

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031751.D
 Acq On : 02 Jul 2025 11:16
 Operator : SY/MD
 Sample : VW0702SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

Quant Time: Jul 03 06:09:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	221271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	396891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	351066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	157309	49.539	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.080%
35) Dibromofluoromethane	7.898	113	129094	49.845	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	99.700%
50) Toluene-d8	10.325	98	498024	51.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.340%
62) 4-Bromofluorobenzene	12.617	95	179868	50.713	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	32206	21.372	ug/l	98
3) Chloromethane	2.253	50	37274	20.517	ug/l	100
4) Vinyl Chloride	2.399	62	51283	21.476	ug/l	98
5) Bromomethane	2.820	94	38935	20.875	ug/l	89
6) Chloroethane	2.966	64	33033	20.365	ug/l	94
7) Trichlorofluoromethane	3.302	101	40821	18.823	ug/l	99
8) Diethyl Ether	3.722	74	32693	19.839	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	50809	21.108	ug/l	98
10) Methyl Iodide	4.301	142	76883	20.718	ug/l	99
11) Tert butyl alcohol	5.222	59	18430	93.681	ug/l #	86
12) 1,1-Dichloroethene	4.070	96	55137	20.912	ug/l	97
13) Acrolein	3.923	56	34990	98.956	ug/l	99
14) Allyl chloride	4.698	41	83953	20.753	ug/l	99
15) Acrylonitrile	5.399	53	81465	100.529	ug/l	99
16) Acetone	4.155	43	73913	94.171	ug/l	99
17) Carbon Disulfide	4.411	76	143253	20.304	ug/l	100
18) Methyl Acetate	4.704	43	42780	19.071	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	91645	20.479	ug/l	98
20) Methylene Chloride	4.948	84	74459	20.926	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	57803	20.633	ug/l	94
22) Diisopropyl ether	6.332	45	165952	21.034	ug/l	93
23) Vinyl Acetate	6.277	43	547656	101.626	ug/l	99
24) 1,1-Dichloroethane	6.240	63	105881	20.700	ug/l	99
25) 2-Butanone	7.191	43	101927	99.820	ug/l	99
26) 2,2-Dichloropropane	7.185	77	60939	20.419	ug/l	98
27) cis-1,2-Dichloroethene	7.185	96	66969	20.796	ug/l	100
28) Bromochloromethane	7.526	49	45980	20.370	ug/l	100
29) Tetrahydrofuran	7.545	42	69137	98.868	ug/l	98
30) Chloroform	7.691	83	113057	20.801	ug/l	93
31) Cyclohexane	7.965	56	92265	20.406	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	88061	21.024	ug/l	98
36) 1,1-Dichloropropene	8.093	75	77747	20.745	ug/l	99
37) Ethyl Acetate	7.270	43	49405	20.898	ug/l	97
38) Carbon Tetrachloride	8.075	117	78701	20.608	ug/l	95
39) Methylcyclohexane	9.343	83	97071	20.818	ug/l	97
40) Benzene	8.331	78	232834	20.999	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	27326	21.577	ug/l	98
42) 1,2-Dichloroethane	8.410	62	77712	20.743	ug/l	100
43) Isopropyl Acetate	8.435	43	80641	19.788	ug/l	98
44) Trichloroethene	9.105	130	57293	20.702	ug/l	90
45) 1,2-Dichloropropane	9.374	63	54985	20.518	ug/l	98
46) Dibromomethane	9.465	93	35411	20.468	ug/l	98
47) Bromodichloromethane	9.648	83	83838	20.665	ug/l	99
48) Methyl methacrylate	9.441	41	38588	19.257	ug/l	97
49) 1,4-Dioxane	9.465	88	7236	357.104	ug/l #	70
51) 4-Methyl-2-Pentanone	10.209	43	233829	99.804	ug/l	99
52) Toluene	10.392	92	146964	20.702	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	76761	20.166	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	87956	20.383	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	45094	19.898	ug/l	94
56) Ethyl methacrylate	10.648	69	59872	19.473	ug/l	100
57) 1,3-Dichloropropane	10.934	76	79056	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	170102	100.473	ug/l	98
59) 2-Hexanone	10.971	43	159731	100.609	ug/l	97
60) Dibromochloromethane	11.129	129	52286	19.293	ug/l	99
61) 1,2-Dibromoethane	11.233	107	46172	20.351	ug/l	99
64) Tetrachloroethene	10.861	164	48777	21.241	ug/l	93
65) Chlorobenzene	11.654	112	163117	21.059	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	51760	20.970	ug/l	97
67) Ethyl Benzene	11.727	91	283709	21.123	ug/l	96
68) m/p-Xylenes	11.837	106	221251	42.851	ug/l	100
69) o-Xylene	12.160	106	99602	20.835	ug/l	99
70) Styrene	12.178	104	176249	21.326	ug/l	100
71) Bromoform	12.349	173	29328	19.917	ug/l #	96
73) Isopropylbenzene	12.458	105	266577	20.352	ug/l	100
74) N-amyl acetate	12.269	43	69860	19.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	58400	20.083	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	76455	34.357	ug/l	40
77) Bromobenzene	12.745	156	58730	20.103	ug/l	92
78) n-propylbenzene	12.800	91	324009	20.657	ug/l	98
79) 2-Chlorotoluene	12.885	91	194997	20.645	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	228430	21.068	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	17303	18.110	ug/l	91
82) 4-Chlorotoluene	12.983	91	202825	20.454	ug/l	99
83) tert-Butylbenzene	13.202	119	192967	20.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	223072	20.306	ug/l	100
85) sec-Butylbenzene	13.379	105	287598	20.631	ug/l	100
86) p-Isopropyltoluene	13.495	119	232258	20.216	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	121366	20.715	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	123403	20.578	ug/l	99
89) n-Butylbenzene	13.818	91	232404	20.820	ug/l	99
90) Hexachloroethane	14.086	117	41564	20.053	ug/l	99
91) 1,2-Dichlorobenzene	13.861	146	104742	19.560	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.476	75	10803	19.026	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	64374	19.493	ug/l	98
94) Hexachlorobutadiene	15.226	225	32748	20.536	ug/l	89
95) Naphthalene	15.360	128	152515	18.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	56902	18.752	ug/l	92

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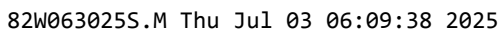
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

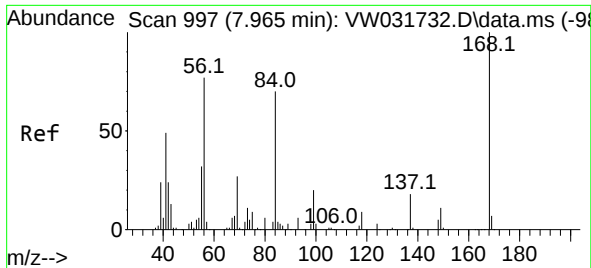
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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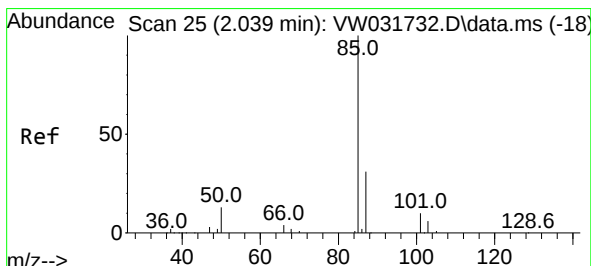
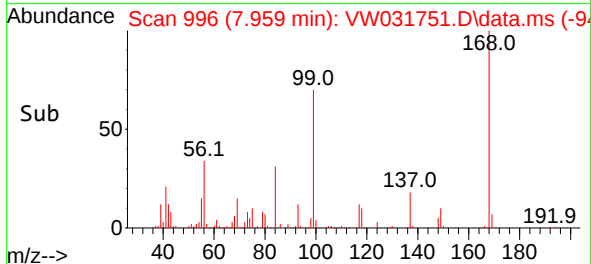
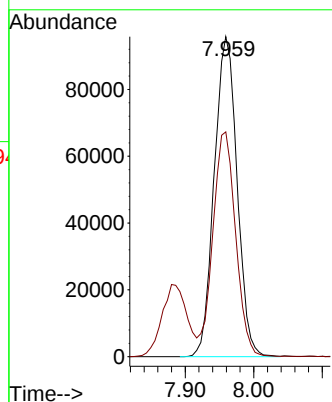
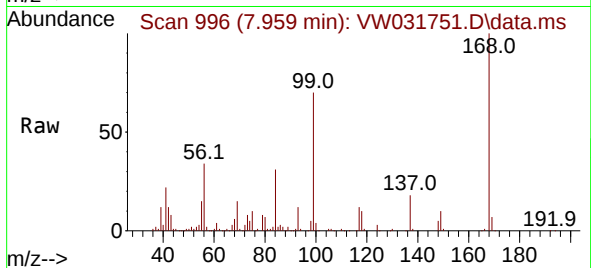




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031751.D
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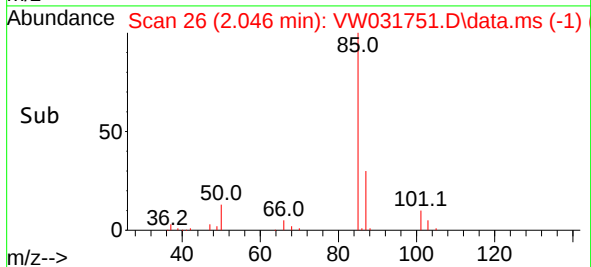
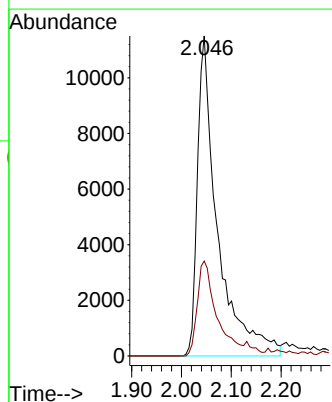
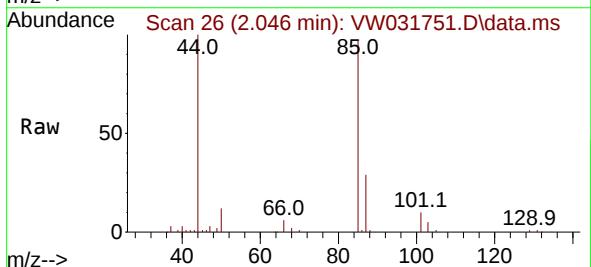
Instrument :
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ClientSampleId :
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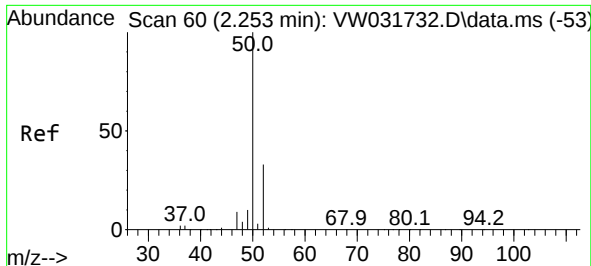
Tgt Ion:168 Resp: 221271
Ion Ratio Lower Upper
168 100
99 70.2 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 21.372 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 85 Resp: 32206
Ion Ratio Lower Upper
85 100
87 29.7 15.4 46.2

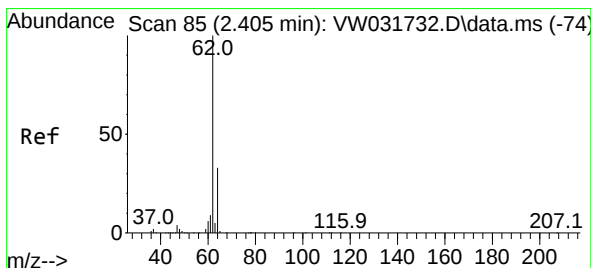
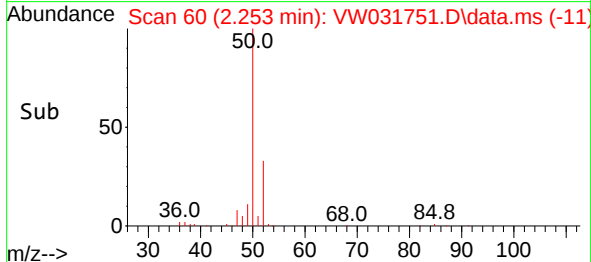
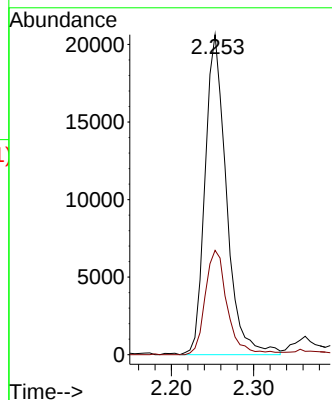
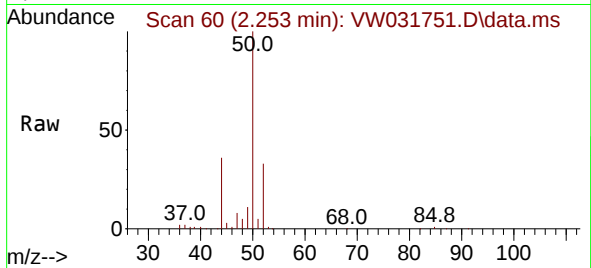




#3
Chloromethane
Concen: 20.517 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

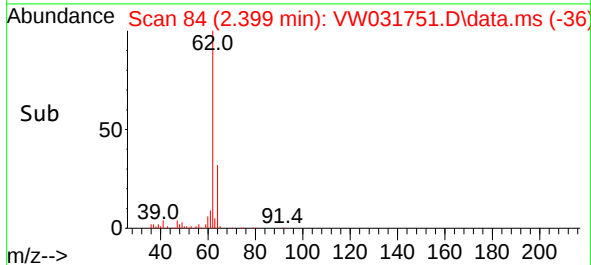
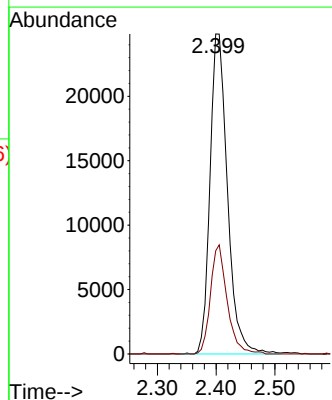
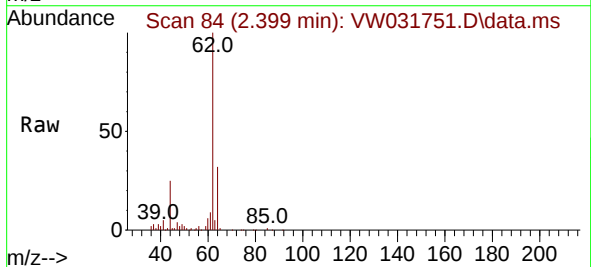
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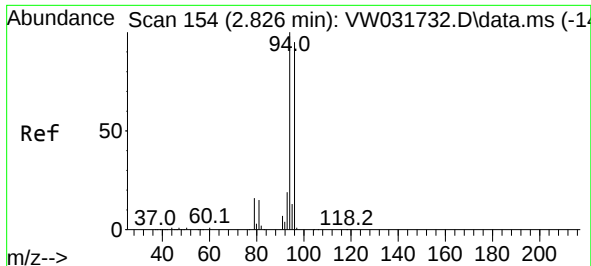
Tgt Ion: 50 Resp: 37274
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 21.476 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 62 Resp: 51283
Ion Ratio Lower Upper
62 100
64 32.2 26.8 40.2

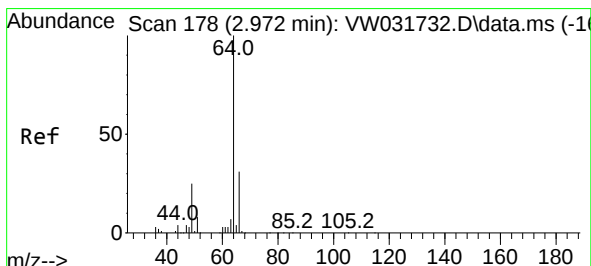
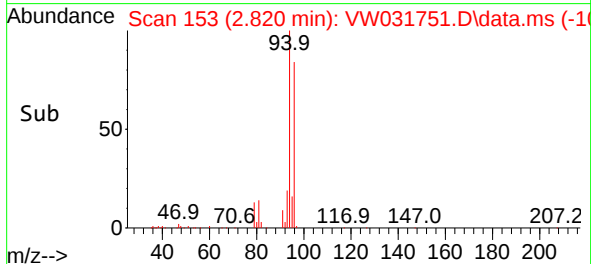
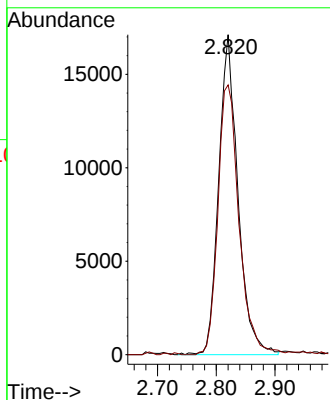
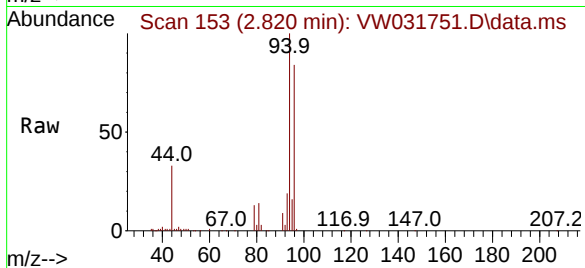




#5
Bromomethane
Concen: 20.875 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031751.D
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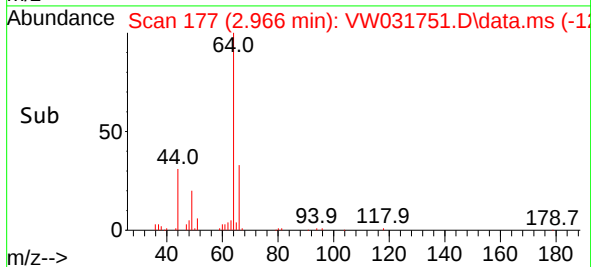
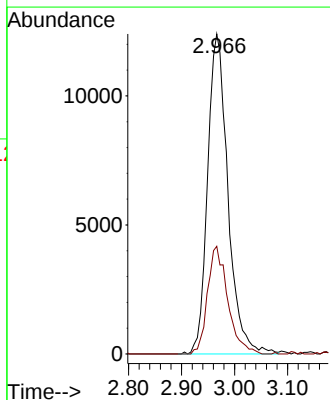
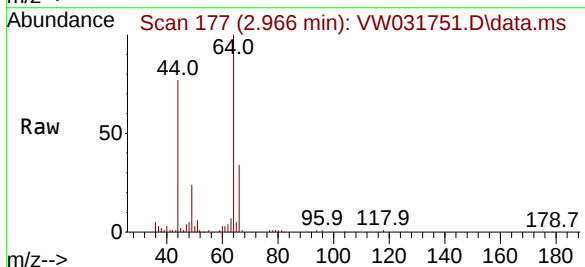
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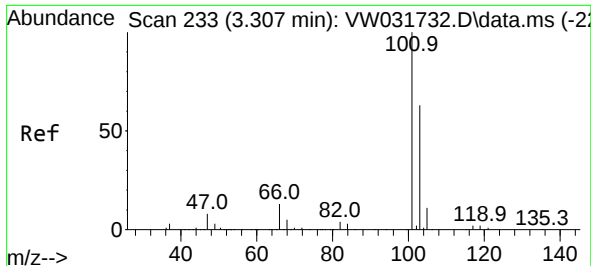
Tgt Ion: 94 Resp: 38935
Ion Ratio Lower Upper
94 100
96 83.9 75.6 113.4



#6
Chloroethane
Concen: 20.365 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031751.D
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Tgt Ion: 64 Resp: 33033
Ion Ratio Lower Upper
64 100
66 33.6 24.5 36.7

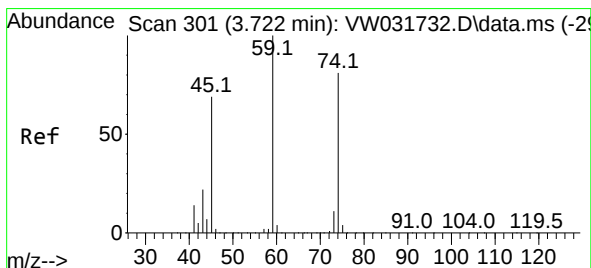
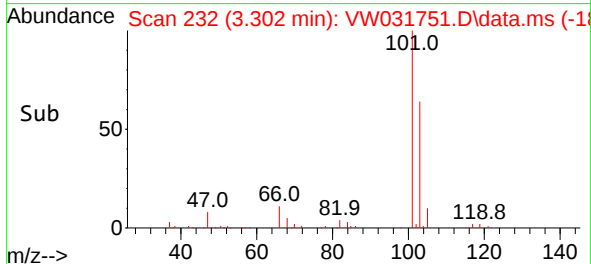
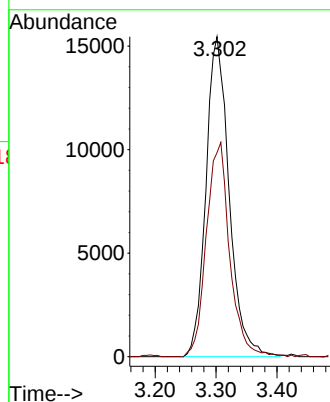
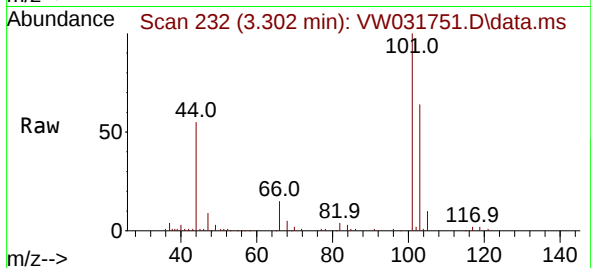




#7
 Trichlorofluoromethane
 Concen: 18.823 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

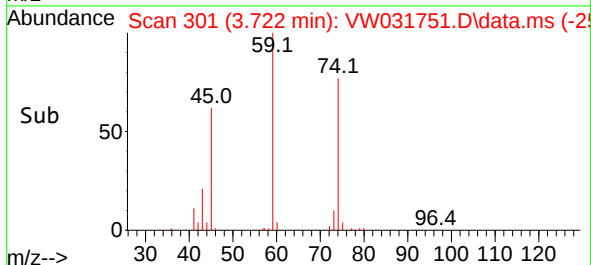
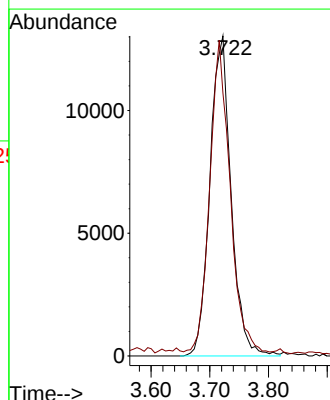
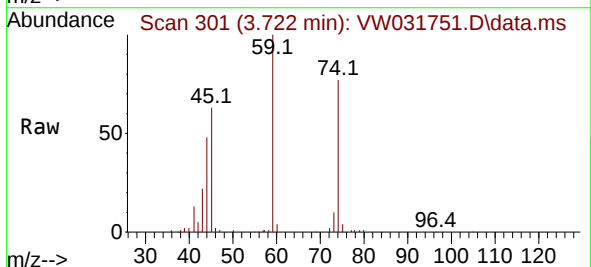
Instrument :
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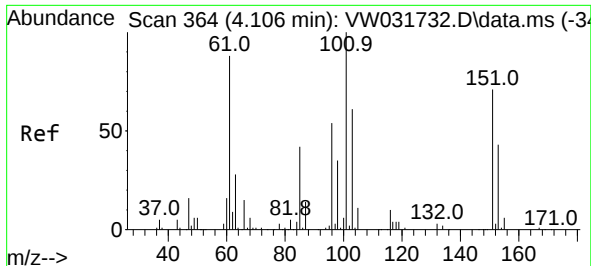
Tgt Ion:101 Resp: 40821
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.2 75.4



#8
 Diethyl Ether
 Concen: 19.839 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32693
 Ion Ratio Lower Upper
 74 100
 45 92.5 43.9 131.7

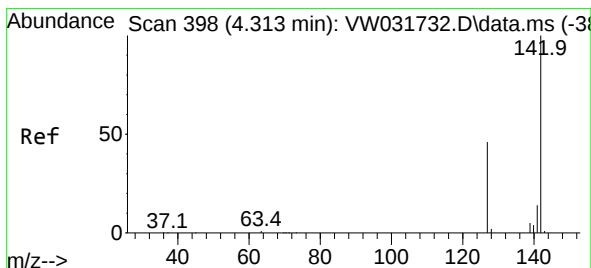
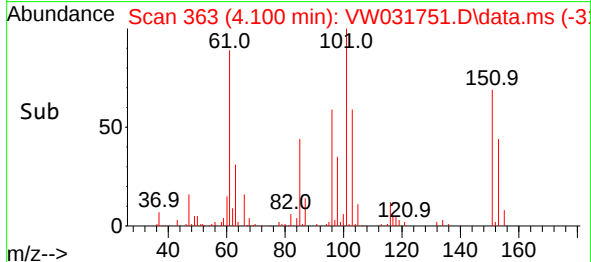
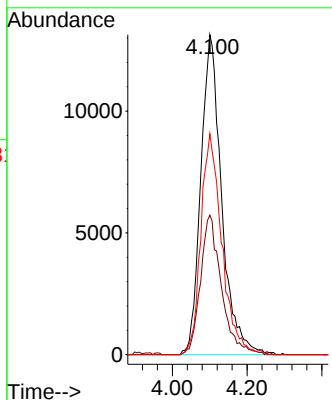
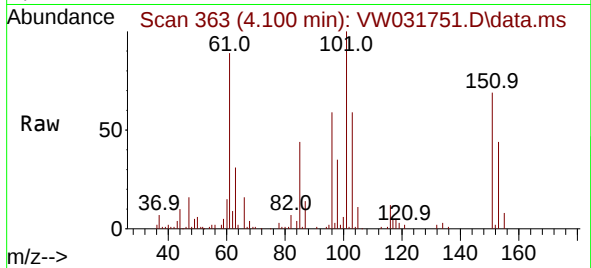




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.108 ug/l
RT: 4.100 min Scan# 309
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

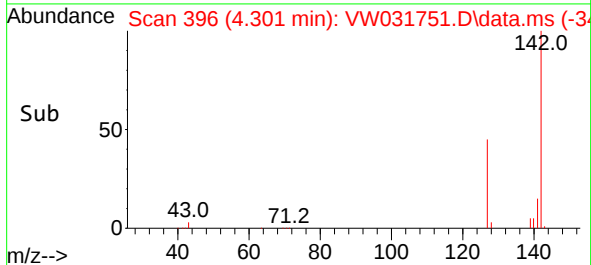
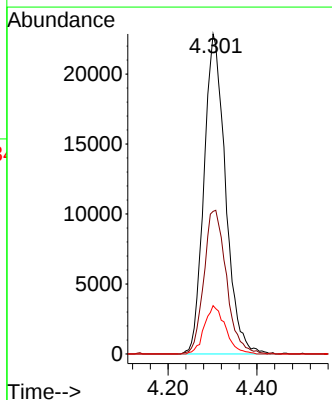
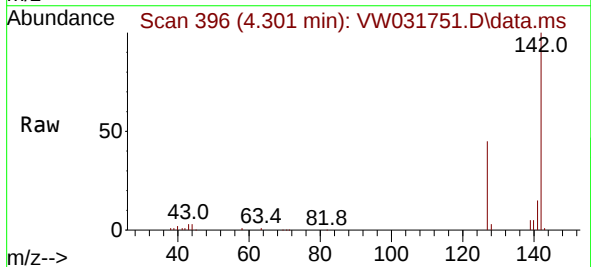
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

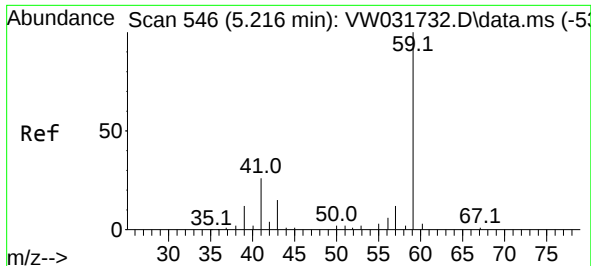
Tgt Ion:101 Resp: 50809
Ion Ratio Lower Upper
101 100
85 43.8 35.6 53.4
151 69.4 56.8 85.2



#10
Methyl Iodide
Concen: 20.718 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:142 Resp: 76883
Ion Ratio Lower Upper
142 100
127 47.0 37.9 56.9
141 14.9 11.7 17.5

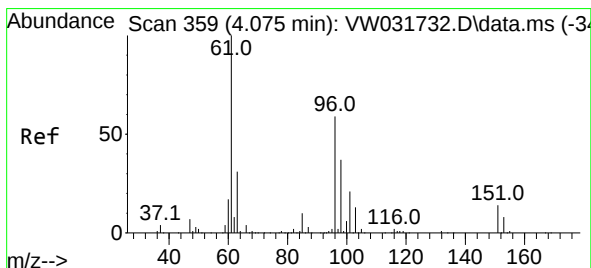
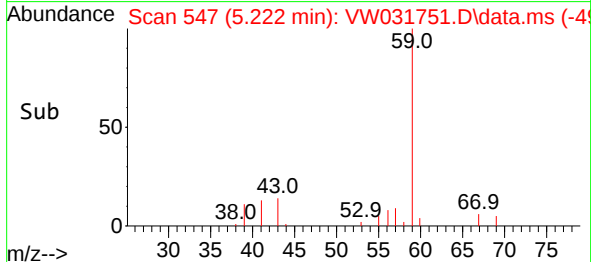
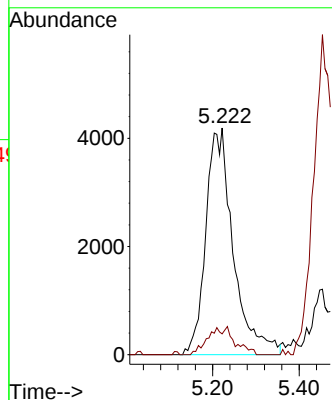
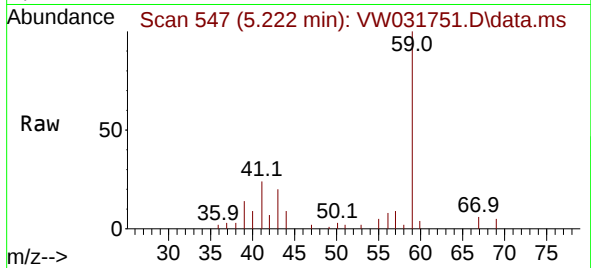




#11
Tert butyl alcohol
Concen: 93.681 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

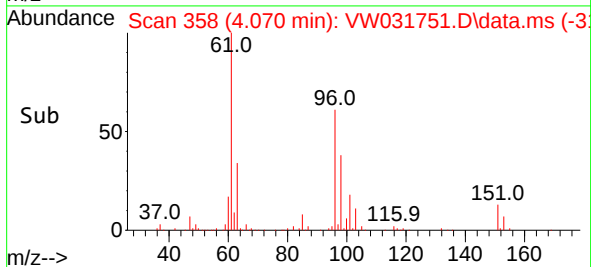
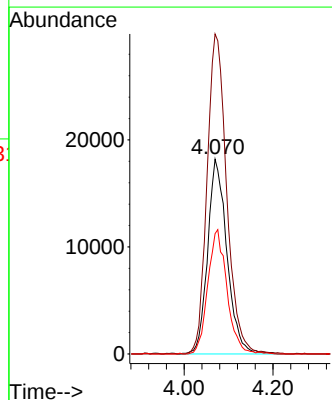
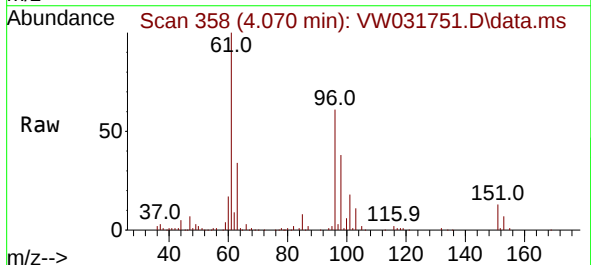
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

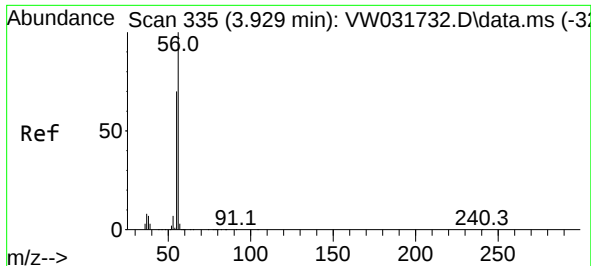
Tgt Ion: 59 Resp: 18430
Ion Ratio Lower Upper
59 100
57 6.6 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 20.912 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 96 Resp: 55137
Ion Ratio Lower Upper
96 100
61 164.4 135.8 203.8
98 61.8 50.4 75.6

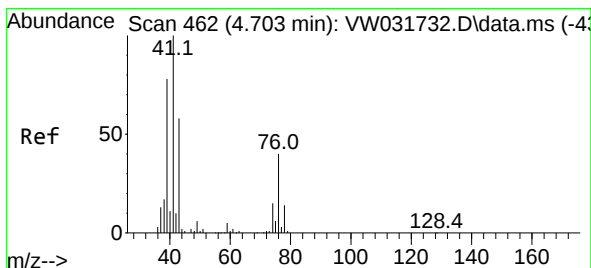
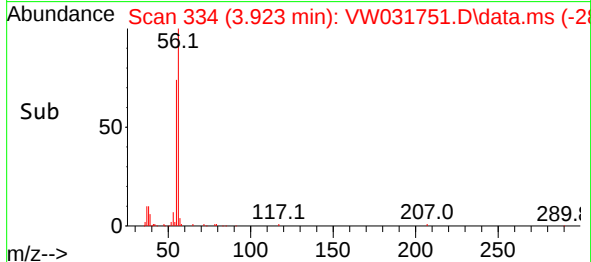
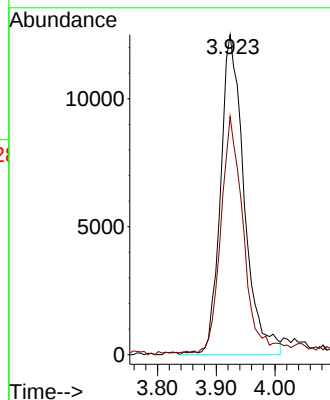
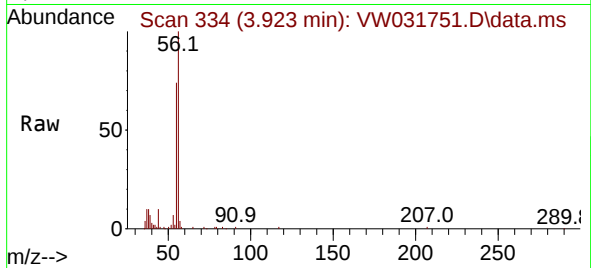




#13
Acrolein
Concen: 98.956 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

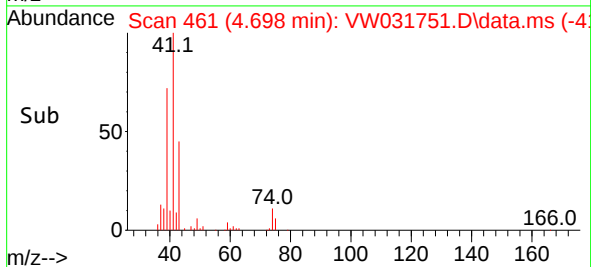
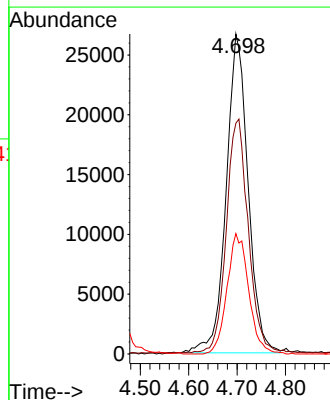
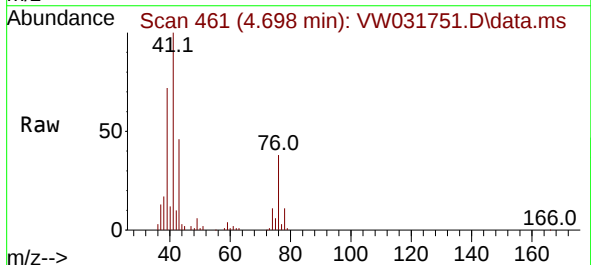
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

Tgt Ion: 56 Resp: 34990
Ion Ratio Lower Upper
56 100
55 68.5 54.0 81.0



#14
Allyl chloride
Concen: 20.753 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 41 Resp: 83953
Ion Ratio Lower Upper
41 100
39 74.6 60.7 91.1
76 37.4 30.3 45.5

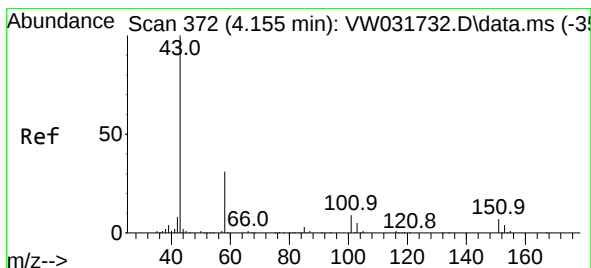
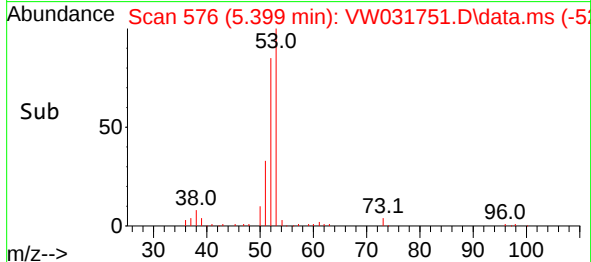
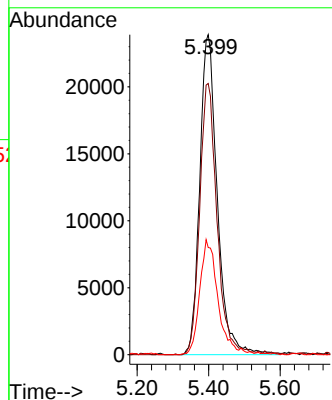
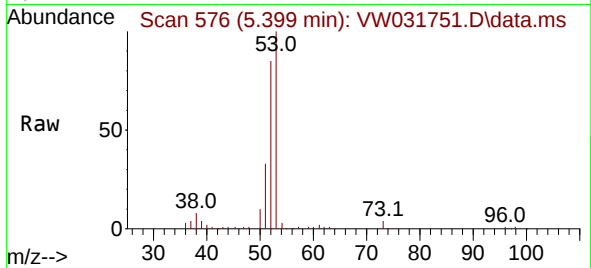




#15
Acrylonitrile
Concen: 100.529 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

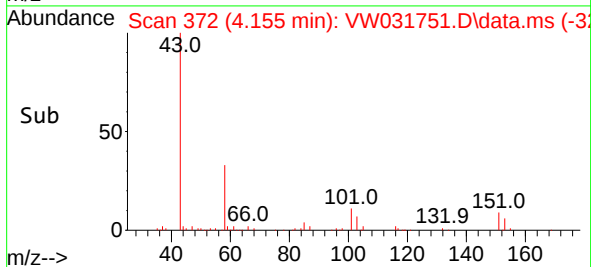
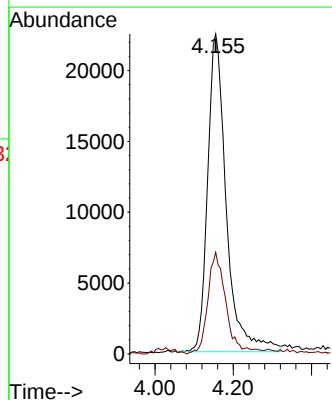
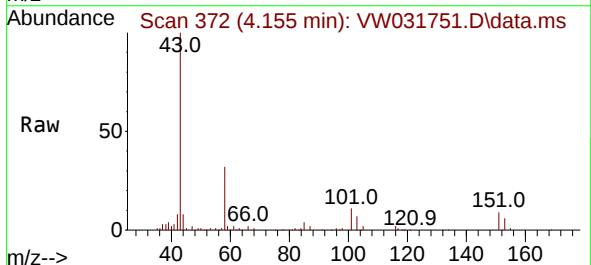
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

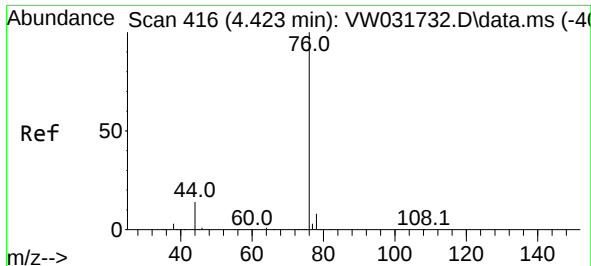
Tgt Ion:	53	Resp:	81465
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.6	29.9	44.9



#16
Acetone
Concen: 94.171 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:	43	Resp:	73913
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.8	37.2

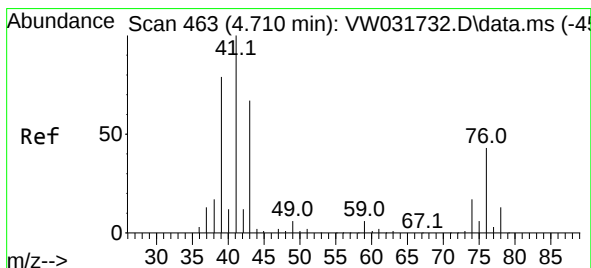
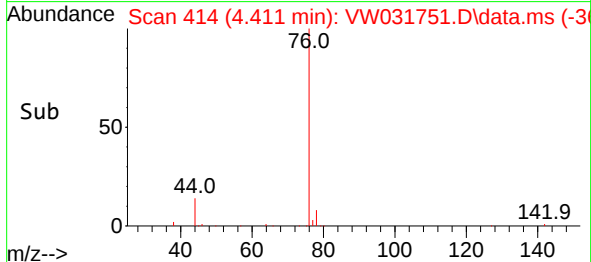
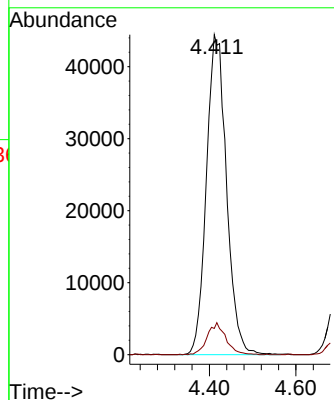
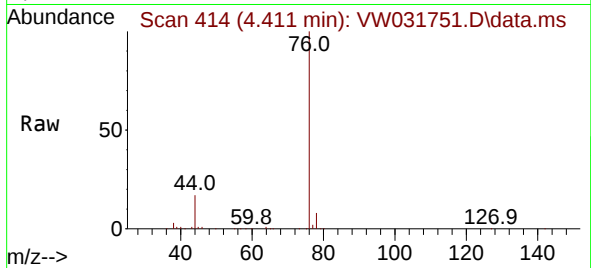




#17
Carbon Disulfide
Concen: 20.304 ug/l
RT: 4.411 min Scan# 414
Delta R.T. -0.012 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

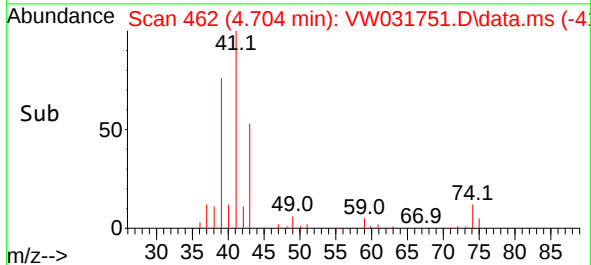
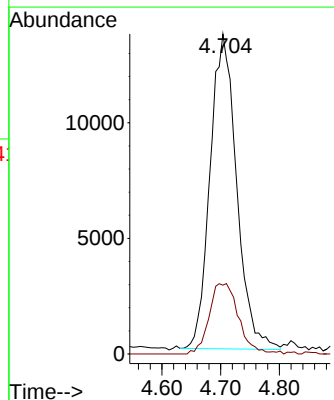
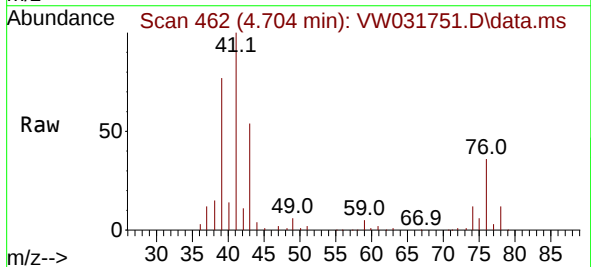
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

Tgt Ion: 76 Resp: 143253
Ion Ratio Lower Upper
76 100
78 8.2 6.6 10.0



#18
Methyl Acetate
Concen: 19.071 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 43 Resp: 42780
Ion Ratio Lower Upper
43 100
74 24.5 20.6 30.8

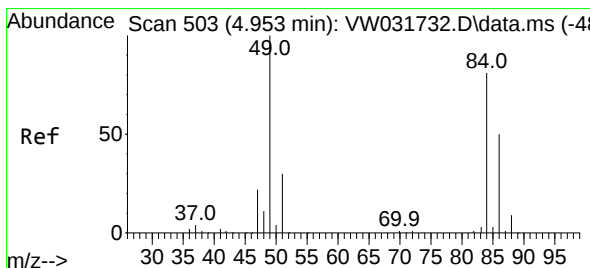
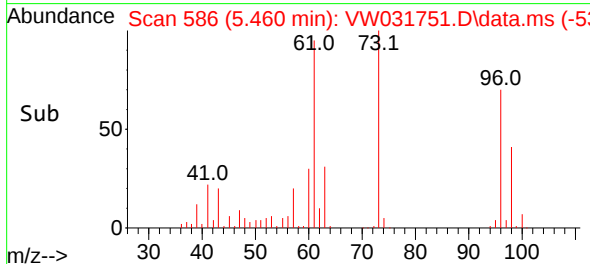
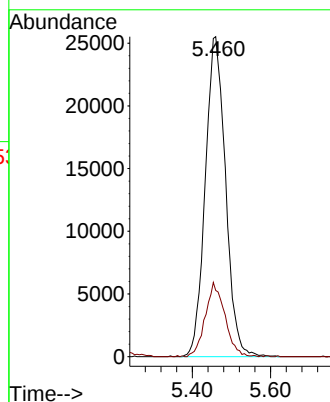
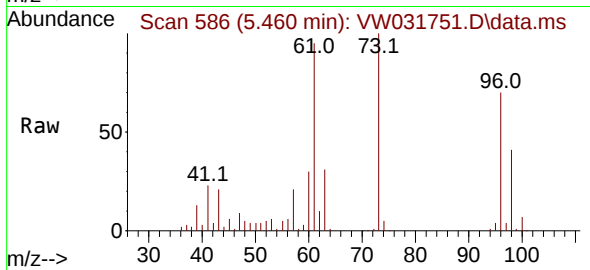




#19
Methyl tert-butyl Ether
Concen: 20.479 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

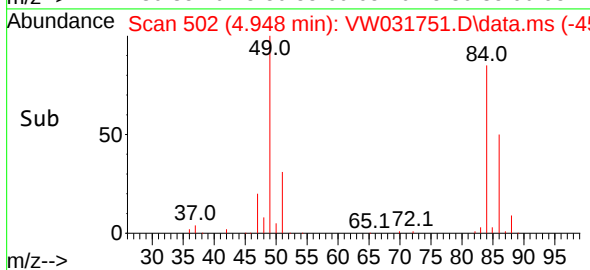
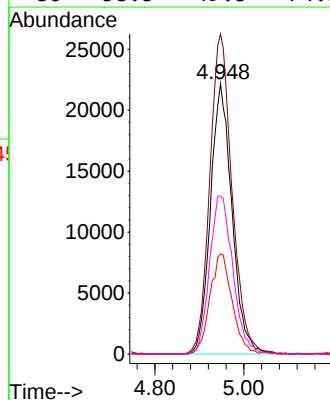
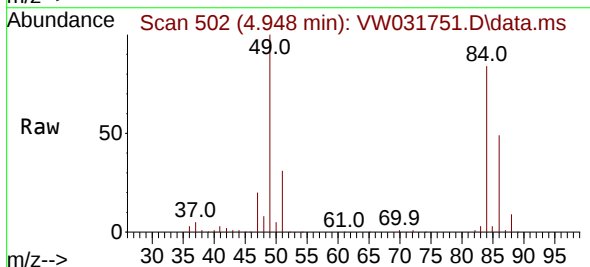
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

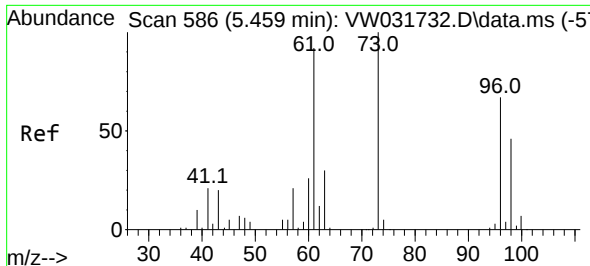
Tgt Ion: 73 Resp: 91645
Ion Ratio Lower Upper
73 100
57 20.7 17.2 25.8



#20
Methylene Chloride
Concen: 20.926 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 84 Resp: 74459
Ion Ratio Lower Upper
84 100
49 118.3 98.2 147.4
51 36.9 29.8 44.8
86 58.5 49.5 74.3

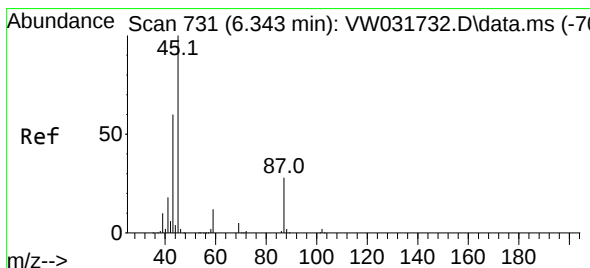
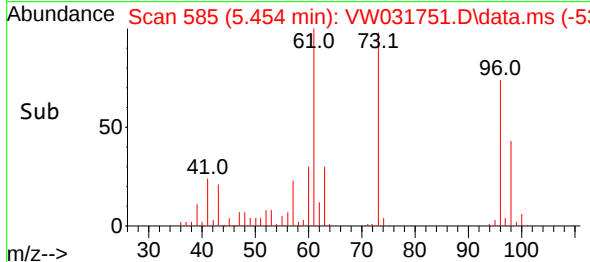
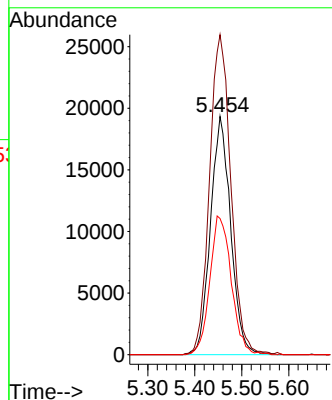
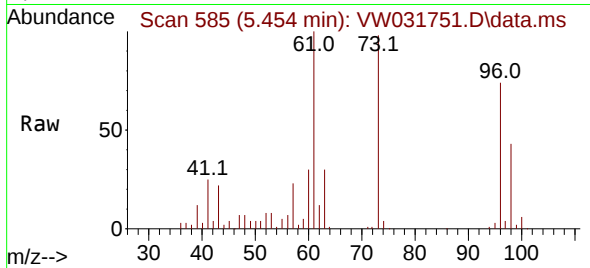




#21
trans-1,2-Dichloroethene
Concen: 20.633 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

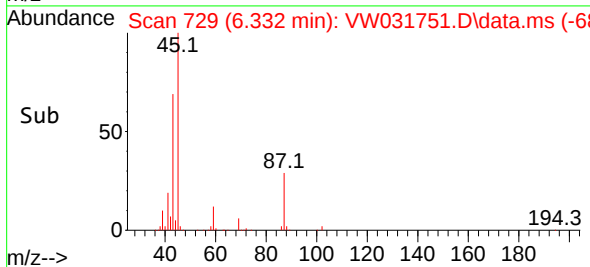
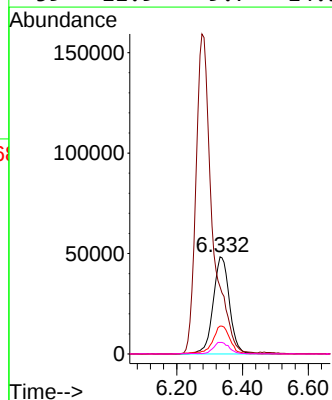
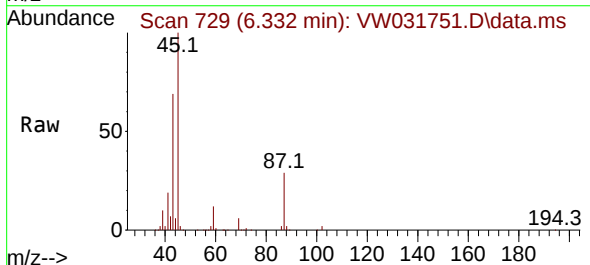
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

Tgt Ion: 96 Resp: 57803
Ion Ratio Lower Upper
96 100
61 134.3 109.8 164.6
98 57.2 54.9 82.3



#22
Diisopropyl ether
Concen: 21.034 ug/l
RT: 6.332 min Scan# 729
Delta R.T. -0.012 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 45 Resp: 165952
Ion Ratio Lower Upper
45 100
43 69.1 48.3 72.5
87 28.7 22.6 34.0
59 11.9 9.7 14.5

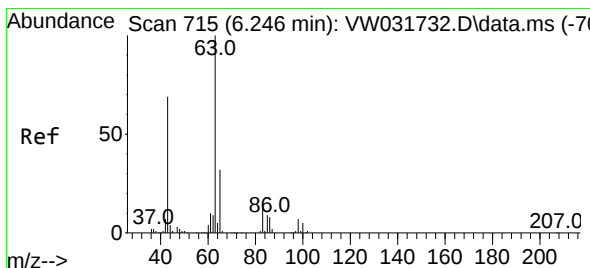
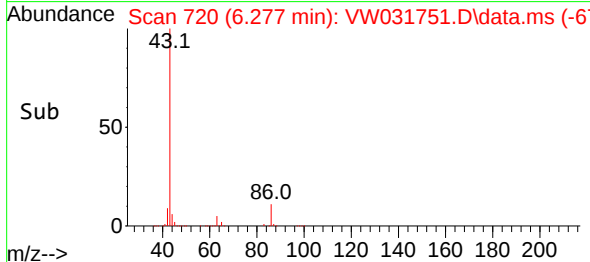
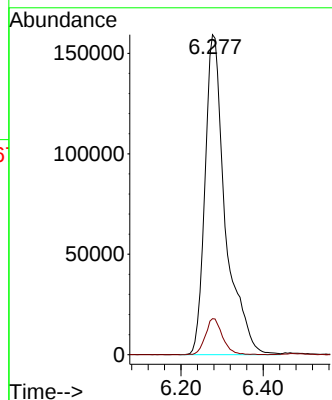
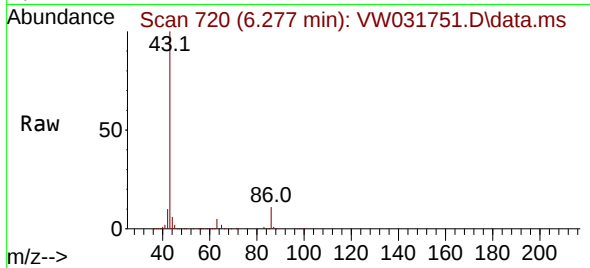




#23
 Vinyl Acetate
 Concen: 101.626 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

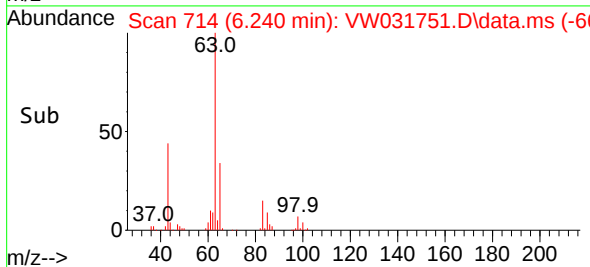
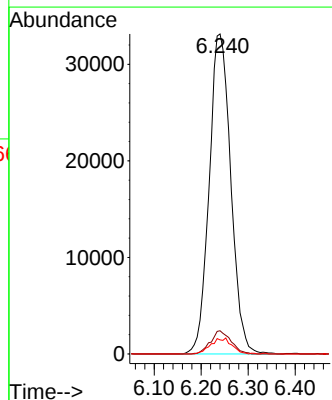
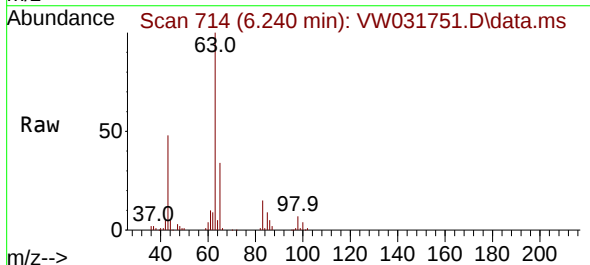
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

Tgt Ion: 43 Resp: 547656
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 20.700 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

Tgt Ion: 63 Resp: 105881
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.6
 100 4.4 2.5 7.5

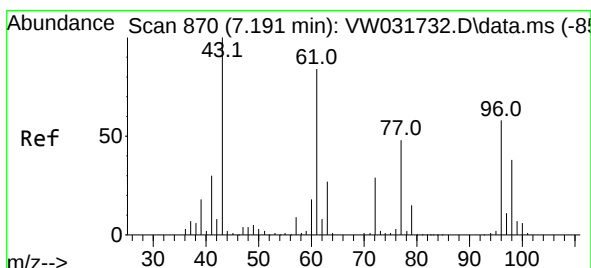
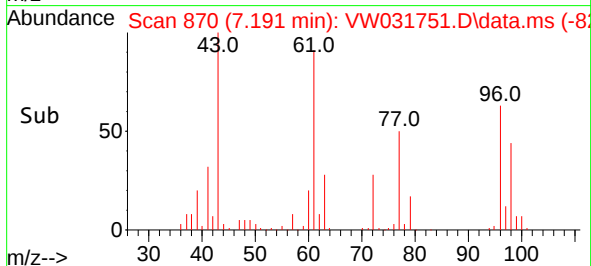
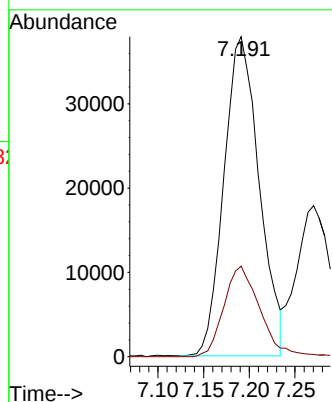
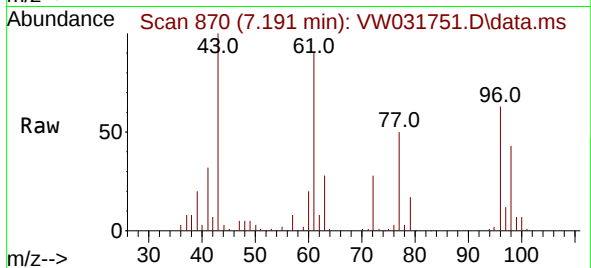




#25
2-Butanone
Concen: 99.820 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

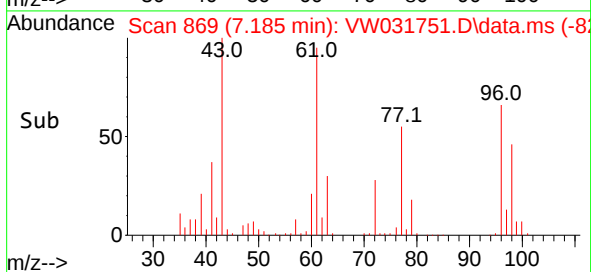
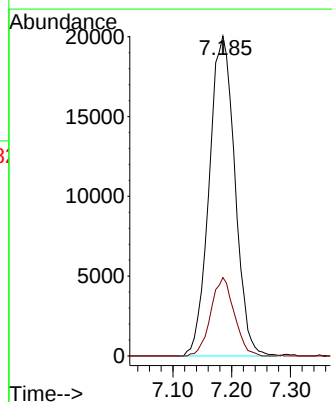
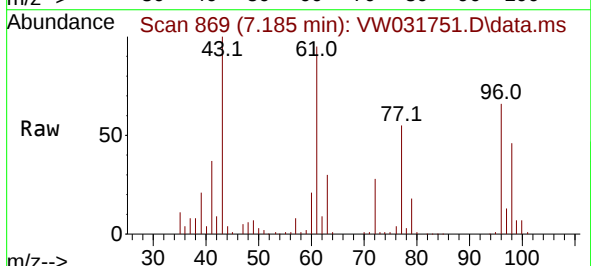
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

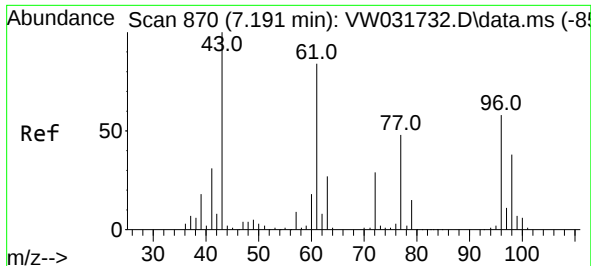
Tgt Ion: 43 Resp: 101927
Ion Ratio Lower Upper
43 100
72 28.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.419 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 77 Resp: 60939
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 20.796 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

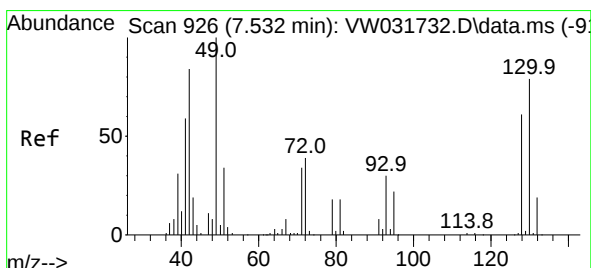
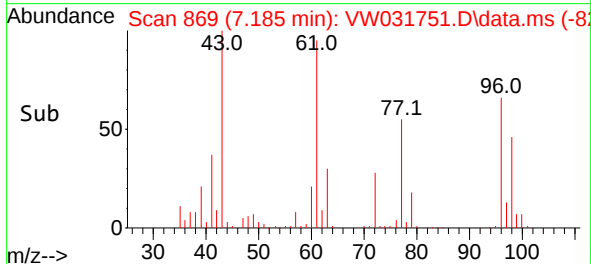
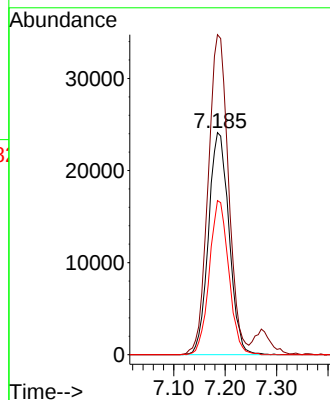
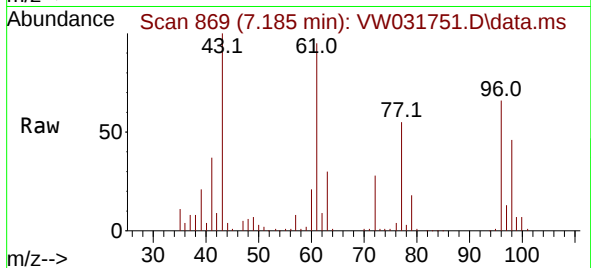
Tgt Ion: 96 Resp: 66969

Ion Ratio Lower Upper

96 100

61 142.9 0.0 286.8

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 20.370 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

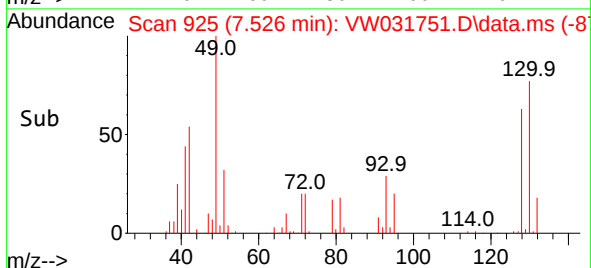
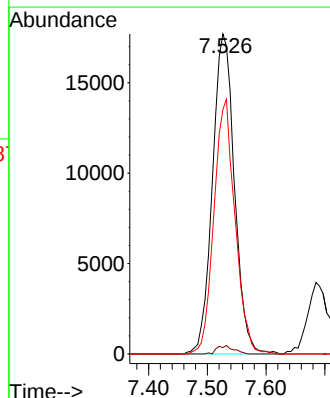
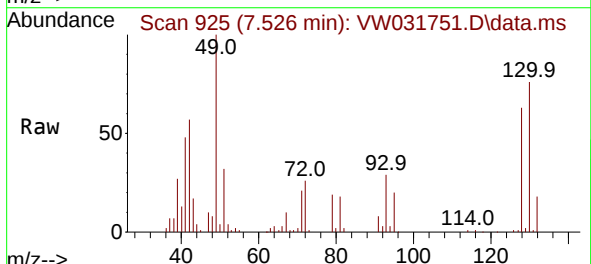
Tgt Ion: 49 Resp: 45980

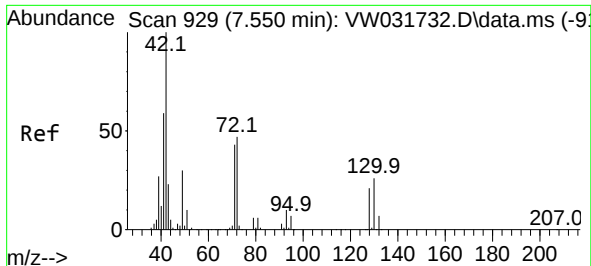
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.4

130 76.4 61.3 91.9





#29

Tetrahydrofuran

Concen: 98.868 ug/l

RT: 7.545 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

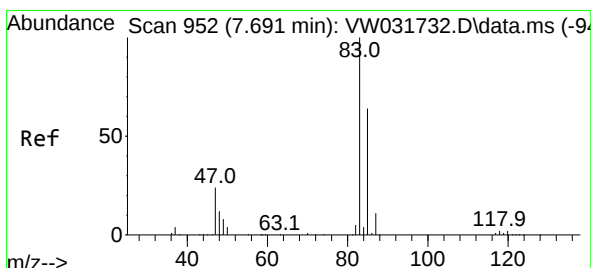
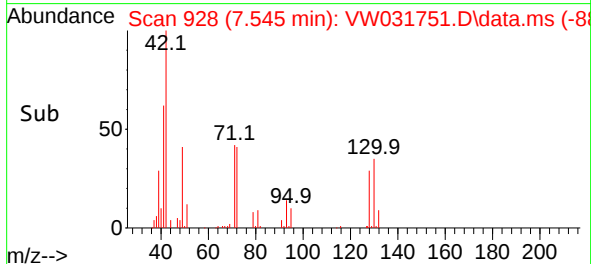
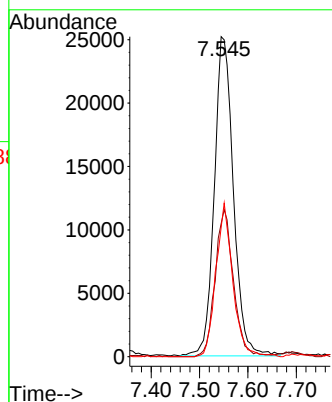
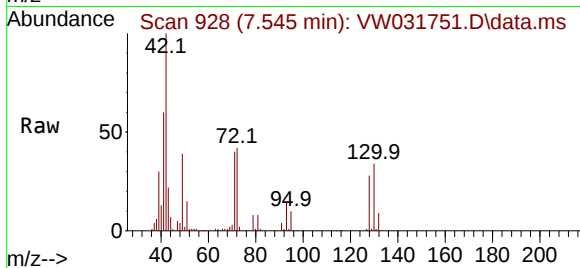
Tgt Ion: 42 Resp: 69137

Ion Ratio Lower Upper

42 100

72 44.3 36.8 55.2

71 42.4 34.6 52.0



#30

Chloroform

Concen: 20.801 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031751.D

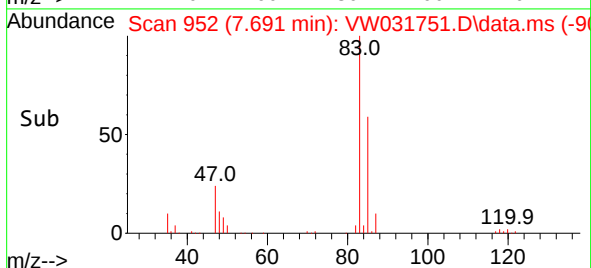
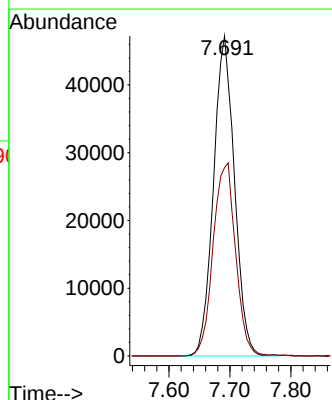
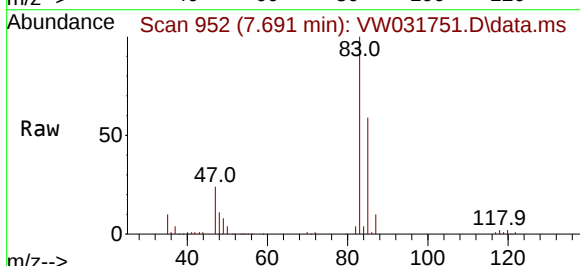
Acq: 02 Jul 2025 11:16

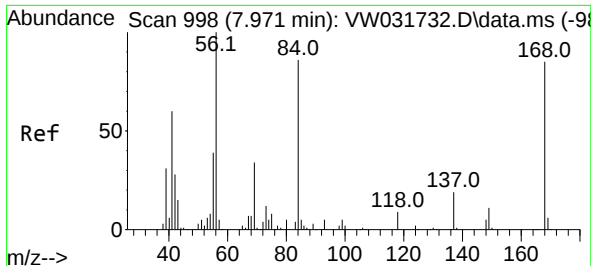
Tgt Ion: 83 Resp: 113057

Ion Ratio Lower Upper

83 100

85 58.9 51.4 77.0

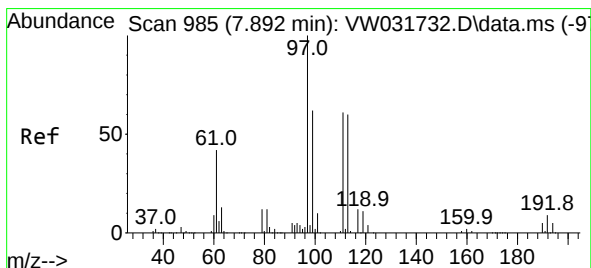
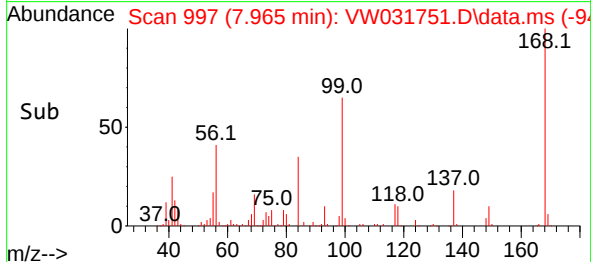
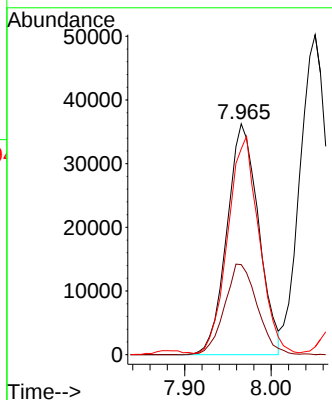
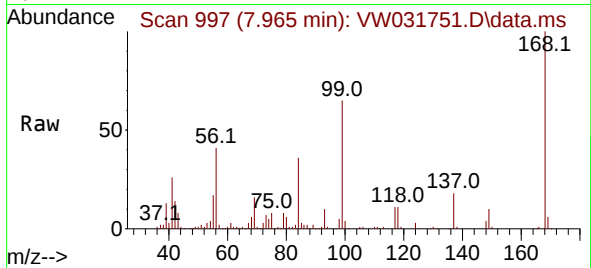




#31
Cyclohexane
Concen: 20.406 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

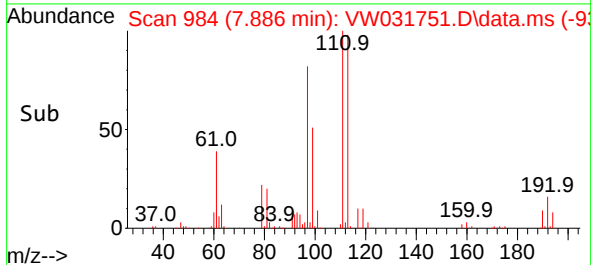
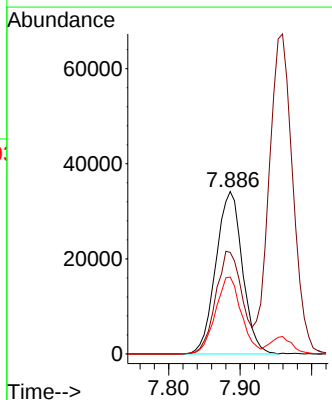
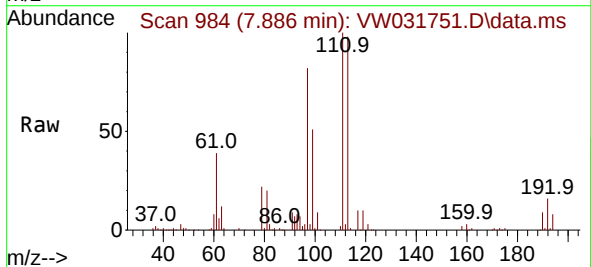
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

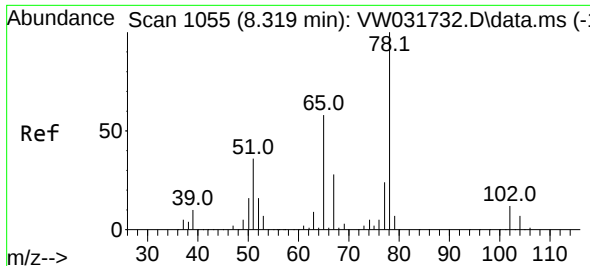
Tgt Ion: 56 Resp: 92265
Ion Ratio Lower Upper
56 100
69 39.1 27.2 40.8
84 87.4 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 21.024 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 97 Resp: 88061
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.6
61 46.3 36.0 54.0

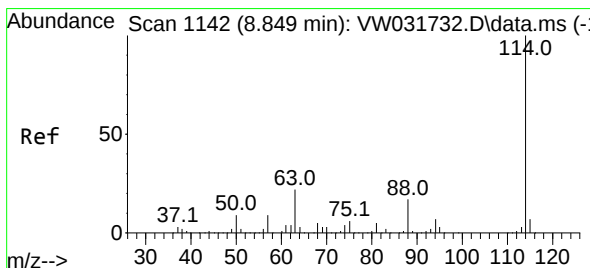
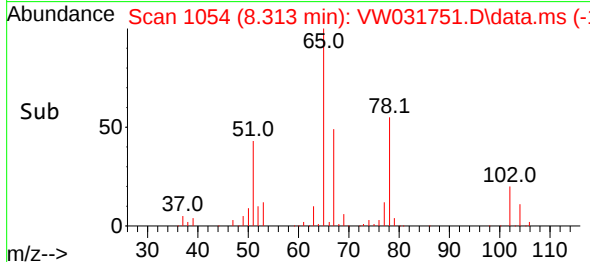
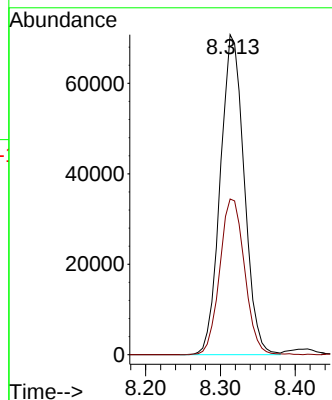
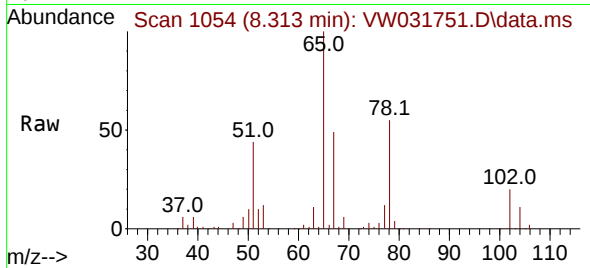




#33
 1,2-Dichloroethane-d4
 Concen: 49.539 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

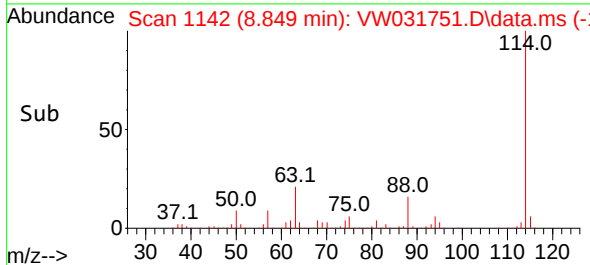
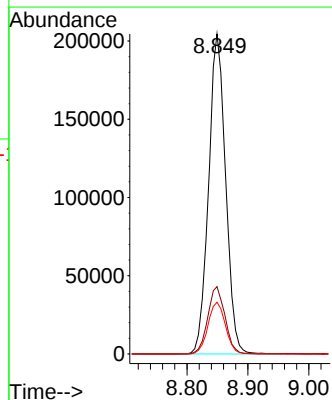
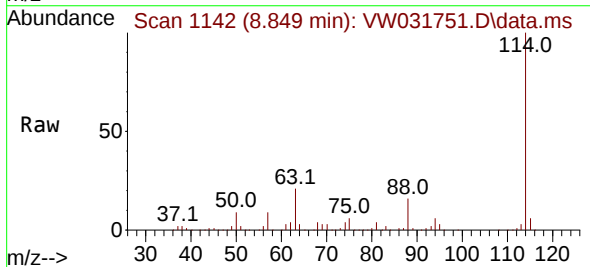
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

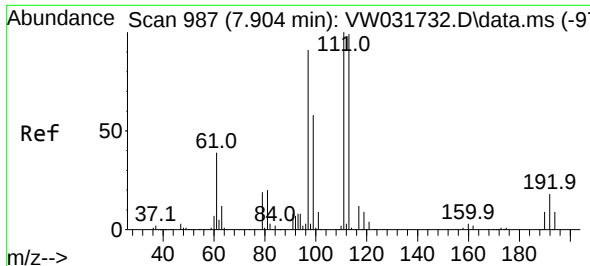
Tgt Ion: 65 Resp: 157309
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

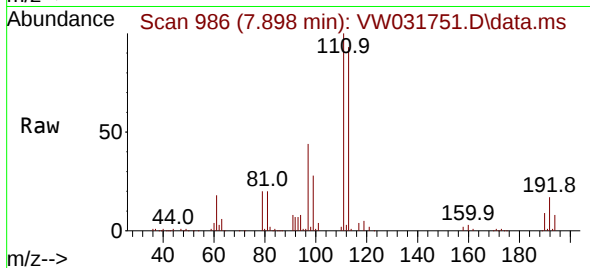
Tgt Ion: 114 Resp: 396891
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.6
 88 16.1 0.0 34.2



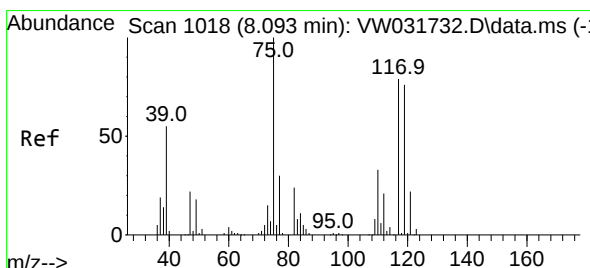
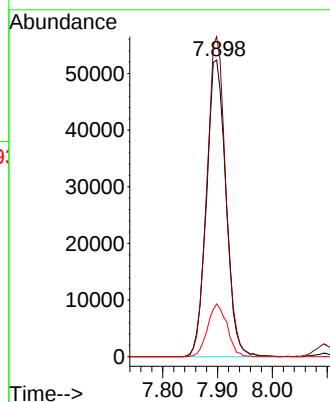
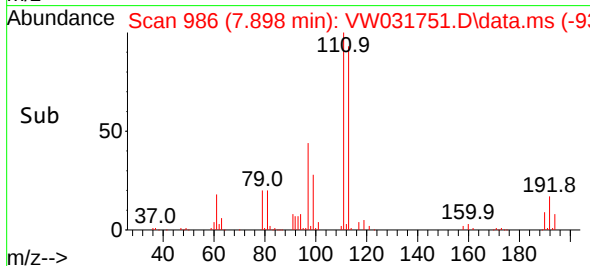


#35
 Dibromofluoromethane
 Concen: 49.845 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

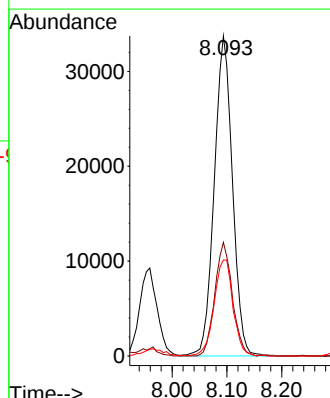
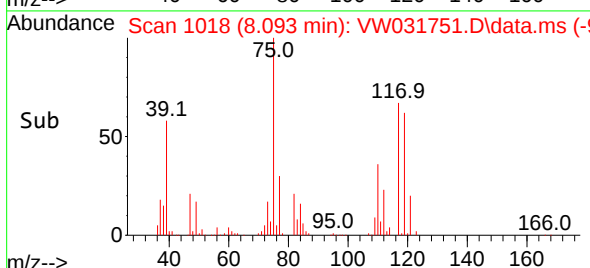
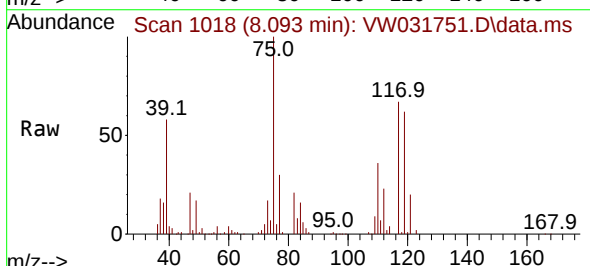


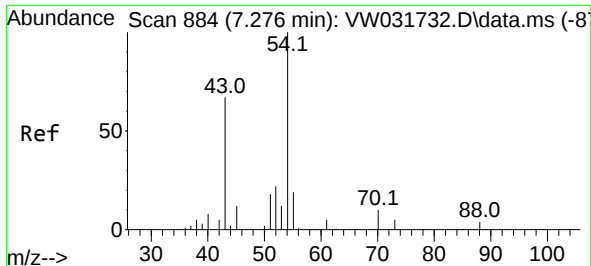
Tgt Ion:113	Resp:	129094	
Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.1	123.1
192	17.8	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 20.745 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

Tgt Ion: 75	Resp: 77747
Ion Ratio	Lower Upper
75 100	
110 34.1	16.8 50.4
77 31.3	25.0 37.6





#37

Ethyl Acetate

Concen: 20.898 ug/l

RT: 7.270 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

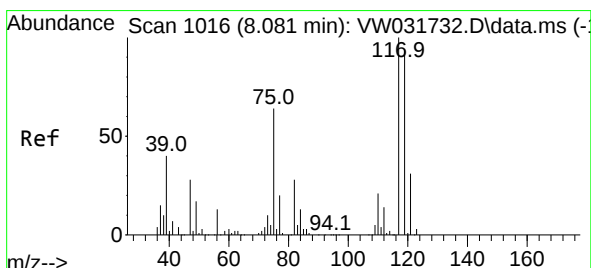
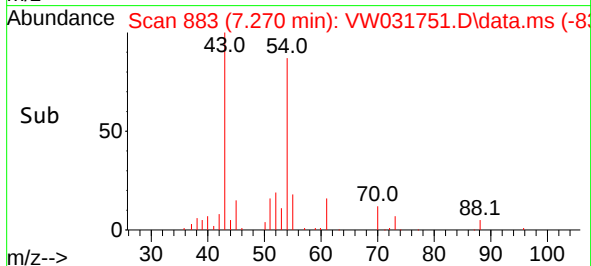
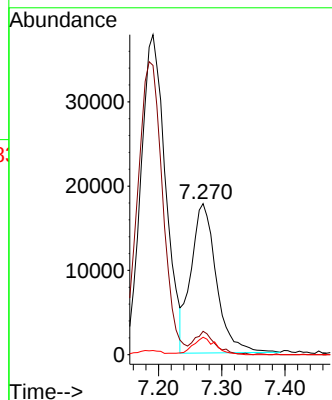
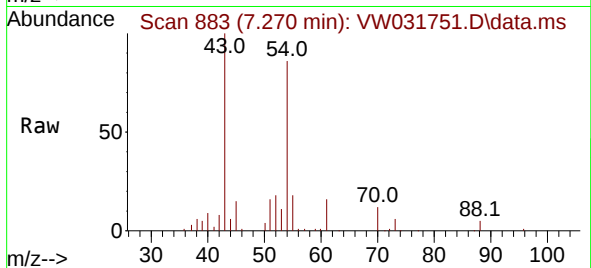
Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

Tgt Ion: 43	Resp: 49405
Ion Ratio	Lower Upper
43 100	
61 12.7	10.9 16.3
70 10.4	9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.608 ug/l

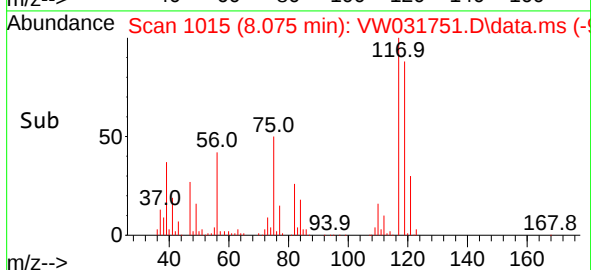
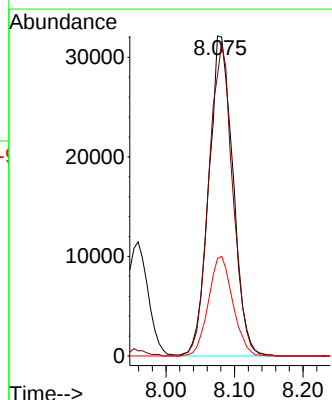
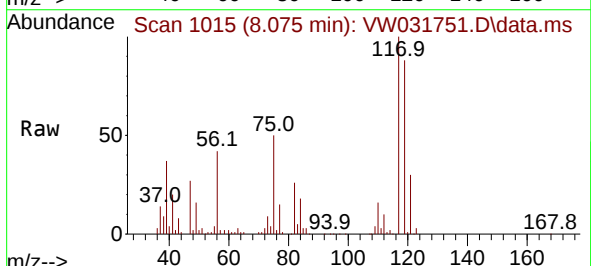
RT: 8.075 min Scan# 1015

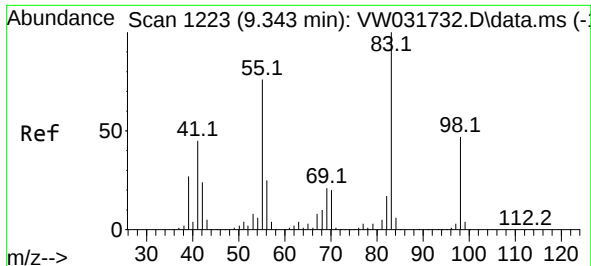
Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Tgt Ion:117	Resp:	78701	
Ion	Ratio	Lower	Upper
117	100		
119	87.7	75.0	112.6
121	30.4	24.6	37.0





#39

Methylcyclohexane

Concen: 20.818 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

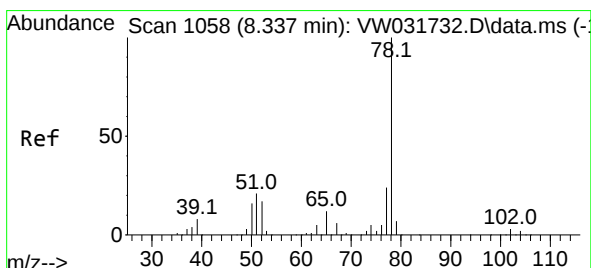
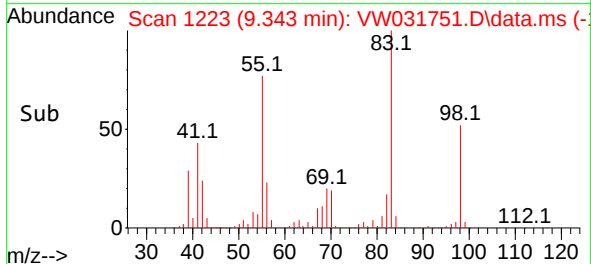
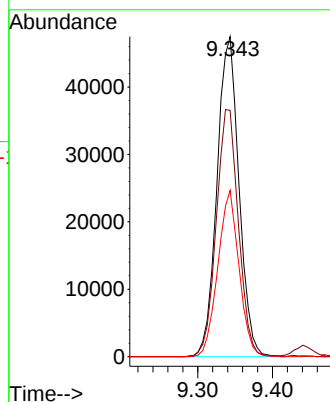
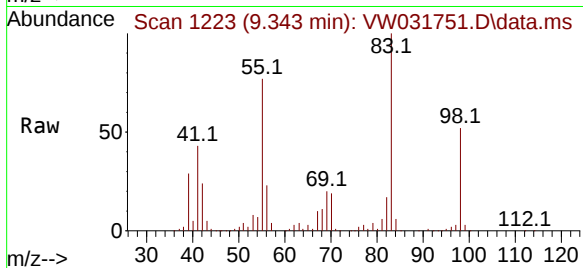
Tgt Ion: 83 Resp: 97071

Ion Ratio Lower Upper

83 100

55 77.0 61.0 91.4

98 52.0 37.9 56.9



#40

Benzene

Concen: 20.999 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031751.D

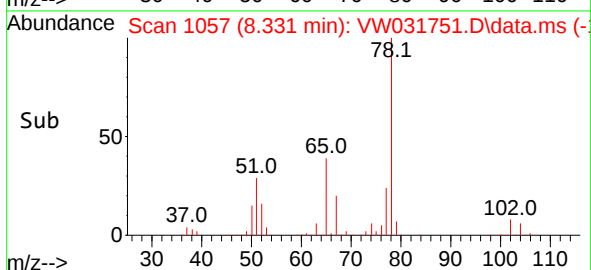
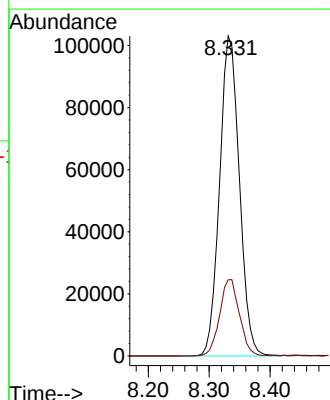
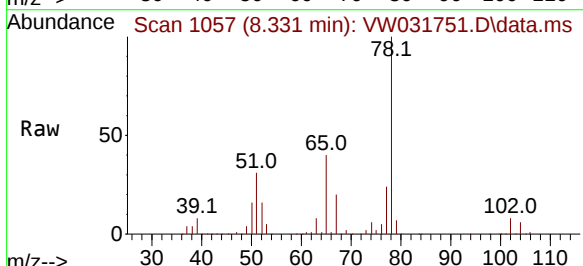
Acq: 02 Jul 2025 11:16

Tgt Ion: 78 Resp: 232834

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8

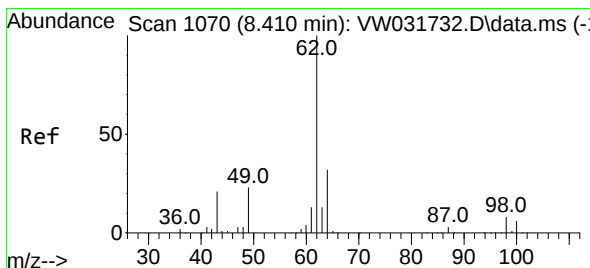
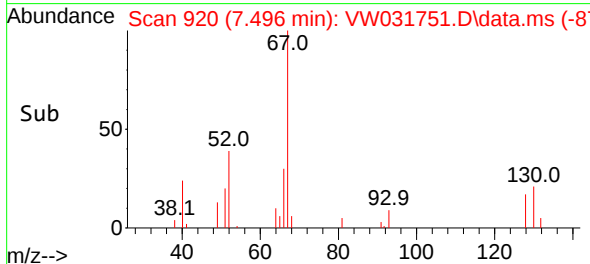
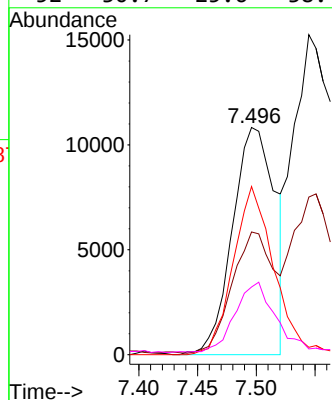
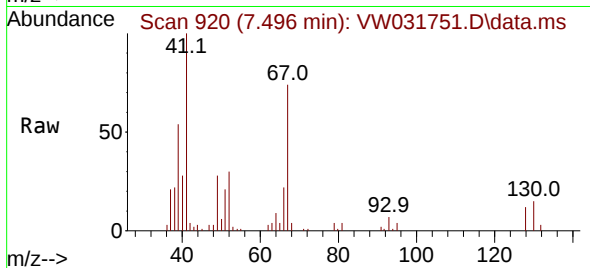




#41
Methacrylonitrile
Concen: 21.577 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

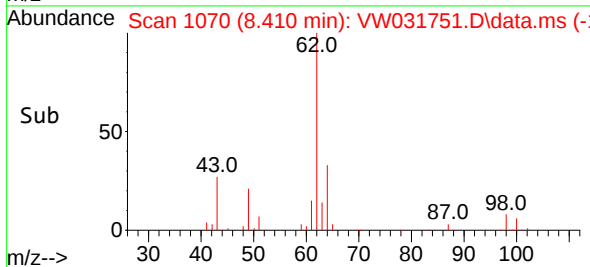
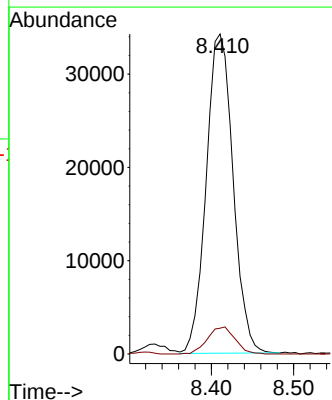
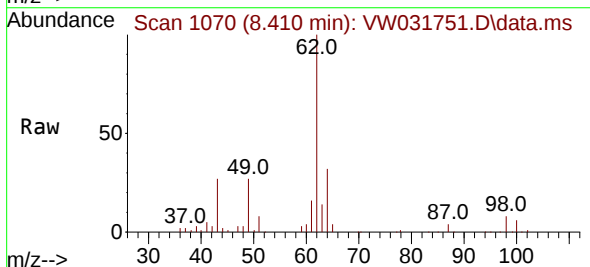
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

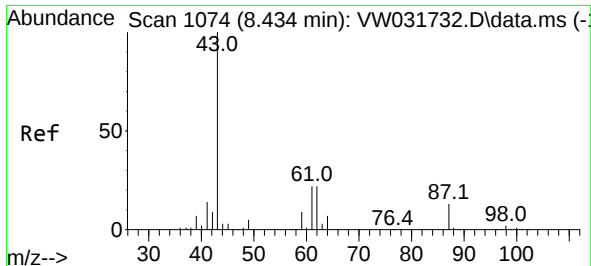
Tgt Ion: 41	Resp: 27326
Ion Ratio	Lower Upper
41 100	
39 52.5	43.2 64.8
67 71.0	58.1 87.1
52 30.7	25.6 38.4



#42
1,2-Dichloroethane
Concen: 20.743 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 62	Resp: 77712
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 17.2

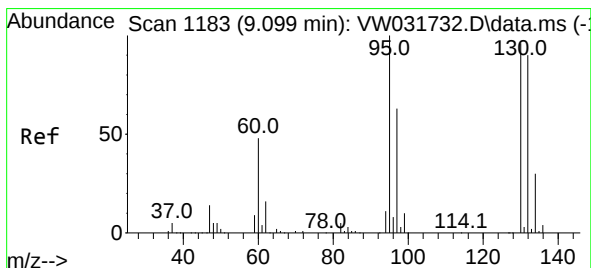
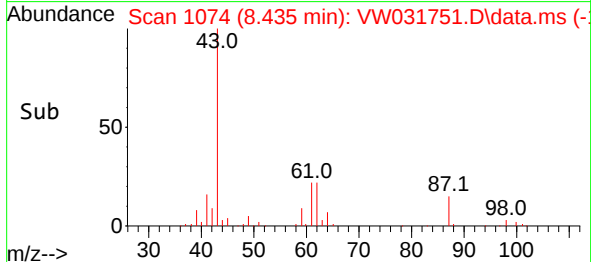
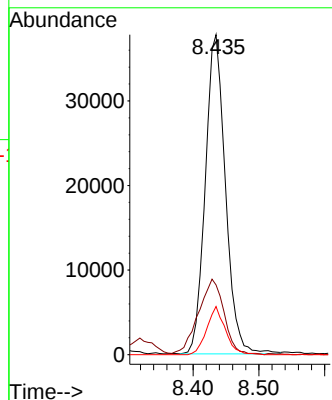
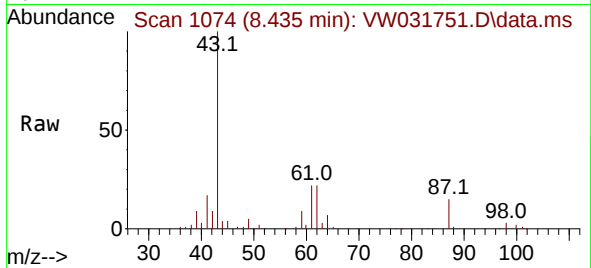




#43
Isopropyl Acetate
Concen: 19.788 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

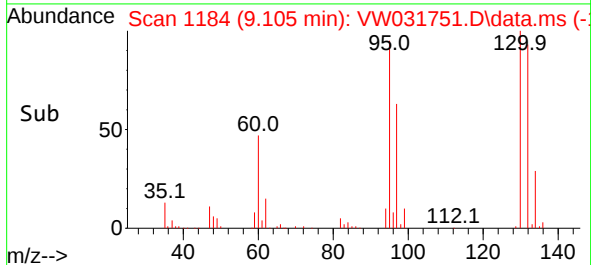
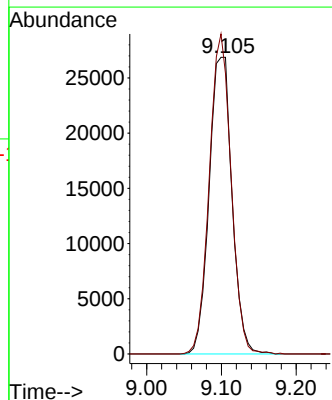
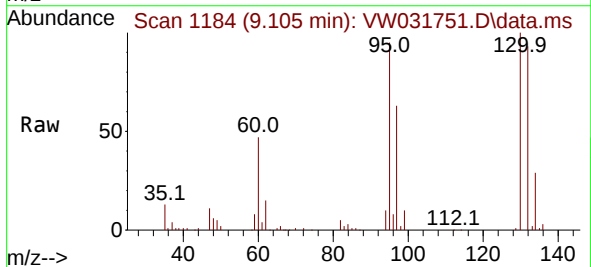
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

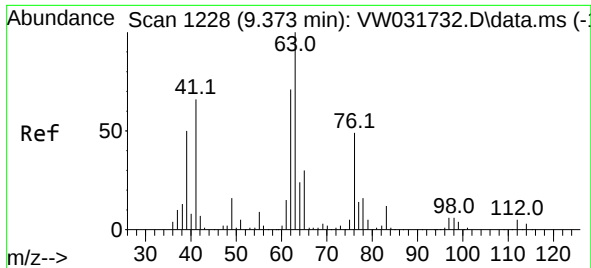
Tgt Ion: 43 Resp: 80641
Ion Ratio Lower Upper
43 100
61 30.1 23.1 34.7
87 13.9 10.8 16.2



#44
Trichloroethene
Concen: 20.702 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 130 Resp: 57293
Ion Ratio Lower Upper
130 100
95 94.6 0.0 208.6

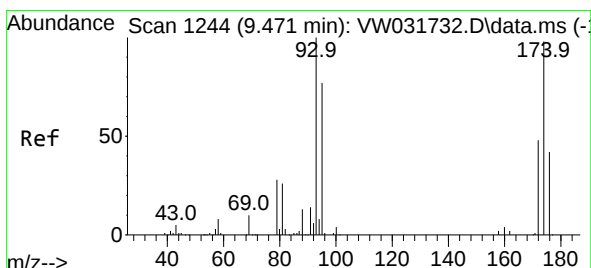
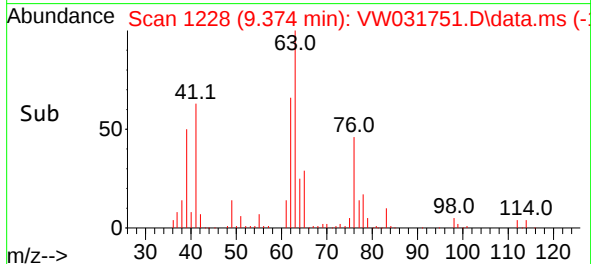
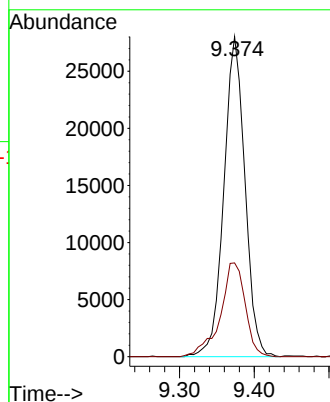
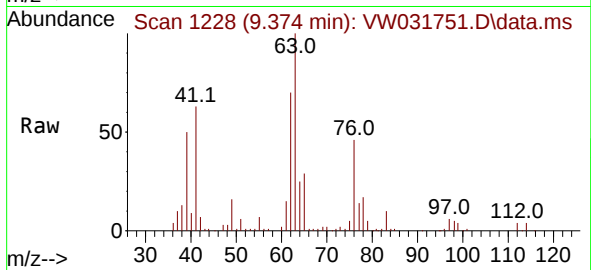




#45
1,2-Dichloropropane
Concen: 20.518 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

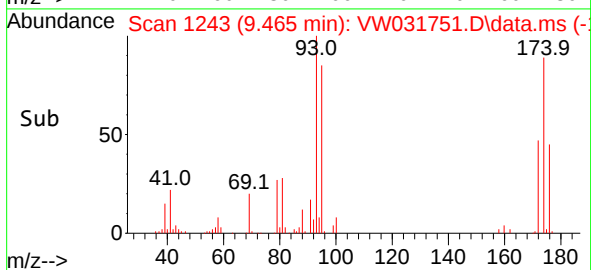
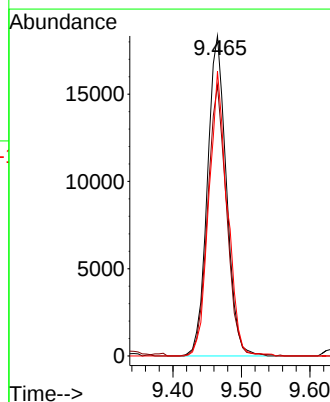
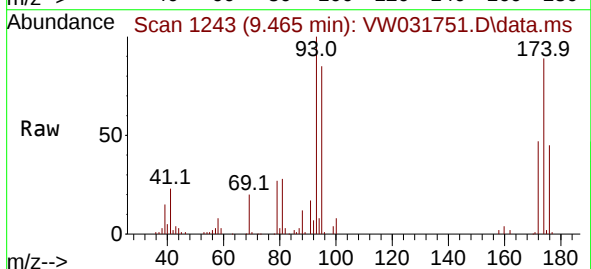
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

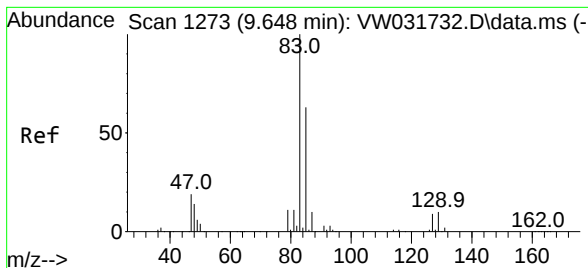
Tgt Ion: 63 Resp: 54985
Ion Ratio Lower Upper
63 100
65 29.3 24.2 36.4



#46
Dibromomethane
Concen: 20.468 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 93 Resp: 35411
Ion Ratio Lower Upper
93 100
95 84.2 67.0 100.4
174 86.1 71.7 107.5





#47

Bromodichloromethane

Concen: 20.665 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

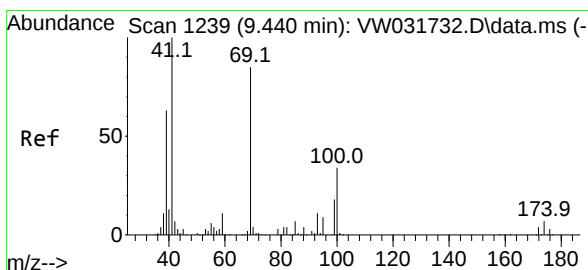
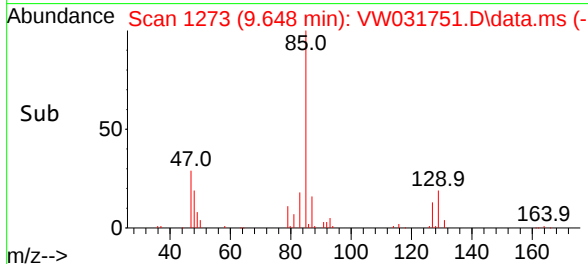
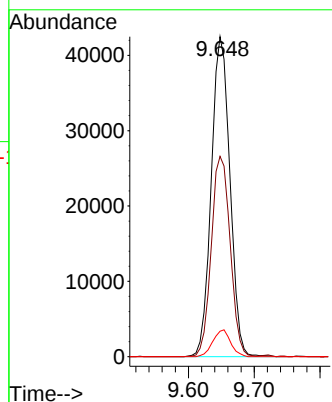
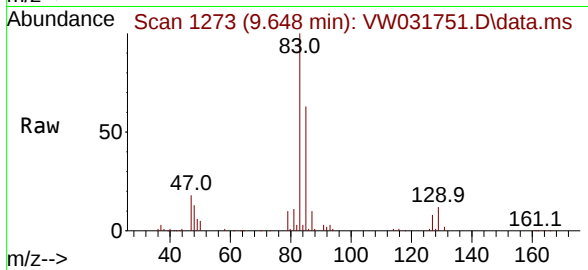
Tgt Ion: 83 Resp: 83838

Ion Ratio Lower Upper

83 100

85 62.6 50.8 76.2

127 7.9 6.8 10.2



#48

Methyl methacrylate

Concen: 19.257 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

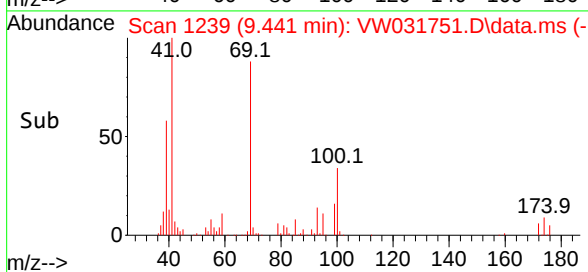
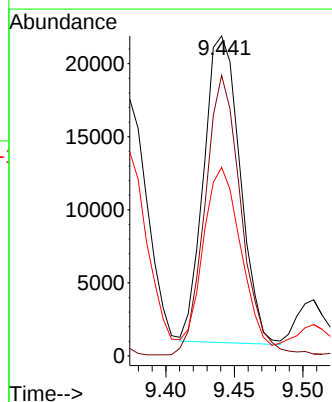
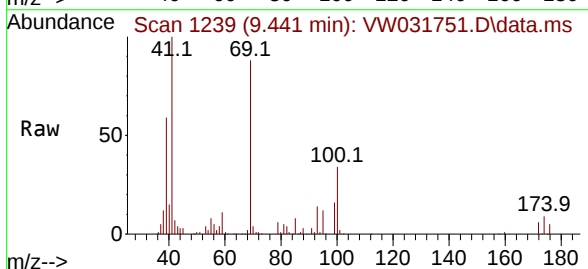
Tgt Ion: 41 Resp: 38588

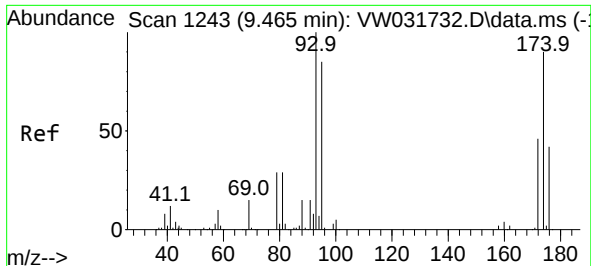
Ion Ratio Lower Upper

41 100

69 90.6 71.6 107.4

39 58.4 49.5 74.3

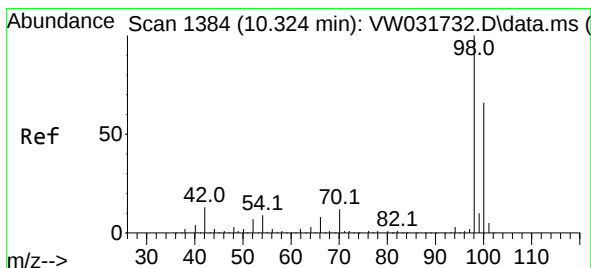
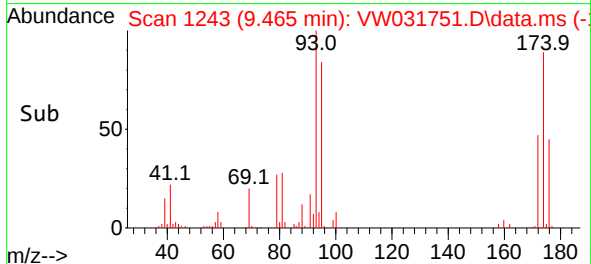
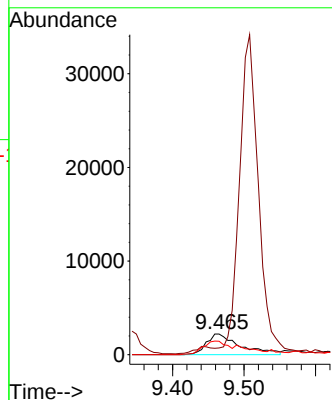
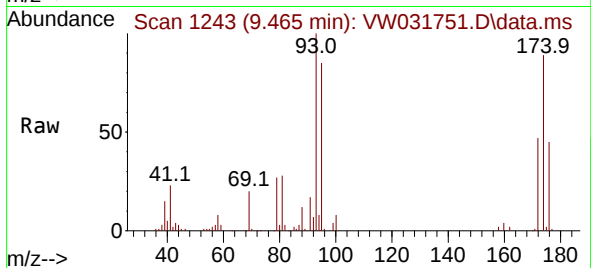




#49
1,4-Dioxane
Concen: 357.104 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

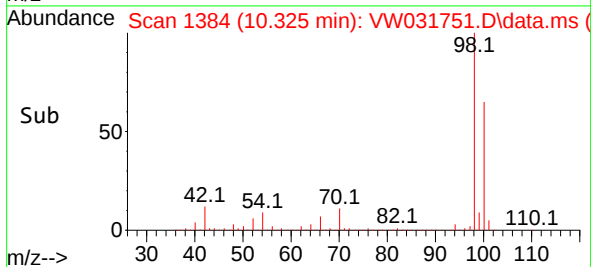
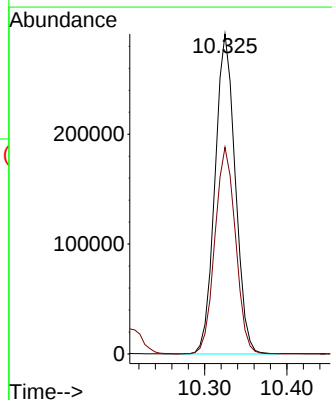
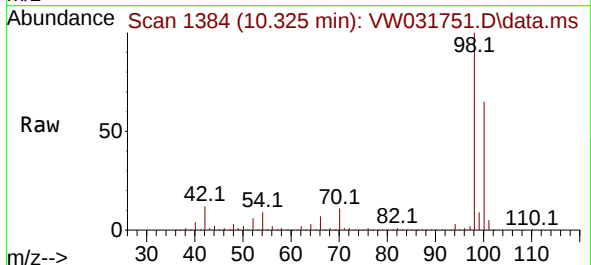
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

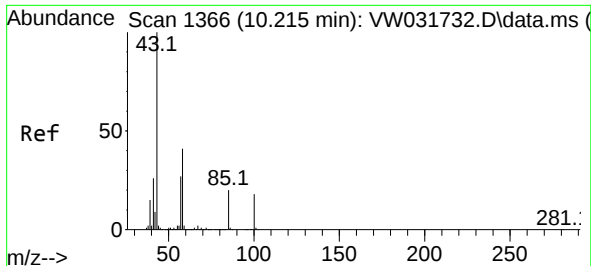
Tgt Ion: 88 Resp: 7236
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 47.6 58.3 87.5#



#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 98 Resp: 498024
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

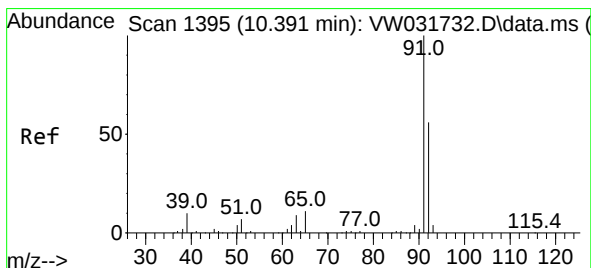
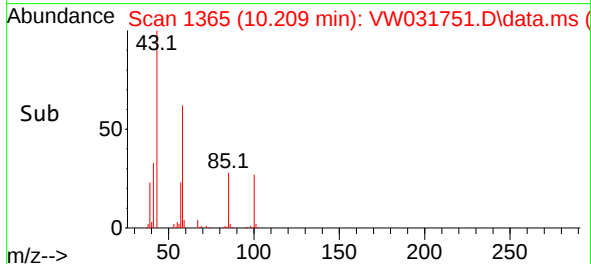
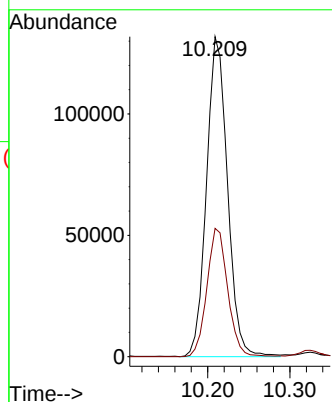
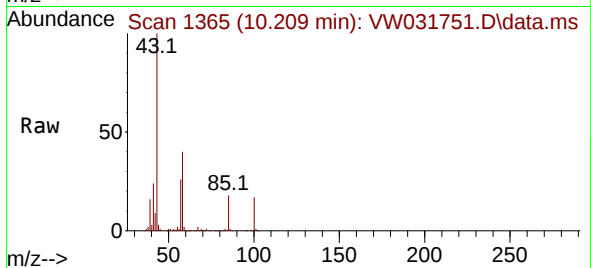




#51
4-Methyl-2-Pentanone
Concen: 99.804 ug/l
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

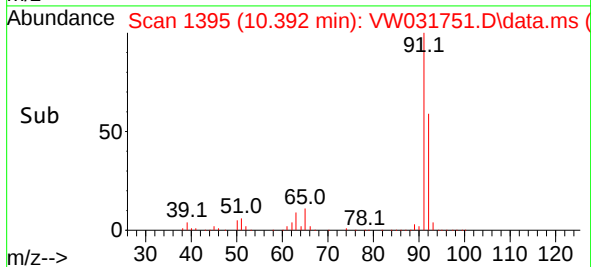
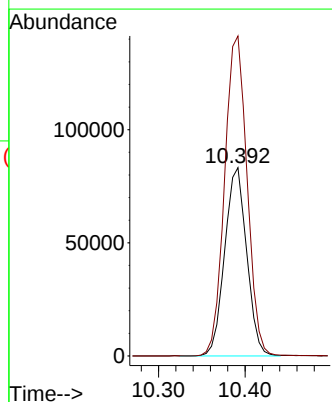
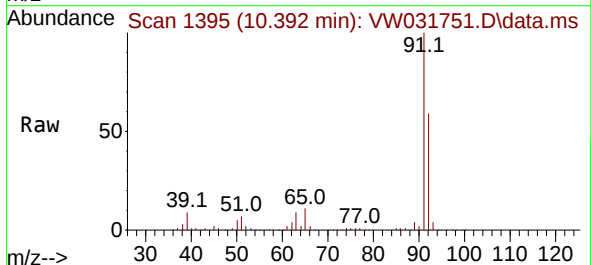
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

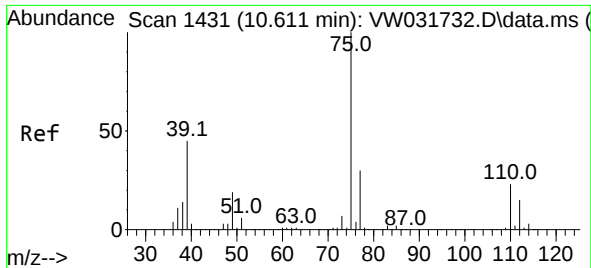
Tgt Ion: 43 Resp: 233829
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 20.702 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 92 Resp: 146964
Ion Ratio Lower Upper
92 100
91 173.8 139.5 209.3

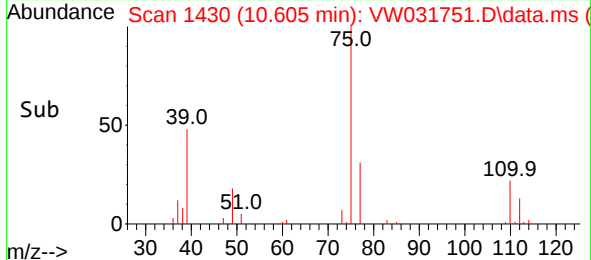
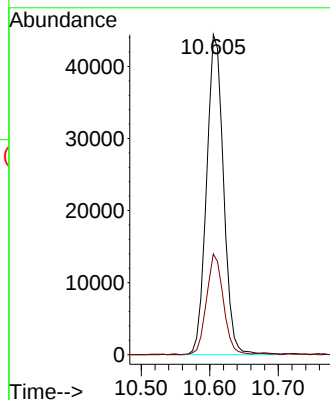
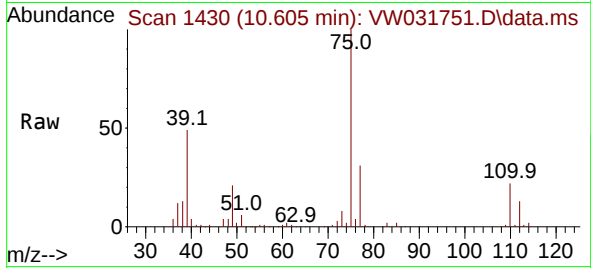




#53
 t-1,3-Dichloropropene
 Concen: 20.166 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

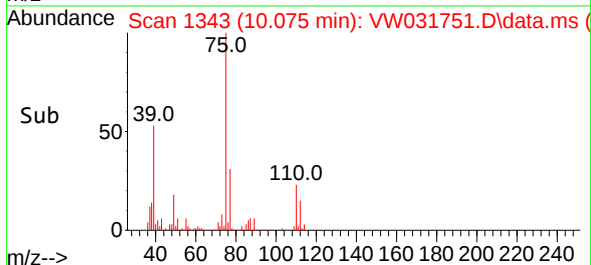
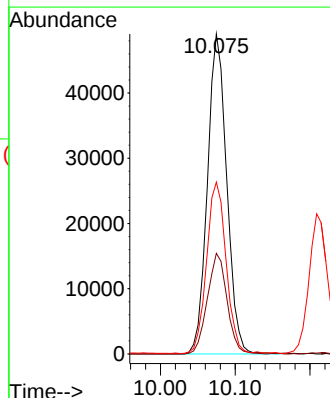
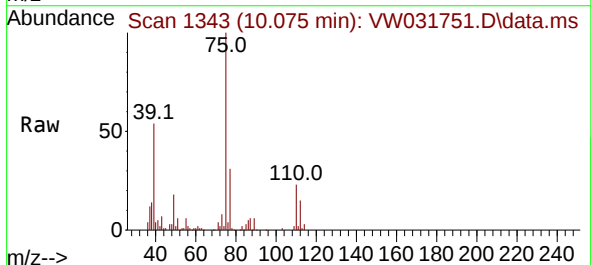
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0702SBS01

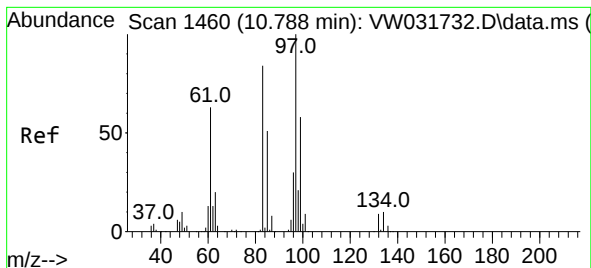
Tgt Ion: 75 Resp: 76761
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.383 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031751.D
 Acq: 02 Jul 2025 11:16

Tgt Ion: 75 Resp: 87956
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2
 39 53.5 41.8 62.6

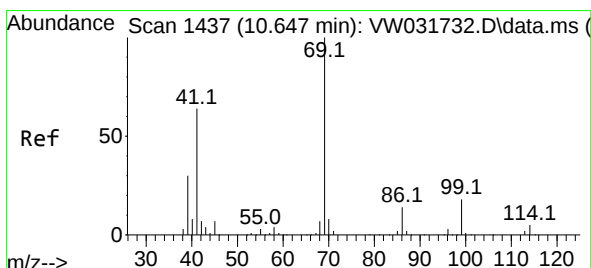
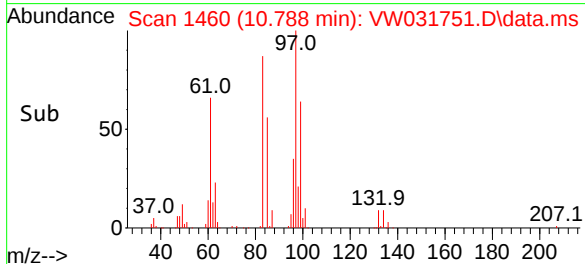
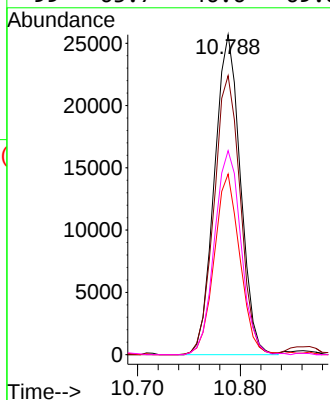
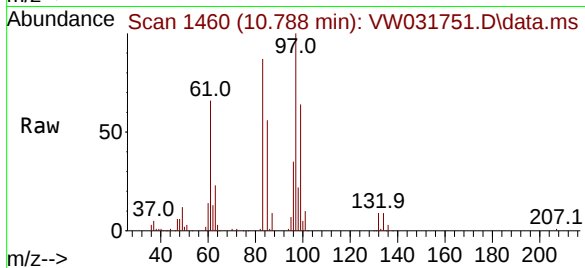




#55
1,1,2-Trichloroethane
Concen: 19.898 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

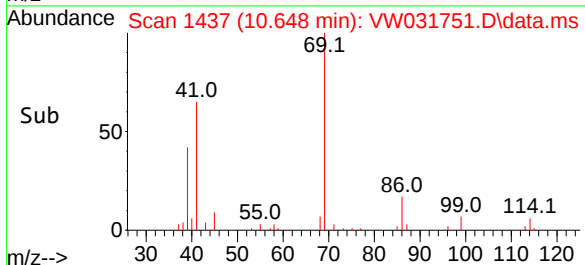
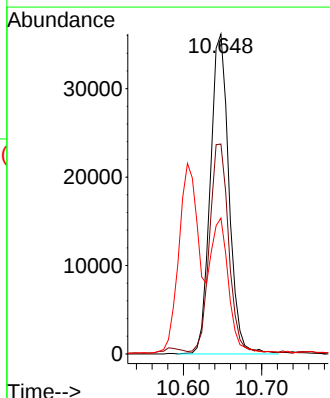
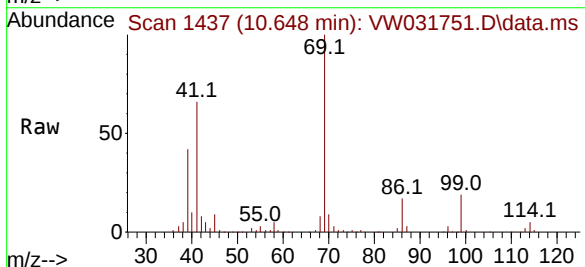
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

Tgt Ion:	97	Resp:	45094
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.9	100.3
85	56.5	41.1	61.7
99	63.7	46.6	69.8



#56
Ethyl methacrylate
Concen: 19.473 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:	69	Resp:	59872
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	38.3	30.2	45.2

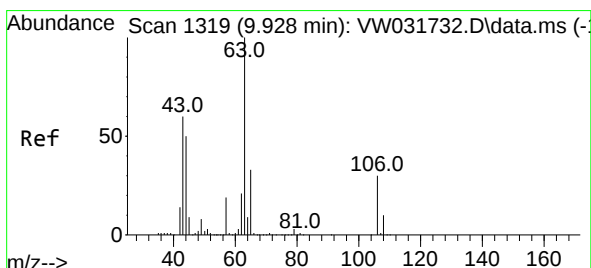
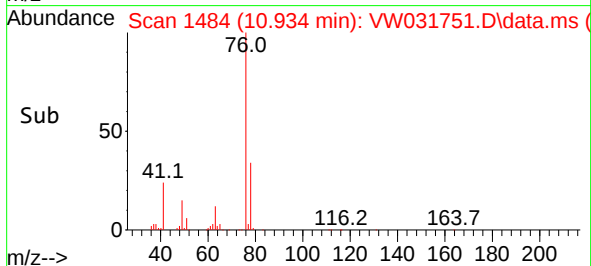
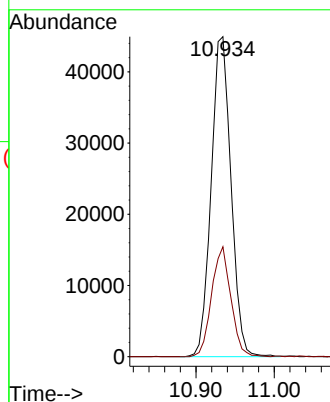
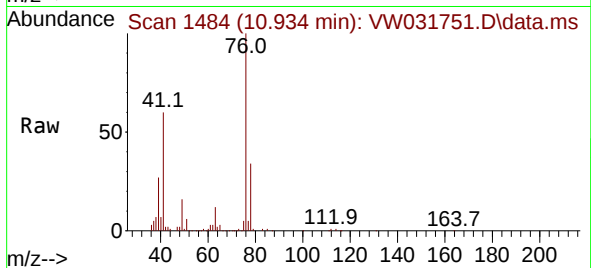




#57
1,3-Dichloropropane
Concen: 19.869 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

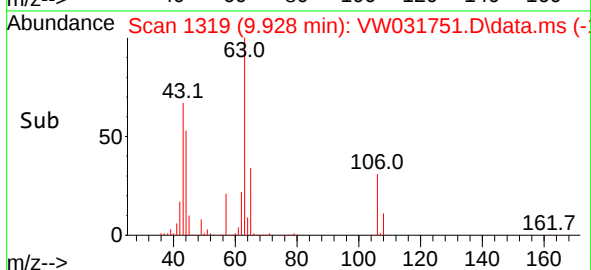
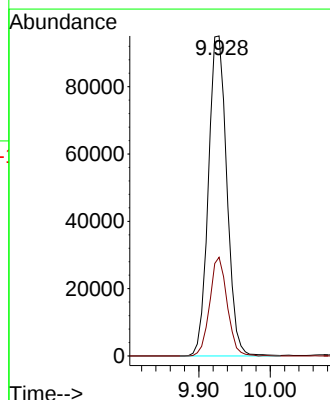
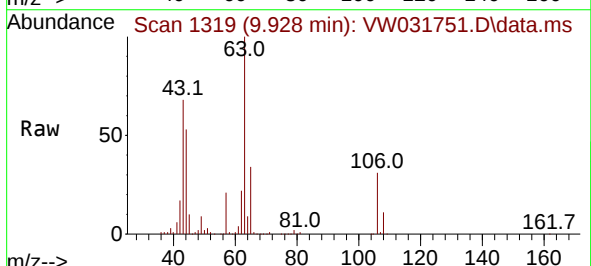
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

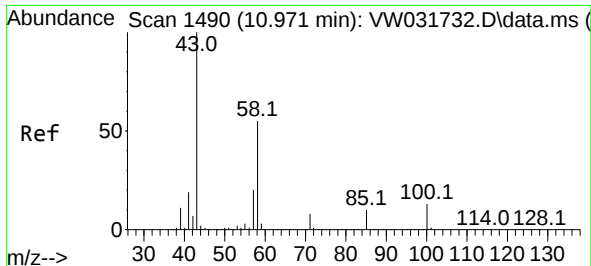
Tgt Ion: 76 Resp: 79056
Ion Ratio Lower Upper
76 100
78 33.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 100.473 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 63 Resp: 170102
Ion Ratio Lower Upper
63 100
106 29.2 24.1 36.1





#59

2-Hexanone

Concen: 100.609 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

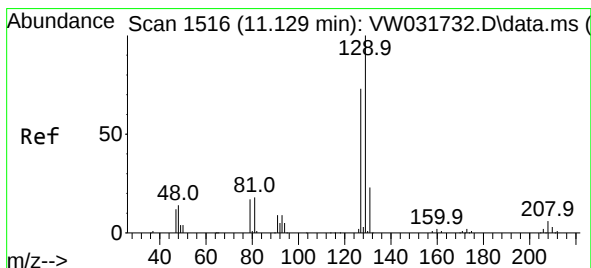
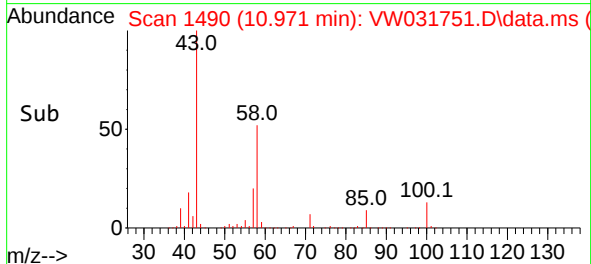
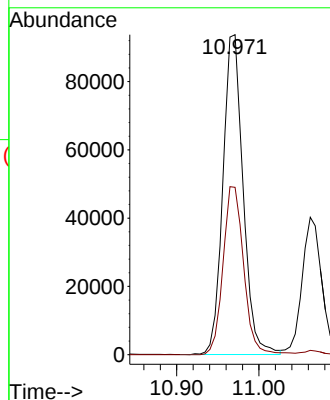
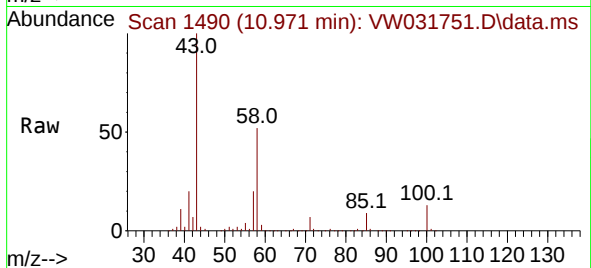
VW0702SBS01

Tgt Ion: 43 Resp: 159731

Ion Ratio Lower Upper

43 100

58 53.7 27.9 83.6



#60

Dibromochloromethane

Concen: 19.293 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031751.D

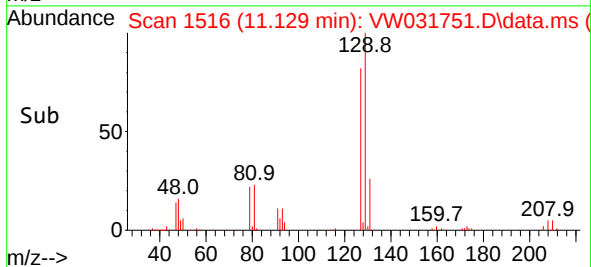
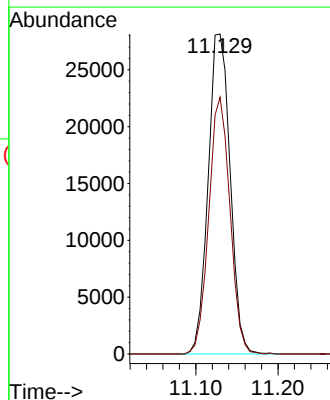
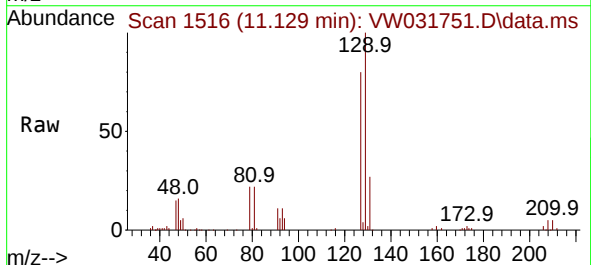
Acq: 02 Jul 2025 11:16

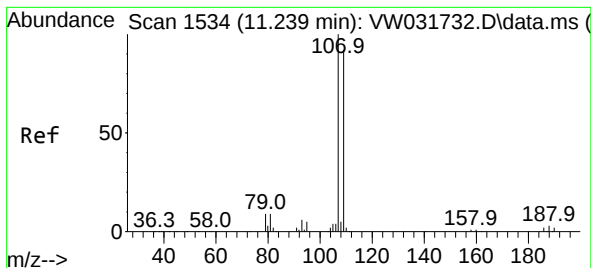
Tgt Ion:129 Resp: 52286

Ion Ratio Lower Upper

129 100

127 77.3 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.351 ug/l

RT: 11.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

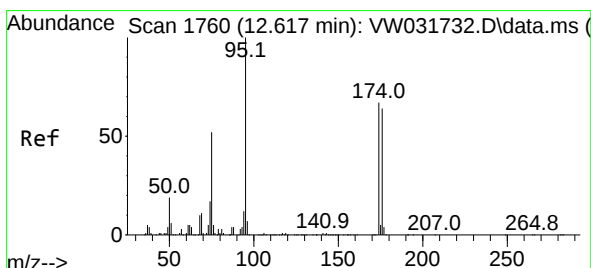
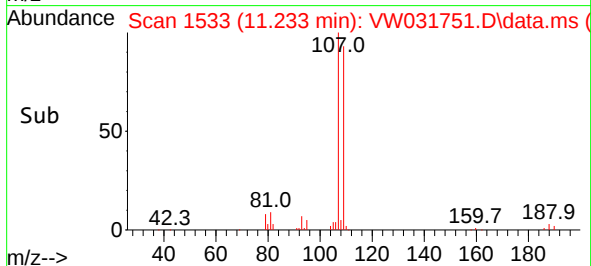
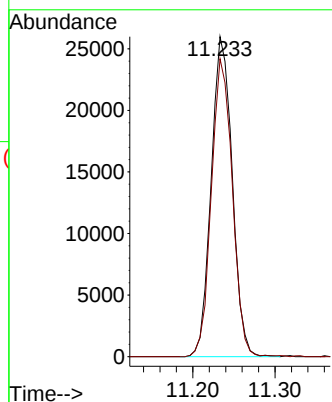
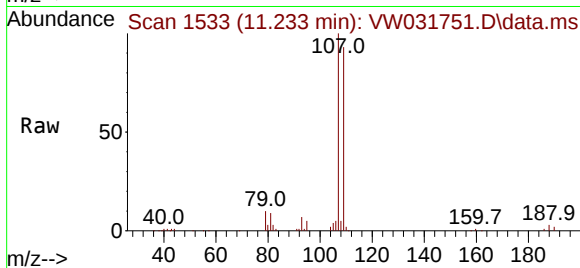
VW0702SBS01

Tgt Ion:107 Resp: 46172

Ion Ratio Lower Upper

107 100

109 92.9 73.9 110.9



#62

4-Bromofluorobenzene

Concen: 50.713 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

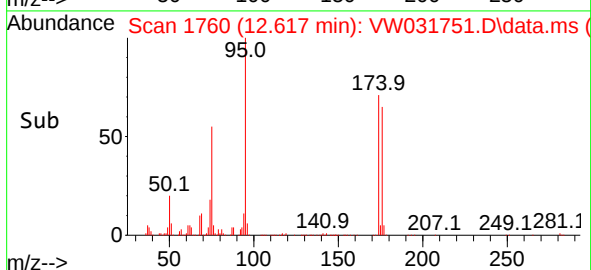
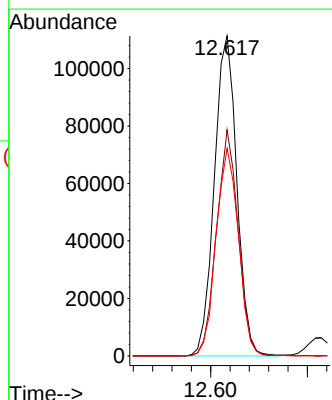
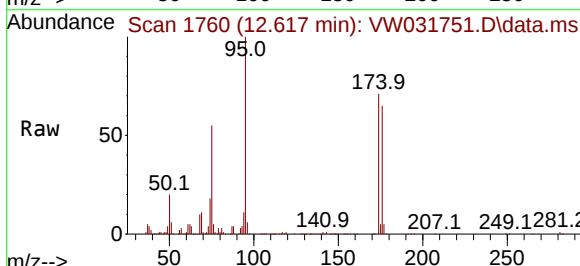
Tgt Ion: 95 Resp: 179868

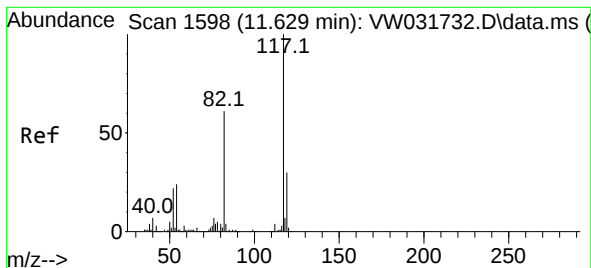
Ion Ratio Lower Upper

95 100

174 67.8 0.0 133.8

176 64.8 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

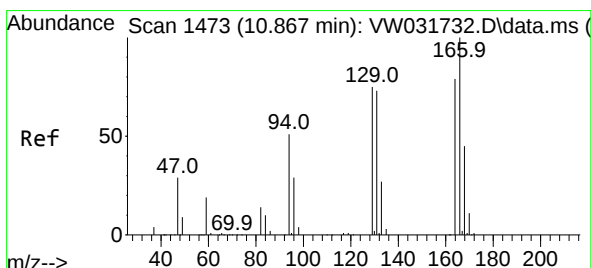
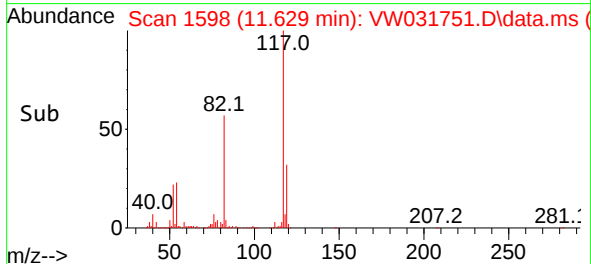
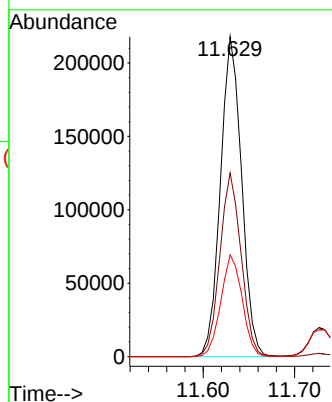
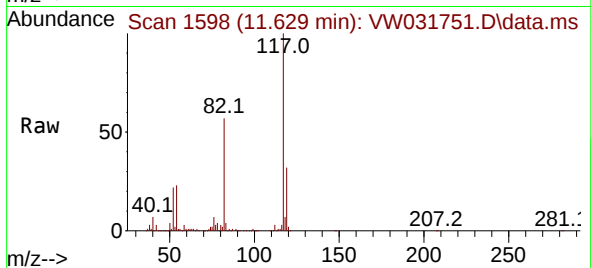
Tgt Ion:117 Resp: 351066

Ion Ratio Lower Upper

117 100

82 57.4 48.6 72.8

119 31.9 23.9 35.9



#64

Tetrachloroethene

Concen: 21.241 ug/l

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Tgt Ion:164 Resp: 48777

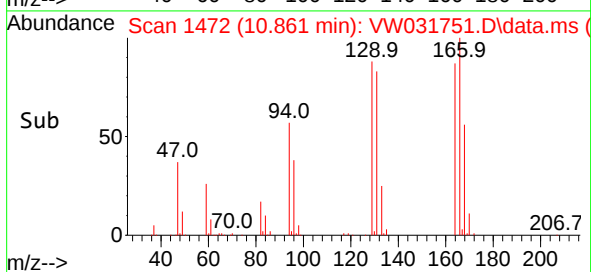
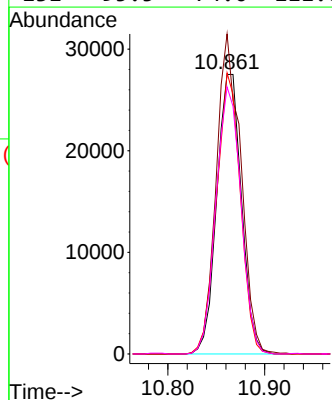
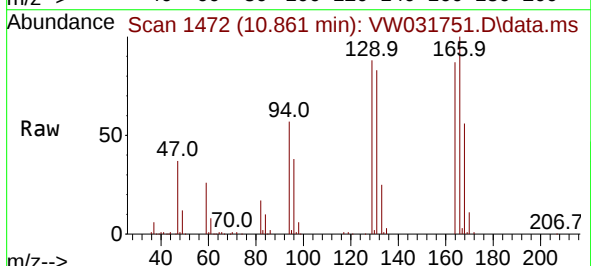
Ion Ratio Lower Upper

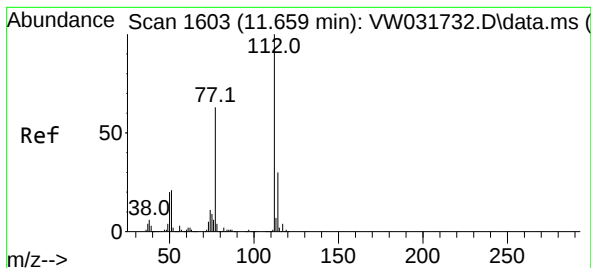
164 100

166 114.5 100.7 151.1

129 100.6 75.4 113.0

131 95.5 74.0 111.0





#65

Chlorobenzene

Concen: 21.059 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

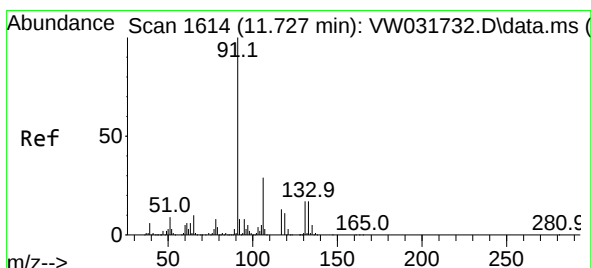
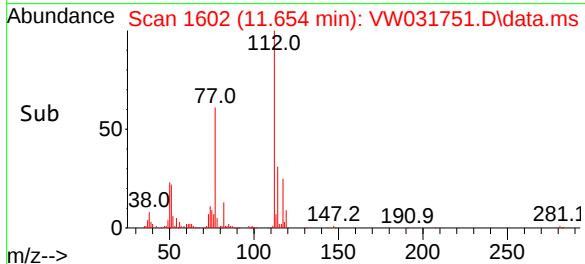
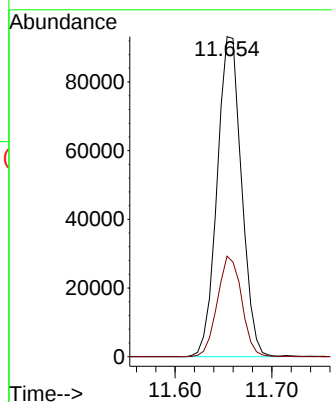
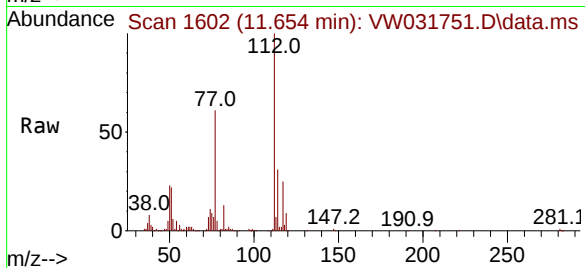
VW0702SBS01

Tgt Ion:112 Resp: 163117

Ion Ratio Lower Upper

112 100

114 31.4 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.970 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

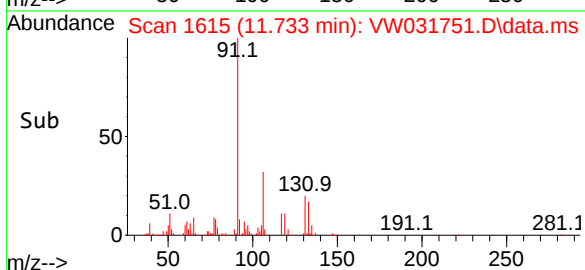
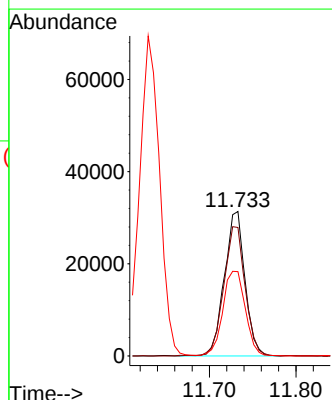
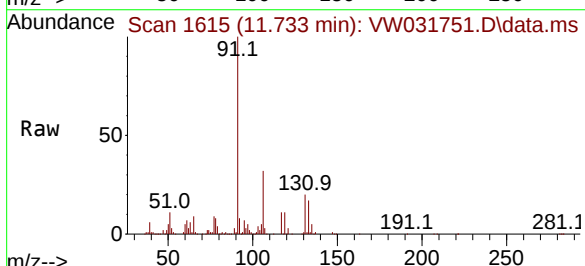
Tgt Ion:131 Resp: 51760

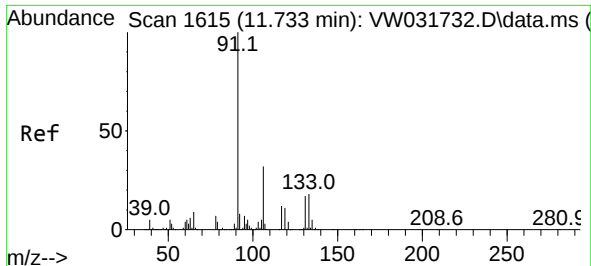
Ion Ratio Lower Upper

131 100

133 92.7 48.5 145.6

119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 21.123 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

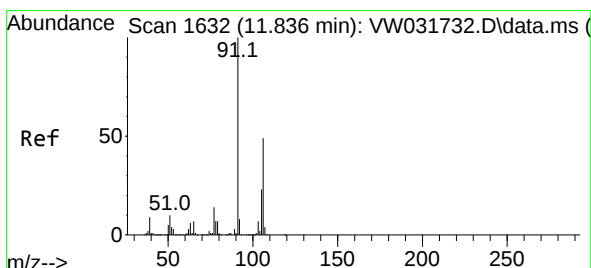
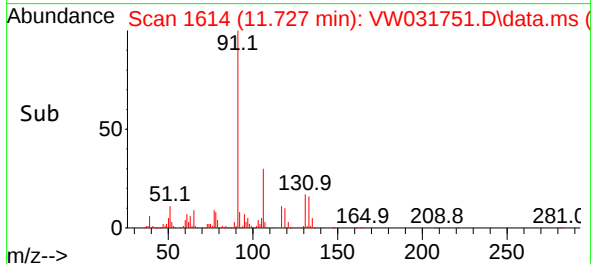
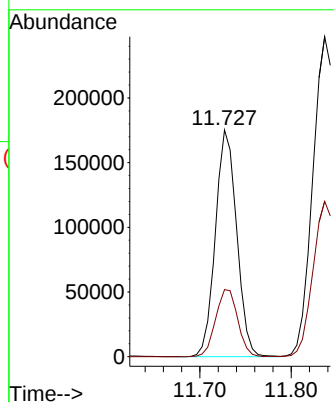
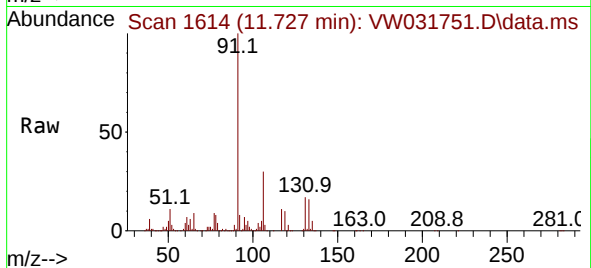
VW0702SBS01

Tgt Ion: 91 Resp: 283709

Ion Ratio Lower Upper

91 100

106 29.6 25.4 38.2



#68

m/p-Xylenes

Concen: 42.851 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031751.D

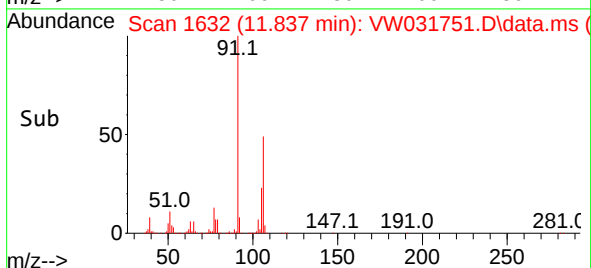
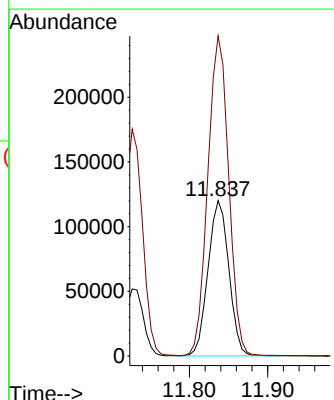
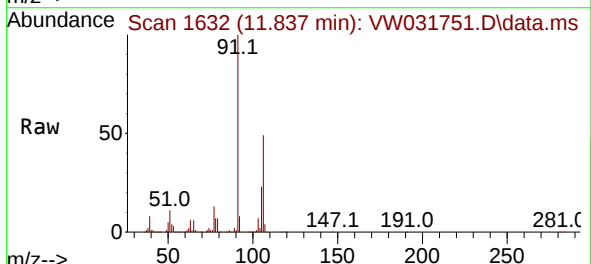
Acq: 02 Jul 2025 11:16

Tgt Ion:106 Resp: 221251

Ion Ratio Lower Upper

106 100

91 207.5 166.4 249.6

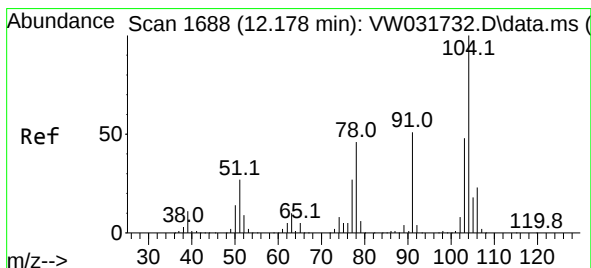
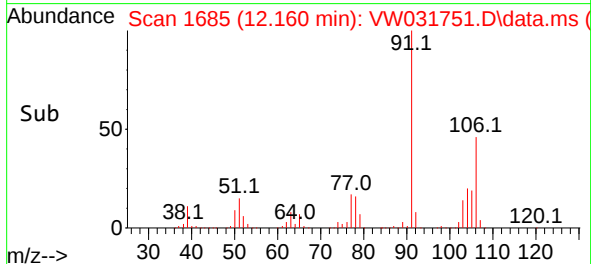
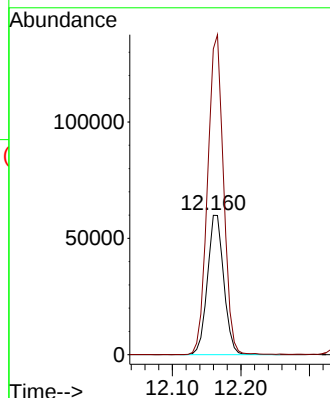
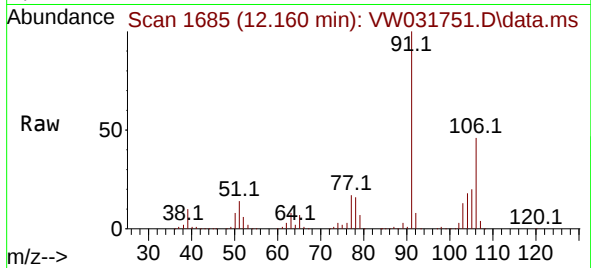




#69
o-Xylene
Concen: 20.835 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

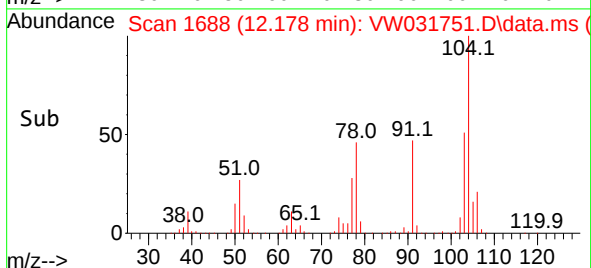
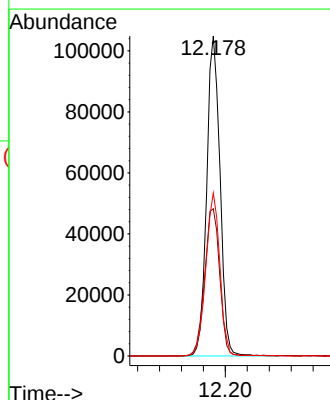
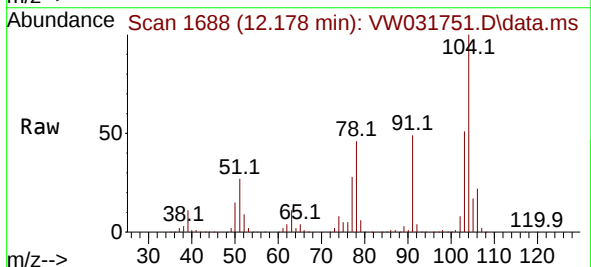
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

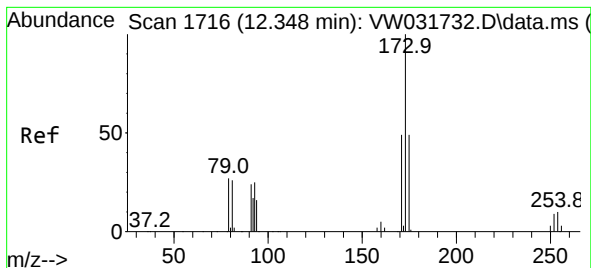
Tgt Ion:106 Resp: 99602
Ion Ratio Lower Upper
106 100
91 223.8 111.5 334.4



#70
Styrene
Concen: 21.326 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:104 Resp: 176249
Ion Ratio Lower Upper
104 100
78 52.2 42.1 63.1
103 53.6 43.0 64.6





#71

Bromoform

Concen: 19.917 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

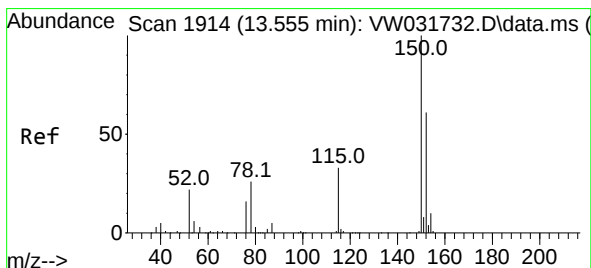
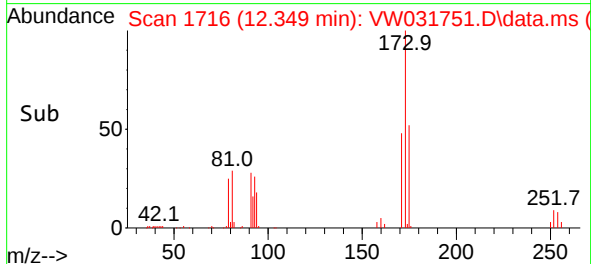
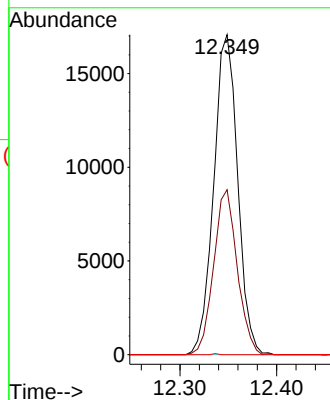
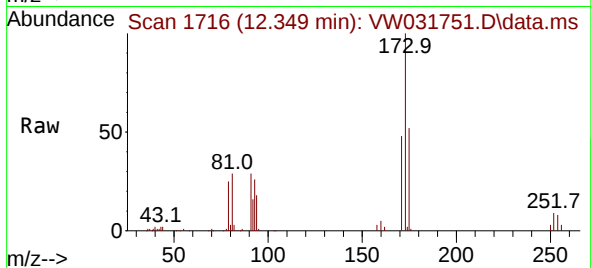
Tgt Ion:173 Resp: 29328

Ion Ratio Lower Upper

173 100

175 50.8 24.0 72.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

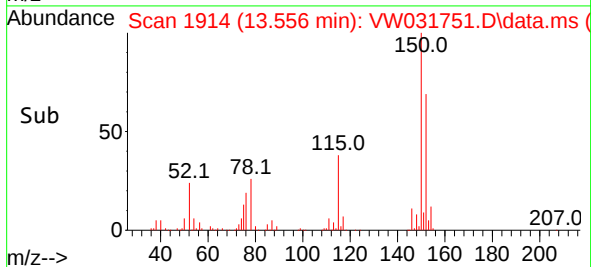
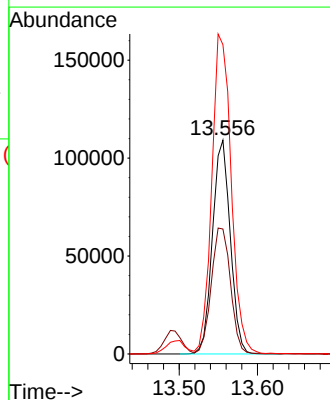
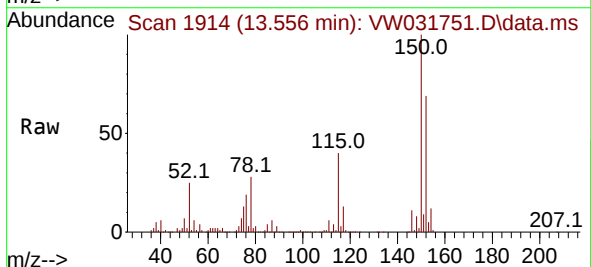
Tgt Ion:152 Resp: 172201

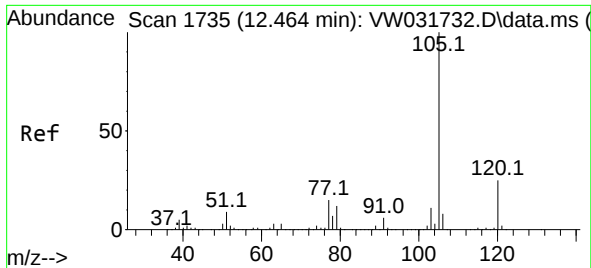
Ion Ratio Lower Upper

152 100

115 63.7 31.9 95.7

150 163.0 0.0 356.4

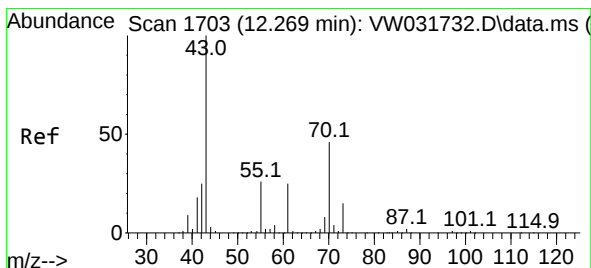
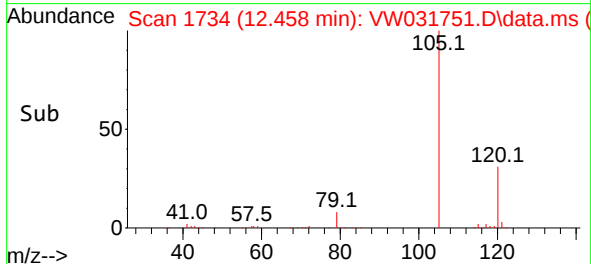
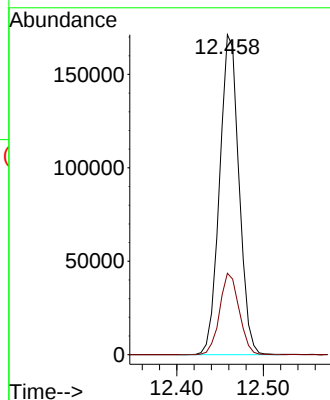
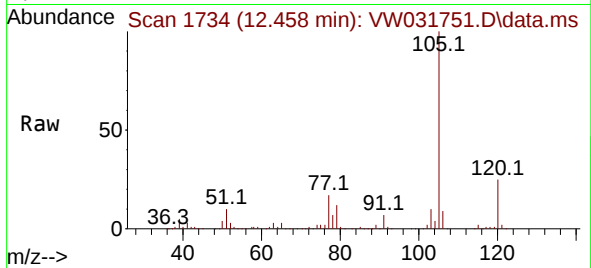




#73
Isopropylbenzene
Concen: 20.352 ug/l
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

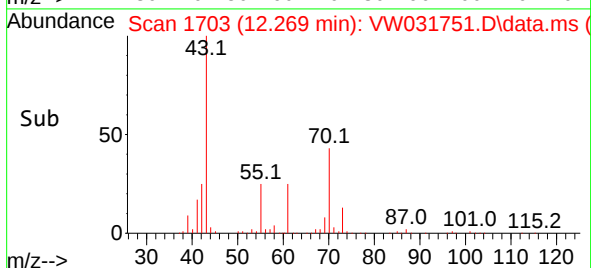
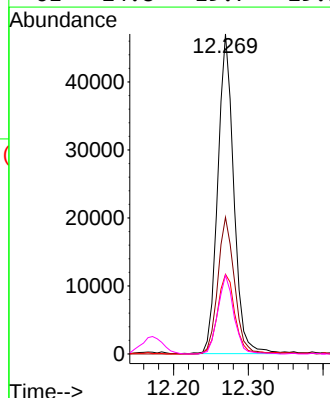
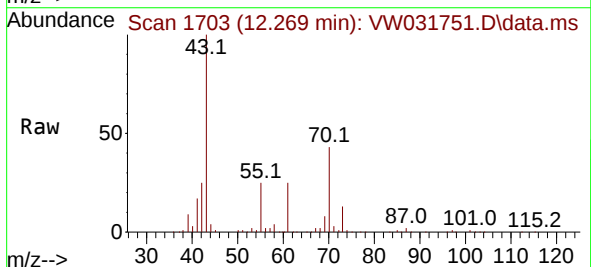
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

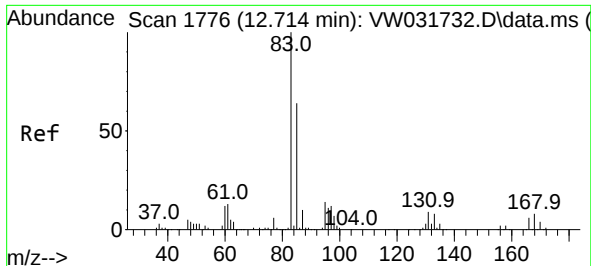
Tgt Ion:105 Resp: 266577
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4



#74
N-ethyl acetate
Concen: 19.788 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 43 Resp: 69860
Ion Ratio Lower Upper
43 100
70 44.7 36.0 54.0
55 27.2 20.8 31.2
61 24.8 19.7 29.5

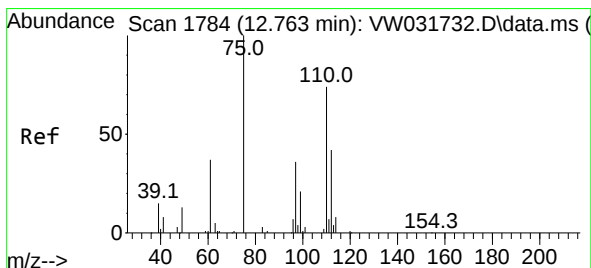
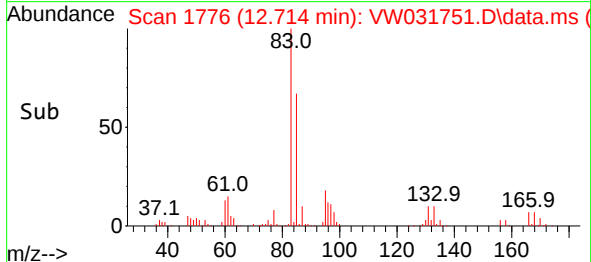
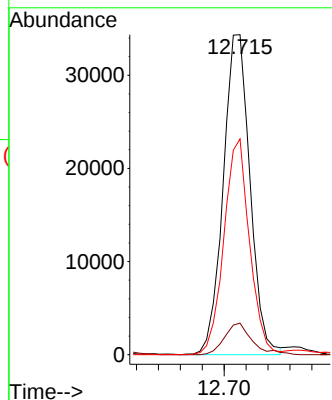
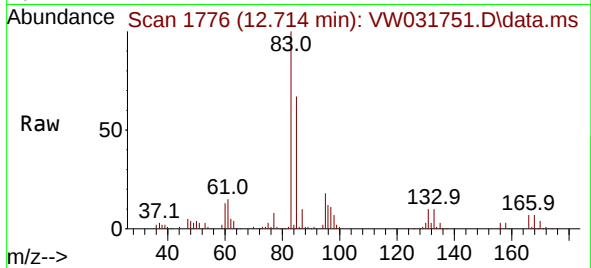




#75
1,1,2,2-Tetrachloroethane
Concen: 20.083 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

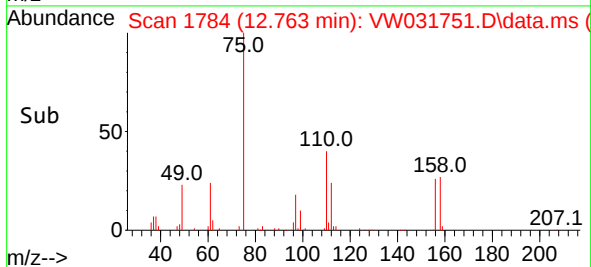
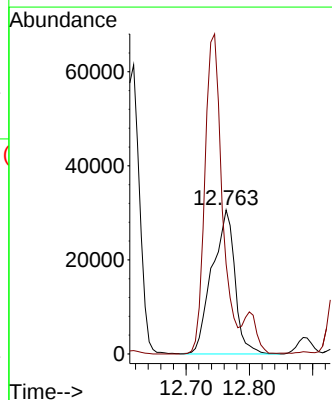
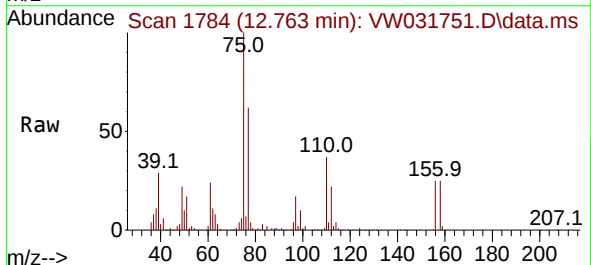
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

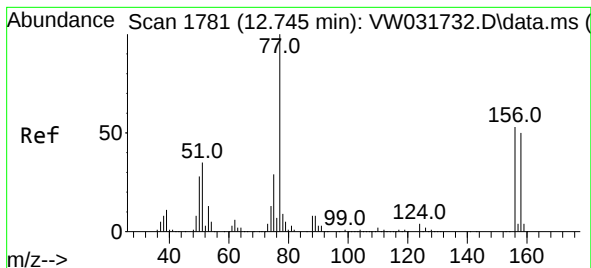
Tgt Ion:	83	Resp:	58400
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	64.4	32.0	96.2



#76
1,2,3-Trichloropropane
Concen: 34.357 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:	75	Resp:	76455
Ion Ratio	Lower	Upper	
75	100		
77	169.6	141.2	423.6





#77

Bromobenzene

Concen: 20.103 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

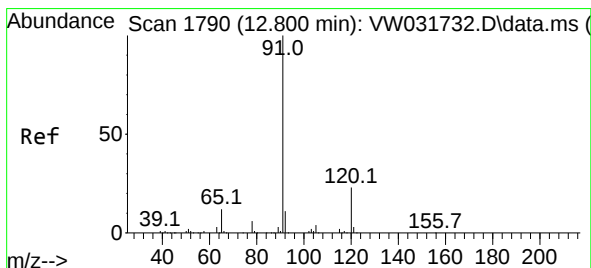
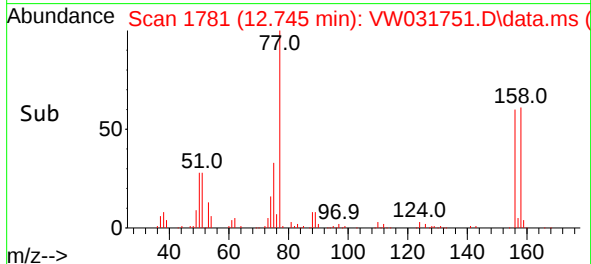
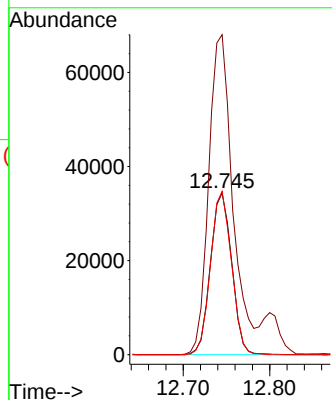
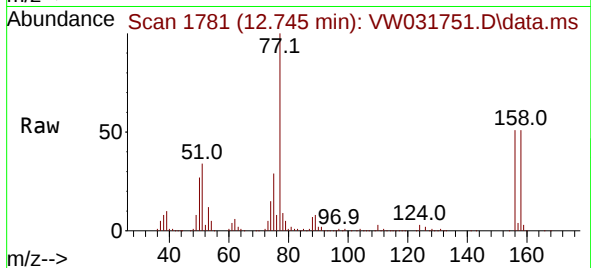
Tgt Ion:156 Resp: 58730

Ion Ratio Lower Upper

156 100

77 220.7 117.9 353.7

158 99.2 52.6 157.8



#78

n-propylbenzene

Concen: 20.657 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031751.D

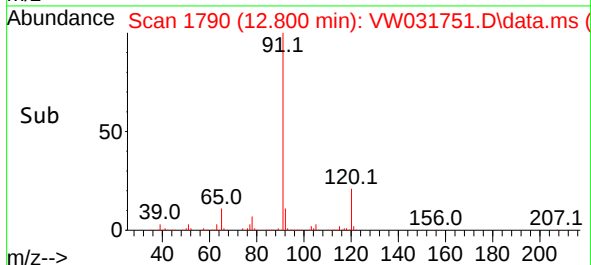
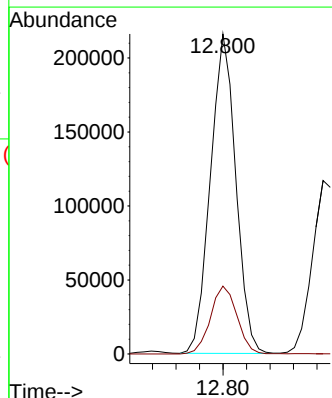
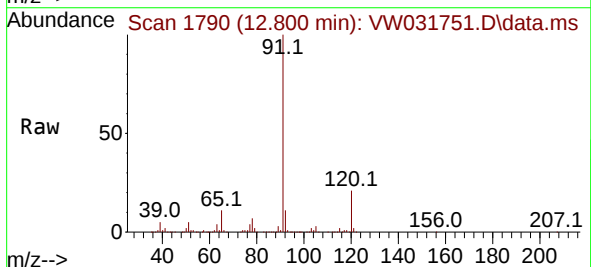
Acq: 02 Jul 2025 11:16

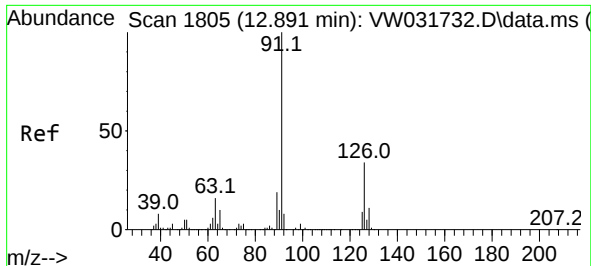
Tgt Ion: 91 Resp: 324009

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

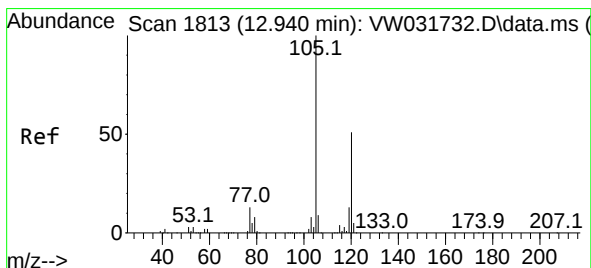
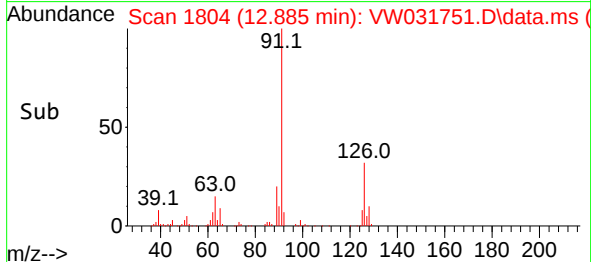
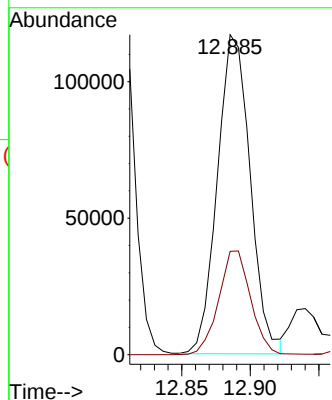
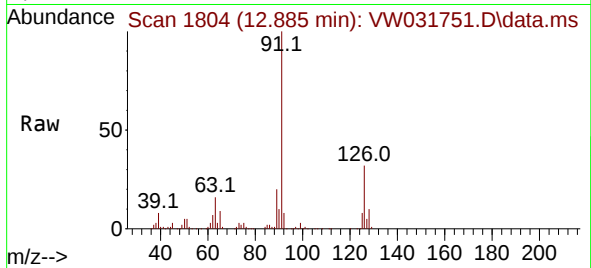




#79
2-Chlorotoluene
Concen: 20.645 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

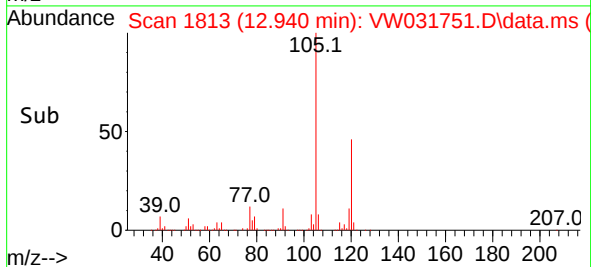
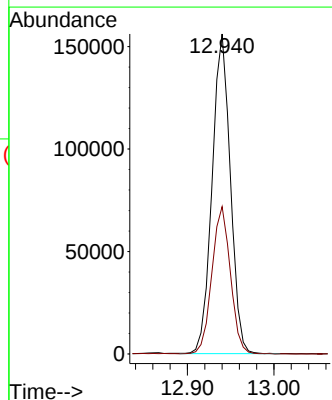
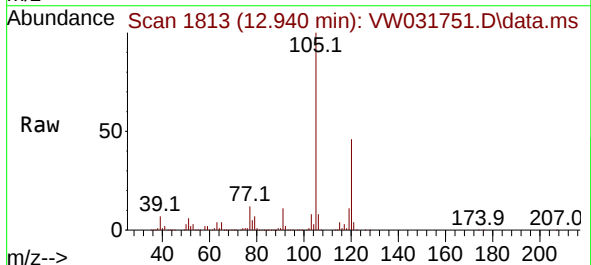
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

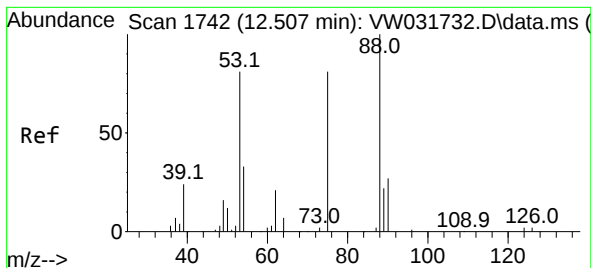
Tgt Ion: 91 Resp: 194997
Ion Ratio Lower Upper
91 100
126 31.8 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 21.068 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 105 Resp: 228430
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.2

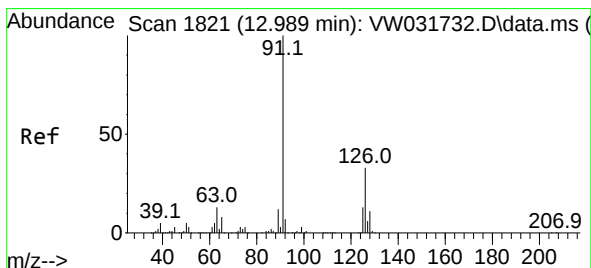
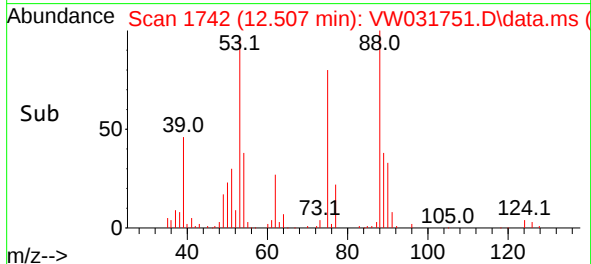
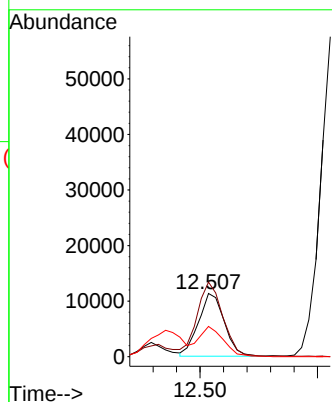
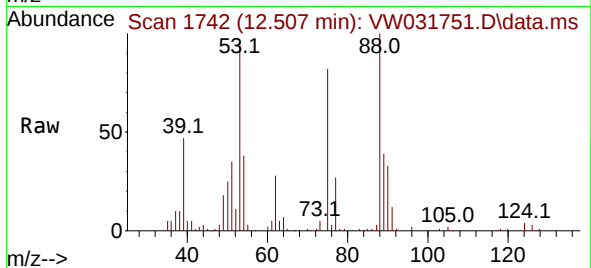




#81
trans-1,4-Dichloro-2-butene
Concen: 18.110 ug/l
RT: 12.507 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

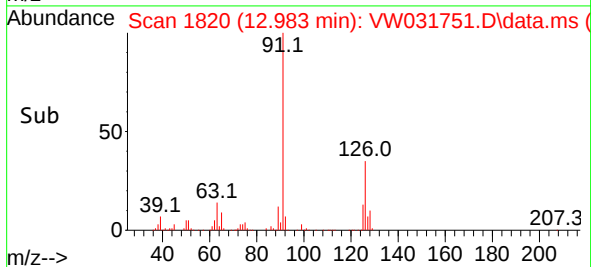
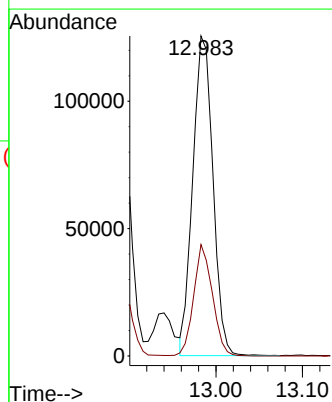
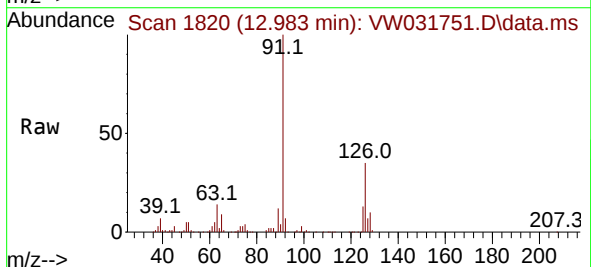
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

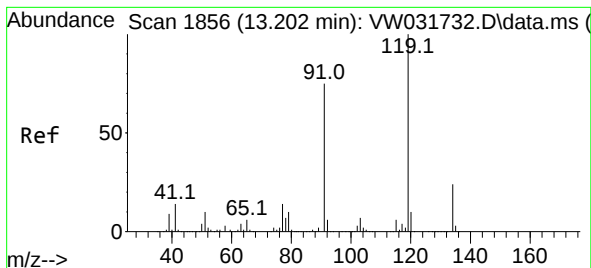
Tgt Ion: 75 Resp: 17303
Ion Ratio Lower Upper
75 100
53 117.3 83.5 125.3
89 46.9 38.3 57.5



#82
4-Chlorotoluene
Concen: 20.454 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion: 91 Resp: 202825
Ion Ratio Lower Upper
91 100
126 32.4 16.0 47.9

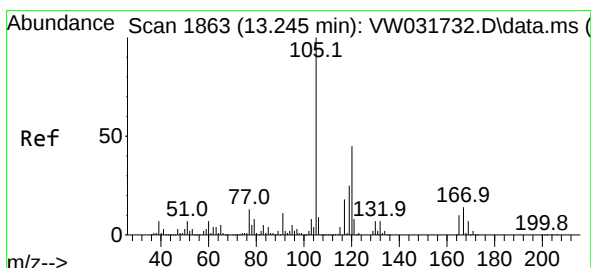
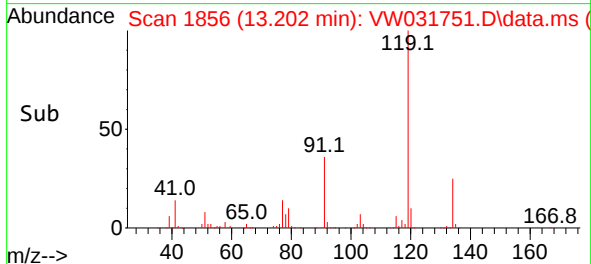
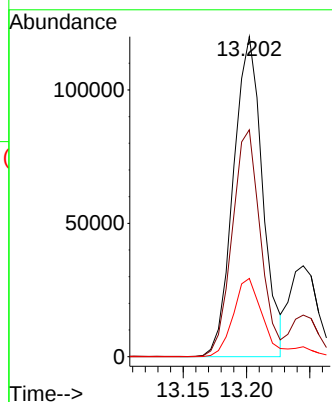
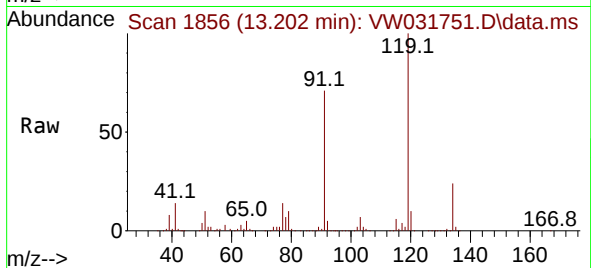




#83
tert-Butylbenzene
Concen: 20.777 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

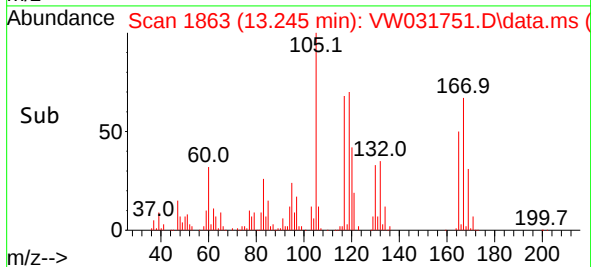
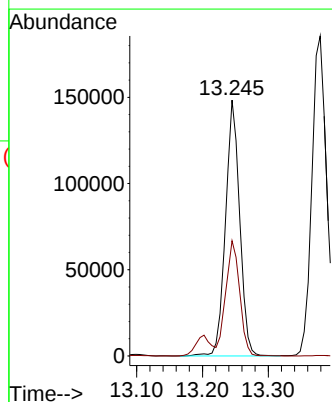
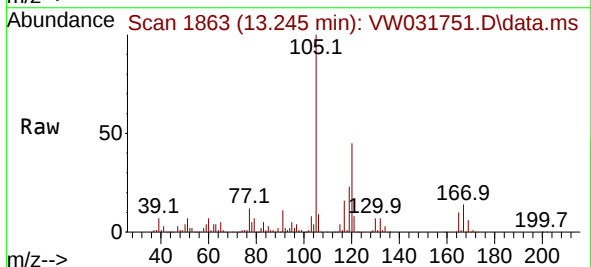
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

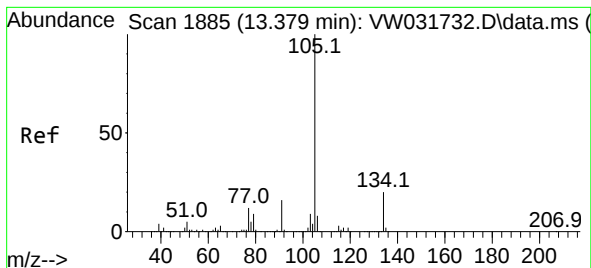
Tgt Ion:119 Resp: 192967
Ion Ratio Lower Upper
119 100
91 68.7 36.0 108.1
134 24.4 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 20.306 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:105 Resp: 223072
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 20.631 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

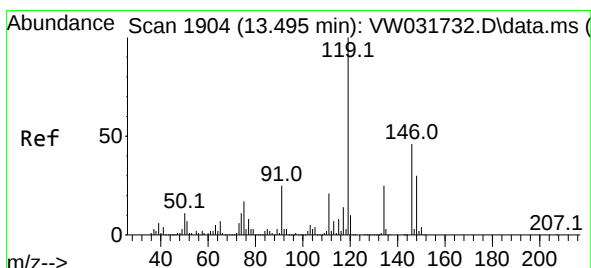
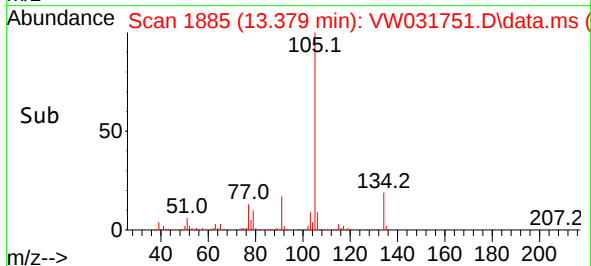
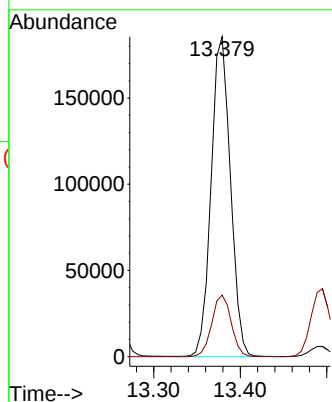
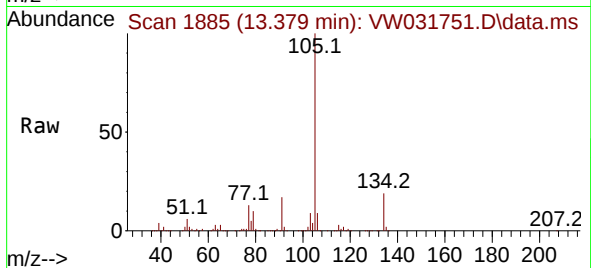
VW0702SBS01

Tgt Ion:105 Resp: 287598

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.216 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

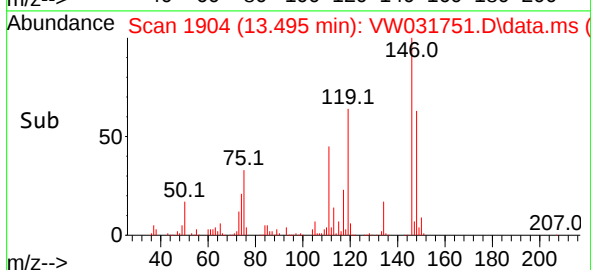
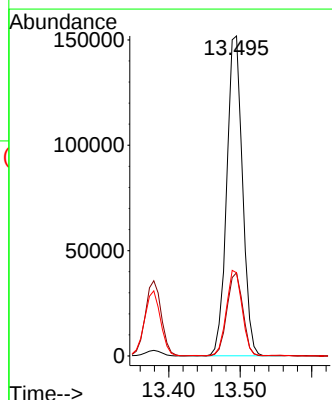
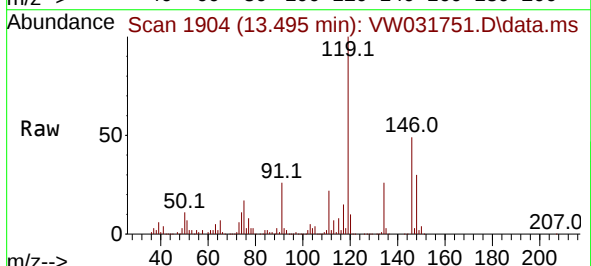
Tgt Ion:119 Resp: 232258

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 26.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.715 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

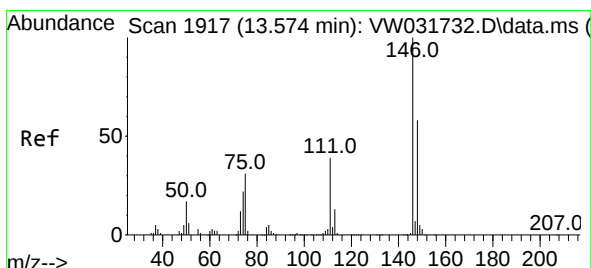
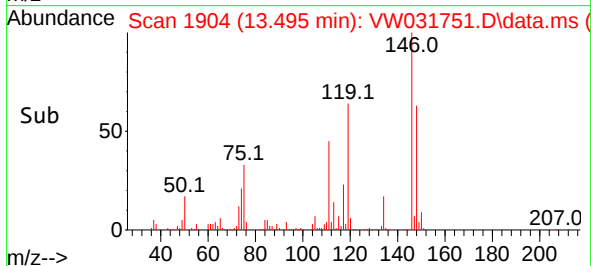
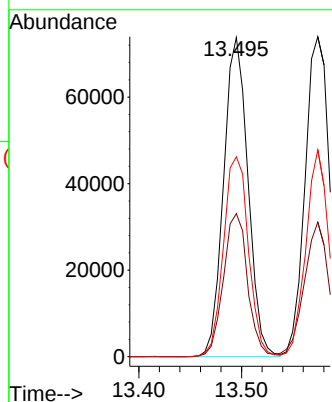
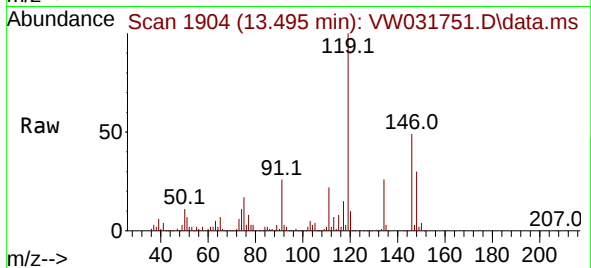
Tgt Ion:146 Resp: 121366

Ion Ratio Lower Upper

146 100

111 44.5 22.3 66.9

148 64.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.578 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

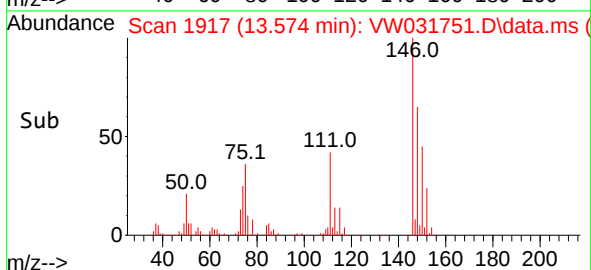
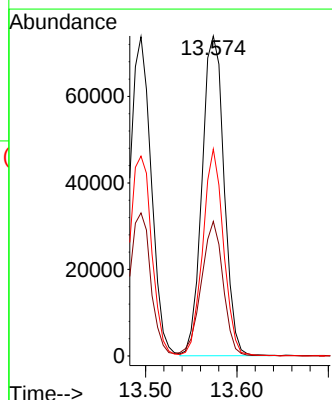
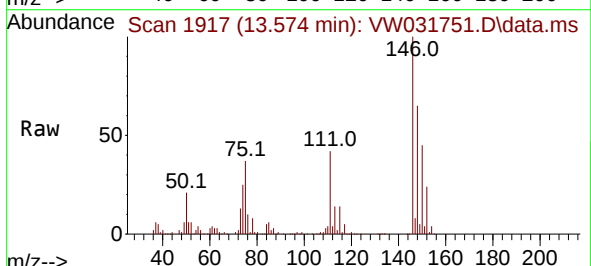
Tgt Ion:146 Resp: 123403

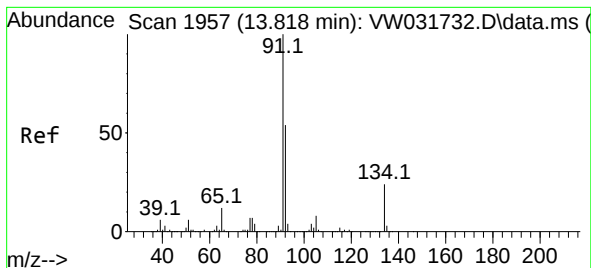
Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 61.3 30.2 90.6





#89

n-Butylbenzene

Concen: 20.820 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

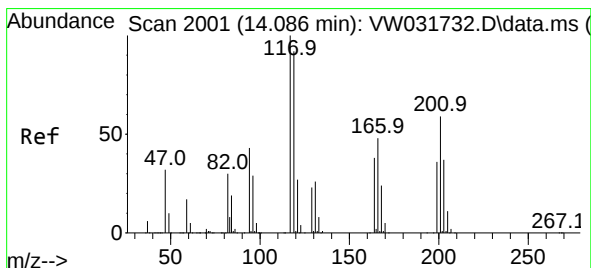
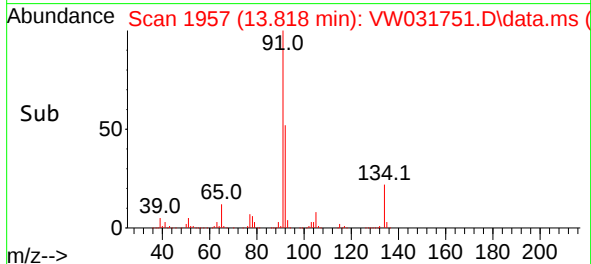
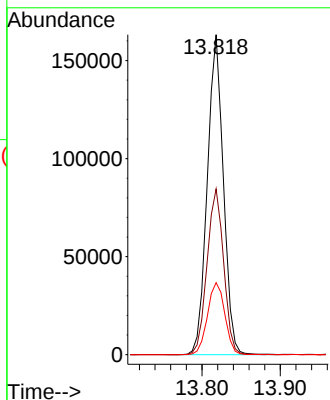
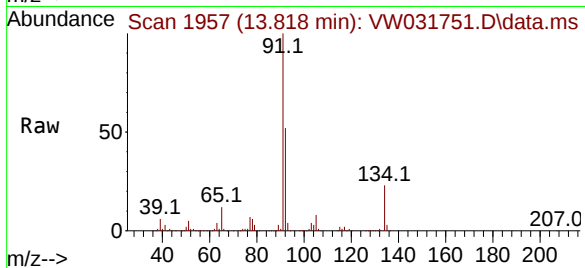
Tgt Ion: 91 Resp: 232404

Ion Ratio Lower Upper

91 100

92 53.5 27.2 81.5

134 24.3 12.2 36.6



#90

Hexachloroethane

Concen: 20.053 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031751.D

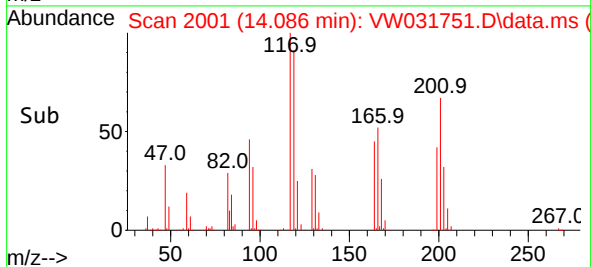
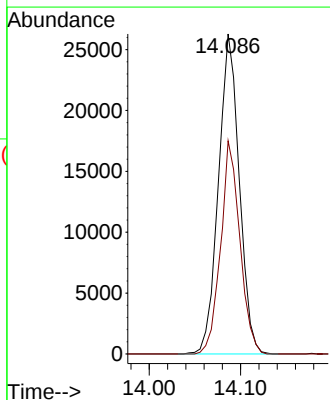
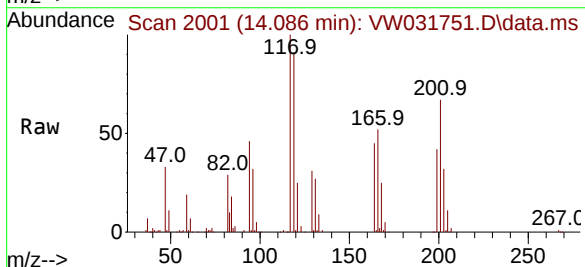
Acq: 02 Jul 2025 11:16

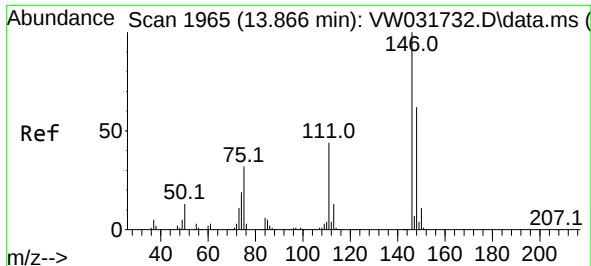
Tgt Ion: 117 Resp: 41564

Ion Ratio Lower Upper

117 100

201 61.6 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 19.560 ug/l

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

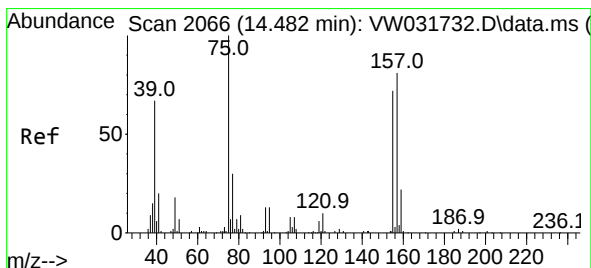
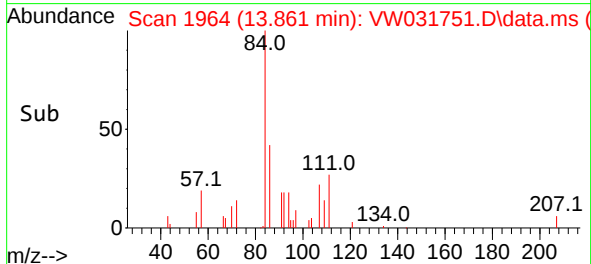
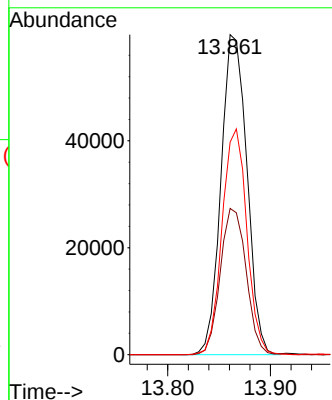
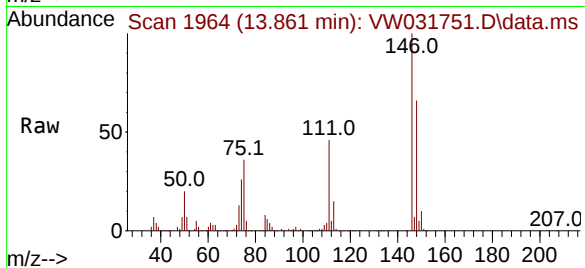
Tgt Ion:146 Resp: 104742

Ion Ratio Lower Upper

146 100

111 45.8 21.7 65.1

148 67.5 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.026 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

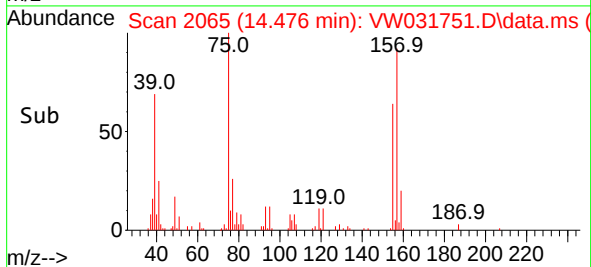
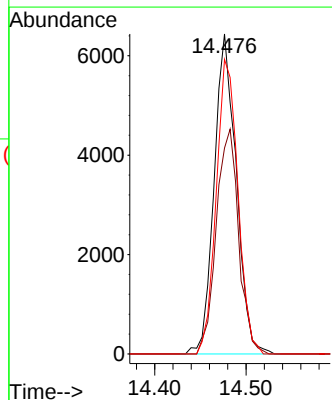
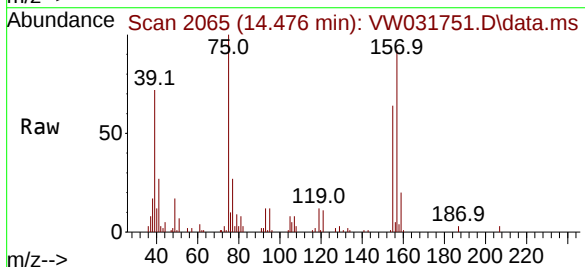
Tgt Ion: 75 Resp: 10803

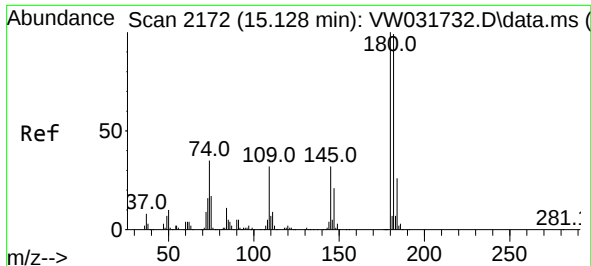
Ion Ratio Lower Upper

75 100

155 71.5 37.2 111.6

157 90.4 45.6 136.9

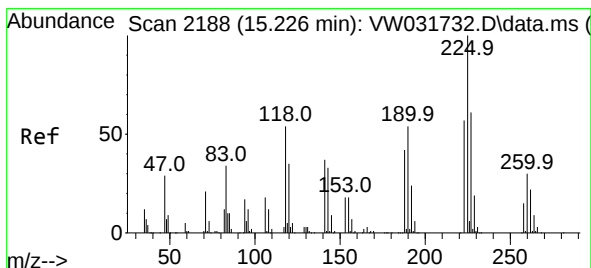
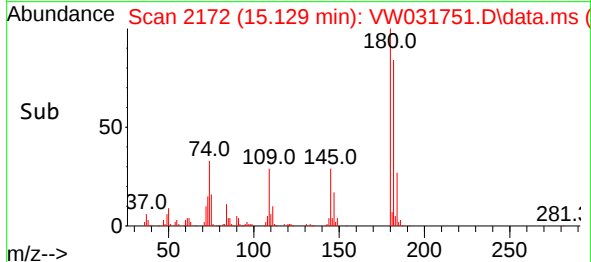
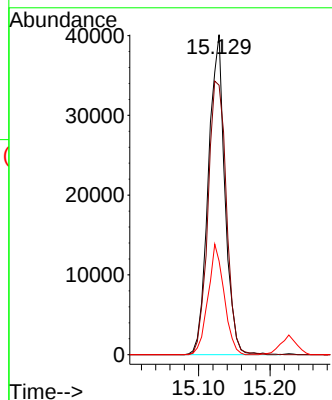
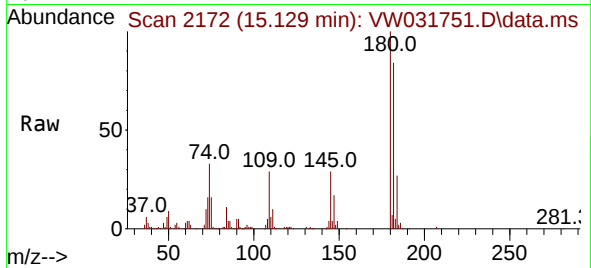




#93
1,2,4-Trichlorobenzene
Concen: 19.493 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

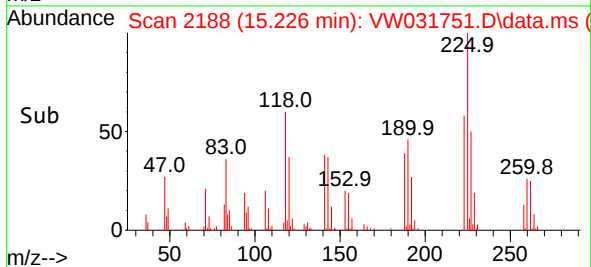
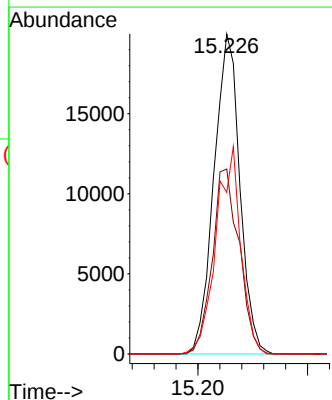
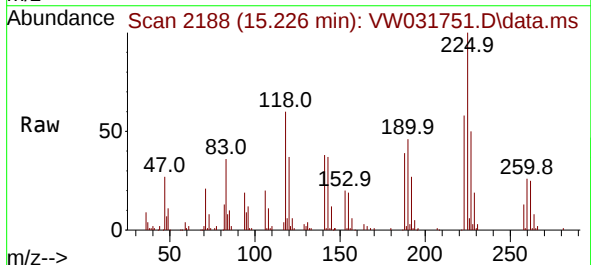
Instrument :
MSVOA_W
ClientSampleId :
VW0702SBS01

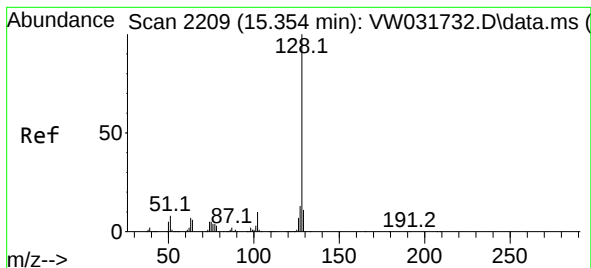
Tgt Ion:180 Resp: 64374
Ion Ratio Lower Upper
180 100
182 95.0 48.6 145.9
145 33.6 17.3 51.7



#94
Hexachlorobutadiene
Concen: 20.536 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031751.D
Acq: 02 Jul 2025 11:16

Tgt Ion:225 Resp: 32748
Ion Ratio Lower Upper
225 100
223 59.9 32.6 97.8
227 61.8 37.3 111.8





#95

Naphthalene

Concen: 18.837 ug/l

RT: 15.360 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Instrument :

MSVOA_W

ClientSampleId :

VW0702SBS01

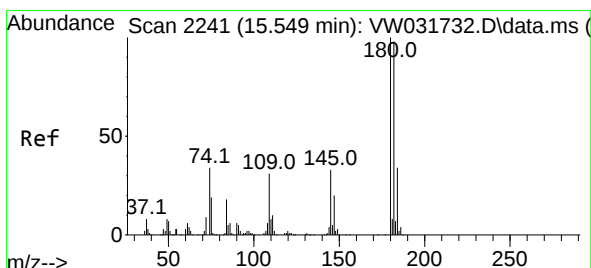
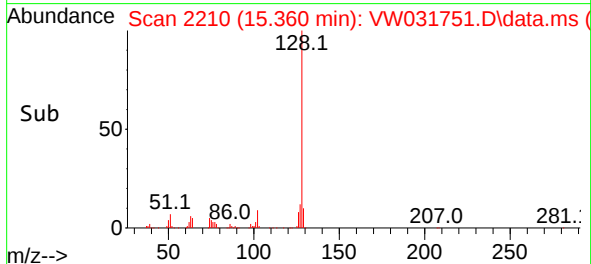
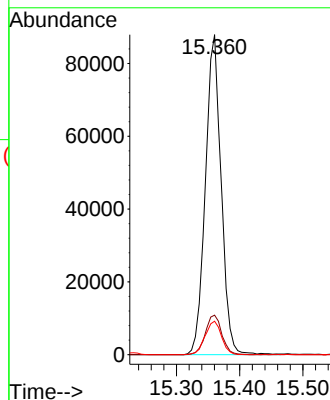
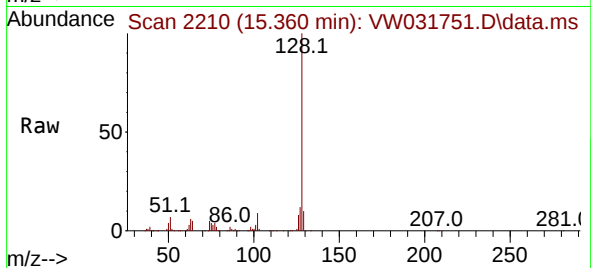
Tgt Ion:128 Resp: 152515

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.752 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031751.D

Acq: 02 Jul 2025 11:16

Tgt Ion:180 Resp: 56902

Ion Ratio Lower Upper

180 100

182 102.0 46.4 139.1

145 37.7 17.8 53.3

