

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072325\
 Data File : VW031902.D
 Acq On : 23 Jul 2025 10:49
 Operator : SY/MD
 Sample : VW0723SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Quant Time: Jul 24 02:47:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	214832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	407809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	374942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	161308	49.635	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.280%
35) Dibromofluoromethane	7.898	113	136252	49.169	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.340%
50) Toluene-d8	10.325	98	498677	47.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.617	95	195974	48.664	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	97.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	33096	20.728	ug/l	93
3) Chloromethane	2.253	50	40758	19.888	ug/l	99
4) Vinyl Chloride	2.405	62	55544	20.864	ug/l	96
5) Bromomethane	2.820	94	40105	20.458	ug/l	97
6) Chloroethane	2.966	64	35660	20.296	ug/l	97
7) Trichlorofluoromethane	3.308	101	56080	20.799	ug/l	97
8) Diethyl Ether	3.722	74	35907	19.936	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	52101	20.089	ug/l	98
10) Methyl Iodide	4.301	142	78637	20.279	ug/l	99
11) Tert butyl alcohol	5.222	59	22431	117.421	ug/l	97
12) 1,1-Dichloroethene	4.076	96	59059	20.617	ug/l	95
13) Acrolein	3.930	56	32822	118.955	ug/l	92
14) Allyl chloride	4.704	41	90617	20.321	ug/l	99
15) Acrylonitrile	5.405	53	86389	107.282	ug/l	98
16) Acetone	4.161	43	72260	93.701	ug/l	99
17) Carbon Disulfide	4.423	76	148265	19.957	ug/l	98
18) Methyl Acetate	4.704	43	49288	23.198	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	106303	21.477	ug/l	96
20) Methylene Chloride	4.948	84	67809	17.537	ug/l	91
21) trans-1,2-Dichloroethene	5.454	96	61722	20.308	ug/l	91
22) Diisopropyl ether	6.338	45	186539	20.905	ug/l	99
23) Vinyl Acetate	6.283	43	601759	103.225	ug/l	99
24) 1,1-Dichloroethane	6.240	63	113808	20.485	ug/l	99
25) 2-Butanone	7.191	43	110822	105.030	ug/l	99
26) 2,2-Dichloropropane	7.185	77	65609	20.860	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	73754	20.641	ug/l	99
28) Bromochloromethane	7.527	49	49151	21.130	ug/l	99
29) Tetrahydrofuran	7.551	42	75307	108.860	ug/l	99
30) Chloroform	7.691	83	121663	20.886	ug/l	98
31) Cyclohexane	7.972	56	101800	20.424	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	90776	20.479	ug/l	97
36) 1,1-Dichloropropene	8.093	75	85282	20.040	ug/l	99
37) Ethyl Acetate	7.270	43	51484	21.207	ug/l	99
38) Carbon Tetrachloride	8.087	117	80260	19.651	ug/l	97
39) Methylcyclohexane	9.343	83	108360	20.233	ug/l	97
40) Benzene	8.331	78	256266	20.342	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	27457	18.894	ug/l	93
42) 1,2-Dichloroethane	8.411	62	85166	21.124	ug/l	99
43) Isopropyl Acetate	8.435	43	88539	20.146	ug/l	99
44) Trichloroethene	9.099	130	59168	19.760	ug/l	98
45) 1,2-Dichloropropane	9.374	63	61860	20.389	ug/l	100
46) Dibromomethane	9.465	93	39561	21.035	ug/l	96
47) Bromodichloromethane	9.654	83	90117	19.983	ug/l	98
48) Methyl methacrylate	9.441	41	43751	20.925	ug/l	100
49) 1,4-Dioxane	9.465	88	8191	436.475	ug/l #	84
51) 4-Methyl-2-Pentanone	10.215	43	256062	106.462	ug/l	99
52) Toluene	10.392	92	161516	19.945	ug/l	97
53) t-1,3-Dichloropropene	10.605	75	84329	19.493	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	100009	20.244	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	50835	20.349	ug/l	94
56) Ethyl methacrylate	10.648	69	71241	20.192	ug/l	99
57) 1,3-Dichloropropane	10.934	76	93181	21.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.929	63	188891	104.229	ug/l	98
59) 2-Hexanone	10.971	43	177475	106.155	ug/l	98
60) Dibromochloromethane	11.130	129	57752	19.828	ug/l	100
61) 1,2-Dibromoethane	11.239	107	49800	20.174	ug/l	98
64) Tetrachloroethene	10.867	164	48486	19.614	ug/l	88
65) Chlorobenzene	11.654	112	176060	19.186	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	54564	19.180	ug/l	99
67) Ethyl Benzene	11.733	91	307016	19.042	ug/l	96
68) m/p-Xylenes	11.837	106	237104	39.064	ug/l	98
70) Styrene	12.178	104	193616	19.797	ug/l	99
71) Bromoform	12.349	173	30876	19.845	ug/l #	98
73) Isopropylbenzene	12.459	105	291729	19.135	ug/l	100
74) N-amyl acetate	12.270	43	79549	19.301	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	64955	20.072	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	79670	32.841	ug/l #	100
77) Bromobenzene	12.745	156	65060	19.723	ug/l	94
78) n-propylbenzene	12.800	91	356515	19.040	ug/l	98
79) 2-Chlorotoluene	12.891	91	218019	19.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	240687	18.824	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.507	75	19140	18.215	ug/l	93
82) 4-Chlorotoluene	12.989	91	227495	19.397	ug/l	99
83) tert-Butylbenzene	13.202	119	216608	19.888	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	255236	19.722	ug/l	99
85) sec-Butylbenzene	13.379	105	317629	19.420	ug/l	99
86) p-Isopropyltoluene	13.495	119	259703	19.210	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	135030	19.665	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	132042	19.630	ug/l	98
89) n-Butylbenzene	13.818	91	252594	19.047	ug/l	99
90) Hexachloroethane	14.086	117	43220	18.488	ug/l	98
91) 1,2-Dichlorobenzene	13.861	146	117496	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11258	19.256	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	68178	18.578	ug/l	97
94) Hexachlorobutadiene	15.226	225	32743	18.829	ug/l	98
95) Naphthalene	15.360	128	181214	20.085	ug/l	97
96) 1,2,3-Trichlorobenzene	15.549	180	63863	19.206	ug/l	95

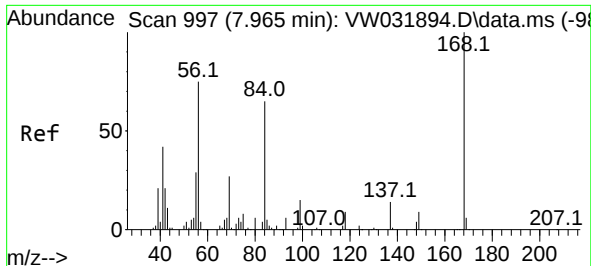
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Response via : Initial Calibration

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

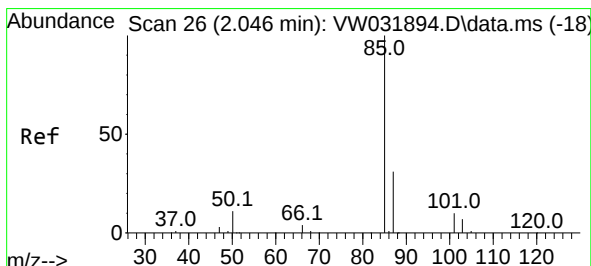
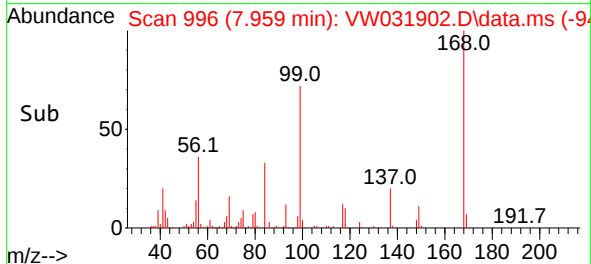
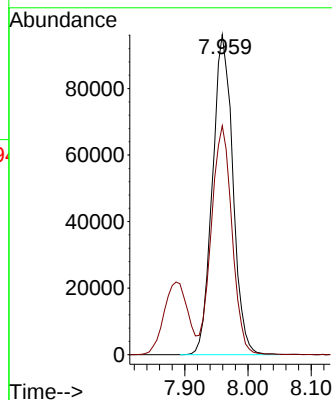
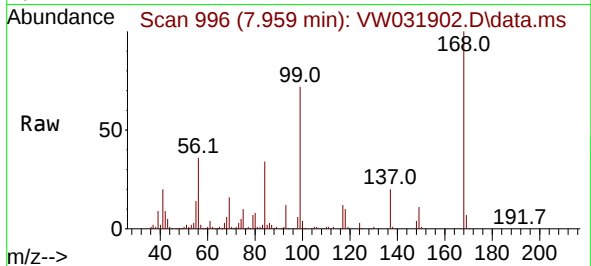
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

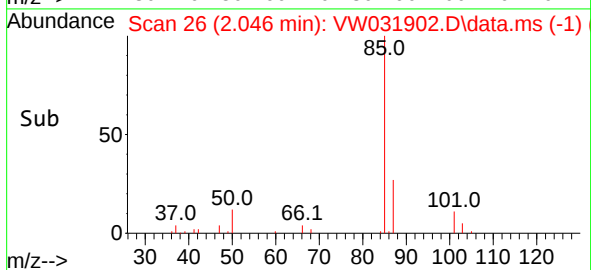
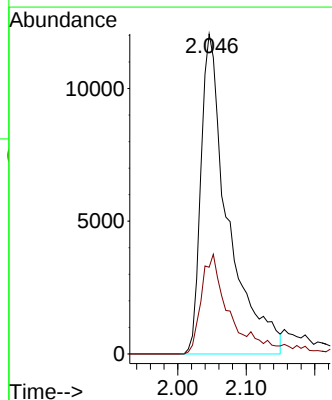
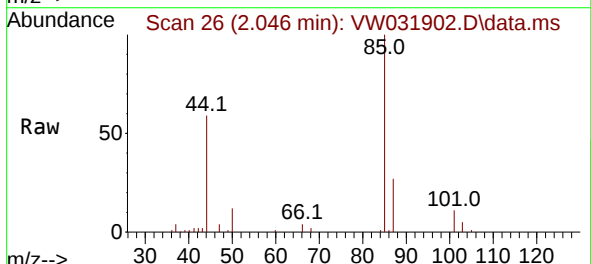
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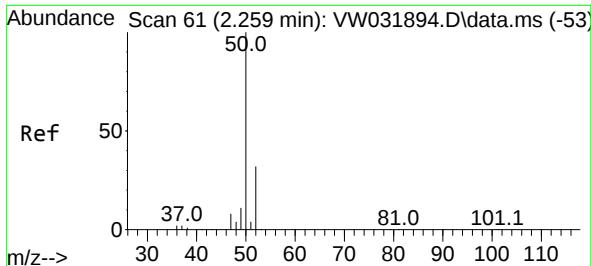
Tgt Ion:168 Resp: 214832
Ion Ratio Lower Upper
168 100
99 71.4 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 20.728 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 85 Resp: 33096
Ion Ratio Lower Upper
85 100
87 27.1 15.5 46.5

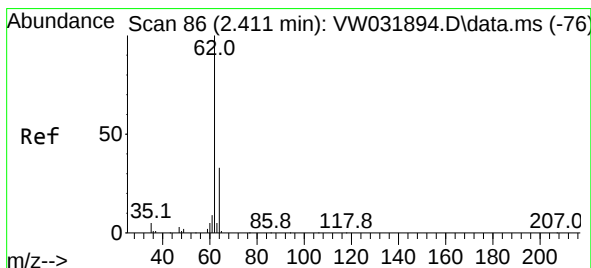
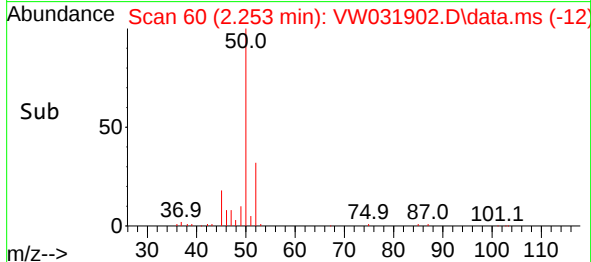
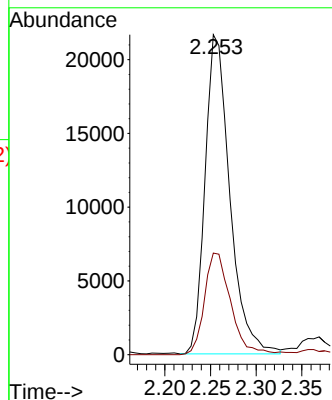
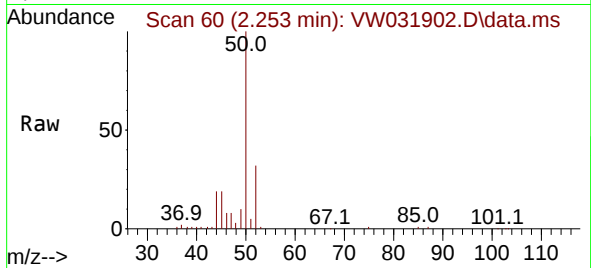




#3
Chloromethane
Concen: 19.888 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

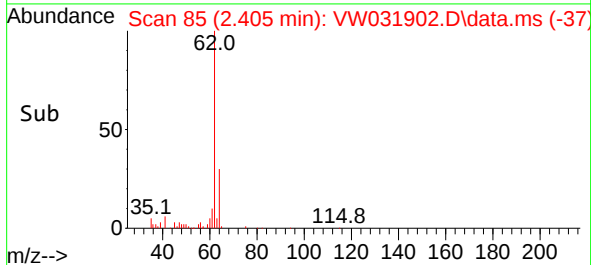
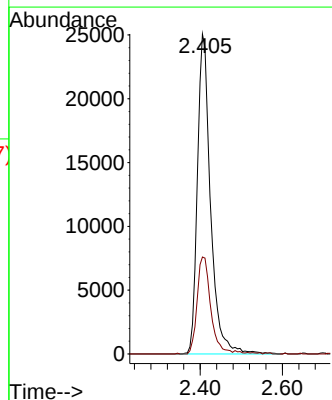
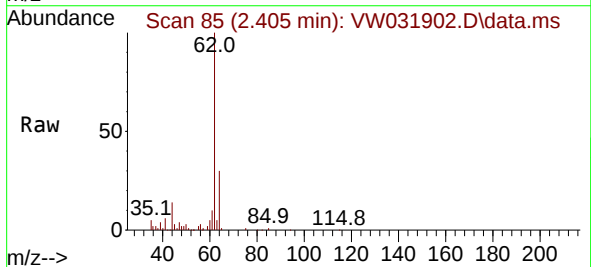
Instrument :
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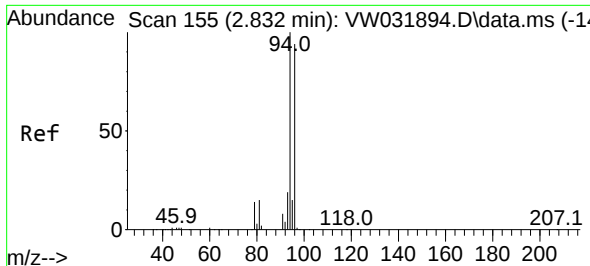
Tgt Ion: 50 Resp: 40758
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5



#4
Vinyl Chloride
Concen: 20.864 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 62 Resp: 55544
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2

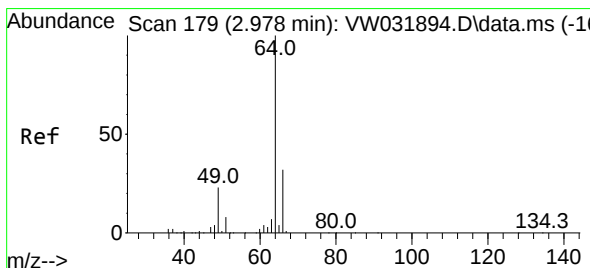
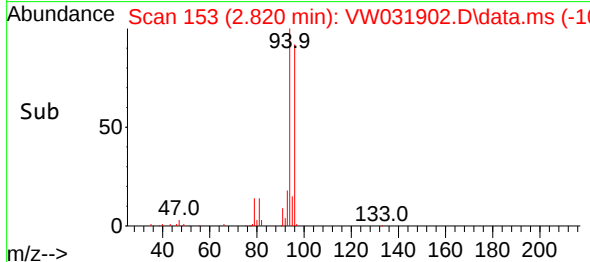
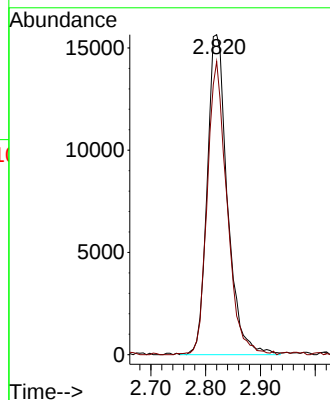
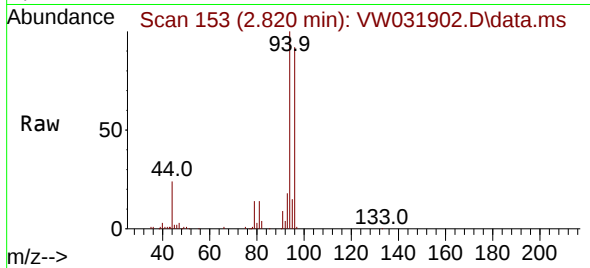




#5
Bromomethane
Concen: 20.458 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

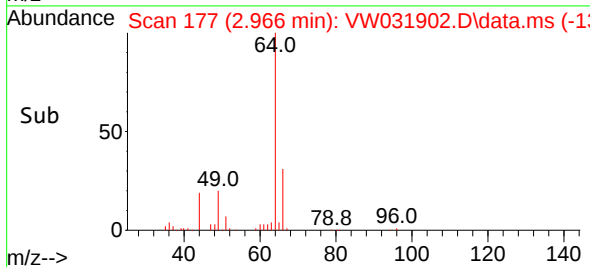
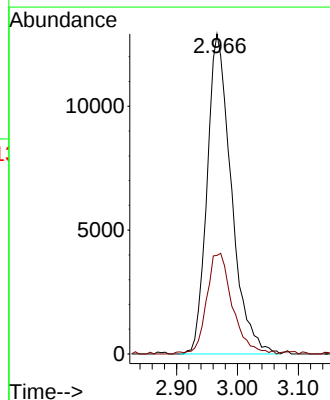
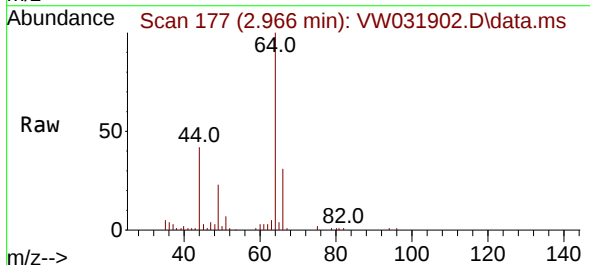
Instrument :
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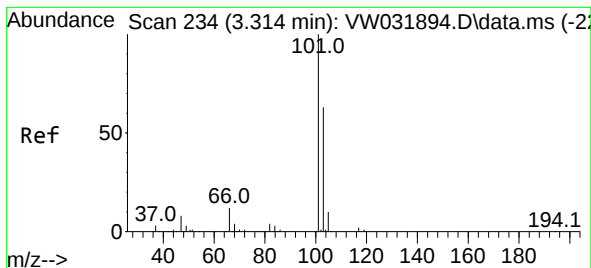
Tgt Ion: 94 Resp: 40105
Ion Ratio Lower Upper
94 100
96 91.3 75.0 112.6



#6
Chloroethane
Concen: 20.296 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.012 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 64 Resp: 35660
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4





#7

Trichlorofluoromethane

Concen: 20.799 ug/l

RT: 3.308 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

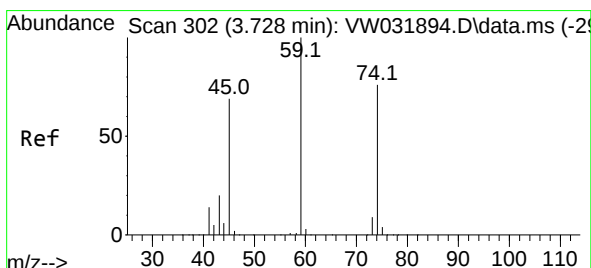
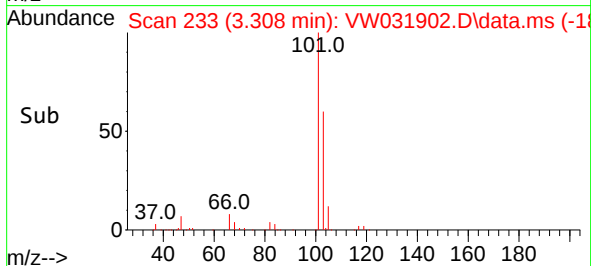
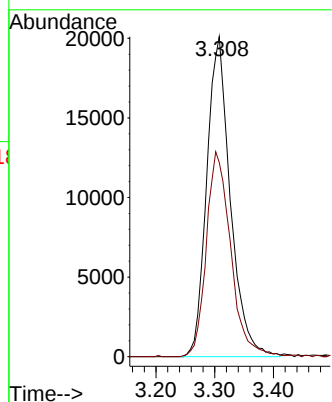
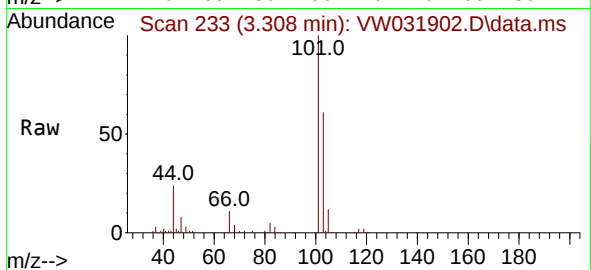
VW0723SBS01

Tgt Ion:101 Resp: 56080

Ion Ratio Lower Upper

101 100

103 60.7 50.7 76.1



#8

Diethyl Ether

Concen: 19.936 ug/l

RT: 3.722 min Scan# 301

Delta R.T. -0.006 min

Lab File: VW031902.D

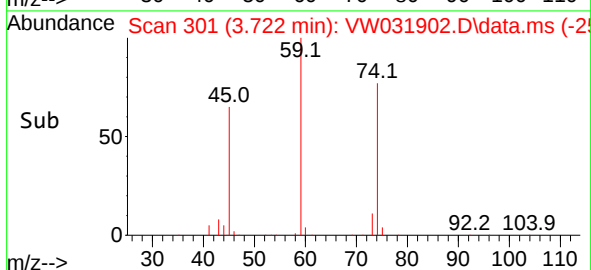
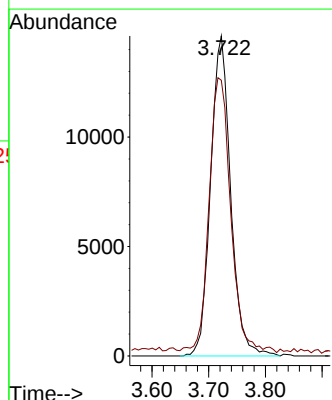
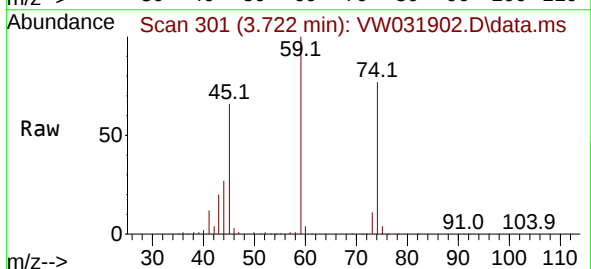
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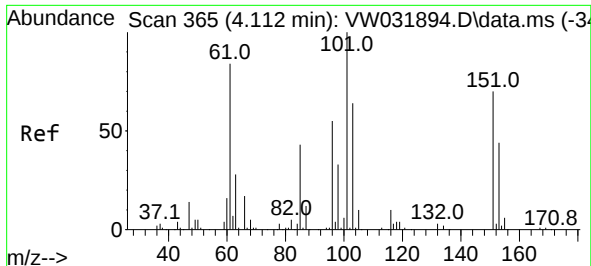
Tgt Ion: 74 Resp: 35907

Ion Ratio Lower Upper

74 100

45 90.3 45.5 136.5

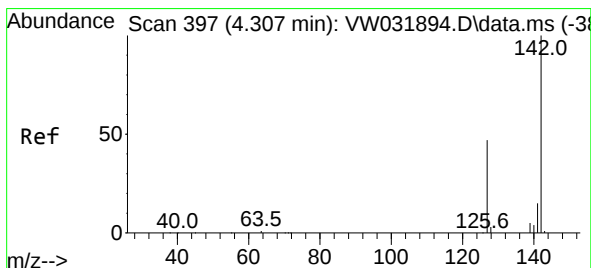
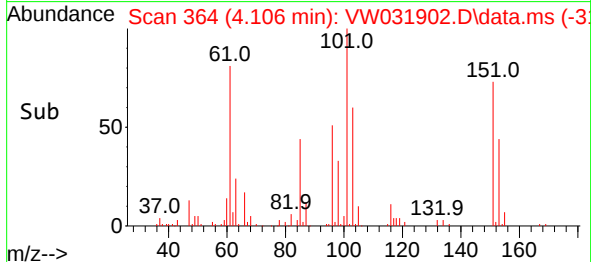
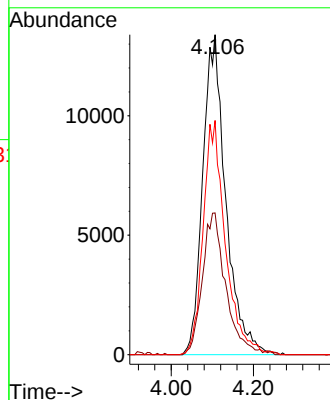
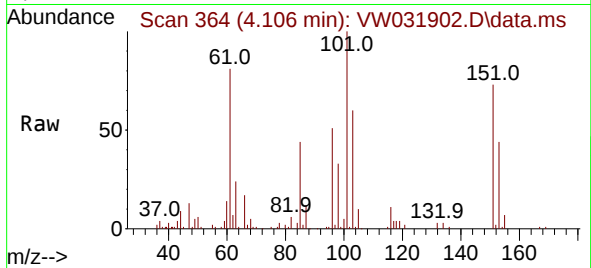




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.089 ug/l
 RT: 4.106 min Scan# 364
 Delta R.T. -0.006 min
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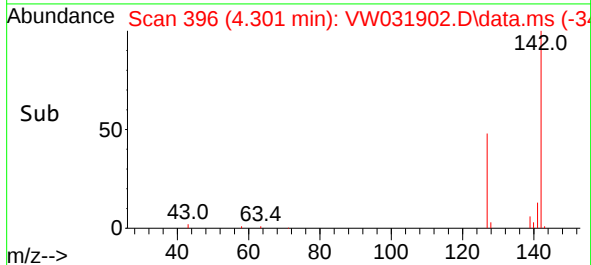
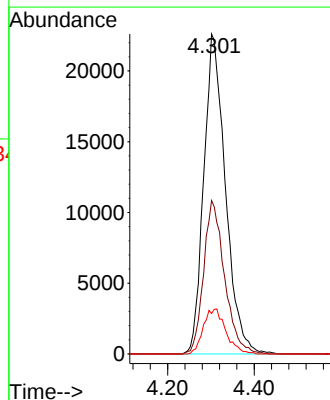
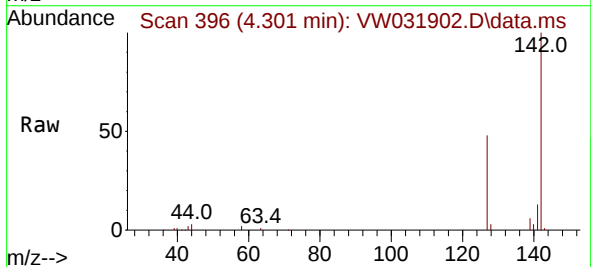
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

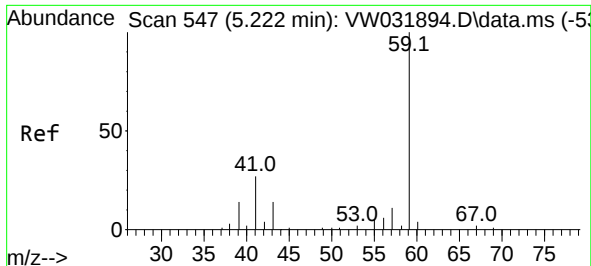
Tgt Ion:101 Resp: 52101
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.5 53.3
 151 70.5 54.6 81.8



#10
 Methyl Iodide
 Concen: 20.279 ug/l
 RT: 4.301 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

Tgt Ion:142 Resp: 78637
 Ion Ratio Lower Upper
 142 100
 127 46.3 37.4 56.2
 141 14.6 11.9 17.9

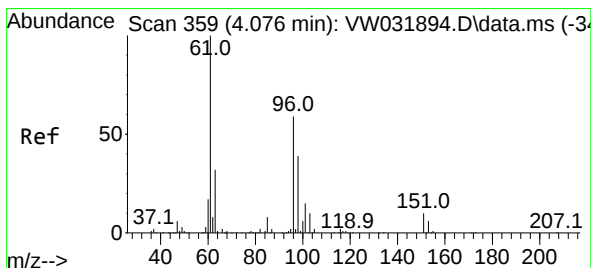
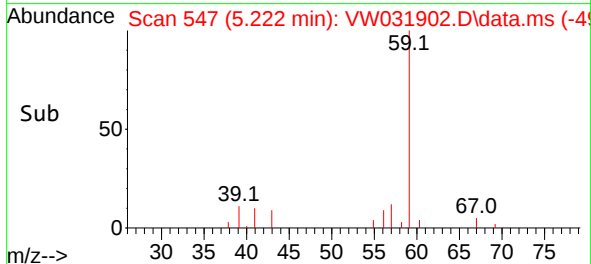
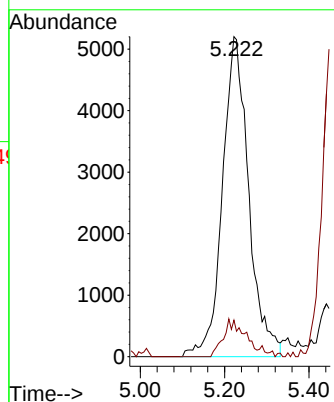
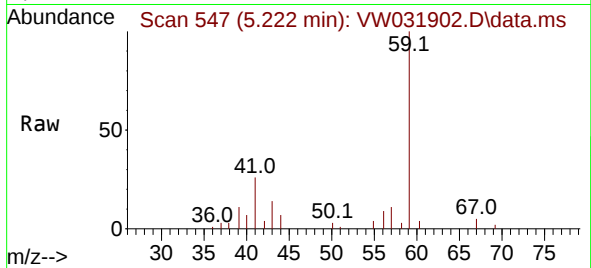




#11
Tert butyl alcohol
Concen: 117.421 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

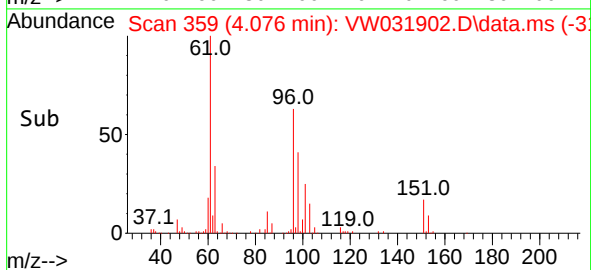
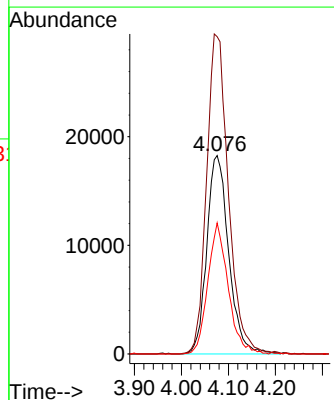
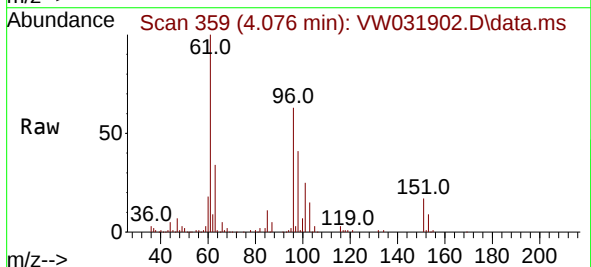
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tgt Ion: 59 Resp: 22431
Ion Ratio Lower Upper
59 100
57 9.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.617 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 96 Resp: 59059
Ion Ratio Lower Upper
96 100
61 159.9 135.0 202.6
98 66.1 52.3 78.5

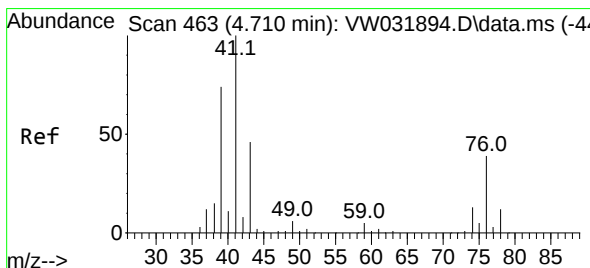
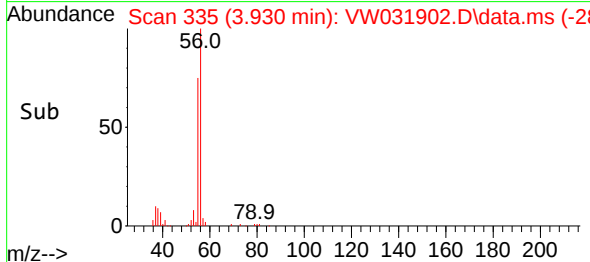
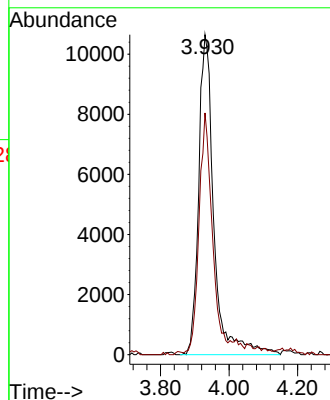
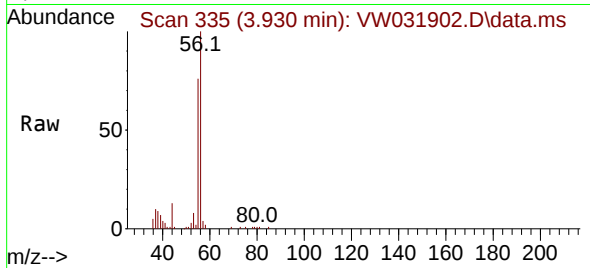




#13
Acrolein
Concen: 118.955 ug/l
RT: 3.930 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

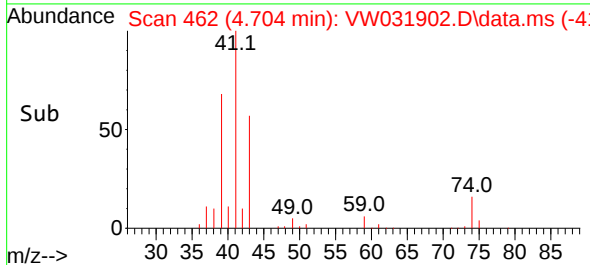
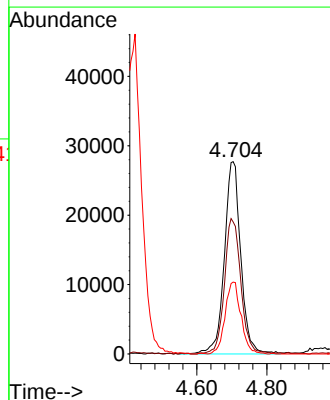
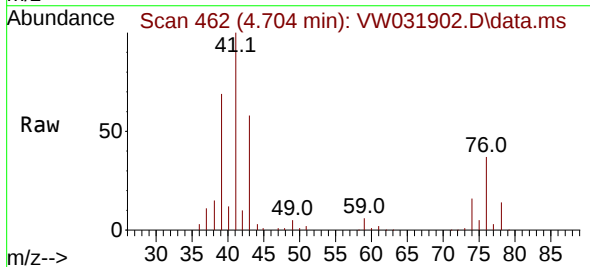
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

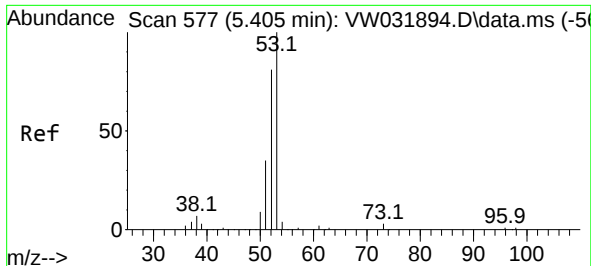
Tgt Ion: 56 Resp: 32822
Ion Ratio Lower Upper
56 100
55 64.4 56.7 85.1



#14
Allyl chloride
Concen: 20.321 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 41 Resp: 90617
Ion Ratio Lower Upper
41 100
39 70.6 56.6 85.0
76 36.0 30.1 45.1

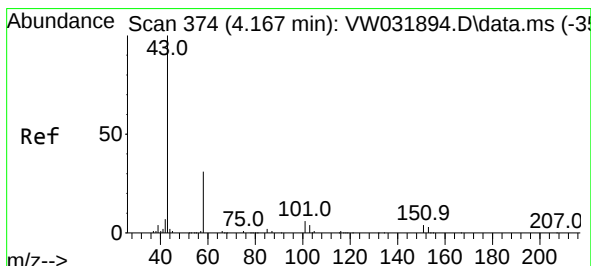
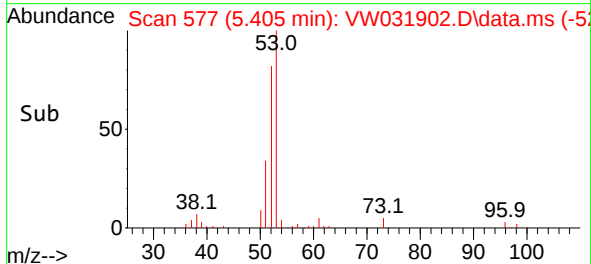
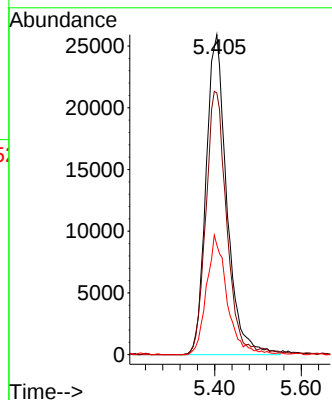
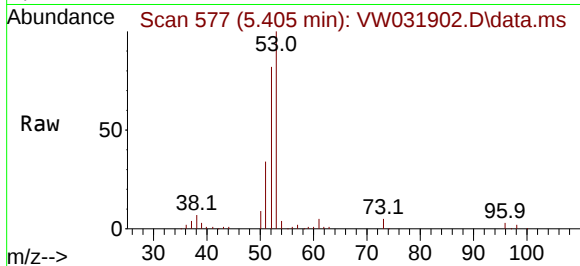




#15
Acrylonitrile
Concen: 107.282 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

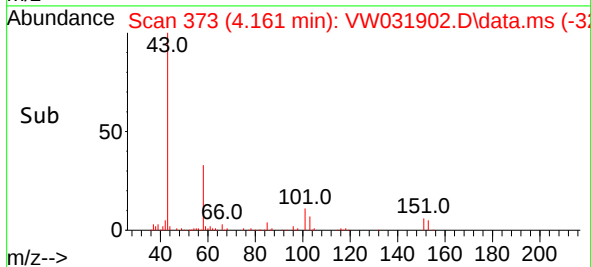
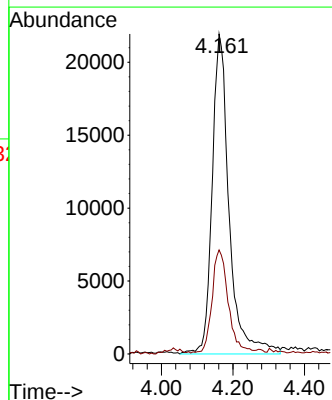
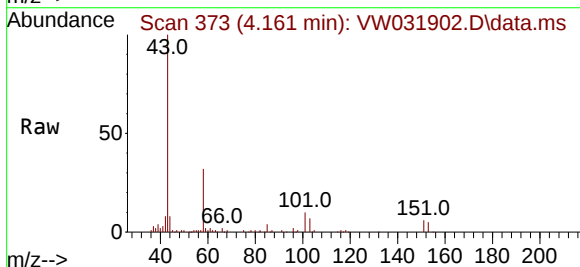
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

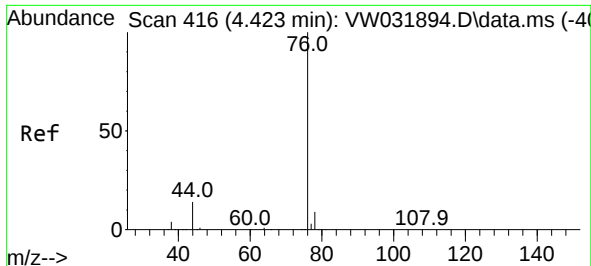
Tgt Ion:	53	Resp:	86389
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	37.0	29.9	44.9



#16
Acetone
Concen: 93.701 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:	43	Resp:	72260
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.5	38.3

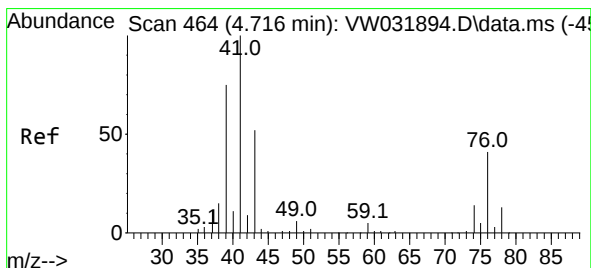
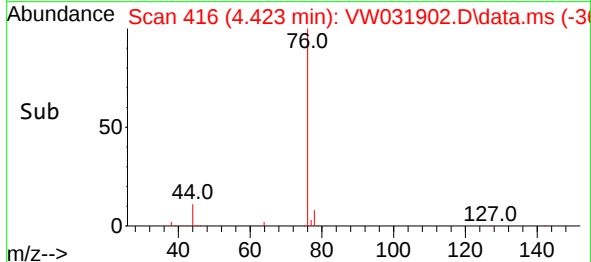
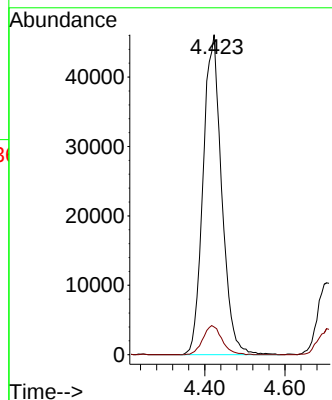
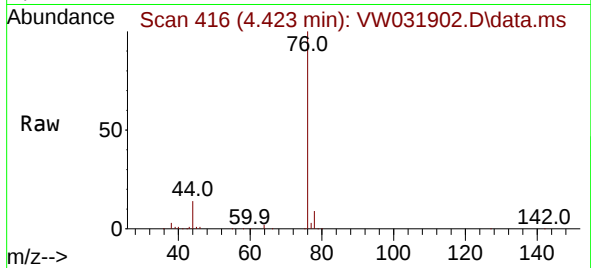




#17
Carbon Disulfide
Concen: 19.957 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

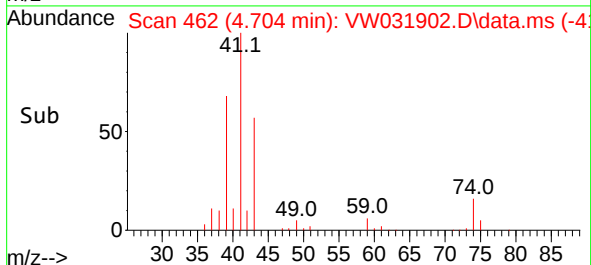
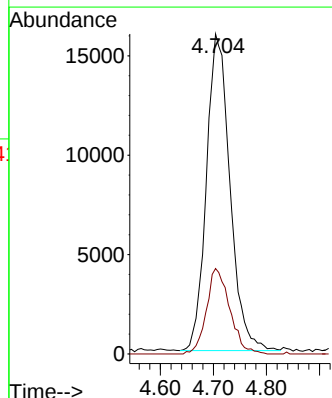
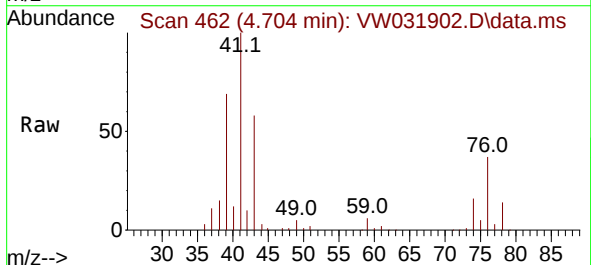
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

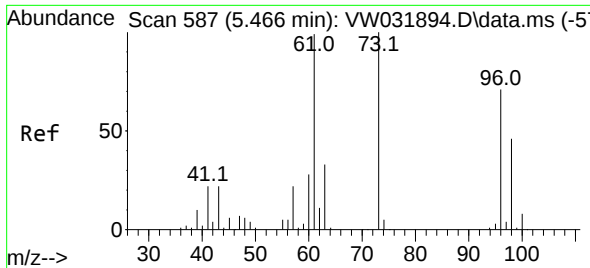
Tgt Ion: 76 Resp: 148265
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 23.198 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.012 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 43 Resp: 49288
Ion Ratio Lower Upper
43 100
74 26.6 20.6 31.0

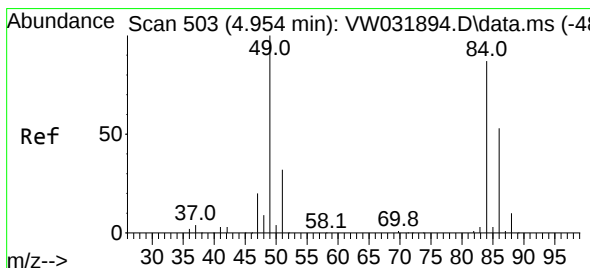
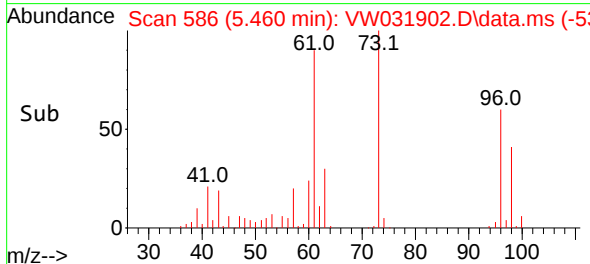
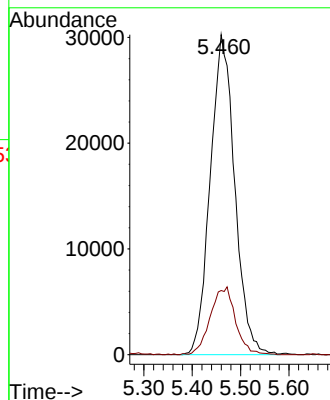
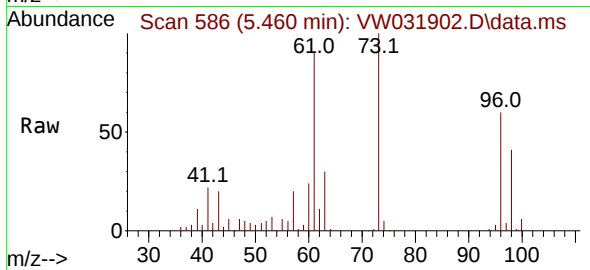




#19
Methyl tert-butyl Ether
Concen: 21.477 ug/l
RT: 5.460 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

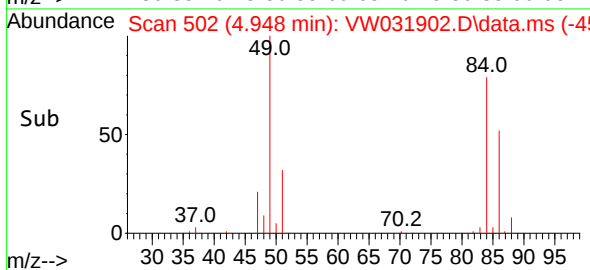
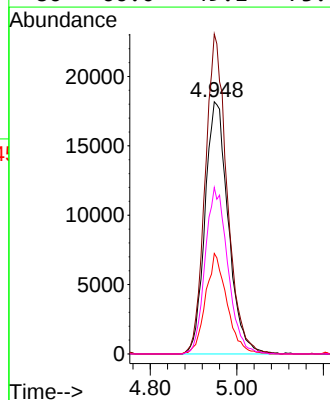
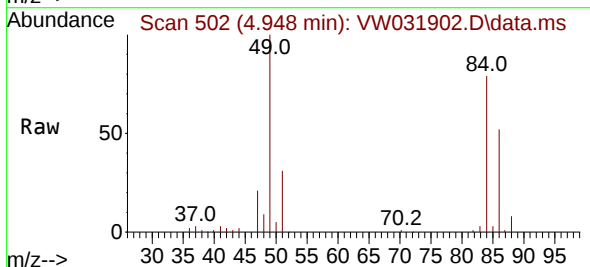
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

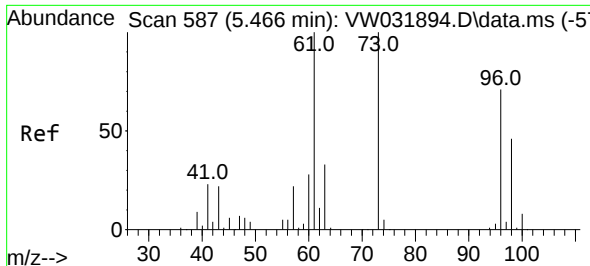
Tgt Ion: 73 Resp: 106303
Ion Ratio Lower Upper
73 100
57 20.1 17.5 26.3



#20
Methylene Chloride
Concen: 17.537 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 84 Resp: 67809
Ion Ratio Lower Upper
84 100
49 126.9 91.9 137.9
51 39.8 29.0 43.6
86 66.0 49.1 73.7

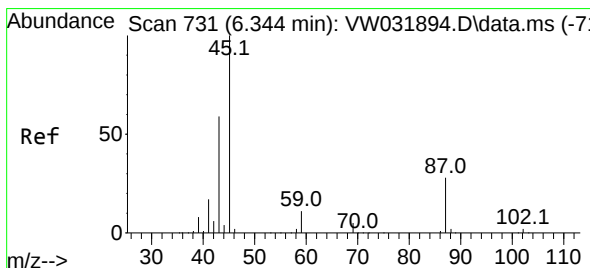
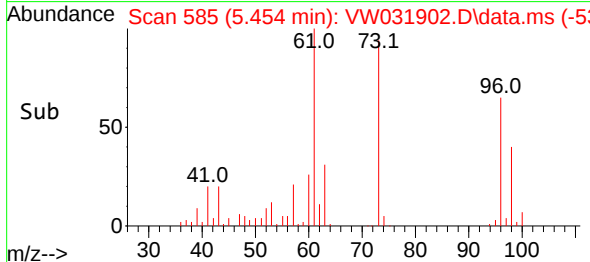
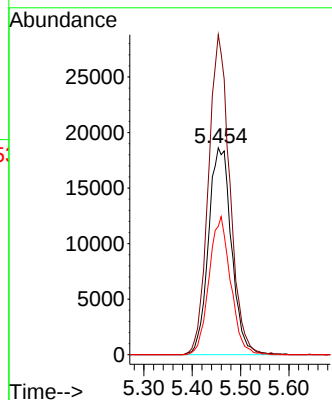
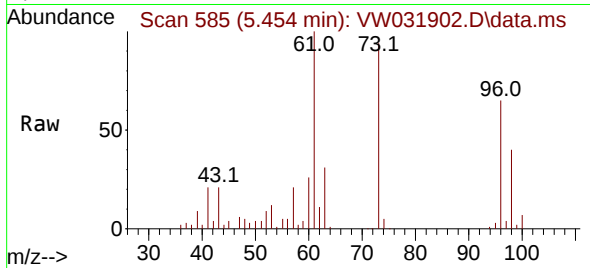




#21
trans-1,2-Dichloroethene
Concen: 20.308 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.012 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

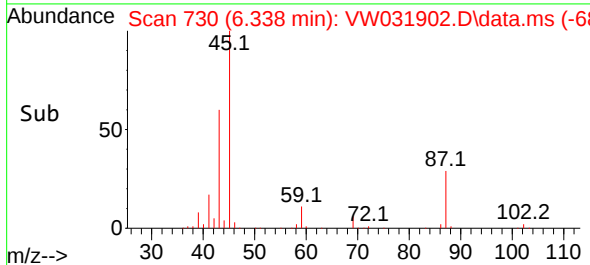
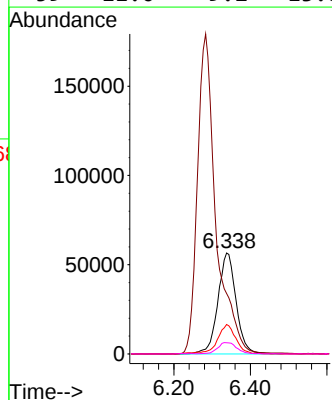
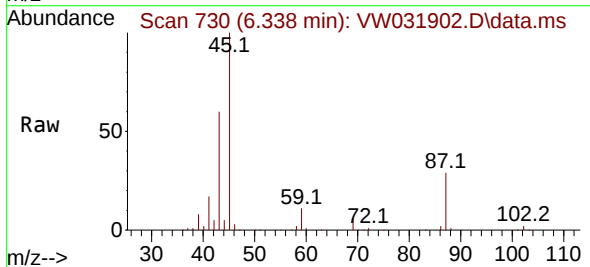
Instrument :
MSVOA_W
ClientSampleId :
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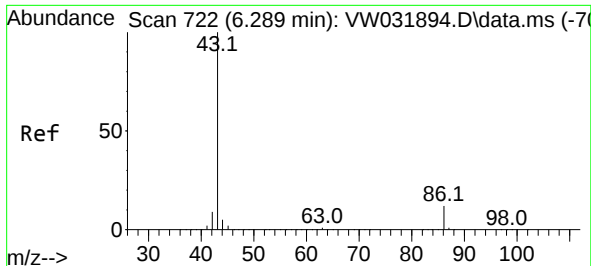
Tgt Ion: 96 Resp: 61722
Ion Ratio Lower Upper
96 100
61 154.6 112.8 169.2
98 62.0 51.9 77.9



#22
Diisopropyl ether
Concen: 20.905 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 45 Resp: 186539
Ion Ratio Lower Upper
45 100
43 59.7 47.0 70.6
87 29.2 22.8 34.2
59 11.0 9.2 13.8

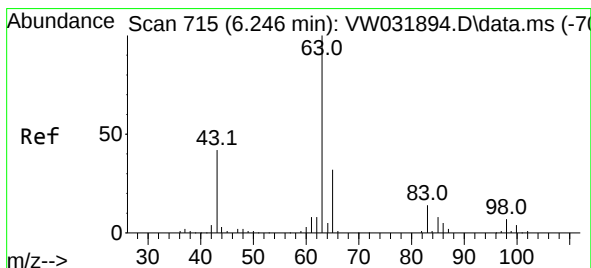
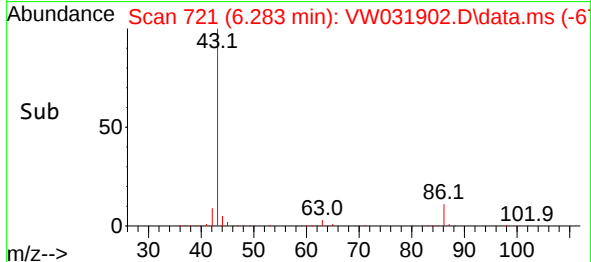
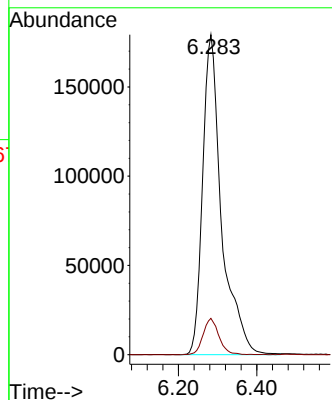
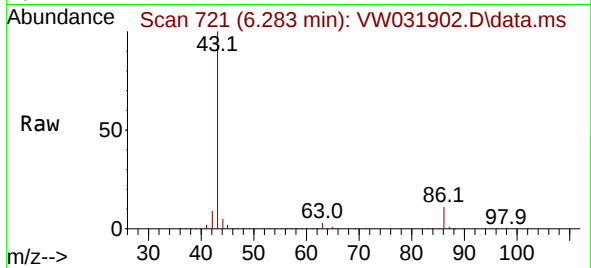




#23
 Vinyl Acetate
 Concen: 103.225 ug/l
 RT: 6.283 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

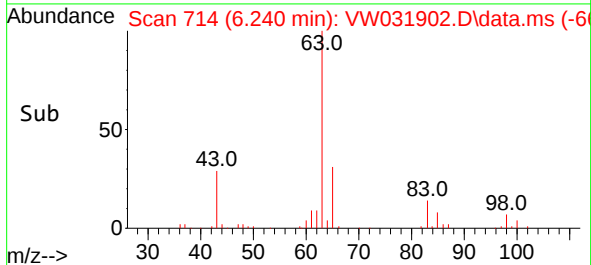
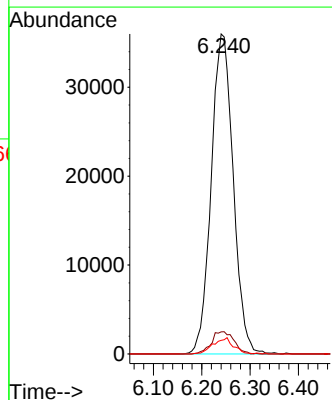
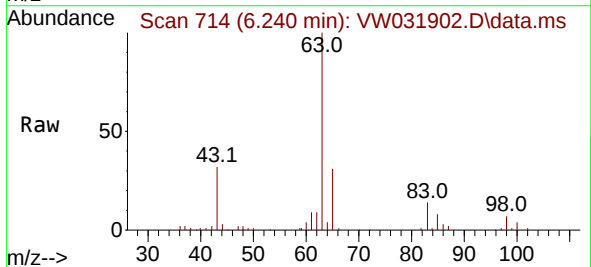
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

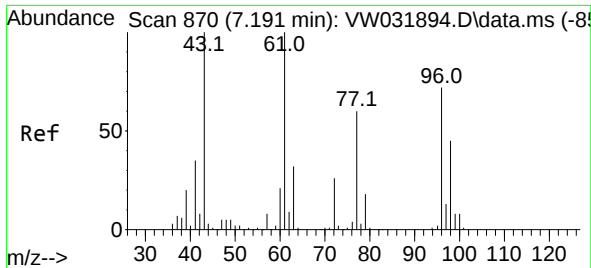
Tgt Ion: 43 Resp: 601759
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 20.485 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

Tgt Ion: 63 Resp: 113808
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.3 2.2 6.6

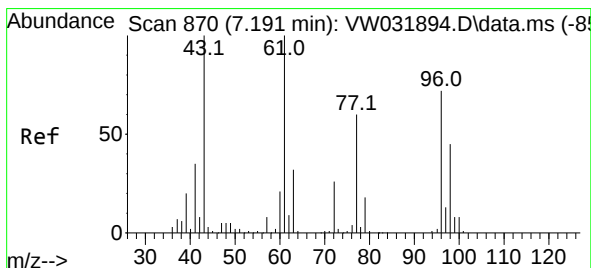
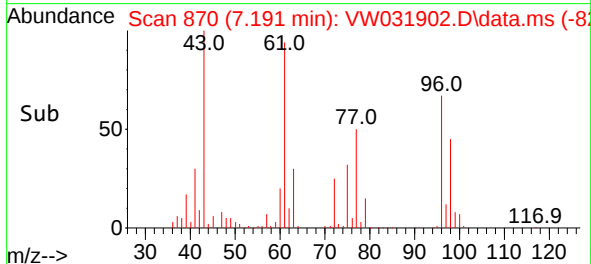
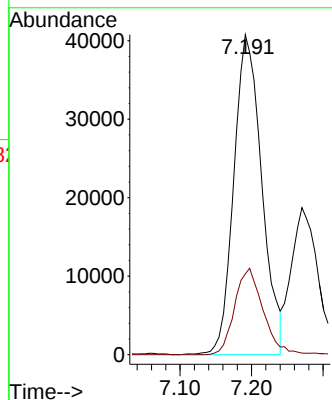
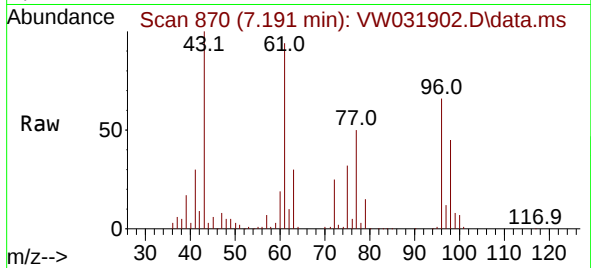




#25
2-Butanone
Concen: 105.030 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

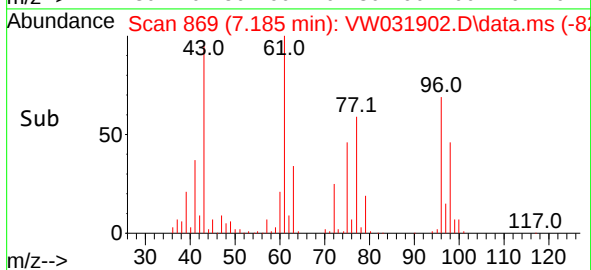
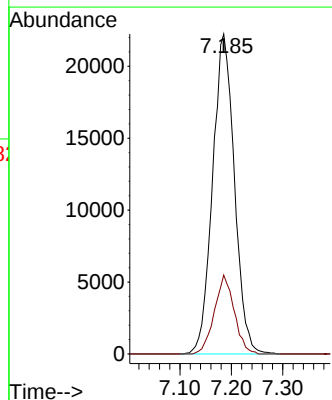
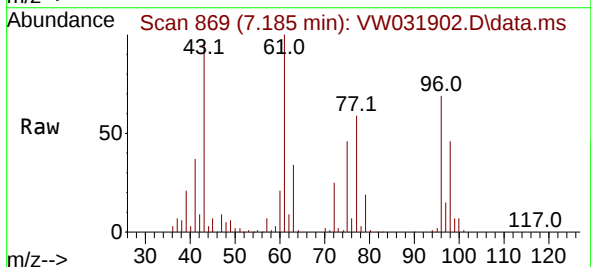
Instrument :
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ClientSampleId :
VW0723SBS01

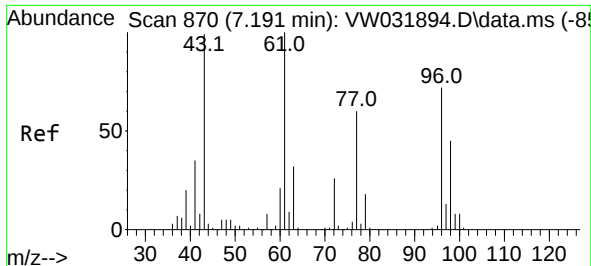
Tgt Ion: 43 Resp: 110822
Ion Ratio Lower Upper
43 100
72 25.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 20.860 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 77 Resp: 65609
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1

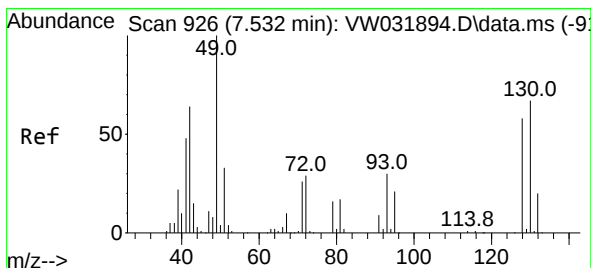
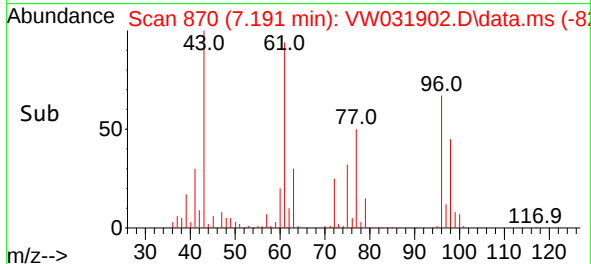
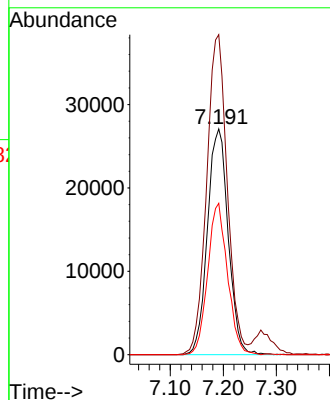
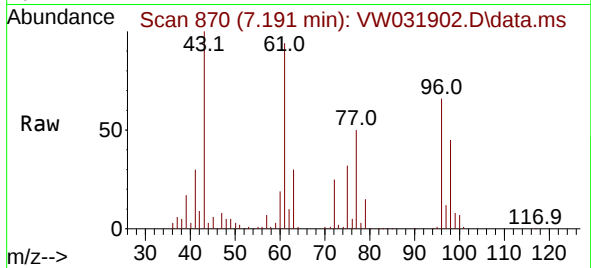




#27
 cis-1,2-Dichloroethene
 Concen: 20.641 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.000 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

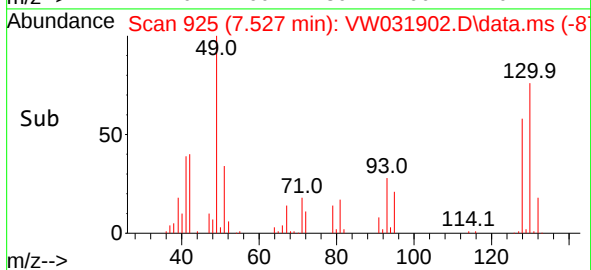
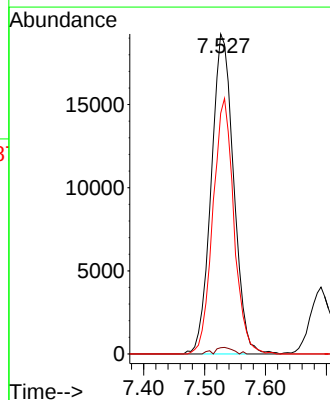
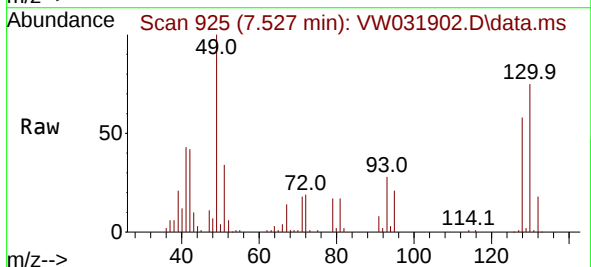
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

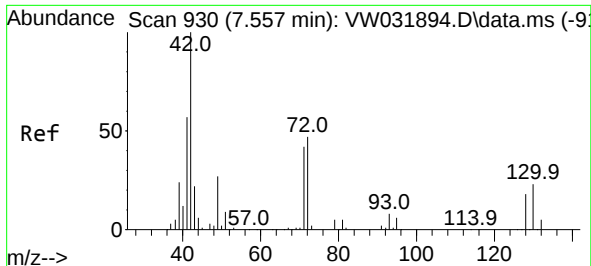
Tgt Ion: 96 Resp: 73754
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 280.2
 98 64.0 0.0 126.8



#28
 Bromochloromethane
 Concen: 21.130 ug/l
 RT: 7.527 min Scan# 925
 Delta R.T. -0.006 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

Tgt Ion: 49 Resp: 49151
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 74.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 108.860 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

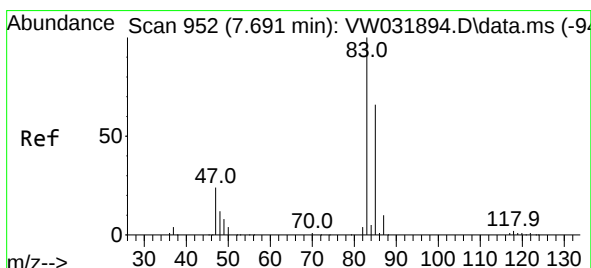
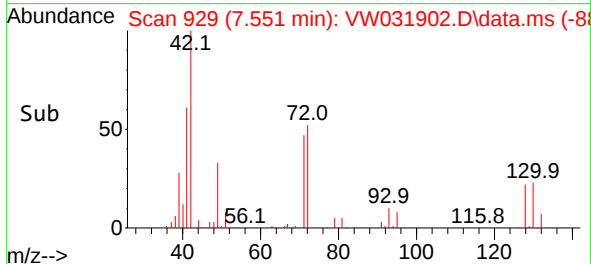
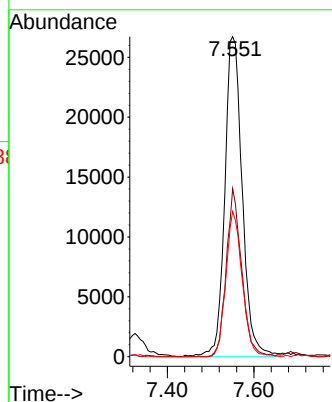
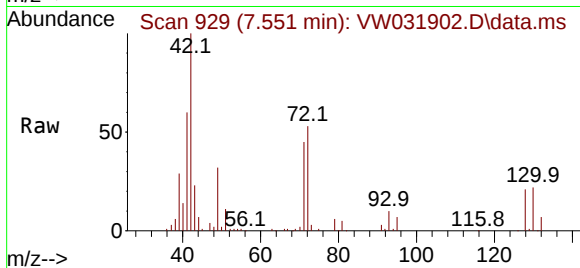
Tgt Ion: 42 Resp: 75307

Ion Ratio Lower Upper

42 100

72 46.0 37.0 55.6

71 42.6 34.5 51.7



#30

Chloroform

Concen: 20.886 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031902.D

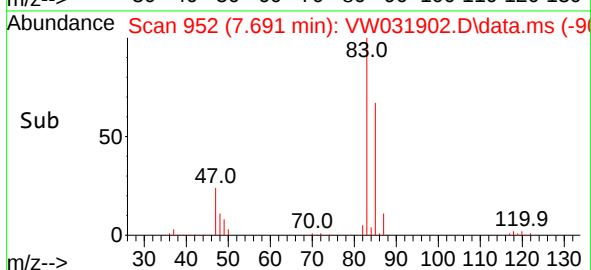
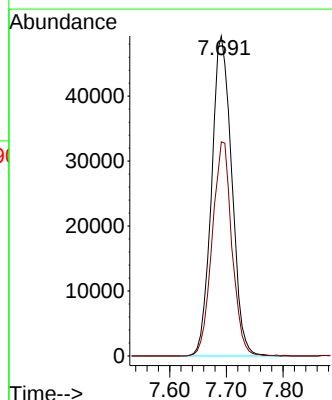
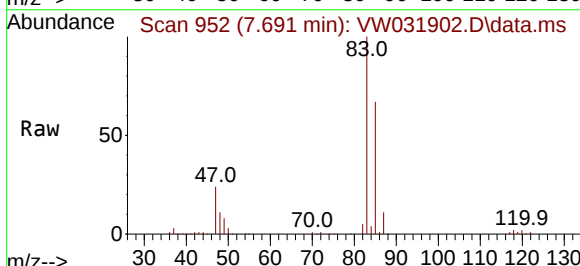
Acq: 23 Jul 2025 10:49

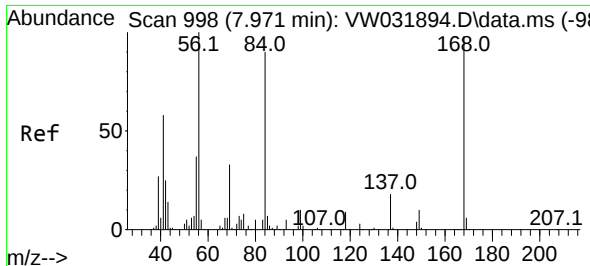
Tgt Ion: 83 Resp: 121663

Ion Ratio Lower Upper

83 100

85 66.9 52.6 78.8

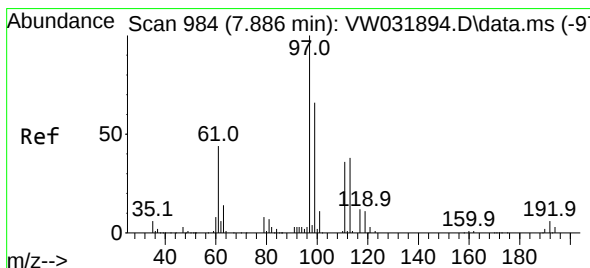
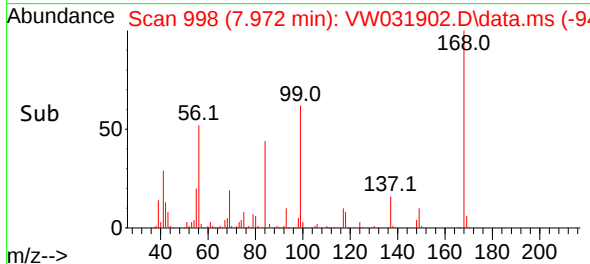
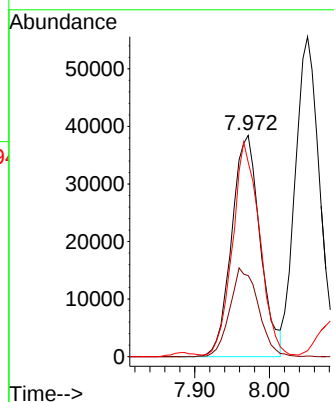
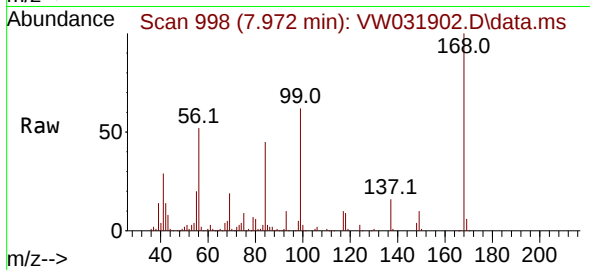




#31
Cyclohexane
Concen: 20.424 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

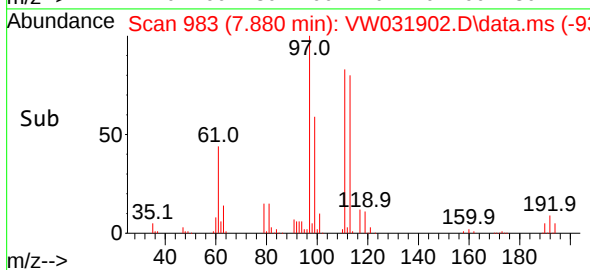
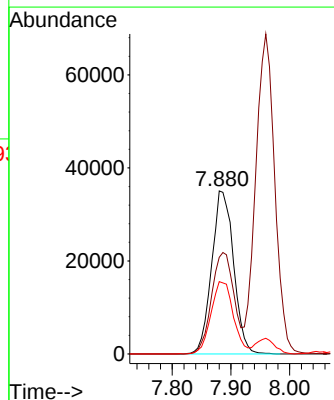
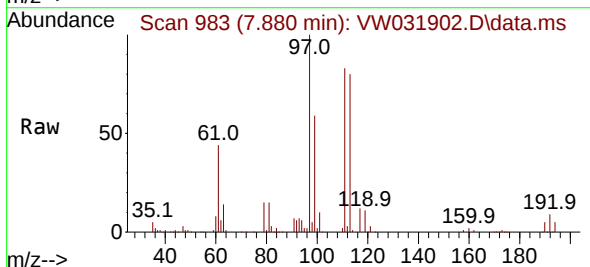
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

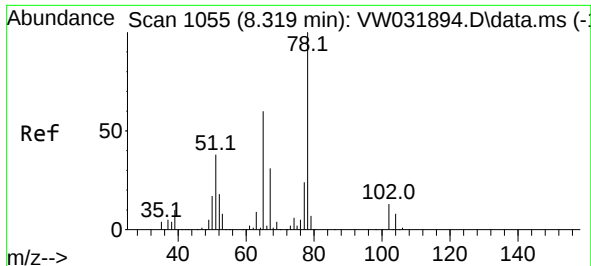
Tgt Ion: 56 Resp: 101800
Ion Ratio Lower Upper
56 100
69 36.7 26.7 40.1
84 86.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.880 min Scan# 983
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 97 Resp: 90776
Ion Ratio Lower Upper
97 100
99 63.0 53.0 79.4
61 45.3 35.4 53.0

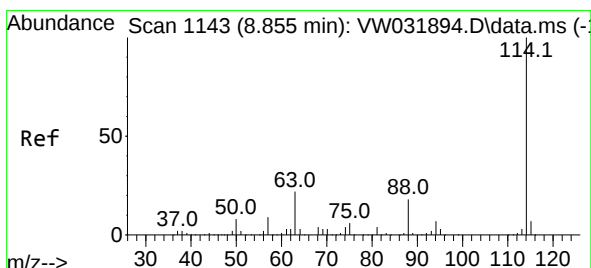
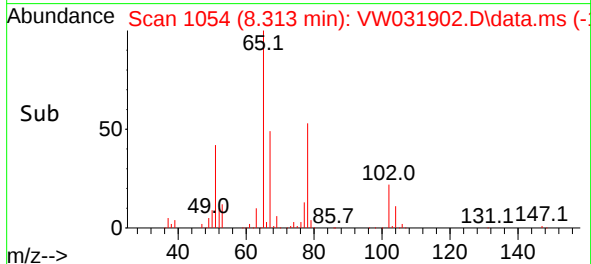
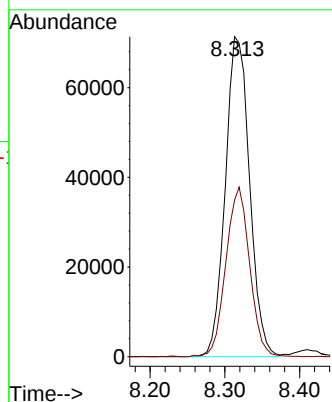
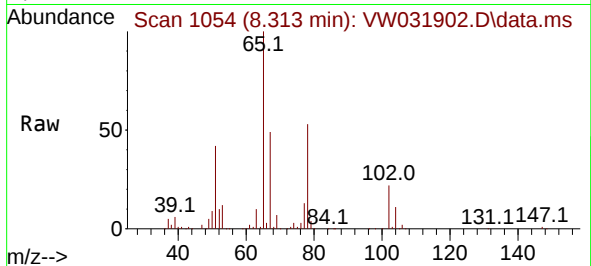




#33
1,2-Dichloroethane-d4
Concen: 49.635 ug/l
RT: 8.313 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

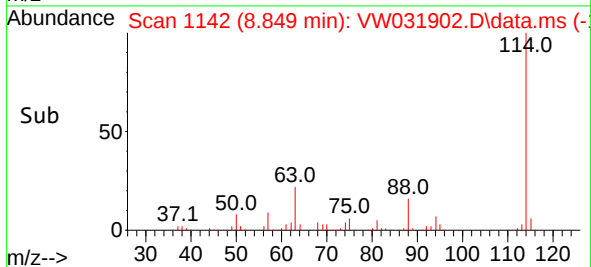
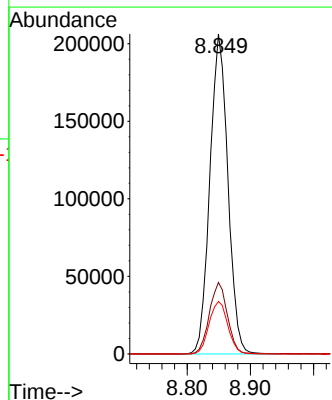
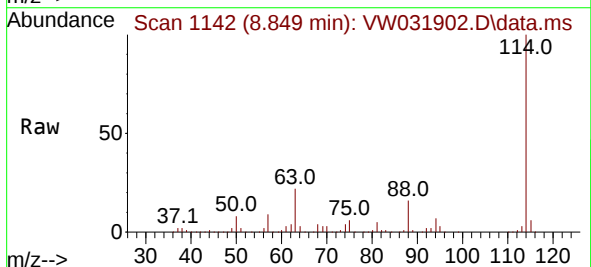
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

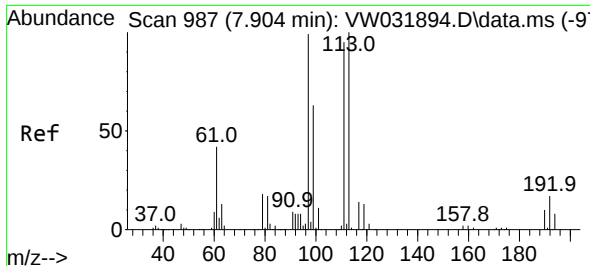
Tgt Ion: 65 Resp: 161308
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 114 Resp: 407809
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.2
88 16.4 0.0 35.6

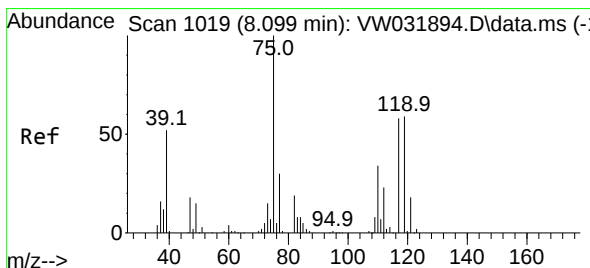
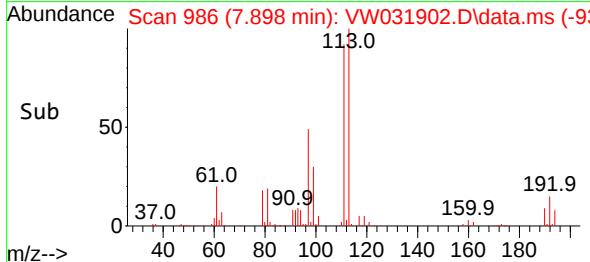
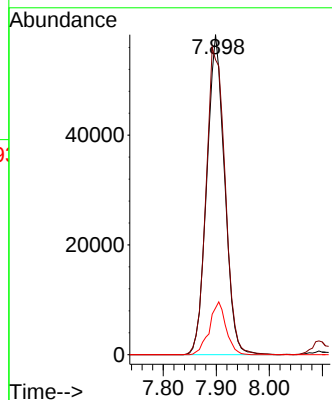
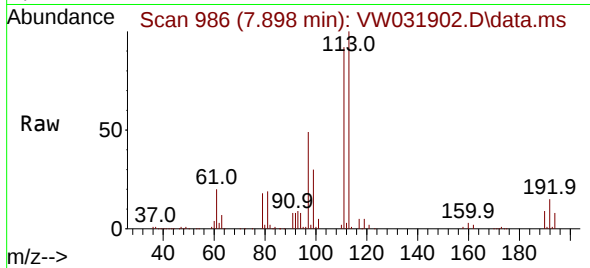




#35
Dibromofluoromethane
Concen: 49.169 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

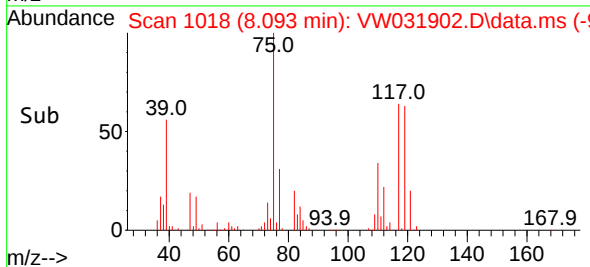
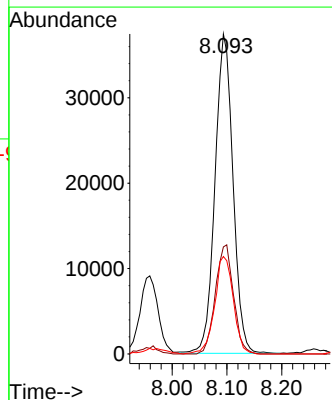
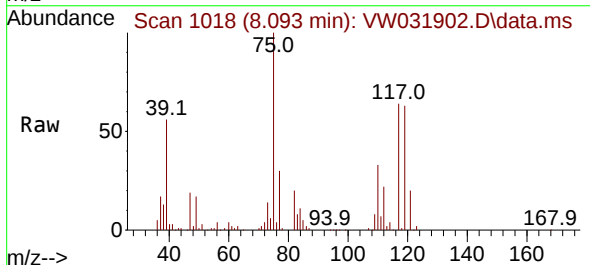
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

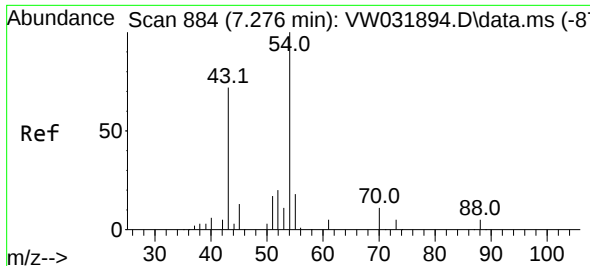
Tgt Ion:113 Resp: 136252
Ion Ratio Lower Upper
113 100
111 102.3 79.9 119.9
192 15.4 12.6 19.0



#36
1,1-Dichloropropene
Concen: 20.040 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 75 Resp: 85282
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 31.6 25.1 37.7

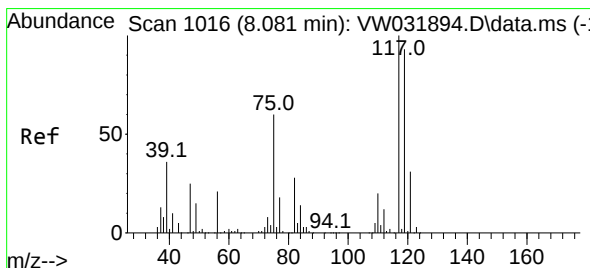
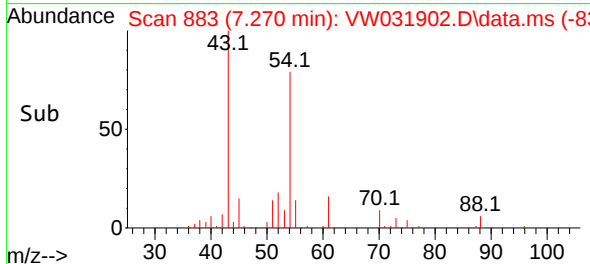
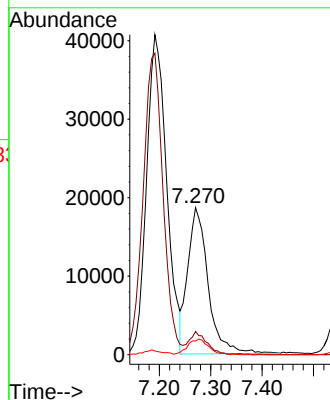
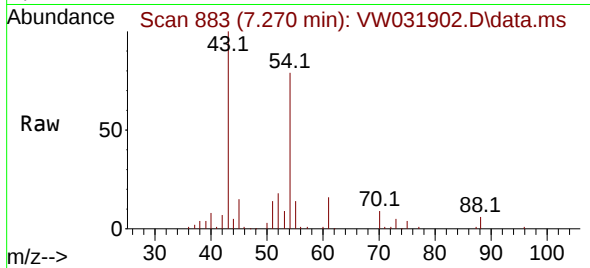




#37
Ethyl Acetate
Concen: 21.207 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

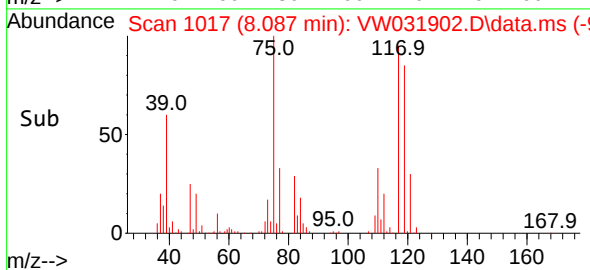
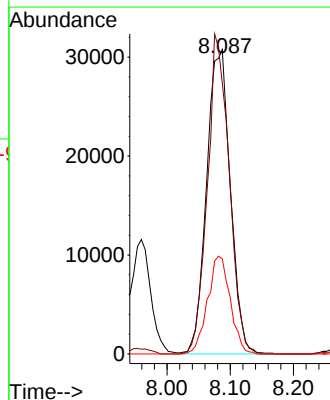
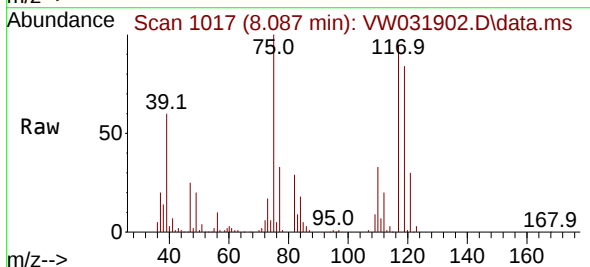
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

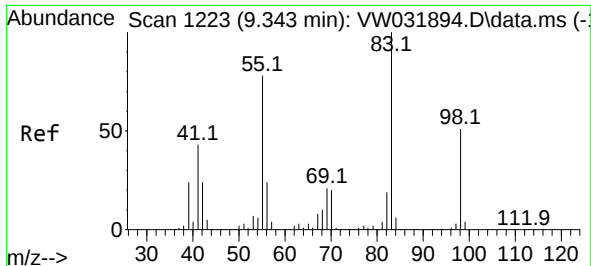
Tgt Ion:	43	Resp:	51484
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.6	15.8
70	10.8	9.0	13.4



#38
Carbon Tetrachloride
Concen: 19.651 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:	117	Resp:	80260
Ion	Ratio	Lower	Upper
117	100		
119	89.0	74.3	111.5
121	31.3	24.6	37.0





#39

Methylcyclohexane

Concen: 20.233 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

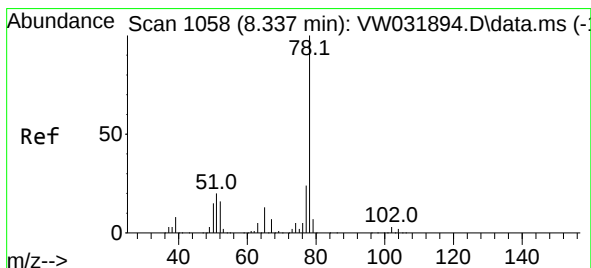
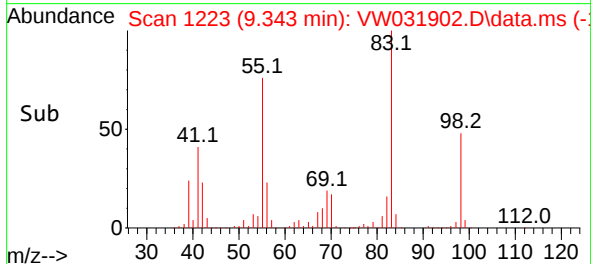
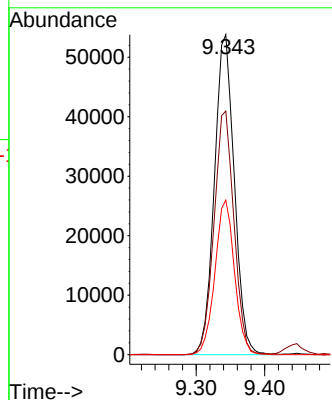
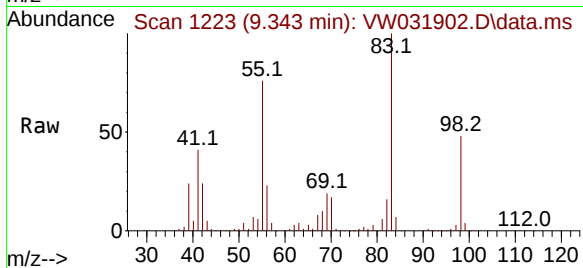
Tgt Ion: 83 Resp: 108360

Ion Ratio Lower Upper

83 100

55 76.1 62.5 93.7

98 48.3 40.6 61.0



#40

Benzene

Concen: 20.342 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031902.D

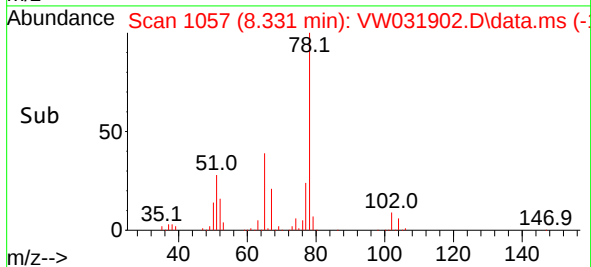
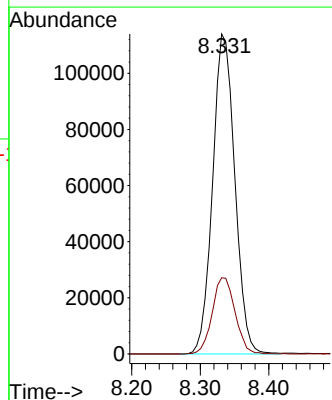
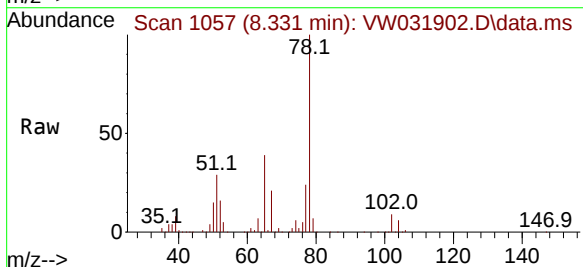
Acq: 23 Jul 2025 10:49

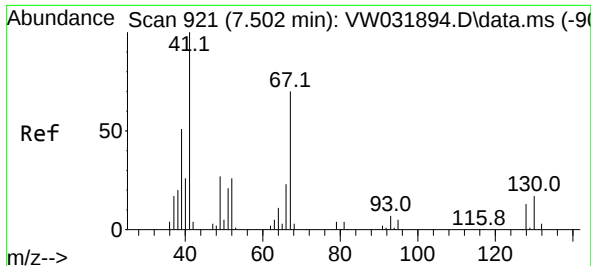
Tgt Ion: 78 Resp: 256266

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

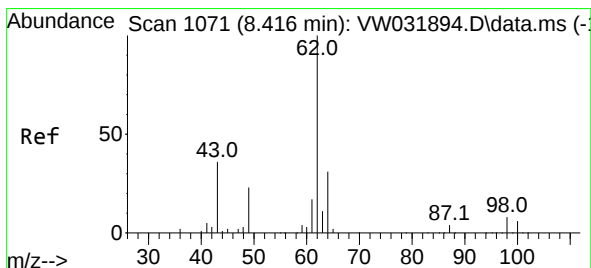
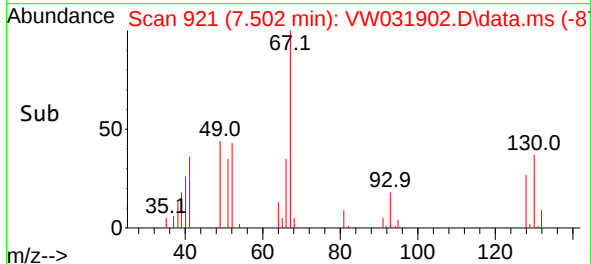
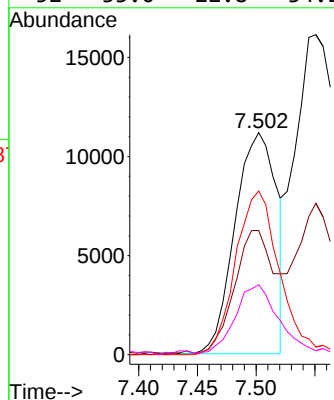
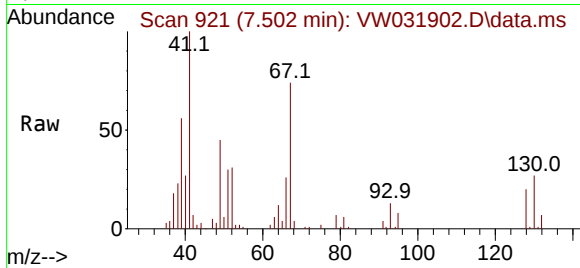




#41
Methacrylonitrile
Concen: 18.894 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

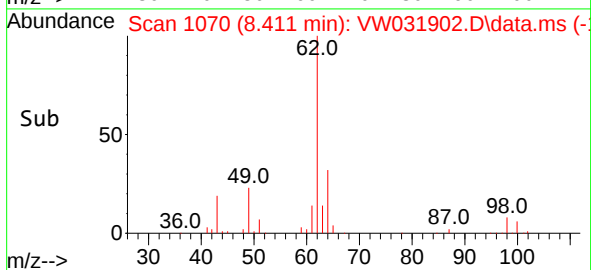
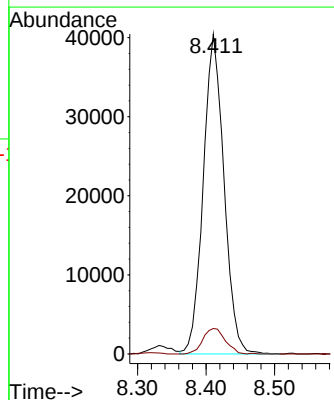
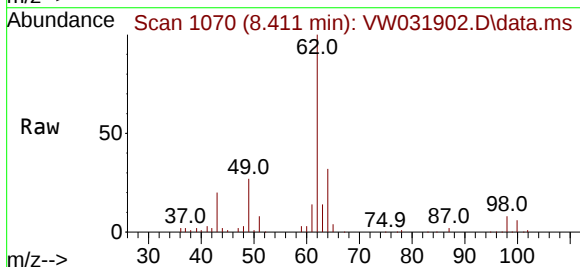
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

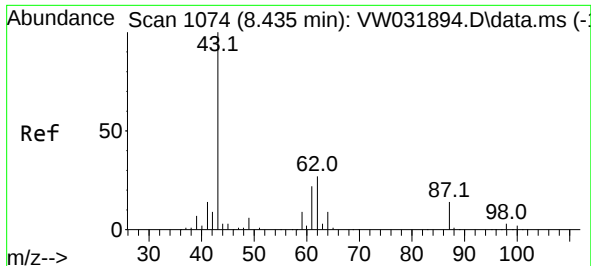
Tgt Ion:	41	Resp:	27457
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.1	61.7
67	78.7	56.2	84.4
52	33.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 21.124 ug/l
RT: 8.411 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:	62	Resp:	85166
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2

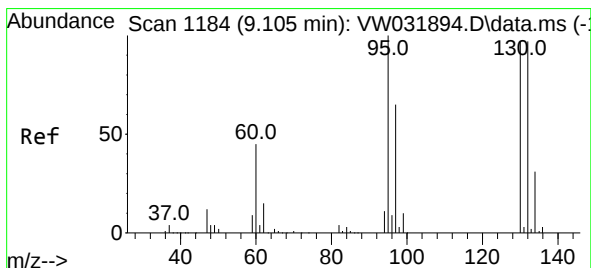
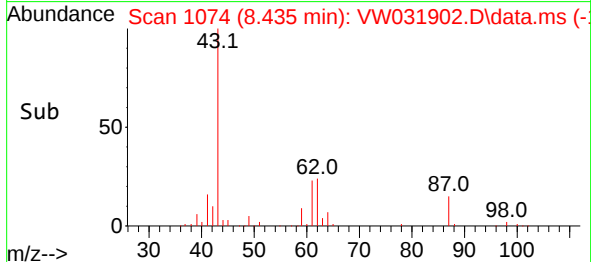
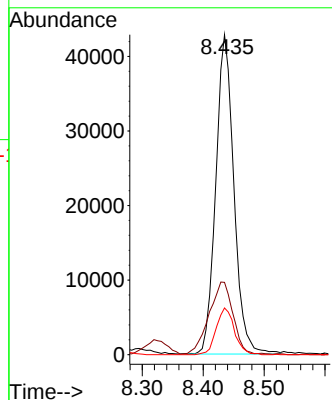
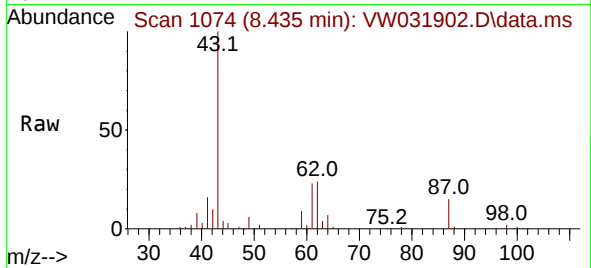




#43
Isopropyl Acetate
Concen: 20.146 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

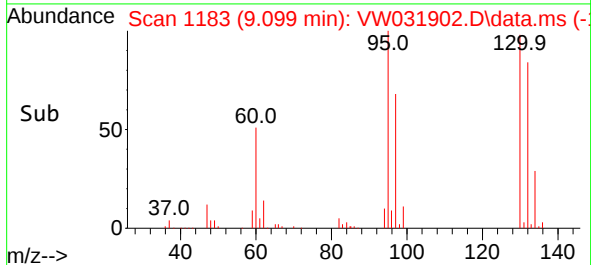
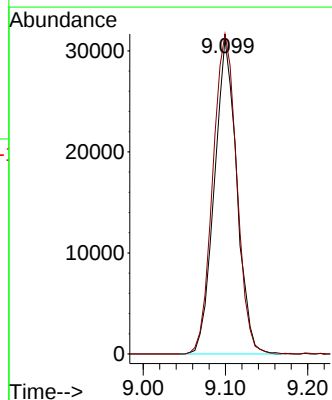
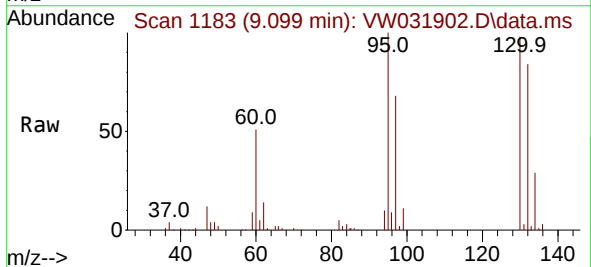
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

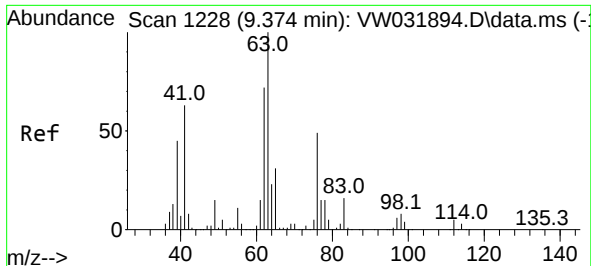
Tgt Ion: 43 Resp: 88539
Ion Ratio Lower Upper
43 100
61 29.7 24.0 36.0
87 14.7 11.1 16.7



#44
Trichloroethene
Concen: 19.760 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:130 Resp: 59168
Ion Ratio Lower Upper
130 100
95 101.5 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.389 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

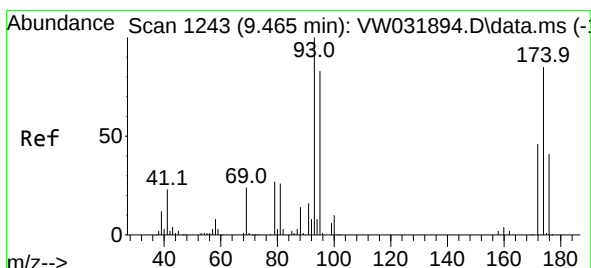
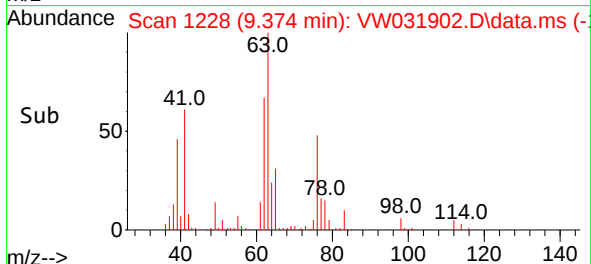
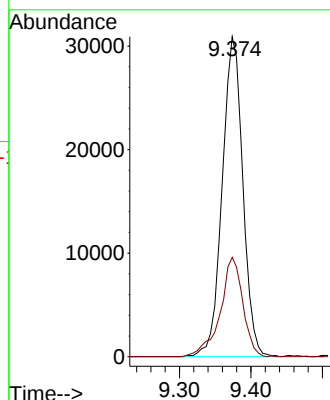
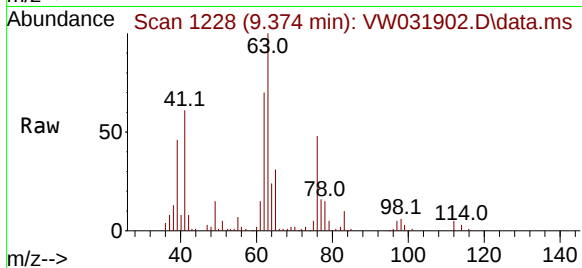
VW0723SBS01

Tgt Ion: 63 Resp: 61860

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4



#46

Dibromomethane

Concen: 21.035 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

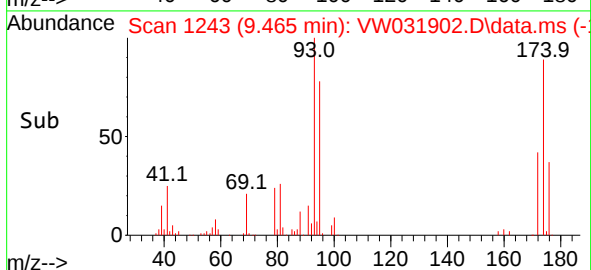
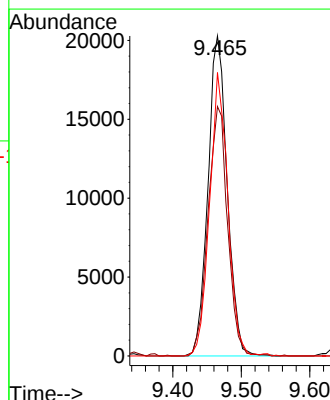
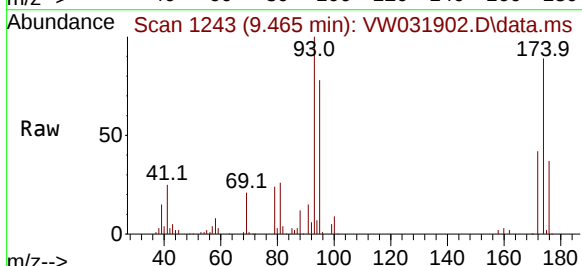
Tgt Ion: 93 Resp: 39561

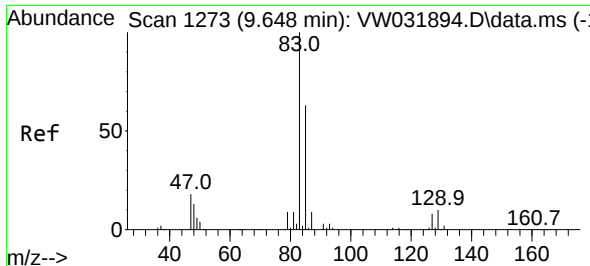
Ion Ratio Lower Upper

93 100

95 79.4 65.8 98.6

174 83.9 70.2 105.2

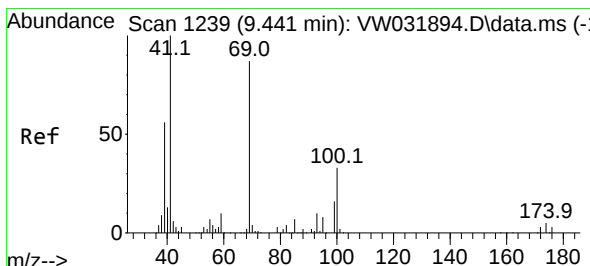
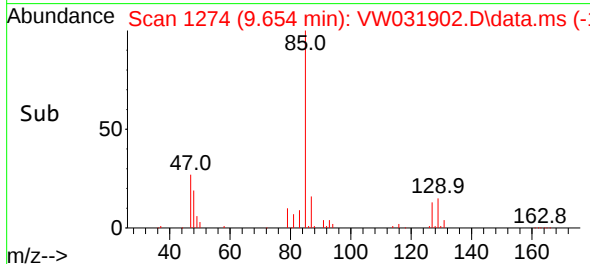
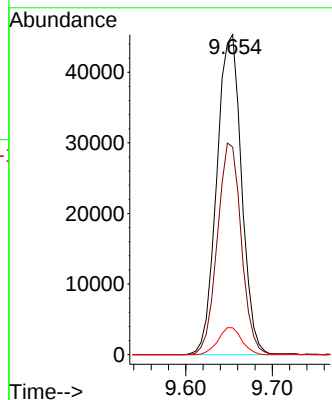
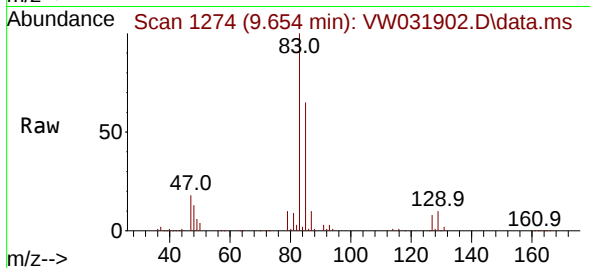




#47
Bromodichloromethane
Concen: 19.983 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

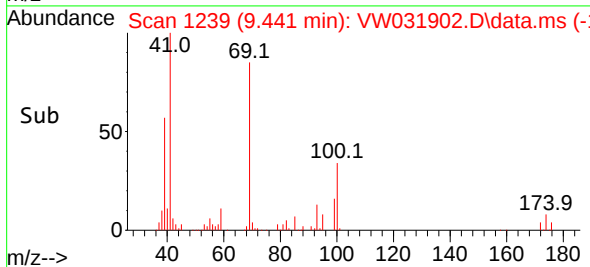
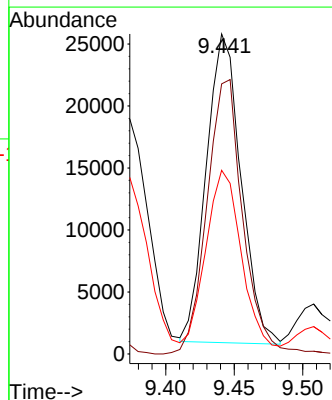
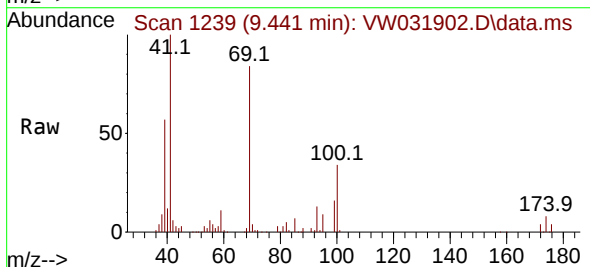
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

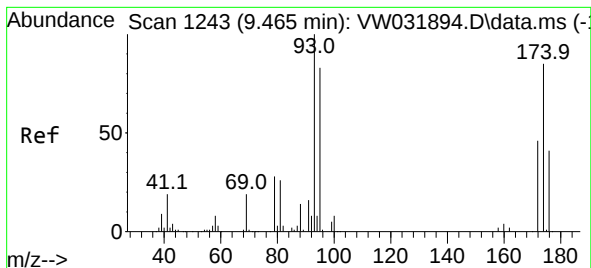
Tgt Ion: 83 Resp: 90117
Ion Ratio Lower Upper
83 100
85 64.8 50.6 76.0
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 20.925 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 41 Resp: 43751
Ion Ratio Lower Upper
41 100
69 92.4 73.6 110.4
39 57.2 45.5 68.3





#49

1,4-Dioxane

Concen: 436.475 ug/l

RT: 9.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

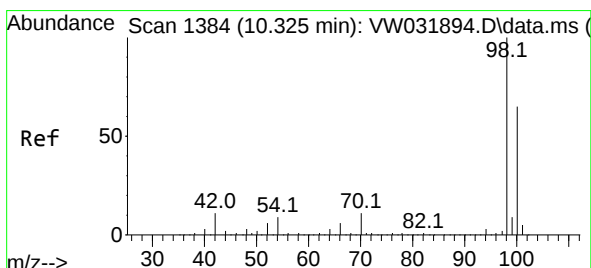
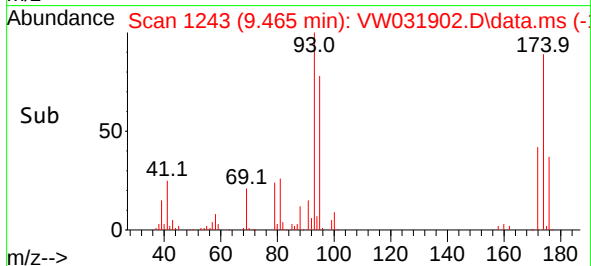
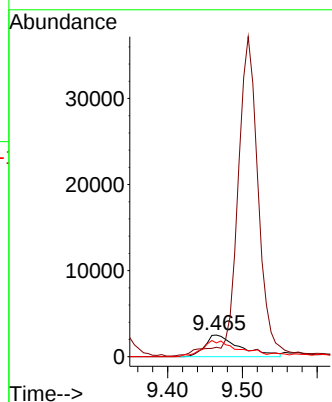
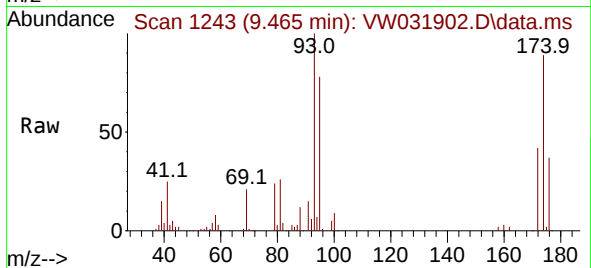
Tgt Ion: 88 Resp: 8191

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 77.0 58.2 87.2



#50

Toluene-d8

Concen: 47.548 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031902.D

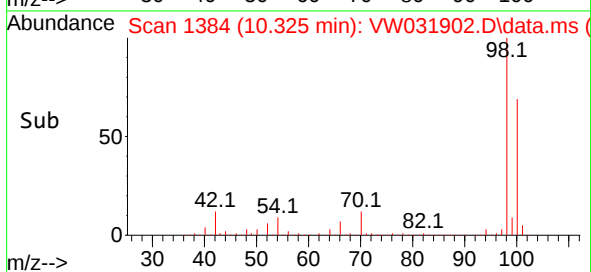
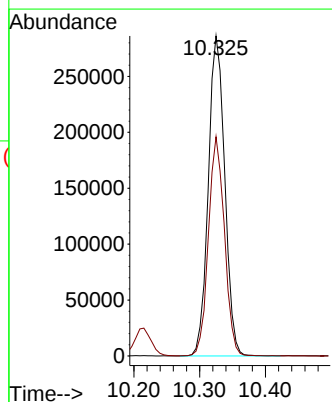
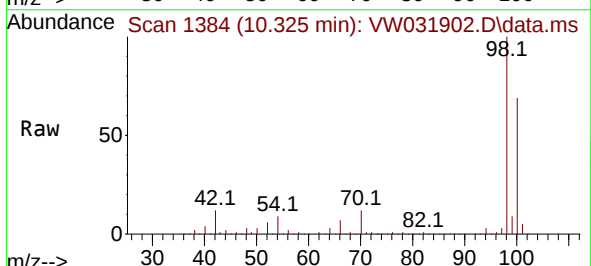
Acq: 23 Jul 2025 10:49

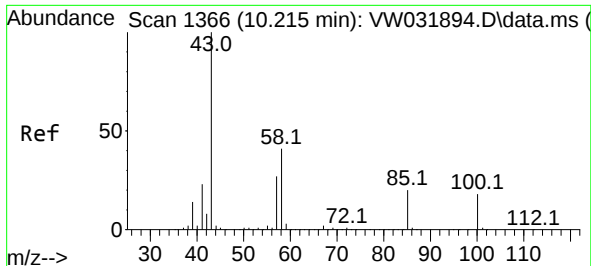
Tgt Ion: 98 Resp: 498677

Ion Ratio Lower Upper

98 100

100 66.5 51.7 77.5

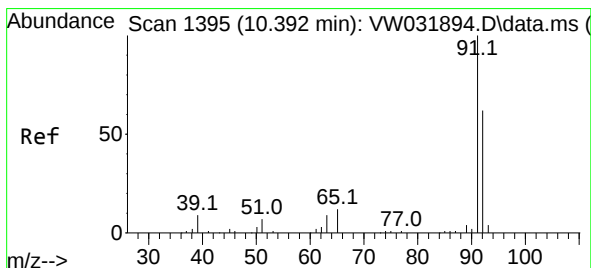
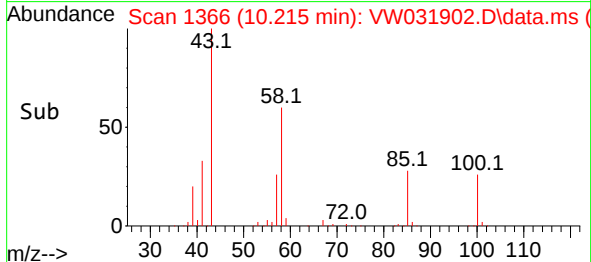
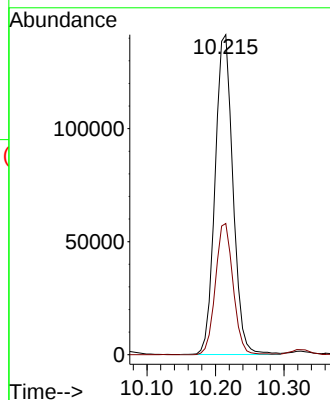
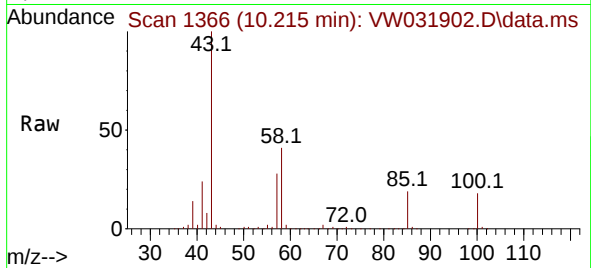




#51
4-Methyl-2-Pentanone
Concen: 106.462 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

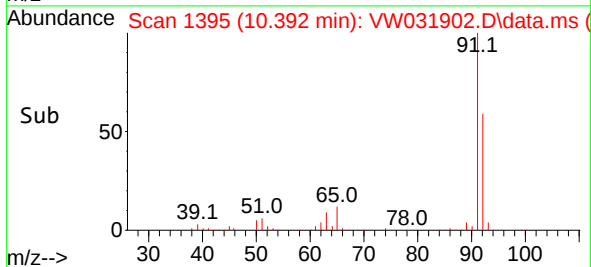
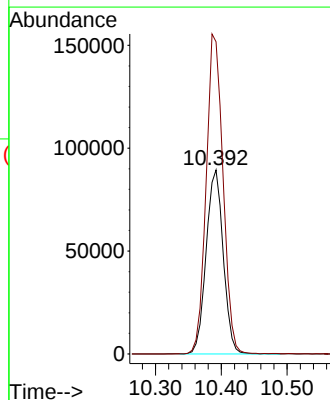
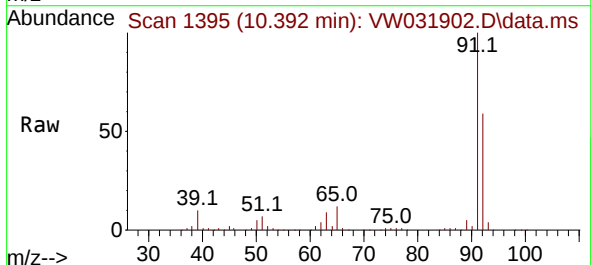
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

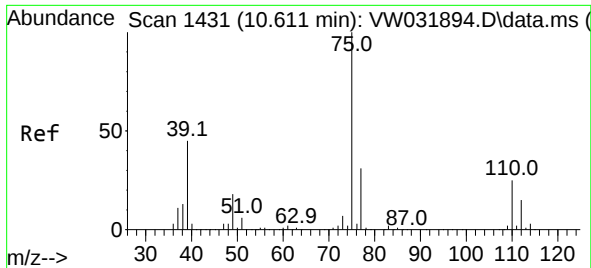
Tgt Ion: 43 Resp: 256062
Ion Ratio Lower Upper
43 100
58 40.6 32.8 49.2



#52
Toluene
Concen: 19.945 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 92 Resp: 161516
Ion Ratio Lower Upper
92 100
91 171.6 133.7 200.5

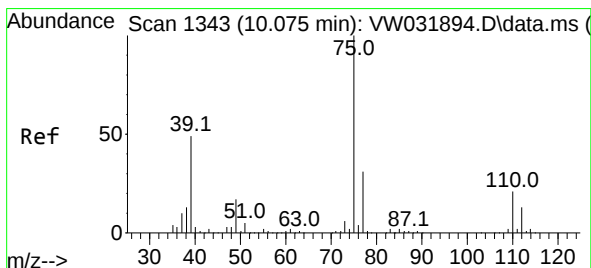
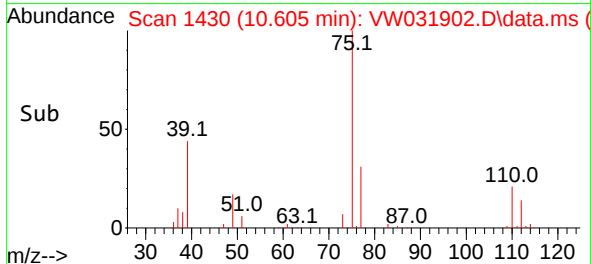
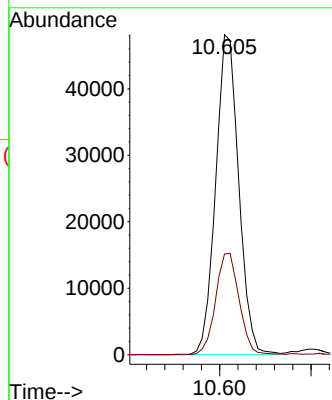
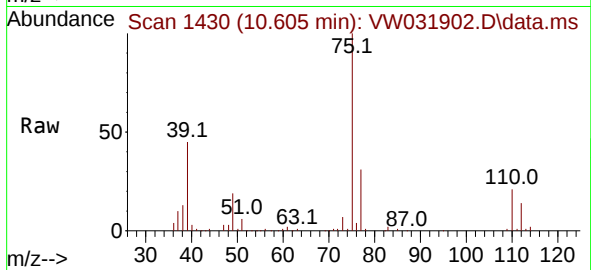




#53
t-1,3-Dichloropropene
Concen: 19.493 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

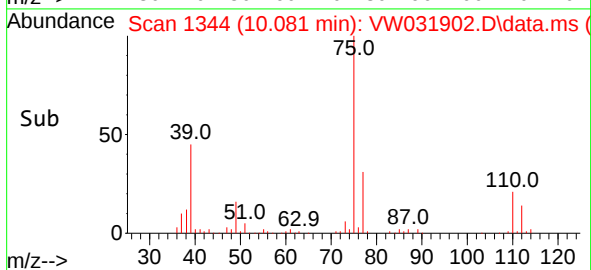
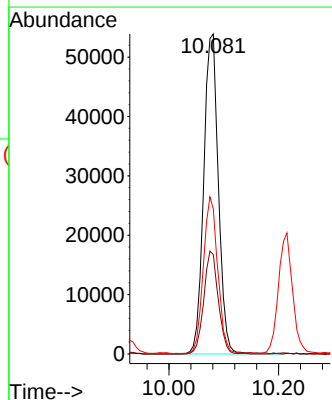
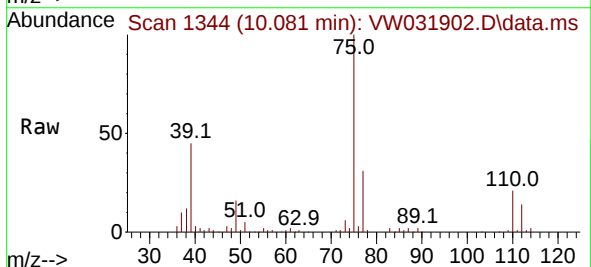
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

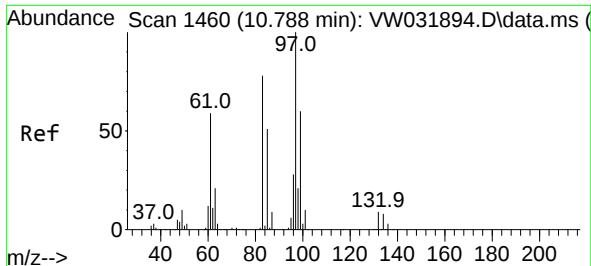
Tgt Ion: 75 Resp: 84329
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.244 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 75 Resp: 100009
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 45.1 39.3 58.9

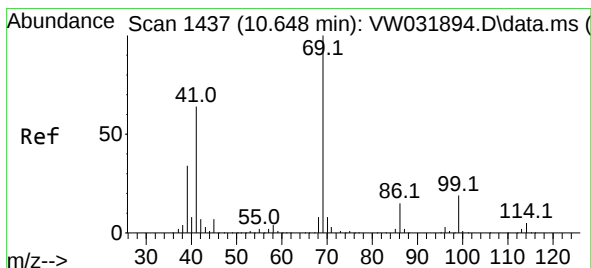
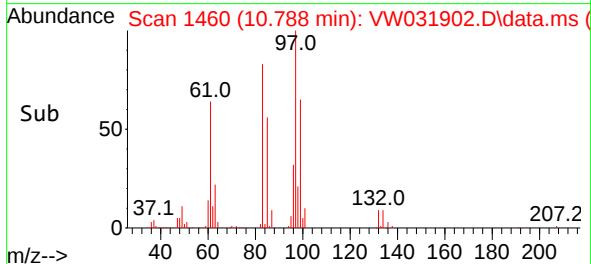
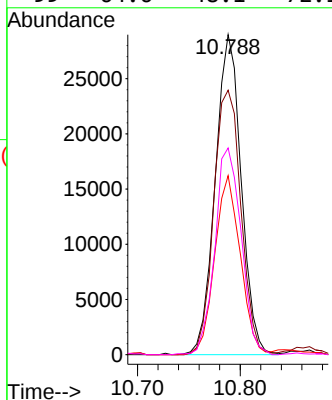
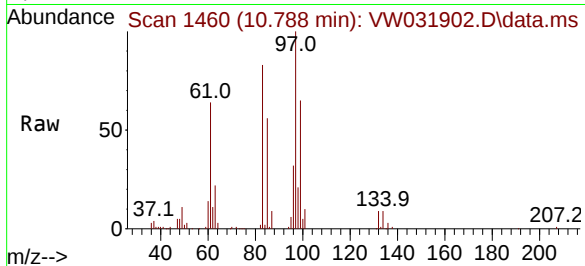




#55
1,1,2-Trichloroethane
Concen: 20.349 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

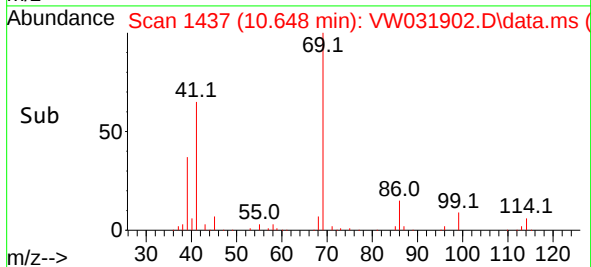
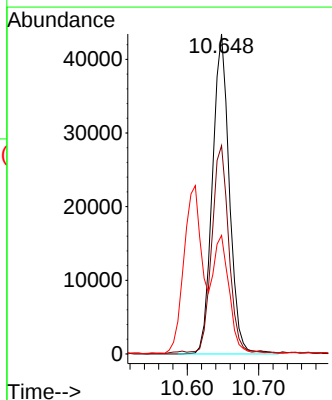
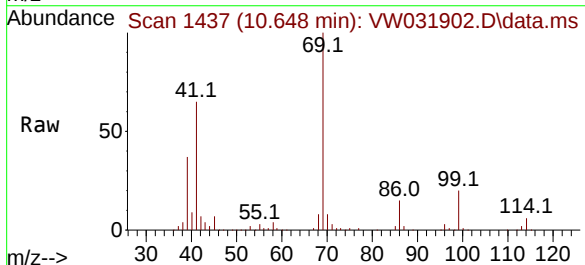
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

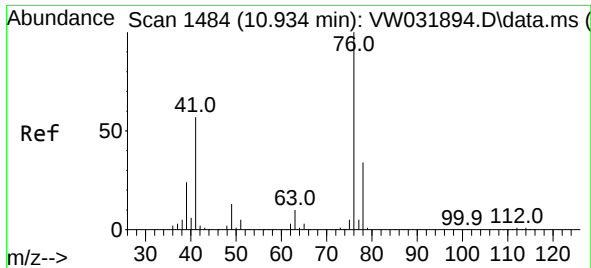
Tgt Ion:	97	Resp:	50835
Ion	Ratio	Lower	Upper
97	100		
83	82.6	62.4	93.6
85	55.9	41.0	61.6
99	64.6	48.1	72.1



#56
Ethyl methacrylate
Concen: 20.192 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:	69	Resp:	71241
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.0	78.0
39	34.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 21.172 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

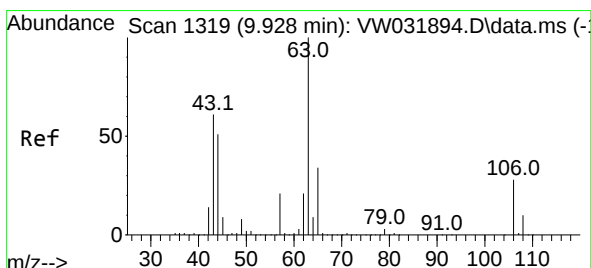
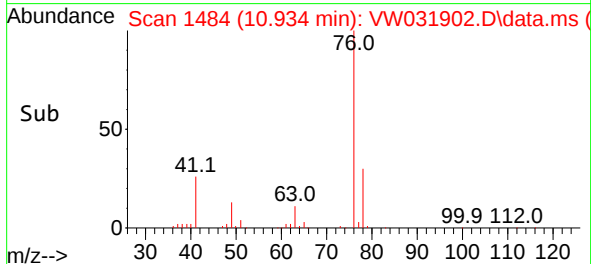
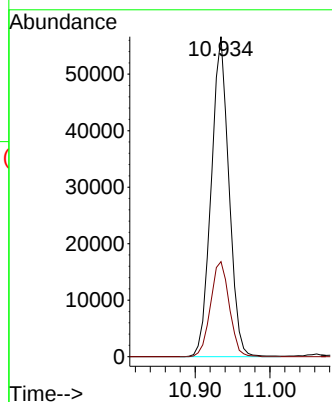
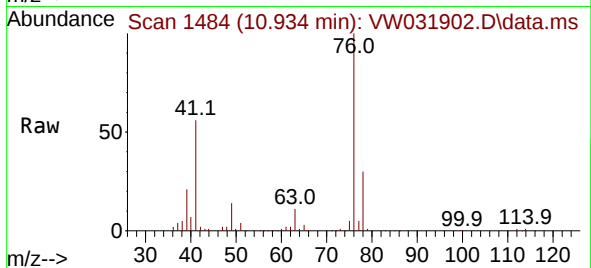
VW0723SBS01

Tgt Ion: 76 Resp: 93181

Ion Ratio Lower Upper

76 100

78 31.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 104.229 ug/l

RT: 9.929 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031902.D

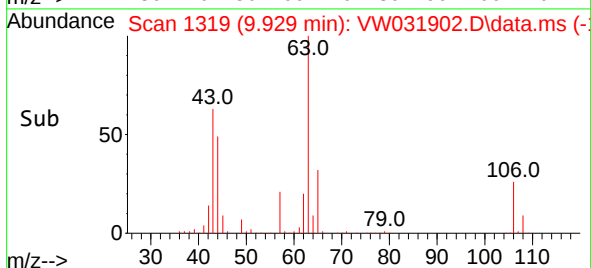
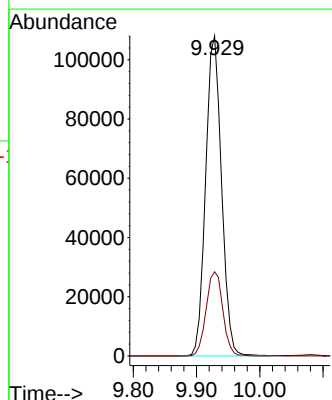
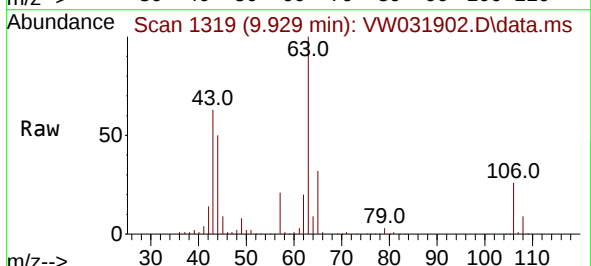
Acq: 23 Jul 2025 10:49

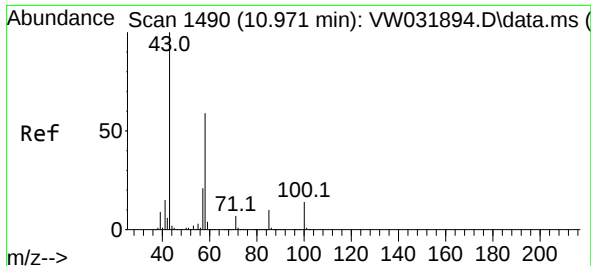
Tgt Ion: 63 Resp: 188891

Ion Ratio Lower Upper

63 100

106 27.6 22.7 34.1

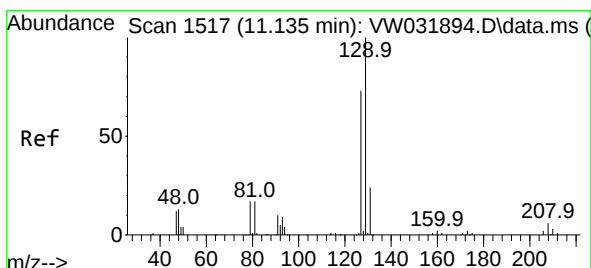
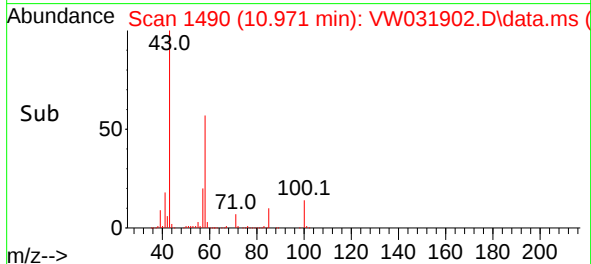
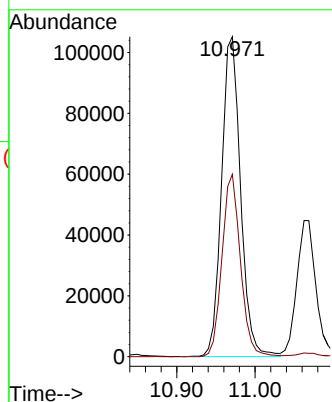
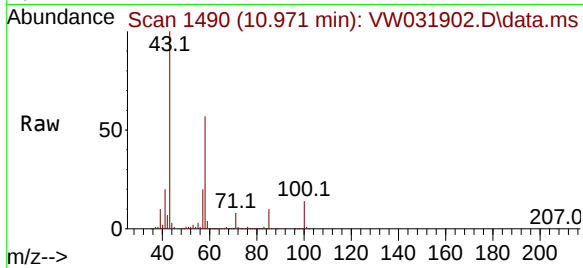




#59
2-Hexanone
Concen: 106.155 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

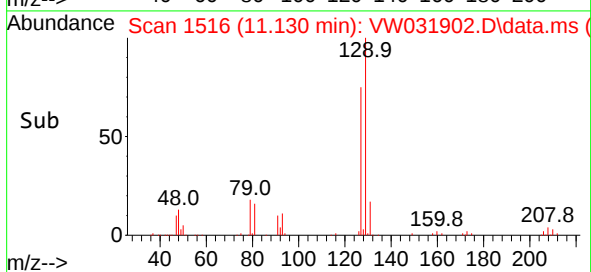
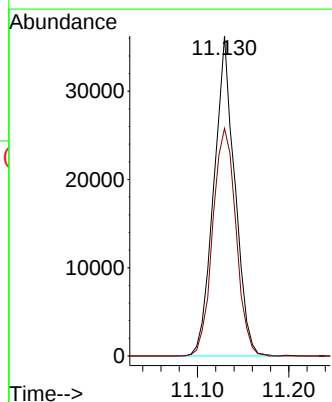
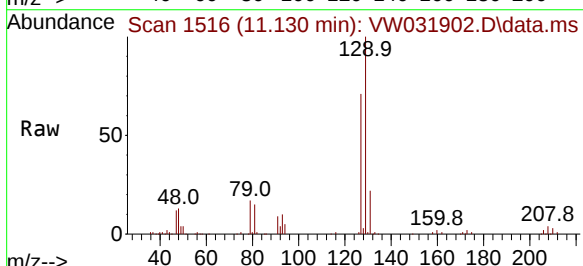
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

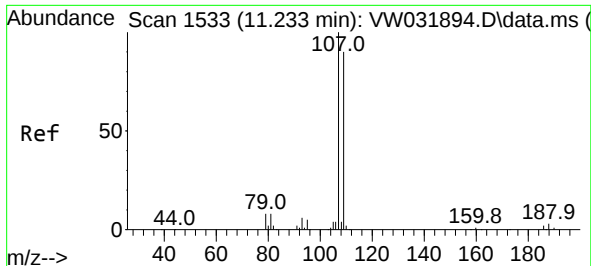
Tgt Ion: 43 Resp: 177475
Ion Ratio Lower Upper
43 100
58 55.4 28.5 85.6



#60
Dibromochloromethane
Concen: 19.828 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 129 Resp: 57752
Ion Ratio Lower Upper
129 100
127 78.8 39.6 118.8

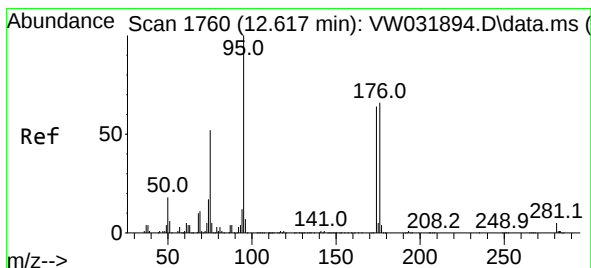
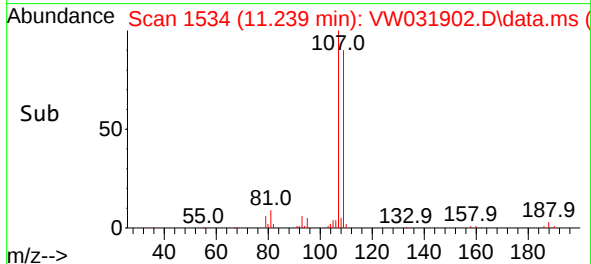
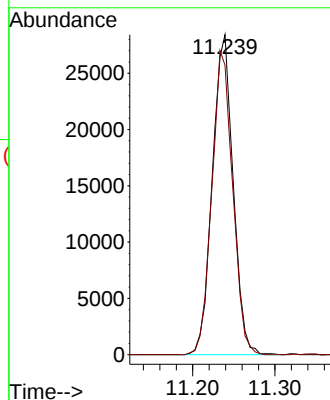
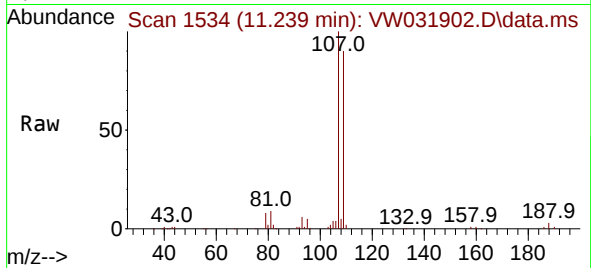




#61
1,2-Dibromoethane
Concen: 20.174 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

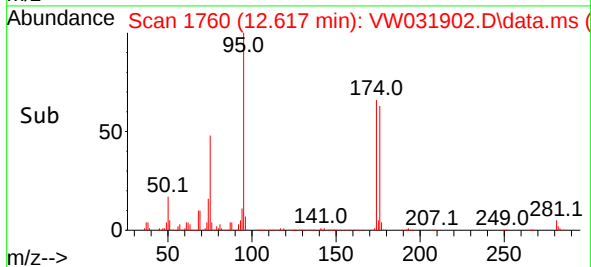
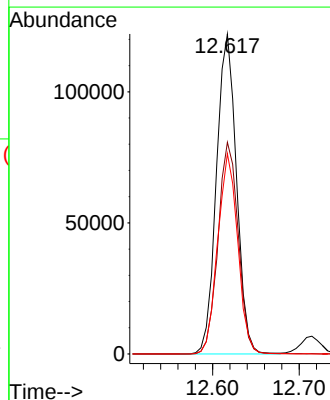
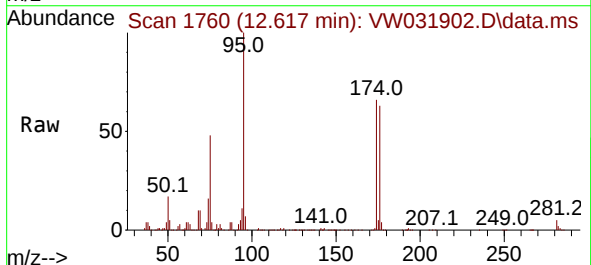
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

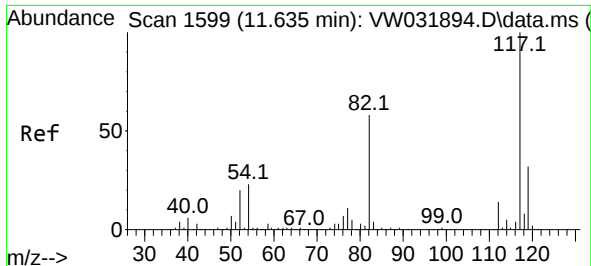
Tgt Ion:107 Resp: 49800
Ion Ratio Lower Upper
107 100
109 95.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.664 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 95 Resp: 195974
Ion Ratio Lower Upper
95 100
174 66.9 0.0 129.8
176 62.5 0.0 130.4

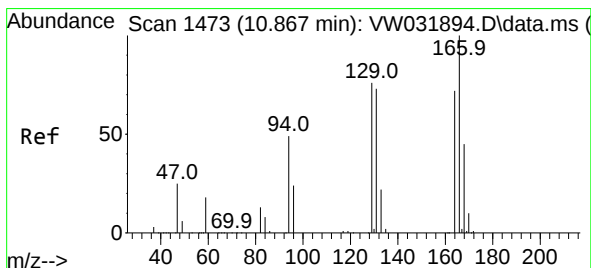
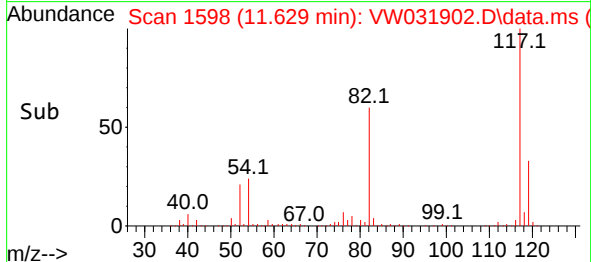
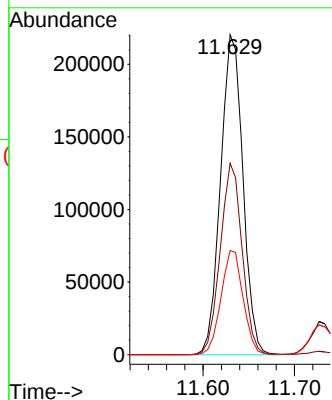
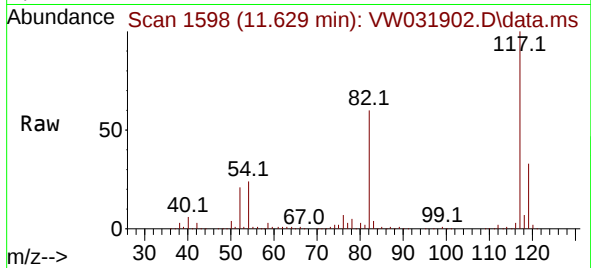




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

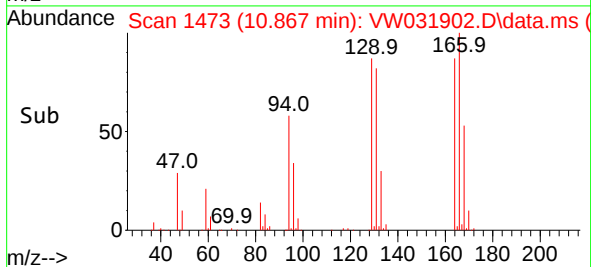
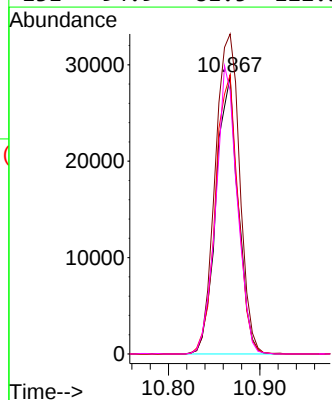
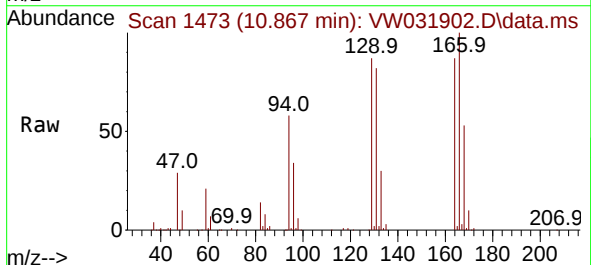
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

Tgt Ion:117 Resp: 374942
Ion Ratio Lower Upper
117 100
82 59.8 46.5 69.7
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 19.614 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:164 Resp: 48486
Ion Ratio Lower Upper
164 100
166 115.4 111.5 167.3
129 100.7 85.1 127.7
131 94.9 81.5 122.3

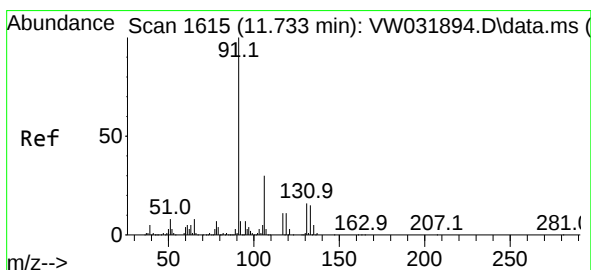
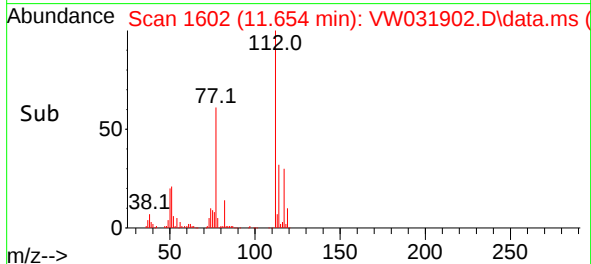
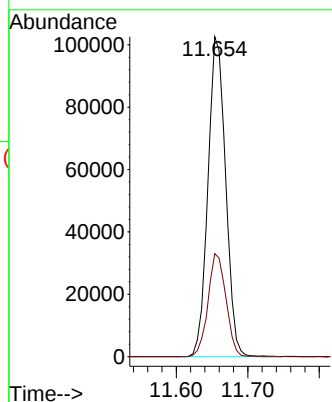
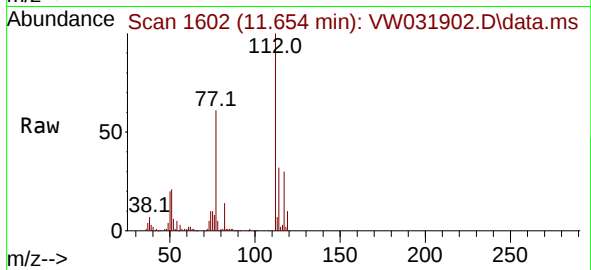




#65
Chlorobenzene
Concen: 19.186 ug/l
RT: 11.654 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

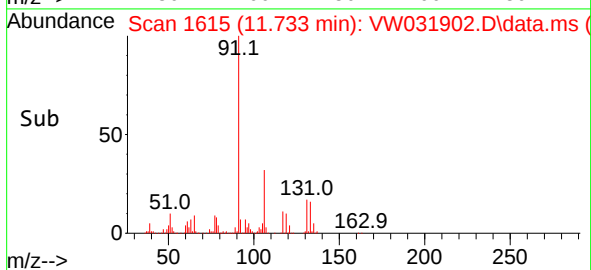
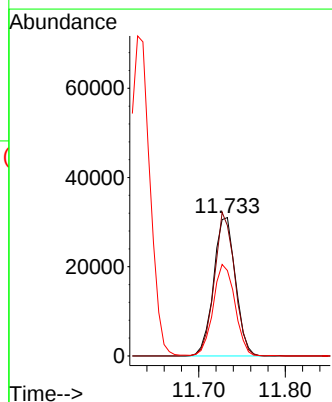
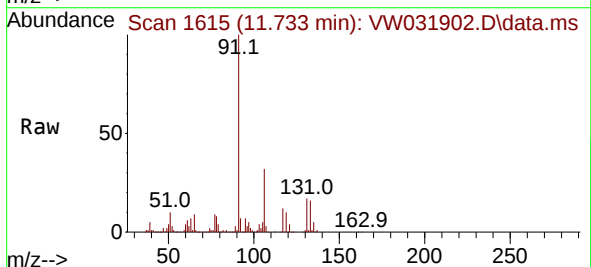
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

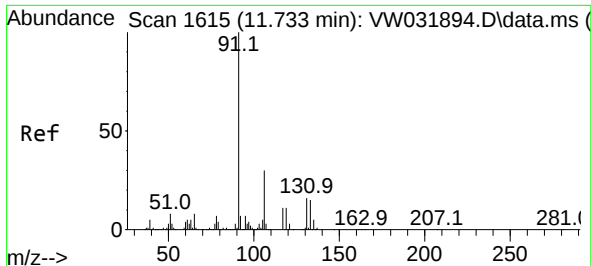
Tgt Ion:112 Resp: 176060
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.180 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:131 Resp: 54564
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 65.7 33.7 101.1





#67

Ethyl Benzene

Concen: 19.042 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

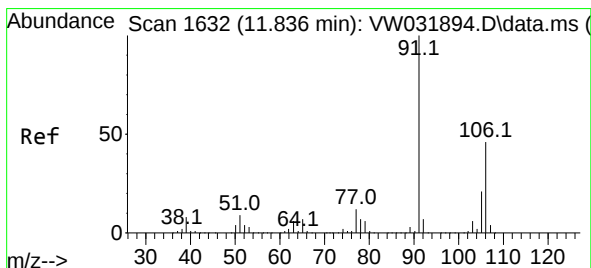
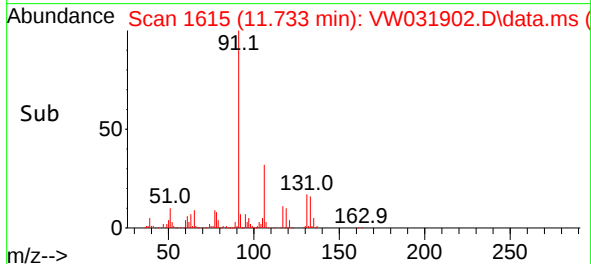
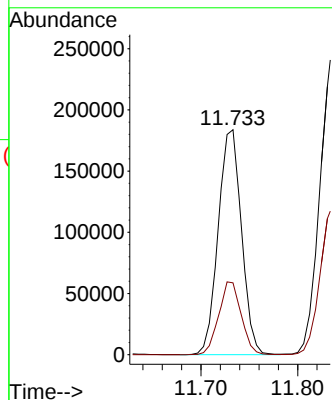
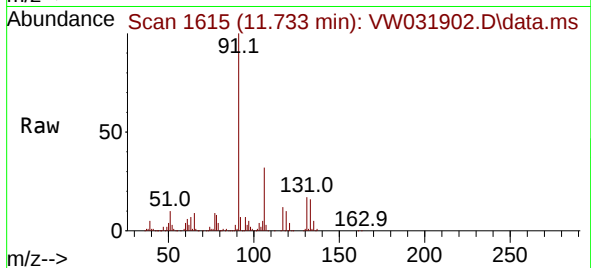
VW0723SBS01

Tgt Ion: 91 Resp: 307016

Ion Ratio Lower Upper

91 100

106 31.9 23.8 35.6



#68

m/p-Xylenes

Concen: 39.064 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031902.D

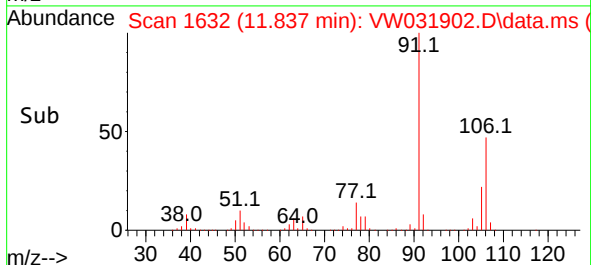
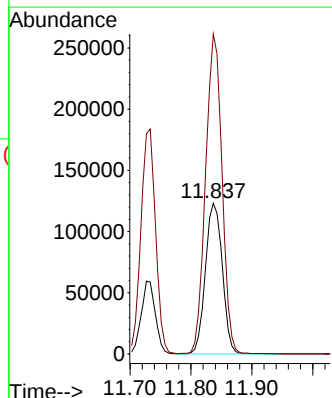
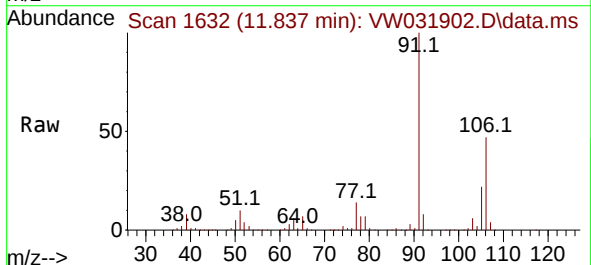
Acq: 23 Jul 2025 10:49

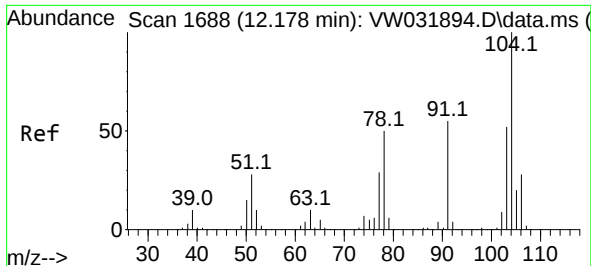
Tgt Ion:106 Resp: 237104

Ion Ratio Lower Upper

106 100

91 207.1 167.7 251.5

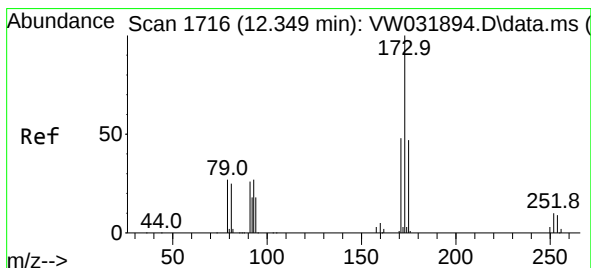
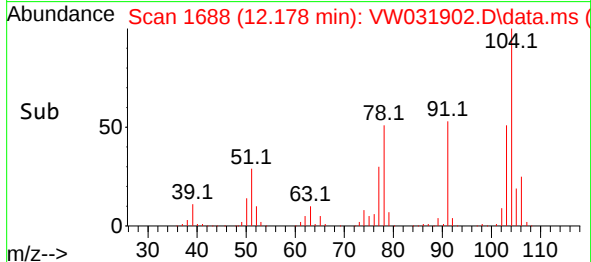
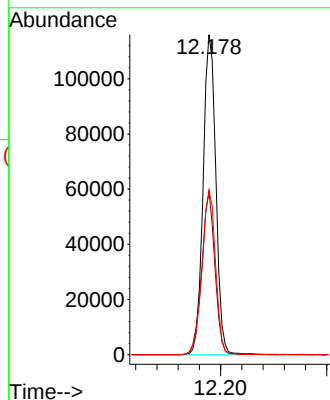
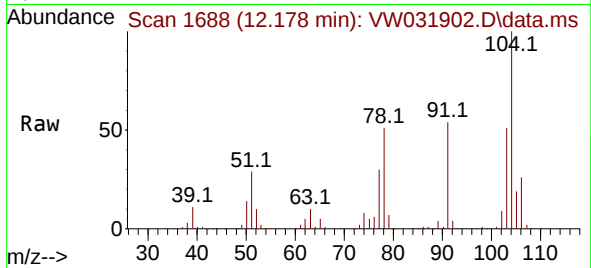




#70
Styrene
Concen: 19.797 ug/l
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

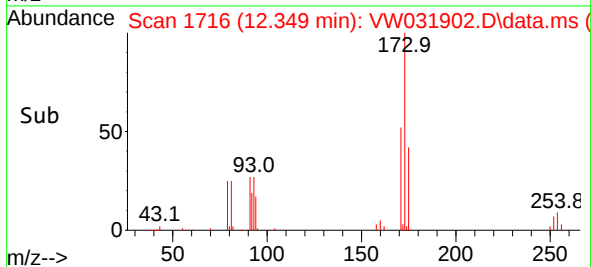
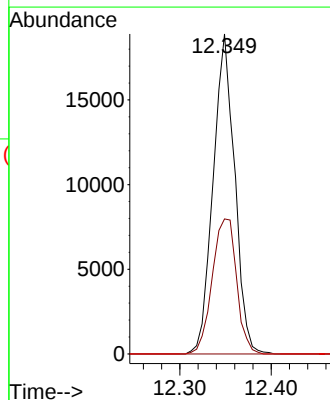
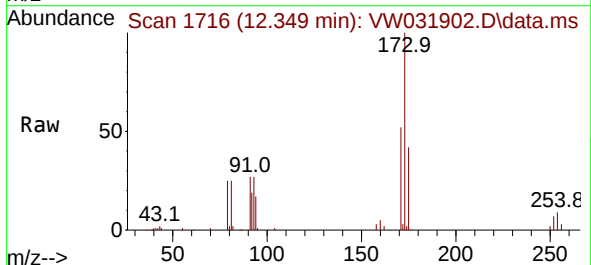
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

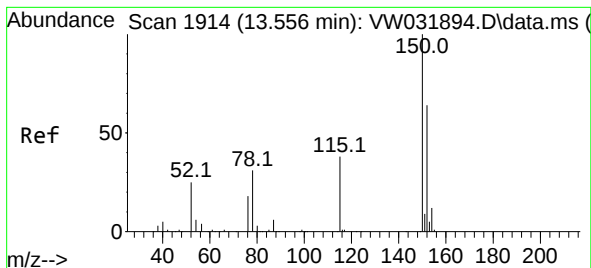
Tgt Ion:104 Resp: 193616
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 54.5 42.8 64.2



#71
Bromoform
Concen: 19.845 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:173 Resp: 30876
Ion Ratio Lower Upper
173 100
175 47.8 24.5 73.5
254 0.0 0.2 0.2#

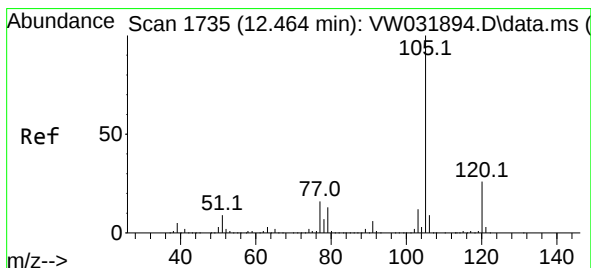
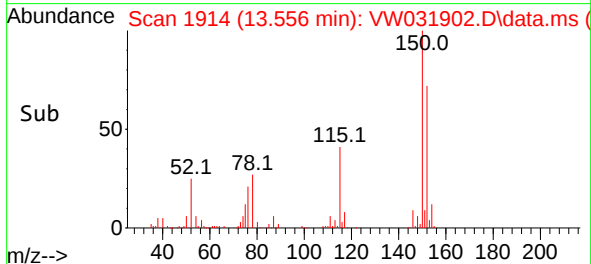
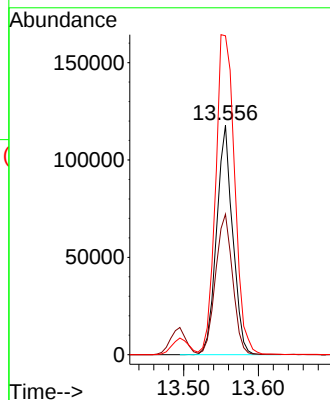
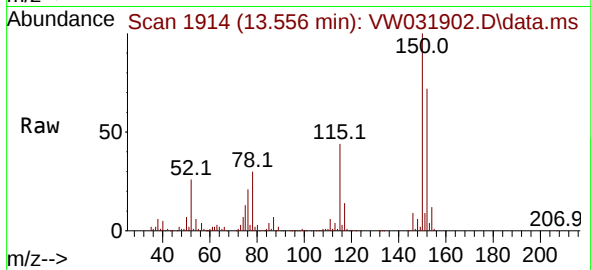




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

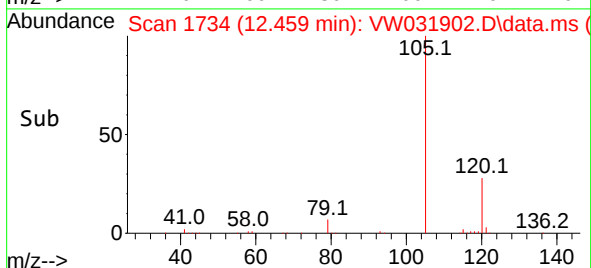
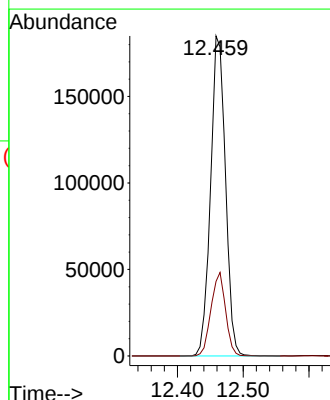
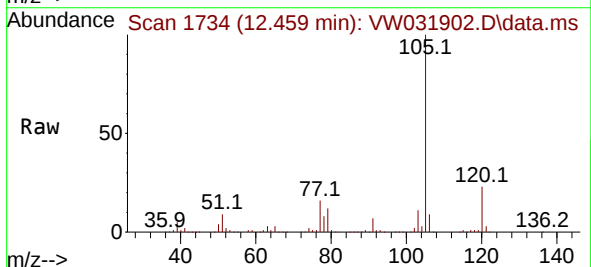
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

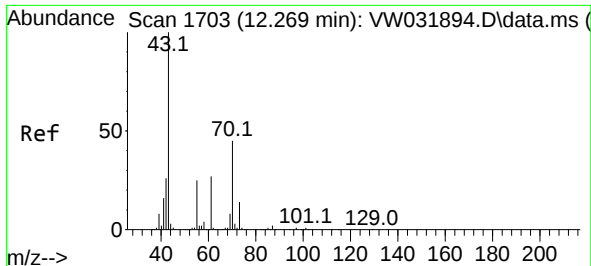
Tgt Ion:152 Resp: 175708
Ion Ratio Lower Upper
152 100
115 65.1 33.4 100.1
150 165.2 0.0 352.2



#73
Isopropylbenzene
Concen: 19.135 ug/l
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion:105 Resp: 291729
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8

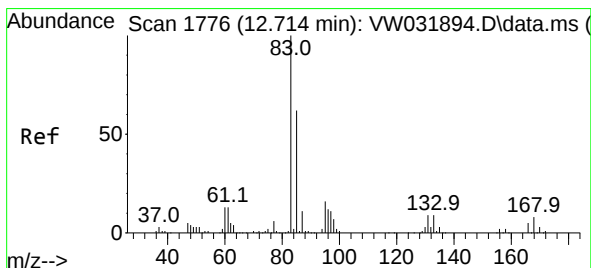
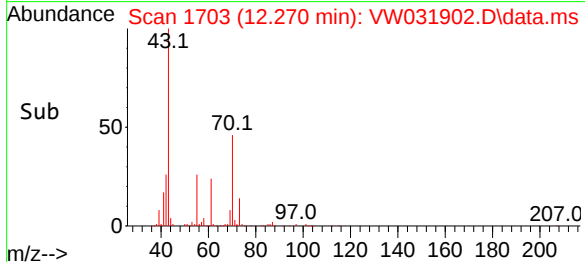
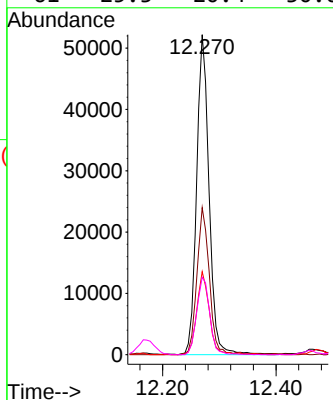
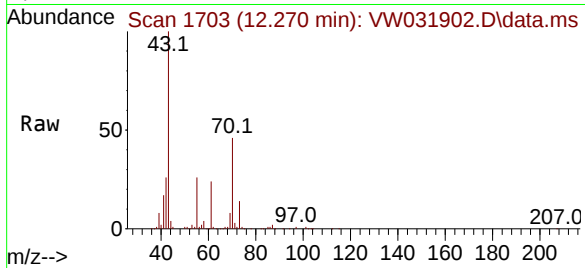




#74
N-amy1 acetate
Concen: 19.301 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

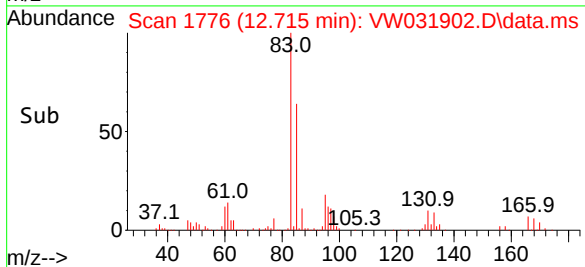
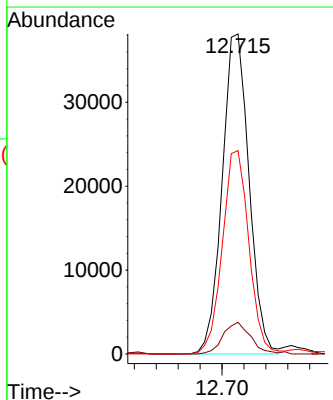
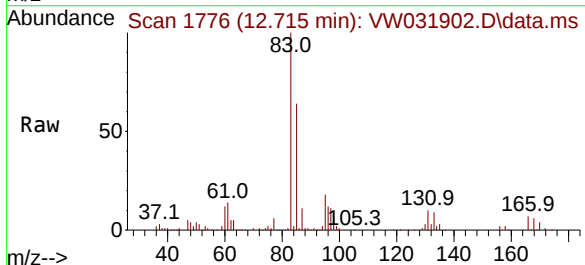
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

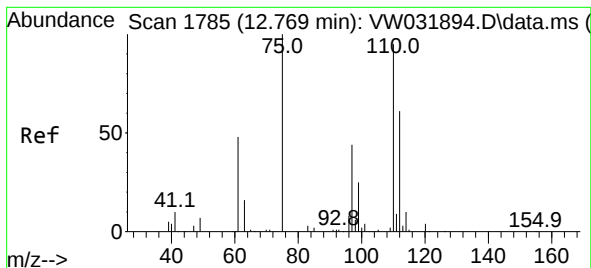
Tgt Ion: 43	Resp: 79549
Ion Ratio	Lower Upper
43 100	
70 45.5	36.6 55.0
55 26.0	20.7 31.1
61 25.3	20.4 30.6



#75
1,1,2,2-Tetrachloroethane
Concen: 20.072 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 83	Resp: 64955
Ion Ratio	Lower Upper
83 100	
131 10.2	5.0 15.0
85 62.7	31.8 95.3





#76

1,2,3-Trichloropropane

Concen: 32.841 ug/l

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

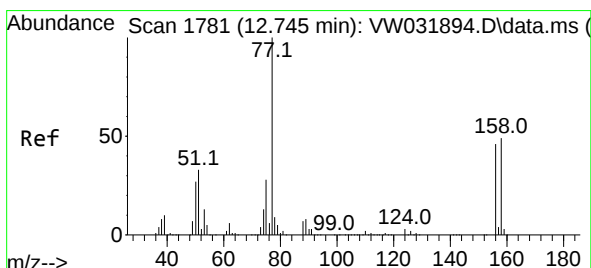
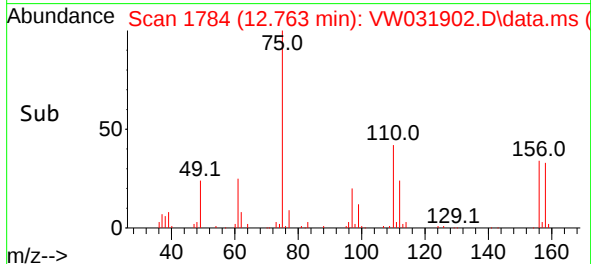
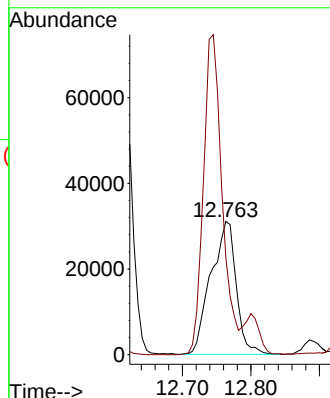
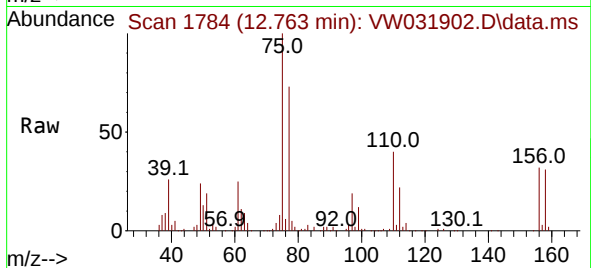
VW0723SBS01

Tgt Ion: 75 Resp: 79670

Ion Ratio Lower Upper

75 100

77 178.4 0.0 0.0#



#77

Bromobenzene

Concen: 19.723 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

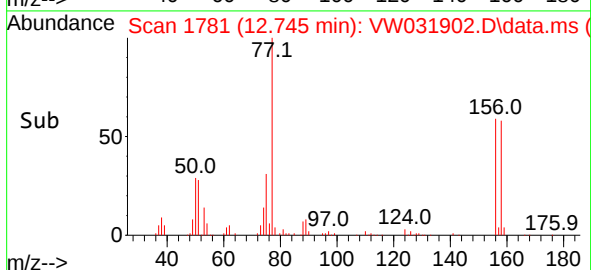
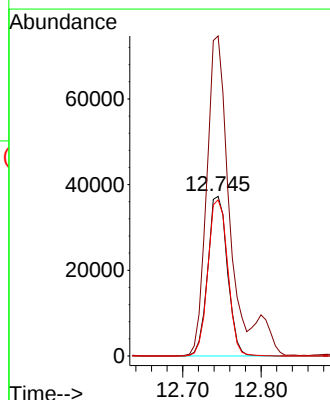
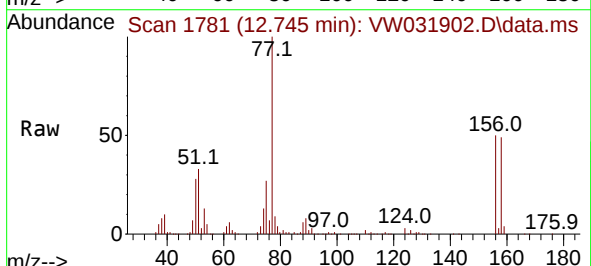
Tgt Ion:156 Resp: 65060

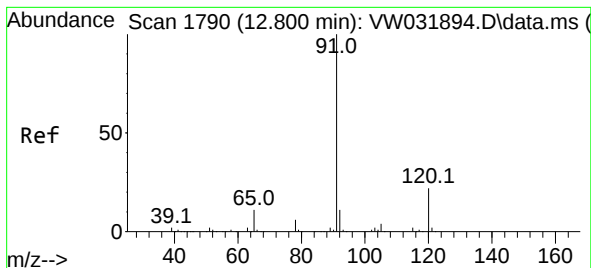
Ion Ratio Lower Upper

156 100

77 218.5 115.3 345.8

158 98.6 50.1 150.3





#78

n-propylbenzene

Concen: 19.040 ug/l

RT: 12.800 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

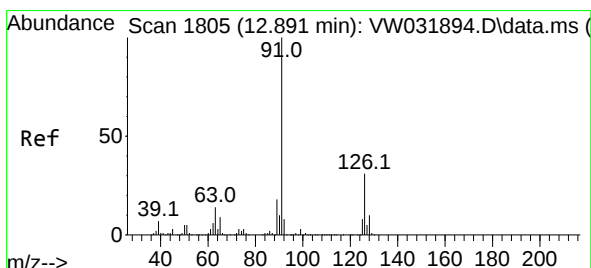
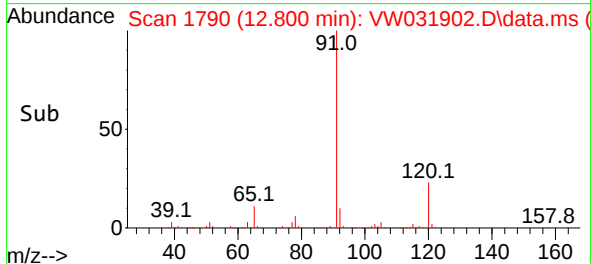
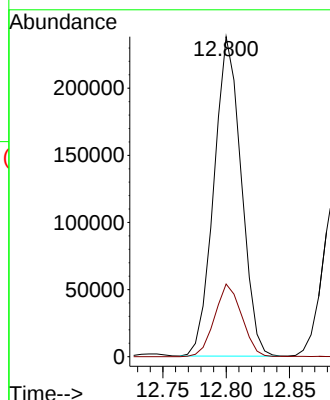
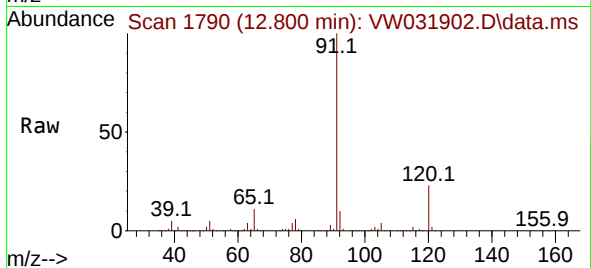
VW0723SBS01

Tgt Ion: 91 Resp: 356515

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.6



#79

2-Chlorotoluene

Concen: 19.501 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VW031902.D

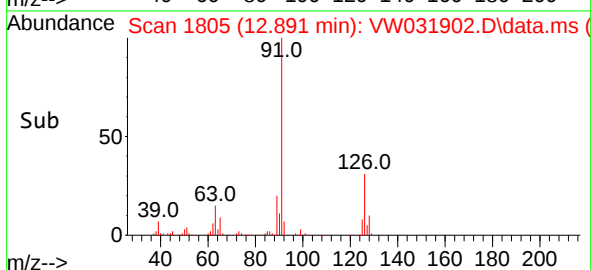
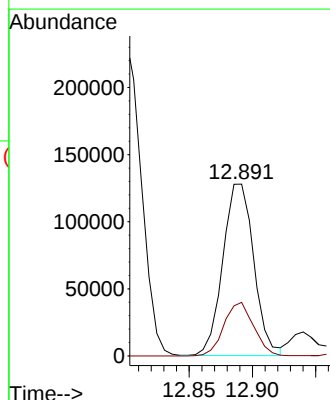
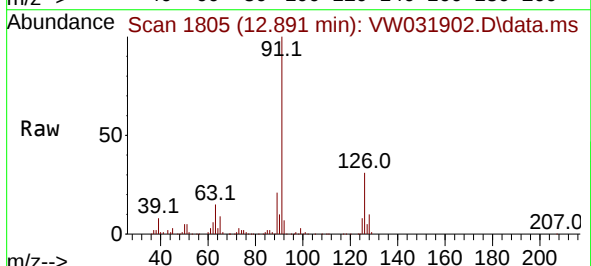
Acq: 23 Jul 2025 10:49

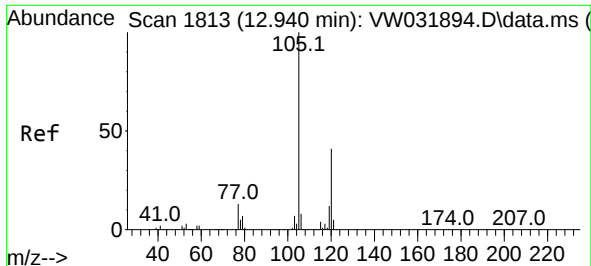
Tgt Ion: 91 Resp: 218019

Ion Ratio Lower Upper

91 100

126 30.1 15.6 46.8

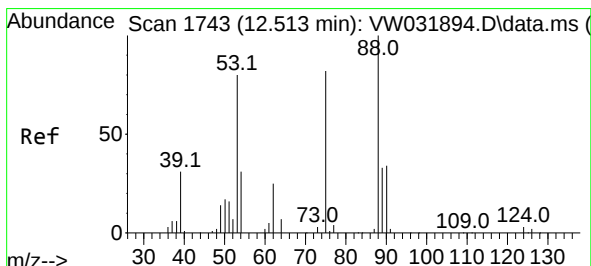
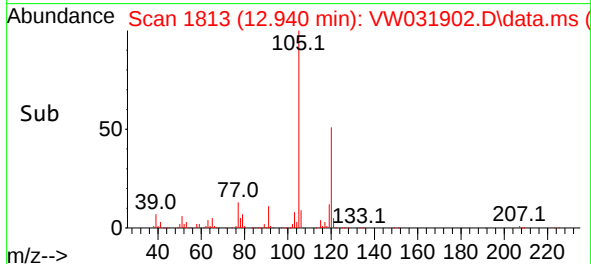
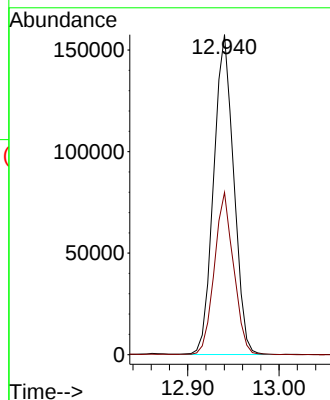
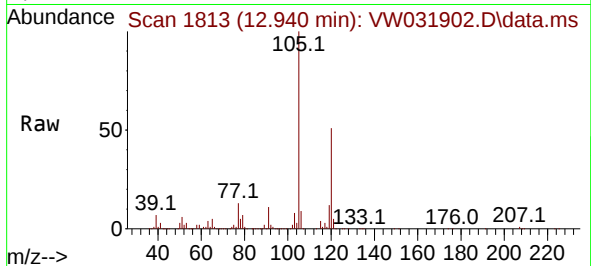




#80
1,3,5-Trimethylbenzene
Concen: 18.824 ug/l
RT: 12.940 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

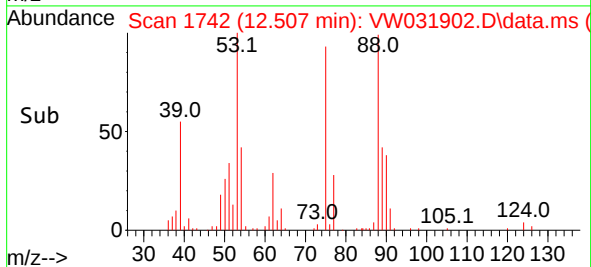
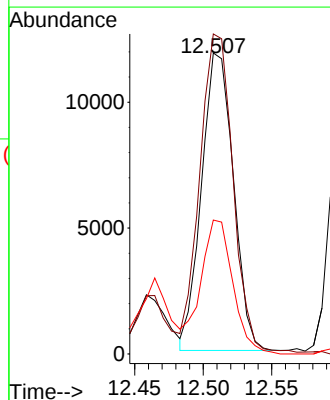
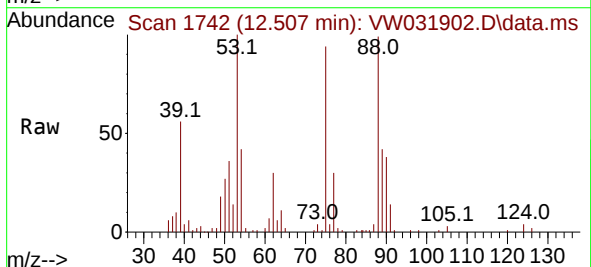
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

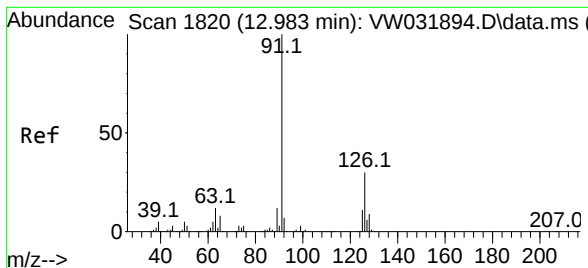
Tgt Ion:105 Resp: 240687
Ion Ratio Lower Upper
105 100
120 48.7 23.5 70.5



#81
trans-1,4-Dichloro-2-butene
Concen: 18.215 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 75 Resp: 19140
Ion Ratio Lower Upper
75 100
53 113.1 83.7 125.5
89 45.8 39.0 58.6

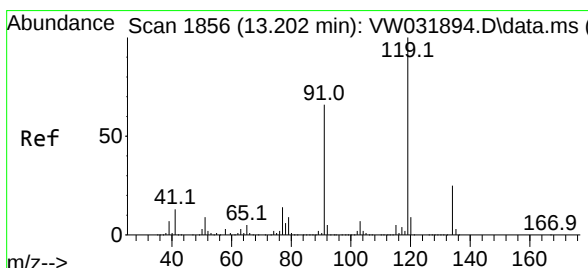
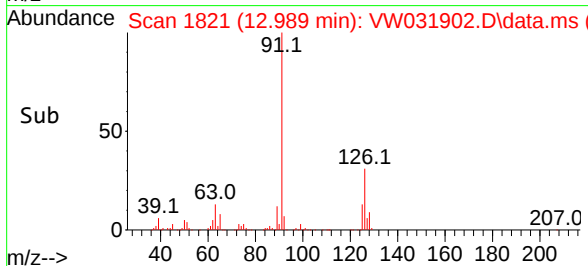
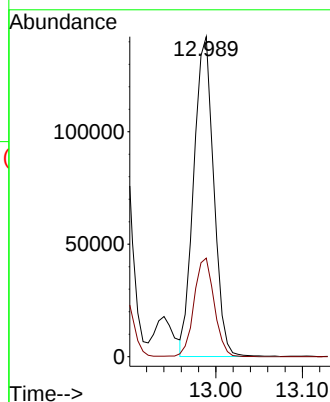
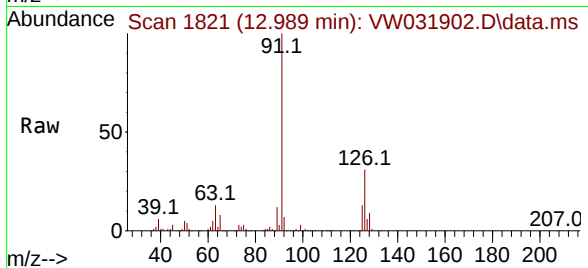




#82
4-Chlorotoluene
Concen: 19.397 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

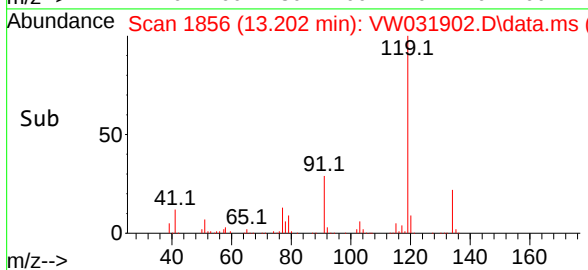
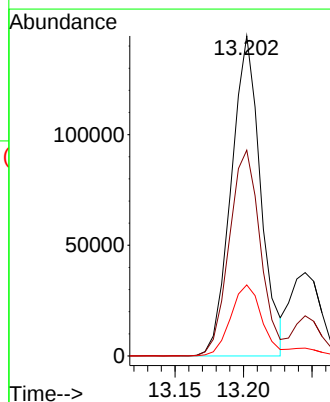
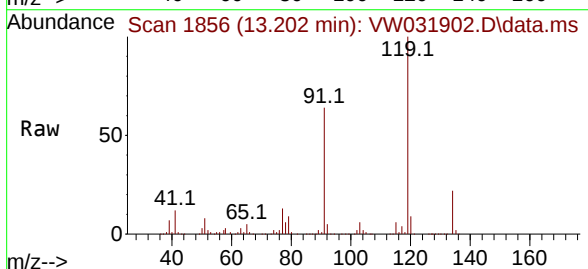
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

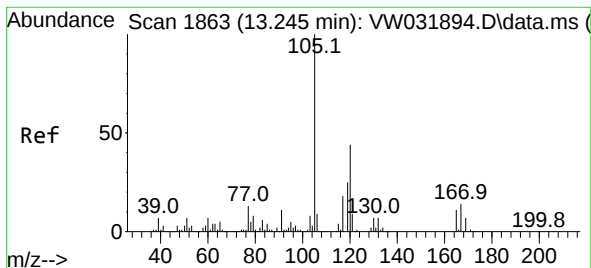
Tgt Ion: 91 Resp: 227495
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.3



#83
tert-Butylbenzene
Concen: 19.888 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 119 Resp: 216608
Ion Ratio Lower Upper
119 100
91 67.9 35.5 106.5
134 23.8 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 19.722 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

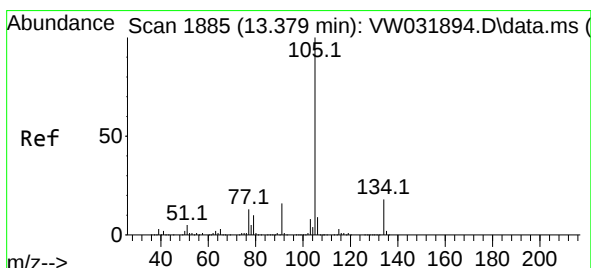
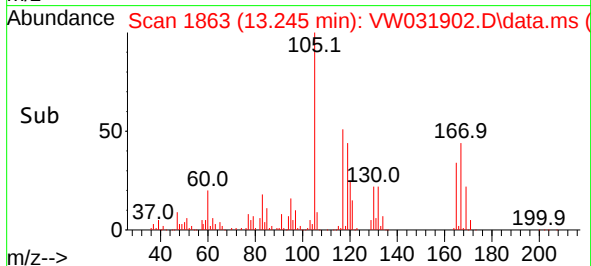
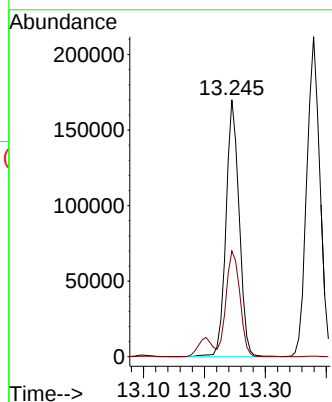
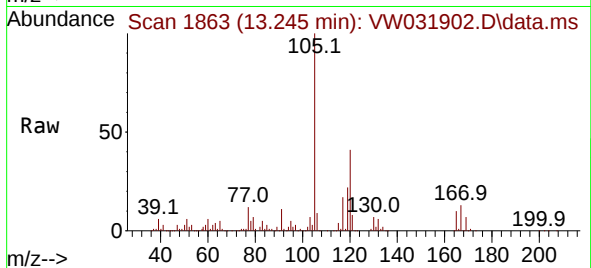
VW0723SBS01

Tgt Ion:105 Resp: 255236

Ion Ratio Lower Upper

105 100

120 43.2 21.3 63.9



#85

sec-Butylbenzene

Concen: 19.420 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031902.D

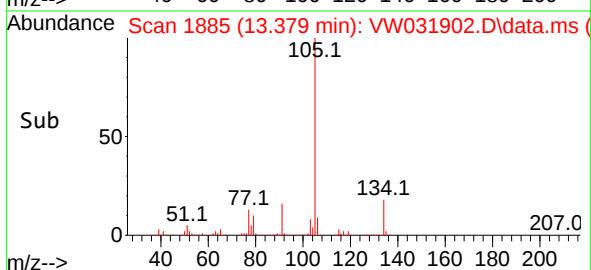
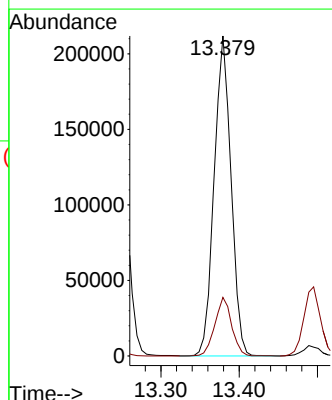
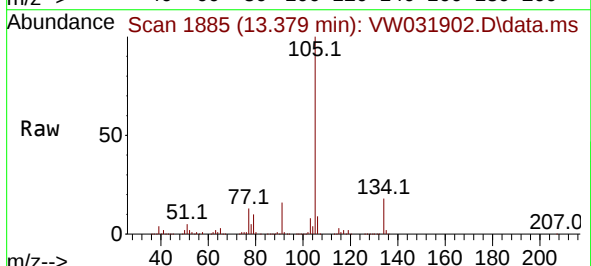
Acq: 23 Jul 2025 10:49

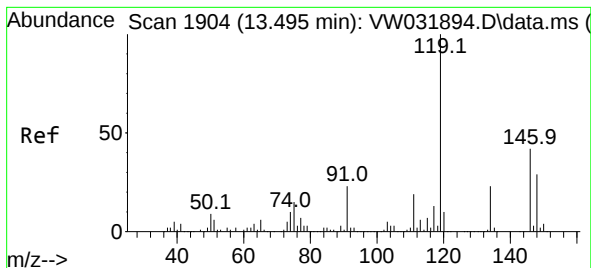
Tgt Ion:105 Resp: 317629

Ion Ratio Lower Upper

105 100

134 18.2 9.2 27.6





#86

p-Isopropyltoluene

Concen: 19.210 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

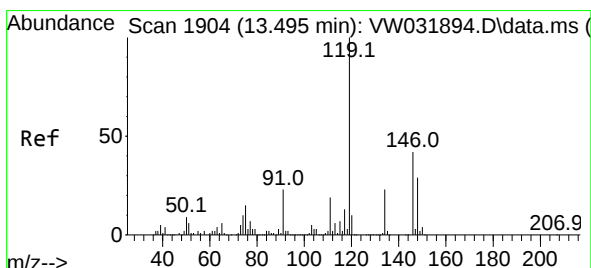
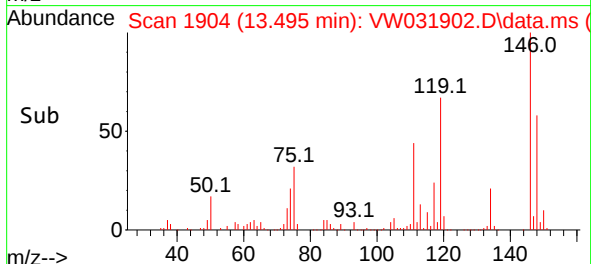
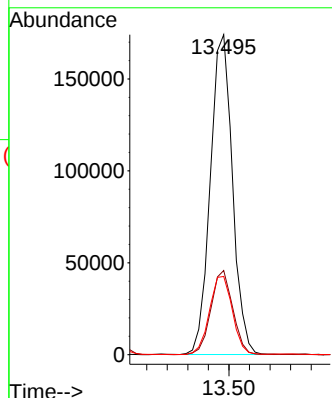
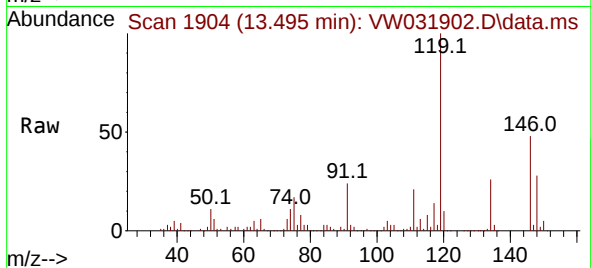
Tgt Ion:119 Resp: 259703

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 25.4 12.7 38.1



#87

1,3-Dichlorobenzene

Concen: 19.665 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

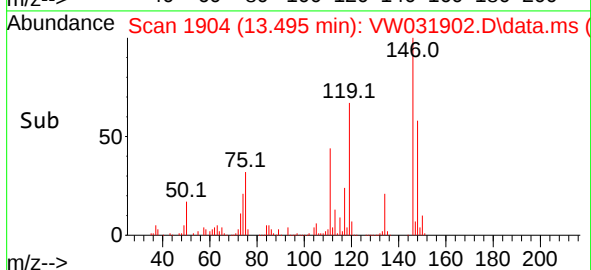
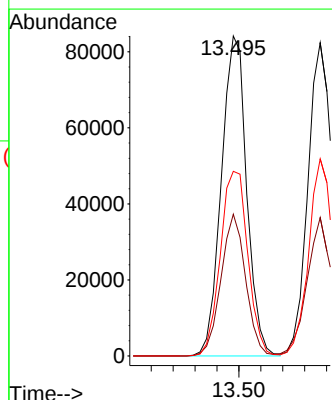
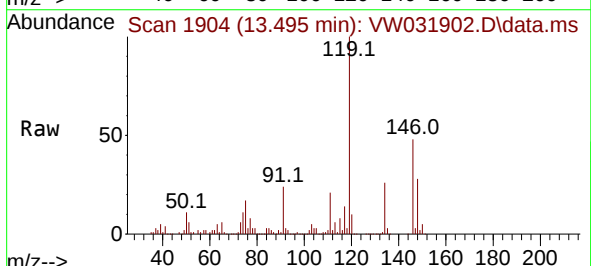
Tgt Ion:146 Resp: 135030

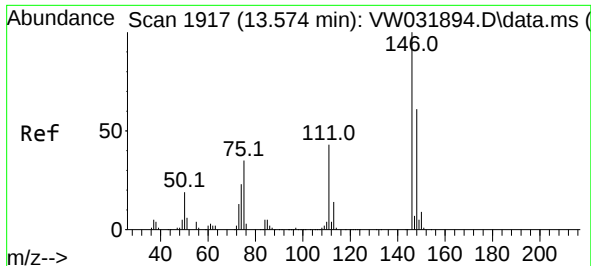
Ion Ratio Lower Upper

146 100

111 43.2 21.9 65.7

148 62.7 31.9 95.5

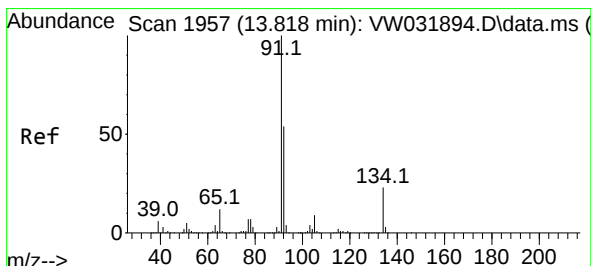
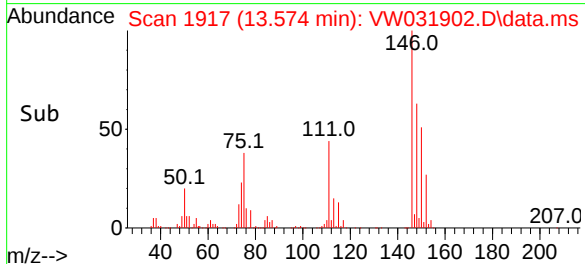
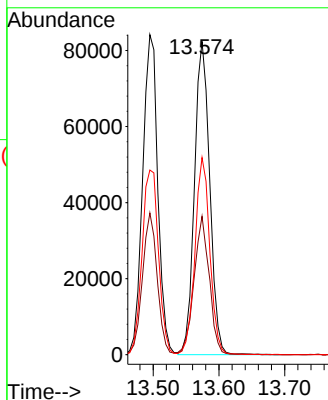
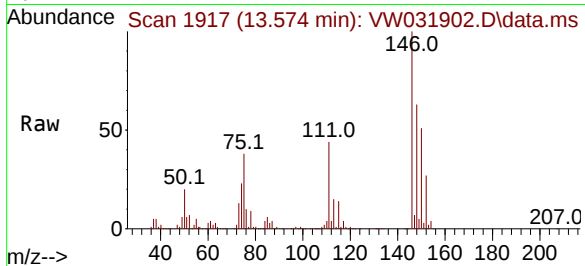




#88
1,4-Dichlorobenzene
Concen: 19.630 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

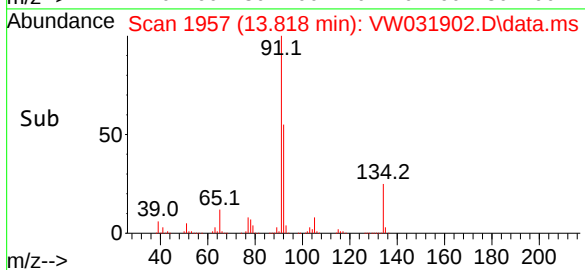
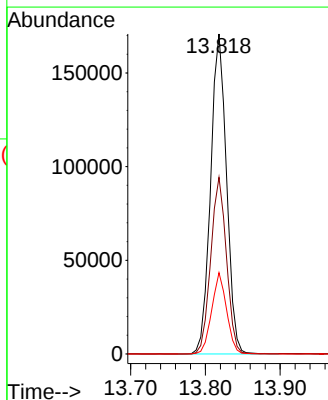
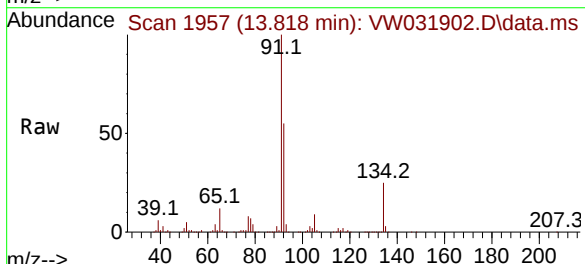
Instrument :
MSVOA_W
ClientSampleId :
VW0723SBS01

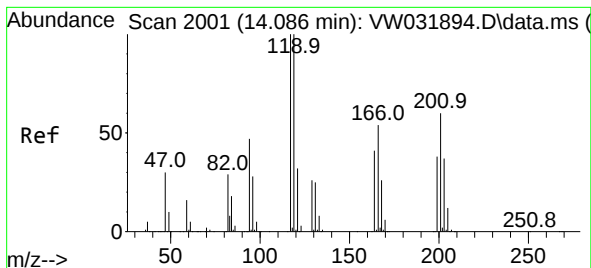
Tgt Ion:146 Resp: 132042
Ion Ratio Lower Upper
146 100
111 44.0 22.1 66.3
148 61.2 31.8 95.3



#89
n-Butylbenzene
Concen: 19.047 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031902.D
Acq: 23 Jul 2025 10:49

Tgt Ion: 91 Resp: 252594
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 23.7 11.6 34.7





#90

Hexachloroethane

Concen: 18.488 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

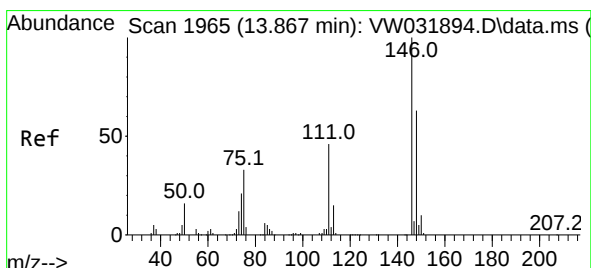
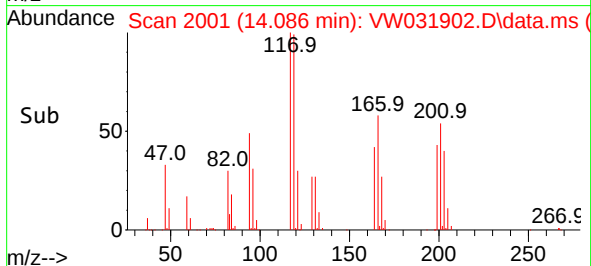
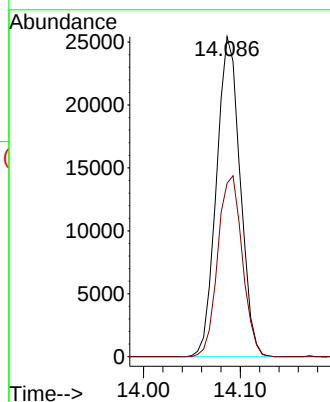
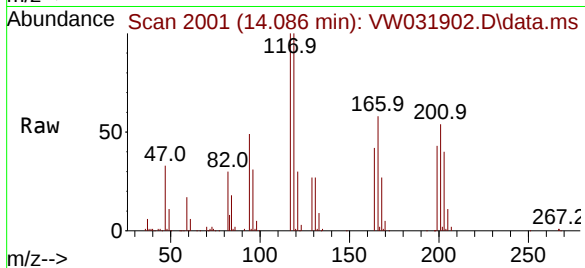
VW0723SBS01

Tgt Ion:117 Resp: 43220

Ion Ratio Lower Upper

117 100

201 58.4 28.4 85.2



#91

1,2-Dichlorobenzene

Concen: 19.308 ug/l

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

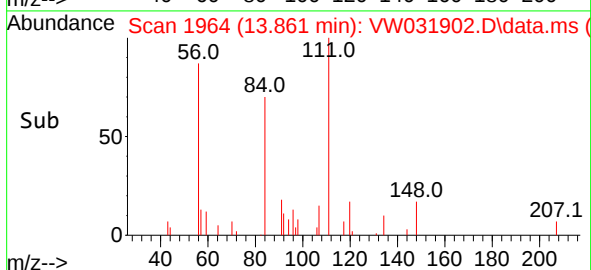
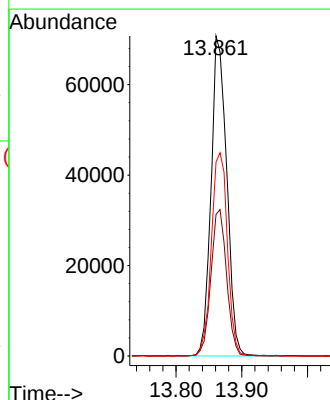
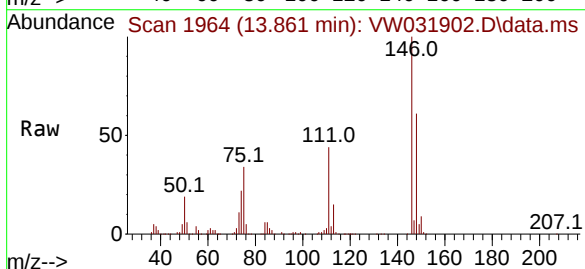
Tgt Ion:146 Resp: 117496

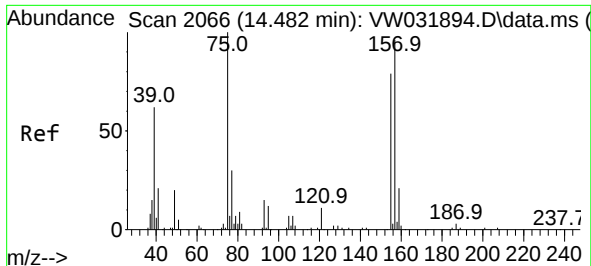
Ion Ratio Lower Upper

146 100

111 45.8 23.6 71.0

148 64.9 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 19.256 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

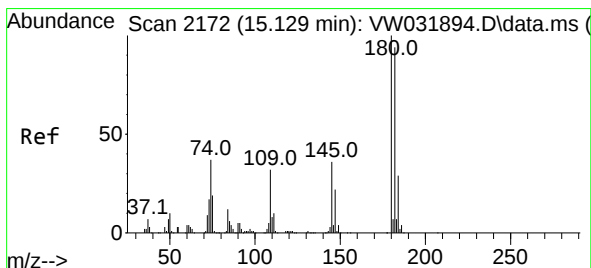
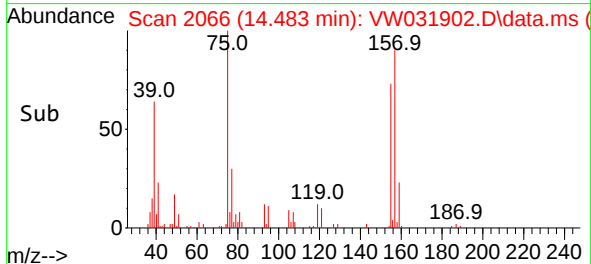
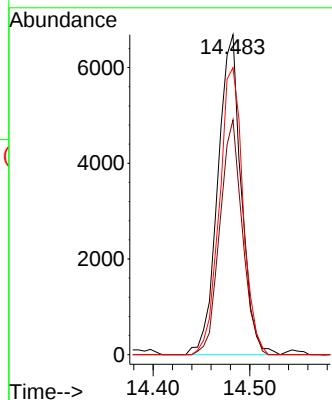
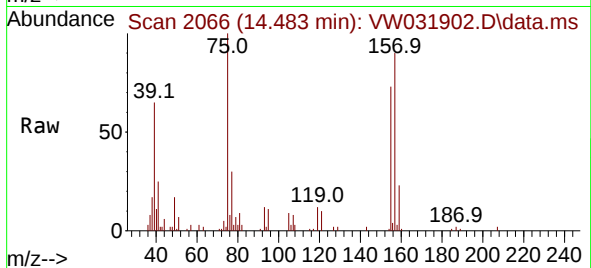
Tgt Ion: 75 Resp: 11258

Ion Ratio Lower Upper

75 100

155 70.0 35.9 107.7

157 89.8 47.4 142.2



#93

1,2,4-Trichlorobenzene

Concen: 18.578 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

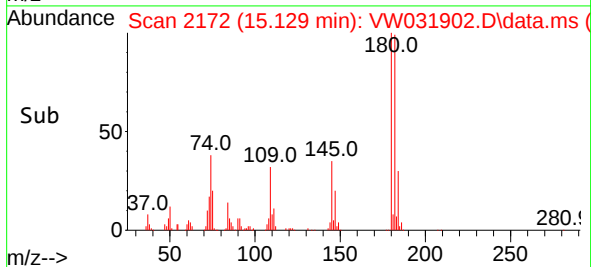
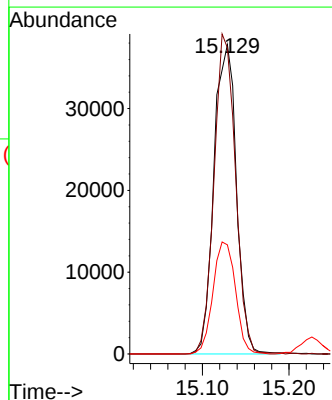
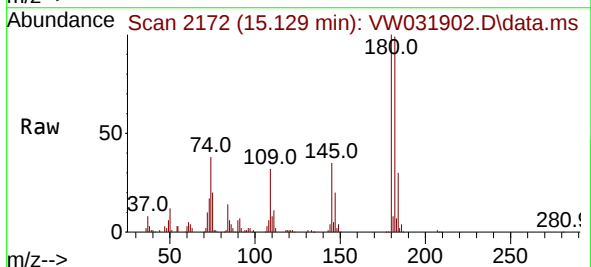
Tgt Ion:180 Resp: 68178

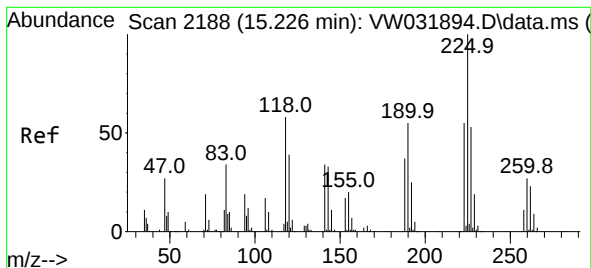
Ion Ratio Lower Upper

180 100

182 98.6 51.0 153.1

145 36.2 18.4 55.4





#94

Hexachlorobutadiene

Concen: 18.829 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

Instrument :

MSVOA_W

ClientSampleId :

VW0723SBS01

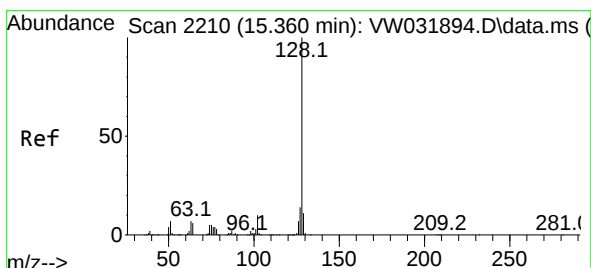
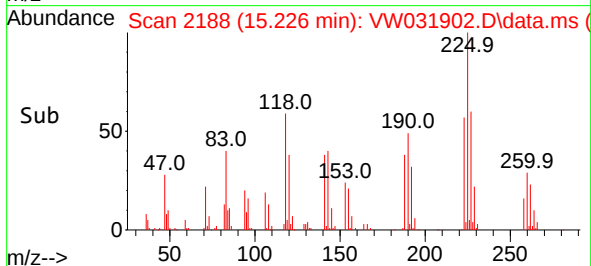
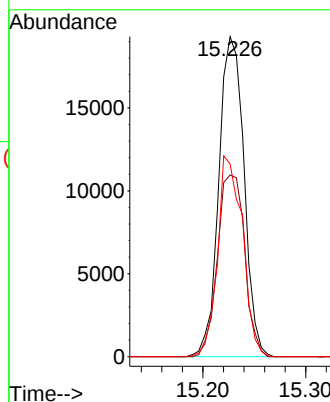
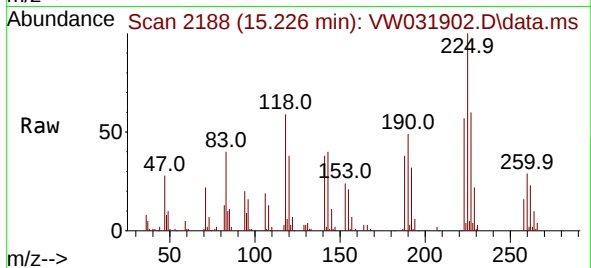
Tgt Ion:225 Resp: 32743

Ion Ratio Lower Upper

225 100

223 61.3 30.9 92.7

227 62.2 30.0 90.1



#95

Naphthalene

Concen: 20.085 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031902.D

Acq: 23 Jul 2025 10:49

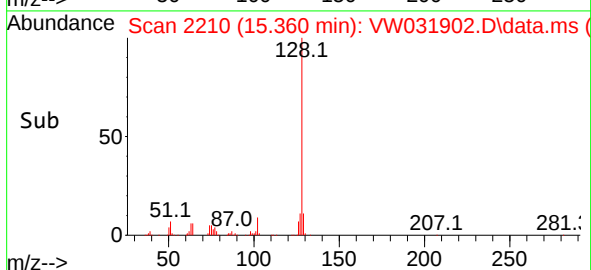
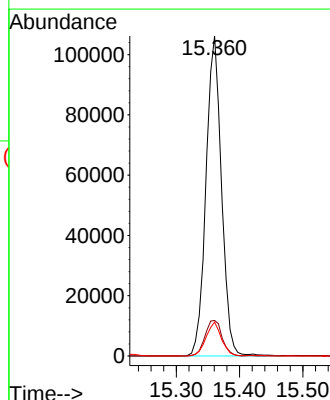
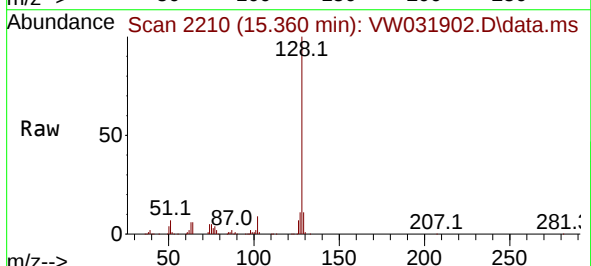
Tgt Ion:128 Resp: 181214

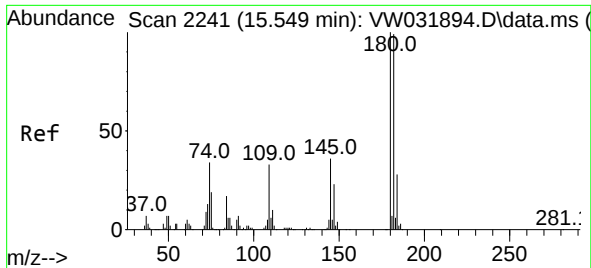
Ion Ratio Lower Upper

128 100

127 12.2 10.7 16.1

129 10.5 9.2 13.8





#96
 1,2,3-Trichlorobenzene
 Concen: 19.206 ug/l
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031902.D
 Acq: 23 Jul 2025 10:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0723SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	50.4	151.2
145	37.8	18.6	55.8

