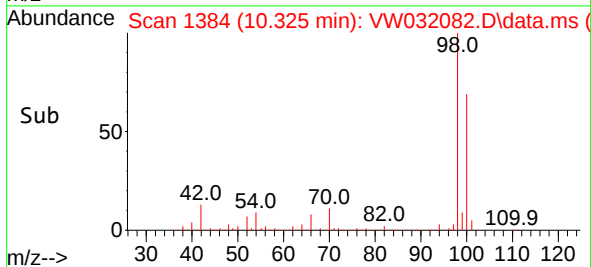
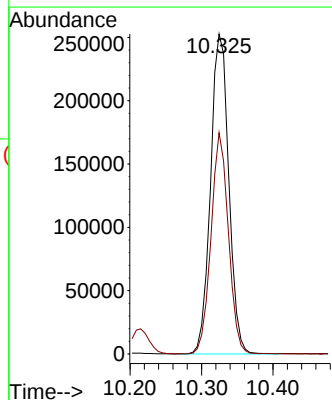
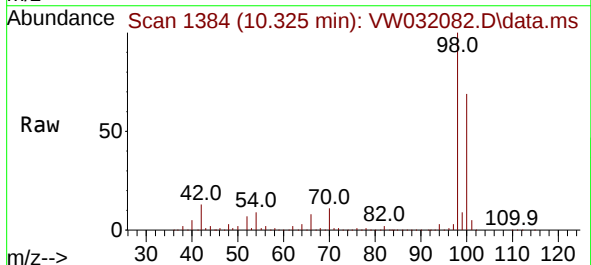
Acq: 14 Aug 2025 10:27

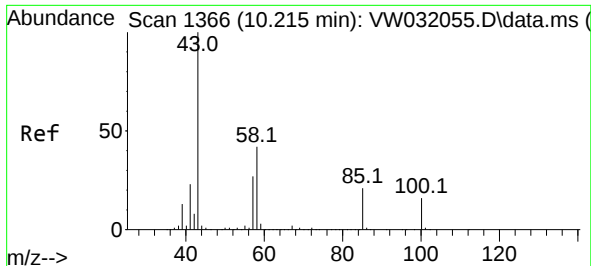
Tgt Ion: 98 Resp: 447242

Ion Ratio Lower Upper

98 100

100 65.8 51.1 76.7

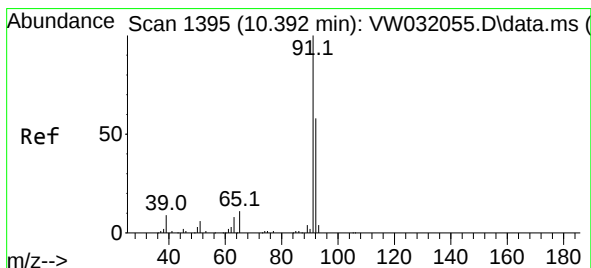
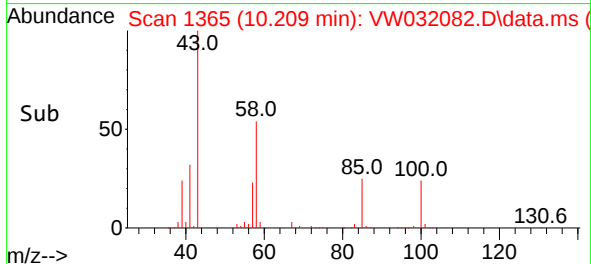
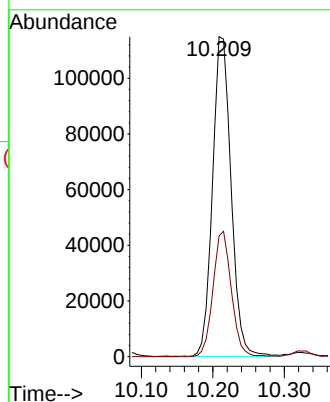
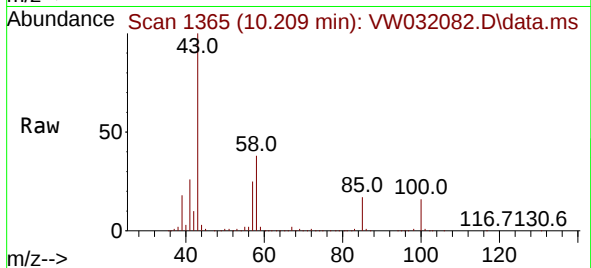




#51
4-Methyl-2-Pentanone
Concen: 103.043 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

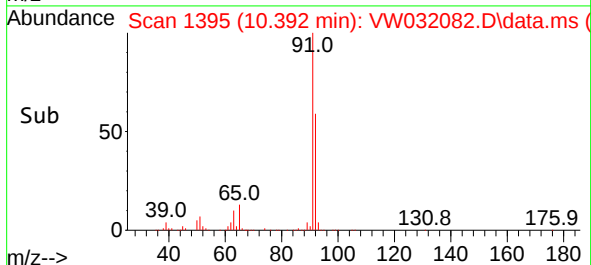
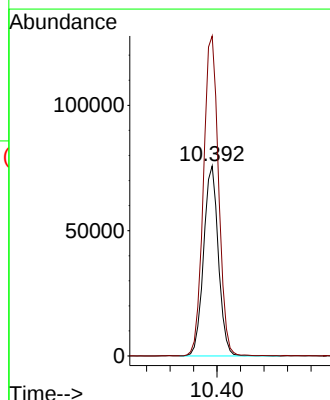
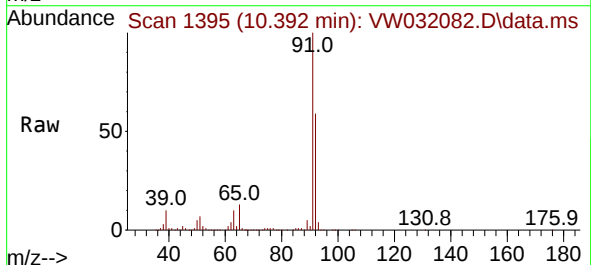
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

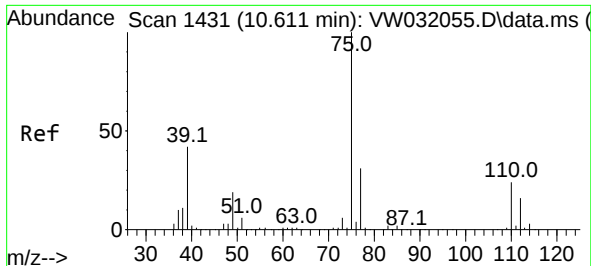
Tgt Ion: 43 Resp: 207218
Ion Ratio Lower Upper
43 100
58 38.8 33.1 49.7



#52
Toluene
Concen: 20.554 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 92 Resp: 132319
Ion Ratio Lower Upper
92 100
91 172.3 136.3 204.5

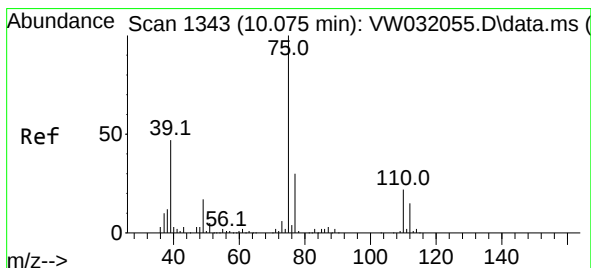
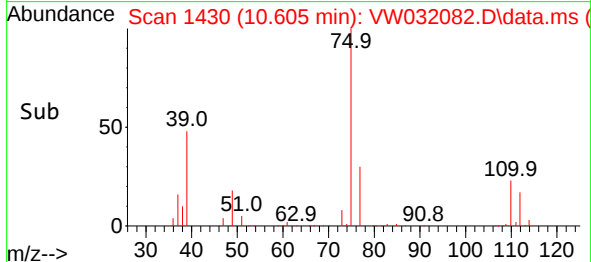
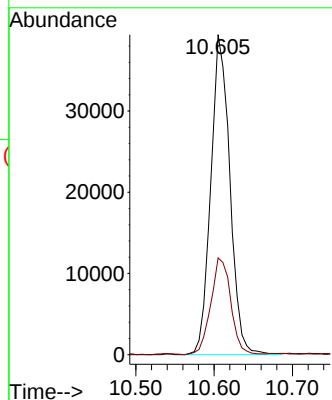
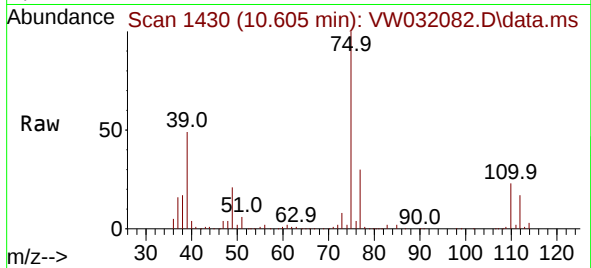




#53
 t-1,3-Dichloropropene
 Concen: 19.346 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

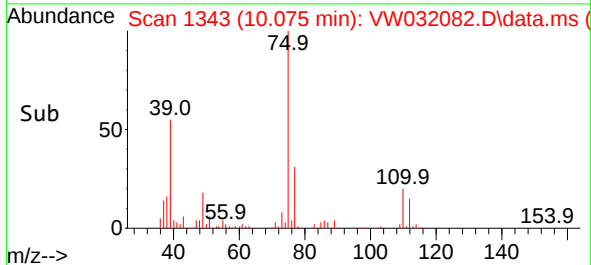
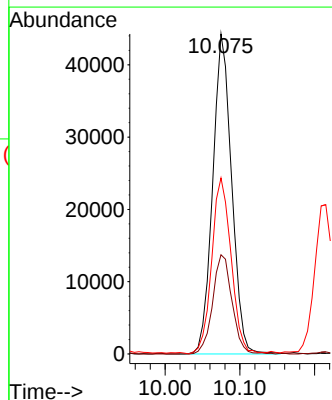
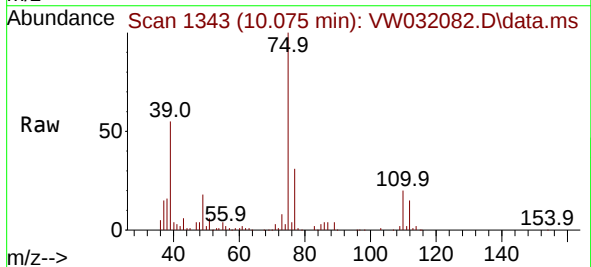
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

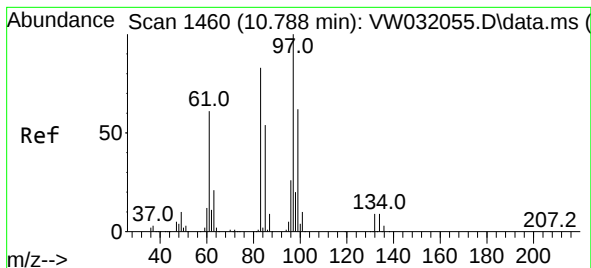
Tgt Ion: 75 Resp: 66557
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.970 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032082.D
 Acq: 14 Aug 2025 10:27

Tgt Ion: 75 Resp: 77941
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.0 36.0
 39 54.7 37.8 56.8

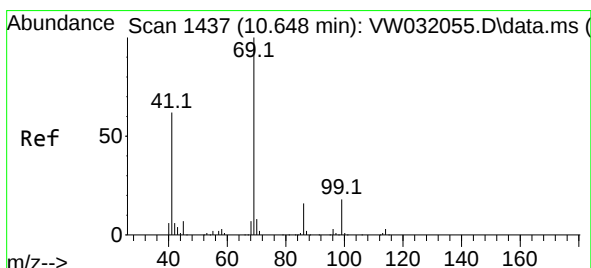
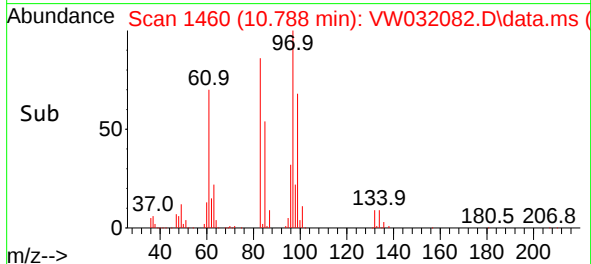
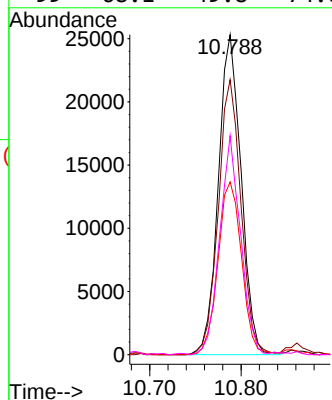
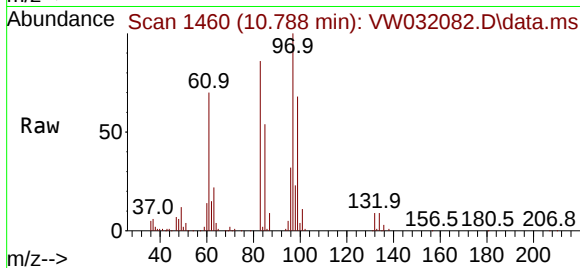




#55
1,1,2-Trichloroethane
Concen: 20.705 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

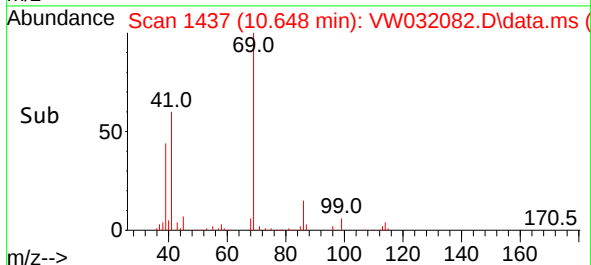
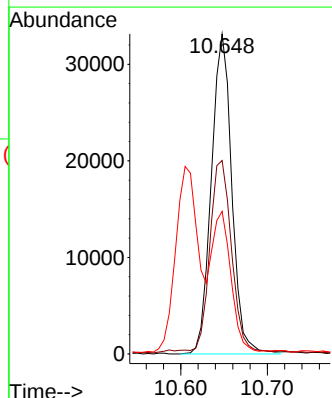
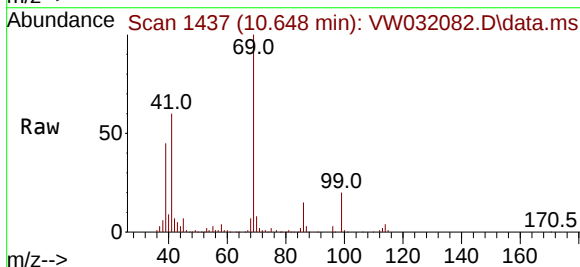
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

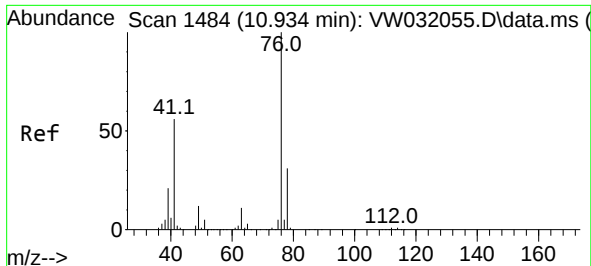
Tgt Ion: 97	Resp: 43846
Ion Ratio	Lower Upper
97 100	
83 85.9	66.4 99.6
85 54.0	43.1 64.7
99 68.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.216 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 69	Resp: 54454
Ion Ratio	Lower Upper
69 100	
41 64.6	51.2 76.8
39 40.4	25.4 38.0#





#57

1,3-Dichloropropane

Concen: 20.384 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

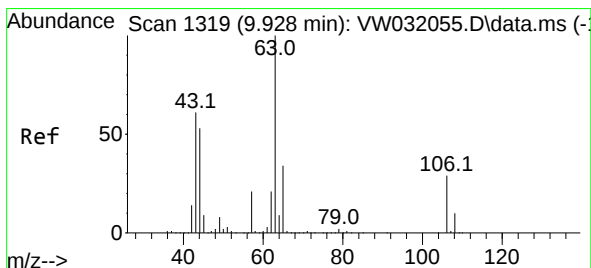
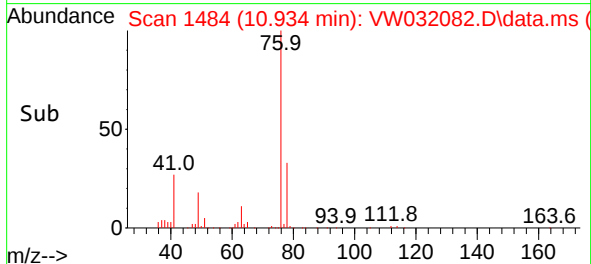
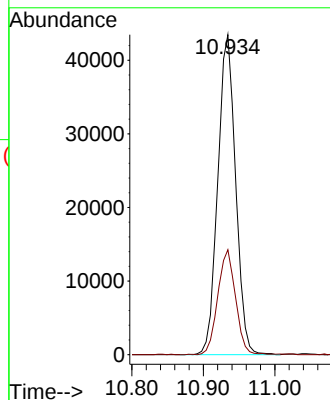
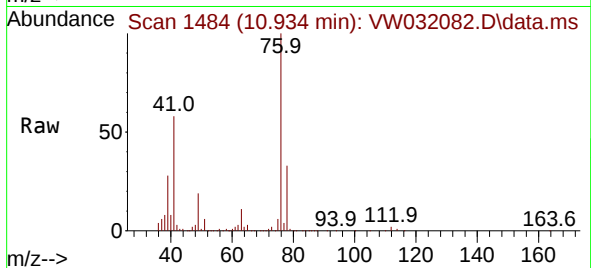
VW0814SBS01

Tgt Ion: 76 Resp: 75241

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.881 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032082.D

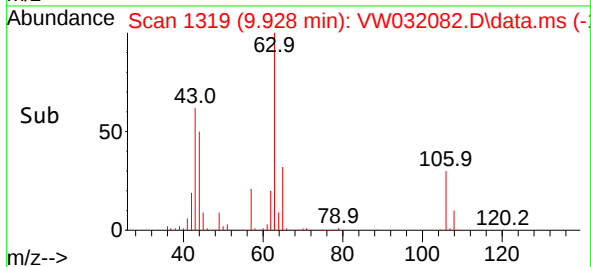
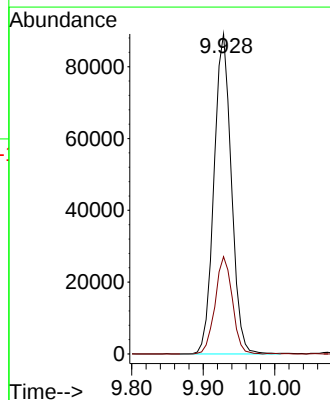
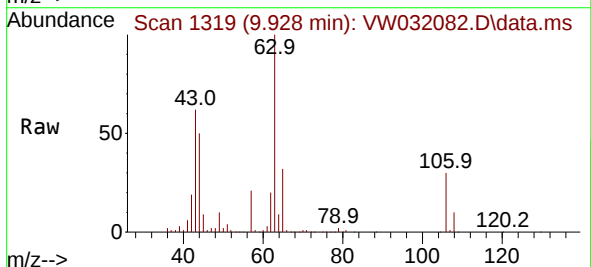
Acq: 14 Aug 2025 10:27

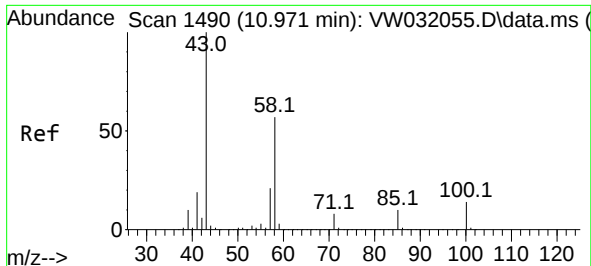
Tgt Ion: 63 Resp: 150289

Ion Ratio Lower Upper

63 100

106 30.1 23.5 35.3

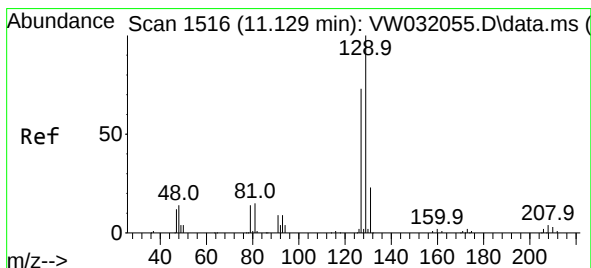
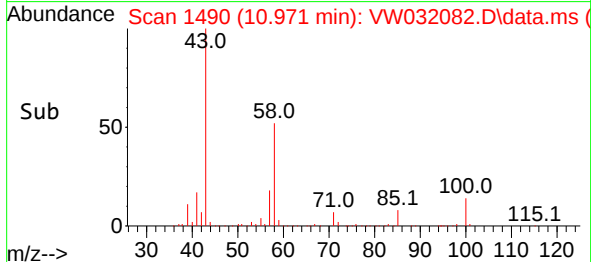
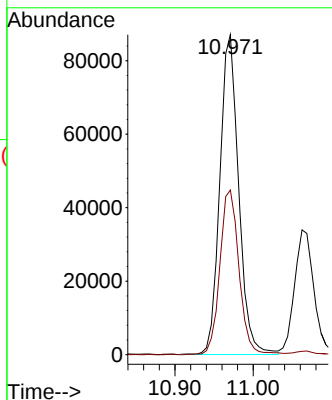
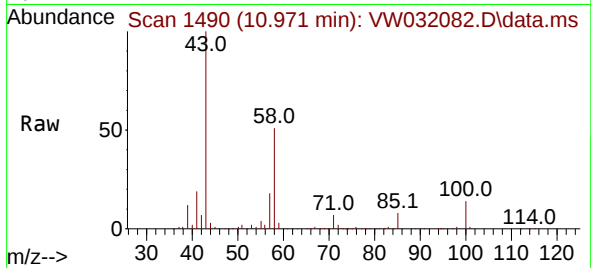




#59
2-Hexanone
Concen: 104.476 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

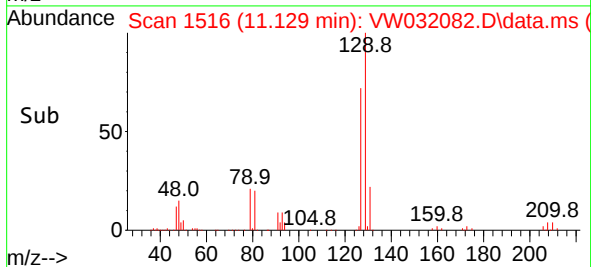
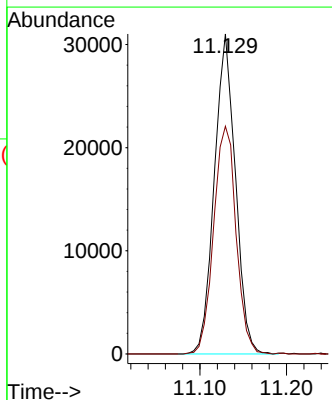
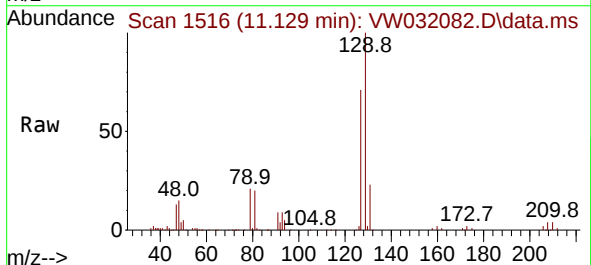
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

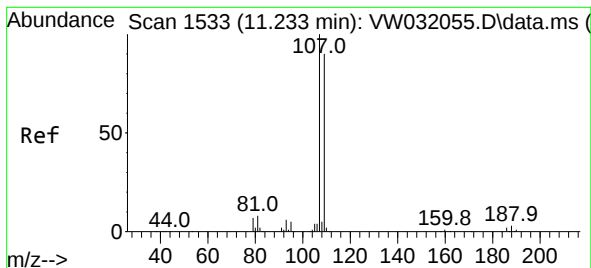
Tgt Ion: 43 Resp: 145508
Ion Ratio Lower Upper
43 100
58 52.4 28.3 85.0



#60
Dibromochloromethane
Concen: 21.668 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:129 Resp: 52415
Ion Ratio Lower Upper
129 100
127 75.7 39.0 116.9

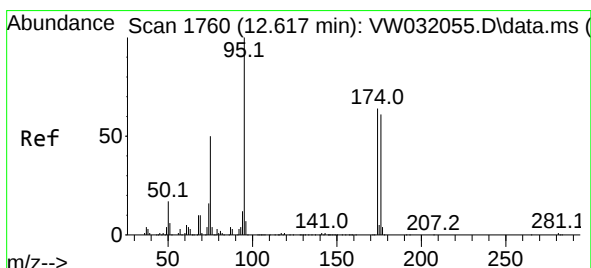
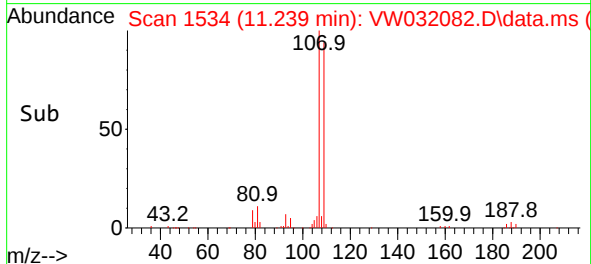
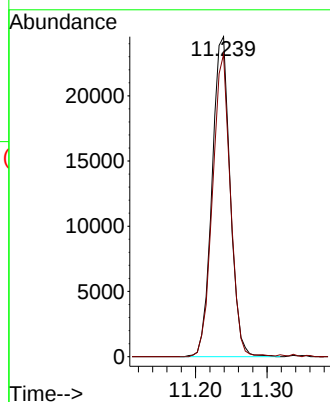
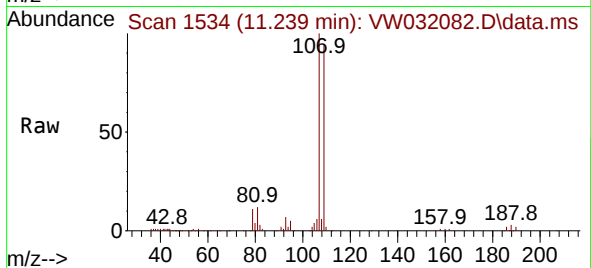




#61
1,2-Dibromoethane
Concen: 20.995 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

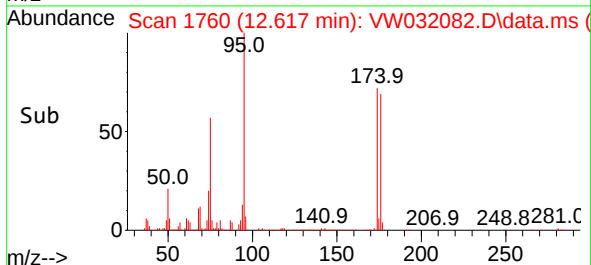
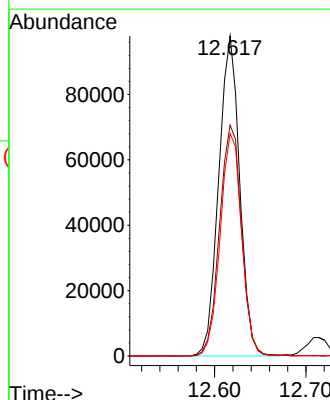
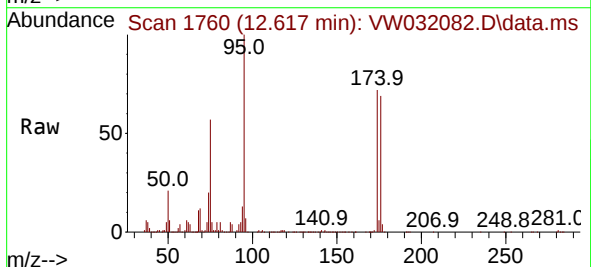
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

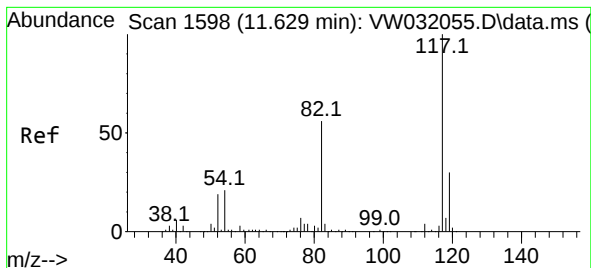
Tgt Ion:107 Resp: 43206
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.195 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 95 Resp: 156394
Ion Ratio Lower Upper
95 100
174 75.5 0.0 129.0
176 71.0 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

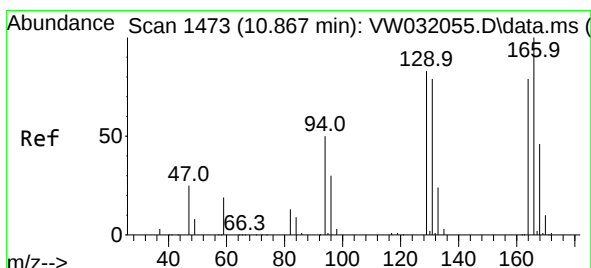
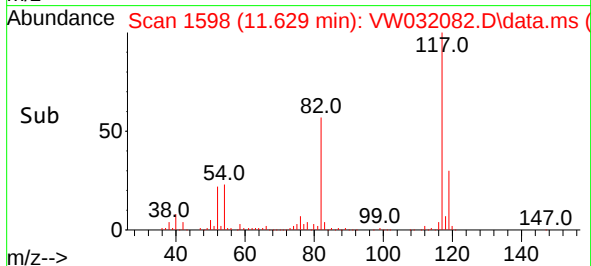
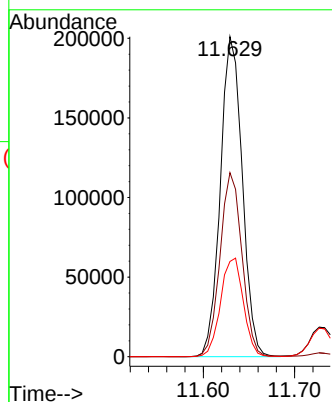
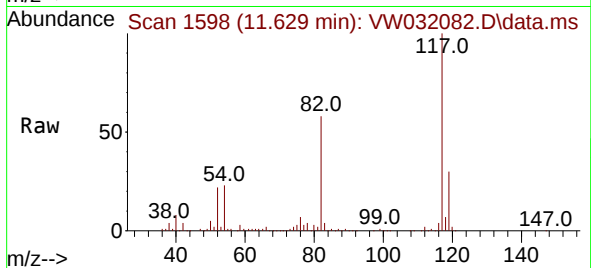
Tgt Ion:117 Resp: 335310

Ion Ratio Lower Upper

117 100

82 57.5 45.0 67.4

119 29.7 24.2 36.4



#64

Tetrachloroethene

Concen: 21.451 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Tgt Ion:164 Resp: 41545

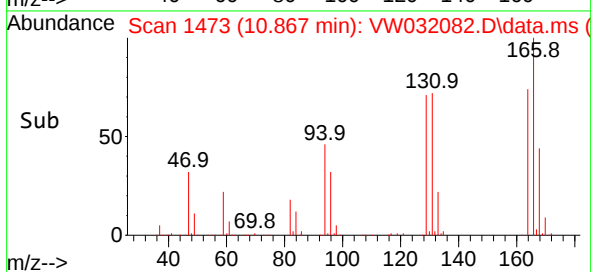
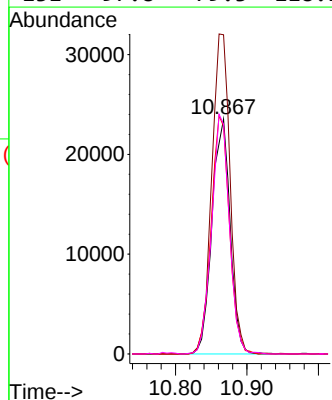
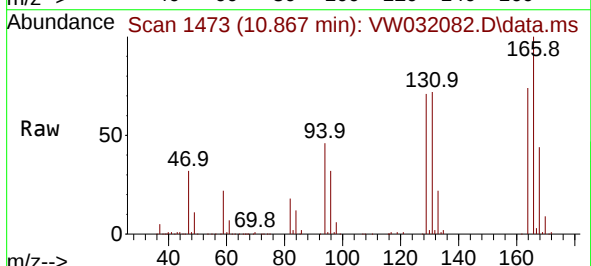
Ion Ratio Lower Upper

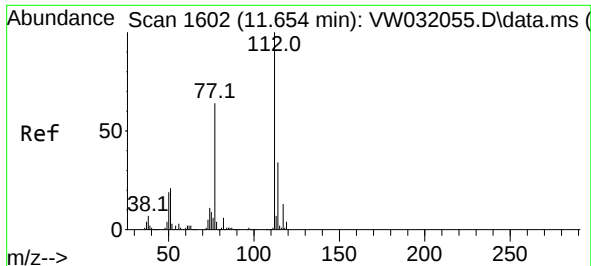
164 100

166 135.9 100.9 151.3

129 96.9 83.6 125.4

131 97.8 79.3 118.9

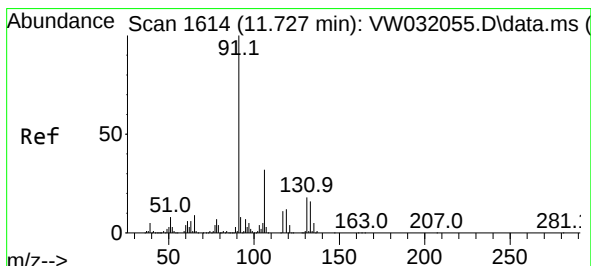
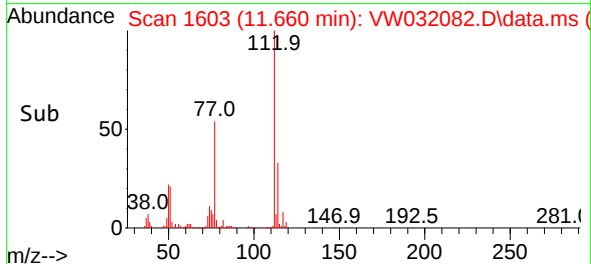
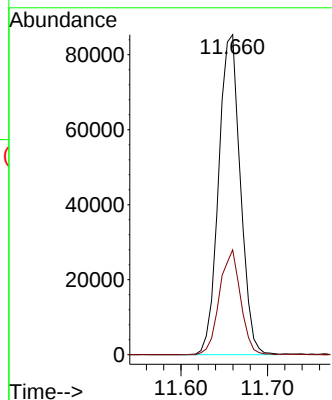
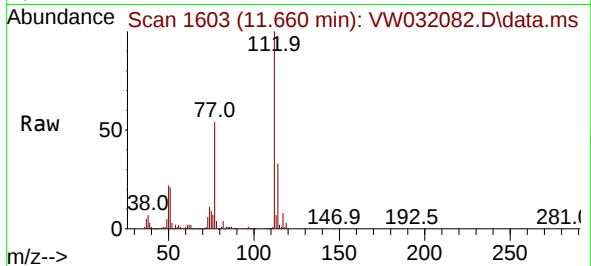




#65
Chlorobenzene
Concen: 20.395 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

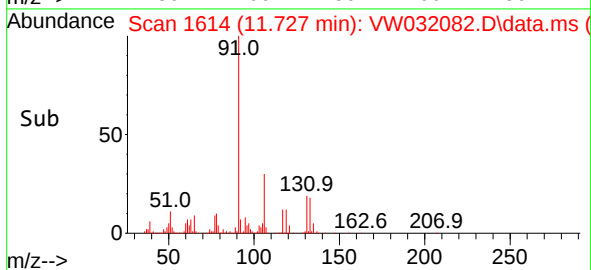
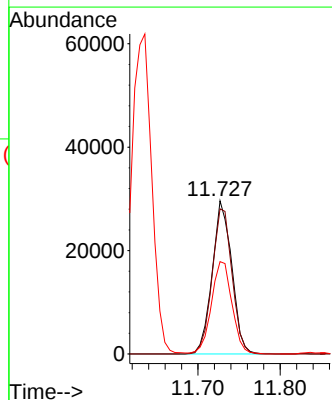
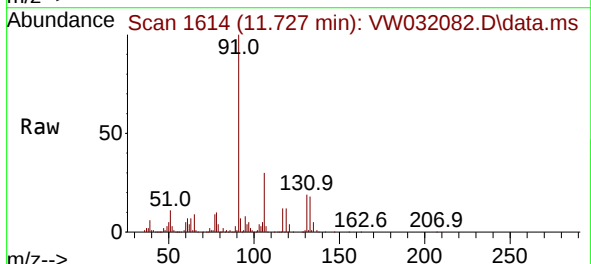
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

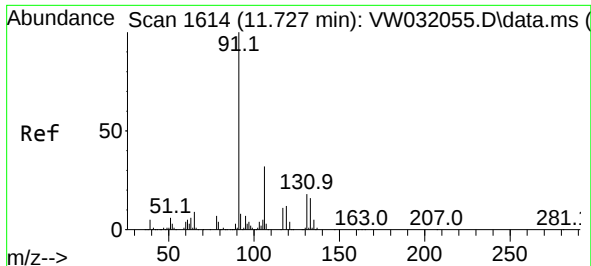
Tgt Ion:112 Resp: 148850
Ion Ratio Lower Upper
112 100
114 32.8 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.525 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:131 Resp: 49016
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 63.4 34.5 103.5

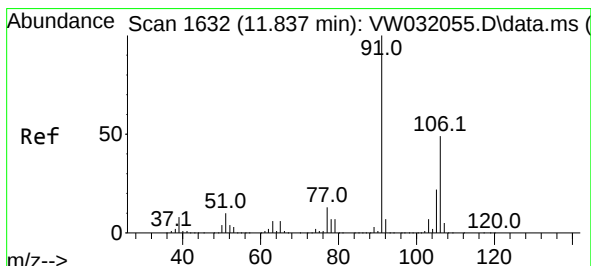
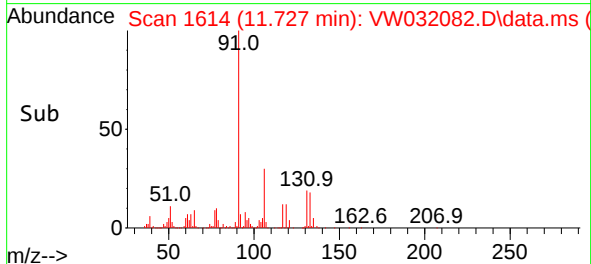
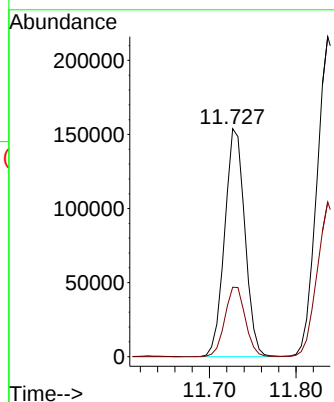
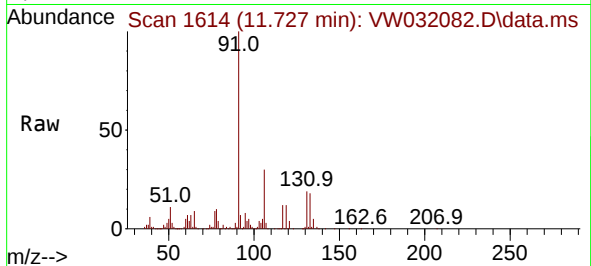




#67
Ethyl Benzene
Concen: 20.179 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

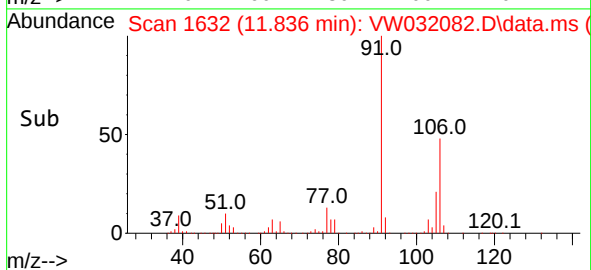
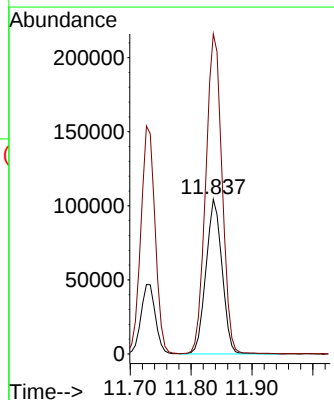
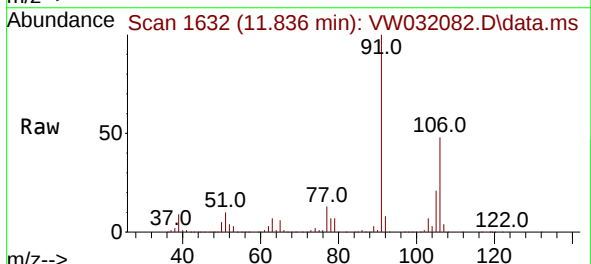
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

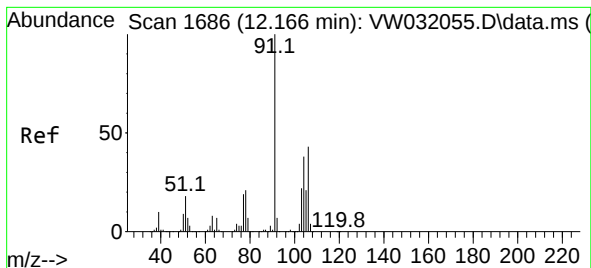
Tgt Ion: 91 Resp: 249471
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0



#68
m/p-Xylenes
Concen: 40.121 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 106 Resp: 191394
Ion Ratio Lower Upper
106 100
91 209.1 162.2 243.2

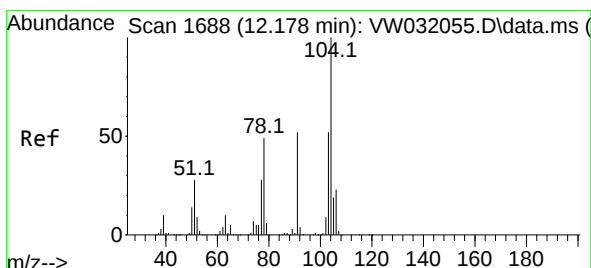
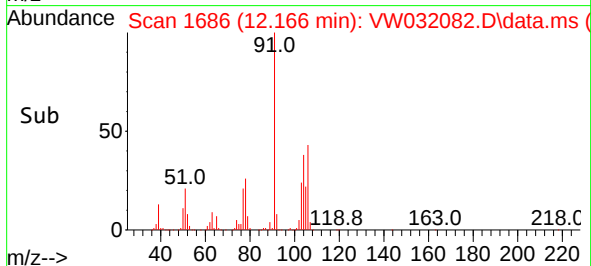
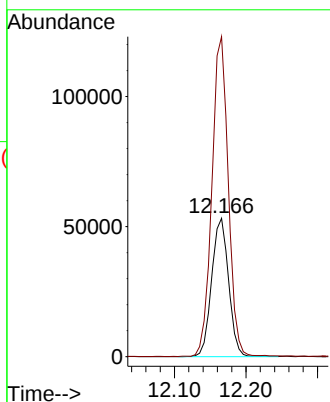
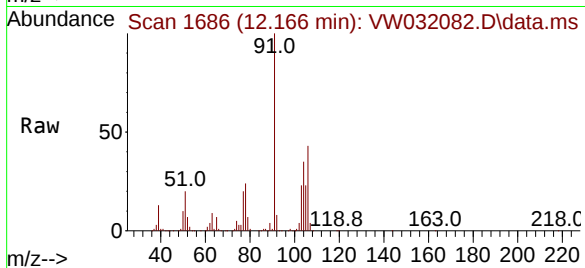




#69
o-Xylene
Concen: 19.829 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

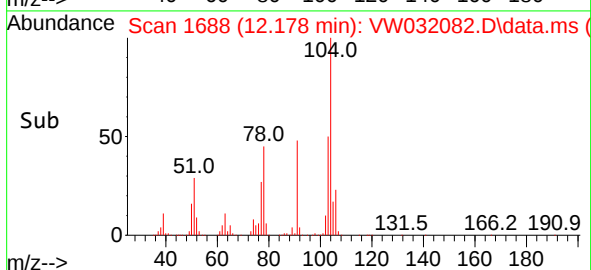
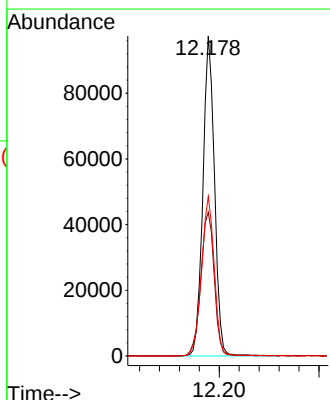
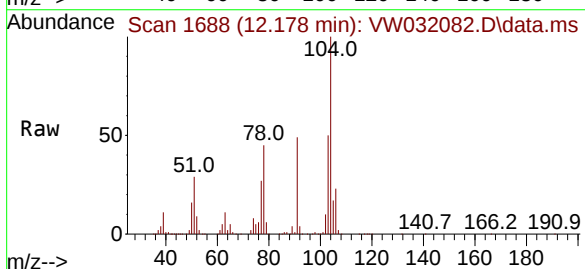
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

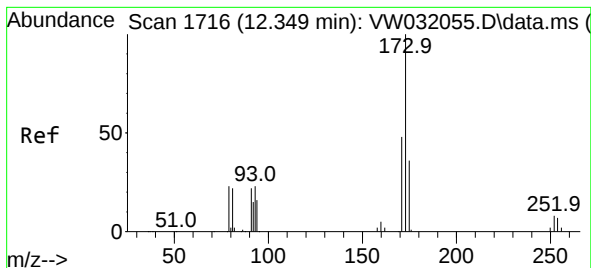
Tgt Ion:106 Resp: 87428
Ion Ratio Lower Upper
106 100
91 224.3 110.8 332.3



#70
Styrene
Concen: 20.133 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:104 Resp: 157674
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.6 43.8 65.8





#71

Bromoform

Concen: 22.114 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

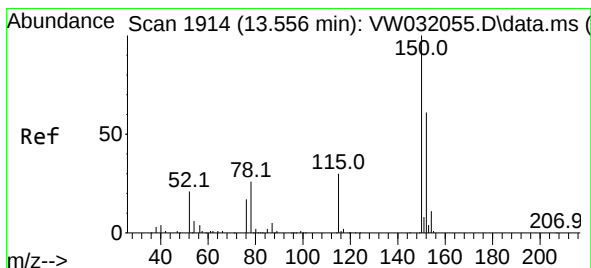
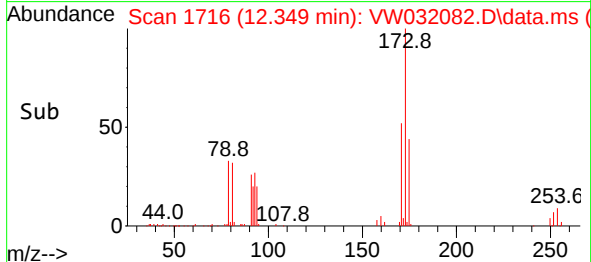
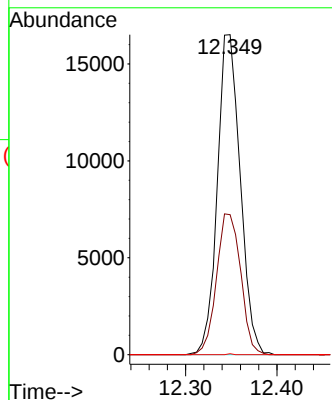
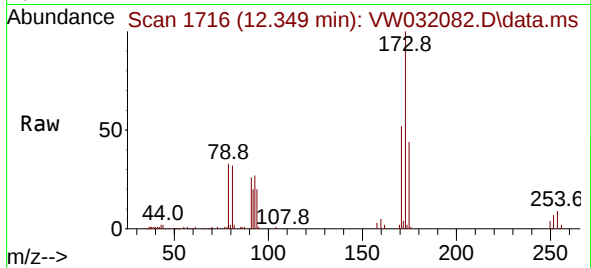
Tgt Ion:173 Resp: 28805

Ion Ratio Lower Upper

173 100

175 46.3 22.9 68.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

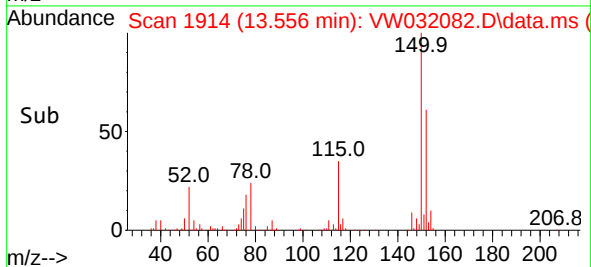
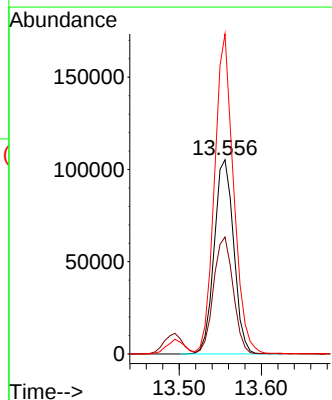
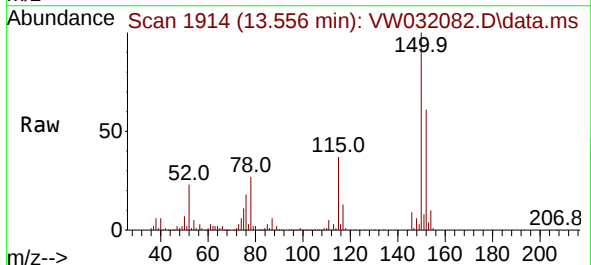
Tgt Ion:152 Resp: 173541

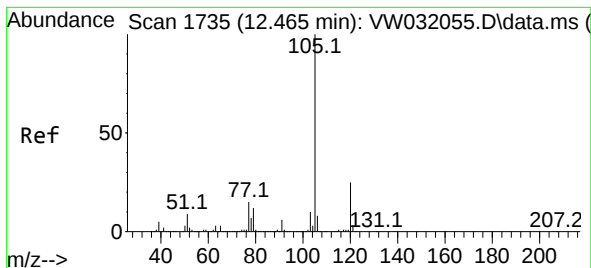
Ion Ratio Lower Upper

152 100

115 60.4 32.6 97.8

150 161.1 0.0 359.4

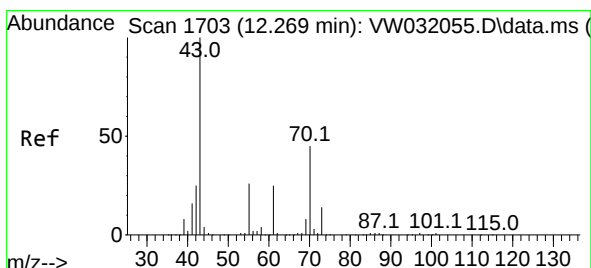
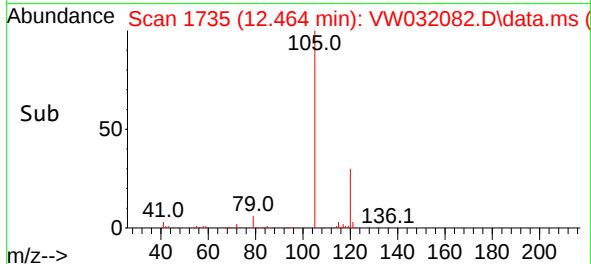
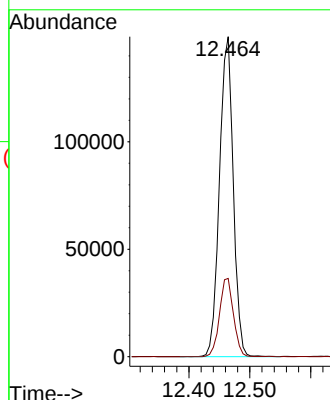
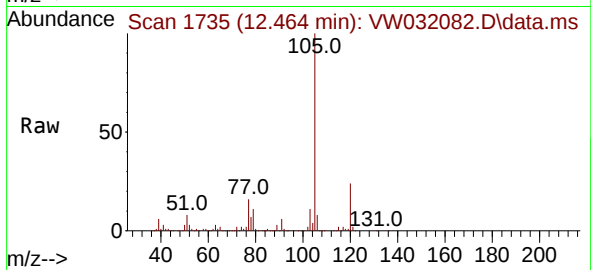




#73
Isopropylbenzene
Concen: 19.298 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

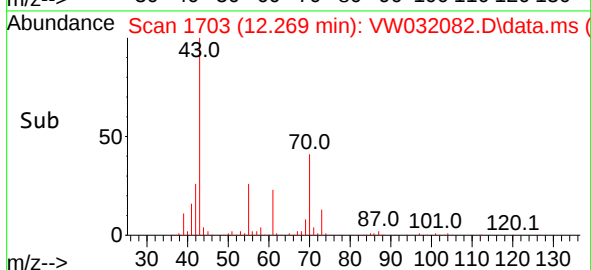
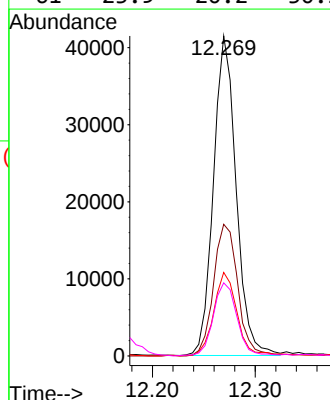
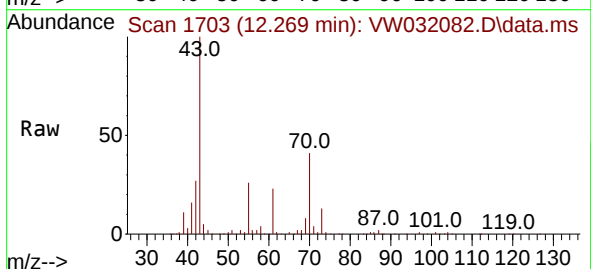
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

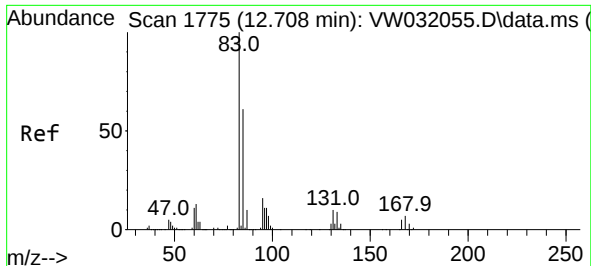
Tgt Ion:105 Resp: 234043
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.4



#74
N-ethyl acetate
Concen: 18.263 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 43 Resp: 63547
Ion Ratio Lower Upper
43 100
70 44.6 37.0 55.4
55 27.2 21.1 31.7
61 23.9 20.2 30.2

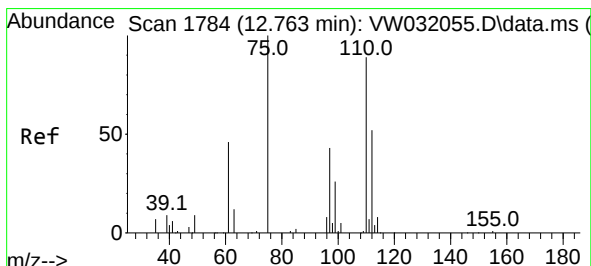
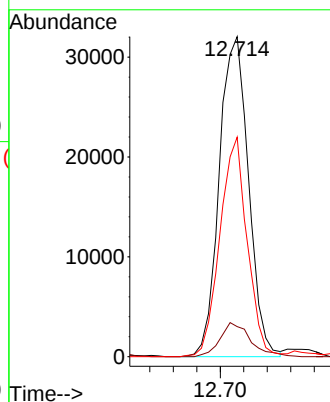
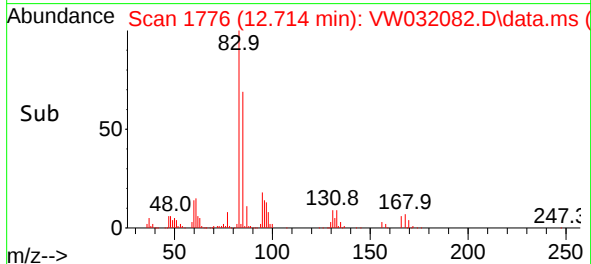
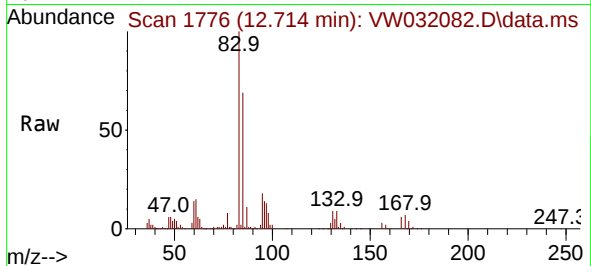




#75
1,1,2,2-Tetrachloroethane
Concen: 19.244 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

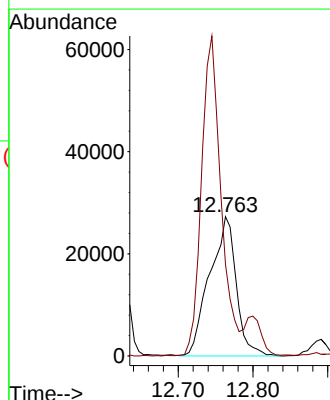
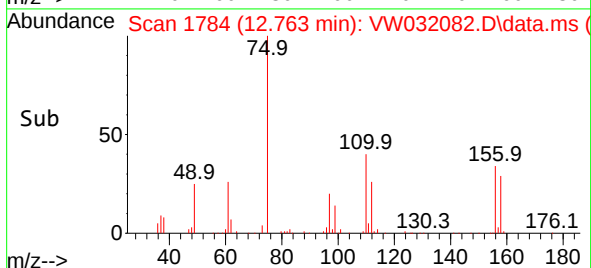
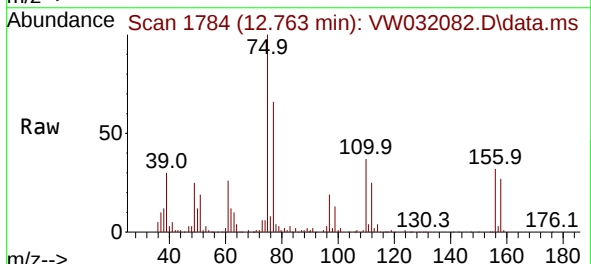
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

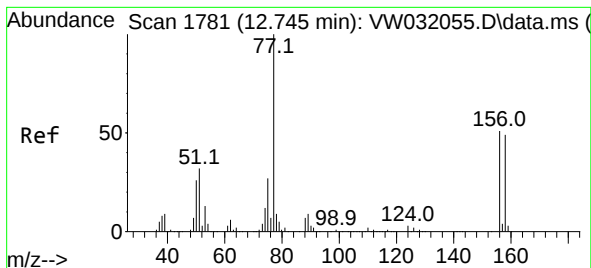
Tgt Ion: 83 Resp: 55414
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 64.0 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 28.664 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 75 Resp: 67514
Ion Ratio Lower Upper
75 100
77 168.6 123.5 370.5





#77

Bromobenzene

Concen: 20.288 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

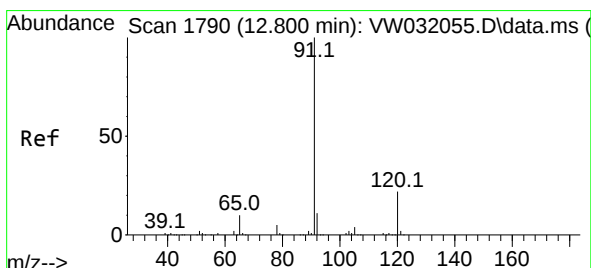
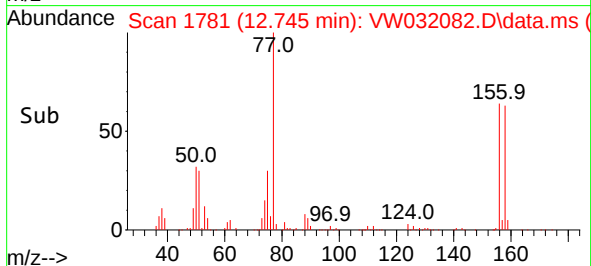
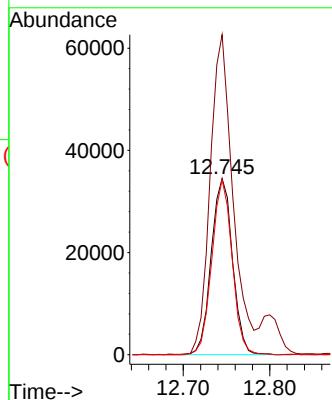
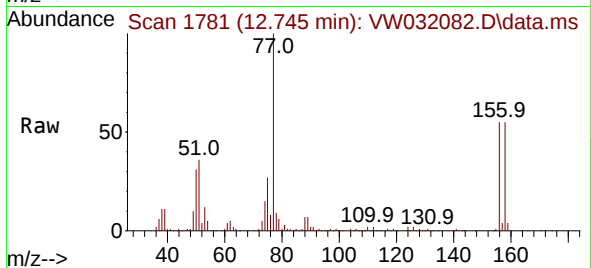
Tgt Ion:156 Resp: 58767

Ion Ratio Lower Upper

156 100

77 193.7 108.7 326.3

158 94.5 48.3 144.9



#78

n-propylbenzene

Concen: 19.630 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032082.D

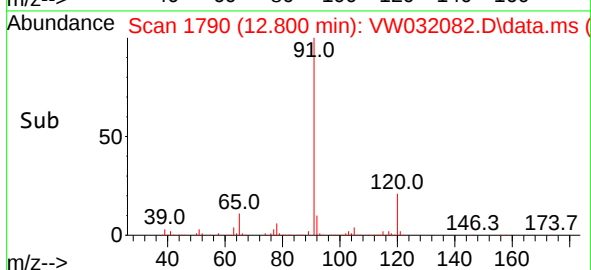
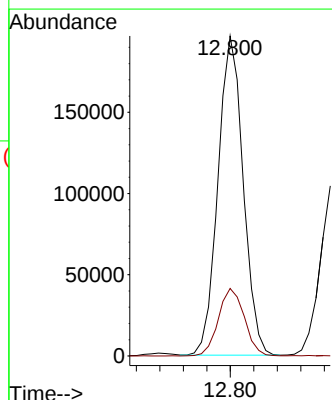
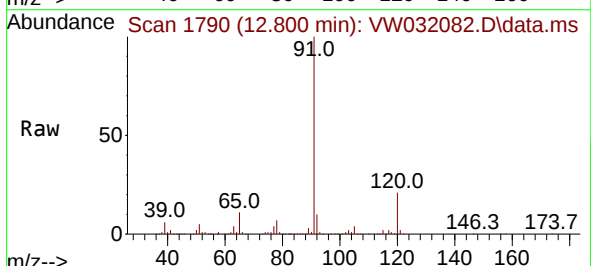
Acq: 14 Aug 2025 10:27

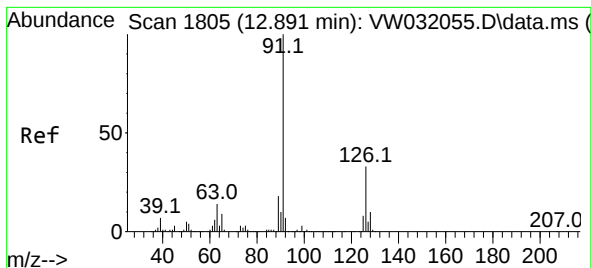
Tgt Ion: 91 Resp: 293106

Ion Ratio Lower Upper

91 100

120 21.8 11.1 33.3

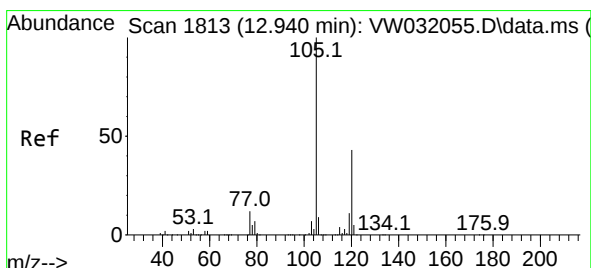
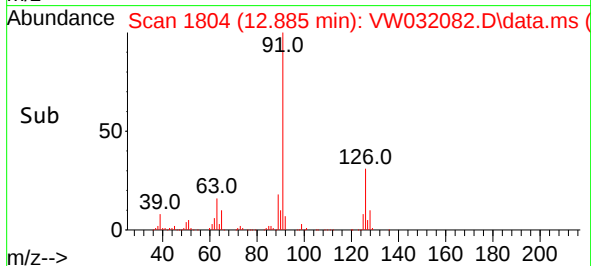
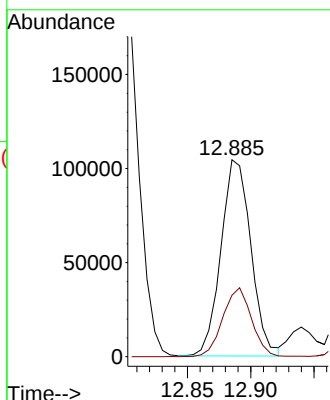
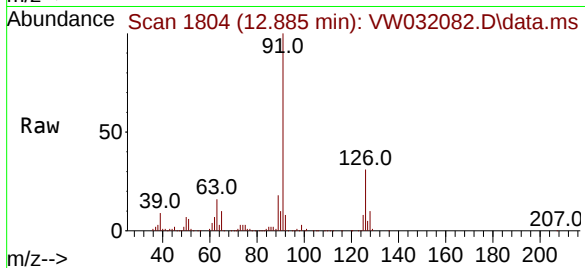




#79
2-Chlorotoluene
Concen: 18.674 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

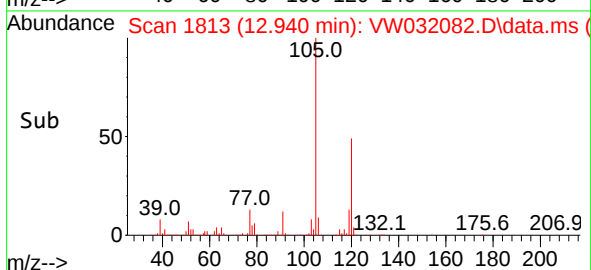
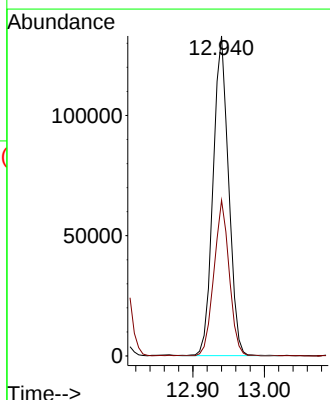
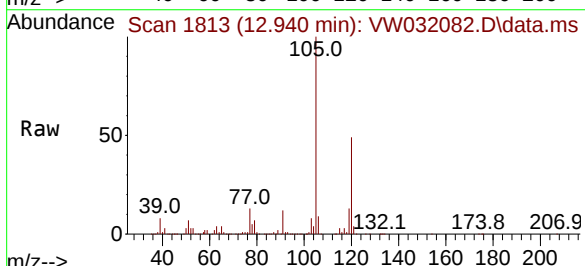
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

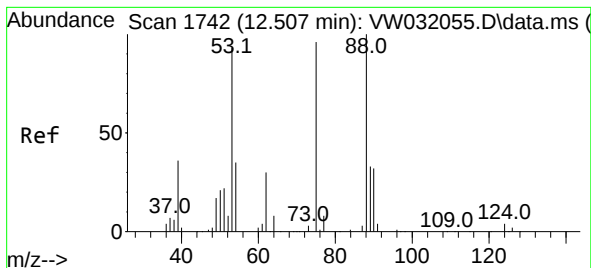
Tgt Ion: 91 Resp: 172088
Ion Ratio Lower Upper
91 100
126 33.8 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.419 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 105 Resp: 199943
Ion Ratio Lower Upper
105 100
120 47.8 23.4 70.0

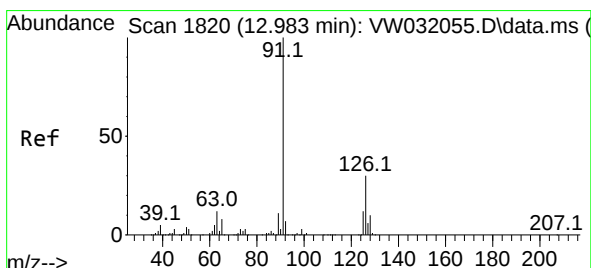
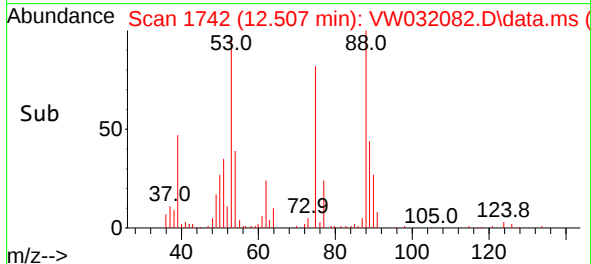
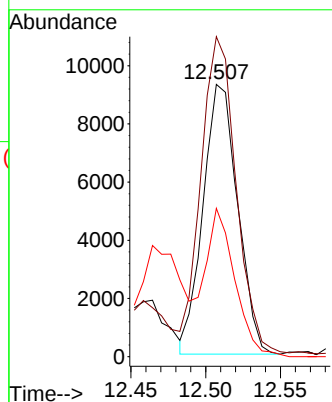
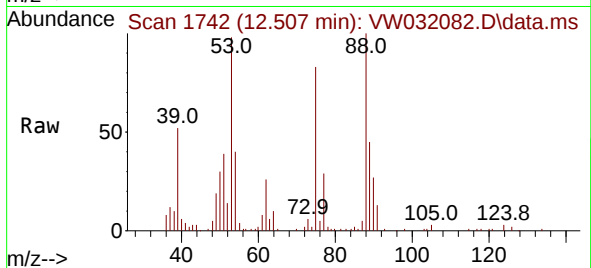




#81
trans-1,4-Dichloro-2-butene
Concen: 16.406 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

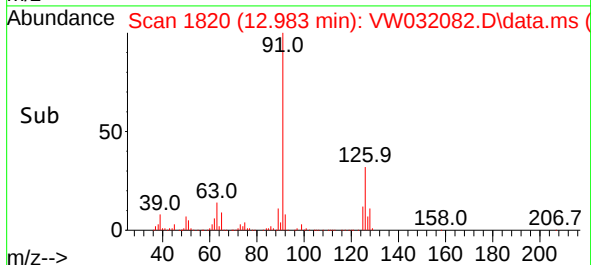
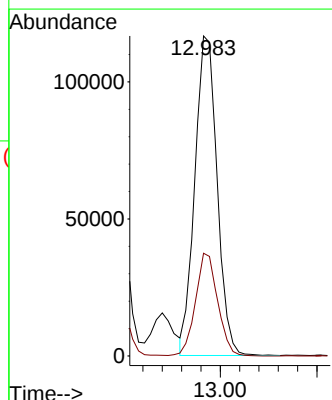
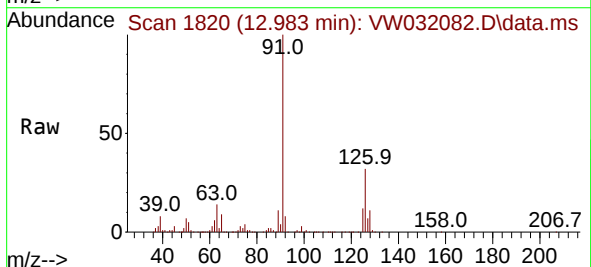
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

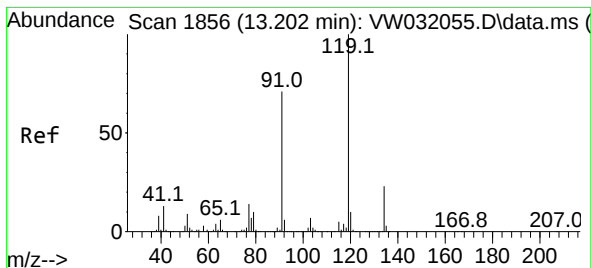
Tgt Ion: 75 Resp: 14926
Ion Ratio Lower Upper
75 100
53 123.4 81.0 121.6#
89 48.6 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.042 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 91 Resp: 186440
Ion Ratio Lower Upper
91 100
126 32.1 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.009 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

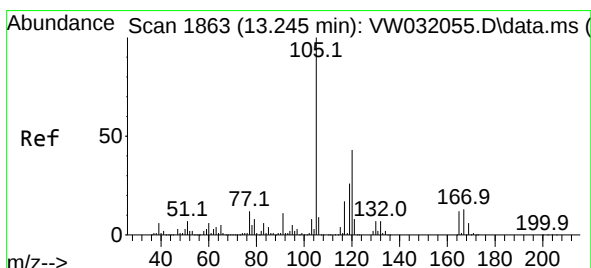
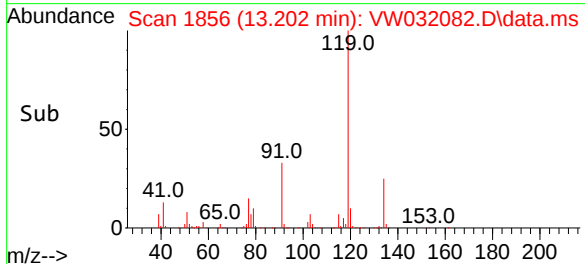
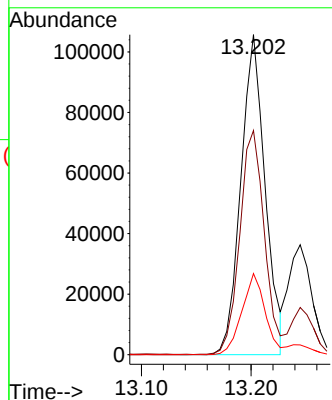
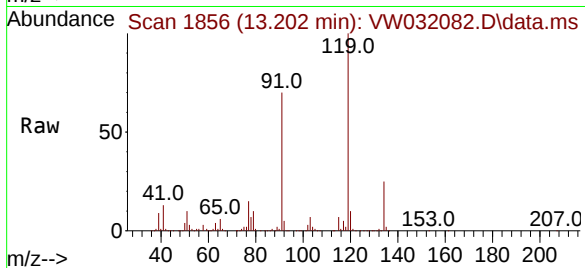
Tgt Ion:119 Resp: 162438

Ion Ratio Lower Upper

119 100

91 70.8 35.3 105.9

134 24.8 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 19.477 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032082.D

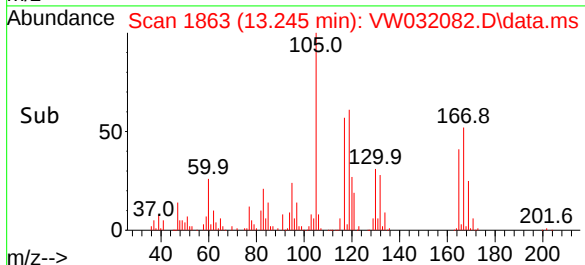
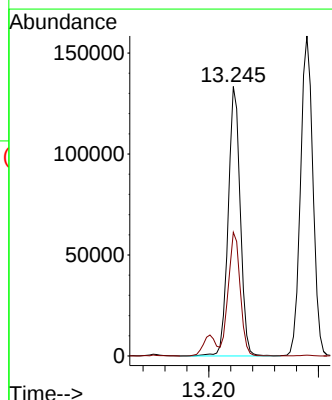
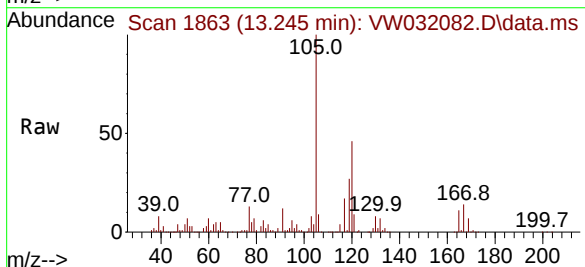
Acq: 14 Aug 2025 10:27

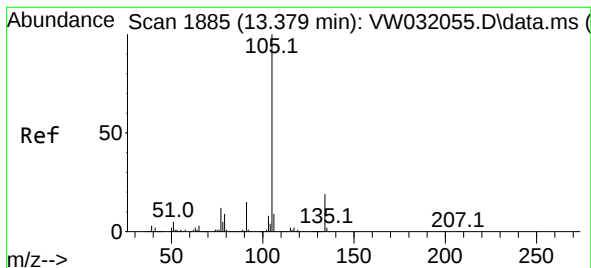
Tgt Ion:105 Resp: 204141

Ion Ratio Lower Upper

105 100

120 45.4 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.074 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

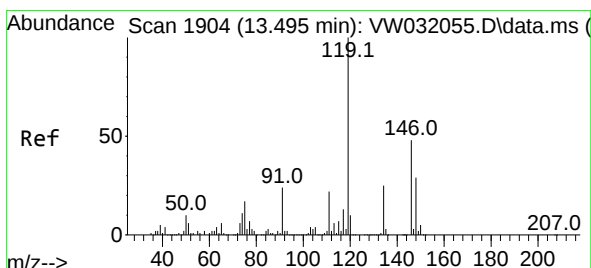
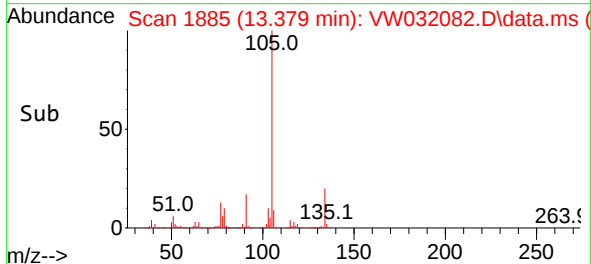
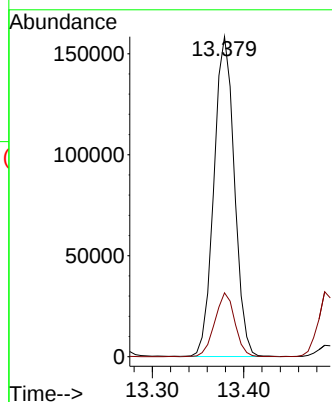
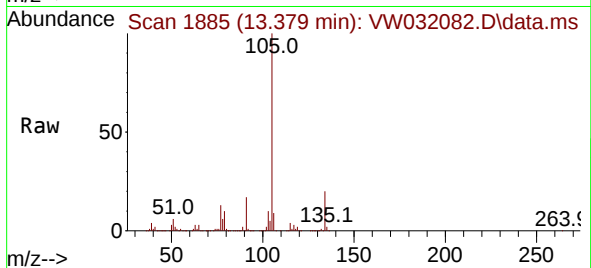
VW0814SBS01

Tgt Ion:105 Resp: 246430

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.547 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

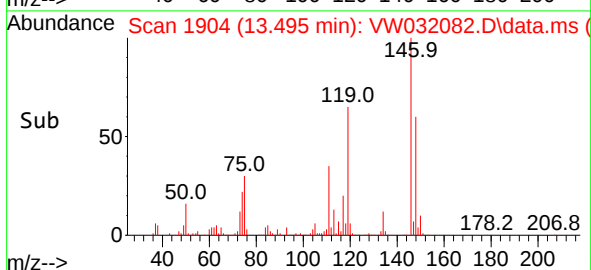
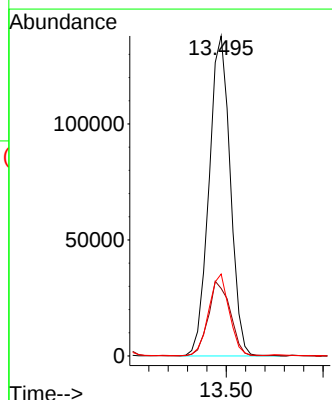
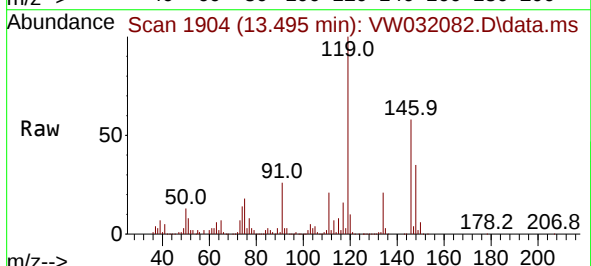
Tgt Ion:119 Resp: 210533

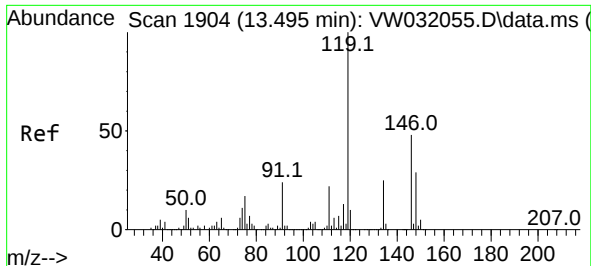
Ion Ratio Lower Upper

119 100

134 24.2 12.4 37.0

91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.455 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

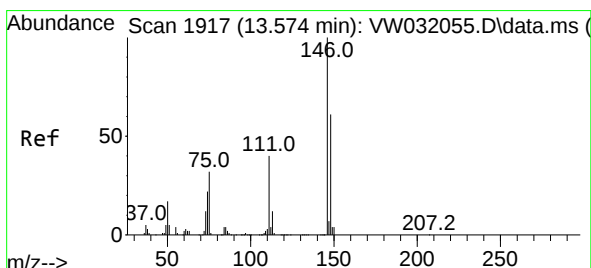
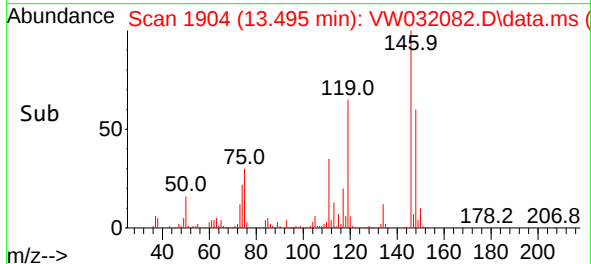
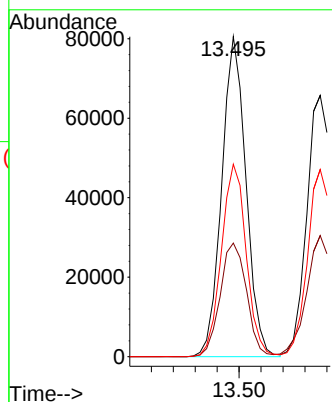
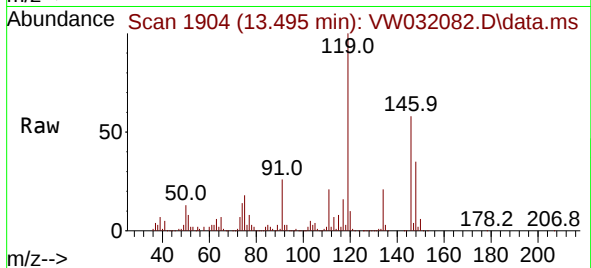
Tgt Ion:146 Resp: 123661

Ion Ratio Lower Upper

146 100

111 38.6 21.2 63.6

148 61.7 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 19.366 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

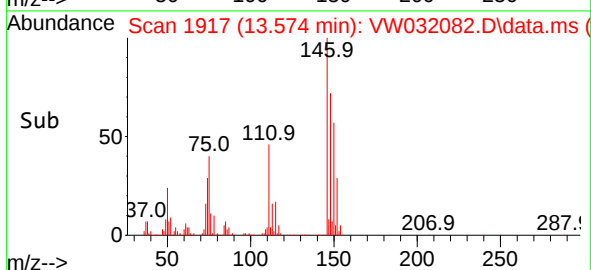
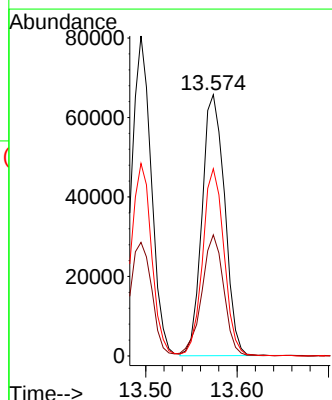
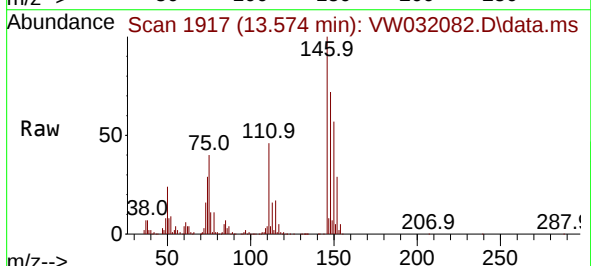
Tgt Ion:146 Resp: 112801

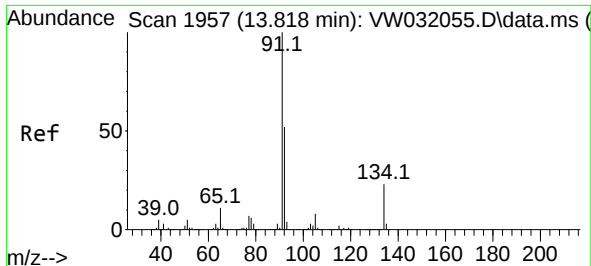
Ion Ratio Lower Upper

146 100

111 45.1 21.6 64.6

148 67.9 32.0 96.2

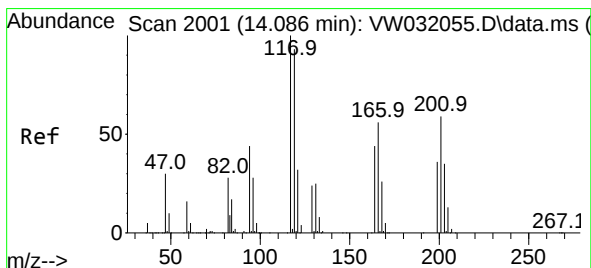
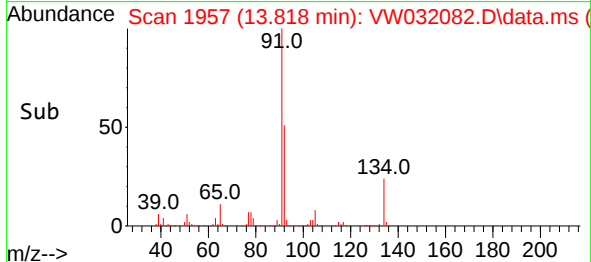
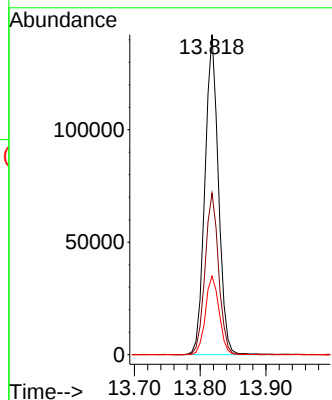
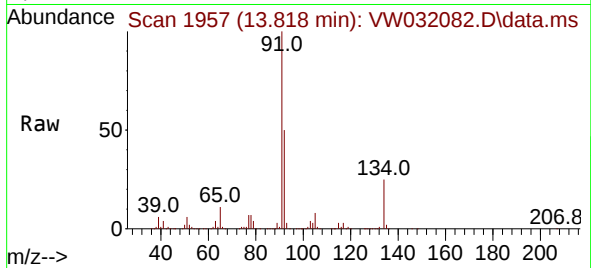




#89
n-Butylbenzene
Concen: 19.407 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

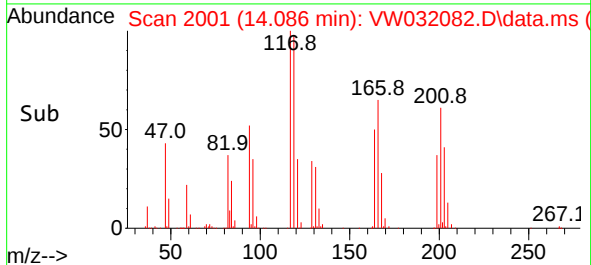
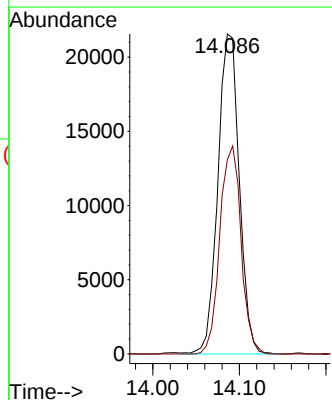
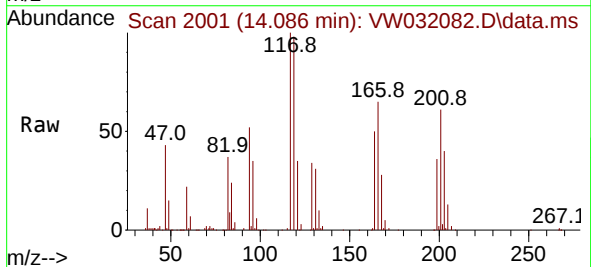
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

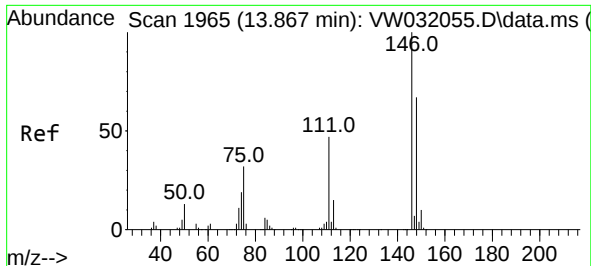
Tgt Ion: 91 Resp: 203065
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.1
134 24.9 12.0 36.1



#90
Hexachloroethane
Concen: 18.817 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion: 117 Resp: 37065
Ion Ratio Lower Upper
117 100
201 64.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 20.963 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

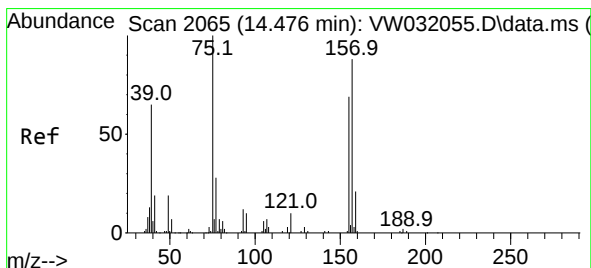
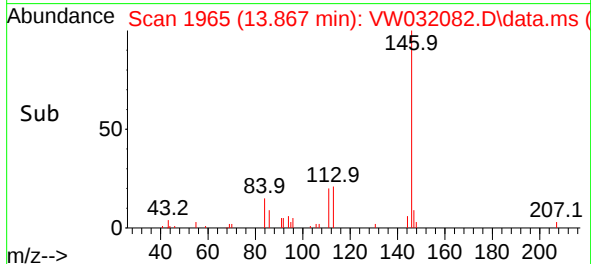
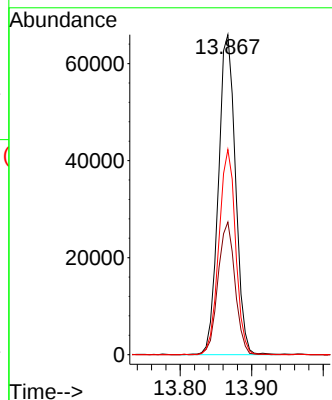
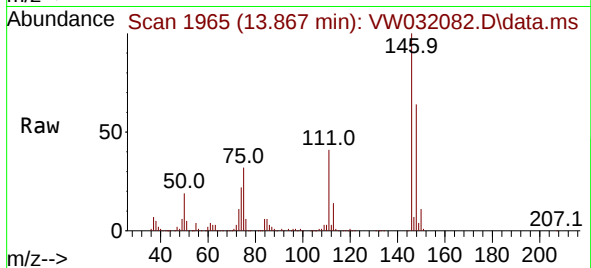
Tgt Ion:146 Resp: 109453

Ion Ratio Lower Upper

146 100

111 41.4 23.1 69.3

148 62.7 32.9 98.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.149 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

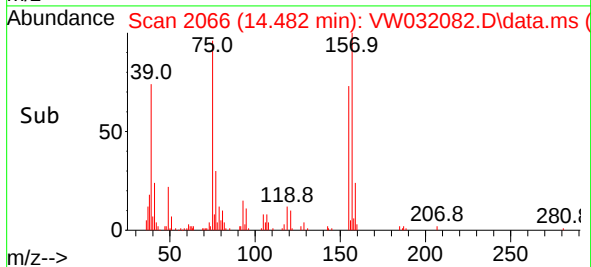
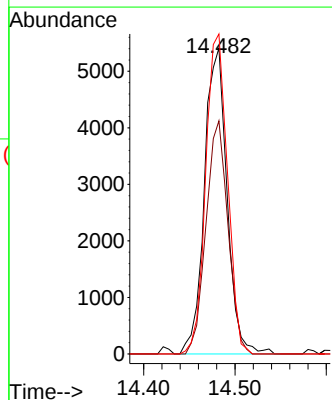
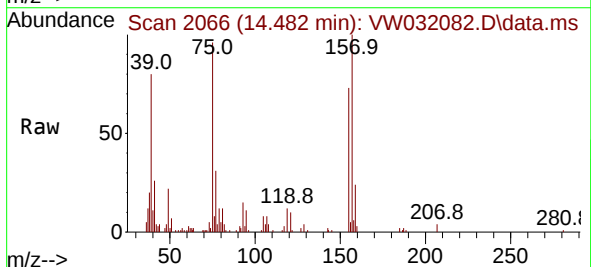
Tgt Ion: 75 Resp: 9291

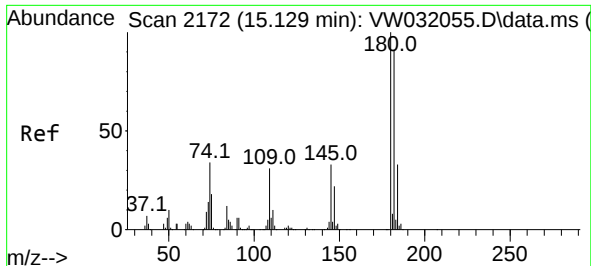
Ion Ratio Lower Upper

75 100

155 74.0 35.2 105.6

157 100.4 47.5 142.6

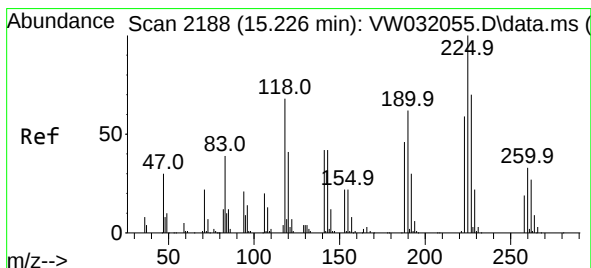
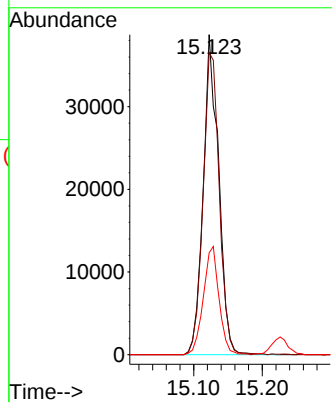
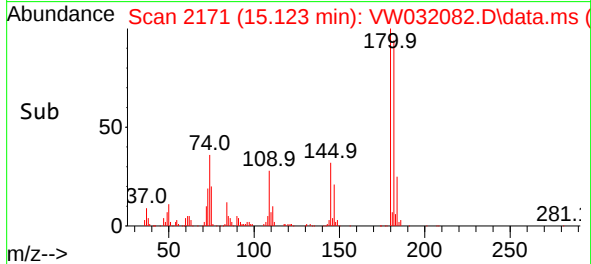
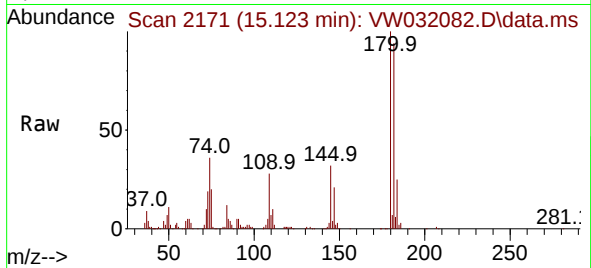




#93
1,2,4-Trichlorobenzene
Concen: 19.423 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

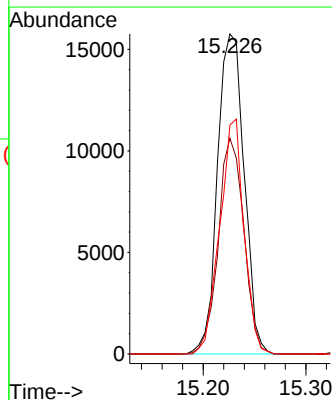
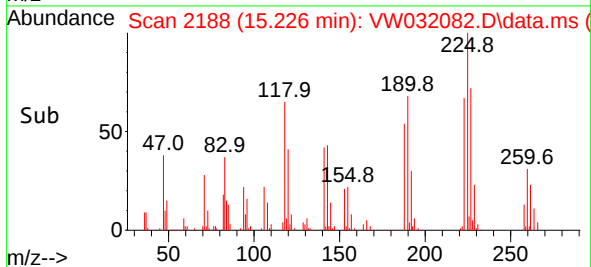
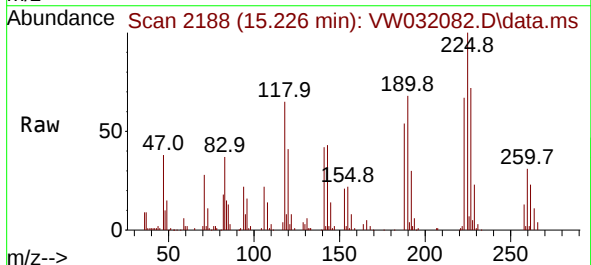
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

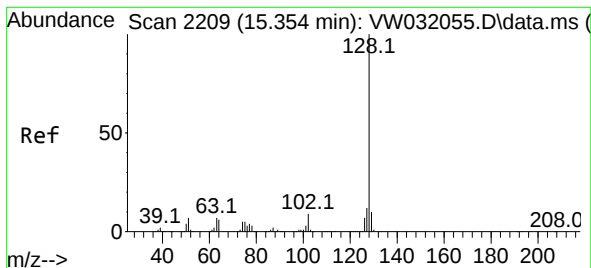
Tgt Ion:180 Resp: 60665
Ion Ratio Lower Upper
180 100
182 99.0 49.0 147.0
145 34.4 17.3 51.9



#94
Hexachlorobutadiene
Concen: 20.310 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032082.D
Acq: 14 Aug 2025 10:27

Tgt Ion:225 Resp: 28357
Ion Ratio Lower Upper
225 100
223 64.8 31.8 95.3
227 66.8 33.5 100.5





#95

Naphthalene

Concen: 17.805 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBS01

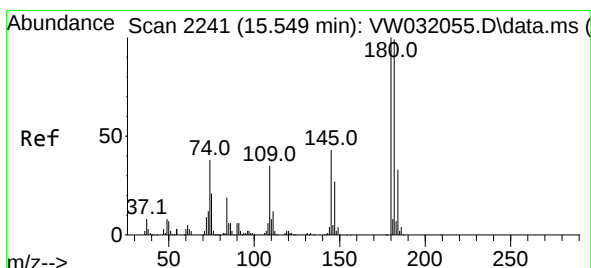
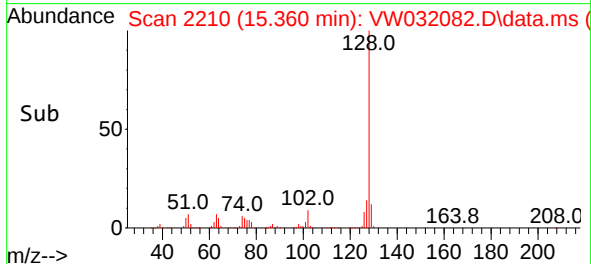
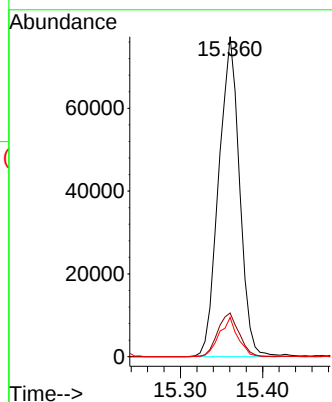
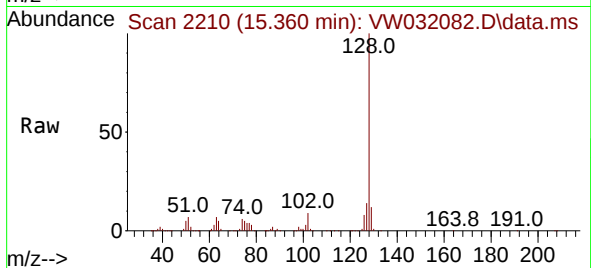
Tgt Ion:128 Resp: 136270

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

129 11.2 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 19.997 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032082.D

Acq: 14 Aug 2025 10:27

Tgt Ion:180 Resp: 56830

Ion Ratio Lower Upper

180 100

182 98.1 46.0 138.0

145 36.4 19.2 57.6

