

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
 Data File : VW031881.D
 Acq On : 17 Jul 2025 11:29
 Operator : SY/MD
 Sample : VW0717SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 18 02:49:23 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	7.965	168	222559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	420008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	373840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	182845	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157362	49.268	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.540%
35) Dibromofluoromethane	7.898	113	122573	44.723	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	89.440%
50) Toluene-d8	10.324	98	466527	45.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.617	95	179807	47.905	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.820%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.045	85	32968	21.751	ug/l	96
3) Chloromethane	2.259	50	40755	22.303	ug/l	97
4) Vinyl Chloride	2.405	62	53093	22.105	ug/l	94
5) Bromomethane	2.826	94	38732	20.646	ug/l	96
6) Chloroethane	2.972	64	33272	20.394	ug/l	98
7) Trichlorofluoromethane	3.301	101	43977	20.161	ug/l	95
8) Diethyl Ether	3.716	74	36479	22.009	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	49753	20.550	ug/l	99
10) Methyl Iodide	4.313	142	72736	19.488	ug/l	99
11) Tert butyl alcohol	5.222	59	22319	112.793	ug/l	100
12) 1,1-Dichloroethene	4.082	96	56009	21.120	ug/l	94
13) Acrolein	3.935	56	39816	111.953	ug/l	95
14) Allyl chloride	4.703	41	84072	20.662	ug/l	95
15) Acrylonitrile	5.405	53	91898	112.748	ug/l	99
16) Acetone	4.161	43	70258	88.996	ug/l	95
17) Carbon Disulfide	4.423	76	140184	19.754	ug/l	97
18) Methyl Acetate	4.710	43	39039	17.303	ug/l	98
19) Methyl tert-butyl Ether	5.459	73	102287	22.725	ug/l	96
20) Methylene Chloride	4.953	84	68676	18.777	ug/l	96
21) trans-1,2-Dichloroethene	5.453	96	60067	21.317	ug/l	97
22) Diisopropyl ether	6.337	45	181411	22.861	ug/l	96
23) Vinyl Acetate	6.282	43	660423	121.842	ug/l	99
24) 1,1-Dichloroethane	6.246	63	110121	21.404	ug/l	98
25) 2-Butanone	7.191	43	120646	117.468	ug/l	97
26) 2,2-Dichloropropane	7.185	77	53142	17.704	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	70760	21.846	ug/l	99
28) Bromochloromethane	7.532	49	49189	21.666	ug/l	99
29) Tetrahydrofuran	7.550	42	82858	117.804	ug/l	99
30) Chloroform	7.691	83	117581	21.508	ug/l	95
31) Cyclohexane	7.965	56	99519	21.883	ug/l	92
32) 1,1,1-Trichloroethane	7.886	97	85400	20.271	ug/l	99
36) 1,1-Dichloropropene	8.093	75	82047	20.688	ug/l	99
37) Ethyl Acetate	7.270	43	57019	22.791	ug/l	99
38) Carbon Tetrachloride	8.081	117	80047	19.807	ug/l	96
39) Methylcyclohexane	9.343	83	105893	21.460	ug/l	98
40) Benzene	8.337	78	250061	21.311	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	29291	21.855	ug/l	95
42) 1,2-Dichloroethane	8.410	62	85955	21.680	ug/l	99
43) Isopropyl Acetate	8.434	43	97861	22.692	ug/l	99
44) Trichloroethene	9.099	130	58062	19.826	ug/l	95
45) 1,2-Dichloropropane	9.373	63	60967	21.498	ug/l	96
46) Dibromomethane	9.465	93	39017	21.311	ug/l	98
47) Bromodichloromethane	9.648	83	90870	21.165	ug/l	98
48) Methyl methacrylate	9.446	41	45209	21.320	ug/l	97
49) 1,4-Dioxane	9.465	88	10700	498.992	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	279293	112.647	ug/l	99
52) Toluene	10.391	92	159668	21.253	ug/l	97
53) t-1,3-Dichloropropene	10.611	75	85781	21.295	ug/l	98
54) cis-1,3-Dichloropropene	10.074	75	96489	21.129	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	52073	21.713	ug/l	93
56) Ethyl methacrylate	10.647	69	77726	23.889	ug/l	97
57) 1,3-Dichloropropane	10.934	76	92493	21.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	189810	105.943	ug/l	96
59) 2-Hexanone	10.971	43	197302	117.434	ug/l	100
60) Dibromochloromethane	11.129	129	59458	20.732	ug/l	97
61) 1,2-Dibromoethane	11.233	107	50619	21.083	ug/l	99
64) Tetrachloroethene	10.867	164	47259	19.326	ug/l	96
65) Chlorobenzene	11.660	112	175095	21.228	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.727	131	54528	20.745	ug/l	99
67) Ethyl Benzene	11.733	91	305558	21.364	ug/l	96
68) m/p-Xylenes	11.836	106	231317	42.072	ug/l	100
69) o-Xylene	12.166	106	111906	21.982	ug/l	97
70) Styrene	12.178	104	195000	22.157	ug/l	99
71) Bromoform	12.348	173	31181	19.886	ug/l #	99
73) Isopropylbenzene	12.464	105	284838	20.480	ug/l	99
74) N-amyl acetate	12.269	43	89878	23.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	66855	21.652	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	86077	36.429	ug/l	41
77) Bromobenzene	12.745	156	63936	20.611	ug/l	94
78) n-propylbenzene	12.800	91	348861	20.947	ug/l	97
79) 2-Chlorotoluene	12.891	91	212204	21.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	246326	21.396	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.513	75	20189	19.901	ug/l	95
82) 4-Chlorotoluene	12.989	91	222679	21.148	ug/l	97
83) tert-Butylbenzene	13.202	119	203284	20.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	242982	20.831	ug/l	99
85) sec-Butylbenzene	13.379	105	297175	20.077	ug/l	98
86) p-Isopropyltoluene	13.488	119	248936	20.407	ug/l	99
87) 1,3-Dichlorobenzene	13.501	146	125807	20.223	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	130840	20.549	ug/l	95
89) n-Butylbenzene	13.818	91	250668	21.149	ug/l	98
90) Hexachloroethane	14.086	117	42085	19.123	ug/l	93
91) 1,2-Dichlorobenzene	13.866	146	117167	20.607	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.482	75	12581	20.867	ug/l	95
93) 1,2,4-Trichlorobenzene	15.122	180	69130	19.714	ug/l	98
94) Hexachlorobutadiene	15.226	225	29216	17.254	ug/l	94
95) Naphthalene	15.360	128	195008	22.684	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	64414	19.992	ug/l	97

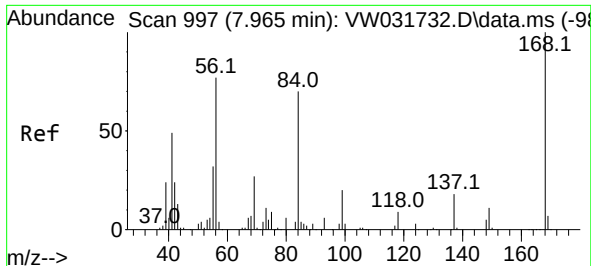
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071725\
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Response via : Initial Calibration

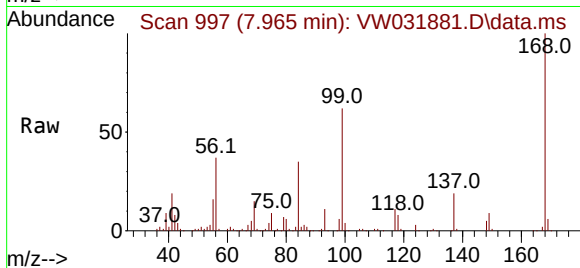
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

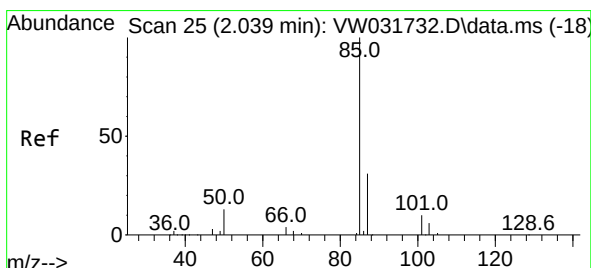
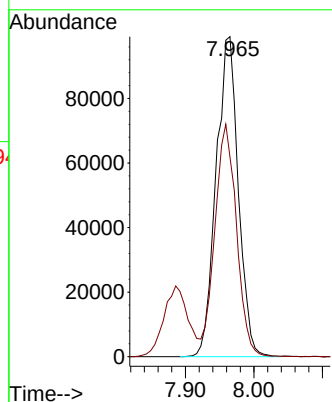
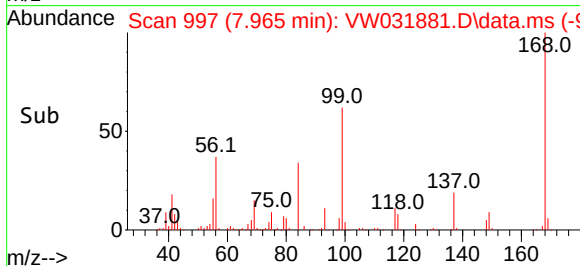


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

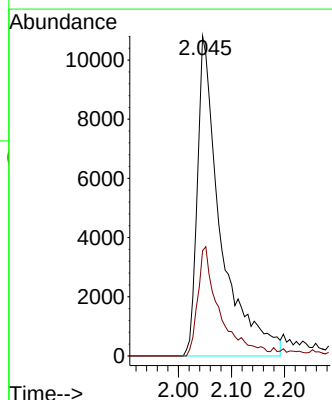
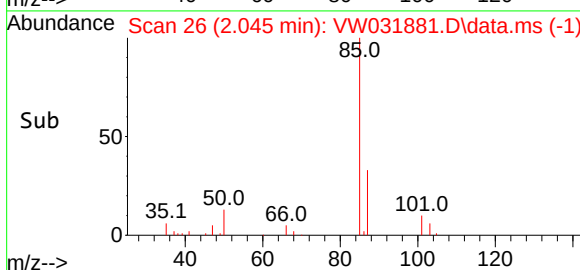
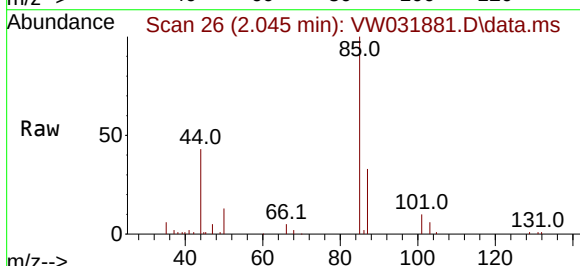


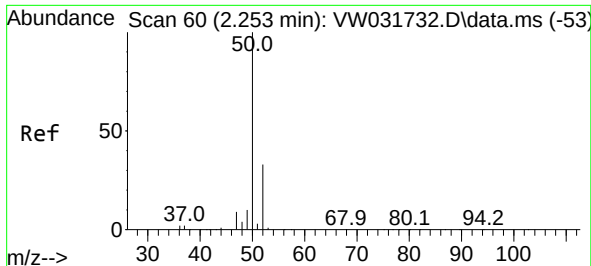
Tgt Ion:168 Resp: 222559
Ion Ratio Lower Upper
168 100
99 62.3 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 21.751 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 85 Resp: 32968
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.2

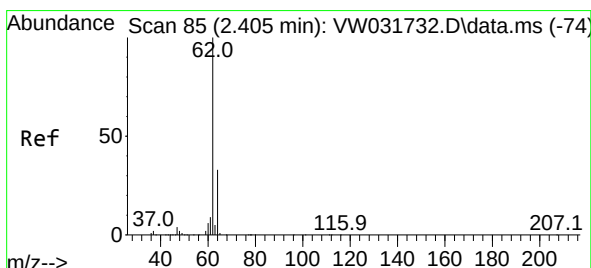
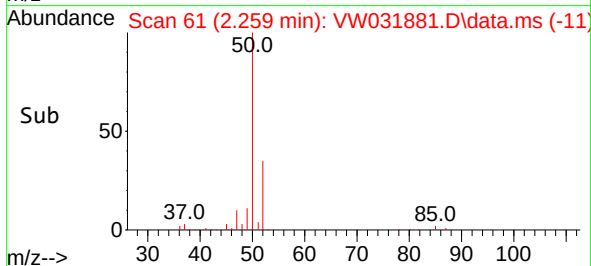
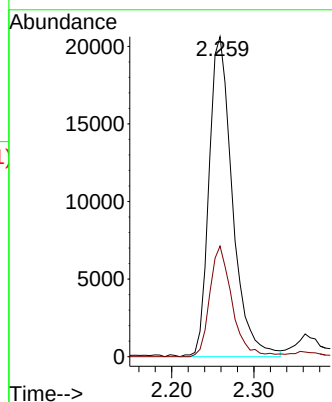
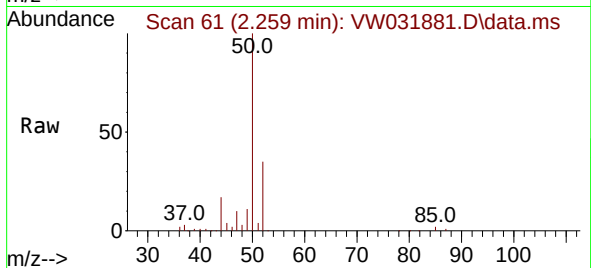




#3
Chloromethane
Concen: 22.303 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

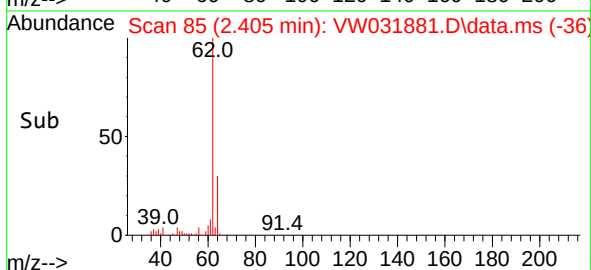
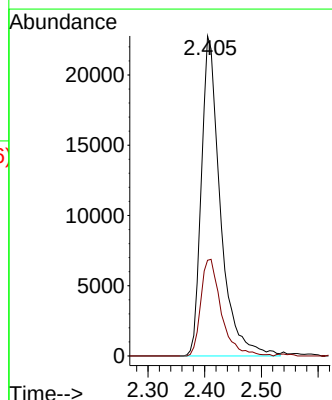
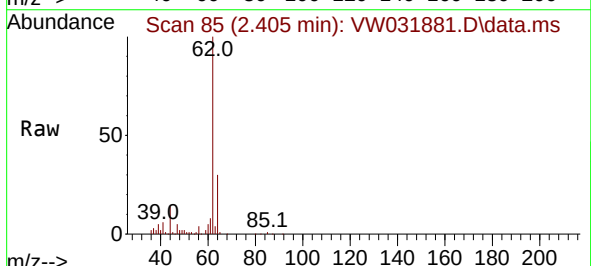
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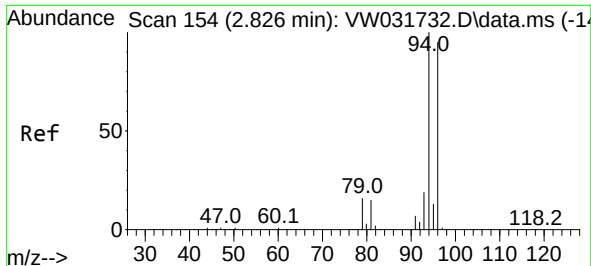
Tgt Ion: 50 Resp: 40755
Ion Ratio Lower Upper
50 100
52 34.6 26.2 39.2



#4
Vinyl Chloride
Concen: 22.105 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 62 Resp: 53093
Ion Ratio Lower Upper
62 100
64 29.9 26.8 40.2

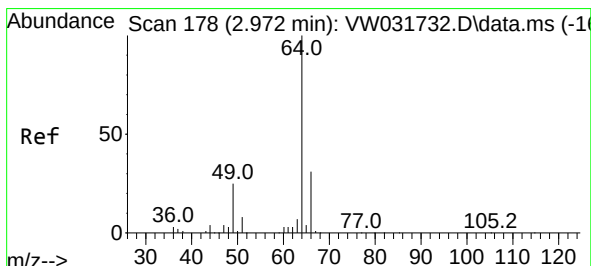
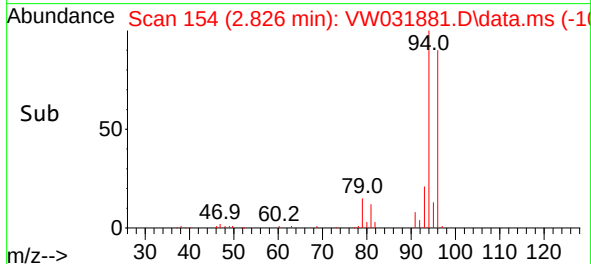
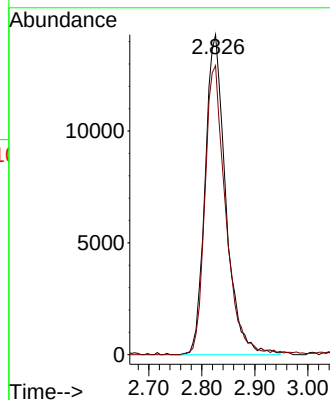
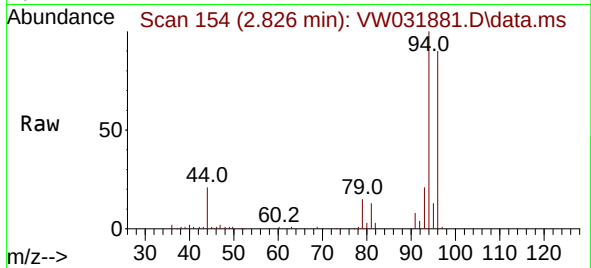




#5
Bromomethane
Concen: 20.646 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

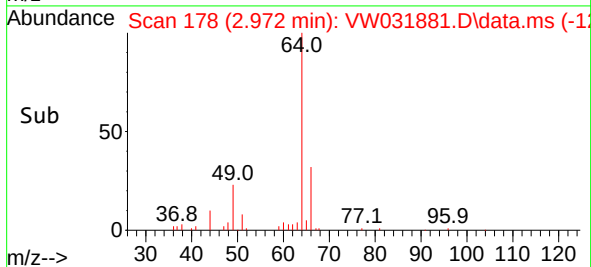
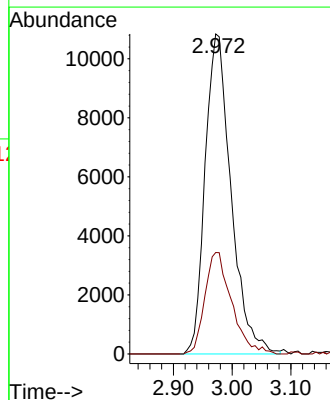
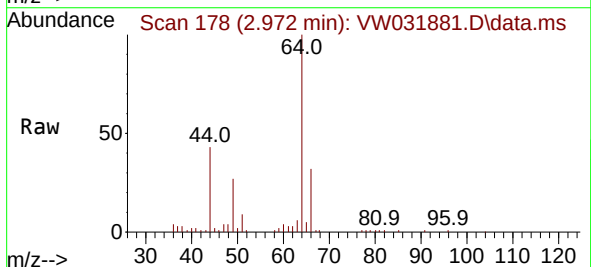
Instrument :
MSVOA_W
ClientSampleId :

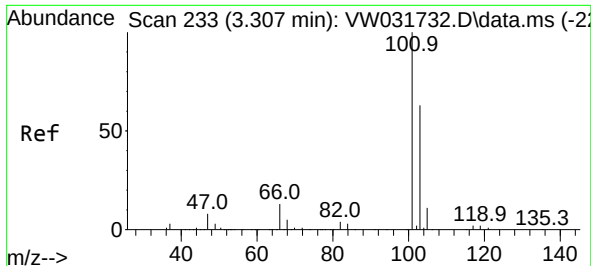
Tgt Ion: 94 Resp: 38732
Ion Ratio Lower Upper
94 100
96 90.4 75.6 113.4



#6
Chloroethane
Concen: 20.394 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 64 Resp: 33272
Ion Ratio Lower Upper
64 100
66 31.7 24.5 36.7

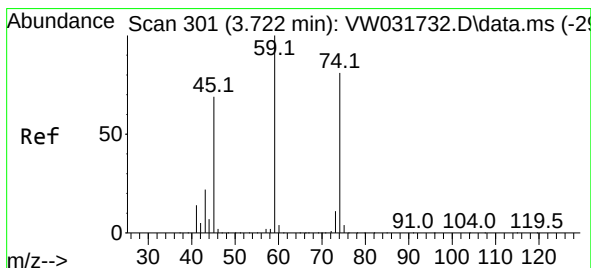
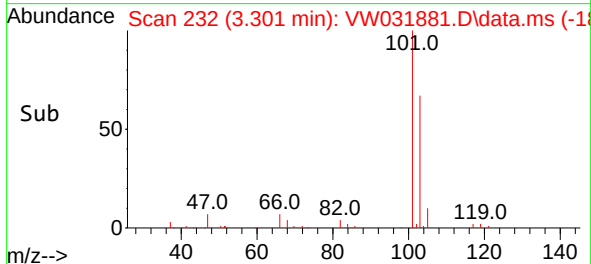
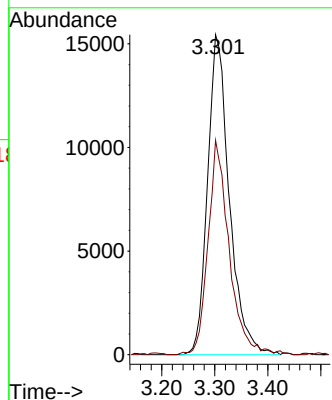
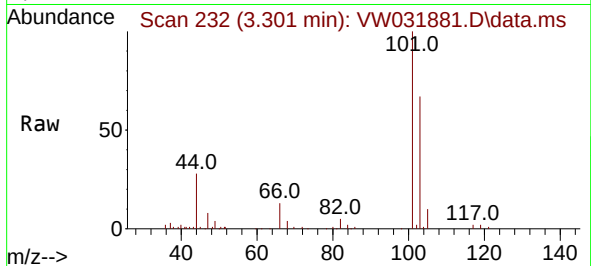




#7
 Trichlorofluoromethane
 Concen: 20.161 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031881.D
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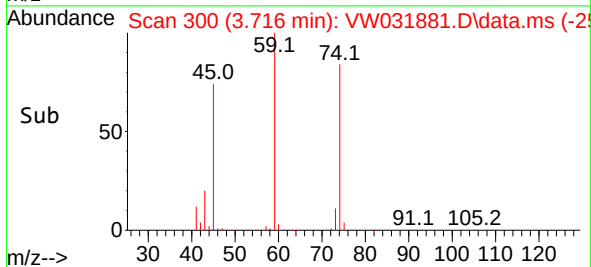
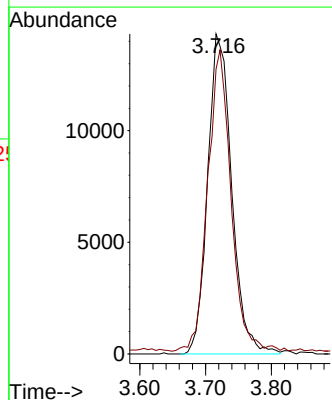
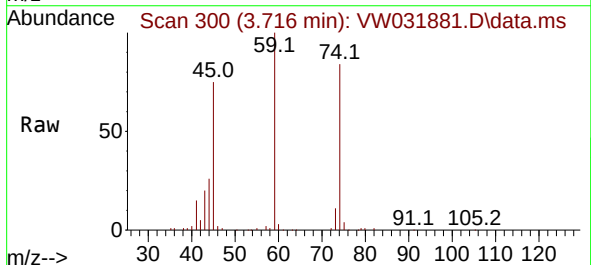
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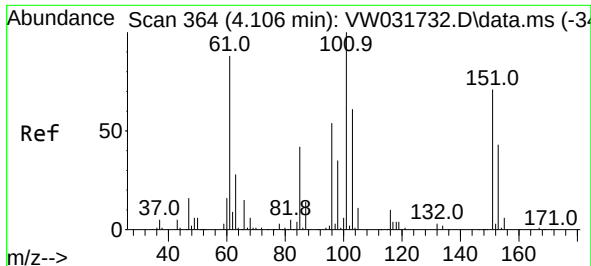
Tgt Ion:101 Resp: 43977
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.2 75.4



#8
 Diethyl Ether
 Concen: 22.009 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.006 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Tgt Ion: 74 Resp: 36479
 Ion Ratio Lower Upper
 74 100
 45 91.3 43.9 131.7

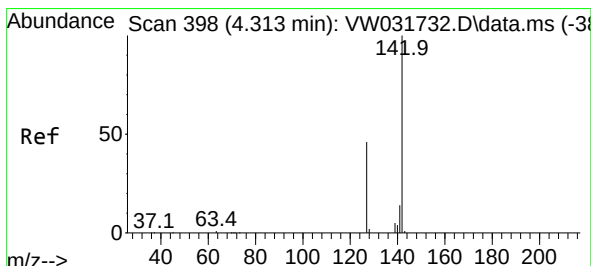
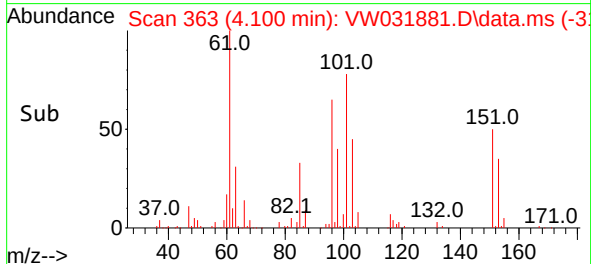
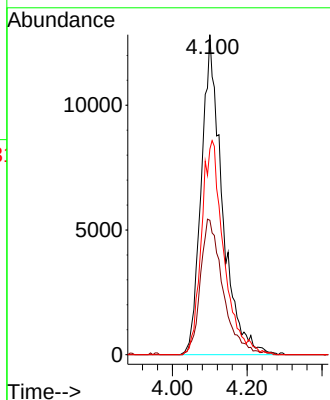
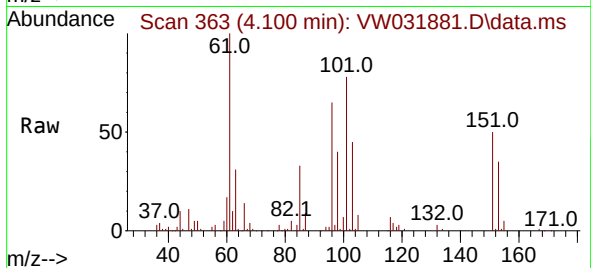




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.550 ug/l
 RT: 4.100 min Scan# 30
 Delta R.T. -0.006 min
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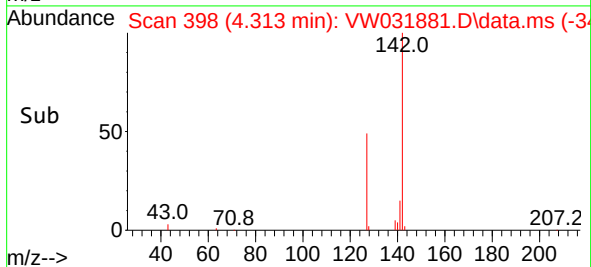
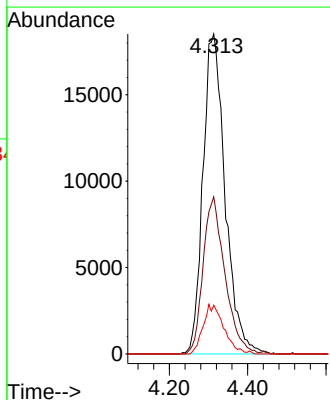
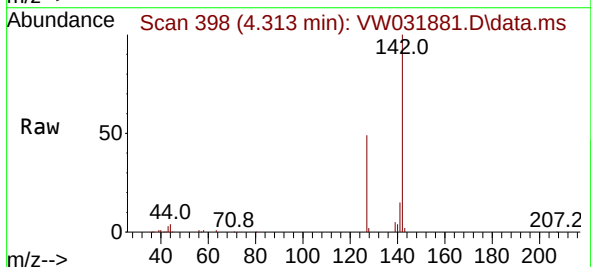
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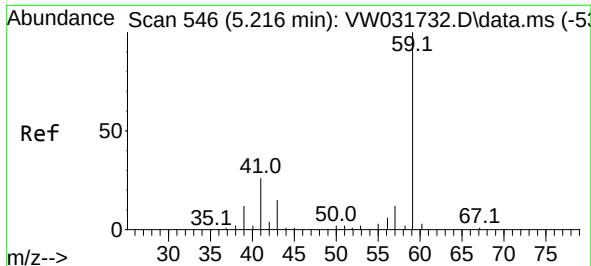
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 Ion Ratio Lower Upper
 101 100
 85 45.6 35.6 53.4
 151 71.5 56.8 85.2



#10
 Methyl Iodide
 Concen: 19.488 ug/l
 RT: 4.313 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

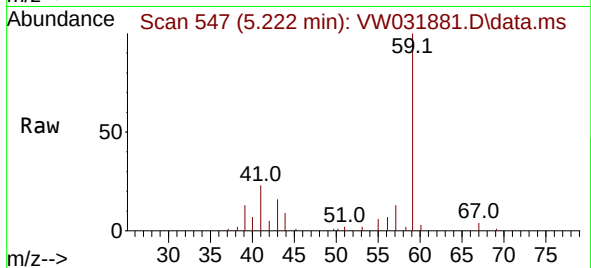
Tgt Ion:142 Resp: 72736
 Ion Ratio Lower Upper
 142 100
 127 48.2 37.9 56.9
 141 14.5 11.7 17.5



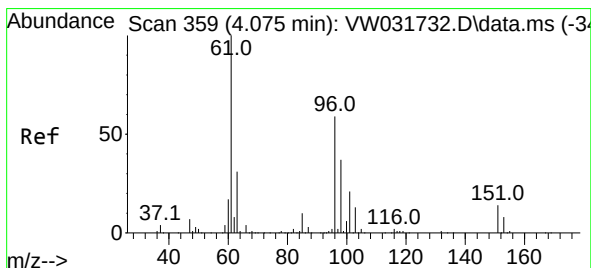
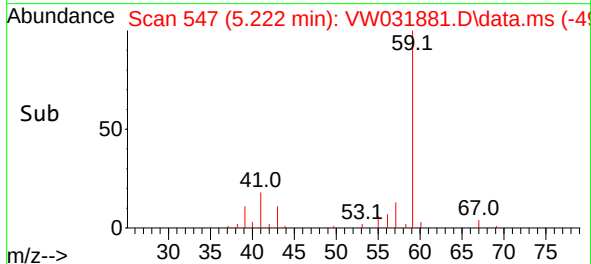
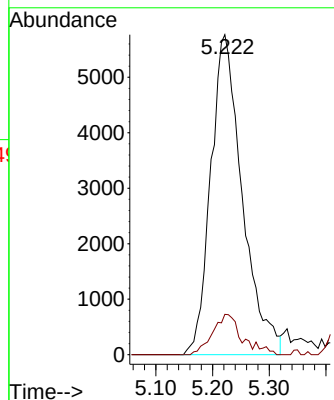


#11
Tert butyl alcohol
Concen: 112.793 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

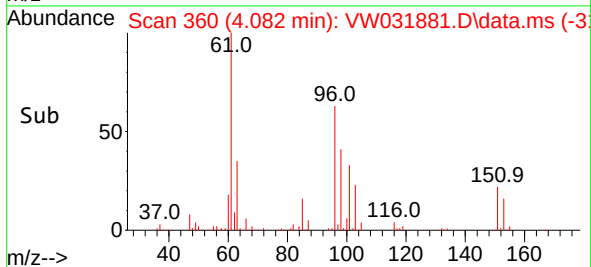
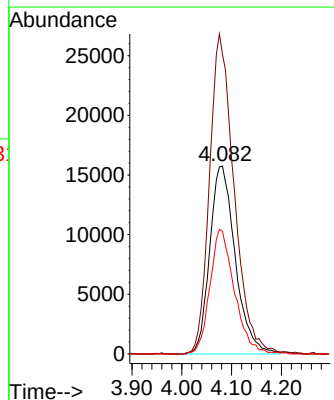
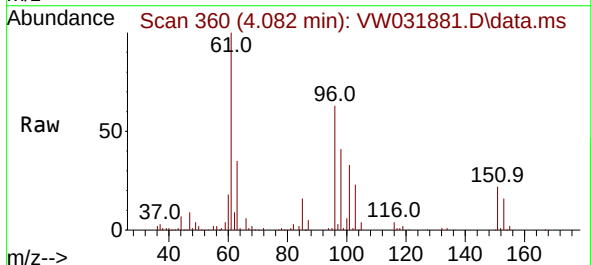


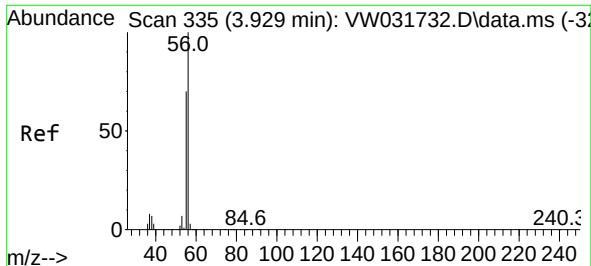
Tgt Ion: 59 Resp: 22319
Ion Ratio Lower Upper
59 100
57 11.9 9.5 14.3



#12
1,1-Dichloroethene
Concen: 21.120 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 96 Resp: 56009
Ion Ratio Lower Upper
96 100
61 159.5 135.8 203.8
98 65.3 50.4 75.6

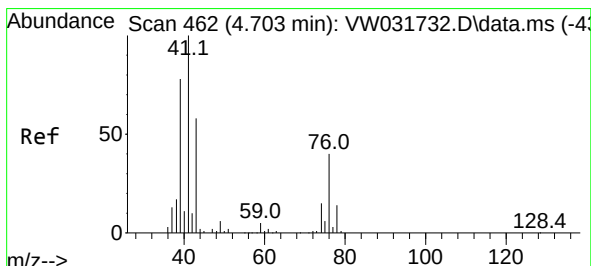
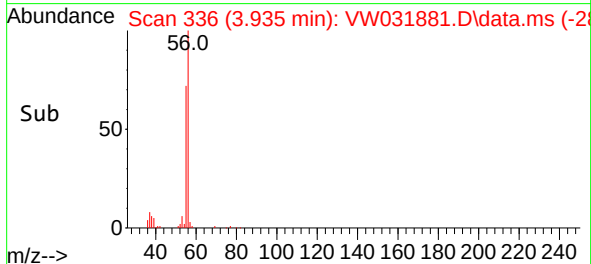
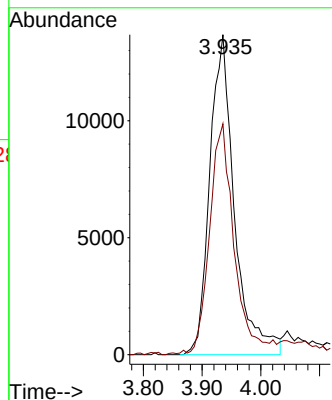
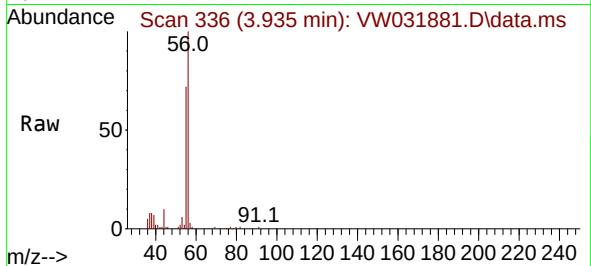




#13
Acrolein
Concen: 111.953 ug/l
RT: 3.935 min Scan# 335
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

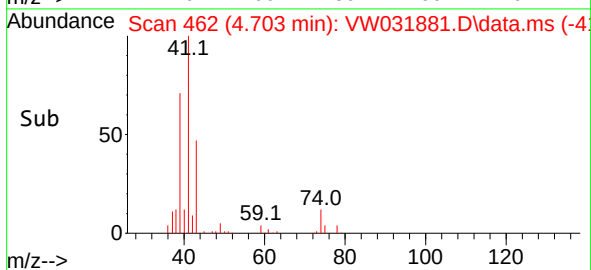
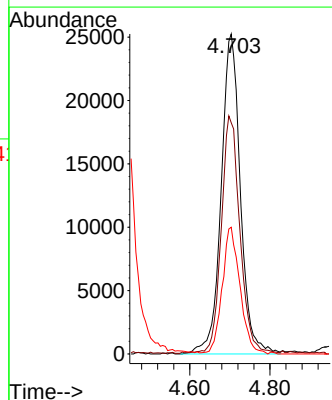
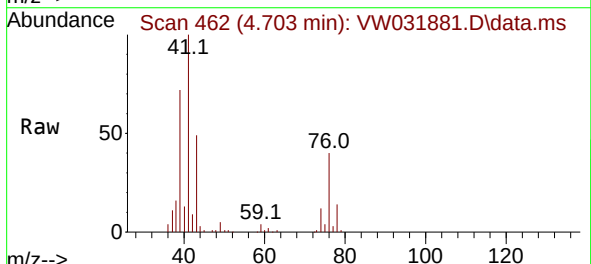
Instrument :
MSVOA_W
ClientSampleId :

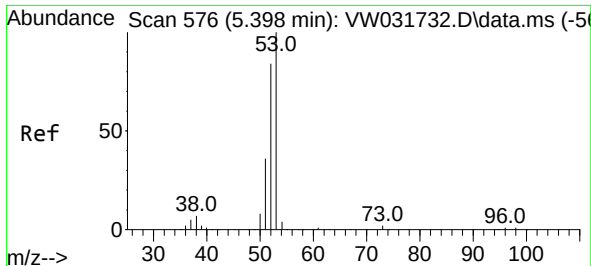
Tgt Ion: 56 Resp: 39816
Ion Ratio Lower Upper
56 100
55 71.7 54.0 81.0



#14
Allyl chloride
Concen: 20.662 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

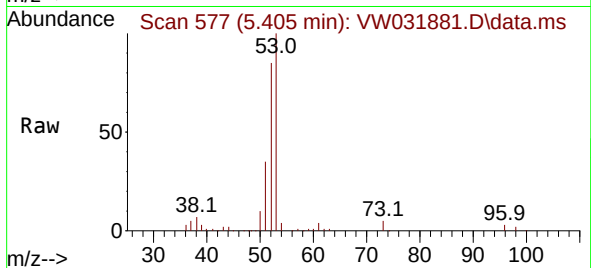
Tgt Ion: 41 Resp: 84072
Ion Ratio Lower Upper
41 100
39 70.8 60.7 91.1
76 36.7 30.3 45.5



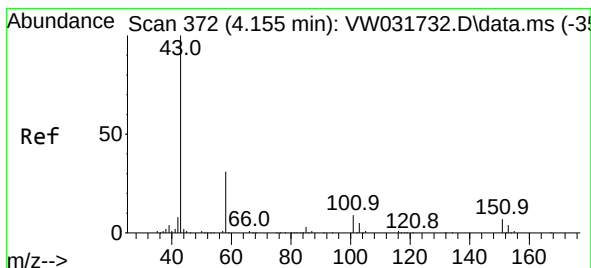
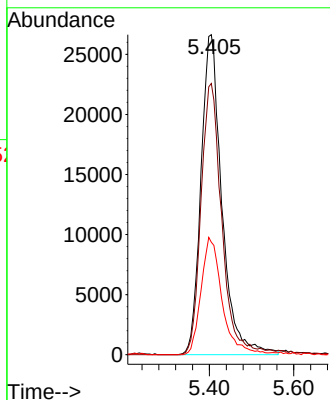
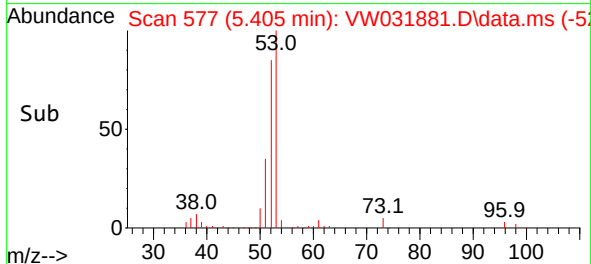


#15
Acrylonitrile
Concen: 112.748 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

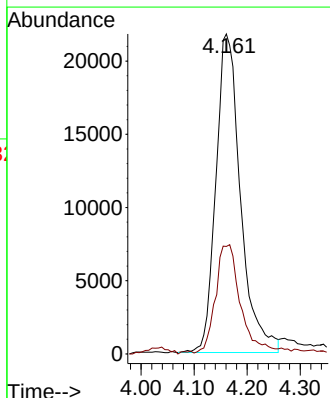
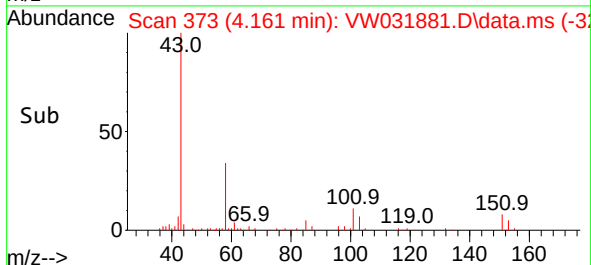
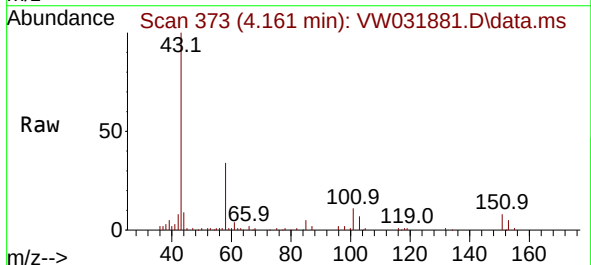


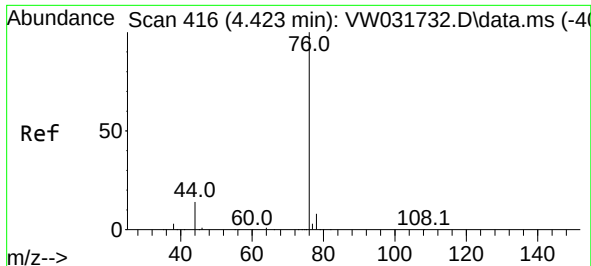
Tgt Ion:	53	Resp:	91898
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.4	99.6
51	36.9	29.9	44.9



#16
Acetone
Concen: 88.996 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion:	43	Resp:	70258
Ion	Ratio	Lower	Upper
43	100		
58	33.8	24.8	37.2

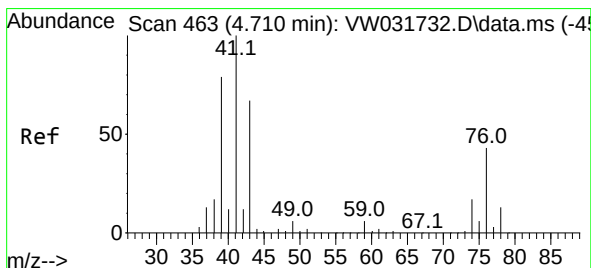
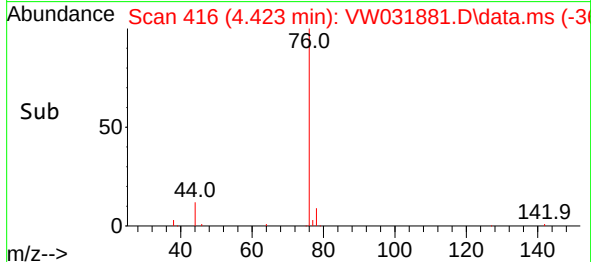
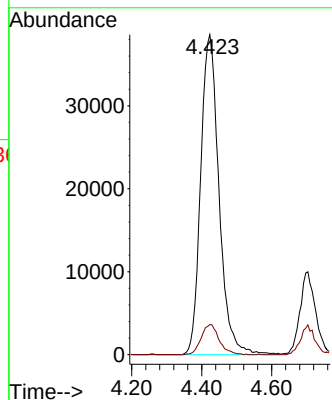
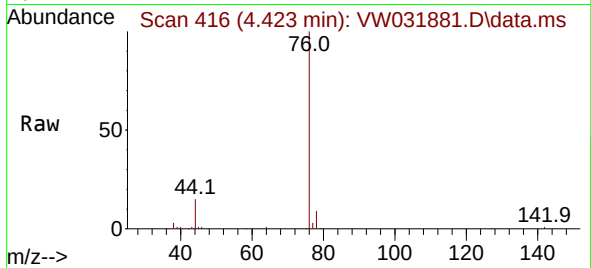




#17
Carbon Disulfide
Concen: 19.754 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

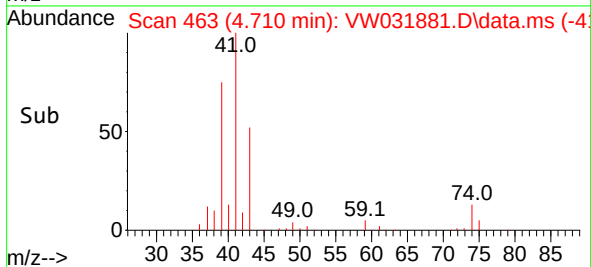
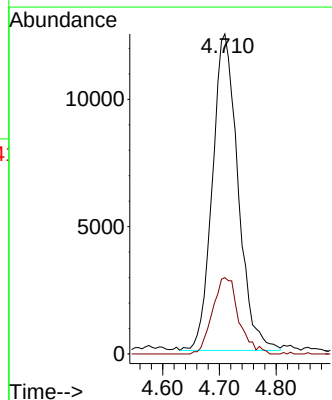
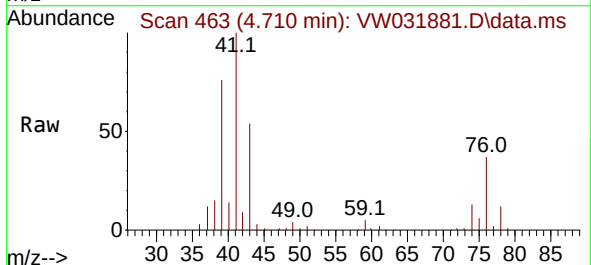
Instrument :
MSVOA_W
ClientSampleId :

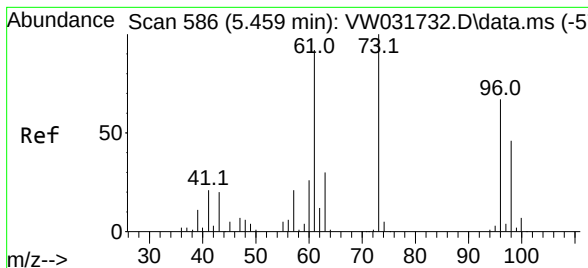
Tgt Ion: 76 Resp: 140184
Ion Ratio Lower Upper
76 100
78 9.4 6.6 10.0



#18
Methyl Acetate
Concen: 17.303 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 43 Resp: 39039
Ion Ratio Lower Upper
43 100
74 24.7 20.6 30.8

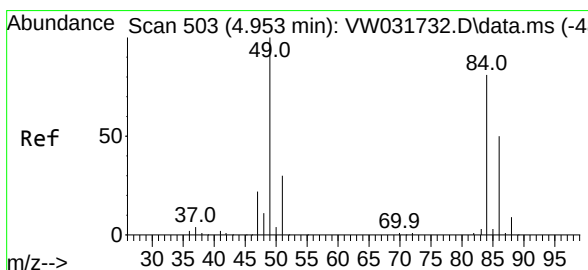
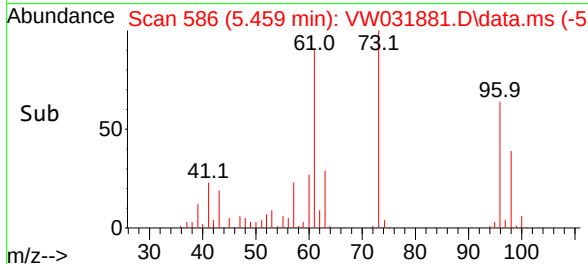
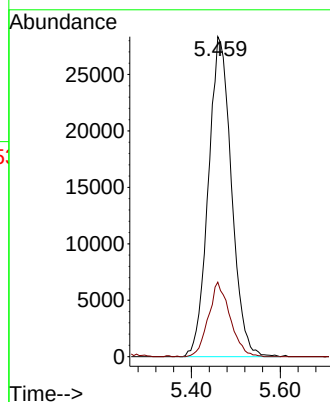
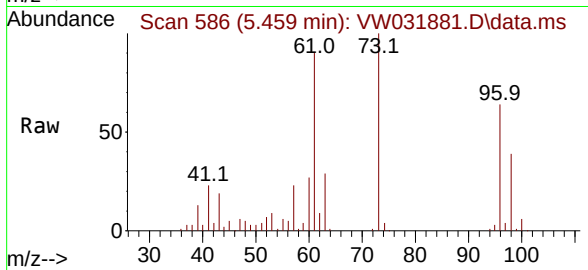




#19
Methyl tert-butyl Ether
Concen: 22.725 ug/l
RT: 5.459 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

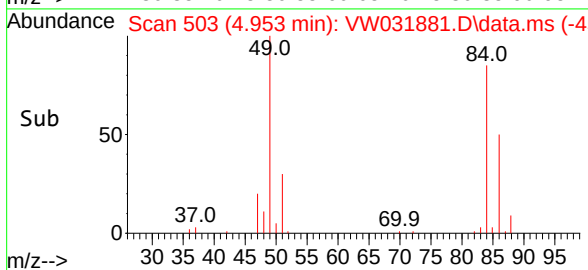
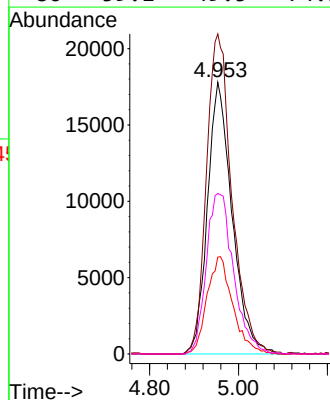
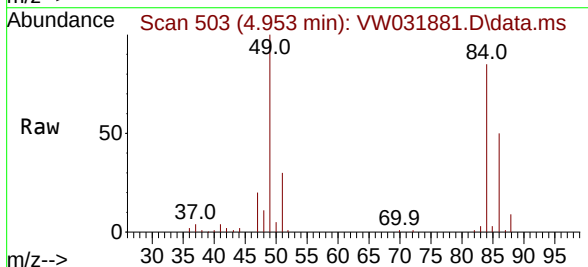
Instrument :
MSVOA_W
ClientSampleId :

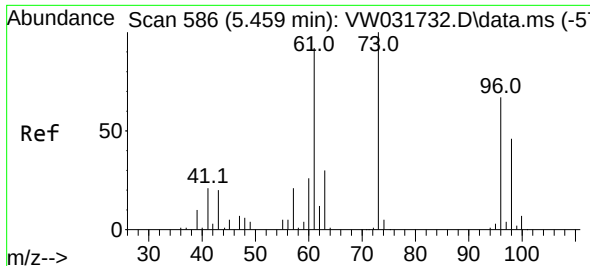
Tgt Ion: 73 Resp: 102287
Ion Ratio Lower Upper
73 100
57 23.3 17.2 25.8



#20
Methylene Chloride
Concen: 18.777 ug/l
RT: 4.953 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 84 Resp: 68676
Ion Ratio Lower Upper
84 100
49 117.8 98.2 147.4
51 35.6 29.8 44.8
86 59.1 49.5 74.3

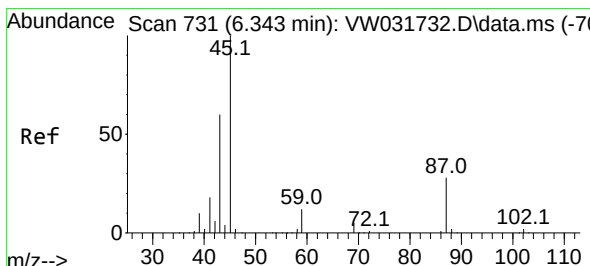
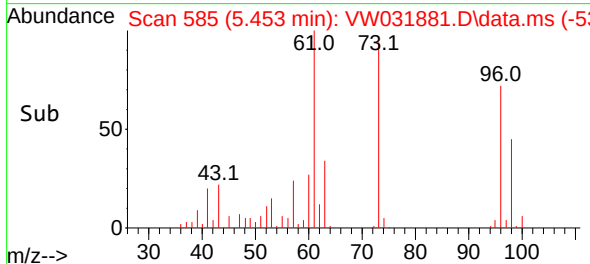
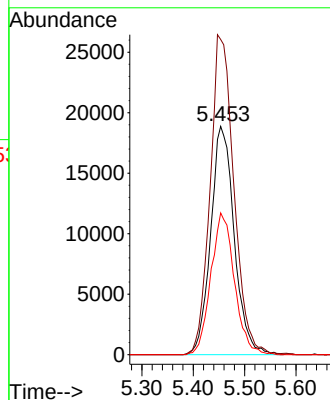
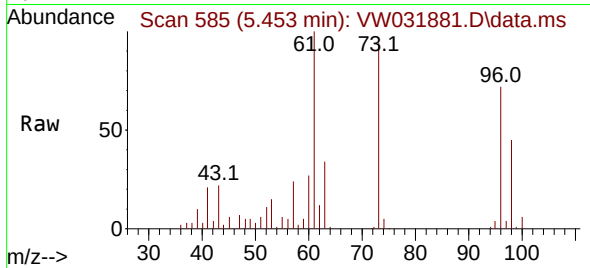




#21
trans-1,2-Dichloroethene
Concen: 21.317 ug/l
RT: 5.453 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

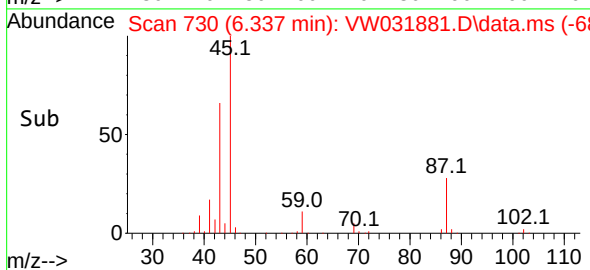
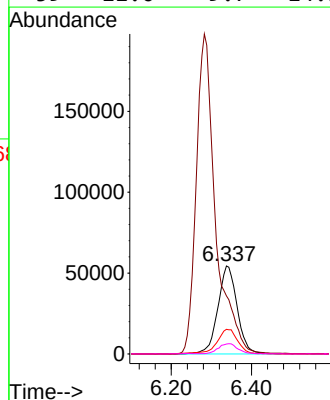
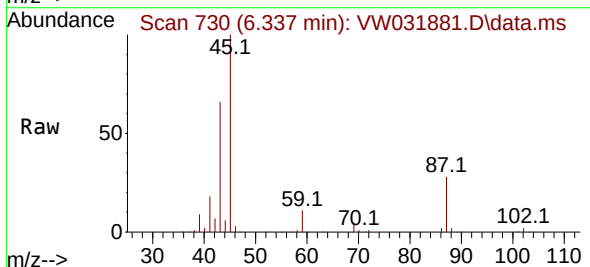
Instrument :
MSVOA_W
ClientSampleId :

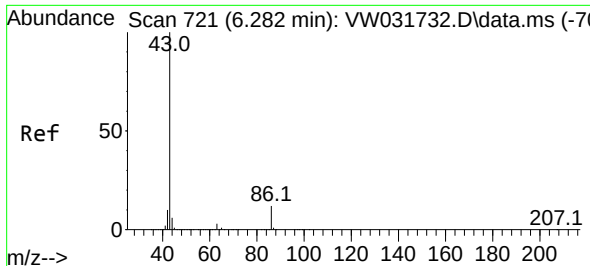
Tgt Ion: 96 Resp: 60067
Ion Ratio Lower Upper
96 100
61 138.1 109.8 164.6
98 62.1 54.9 82.3



#22
Diisopropyl ether
Concen: 22.861 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 45 Resp: 181411
Ion Ratio Lower Upper
45 100
43 65.3 48.3 72.5
87 28.1 22.6 34.0
59 11.0 9.7 14.5

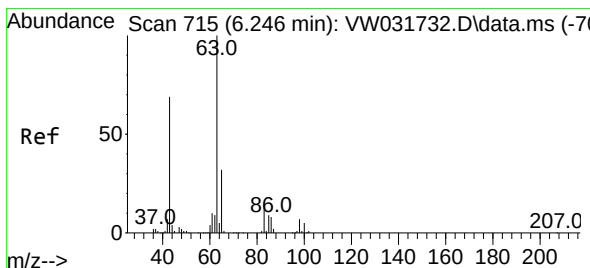
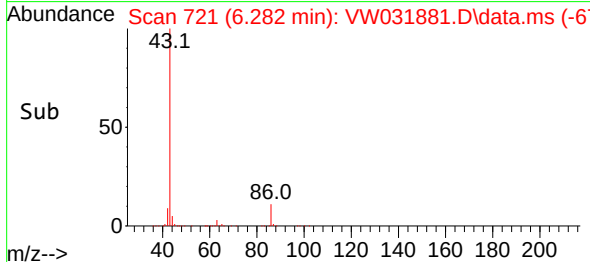
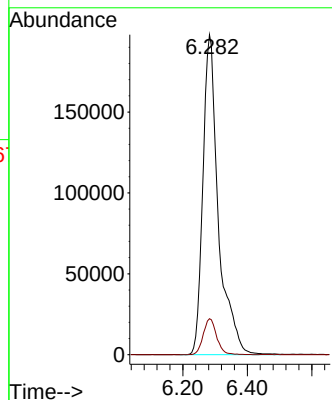
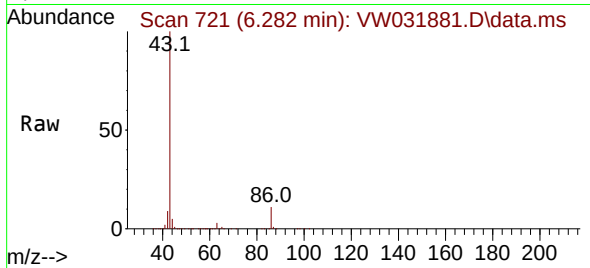




#23
 Vinyl Acetate
 Concen: 121.842 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

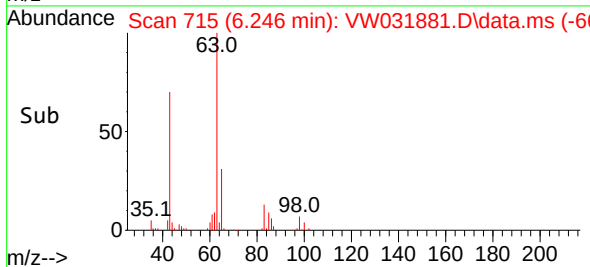
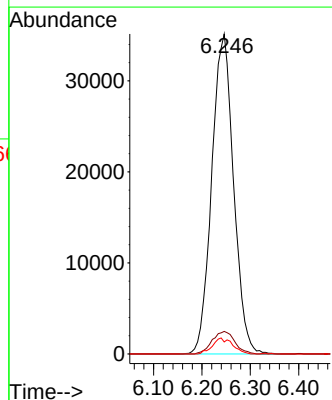
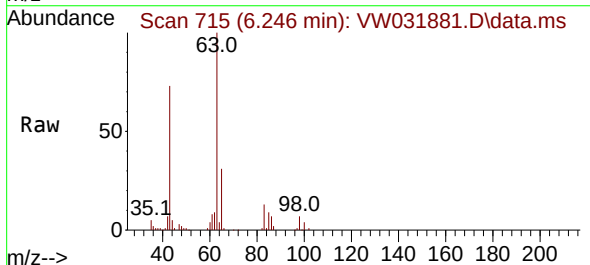
Instrument :
 MSVOA_W
 ClientSampleId :

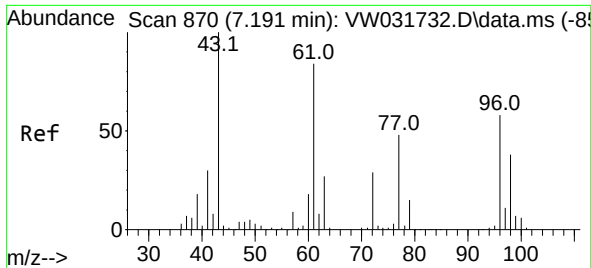
Tgt Ion: 43 Resp: 660423
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 21.404 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Tgt Ion: 63 Resp: 110121
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 3.7 2.5 7.5

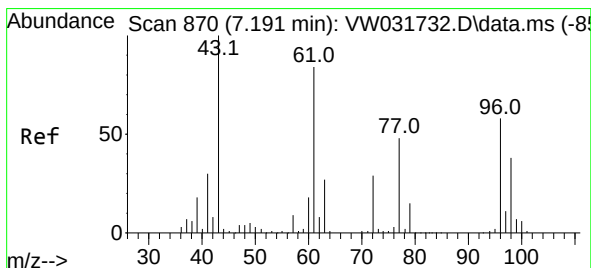
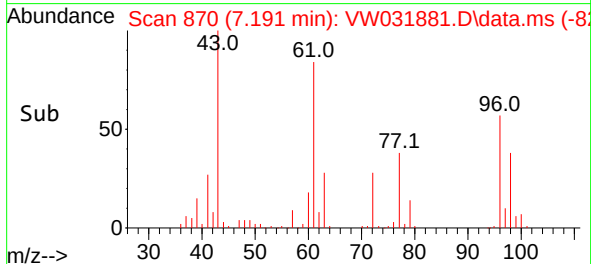
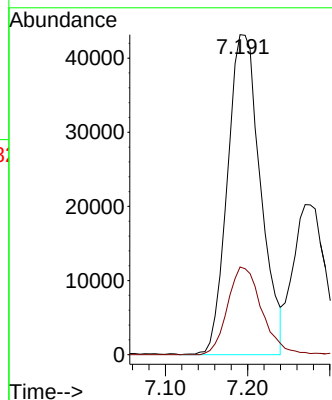
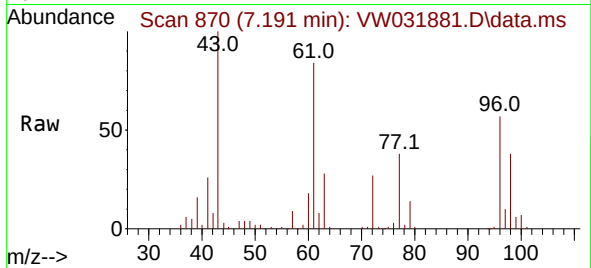




#25
2-Butanone
Concen: 117.468 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

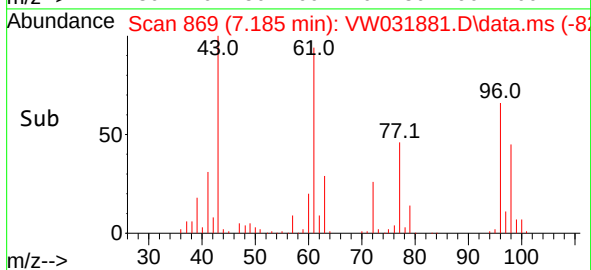
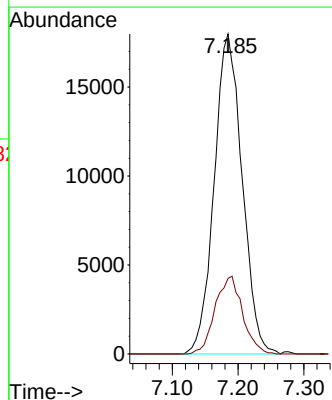
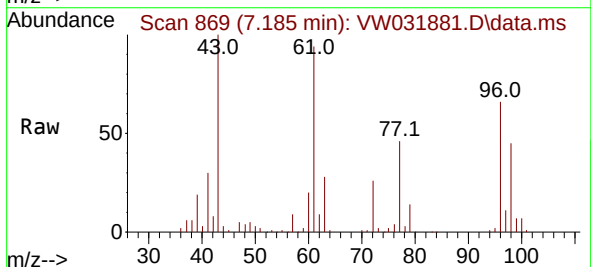
Instrument :
MSVOA_W
ClientSampleId :

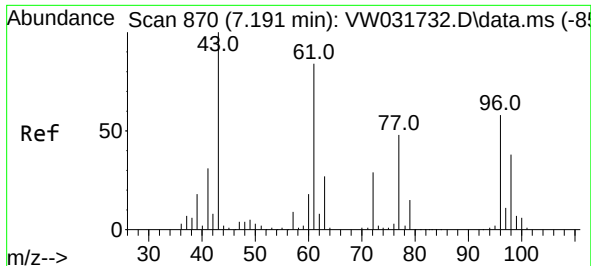
Tgt Ion: 43 Resp: 120646
Ion Ratio Lower Upper
43 100
72 27.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.704 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 77 Resp: 53142
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.846 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

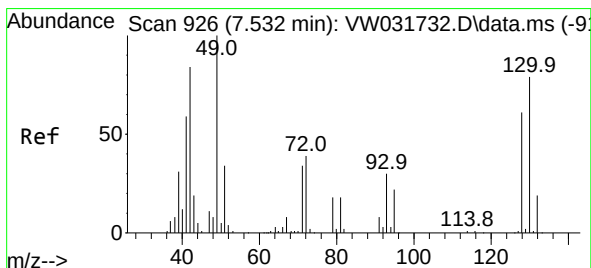
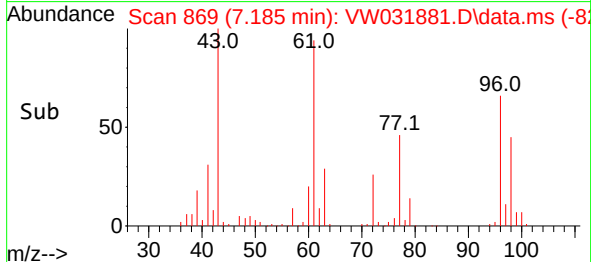
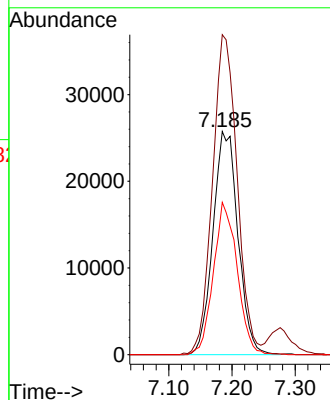
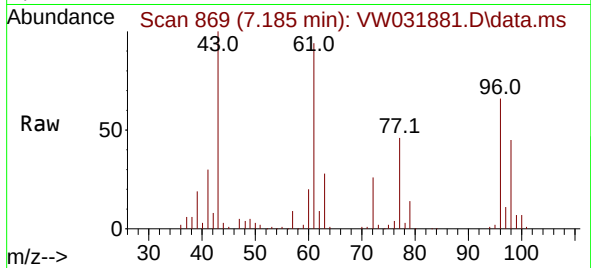
Tgt Ion: 96 Resp: 70760

Ion Ratio Lower Upper

96 100

61 141.2 0.0 286.8

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 21.666 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

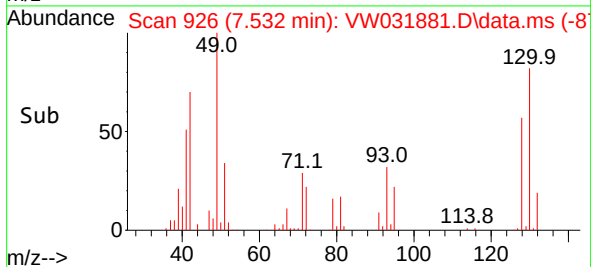
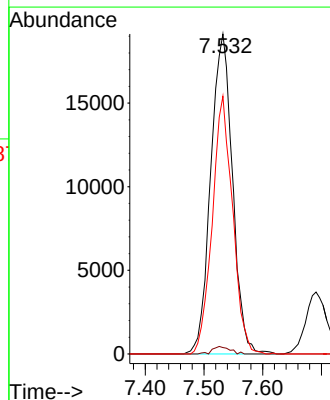
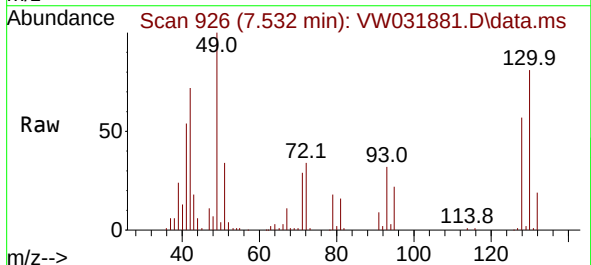
Tgt Ion: 49 Resp: 49189

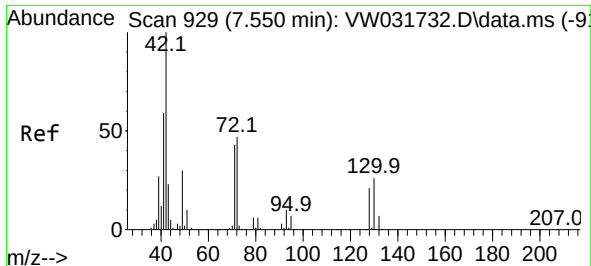
Ion Ratio Lower Upper

49 100

129 1.9 0.0 2.4

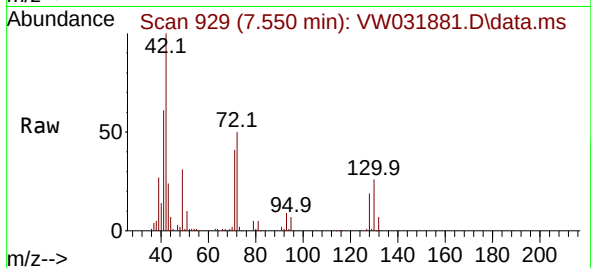
130 75.3 61.3 91.9



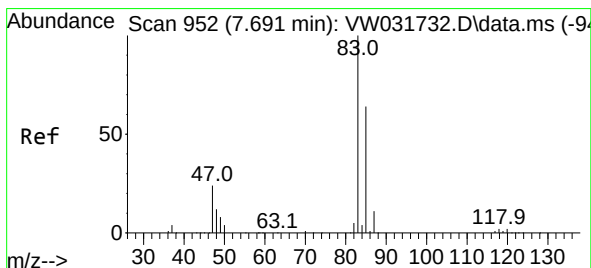
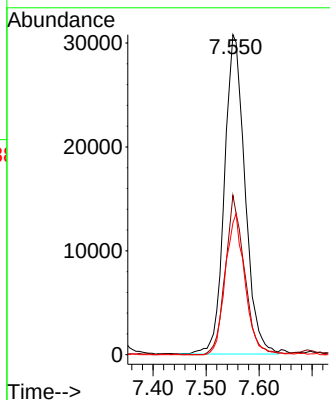
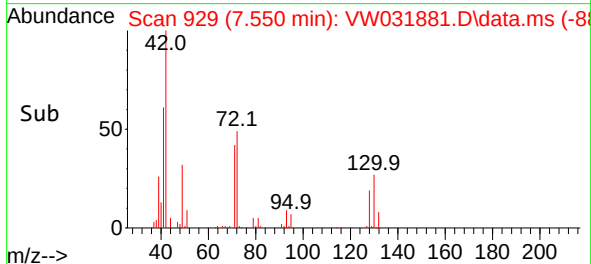


#29
Tetrahydrofuran
Concen: 117.804 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

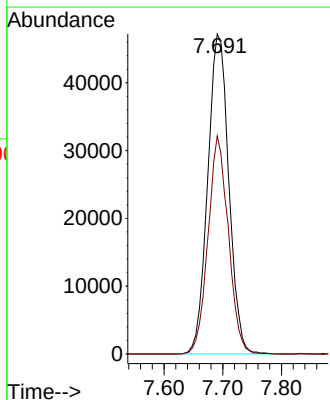
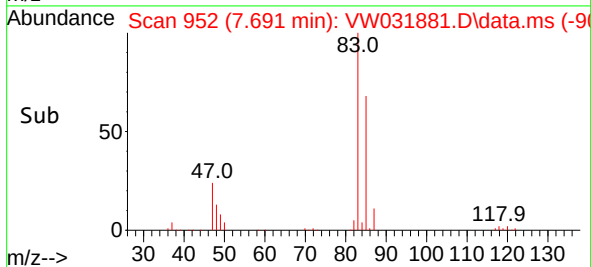
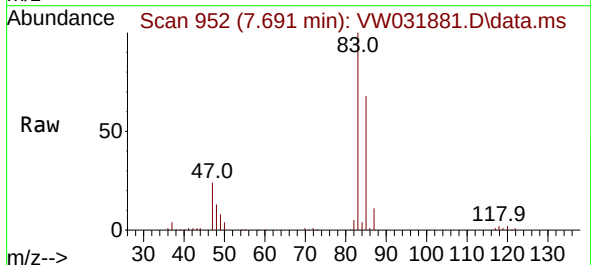


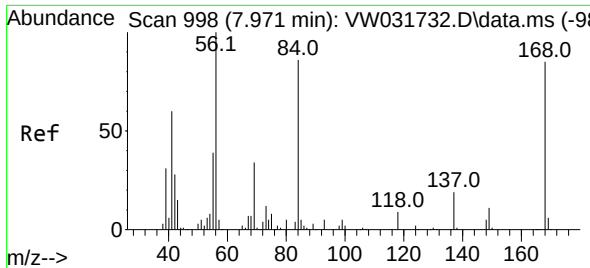
Tgt Ion: 42 Resp: 82858
Ion Ratio Lower Upper
42 100
72 46.3 36.8 55.2
71 42.4 34.6 52.0



#30
Chloroform
Concen: 21.508 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 83 Resp: 117581
Ion Ratio Lower Upper
83 100
85 68.2 51.4 77.0

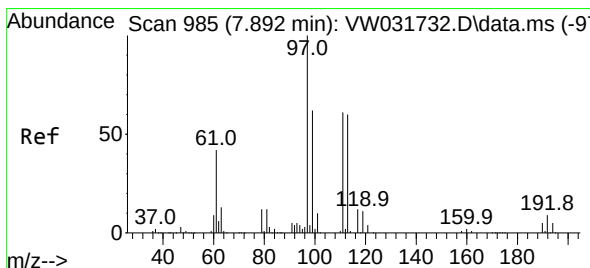
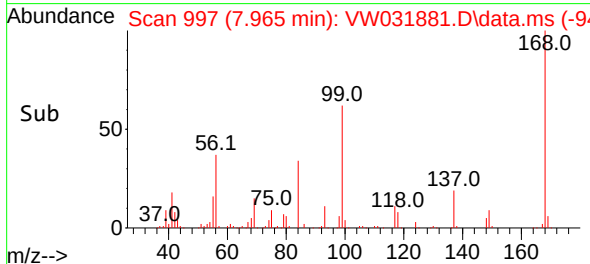
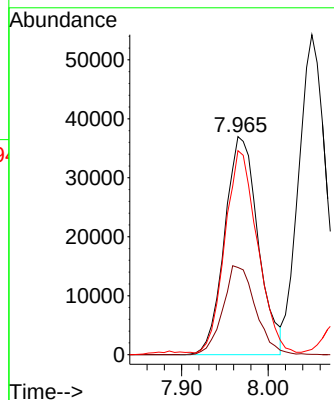
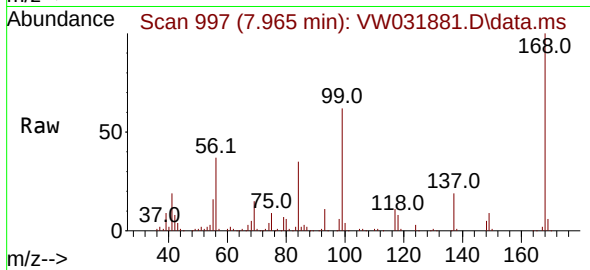




#31
Cyclohexane
Concen: 21.883 ug/l
RT: 7.965 min Scan# 998
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

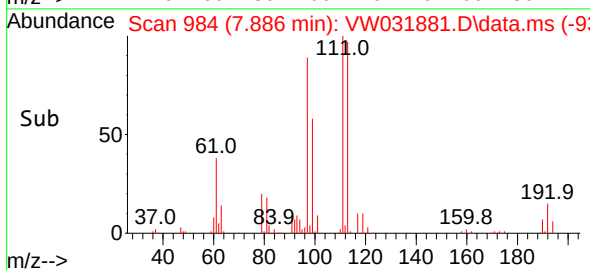
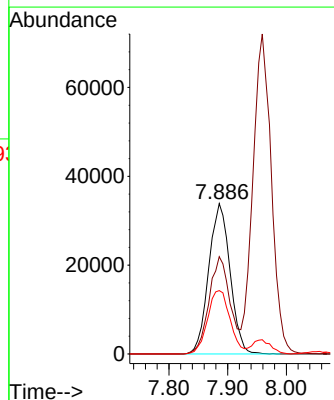
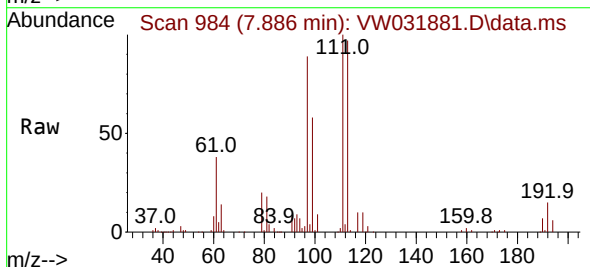
Instrument :
MSVOA_W
ClientSampleId :

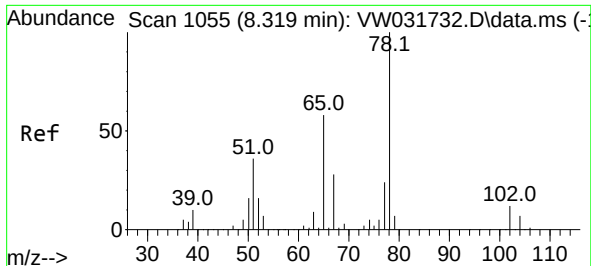
Tgt Ion: 56 Resp: 99519
Ion Ratio Lower Upper
56 100
69 40.0 27.2 40.8
84 92.3 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 20.271 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 97 Resp: 85400
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 44.3 36.0 54.0

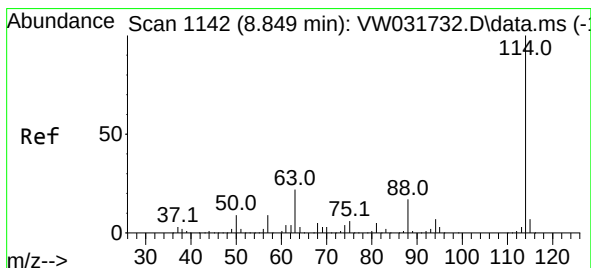
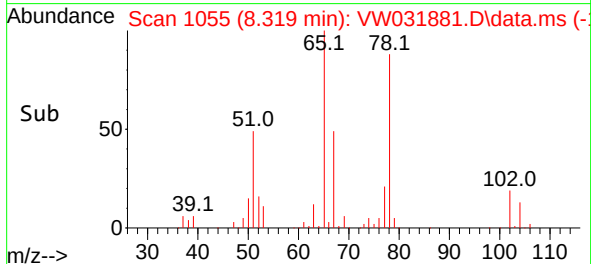
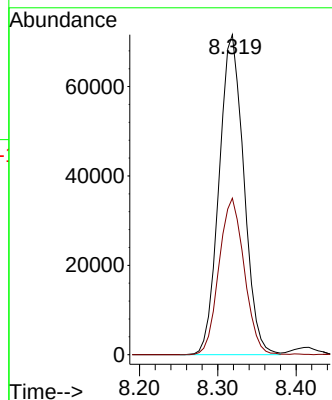
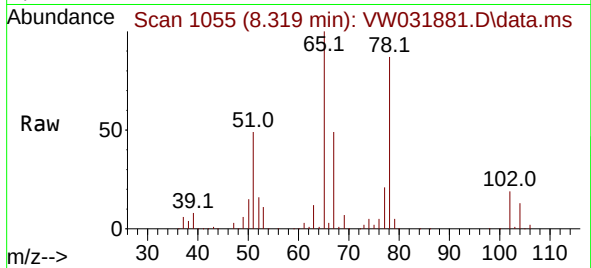




#33
 1,2-Dichloroethane-d4
 Concen: 49.268 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

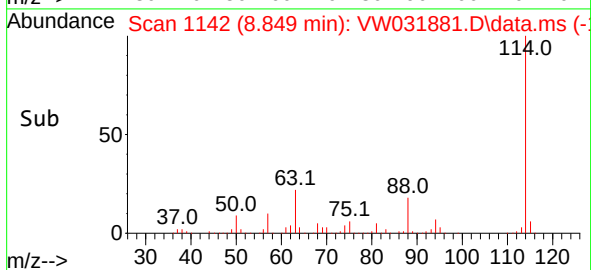
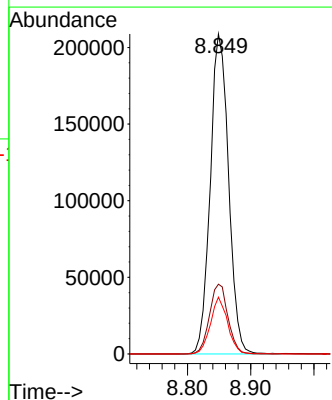
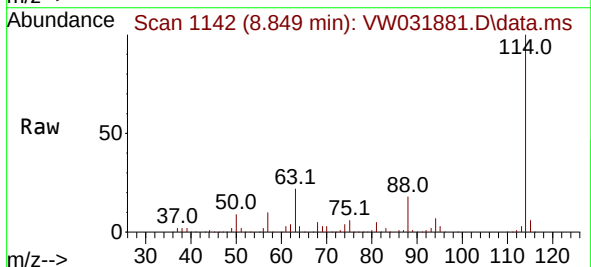
Instrument :
 MSVOA_W
 ClientSampleId :

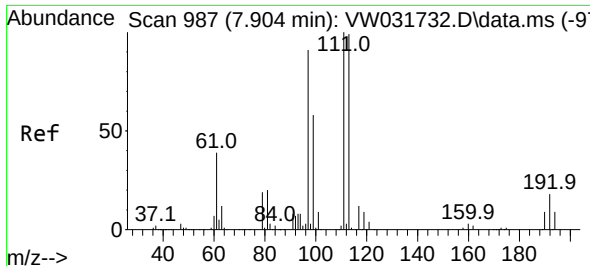
Tgt Ion: 65 Resp: 157362
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

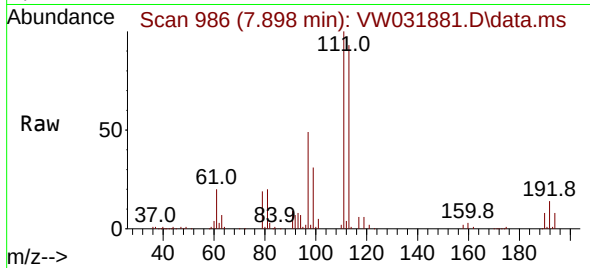
Tgt Ion: 114 Resp: 420008
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 17.7 0.0 34.2



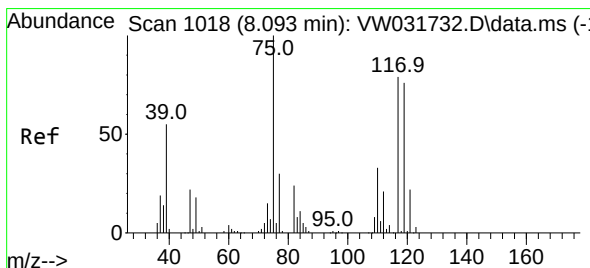
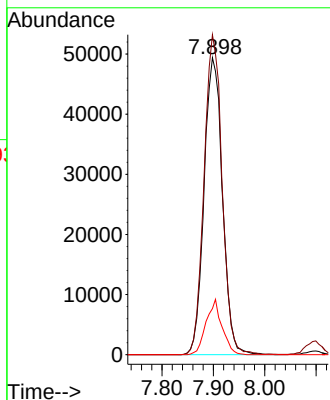
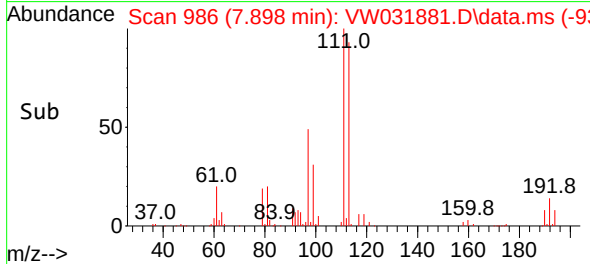


#35
 Dibromofluoromethane
 Concen: 44.723 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

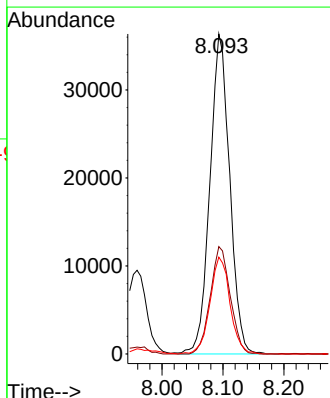
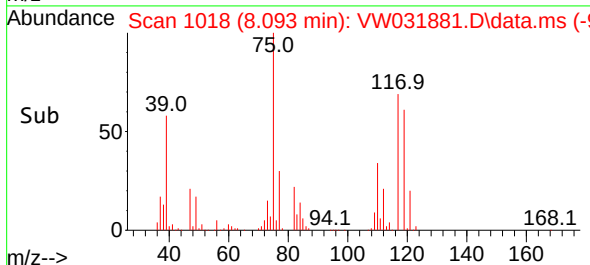
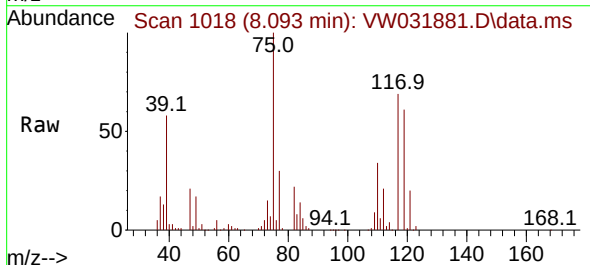


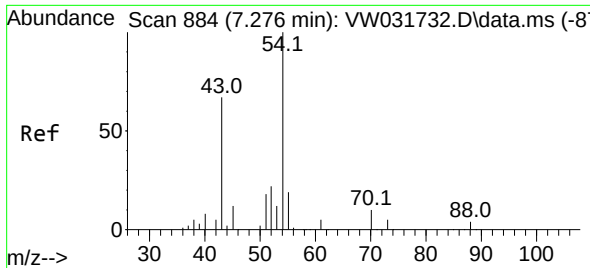
Tgt	Ion:113	Resp:	122573
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.1	123.1
192	16.2	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 20.688 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Tgt Ion: 75	Resp: 82047
Ion Ratio	Lower Upper
75 100	
110 33.8	16.8 50.4
77 30.7	25.0 37.6

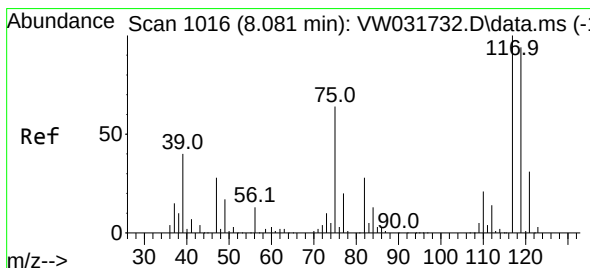
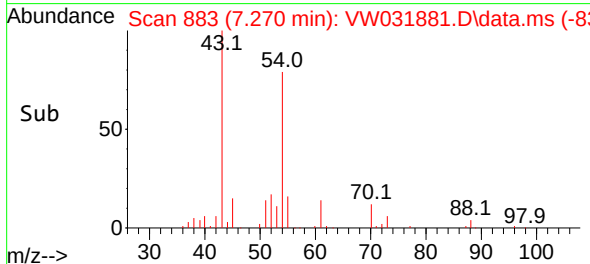
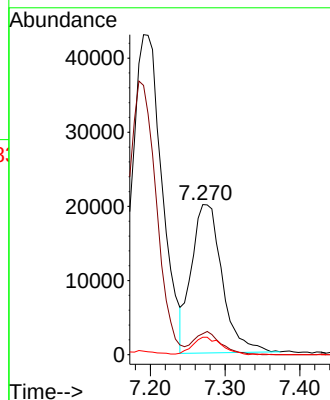
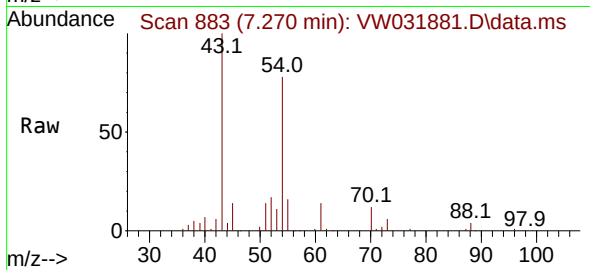




#37
Ethyl Acetate
Concen: 22.791 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

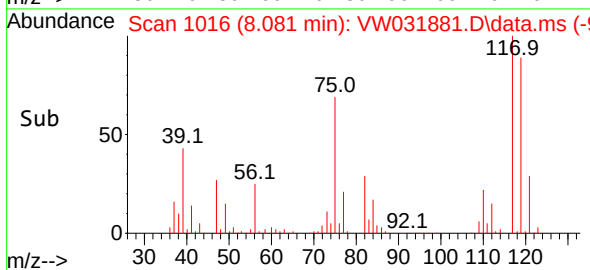
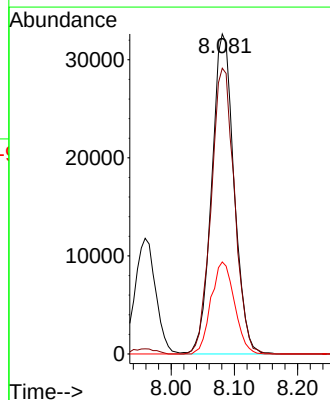
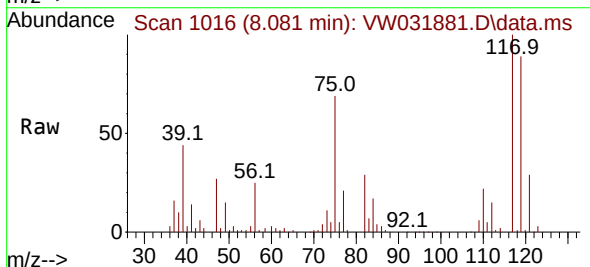
Instrument :
MSVOA_W
ClientSampleId :

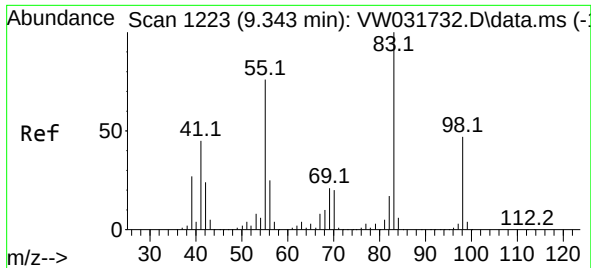
Tgt Ion: 43 Resp: 57019
Ion Ratio Lower Upper
43 100
61 13.7 10.9 16.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.807 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 117 Resp: 80047
Ion Ratio Lower Upper
117 100
119 89.3 75.0 112.6
121 28.7 24.6 37.0





#39

Methylcyclohexane

Concen: 21.460 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

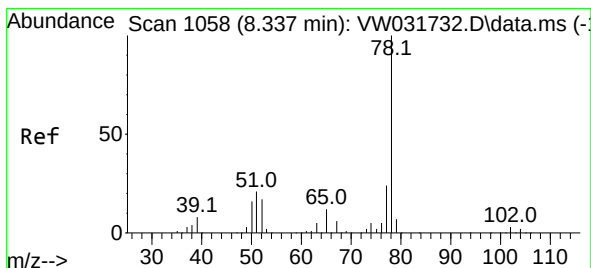
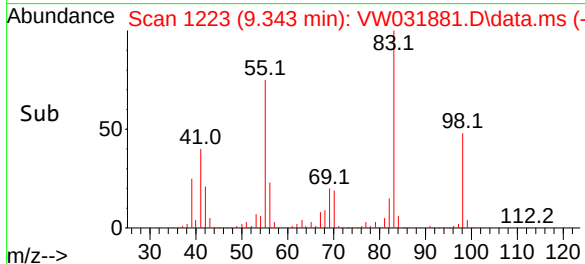
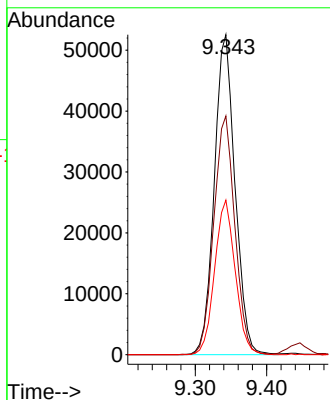
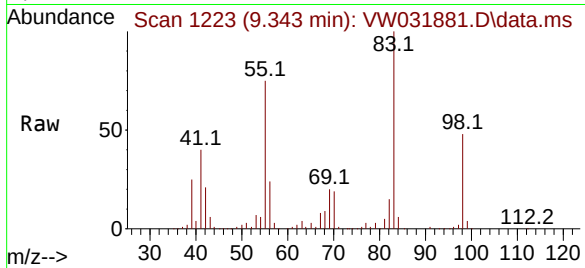
Tgt Ion: 83 Resp: 105893

Ion Ratio Lower Upper

83 100

55 74.6 61.0 91.4

98 48.3 37.9 56.9



#40

Benzene

Concen: 21.311 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031881.D

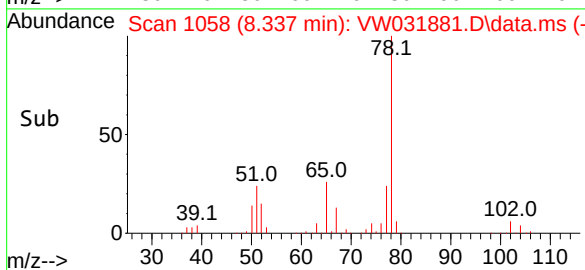
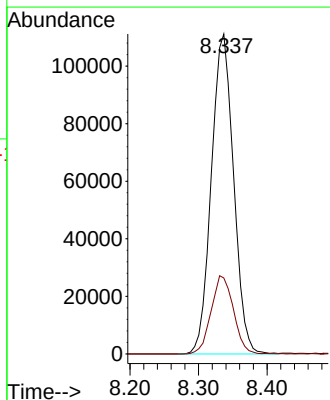
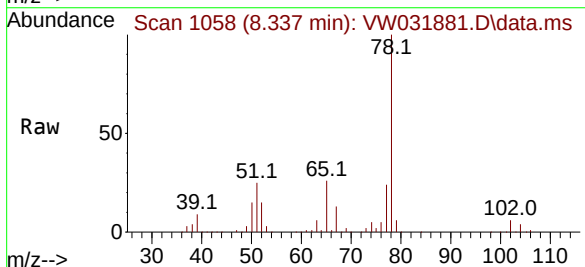
Acq: 17 Jul 2025 11:29

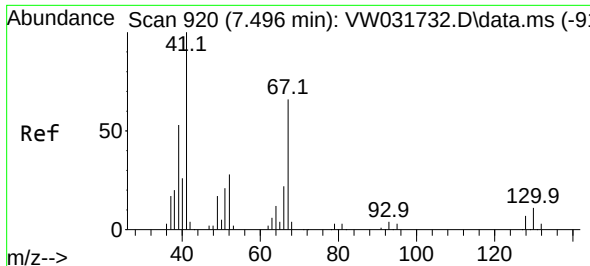
Tgt Ion: 78 Resp: 250061

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8

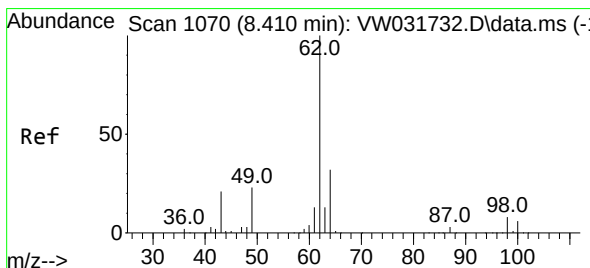
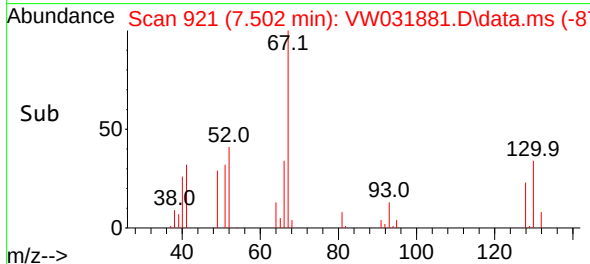
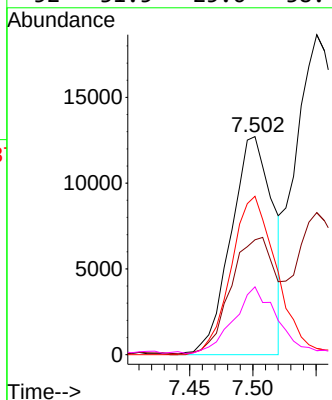
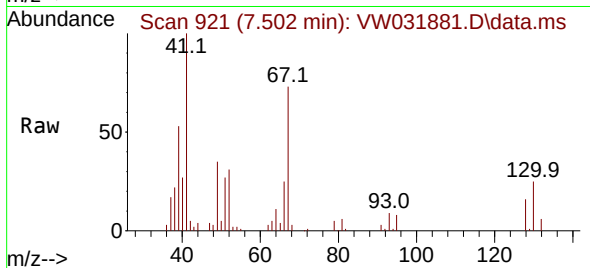




#41
Methacrylonitrile
Concen: 21.855 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

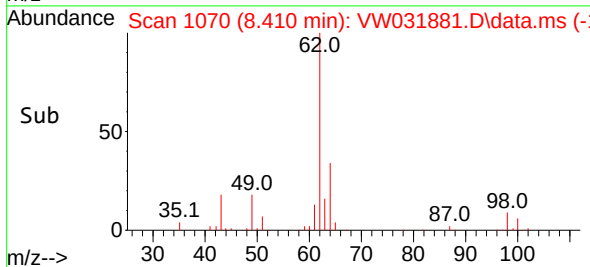
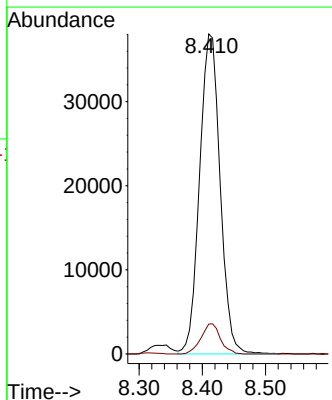
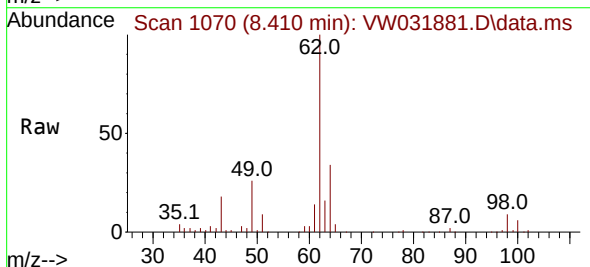
Instrument :
MSVOA_W
ClientSampleId :

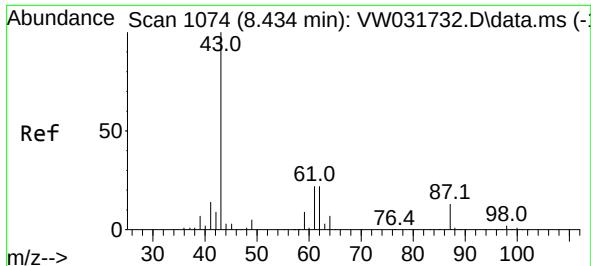
Tgt Ion:	41	Resp:	29291
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.2	64.8
67	79.7	58.1	87.1
52	31.5	25.6	38.4



#42
1,2-Dichloroethane
Concen: 21.680 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion:	62	Resp:	85955
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2

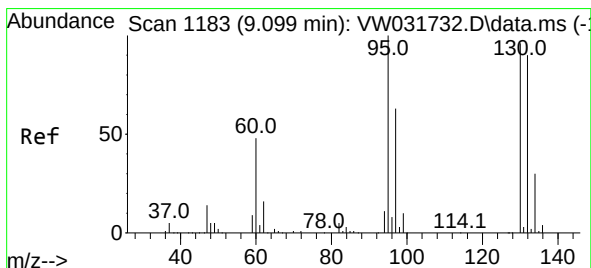
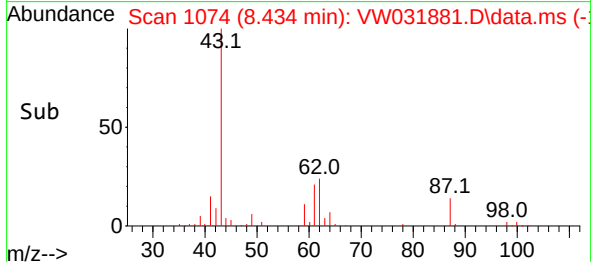
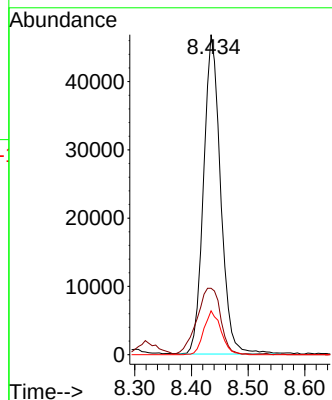
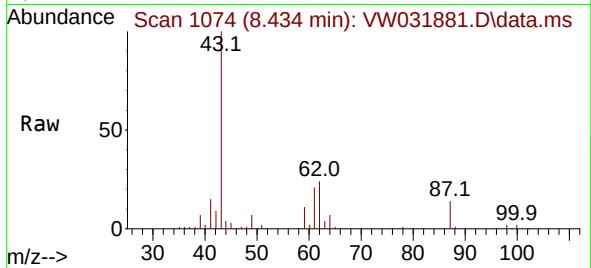




#43
Isopropyl Acetate
Concen: 22.692 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

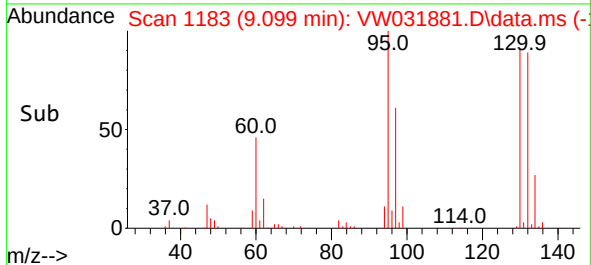
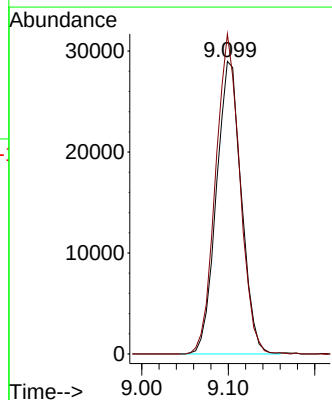
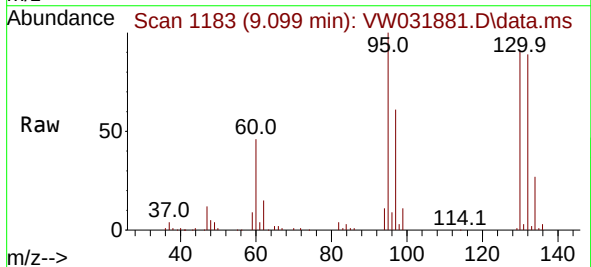
Instrument :
MSVOA_W
ClientSampleId :

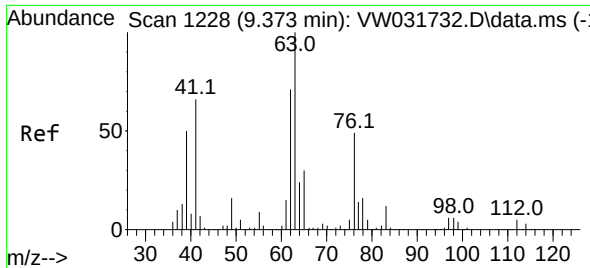
Tgt Ion: 43 Resp: 97861
Ion Ratio Lower Upper
43 100
61 28.7 23.1 34.7
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 19.826 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion:130 Resp: 58062
Ion Ratio Lower Upper
130 100
95 109.4 0.0 208.6

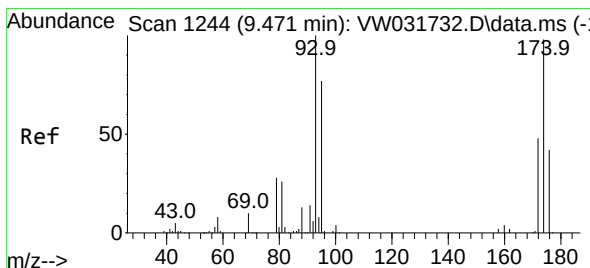
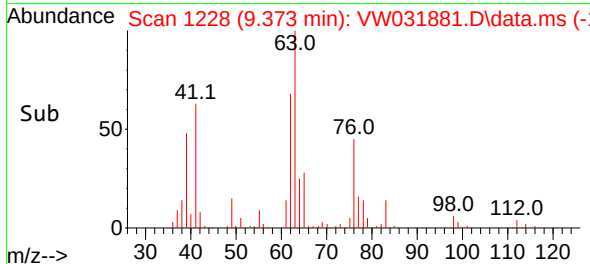
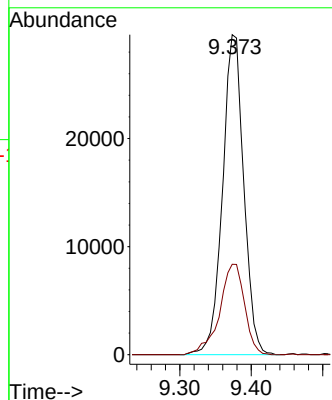
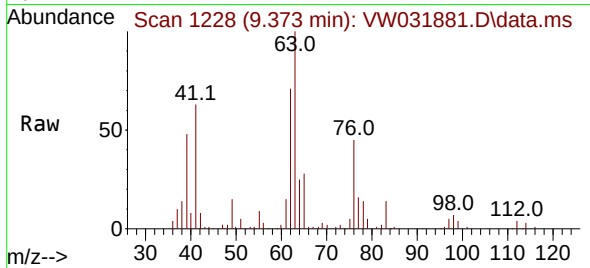




#45
1,2-Dichloropropane
Concen: 21.498 ug/l
RT: 9.373 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

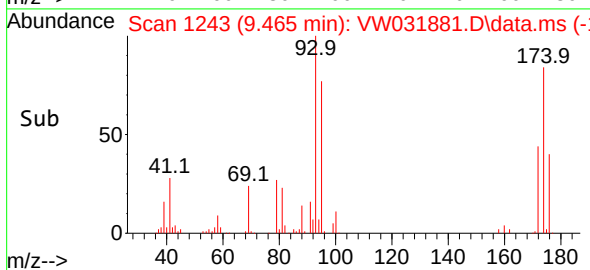
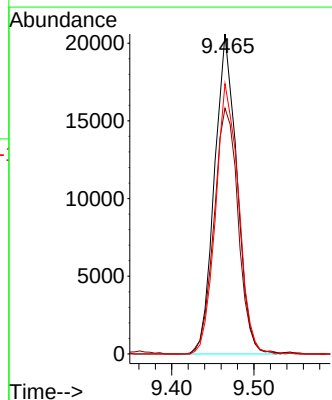
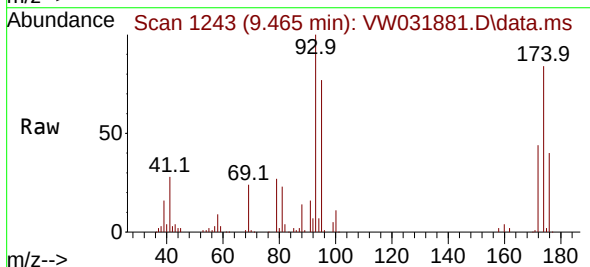
Instrument :
MSVOA_W
ClientSampleId :

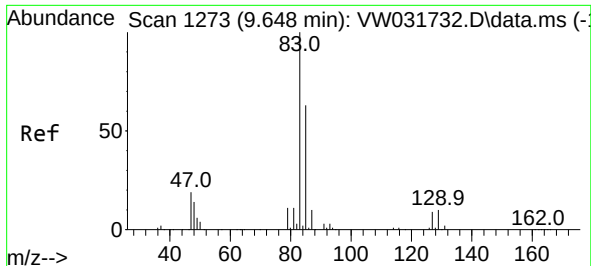
Tgt Ion: 63 Resp: 60967
Ion Ratio Lower Upper
63 100
65 28.3 24.2 36.4



#46
Dibromomethane
Concen: 21.311 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 93 Resp: 39017
Ion Ratio Lower Upper
93 100
95 82.9 67.0 100.4
174 86.7 71.7 107.5

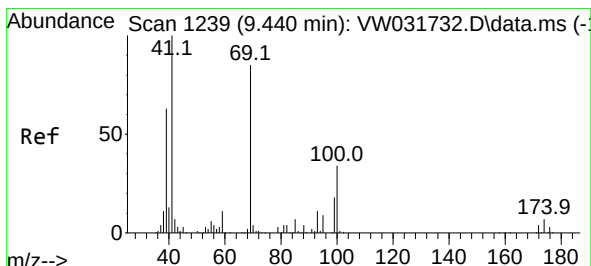
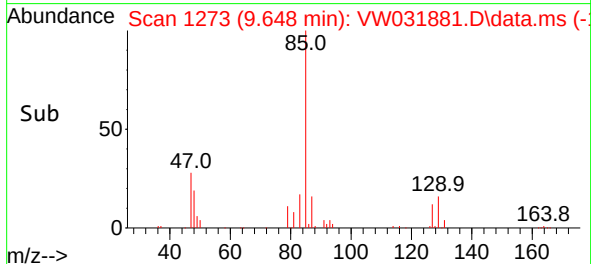
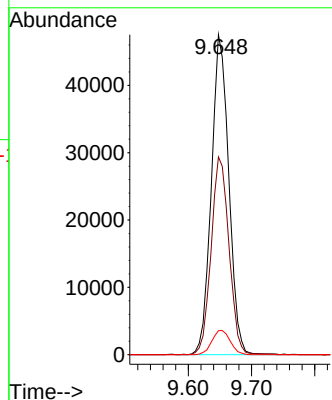
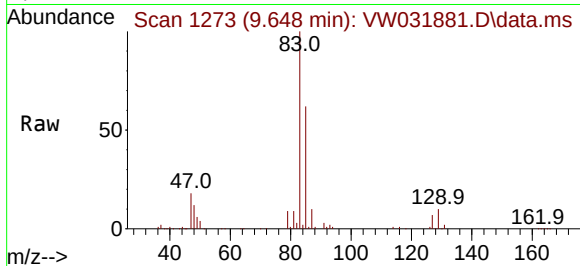




#47
Bromodichloromethane
Concen: 21.165 ug/l
RT: 9.648 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

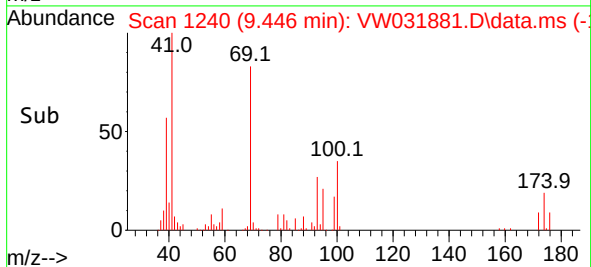
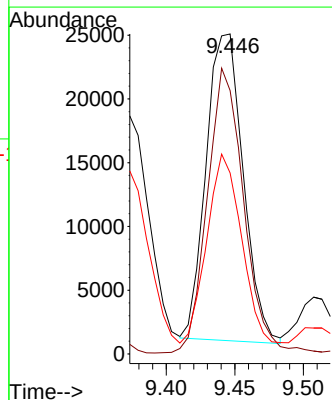
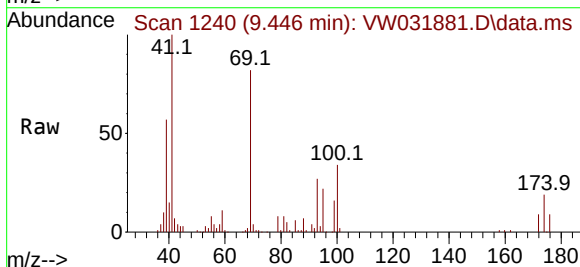
Instrument :
MSVOA_W
ClientSampleId :

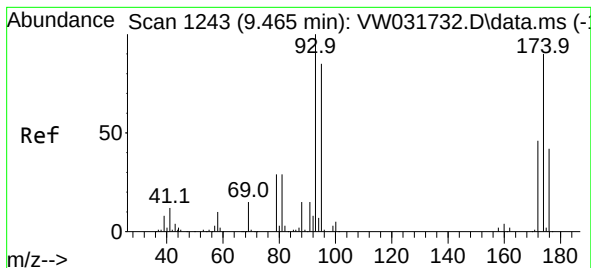
Tgt Ion: 83 Resp: 90870
Ion Ratio Lower Upper
83 100
85 61.8 50.8 76.2
127 7.5 6.8 10.2



#48
Methyl methacrylate
Concen: 21.320 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 41 Resp: 45209
Ion Ratio Lower Upper
41 100
69 92.0 71.6 107.4
39 58.7 49.5 74.3





#49

1,4-Dioxane

Concen: 498.992 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

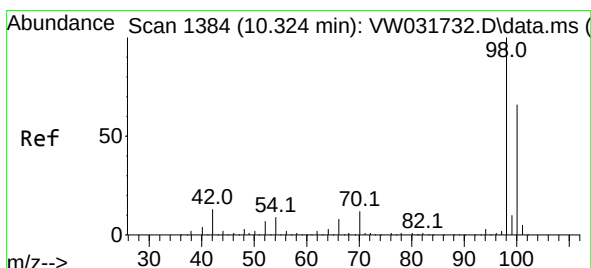
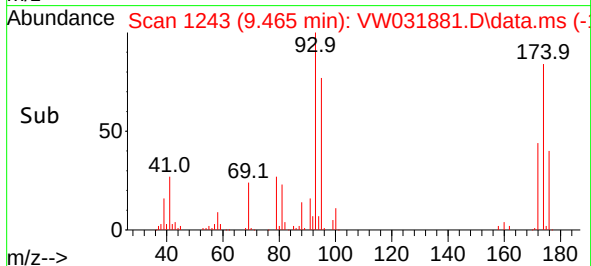
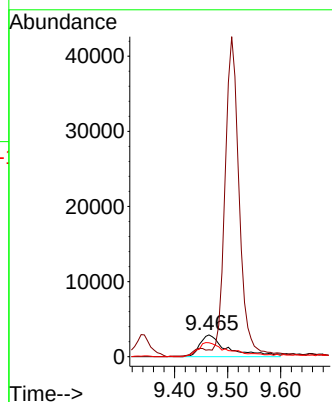
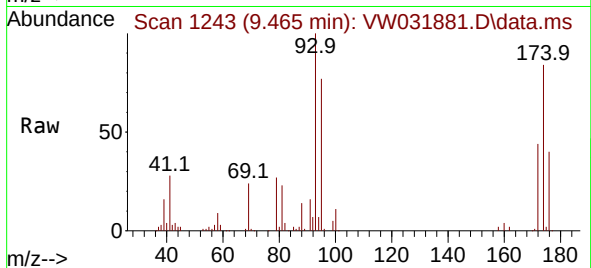
Tgt Ion: 88 Resp: 10700

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 74.5 58.3 87.5



#50

Toluene-d8

Concen: 45.741 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031881.D

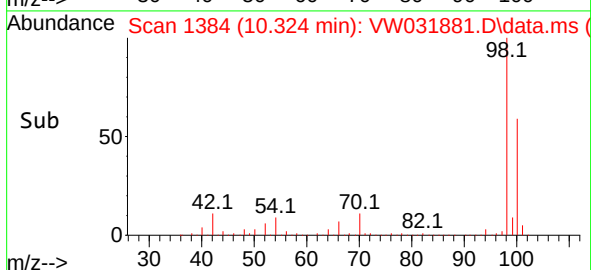
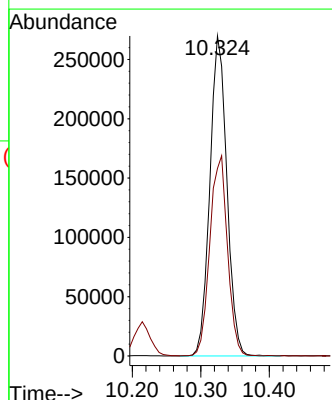
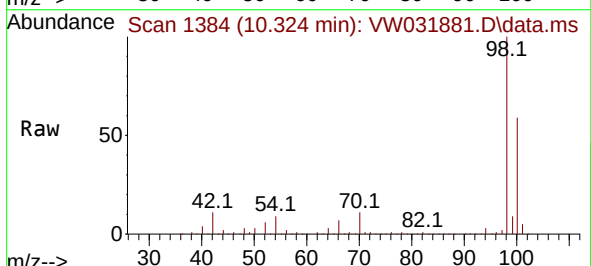
Acq: 17 Jul 2025 11:29

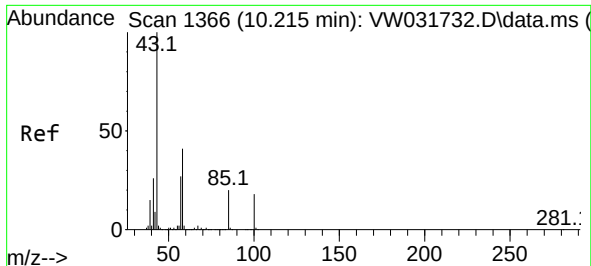
Tgt Ion: 98 Resp: 466527

Ion Ratio Lower Upper

98 100

100 64.6 53.0 79.4

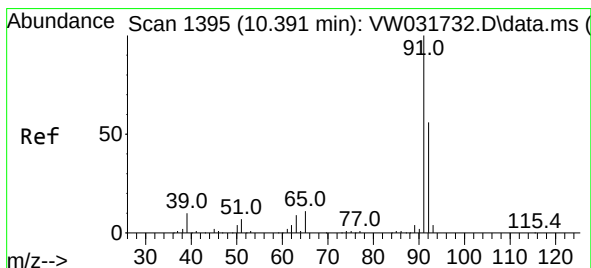
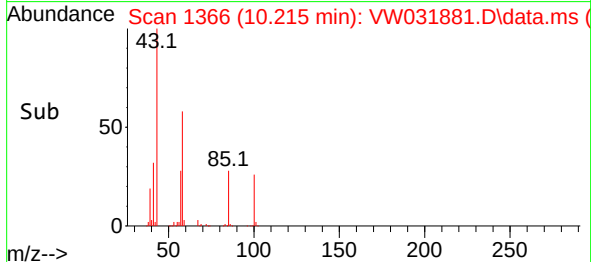
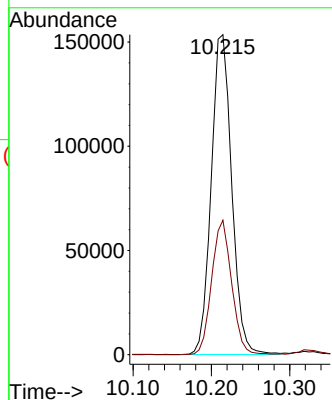
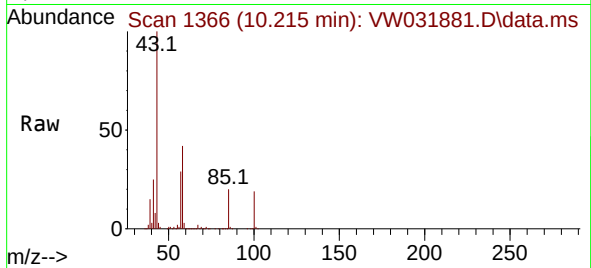




#51
4-Methyl-2-Pentanone
Concen: 112.647 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

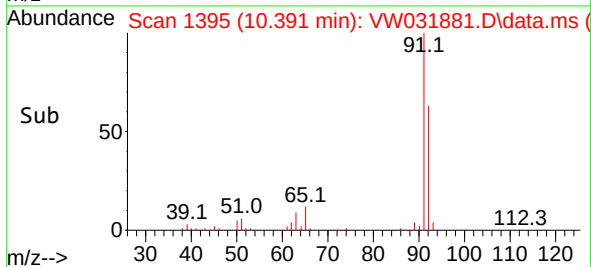
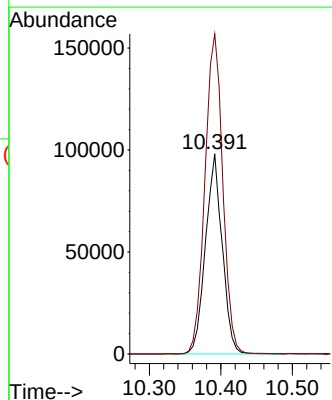
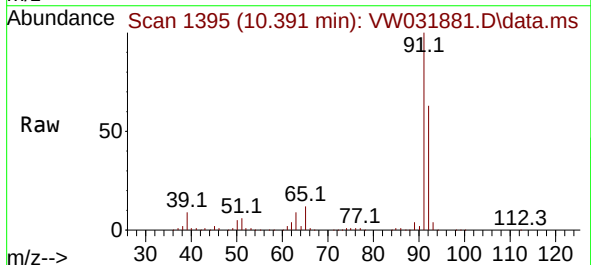
Instrument :
MSVOA_W
ClientSampleId :

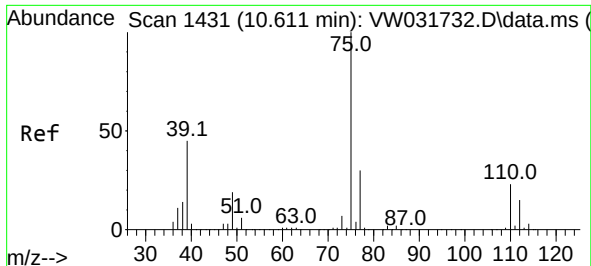
Tgt Ion: 43 Resp: 279293
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.2



#52
Toluene
Concen: 21.253 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 92 Resp: 159668
Ion Ratio Lower Upper
92 100
91 170.1 139.5 209.3

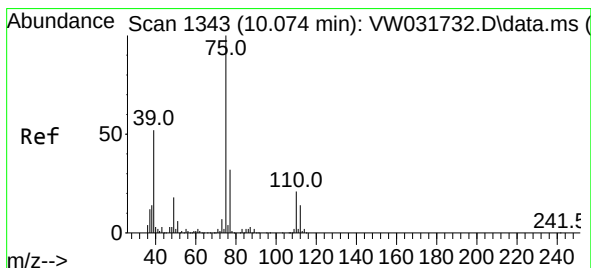
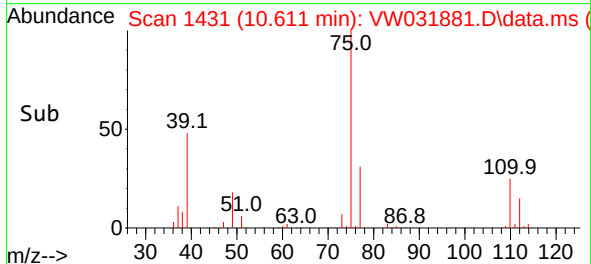
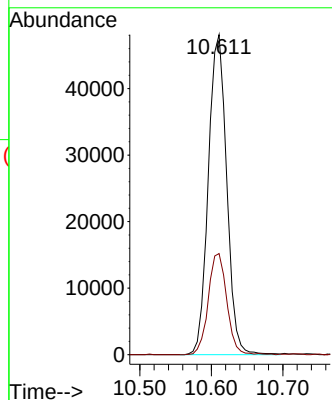
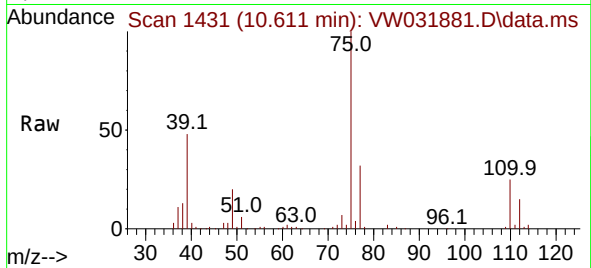




#53
t-1,3-Dichloropropene
Concen: 21.295 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

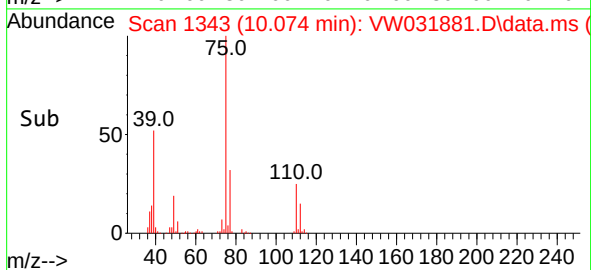
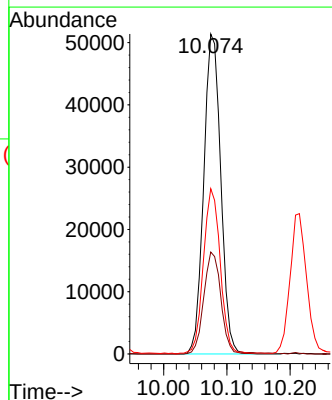
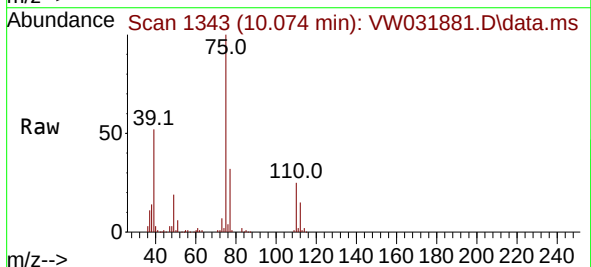
Instrument :
MSVOA_W
ClientSampleId :

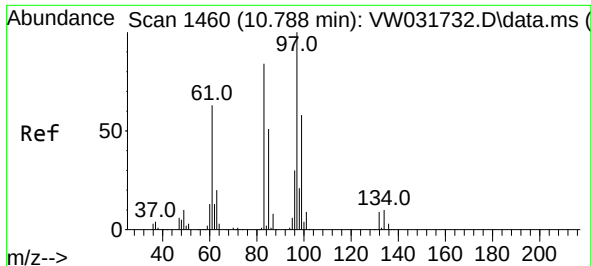
Tgt Ion: 75 Resp: 85781
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 21.129 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 75 Resp: 96489
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 51.4 41.8 62.6

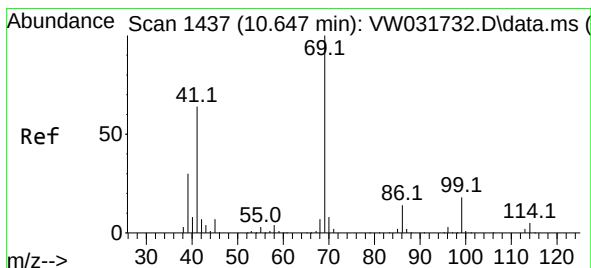
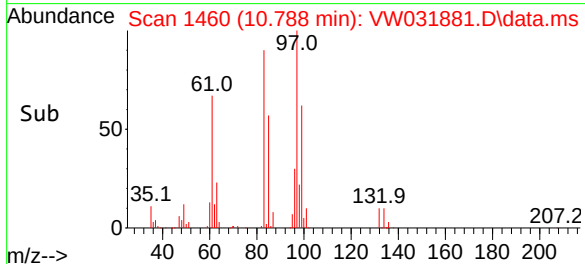
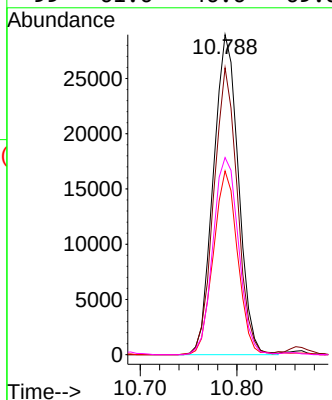
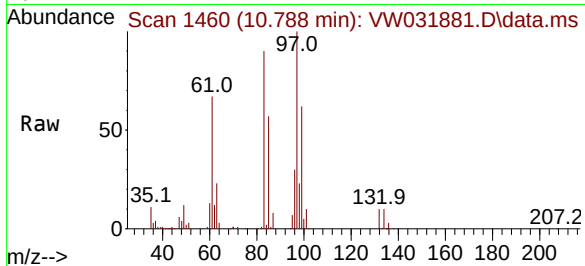




#55
1,1,2-Trichloroethane
Concen: 21.713 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

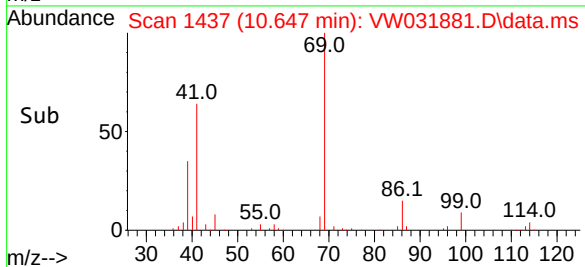
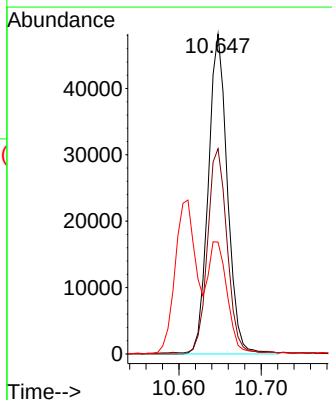
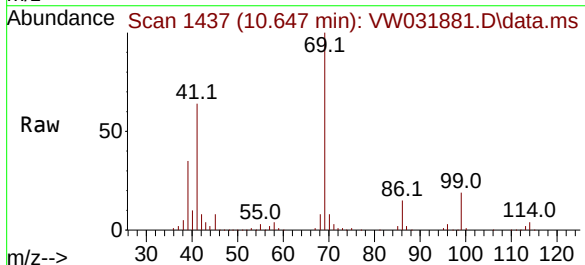
Instrument :
MSVOA_W
ClientSampleId :

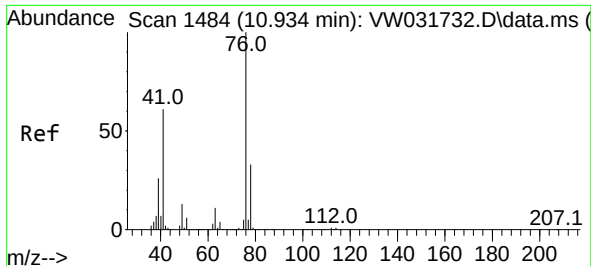
Tgt Ion:	97	Resp:	52073
Ion	Ratio	Lower	Upper
97	100		
83	89.7	66.9	100.3
85	57.4	41.1	61.7
99	61.6	46.6	69.8



#56
Ethyl methacrylate
Concen: 23.889 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

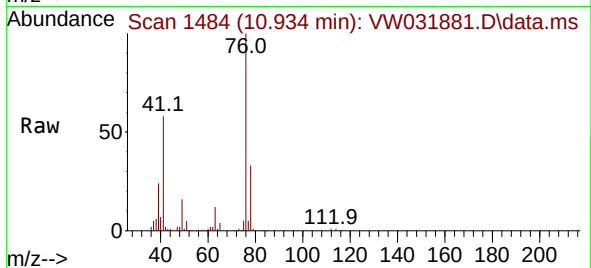
Tgt Ion:	69	Resp:	77726
Ion	Ratio	Lower	Upper
69	100		
41	67.1	53.3	79.9
39	34.1	30.2	45.2



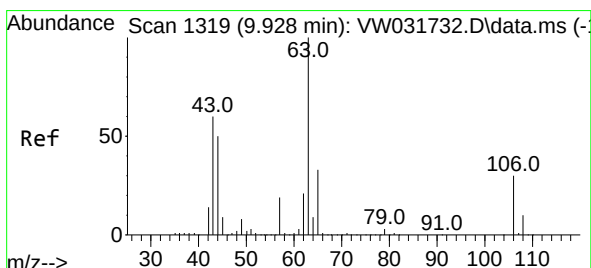
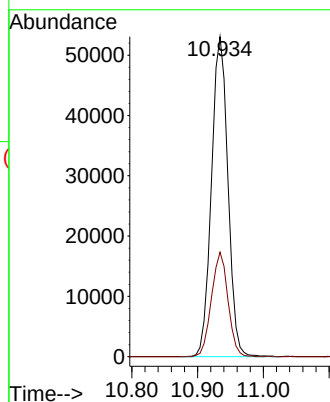
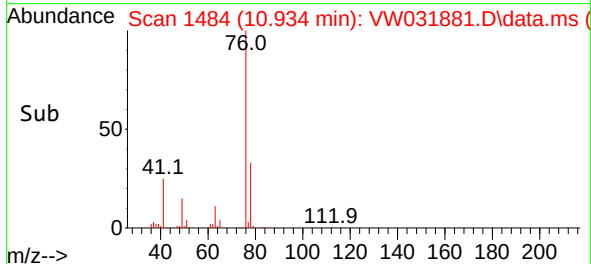


#57
1,3-Dichloropropane
Concen: 21.966 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

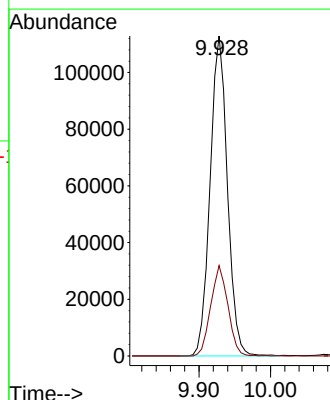
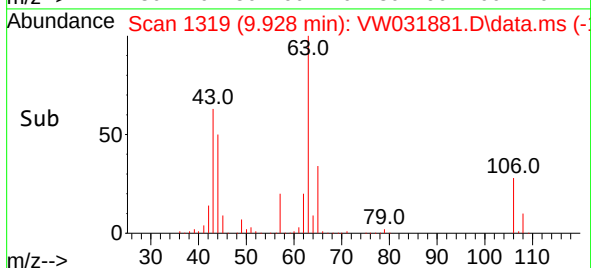
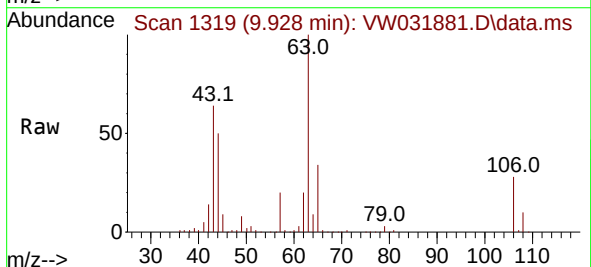


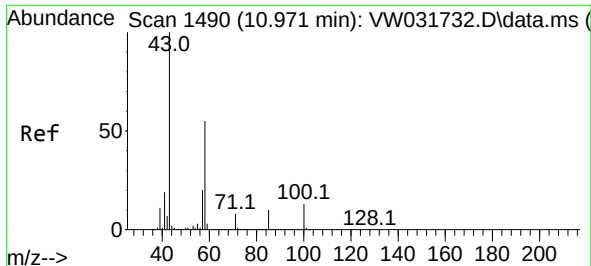
Tgt Ion: 76 Resp: 92493
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.943 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 63 Resp: 189810
Ion Ratio Lower Upper
63 100
106 28.0 24.1 36.1





#59

2-Hexanone

Concen: 117.434 ug/l

RT: 10.971 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

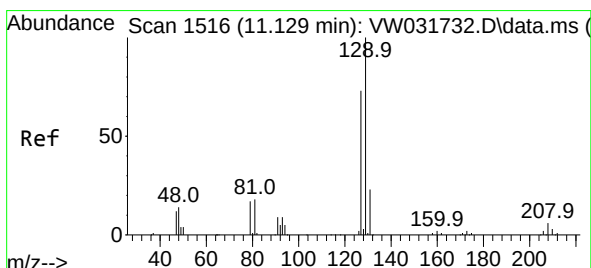
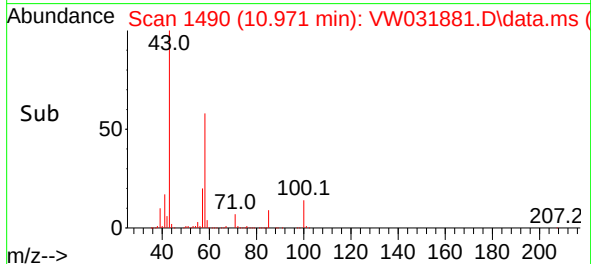
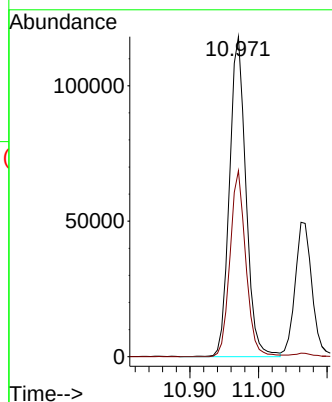
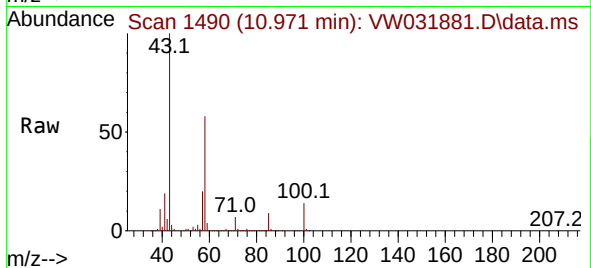
ClientSampleId :

Tgt Ion: 43 Resp: 197302

Ion Ratio Lower Upper

43 100

58 55.8 27.9 83.6



#60

Dibromochloromethane

Concen: 20.732 ug/l

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW031881.D

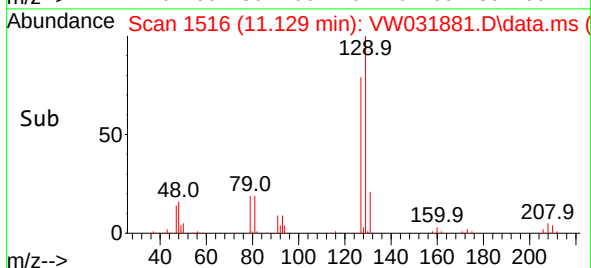
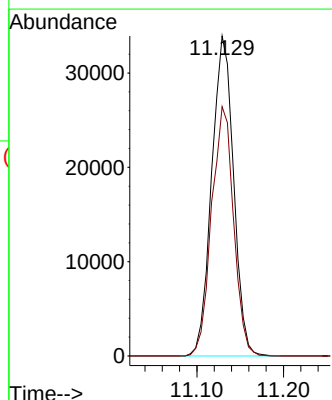
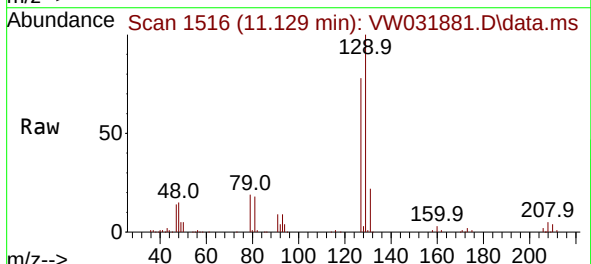
Acq: 17 Jul 2025 11:29

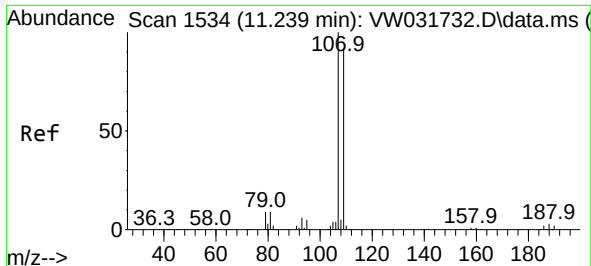
Tgt Ion:129 Resp: 59458

Ion Ratio Lower Upper

129 100

127 78.3 38.0 114.1

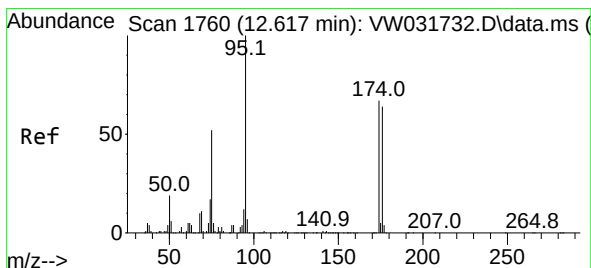
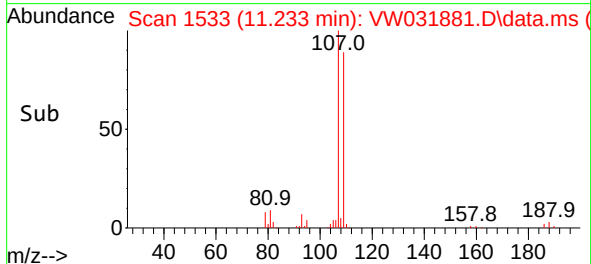
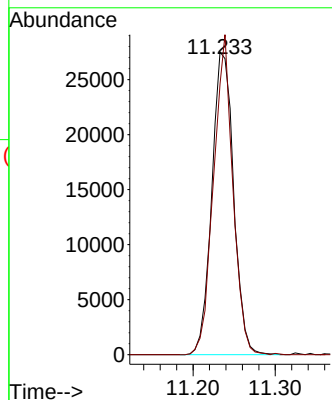
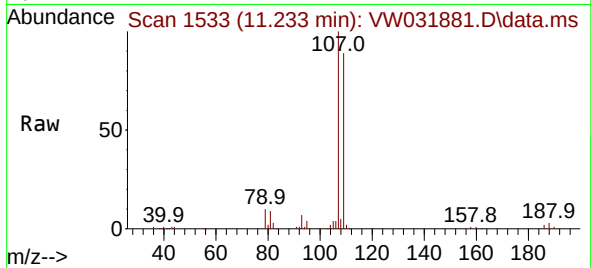




#61
1,2-Dibromoethane
Concen: 21.083 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

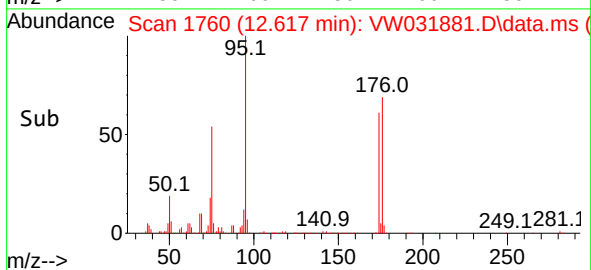
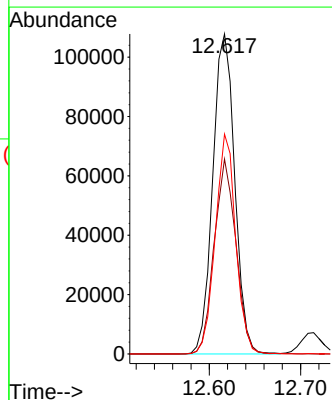
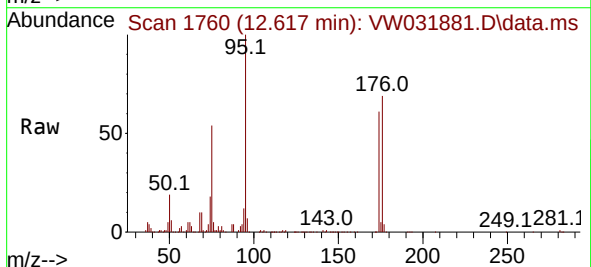
Instrument :
MSVOA_W
ClientSampleId :

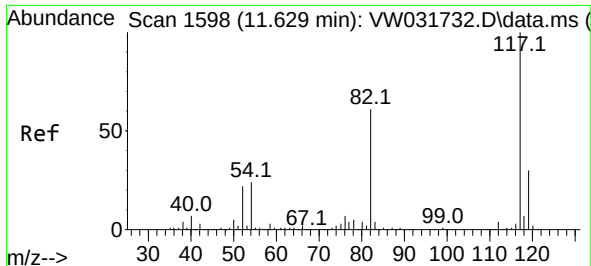
Tgt Ion:107 Resp: 50619
Ion Ratio Lower Upper
107 100
109 93.8 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 47.905 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

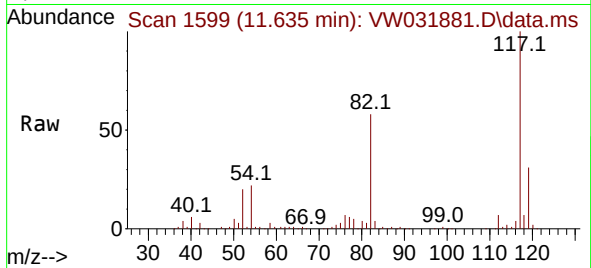
Tgt Ion: 95 Resp: 179807
Ion Ratio Lower Upper
95 100
174 60.4 0.0 133.8
176 64.0 0.0 126.0



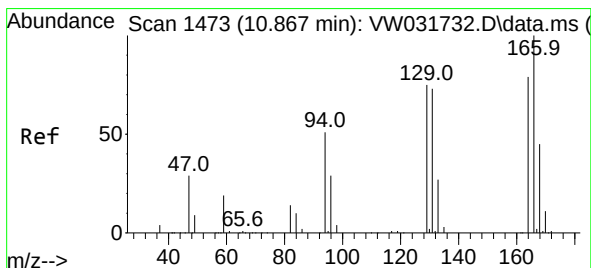
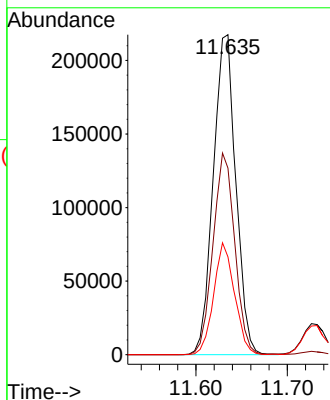
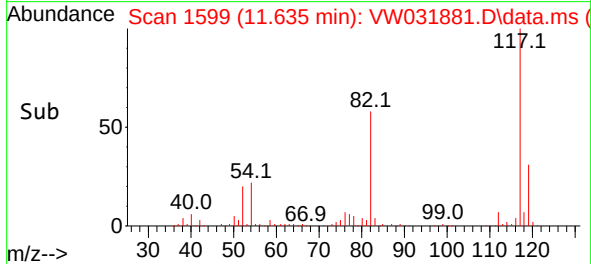


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

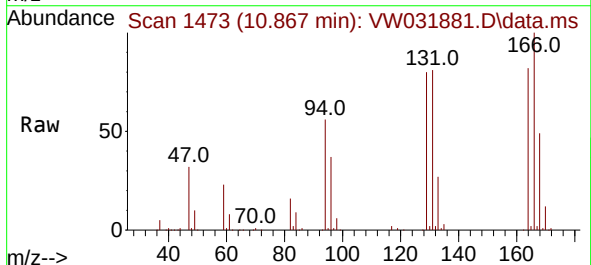
Instrument :
MSVOA_W
ClientSampleId :



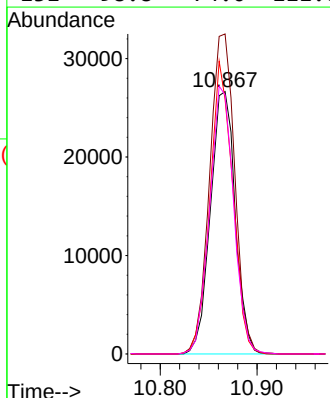
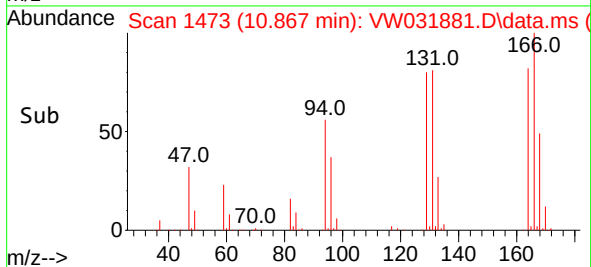
Tgt Ion:117 Resp: 373840
Ion Ratio Lower Upper
117 100
82 58.3 48.6 72.8
119 30.6 23.9 35.9

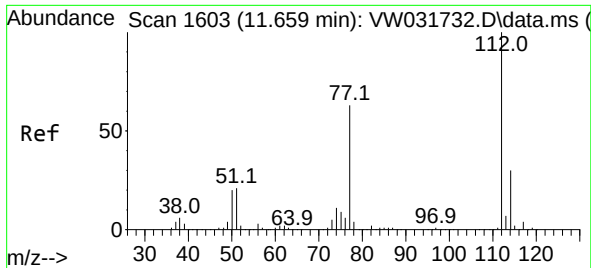


#64
Tetrachloroethene
Concen: 19.326 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29



Tgt Ion:164 Resp: 47259
Ion Ratio Lower Upper
164 100
166 122.0 100.7 151.1
129 97.1 75.4 113.0
131 98.8 74.0 111.0

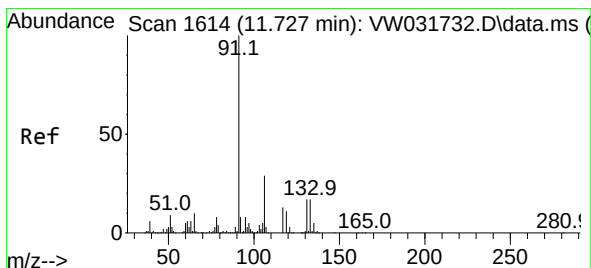
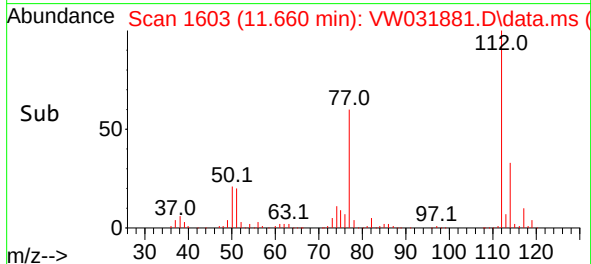
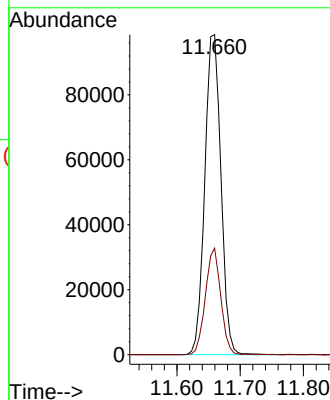
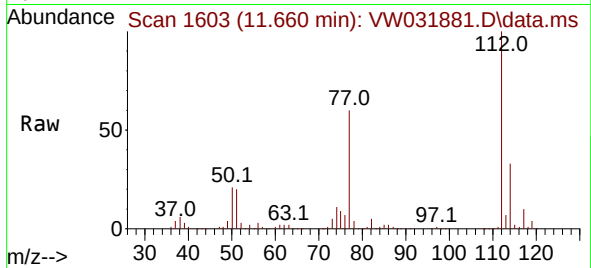




#65
Chlorobenzene
Concen: 21.228 ug/l
RT: 11.660 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

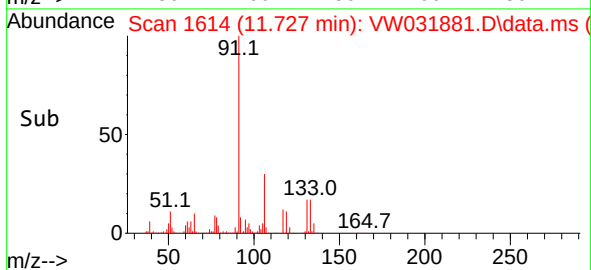
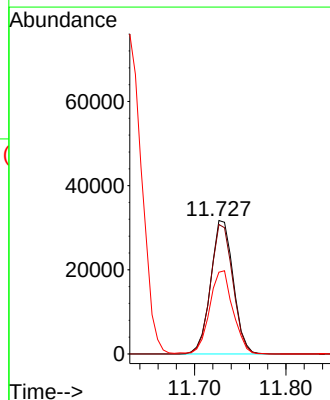
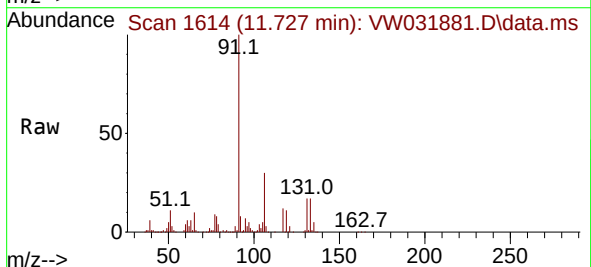
Instrument :
MSVOA_W
ClientSampleId :

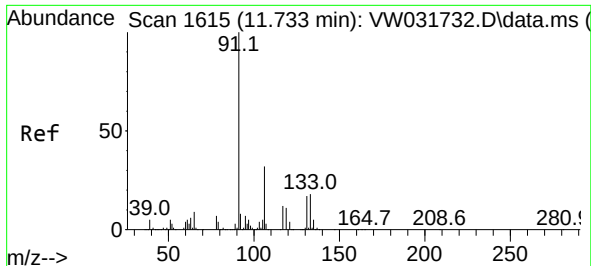
Tgt Ion:112 Resp: 175095
Ion Ratio Lower Upper
112 100
114 33.3 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.745 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion:131 Resp: 54528
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.6
119 64.4 32.5 97.5





#67

Ethyl Benzene

Concen: 21.364 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

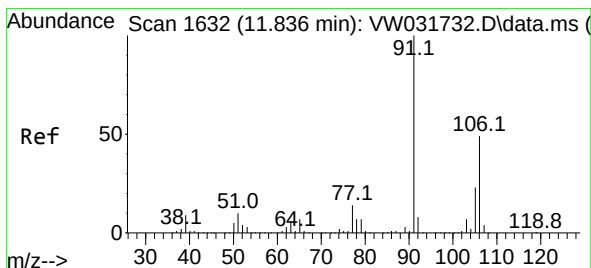
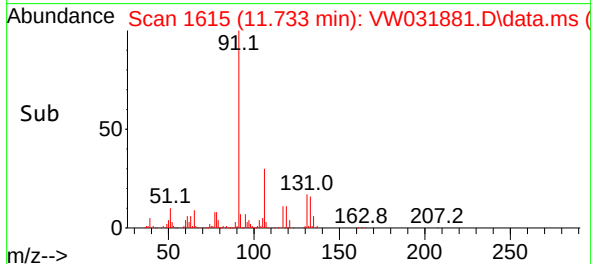
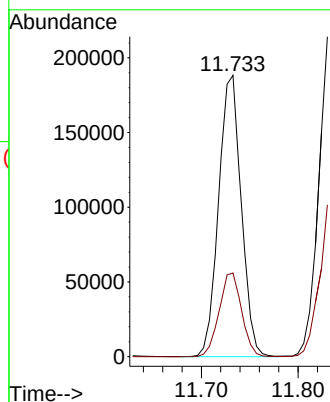
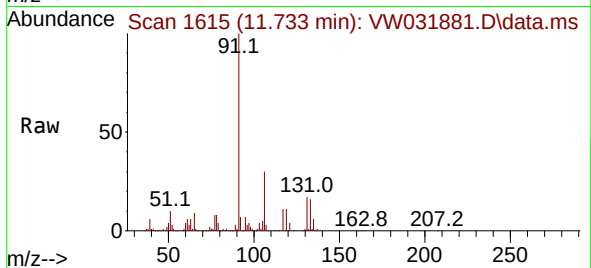
ClientSampleId :

Tgt Ion: 91 Resp: 305558

Ion Ratio Lower Upper

91 100

106 29.7 25.4 38.2



#68

m/p-Xylenes

Concen: 42.072 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031881.D

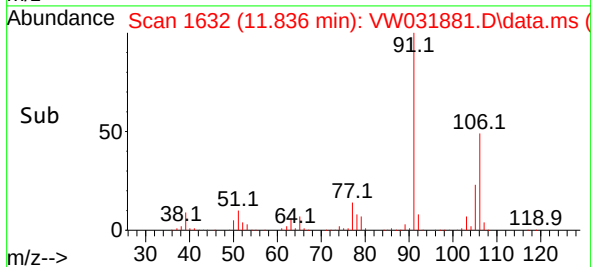
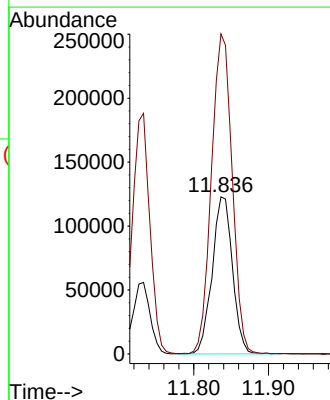
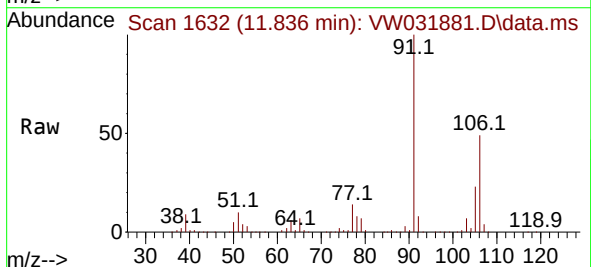
Acq: 17 Jul 2025 11:29

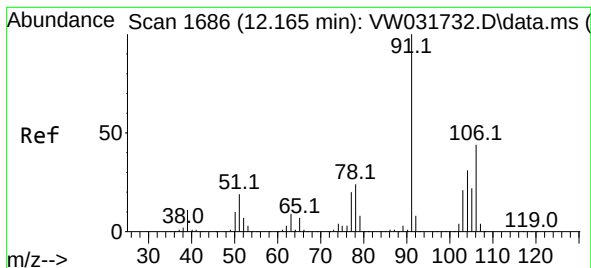
Tgt Ion:106 Resp: 231317

Ion Ratio Lower Upper

106 100

91 208.3 166.4 249.6

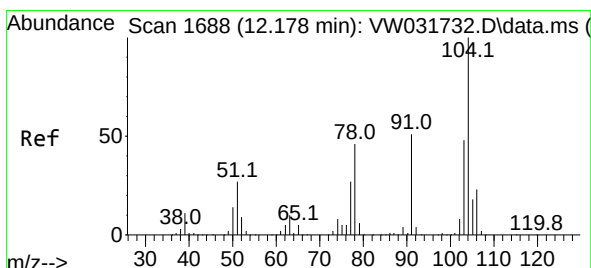
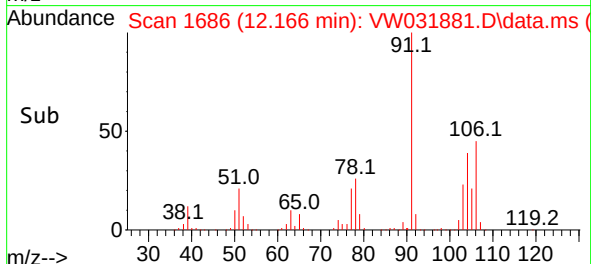
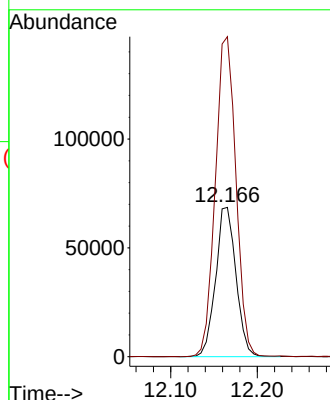
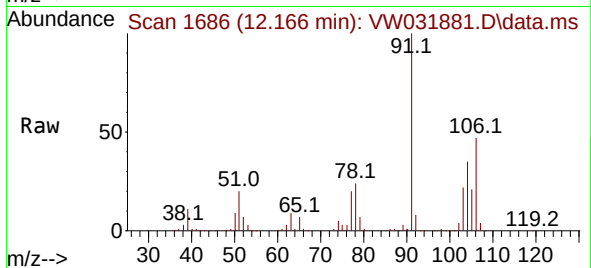




#69
o-Xylene
Concen: 21.982 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

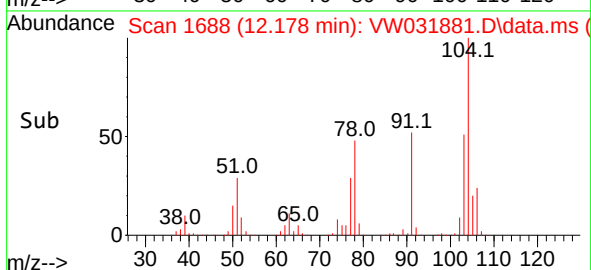
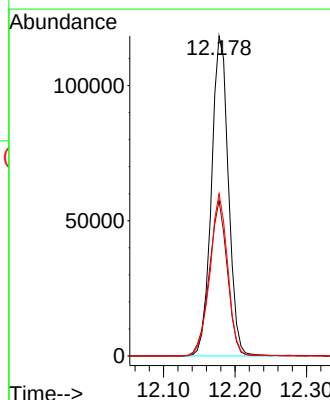
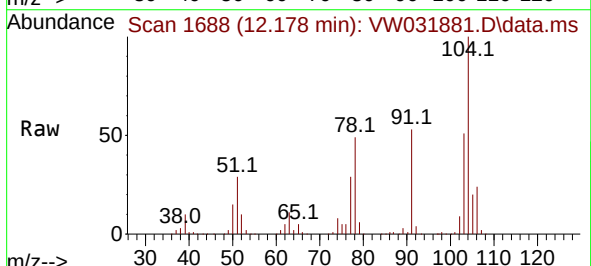
Instrument :
MSVOA_W
ClientSampleId :

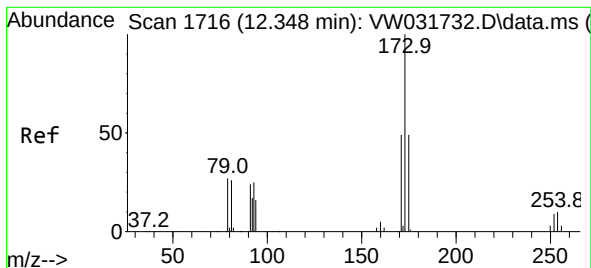
Tgt Ion:106 Resp: 111906
Ion Ratio Lower Upper
106 100
91 217.2 111.5 334.4



#70
Styrene
Concen: 22.157 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion:104 Resp: 195000
Ion Ratio Lower Upper
104 100
78 51.8 42.1 63.1
103 53.1 43.0 64.6





#71

Bromoform

Concen: 19.886 ug/l

RT: 12.348 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031881.D

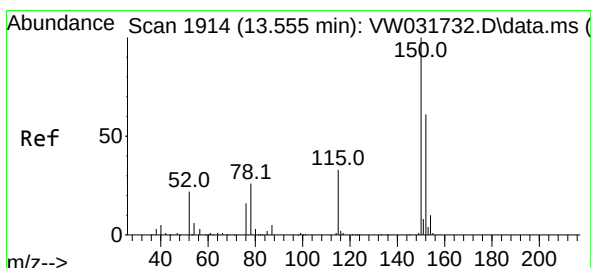
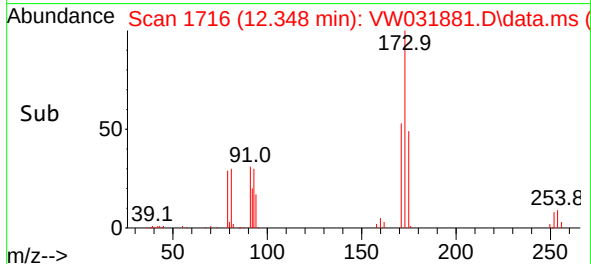
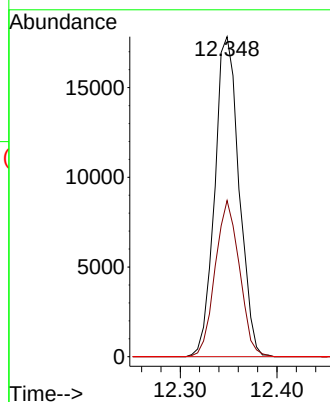
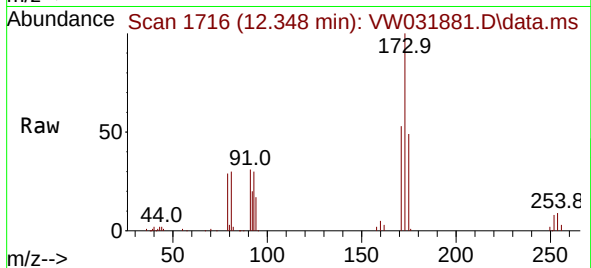
Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173 Resp: 31181
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.0 72.0
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

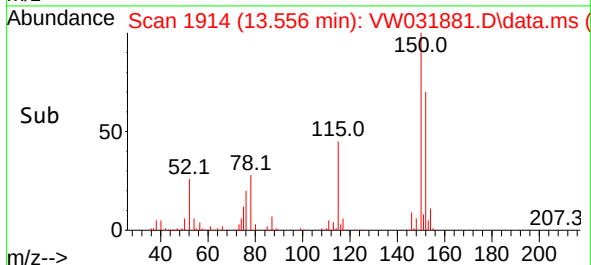
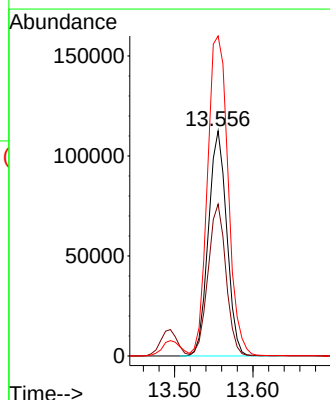
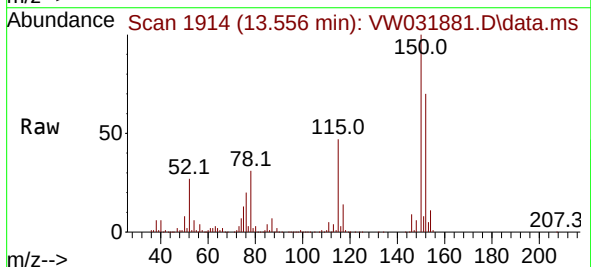
RT: 13.556 min Scan# 1914

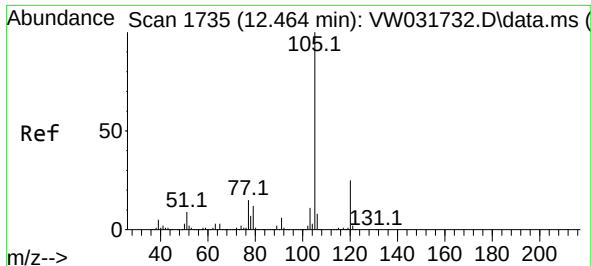
Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Tgt Ion:152 Resp: 182845
 Ion Ratio Lower Upper
 152 100
 115 65.8 31.9 95.7
 150 159.6 0.0 356.4

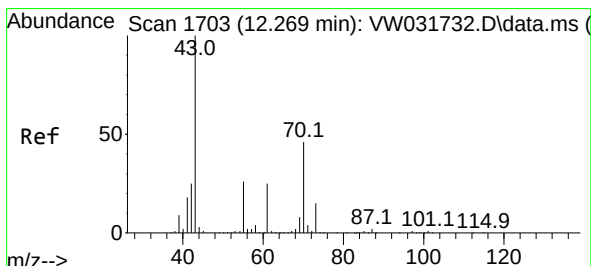
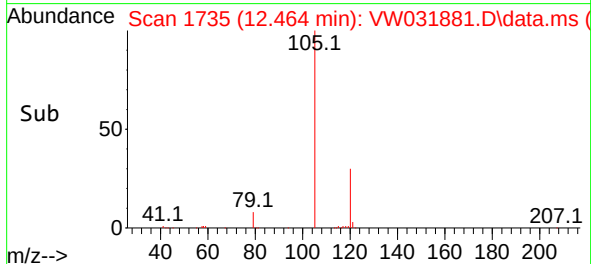
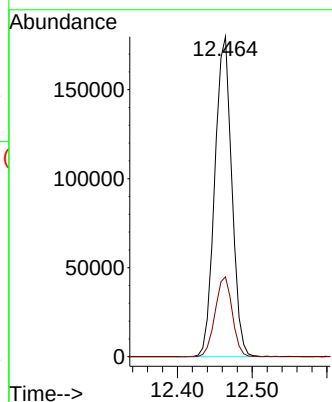
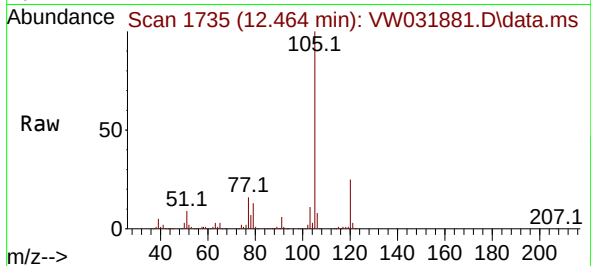




#73
Isopropylbenzene
Concen: 20.480 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

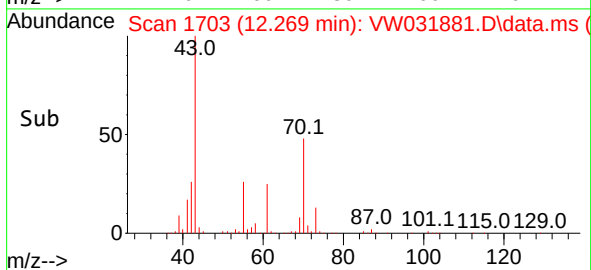
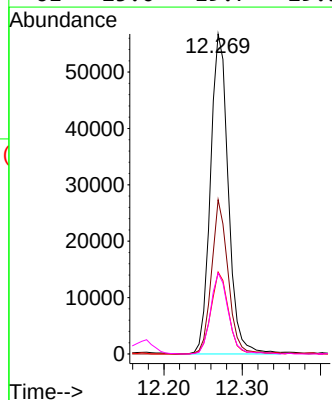
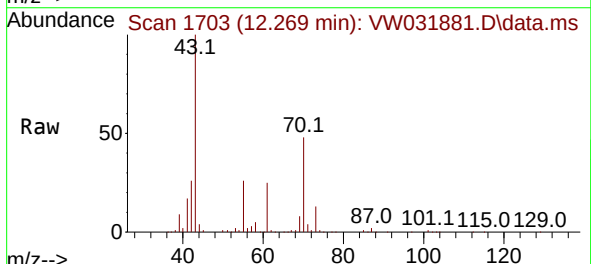
Instrument :
MSVOA_W
ClientSampleId :

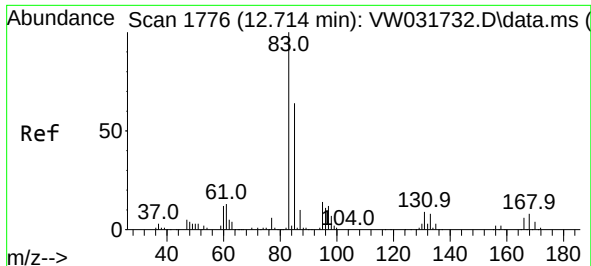
Tgt Ion:105 Resp: 284838
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#74
N-ethyl acetate
Concen: 23.976 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 43 Resp: 89878
Ion Ratio Lower Upper
43 100
70 44.5 36.0 54.0
55 25.4 20.8 31.2
61 25.0 19.7 29.5

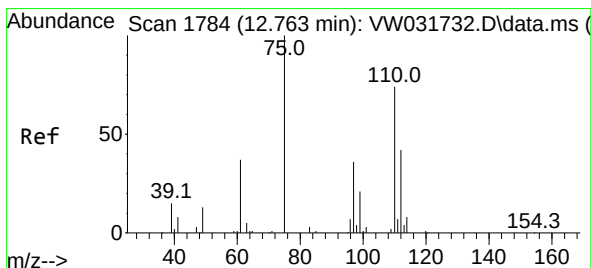
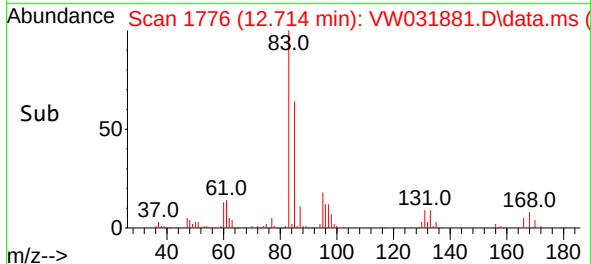
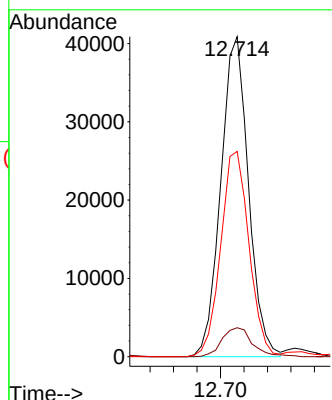
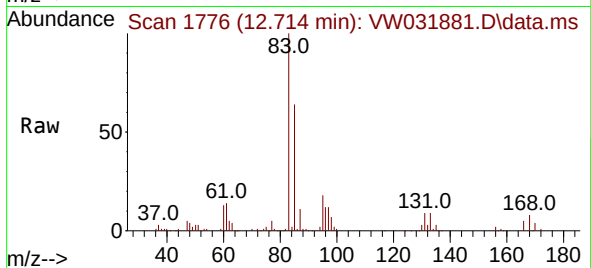




#75
1,1,2,2-Tetrachloroethane
Concen: 21.652 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

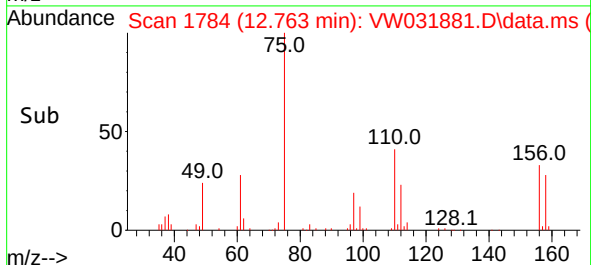
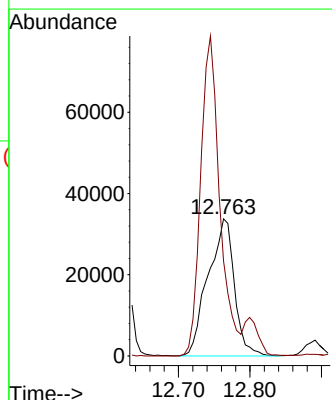
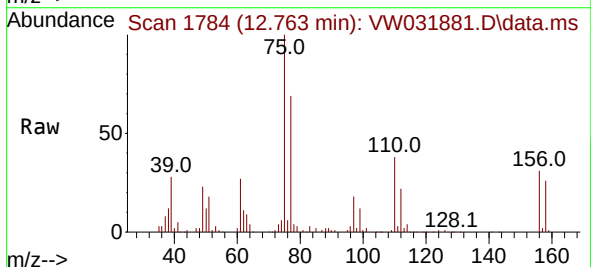
Instrument :
MSVOA_W
ClientSampleId :

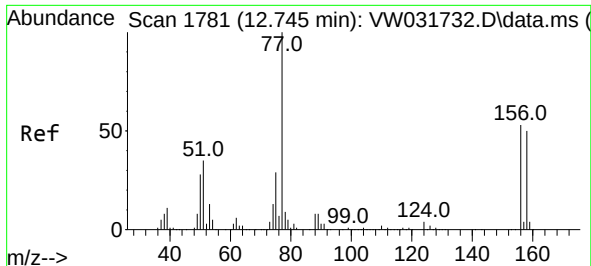
Tgt Ion: 83 Resp: 66855
Ion Ratio Lower Upper
83 100
131 10.0 5.3 16.1
85 65.6 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 36.429 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 75 Resp: 86077
Ion Ratio Lower Upper
75 100
77 170.7 141.2 423.6

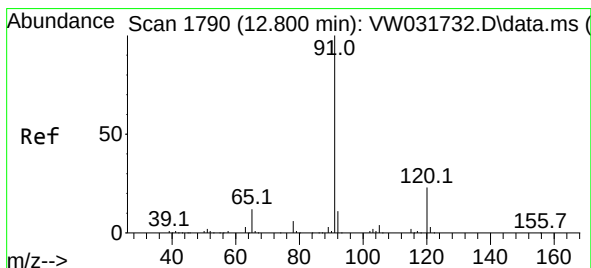
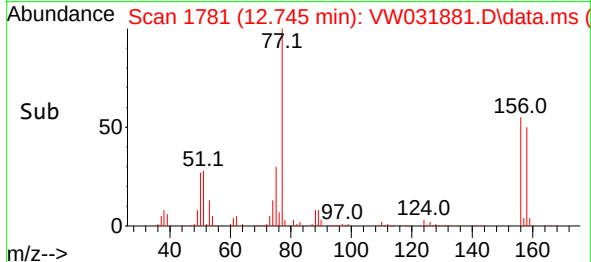
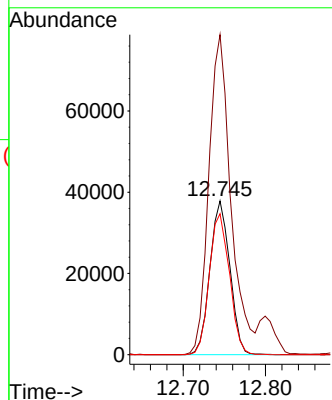
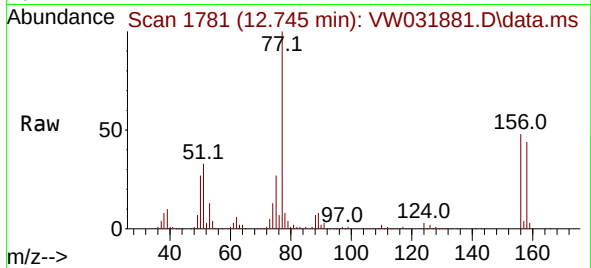




#77
Bromobenzene
Concen: 20.611 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

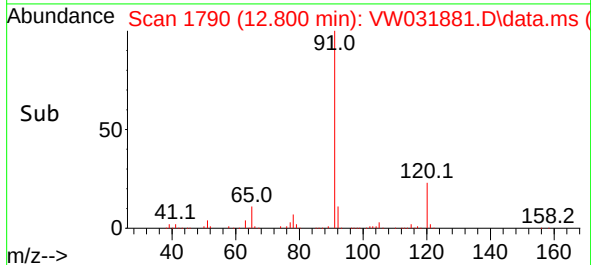
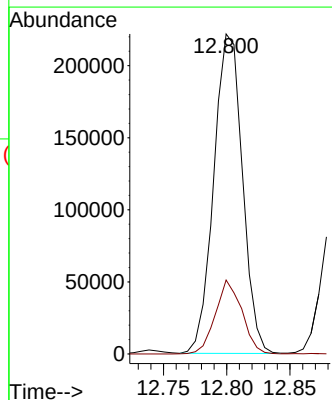
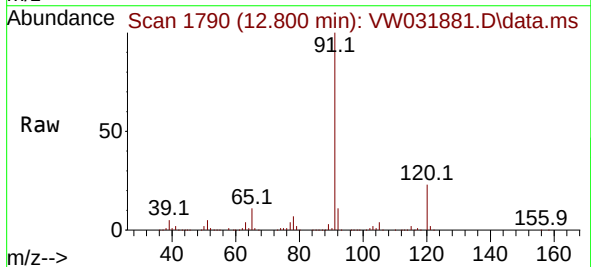
Instrument :
MSVOA_W
ClientSampleId :

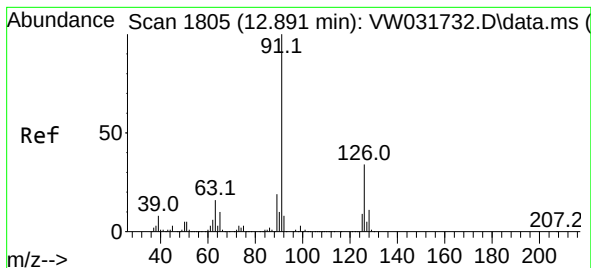
Tgt Ion:156 Resp: 63936
Ion Ratio Lower Upper
156 100
77 229.8 117.9 353.7
158 92.9 52.6 157.8



#78
n-propylbenzene
Concen: 20.947 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 91 Resp: 348861
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

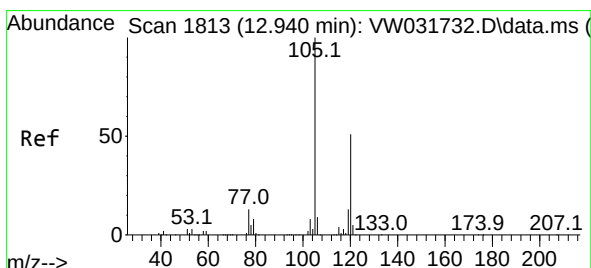
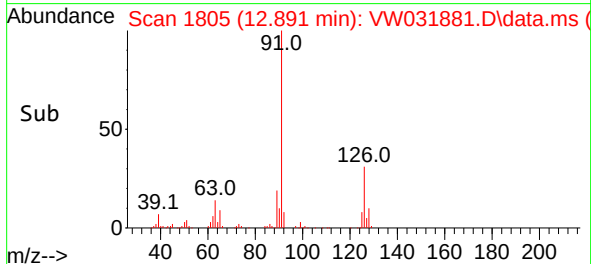
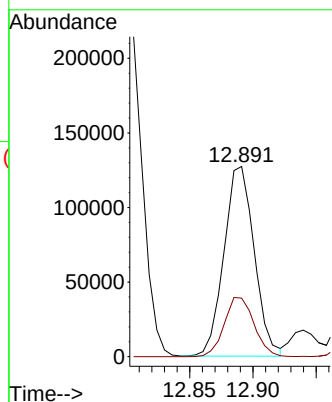
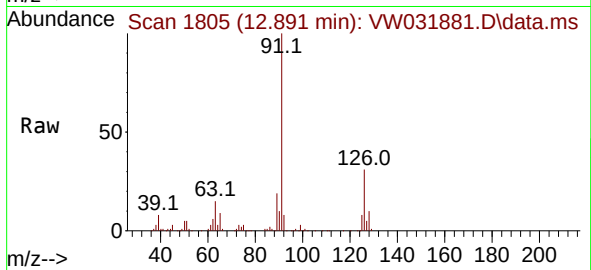




#79
2-Chlorotoluene
Concen: 21.159 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

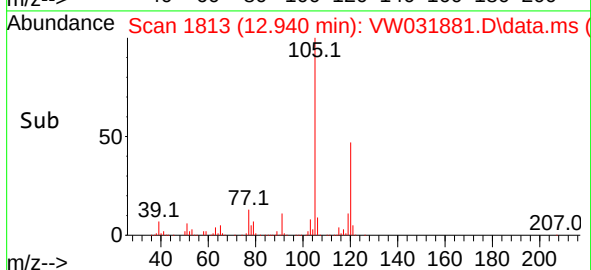
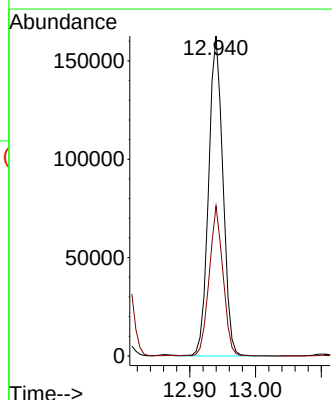
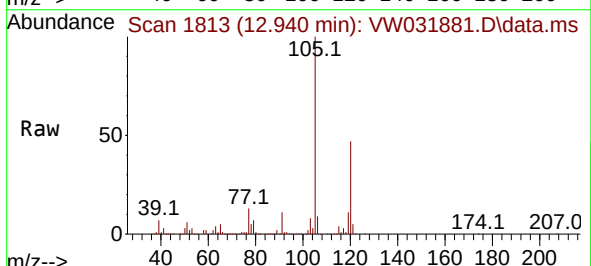
Instrument :
MSVOA_W
ClientSampleId :

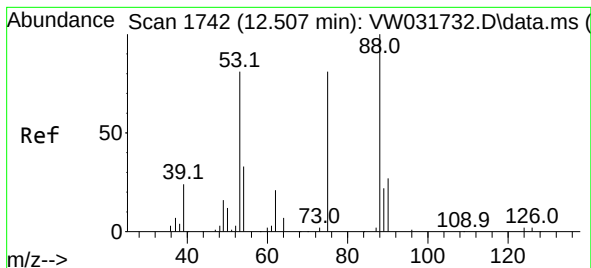
Tgt Ion: 91 Resp: 212204
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 21.396 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 105 Resp: 246326
Ion Ratio Lower Upper
105 100
120 45.2 23.8 71.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.901 ug/l

RT: 12.513 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

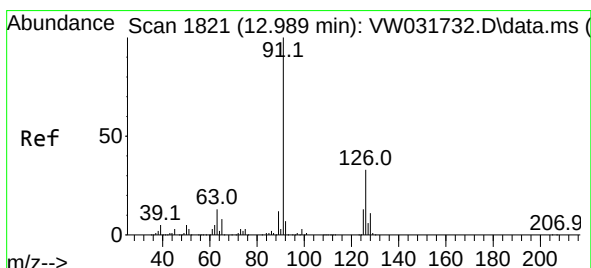
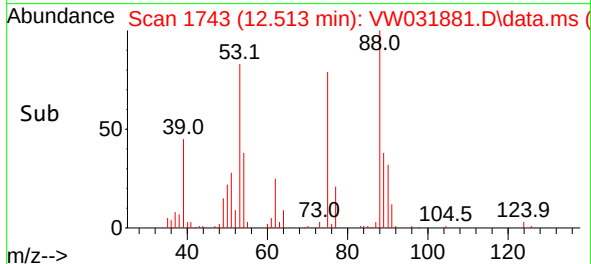
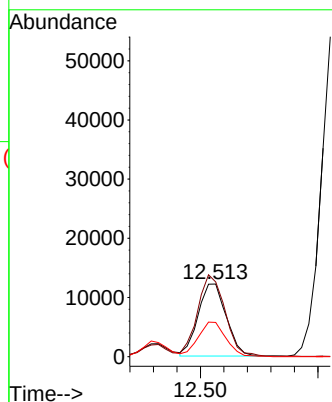
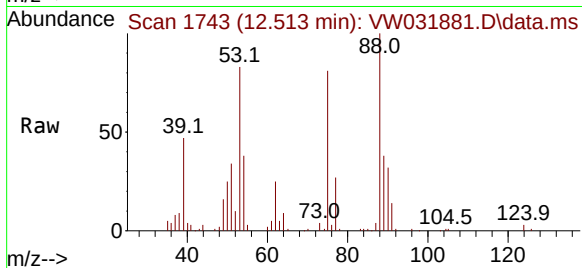
Tgt Ion: 75 Resp: 20189

Ion Ratio Lower Upper

75 100

53 111.0 83.5 125.3

89 47.6 38.3 57.5



#82

4-Chlorotoluene

Concen: 21.148 ug/l

RT: 12.989 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VW031881.D

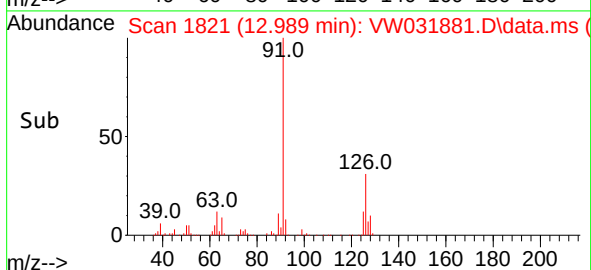
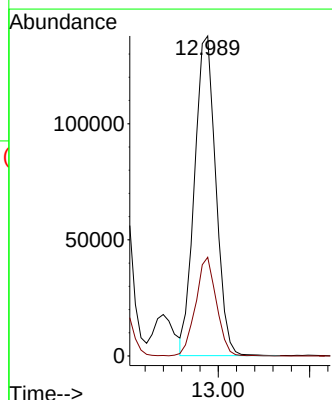
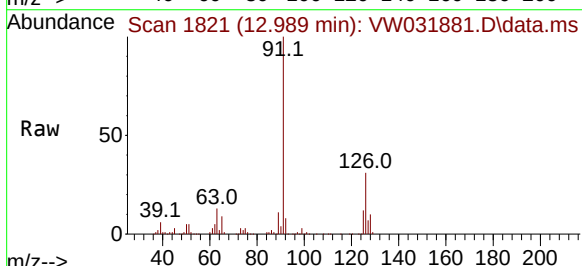
Acq: 17 Jul 2025 11:29

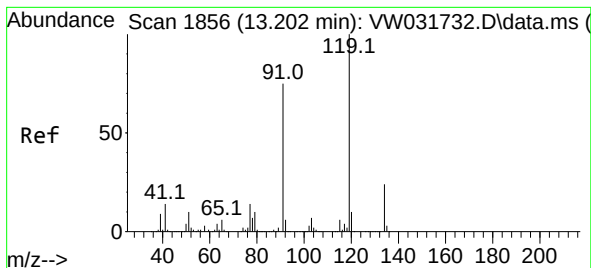
Tgt Ion: 91 Resp: 222679

Ion Ratio Lower Upper

91 100

126 30.2 16.0 47.9





#83

tert-Butylbenzene

Concen: 20.614 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

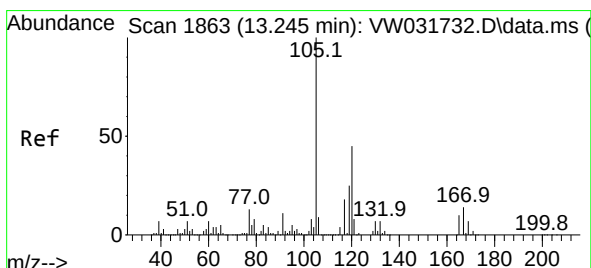
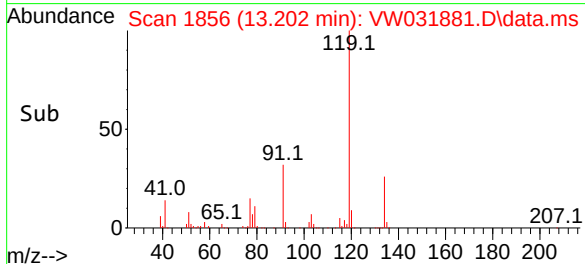
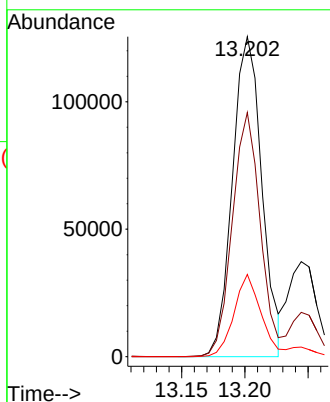
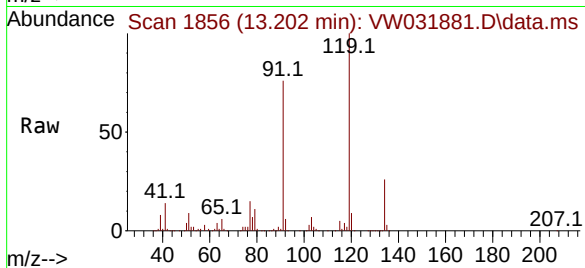
Tgt Ion:119 Resp: 203284

Ion Ratio Lower Upper

119 100

91 72.1 36.0 108.1

134 23.8 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 20.831 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031881.D

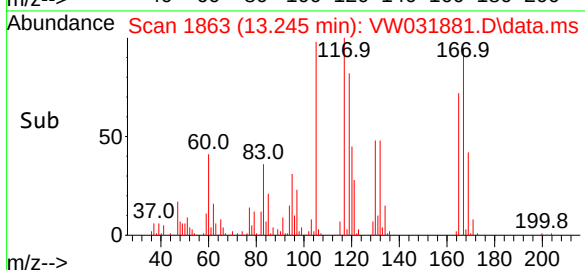
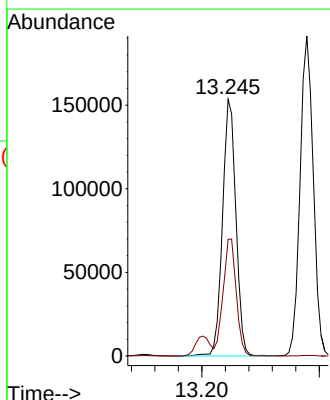
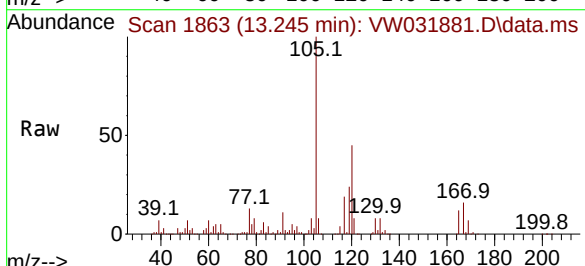
Acq: 17 Jul 2025 11:29

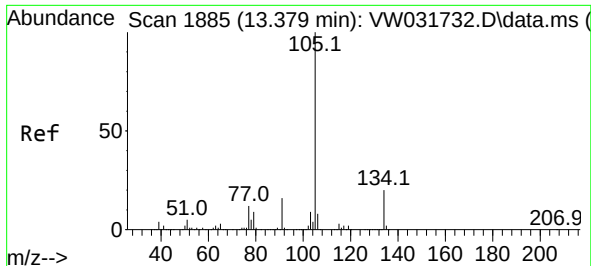
Tgt Ion:105 Resp: 242982

Ion Ratio Lower Upper

105 100

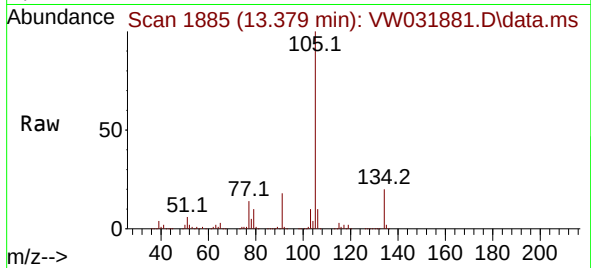
120 44.8 22.1 66.1



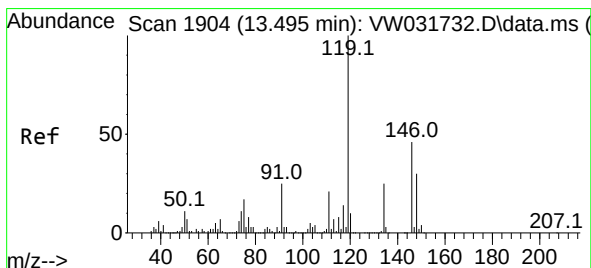
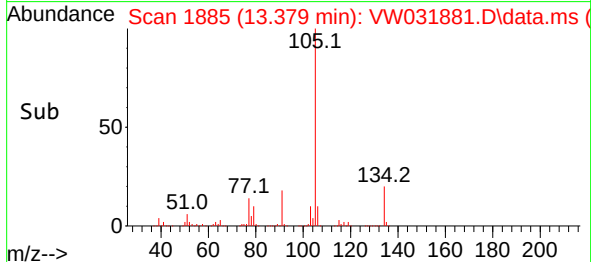
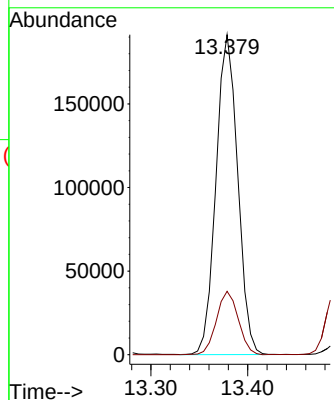


#85
 sec-Butylbenzene
 Concen: 20.077 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Instrument :
 MSVOA_W
 ClientSampleId :

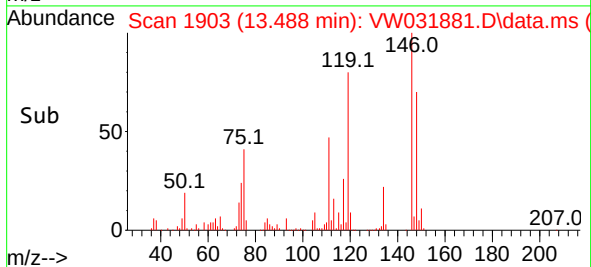
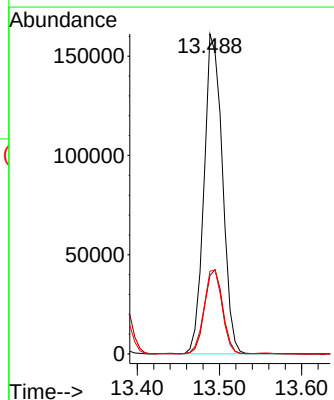
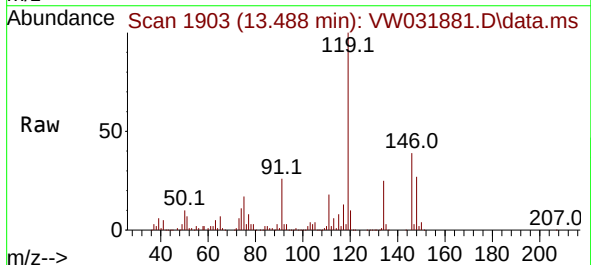


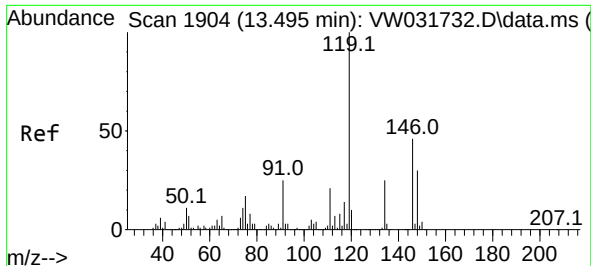
Tgt Ion:105 Resp: 297175
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 20.407 ug/l
 RT: 13.488 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW031881.D
 Acq: 17 Jul 2025 11:29

Tgt Ion:119 Resp: 248936
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 26.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.223 ug/l

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

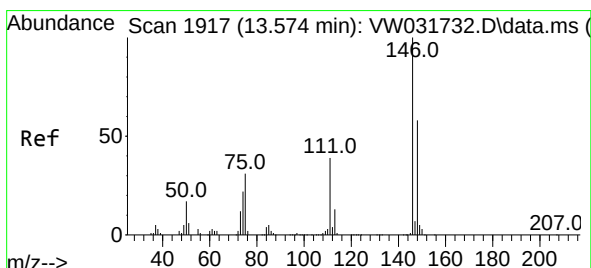
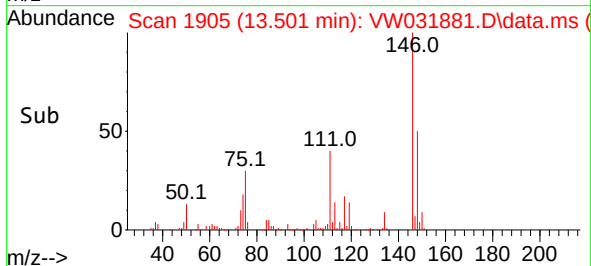
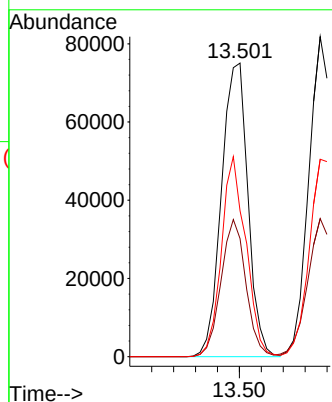
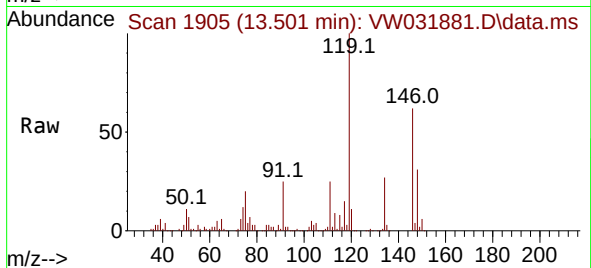
Tgt Ion:146 Resp: 125807

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.9

148 62.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.549 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

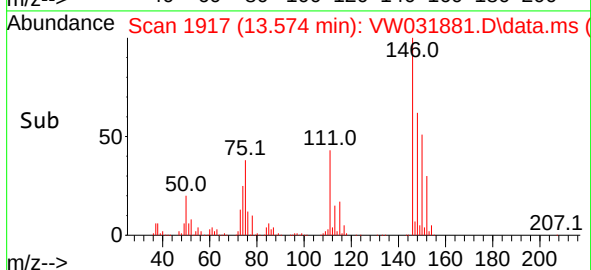
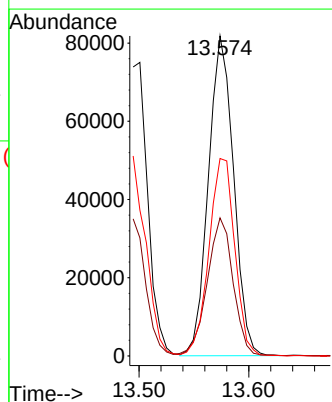
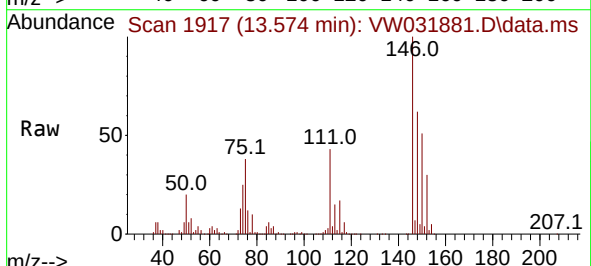
Tgt Ion:146 Resp: 130840

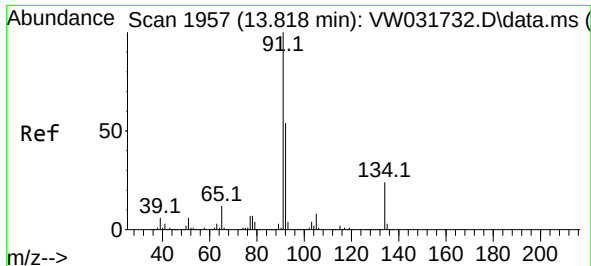
Ion Ratio Lower Upper

146 100

111 44.3 20.4 61.3

148 63.4 30.2 90.6

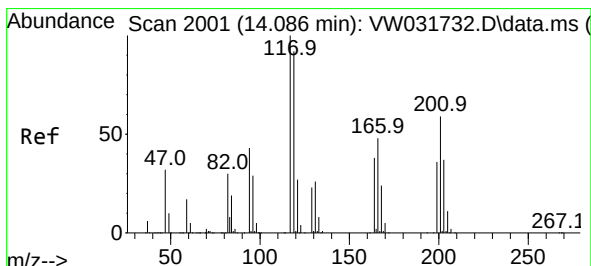
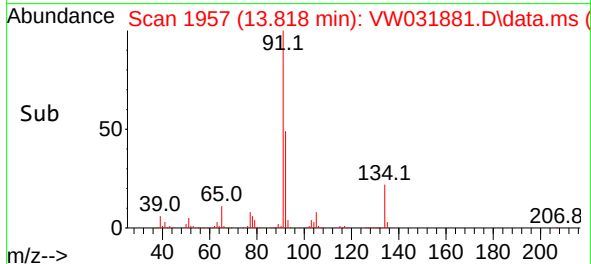
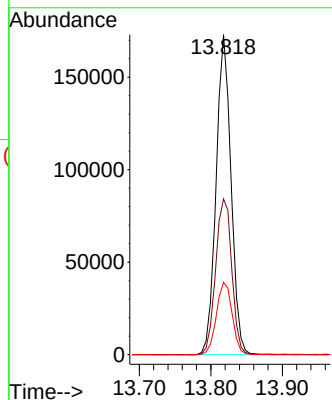
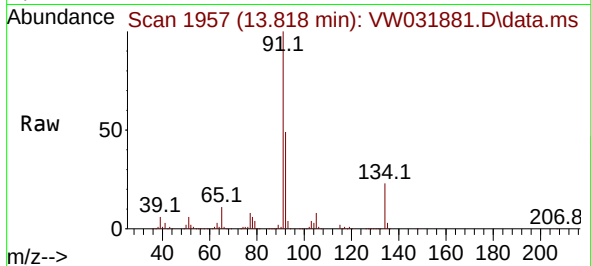




#89
n-Butylbenzene
Concen: 21.149 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

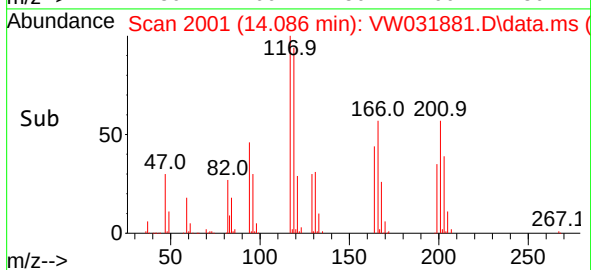
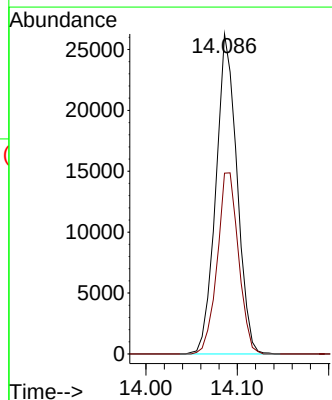
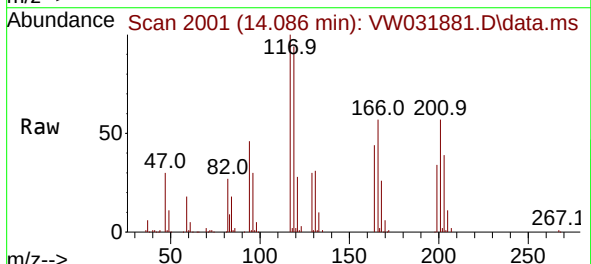
Instrument :
MSVOA_W
ClientSampleId :

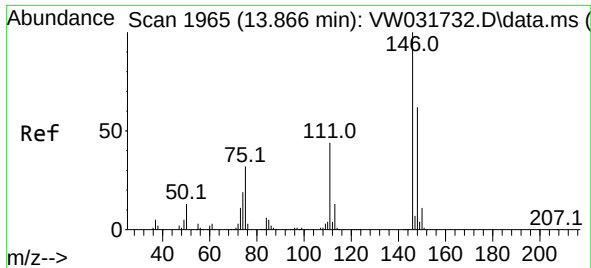
Tgt Ion: 91 Resp: 250668
Ion Ratio Lower Upper
91 100
92 52.7 27.2 81.5
134 23.9 12.2 36.6



#90
Hexachloroethane
Concen: 19.123 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 117 Resp: 42085
Ion Ratio Lower Upper
117 100
201 57.1 31.1 93.3

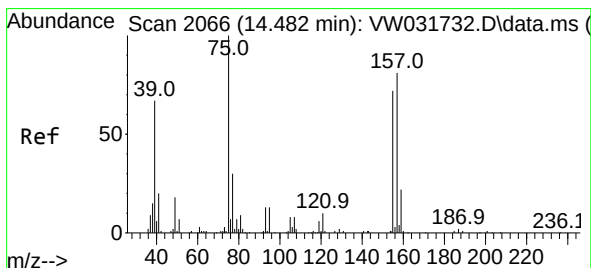
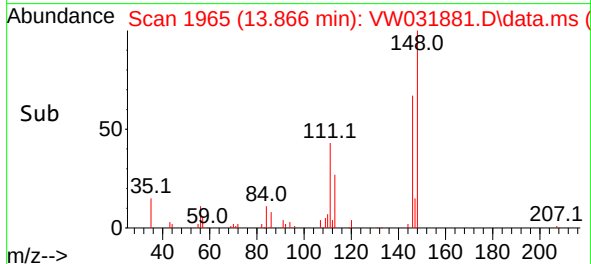
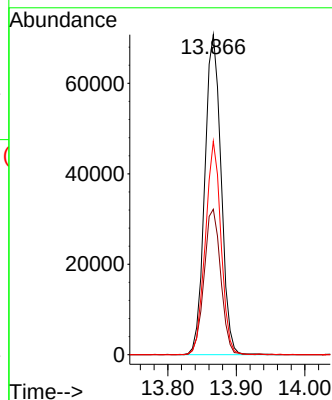
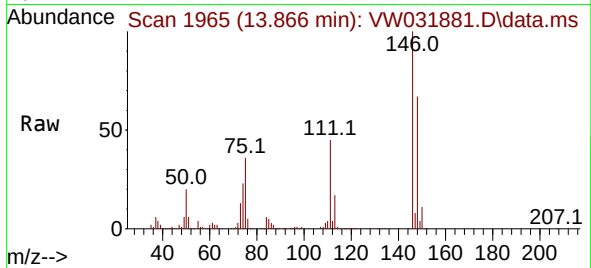




#91
1,2-Dichlorobenzene
Concen: 20.607 ug/l
RT: 13.866 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

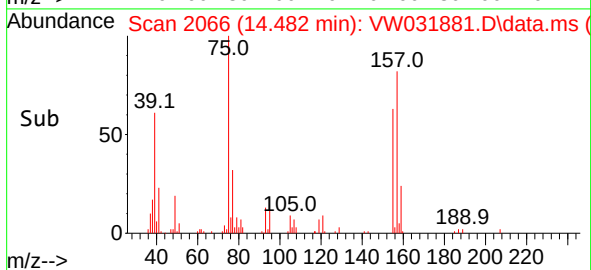
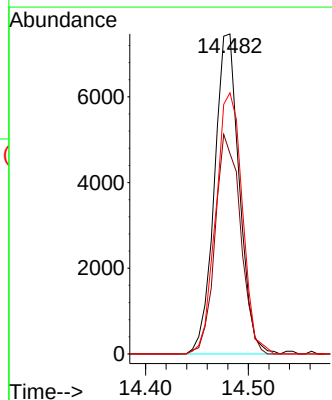
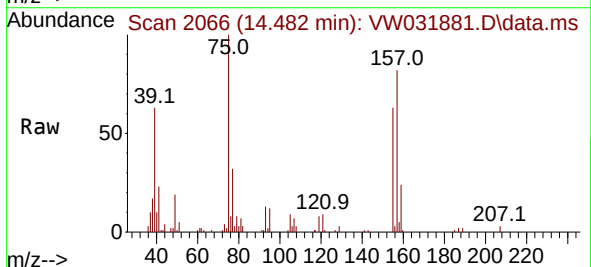
Instrument :
MSVOA_W
ClientSampleId :

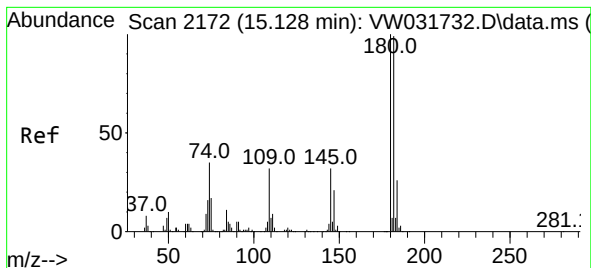
Tgt Ion:146 Resp: 117167
Ion Ratio Lower Upper
146 100
111 46.4 21.7 65.1
148 64.0 29.8 89.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.867 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031881.D
Acq: 17 Jul 2025 11:29

Tgt Ion: 75 Resp: 12581
Ion Ratio Lower Upper
75 100
155 70.0 37.2 111.6
157 86.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.714 ug/l

RT: 15.122 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

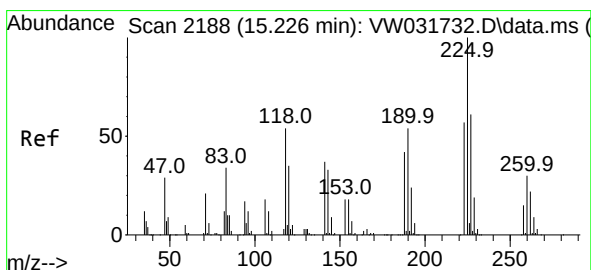
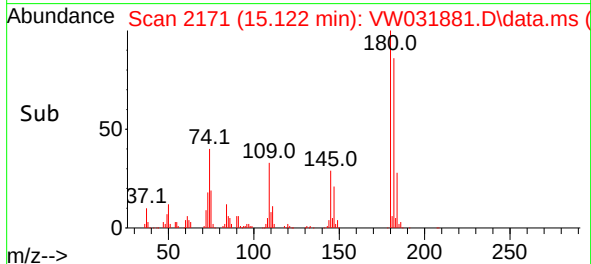
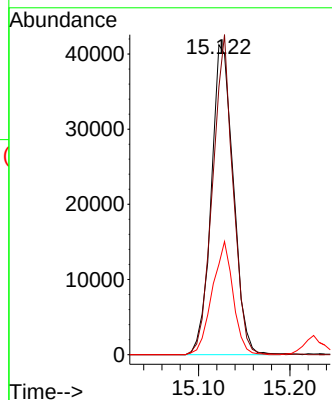
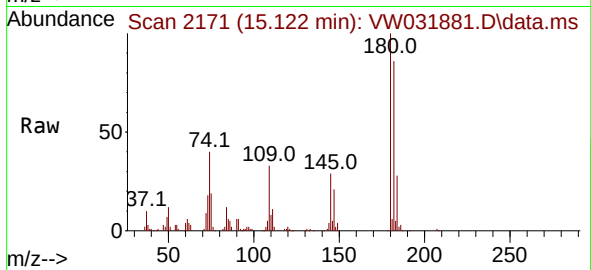
Tgt Ion:180 Resp: 69130

Ion Ratio Lower Upper

180 100

182 94.9 48.6 145.9

145 34.5 17.3 51.7



#94

Hexachlorobutadiene

Concen: 17.254 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

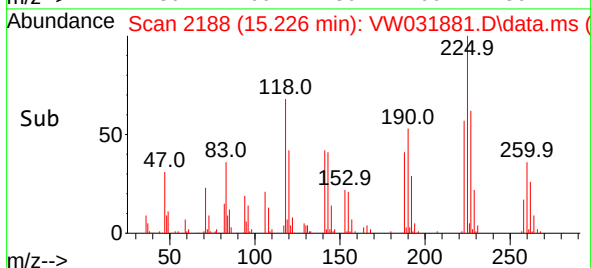
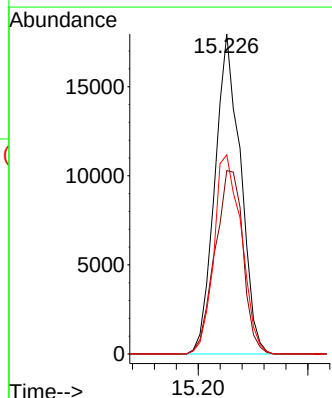
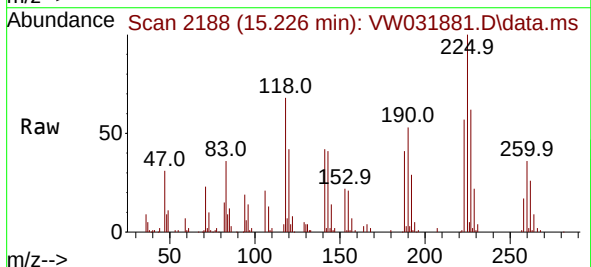
Tgt Ion:225 Resp: 29216

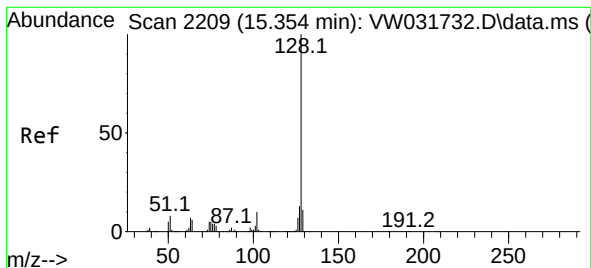
Ion Ratio Lower Upper

225 100

223 62.6 32.6 97.8

227 66.7 37.3 111.8





#95

Naphthalene

Concen: 22.684 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

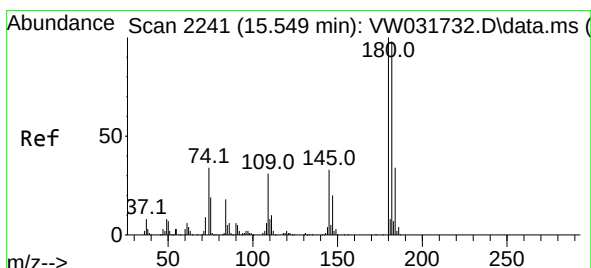
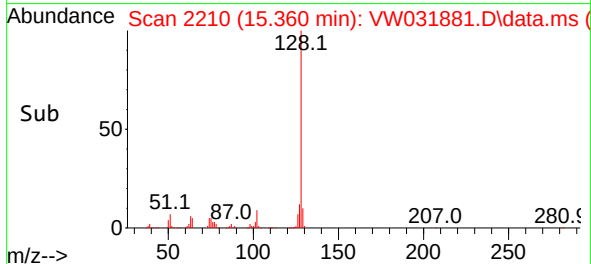
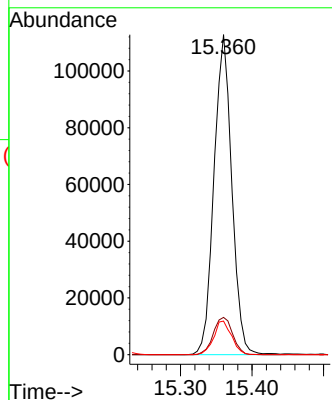
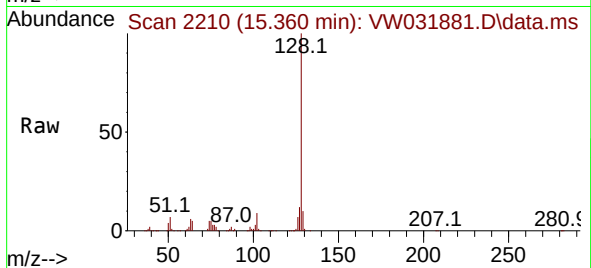
Tgt Ion:128 Resp: 195008

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.992 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031881.D

Acq: 17 Jul 2025 11:29

Tgt Ion:180 Resp: 64414

Ion Ratio Lower Upper

180 100

182 94.6 46.4 139.1

145 38.5 17.8 53.3

