

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032423.D
 Acq On : 11 Nov 2025 12:28
 Operator : SY/MD
 Sample : Q3530-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 12 03:47:07 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	407563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	752467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	683543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	329831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	272295	51.822	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 103.640%	
35) Dibromofluoromethane	7.904	113	233887	51.915	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 103.820%	
50) Toluene-d8	10.324	98	897315	51.918	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	12.617	95	334279	51.199	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 102.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.051	85	7240	3.501	ug/l	87
3) Chloromethane	2.253	50	16407	4.629	ug/l	89
4) Vinyl Chloride	2.399	62	19065	4.262	ug/l	89
5) Bromomethane	2.826	94	13955	4.664	ug/l	98
6) Chloroethane	2.972	64	12384	4.232	ug/l	92
7) Trichlorofluoromethane	3.307	101	13543	3.862	ug/l #	79
8) Diethyl Ether	3.722	74	12388	4.320	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.112	101	16843	4.409	ug/l	97
10) Methyl Iodide	4.313	142	26201	4.258	ug/l	97
11) Tert butyl alcohol	5.222	59	11481	25.269	ug/l #	93
12) 1,1-Dichloroethene	4.075	96	19754	4.509	ug/l #	92
13) Acrolein	3.941	56	12789	16.776	ug/l	95
14) Allyl chloride	4.709	41	33925	4.027	ug/l	98
15) Acrylonitrile	5.404	53	32962	19.882	ug/l	99
16) Acetone	4.167	43	31736	20.188	ug/l	97
17) Carbon Disulfide	4.423	76	52629	4.065	ug/l	98
18) Methyl Acetate	4.709	43	16836	4.325	ug/l	96
19) Methyl tert-butyl Ether	5.471	73	37564	4.068	ug/l	92
20) Methylene Chloride	4.959	84	29987	5.334	ug/l	91
21) trans-1,2-Dichloroethene	5.459	96	20875	4.167	ug/l	97
22) Diisopropyl ether	6.337	45	69699	4.064	ug/l	92
23) Vinyl Acetate	6.288	43	218316	18.578	ug/l	98
24) 1,1-Dichloroethane	6.246	63	40082	4.265	ug/l	98
25) 2-Butanone	7.203	43	44004	19.000	ug/l	97
26) 2,2-Dichloropropane	7.191	77	25663	4.900	ug/l	93
27) cis-1,2-Dichloroethene	7.191	96	25231	4.216	ug/l	95
28) Bromochloromethane	7.532	49	18427	4.149	ug/l	99
29) Tetrahydrofuran	7.563	42	27915	18.990	ug/l	98
30) Chloroform	7.697	83	41256	4.485	ug/l	97
31) Cyclohexane	7.971	56	42014	4.833	ug/l #	79
32) 1,1,1-Trichloroethane	7.886	97	29309	4.460	ug/l	95
36) 1,1-Dichloropropene	8.099	75	27468	4.138	ug/l	97
37) Ethyl Acetate	7.282	43	20210	4.094	ug/l	96
38) Carbon Tetrachloride	8.081	117	24889	4.220	ug/l	97
39) Methylcyclohexane	9.343	83	33498	3.895	ug/l	87
40) Benzene	8.337	78	92930	4.347	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	10071	3.714	ug/l	95
42) 1,2-Dichloroethane	8.416	62	27400	4.364	ug/l	99
43) Isopropyl Acetate	8.434	43	34477	3.945	ug/l	98
44) Trichloroethene	9.105	130	19938	4.008	ug/l	100
45) 1,2-Dichloropropane	9.379	63	22632	4.252	ug/l	96
46) Dibromomethane	9.471	93	12747	4.098	ug/l	96
47) Bromodichloromethane	9.648	83	28421	4.006	ug/l	96
48) Methyl methacrylate	9.446	41	14019	3.375	ug/l	92
49) 1,4-Dioxane	9.465	88	3383	77.638	ug/l #	80
51) 4-Methyl-2-Pentanone	10.215	43	91175	18.870	ug/l	99
52) Toluene	10.391	92	56405	4.272	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	27574	3.773	ug/l	97
54) cis-1,3-Dichloropropene	10.074	75	33247	3.934	ug/l	97
55) 1,1,2-Trichloroethane	10.794	97	18403	4.313	ug/l	92
56) Ethyl methacrylate	10.647	69	23438	3.580	ug/l	97
57) 1,3-Dichloropropane	10.934	76	31313	4.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	56992	16.346	ug/l	99
59) 2-Hexanone	10.971	43	62192	17.593	ug/l	97
60) Dibromochloromethane	11.129	129	18804	3.946	ug/l	99
61) 1,2-Dibromoethane	11.239	107	17078	4.109	ug/l	98
64) Tetrachloroethene	10.867	164	17925	4.428	ug/l #	90
65) Chlorobenzene	11.659	112	60909	4.134	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.726	131	17936	3.934	ug/l	96
67) Ethyl Benzene	11.733	91	100486	3.942	ug/l	99
68) m/p-Xylenes	11.836	106	76406	7.983	ug/l	97
69) o-Xylene	12.165	106	35342	3.856	ug/l	96
70) Styrene	12.178	104	59170	3.753	ug/l	99
71) Bromoform	12.348	173	9985	3.697	ug/l #	98
73) Isopropylbenzene	12.464	105	85723	3.539	ug/l	100
74) N-amyl acetate	12.269	43	27801	3.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	22446	3.904	ug/l	95
76) 1,2,3-Trichloropropane	12.763	75	27932	6.176	ug/l	36
77) Bromobenzene	12.745	156	22342	3.895	ug/l	96
78) n-propylbenzene	12.799	91	110921	3.760	ug/l	98
79) 2-Chlorotoluene	12.891	91	70425	3.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	73959	3.701	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	6147	3.113	ug/l #	78
82) 4-Chlorotoluene	12.988	91	74190	3.961	ug/l	98
83) tert-Butylbenzene	13.202	119	60161	3.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.245	105	75383	3.709	ug/l	98
85) sec-Butylbenzene	13.379	105	91359	3.529	ug/l	99
86) p-Isopropyltoluene	13.494	119	75967	3.554	ug/l	99
87) 1,3-Dichlorobenzene	13.494	146	45320	4.168	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	44886	4.029	ug/l	87
89) n-Butylbenzene	13.818	91	76465	3.661	ug/l	98
90) Hexachloroethane	14.092	117	14744	3.825	ug/l	93
91) 1,2-Dichlorobenzene	13.866	146	42568	4.264	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3709	3.745	ug/l	98
93) 1,2,4-Trichlorobenzene	15.128	180	23993	3.777	ug/l	95
94) Hexachlorobutadiene	15.226	225	10566	4.004	ug/l	94
95) Naphthalene	15.360	128	51068	3.224	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	22018	3.818	ug/l	91

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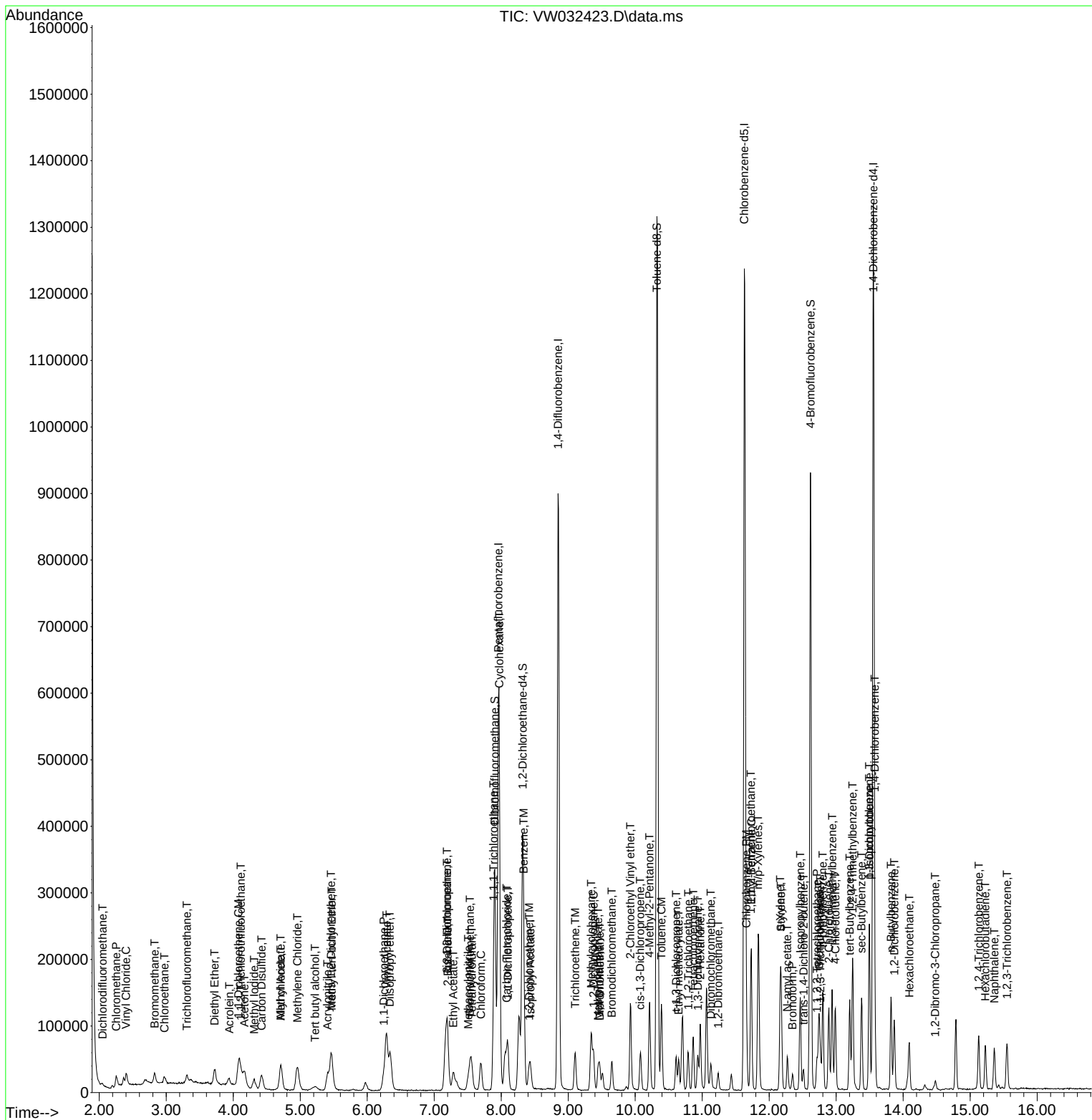
Instrument :
MSVOA_W
ClientSampleId :

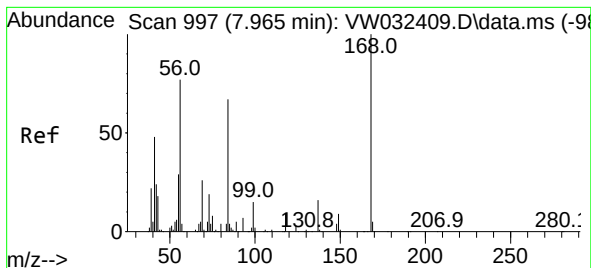
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Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.959 min Scan# 99

Delta R.T. -0.006 min

Lab File: VW032423.D

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Instrument :

MSVOA_W

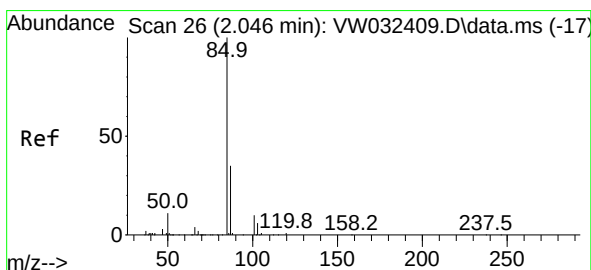
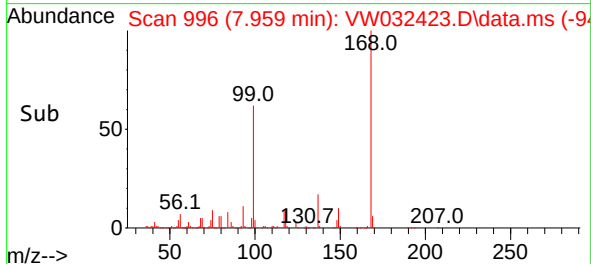
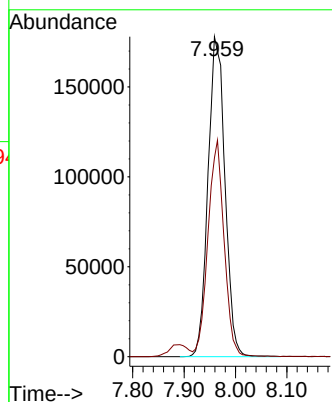
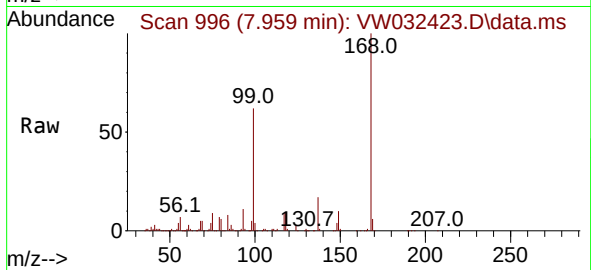
ClientSampleId :

Tgt Ion:168 Resp: 407563

Ion Ratio Lower Upper

168 100

99 62.0 45.4 68.2



#2

Dichlorodifluoromethane

Concen: 3.501 ug/l

RT: 2.051 min Scan# 27

Delta R.T. 0.006 min

Lab File: VW032423.D

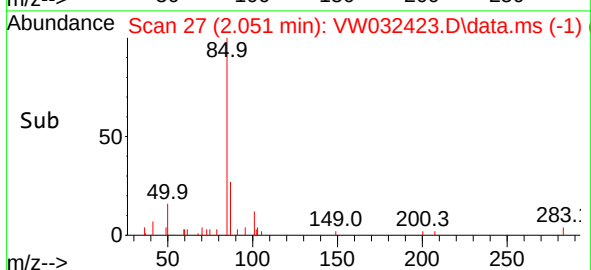
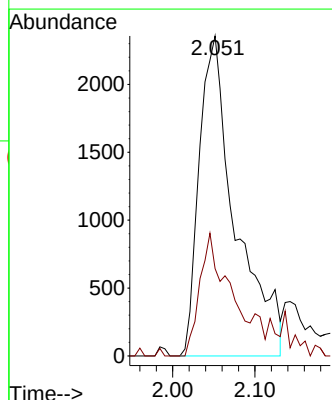
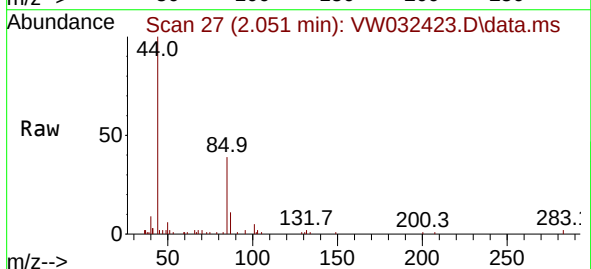
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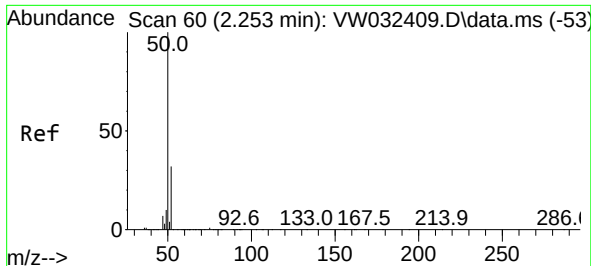
Tgt Ion: 85 Resp: 7240

Ion Ratio Lower Upper

85 100

87 27.3 17.4 52.2

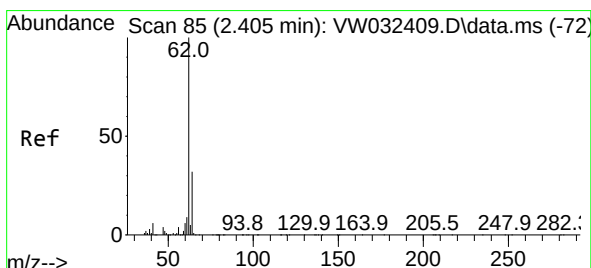
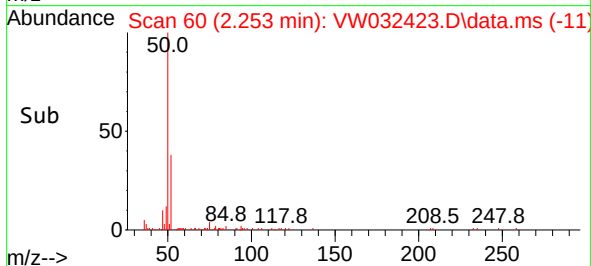
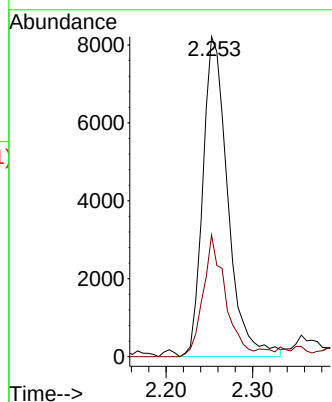
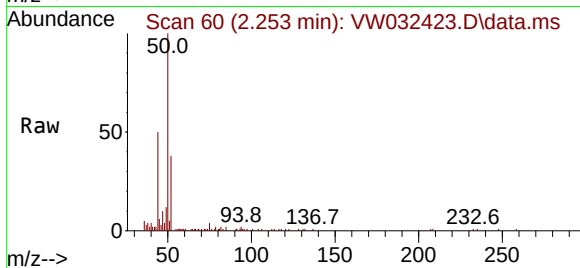




#3
Chloromethane
Concen: 4.629 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

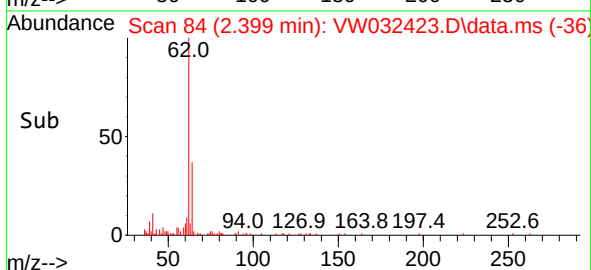
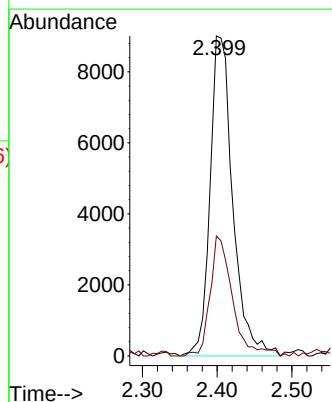
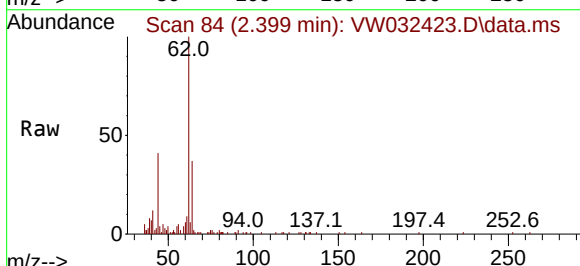
Instrument :
MSVOA_W
ClientSampleId :

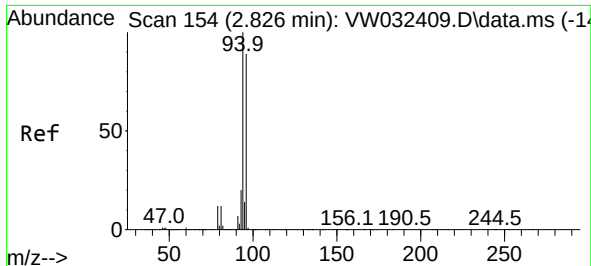
Tgt Ion: 50 Resp: 16407
Ion Ratio Lower Upper
50 100
52 38.1 25.5 38.3



#4
Vinyl Chloride
Concen: 4.262 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 62 Resp: 19065
Ion Ratio Lower Upper
62 100
64 37.5 25.2 37.8

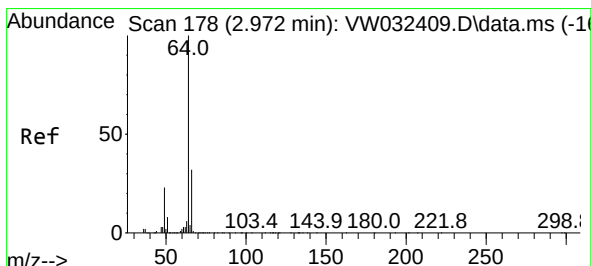
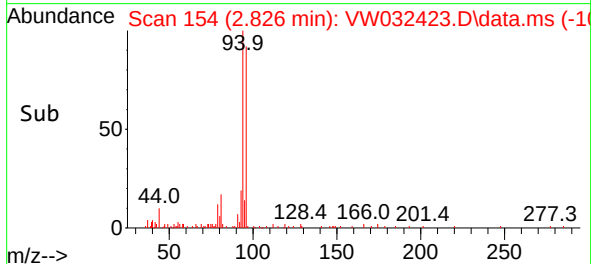
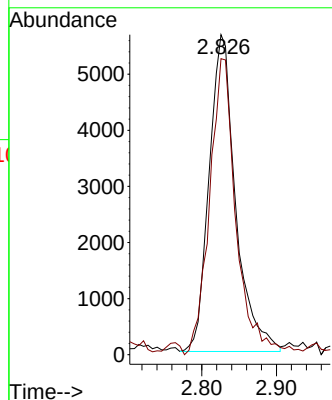
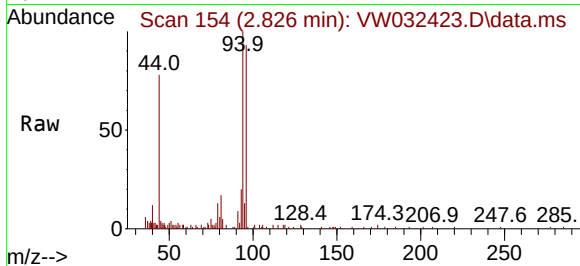




#5
Bromomethane
Concen: 4.664 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

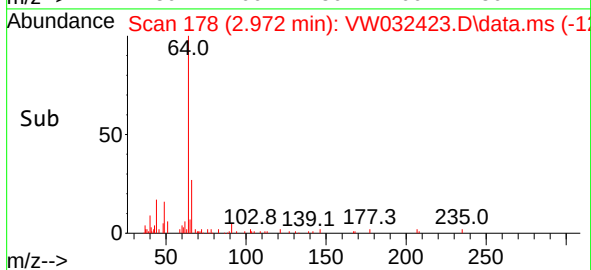
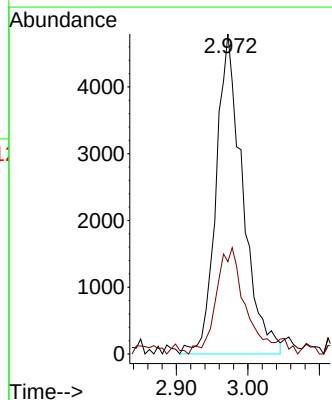
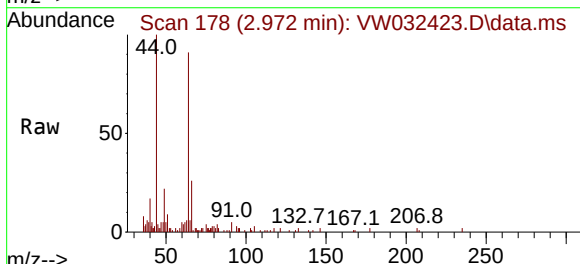
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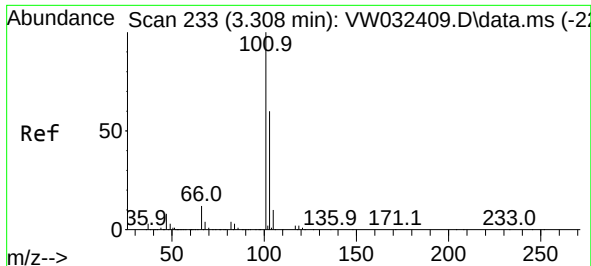
Tgt Ion: 94 Resp: 13955
Ion Ratio Lower Upper
94 100
96 91.1 71.4 107.2



#6
Chloroethane
Concen: 4.232 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 64 Resp: 12384
Ion Ratio Lower Upper
64 100
66 27.8 25.6 38.4

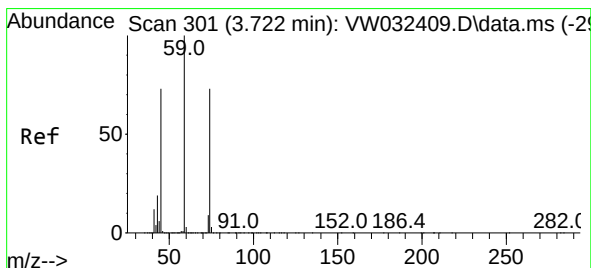
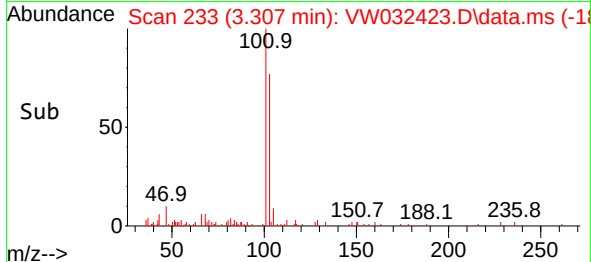
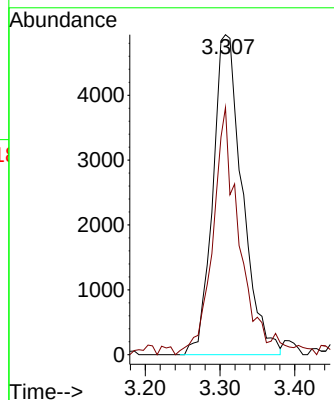
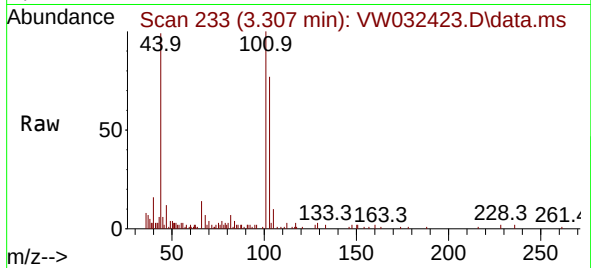




#7
 Trichlorofluoromethane
 Concen: 3.862 ug/l
 RT: 3.307 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

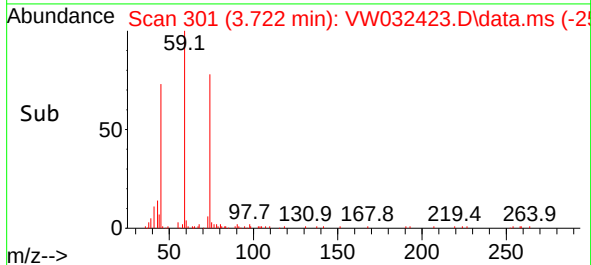
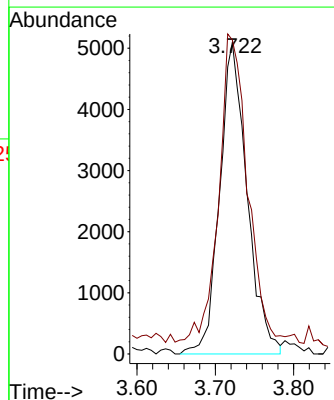
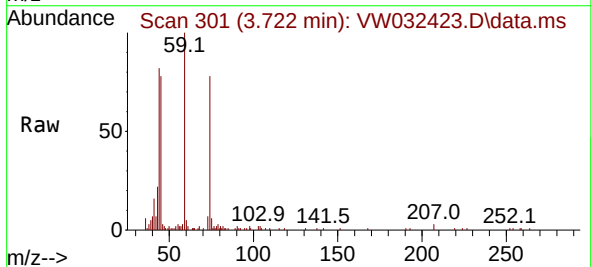
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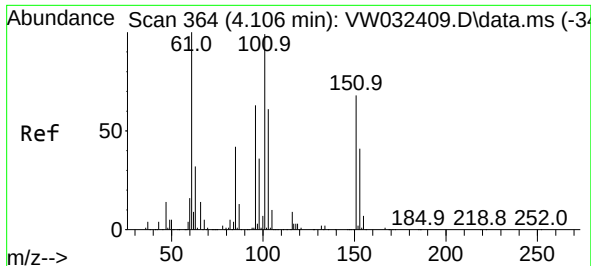
Tgt Ion:101 Resp: 13543
 Ion Ratio Lower Upper
 101 100
 103 76.0 48.0 72.0#



#8
 Diethyl Ether
 Concen: 4.320 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032423.D
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Tgt Ion: 74 Resp: 12388
 Ion Ratio Lower Upper
 74 100
 45 102.3 51.8 155.4

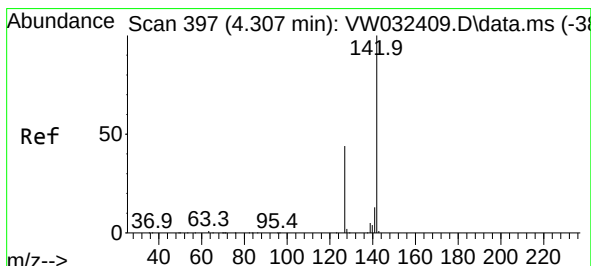
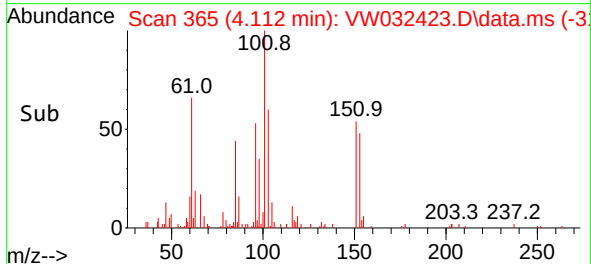
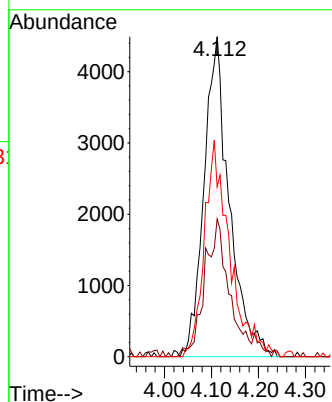
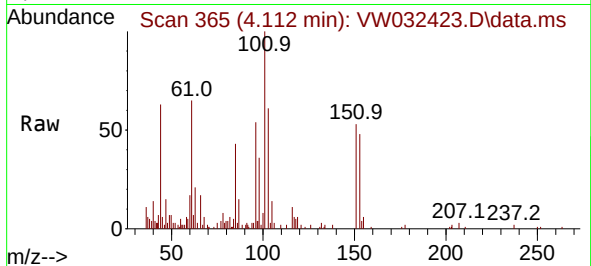




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 4.112 min Scan# 365
Delta R.T. 0.006 min
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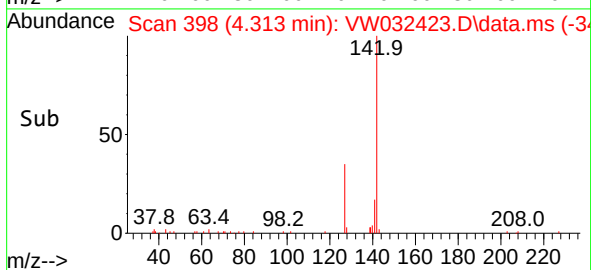
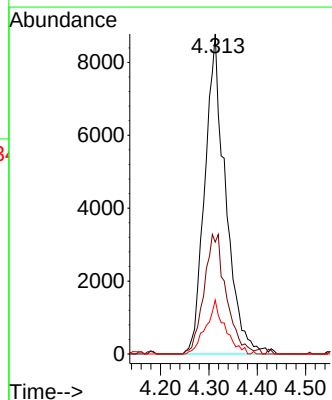
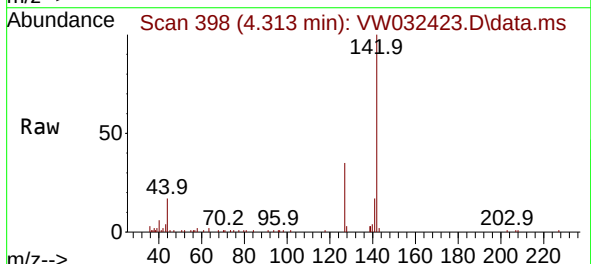
Instrument :
MSVOA_W
ClientSampleId :

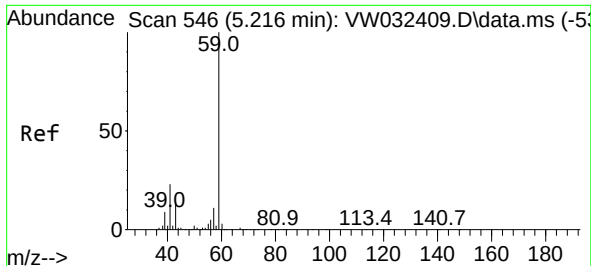
Tgt Ion:101 Resp: 16843
Ion Ratio Lower Upper
101 100
85 41.1 34.1 51.1
151 67.4 56.4 84.6



#10
Methyl Iodide
Concen: 4.258 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:142 Resp: 26201
Ion Ratio Lower Upper
142 100
127 40.5 34.2 51.2
141 15.4 11.8 17.8

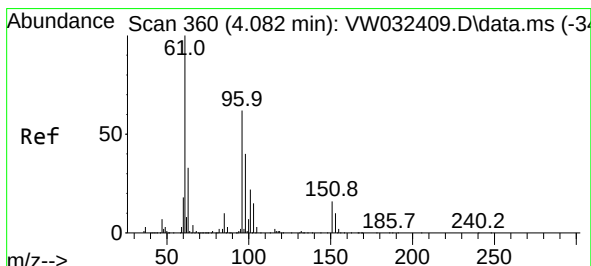
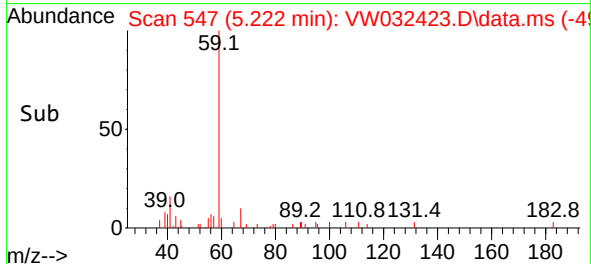
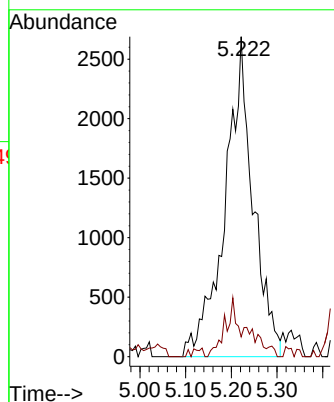
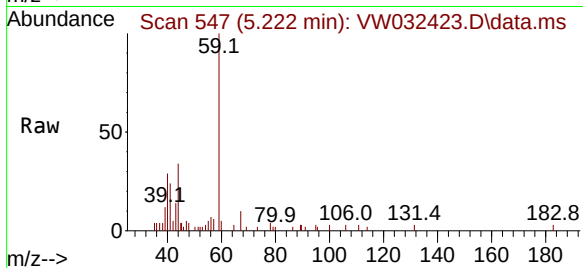




#11
Tert butyl alcohol
Concen: 25.269 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

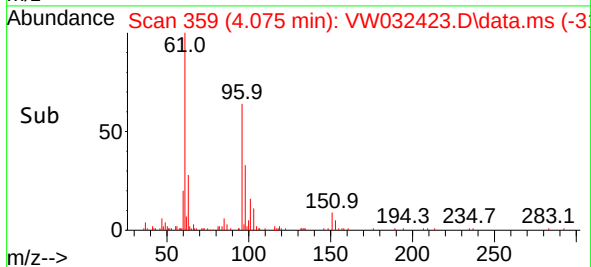
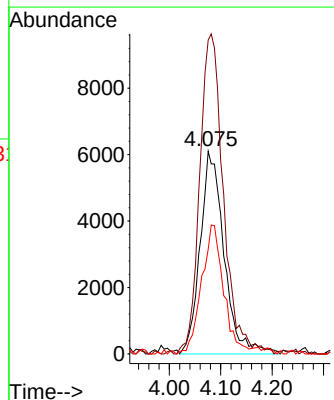
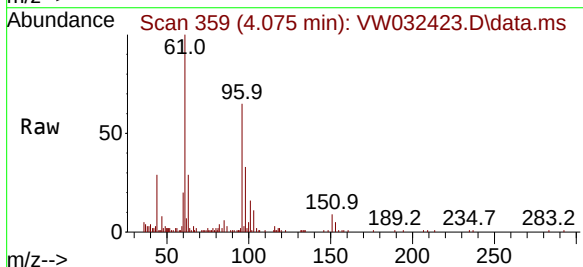
Instrument :
MSVOA_W
ClientSampleId :

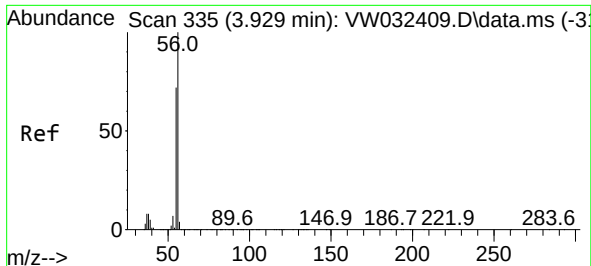
Tgt Ion: 59 Resp: 11481
Ion Ratio Lower Upper
59 100
57 8.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 4.509 ug/l
RT: 4.075 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

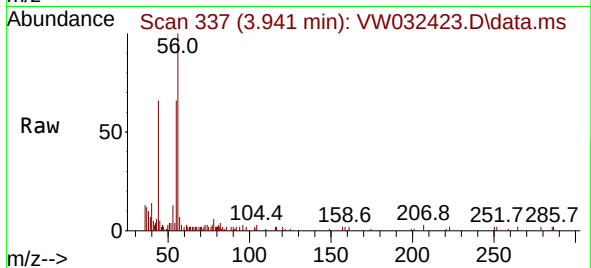
Tgt Ion: 96 Resp: 19754
Ion Ratio Lower Upper
96 100
61 154.8 129.0 193.6
98 50.4 51.1 76.7#



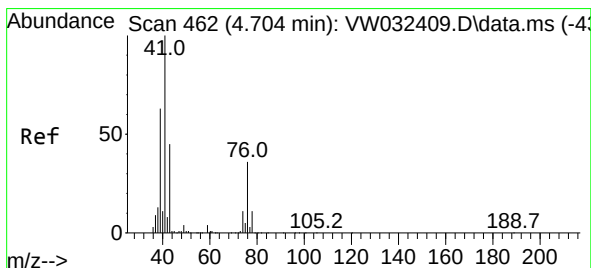
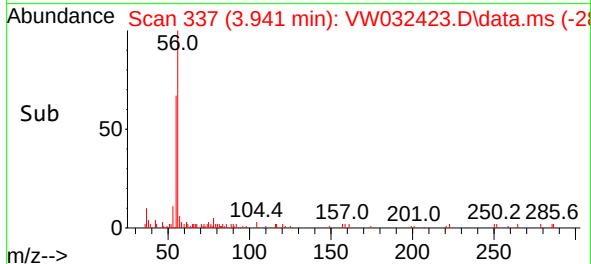
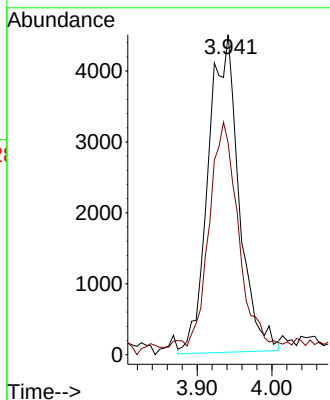


#13
Acrolein
Concen: 16.776 ug/l
RT: 3.941 min Scan# 31
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :

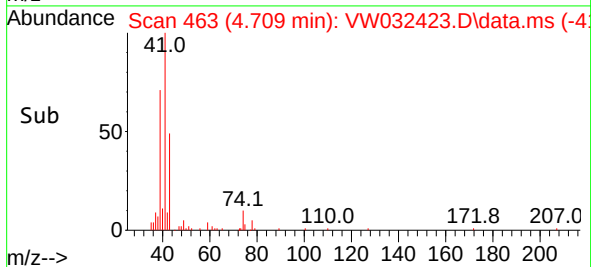
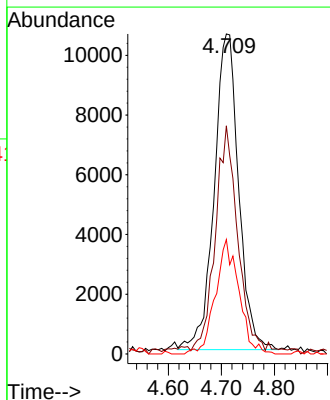
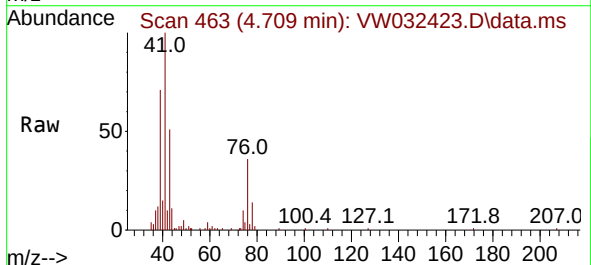


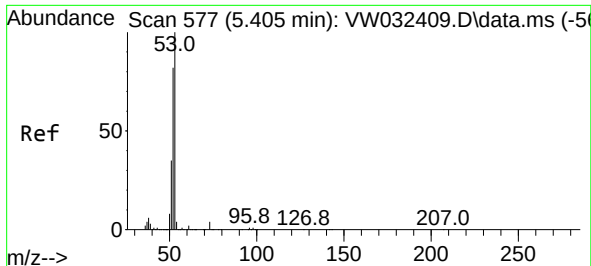
Tgt Ion: 56 Resp: 12789
Ion Ratio Lower Upper
56 100
55 66.4 56.3 84.5



#14
Allyl chloride
Concen: 4.027 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

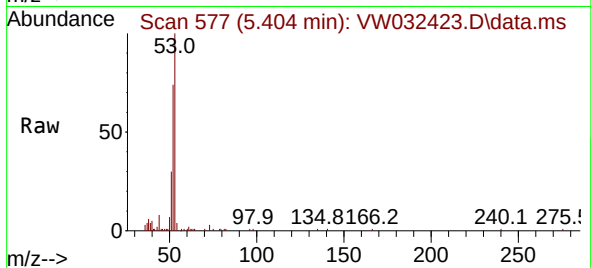
Tgt Ion: 41 Resp: 33925
Ion Ratio Lower Upper
41 100
39 64.5 50.2 75.2
76 34.8 27.0 40.6



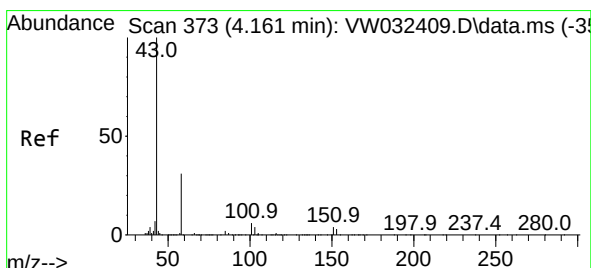
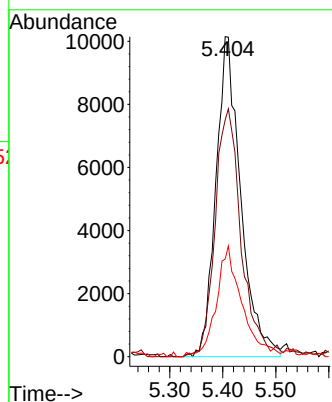
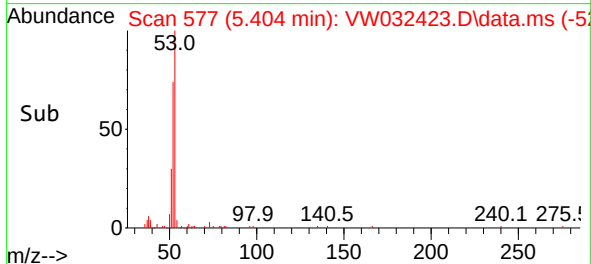


#15
Acrylonitrile
Concen: 19.882 ug/l
RT: 5.404 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :

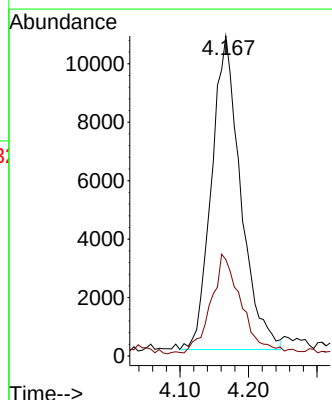
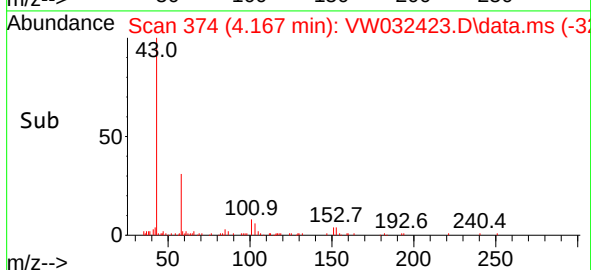
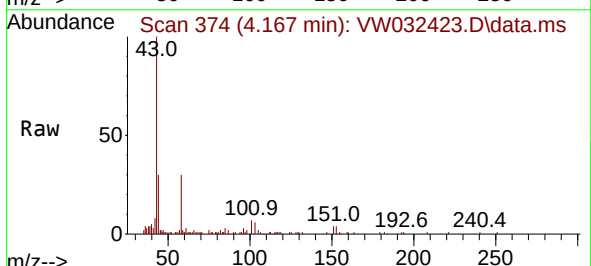


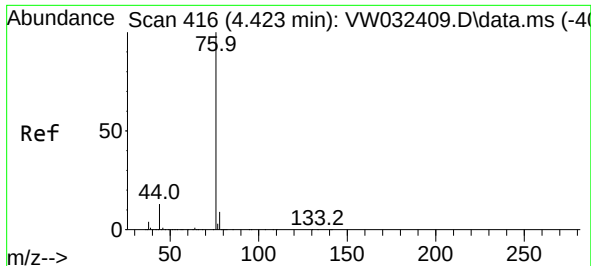
Tgt Ion: 53 Resp: 32962
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.4 28.6 43.0



#16
Acetone
Concen: 20.188 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 31736
Ion Ratio Lower Upper
43 100
58 29.6 24.8 37.2

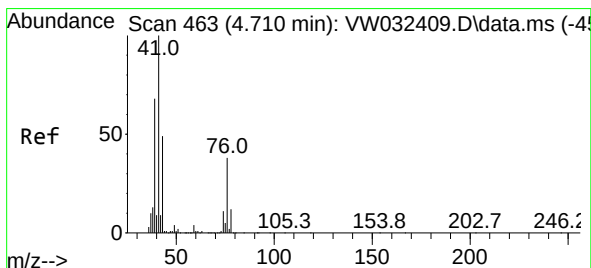
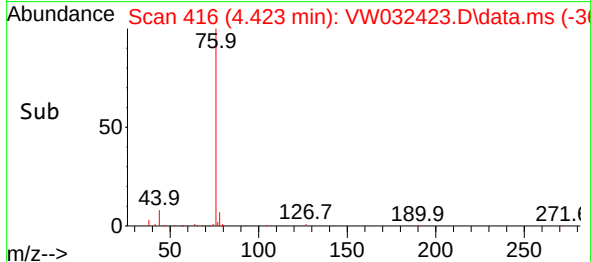
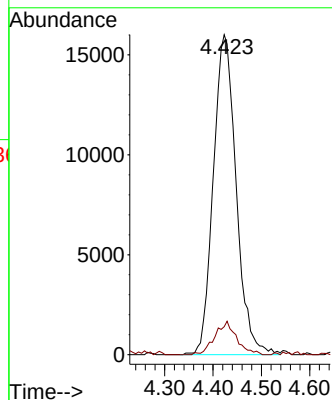
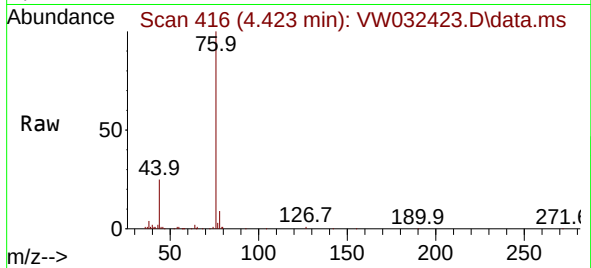




#17
Carbon Disulfide
Concen: 4.065 ug/l
RT: 4.423 min Scan# 416
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

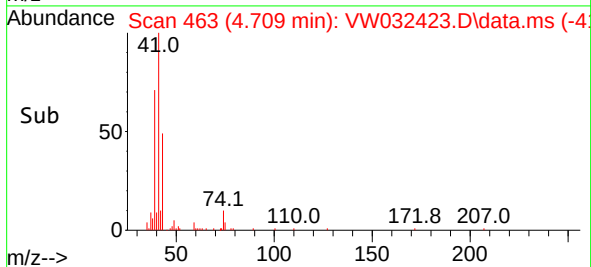
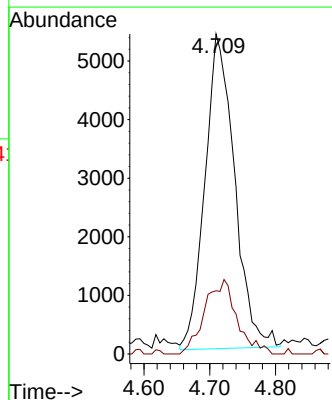
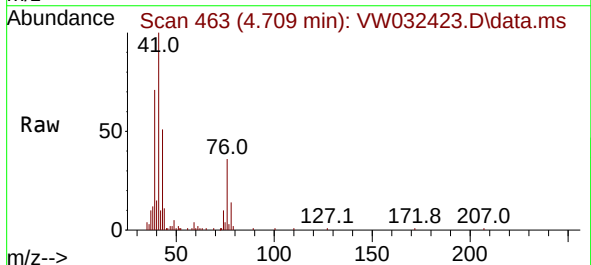
Instrument :
MSVOA_W
ClientSampleId :

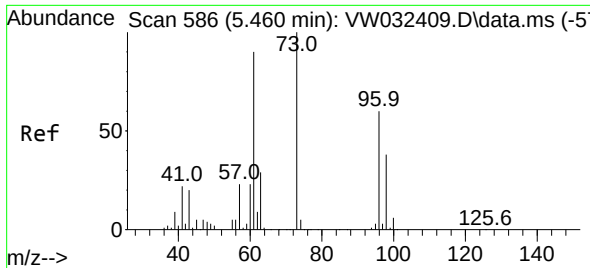
Tgt Ion: 76 Resp: 52629
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 4.325 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 16836
Ion Ratio Lower Upper
43 100
74 25.6 18.9 28.3

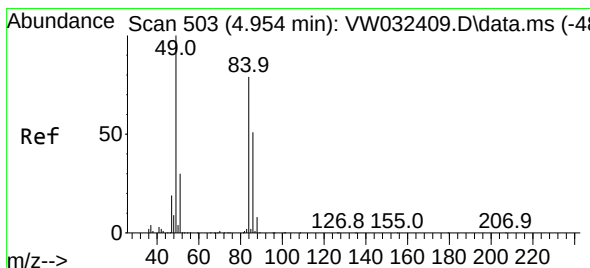
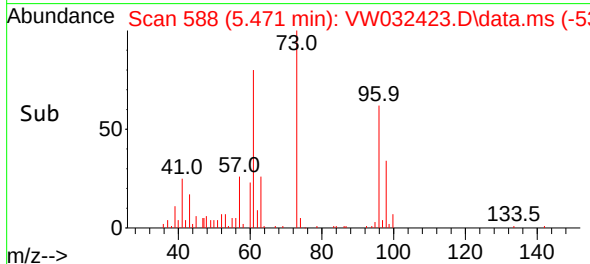
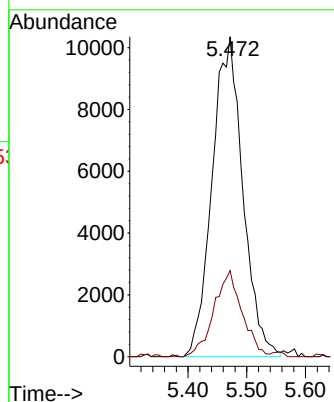
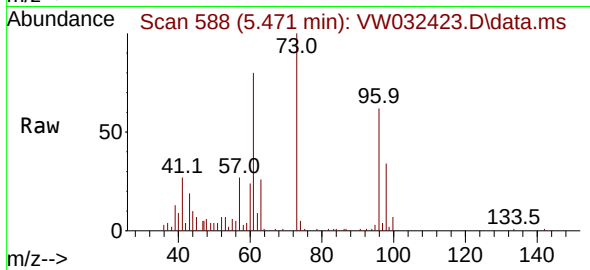




#19
Methyl tert-butyl Ether
Concen: 4.068 ug/l
RT: 5.471 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

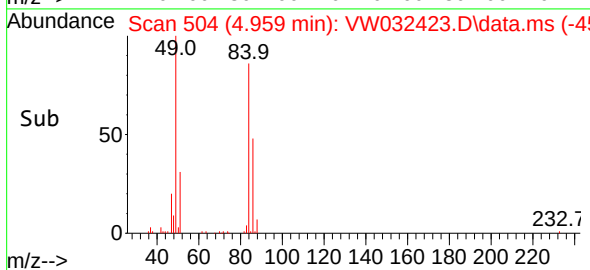
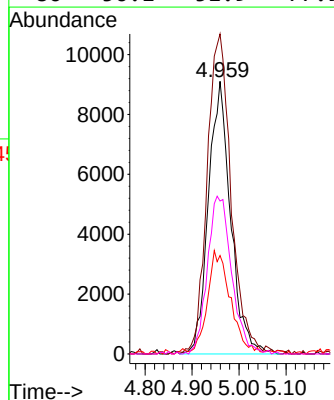
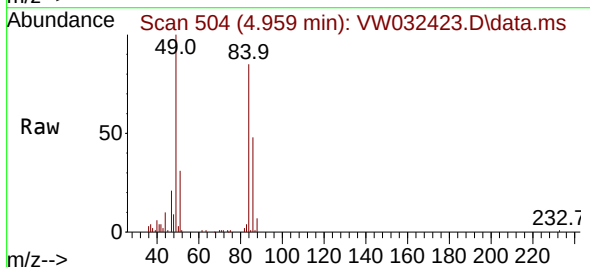
Instrument :
MSVOA_W
ClientSampleId :

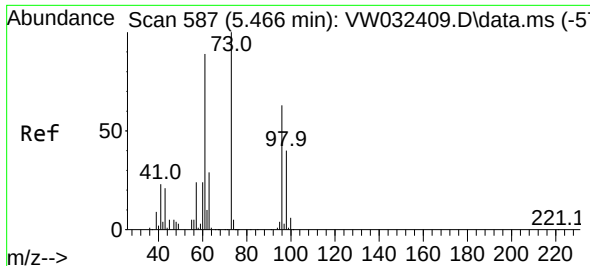
Tgt Ion: 73 Resp: 37564
Ion Ratio Lower Upper
73 100
57 26.9 18.3 27.5



#20
Methylene Chloride
Concen: 5.334 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 84 Resp: 29987
Ion Ratio Lower Upper
84 100
49 116.7 101.5 152.3
51 35.1 30.6 46.0
86 56.1 51.9 77.9

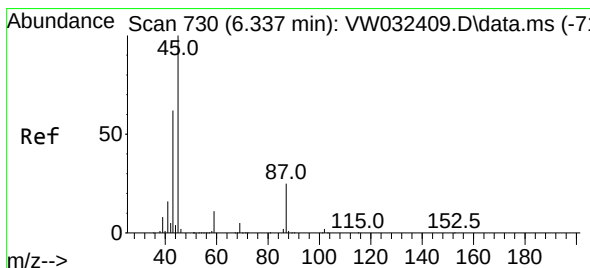
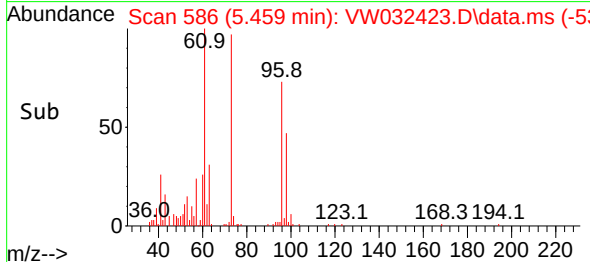
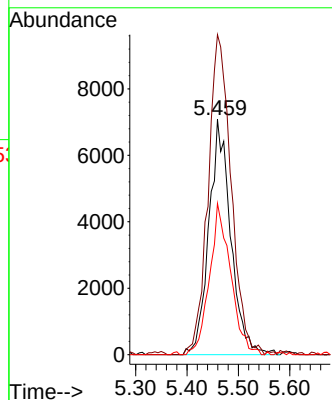
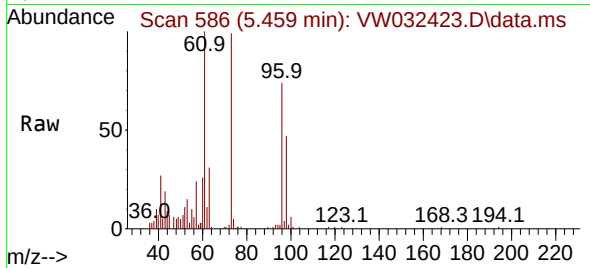




#21
trans-1,2-Dichloroethene
Concen: 4.167 ug/l
RT: 5.459 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

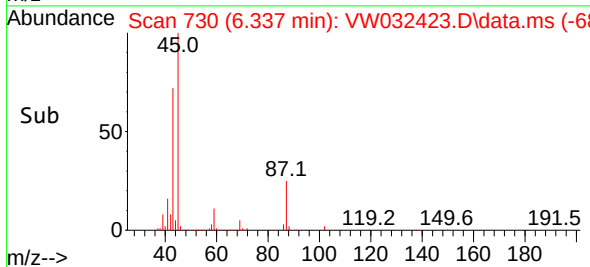
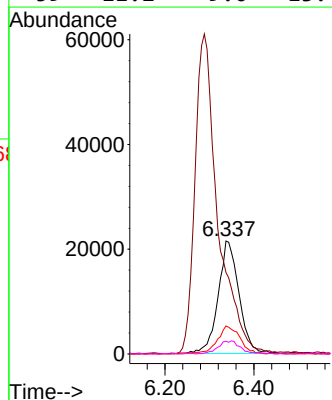
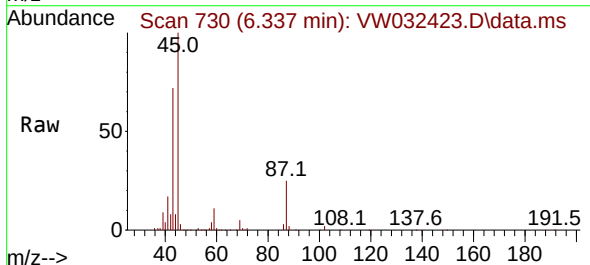
Instrument :
MSVOA_W
ClientSampleId :

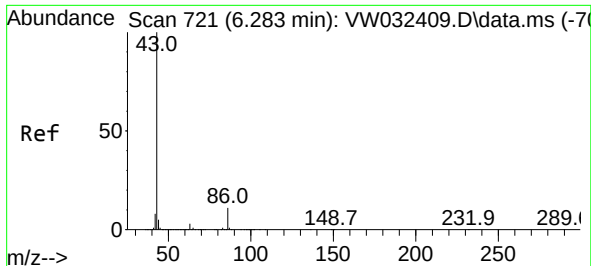
Tgt Ion: 96 Resp: 20875
Ion Ratio Lower Upper
96 100
61 136.0 112.5 168.7
98 64.3 51.1 76.7



#22
Diisopropyl ether
Concen: 4.064 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 45 Resp: 69699
Ion Ratio Lower Upper
45 100
43 70.6 49.4 74.2
87 24.6 20.1 30.1
59 11.2 9.0 13.4

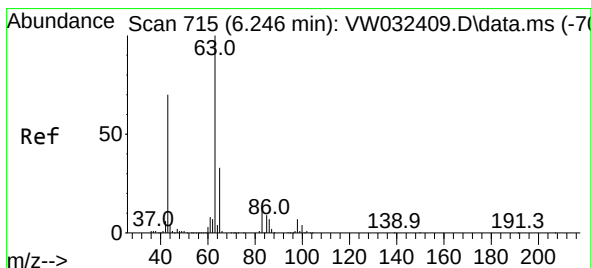
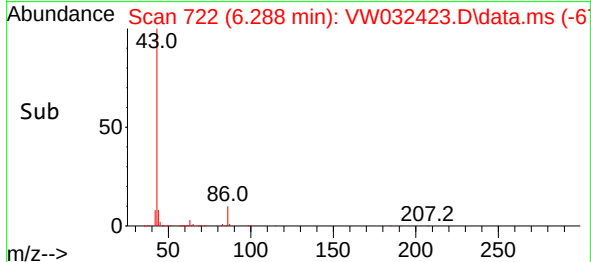
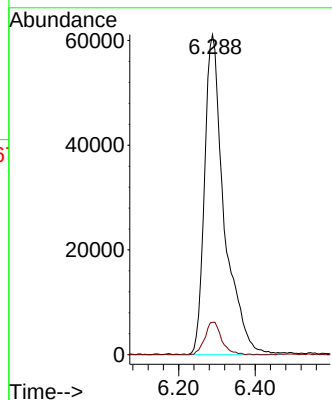
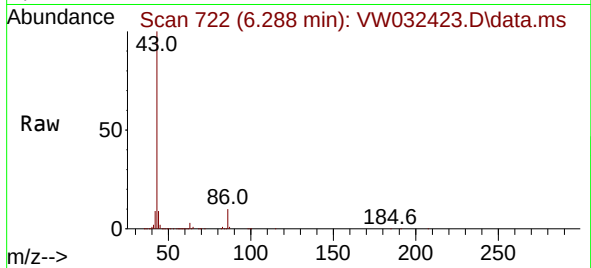




#23
 Vinyl Acetate
 Concen: 18.578 ug/l
 RT: 6.288 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

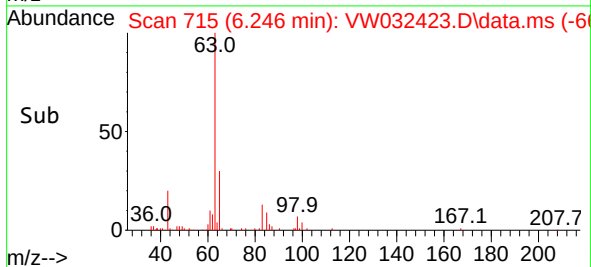
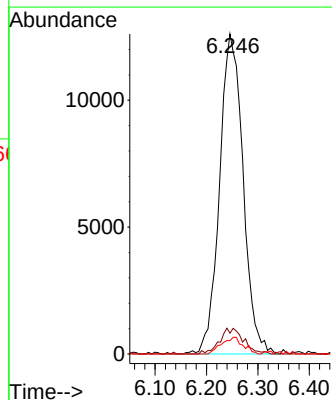
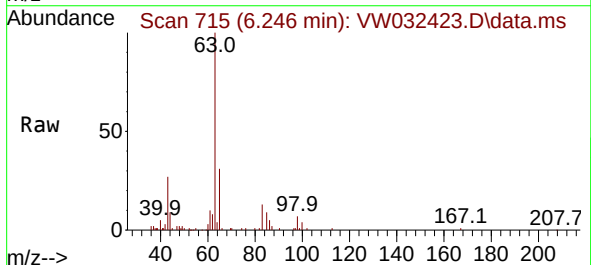
Instrument :
 MSVOA_W
 ClientSampleId :

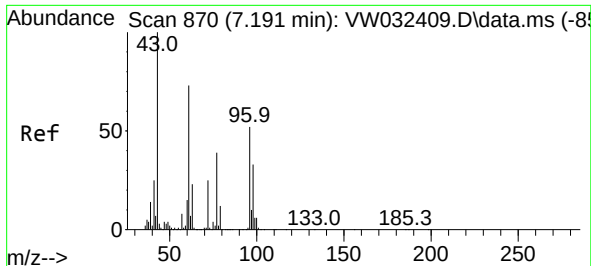
Tgt Ion: 43 Resp: 218316
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 4.265 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion: 63 Resp: 40082
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.2 2.3 6.8

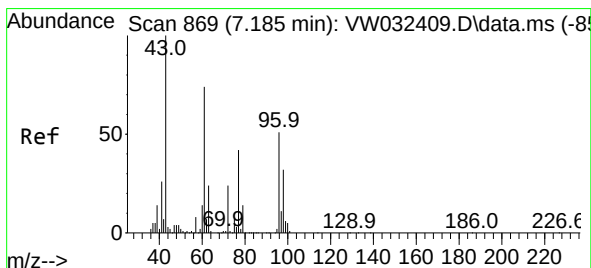
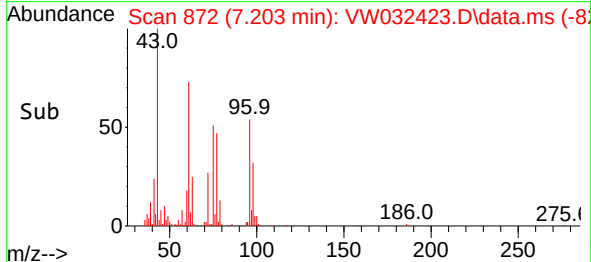
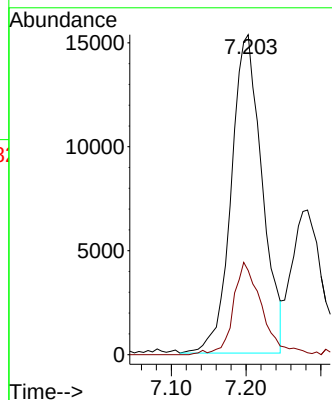
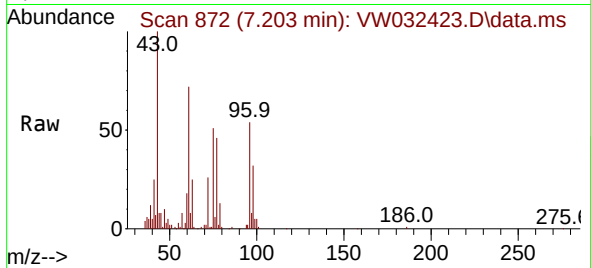




#25
2-Butanone
Concen: 19.000 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

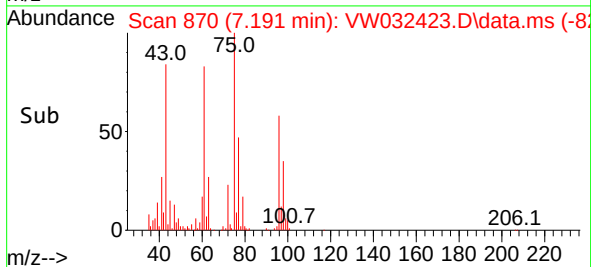
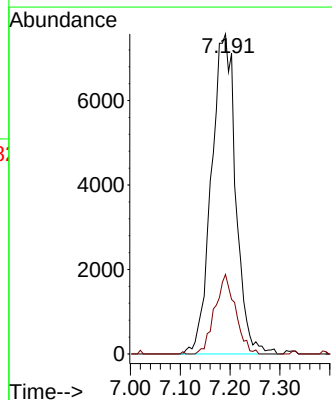
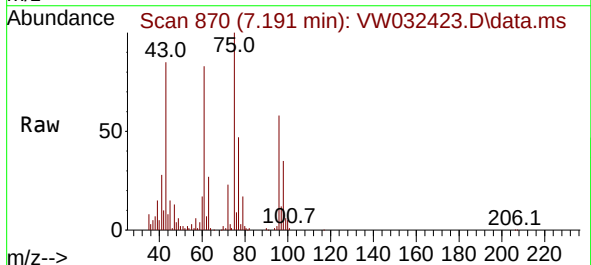
Instrument :
MSVOA_W
ClientSampleId :

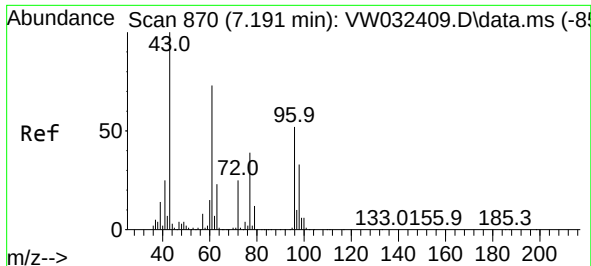
Tgt Ion: 43 Resp: 44004
Ion Ratio Lower Upper
43 100
72 26.5 20.0 30.0



#26
2,2-Dichloropropane
Concen: 4.900 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 77 Resp: 25663
Ion Ratio Lower Upper
77 100
97 21.1 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 4.216 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

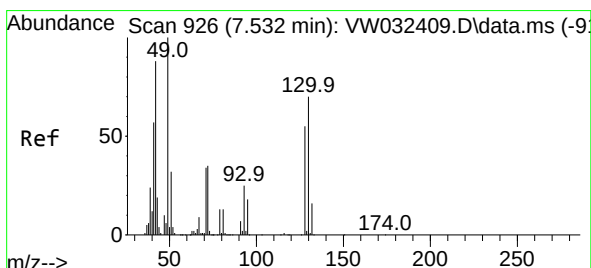
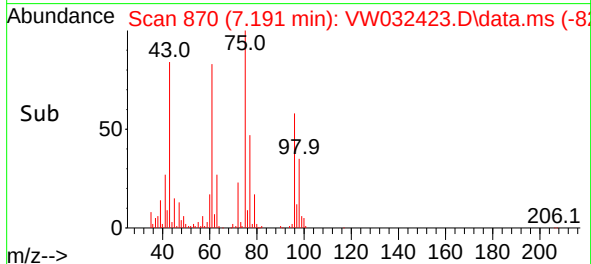
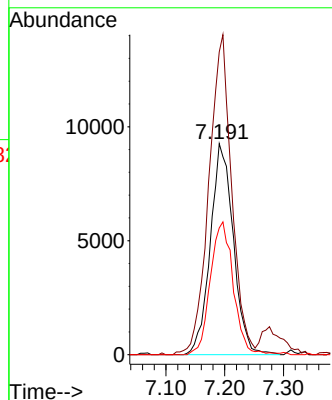
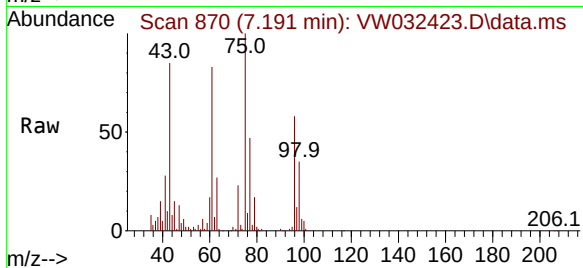
Tgt Ion: 96 Resp: 25231

Ion Ratio Lower Upper

96 100

61 149.8 0.0 282.6

98 62.7 0.0 128.6



#28

Bromochloromethane

Concen: 4.149 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

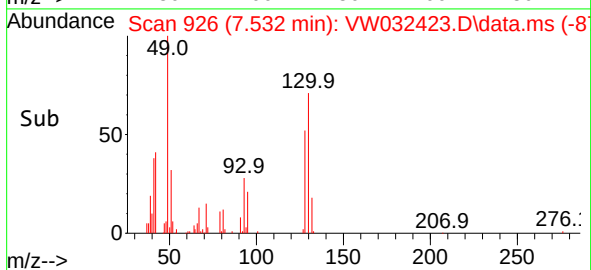
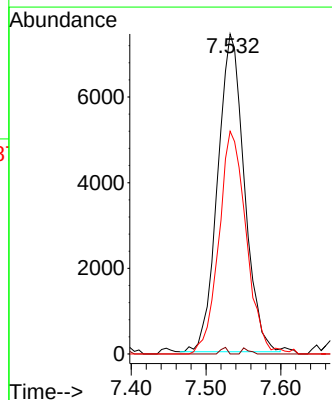
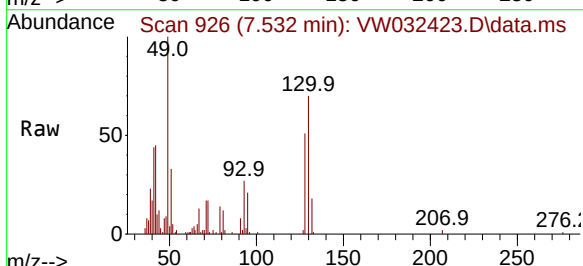
Tgt Ion: 49 Resp: 18427

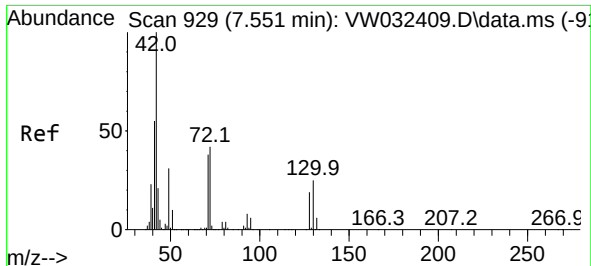
Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.8

130 72.2 56.9 85.3





#29

Tetrahydrofuran

Concen: 18.990 ug/l

RT: 7.563 min Scan# 91

Delta R.T. 0.012 min

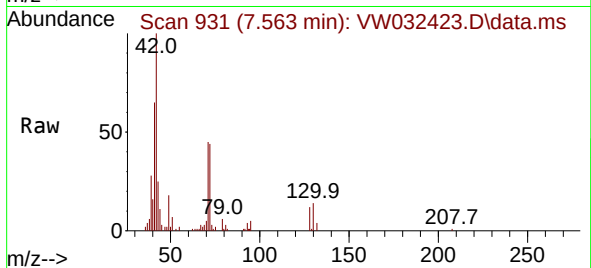
Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

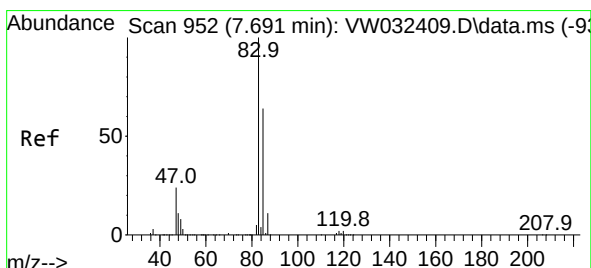
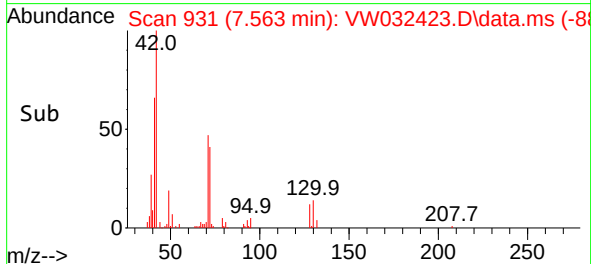
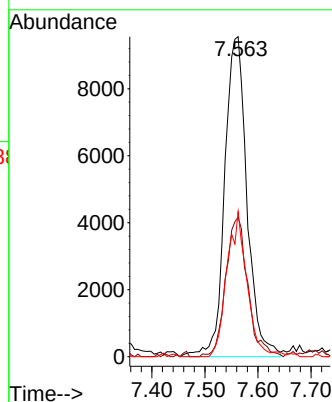
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	42	Resp:	27915
Ion Ratio	100	Lower	Upper
42	100		
72	43.0	33.6	50.4
71	40.2	31.4	47.0



#30

Chloroform

Concen: 4.485 ug/l

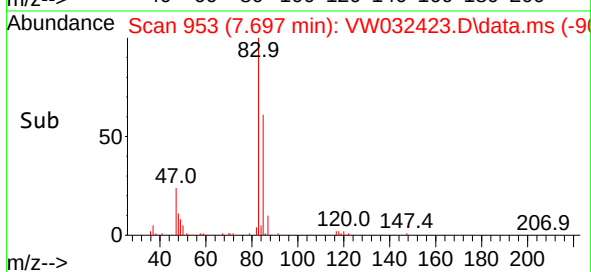
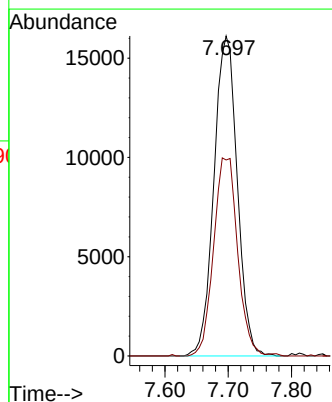
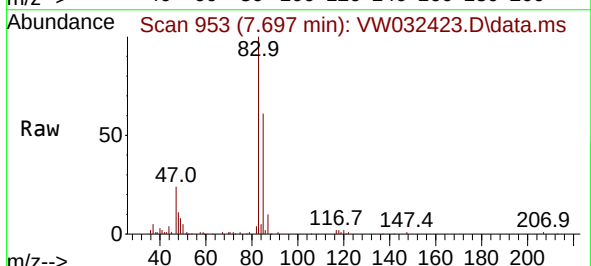
RT: 7.697 min Scan# 953

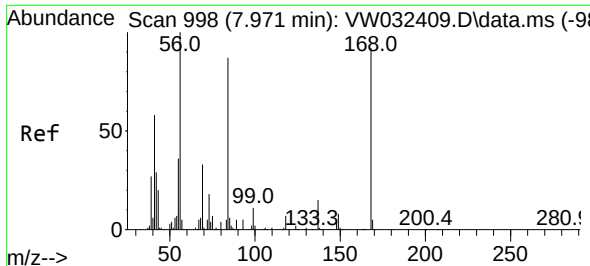
Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:	83	Resp:	41256
Ion Ratio	100	Lower	Upper
83	100		
85	61.2	51.0	76.4

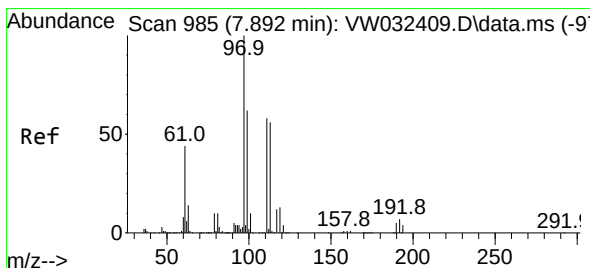
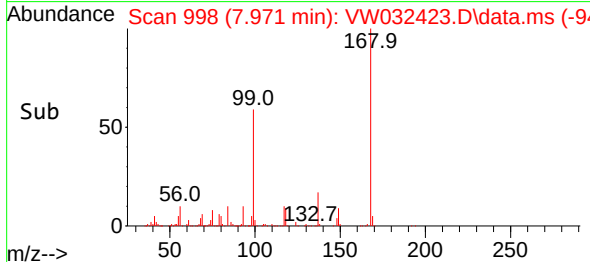
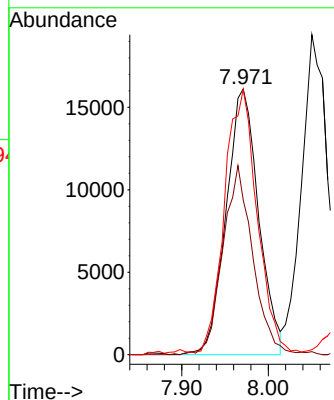
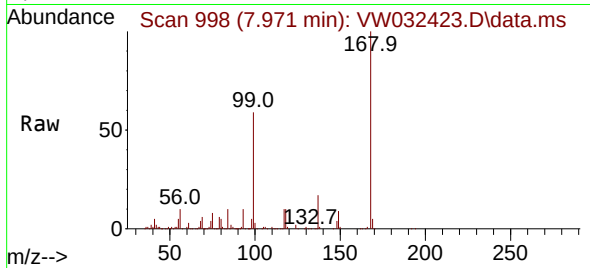




#31
Cyclohexane
Concen: 4.833 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

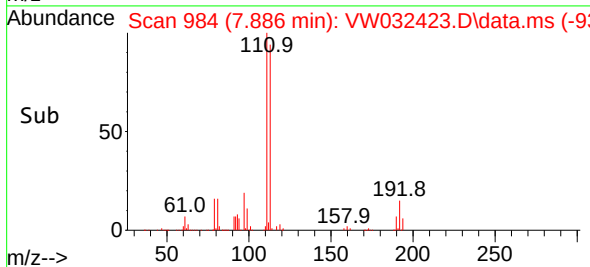
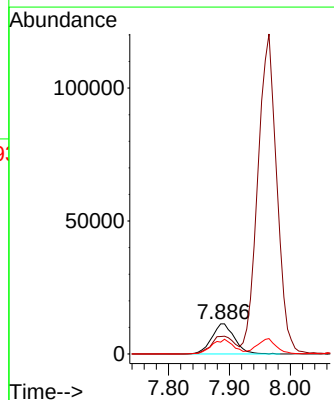
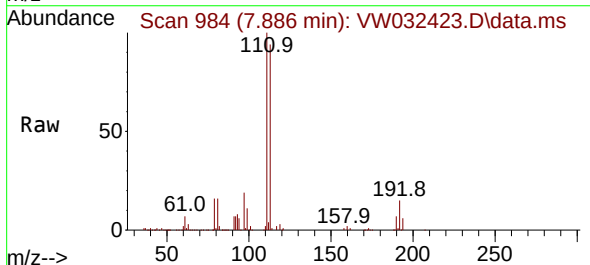
Instrument :
MSVOA_W
ClientSampleId :

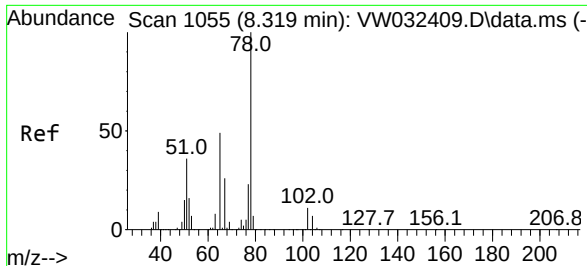
Tgt Ion: 56 Resp: 42014
Ion Ratio Lower Upper
56 100
69 58.1 26.5 39.7#
84 97.8 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 4.460 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 97 Resp: 29309
Ion Ratio Lower Upper
97 100
99 60.1 51.8 77.8
61 46.3 35.5 53.3

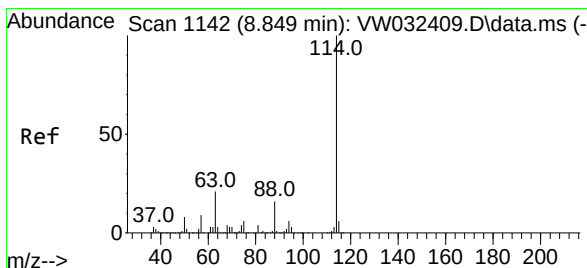
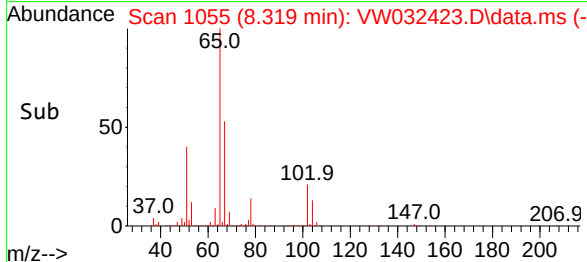
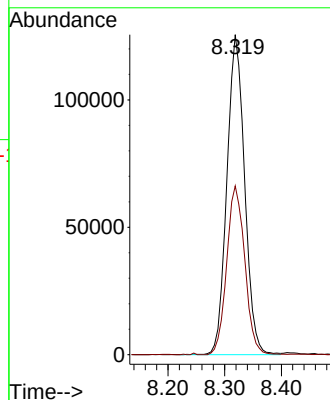
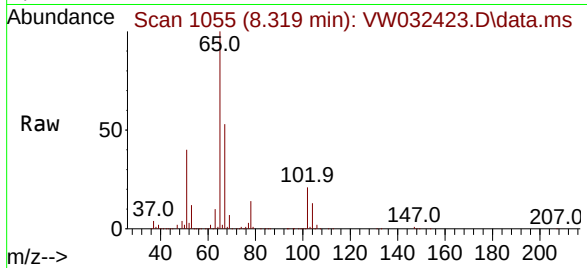




#33
 1,2-Dichloroethane-d4
 Concen: 51.822 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

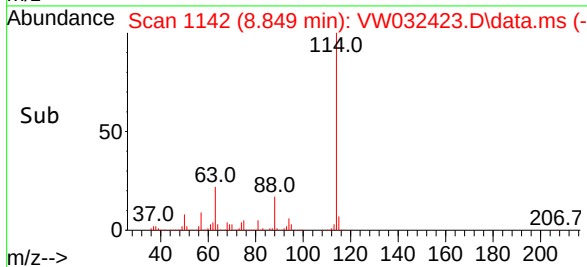
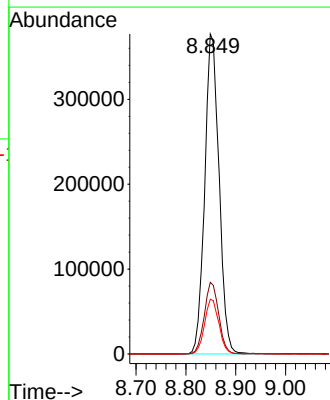
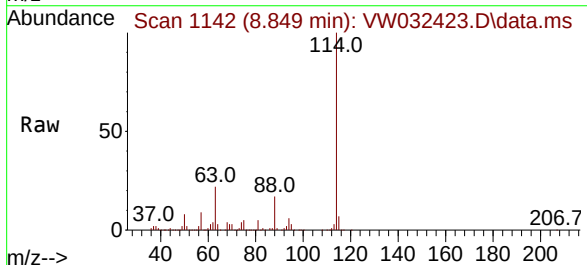
Instrument :
 MSVOA_W
 ClientSampleId :

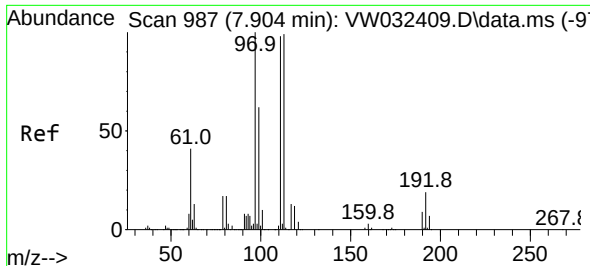
Tgt Ion: 65 Resp: 272295
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion: 114 Resp: 752467
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 41.8
 88 17.1 0.0 32.6

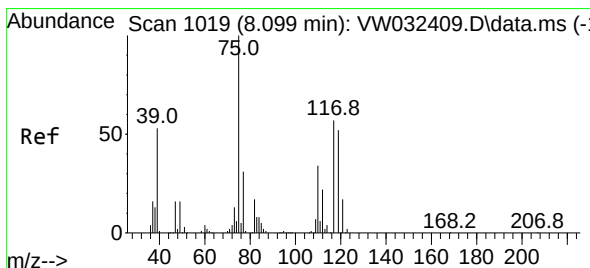
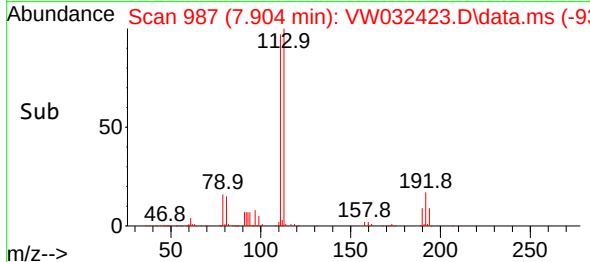
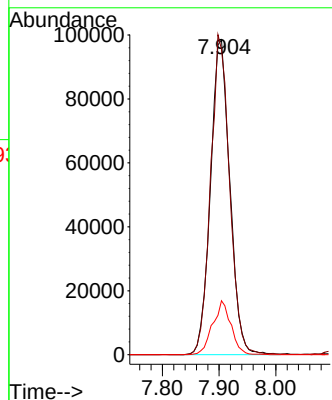
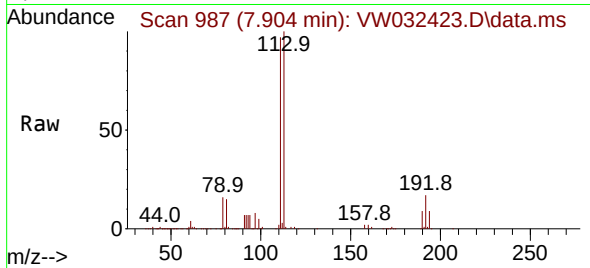




#35
 Dibromofluoromethane
 Concen: 51.915 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

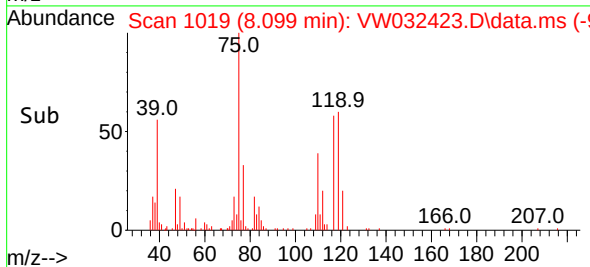
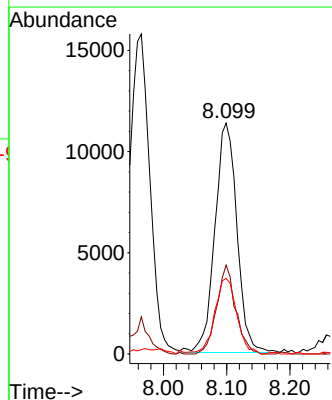
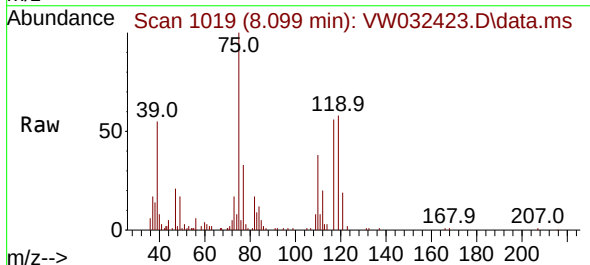
Instrument :
 MSVOA_W
 ClientSampleId :

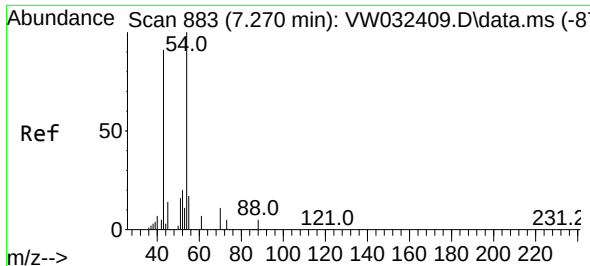
Tgt Ion:113 Resp: 233887
 Ion Ratio Lower Upper
 113 100
 111 99.6 83.1 124.7
 192 16.2 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 4.138 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion: 75 Resp: 27468
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.2 51.5
 77 32.6 24.5 36.7





#37

Ethyl Acetate

Concen: 4.094 ug/l

RT: 7.282 min Scan# 885

Delta R.T. 0.012 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

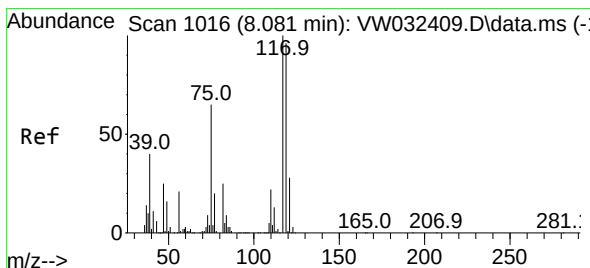
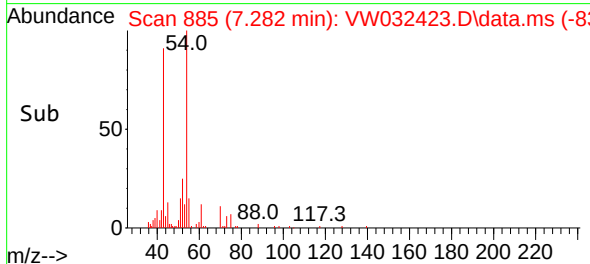
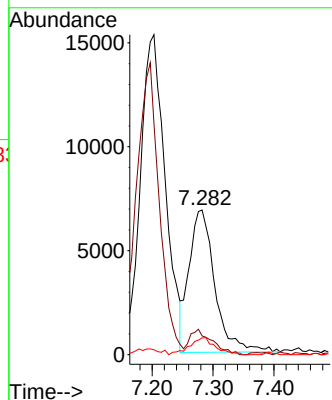
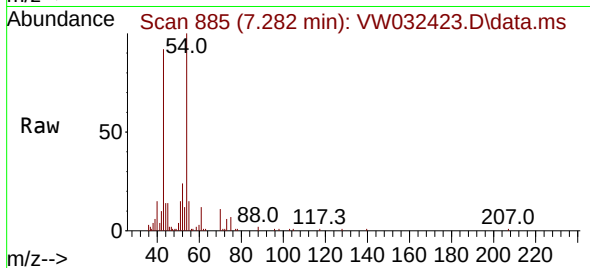
Tgt Ion: 43 Resp: 20210

Ion Ratio Lower Upper

43 100

61 15.3 11.0 16.6

70 11.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 4.220 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

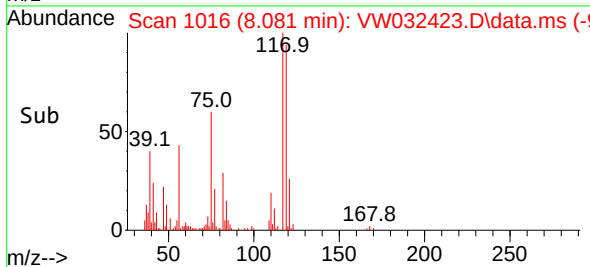
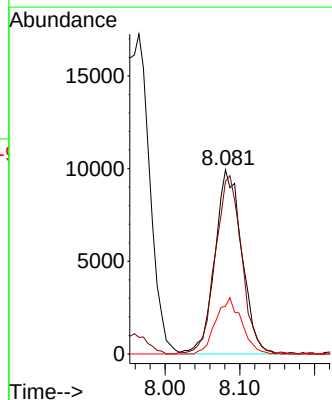
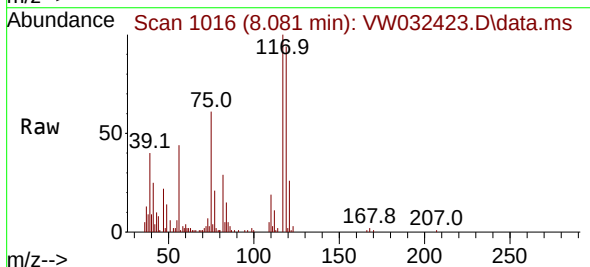
Tgt Ion: 117 Resp: 24889

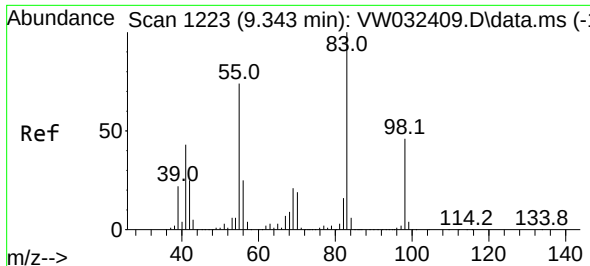
Ion Ratio Lower Upper

117 100

119 92.7 77.0 115.4

121 25.9 22.0 33.0

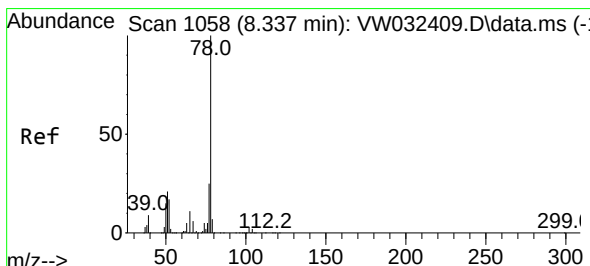
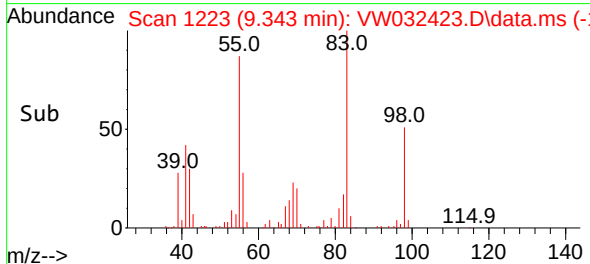
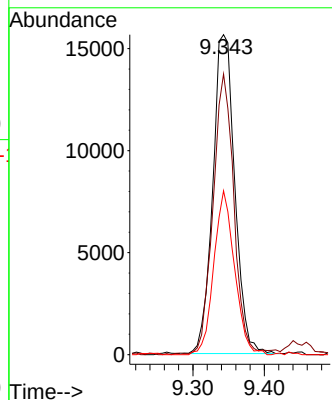
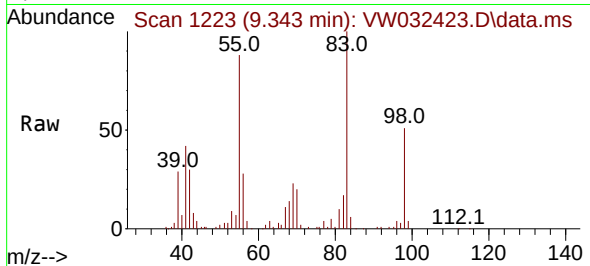




#39
Methylcyclohexane
Concen: 3.895 ug/l
RT: 9.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

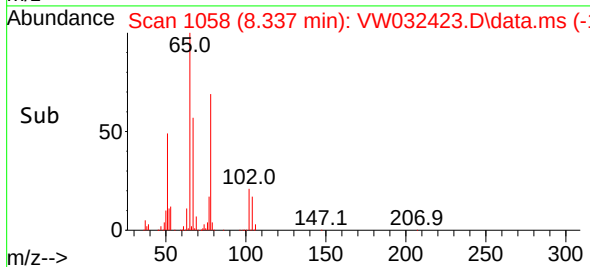
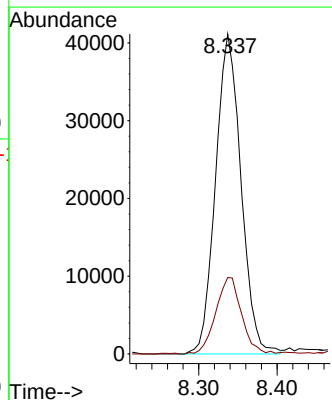
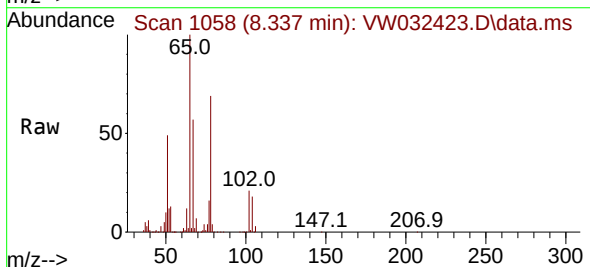
Instrument :
MSVOA_W
ClientSampleId :

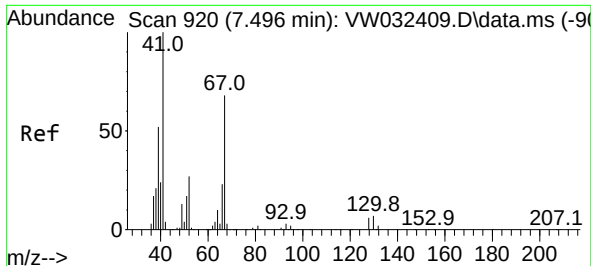
Tgt Ion: 83 Resp: 33498
Ion Ratio Lower Upper
83 100
55 87.5 59.2 88.8
98 51.4 36.6 54.8



#40
Benzene
Concen: 4.347 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

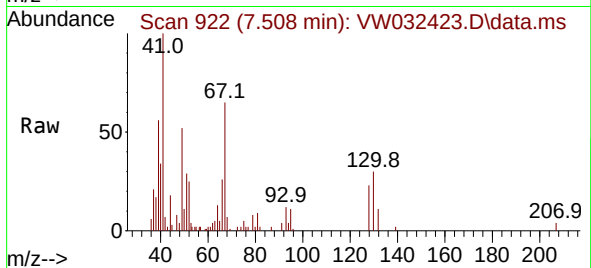
Tgt Ion: 78 Resp: 92930
Ion Ratio Lower Upper
78 100
77 23.9 19.6 29.4



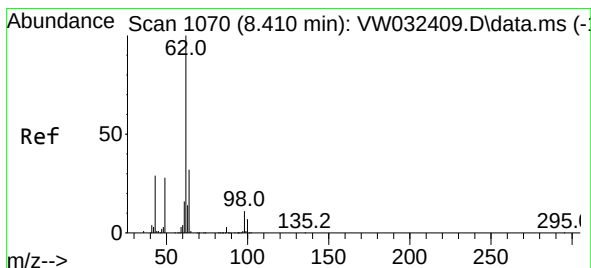
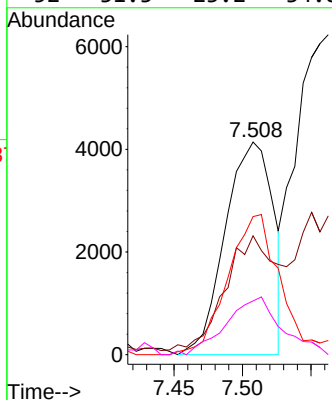
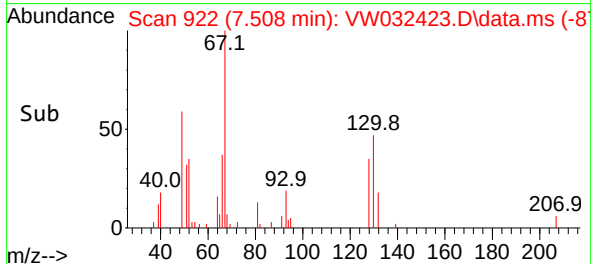


#41
Methacrylonitrile
Concen: 3.714 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

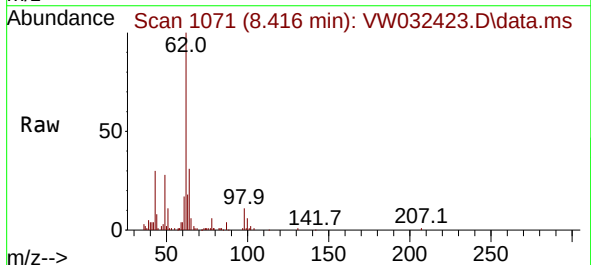
Instrument :
MSVOA_W
ClientSampleId :



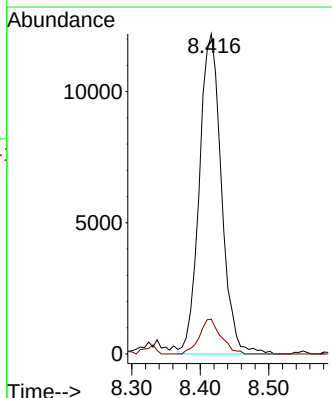
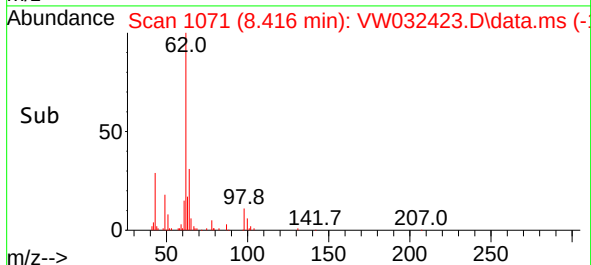
Tgt Ion:	41	Resp:	10071
Ion	Ratio	Lower	Upper
41	100		
39	60.8	44.6	66.8
67	74.9	57.6	86.4
52	31.3	23.2	34.8

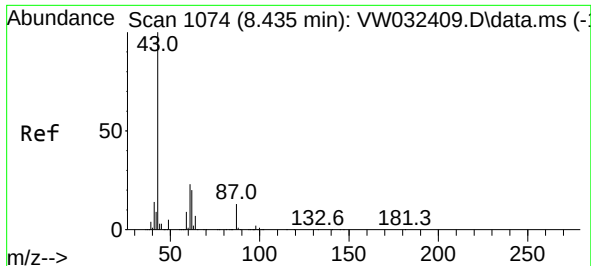


#42
1,2-Dichloroethane
Concen: 4.364 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



Tgt Ion:	62	Resp:	27400
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2

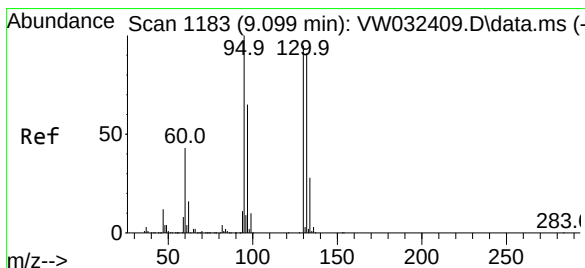
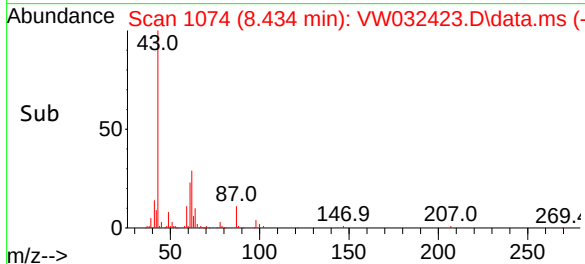
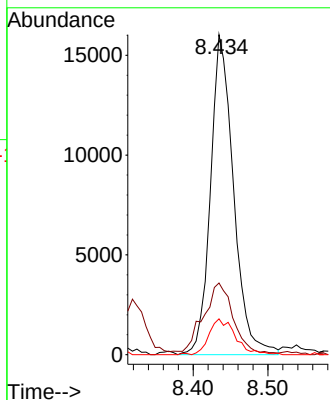
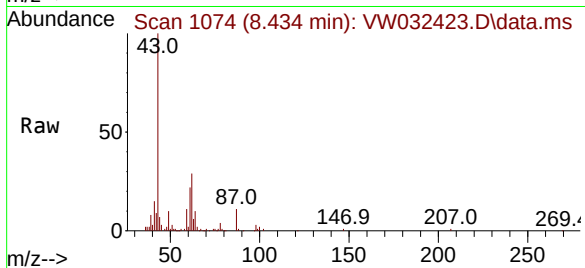




#43
Isopropyl Acetate
Concen: 3.945 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

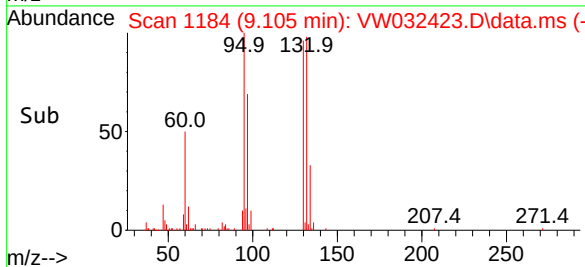
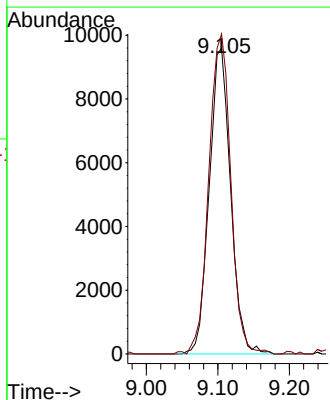
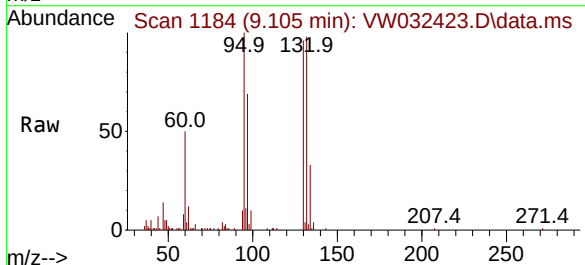
Instrument :
MSVOA_W
ClientSampleId :

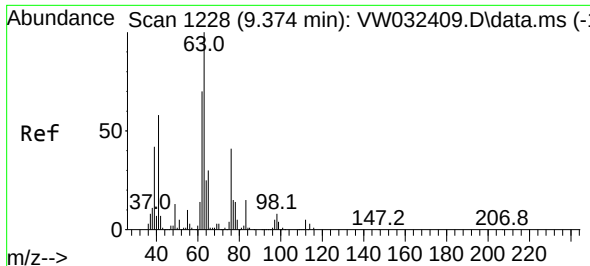
Tgt Ion: 43 Resp: 34477
Ion Ratio Lower Upper
43 100
61 29.5 22.6 33.8
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 4.008 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:130 Resp: 19938
Ion Ratio Lower Upper
130 100
95 104.6 0.0 209.6





#45

1,2-Dichloropropane

Concen: 4.252 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

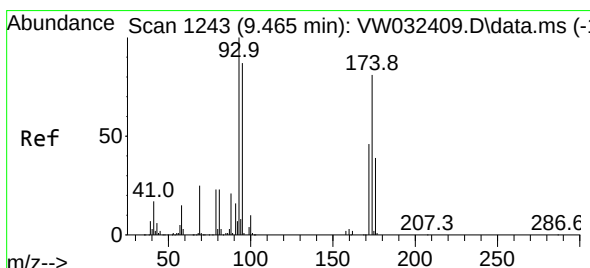
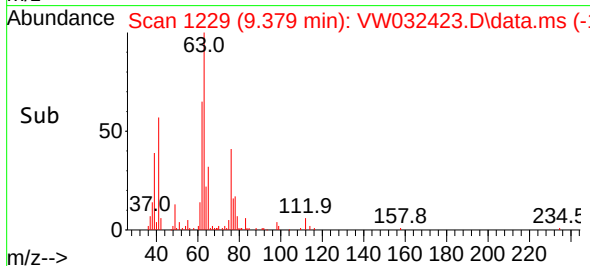
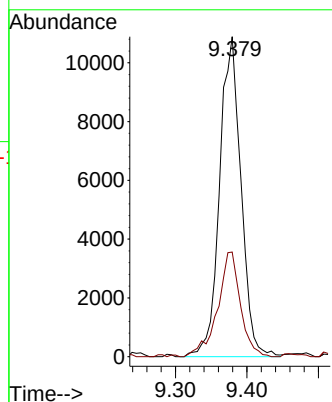
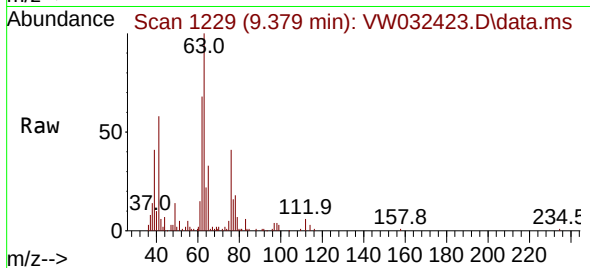
ClientSampleId :

Tgt Ion: 63 Resp: 22632

Ion Ratio Lower Upper

63 100

65 32.7 24.4 36.6



#46

Dibromomethane

Concen: 4.098 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

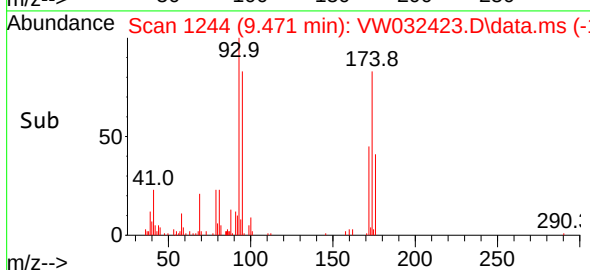
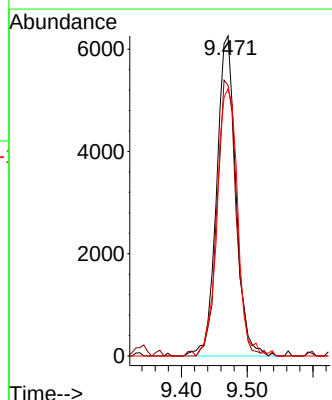
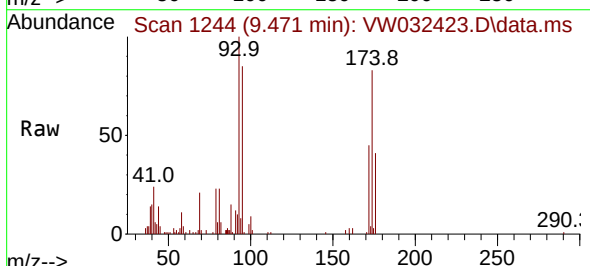
Tgt Ion: 93 Resp: 12747

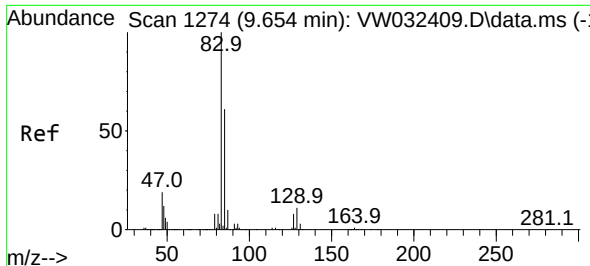
Ion Ratio Lower Upper

93 100

95 86.5 67.1 100.7

174 89.2 68.2 102.4

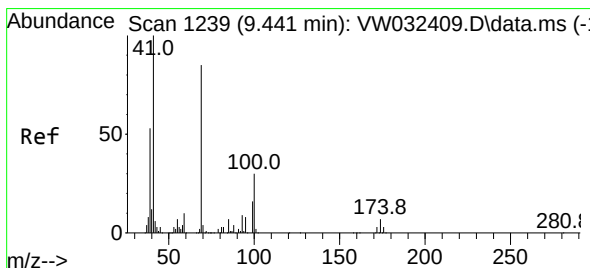
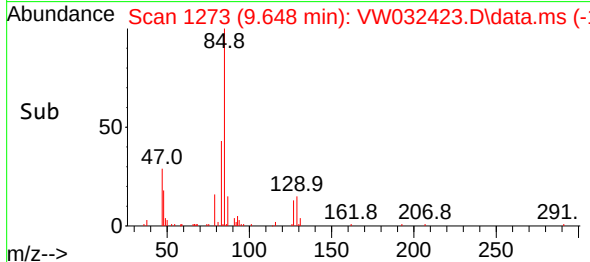
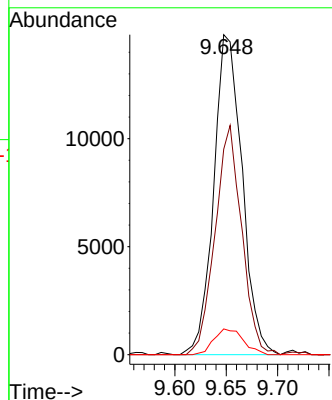
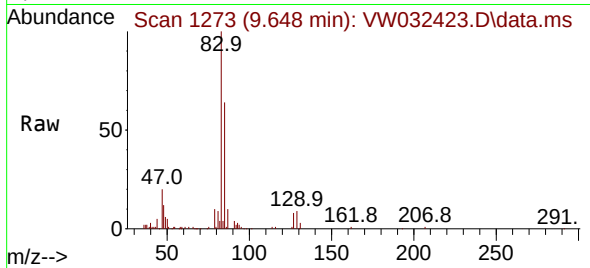




#47
Bromodichloromethane
Concen: 4.006 ug/l
RT: 9.648 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

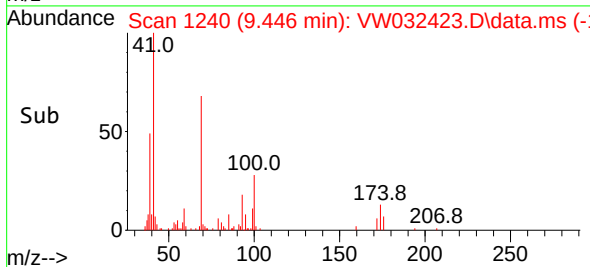
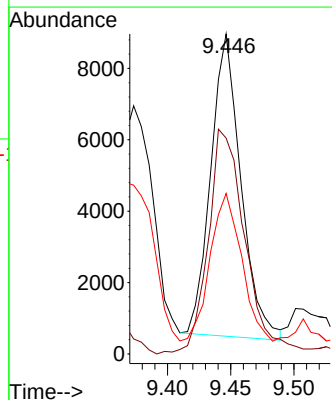
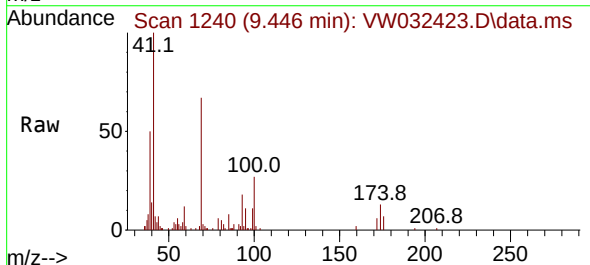
Instrument :
MSVOA_W
ClientSampleId :

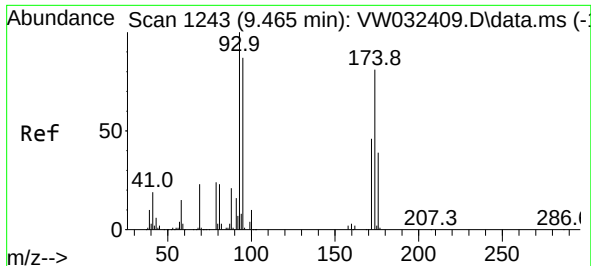
Tgt Ion: 83 Resp: 28421
Ion Ratio Lower Upper
83 100
85 64.2 48.7 73.1
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 3.375 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

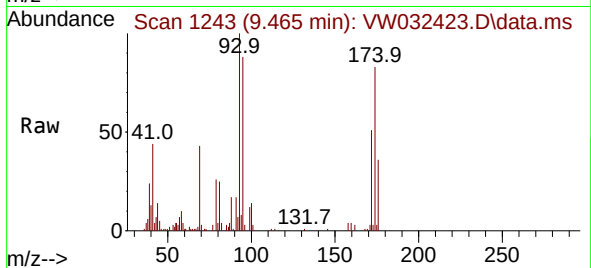
Tgt Ion: 41 Resp: 14019
Ion Ratio Lower Upper
41 100
69 91.2 65.8 98.6
39 52.1 38.6 57.8



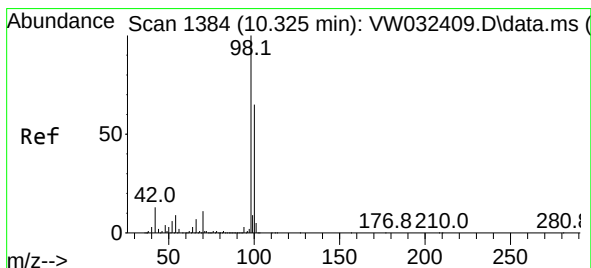
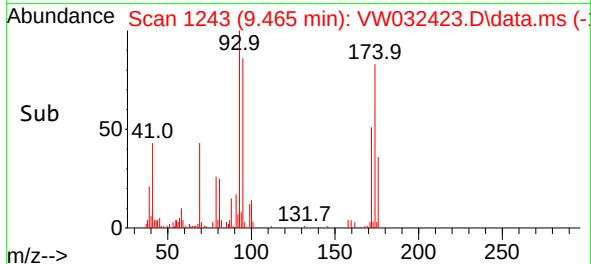
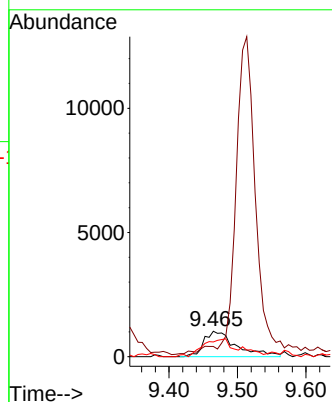


#49
1,4-Dioxane
Concen: 77.638 ug/l
RT: 9.465 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :

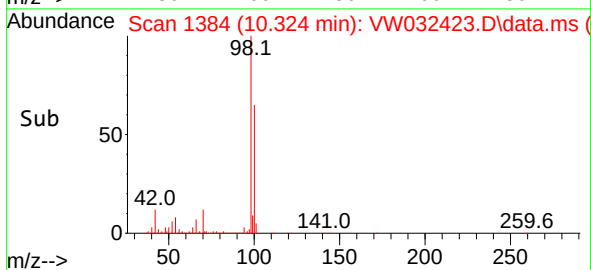
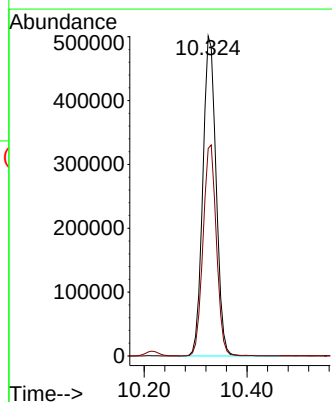
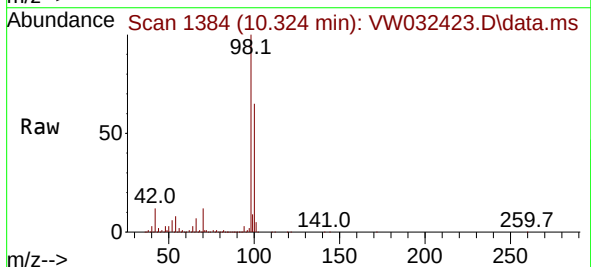


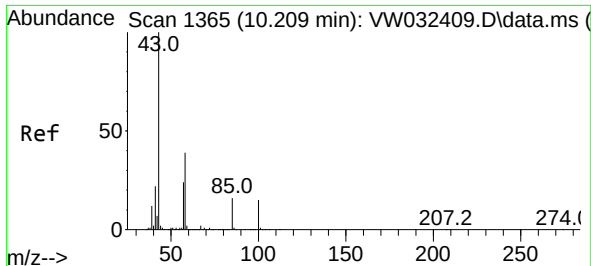
Tgt Ion: 88 Resp: 3383
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 61.4 63.0 94.4#



#50
Toluene-d8
Concen: 51.918 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 98 Resp: 897315
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9

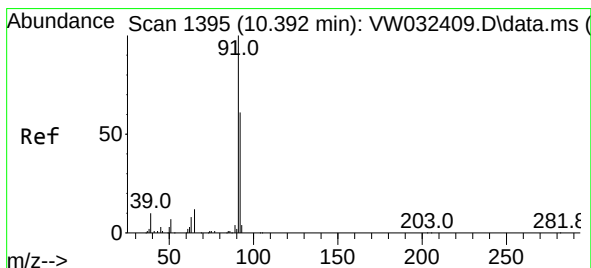
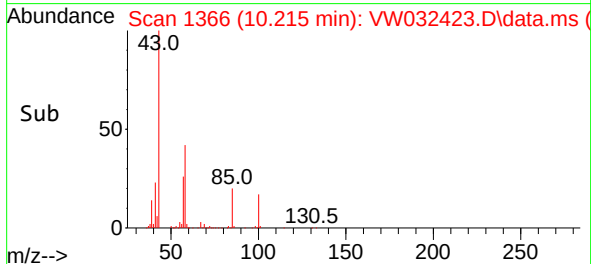
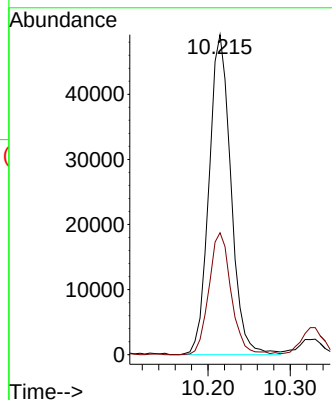
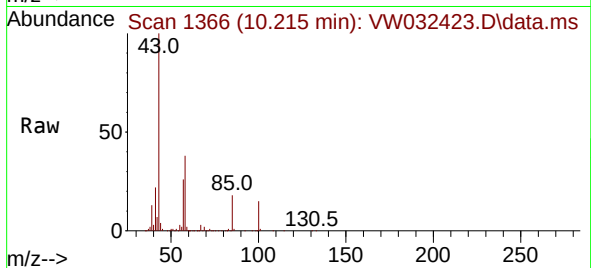




#51
4-Methyl-2-Pentanone
Concen: 18.870 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

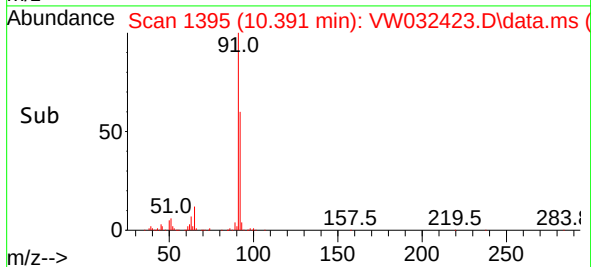
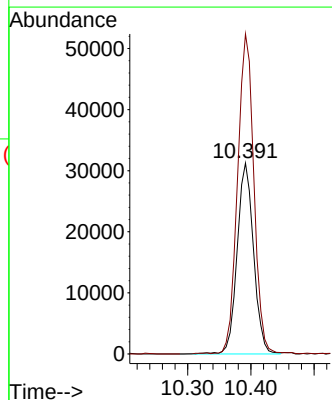
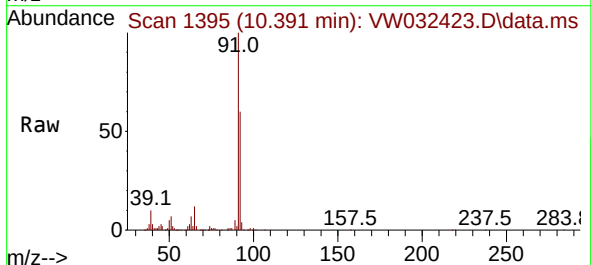
Instrument :
MSVOA_W
ClientSampleId :

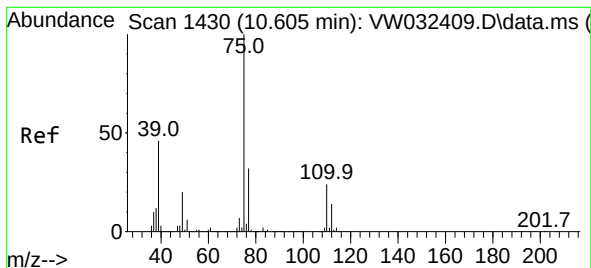
Tgt Ion: 43 Resp: 91175
Ion Ratio Lower Upper
43 100
58 38.7 31.4 47.2



#52
Toluene
Concen: 4.272 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 92 Resp: 56405
Ion Ratio Lower Upper
92 100
91 166.4 136.6 205.0

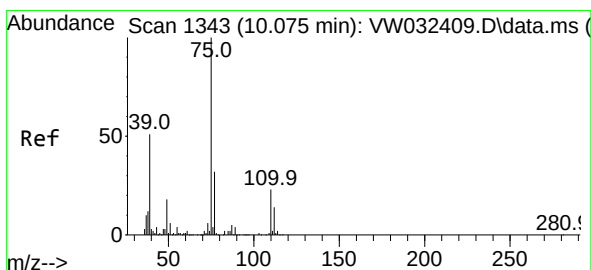
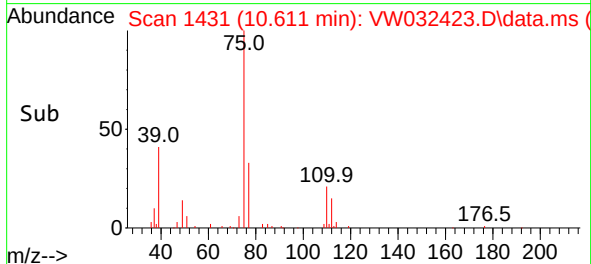
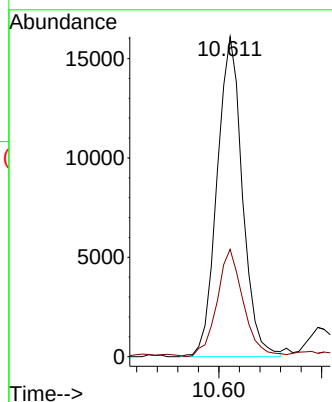
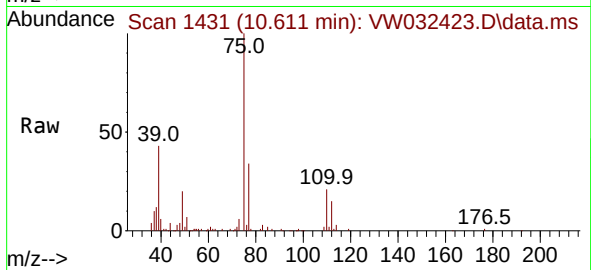




#53
 t-1,3-Dichloropropene
 Concen: 3.773 ug/l
 RT: 10.611 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

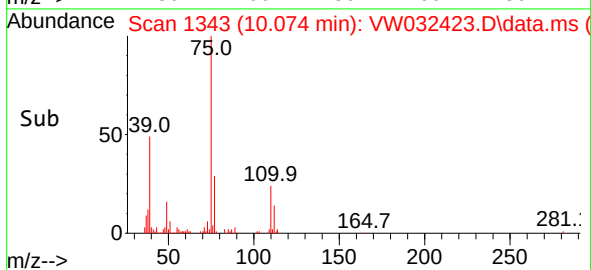
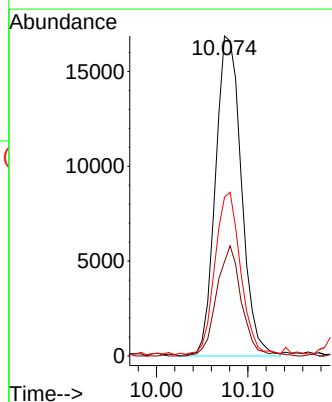
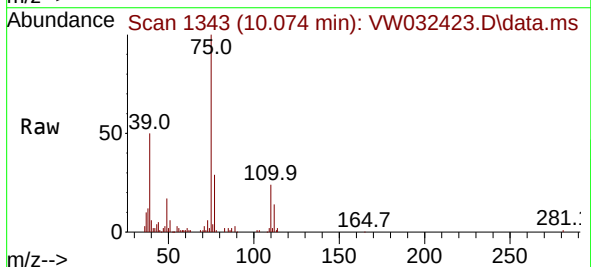
Instrument :
 MSVOA_W
 ClientSampleId :

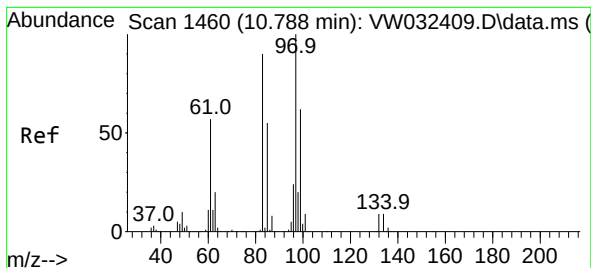
Tgt Ion: 75 Resp: 27574
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 3.934 ug/l
 RT: 10.074 min Scan# 1343
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

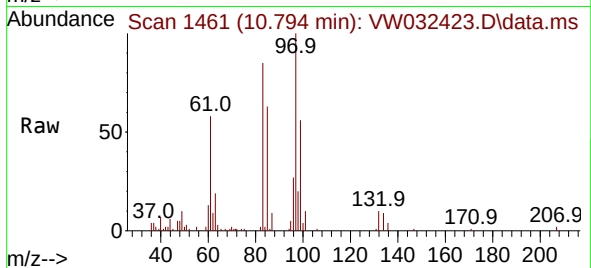
Tgt Ion: 75 Resp: 33247
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.6 38.4
 39 49.1 40.7 61.1



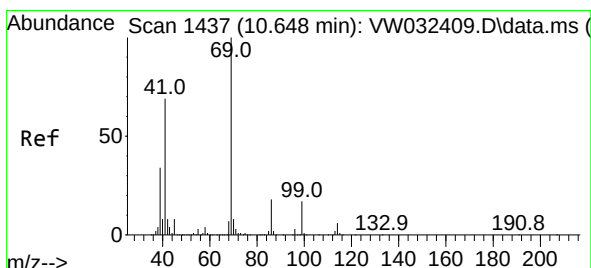
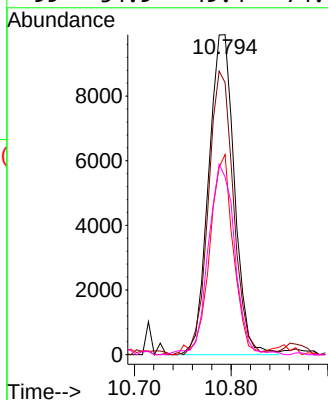
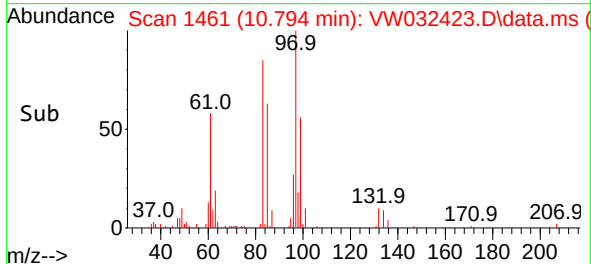


#55
1,1,2-Trichloroethane
Concen: 4.313 ug/l
RT: 10.794 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

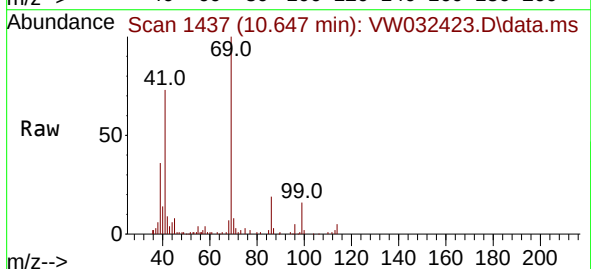
Instrument :
MSVOA_W
ClientSampleId :



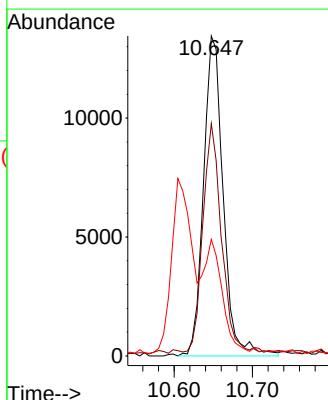
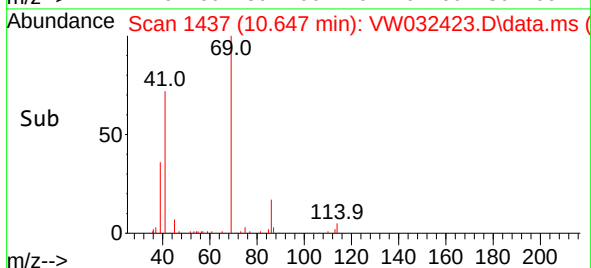
Tgt Ion:	97	Resp:	18403
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.2	108.4
85	62.5	43.8	65.8
99	54.9	49.4	74.0

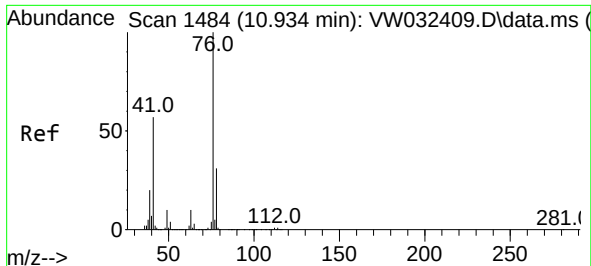


#56
Ethyl methacrylate
Concen: 3.580 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28



Tgt Ion:	69	Resp:	23438
Ion	Ratio	Lower	Upper
69	100		
41	66.5	54.4	81.6
39	29.0	25.4	38.0

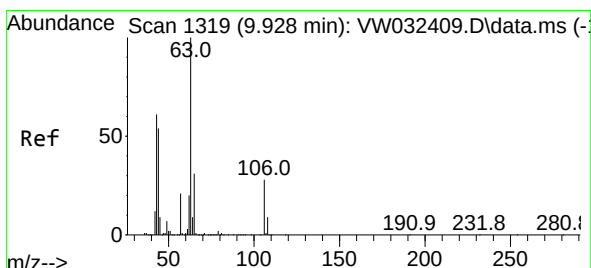
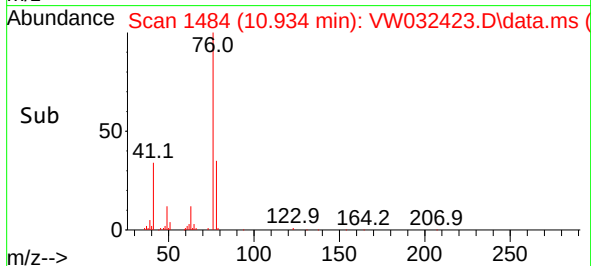
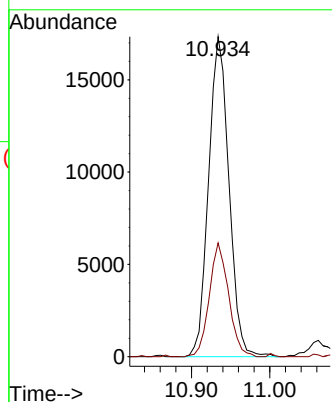
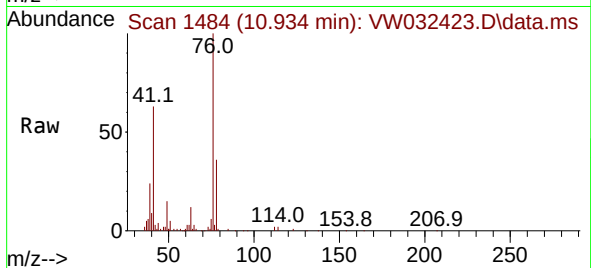




#57
1,3-Dichloropropane
Concen: 4.109 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

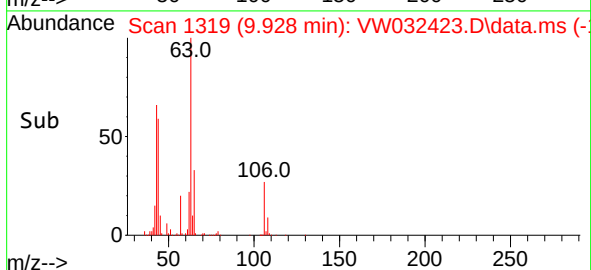
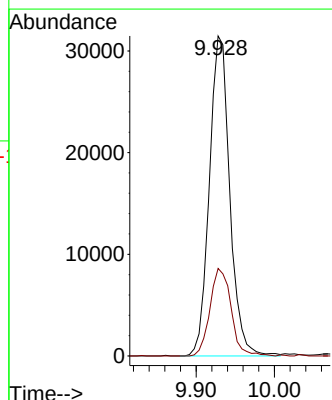
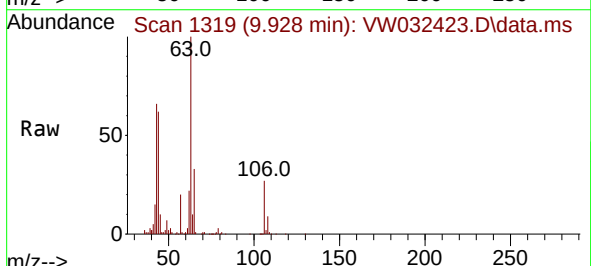
Instrument :
MSVOA_W
ClientSampleId :

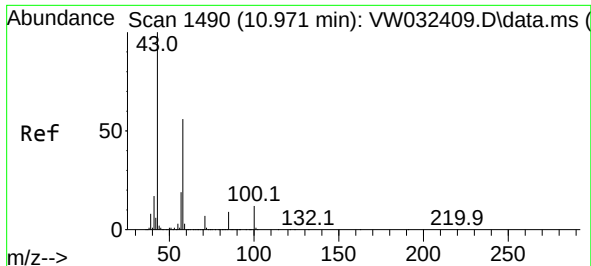
Tgt Ion: 76 Resp: 31313
Ion Ratio Lower Upper
76 100
78 33.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 16.346 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 63 Resp: 56992
Ion Ratio Lower Upper
63 100
106 28.2 22.0 33.0

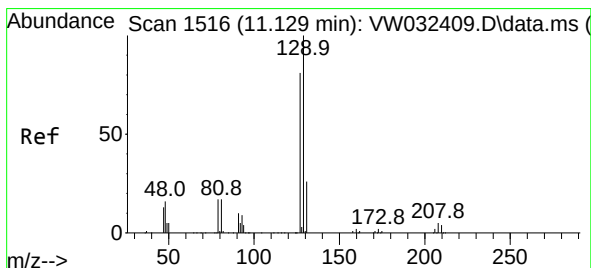
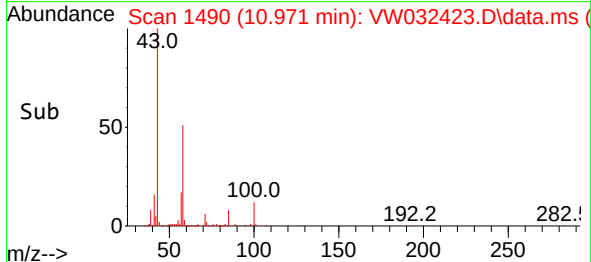
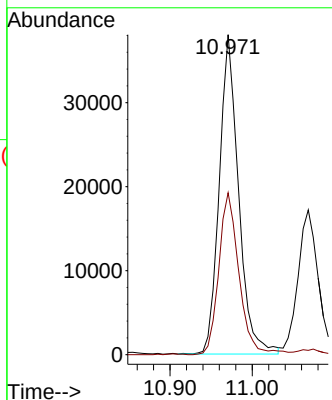
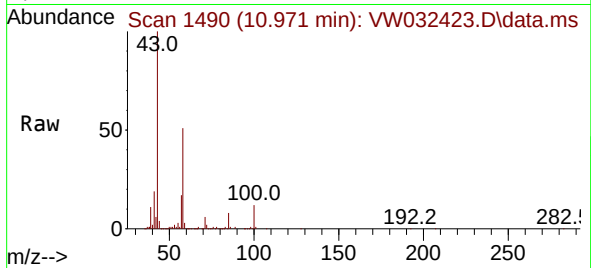




#59
2-Hexanone
Concen: 17.593 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

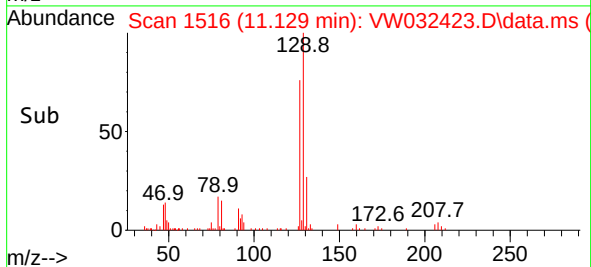
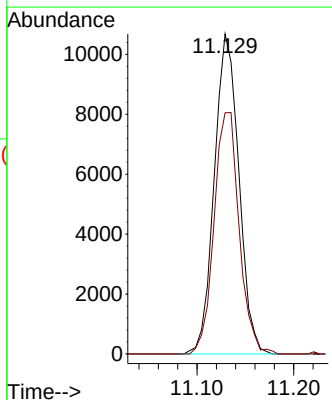
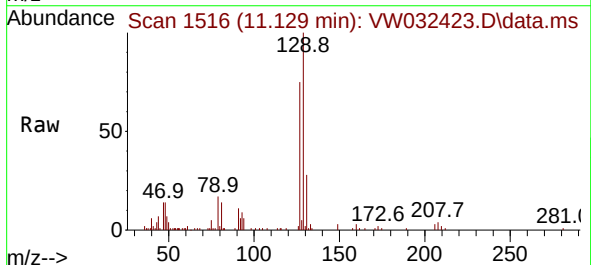
Instrument :
MSVOA_W
ClientSampleId :

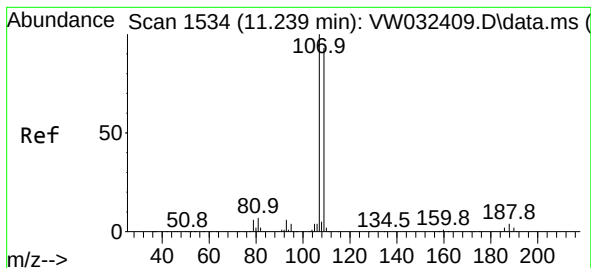
Tgt Ion: 43 Resp: 62192
Ion Ratio Lower Upper
43 100
58 53.0 27.4 82.2



#60
Dibromochloromethane
Concen: 3.946 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion:129 Resp: 18804
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

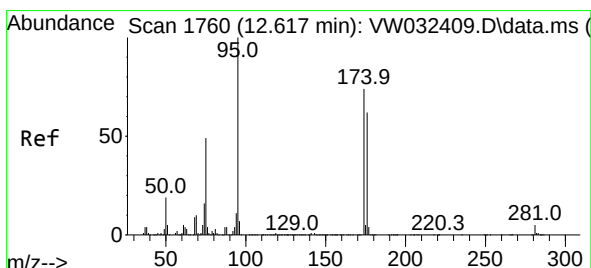
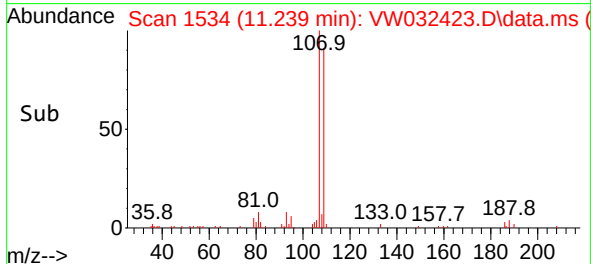
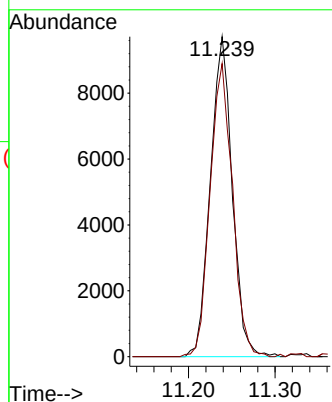
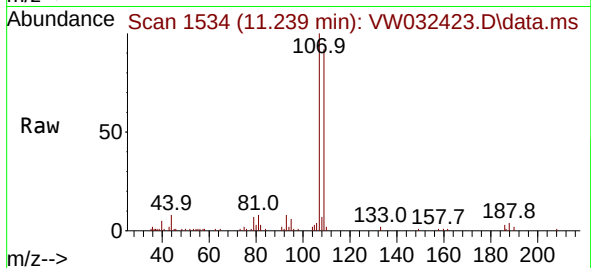




#61
1,2-Dibromoethane
Concen: 4.109 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

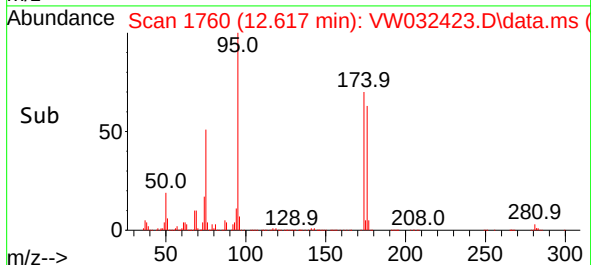
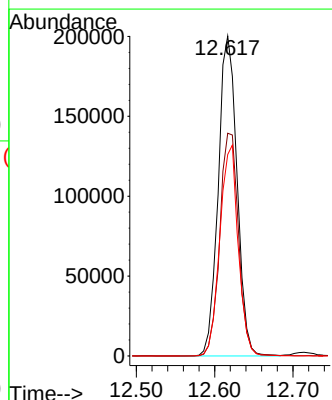
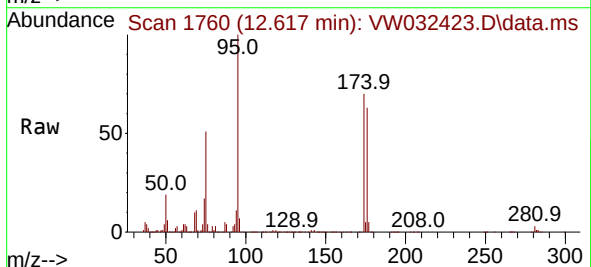
Instrument :
MSVOA_W
ClientSampleId :

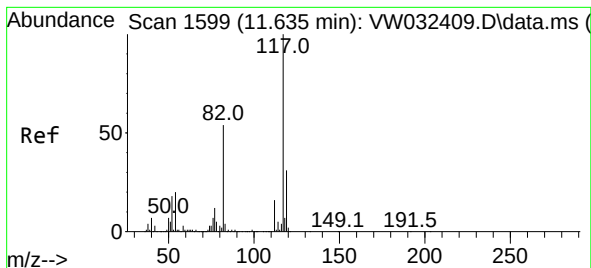
Tgt Ion:107 Resp: 17078
Ion Ratio Lower Upper
107 100
109 93.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.199 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 95 Resp: 334279
Ion Ratio Lower Upper
95 100
174 69.5 0.0 135.4
176 64.7 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: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

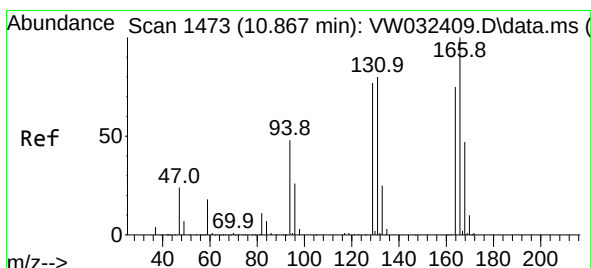
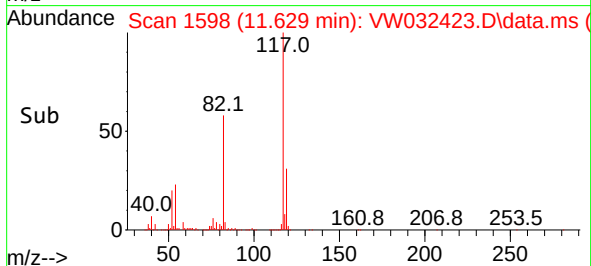
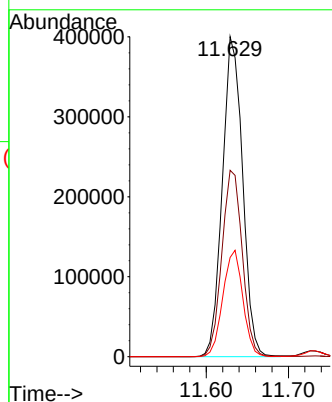
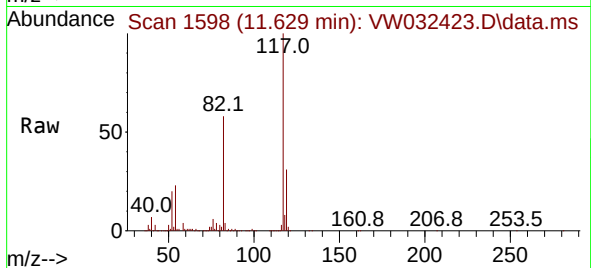
Tgt Ion:117 Resp: 683543

Ion Ratio Lower Upper

117 100

82 58.2 43.0 64.4

119 31.0 25.0 37.6



#64

Tetrachloroethene

Concen: 4.428 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:164 Resp: 17925

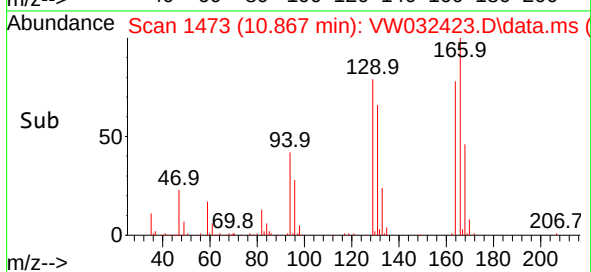
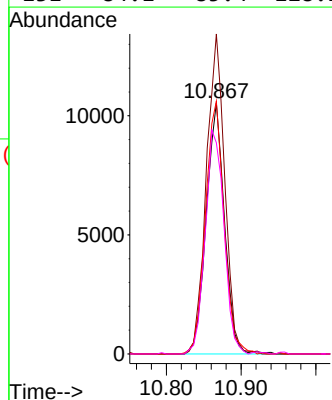
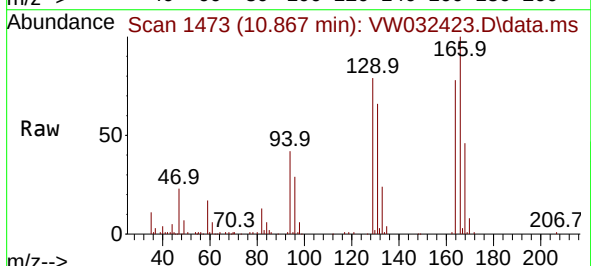
Ion Ratio Lower Upper

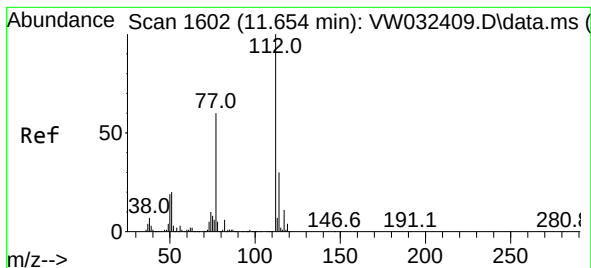
164 100

166 127.4 107.0 160.4

129 100.7 82.9 124.3

131 84.1 85.4 128.2#





#65

Chlorobenzene

Concen: 4.134 ug/l

RT: 11.659 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

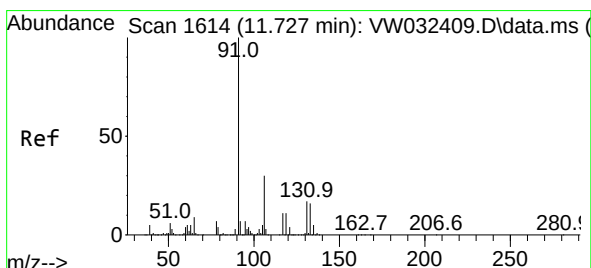
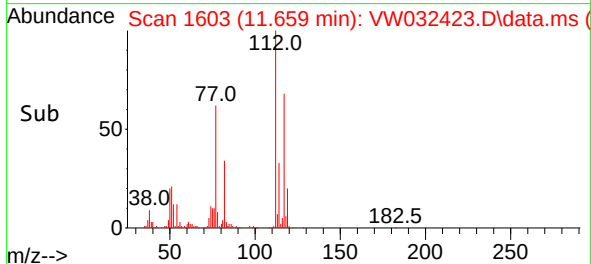
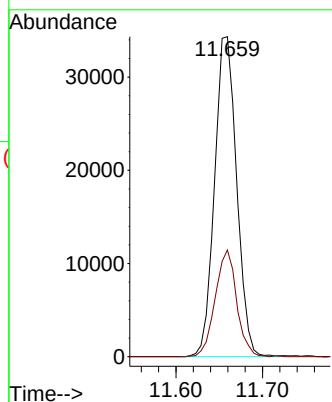
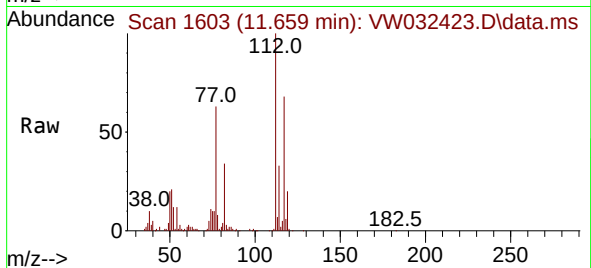
ClientSampleId :

Tgt Ion:112 Resp: 60909

Ion Ratio Lower Upper

112 100

114 33.4 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 3.934 ug/l

RT: 11.726 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

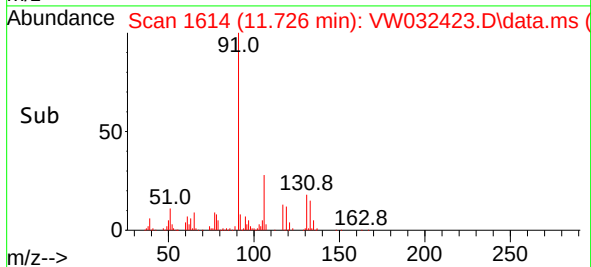
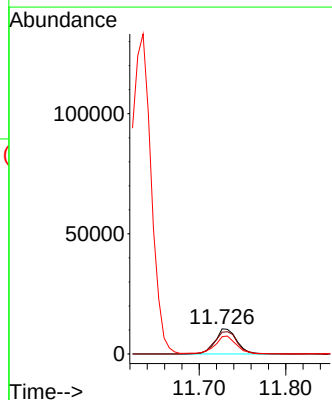
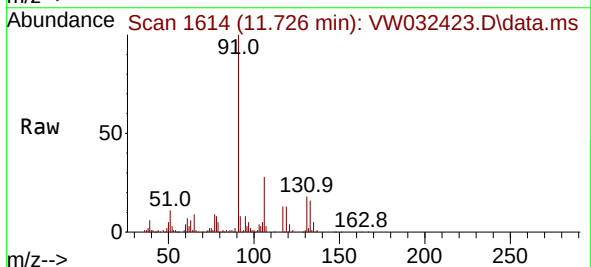
Tgt Ion:131 Resp: 17936

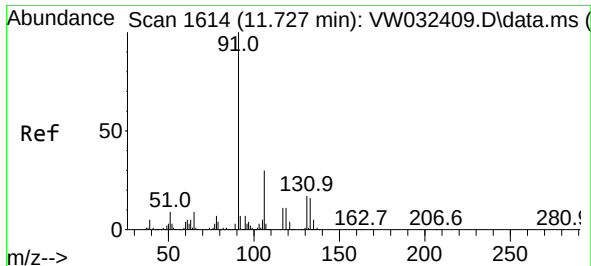
Ion Ratio Lower Upper

131 100

133 95.4 46.9 140.6

119 72.8 33.4 100.2





#67

Ethyl Benzene

Concen: 3.942 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

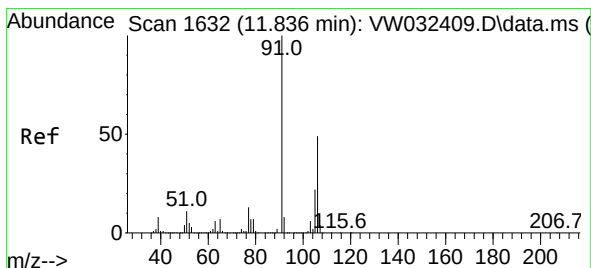
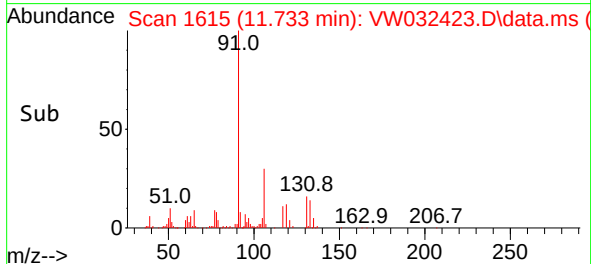
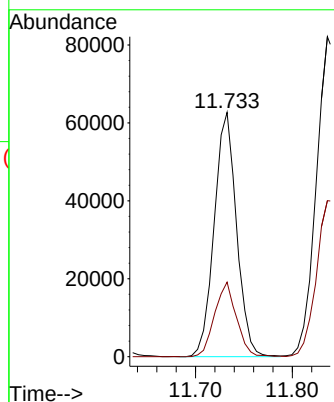
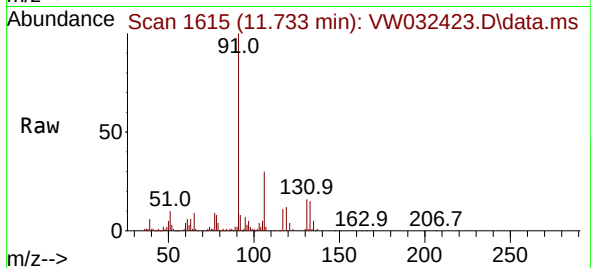
ClientSampleId :

Tgt Ion: 91 Resp: 100486

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.2



#68

m/p-Xylenes

Concen: 7.983 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032423.D

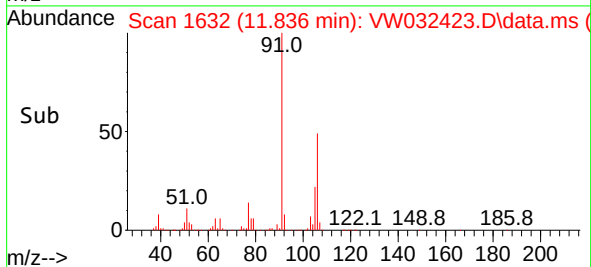
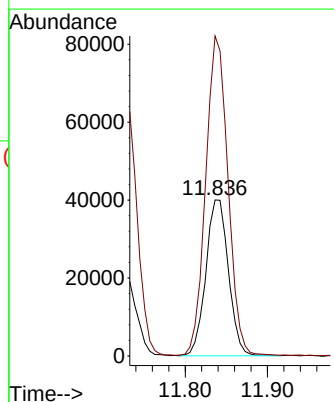
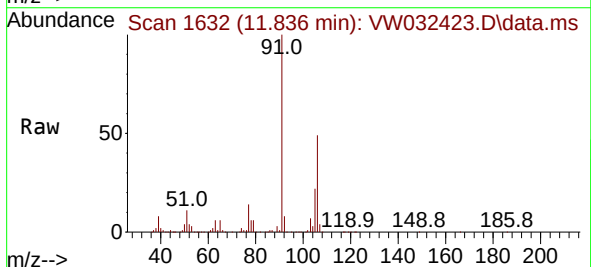
Acq: 11 Nov 2025 12:28

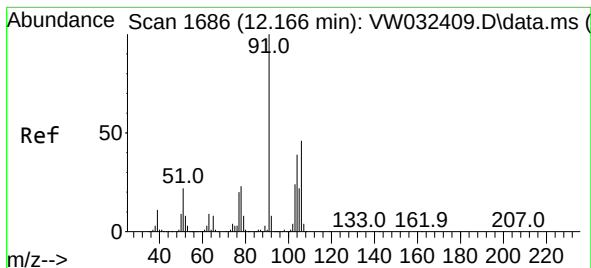
Tgt Ion:106 Resp: 76406

Ion Ratio Lower Upper

106 100

91 202.4 165.5 248.3





#69

o-Xylene

Concen: 3.856 ug/l

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

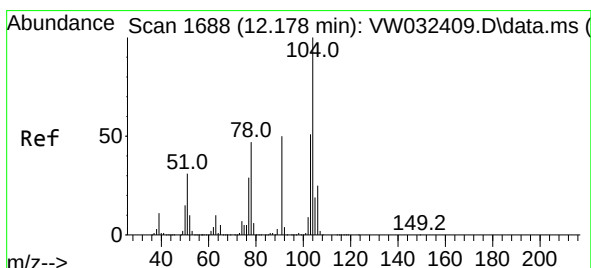
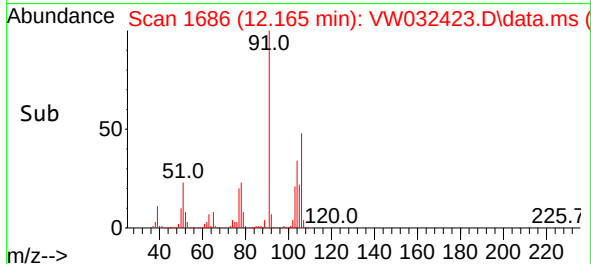
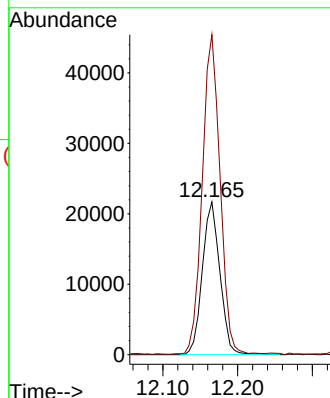
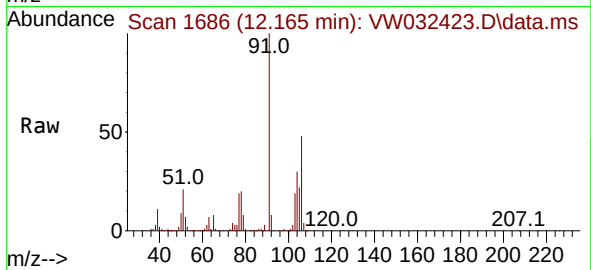
ClientSampleId :

Tgt Ion:106 Resp: 35342

Ion Ratio Lower Upper

106 100

91 212.1 109.3 327.8



#70

Styrene

Concen: 3.753 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

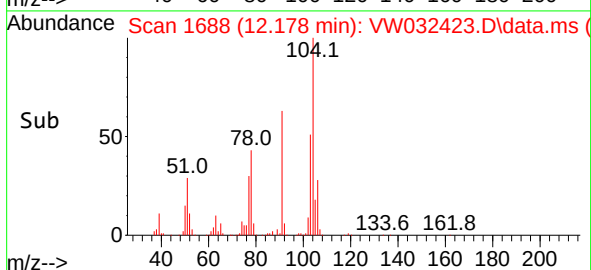
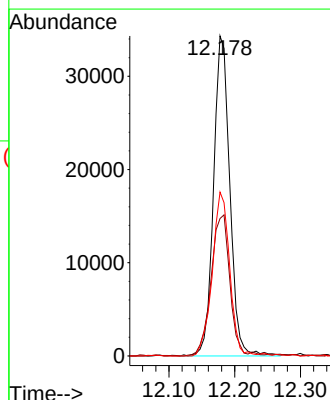
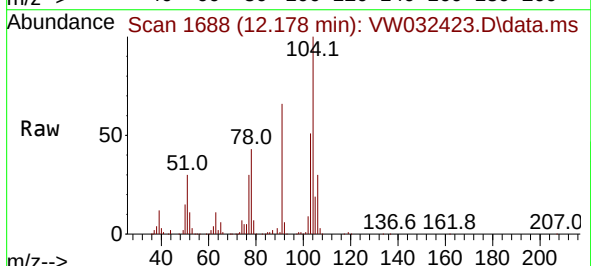
Tgt Ion:104 Resp: 59170

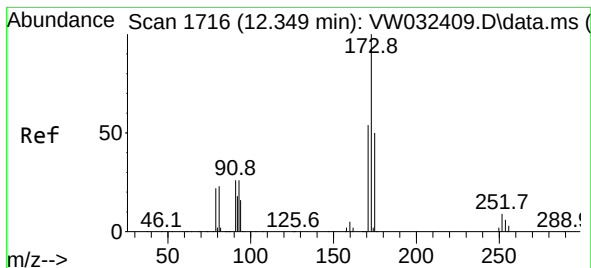
Ion Ratio Lower Upper

104 100

78 50.6 40.7 61.1

103 54.4 43.9 65.9





#71

Bromoform

Concen: 3.697 ug/l

RT: 12.348 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

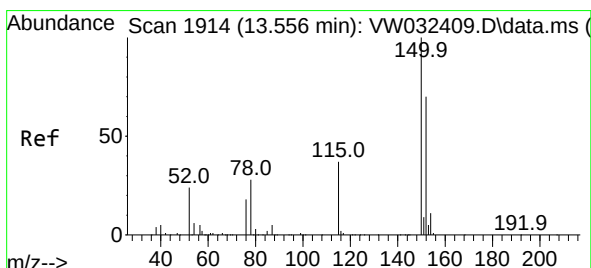
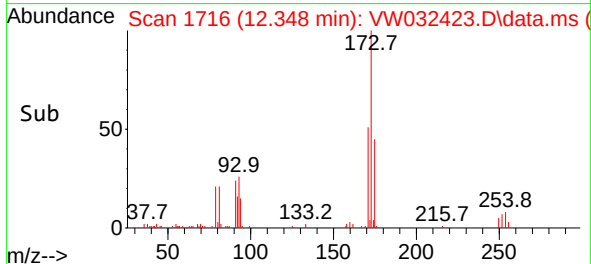
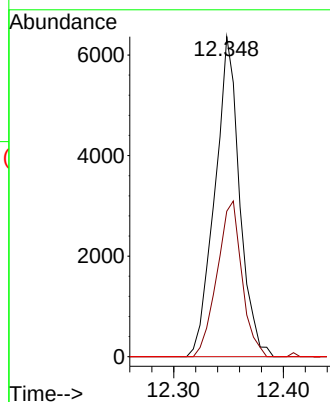
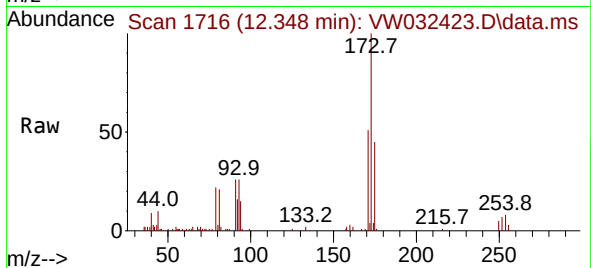
Tgt Ion:173 Resp: 9985

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

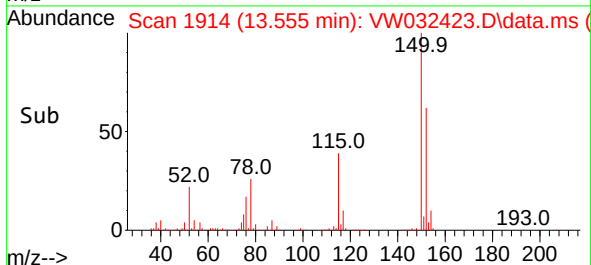
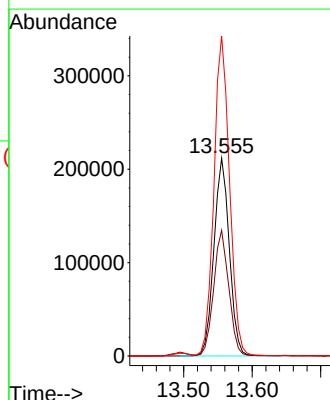
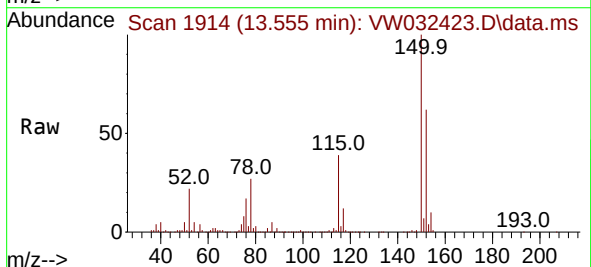
Tgt Ion:152 Resp: 329831

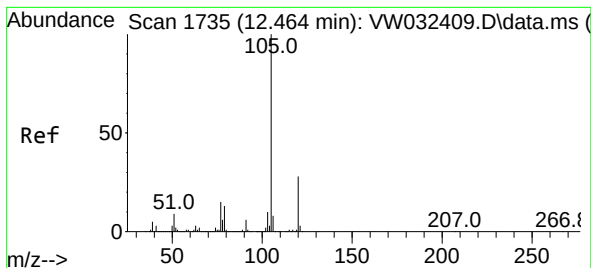
Ion Ratio Lower Upper

152 100

115 62.3 32.8 98.3

150 162.9 0.0 356.6





#73

Isopropylbenzene

Concen: 3.539 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

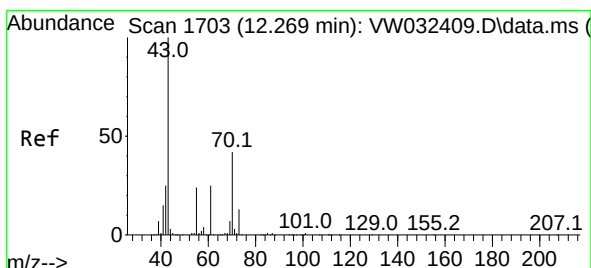
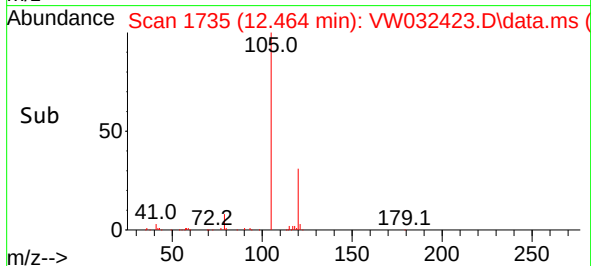
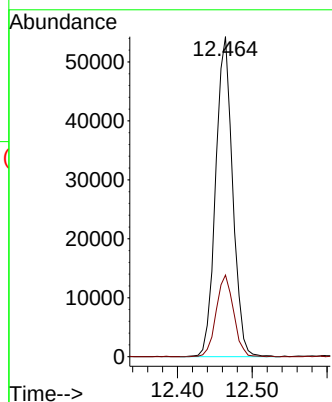
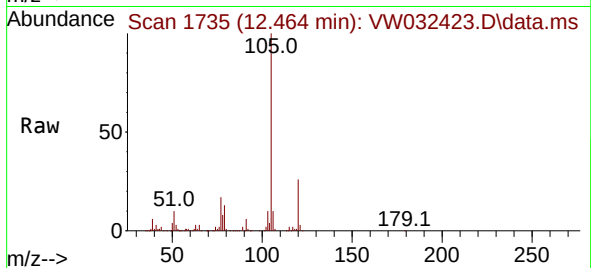
ClientSampleId :

Tgt Ion:105 Resp: 85723

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 3.303 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion: 43 Resp: 27801

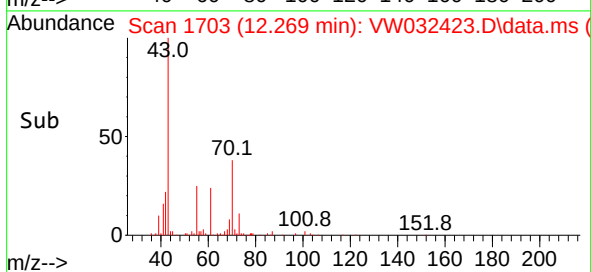
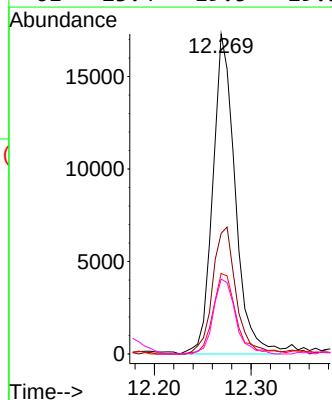
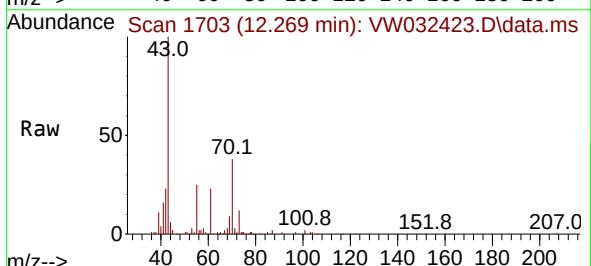
Ion Ratio Lower Upper

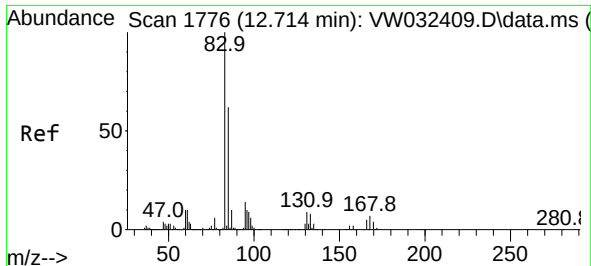
43 100

70 41.7 33.5 50.3

55 25.5 19.3 28.9

61 23.4 19.5 29.3

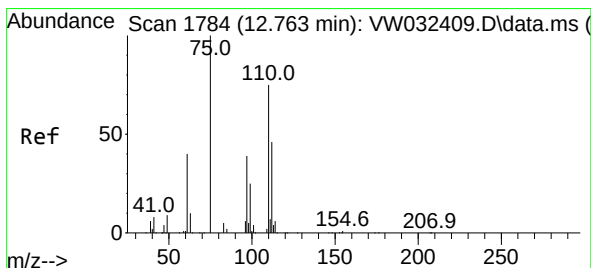
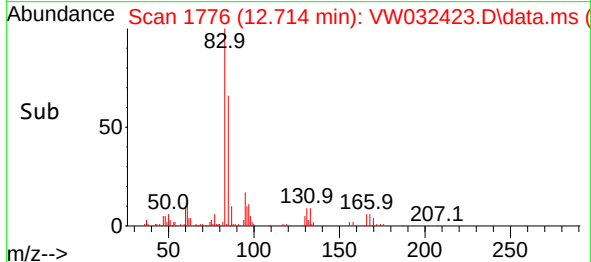
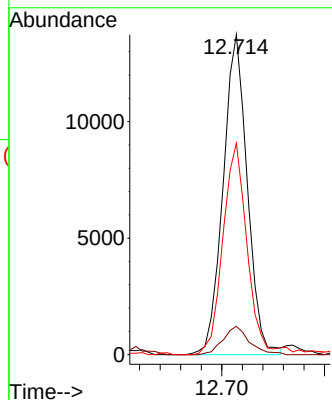
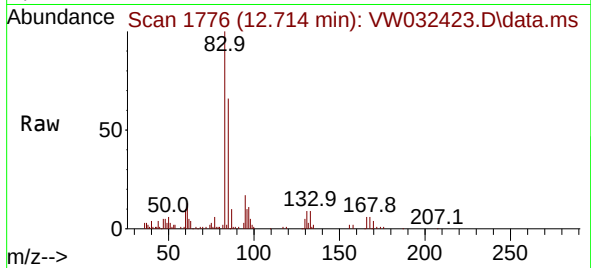




#75
1,1,2,2-Tetrachloroethane
Concen: 3.904 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

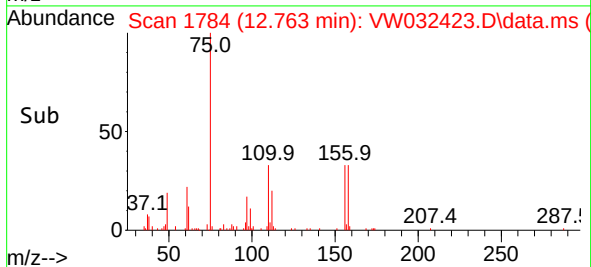
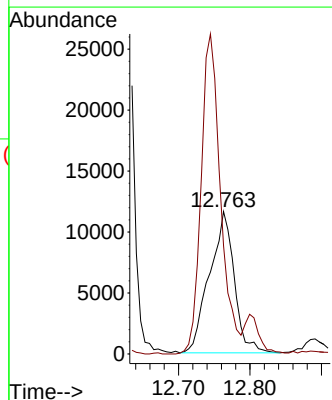
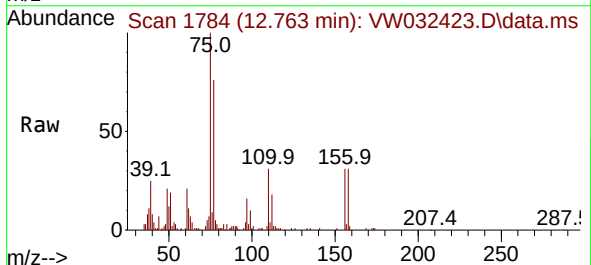
Instrument :
MSVOA_W
ClientSampleId :

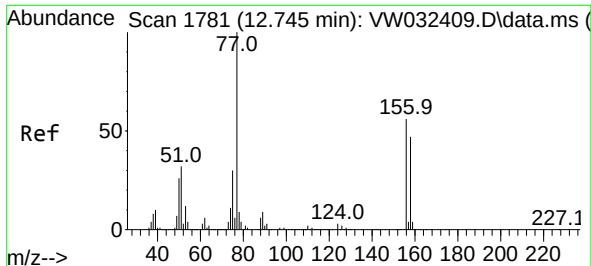
Tgt Ion: 83 Resp: 22446
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 67.5 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 6.176 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 75 Resp: 27932
Ion Ratio Lower Upper
75 100
77 177.4 151.6 454.8

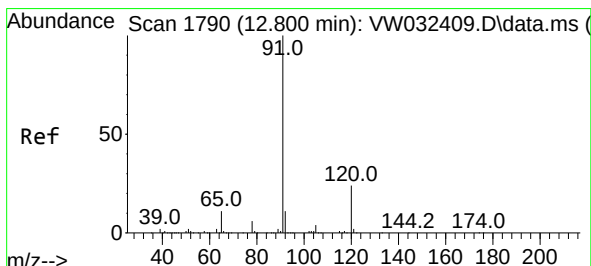
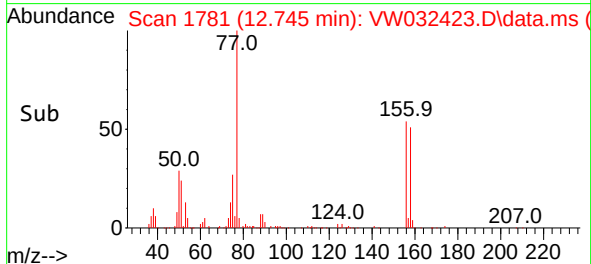
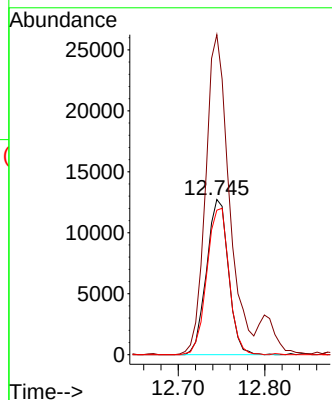
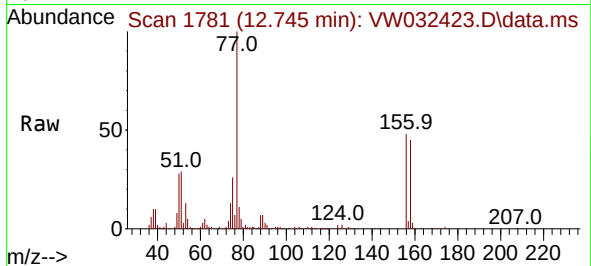




#77
Bromobenzene
Concen: 3.895 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

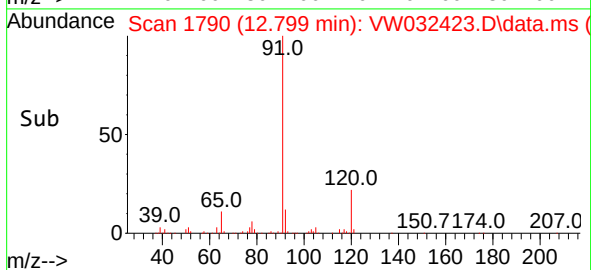
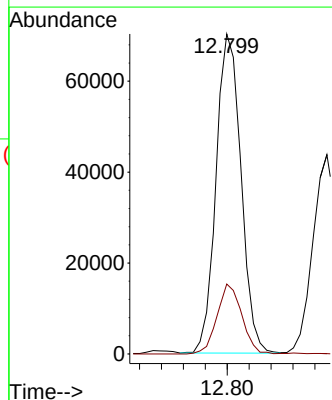
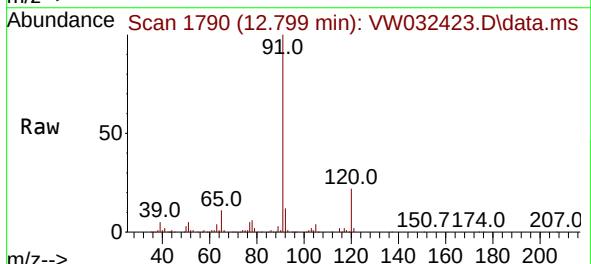
Instrument :
MSVOA_W
ClientSampleId :

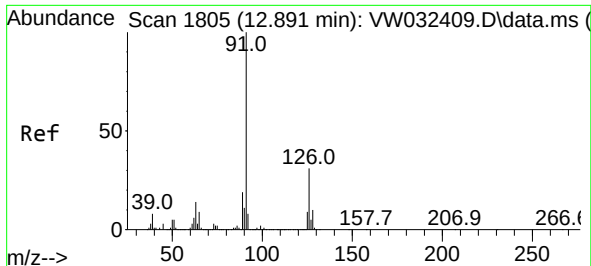
Tgt Ion:156 Resp: 22342
Ion Ratio Lower Upper
156 100
77 221.7 108.0 324.0
158 95.7 45.1 135.5



#78
n-propylbenzene
Concen: 3.760 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 91 Resp: 110921
Ion Ratio Lower Upper
91 100
120 21.8 11.3 33.9

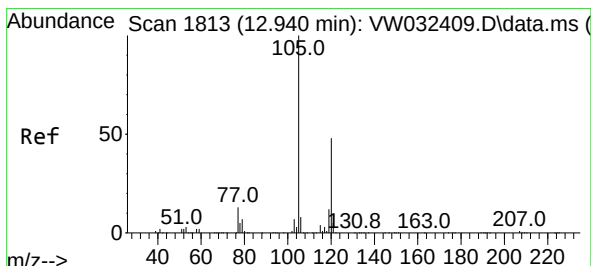
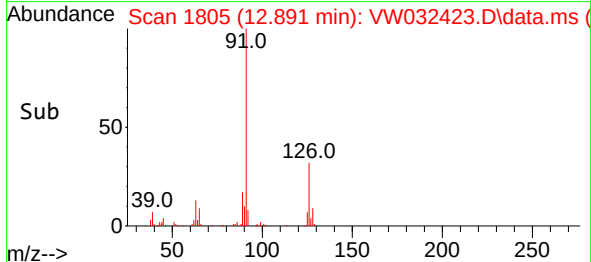
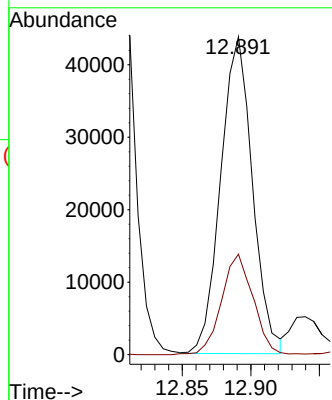
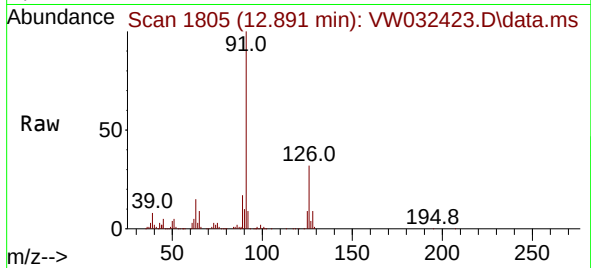




#79
2-Chlorotoluene
Concen: 3.911 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

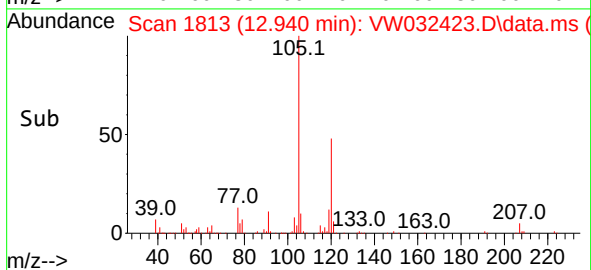
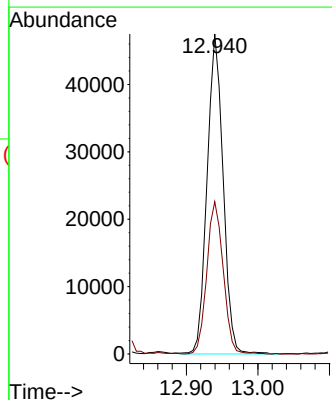
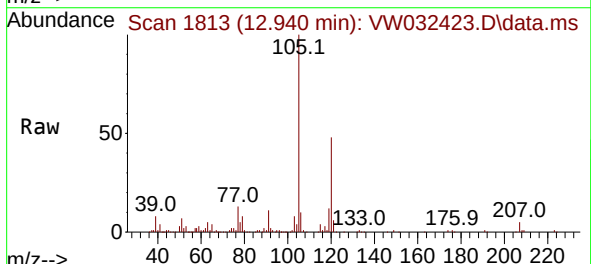
Instrument :
MSVOA_W
ClientSampleId :

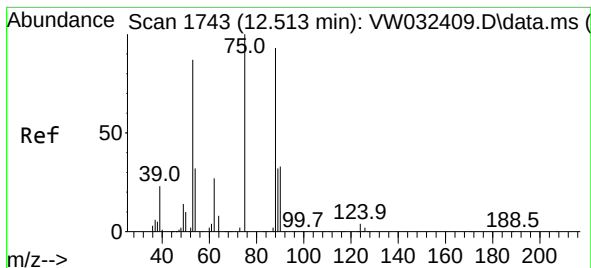
Tgt Ion: 91 Resp: 70425
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 3.701 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 105 Resp: 73959
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6

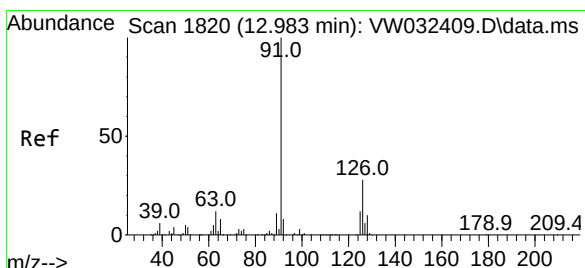
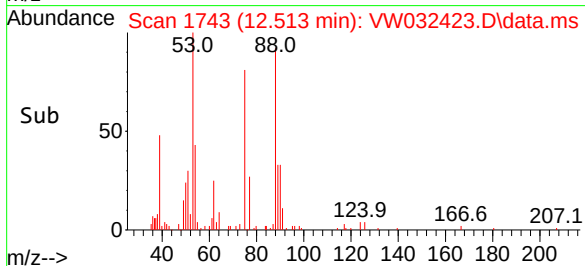
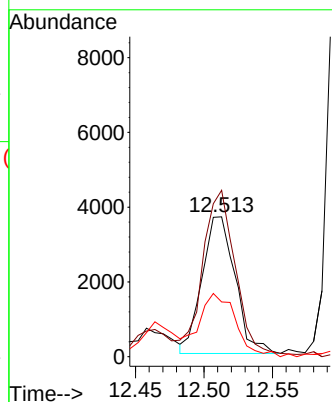
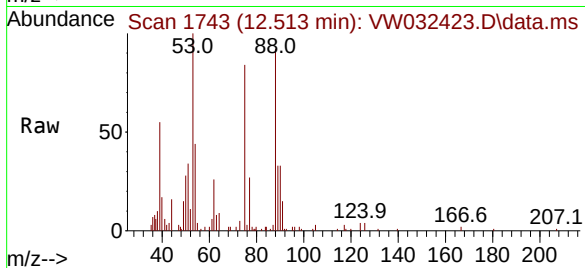




#81
trans-1,4-Dichloro-2-butene
Concen: 3.113 ug/l
RT: 12.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

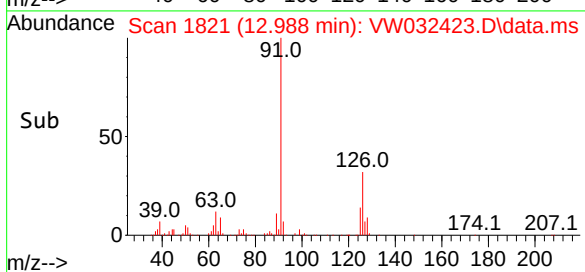
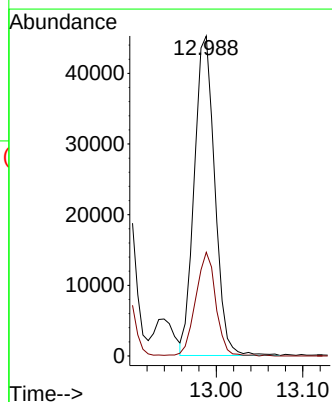
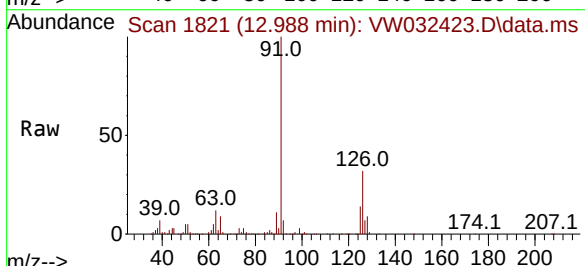
Instrument :
MSVOA_W
ClientSampleId :

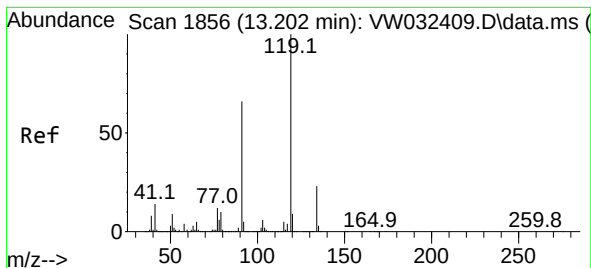
Tgt Ion: 75 Resp: 6147
Ion Ratio Lower Upper
75 100
53 123.4 77.8 116.8#
89 51.9 35.6 53.4



#82
4-Chlorotoluene
Concen: 3.961 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 91 Resp: 74190
Ion Ratio Lower Upper
91 100
126 32.0 15.5 46.5





#83

tert-Butylbenzene

Concen: 3.461 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

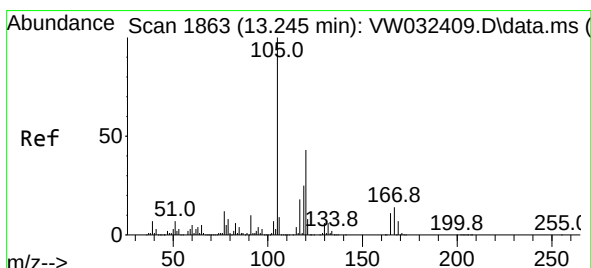
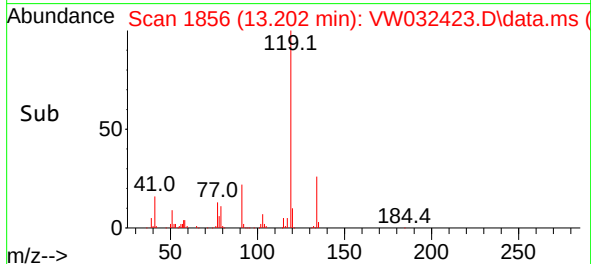
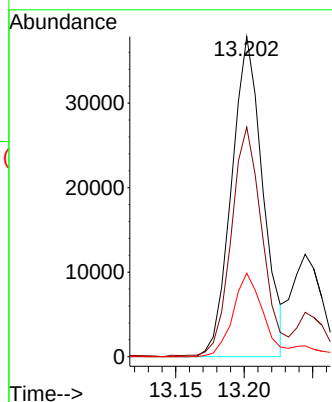
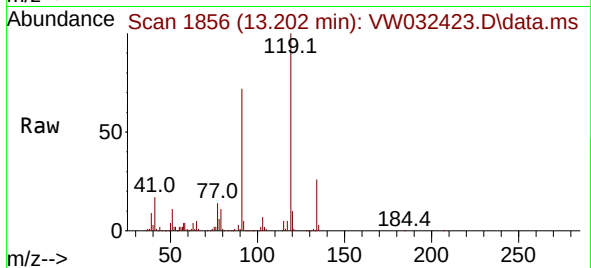
Tgt Ion:119 Resp: 60161

Ion Ratio Lower Upper

119 100

91 71.8 33.3 99.9

134 25.0 12.2 36.4



#84

1,2,4-Trimethylbenzene

Concen: 3.709 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032423.D

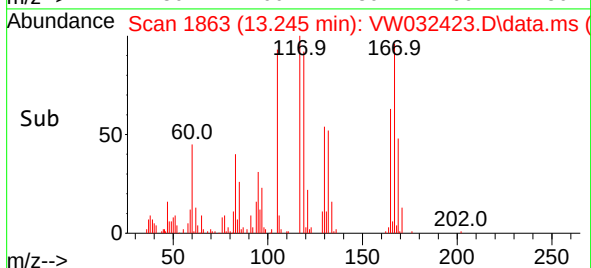
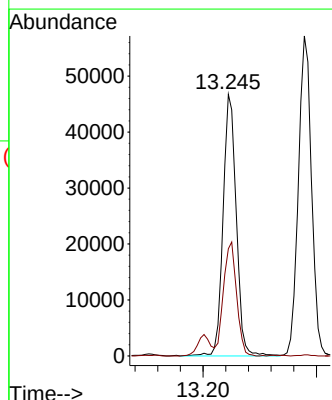
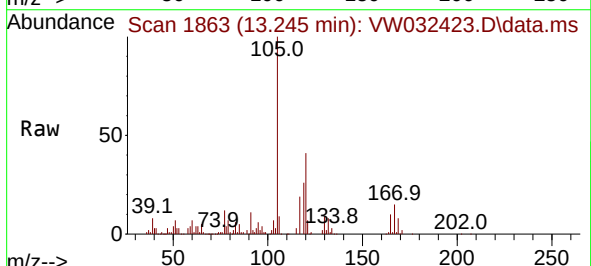
Acq: 11 Nov 2025 12:28

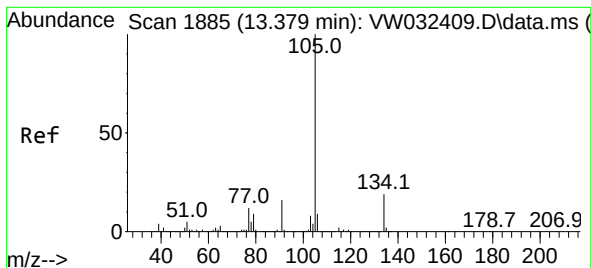
Tgt Ion:105 Resp: 75383

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.5

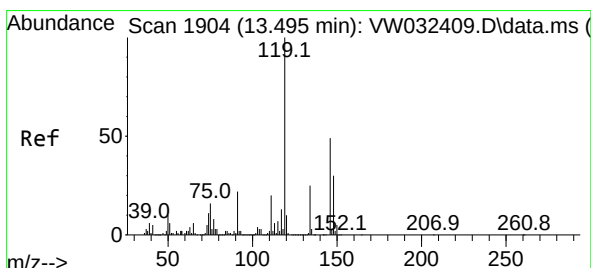
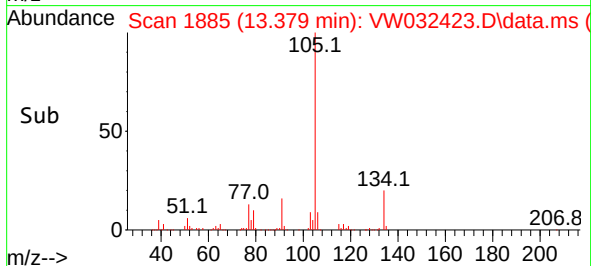
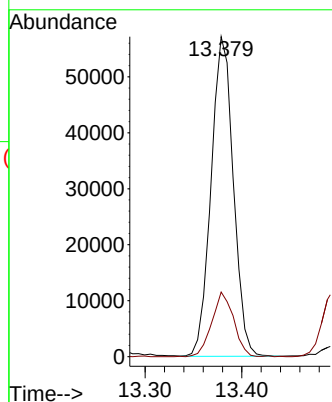
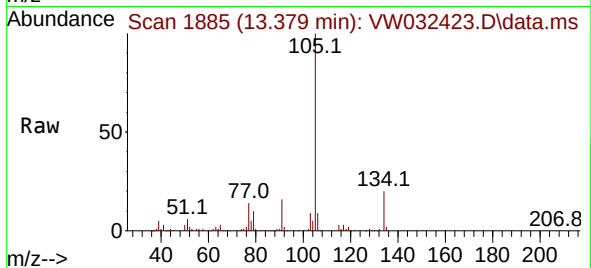




#85
 sec-Butylbenzene
 Concen: 3.529 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

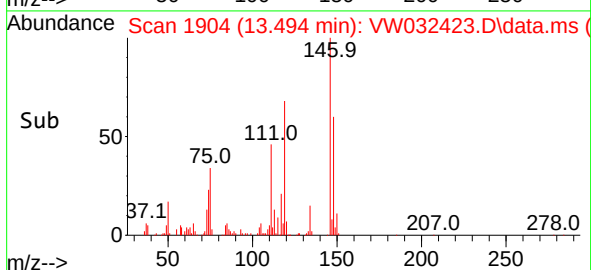
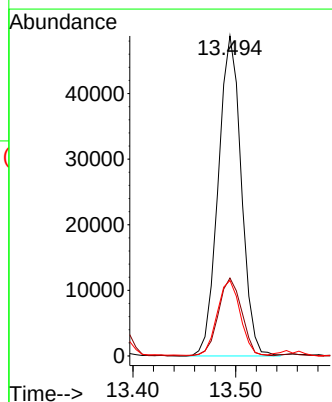
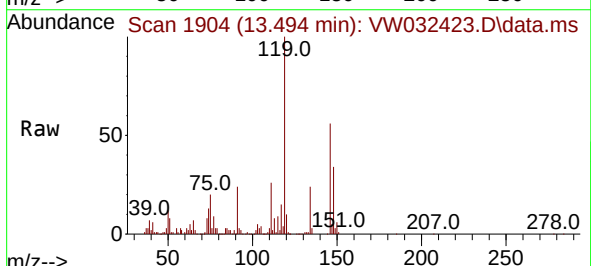
Instrument :
 MSVOA_W
 ClientSampleId :

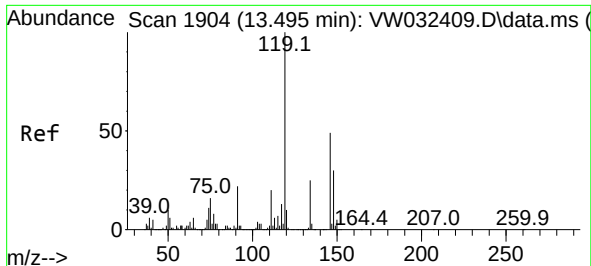
Tgt Ion:105 Resp: 91359
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.554 ug/l
 RT: 13.494 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032423.D
 Acq: 11 Nov 2025 12:28

Tgt Ion:119 Resp: 75967
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 4.168 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

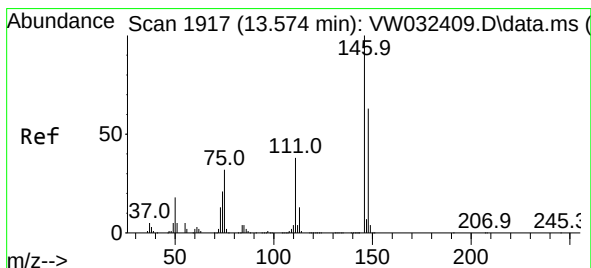
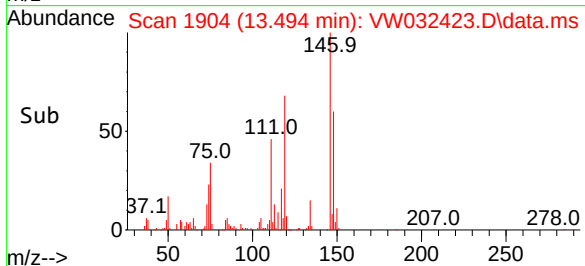
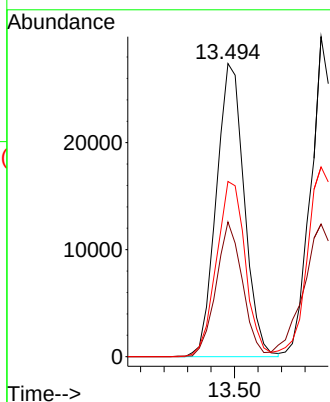
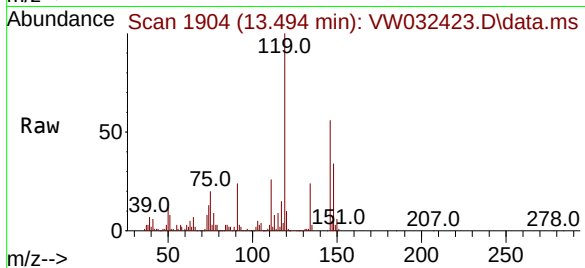
Tgt Ion:146 Resp: 45320

Ion Ratio Lower Upper

146 100

111 43.2 22.2 66.6

148 61.7 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 4.029 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

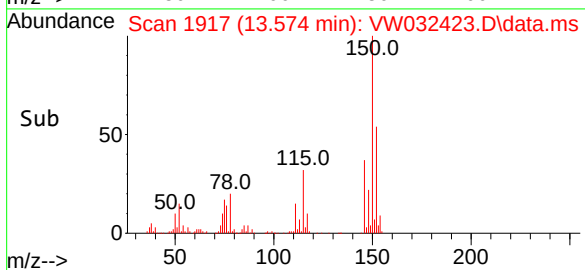
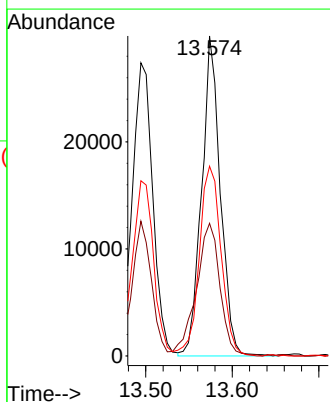
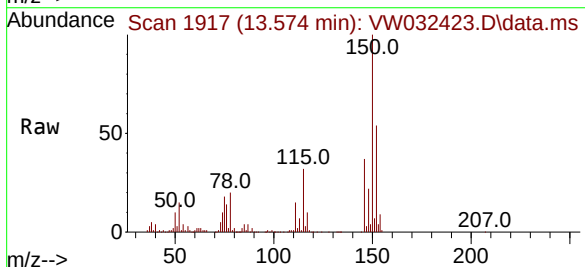
Tgt Ion:146 Resp: 44886

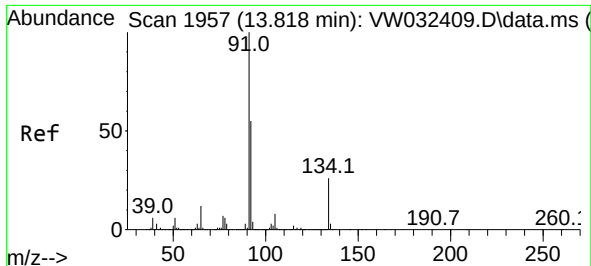
Ion Ratio Lower Upper

146 100

111 52.8 20.5 61.6

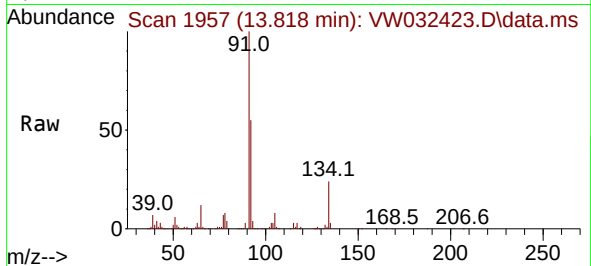
148 69.3 31.2 93.6





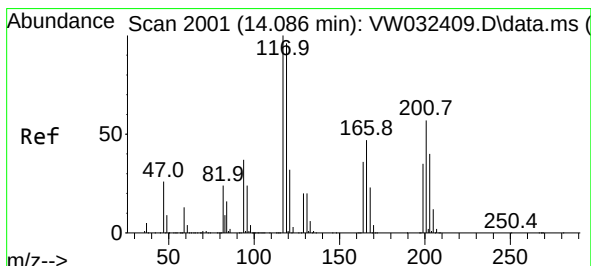
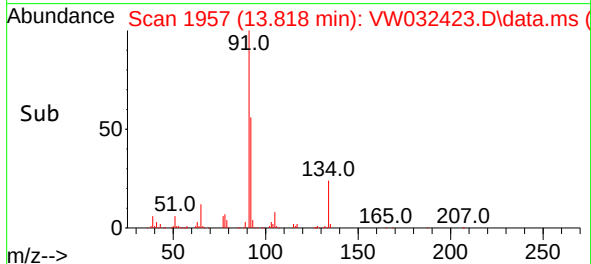
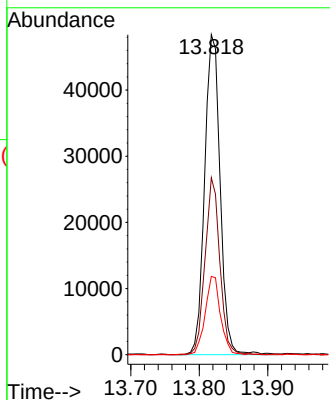
#89
n-Butylbenzene
Concen: 3.661 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 91 Resp: 76465

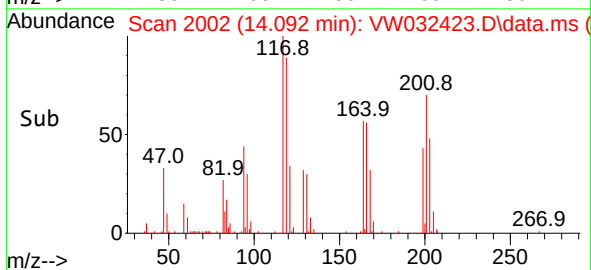
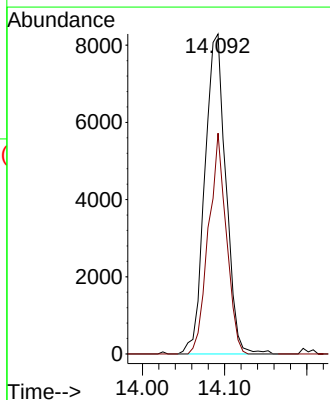
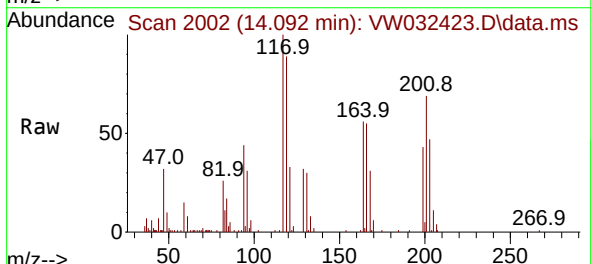
Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.4	82.2
134	24.2	12.4	37.4

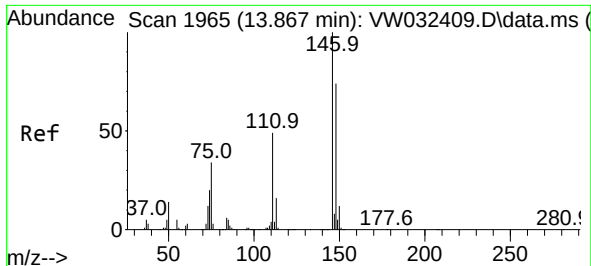


#90
Hexachloroethane
Concen: 3.825 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032423.D
Acq: 11 Nov 2025 12:28

Tgt Ion: 117 Resp: 14744

Ion	Ratio	Lower	Upper
117	100		
201	58.6	32.0	96.0





#91

1,2-Dichlorobenzene

Concen: 4.264 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

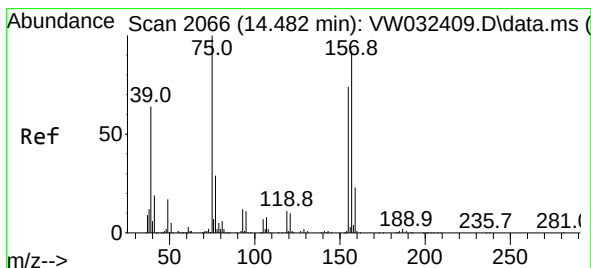
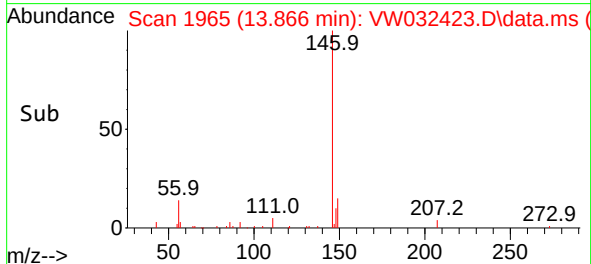
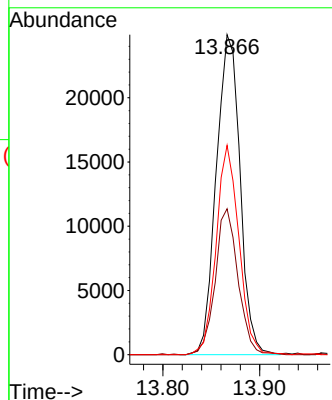
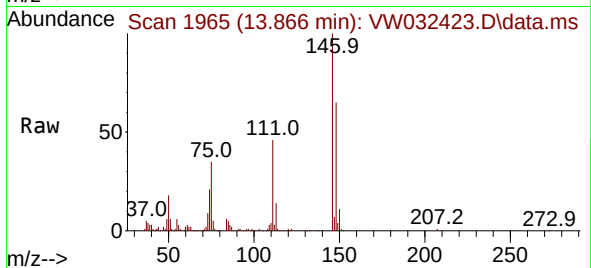
Tgt Ion:146 Resp: 42568

Ion Ratio Lower Upper

146 100

111 43.7 23.4 70.2

148 62.6 34.0 101.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.745 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

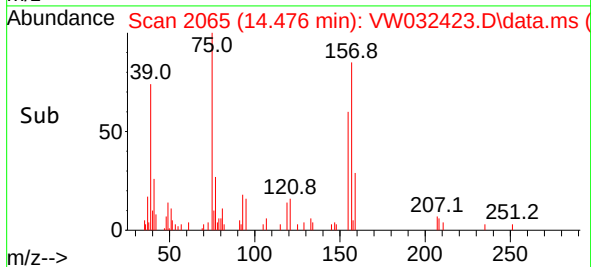
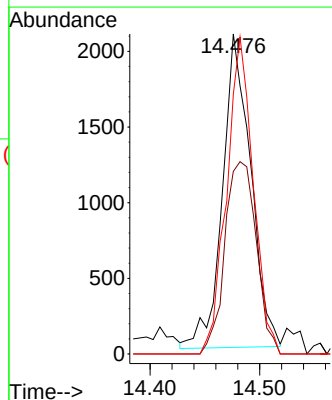
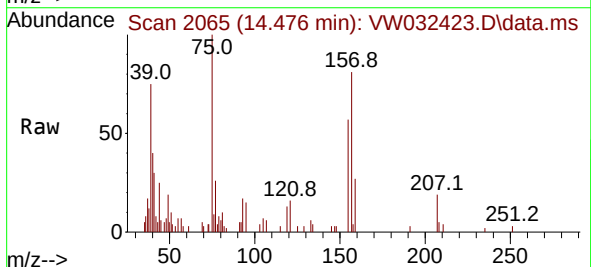
Tgt Ion: 75 Resp: 3709

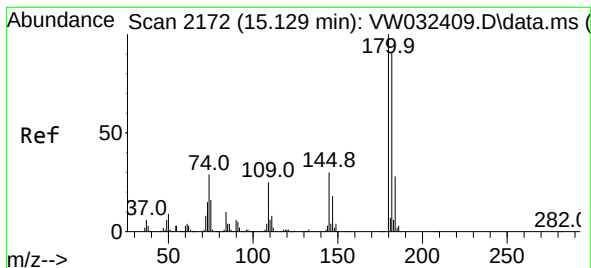
Ion Ratio Lower Upper

75 100

155 68.5 36.2 108.6

157 95.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 3.777 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

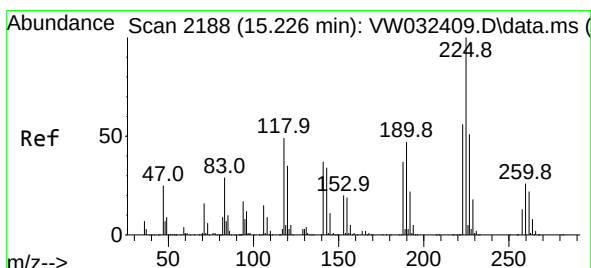
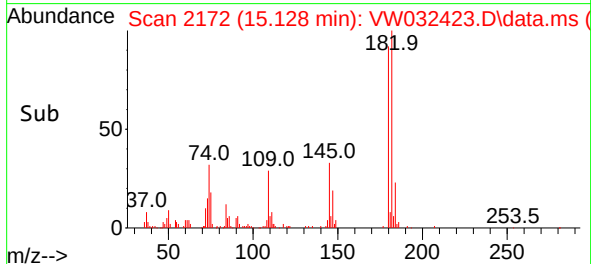
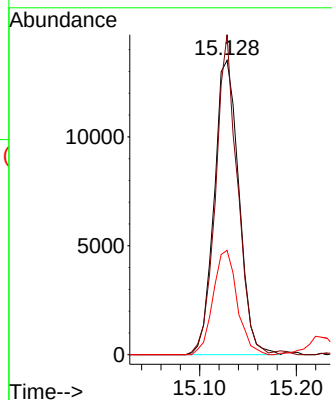
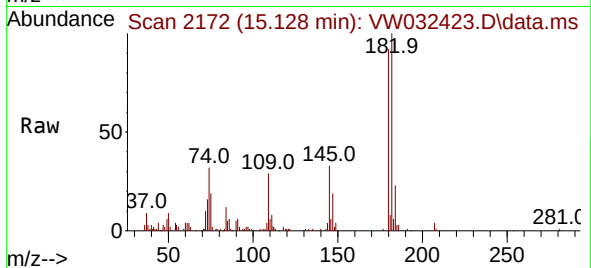
Tgt Ion:180 Resp: 23993

Ion Ratio Lower Upper

180 100

182 96.1 45.3 135.9

145 34.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 4.004 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

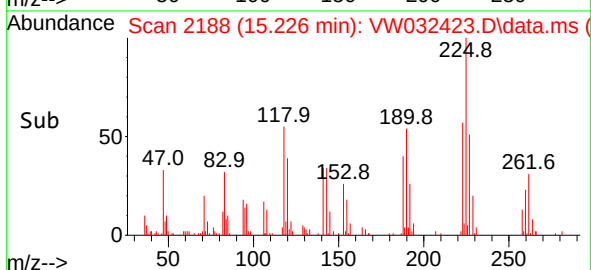
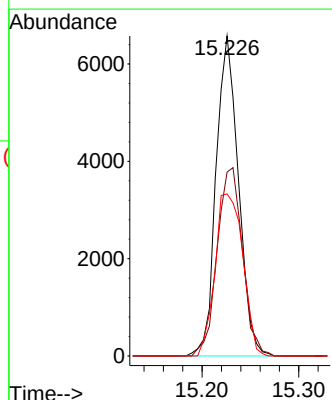
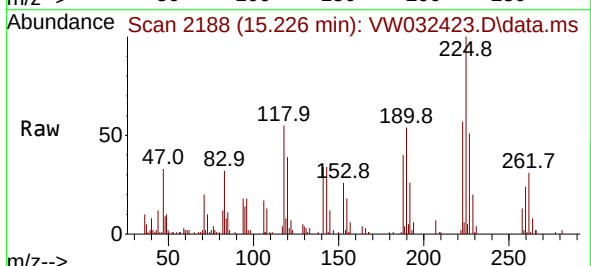
Tgt Ion:225 Resp: 10566

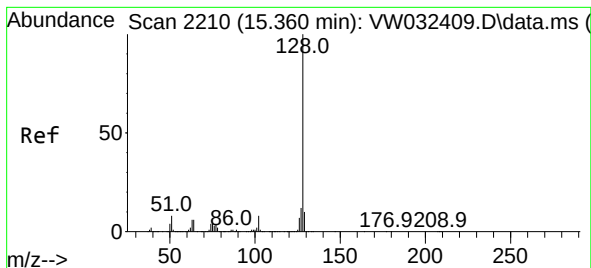
Ion Ratio Lower Upper

225 100

223 66.5 30.6 91.8

227 62.9 29.8 89.4





#95

Naphthalene

Concen: 3.224 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

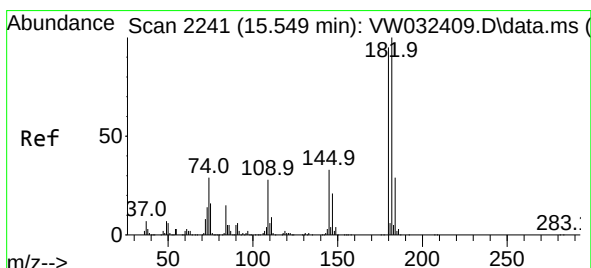
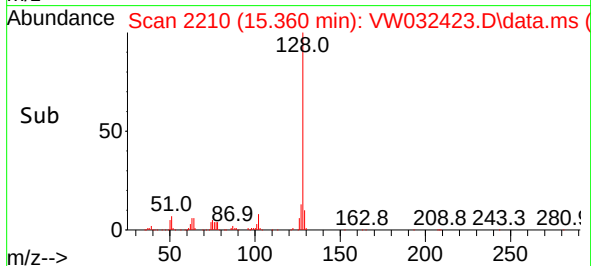
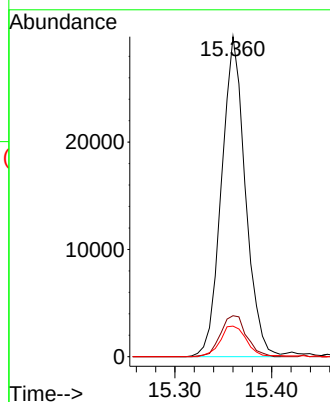
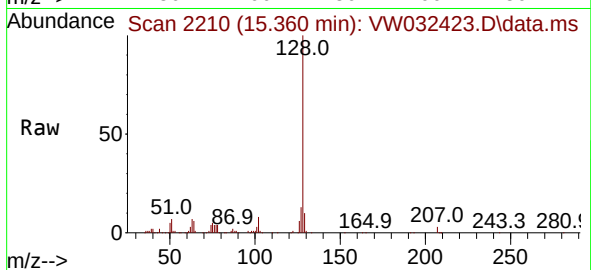
Tgt Ion:128 Resp: 51068

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 3.818 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032423.D

Acq: 11 Nov 2025 12:28

Tgt Ion:180 Resp: 22018

Ion Ratio Lower Upper

180 100

182 89.8 50.3 151.0

145 33.7 17.8 53.3

