

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
 Data File : VW031762.D
 Acq On : 03 Jul 2025 12:01
 Operator : SY/MD
 Sample : VW0703SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Quant Time: Jul 04 04:52:16 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	232427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	414223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	366966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	166045	49.780	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.560%
35) Dibromofluoromethane	7.898	113	133139	49.256	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.520%
50) Toluene-d8	10.325	98	511354	50.836	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.617	95	187123	50.551	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.100%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	28915	18.267	ug/l	94
3) Chloromethane	2.253	50	38123	19.977	ug/l	99
4) Vinyl Chloride	2.405	62	50989	20.328	ug/l	97
5) Bromomethane	2.826	94	38634	19.719	ug/l	96
6) Chloroethane	2.972	64	33290	19.538	ug/l	92
7) Trichlorofluoromethane	3.308	101	48050	21.093	ug/l	99
8) Diethyl Ether	3.716	74	33267	19.219	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	50715	20.058	ug/l	99
10) Methyl Iodide	4.314	142	76947	19.740	ug/l	100
11) Tert butyl alcohol	5.222	59	20333	98.394	ug/l	99
12) 1,1-Dichloroethene	4.076	96	54807	19.789	ug/l	96
13) Acrolein	3.930	56	37774	101.702	ug/l	98
14) Allyl chloride	4.710	41	83030	19.540	ug/l	99
15) Acrylonitrile	5.405	53	86828	102.005	ug/l	100
16) Acetone	4.155	43	79350	96.245	ug/l	99
17) Carbon Disulfide	4.423	76	144264	19.466	ug/l	98
18) Methyl Acetate	4.710	43	50148	21.283	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	97635	20.770	ug/l	99
20) Methylene Chloride	4.954	84	71656	18.755	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	58123	19.751	ug/l	97
22) Diisopropyl ether	6.344	45	171277	20.667	ug/l	99
23) Vinyl Acetate	6.283	43	567110	100.185	ug/l	98
24) 1,1-Dichloroethane	6.246	63	105938	19.717	ug/l	98
25) 2-Butanone	7.197	43	113543	105.858	ug/l	98
26) 2,2-Dichloropropane	7.185	77	62897	20.064	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	67600	19.984	ug/l	100
28) Bromochloromethane	7.533	49	46581	19.646	ug/l	99
29) Tetrahydrofuran	7.557	42	76930	104.732	ug/l	98
30) Chloroform	7.691	83	113620	19.901	ug/l	97
31) Cyclohexane	7.965	56	94693	19.938	ug/l #	94
32) 1,1,1-Trichloroethane	7.886	97	89939	20.442	ug/l	99
36) 1,1-Dichloropropene	8.100	75	79420	20.305	ug/l	99
37) Ethyl Acetate	7.277	43	51452	20.853	ug/l	98
38) Carbon Tetrachloride	8.087	117	80109	20.099	ug/l	96
39) Methylcyclohexane	9.343	83	99782	20.504	ug/l	93
40) Benzene	8.337	78	238076	20.573	ug/l	100

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 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)
41) Methacrylonitrile	7.508	41	29838	22.575	ug/l	98
42) 1,2-Dichloroethane	8.417	62	79871	20.427	ug/l	100
43) Isopropyl Acetate	8.435	43	86093	20.242	ug/l	99
44) Trichloroethene	9.099	130	57819	20.018	ug/l	98
45) 1,2-Dichloropropane	9.374	63	55745	19.932	ug/l	98
46) Dibromomethane	9.465	93	37869	20.972	ug/l	95
47) Bromodichloromethane	9.654	83	83496	19.719	ug/l	99
48) Methyl methacrylate	9.441	41	40831	19.524	ug/l	96
49) 1,4-Dioxane	9.465	88	8730	412.807	ug/l #	77
51) 4-Methyl-2-Pentanone	10.215	43	252775	103.376	ug/l	99
52) Toluene	10.392	92	150663	20.335	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	78875	19.854	ug/l	94
54) cis-1,3-Dichloropropene	10.075	75	88783	19.714	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	47897	20.250	ug/l	97
56) Ethyl methacrylate	10.648	69	65174	20.311	ug/l	100
57) 1,3-Dichloropropane	10.934	76	81949	19.734	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	185464	104.963	ug/l	99
59) 2-Hexanone	10.971	43	179587	108.383	ug/l	97
60) Dibromochloromethane	11.129	129	56315	19.910	ug/l	99
61) 1,2-Dibromoethane	11.233	107	48638	20.541	ug/l	100
64) Tetrachloroethene	10.861	164	48278	20.113	ug/l	93
65) Chlorobenzene	11.654	112	167342	20.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.727	131	52192	20.229	ug/l	99
67) Ethyl Benzene	11.727	91	285978	20.369	ug/l	96
68) m/p-Xylenes	11.837	106	219287	40.631	ug/l	97
69) o-Xylene	12.166	106	102496	20.511	ug/l	99
70) Styrene	12.178	104	176415	20.421	ug/l	98
71) Bromoform	12.349	173	30246	19.651	ug/l #	100
73) Isopropylbenzene	12.459	105	270664	20.217	ug/l	98
74) N-amyl acetate	12.270	43	76522	21.207	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	61295	20.623	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	48447m	21.301	ug/l	
77) Bromobenzene	12.745	156	60334	20.206	ug/l	92
78) n-propylbenzene	12.800	91	336843	21.011	ug/l	99
79) 2-Chlorotoluene	12.891	91	200230	20.741	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	230930	20.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	17699	18.125	ug/l	91
82) 4-Chlorotoluene	12.983	91	206578	20.382	ug/l	99
83) tert-Butylbenzene	13.202	119	198149	20.874	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	235032	20.933	ug/l	98
85) sec-Butylbenzene	13.379	105	295597	20.747	ug/l	98
86) p-Isopropyltoluene	13.495	119	246376	20.982	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	126651	21.150	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	124516	20.316	ug/l	97
89) n-Butylbenzene	13.818	91	237098	20.782	ug/l	99
90) Hexachloroethane	14.086	117	42644	20.130	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	112118	20.485	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.483	75	11479	19.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.129	180	65752	19.480	ug/l	98
94) Hexachlorobutadiene	15.232	225	32342	19.843	ug/l	90
95) Naphthalene	15.360	128	164561	19.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	65235	21.034	ug/l	94

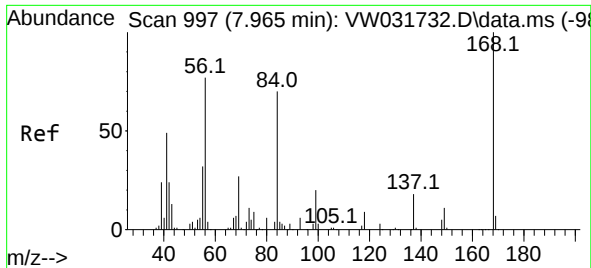
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070325\
Data File : VW031762.D
Acq On : 03 Jul 2025 12:01
Operator : SY/MD
Sample : VW0703SBSD01
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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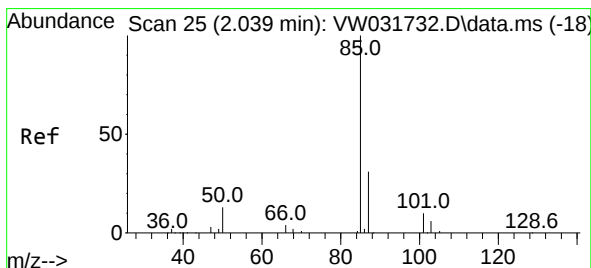
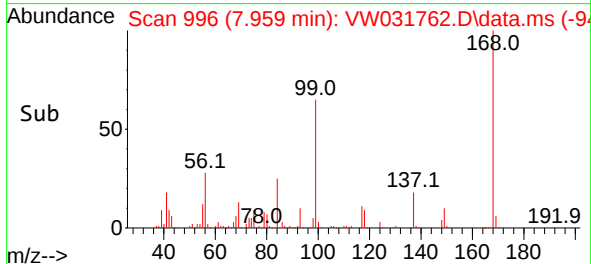
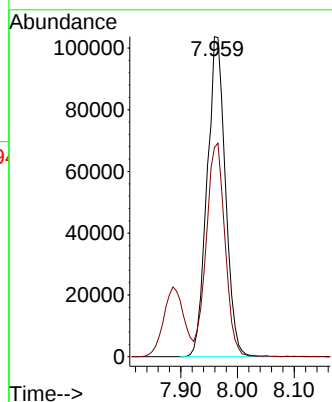
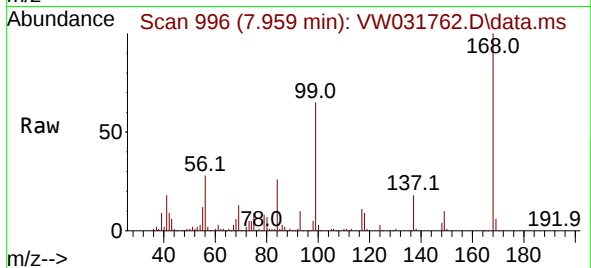
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

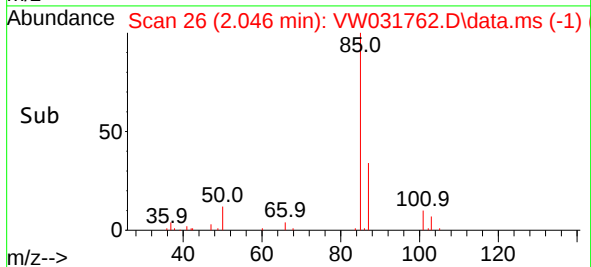
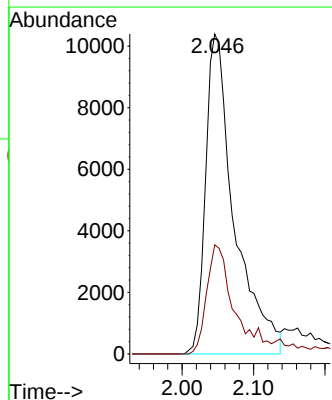
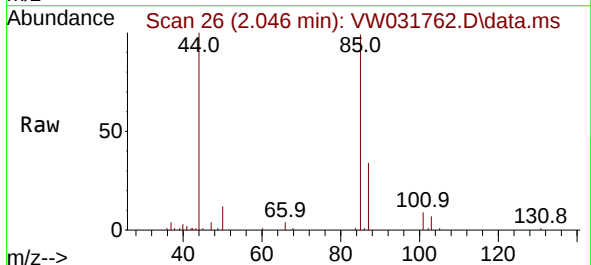
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

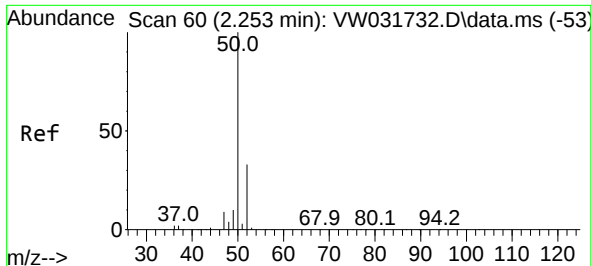
Tgt Ion:168 Resp: 232427
Ion Ratio Lower Upper
168 100
99 65.3 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 18.267 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 85 Resp: 28915
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.2

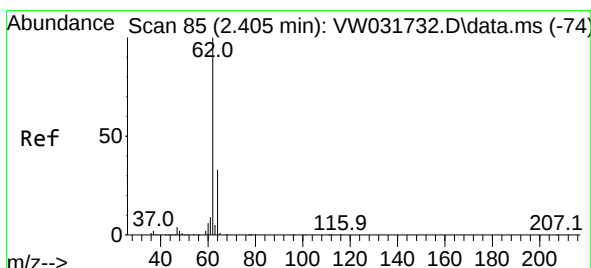
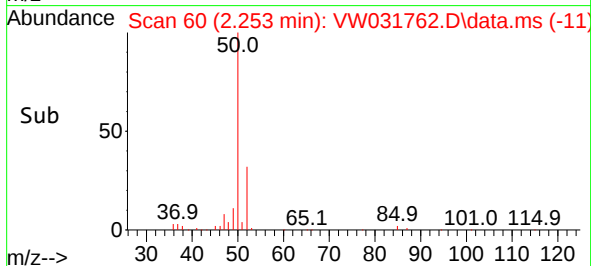
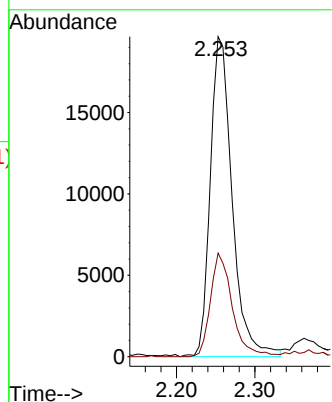
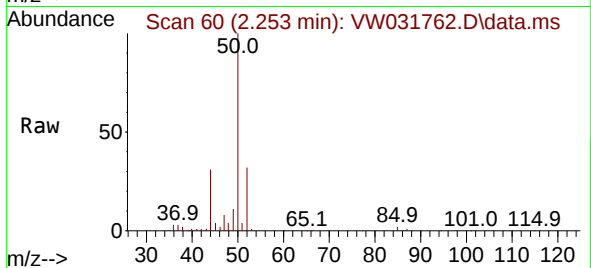




#3
Chloromethane
Concen: 19.977 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

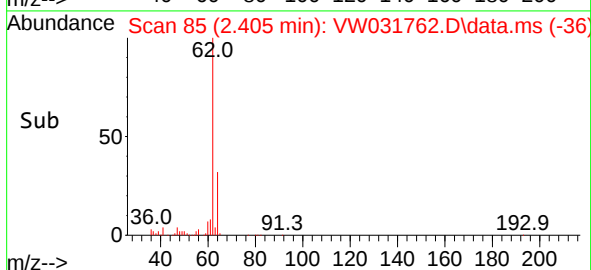
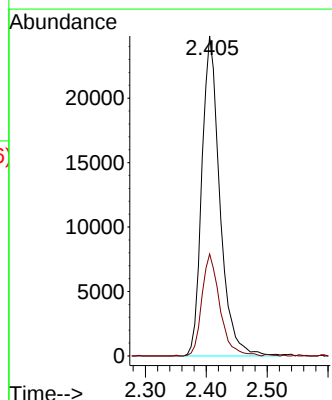
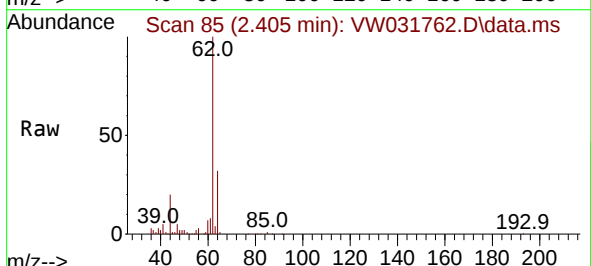
Instrument :
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ClientSampleId :
VW0703SBSD01

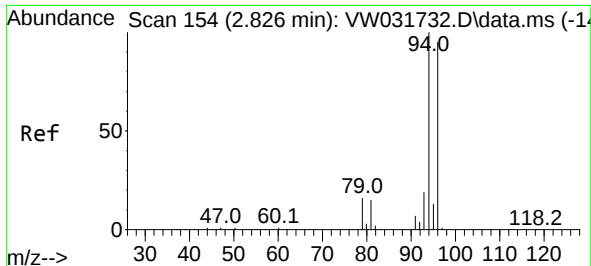
Tgt Ion: 50 Resp: 38123
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.328 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 62 Resp: 50989
Ion Ratio Lower Upper
62 100
64 31.9 26.8 40.2

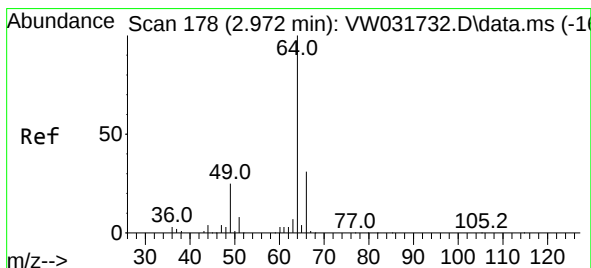
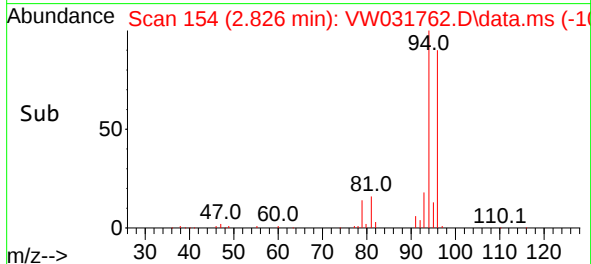
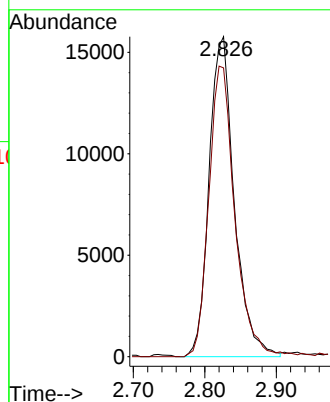
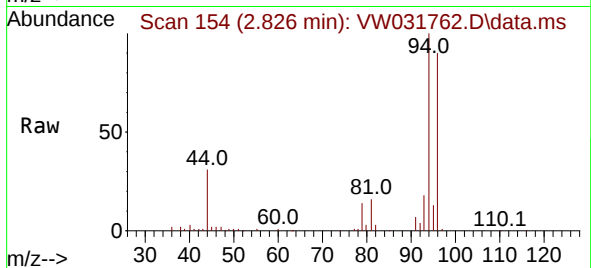




#5
Bromomethane
Concen: 19.719 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

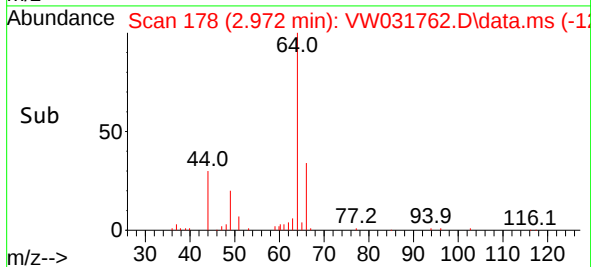
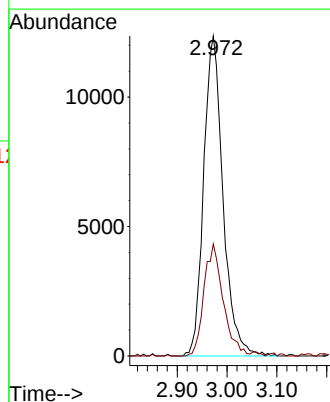
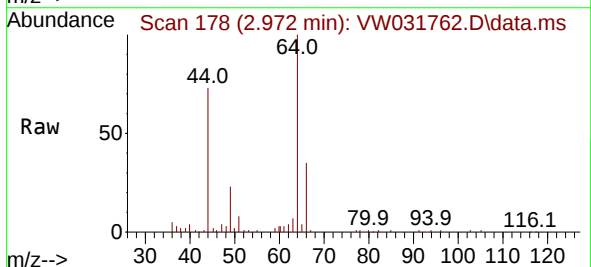
Instrument :
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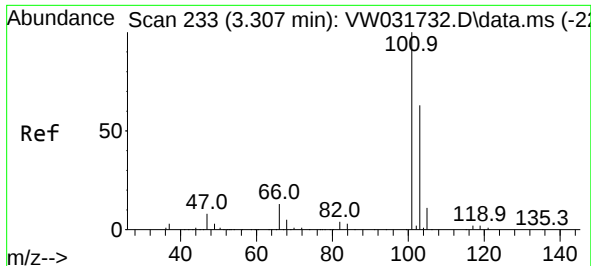
Tgt Ion: 94 Resp: 38634
Ion Ratio Lower Upper
94 100
96 90.3 75.6 113.4



#6
Chloroethane
Concen: 19.538 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 64 Resp: 33290
Ion Ratio Lower Upper
64 100
66 35.0 24.5 36.7

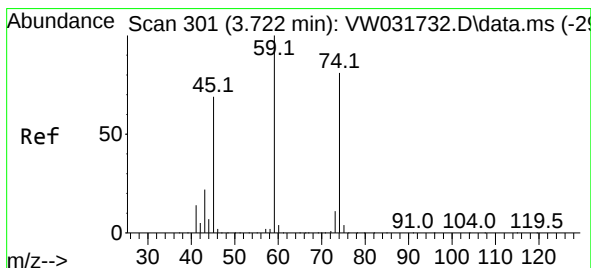
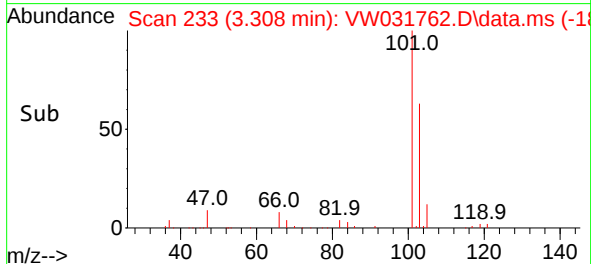
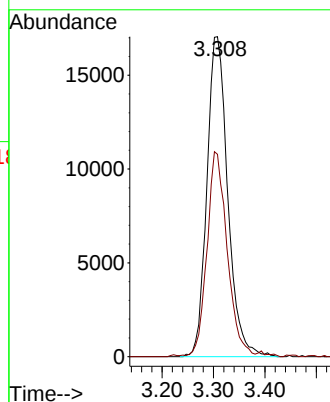
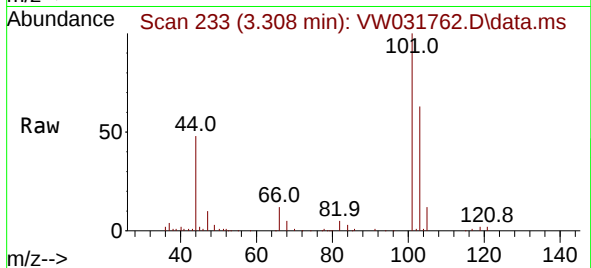




#7
 Trichlorofluoromethane
 Concen: 21.093 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

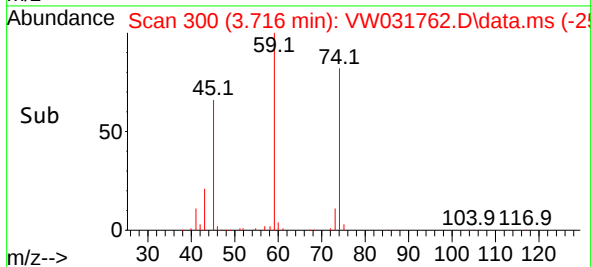
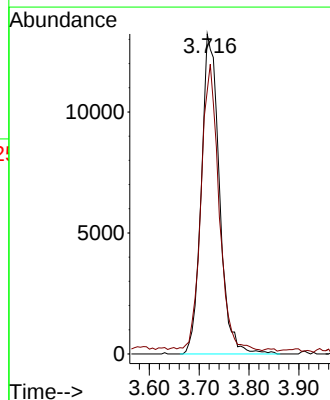
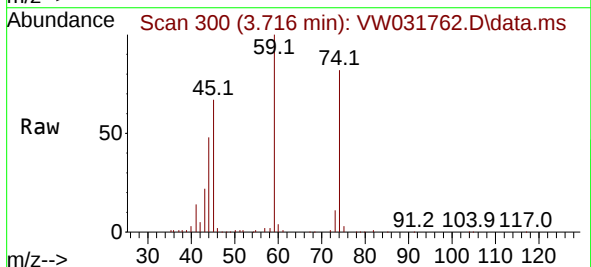
Instrument :
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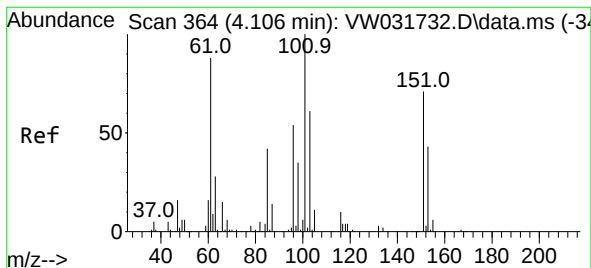
Tgt Ion:101 Resp: 48050
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.2 75.4



#8
 Diethyl Ether
 Concen: 19.219 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

Tgt Ion: 74 Resp: 33267
 Ion Ratio Lower Upper
 74 100
 45 89.0 43.9 131.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.058 ug/l

RT: 4.106 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

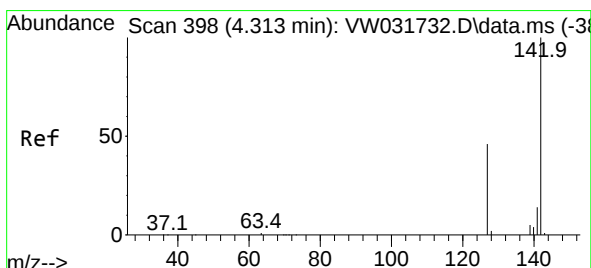
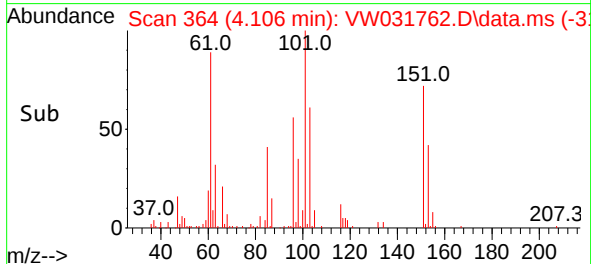
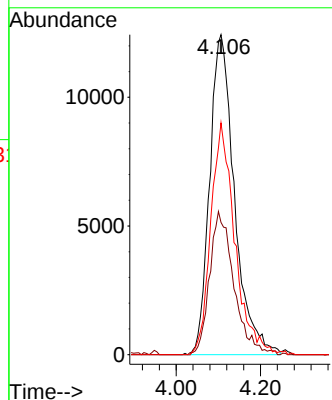
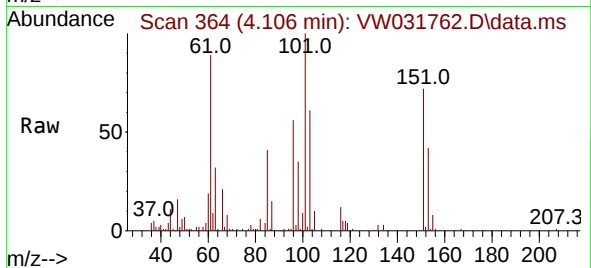
Tgt Ion:101 Resp: 50715

Ion Ratio Lower Upper

101 100

85 43.8 35.6 53.4

151 70.1 56.8 85.2



#10

Methyl Iodide

Concen: 19.740 ug/l

RT: 4.314 min Scan# 398

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

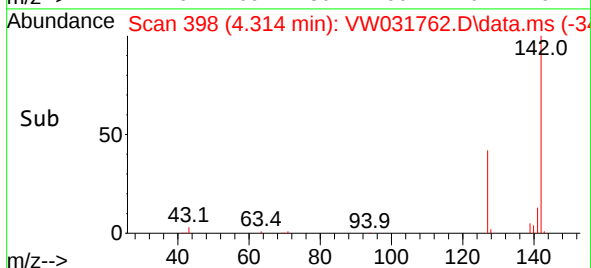
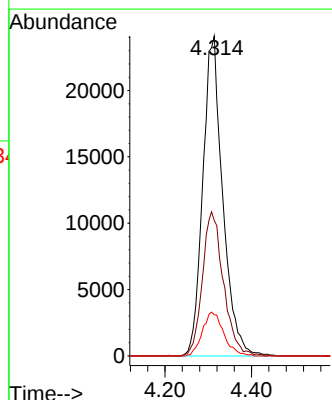
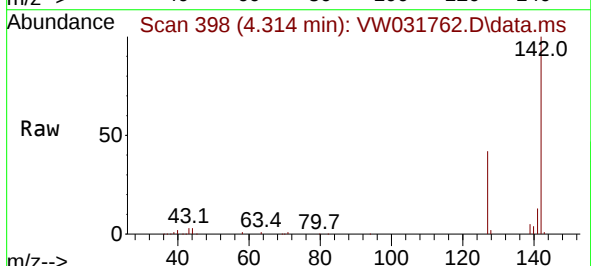
Tgt Ion:142 Resp: 76947

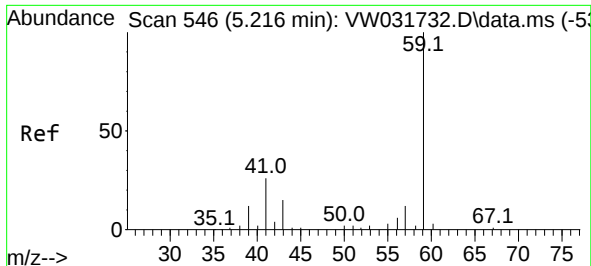
Ion Ratio Lower Upper

142 100

127 47.6 37.9 56.9

141 14.7 11.7 17.5

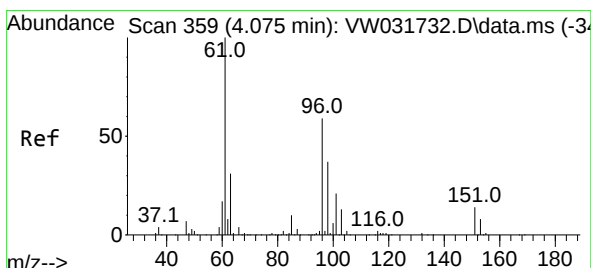
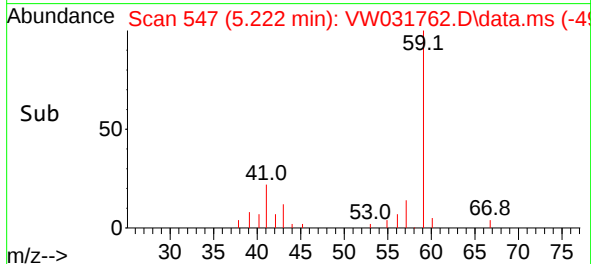
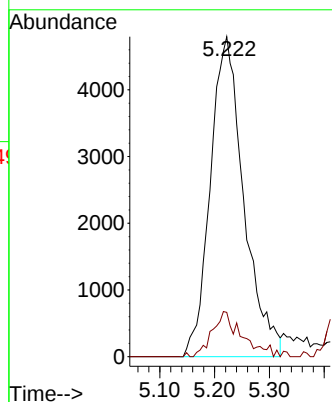
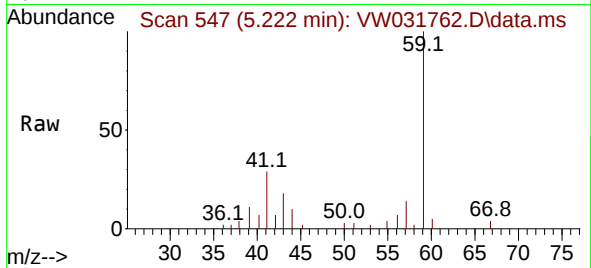




#11
Tert butyl alcohol
Concen: 98.394 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

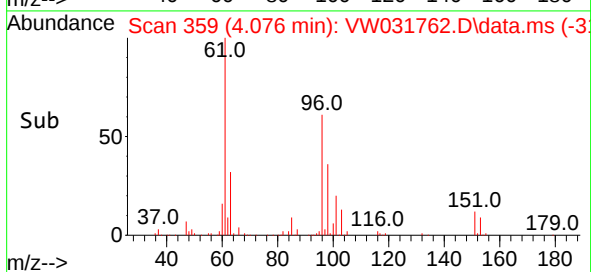
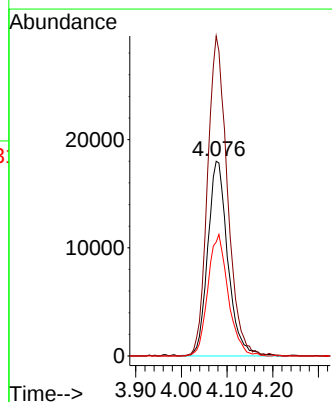
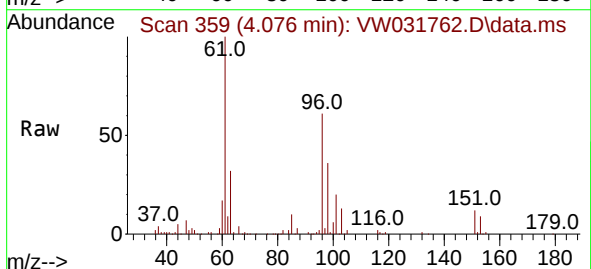
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

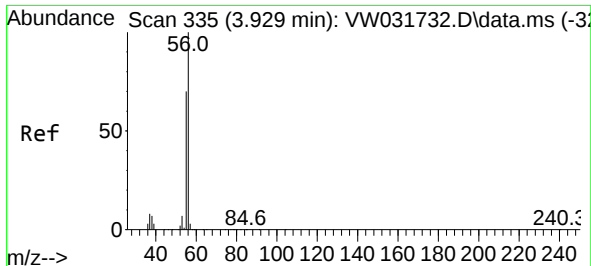
Tgt Ion: 59 Resp: 20333
Ion Ratio Lower Upper
59 100
57 12.4 9.5 14.3



#12
1,1-Dichloroethene
Concen: 19.789 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 96 Resp: 54807
Ion Ratio Lower Upper
96 100
61 164.4 135.8 203.8
98 58.5 50.4 75.6

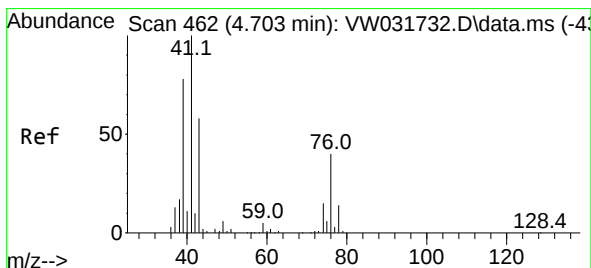
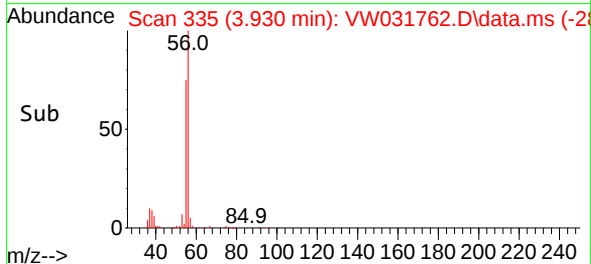
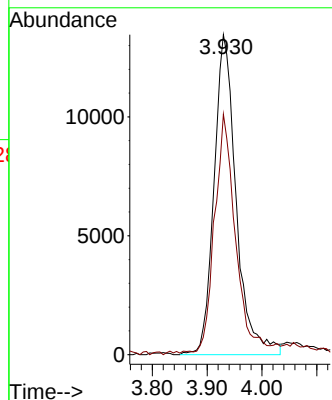
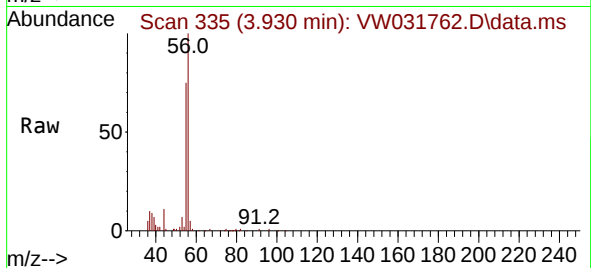




#13
Acrolein
Concen: 101.702 ug/l
RT: 3.930 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

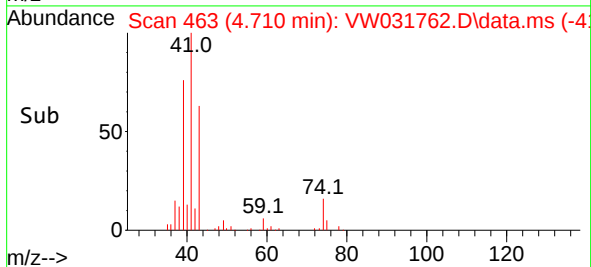
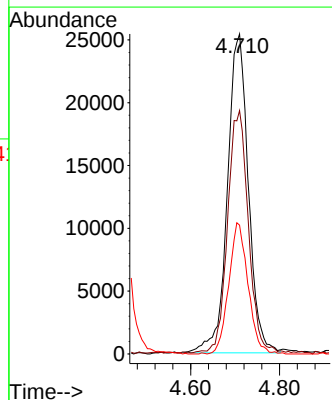
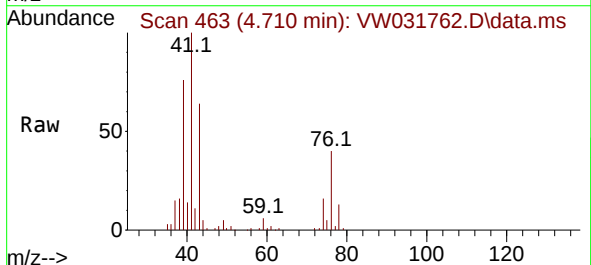
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

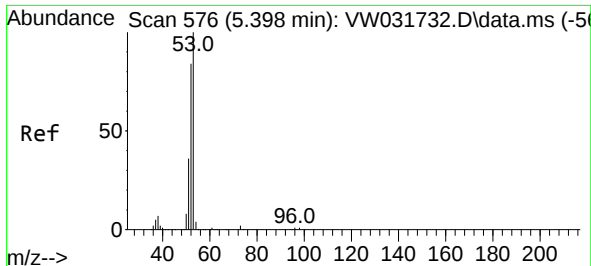
Tgt Ion: 56 Resp: 37774
Ion Ratio Lower Upper
56 100
55 68.8 54.0 81.0



#14
Allyl chloride
Concen: 19.540 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 41 Resp: 83030
Ion Ratio Lower Upper
41 100
39 75.0 60.7 91.1
76 37.9 30.3 45.5

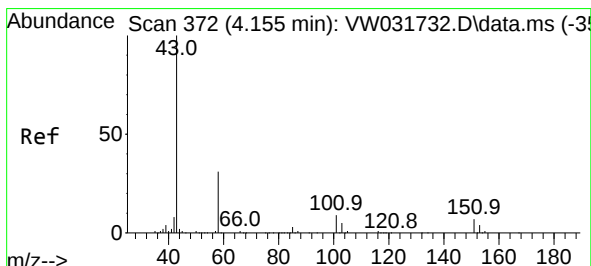
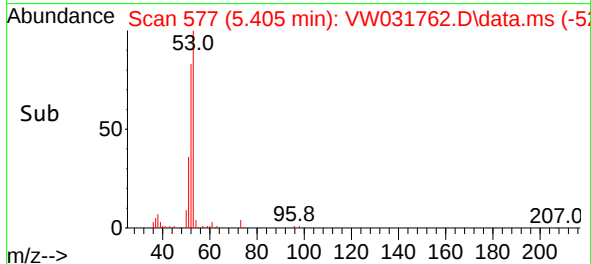
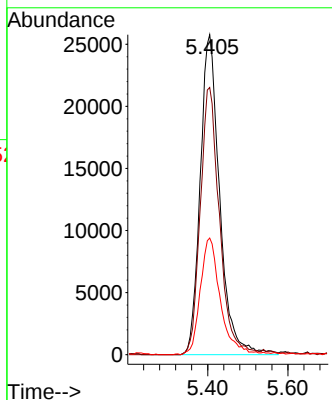
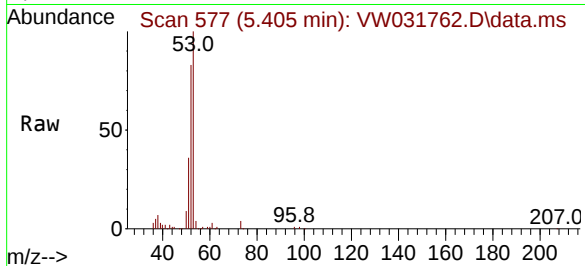




#15
Acrylonitrile
Concen: 102.005 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

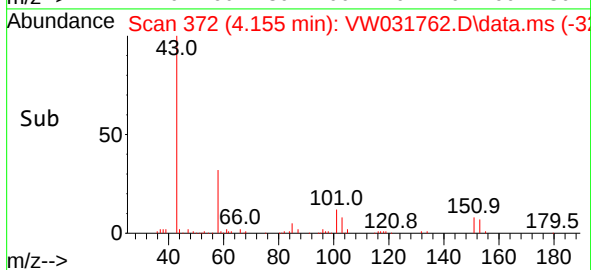
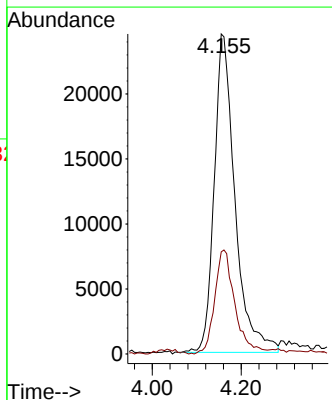
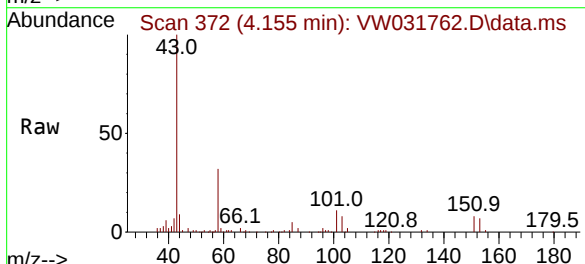
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

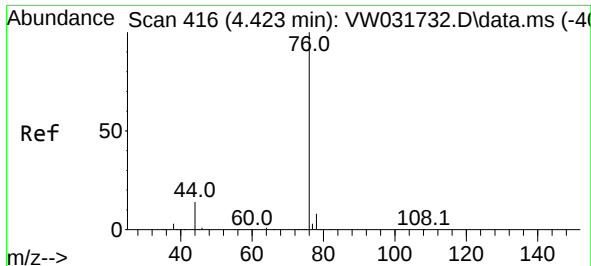
Tgt Ion: 53 Resp: 86828
Ion Ratio Lower Upper
53 100
52 82.5 66.4 99.6
51 37.6 29.9 44.9



#16
Acetone
Concen: 96.245 ug/l
RT: 4.155 min Scan# 372
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 43 Resp: 79350
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2

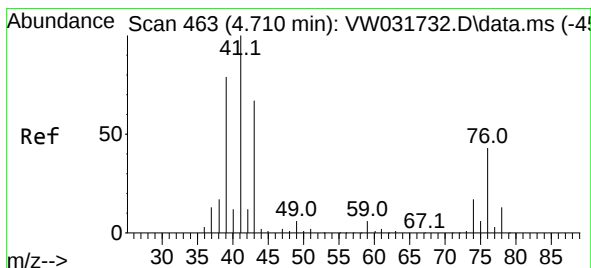
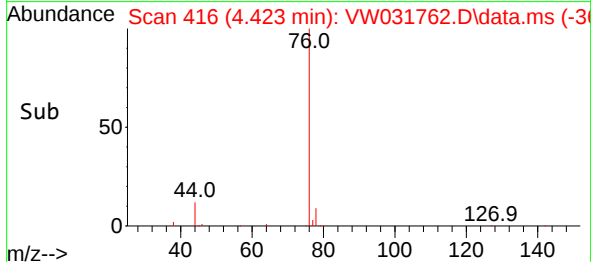
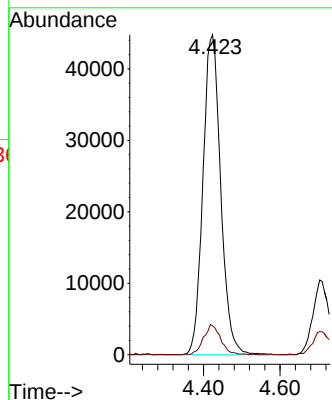
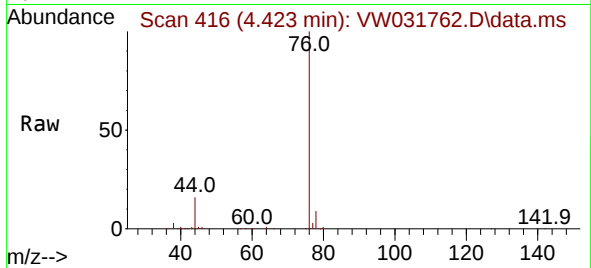




#17
Carbon Disulfide
Concen: 19.466 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

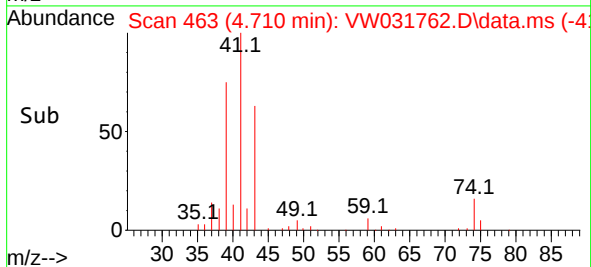
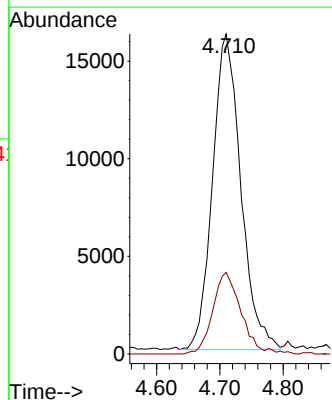
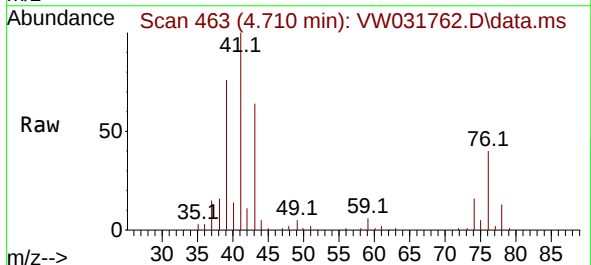
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

Tgt Ion: 76 Resp: 144264
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0



#18
Methyl Acetate
Concen: 21.283 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 43 Resp: 50148
Ion Ratio Lower Upper
43 100
74 25.9 20.6 30.8

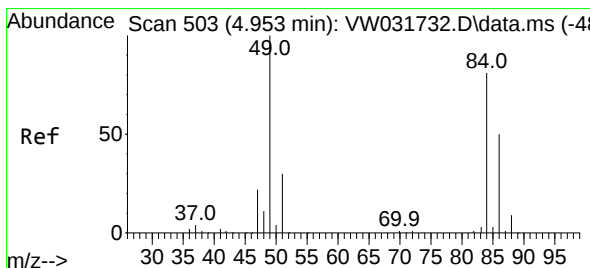
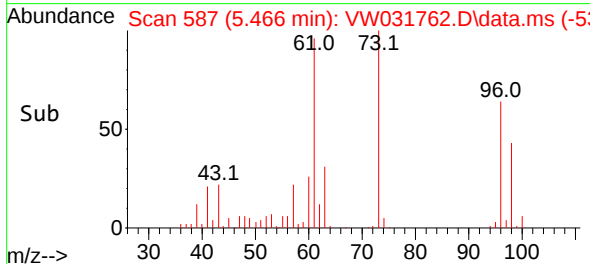
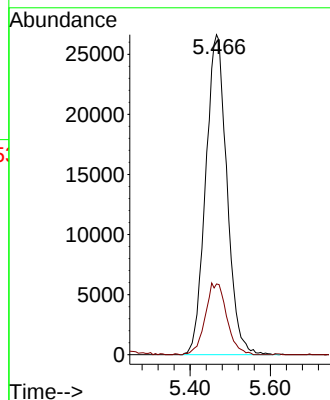
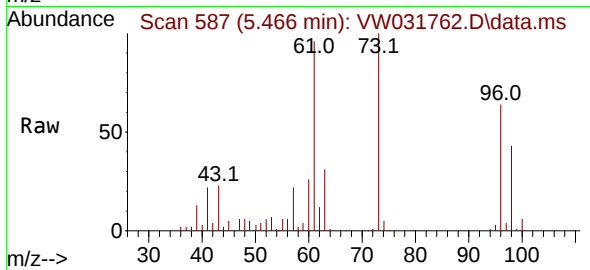




#19
Methyl tert-butyl Ether
Concen: 20.770 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

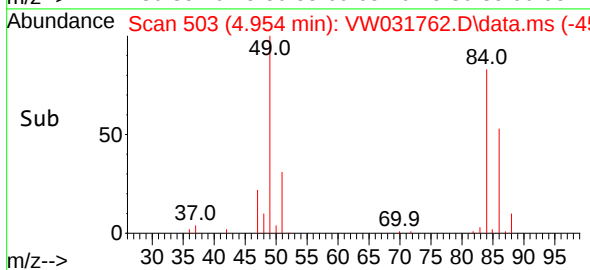
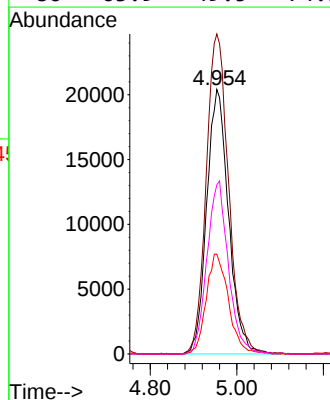
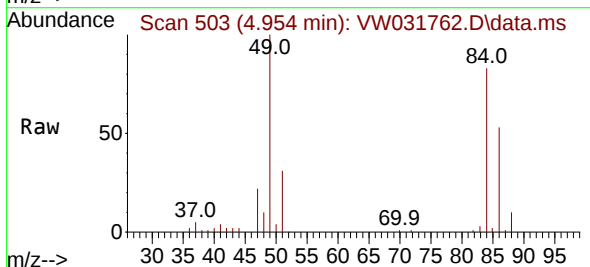
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

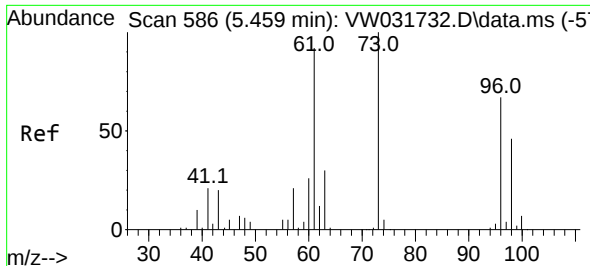
Tgt Ion: 73 Resp: 97635
Ion Ratio Lower Upper
73 100
57 22.1 17.2 25.8



#20
Methylene Chloride
Concen: 18.755 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 84 Resp: 71656
Ion Ratio Lower Upper
84 100
49 121.0 98.2 147.4
51 37.7 29.8 44.8
86 63.9 49.5 74.3

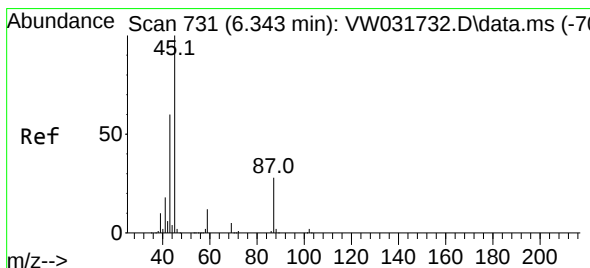
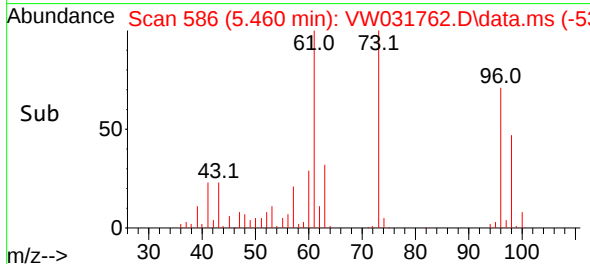
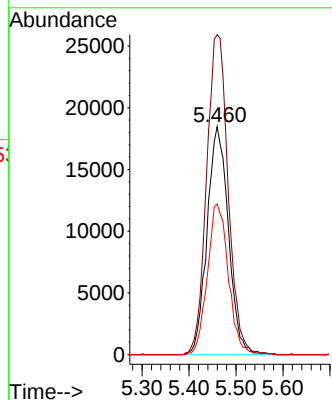
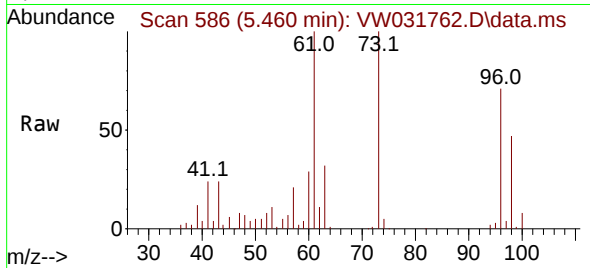




#21
trans-1,2-Dichloroethene
Concen: 19.751 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

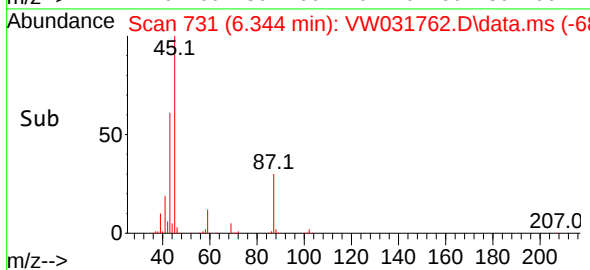
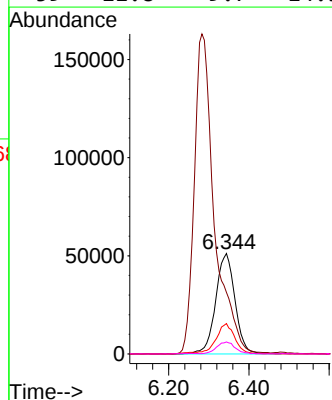
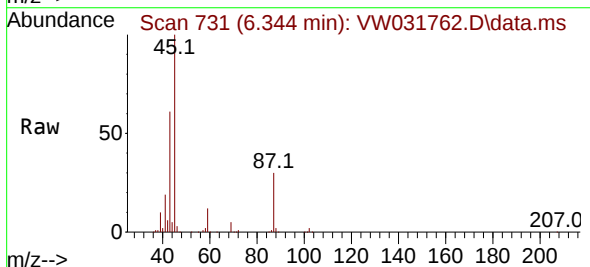
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

Tgt Ion: 96 Resp: 58123
Ion Ratio Lower Upper
96 100
61 140.3 109.8 164.6
98 66.1 54.9 82.3



#22
Diisopropyl ether
Concen: 20.667 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 45 Resp: 171277
Ion Ratio Lower Upper
45 100
43 60.1 48.3 72.5
87 30.0 22.6 34.0
59 11.8 9.7 14.5

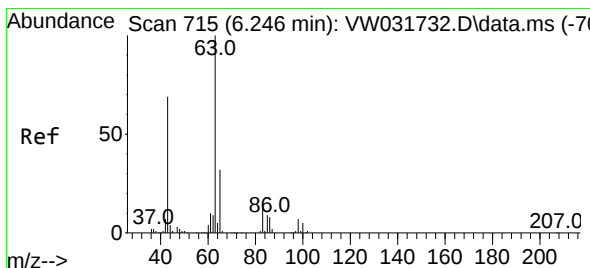
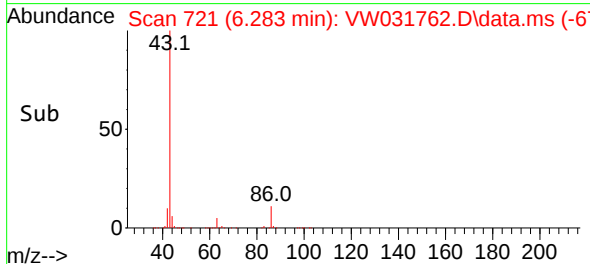
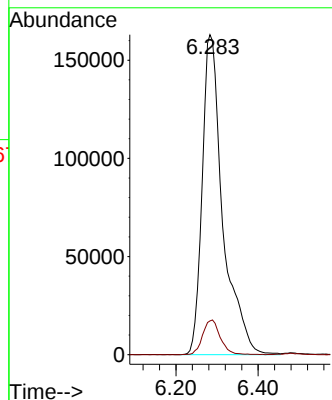
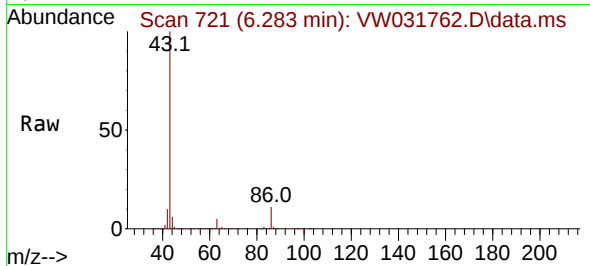




#23
 Vinyl Acetate
 Concen: 100.185 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

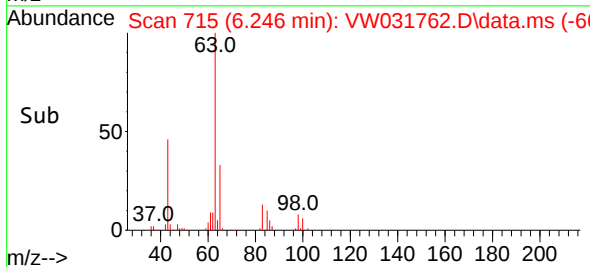
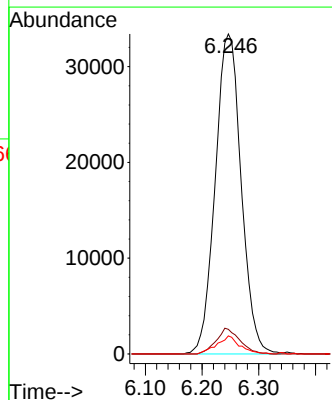
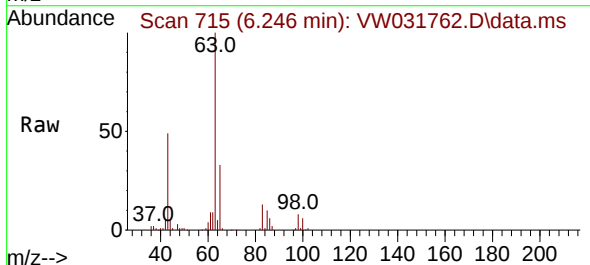
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBSD01

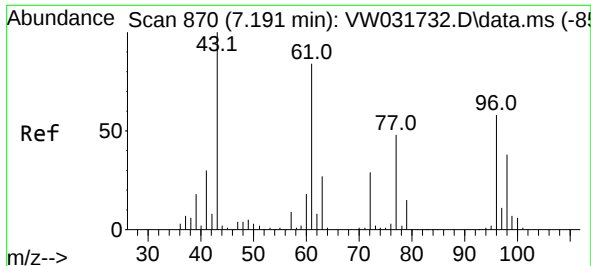
Tgt Ion: 43 Resp: 567110
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 19.717 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

Tgt Ion: 63 Resp: 105938
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 5.7 2.5 7.5

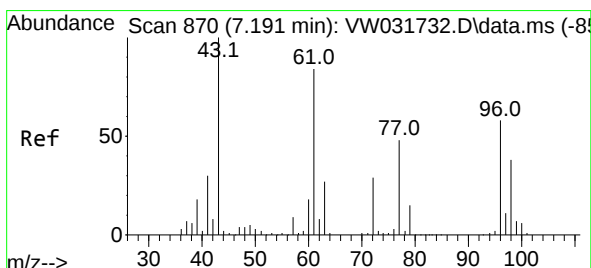
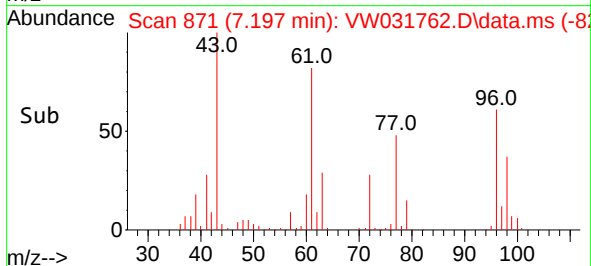
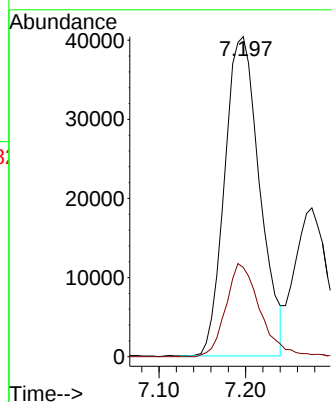
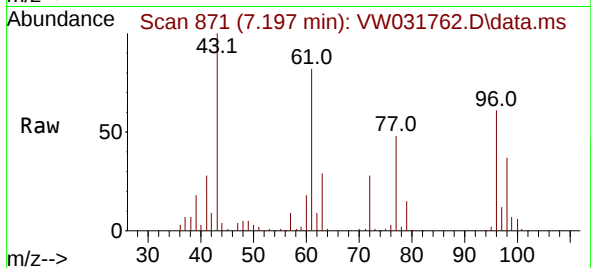




#25
2-Butanone
Concen: 105.858 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

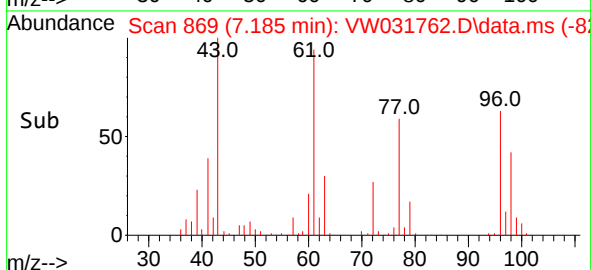
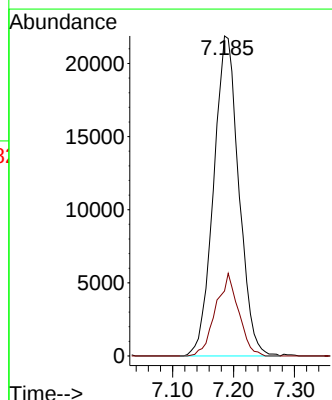
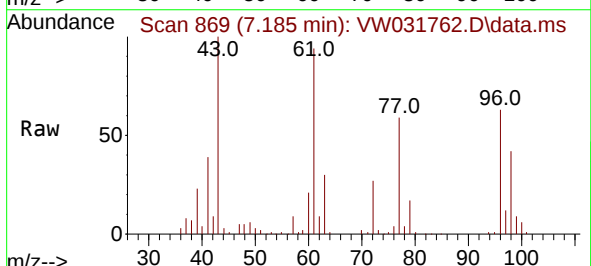
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

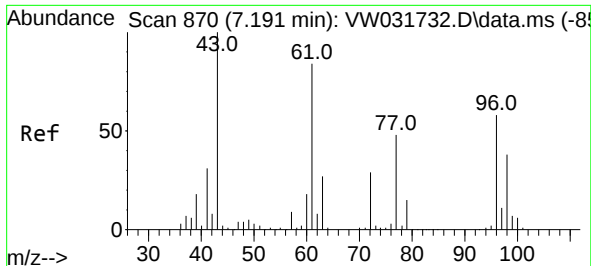
Tgt Ion: 43 Resp: 113543
Ion Ratio Lower Upper
43 100
72 28.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 20.064 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 77 Resp: 62897
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.984 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

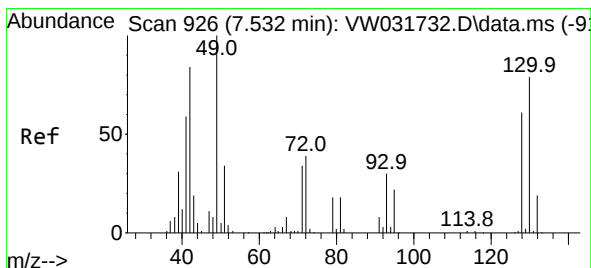
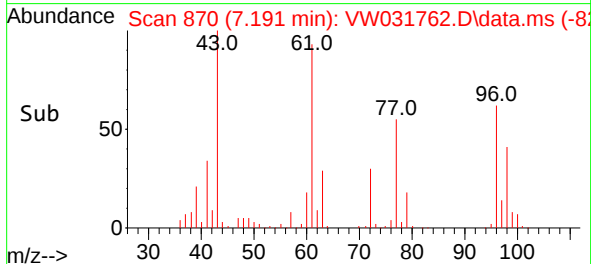
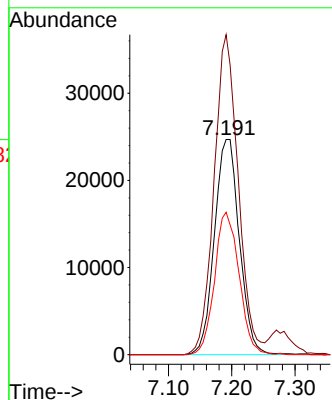
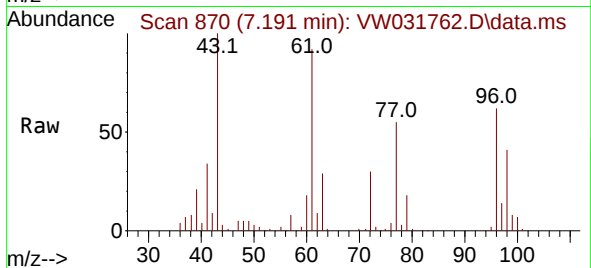
Tgt Ion: 96 Resp: 67600

Ion Ratio Lower Upper

96 100

61 144.2 0.0 286.8

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.646 ug/l

RT: 7.533 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

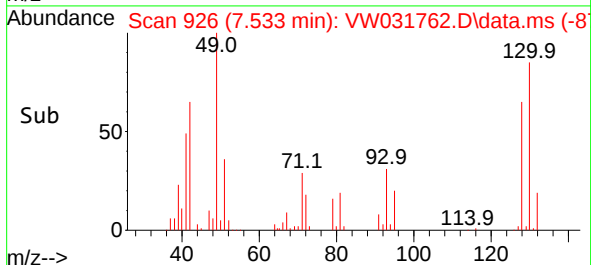
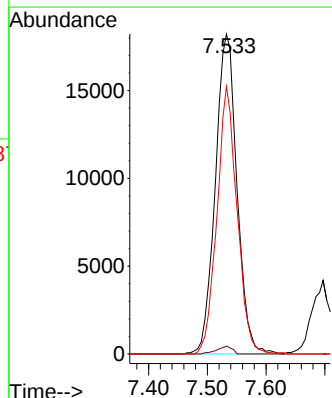
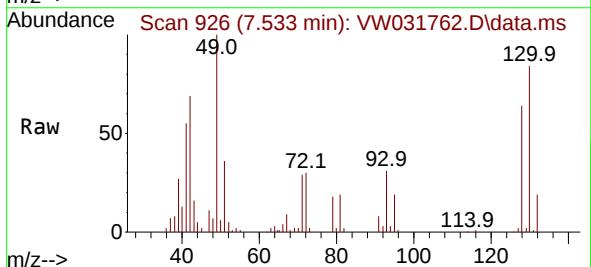
Tgt Ion: 49 Resp: 46581

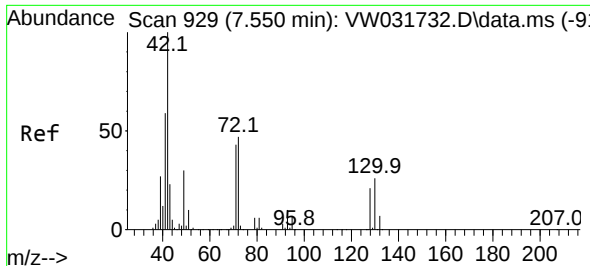
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

130 77.8 61.3 91.9

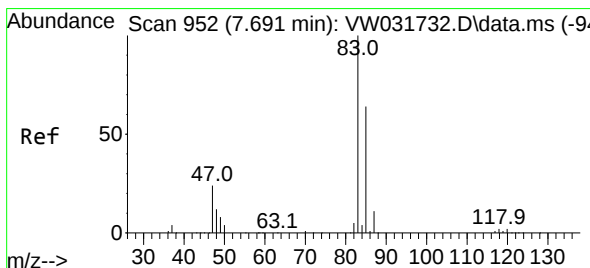
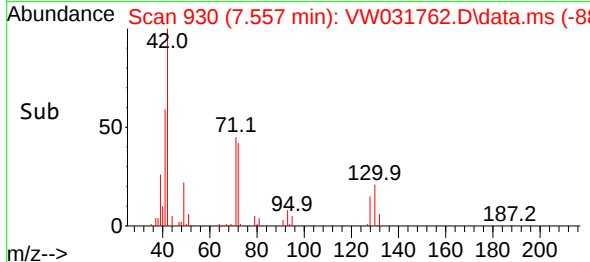
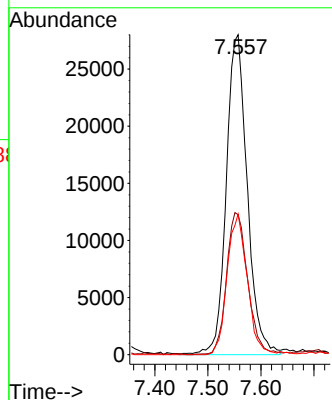
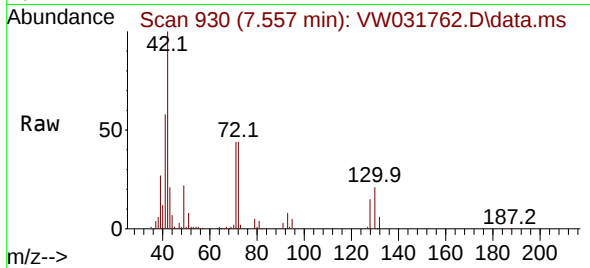




#29
Tetrahydrofuran
Concen: 104.732 ug/l
RT: 7.557 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

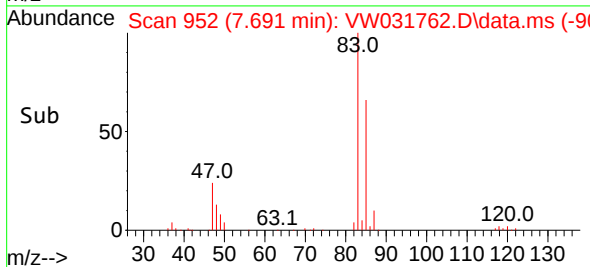
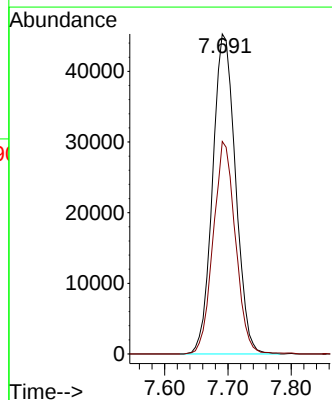
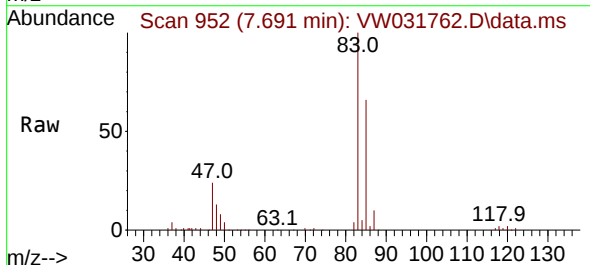
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

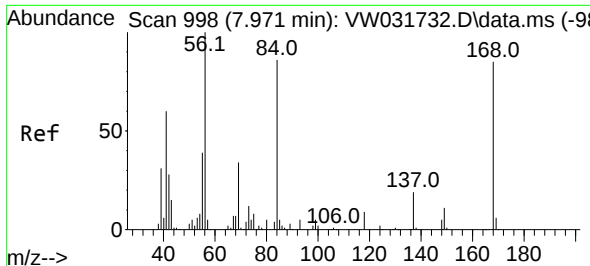
Tgt Ion: 42 Resp: 76930
Ion Ratio Lower Upper
42 100
72 44.9 36.8 55.2
71 42.0 34.6 52.0



#30
Chloroform
Concen: 19.901 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 83 Resp: 113620
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.0

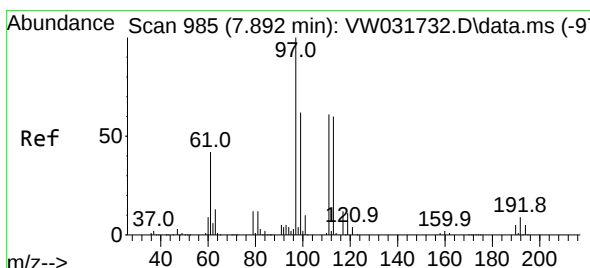
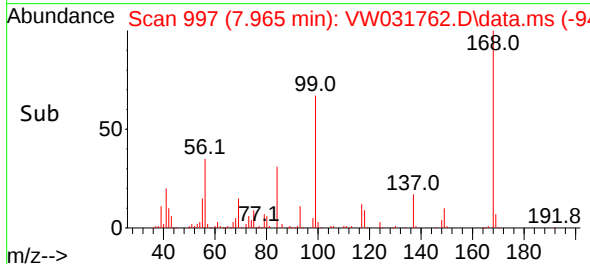
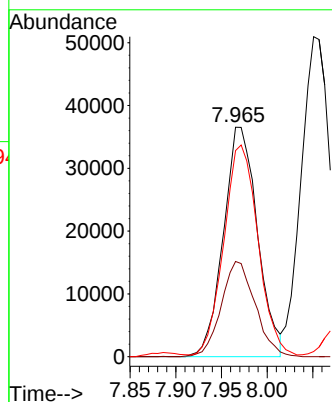
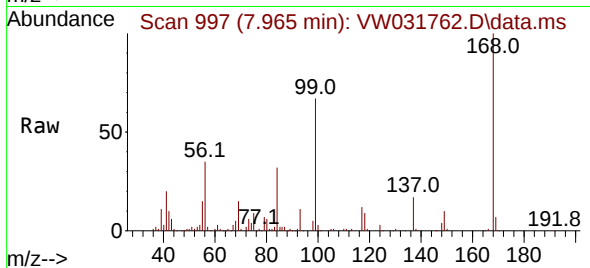




#31
Cyclohexane
Concen: 19.938 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

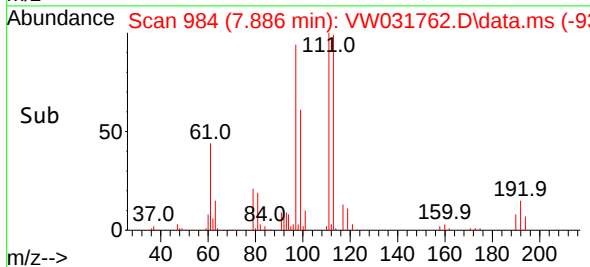
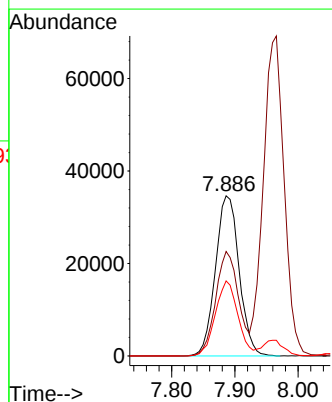
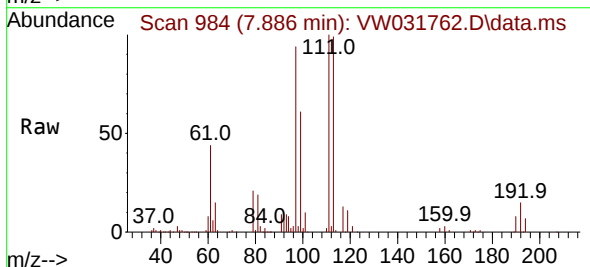
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

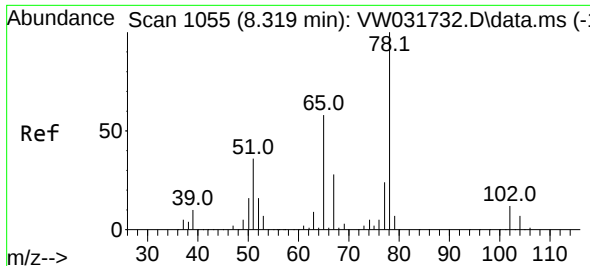
Tgt Ion: 56 Resp: 94693
Ion Ratio Lower Upper
56 100
69 41.5 27.2 40.8#
84 88.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.442 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 97 Resp: 89939
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 44.6 36.0 54.0

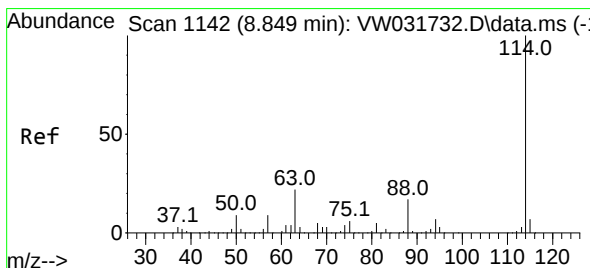
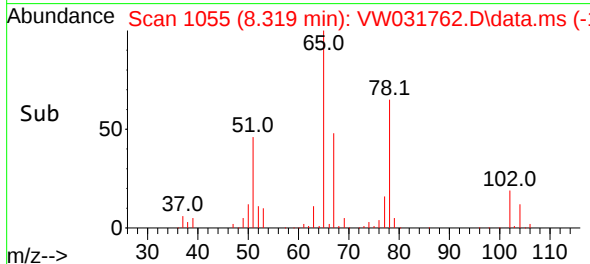
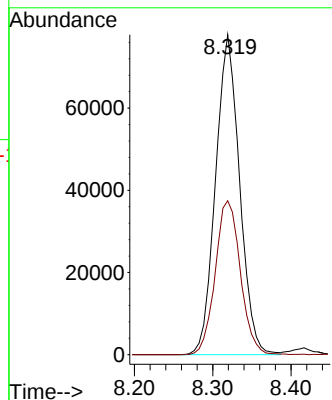
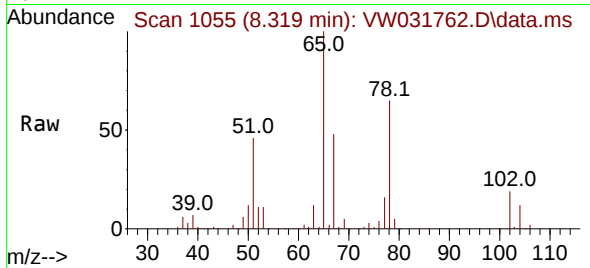




#33
 1,2-Dichloroethane-d4
 Concen: 49.780 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

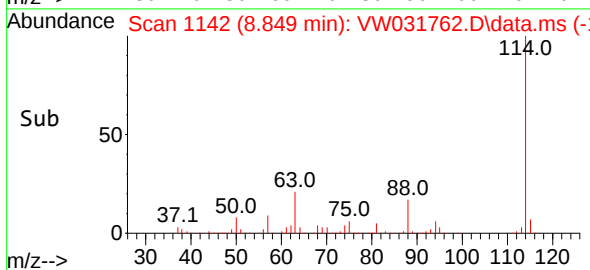
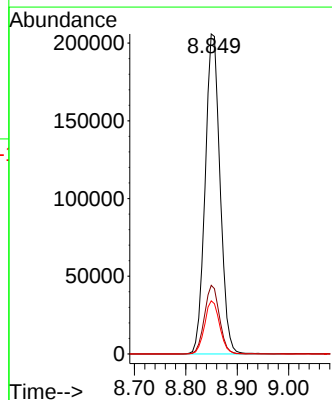
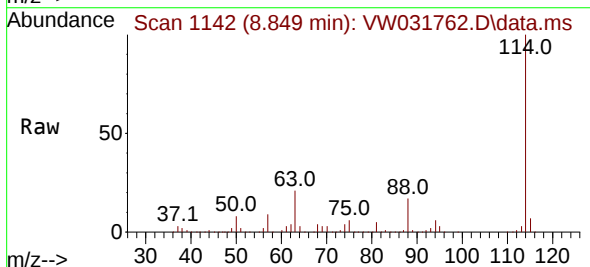
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBSD01

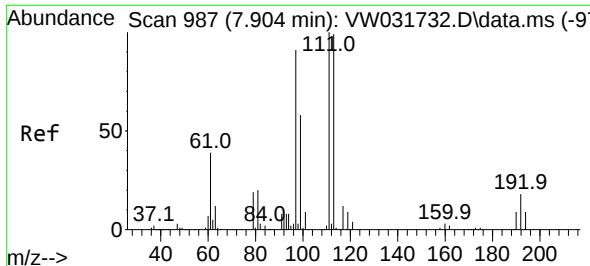
Tgt Ion: 65 Resp: 166045
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

Tgt Ion: 114 Resp: 414223
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.6
 88 16.6 0.0 34.2

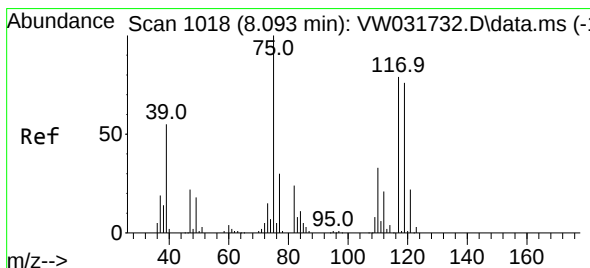
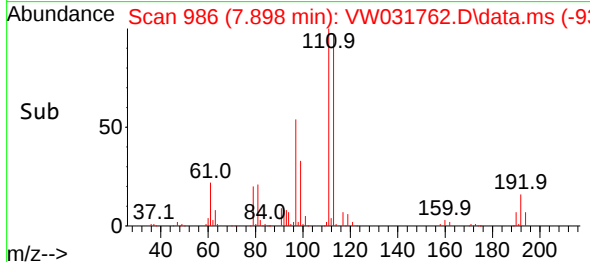
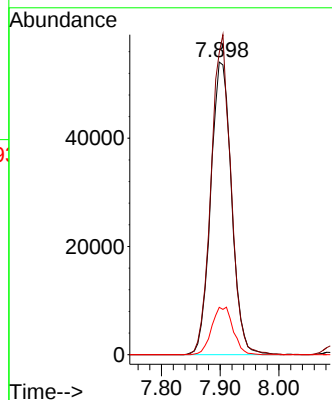
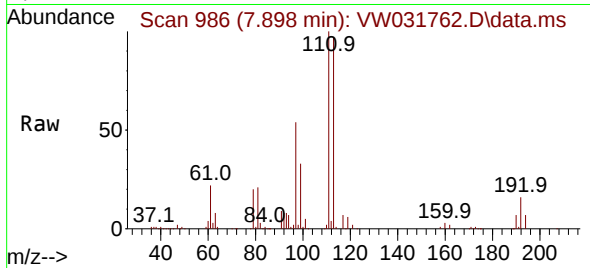




#35
 Dibromofluoromethane
 Concen: 49.256 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

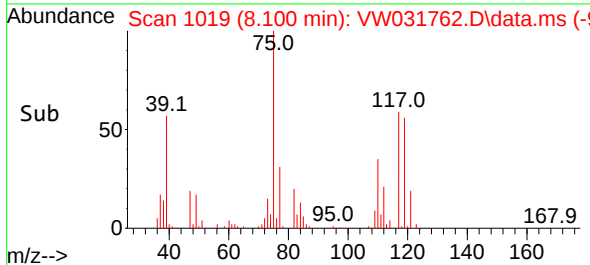
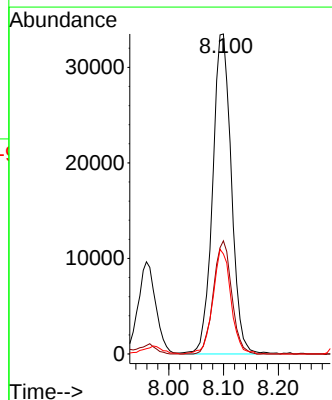
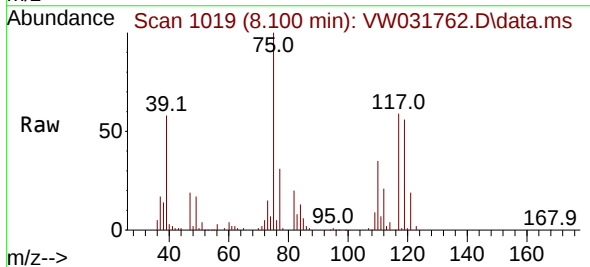
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBSD01

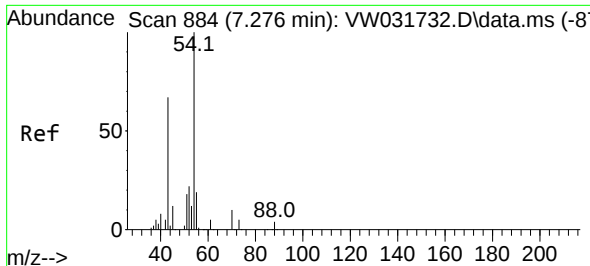
Tgt Ion:113 Resp: 133139
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.1 123.1
 192 16.7 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 20.305 ug/l
 RT: 8.100 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

Tgt Ion: 75 Resp: 79420
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.8 50.4
 77 31.5 25.0 37.6





#37

Ethyl Acetate

Concen: 20.853 ug/l

RT: 7.277 min Scan# 884

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

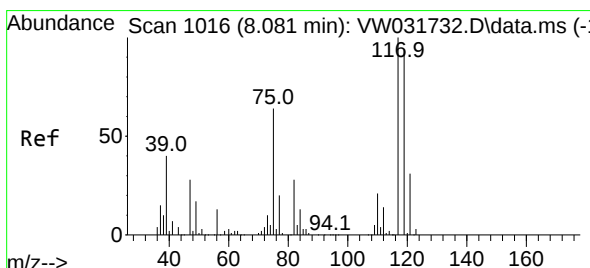
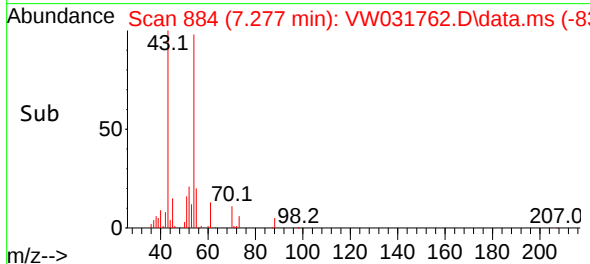
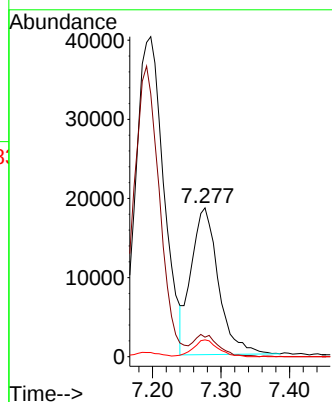
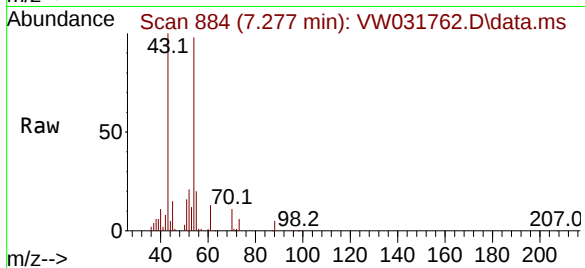
Tgt Ion: 43 Resp: 51452

Ion Ratio Lower Upper

43 100

61 13.5 10.9 16.3

70 10.3 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.099 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

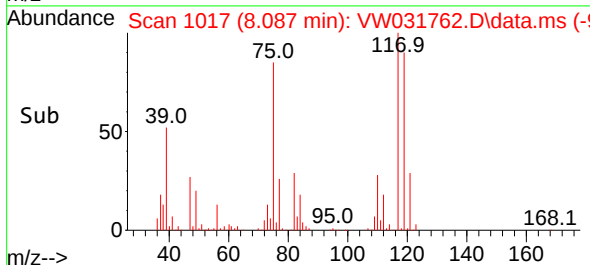
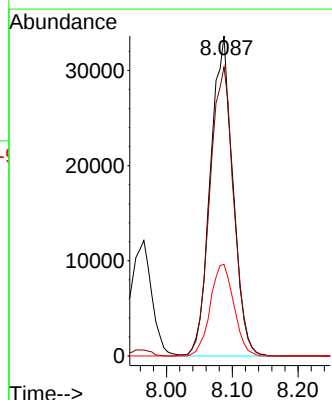
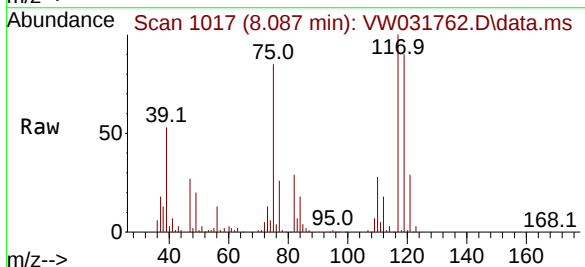
Tgt Ion: 117 Resp: 80109

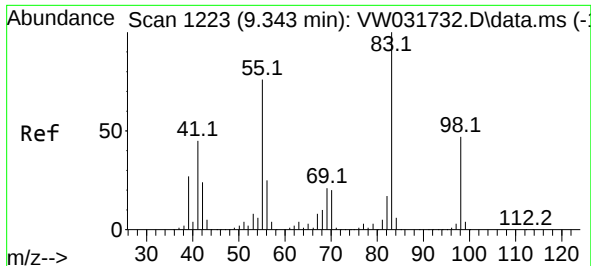
Ion Ratio Lower Upper

117 100

119 90.3 75.0 112.6

121 28.6 24.6 37.0





#39

Methylcyclohexane

Concen: 20.504 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

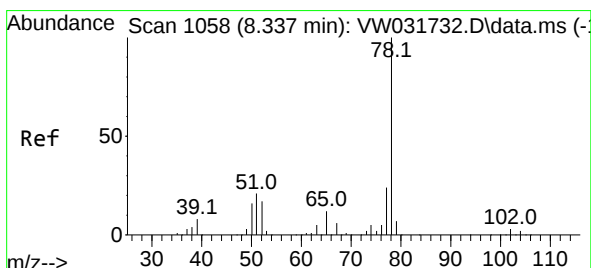
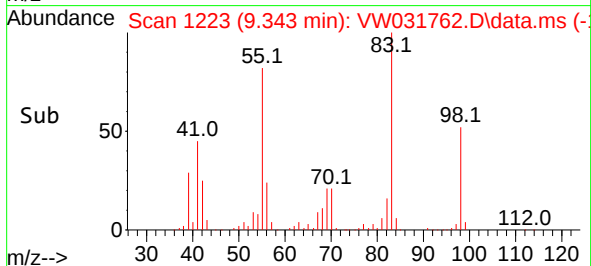
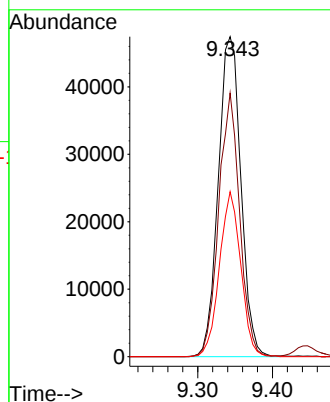
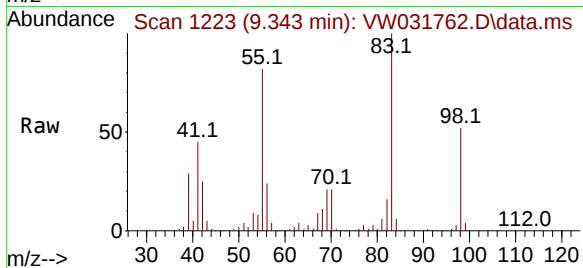
Tgt Ion: 83 Resp: 99782

Ion Ratio Lower Upper

83 100

55 82.4 61.0 91.4

98 51.6 37.9 56.9



#40

Benzene

Concen: 20.573 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031762.D

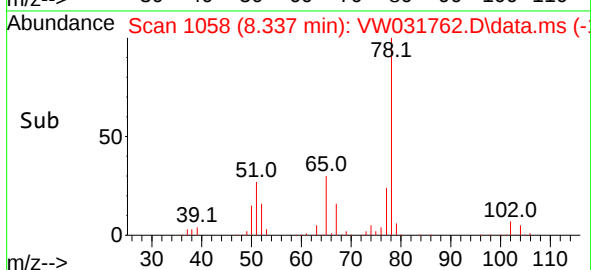
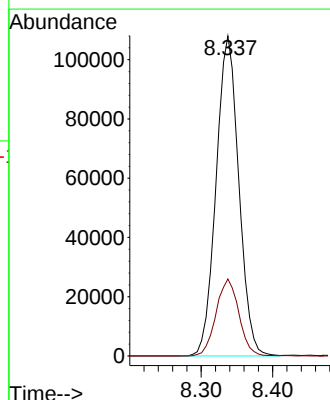
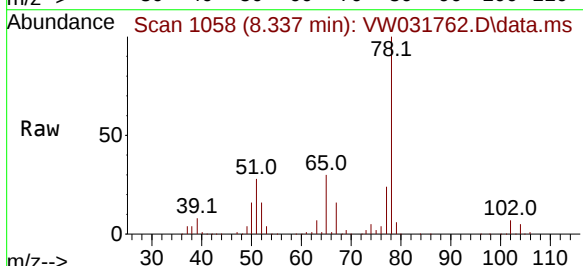
Acq: 03 Jul 2025 12:01

Tgt Ion: 78 Resp: 238076

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8

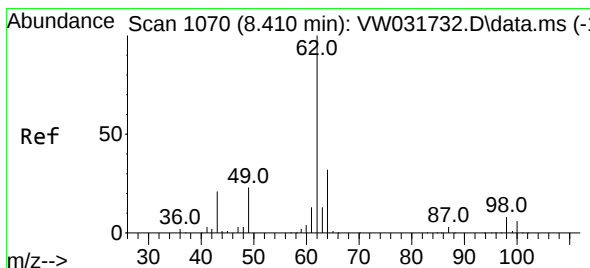
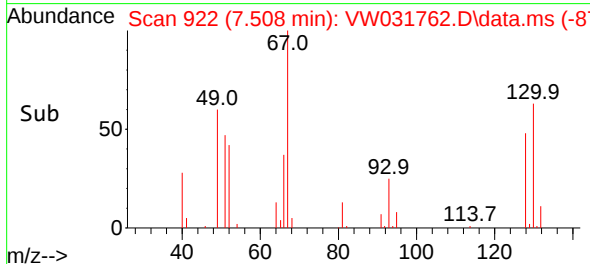
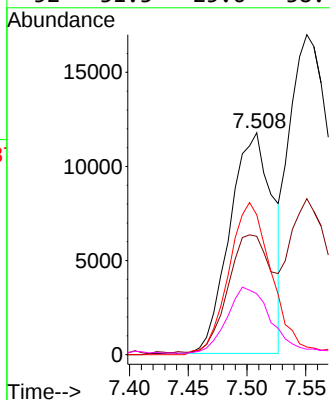
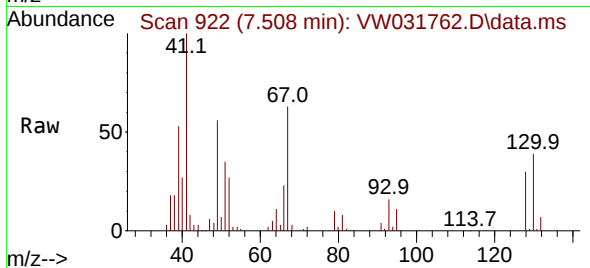




#41
Methacrylonitrile
Concen: 22.575 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.013 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

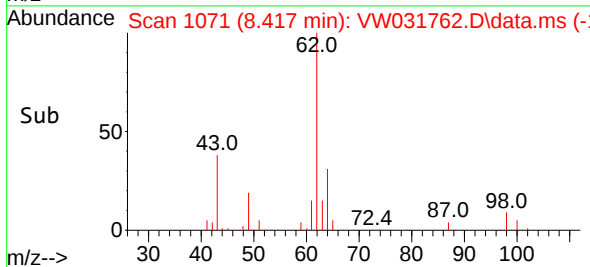
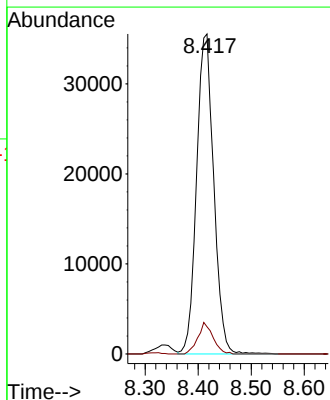
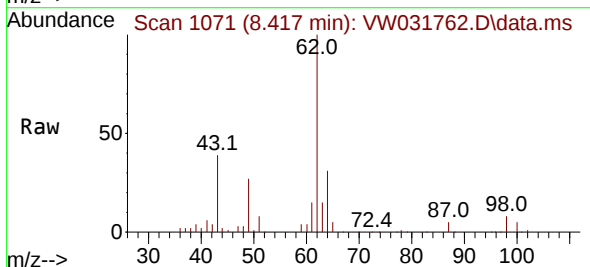
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

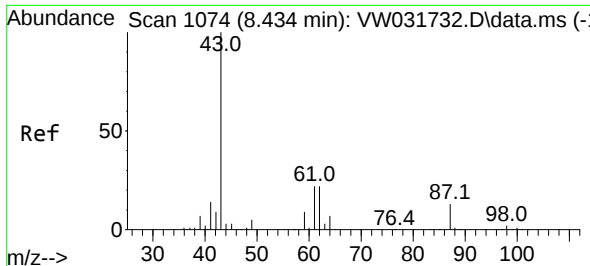
Tgt Ion: 41	Resp: 29838
Ion Ratio	Lower Upper
41 100	
39 55.2	43.2 64.8
67 70.2	58.1 87.1
52 31.3	25.6 38.4



#42
1,2-Dichloroethane
Concen: 20.427 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 62	Resp: 79871
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 17.2

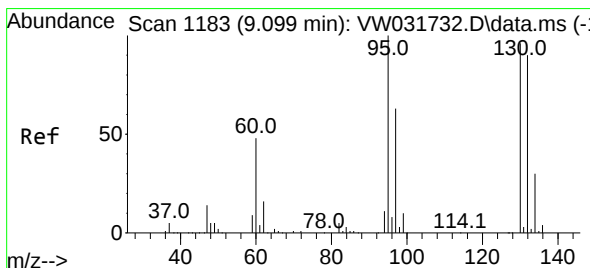
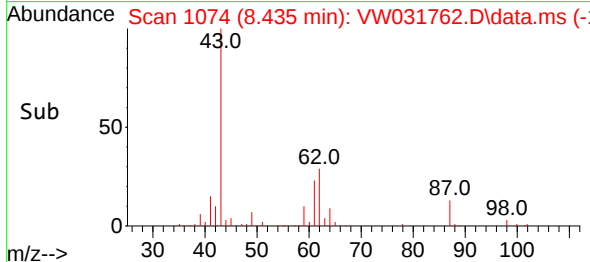
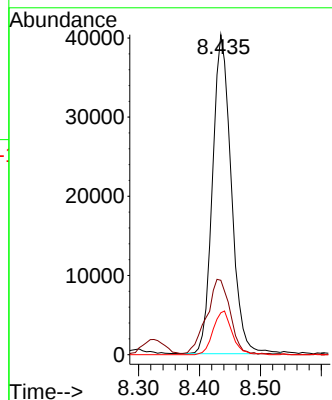
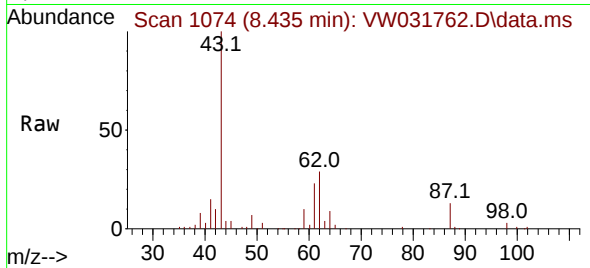




#43
Isopropyl Acetate
Concen: 20.242 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

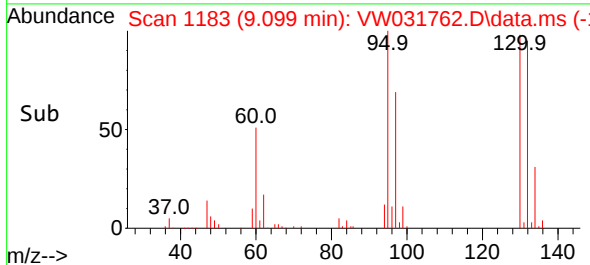
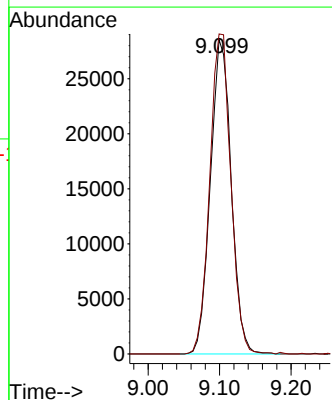
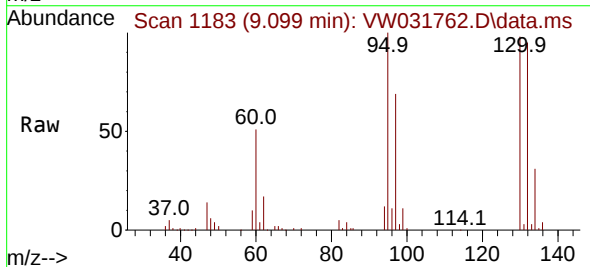
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

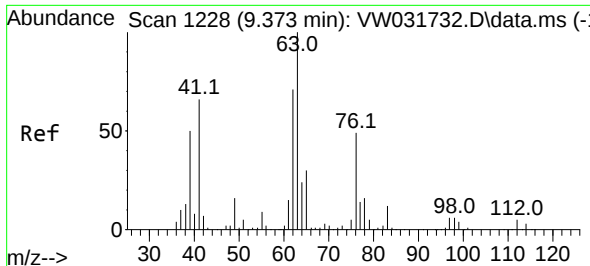
Tgt Ion: 43 Resp: 86093
Ion Ratio Lower Upper
43 100
61 29.4 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 20.018 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:130 Resp: 57819
Ion Ratio Lower Upper
130 100
95 101.9 0.0 208.6

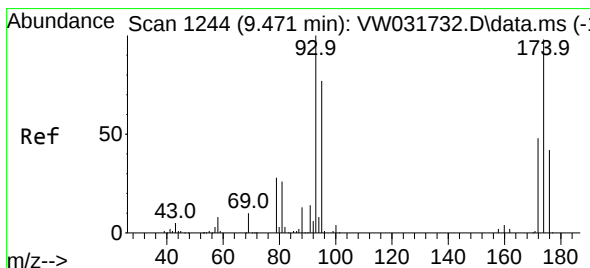
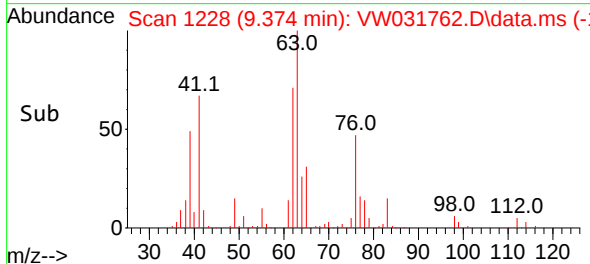
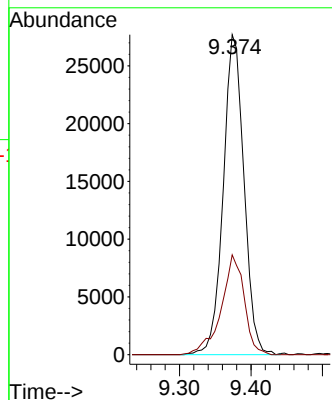
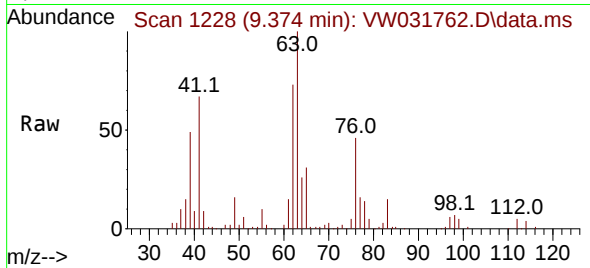




#45
1,2-Dichloropropane
Concen: 19.932 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

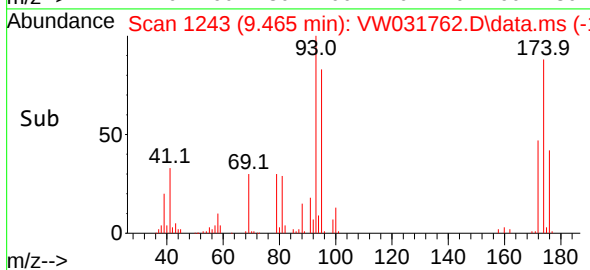
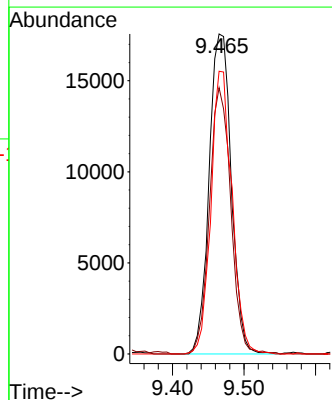
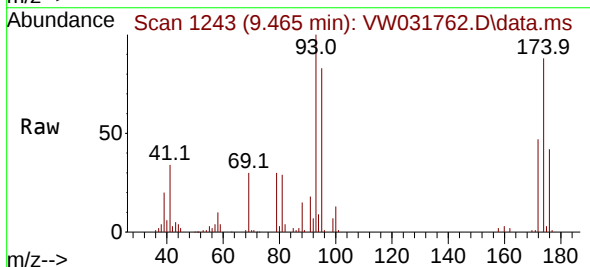
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

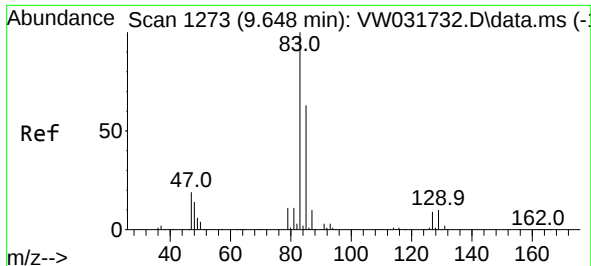
Tgt Ion: 63 Resp: 55745
Ion Ratio Lower Upper
63 100
65 31.2 24.2 36.4



#46
Dibromomethane
Concen: 20.972 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 93 Resp: 37869
Ion Ratio Lower Upper
93 100
95 79.9 67.0 100.4
174 83.8 71.7 107.5

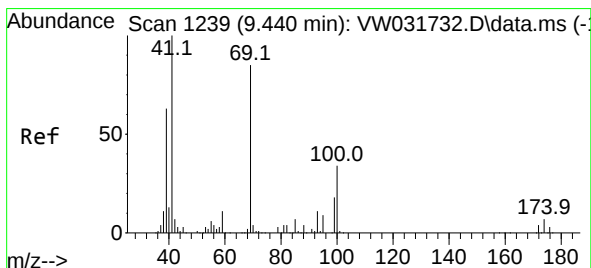
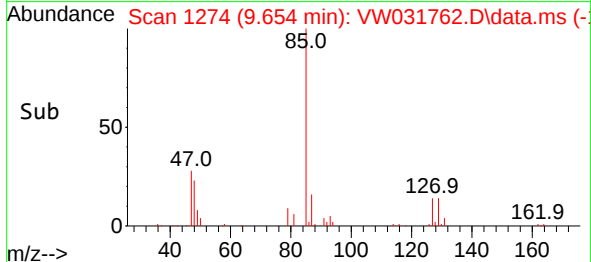
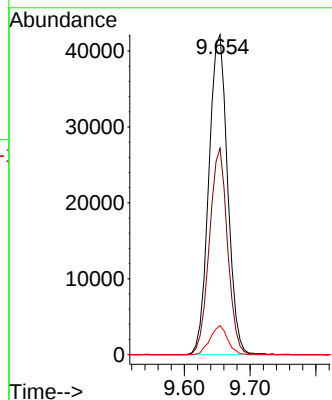
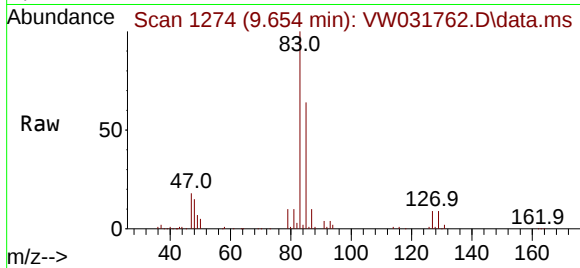




#47
Bromodichloromethane
Concen: 19.719 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

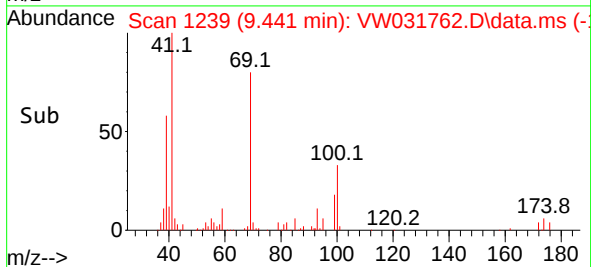
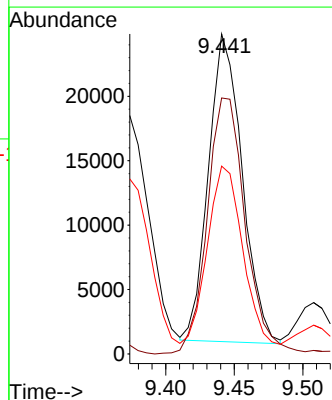
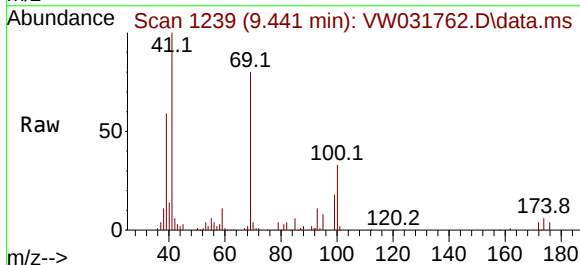
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

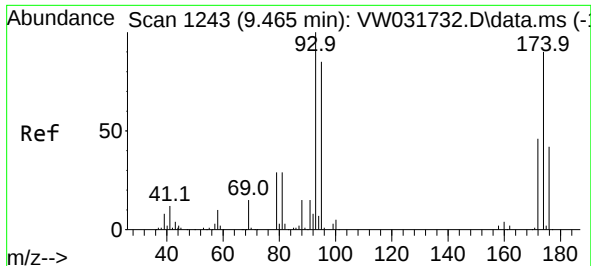
Tgt Ion: 83 Resp: 83496
Ion Ratio Lower Upper
83 100
85 64.5 50.8 76.2
127 9.1 6.8 10.2



#48
Methyl methacrylate
Concen: 19.524 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 41 Resp: 40831
Ion Ratio Lower Upper
41 100
69 94.2 71.6 107.4
39 60.8 49.5 74.3





#49

1,4-Dioxane

Concen: 412.807 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

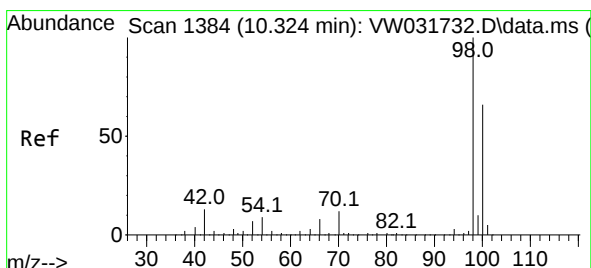
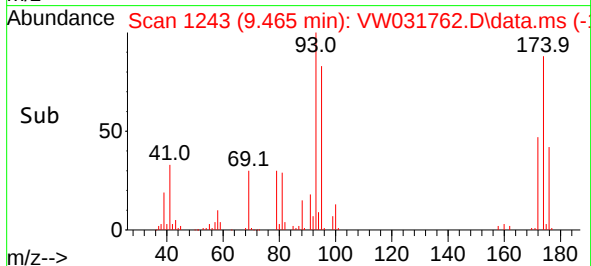
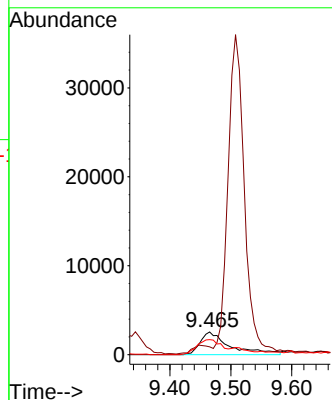
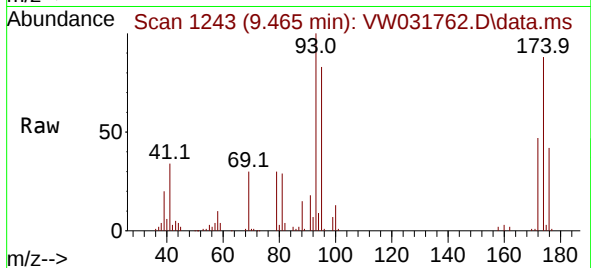
Tgt Ion: 88 Resp: 8730

Ion Ratio Lower Upper

88 100

43 24.9 0.0 0.0#

58 53.6 58.3 87.5#



#50

Toluene-d8

Concen: 50.836 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031762.D

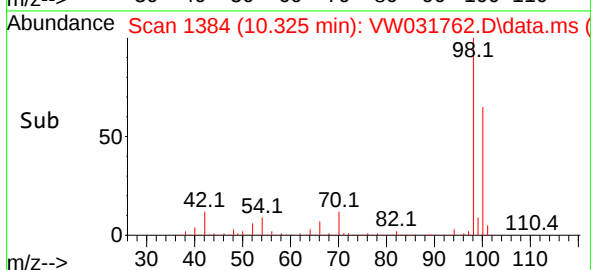
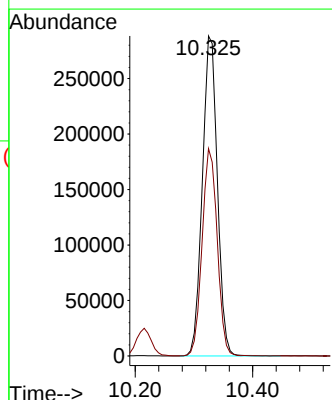
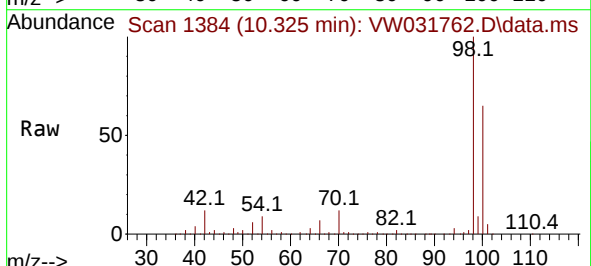
Acq: 03 Jul 2025 12:01

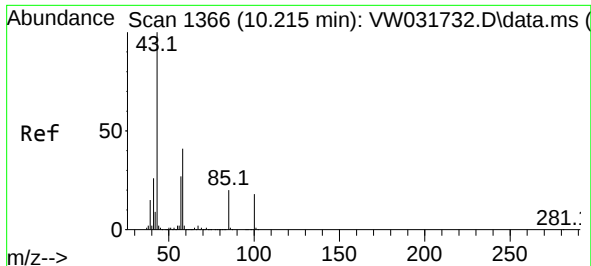
Tgt Ion: 98 Resp: 511354

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

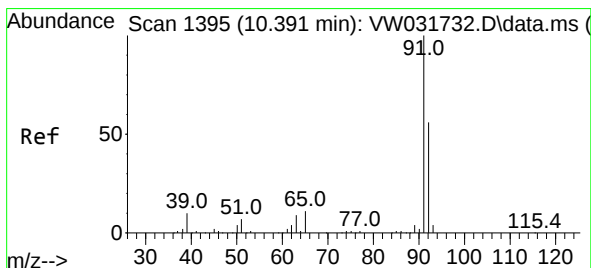
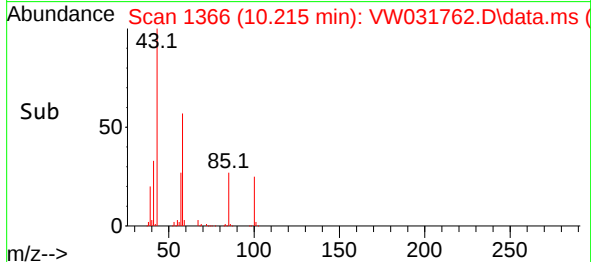
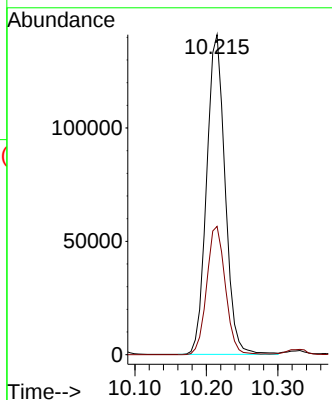
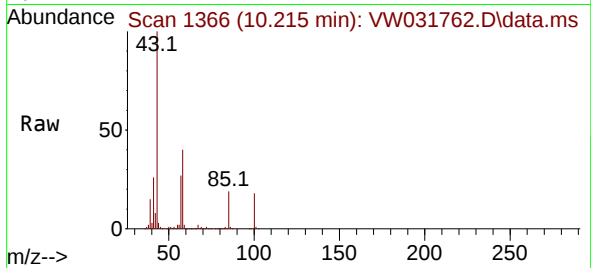




#51
4-Methyl-2-Pentanone
Concen: 103.376 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

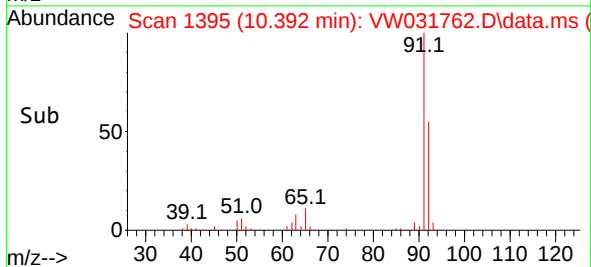
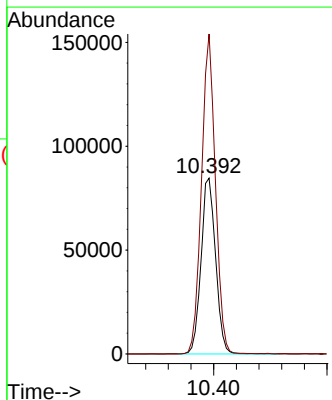
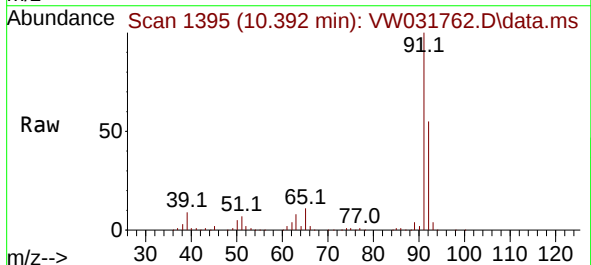
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

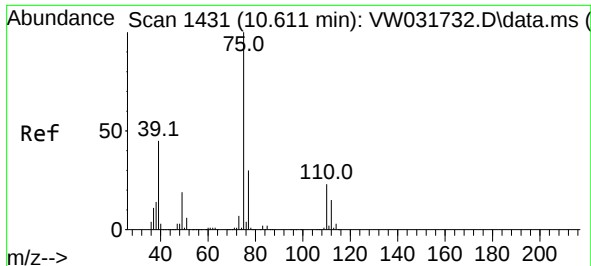
Tgt Ion: 43 Resp: 252775
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 20.335 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 92 Resp: 150663
Ion Ratio Lower Upper
92 100
91 174.1 139.5 209.3

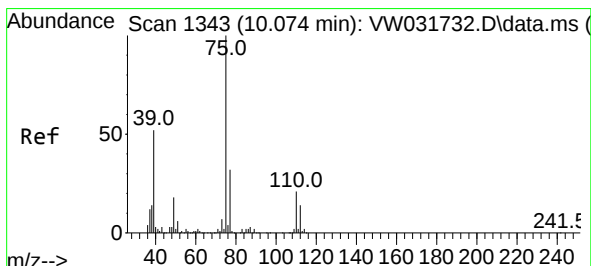
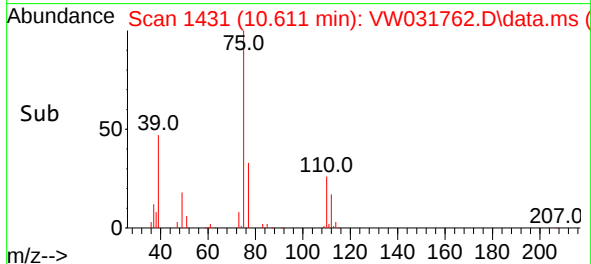
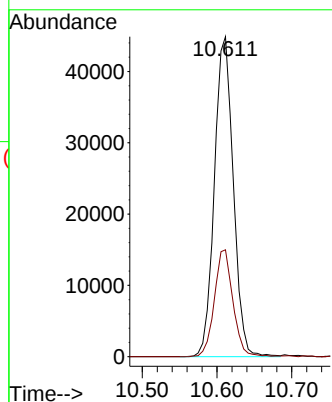
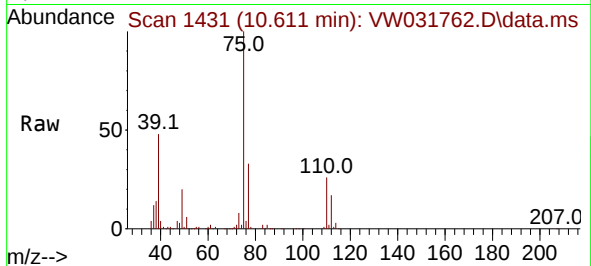




#53
t-1,3-Dichloropropene
Concen: 19.854 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

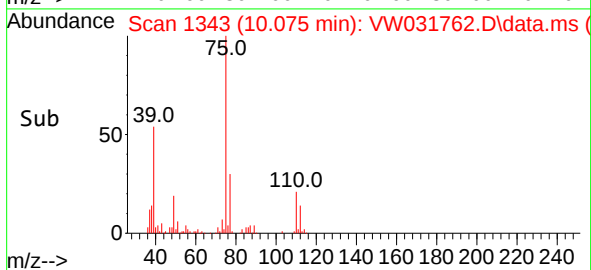
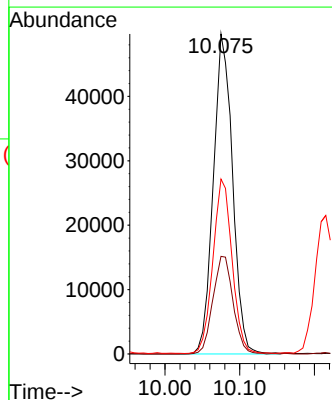
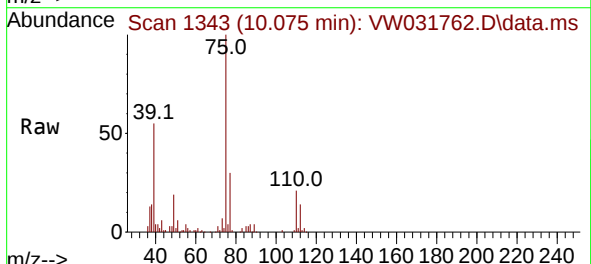
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

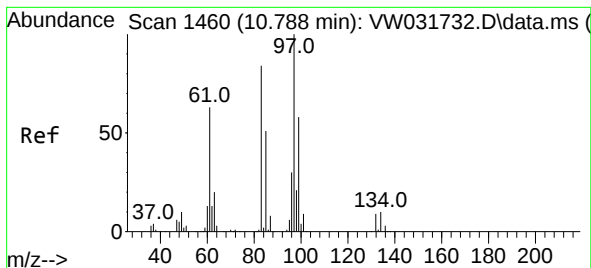
Tgt Ion: 75 Resp: 78875
Ion Ratio Lower Upper
75 100
77 33.4 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 19.714 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 75 Resp: 88783
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2
39 54.4 41.8 62.6

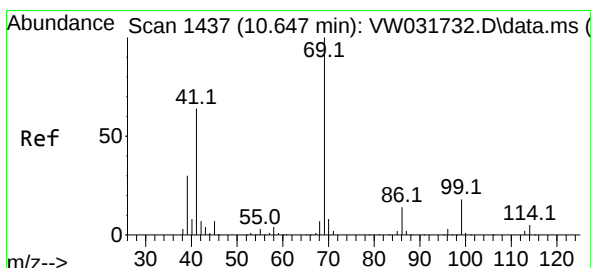
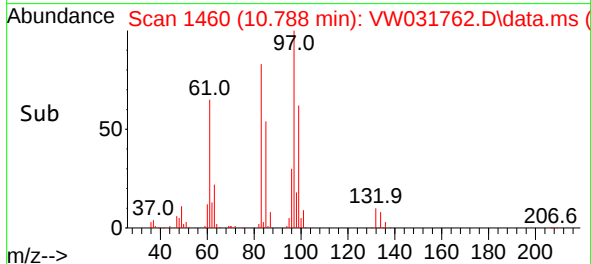
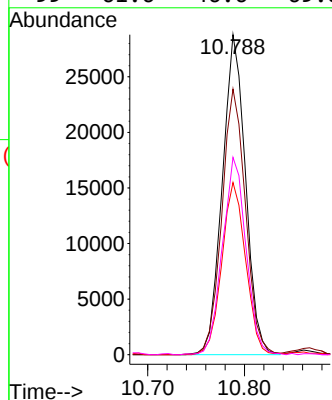
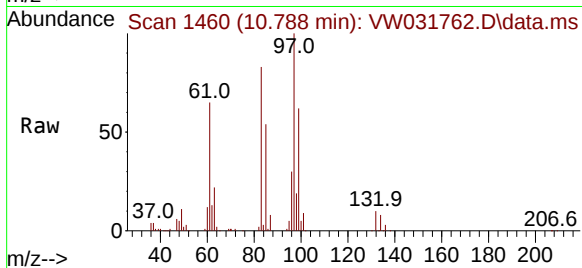




#55
1,1,2-Trichloroethane
Concen: 20.250 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

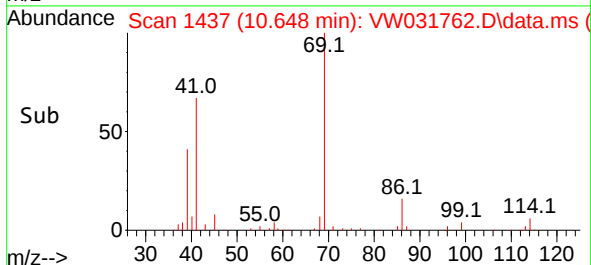
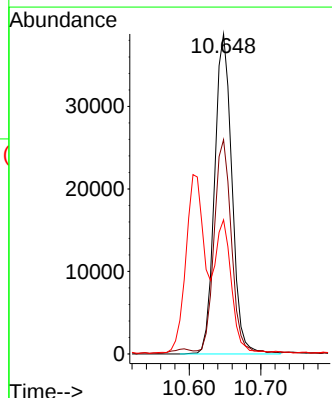
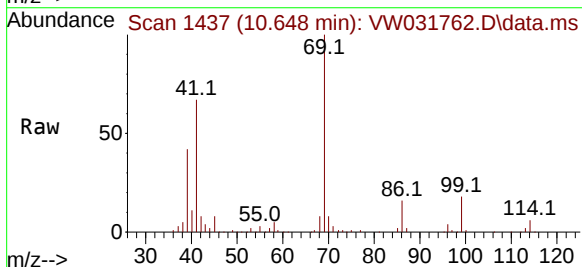
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

Tgt Ion:	97	Resp:	47897
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.9	100.3
85	53.8	41.1	61.7
99	61.6	46.6	69.8



#56
Ethyl methacrylate
Concen: 20.311 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:	69	Resp:	65174
Ion	Ratio	Lower	Upper
69	100		
41	66.2	53.3	79.9
39	37.7	30.2	45.2





#57

1,3-Dichloropropane

Concen: 19.734 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

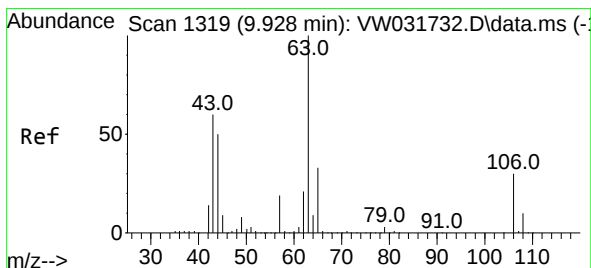
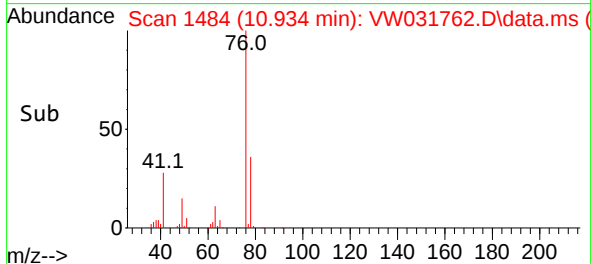
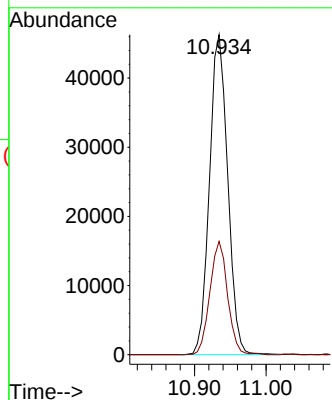
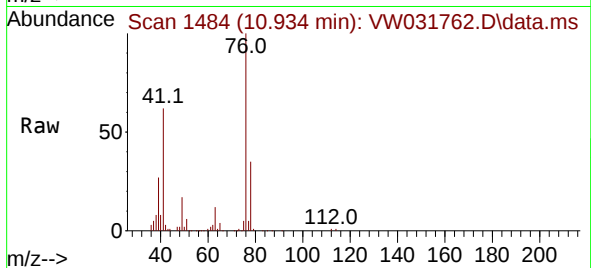
VW0703SBSD01

Tgt Ion: 76 Resp: 81949

Ion Ratio Lower Upper

76 100

78 34.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.963 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031762.D

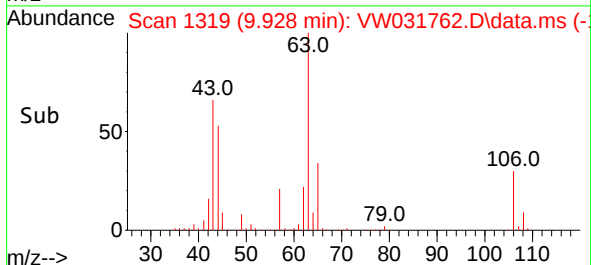
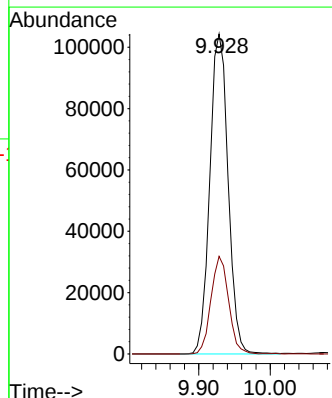
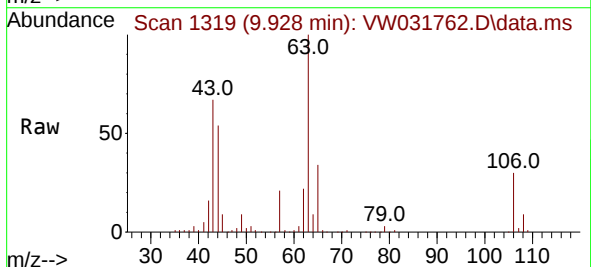
Acq: 03 Jul 2025 12:01

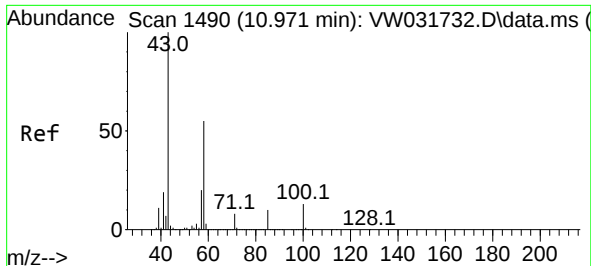
Tgt Ion: 63 Resp: 185464

Ion Ratio Lower Upper

63 100

106 29.3 24.1 36.1

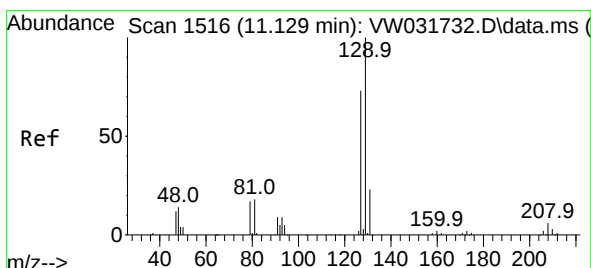
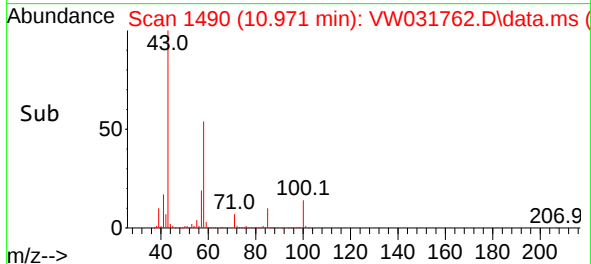
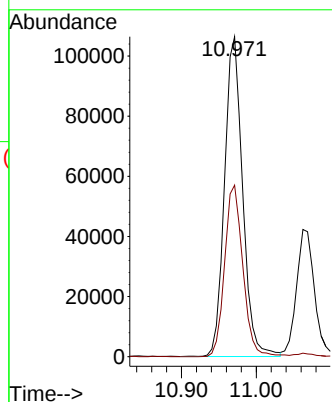
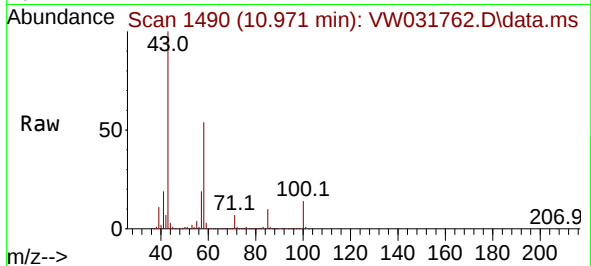




#59
2-Hexanone
Concen: 108.383 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

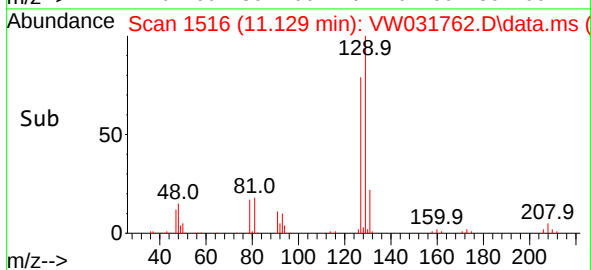
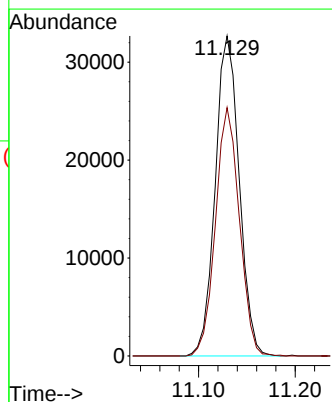
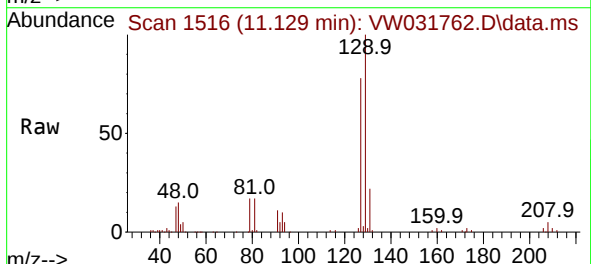
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

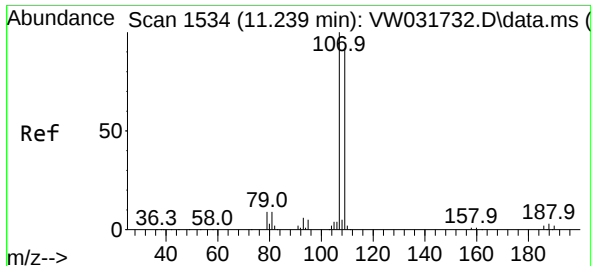
Tgt Ion: 43 Resp: 179587
Ion Ratio Lower Upper
43 100
58 53.9 27.9 83.6



#60
Dibromochloromethane
Concen: 19.910 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:129 Resp: 56315
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1

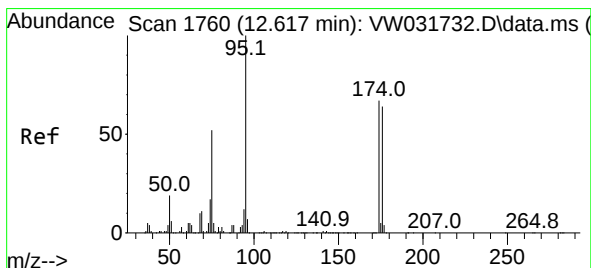
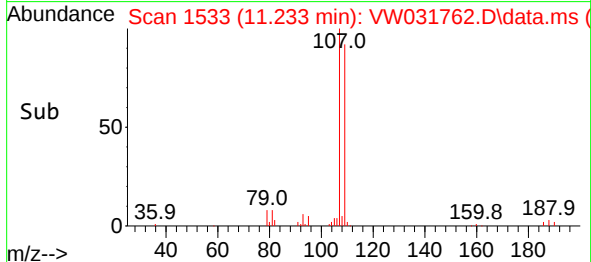
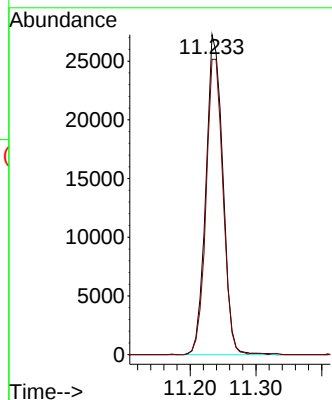
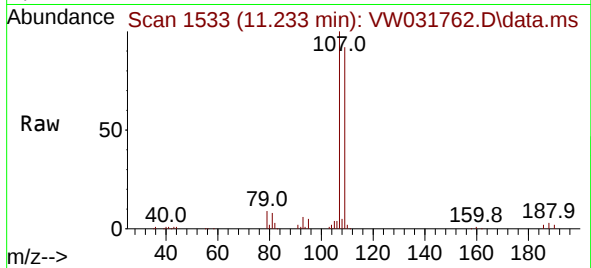




#61
1,2-Dibromoethane
Concen: 20.541 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

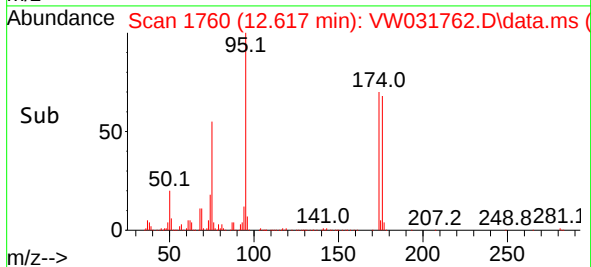
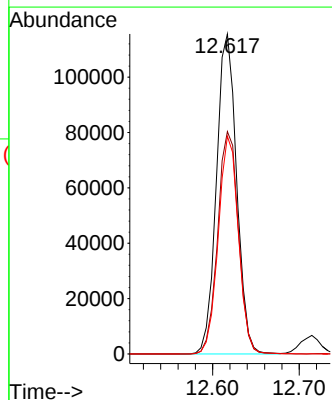
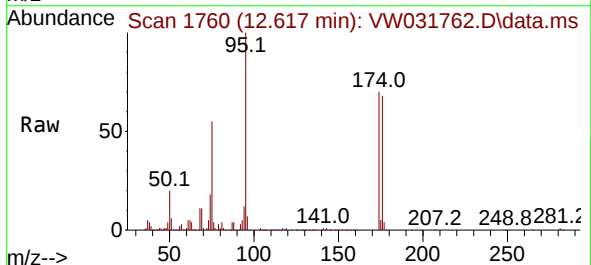
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

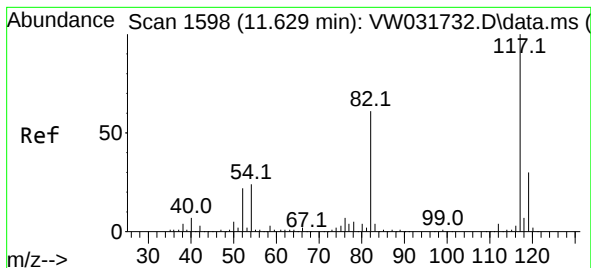
Tgt Ion:107 Resp: 48638
Ion Ratio Lower Upper
107 100
109 92.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 50.551 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 95 Resp: 187123
Ion Ratio Lower Upper
95 100
174 71.2 0.0 133.8
176 67.8 0.0 126.0

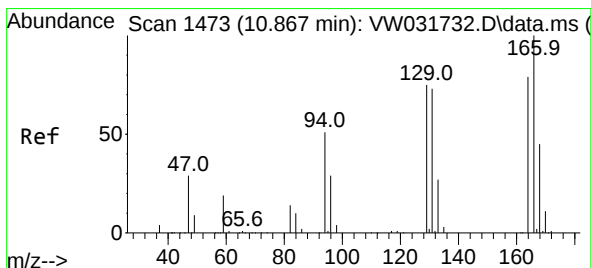
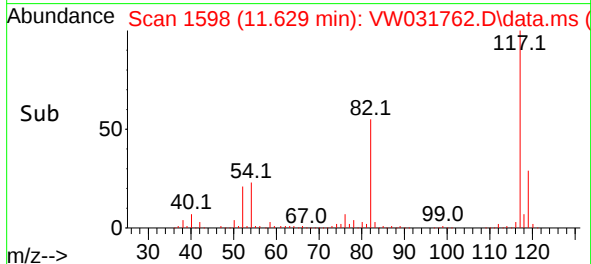
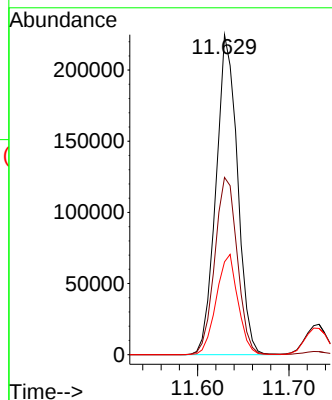
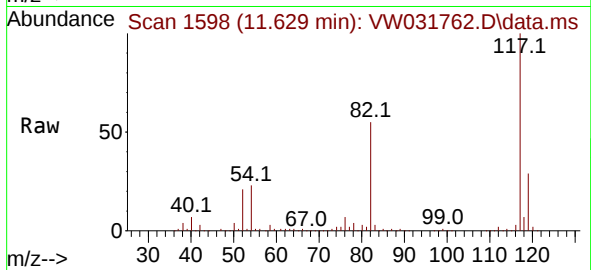




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

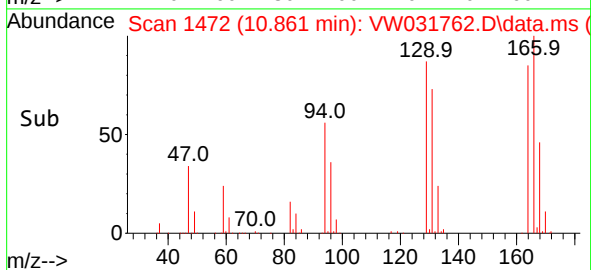
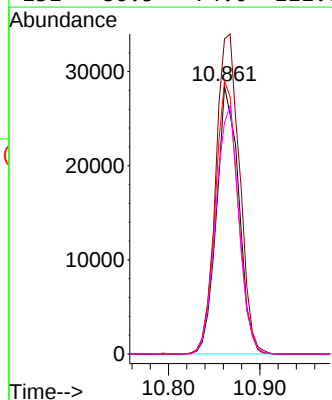
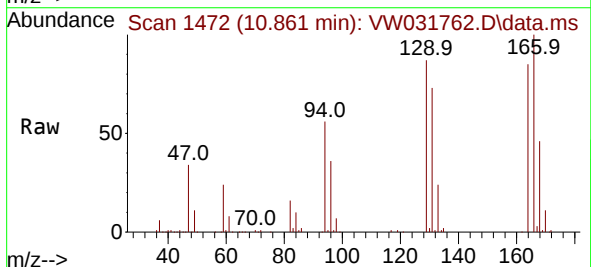
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

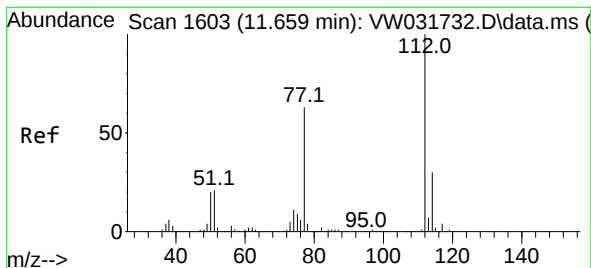
Tgt Ion:117 Resp: 366966
Ion Ratio Lower Upper
117 100
82 55.4 48.6 72.8
119 29.0 23.9 35.9



#64
Tetrachloroethene
Concen: 20.113 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:164 Resp: 48278
Ion Ratio Lower Upper
164 100
166 117.8 100.7 151.1
129 102.0 75.4 113.0
131 86.5 74.0 111.0





#65

Chlorobenzene

Concen: 20.668 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

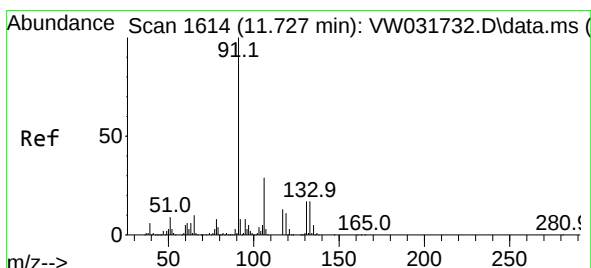
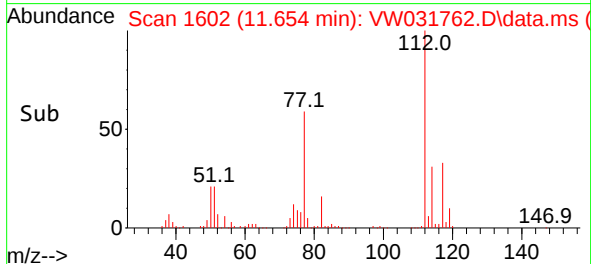
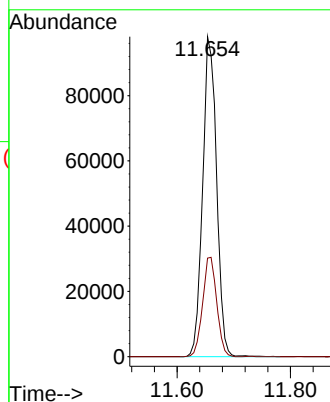
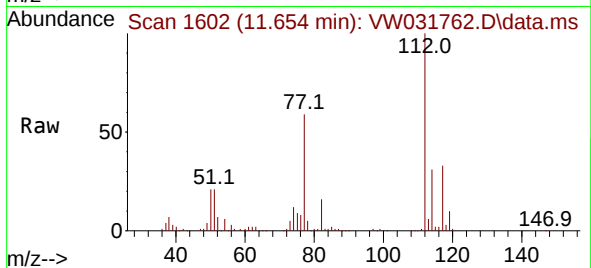
VW0703SBS01

Tgt Ion:112 Resp: 167342

Ion Ratio Lower Upper

112 100

114 30.8 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.229 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

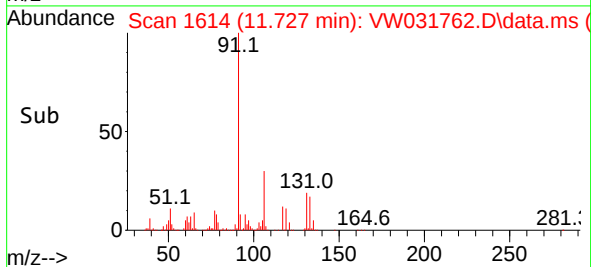
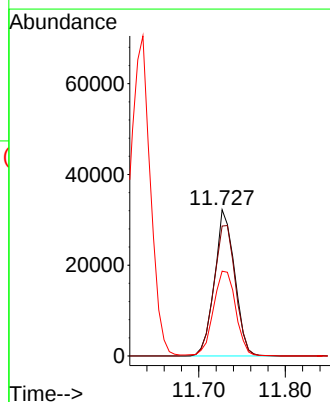
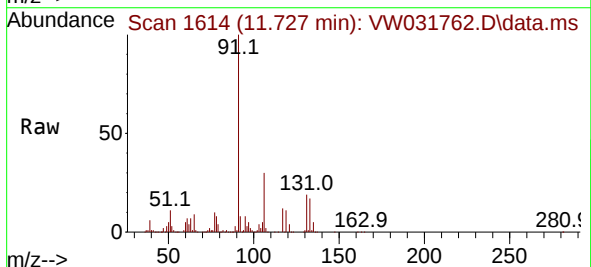
Tgt Ion:131 Resp: 52192

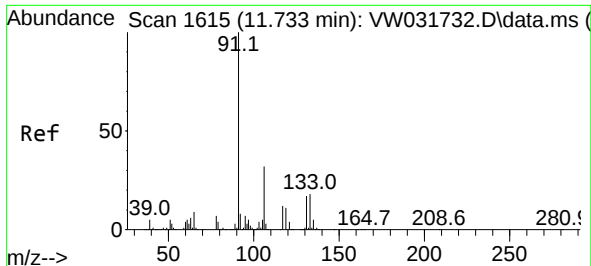
Ion Ratio Lower Upper

131 100

133 95.5 48.5 145.6

119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 20.369 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

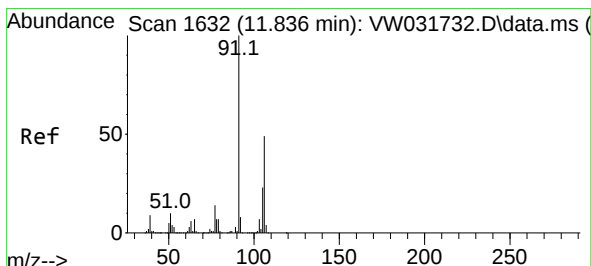
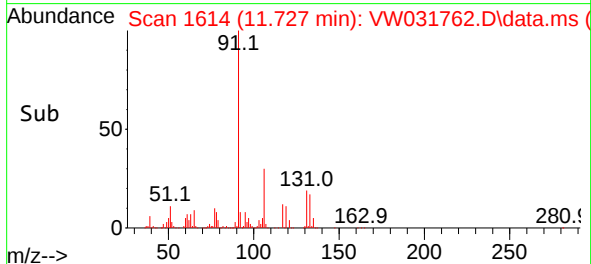
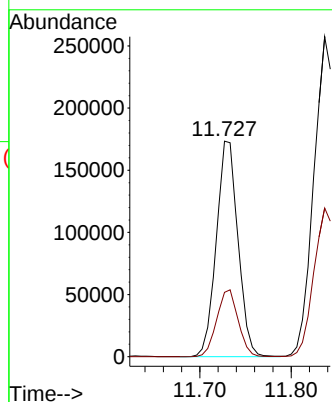
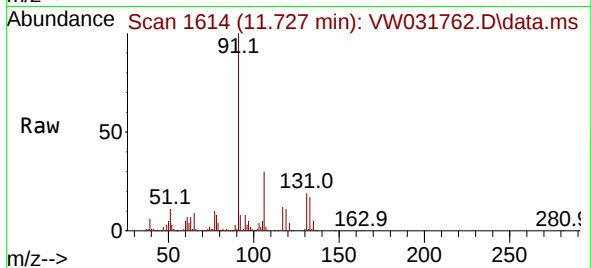
VW0703SBSD01

Tgt Ion: 91 Resp: 285978

Ion Ratio Lower Upper

91 100

106 29.8 25.4 38.2



#68

m/p-Xylenes

Concen: 40.631 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031762.D

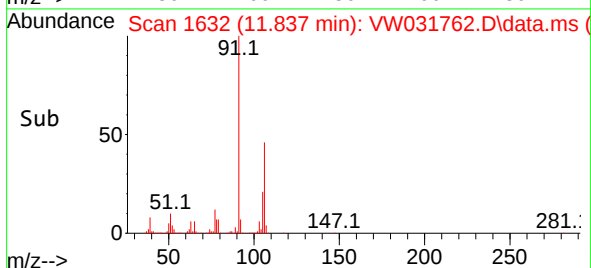
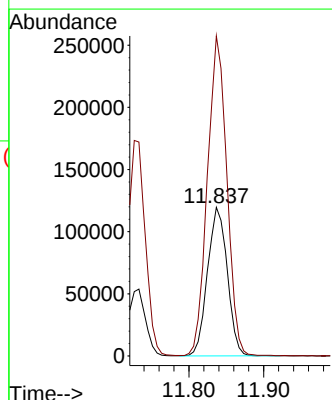
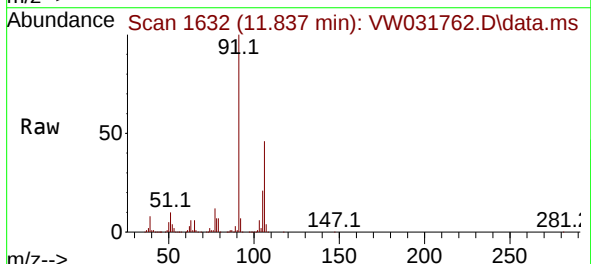
Acq: 03 Jul 2025 12:01

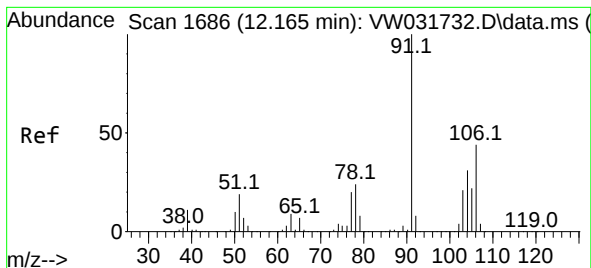
Tgt Ion:106 Resp: 219287

Ion Ratio Lower Upper

106 100

91 213.0 166.4 249.6

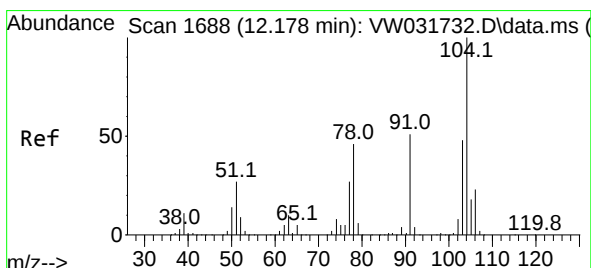
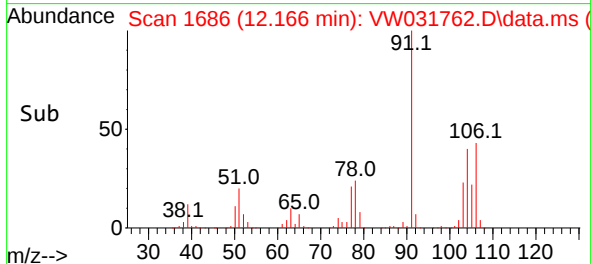
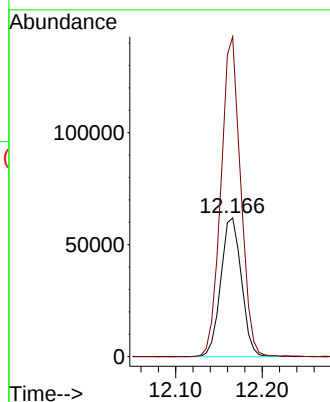
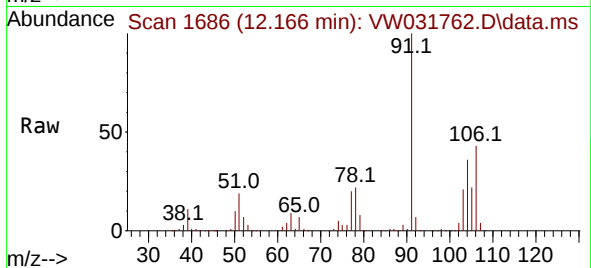




#69
o-Xylene
Concen: 20.511 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

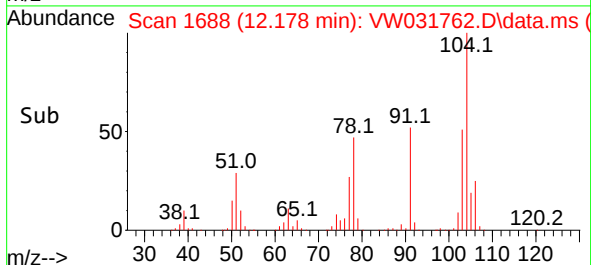
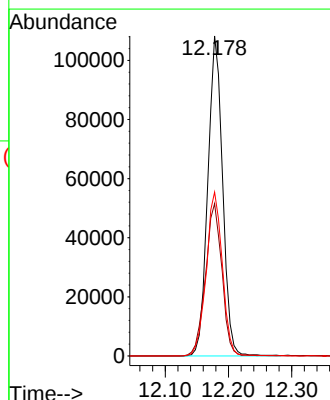
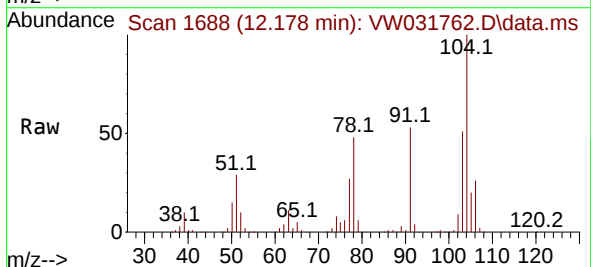
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

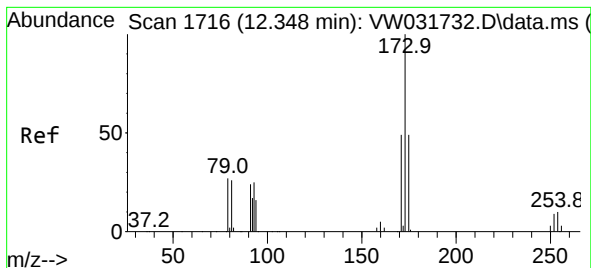
Tgt Ion:106 Resp: 102496
Ion Ratio Lower Upper
106 100
91 221.2 111.5 334.4



#70
Styrene
Concen: 20.421 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:104 Resp: 176415
Ion Ratio Lower Upper
104 100
78 52.8 42.1 63.1
103 55.7 43.0 64.6





#71

Bromoform

Concen: 19.651 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

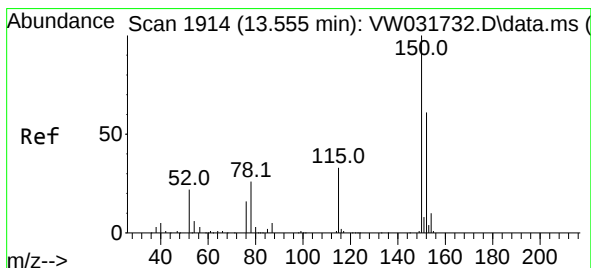
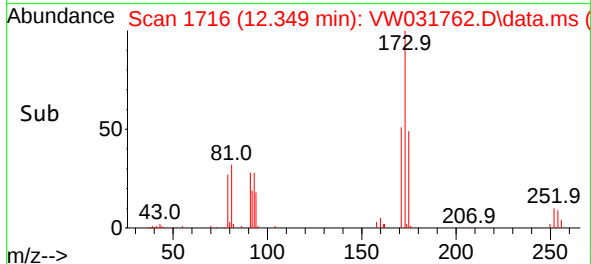
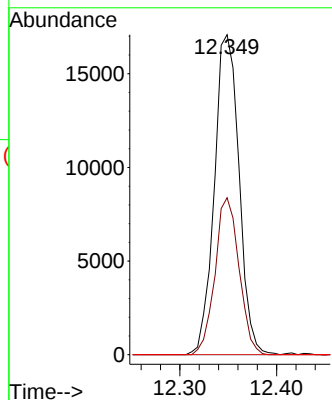
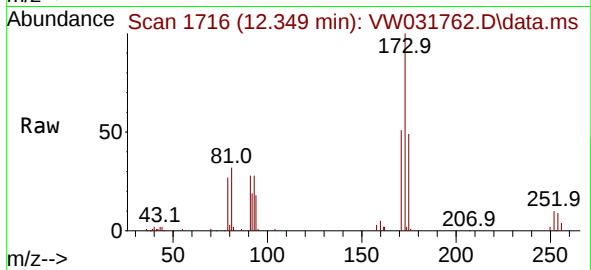
Tgt Ion:173 Resp: 30246

Ion Ratio Lower Upper

173 100

175 47.7 24.0 72.0

254 0.0 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: VW031762.D

Acq: 03 Jul 2025 12:01

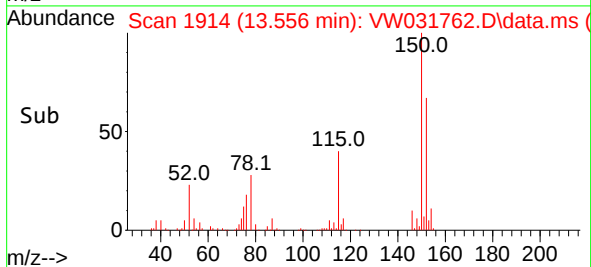
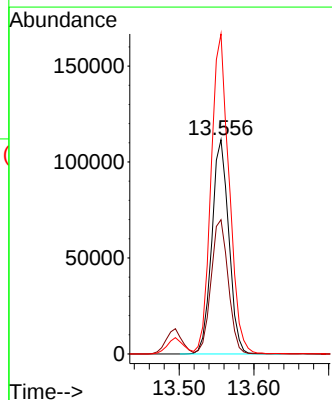
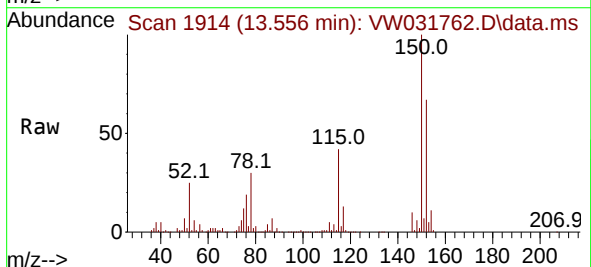
Tgt Ion:152 Resp: 176002

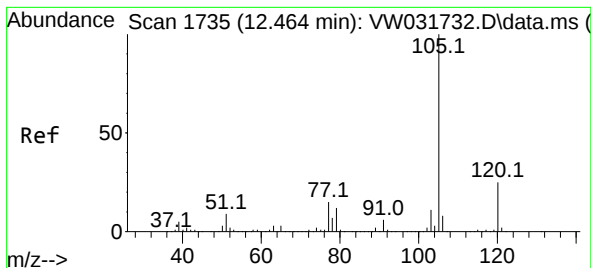
Ion Ratio Lower Upper

152 100

115 63.1 31.9 95.7

150 158.1 0.0 356.4





#73

Isopropylbenzene

Concen: 20.217 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

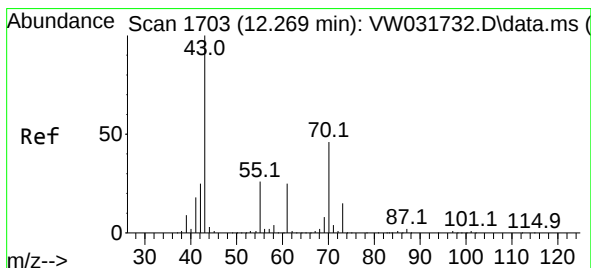
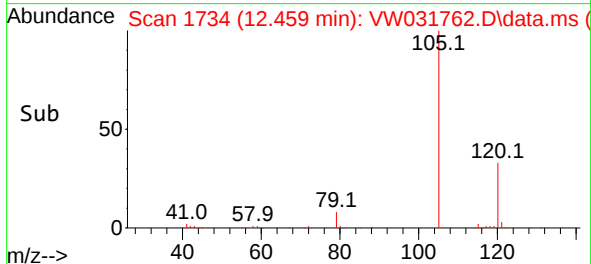
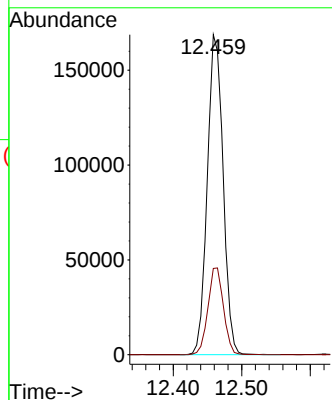
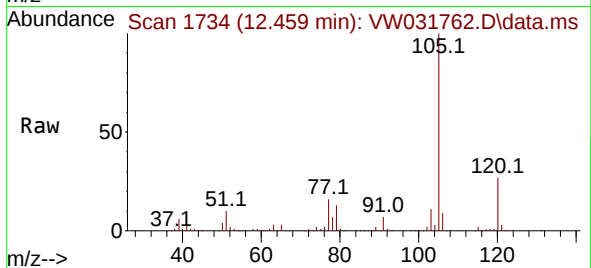
VW0703SBSD01

Tgt Ion:105 Resp: 270664

Ion Ratio Lower Upper

105 100

120 26.7 12.8 38.4



#74

N-ethyl acetate

Concen: 21.207 ug/l

RT: 12.270 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Tgt Ion: 43 Resp: 76522

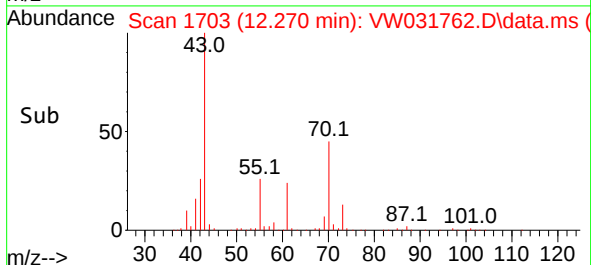
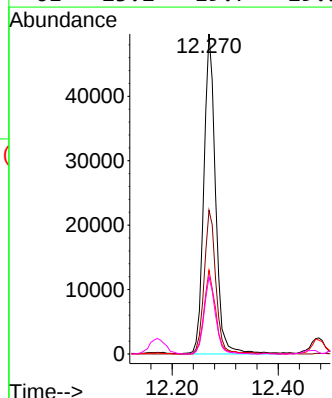
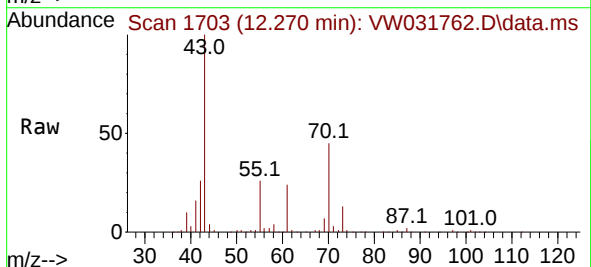
Ion Ratio Lower Upper

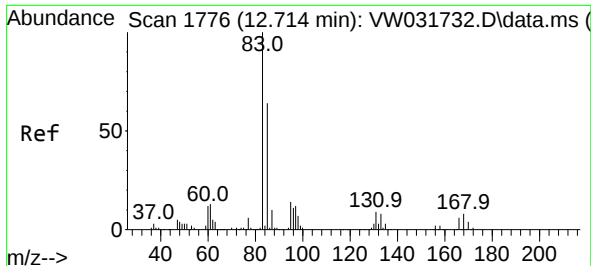
43 100

70 44.8 36.0 54.0

55 25.9 20.8 31.2

61 23.2 19.7 29.5

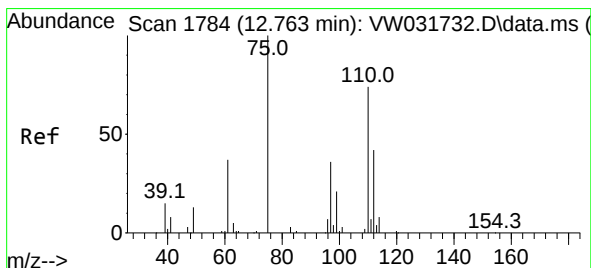
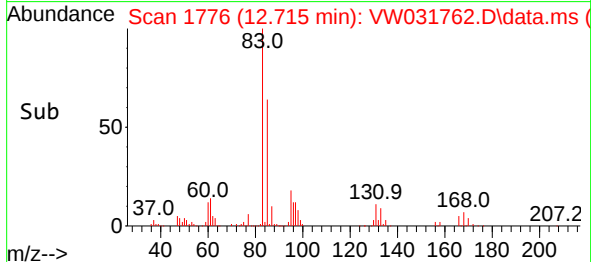
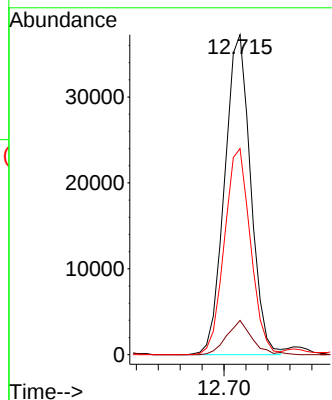
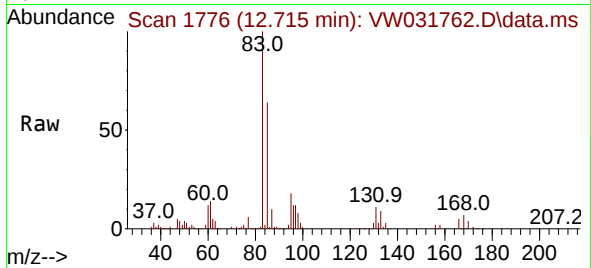




#75
1,1,2,2-Tetrachloroethane
Concen: 20.623 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

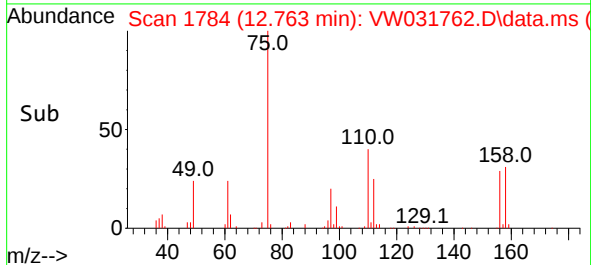
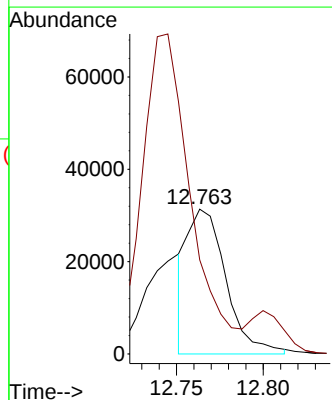
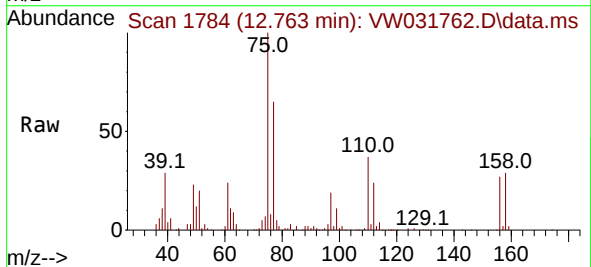
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

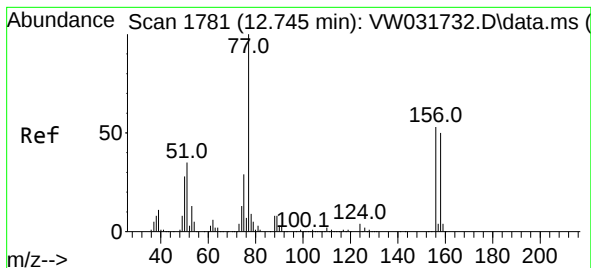
Tgt Ion: 83 Resp: 61295
Ion Ratio Lower Upper
83 100
131 10.4 5.3 16.1
85 64.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 21.301 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 75 Resp: 48447
Ion Ratio Lower Upper
75 100
77 277.6 141.2 423.6





#77

Bromobenzene

Concen: 20.206 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

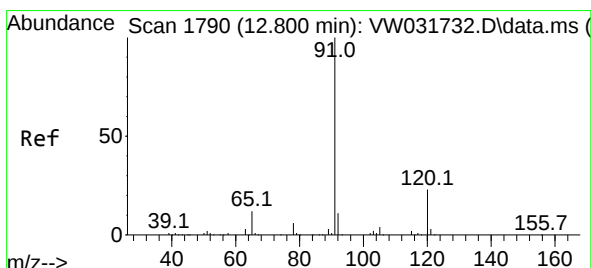
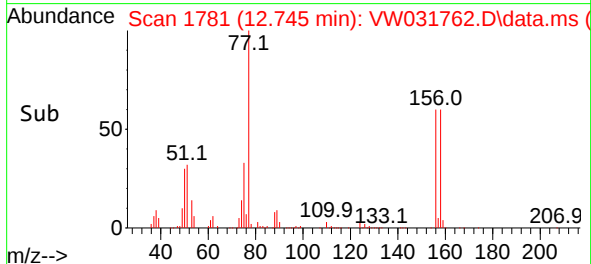
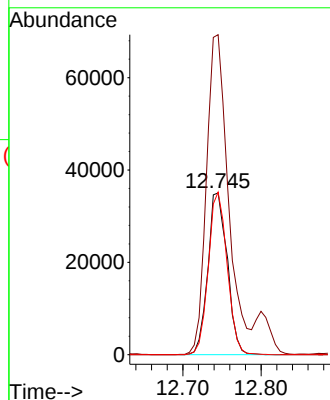
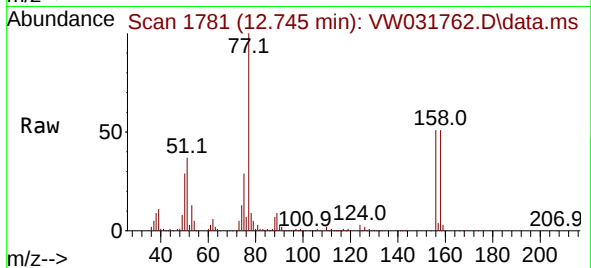
Tgt Ion:156 Resp: 60334

Ion Ratio Lower Upper

156 100

77 222.9 117.9 353.7

158 97.4 52.6 157.8



#78

n-propylbenzene

Concen: 21.011 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031762.D

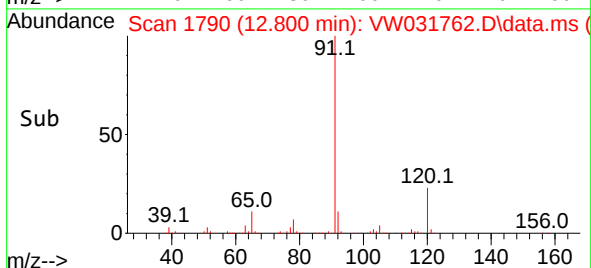
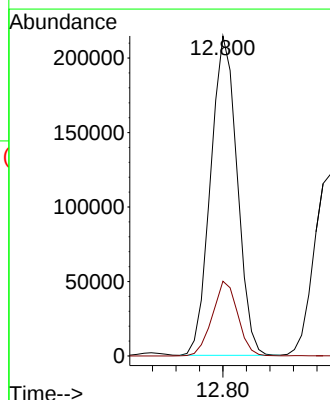
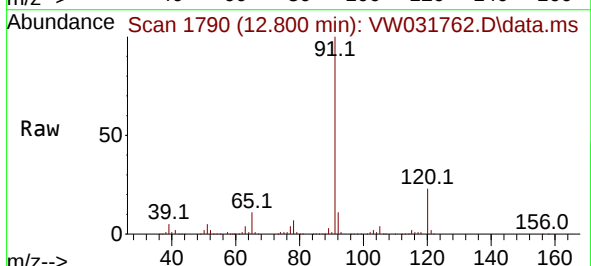
Acq: 03 Jul 2025 12:01

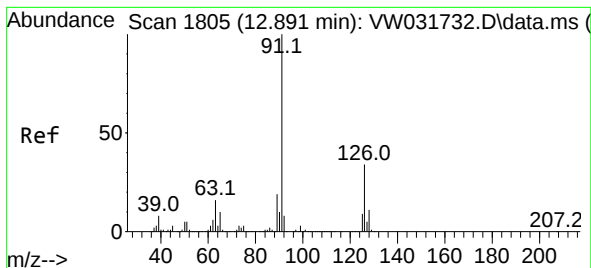
Tgt Ion: 91 Resp: 336843

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

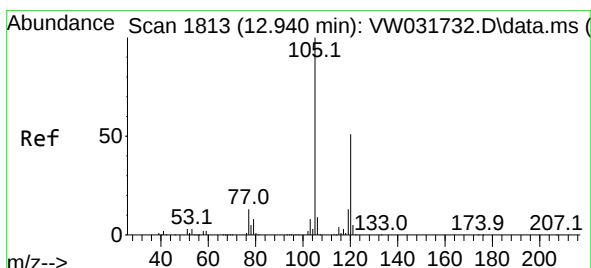
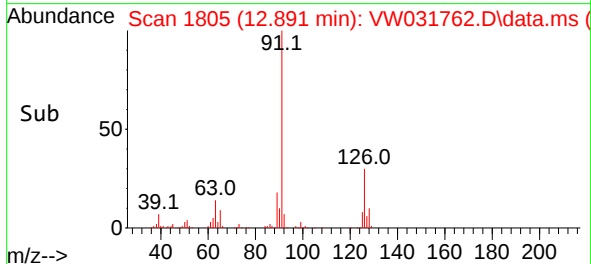
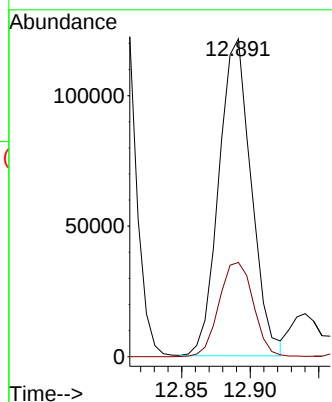
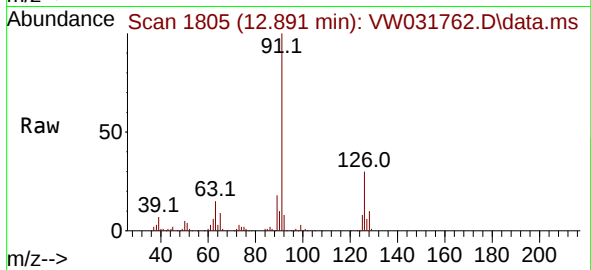




#79
2-Chlorotoluene
Concen: 20.741 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

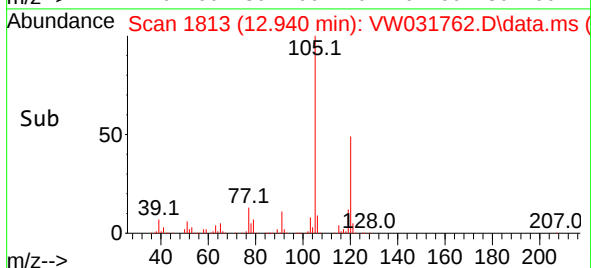
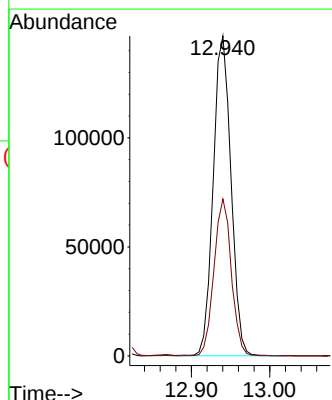
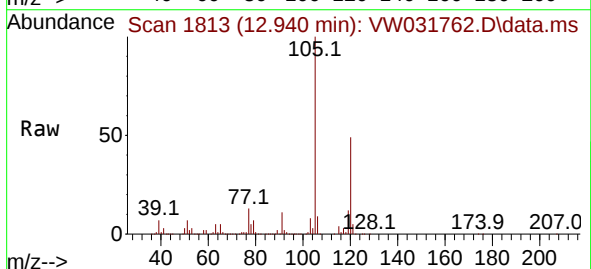
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

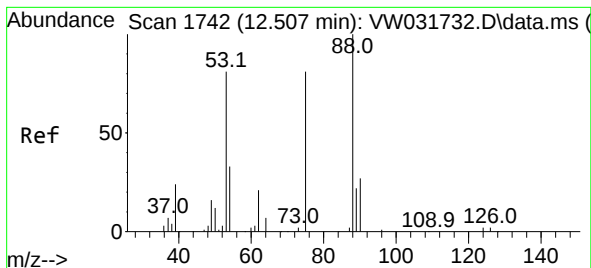
Tgt Ion: 91 Resp: 200230
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 20.839 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 105 Resp: 230930
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2

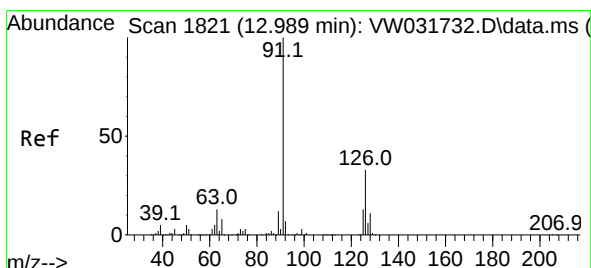
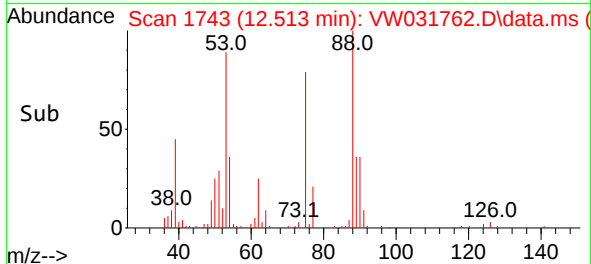
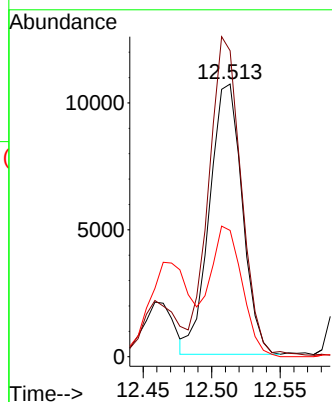
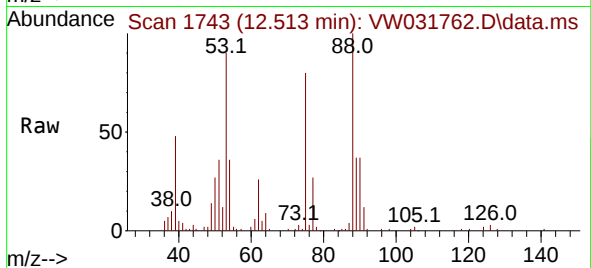




#81
trans-1,4-Dichloro-2-butene
Concen: 18.125 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

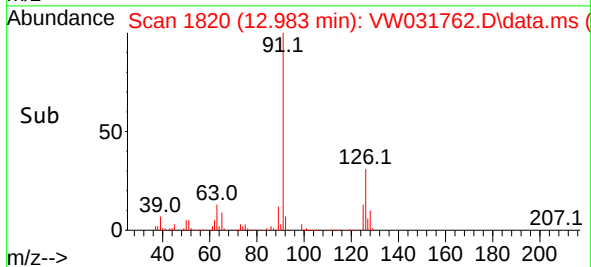
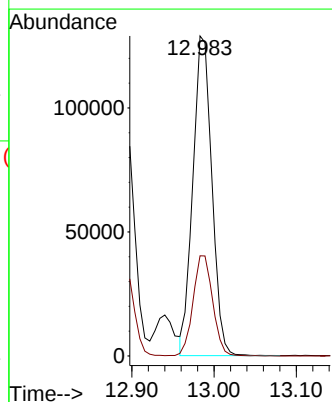
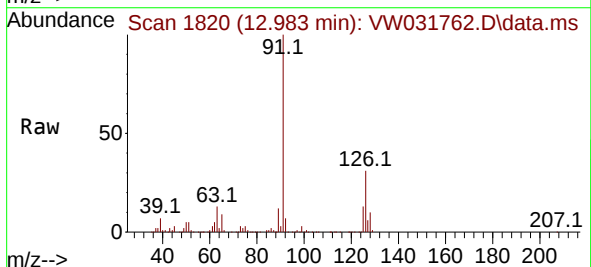
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

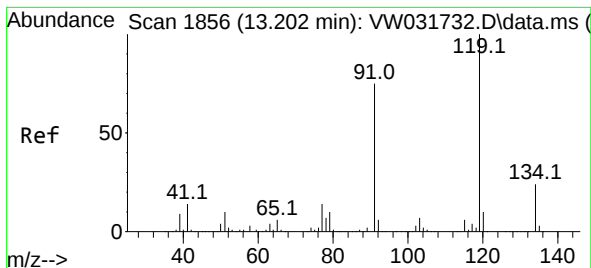
Tgt Ion: 75 Resp: 17699
Ion Ratio Lower Upper
75 100
53 117.5 83.5 125.3
89 47.5 38.3 57.5



#82
4-Chlorotoluene
Concen: 20.382 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 91 Resp: 206578
Ion Ratio Lower Upper
91 100
126 32.5 16.0 47.9





#83

tert-Butylbenzene

Concen: 20.874 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBS01

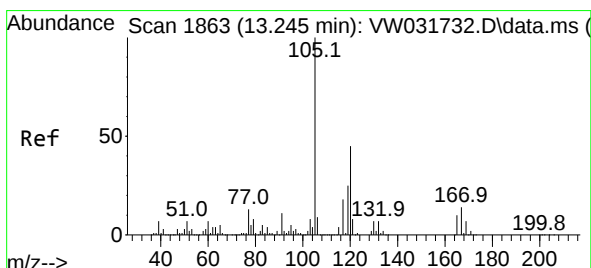
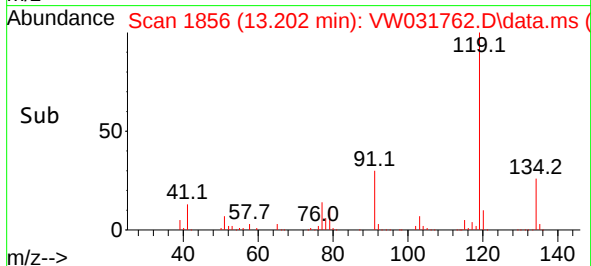
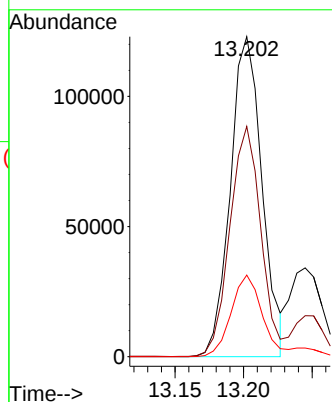
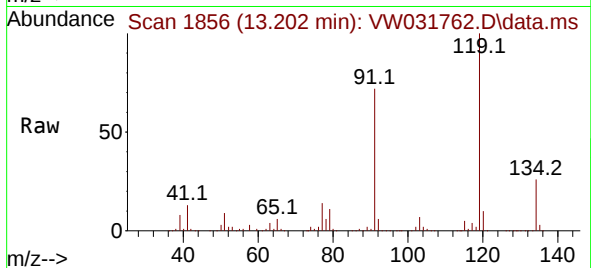
Tgt Ion:119 Resp: 198149

Ion Ratio Lower Upper

119 100

91 70.0 36.0 108.1

134 25.0 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 20.933 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031762.D

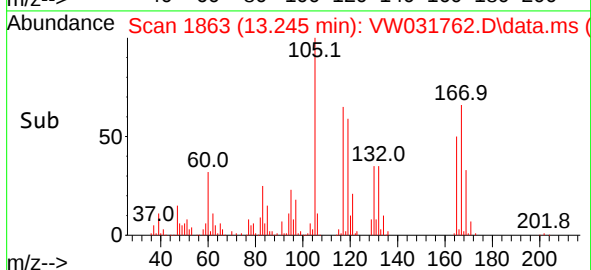
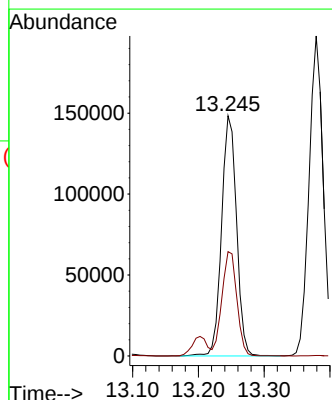
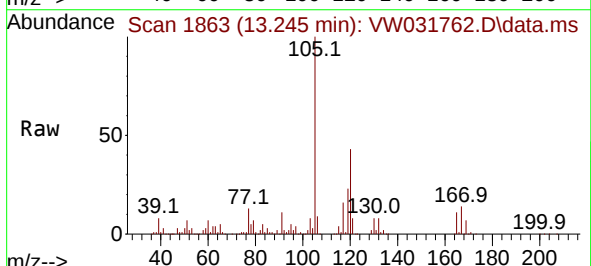
Acq: 03 Jul 2025 12:01

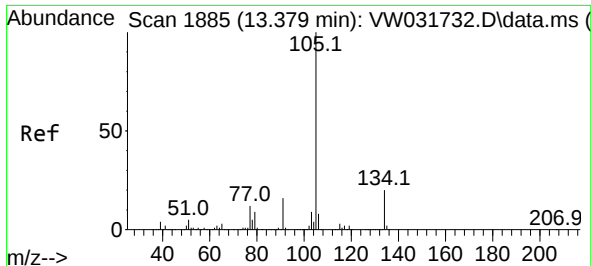
Tgt Ion:105 Resp: 235032

Ion Ratio Lower Upper

105 100

120 43.0 22.1 66.1

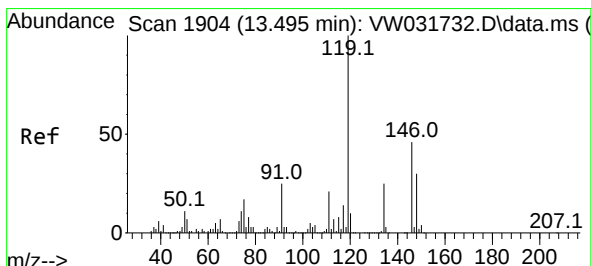
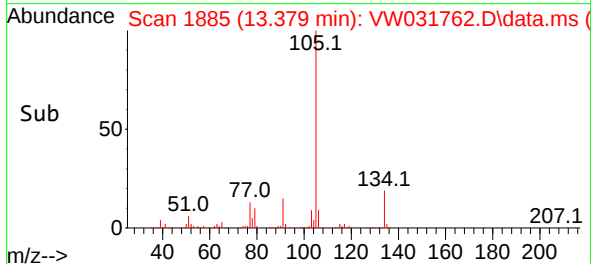
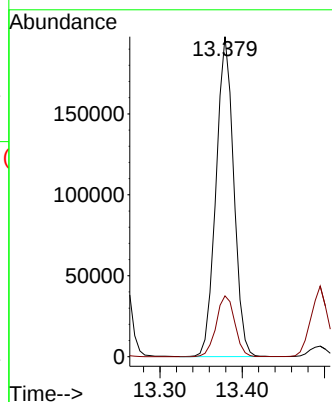
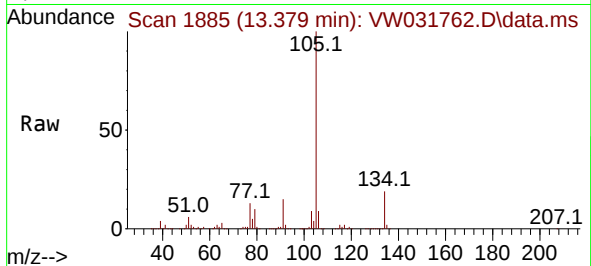




#85
 sec-Butylbenzene
 Concen: 20.747 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

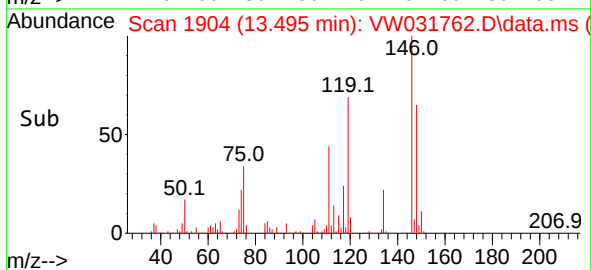
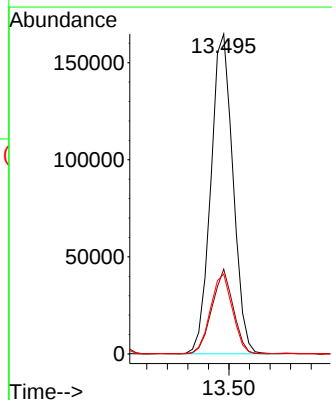
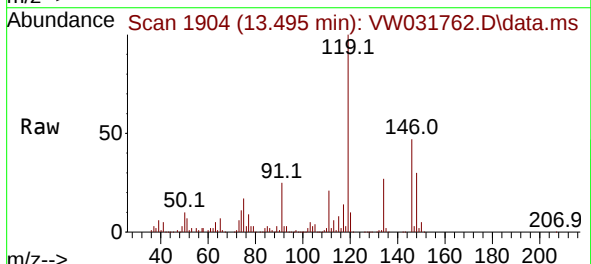
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBSD01

Tgt Ion:105 Resp: 295597
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.982 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031762.D
 Acq: 03 Jul 2025 12:01

Tgt Ion:119 Resp: 246376
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 21.150 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

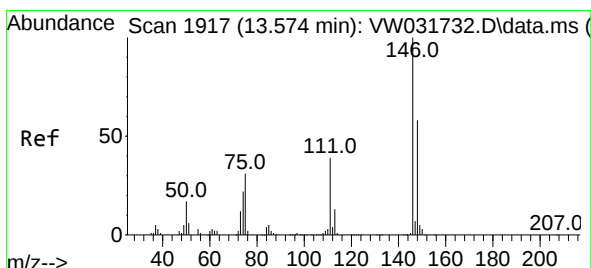
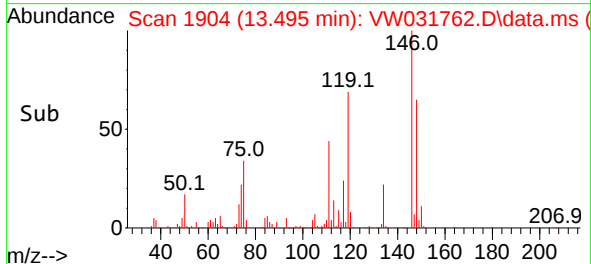
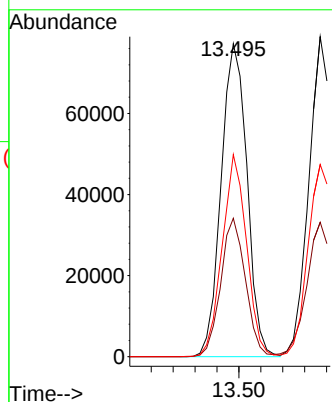
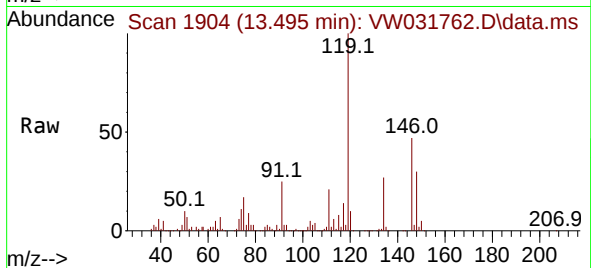
Tgt Ion:146 Resp: 126651

Ion Ratio Lower Upper

146 100

111 42.2 22.3 66.9

148 60.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.316 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

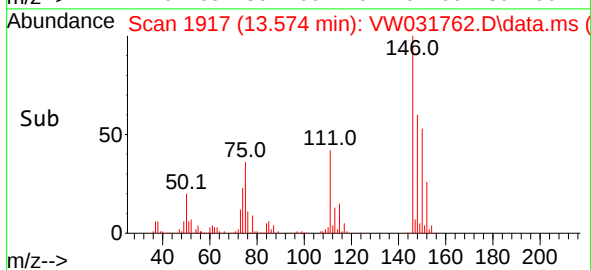
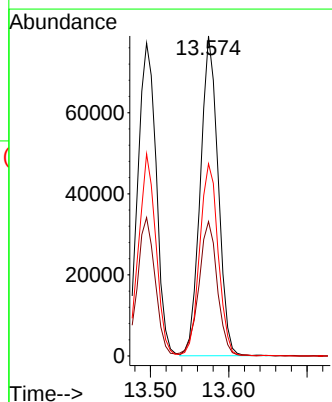
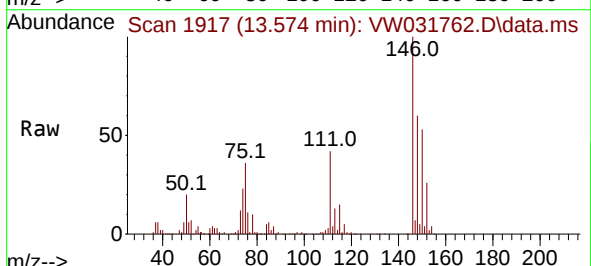
Tgt Ion:146 Resp: 124516

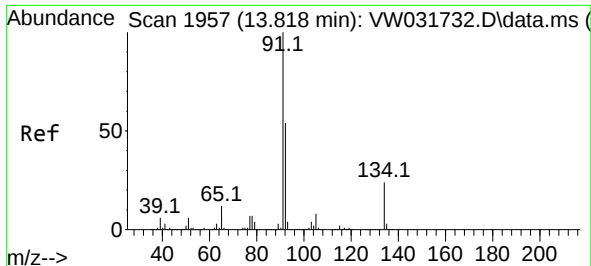
Ion Ratio Lower Upper

146 100

111 43.6 20.4 61.3

148 62.6 30.2 90.6

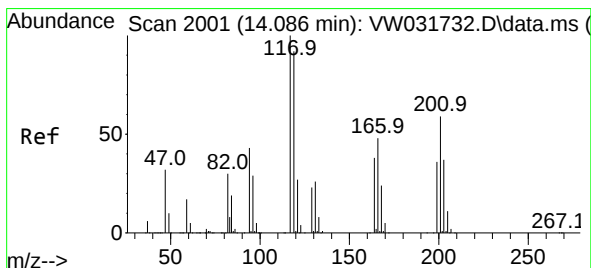
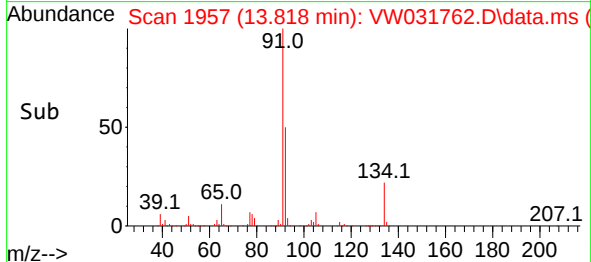
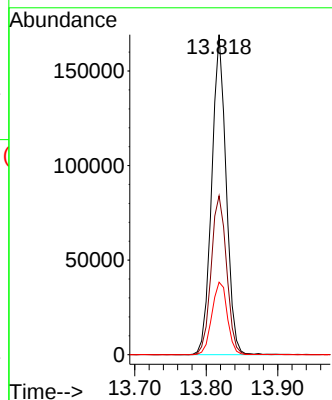
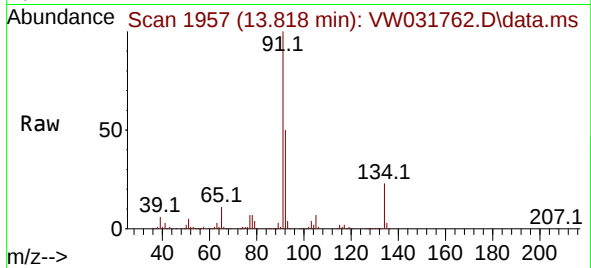




#89
n-Butylbenzene
Concen: 20.782 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

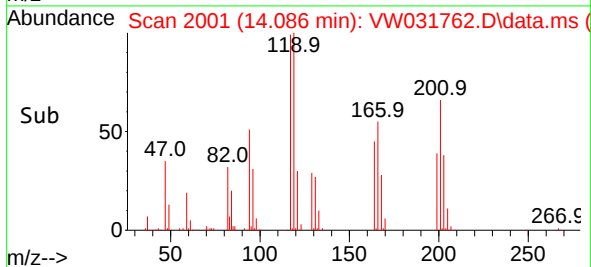
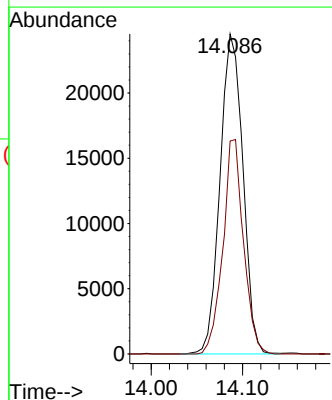
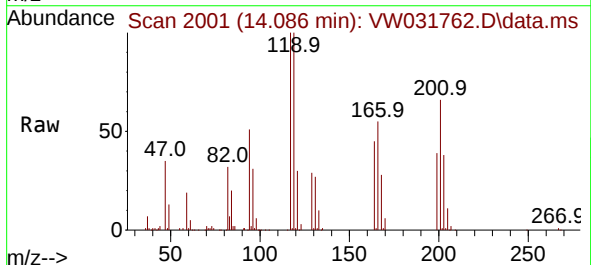
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

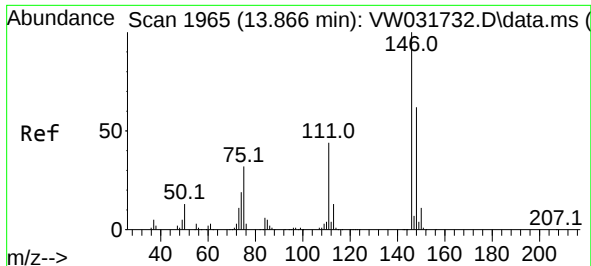
Tgt Ion: 91 Resp: 237098
Ion Ratio Lower Upper
91 100
92 53.1 27.2 81.5
134 24.2 12.2 36.6



#90
Hexachloroethane
Concen: 20.130 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion: 117 Resp: 42644
Ion Ratio Lower Upper
117 100
201 60.6 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 20.485 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

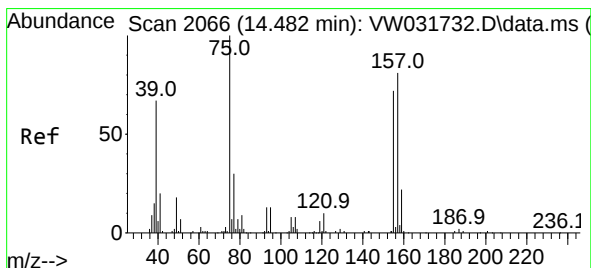
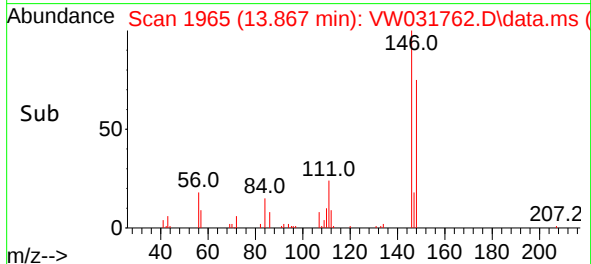
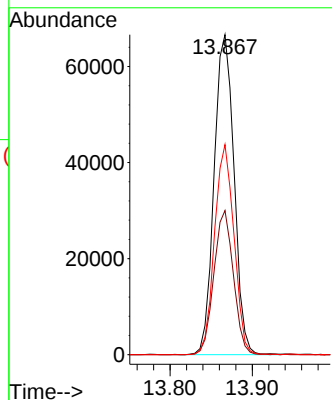
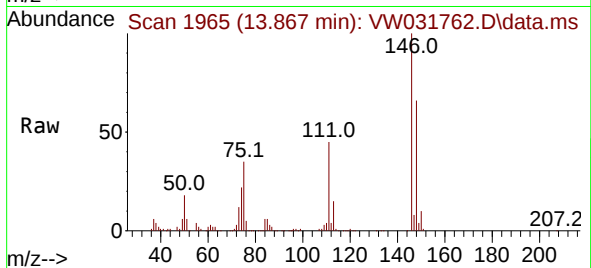
Tgt Ion:146 Resp: 112118

Ion Ratio Lower Upper

146 100

111 44.2 21.7 65.1

148 64.0 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.780 ug/l

RT: 14.483 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

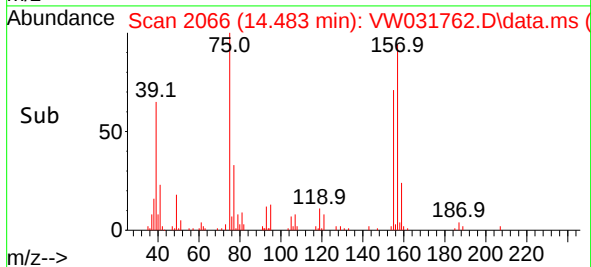
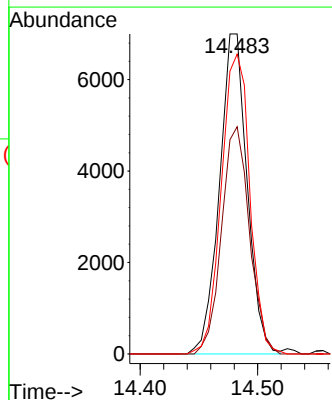
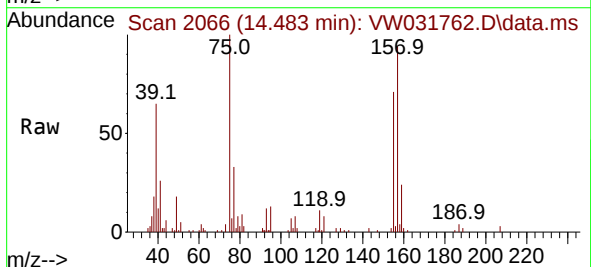
Tgt Ion: 75 Resp: 11479

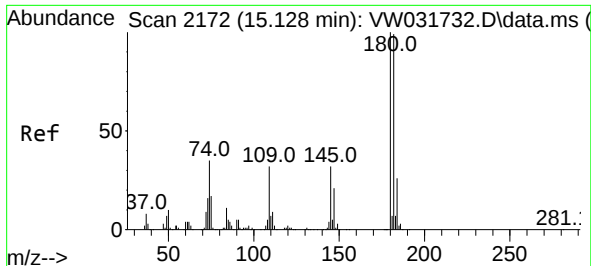
Ion Ratio Lower Upper

75 100

155 71.6 37.2 111.6

157 96.2 45.6 136.9

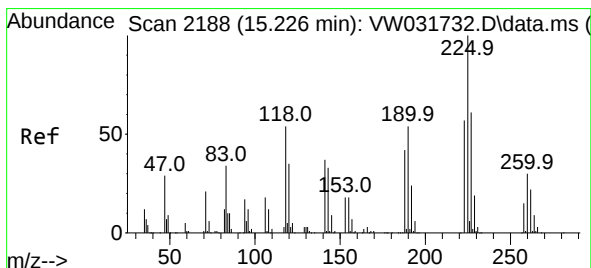
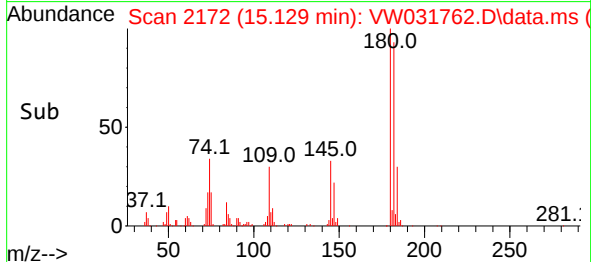
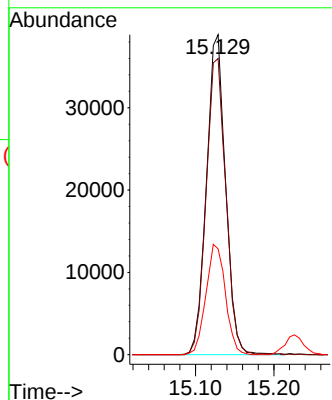
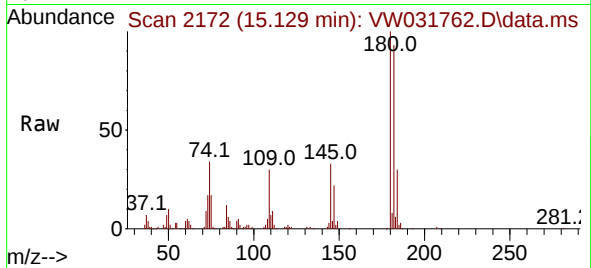




#93
1,2,4-Trichlorobenzene
Concen: 19.480 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

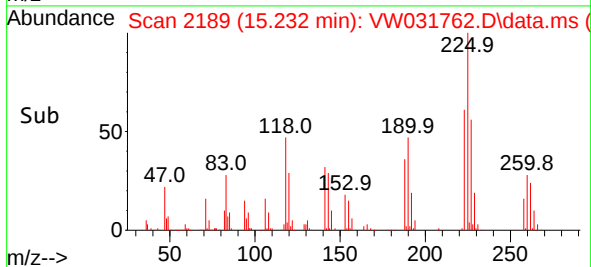
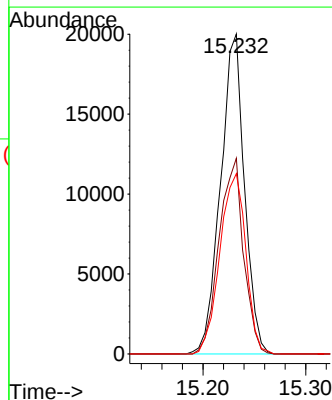
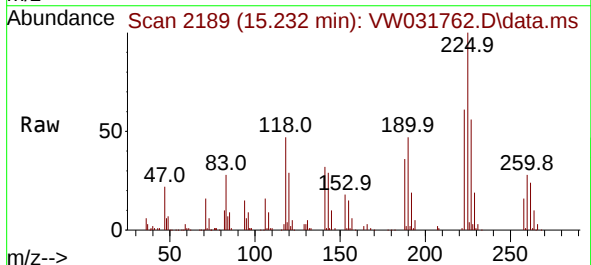
Instrument :
MSVOA_W
ClientSampleId :
VW0703SBSD01

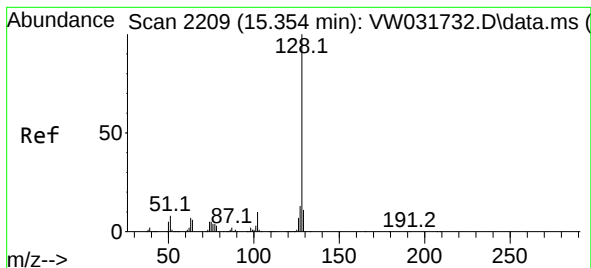
Tgt Ion:180 Resp: 65752
Ion Ratio Lower Upper
180 100
182 95.4 48.6 145.9
145 35.2 17.3 51.7



#94
Hexachlorobutadiene
Concen: 19.843 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW031762.D
Acq: 03 Jul 2025 12:01

Tgt Ion:225 Resp: 32342
Ion Ratio Lower Upper
225 100
223 62.6 32.6 97.8
227 61.2 37.3 111.8





#95

Naphthalene

Concen: 19.886 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0703SBSD01

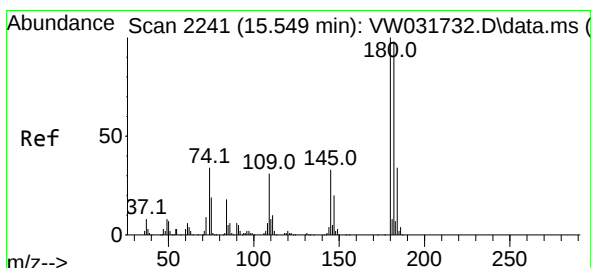
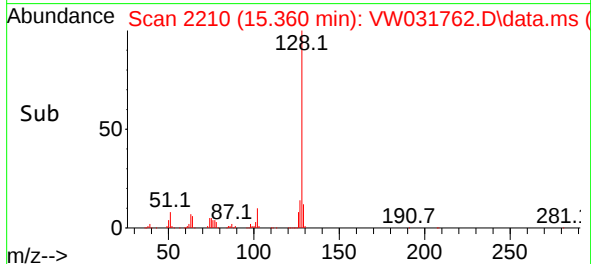
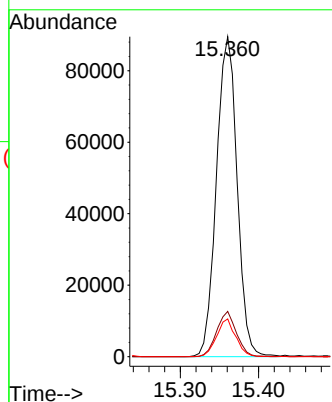
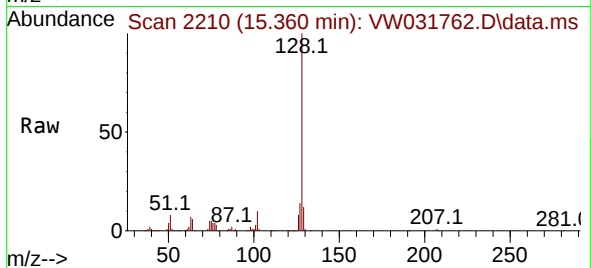
Tgt Ion:128 Resp: 164561

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.034 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031762.D

Acq: 03 Jul 2025 12:01

Tgt Ion:180 Resp: 65235

Ion Ratio Lower Upper

180 100

182 85.3 46.4 139.1

145 35.1 17.8 53.3

