

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032109.D
 Acq On : 22 Aug 2025 14:22
 Operator : SY/MD
 Sample : VW0822SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Quant Time: Aug 25 03:52:19 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	7.953	168	205288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	335789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176918	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	149860	50.474	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 100.940%	
35) Dibromofluoromethane	7.892	113	118578	51.019	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.040%	
50) Toluene-d8	10.325	98	433450	50.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	12.617	95	156844	49.510	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 99.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	34992	23.832	ug/l	96
3) Chloromethane	2.253	50	36549	18.480	ug/l	97
4) Vinyl Chloride	2.399	62	50270	21.013	ug/l	99
5) Bromomethane	2.820	94	41799	23.289	ug/l	91
6) Chloroethane	2.972	64	33021	20.859	ug/l	93
7) Trichlorofluoromethane	3.302	101	37209	19.415	ug/l	93
8) Diethyl Ether	3.710	74	34461	21.947	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.100	101	53990	23.879	ug/l	99
10) Methyl Iodide	4.301	142	66527	20.752	ug/l	96
11) Tert butyl alcohol	5.216	59	19013	98.894	ug/l #	94
12) 1,1-Dichloroethene	4.076	96	55125	22.142	ug/l	98
13) Acrolein	3.923	56	20312	66.307	ug/l	94
14) Allyl chloride	4.698	41	64004	17.664	ug/l #	87
15) Acrylonitrile	5.393	53	72540	96.995	ug/l	99
16) Acetone	4.155	43	89543	130.262	ug/l	97
17) Carbon Disulfide	4.417	76	121036	18.112	ug/l	98
18) Methyl Acetate	4.704	43	42453	19.517	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	84603	19.287	ug/l	100
20) Methylene Chloride	4.948	84	71877	22.615	ug/l	98
21) trans-1,2-Dichloroethene	5.447	96	51252	19.398	ug/l	96
22) Diisopropyl ether	6.338	45	146579	19.189	ug/l	91
23) Vinyl Acetate	6.277	43	498666	99.431	ug/l	99
24) 1,1-Dichloroethane	6.240	63	94501	19.363	ug/l	99
25) 2-Butanone	7.191	43	101151	103.534	ug/l	95
26) 2,2-Dichloropropane	7.185	77	48414	19.773	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	59833	19.374	ug/l	98
28) Bromochloromethane	7.526	49	44302	19.947	ug/l	96
29) Tetrahydrofuran	7.551	42	62814	97.491	ug/l	99
30) Chloroform	7.691	83	106961	20.673	ug/l	97
31) Cyclohexane	7.965	56	77842	18.397	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	77288	20.565	ug/l	97
36) 1,1-Dichloropropene	8.093	75	69745	21.286	ug/l	99
37) Ethyl Acetate	7.270	43	40740	21.112	ug/l	98
38) Carbon Tetrachloride	8.075	117	71311	22.553	ug/l	98
39) Methylcyclohexane	9.337	83	81837	20.492	ug/l	98
40) Benzene	8.331	78	212449	20.860	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	23274	21.267	ug/l	98
42) 1,2-Dichloroethane	8.410	62	74676	22.914	ug/l	98
43) Isopropyl Acetate	8.435	43	75485	21.261	ug/l	98
44) Trichloroethene	9.099	130	51970	21.427	ug/l	100
45) 1,2-Dichloropropane	9.374	63	51338	20.865	ug/l	98
46) Dibromomethane	9.465	93	36718	23.122	ug/l	99
47) Bromodichloromethane	9.648	83	81369	22.237	ug/l	97
48) Methyl methacrylate	9.441	41	34673	20.229	ug/l #	92
49) 1,4-Dioxane	9.459	88	9062	441.349	ug/l	98
51) 4-Methyl-2-Pentanone	10.215	43	223728	111.644	ug/l	95
52) Toluene	10.386	92	137995	21.511	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	70218	20.482	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	79307	20.391	ug/l #	89
55) 1,1,2-Trichloroethane	10.788	97	46920	22.235	ug/l	94
56) Ethyl methacrylate	10.648	69	55906	19.798	ug/l #	90
57) 1,3-Dichloropropane	10.928	76	77725	21.131	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	155411	99.497	ug/l	97
59) 2-Hexanone	10.971	43	157334	113.364	ug/l	93
60) Dibromochloromethane	11.129	129	54583	22.644	ug/l	99
61) 1,2-Dibromoethane	11.233	107	46138	22.499	ug/l	99
64) Tetrachloroethene	10.867	164	45127	23.267	ug/l	91
65) Chlorobenzene	11.654	112	154558	21.146	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	49555	21.731	ug/l	98
67) Ethyl Benzene	11.727	91	258010	20.840	ug/l	98
68) m/p-Xylenes	11.837	106	204903	42.892	ug/l	100
69) o-Xylene	12.166	106	94012	21.292	ug/l	98
70) Styrene	12.178	104	167404	21.345	ug/l	99
71) Bromoform	12.349	173	29379	22.523	ug/l #	99
73) Isopropylbenzene	12.465	105	233663	18.899	ug/l	99
74) N-amyl acetate	12.269	43	67085	18.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	58260	19.846	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	70239	29.252	ug/l	58
77) Bromobenzene	12.745	156	60471	20.477	ug/l	93
78) n-propylbenzene	12.800	91	305931	20.098	ug/l	100
79) 2-Chlorotoluene	12.885	91	180153	19.176	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	202943	19.334	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.507	75	15563	16.780	ug/l	87
82) 4-Chlorotoluene	12.989	91	190525	19.088	ug/l	96
83) tert-Butylbenzene	13.202	119	171218	19.654	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	210315	19.683	ug/l	98
85) sec-Butylbenzene	13.379	105	249499	18.943	ug/l	100
86) p-Isopropyltoluene	13.495	119	220677	20.098	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	121171	20.621	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	125352	21.110	ug/l	96
89) n-Butylbenzene	13.818	91	209429	19.633	ug/l	99
90) Hexachloroethane	14.086	117	38821	19.333	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	105825	19.881	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10096	19.345	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	64014	20.104	ug/l	96
94) Hexachlorobutadiene	15.232	225	31074	21.831	ug/l	97
95) Naphthalene	15.360	128	146469	18.773	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	60310	20.817	ug/l	94

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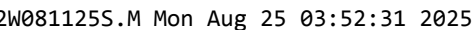
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

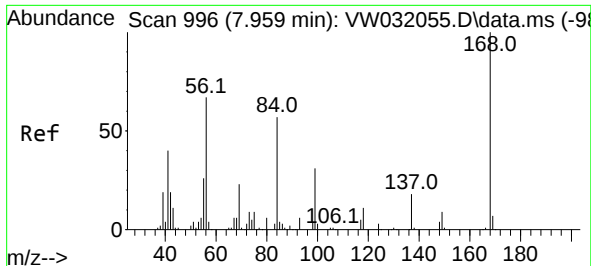
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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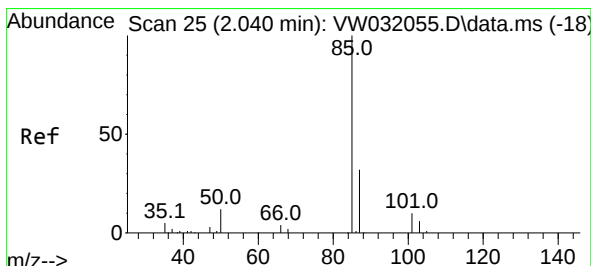
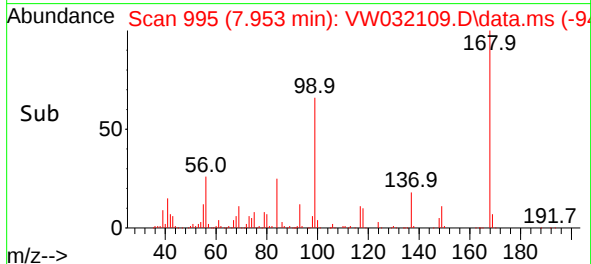
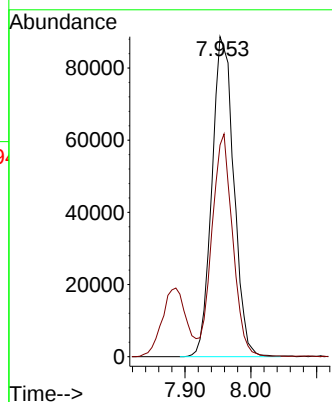
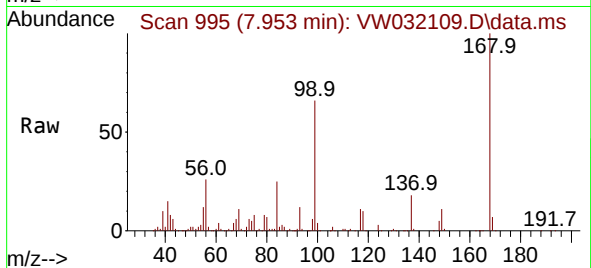




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032109.D
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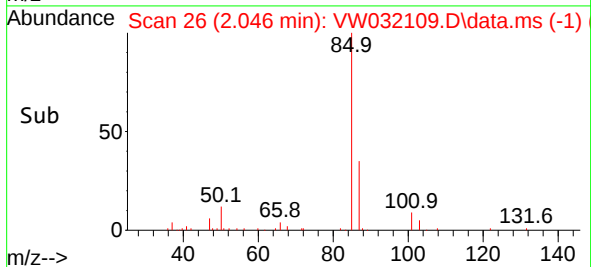
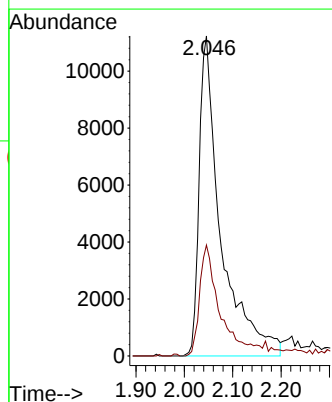
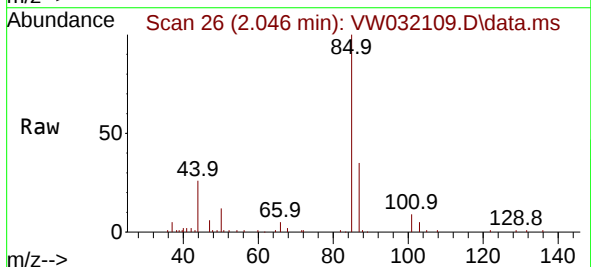
Instrument :
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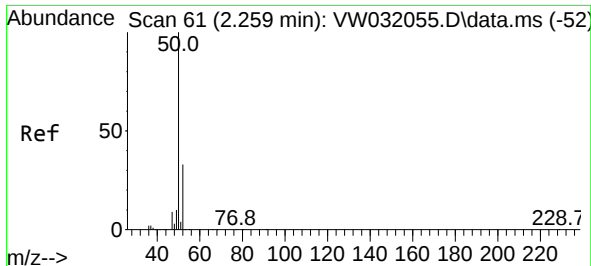
Tgt Ion:168 Resp: 205288
Ion Ratio Lower Upper
168 100
99 65.9 56.0 84.0



#2
Dichlorodifluoromethane
Concen: 23.832 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 85 Resp: 34992
Ion Ratio Lower Upper
85 100
87 34.7 16.2 48.6

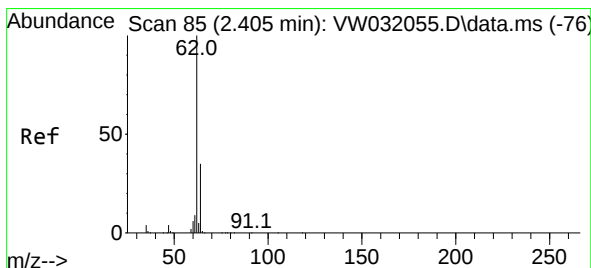
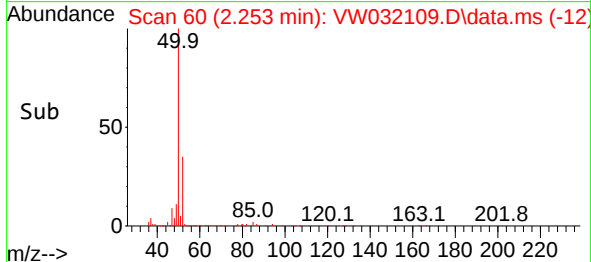
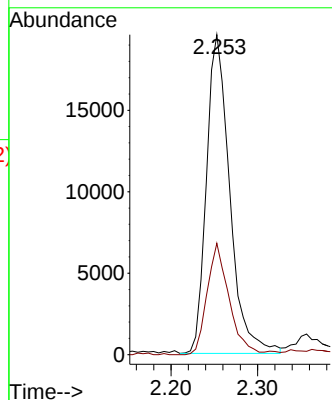
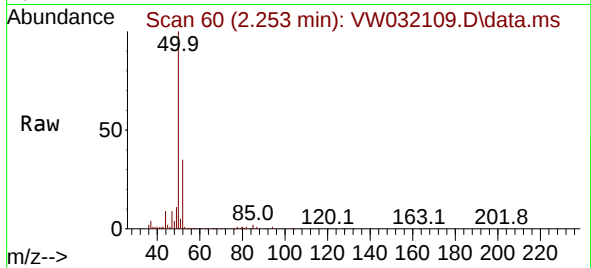




#3
Chloromethane
Concen: 18.480 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

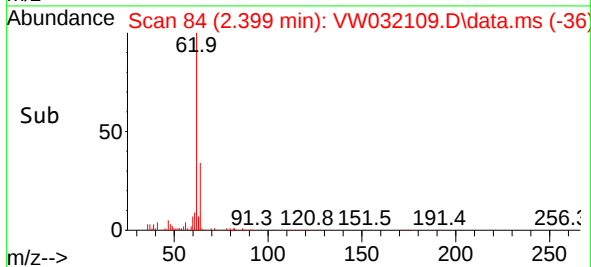
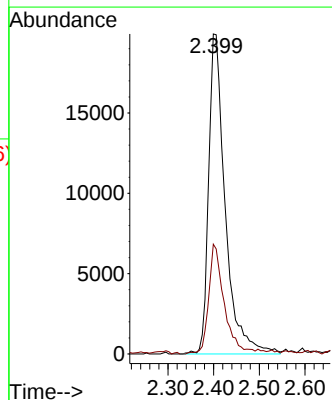
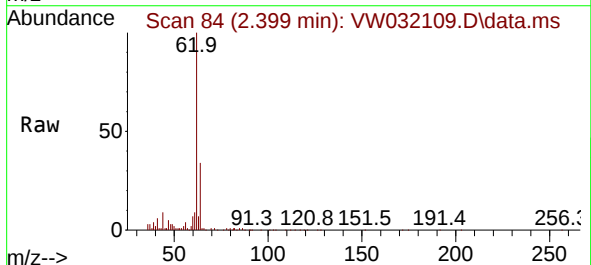
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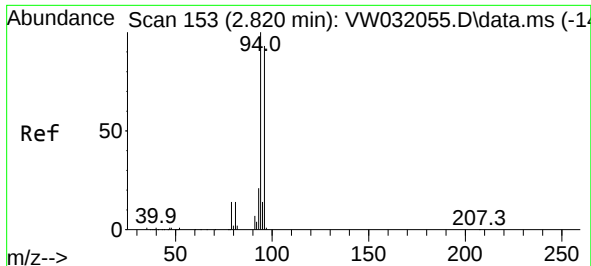
Tgt Ion: 50 Resp: 36549
Ion Ratio Lower Upper
50 100
52 34.9 26.6 39.8



#4
Vinyl Chloride
Concen: 21.013 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 62 Resp: 50270
Ion Ratio Lower Upper
62 100
64 34.3 27.8 41.6

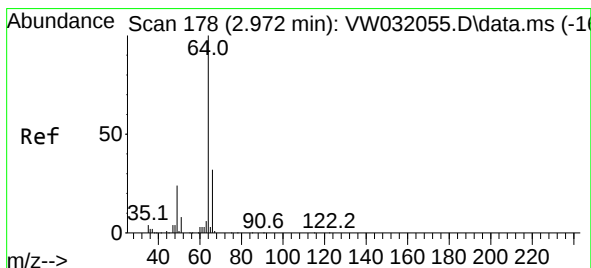
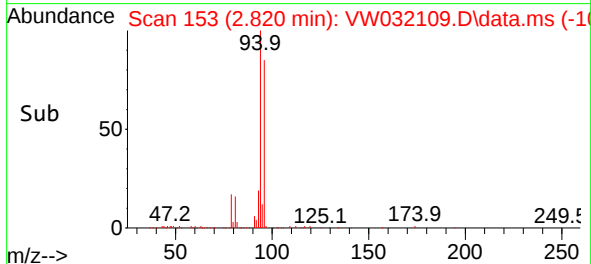
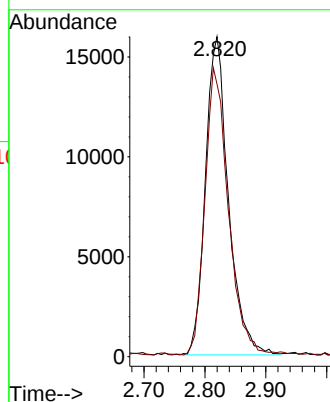
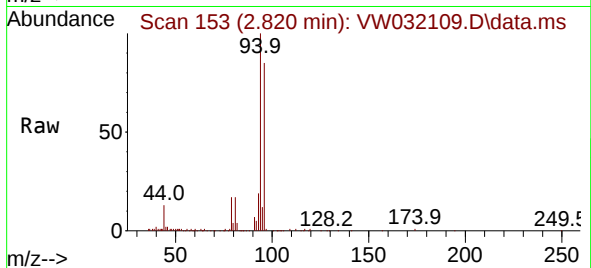




#5
Bromomethane
Concen: 23.289 ug/l
RT: 2.820 min Scan# 153
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

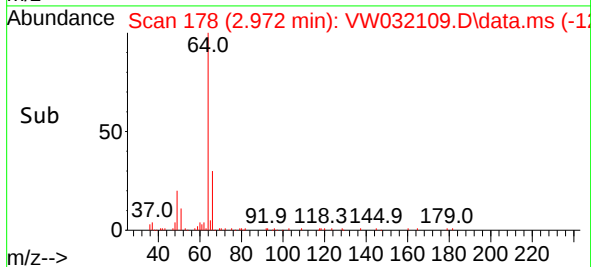
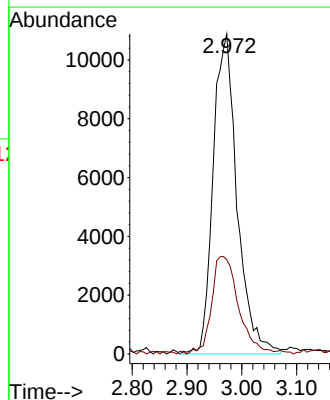
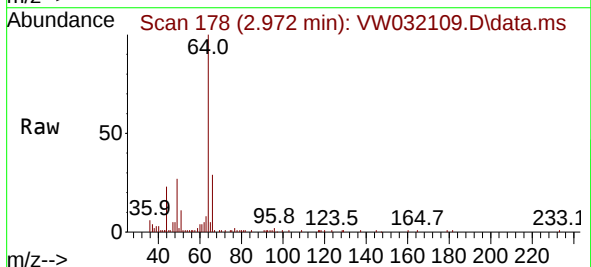
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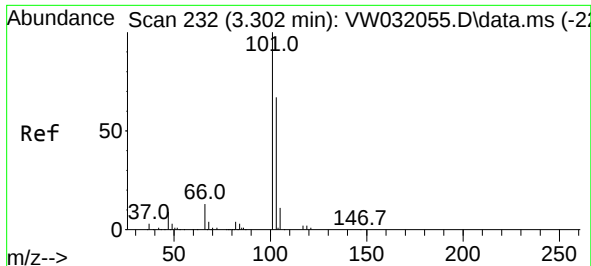
Tgt Ion: 94 Resp: 41799
Ion Ratio Lower Upper
94 100
96 84.9 74.7 112.1



#6
Chloroethane
Concen: 20.859 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 64 Resp: 33021
Ion Ratio Lower Upper
64 100
66 28.6 26.0 39.0

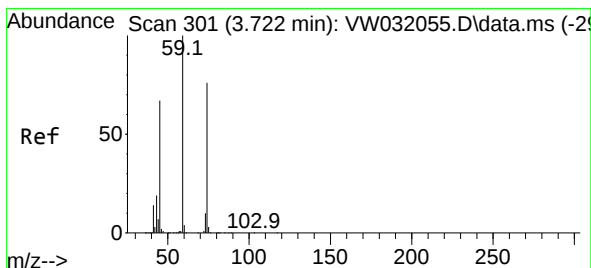
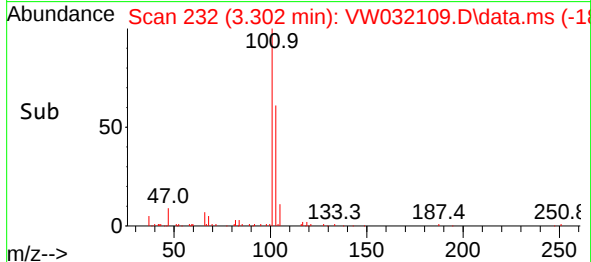
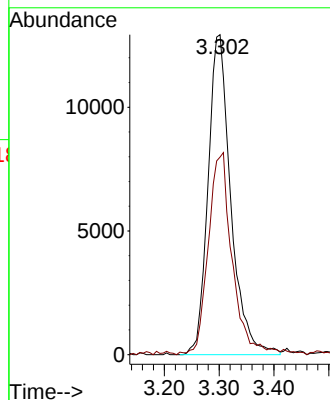
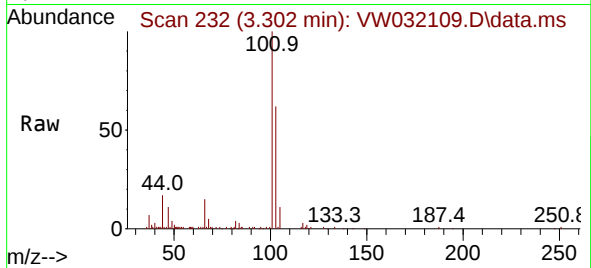




#7
 Trichlorofluoromethane
 Concen: 19.415 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

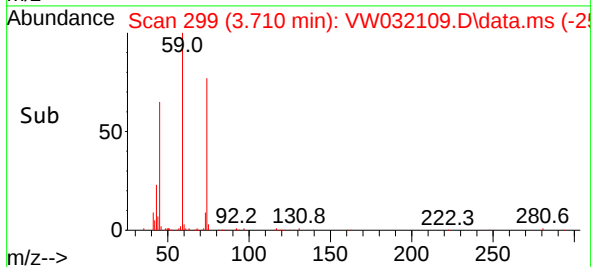
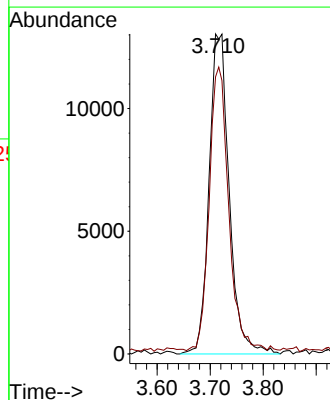
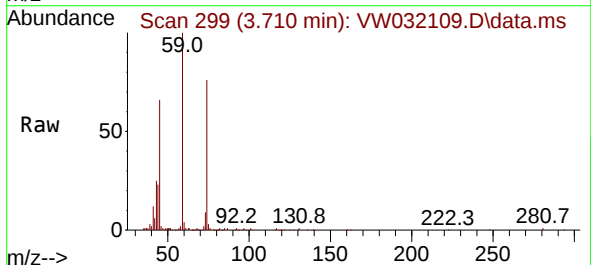
Instrument :
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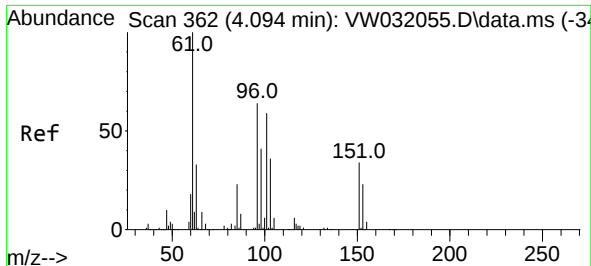
Tgt Ion:101 Resp: 37209
 Ion Ratio Lower Upper
 101 100
 103 61.0 53.4 80.0



#8
 Diethyl Ether
 Concen: 21.947 ug/l
 RT: 3.710 min Scan# 299
 Delta R.T. -0.012 min
 Lab File: VW032109.D
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Tgt Ion: 74 Resp: 34461
 Ion Ratio Lower Upper
 74 100
 45 85.1 45.4 136.2

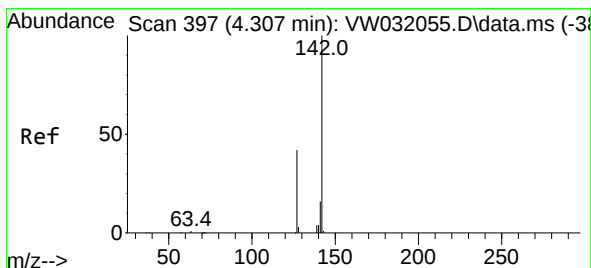
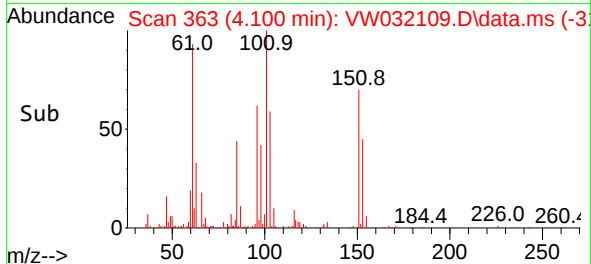
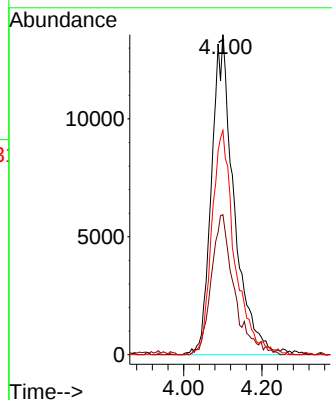
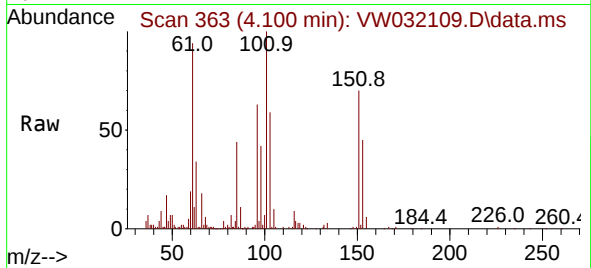




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.879 ug/l
RT: 4.100 min Scan# 362
Delta R.T. 0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

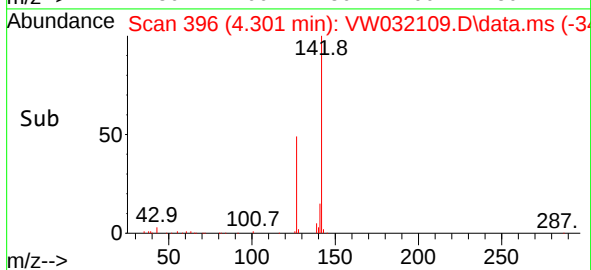
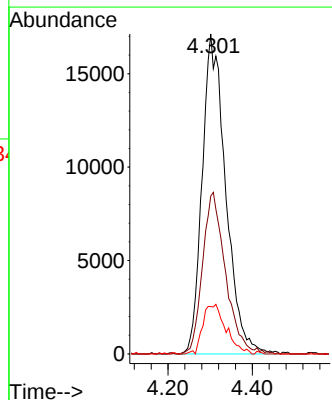
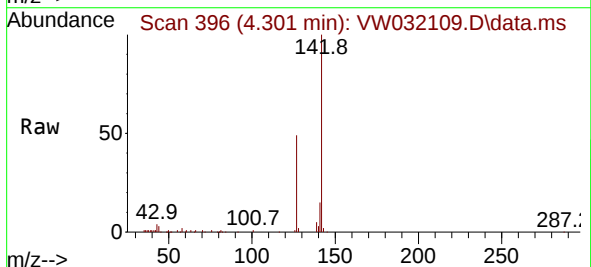
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

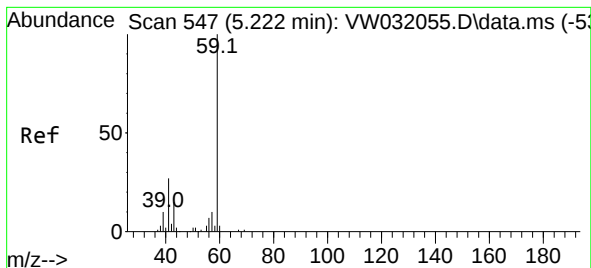
Tgt Ion:101 Resp: 53990
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 70.9 56.2 84.4



#10
Methyl Iodide
Concen: 20.752 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:142 Resp: 66527
Ion Ratio Lower Upper
142 100
127 48.8 36.6 55.0
141 15.2 12.1 18.1





#11

Tert butyl alcohol

Concen: 98.894 ug/l

RT: 5.216 min Scan# 54

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

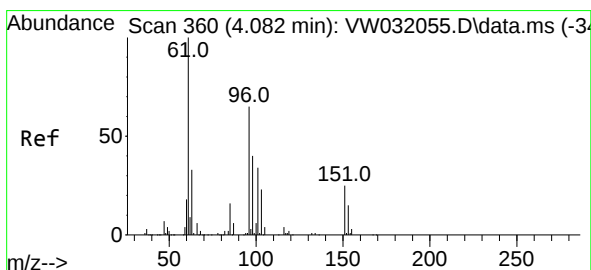
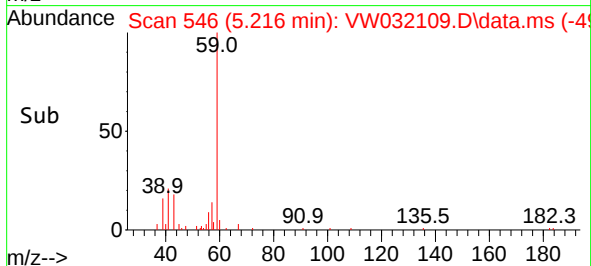
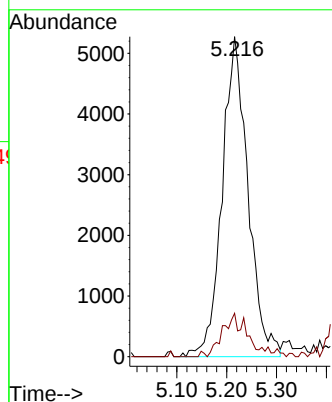
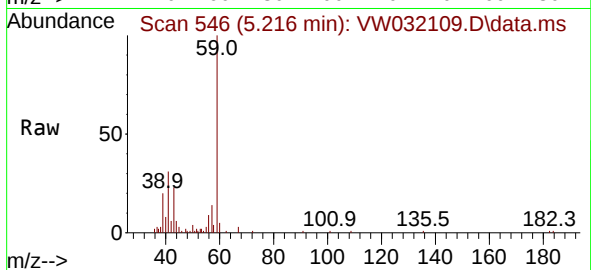
VW0822SBS01

Tgt Ion: 59 Resp: 19013

Ion Ratio Lower Upper

59 100

57 8.4 8.7 13.1#



#12

1,1-Dichloroethene

Concen: 22.142 ug/l

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

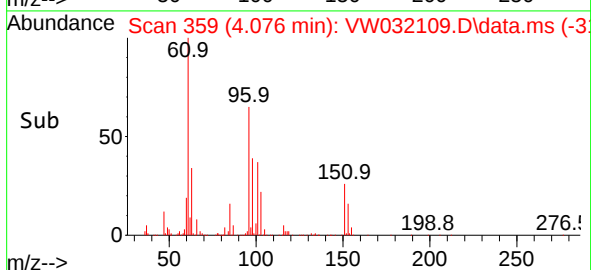
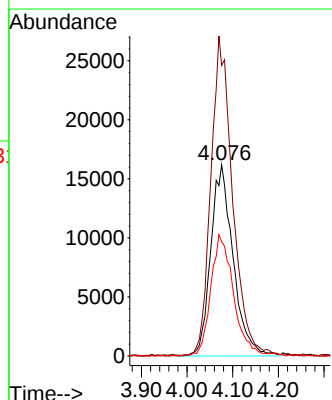
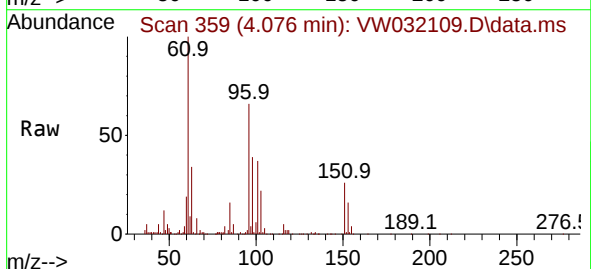
Tgt Ion: 96 Resp: 55125

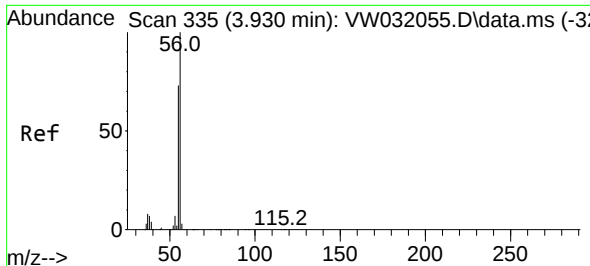
Ion Ratio Lower Upper

96 100

61 151.6 123.4 185.2

98 59.8 49.5 74.3

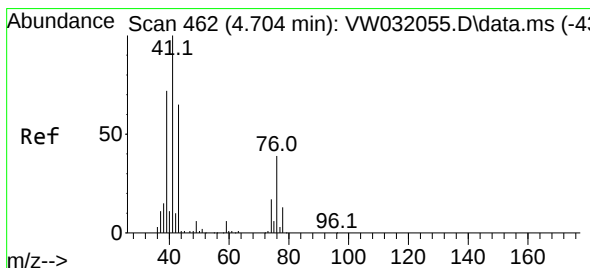
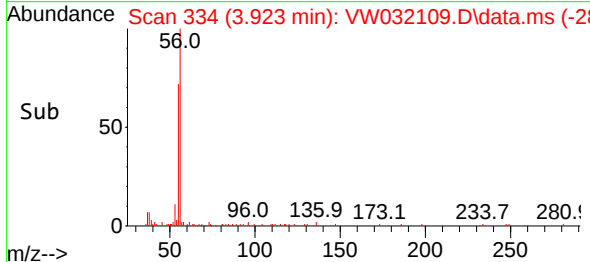
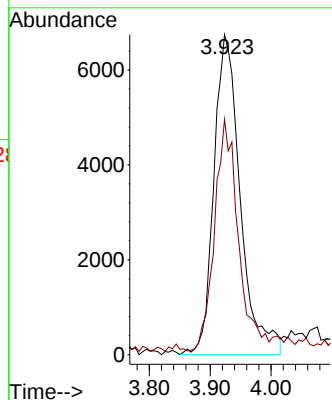
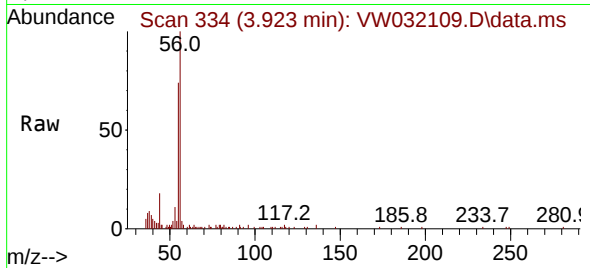




#13
Acrolein
Concen: 66.307 ug/l
RT: 3.923 min Scan# 311
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

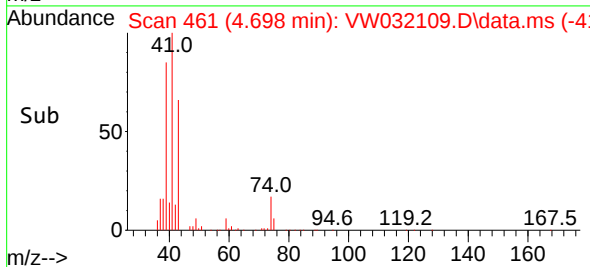
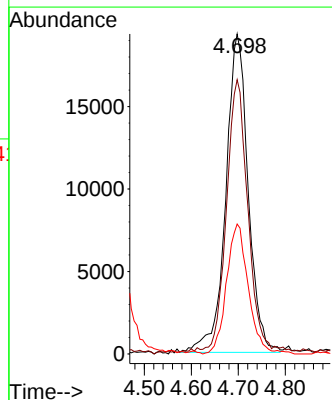
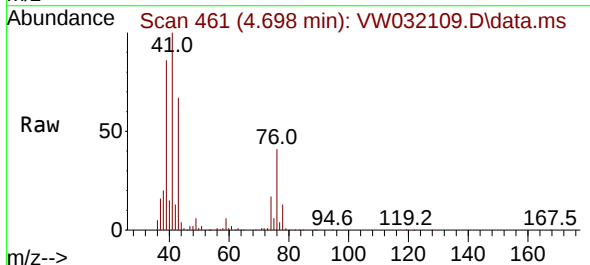
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

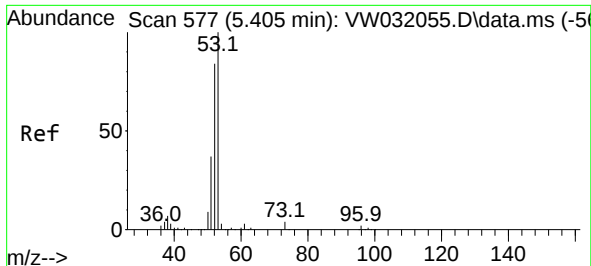
Tgt Ion: 56 Resp: 20312
Ion Ratio Lower Upper
56 100
55 64.7 55.4 83.2



#14
Allyl chloride
Concen: 17.664 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 41 Resp: 64004
Ion Ratio Lower Upper
41 100
39 82.1 54.5 81.7#
76 39.7 29.3 43.9

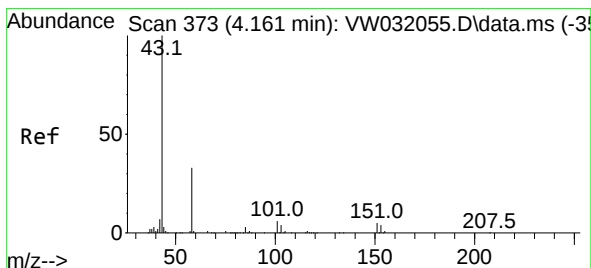
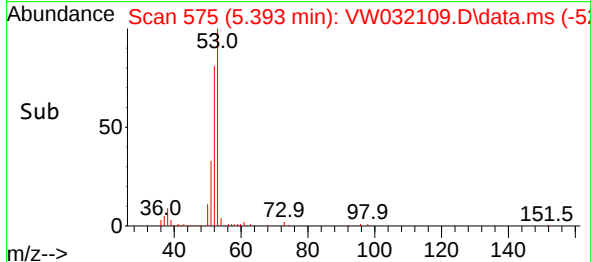
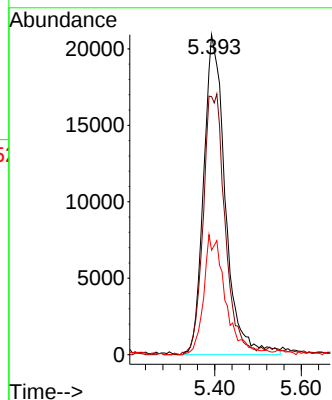
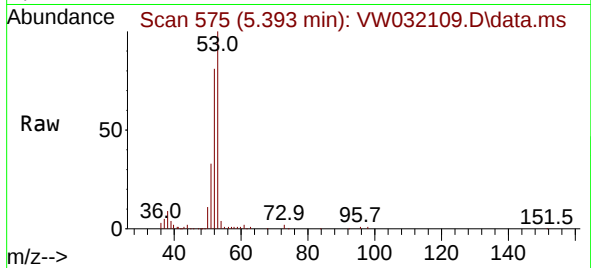




#15
Acrylonitrile
Concen: 96.995 ug/l
RT: 5.393 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

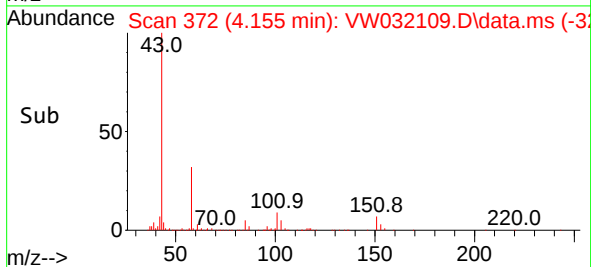
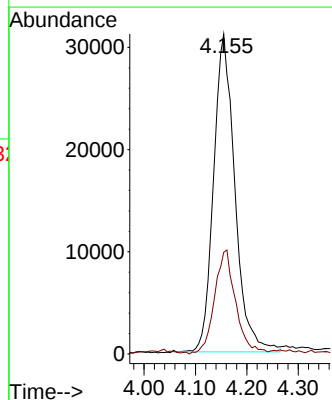
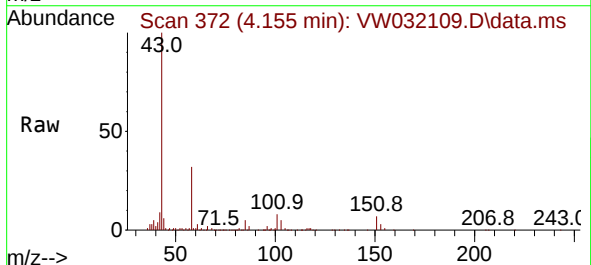
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

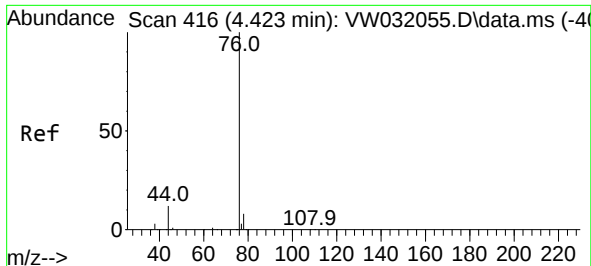
Tgt Ion: 53 Resp: 72540
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 37.8 29.2 43.8



#16
Acetone
Concen: 130.262 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 43 Resp: 89543
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8

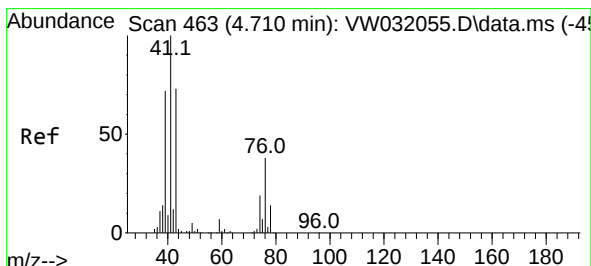
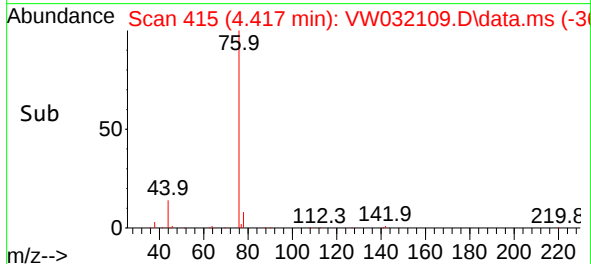
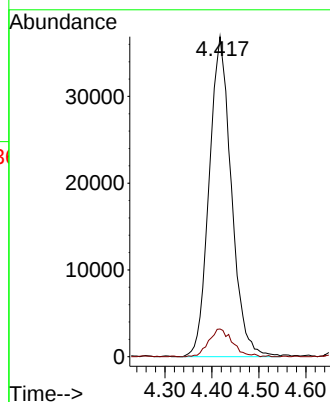
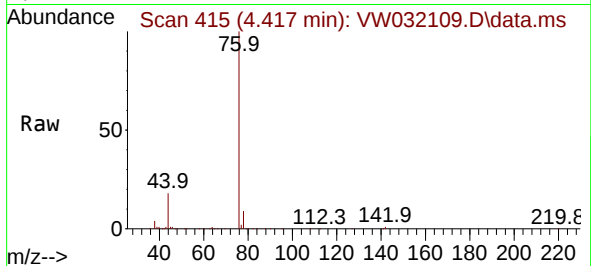




#17
Carbon Disulfide
Concen: 18.112 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

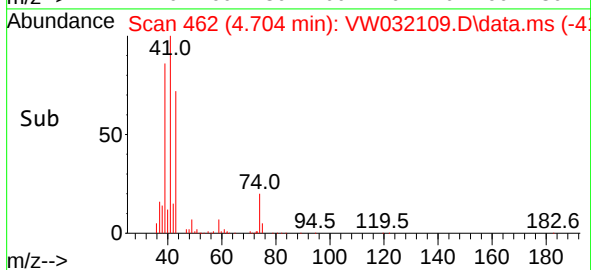
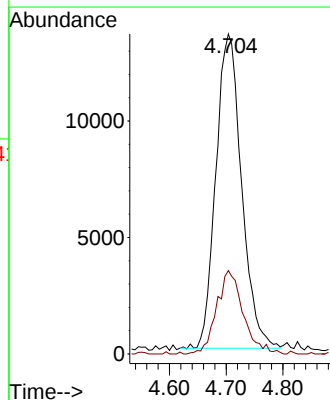
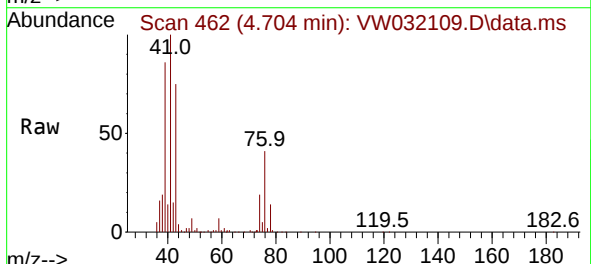
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

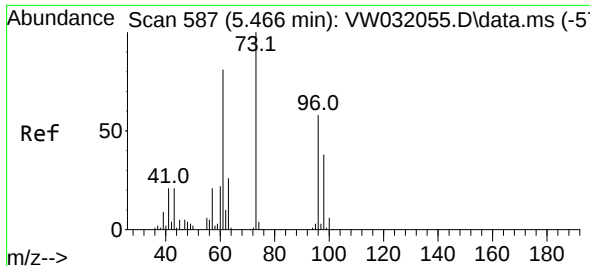
Tgt Ion: 76 Resp: 121036
Ion Ratio Lower Upper
76 100
78 8.6 6.4 9.6



#18
Methyl Acetate
Concen: 19.517 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 43 Resp: 42453
Ion Ratio Lower Upper
43 100
74 27.3 20.6 31.0

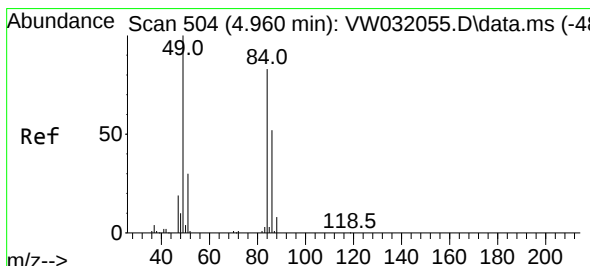
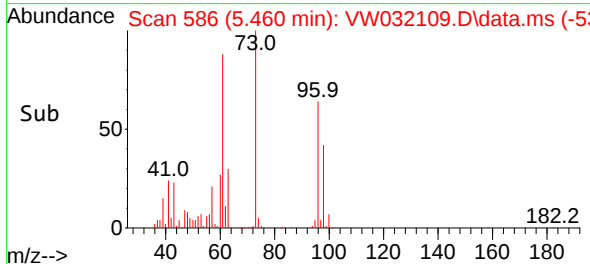
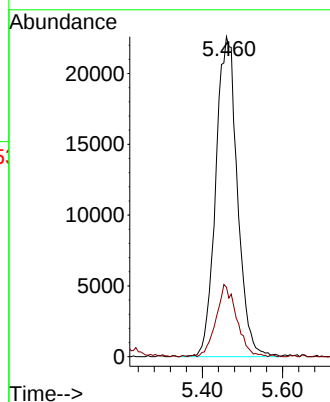
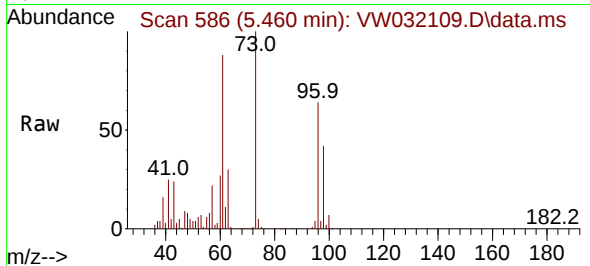




#19
Methyl tert-butyl Ether
Concen: 19.287 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

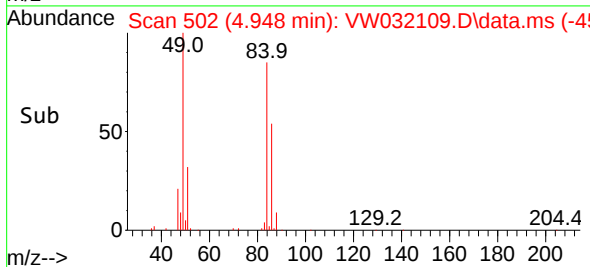
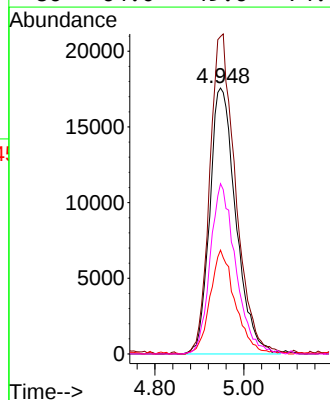
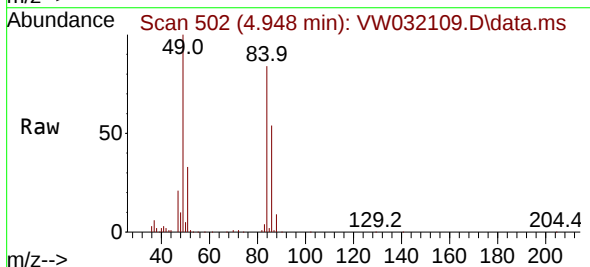
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

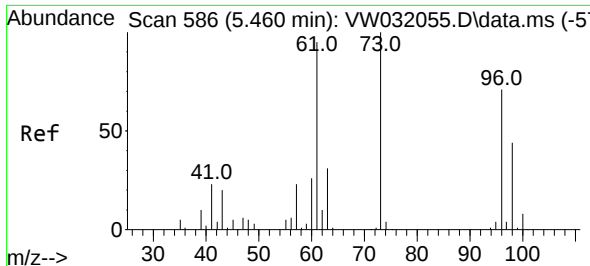
Tgt Ion: 73 Resp: 84603
Ion Ratio Lower Upper
73 100
57 21.7 17.2 25.8



#20
Methylene Chloride
Concen: 22.615 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 84 Resp: 71877
Ion Ratio Lower Upper
84 100
49 119.4 95.9 143.9
51 39.1 28.6 43.0
86 64.0 49.6 74.4

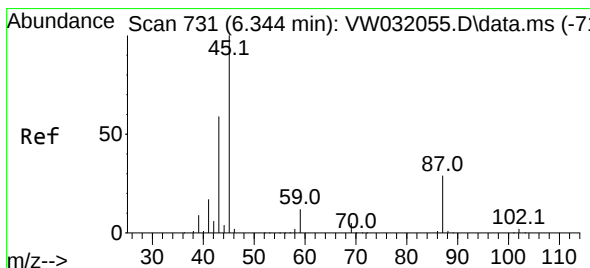
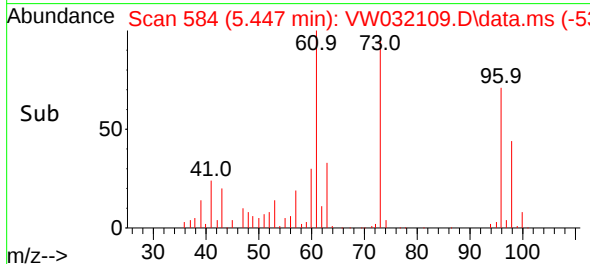
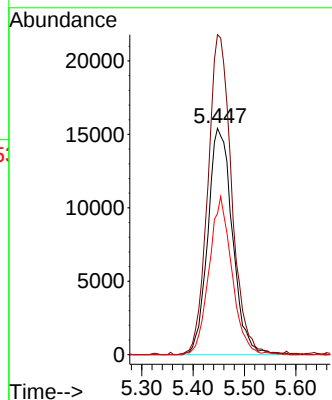
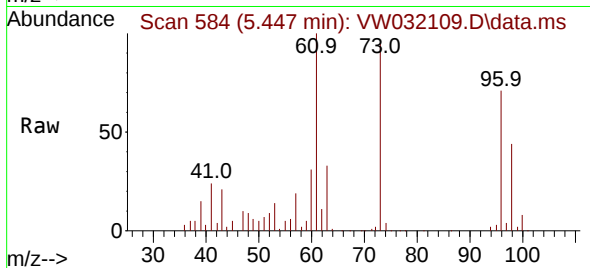




#21
trans-1,2-Dichloroethene
Concen: 19.398 ug/l
RT: 5.447 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

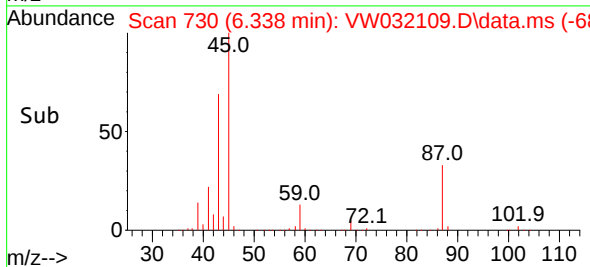
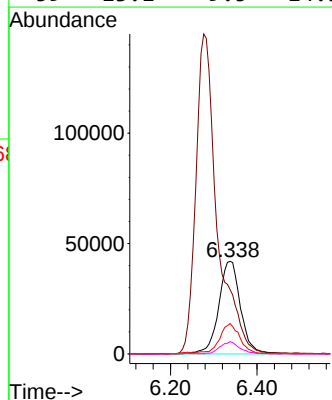
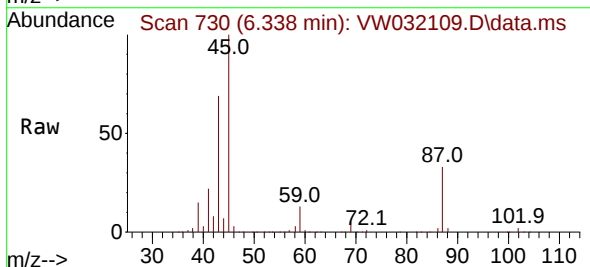
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

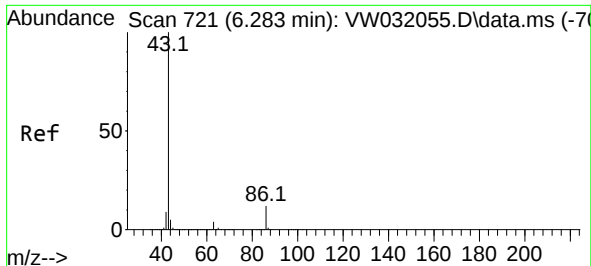
Tgt Ion: 96 Resp: 51252
Ion Ratio Lower Upper
96 100
61 141.0 106.8 160.2
98 62.3 49.6 74.4



#22
Diisopropyl ether
Concen: 19.189 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 45 Resp: 146579
Ion Ratio Lower Upper
45 100
43 68.3 47.0 70.4
87 32.6 23.8 35.8
59 13.1 9.5 14.3

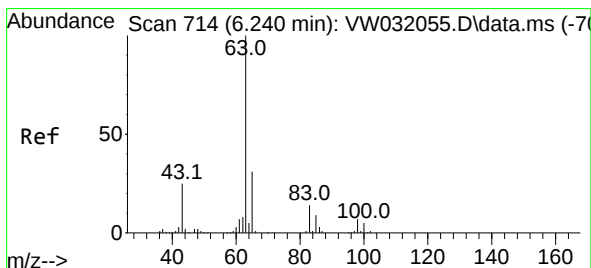
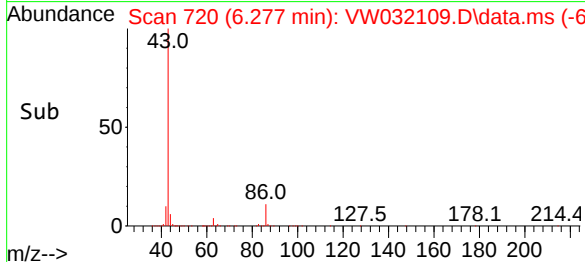
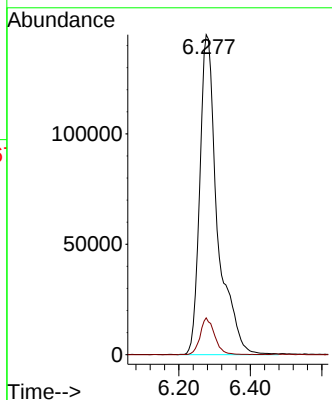
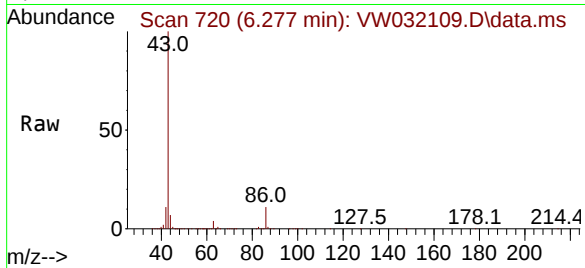




#23
 Vinyl Acetate
 Concen: 99.431 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

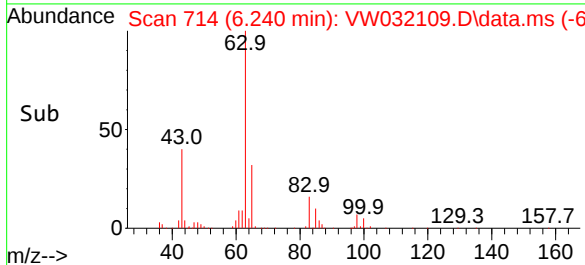
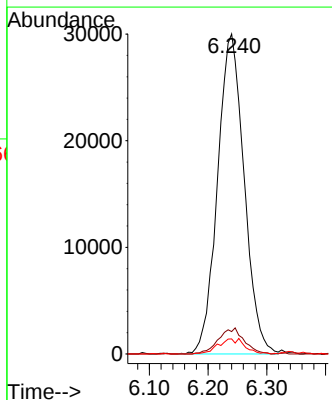
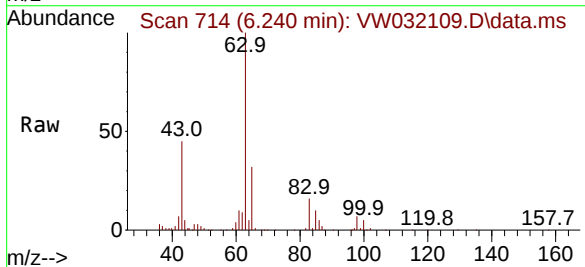
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

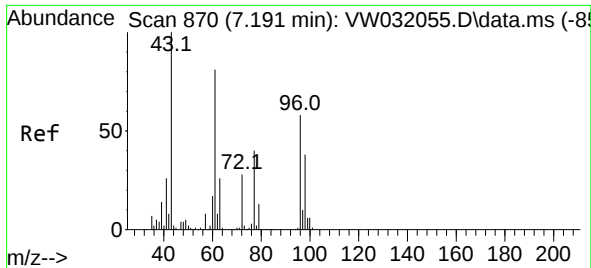
Tgt Ion: 43 Resp: 498666
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.363 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

Tgt Ion: 63 Resp: 94501
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.7 2.5 7.4

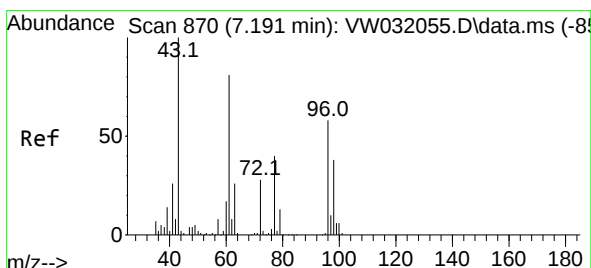
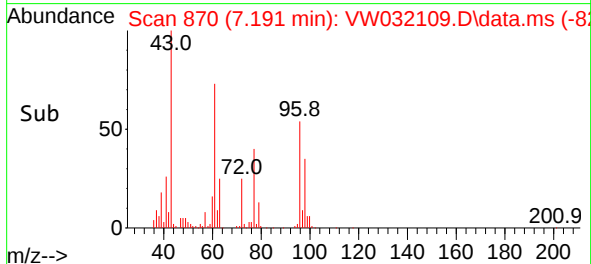
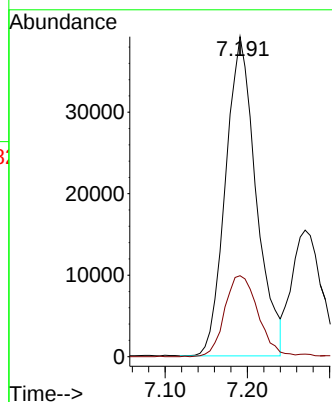
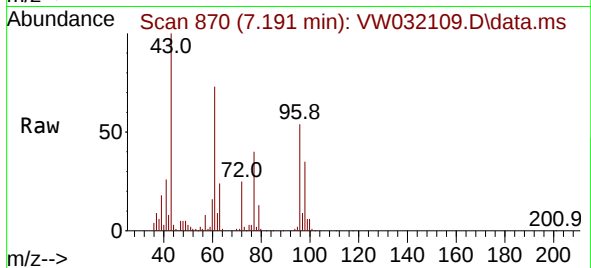




#25
2-Butanone
Concen: 103.534 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

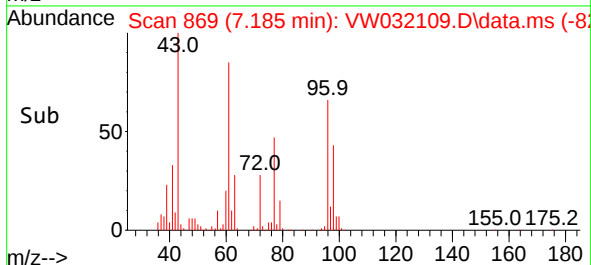
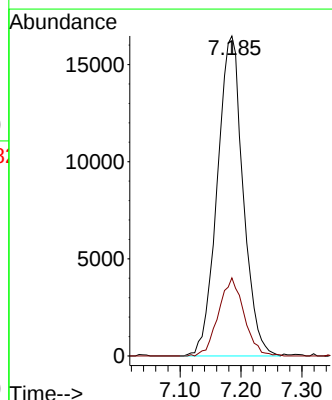
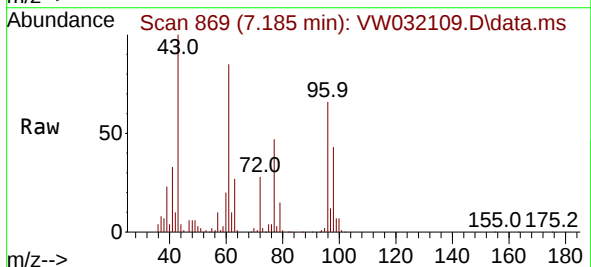
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

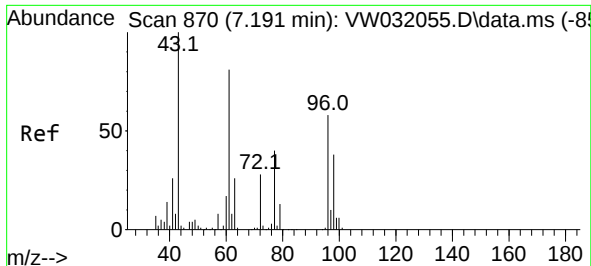
Tgt Ion: 43 Resp: 101151
Ion Ratio Lower Upper
43 100
72 25.4 22.3 33.5



#26
2,2-Dichloropropane
Concen: 19.773 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 77 Resp: 48414
Ion Ratio Lower Upper
77 100
97 24.1 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.374 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

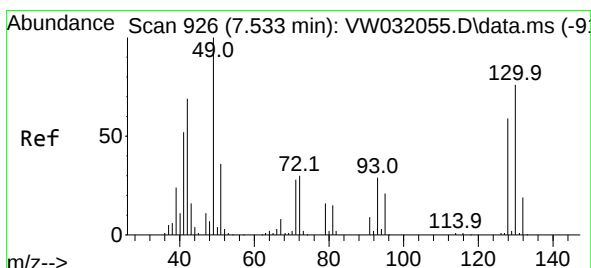
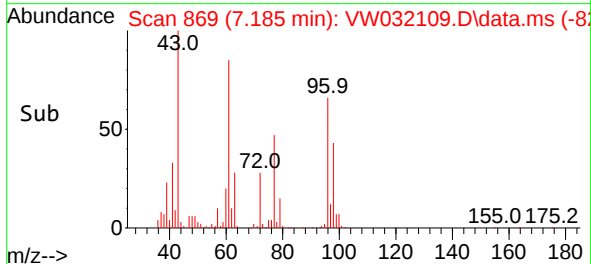
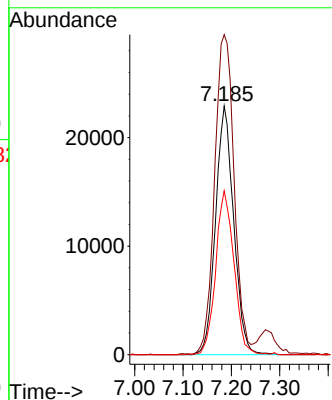
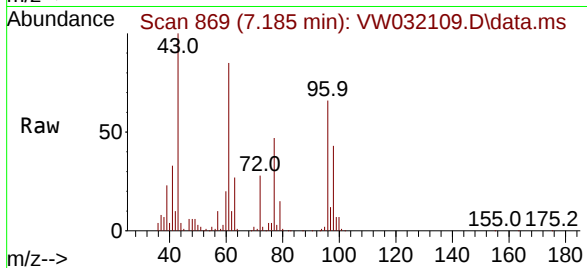
Tgt Ion: 96 Resp: 59833

Ion Ratio Lower Upper

96 100

61 137.8 0.0 281.2

98 66.4 0.0 130.8



#28

Bromochloromethane

Concen: 19.947 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

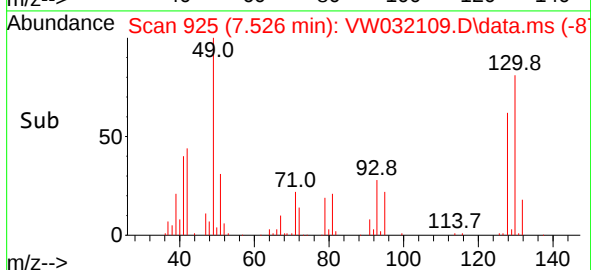
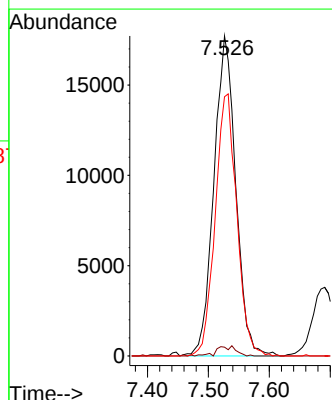
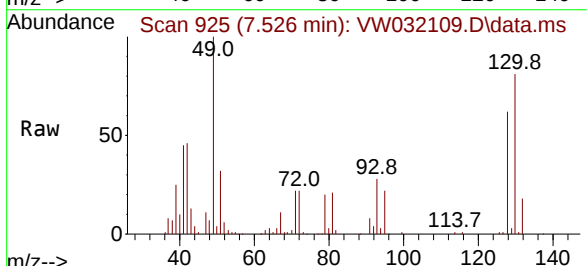
Tgt Ion: 49 Resp: 44302

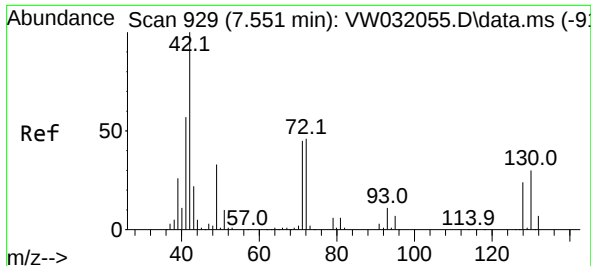
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.2

130 80.8 61.9 92.9





#29

Tetrahydrofuran

Concen: 97.491 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

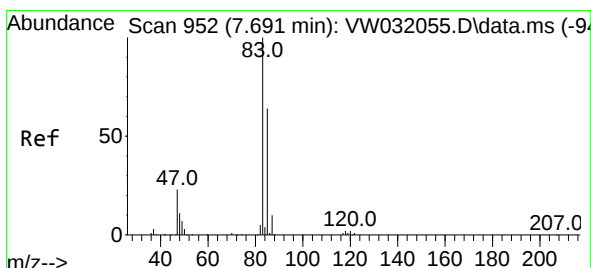
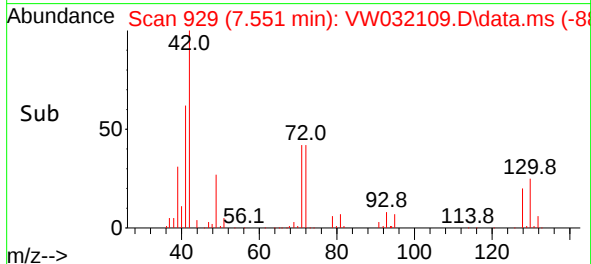
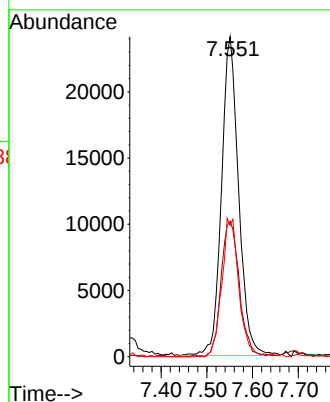
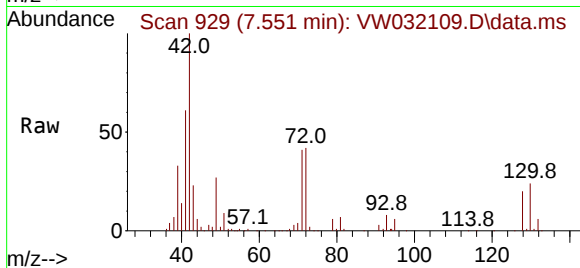
Tgt Ion: 42 Resp: 62814

Ion Ratio Lower Upper

42 100

72 45.3 36.6 55.0

71 43.2 34.7 52.1



#30

Chloroform

Concen: 20.673 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032109.D

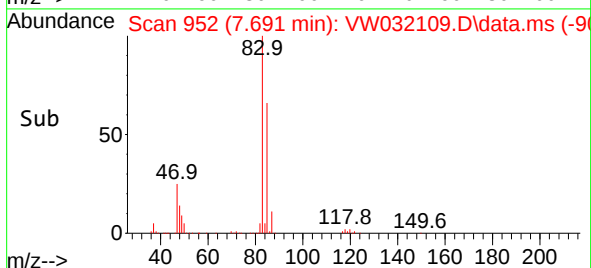
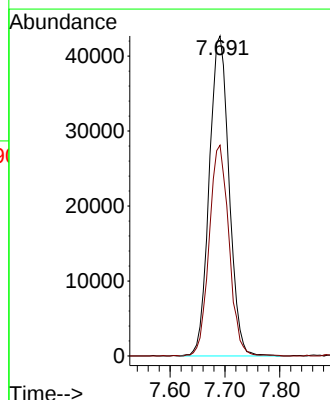
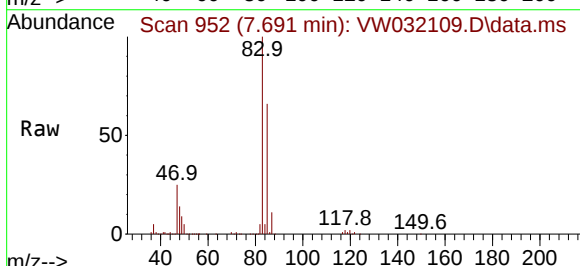
Acq: 22 Aug 2025 14:22

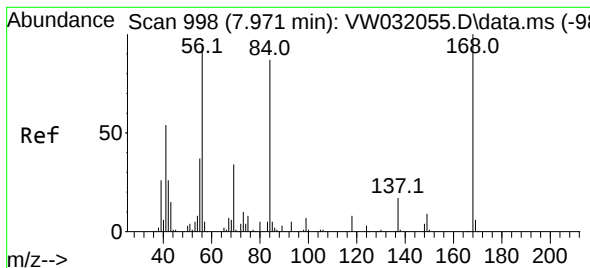
Tgt Ion: 83 Resp: 106961

Ion Ratio Lower Upper

83 100

85 65.9 51.0 76.4





#31

Cyclohexane

Concen: 18.397 ug/l

RT: 7.965 min Scan# 998

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

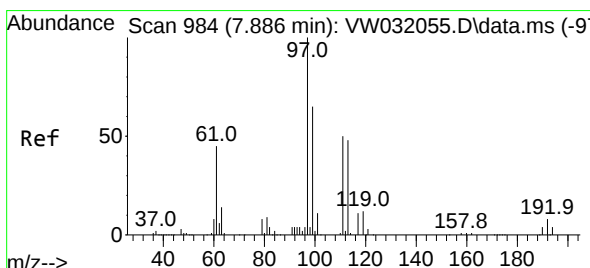
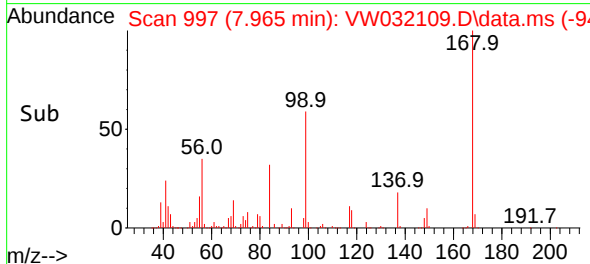
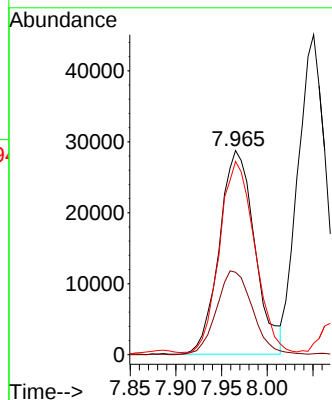
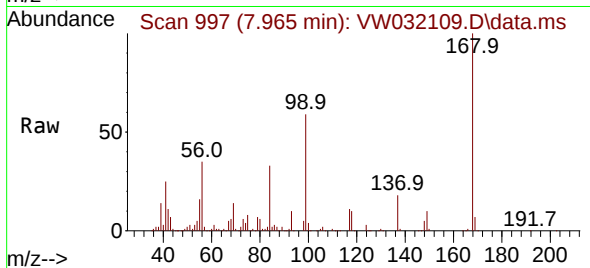
Tgt Ion: 56 Resp: 77842

Ion Ratio Lower Upper

56 100

69 40.2 28.6 42.8

84 93.9 73.0 109.4



#32

1,1,1-Trichloroethane

Concen: 20.565 ug/l

RT: 7.886 min Scan# 984

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

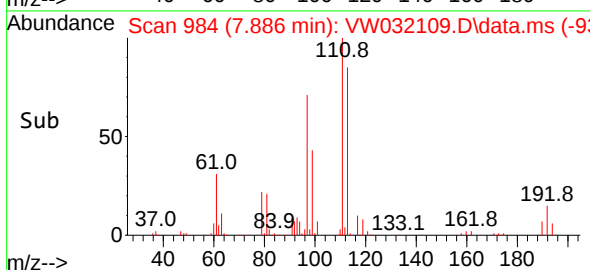
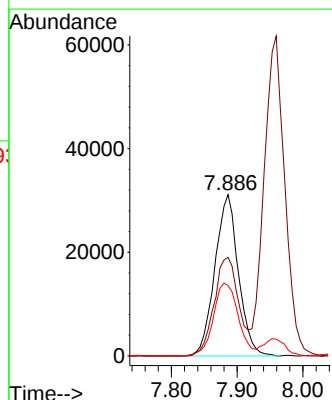
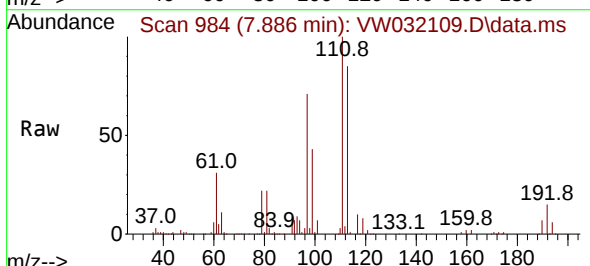
Tgt Ion: 97 Resp: 77288

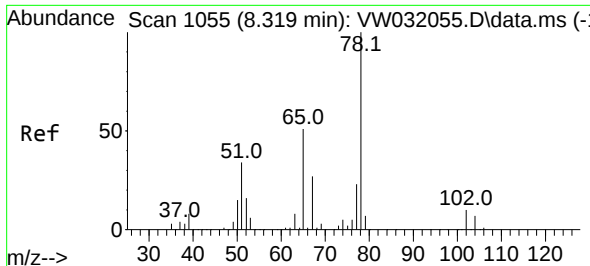
Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.8

61 47.8 35.9 53.9

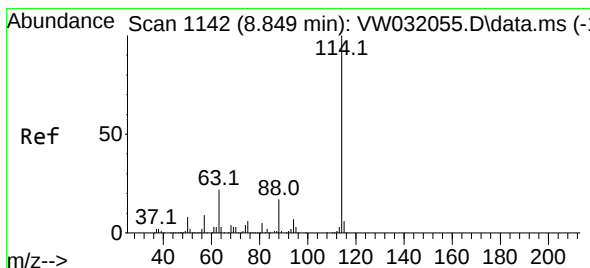
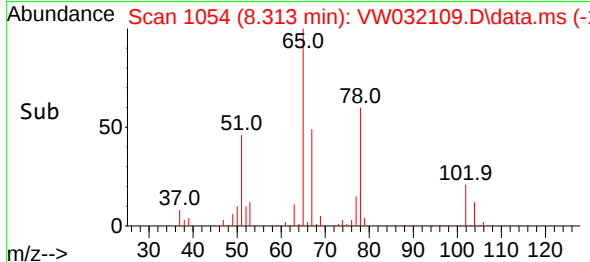
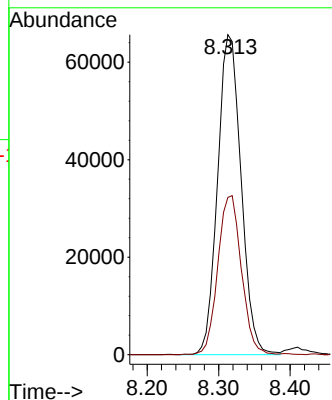
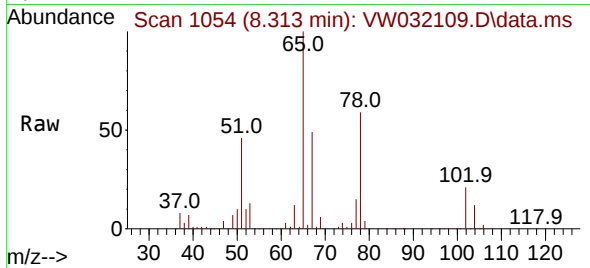




#33
 1,2-Dichloroethane-d4
 Concen: 50.474 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

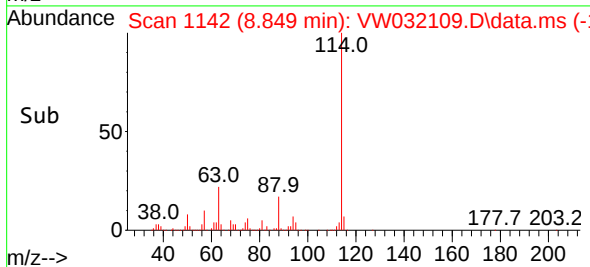
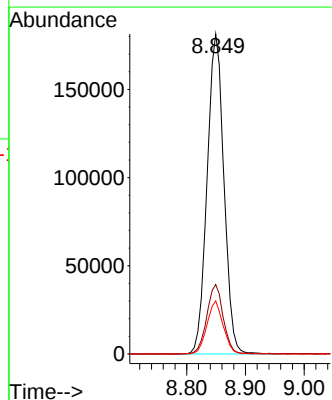
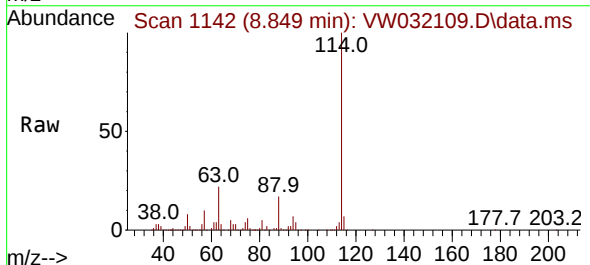
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

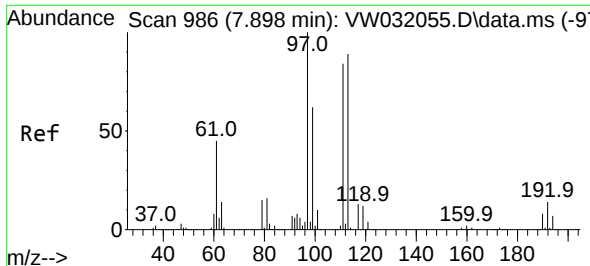
Tgt Ion: 65 Resp: 149860
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

Tgt Ion: 114 Resp: 359763
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 16.6 0.0 33.8

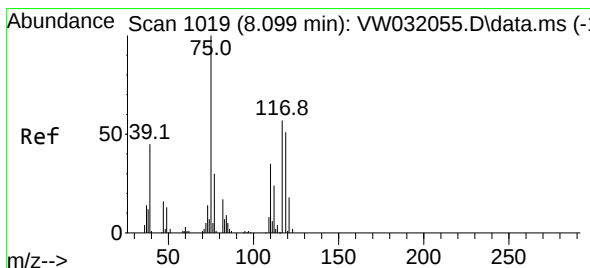
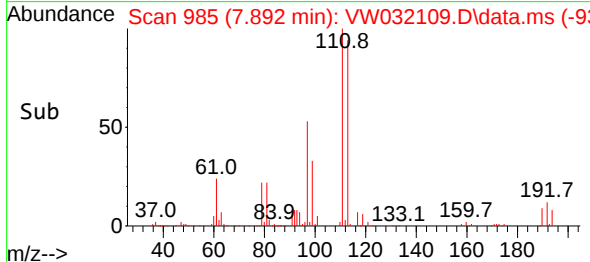
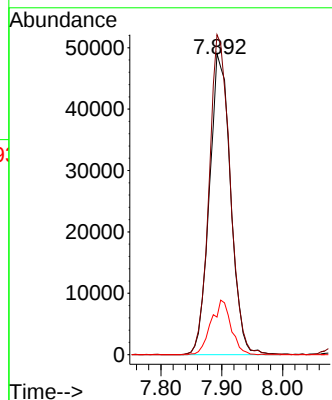
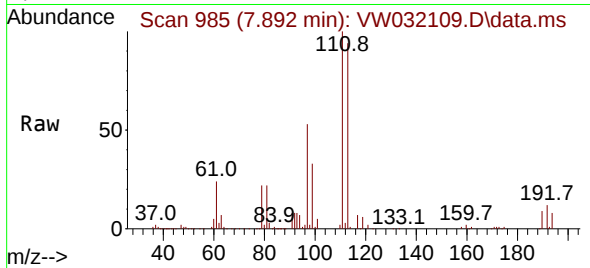




#35
 Dibromofluoromethane
 Concen: 51.019 ug/l
 RT: 7.892 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

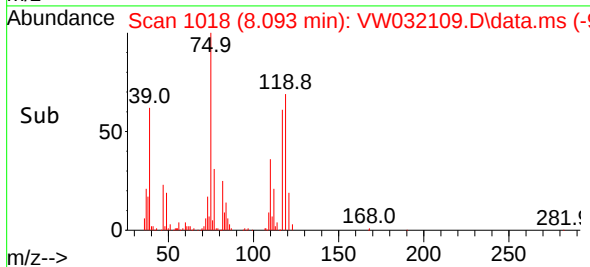
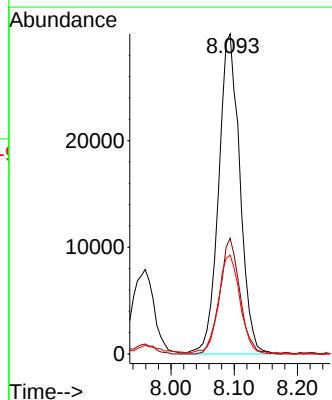
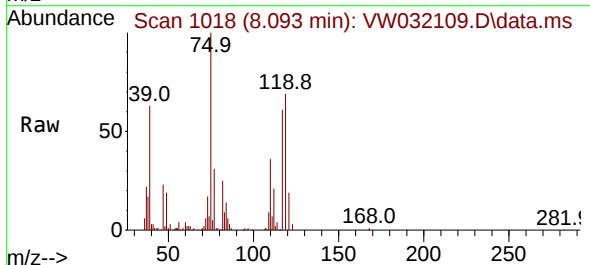
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

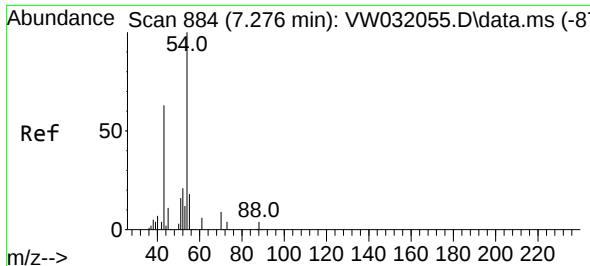
Tgt Ion:113 Resp: 118578
 Ion Ratio Lower Upper
 113 100
 111 105.3 80.1 120.1
 192 17.1 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 21.286 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

Tgt Ion: 75 Resp: 69745
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.4 52.2
 77 31.1 24.7 37.1

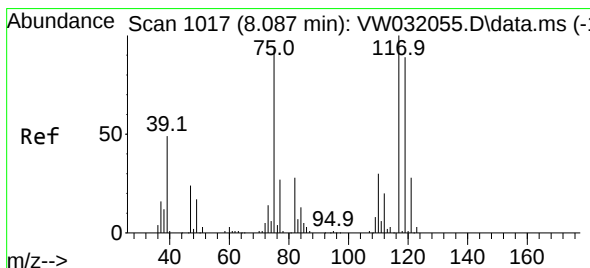
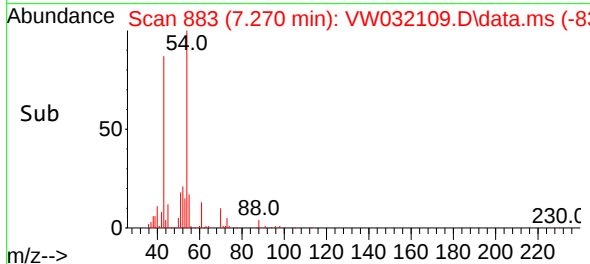
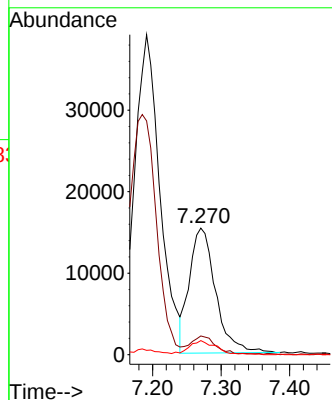
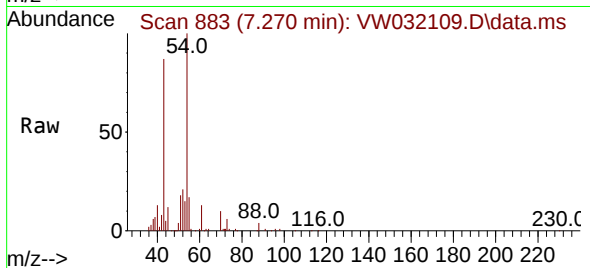




#37
Ethyl Acetate
Concen: 21.112 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

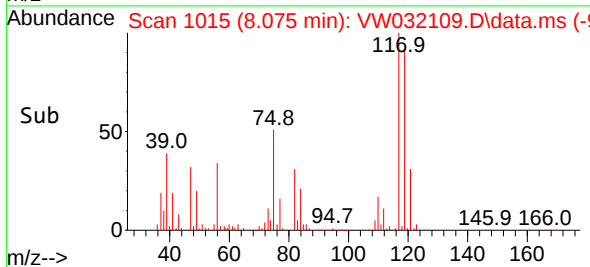
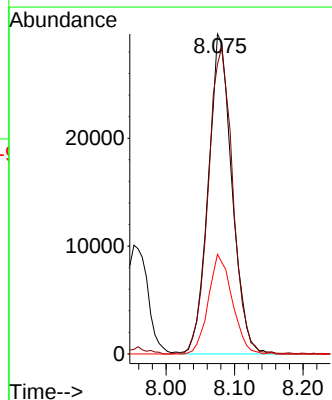
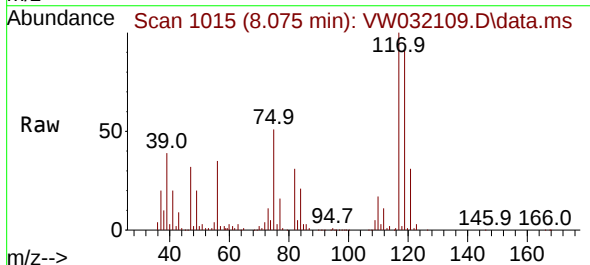
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

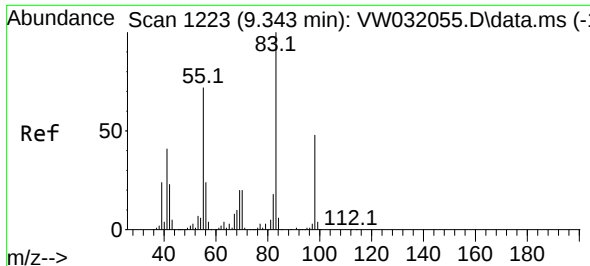
Tgt Ion: 43 Resp: 40740
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 11.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 22.553 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.012 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 117 Resp: 71311
Ion Ratio Lower Upper
117 100
119 90.3 71.4 107.2
121 31.1 22.3 33.5





#39

Methylcyclohexane

Concen: 20.492 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

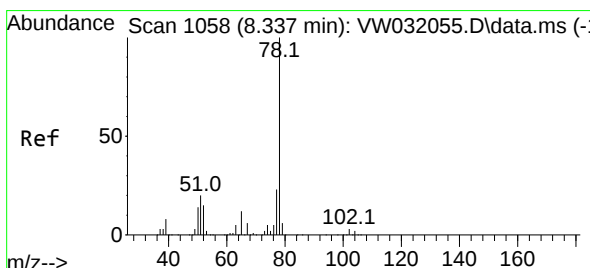
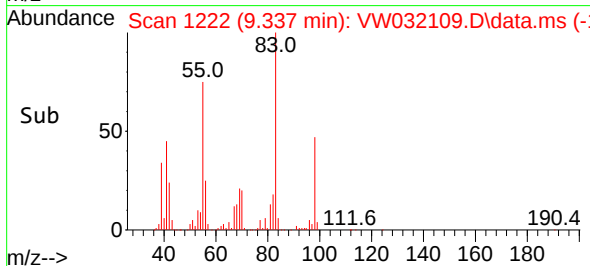
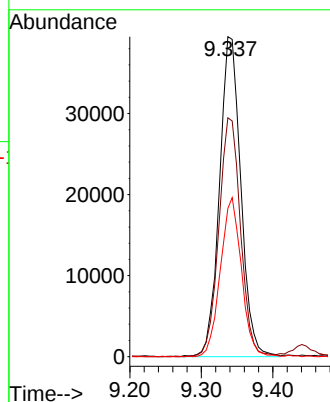
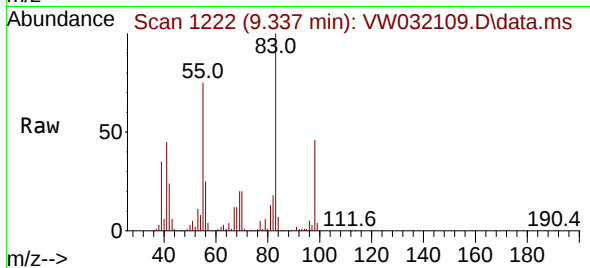
Tgt Ion: 83 Resp: 81837

Ion Ratio Lower Upper

83 100

55 74.5 57.9 86.9

98 46.3 38.3 57.5



#40

Benzene

Concen: 20.860 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032109.D

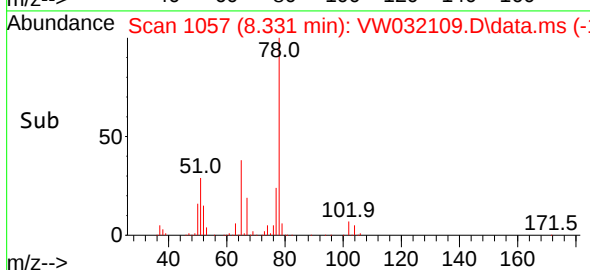
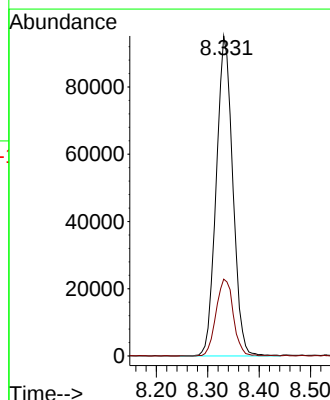
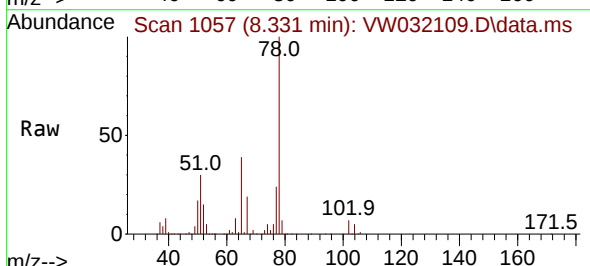
Acq: 22 Aug 2025 14:22

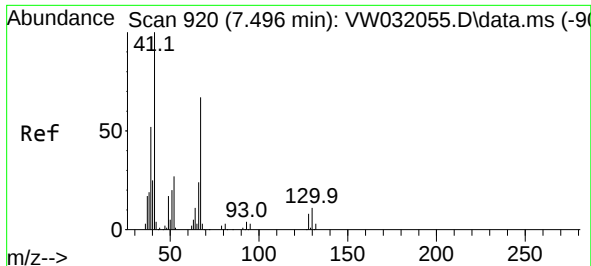
Tgt Ion: 78 Resp: 212449

Ion Ratio Lower Upper

78 100

77 24.0 18.4 27.6

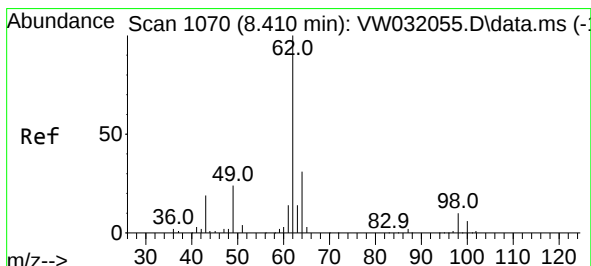
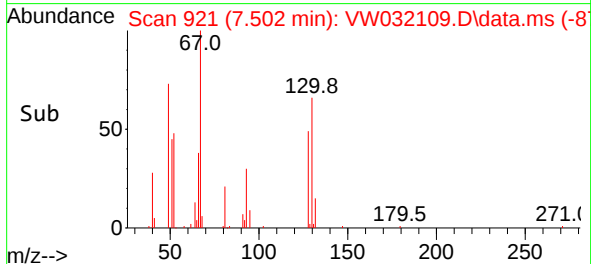
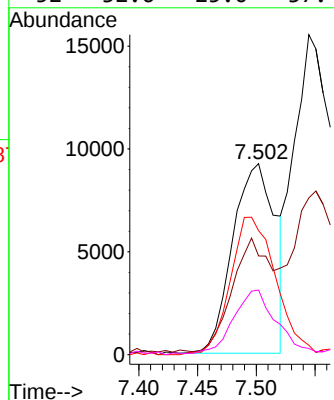
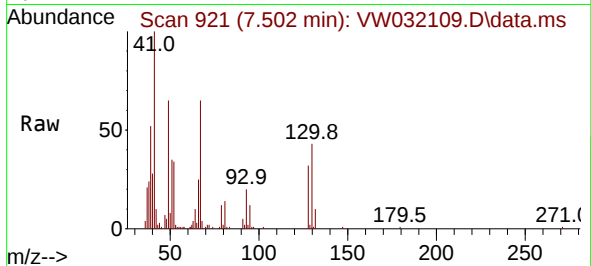




#41
Methacrylonitrile
Concen: 21.267 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

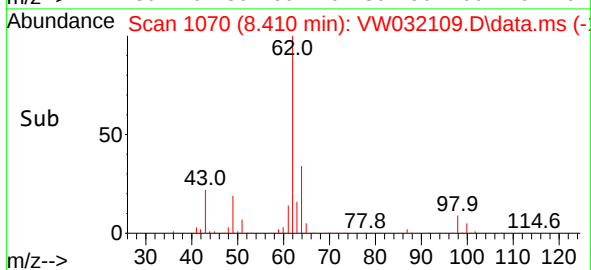
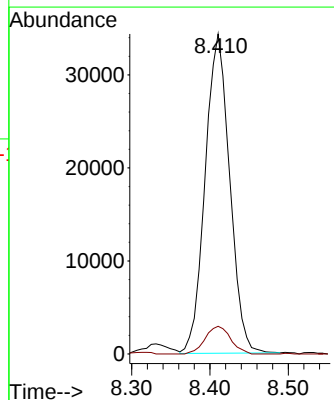
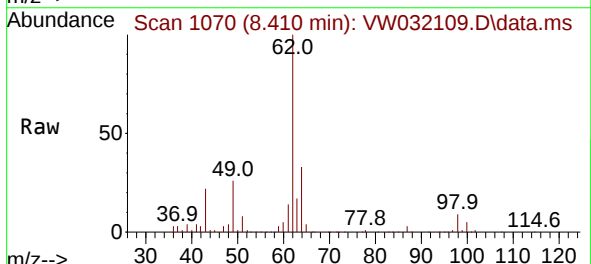
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

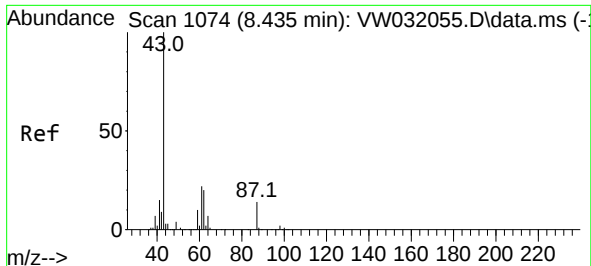
Tgt Ion: 41	Resp: 23274
Ion Ratio	Lower Upper
41 100	
39 52.1	42.6 63.8
67 78.1	61.0 91.4
52 32.6	25.0 37.4



#42
1,2-Dichloroethane
Concen: 22.914 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 62	Resp: 74676
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8

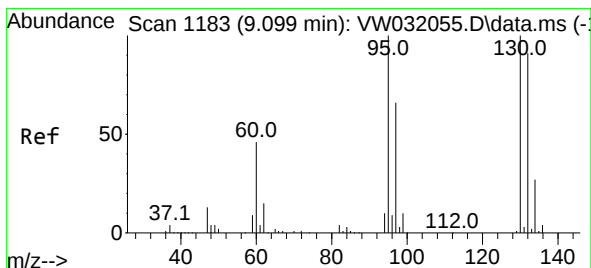
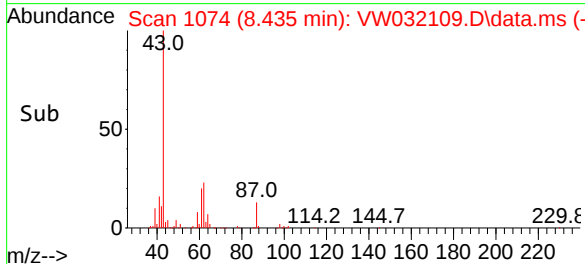
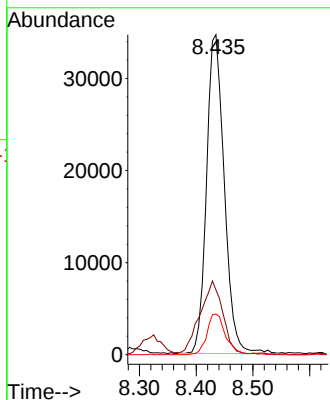
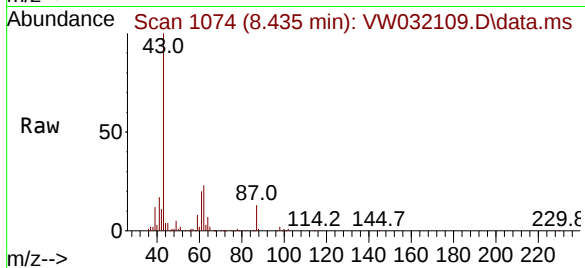




#43
Isopropyl Acetate
Concen: 21.261 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

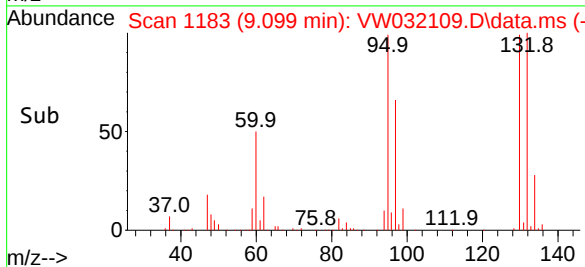
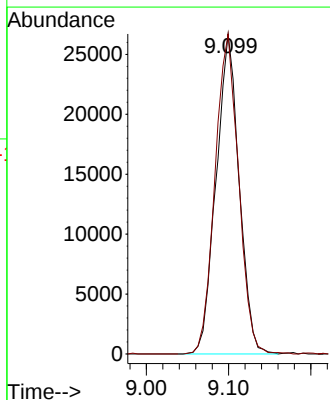
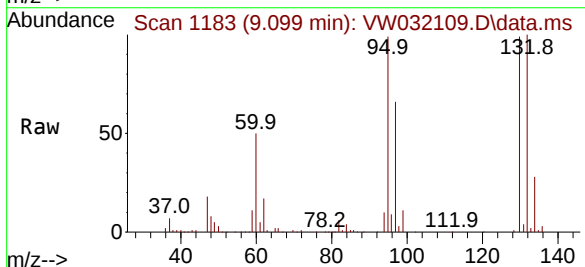
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

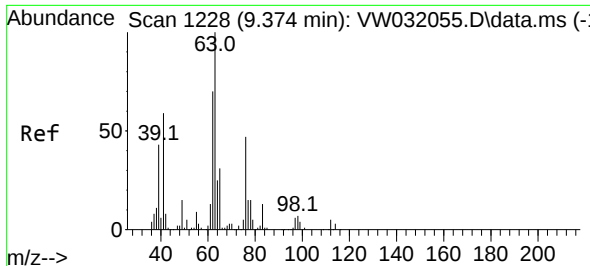
Tgt Ion: 43 Resp: 75485
Ion Ratio Lower Upper
43 100
61 29.0 23.8 35.8
87 13.2 11.7 17.5



#44
Trichloroethene
Concen: 21.427 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:130 Resp: 51970
Ion Ratio Lower Upper
130 100
95 100.0 0.0 200.6

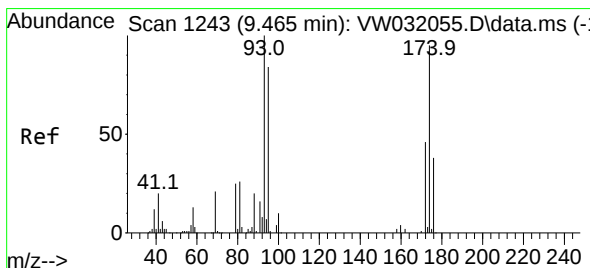
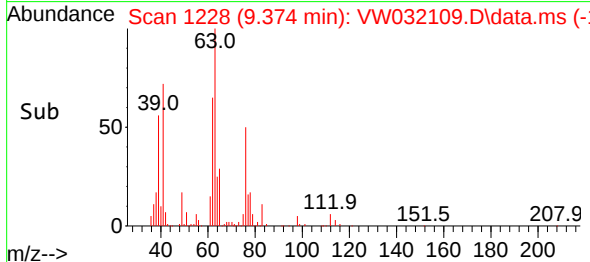
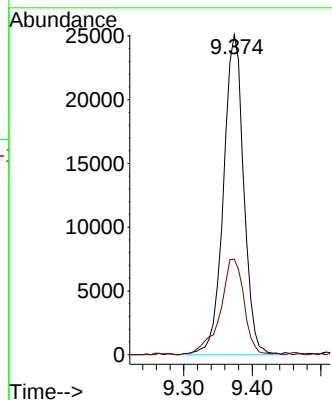
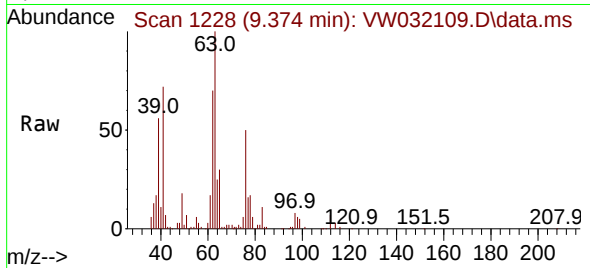




#45
1,2-Dichloropropane
Concen: 20.865 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

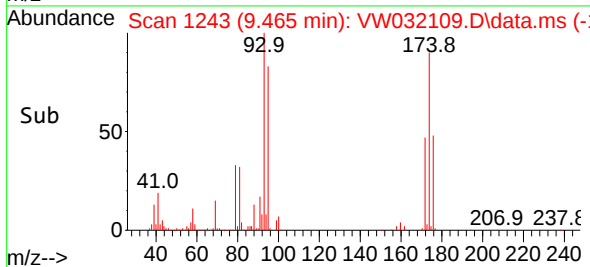
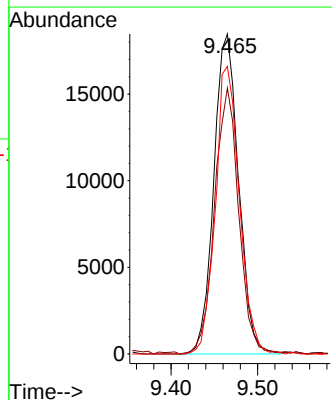
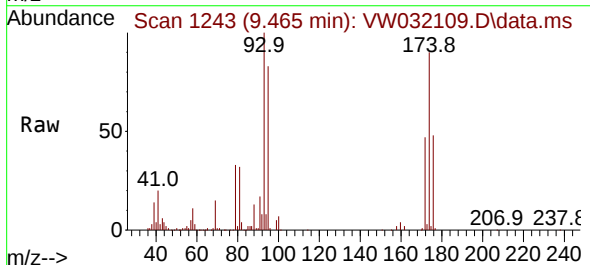
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

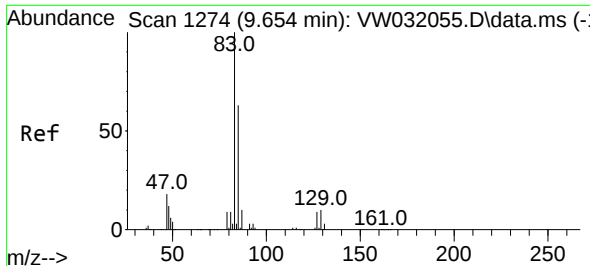
Tgt Ion: 63 Resp: 51338
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8



#46
Dibromomethane
Concen: 23.122 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 93 Resp: 36718
Ion Ratio Lower Upper
93 100
95 81.6 65.3 97.9
174 87.4 68.6 102.8

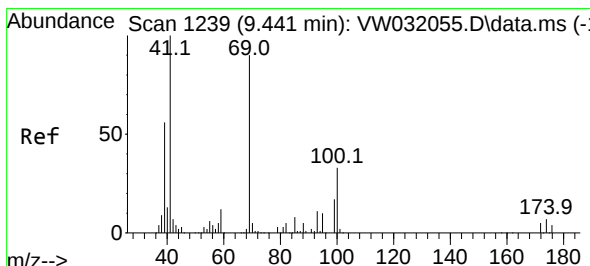
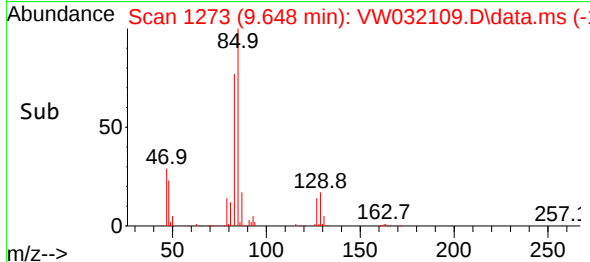
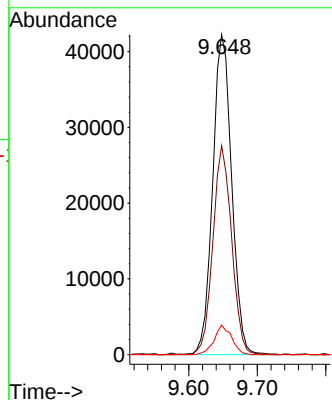
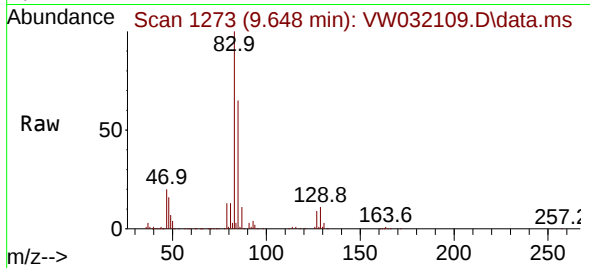




#47
Bromodichloromethane
Concen: 22.237 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

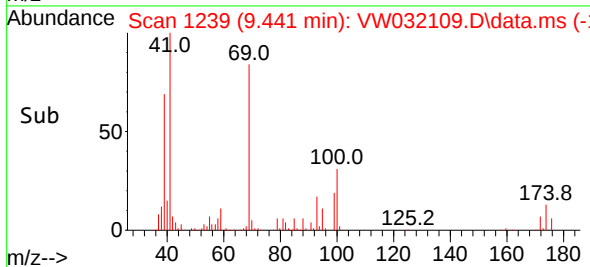
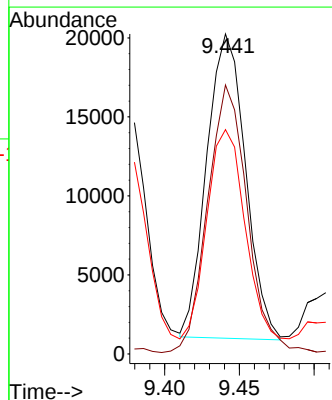
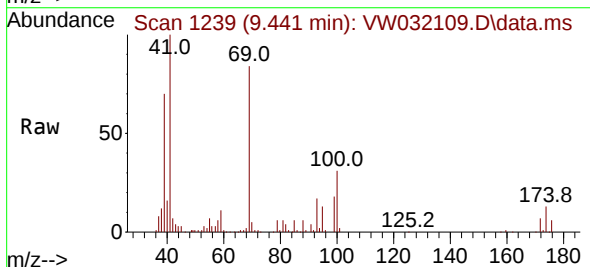
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

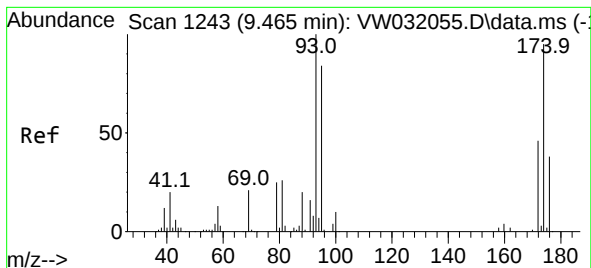
Tgt Ion: 83 Resp: 81369
Ion Ratio Lower Upper
83 100
85 65.3 50.6 75.8
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 20.229 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 41 Resp: 34673
Ion Ratio Lower Upper
41 100
69 89.9 73.0 109.6
39 69.2 45.0 67.4





#49

1,4-Dioxane

Concen: 441.349 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

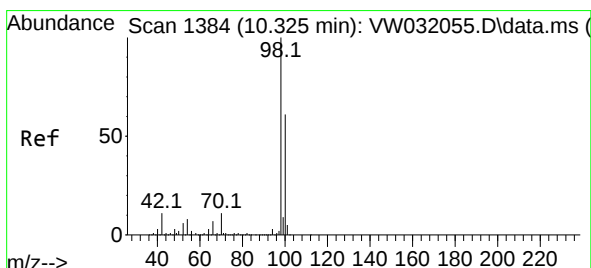
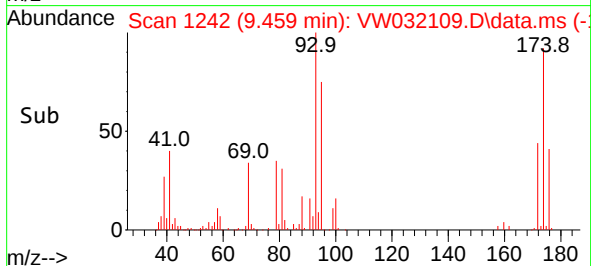
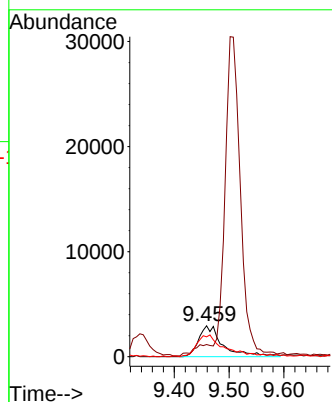
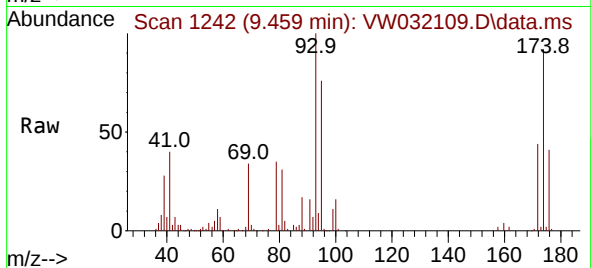
Tgt Ion: 88 Resp: 9062

Ion Ratio Lower Upper

88 100

43 25.6 20.6 30.8

58 78.3 60.4 90.6



#50

Toluene-d8

Concen: 50.421 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032109.D

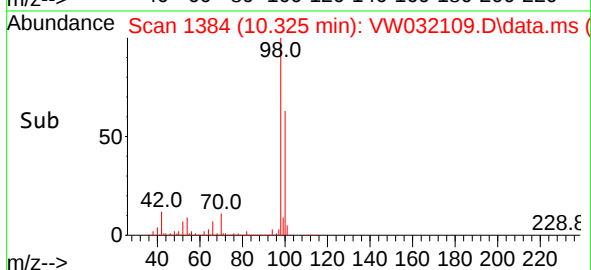
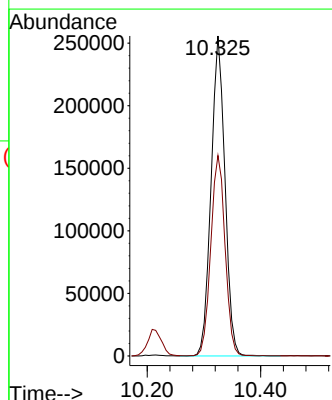
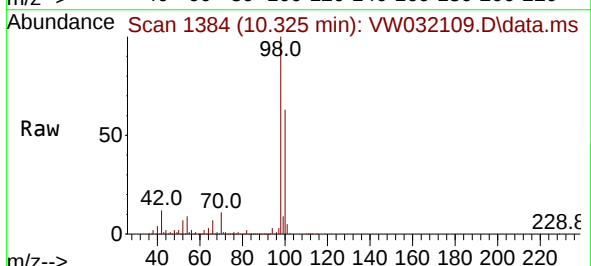
Acq: 22 Aug 2025 14:22

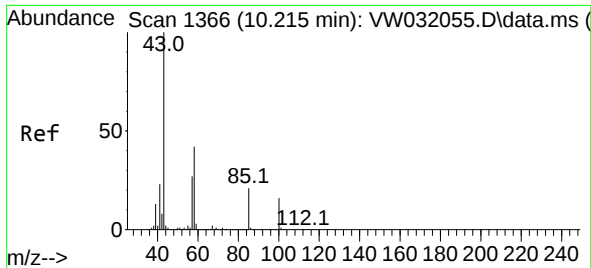
Tgt Ion: 98 Resp: 433450

Ion Ratio Lower Upper

98 100

100 64.3 51.1 76.7

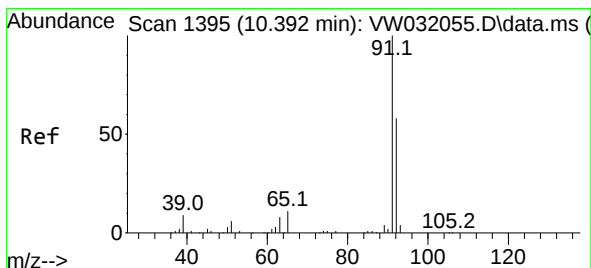
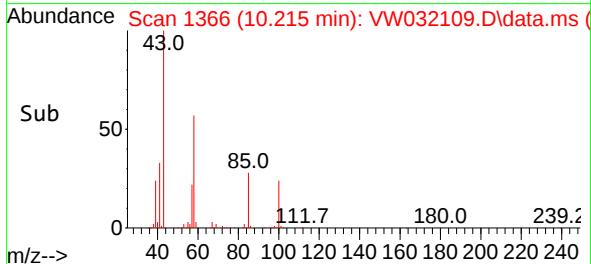
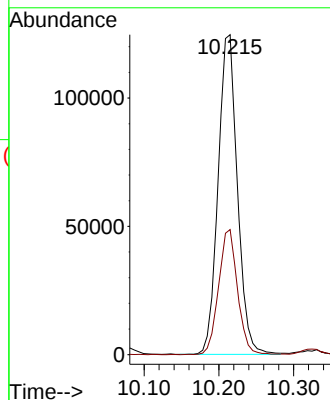
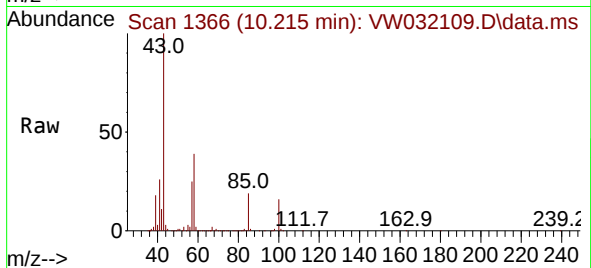




#51
4-Methyl-2-Pentanone
Concen: 111.644 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

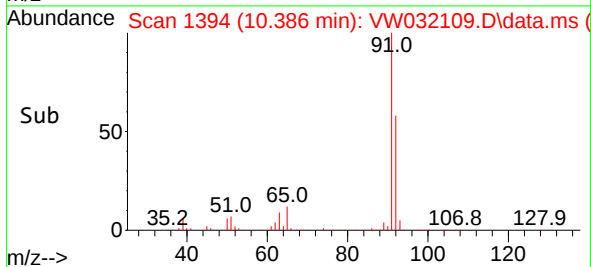
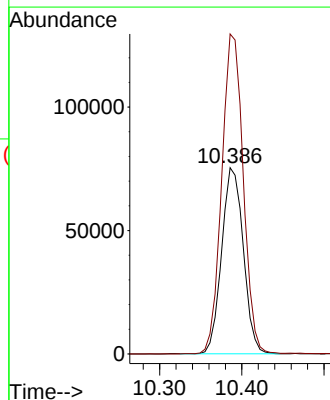
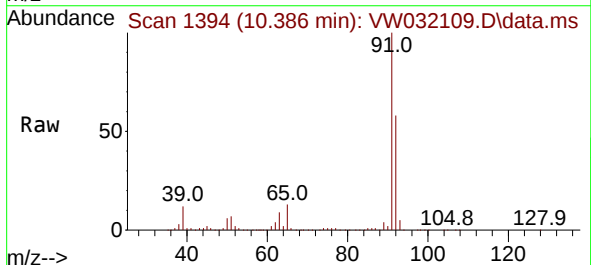
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

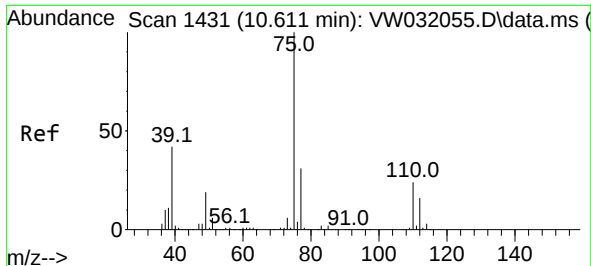
Tgt Ion: 43 Resp: 223728
Ion Ratio Lower Upper
43 100
58 38.5 33.1 49.7



#52
Toluene
Concen: 21.511 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 92 Resp: 137995
Ion Ratio Lower Upper
92 100
91 171.4 136.3 204.5

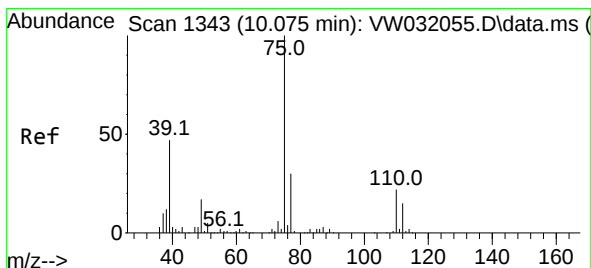
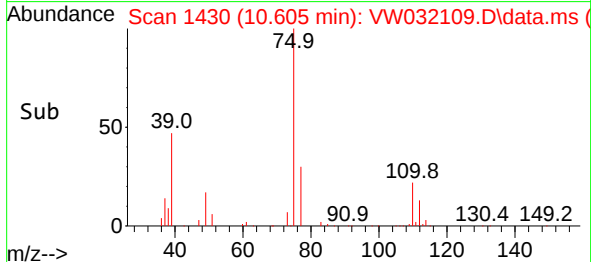
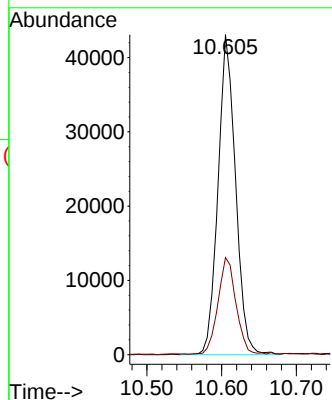
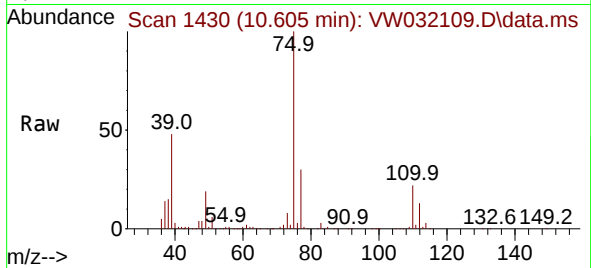




#53
 t-1,3-Dichloropropene
 Concen: 20.482 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

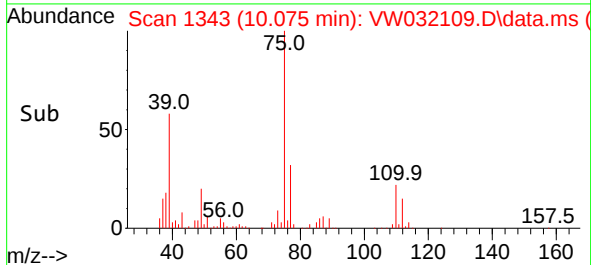
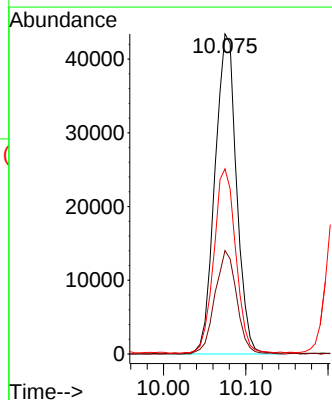
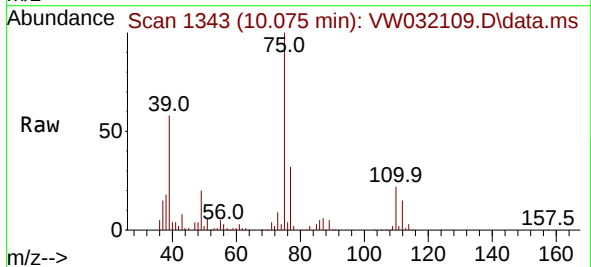
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

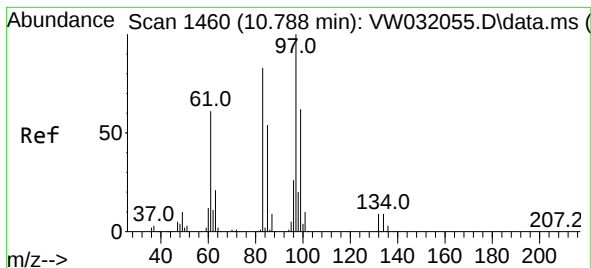
Tgt Ion: 75 Resp: 70218
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.391 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032109.D
 Acq: 22 Aug 2025 14:22

Tgt Ion: 75 Resp: 79307
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.0 36.0
 39 57.6 37.8 56.8#

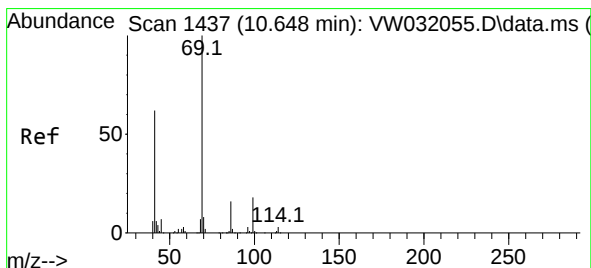
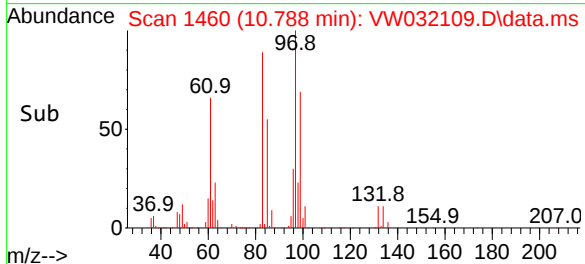
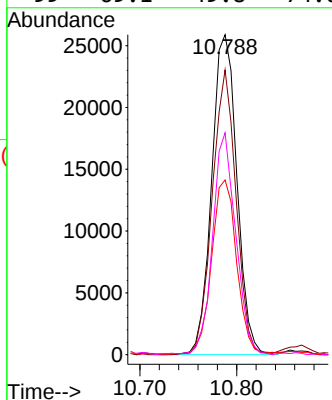
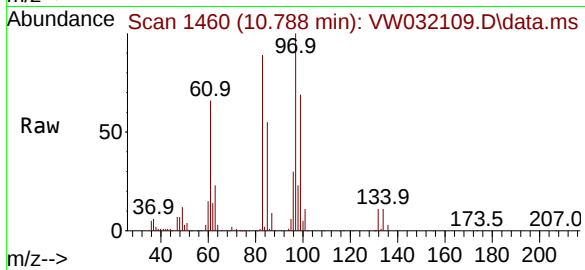




#55
1,1,2-Trichloroethane
Concen: 22.235 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

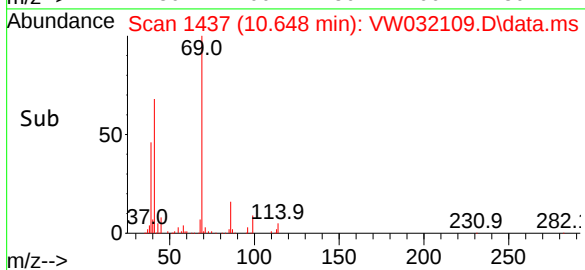
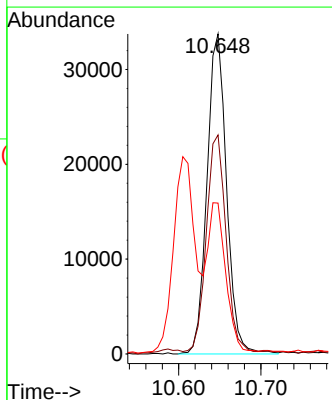
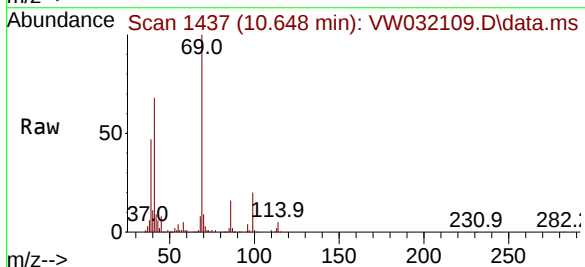
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

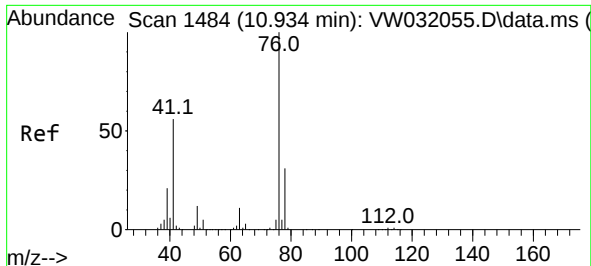
Tgt Ion: 97	Resp: 46920
Ion Ratio	Lower Upper
97 100	
83 88.7	66.4 99.6
85 54.4	43.1 64.7
99 69.1	49.8 74.6



#56
Ethyl methacrylate
Concen: 19.798 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 69	Resp: 55906
Ion Ratio	Lower Upper
69 100	
41 68.1	51.2 76.8
39 42.0	25.4 38.0#

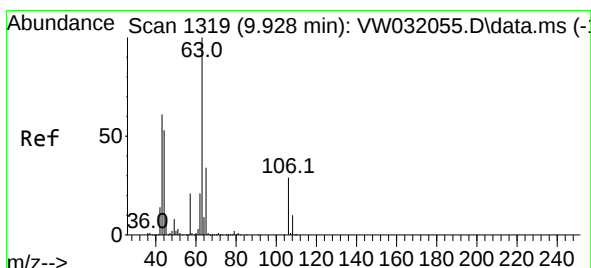
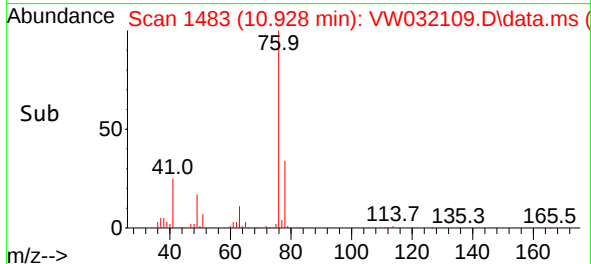
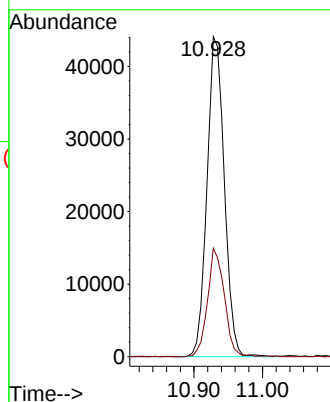
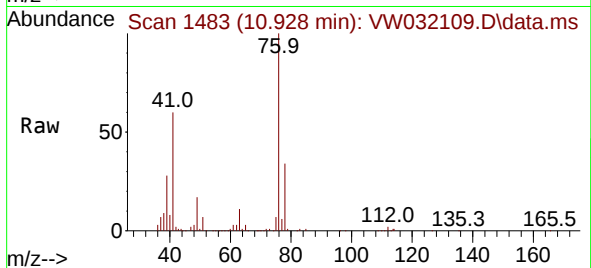




#57
1,3-Dichloropropane
Concen: 21.131 ug/l
RT: 10.928 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

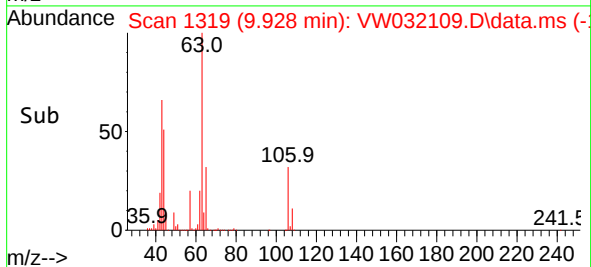
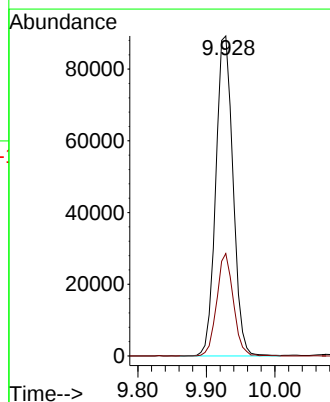
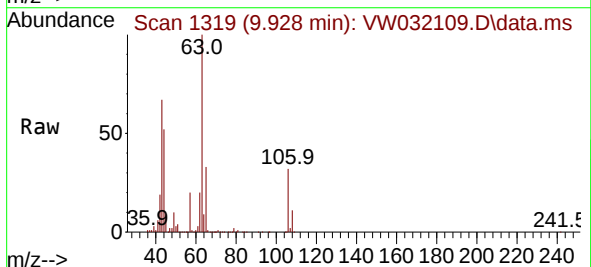
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

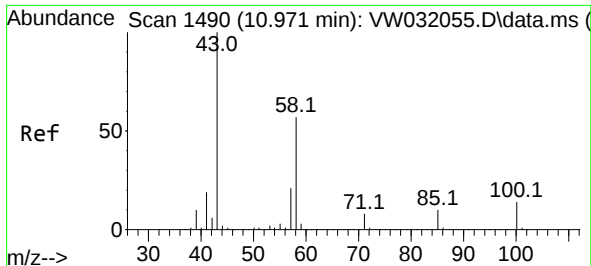
Tgt Ion: 76 Resp: 77725
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 99.497 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 63 Resp: 155411
Ion Ratio Lower Upper
63 100
106 30.8 23.5 35.3

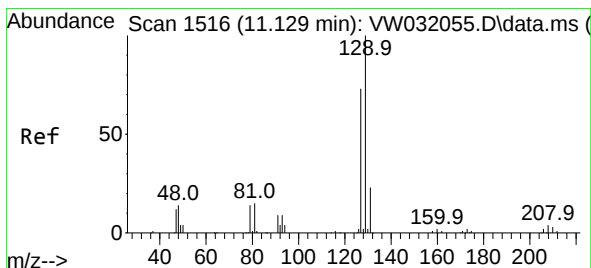
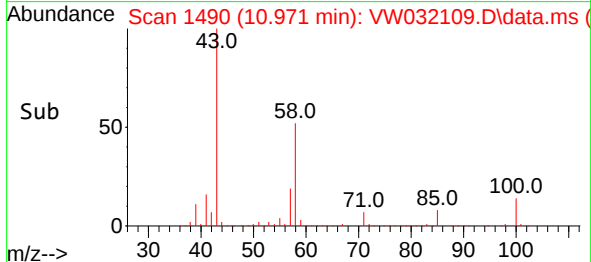
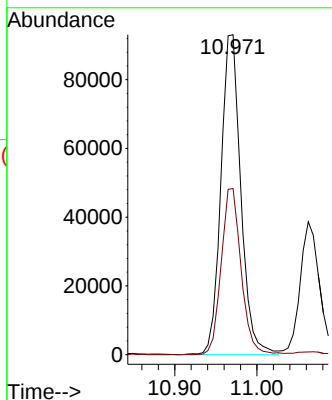
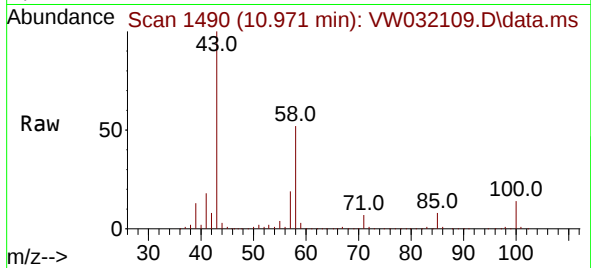




#59
2-Hexanone
Concen: 113.364 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

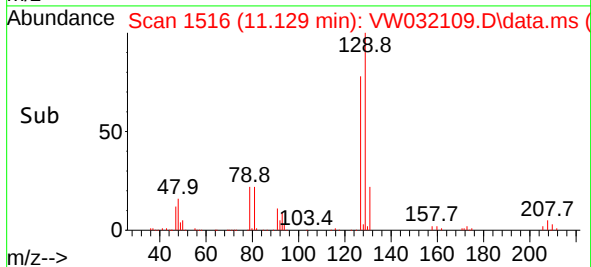
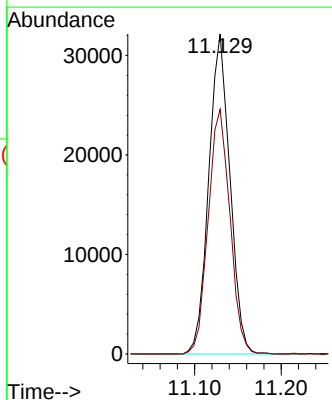
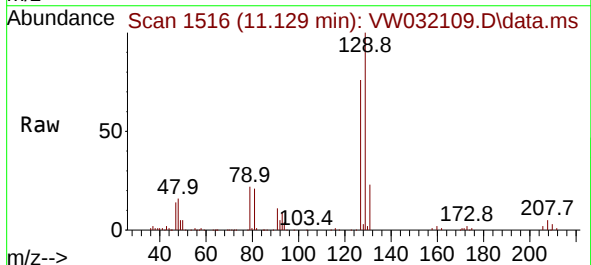
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

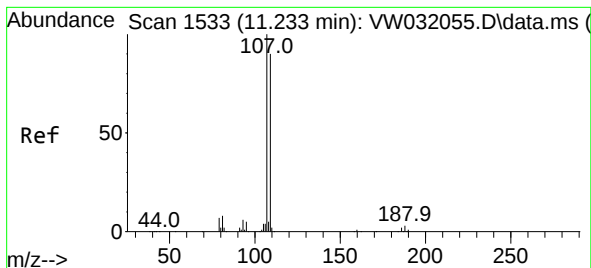
Tgt Ion: 43 Resp: 157334
Ion Ratio Lower Upper
43 100
58 51.9 28.3 85.0



#60
Dibromochloromethane
Concen: 22.644 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:129 Resp: 54583
Ion Ratio Lower Upper
129 100
127 78.6 39.0 116.9

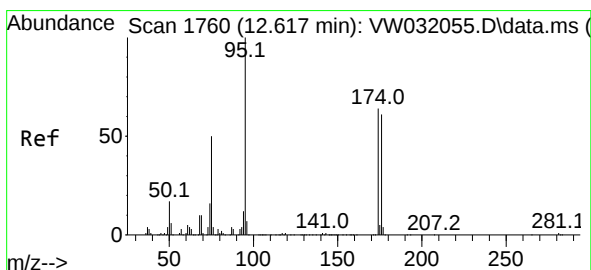
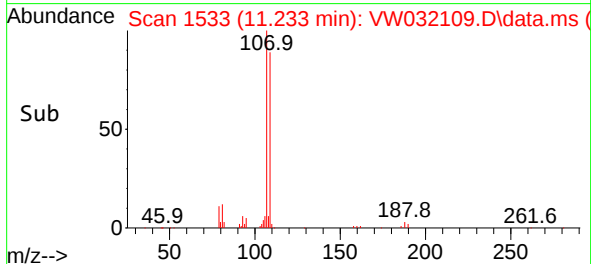
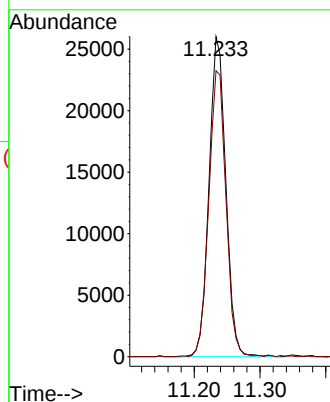
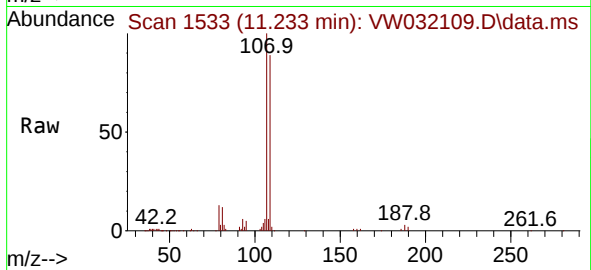




#61
1,2-Dibromoethane
Concen: 22.499 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

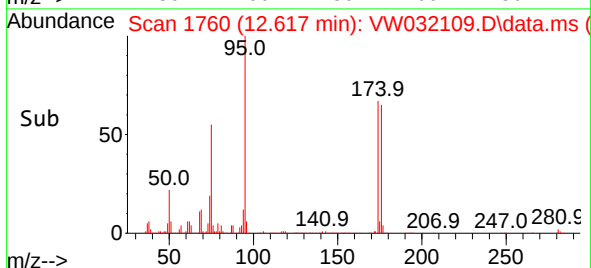
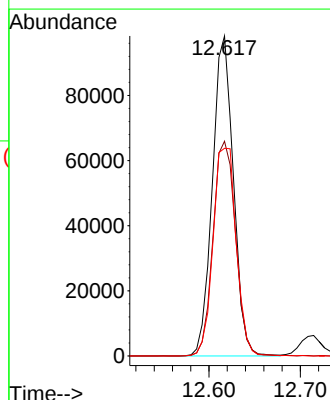
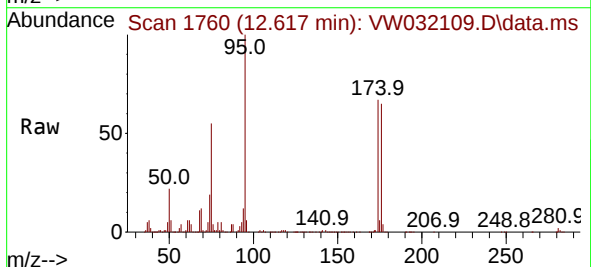
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

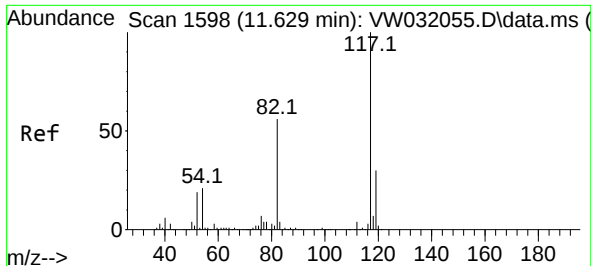
Tgt Ion:107 Resp: 46138
Ion Ratio Lower Upper
107 100
109 91.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 95 Resp: 156844
Ion Ratio Lower Upper
95 100
174 71.8 0.0 129.0
176 71.9 0.0 124.6

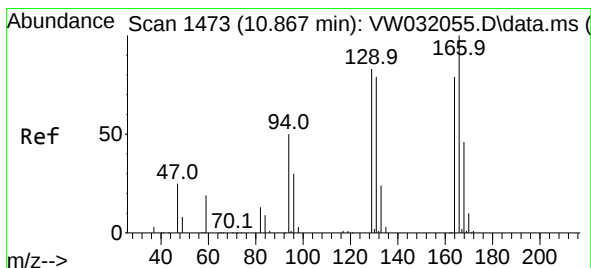
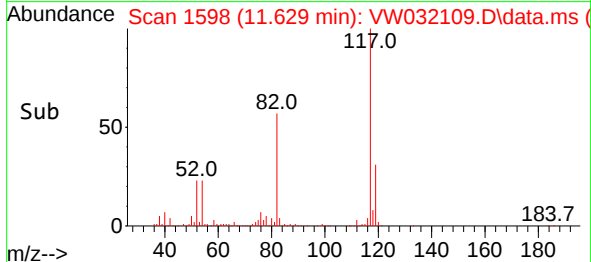
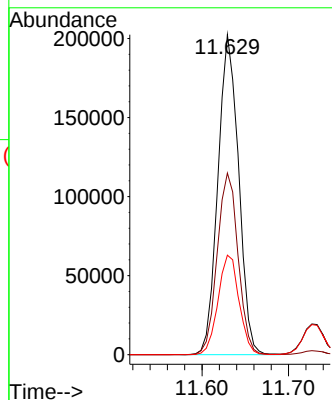
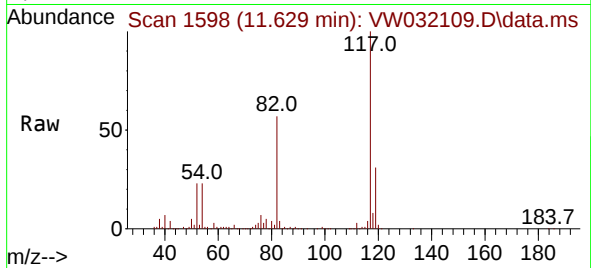




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

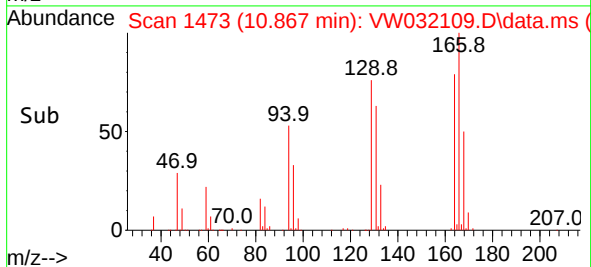
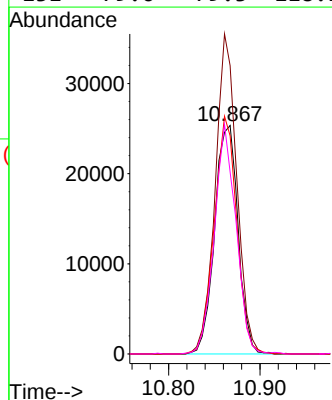
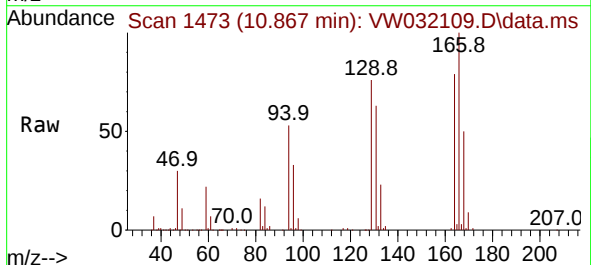
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

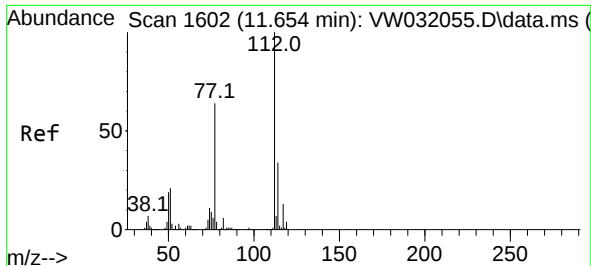
Tgt Ion:117 Resp: 335789
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 31.1 24.2 36.4



#64
Tetrachloroethene
Concen: 23.267 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:164 Resp: 45127
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 95.4 83.6 125.4
131 79.6 79.3 118.9

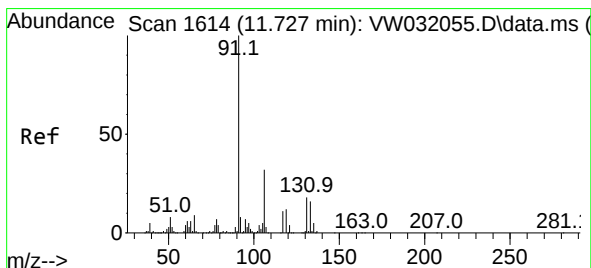
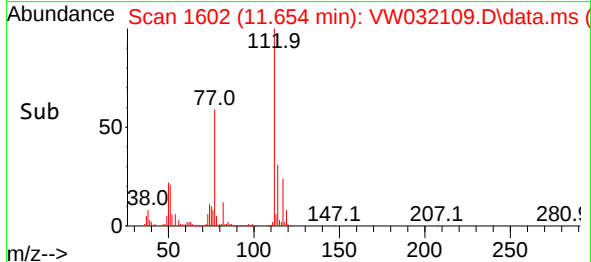
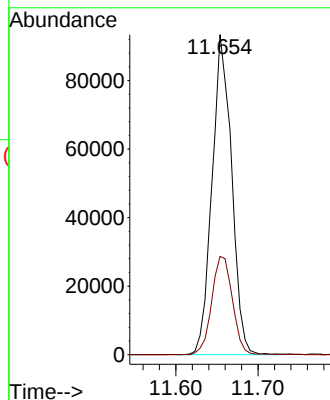
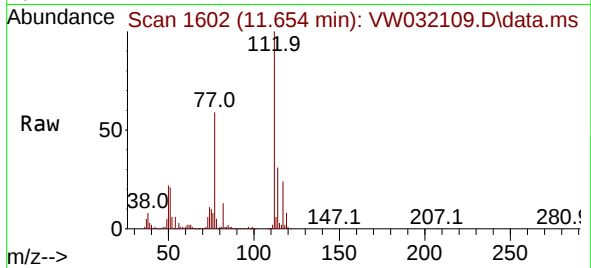




#65
Chlorobenzene
Concen: 21.146 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

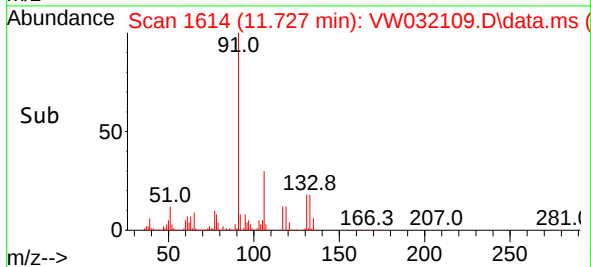
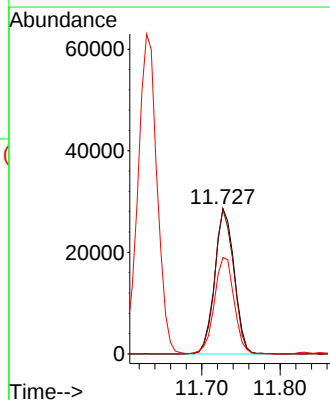
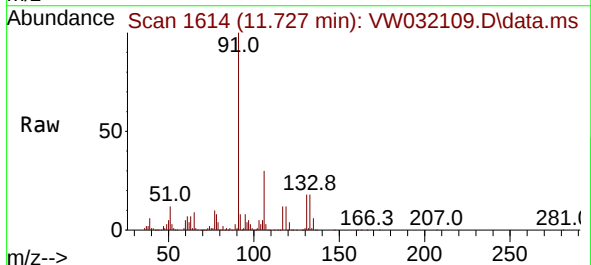
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

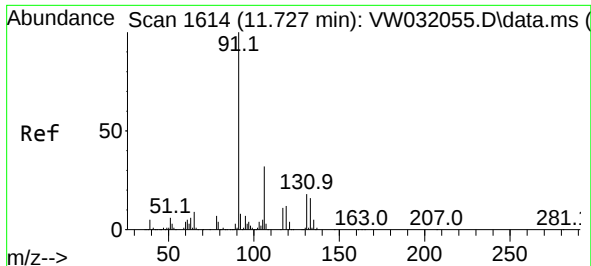
Tgt Ion:112 Resp: 154558
Ion Ratio Lower Upper
112 100
114 30.7 26.9 40.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.731 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:131 Resp: 49555
Ion Ratio Lower Upper
131 100
133 97.0 47.3 142.0
119 67.2 34.5 103.5





#67

Ethyl Benzene

Concen: 20.840 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

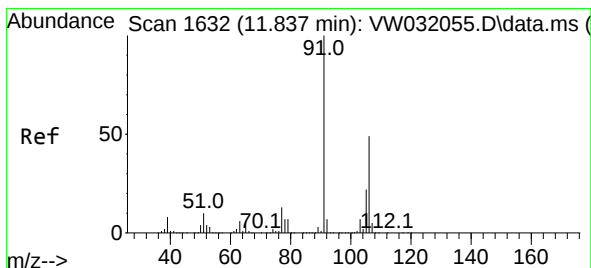
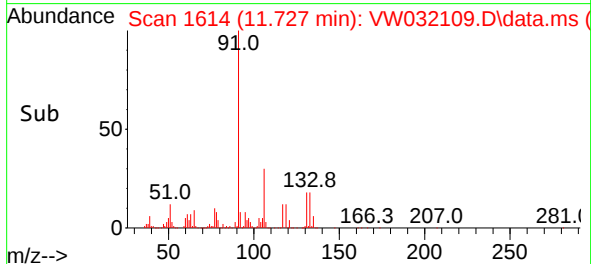
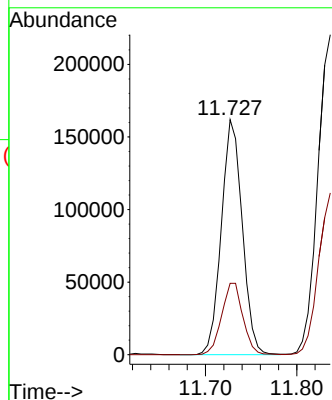
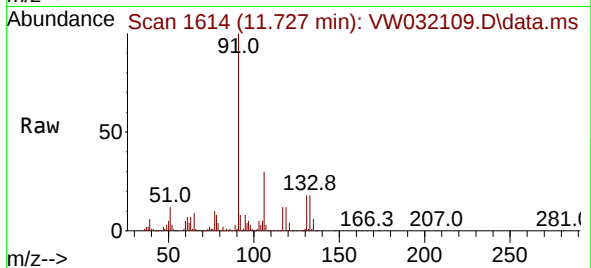
VW0822SBS01

Tgt Ion: 91 Resp: 258010

Ion Ratio Lower Upper

91 100

106 30.4 25.4 38.0



#68

m/p-Xylenes

Concen: 42.892 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032109.D

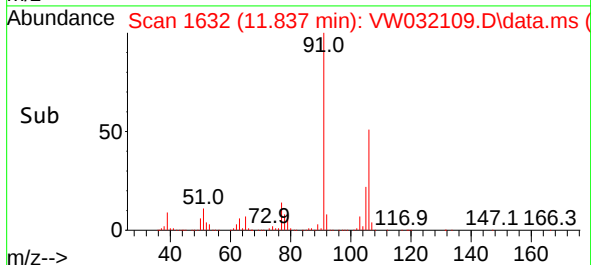
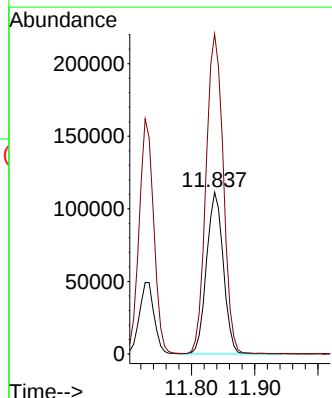
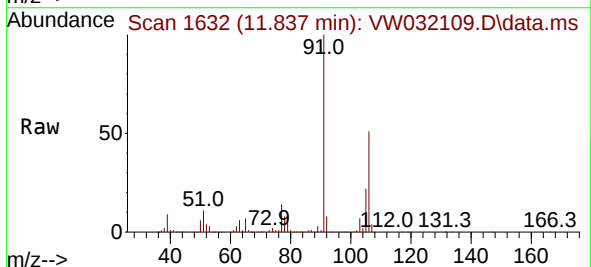
Acq: 22 Aug 2025 14:22

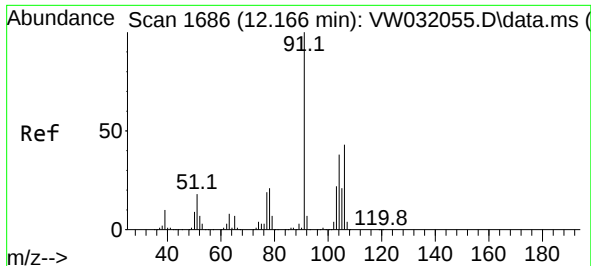
Tgt Ion:106 Resp: 204903

Ion Ratio Lower Upper

106 100

91 203.1 162.2 243.2

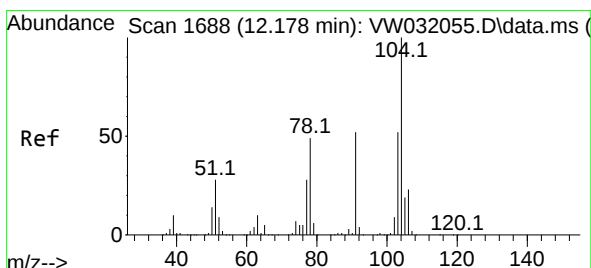
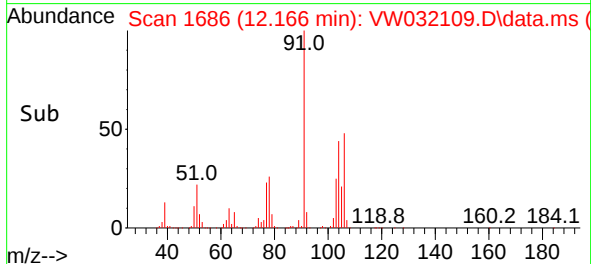
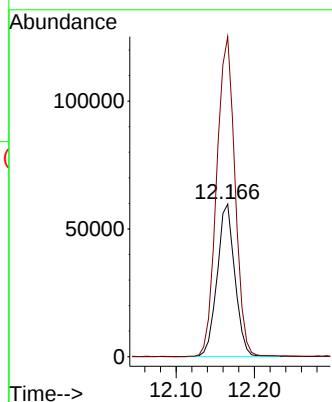
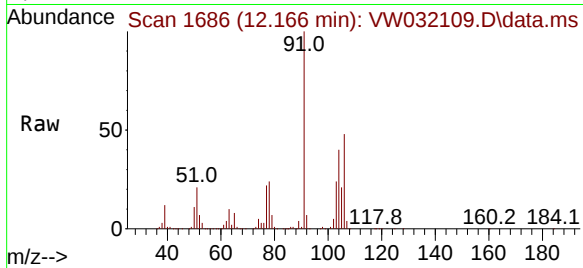




#69
o-Xylene
Concen: 21.292 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

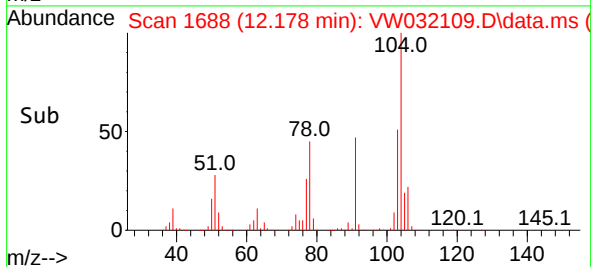
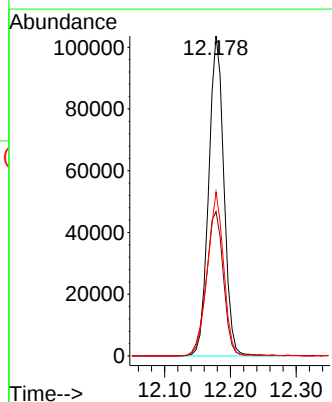
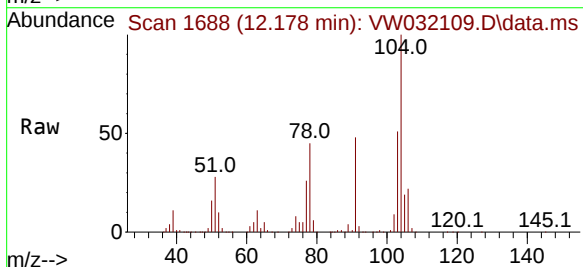
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

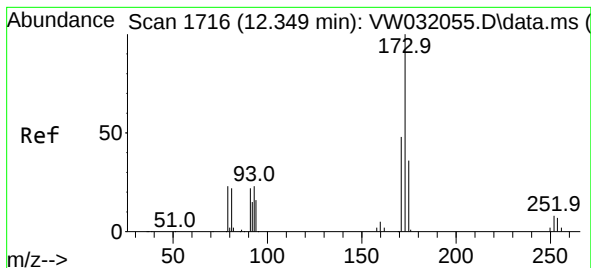
Tgt Ion:106 Resp: 94012
Ion Ratio Lower Upper
106 100
91 217.9 110.8 332.3



#70
Styrene
Concen: 21.345 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion:104 Resp: 167404
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 22.523 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

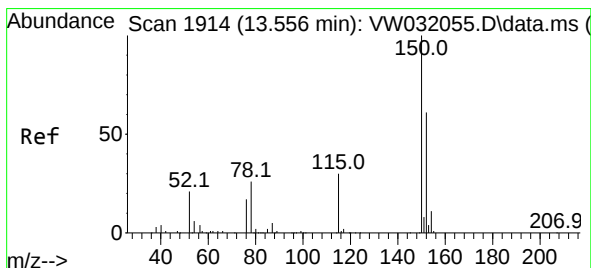
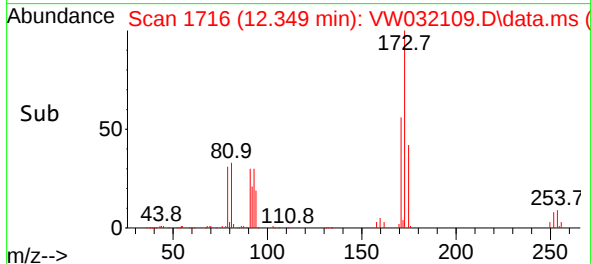
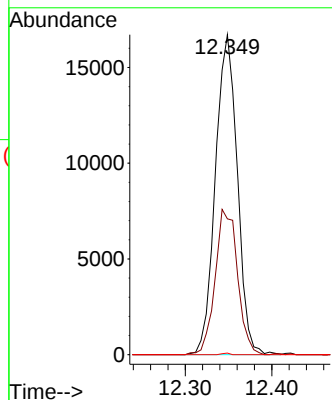
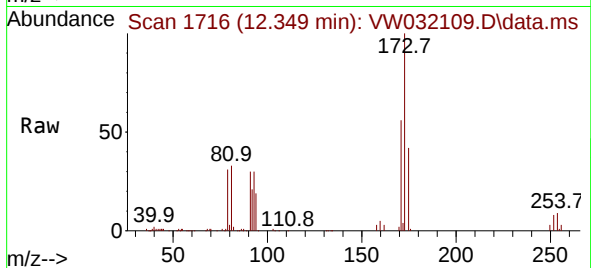
Tgt Ion:173 Resp: 29379

Ion Ratio Lower Upper

173 100

175 46.4 22.9 68.7

254 0.2 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: VW032109.D

Acq: 22 Aug 2025 14:22

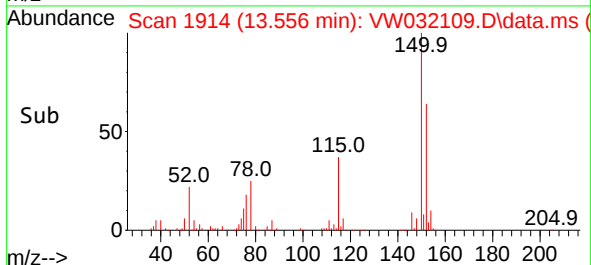
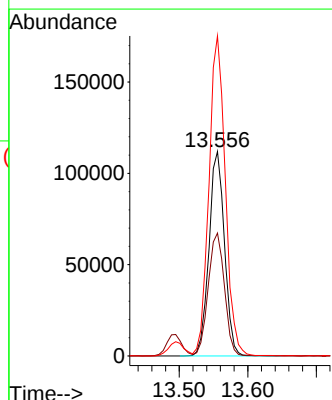
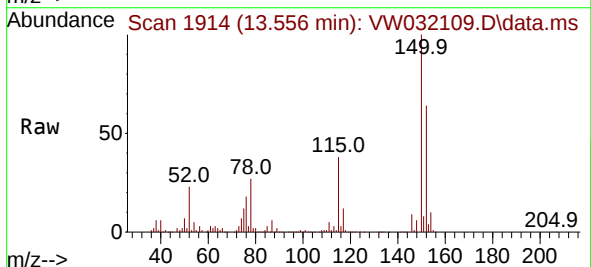
Tgt Ion:152 Resp: 176918

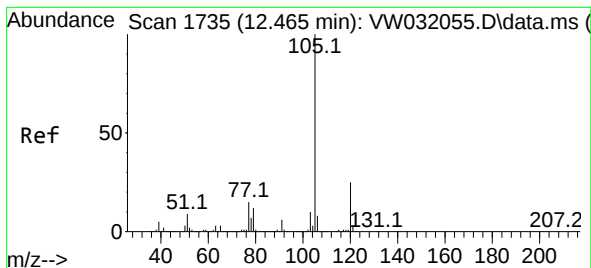
Ion Ratio Lower Upper

152 100

115 62.6 32.6 97.8

150 164.7 0.0 359.4





#73

Isopropylbenzene

Concen: 18.899 ug/l

RT: 12.465 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

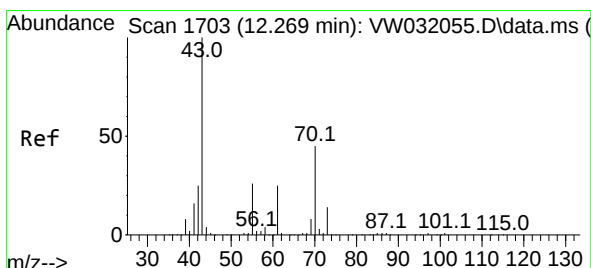
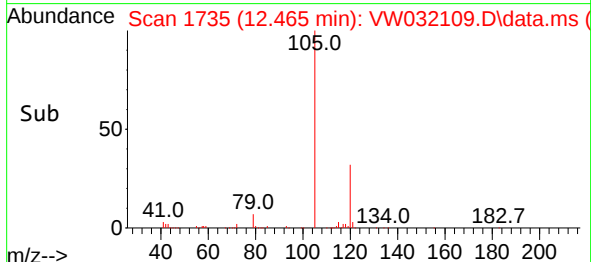
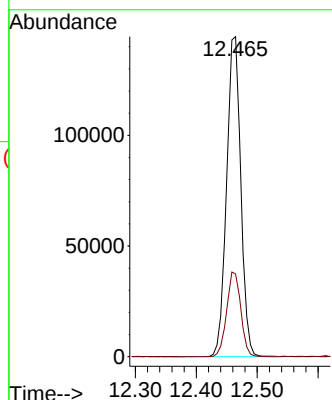
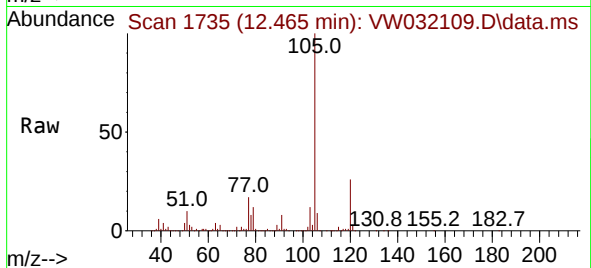
VW0822SBS01

Tgt Ion:105 Resp: 233663

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.4



#74

N-ethyl acetate

Concen: 18.912 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Tgt Ion: 43 Resp: 67085

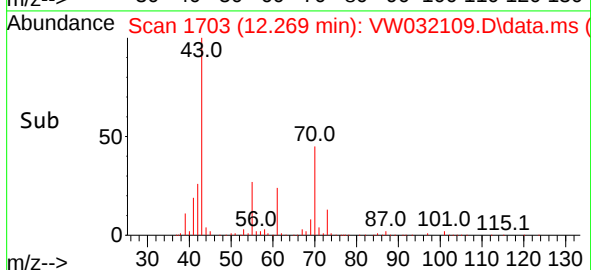
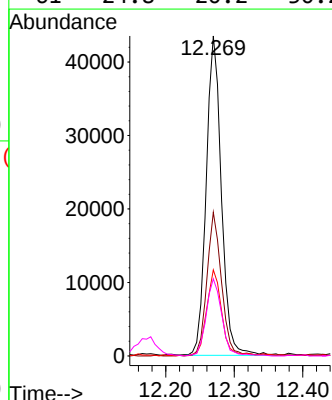
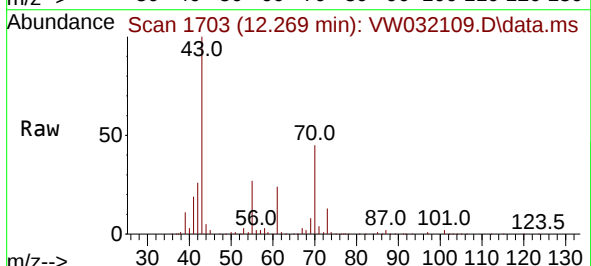
Ion Ratio Lower Upper

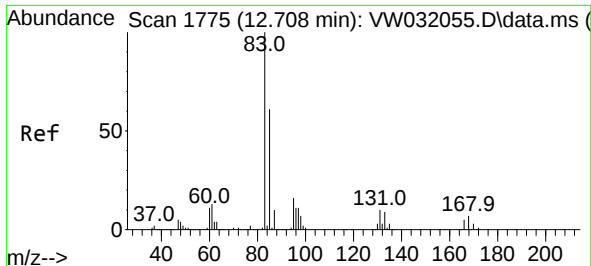
43 100

70 43.3 37.0 55.4

55 26.9 21.1 31.7

61 24.8 20.2 30.2

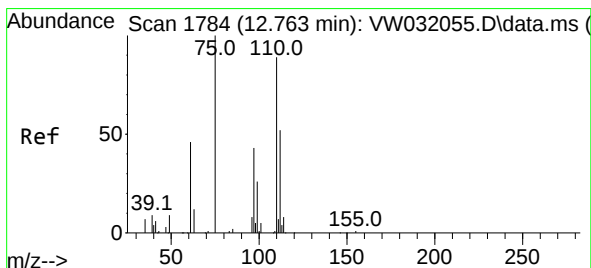
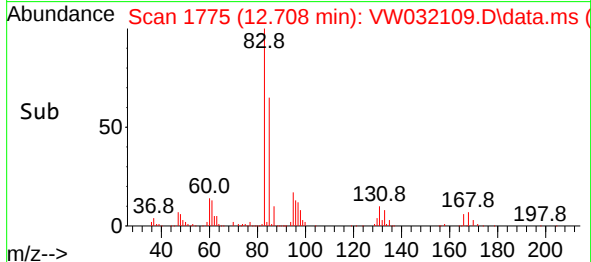
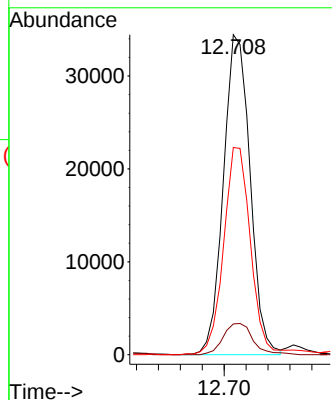
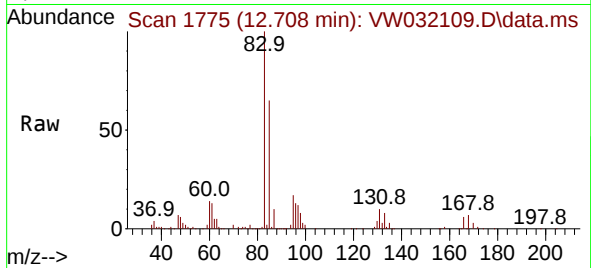




#75
1,1,2-Tetrachloroethane
Concen: 19.846 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

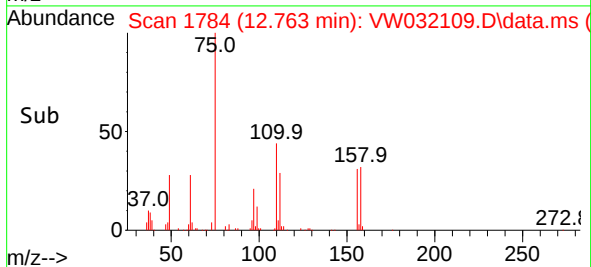
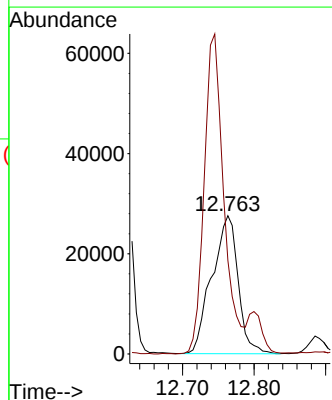
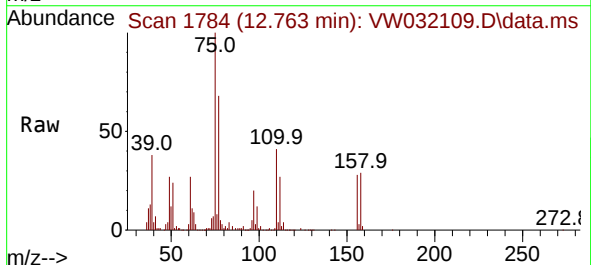
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

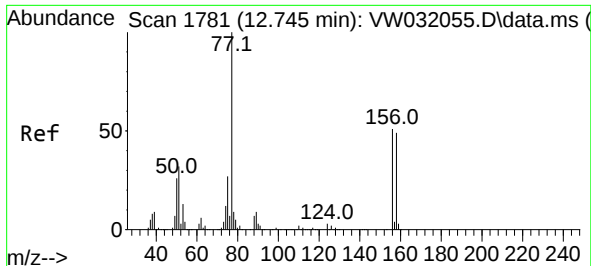
Tgt Ion: 83 Resp: 58260
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.4
85 66.3 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 29.252 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 75 Resp: 70239
Ion Ratio Lower Upper
75 100
77 174.5 123.5 370.5

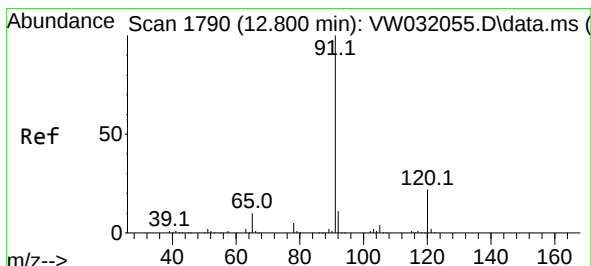
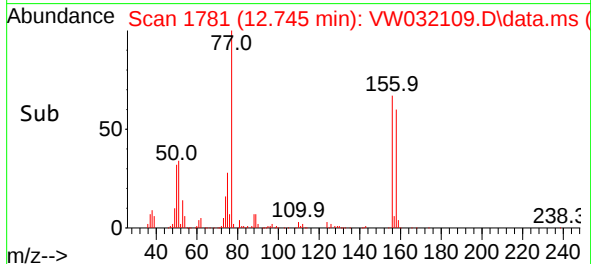
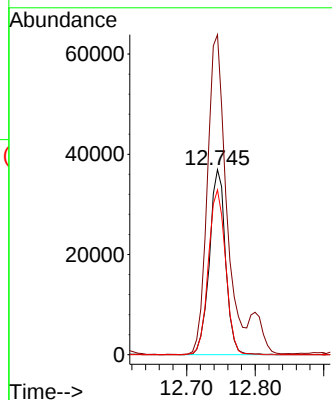
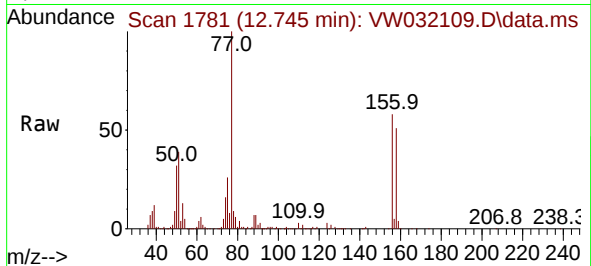




#77
Bromobenzene
Concen: 20.477 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

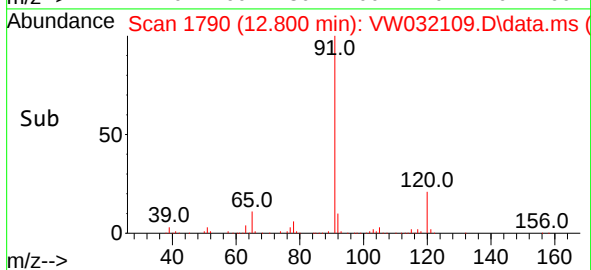
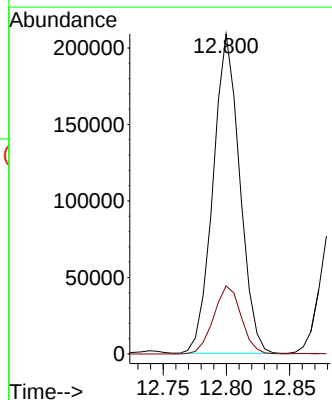
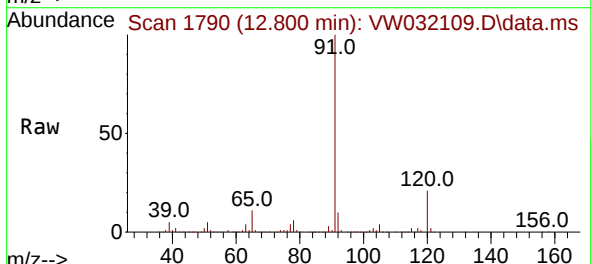
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

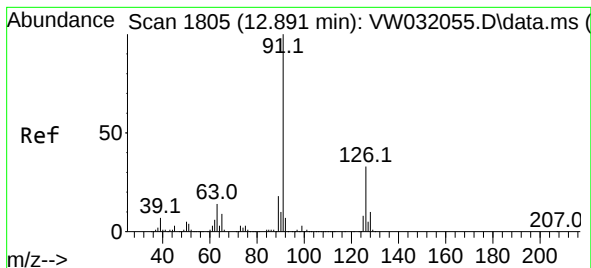
Tgt Ion:156 Resp: 60471
Ion Ratio Lower Upper
156 100
77 202.7 108.7 326.3
158 95.1 48.3 144.9



#78
n-propylbenzene
Concen: 20.098 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 91 Resp: 305931
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3

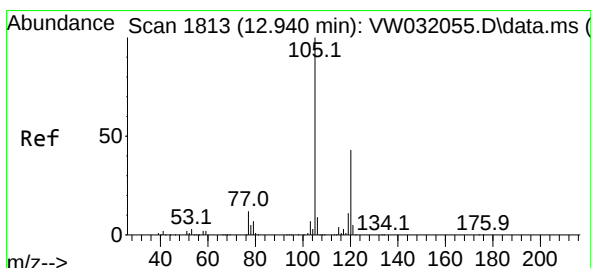
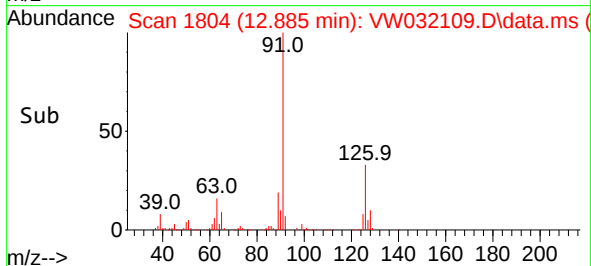
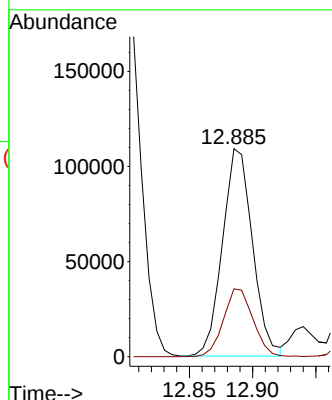
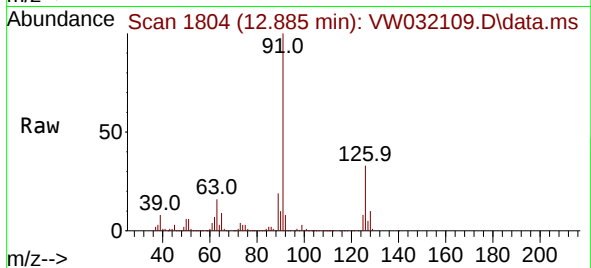




#79
2-Chlorotoluene
Concen: 19.176 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

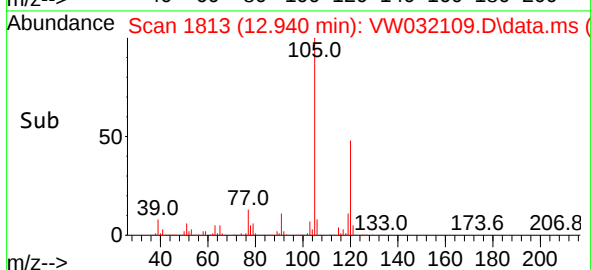
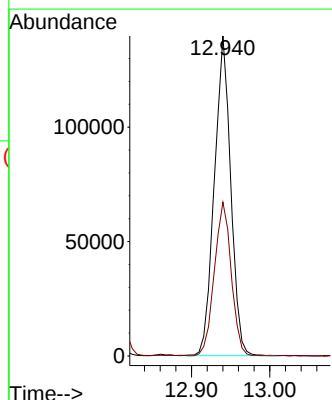
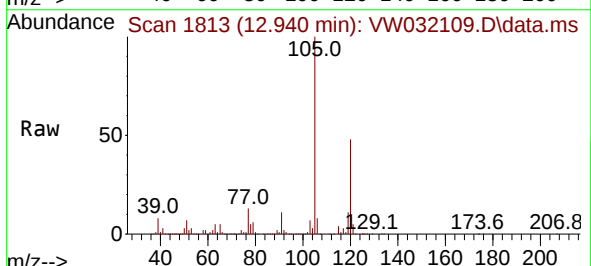
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

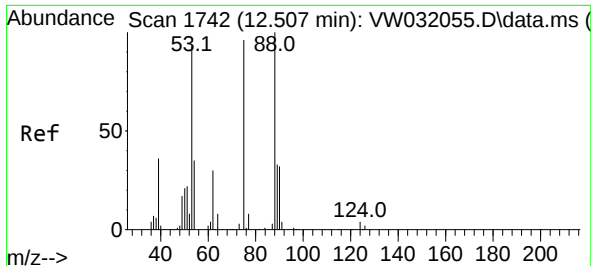
Tgt Ion: 91 Resp: 180153
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.334 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 105 Resp: 202943
Ion Ratio Lower Upper
105 100
120 49.5 23.4 70.0

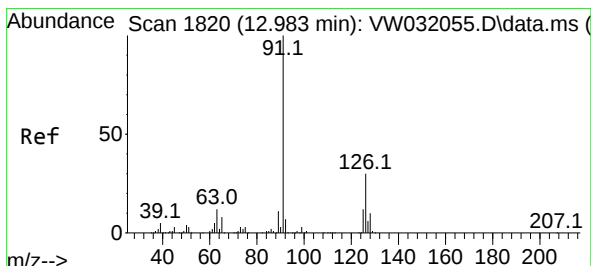
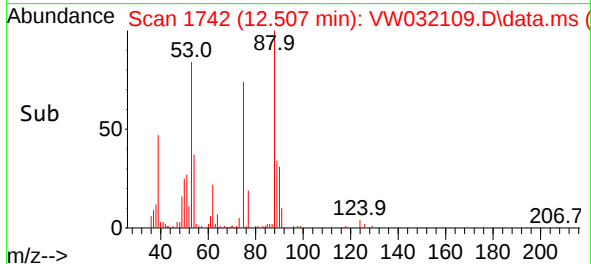
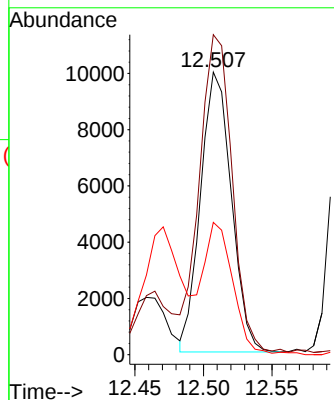
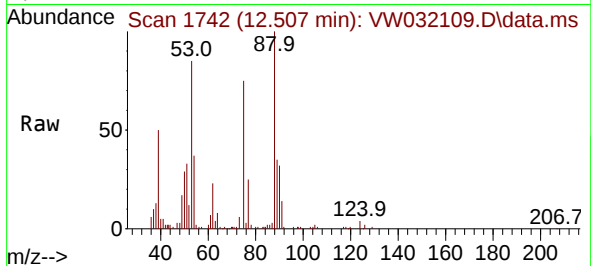




#81
trans-1,4-Dichloro-2-butene
Concen: 16.780 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

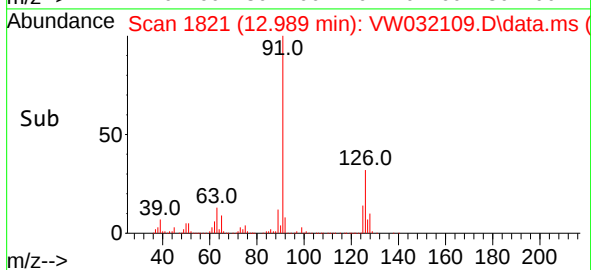
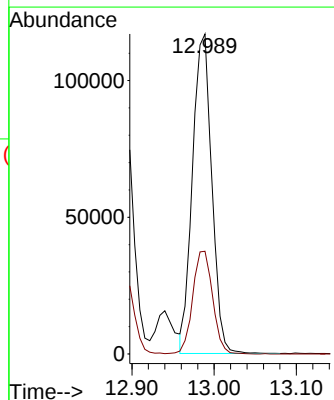
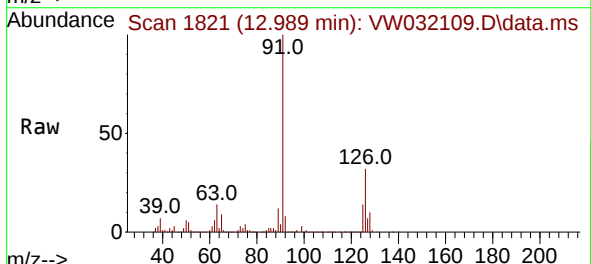
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

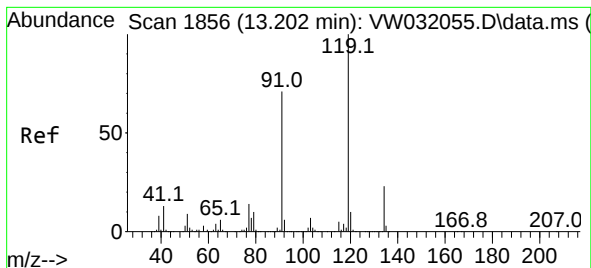
Tgt Ion: 75 Resp: 15563
Ion Ratio Lower Upper
75 100
53 120.0 81.0 121.6
89 48.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 91 Resp: 190525
Ion Ratio Lower Upper
91 100
126 33.3 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.654 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

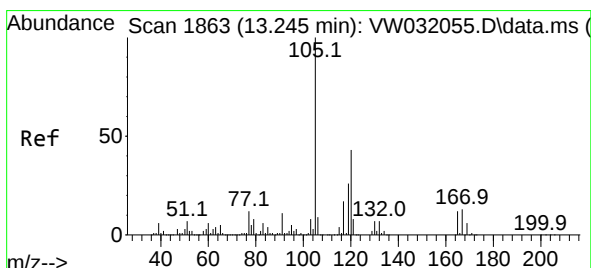
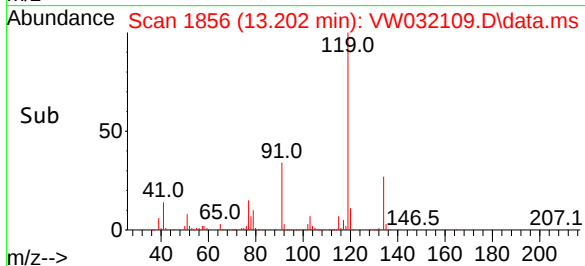
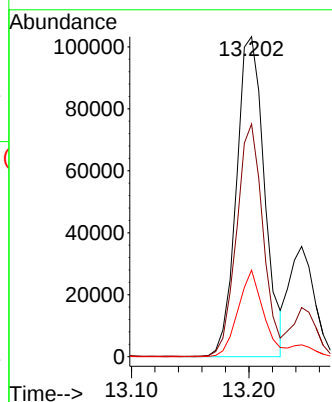
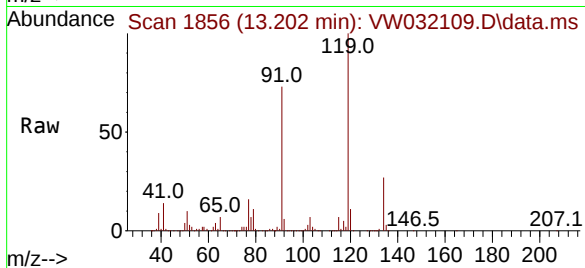
Tgt Ion:119 Resp: 171218

Ion Ratio Lower Upper

119 100

91 68.5 35.3 105.9

134 24.9 12.1 36.3



#84

1,2,4-Trimethylbenzene

Concen: 19.683 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032109.D

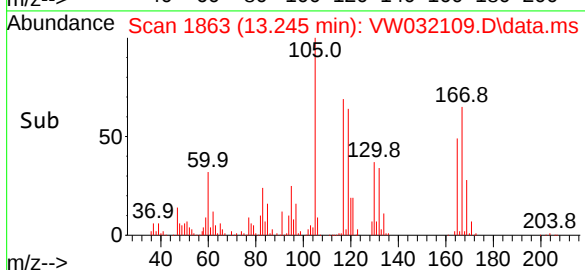
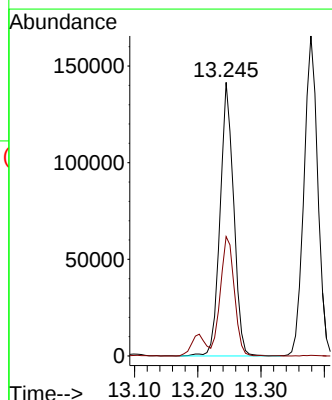
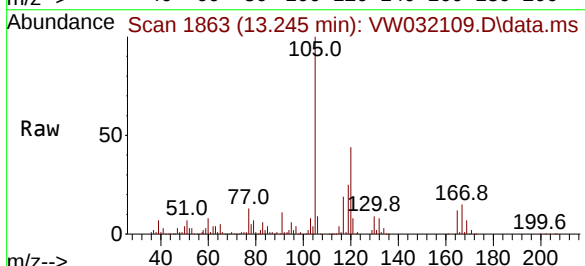
Acq: 22 Aug 2025 14:22

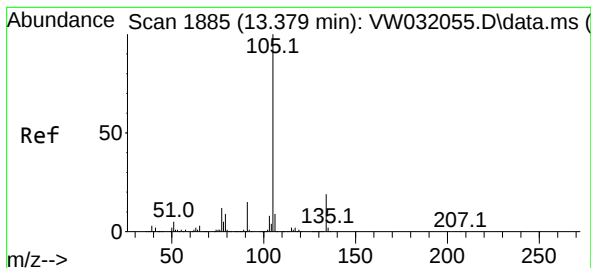
Tgt Ion:105 Resp: 210315

Ion Ratio Lower Upper

105 100

120 44.7 21.6 64.8





#85

sec-Butylbenzene

Concen: 18.943 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

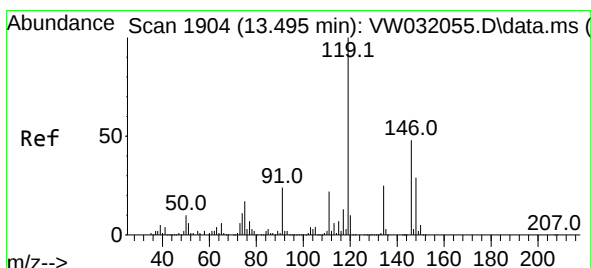
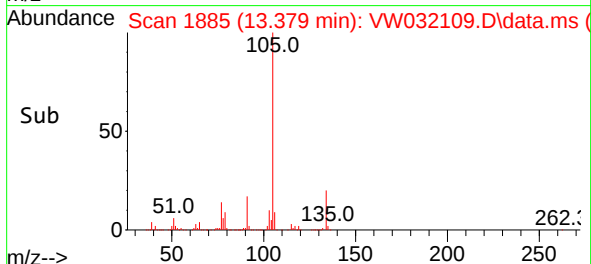
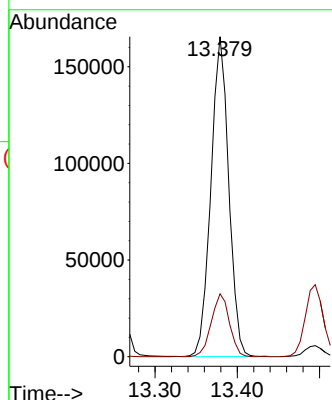
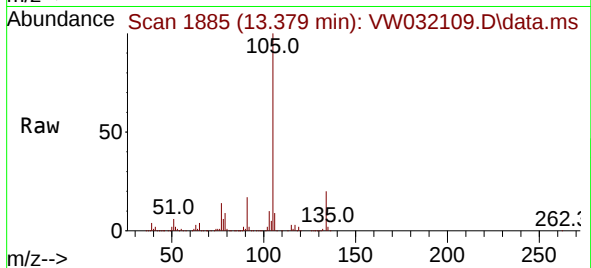
VW0822SBS01

Tgt Ion:105 Resp: 249499

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.098 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

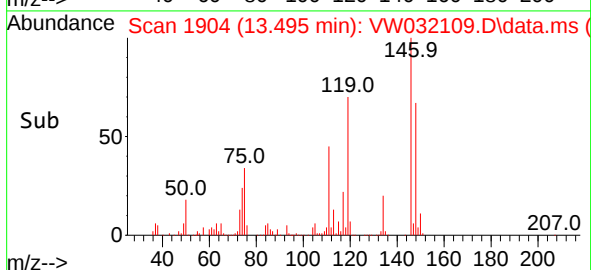
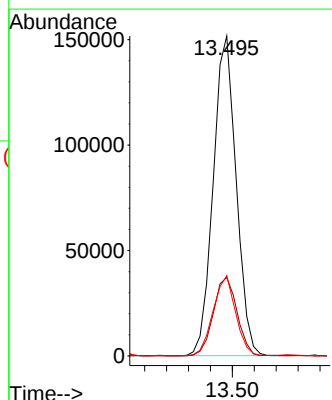
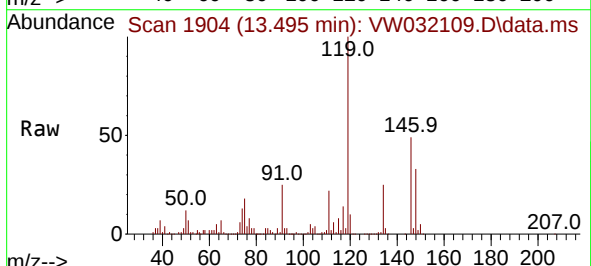
Tgt Ion:119 Resp: 220677

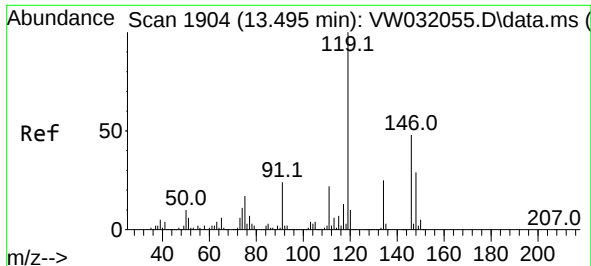
Ion Ratio Lower Upper

119 100

134 25.5 12.4 37.0

91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.621 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

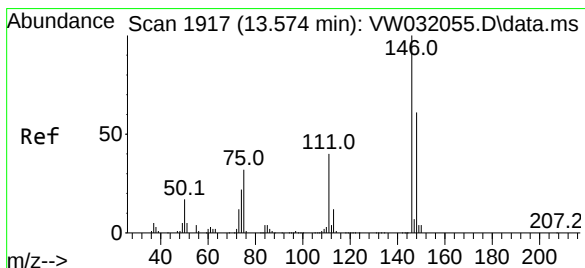
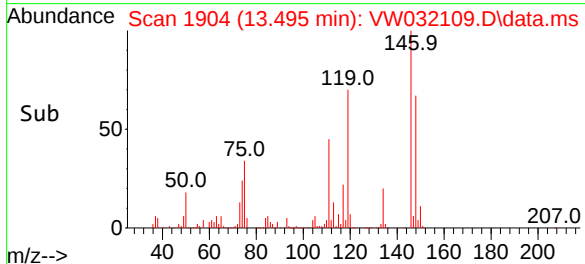
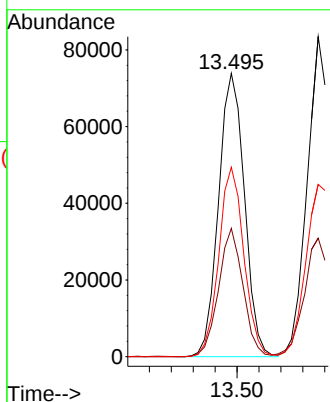
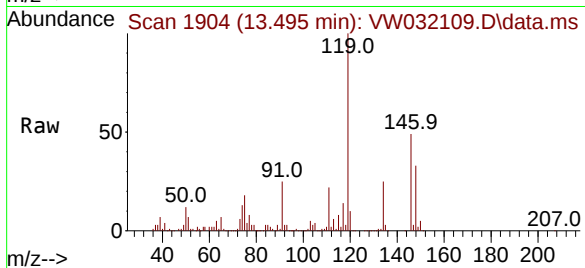
Tgt Ion:146 Resp: 121171

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

148 64.8 30.3 90.8



#88

1,4-Dichlorobenzene

Concen: 21.110 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

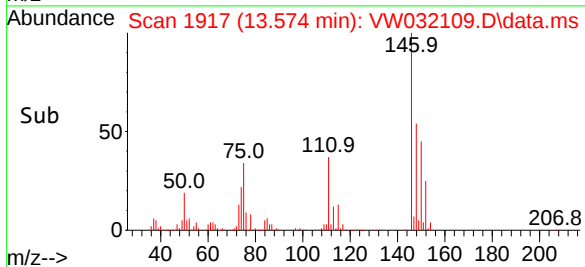
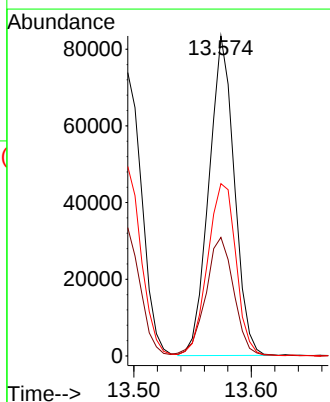
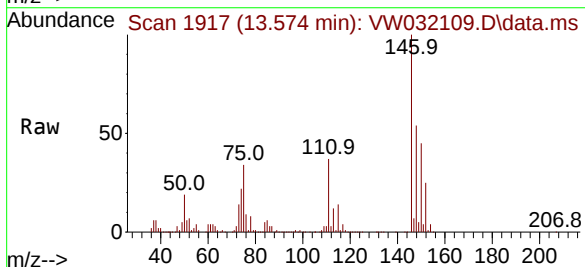
Tgt Ion:146 Resp: 125352

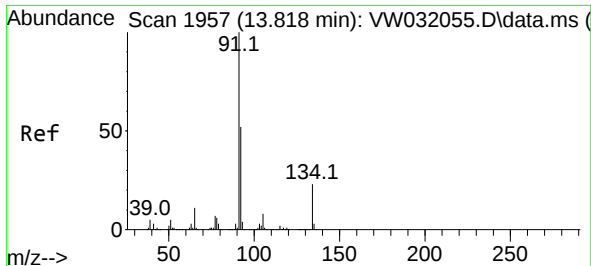
Ion Ratio Lower Upper

146 100

111 41.3 21.6 64.6

148 60.1 32.0 96.2

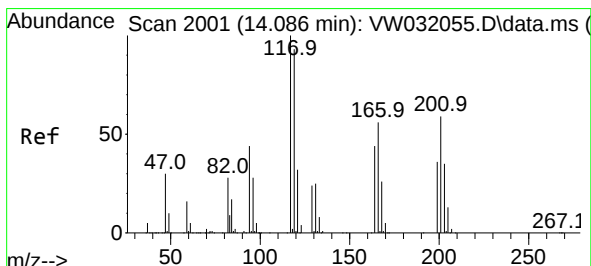
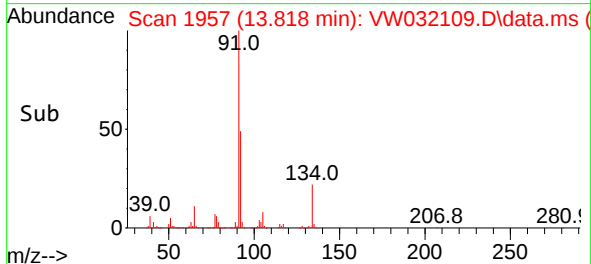
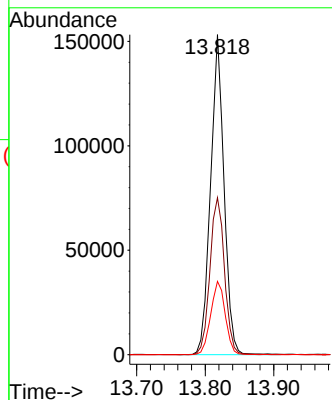
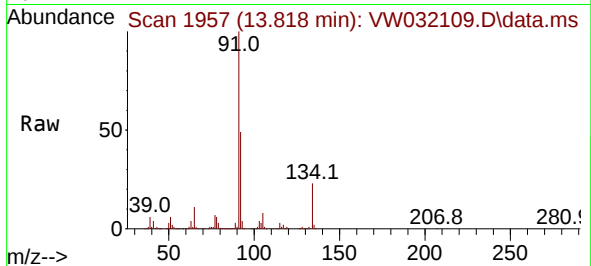




#89
n-Butylbenzene
Concen: 19.633 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

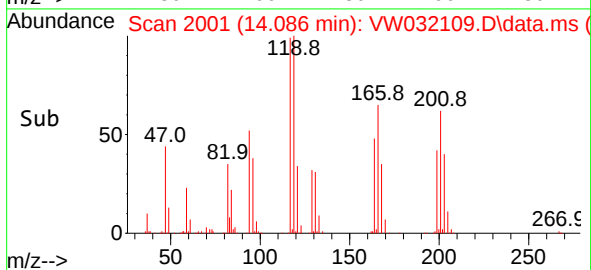
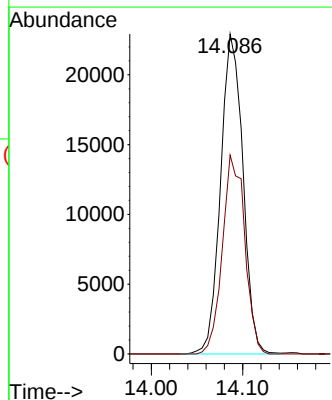
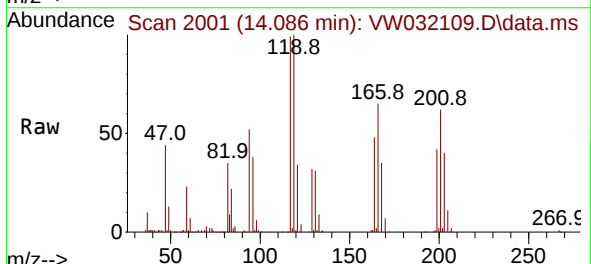
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

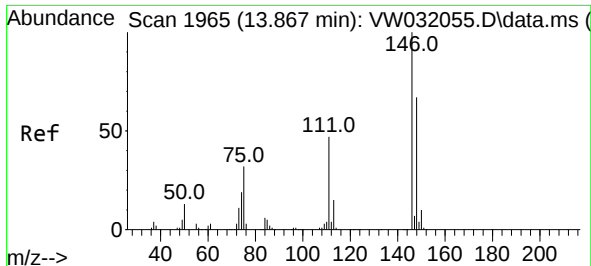
Tgt Ion: 91 Resp: 209429
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 24.8 12.0 36.1



#90
Hexachloroethane
Concen: 19.333 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 117 Resp: 38821
Ion Ratio Lower Upper
117 100
201 62.4 30.9 92.5

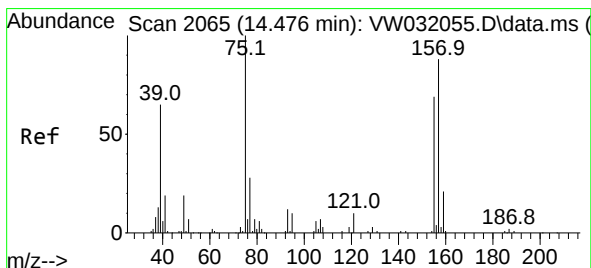
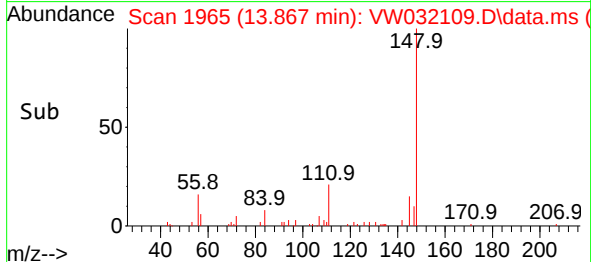
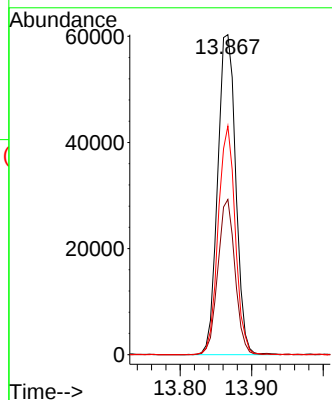
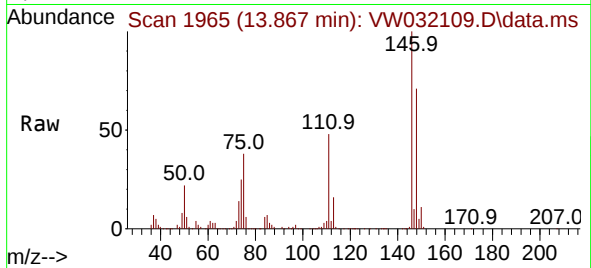




#91
1,2-Dichlorobenzene
Concen: 19.881 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

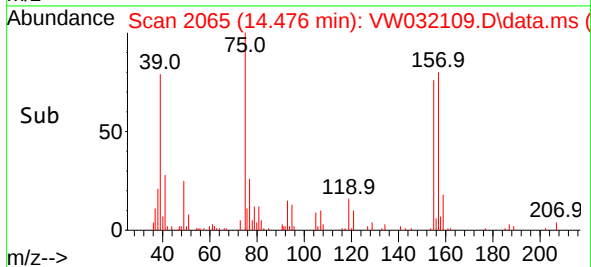
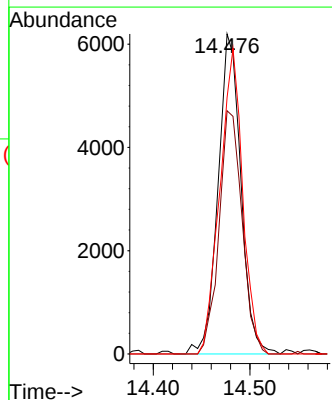
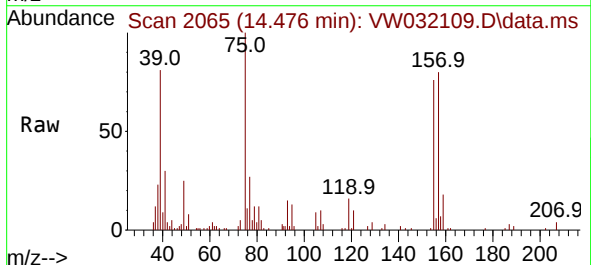
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBS01

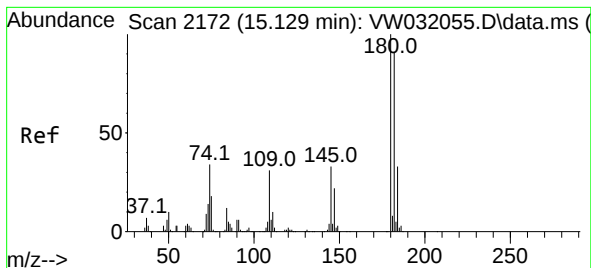
Tgt Ion:146 Resp: 105825
Ion Ratio Lower Upper
146 100
111 46.1 23.1 69.3
148 67.5 32.9 98.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.345 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032109.D
Acq: 22 Aug 2025 14:22

Tgt Ion: 75 Resp: 10096
Ion Ratio Lower Upper
75 100
155 76.8 35.2 105.6
157 95.8 47.5 142.6





#93

1,2,4-Trichlorobenzene

Concen: 20.104 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

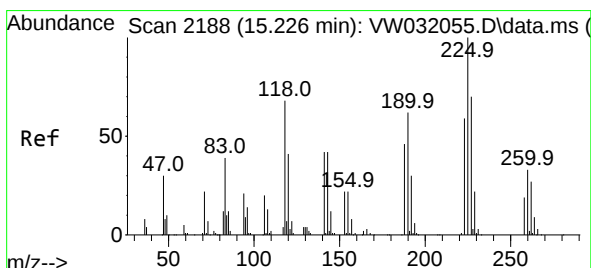
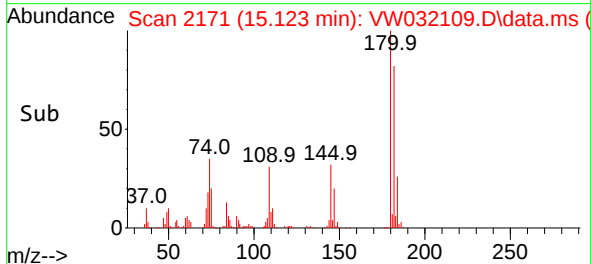
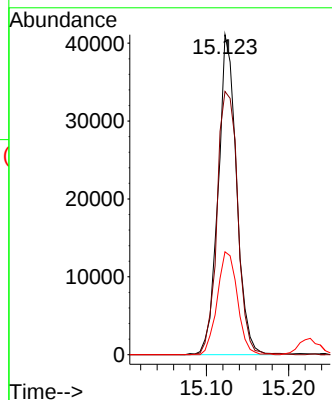
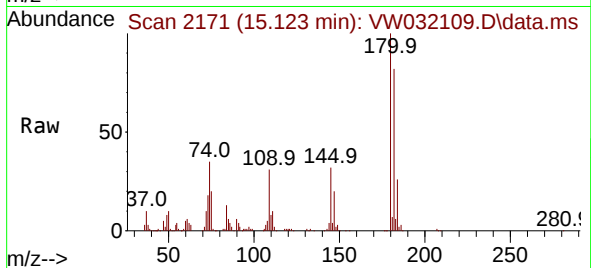
Tgt Ion:180 Resp: 64014

Ion Ratio Lower Upper

180 100

182 92.4 49.0 147.0

145 35.2 17.3 51.9



#94

Hexachlorobutadiene

Concen: 21.831 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

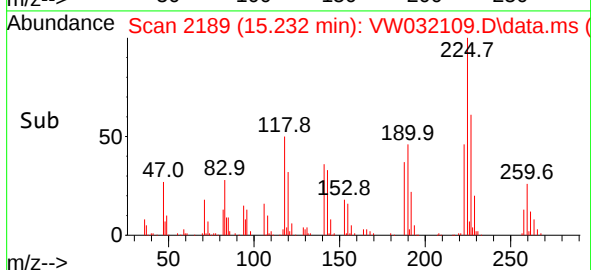
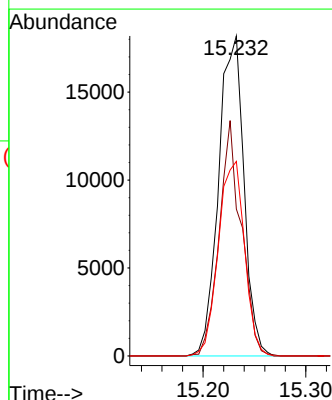
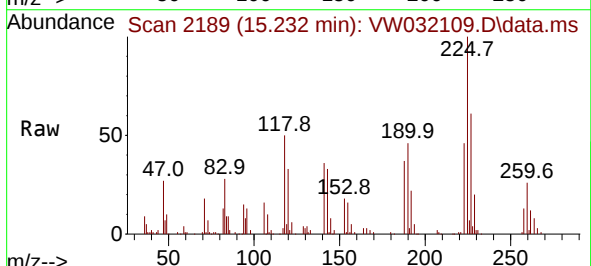
Tgt Ion:225 Resp: 31074

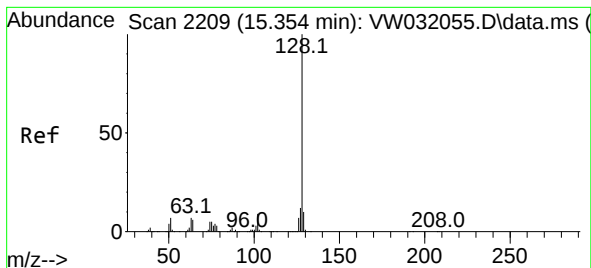
Ion Ratio Lower Upper

225 100

223 64.2 31.8 95.3

227 62.9 33.5 100.5





#95

Naphthalene

Concen: 18.773 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Instrument :

MSVOA_W

ClientSampleId :

VW0822SBS01

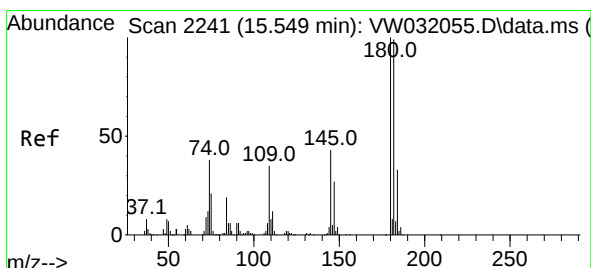
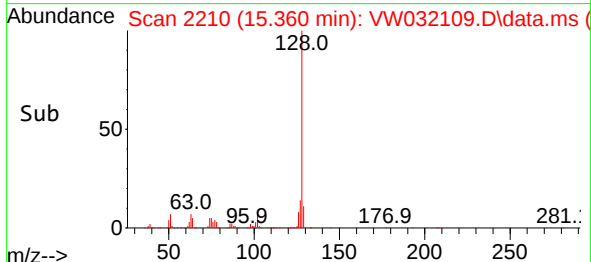
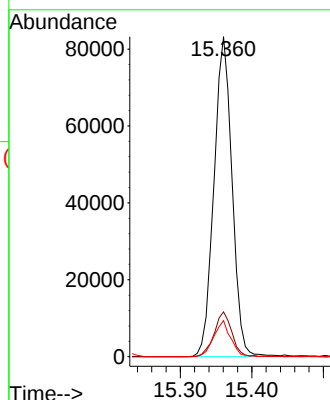
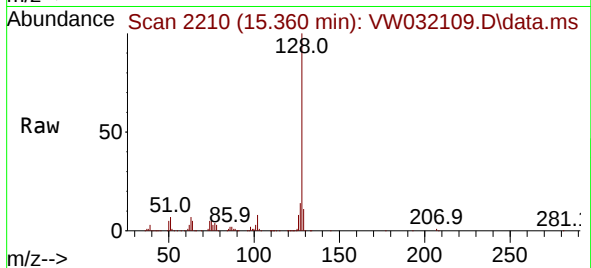
Tgt Ion:128 Resp: 146469

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.5 8.2 12.4



#96

1,2,3-Trichlorobenzene

Concen: 20.817 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032109.D

Acq: 22 Aug 2025 14:22

Tgt Ion:180 Resp: 60310

Ion Ratio Lower Upper

180 100

182 97.7 46.0 138.0

145 35.5 19.2 57.6

