

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032470.D
 Acq On : 18 Nov 2025 10:40
 Operator : SY/MD
 Sample : VW1118SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Quant Time: Nov 19 00:24:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	368383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	685400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	608119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	294055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	255196	53.733	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 107.460%	
35) Dibromofluoromethane	7.898	113	213451	52.015	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 104.020%	
50) Toluene-d8	10.325	98	818872	52.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 104.040%	
62) 4-Bromofluorobenzene	12.617	95	307374	51.685	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	38488	20.593	ug/l	99
3) Chloromethane	2.253	50	71618	22.355	ug/l	93
4) Vinyl Chloride	2.405	62	89842	22.221	ug/l	99
5) Bromomethane	2.820	94	58280	21.549	ug/l	97
6) Chloroethane	2.960	64	56196	21.244	ug/l	97
7) Trichlorofluoromethane	3.301	101	58389	18.419	ug/l	94
8) Diethyl Ether	3.716	74	55714	21.497	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	75306	21.808	ug/l	98
10) Methyl Iodide	4.307	142	119544	21.494	ug/l	98
11) Tert butyl alcohol	5.210	59	48334	117.694	ug/l	97
12) 1,1-Dichloroethene	4.076	96	86906	21.948	ug/l	93
13) Acrolein	3.923	56	64287	93.300	ug/l	99
14) Allyl chloride	4.704	41	159169	20.903	ug/l	97
15) Acrylonitrile	5.399	53	160342	107.002	ug/l	99
16) Acetone	4.155	43	156966	110.471	ug/l	97
17) Carbon Disulfide	4.417	76	245893	21.011	ug/l	99
18) Methyl Acetate	4.710	43	70931	20.159	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	173277	20.760	ug/l	98
20) Methylene Chloride	4.954	84	122854	24.177	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	98918	21.848	ug/l	96
22) Diisopropyl ether	6.337	45	341073	22.000	ug/l	99
23) Vinyl Acetate	6.283	43	1141803	107.495	ug/l	98
24) 1,1-Dichloroethane	6.240	63	188427	22.184	ug/l	99
25) 2-Butanone	7.191	43	215588	102.988	ug/l	99
26) 2,2-Dichloropropane	7.179	77	103861	21.940	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	114228	21.115	ug/l	94
28) Bromochloromethane	7.532	49	91122	22.698	ug/l	98
29) Tetrahydrofuran	7.551	42	140459	105.716	ug/l	99
30) Chloroform	7.691	83	187382	22.535	ug/l	96
31) Cyclohexane	7.965	56	171770	21.862	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	129040	21.723	ug/l	97
36) 1,1-Dichloropropene	8.099	75	131104	21.683	ug/l	99
37) Ethyl Acetate	7.270	43	95031	21.137	ug/l	99
38) Carbon Tetrachloride	8.081	117	116247	21.638	ug/l	98
39) Methylcyclohexane	9.343	83	161283	20.591	ug/l	98
40) Benzene	8.331	78	425541	21.855	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032470.D
 Acq On : 18 Nov 2025 10:40
 Operator : SY/MD
 Sample : VW1118SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Quant Time: Nov 19 00:24:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	52311	21.180	ug/l	97
42) 1,2-Dichloroethane	8.410	62	127207	22.242	ug/l	100
43) Isopropyl Acetate	8.435	43	165173	20.748	ug/l	99
44) Trichloroethene	9.099	130	96297	21.254	ug/l	97
45) 1,2-Dichloropropane	9.373	63	107029	22.075	ug/l	100
46) Dibromomethane	9.465	93	62354	22.008	ug/l	100
47) Bromodichloromethane	9.648	83	140779	21.783	ug/l	98
48) Methyl methacrylate	9.441	41	73852	19.522	ug/l	94
49) 1,4-Dioxane	9.471	88	17446	439.555	ug/l #	95
51) 4-Methyl-2-Pentanone	10.209	43	477160	108.419	ug/l	98
52) Toluene	10.392	92	259957	21.614	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	136548	20.515	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	160370	20.835	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	82820	21.308	ug/l	92
56) Ethyl methacrylate	10.648	69	119127	19.976	ug/l	99
57) 1,3-Dichloropropane	10.934	76	150767	21.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	342033	107.697	ug/l	99
59) 2-Hexanone	10.971	43	328980	102.168	ug/l	98
60) Dibromochloromethane	11.129	129	90761	20.911	ug/l	99
61) 1,2-Dibromoethane	11.233	107	80832	21.353	ug/l	98
64) Tetrachloroethene	10.861	164	78315	21.747	ug/l	91
65) Chlorobenzene	11.654	112	283163	21.604	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.727	131	87522	21.576	ug/l	99
67) Ethyl Benzene	11.727	91	480261	21.176	ug/l	97
68) m/p-Xylenes	11.836	106	370819	43.548	ug/l	98
69) o-Xylene	12.166	106	174282	21.376	ug/l	96
70) Styrene	12.178	104	303516	21.640	ug/l	99
71) Bromoform	12.349	173	48193	20.058	ug/l #	99
73) Isopropylbenzene	12.464	105	433479	20.072	ug/l	100
74) N-amyl acetate	12.269	43	148008	19.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	108325	21.135	ug/l	97
76) 1,2,3-Trichloropropane	12.763	75	133187	33.033	ug/l	36
77) Bromobenzene	12.745	156	108802	21.278	ug/l	99
78) n-propylbenzene	12.800	91	561613	21.354	ug/l	97
79) 2-Chlorotoluene	12.891	91	334404	20.828	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	361865	20.310	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	33360	18.951	ug/l	93
82) 4-Chlorotoluene	12.989	91	350145	20.968	ug/l	96
83) tert-Butylbenzene	13.202	119	308467	19.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	377306	20.820	ug/l	100
85) sec-Butylbenzene	13.379	105	461376	19.988	ug/l	100
86) p-Isopropyltoluene	13.495	119	385969	20.252	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	205508	21.198	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	206055	20.746	ug/l	97
89) n-Butylbenzene	13.818	91	376028	20.195	ug/l	98
90) Hexachloroethane	14.086	117	68760	20.010	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	188016	21.126	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	16916	19.159	ug/l	98
93) 1,2,4-Trichlorobenzene	15.122	180	113600	20.059	ug/l	98
94) Hexachlorobutadiene	15.226	225	47617	20.241	ug/l	97
95) Naphthalene	15.354	128	253885	17.977	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	102712	19.976	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
Data File : VW032470.D
Acq On : 18 Nov 2025 10:40
Operator : SY/MD
Sample : VW1118SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

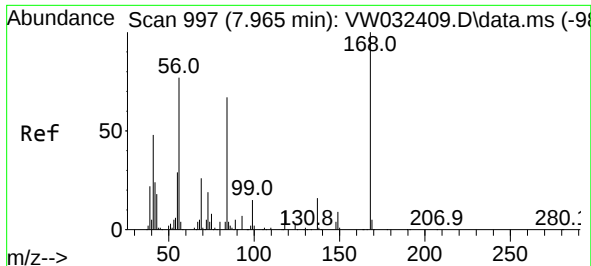
Quant Time: Nov 19 00:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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

Quant Time: Nov 19 00:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

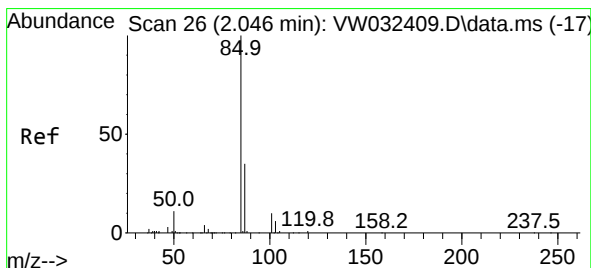
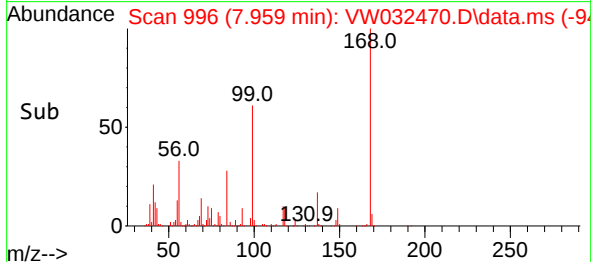
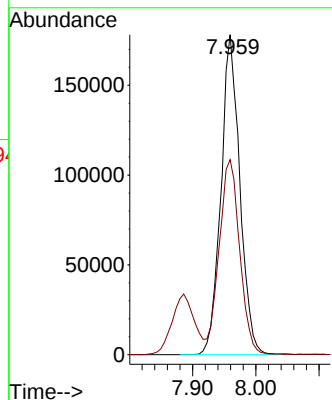
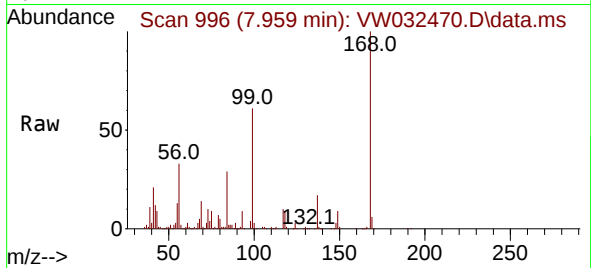




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

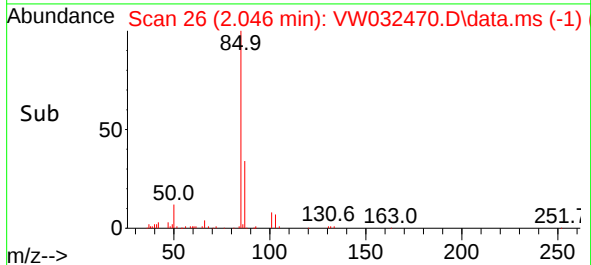
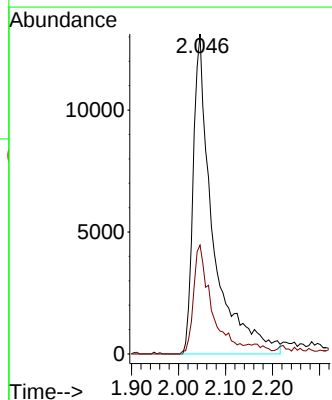
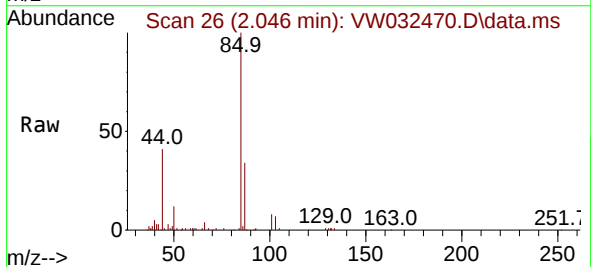
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:168 Resp: 368383
Ion Ratio Lower Upper
168 100
99 60.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 20.593 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 85 Resp: 38488
Ion Ratio Lower Upper
85 100
87 34.0 17.4 52.2

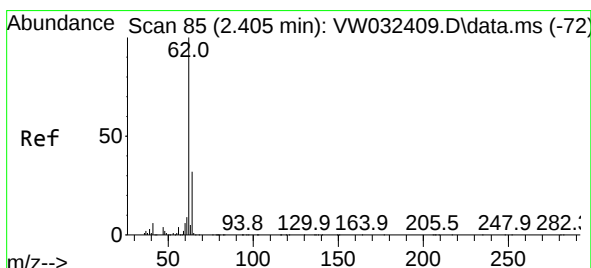
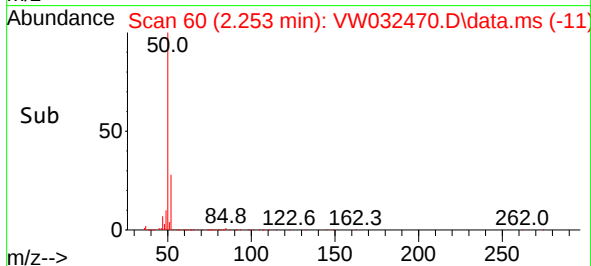
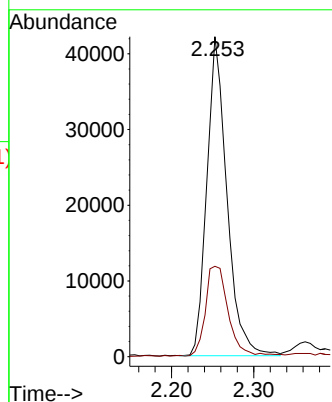
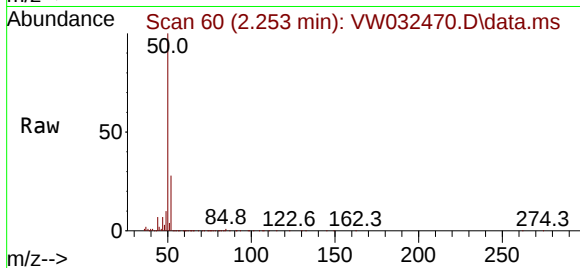




#3
Chloromethane
Concen: 22.355 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

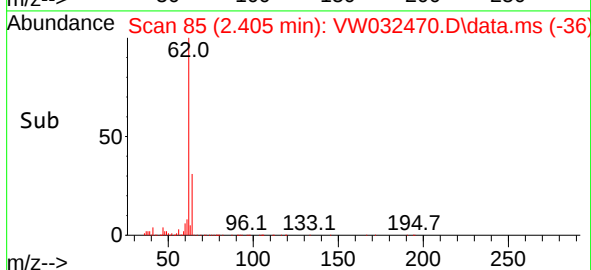
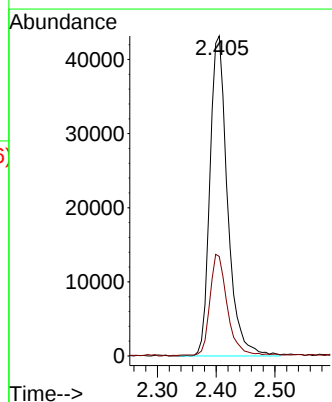
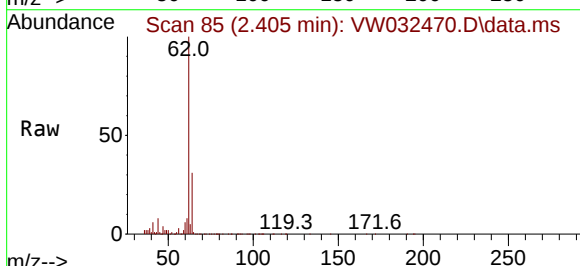
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

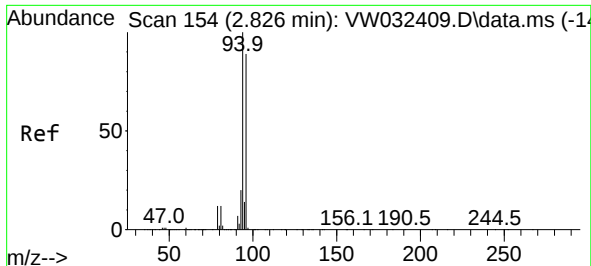
Tgt Ion: 50 Resp: 71618
Ion Ratio Lower Upper
50 100
52 27.9 25.5 38.3



#4
Vinyl Chloride
Concen: 22.221 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 62 Resp: 89842
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8

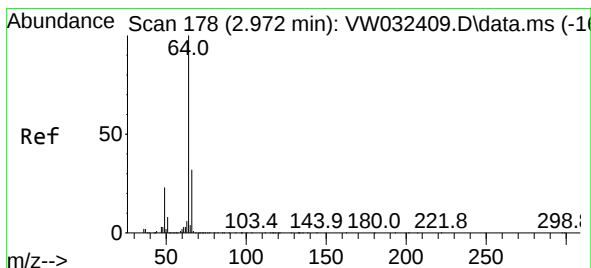
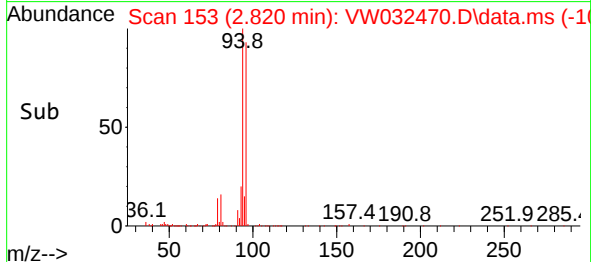
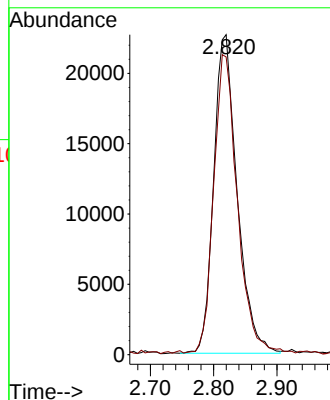
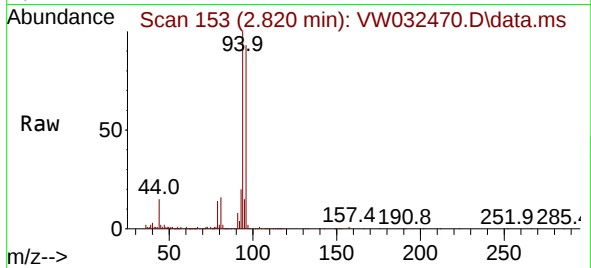




#5
Bromomethane
Concen: 21.549 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

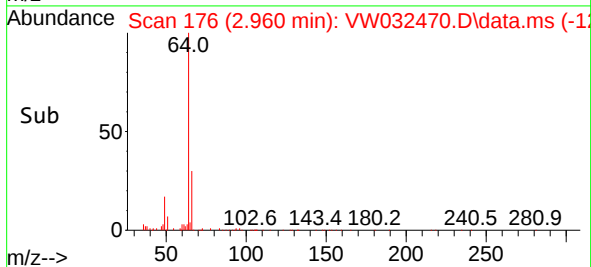
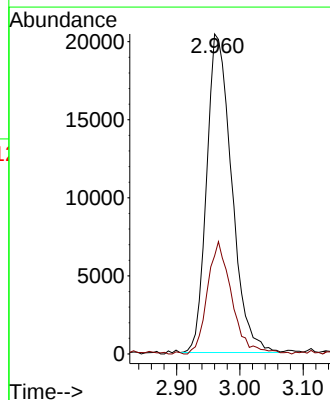
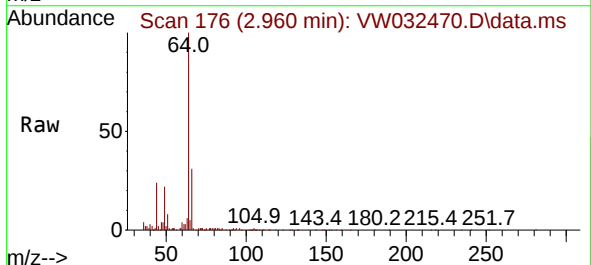
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

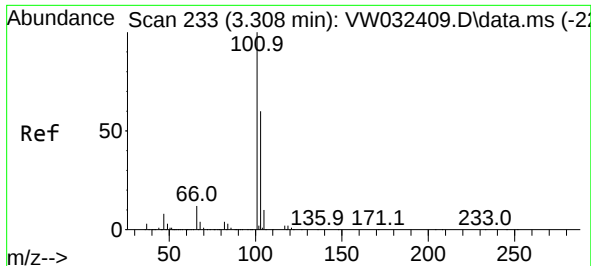
Tgt Ion: 94 Resp: 58280
Ion Ratio Lower Upper
94 100
96 92.2 71.4 107.2



#6
Chloroethane
Concen: 21.244 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.012 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 64 Resp: 56196
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4

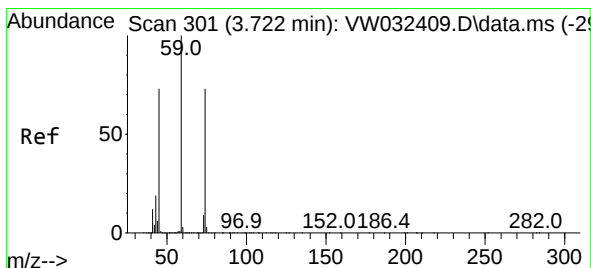
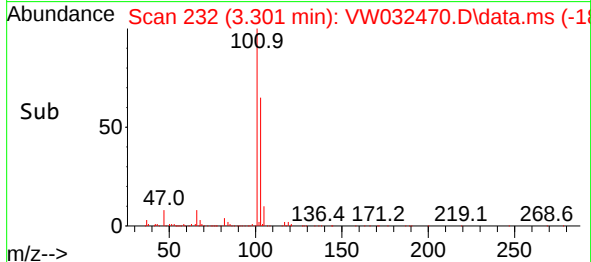
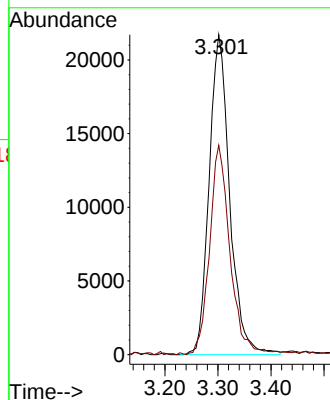
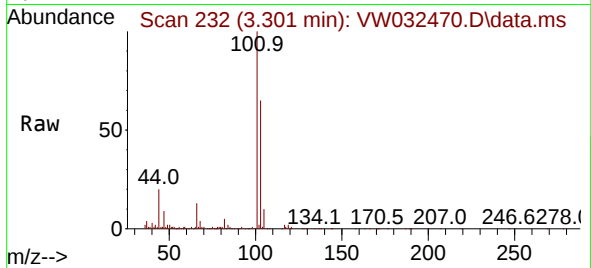




#7
 Trichlorofluoromethane
 Concen: 18.419 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

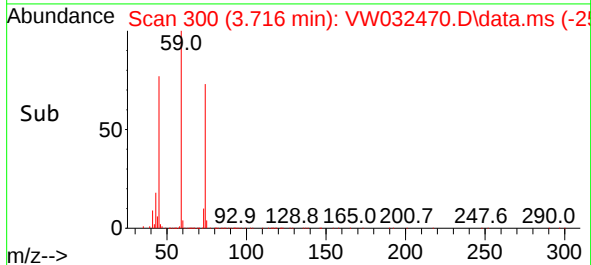
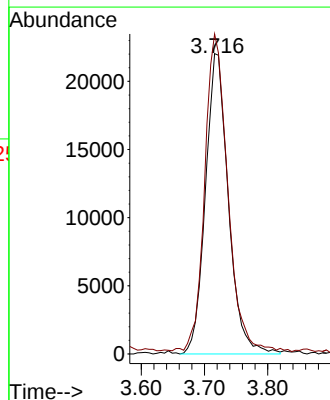
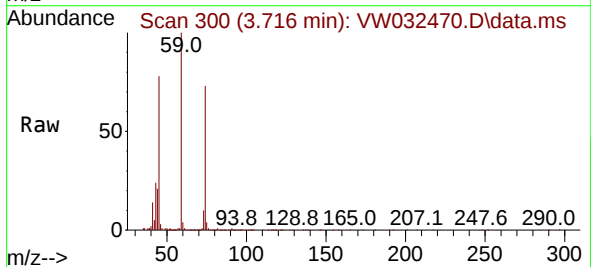
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

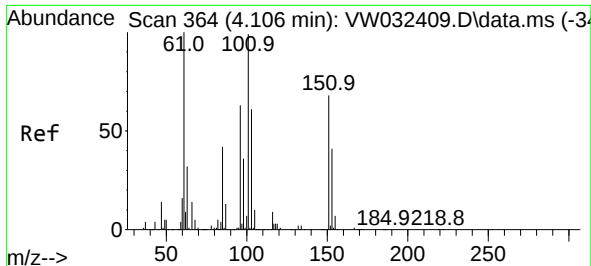
Tgt Ion:101 Resp: 58389
 Ion Ratio Lower Upper
 101 100
 103 64.8 48.0 72.0



#8
 Diethyl Ether
 Concen: 21.497 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion: 74 Resp: 55714
 Ion Ratio Lower Upper
 74 100
 45 106.2 51.8 155.4

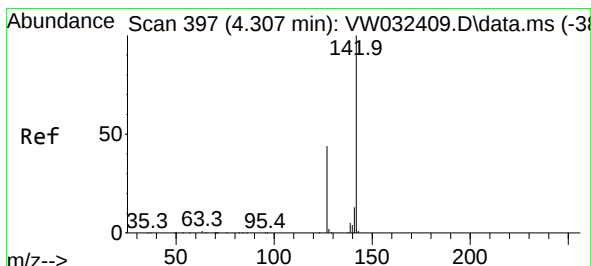
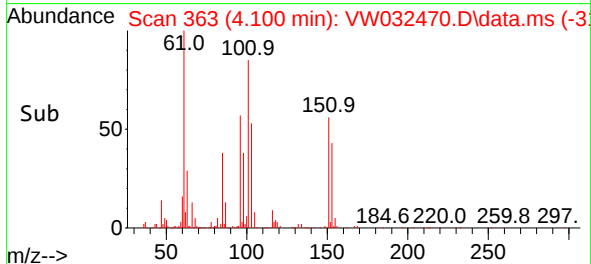
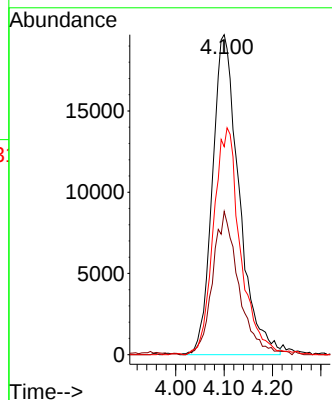
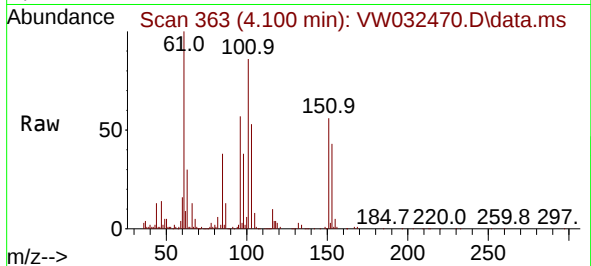




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.808 ug/l
 RT: 4.100 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

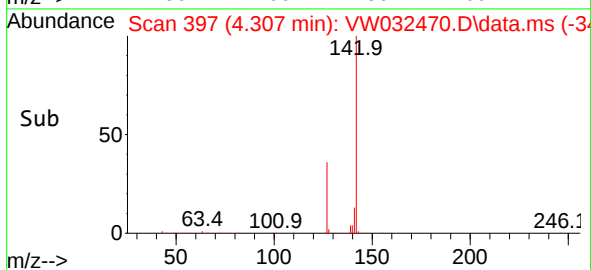
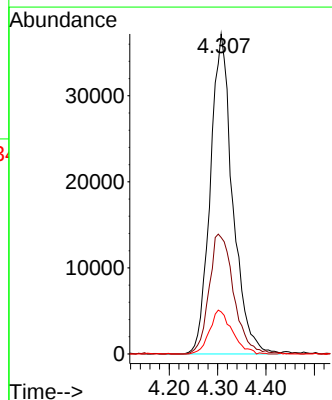
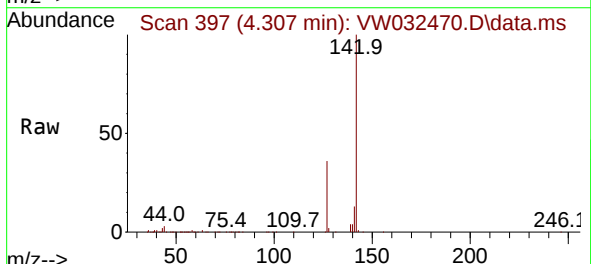
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

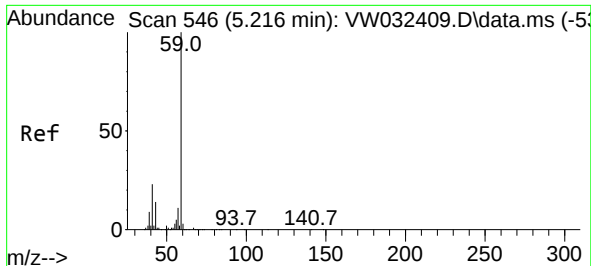
Tgt Ion:101 Resp: 75306
 Ion Ratio Lower Upper
 101 100
 85 43.9 34.1 51.1
 151 71.9 56.4 84.6



#10
 Methyl Iodide
 Concen: 21.494 ug/l
 RT: 4.307 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion:142 Resp: 119544
 Ion Ratio Lower Upper
 142 100
 127 41.2 34.2 51.2
 141 13.9 11.8 17.8

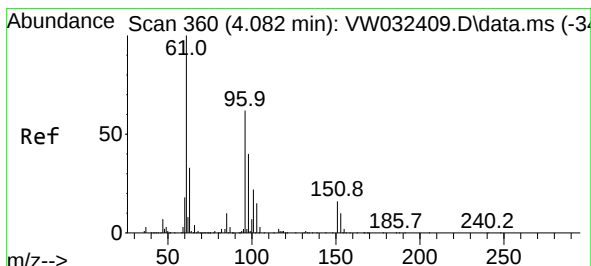
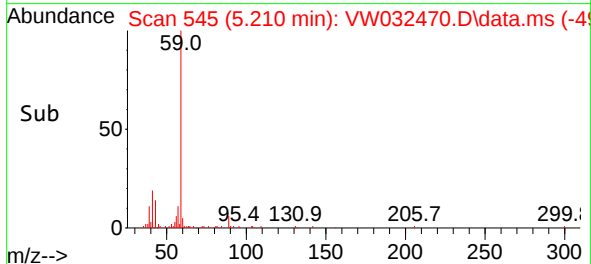
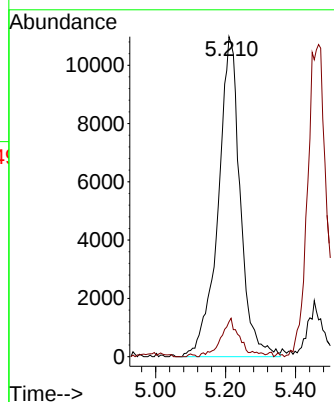
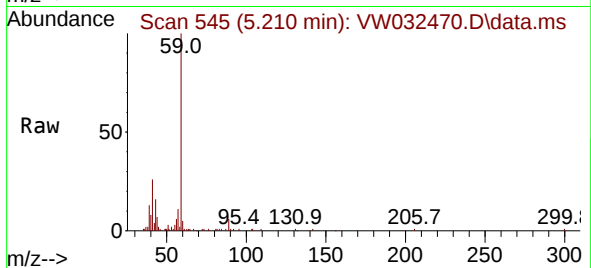




#11
Tert butyl alcohol
Concen: 117.694 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

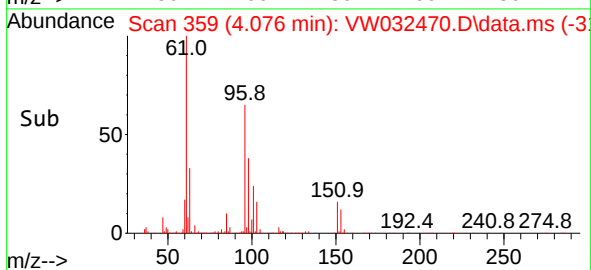
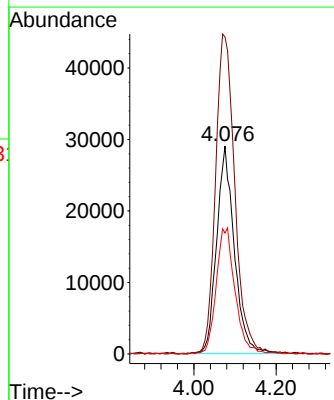
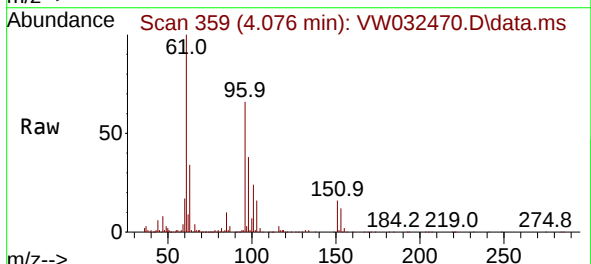
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

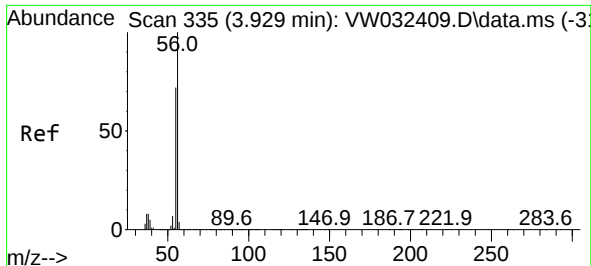
Tgt Ion: 59 Resp: 48334
Ion Ratio Lower Upper
59 100
57 9.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.948 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 96 Resp: 86906
Ion Ratio Lower Upper
96 100
61 152.9 129.0 193.6
98 58.1 51.1 76.7

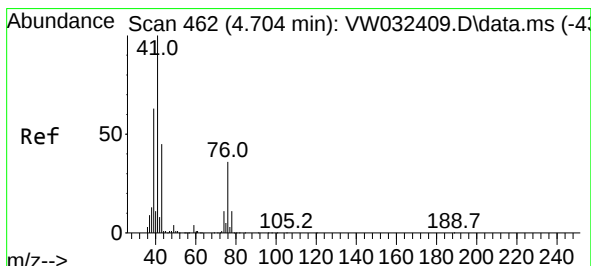
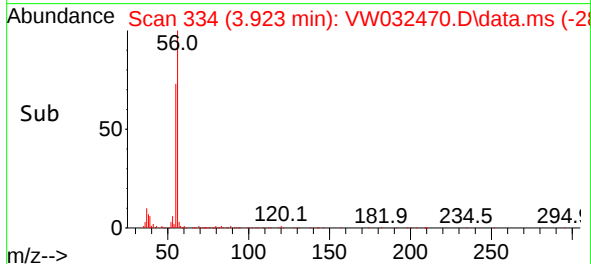
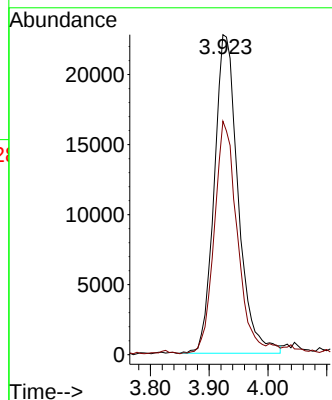
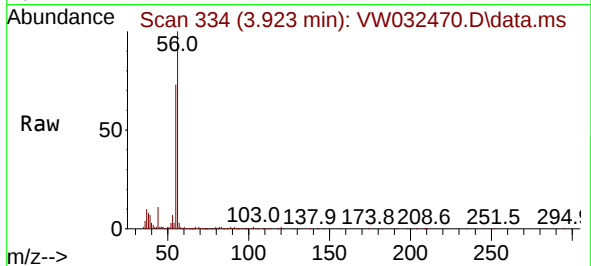




#13
Acrolein
Concen: 93.300 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

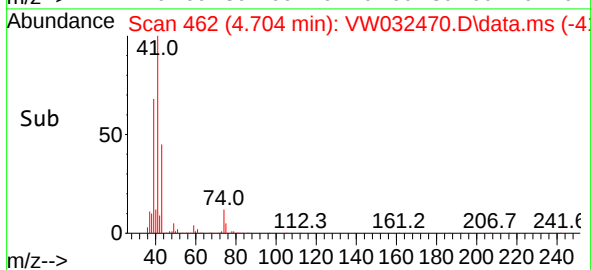
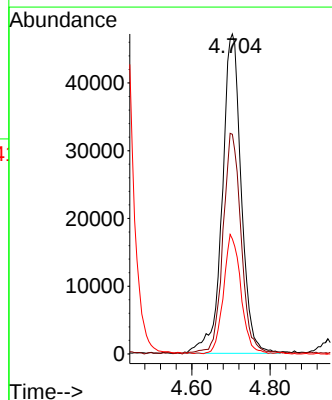
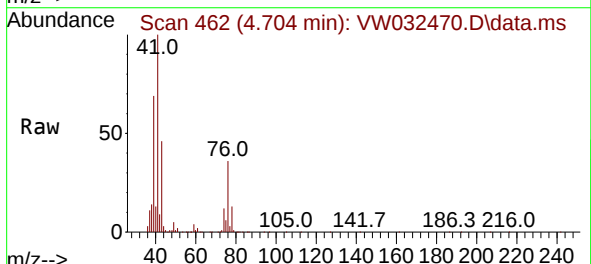
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

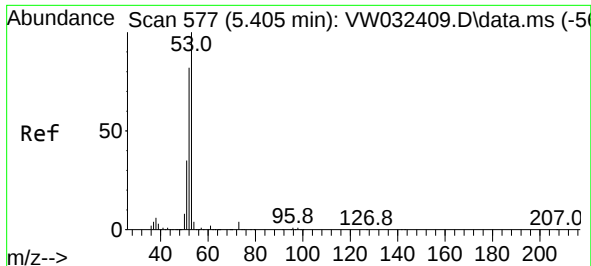
Tgt Ion: 56 Resp: 64287
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5



#14
Allyl chloride
Concen: 20.903 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 41 Resp: 159169
Ion Ratio Lower Upper
41 100
39 66.7 50.2 75.2
76 34.0 27.0 40.6

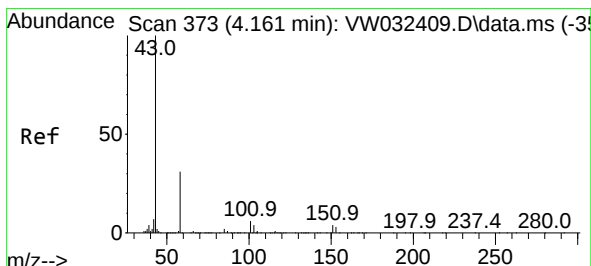
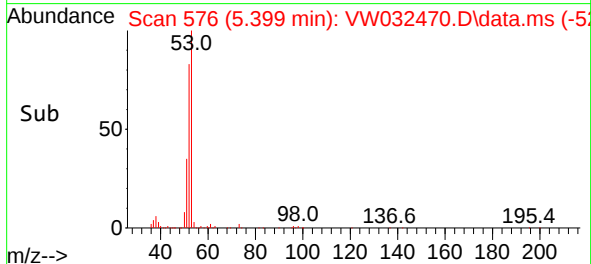
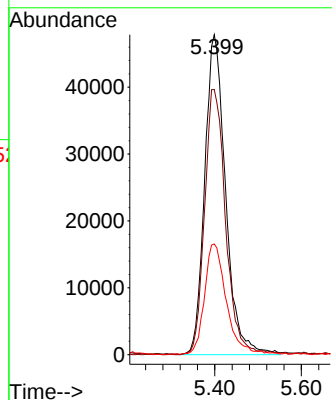
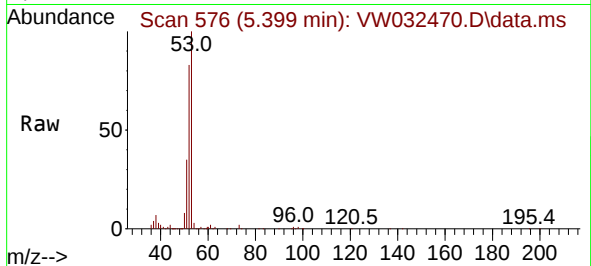




#15
Acrylonitrile
Concen: 107.002 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

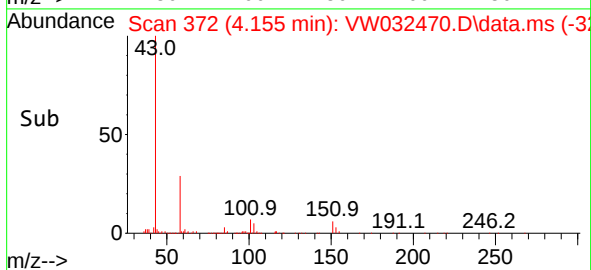
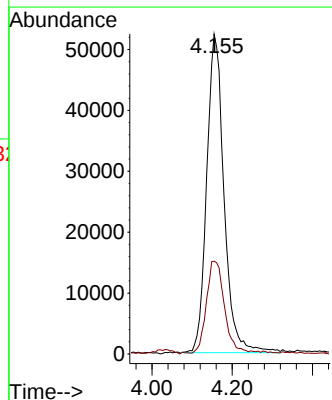
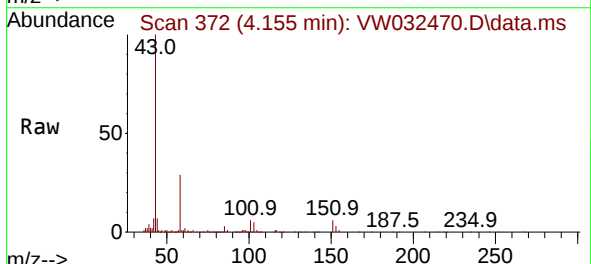
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

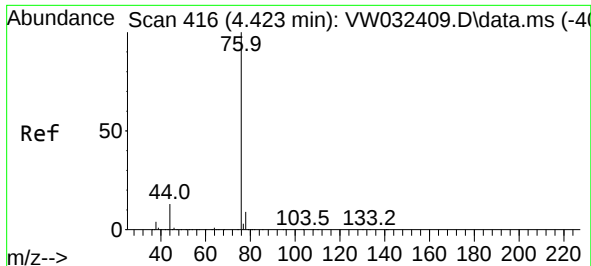
Tgt Ion: 53 Resp: 160342
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 36.5 28.6 43.0



#16
Acetone
Concen: 110.471 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 43 Resp: 156966
Ion Ratio Lower Upper
43 100
58 29.1 24.8 37.2

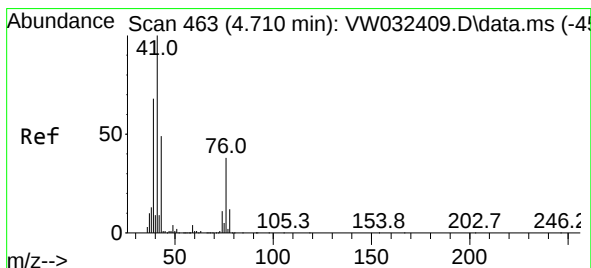
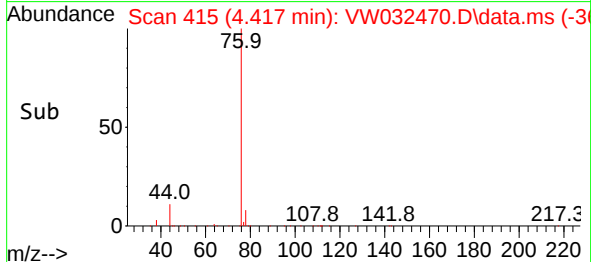
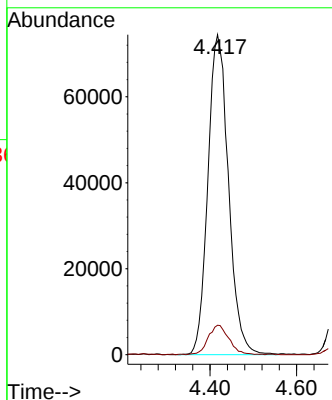
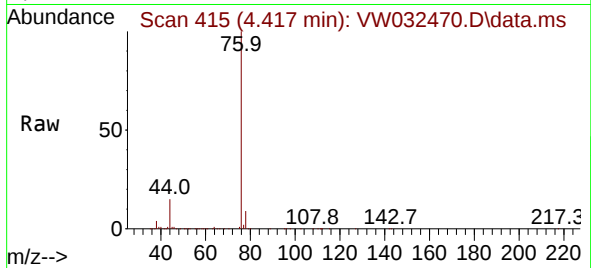




#17
Carbon Disulfide
Concen: 21.011 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

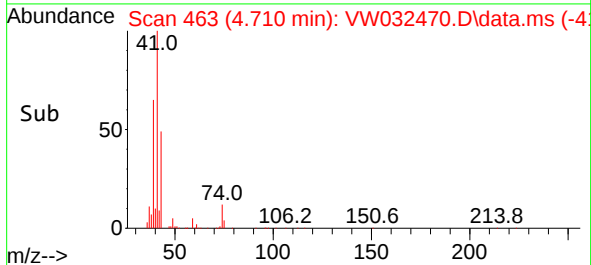
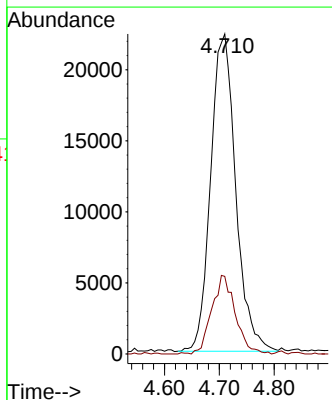
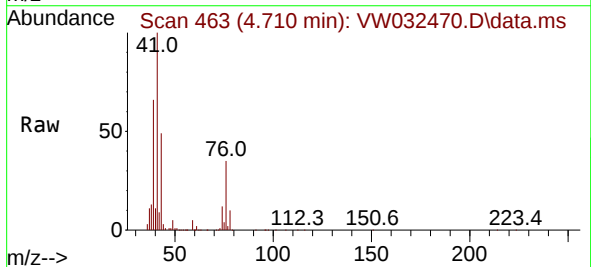
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

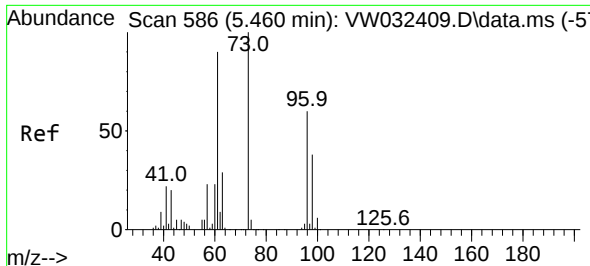
Tgt Ion: 76 Resp: 245893
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 20.159 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 43 Resp: 70931
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3

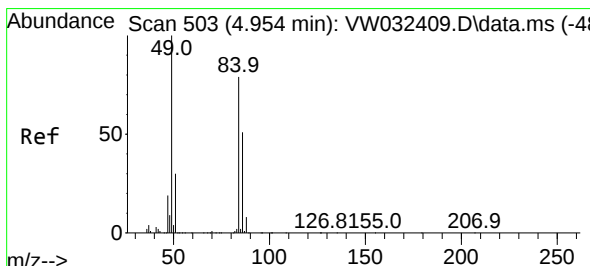
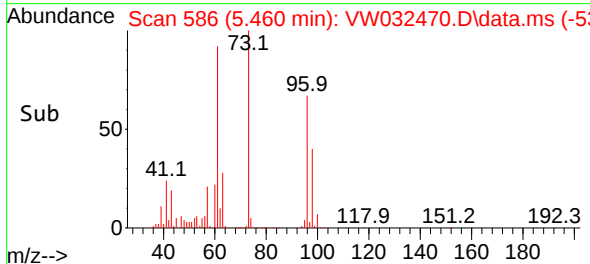
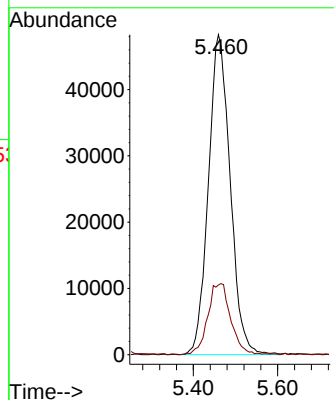
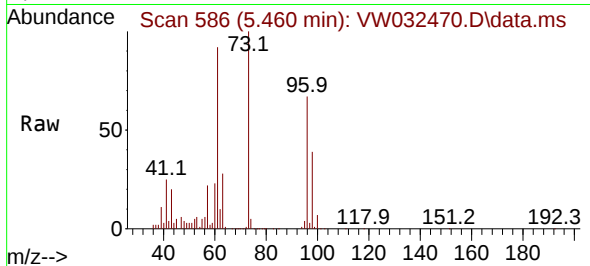




#19
Methyl tert-butyl Ether
Concen: 20.760 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

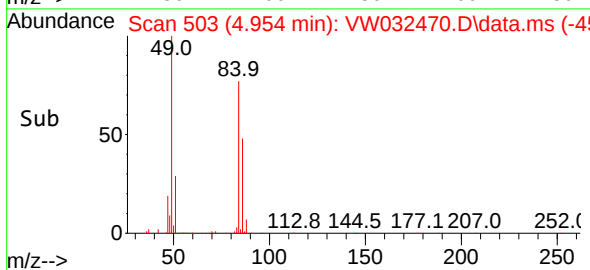
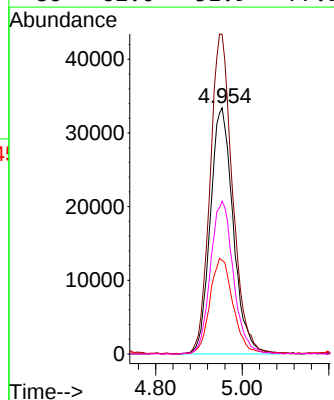
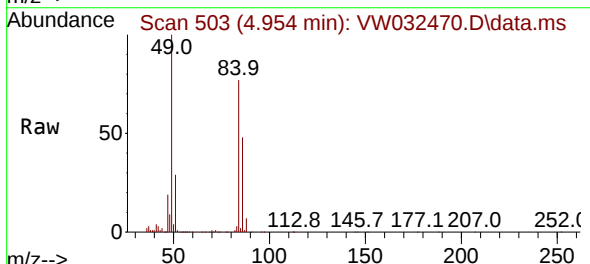
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

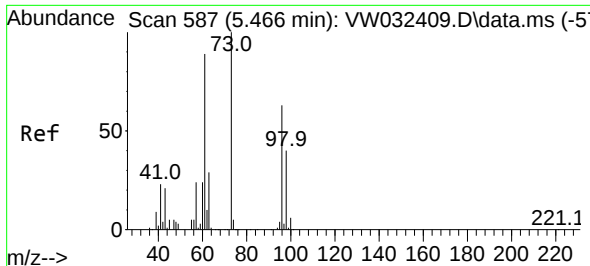
Tgt Ion: 73 Resp: 173277
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 24.177 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 84 Resp: 122854
Ion Ratio Lower Upper
84 100
49 129.9 101.5 152.3
51 38.0 30.6 46.0
86 62.0 51.9 77.9

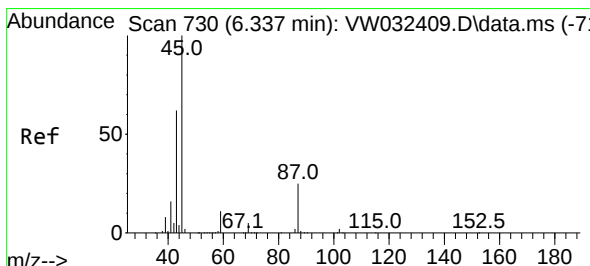
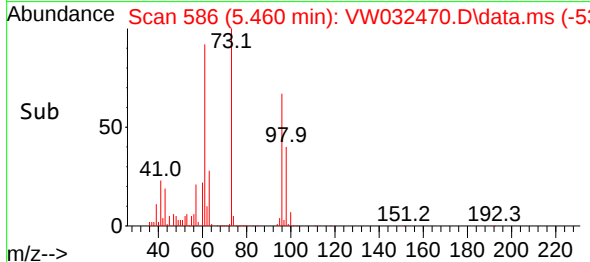
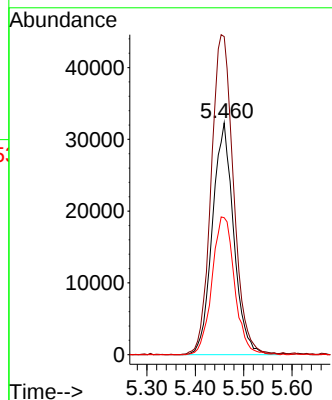
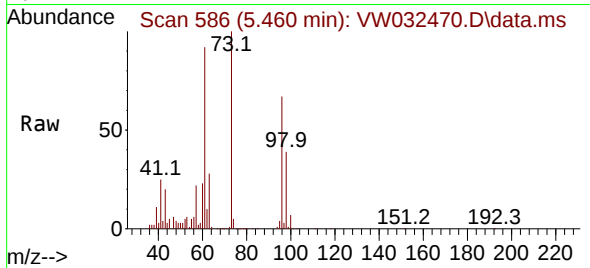




#21
trans-1,2-Dichloroethene
Concen: 21.848 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

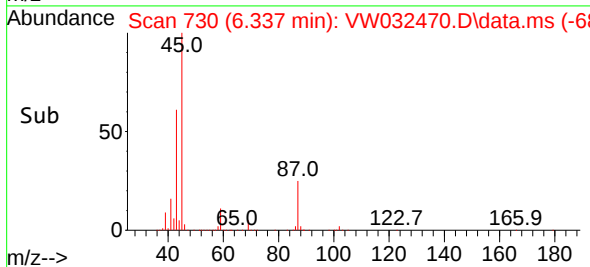
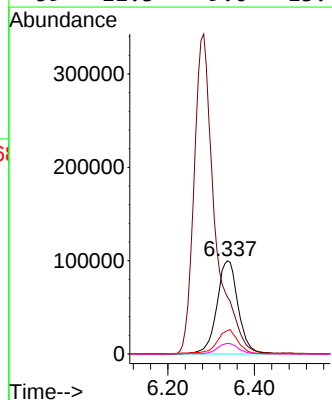
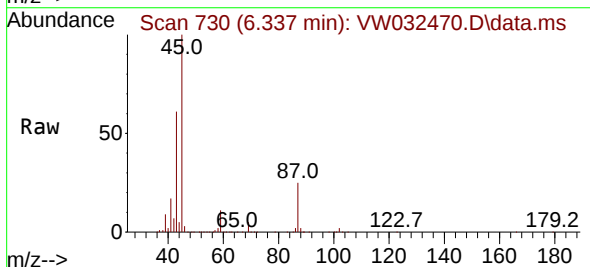
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

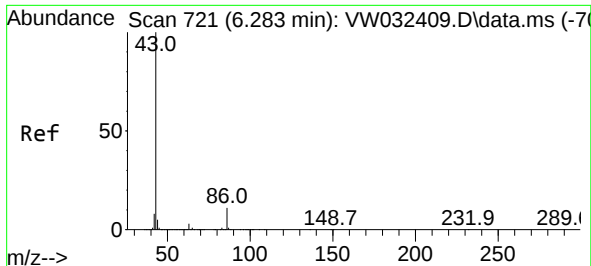
Tgt Ion: 96 Resp: 98918
Ion Ratio Lower Upper
96 100
61 137.2 112.5 168.7
98 59.0 51.1 76.7



#22
Diisopropyl ether
Concen: 22.000 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 45 Resp: 341073
Ion Ratio Lower Upper
45 100
43 60.1 49.4 74.2
87 25.0 20.1 30.1
59 11.3 9.0 13.4

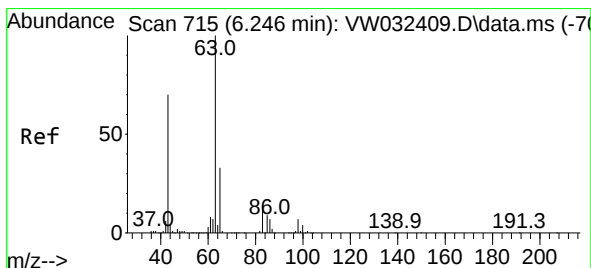
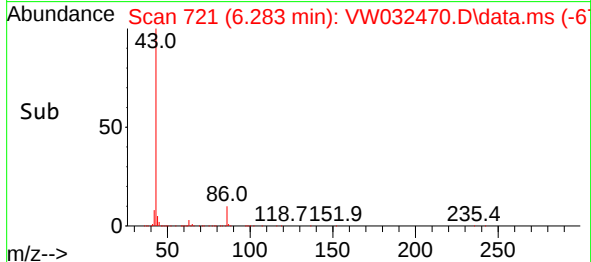
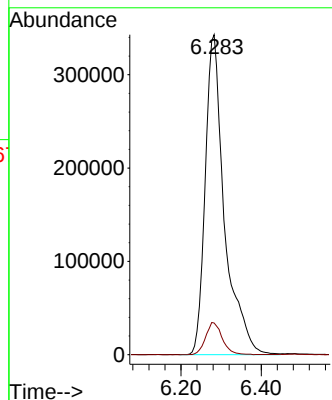
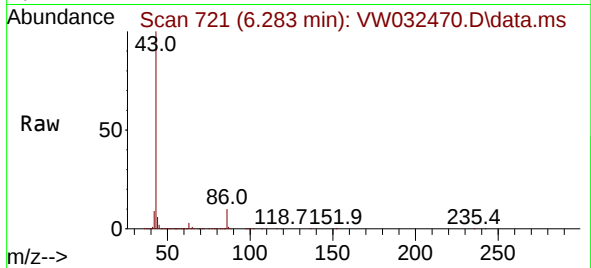




#23
 Vinyl Acetate
 Concen: 107.495 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

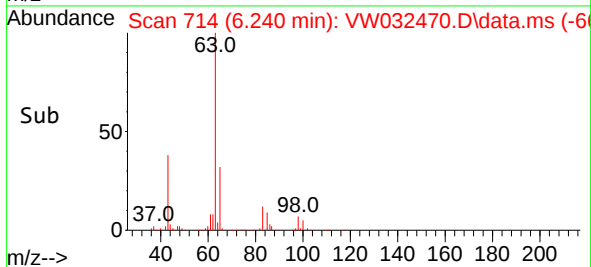
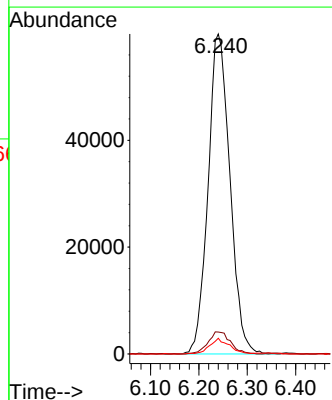
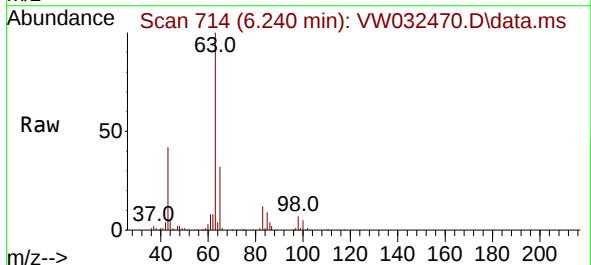
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

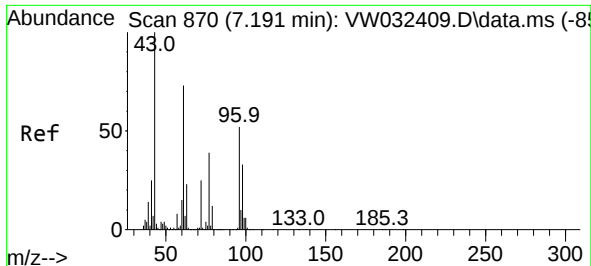
Tgt Ion: 43 Resp: 1141803
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.184 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion: 63 Resp: 188427
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.9 2.3 6.8

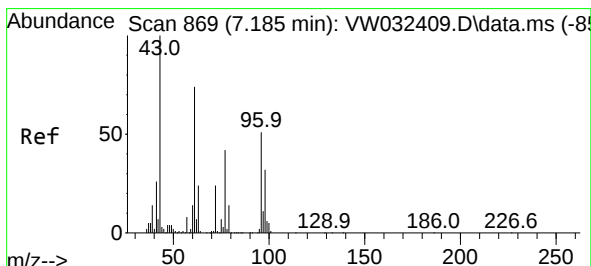
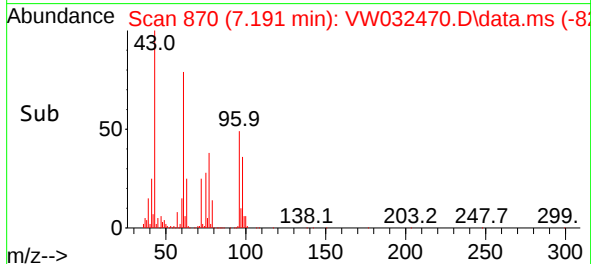
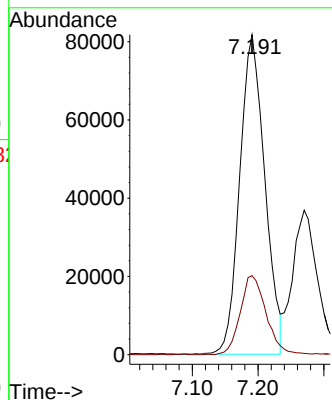
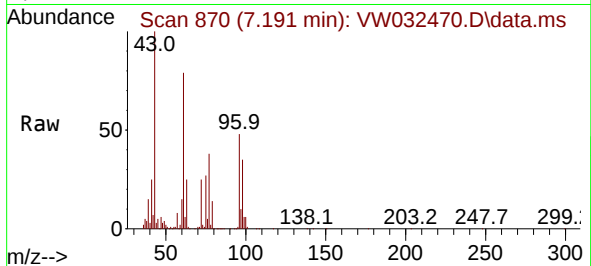




#25
2-Butanone
Concen: 102.988 ug/l
RT: 7.191 min Scan# 81
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

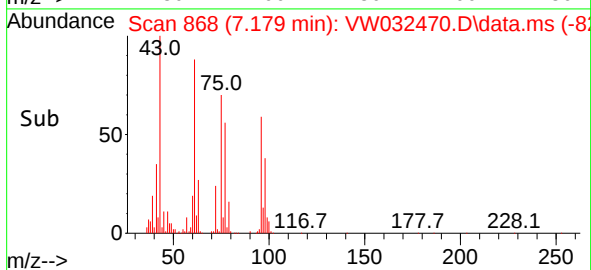
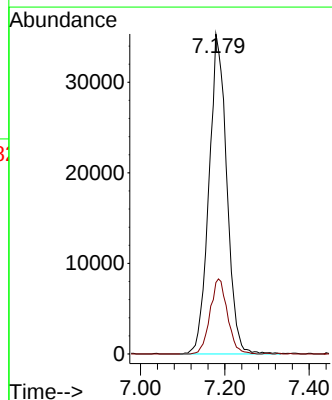
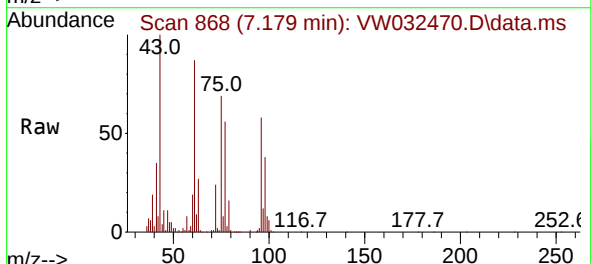
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

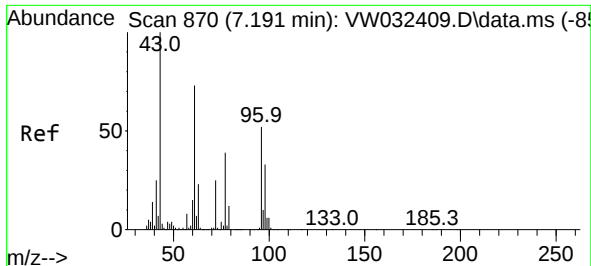
Tgt Ion: 43 Resp: 215588
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0



#26
2,2-Dichloropropane
Concen: 21.940 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 77 Resp: 103861
Ion Ratio Lower Upper
77 100
97 22.8 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 21.115 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

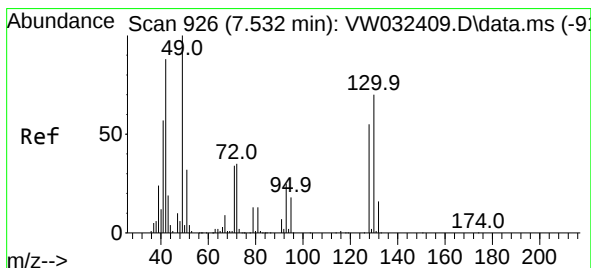
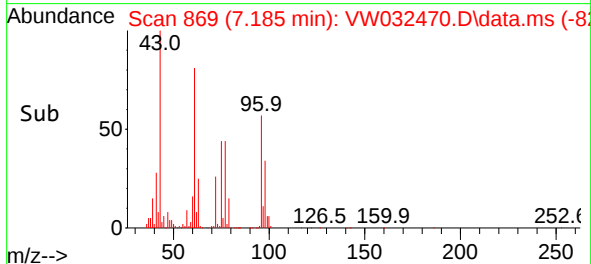
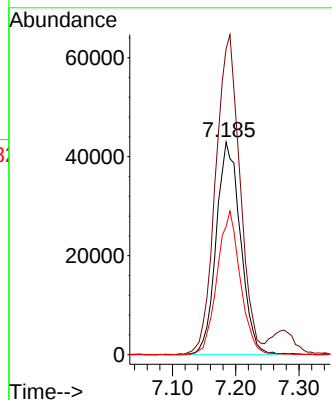
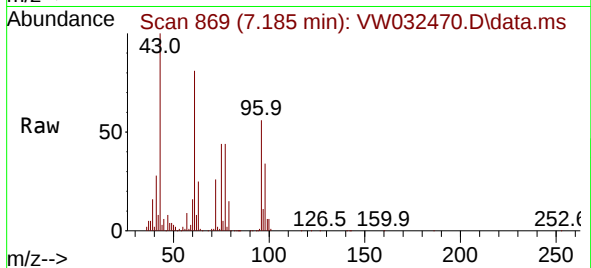
Tgt Ion: 96 Resp: 114228

Ion Ratio Lower Upper

96 100

61 152.1 0.0 282.6

98 64.8 0.0 128.6



#28

Bromochloromethane

Concen: 22.698 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

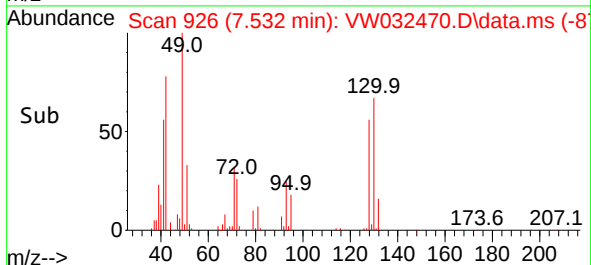
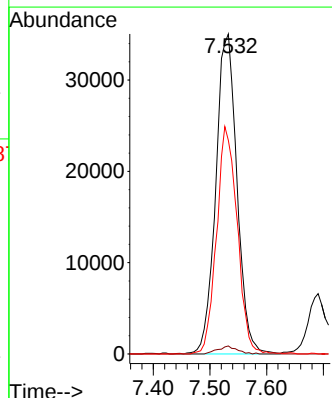
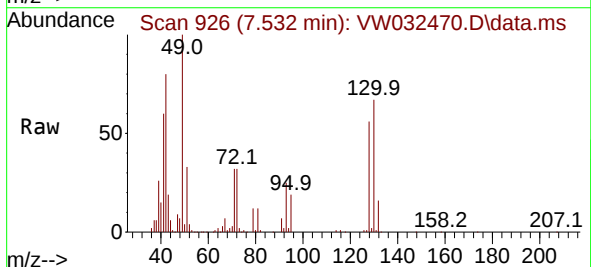
Tgt Ion: 49 Resp: 91122

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 69.1 56.9 85.3





#29

Tetrahydrofuran

Concen: 105.716 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

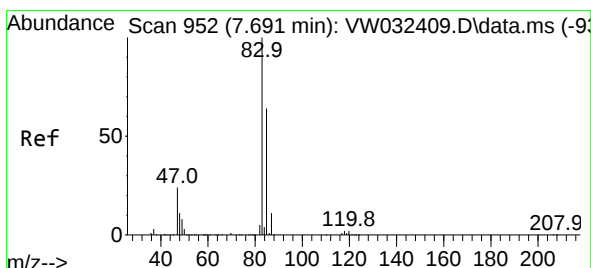
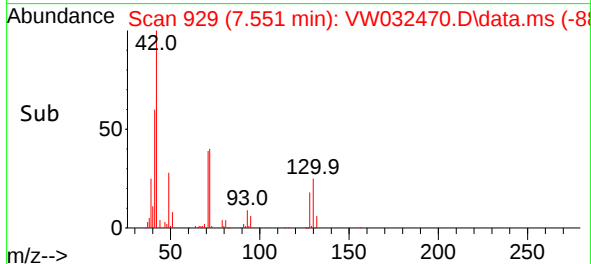
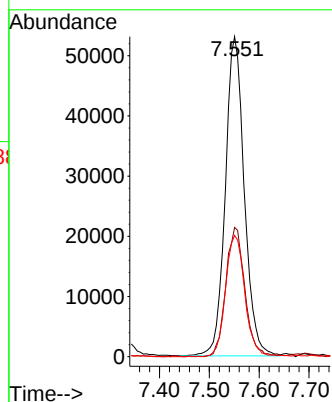
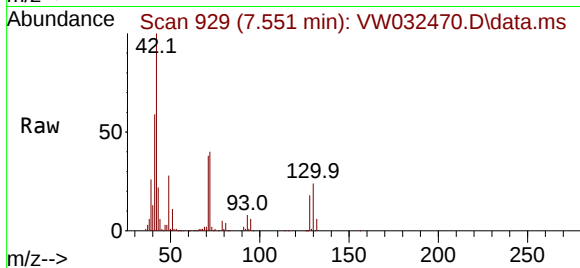
Tgt Ion: 42 Resp: 140459

Ion Ratio Lower Upper

42 100

72 40.7 33.6 50.4

71 38.8 31.4 47.0



#30

Chloroform

Concen: 22.535 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032470.D

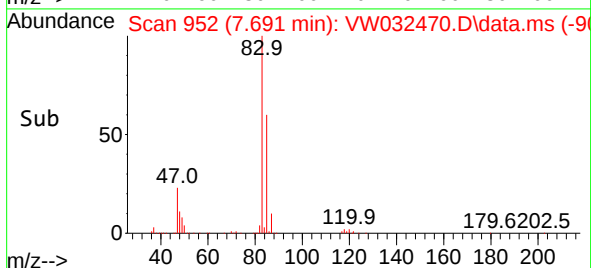
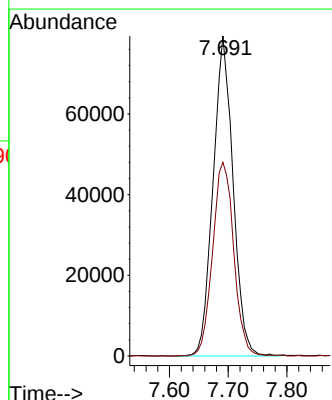
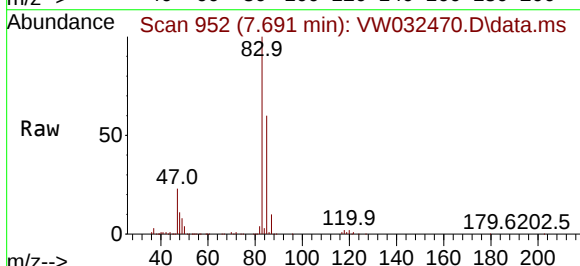
Acq: 18 Nov 2025 10:40

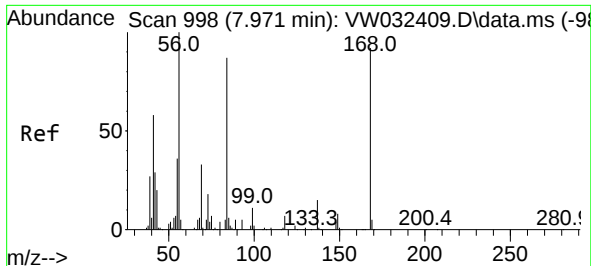
Tgt Ion: 83 Resp: 187382

Ion Ratio Lower Upper

83 100

85 60.4 51.0 76.4

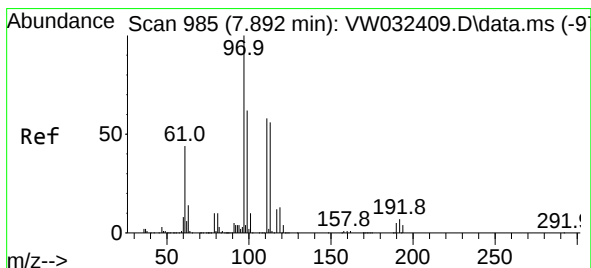
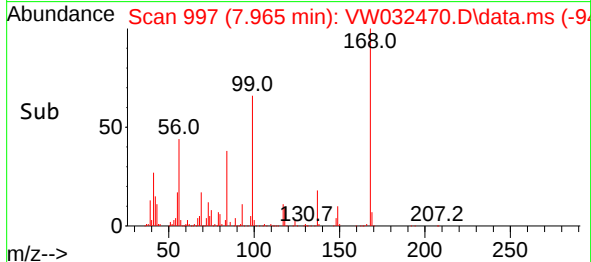
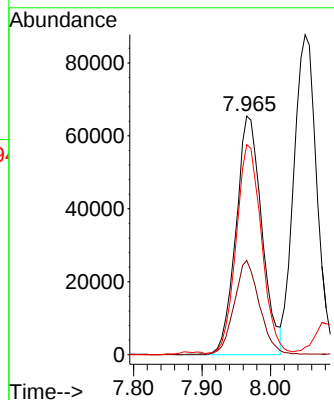
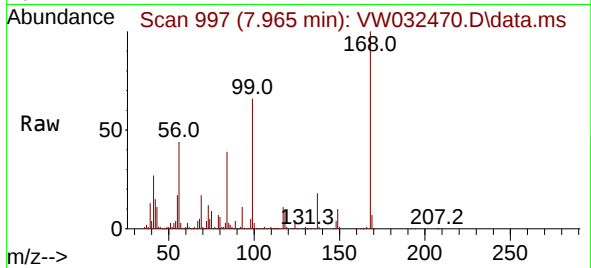




#31
Cyclohexane
Concen: 21.862 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

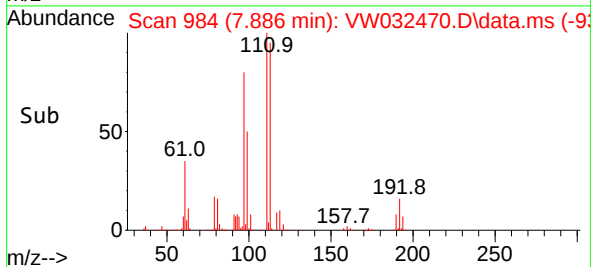
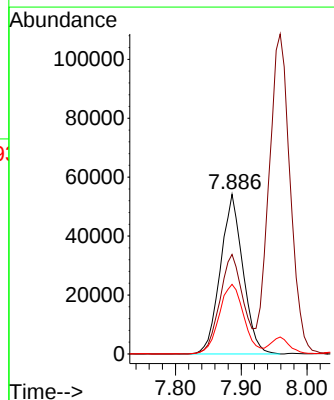
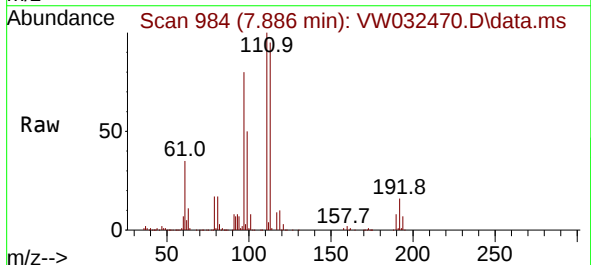
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

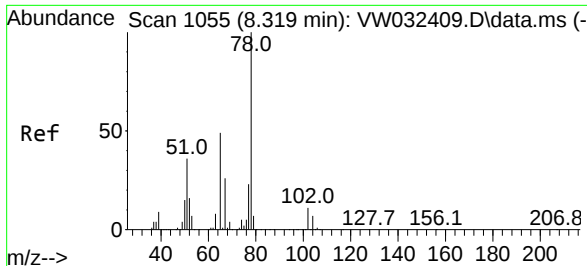
Tgt Ion: 56 Resp: 171770
Ion Ratio Lower Upper
56 100
69 39.5 26.5 39.7
84 87.4 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 21.723 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 97 Resp: 129040
Ion Ratio Lower Upper
97 100
99 63.9 51.8 77.8
61 48.2 35.5 53.3

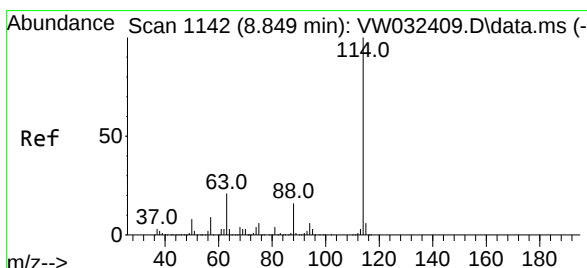
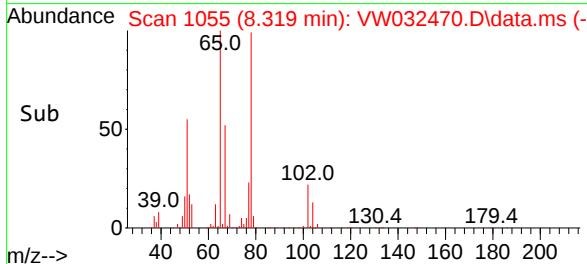
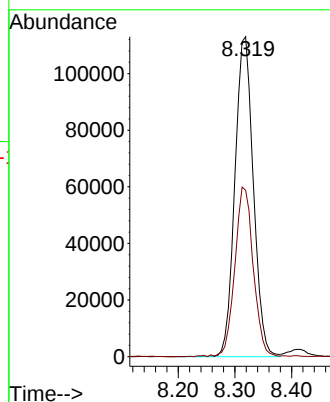
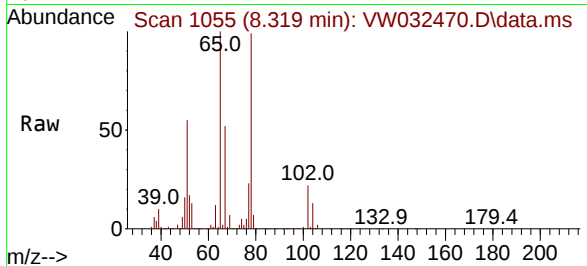




#33
 1,2-Dichloroethane-d4
 Concen: 53.733 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

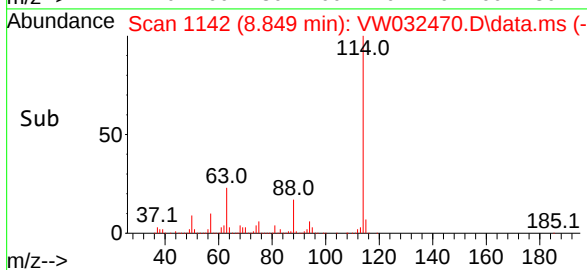
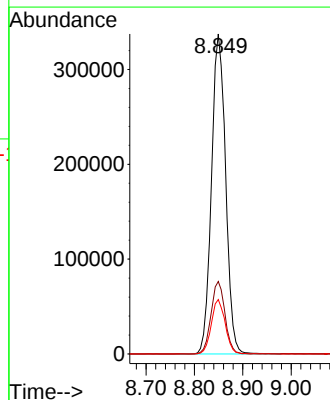
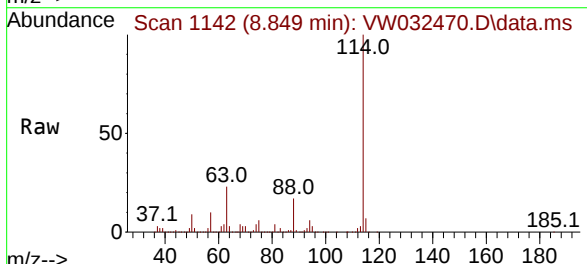
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

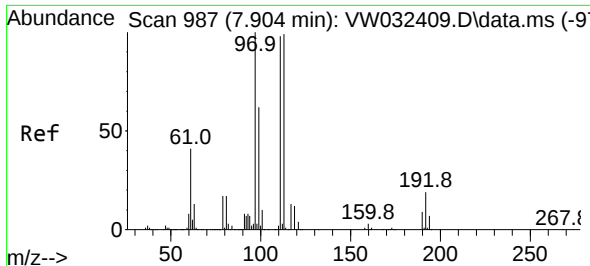
Tgt Ion: 65 Resp: 255196
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion: 114 Resp: 685400
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 41.8
 88 17.0 0.0 32.6

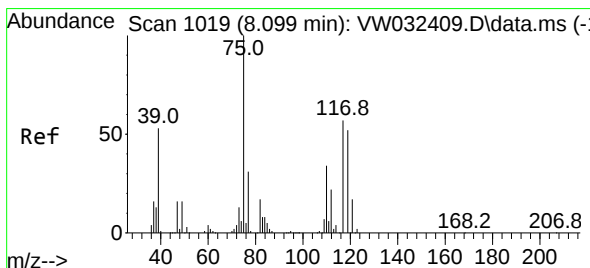
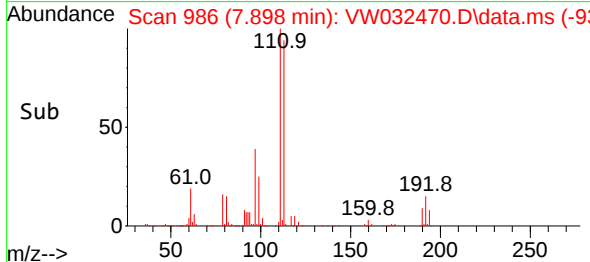
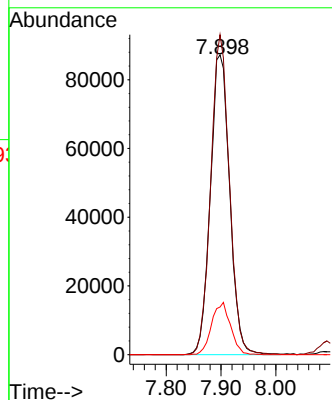
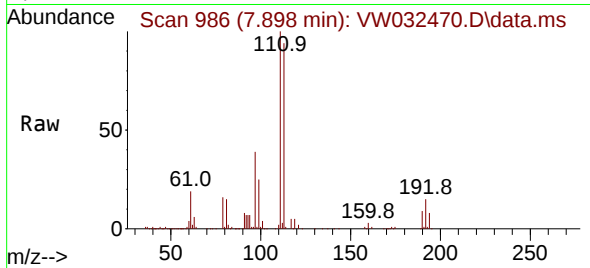




#35
 Dibromofluoromethane
 Concen: 52.015 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

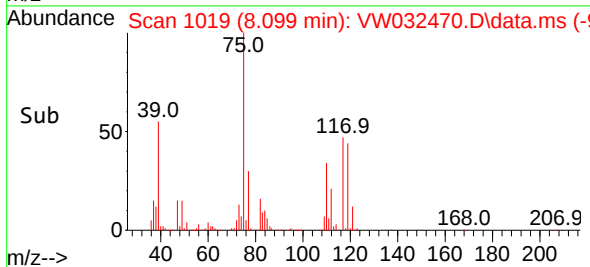
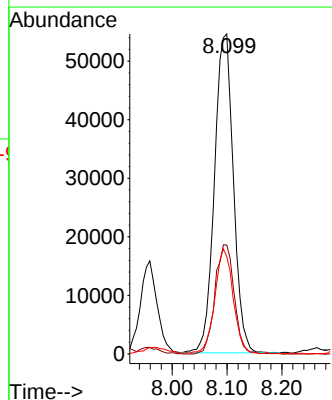
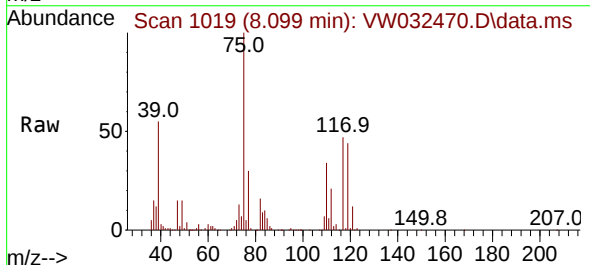
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

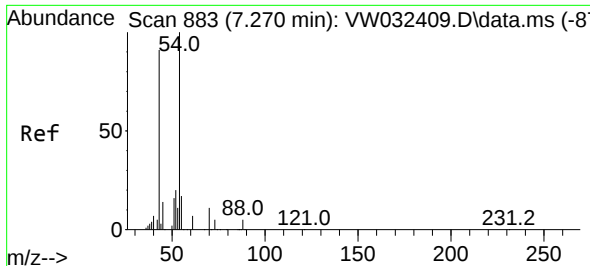
Tgt Ion:113 Resp: 213451
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.1 124.7
 192 17.1 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 21.683 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion: 75 Resp: 131104
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.2 51.5
 77 31.7 24.5 36.7

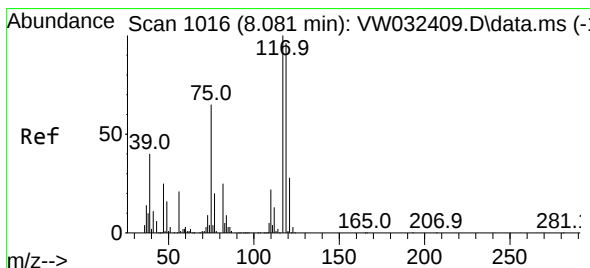
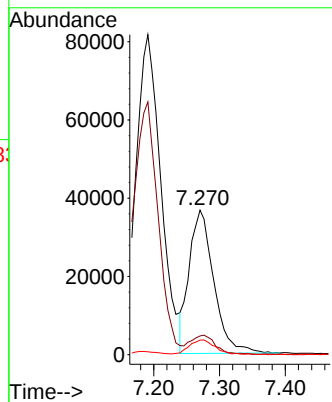
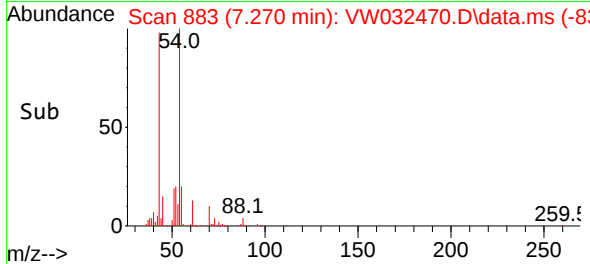
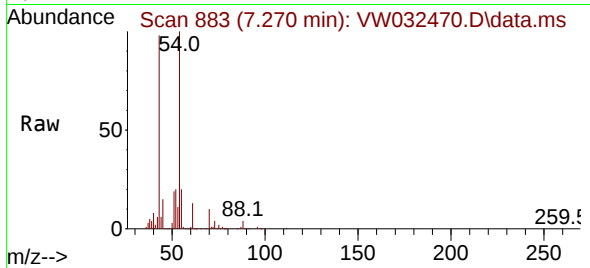




#37
Ethyl Acetate
Concen: 21.137 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

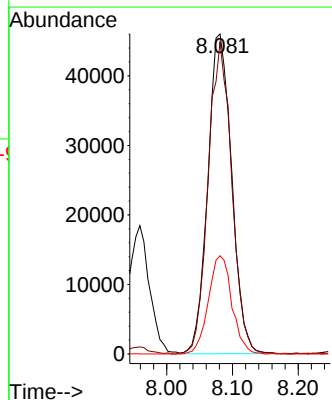
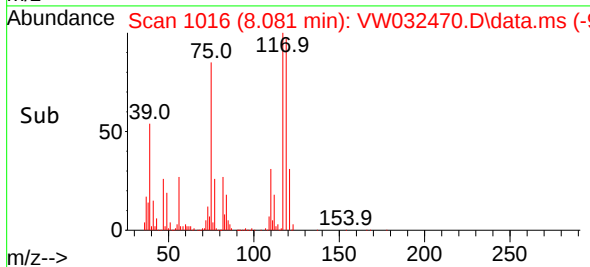
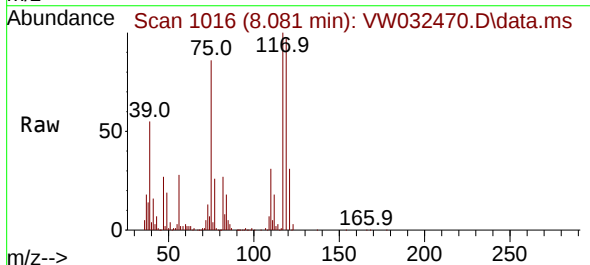
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

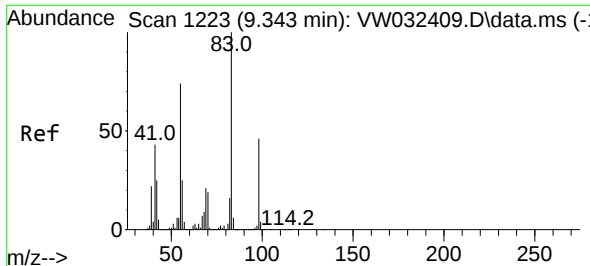
Tgt Ion:	43	Resp:	95031
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.2	8.3	12.5



#38
Carbon Tetrachloride
Concen: 21.638 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion:	117	Resp:	116247
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.4
121	30.7	22.0	33.0





#39

Methylcyclohexane

Concen: 20.591 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

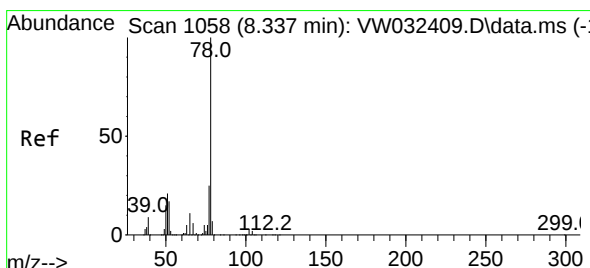
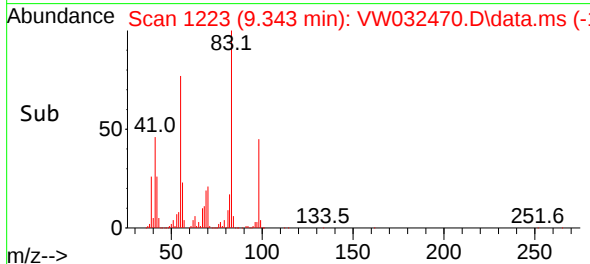
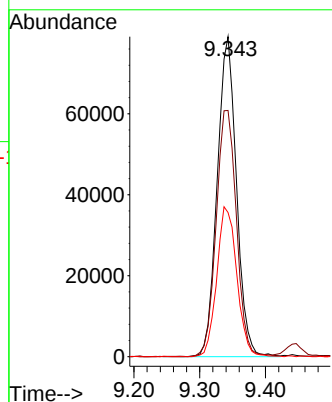
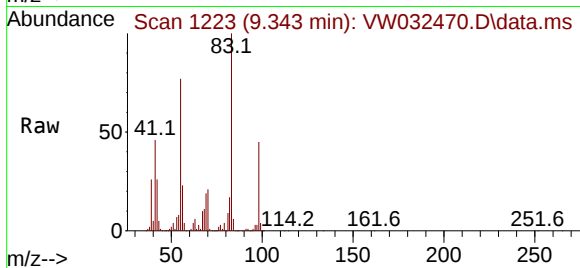
Tgt Ion: 83 Resp: 161283

Ion Ratio Lower Upper

83 100

55 76.8 59.2 88.8

98 45.0 36.6 54.8



#40

Benzene

Concen: 21.855 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW032470.D

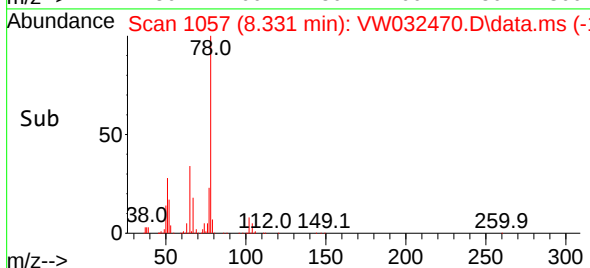
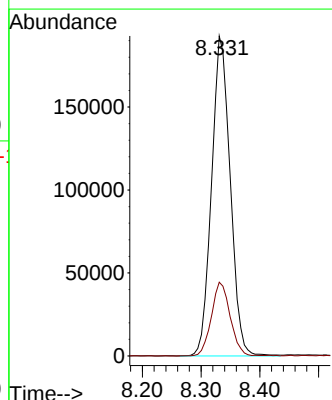
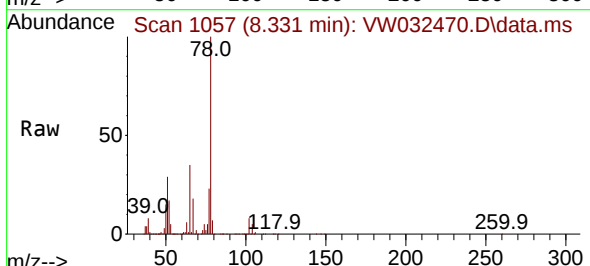
Acq: 18 Nov 2025 10:40

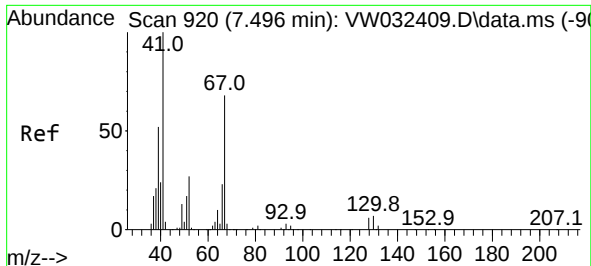
Tgt Ion: 78 Resp: 425541

Ion Ratio Lower Upper

78 100

77 23.0 19.6 29.4

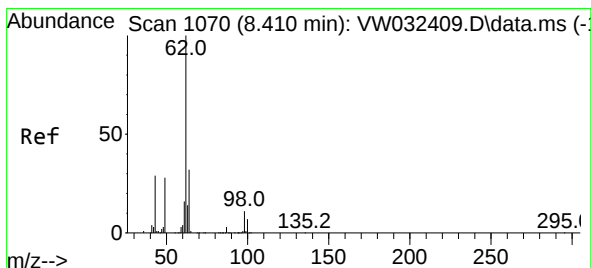
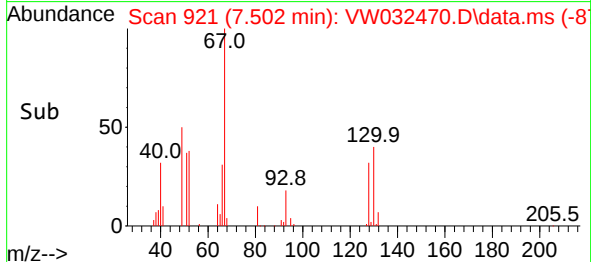
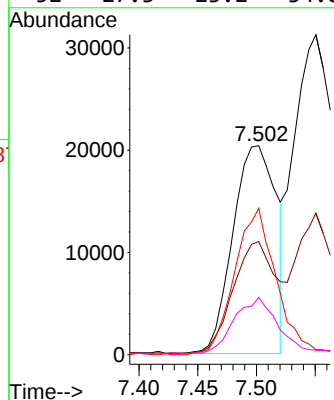
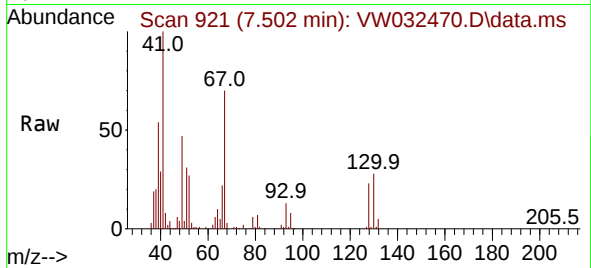




#41
Methacrylonitrile
Concen: 21.180 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

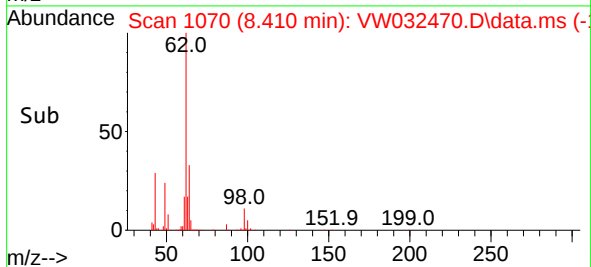
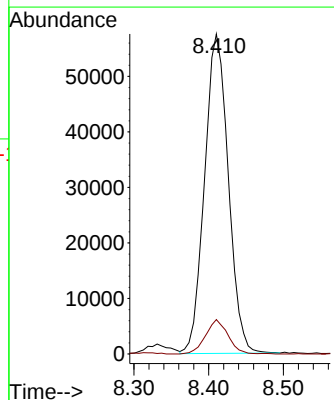
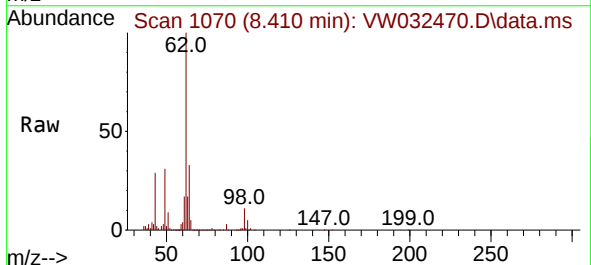
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

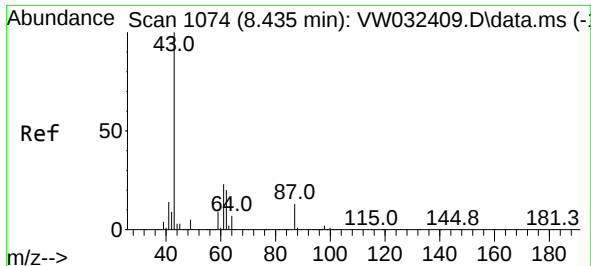
Tgt Ion:	41	Resp:	52311
Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.6	66.8
67	67.8	57.6	86.4
52	27.3	23.2	34.8



#42
1,2-Dichloroethane
Concen: 22.242 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion:	62	Resp:	127207
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

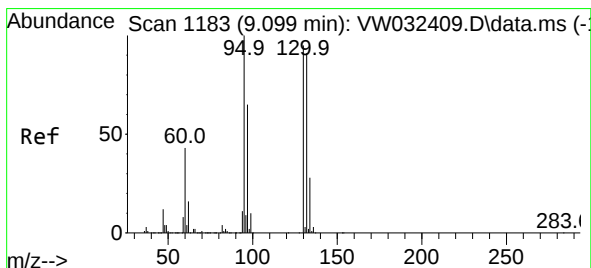
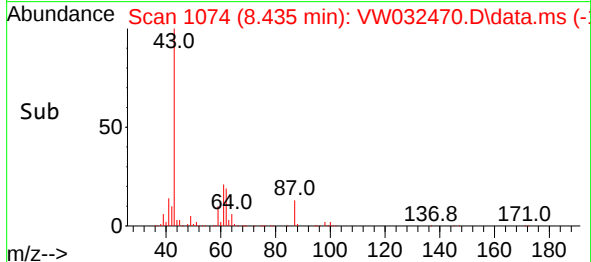
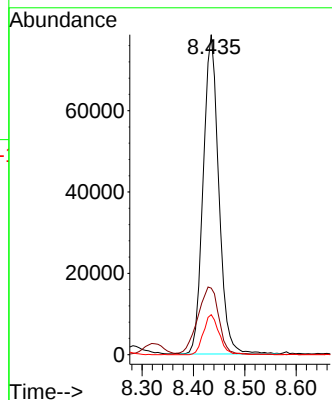
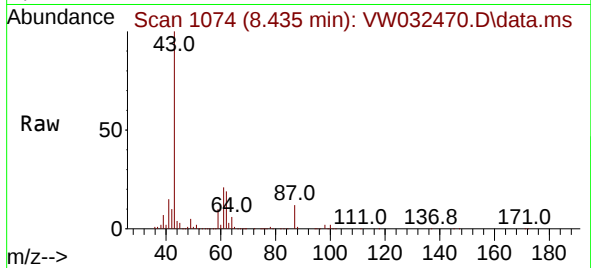




#43
Isopropyl Acetate
Concen: 20.748 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

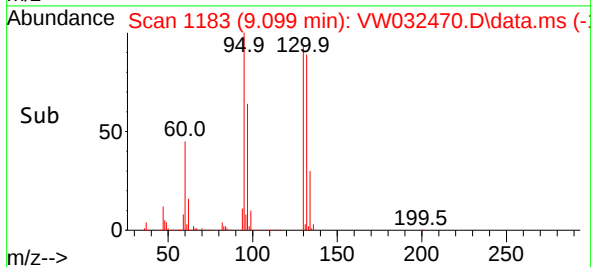
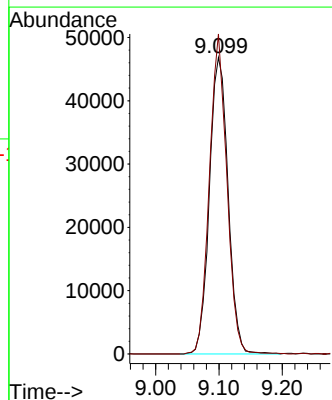
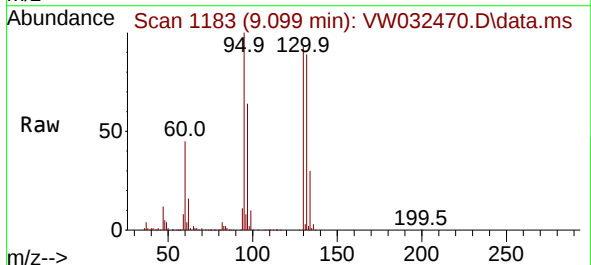
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

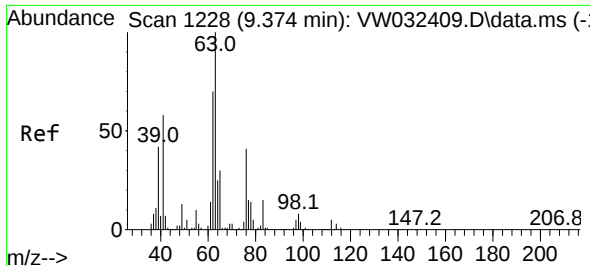
Tgt Ion: 43 Resp: 165173
Ion Ratio Lower Upper
43 100
61 28.3 22.6 33.8
87 12.7 10.6 15.8



#44
Trichloroethene
Concen: 21.254 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion:130 Resp: 96297
Ion Ratio Lower Upper
130 100
95 107.9 0.0 209.6

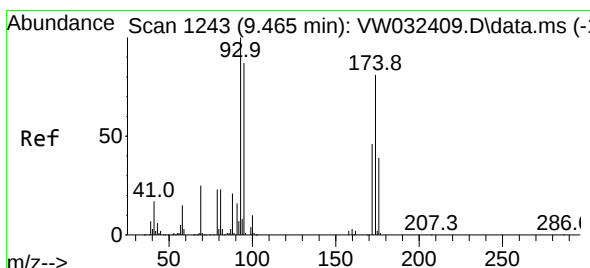
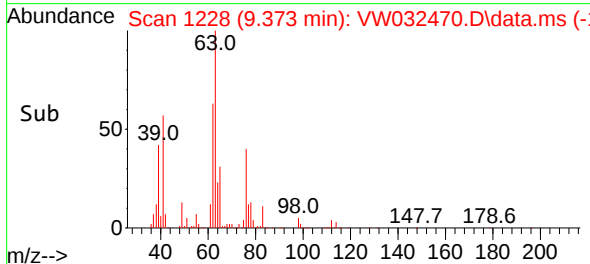
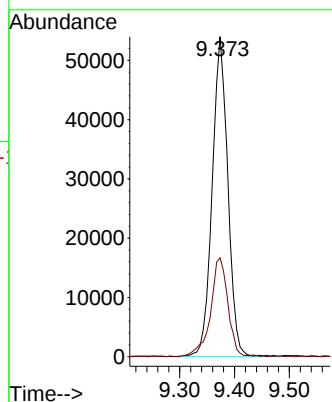
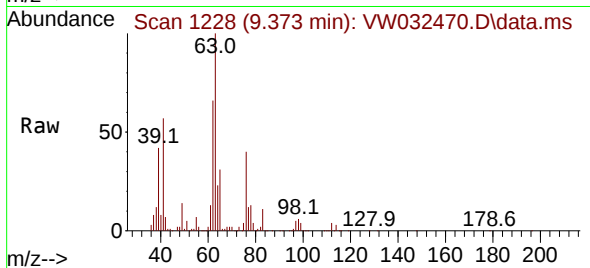




#45
1,2-Dichloropropane
Concen: 22.075 ug/l
RT: 9.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

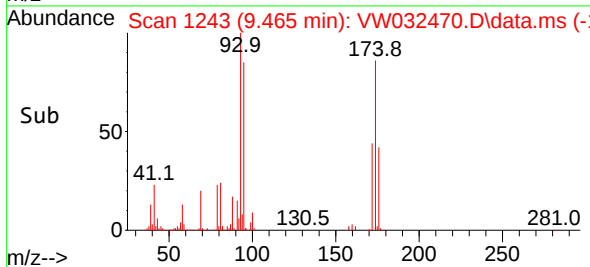
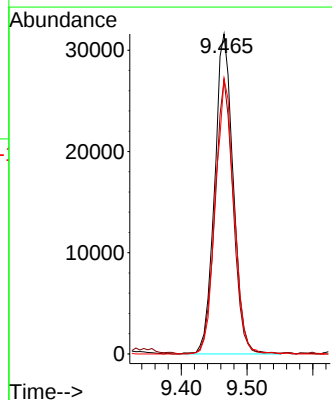
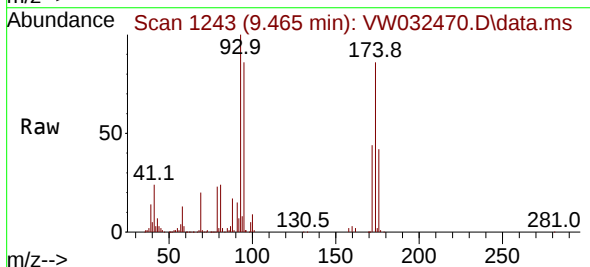
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion: 63 Resp: 107029
Ion Ratio Lower Upper
63 100
65 30.7 24.4 36.6



#46
Dibromomethane
Concen: 22.008 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 93 Resp: 62354
Ion Ratio Lower Upper
93 100
95 83.8 67.1 100.7
174 85.9 68.2 102.4

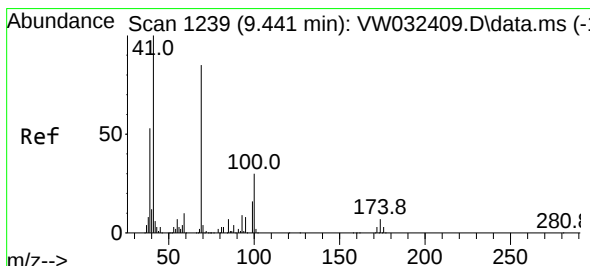
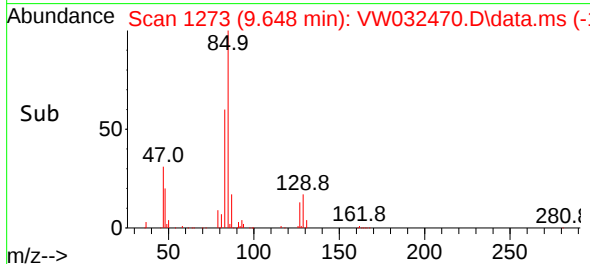
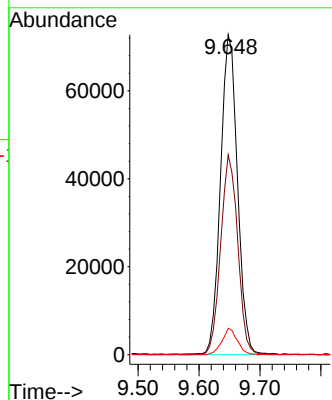
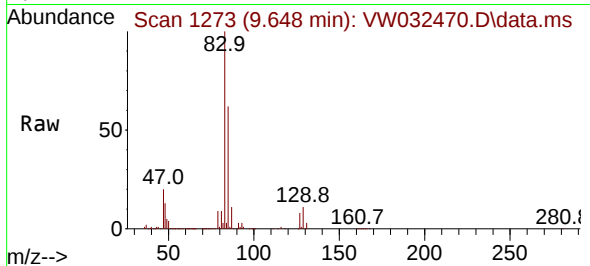




#47
Bromodichloromethane
Concen: 21.783 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

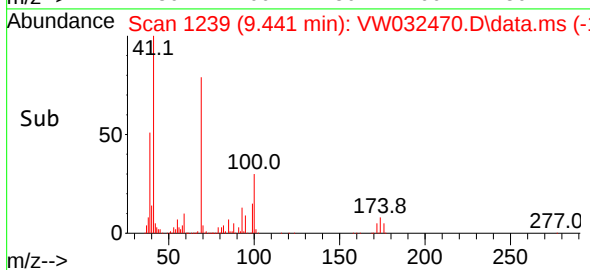
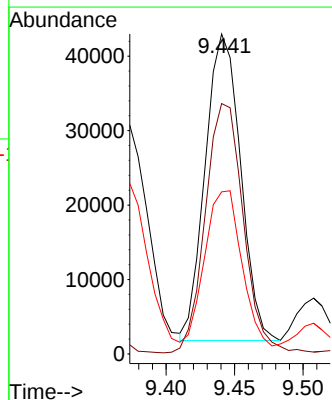
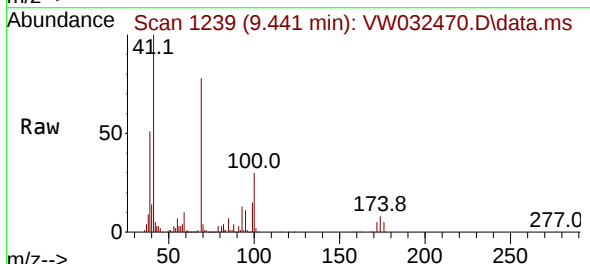
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

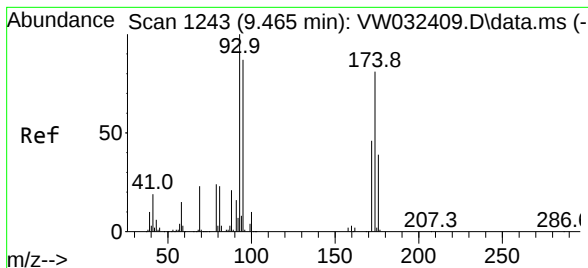
Tgt Ion: 83 Resp: 140779
Ion Ratio Lower Upper
83 100
85 62.4 48.7 73.1
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 19.522 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 41 Resp: 73852
Ion Ratio Lower Upper
41 100
69 87.6 65.8 98.6
39 52.6 38.6 57.8





#49

1,4-Dioxane

Concen: 439.555 ug/l

RT: 9.471 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

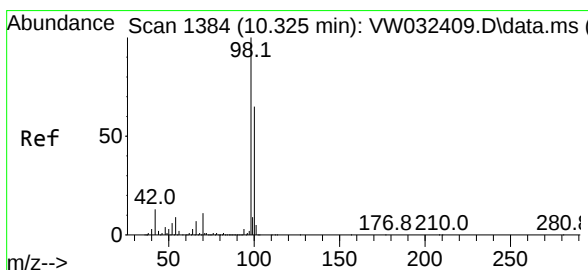
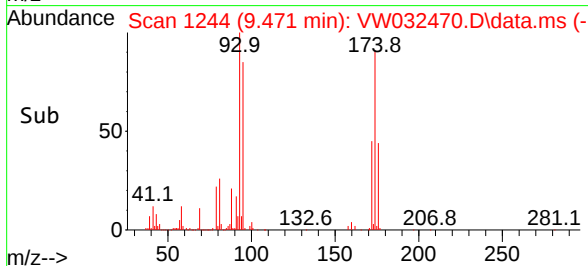
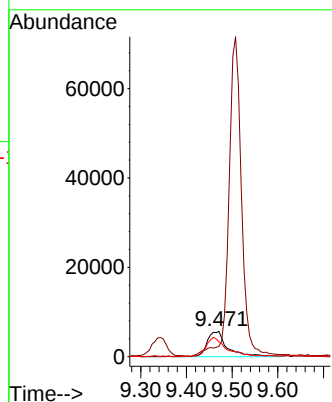
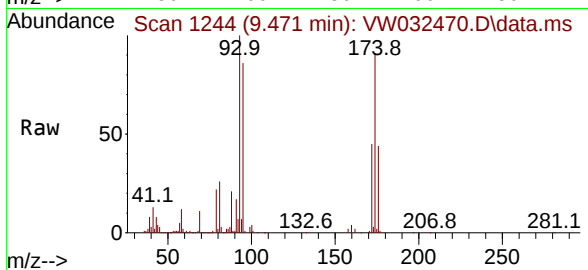
Tgt Ion: 88 Resp: 17446

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.3 63.0 94.4



#50

Toluene-d8

Concen: 52.015 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032470.D

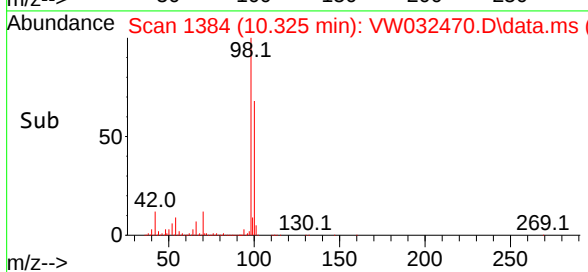
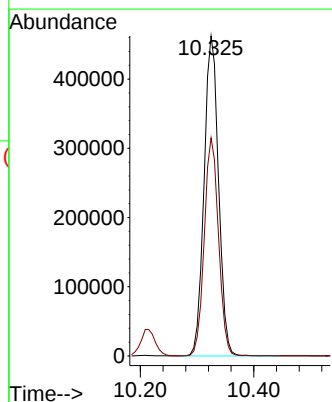
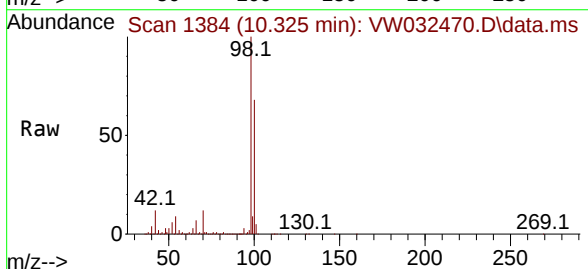
Acq: 18 Nov 2025 10:40

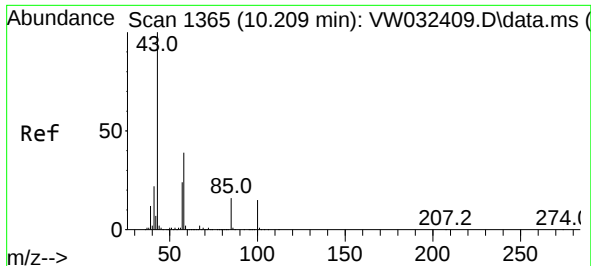
Tgt Ion: 98 Resp: 818872

Ion Ratio Lower Upper

98 100

100 66.9 53.3 79.9

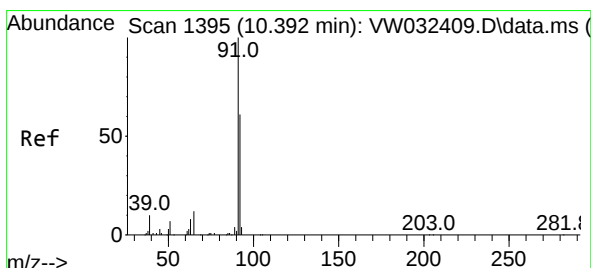
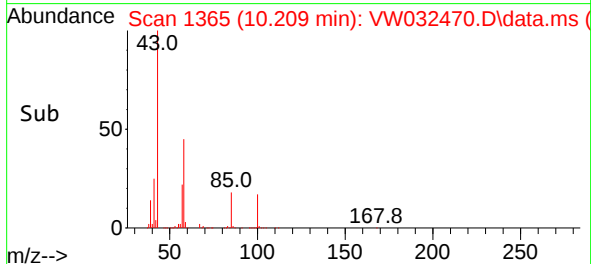
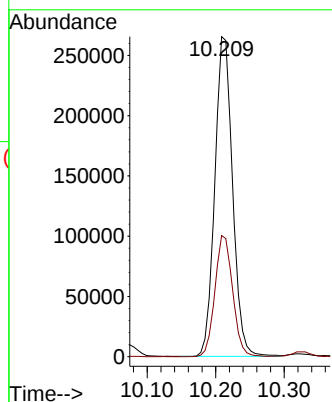
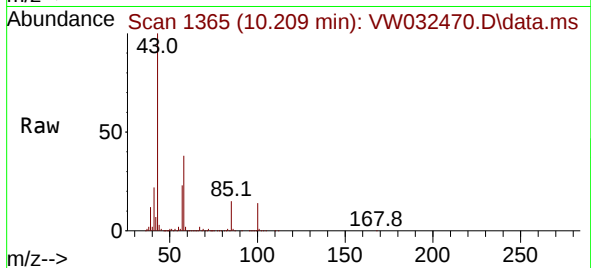




#51
4-Methyl-2-Pentanone
Concen: 108.419 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

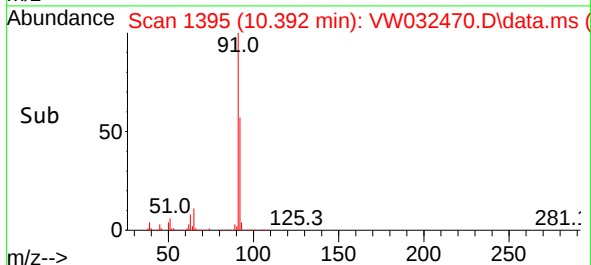
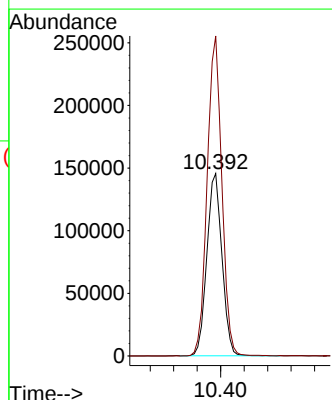
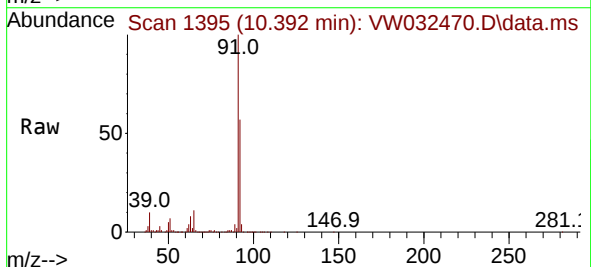
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

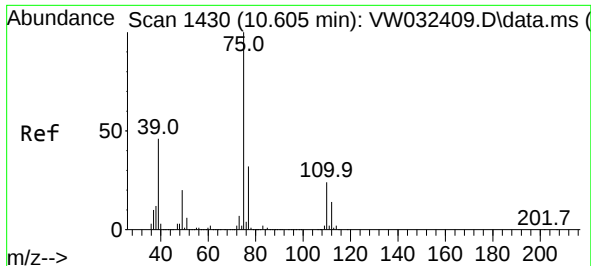
Tgt Ion: 43 Resp: 477160
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.2



#52
Toluene
Concen: 21.614 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 92 Resp: 259957
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0

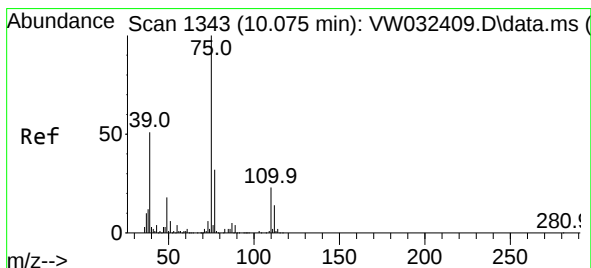
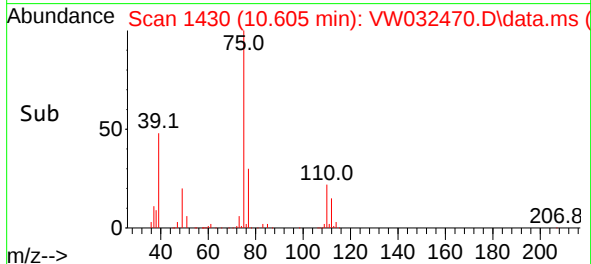
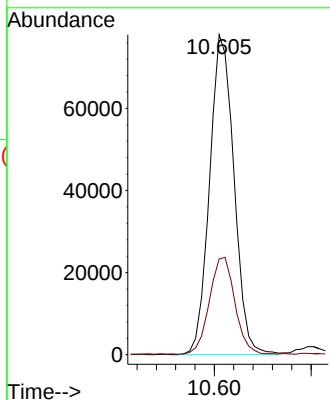
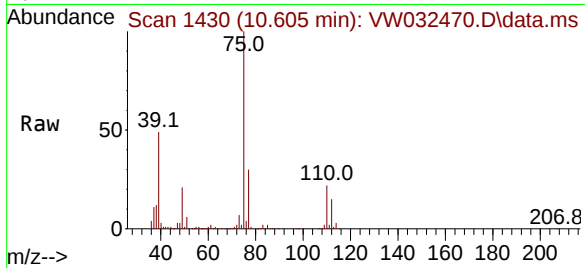




#53
t-1,3-Dichloropropene
Concen: 20.515 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

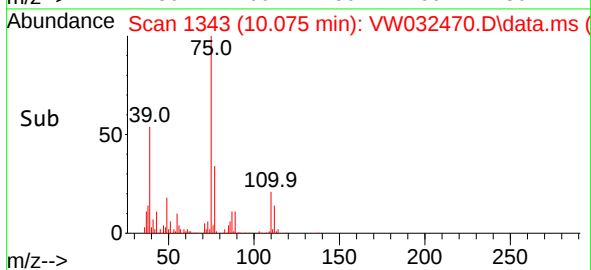
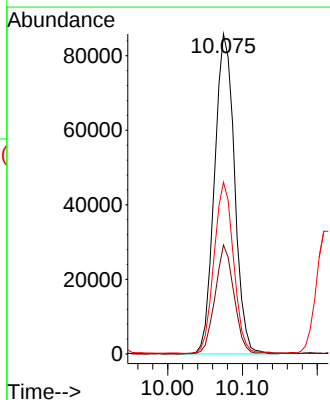
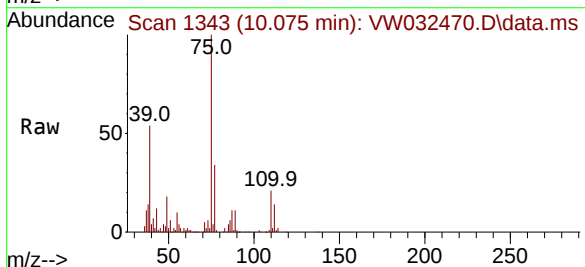
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

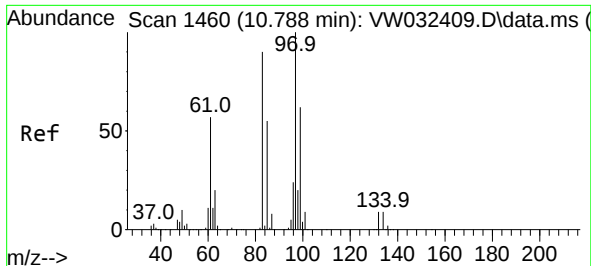
Tgt Ion: 75 Resp: 136548
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.835 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 75 Resp: 160370
Ion Ratio Lower Upper
75 100
77 34.0 25.6 38.4
39 53.4 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 21.308 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

Tgt Ion: 97 Resp: 82820

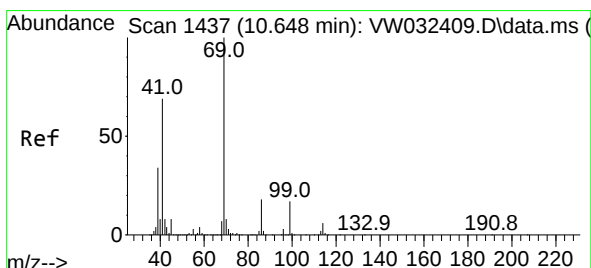
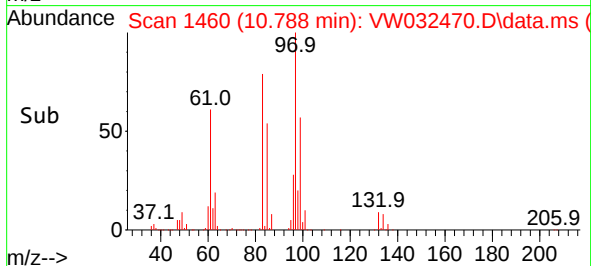
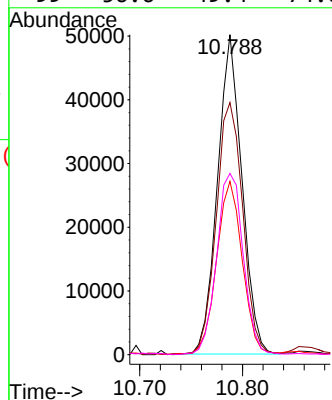
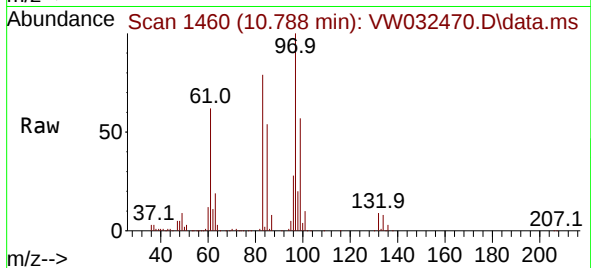
Ion Ratio Lower Upper

97 100

83 78.7 72.2 108.4

85 53.9 43.8 65.8

99 56.6 49.4 74.0



#56

Ethyl methacrylate

Concen: 19.976 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

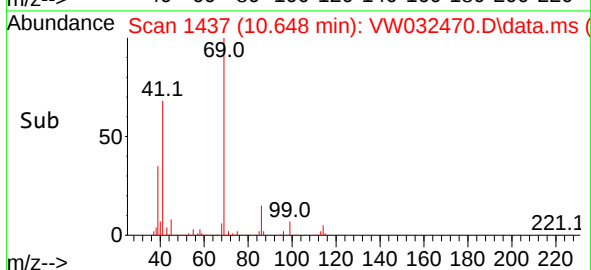
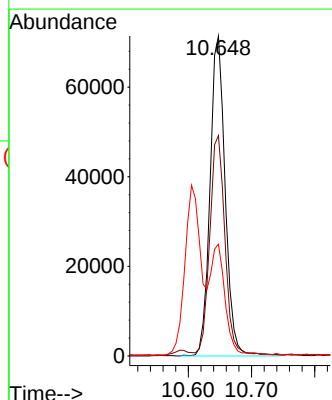
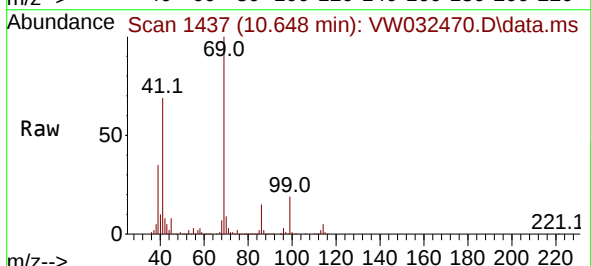
Tgt Ion: 69 Resp: 119127

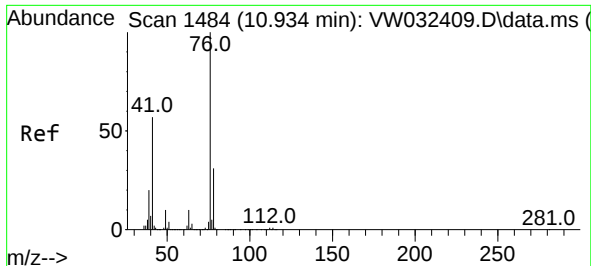
Ion Ratio Lower Upper

69 100

41 68.9 54.4 81.6

39 32.5 25.4 38.0





#57

1,3-Dichloropropane

Concen: 21.719 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

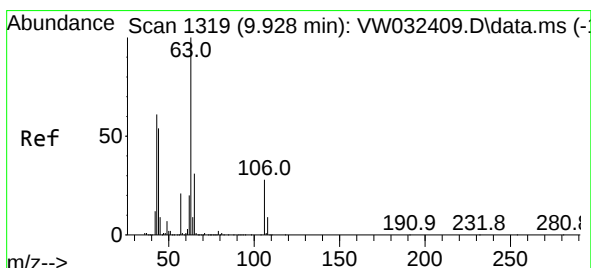
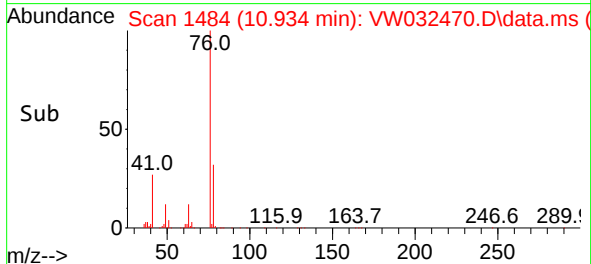
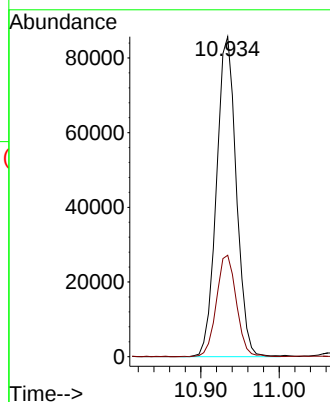
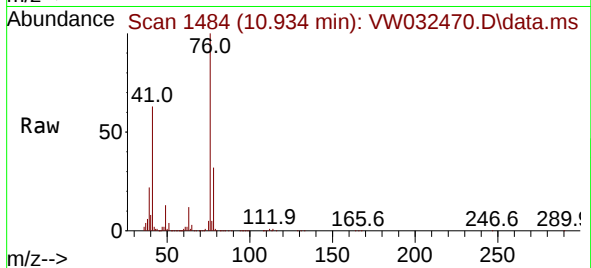
VW1118SBS01

Tgt Ion: 76 Resp: 150767

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 107.697 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032470.D

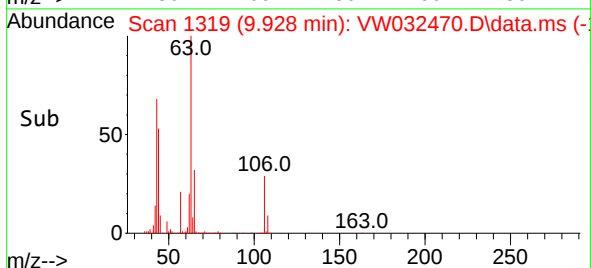
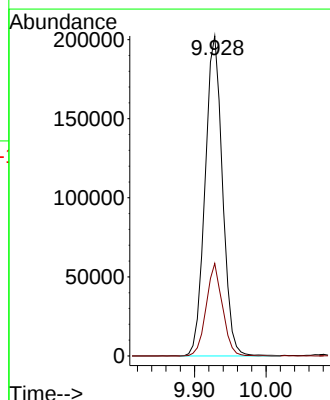
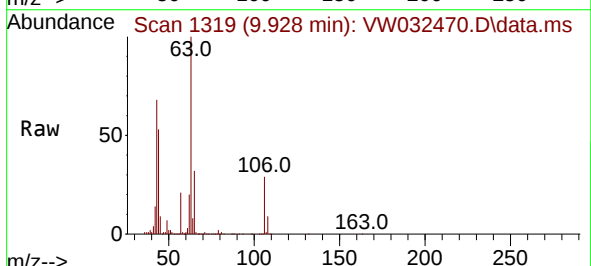
Acq: 18 Nov 2025 10:40

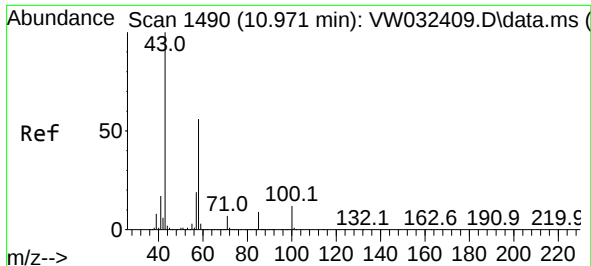
Tgt Ion: 63 Resp: 342033

Ion Ratio Lower Upper

63 100

106 27.1 22.0 33.0

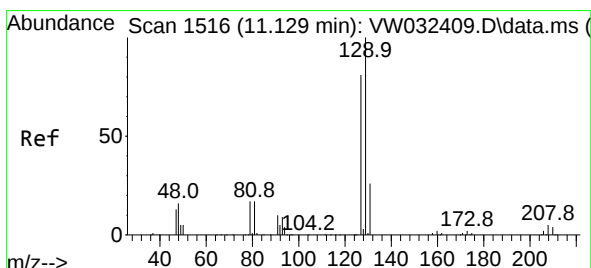
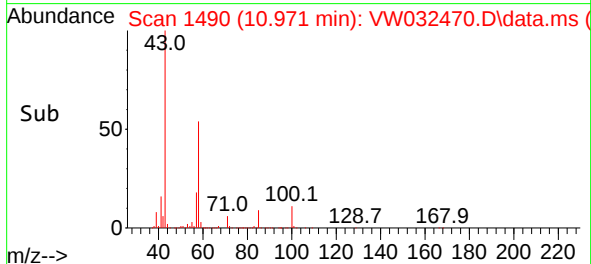
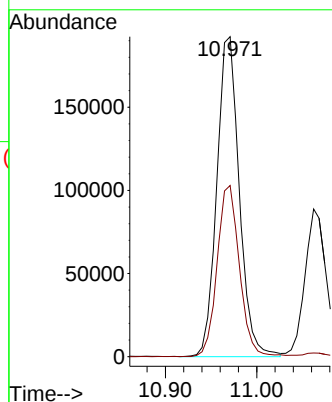
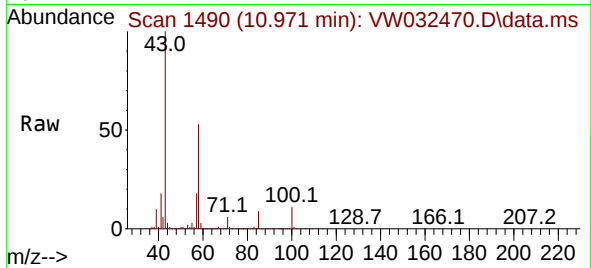




#59
2-Hexanone
Concen: 102.168 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

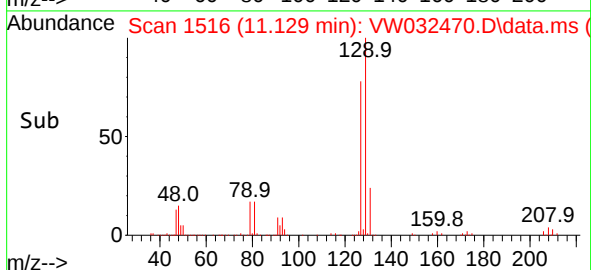
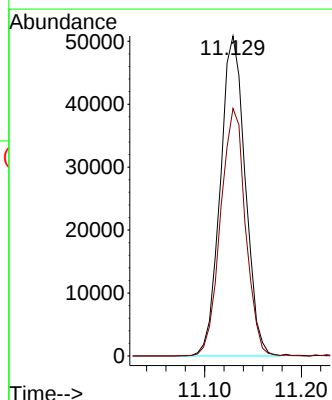
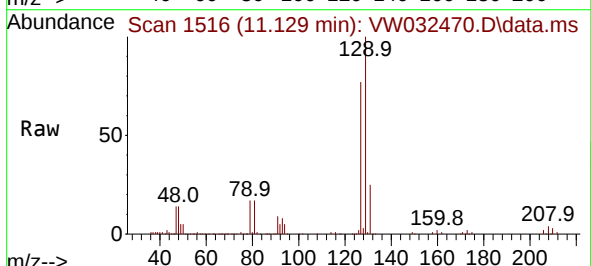
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

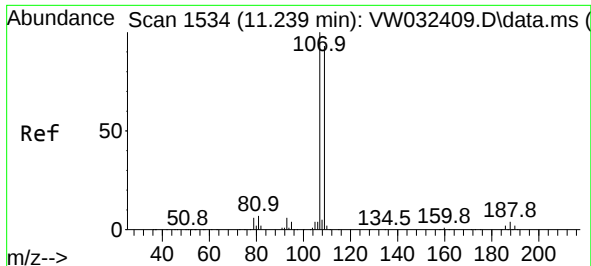
Tgt Ion: 43 Resp: 328980
Ion Ratio Lower Upper
43 100
58 53.1 27.4 82.2



#60
Dibromochloromethane
Concen: 20.911 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion:129 Resp: 90761
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

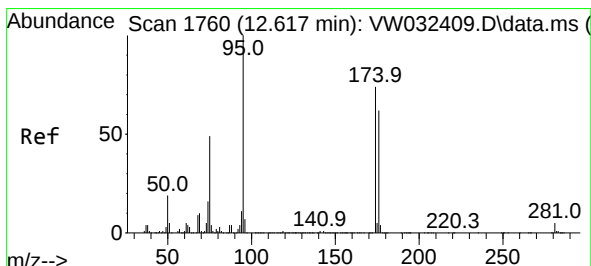
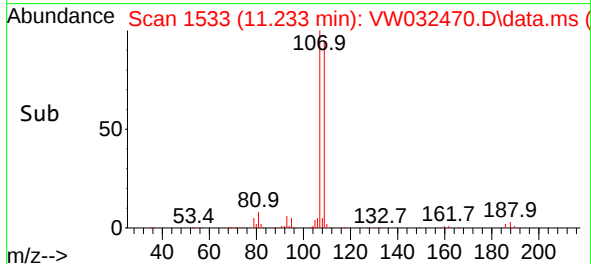
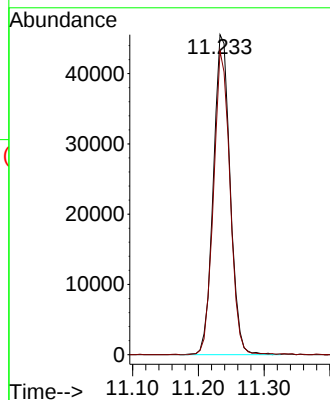
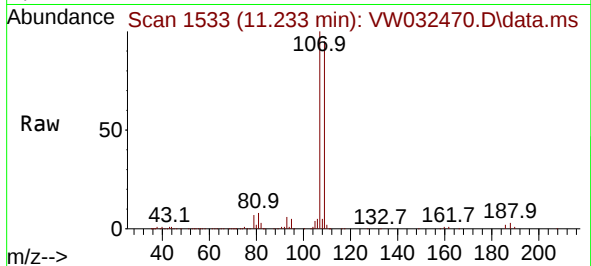




#61
1,2-Dibromoethane
Concen: 21.353 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

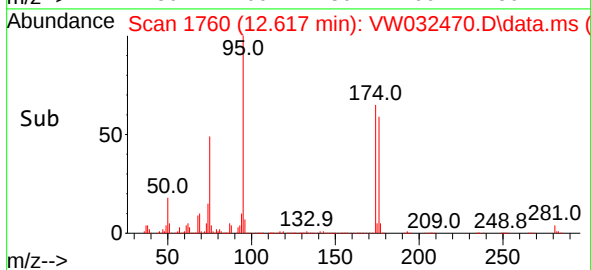
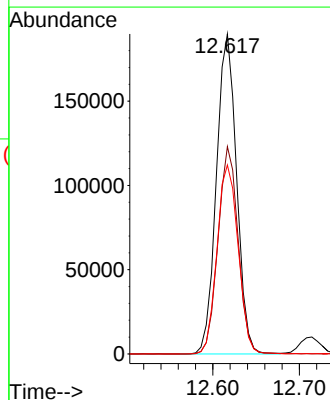
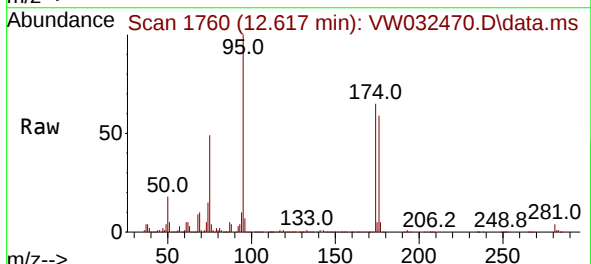
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

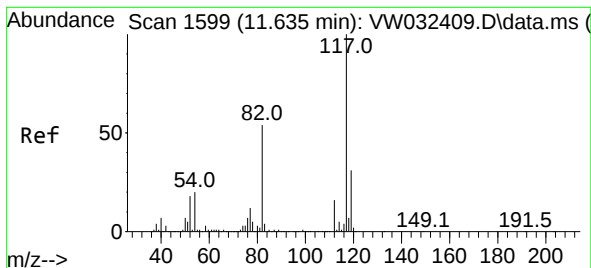
Tgt Ion:107 Resp: 80832
Ion Ratio Lower Upper
107 100
109 93.2 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.685 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 95 Resp: 307374
Ion Ratio Lower Upper
95 100
174 64.3 0.0 135.4
176 61.8 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

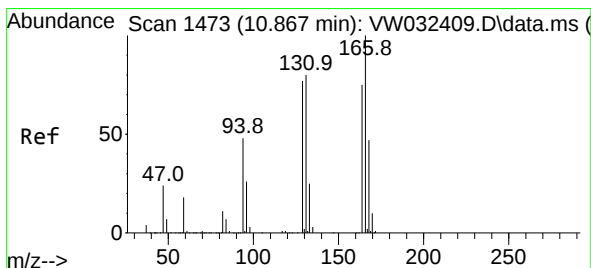
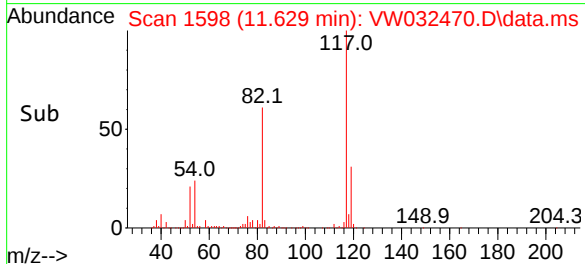
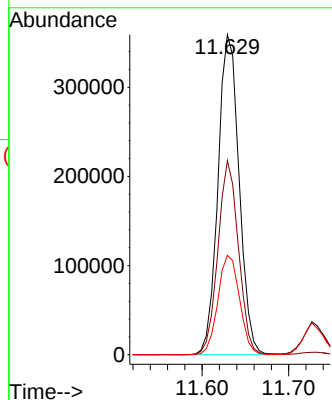
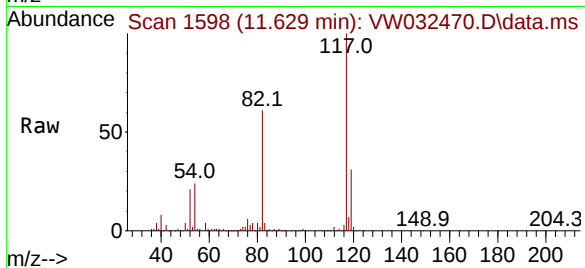
Tgt Ion:117 Resp: 608119

Ion Ratio Lower Upper

117 100

82 60.6 43.0 64.4

119 31.1 25.0 37.6



#64

Tetrachloroethene

Concen: 21.747 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Tgt Ion:164 Resp: 78315

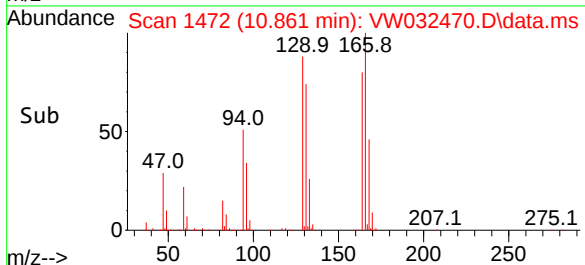
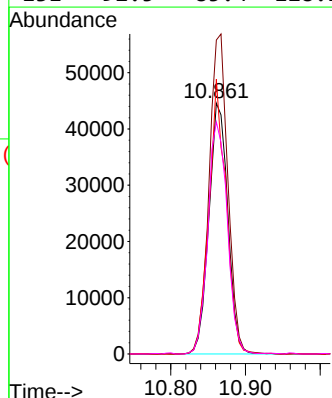
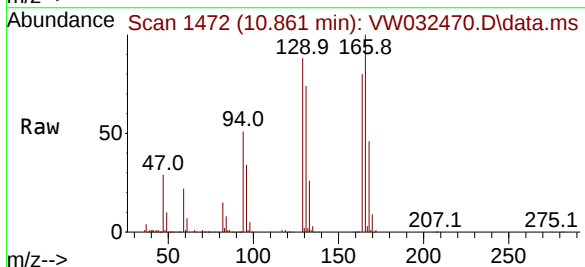
Ion Ratio Lower Upper

164 100

166 125.2 107.0 160.4

129 109.6 82.9 124.3

131 92.5 85.4 128.2





#65

Chlorobenzene

Concen: 21.604 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

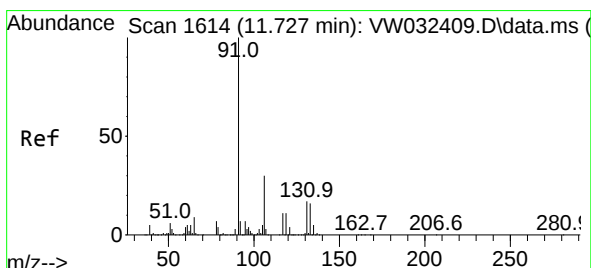
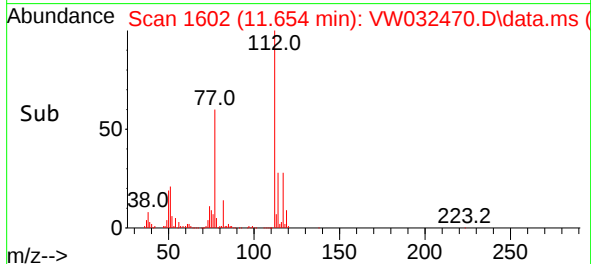
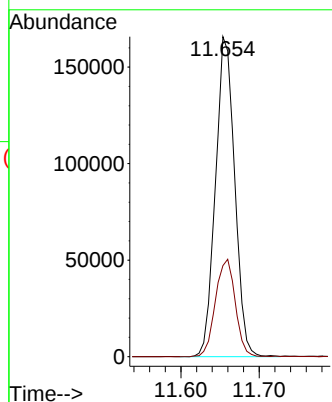
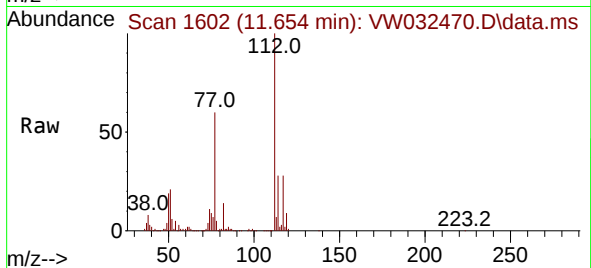
VW1118SBS01

Tgt Ion:112 Resp: 283163

Ion Ratio Lower Upper

112 100

114 28.5 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.576 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

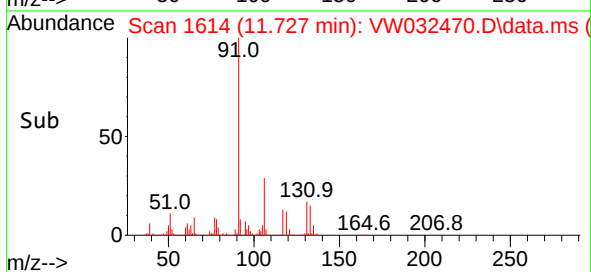
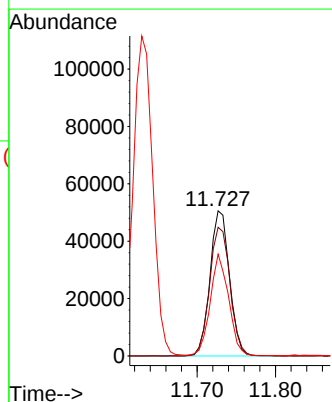
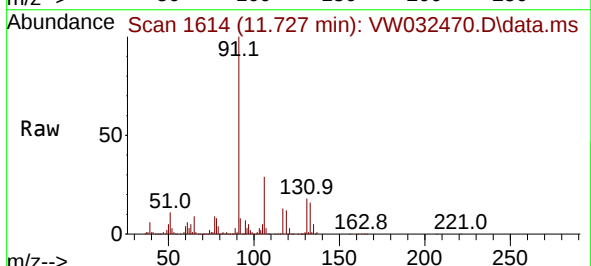
Tgt Ion:131 Resp: 87522

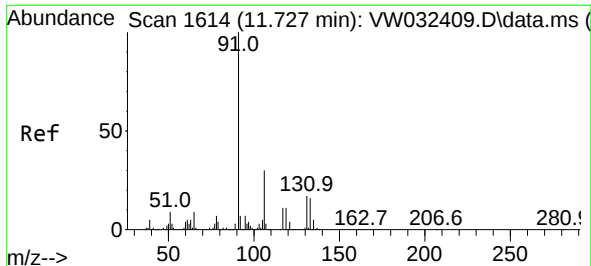
Ion Ratio Lower Upper

131 100

133 93.0 46.9 140.6

119 66.0 33.4 100.2





#67

Ethyl Benzene

Concen: 21.176 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

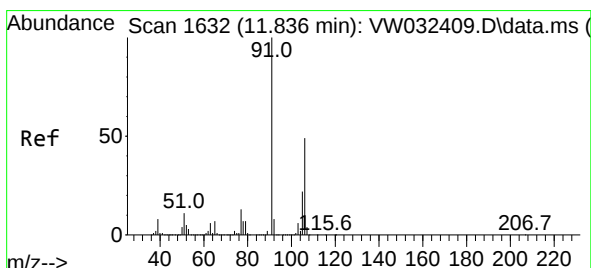
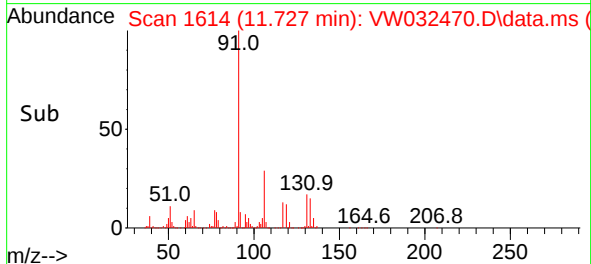
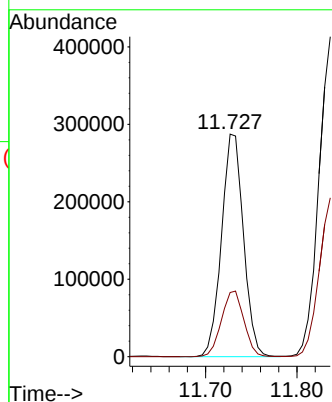
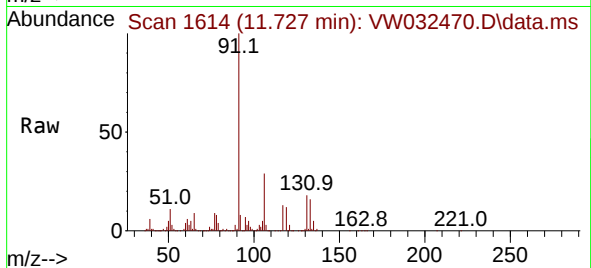
VW1118SBS01

Tgt Ion: 91 Resp: 480261

Ion Ratio Lower Upper

91 100

106 28.8 24.2 36.2



#68

m/p-Xylenes

Concen: 43.548 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032470.D

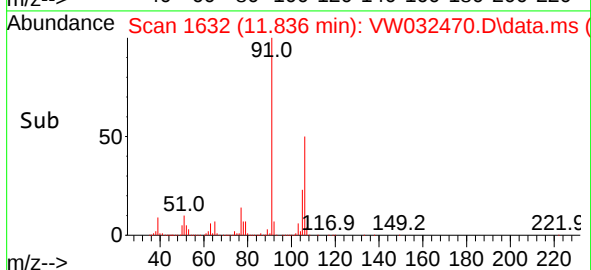
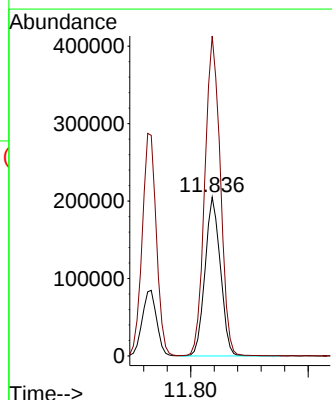
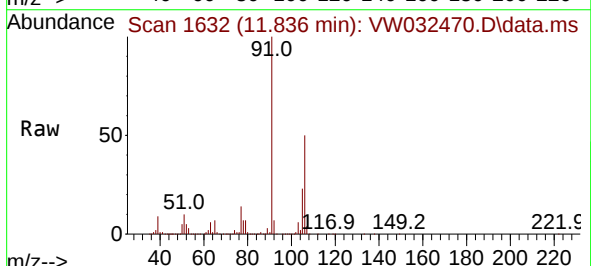
Acq: 18 Nov 2025 10:40

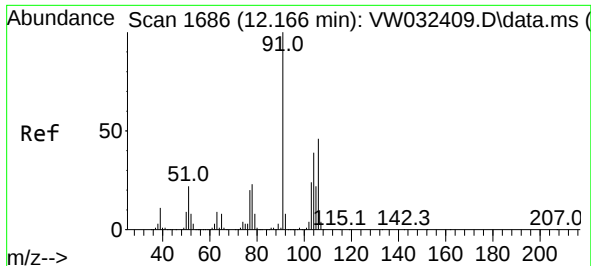
Tgt Ion:106 Resp: 370819

Ion Ratio Lower Upper

106 100

91 203.6 165.5 248.3

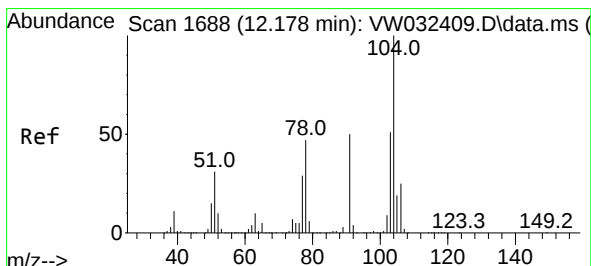
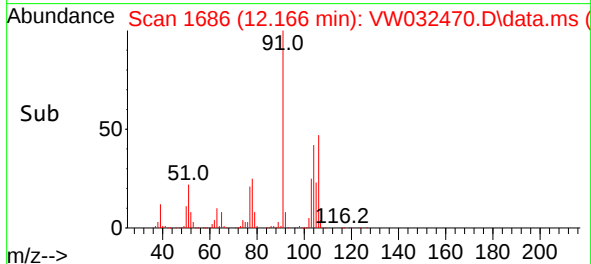
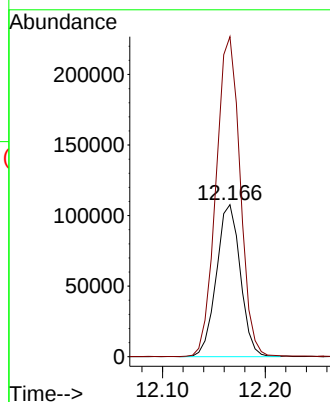
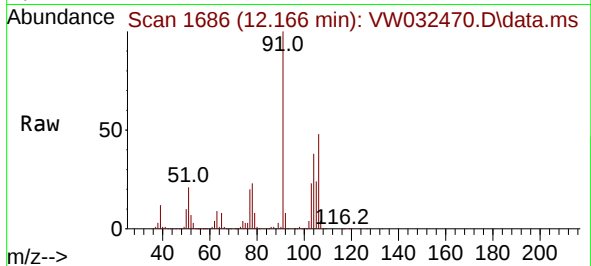




#69
o-Xylene
Concen: 21.376 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

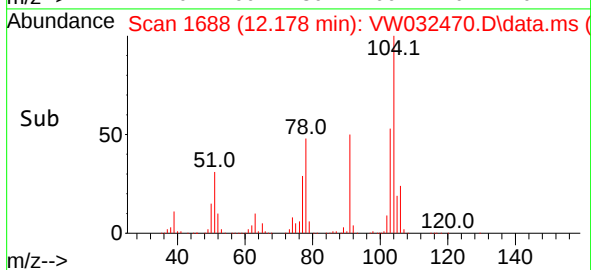
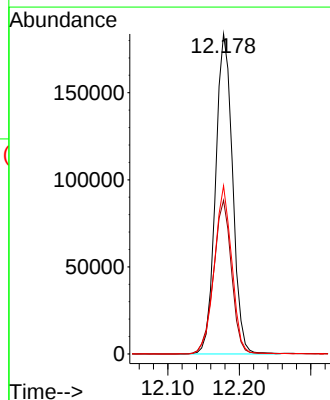
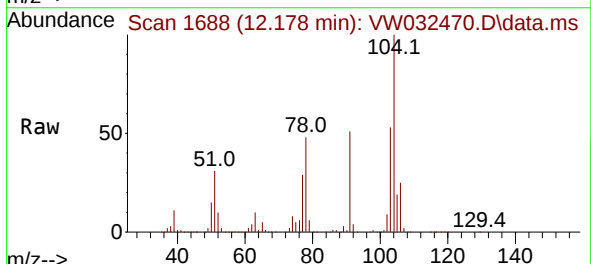
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

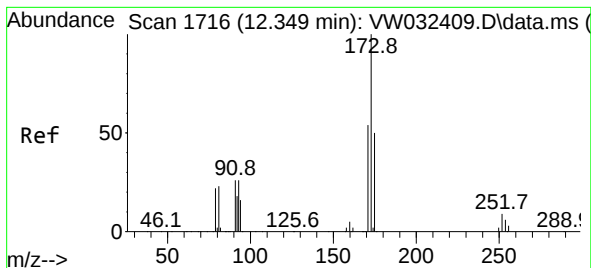
Tgt Ion:106 Resp: 174282
Ion Ratio Lower Upper
106 100
91 212.4 109.3 327.8



#70
Styrene
Concen: 21.640 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion:104 Resp: 303516
Ion Ratio Lower Upper
104 100
78 50.6 40.7 61.1
103 53.8 43.9 65.9





#71

Bromoform

Concen: 20.058 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

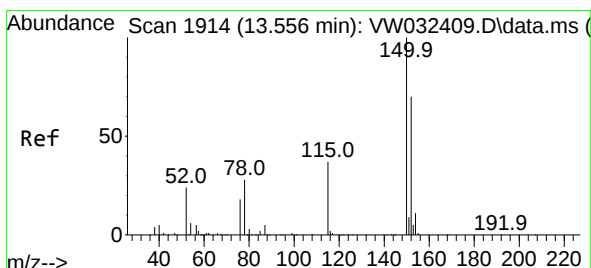
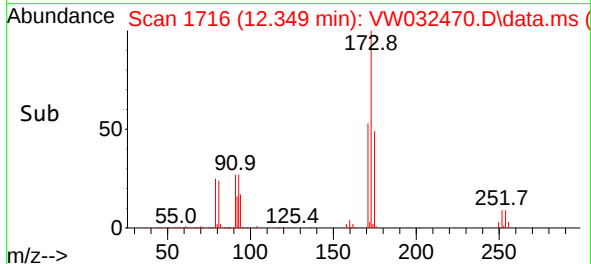
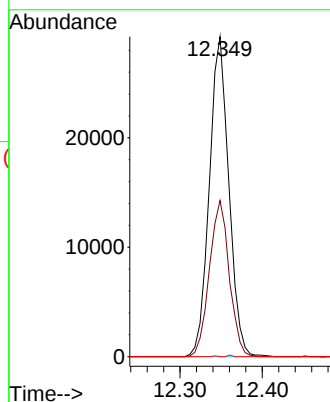
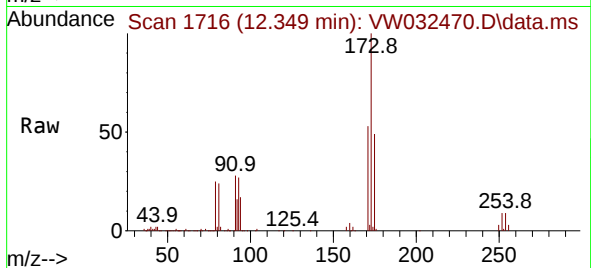
Tgt Ion:173 Resp: 48193

Ion Ratio Lower Upper

173 100

175 49.7 25.1 75.2

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

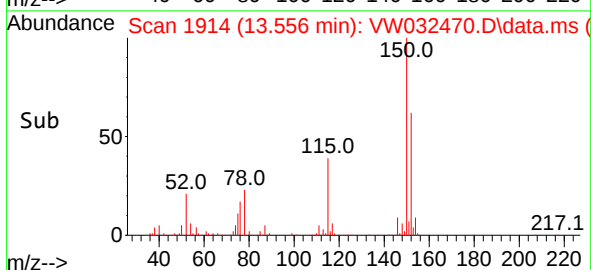
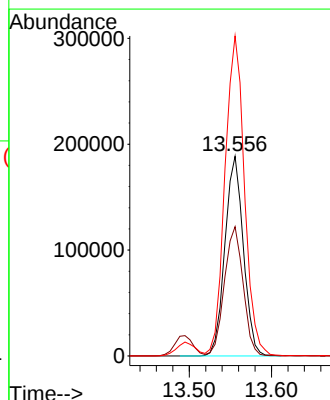
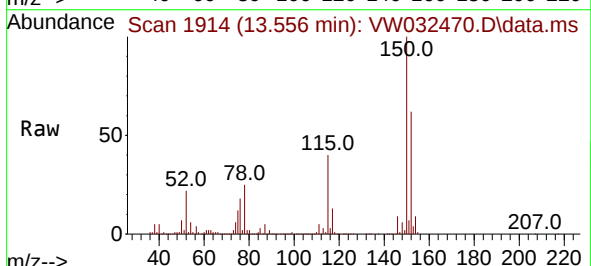
Tgt Ion:152 Resp: 294055

Ion Ratio Lower Upper

152 100

115 65.6 32.8 98.3

150 168.7 0.0 356.6





#73

Isopropylbenzene

Concen: 20.072 ug/l

RT: 12.464 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

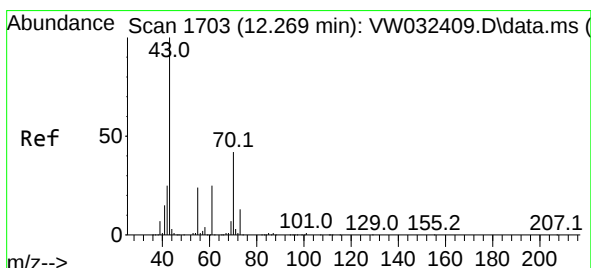
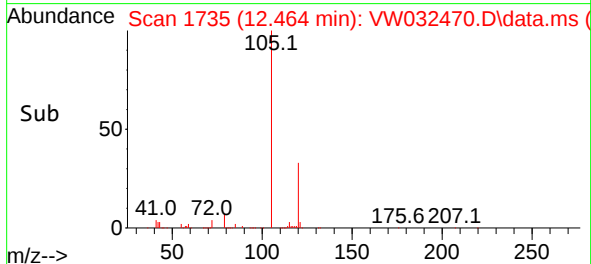
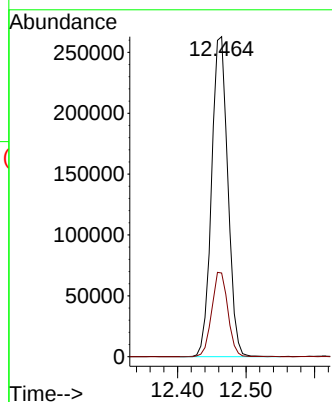
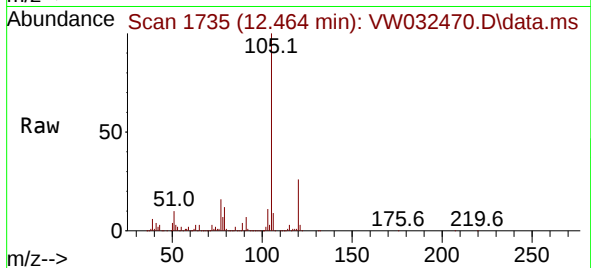
VW1118SBS01

Tgt Ion:105 Resp: 433479

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 19.722 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Tgt Ion: 43 Resp: 148008

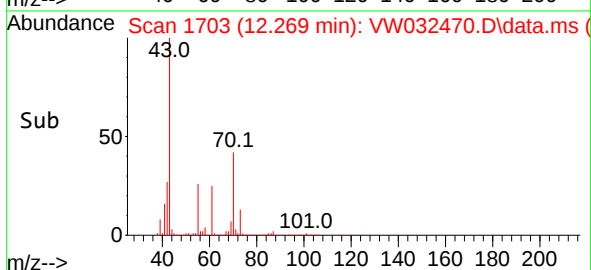
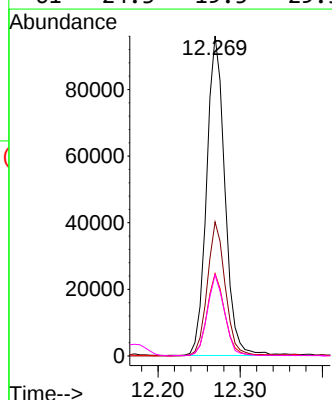
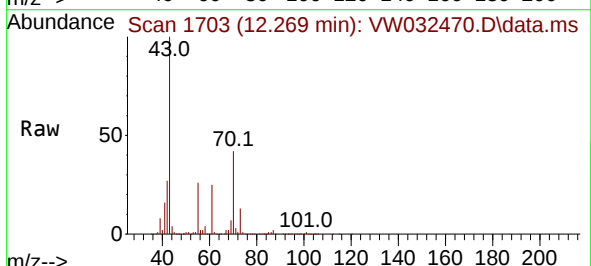
Ion Ratio Lower Upper

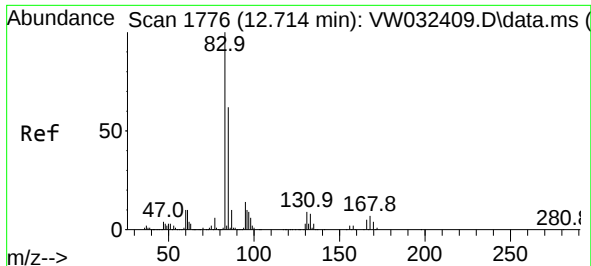
43 100

70 41.6 33.5 50.3

55 25.4 19.3 28.9

61 24.3 19.5 29.3

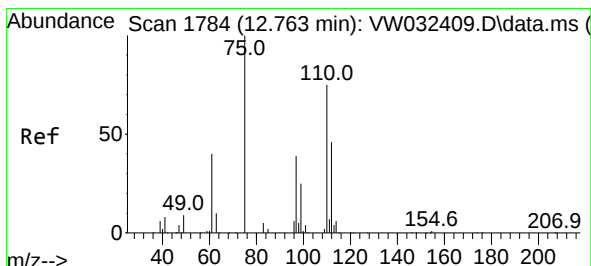
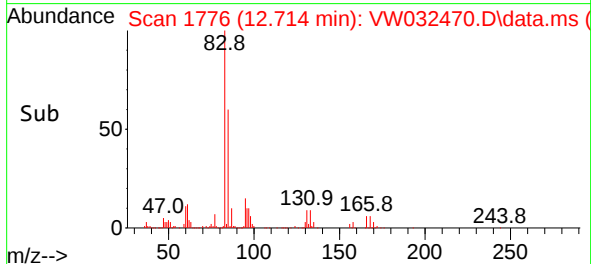
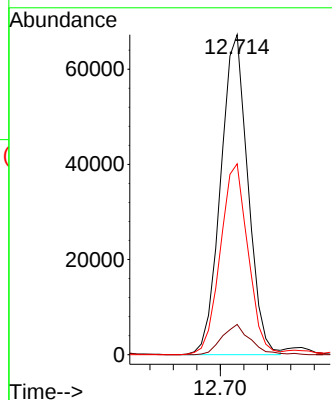
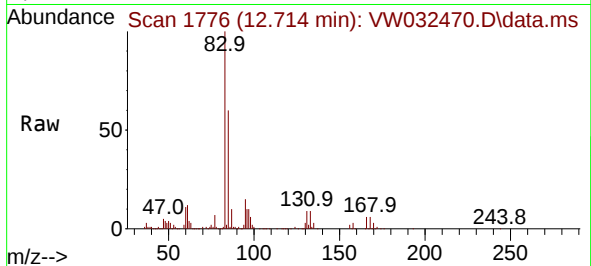




#75
1,1,2,2-Tetrachloroethane
Concen: 21.135 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

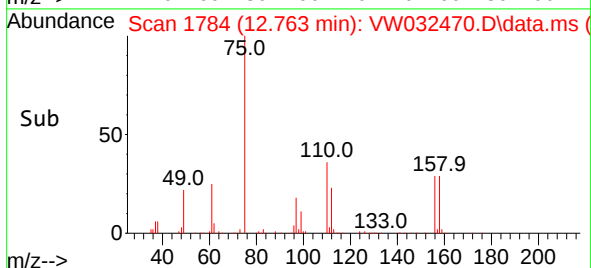
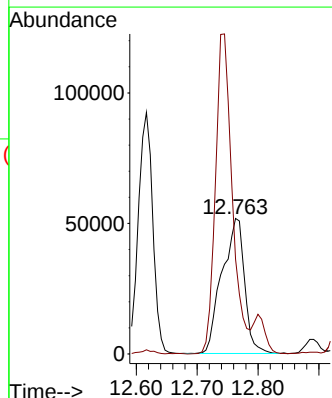
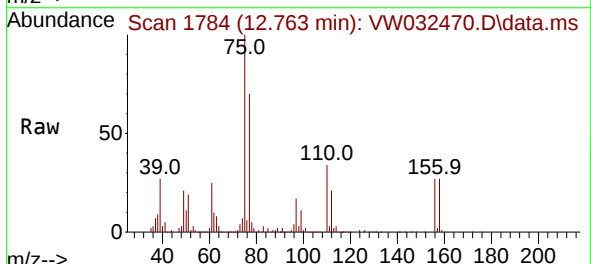
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

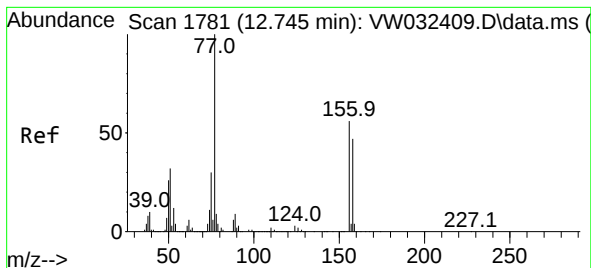
Tgt Ion: 83 Resp: 108325
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 60.7 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 33.033 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 75 Resp: 133187
Ion Ratio Lower Upper
75 100
77 177.8 151.6 454.8





#77

Bromobenzene

Concen: 21.278 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

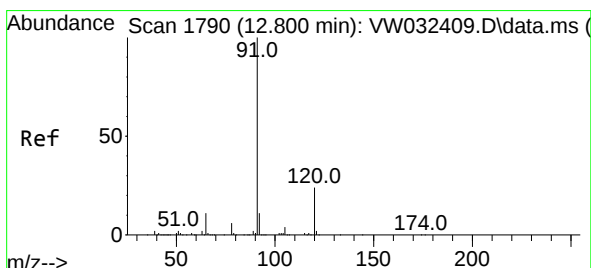
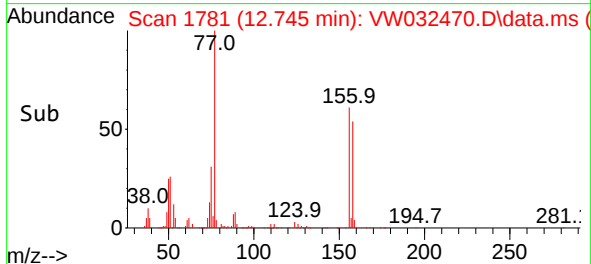
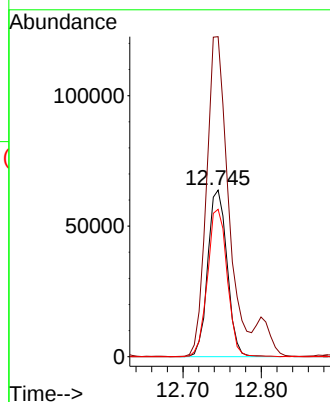
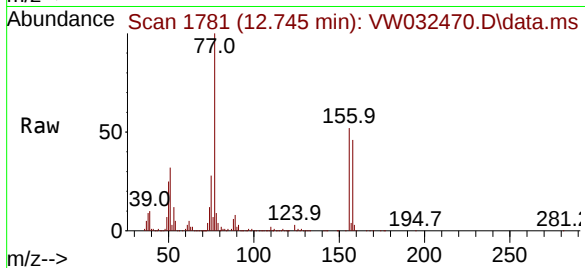
Tgt Ion:156 Resp: 108802

Ion Ratio Lower Upper

156 100

77 217.6 108.0 324.0

158 90.8 45.1 135.5



#78

n-propylbenzene

Concen: 21.354 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032470.D

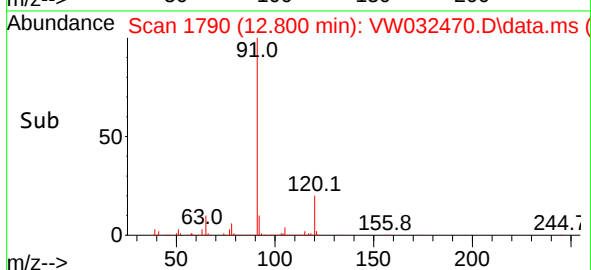
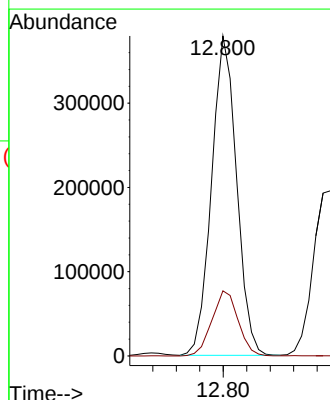
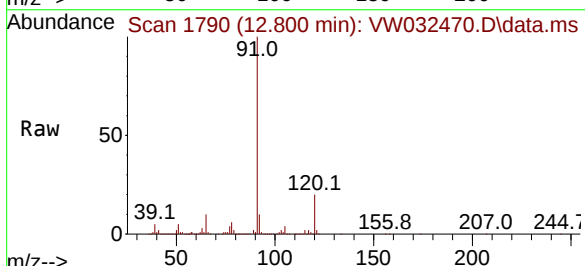
Acq: 18 Nov 2025 10:40

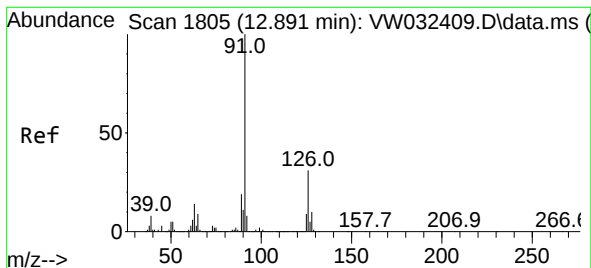
Tgt Ion: 91 Resp: 561613

Ion Ratio Lower Upper

91 100

120 21.3 11.3 33.9

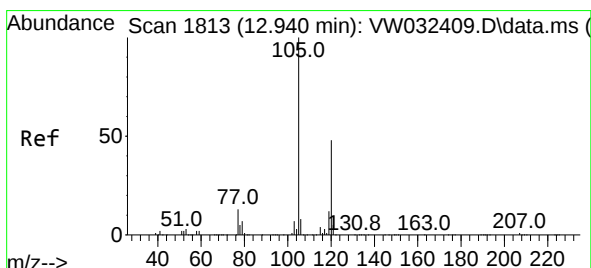
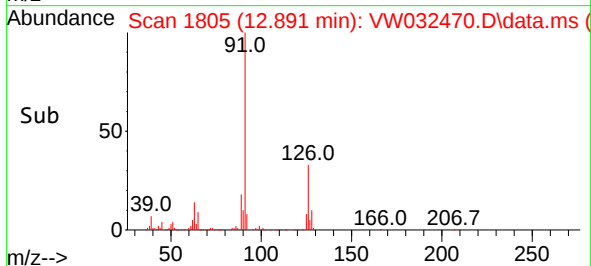
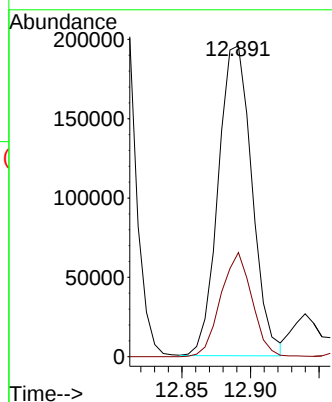
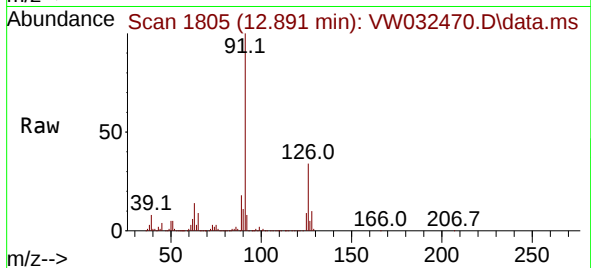




#79
2-Chlorotoluene
Concen: 20.828 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

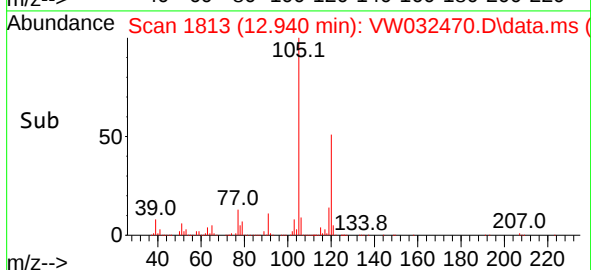
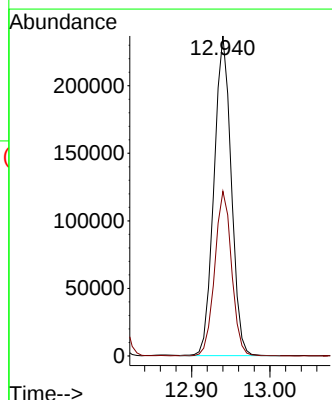
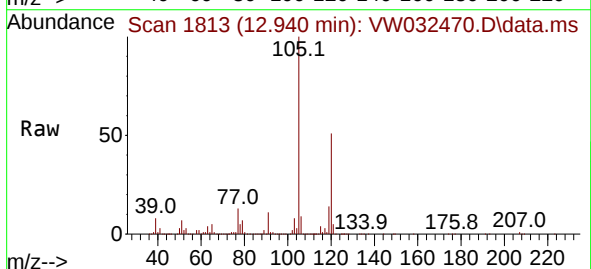
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

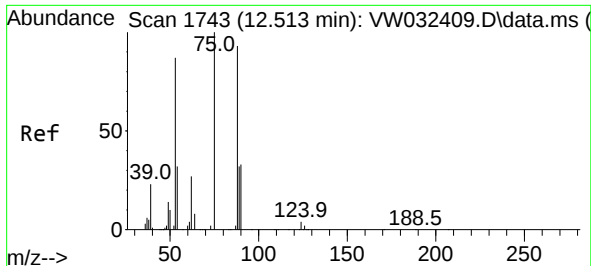
Tgt Ion: 91 Resp: 334404
Ion Ratio Lower Upper
91 100
126 31.2 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.310 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 105 Resp: 361865
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6

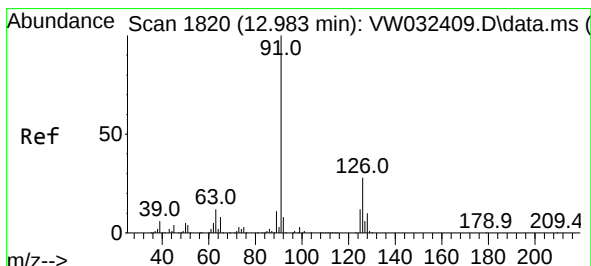
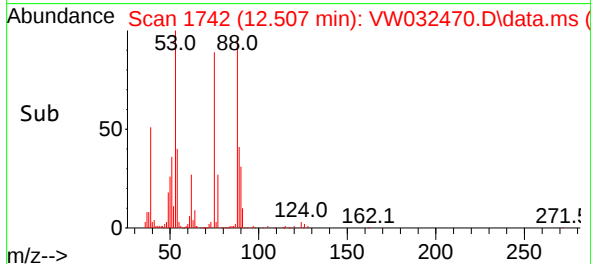
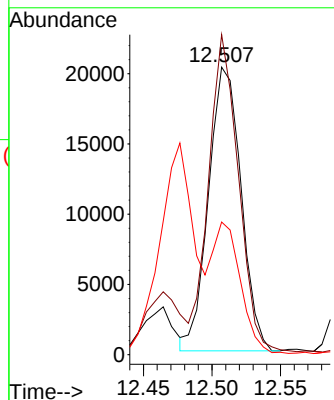
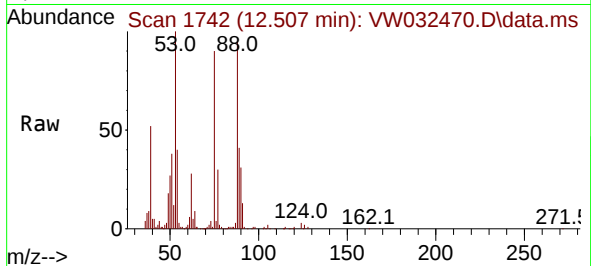




#81
trans-1,4-Dichloro-2-butene
Concen: 18.951 ug/l
RT: 12.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

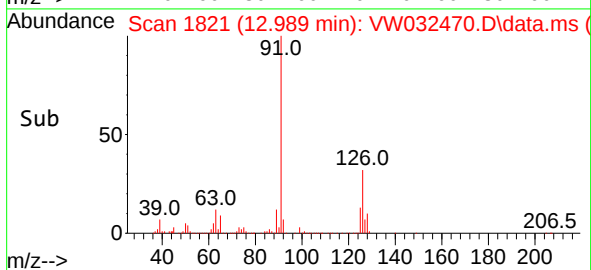
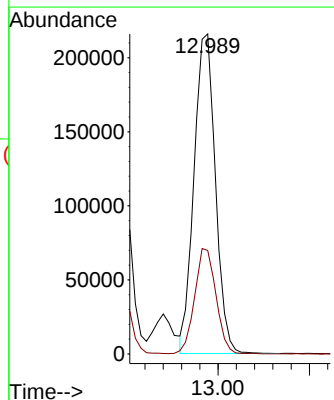
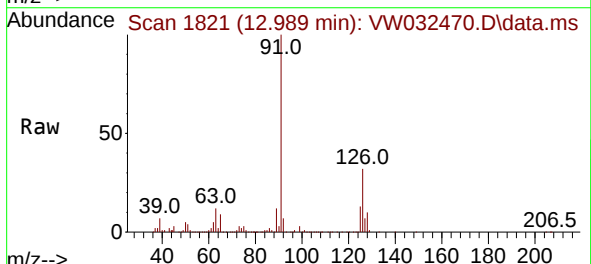
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

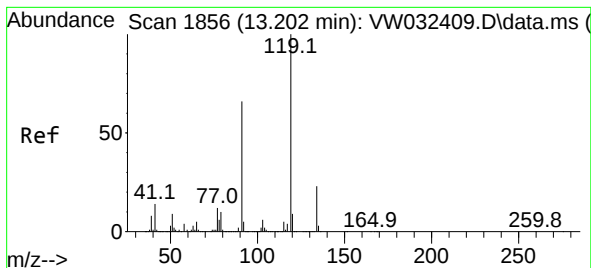
Tgt Ion: 75 Resp: 33360
Ion Ratio Lower Upper
75 100
53 104.1 77.8 116.8
89 40.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 20.968 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 91 Resp: 350145
Ion Ratio Lower Upper
91 100
126 33.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.902 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

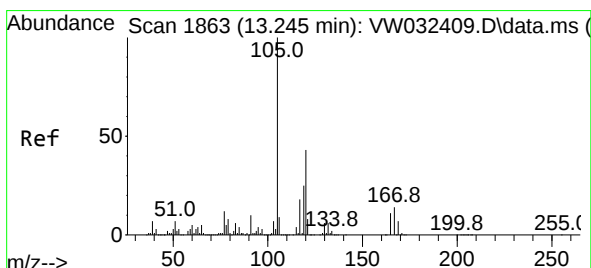
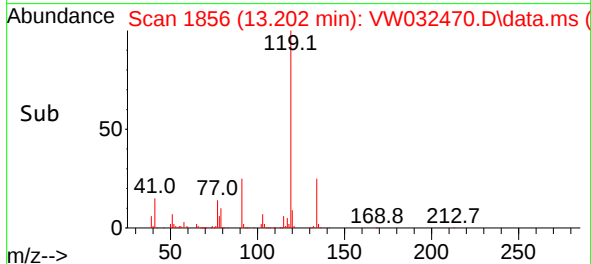
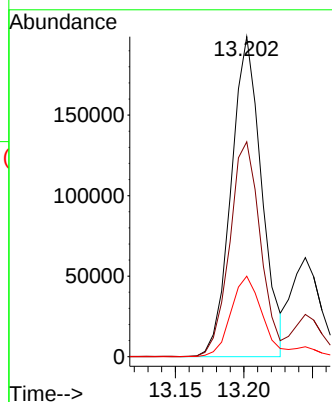
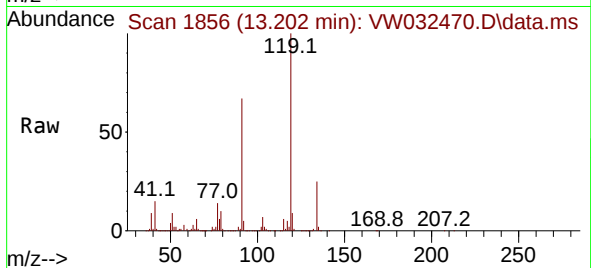
Tgt Ion:119 Resp: 308467

Ion Ratio Lower Upper

119 100

91 67.7 33.3 99.9

134 25.7 12.2 36.4



#84

1,2,4-Trimethylbenzene

Concen: 20.820 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032470.D

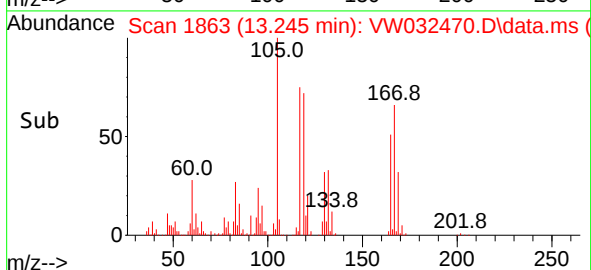
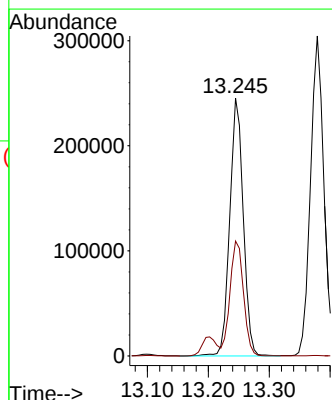
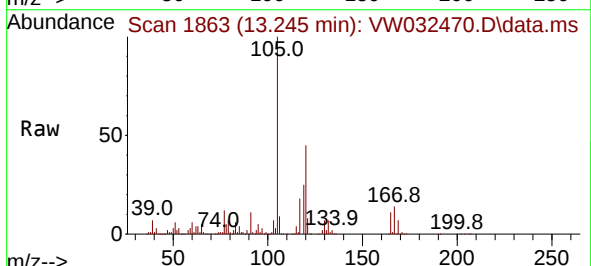
Acq: 18 Nov 2025 10:40

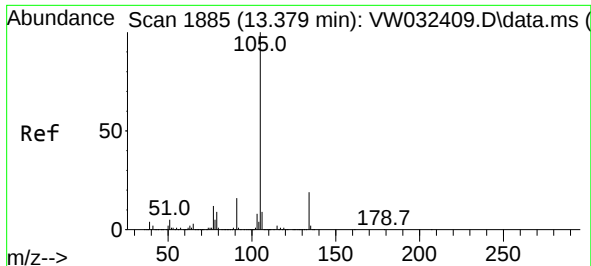
Tgt Ion:105 Resp: 377306

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.5

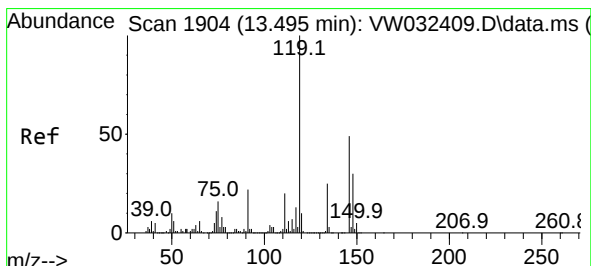
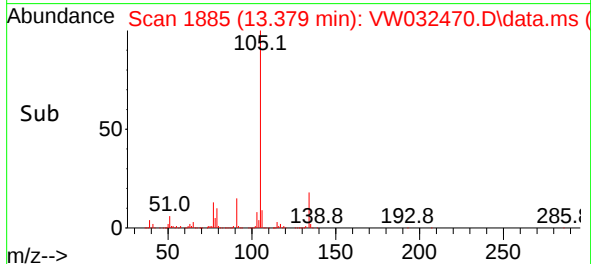
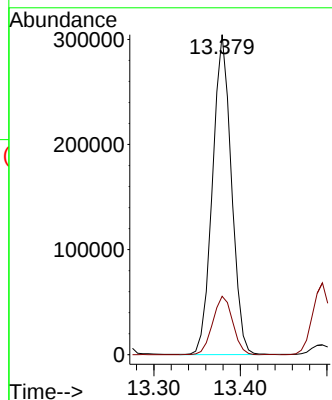
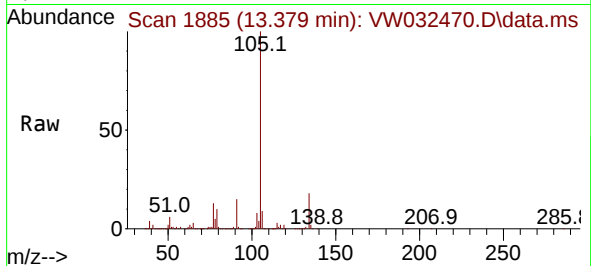




#85
 sec-Butylbenzene
 Concen: 19.988 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

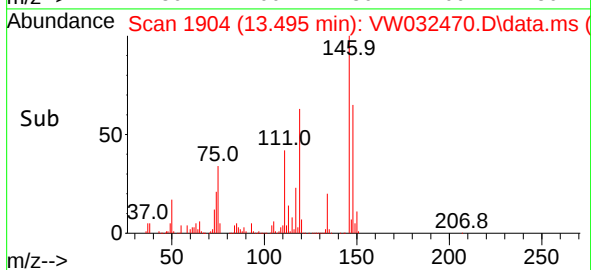
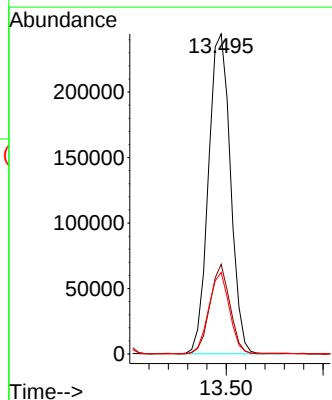
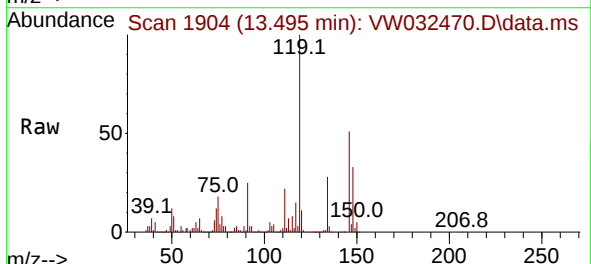
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1118SBS01

Tgt Ion:105 Resp: 461376
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.252 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032470.D
 Acq: 18 Nov 2025 10:40

Tgt Ion:119 Resp: 385969
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.198 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

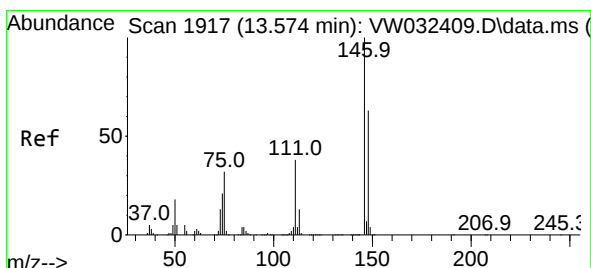
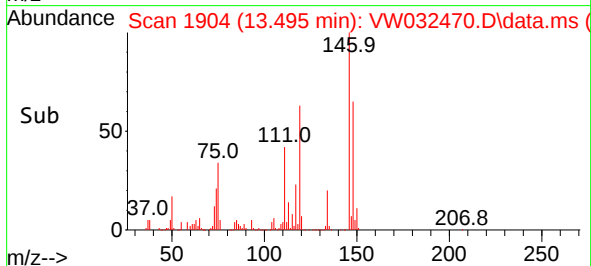
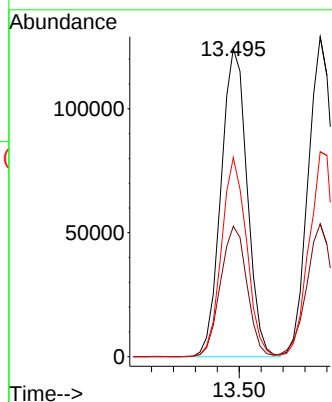
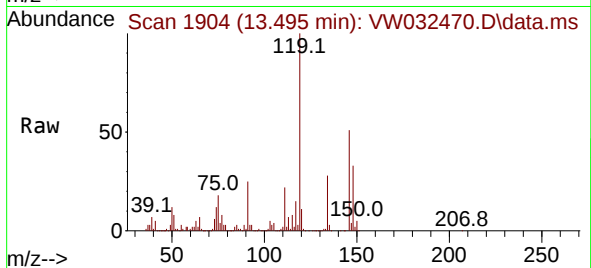
Tgt Ion:146 Resp: 205508

Ion Ratio Lower Upper

146 100

111 42.9 22.2 66.6

148 62.2 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 20.746 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

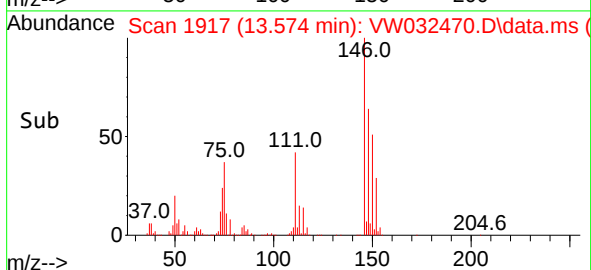
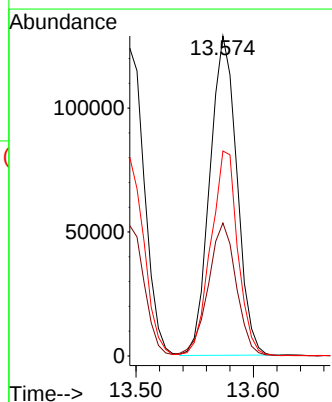
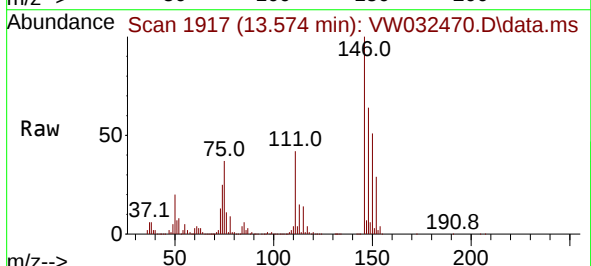
Tgt Ion:146 Resp: 206055

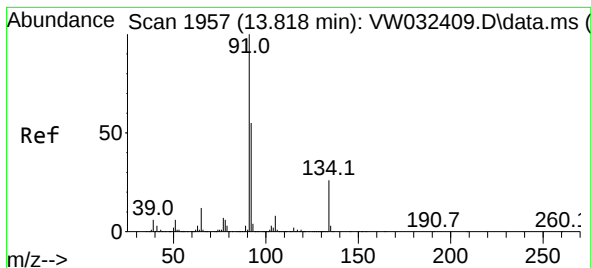
Ion Ratio Lower Upper

146 100

111 43.0 20.5 61.6

148 64.2 31.2 93.6





#89

n-Butylbenzene

Concen: 20.195 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

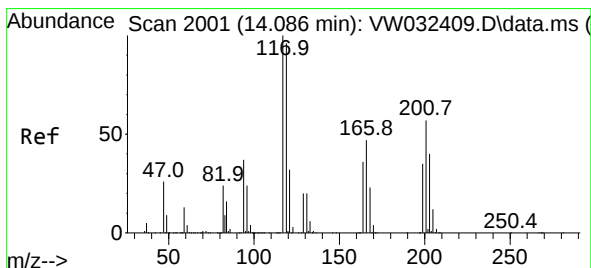
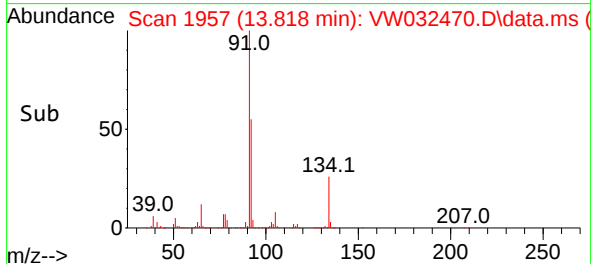
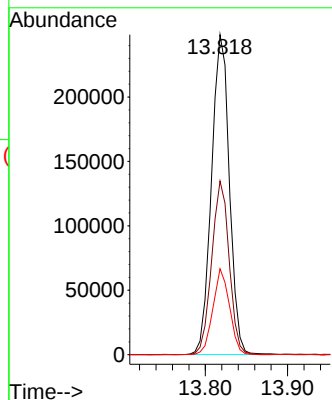
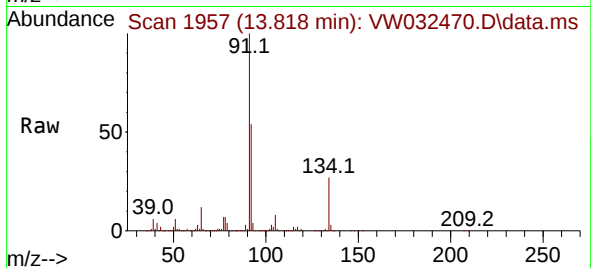
Tgt Ion: 91 Resp: 376028

Ion Ratio Lower Upper

91 100

92 53.3 27.4 82.2

134 25.0 12.4 37.4



#90

Hexachloroethane

Concen: 20.010 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032470.D

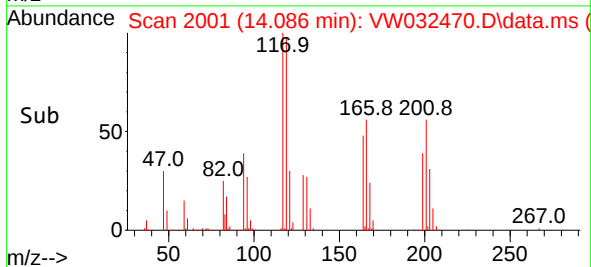
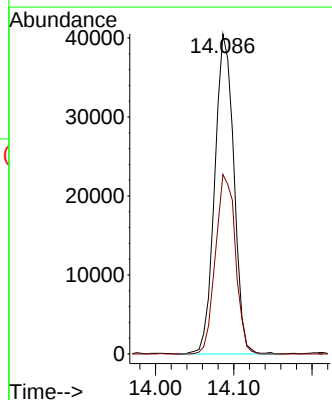
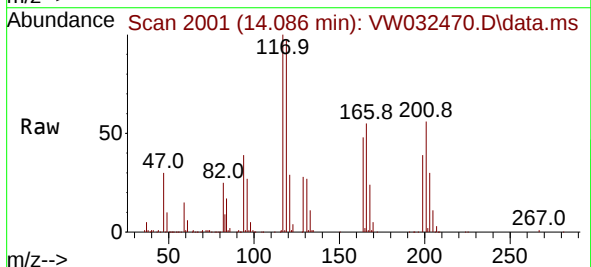
Acq: 18 Nov 2025 10:40

Tgt Ion: 117 Resp: 68760

Ion Ratio Lower Upper

117 100

201 58.5 32.0 96.0

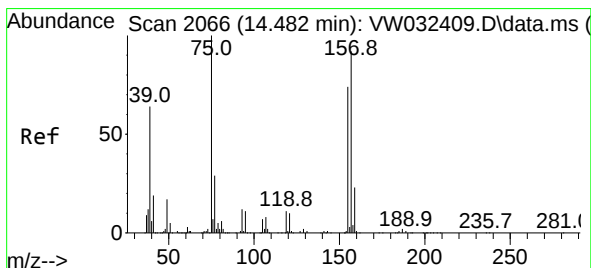
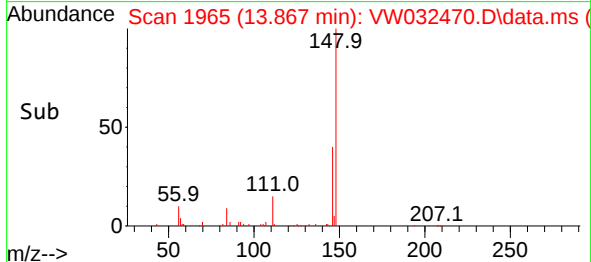
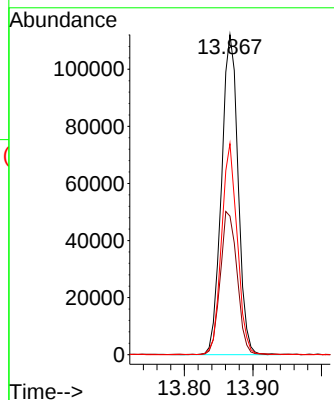
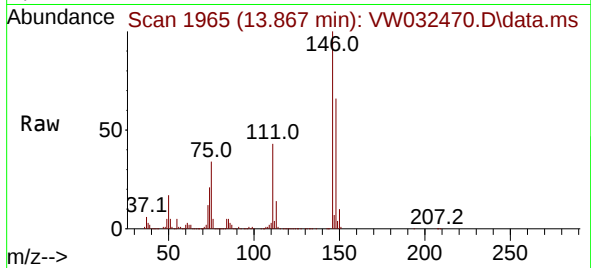




#91
1,2-Dichlorobenzene
Concen: 21.126 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

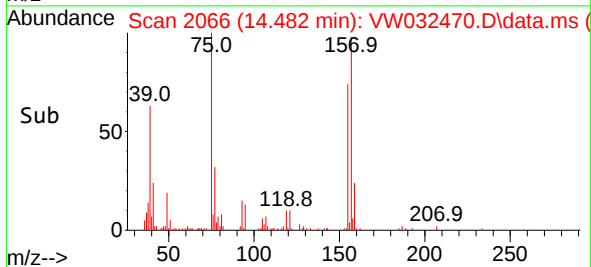
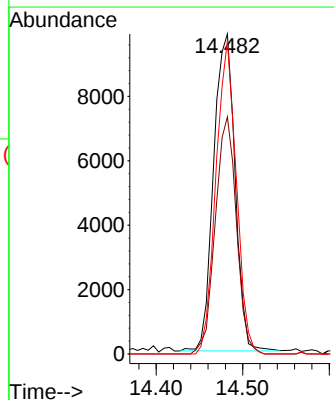
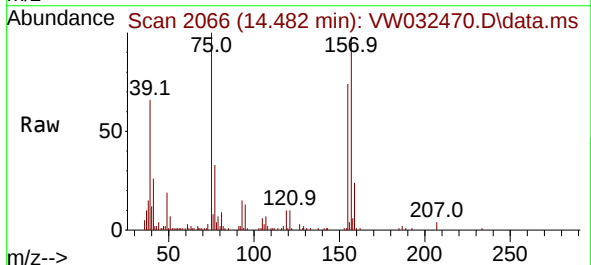
Instrument :
MSVOA_W
ClientSampleId :
VW1118SBS01

Tgt Ion:146 Resp: 188016
Ion Ratio Lower Upper
146 100
111 45.3 23.4 70.2
148 62.6 34.0 101.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.159 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032470.D
Acq: 18 Nov 2025 10:40

Tgt Ion: 75 Resp: 16916
Ion Ratio Lower Upper
75 100
155 73.7 36.2 108.6
157 93.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.059 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

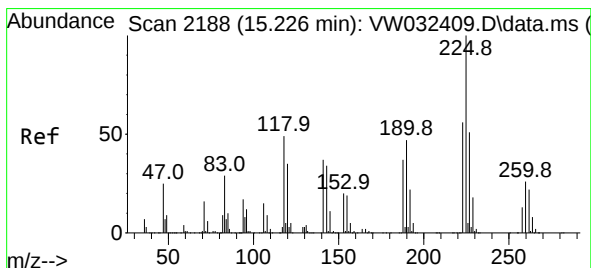
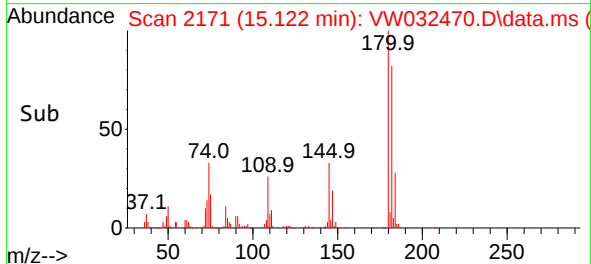
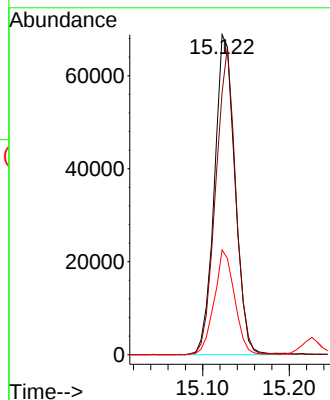
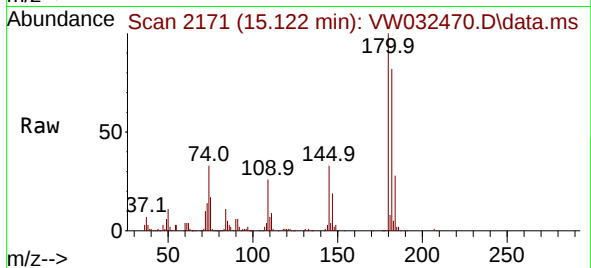
Tgt Ion:180 Resp: 113600

Ion Ratio Lower Upper

180 100

182 93.4 45.3 135.9

145 32.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 20.241 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

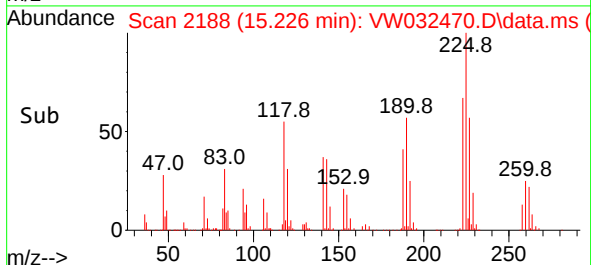
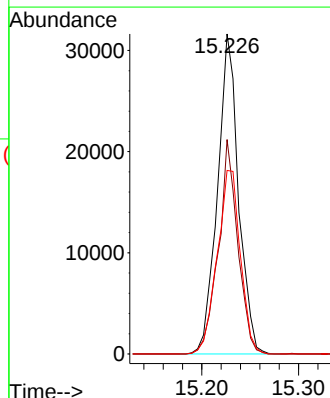
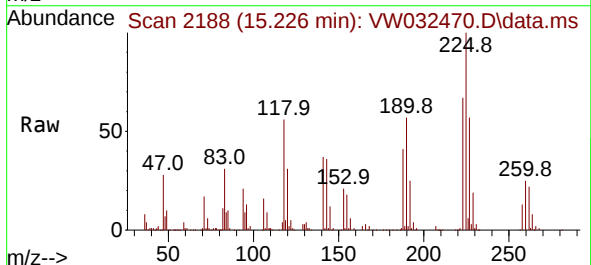
Tgt Ion:225 Resp: 47617

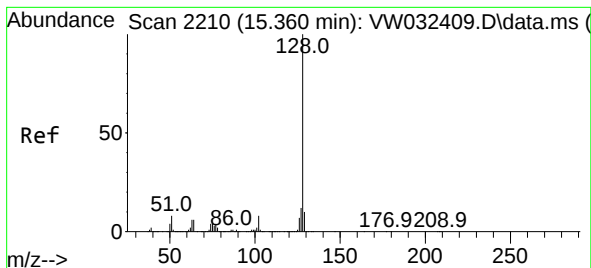
Ion Ratio Lower Upper

225 100

223 61.8 30.6 91.8

227 63.3 29.8 89.4





#95

Naphthalene

Concen: 17.977 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Instrument :

MSVOA_W

ClientSampleId :

VW1118SBS01

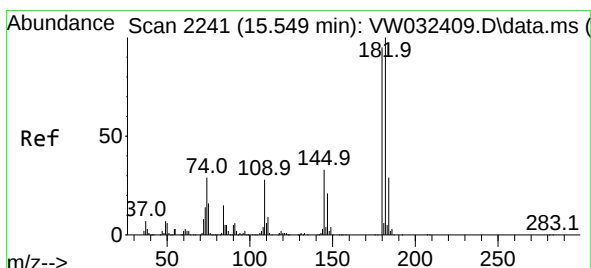
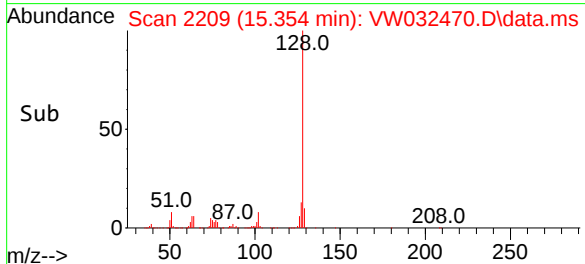
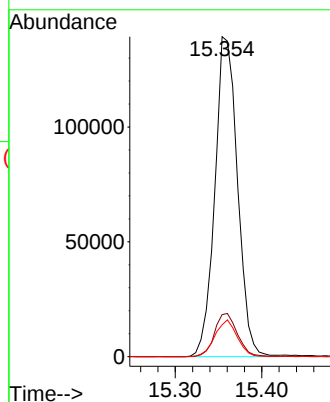
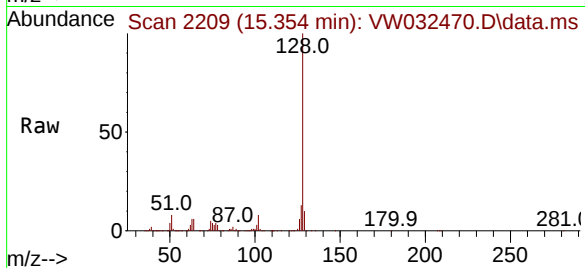
Tgt Ion:128 Resp: 253885

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 11.4 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.976 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032470.D

Acq: 18 Nov 2025 10:40

Tgt Ion:180 Resp: 102712

Ion Ratio Lower Upper

180 100

182 92.4 50.3 151.0

145 36.1 17.8 53.3

