

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031948.D
 Acq On : 28 Jul 2025 16:09
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 29 01:22:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	202112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	368729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	158135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	150163	49.114	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	98.220%
35) Dibromofluoromethane	7.904	113	127437	50.862	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.720%
50) Toluene-d8	10.331	98	476913	50.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.617	95	184032	50.542	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	101.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	74849	49.828	ug/l	99
3) Chloromethane	2.259	50	99087	51.393	ug/l	99
4) Vinyl Chloride	2.405	62	128983	51.500	ug/l	98
5) Bromomethane	2.826	94	94045	50.993	ug/l	95
6) Chloroethane	2.972	64	85782	51.895	ug/l	98
7) Trichlorofluoromethane	3.302	101	125672	49.542	ug/l	96
8) Diethyl Ether	3.722	74	85113	50.229	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	127794	52.376	ug/l	98
10) Methyl Iodide	4.320	142	181988	49.886	ug/l	98
11) Tert butyl alcohol	5.228	59	56840	316.270	ug/l	98
12) 1,1-Dichloroethene	4.082	96	137200	50.910	ug/l	98
13) Acrolein	3.929	56	31561	121.879	ug/l	98
14) Allyl chloride	4.710	41	206004	49.103	ug/l	99
15) Acrylonitrile	5.405	53	216953	286.380	ug/l	99
16) Acetone	4.161	43	177690	244.915	ug/l	98
17) Carbon Disulfide	4.423	76	346459	49.569	ug/l	98
18) Methyl Acetate	4.710	43	127151	63.612	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	255891	54.954	ug/l	98
20) Methylene Chloride	4.960	84	156350	50.427	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	150154	52.513	ug/l	94
22) Diisopropyl ether	6.344	45	445460	53.064	ug/l	100
23) Vinyl Acetate	6.283	43	1500605	273.611	ug/l	99
24) 1,1-Dichloroethane	6.246	63	277606	53.113	ug/l	99
25) 2-Butanone	7.197	43	289598	291.737	ug/l	99
26) 2,2-Dichloropropane	7.191	77	142081	48.016	ug/l	97
27) cis-1,2-Dichloroethene	7.197	96	183650	54.632	ug/l	99
28) Bromochloromethane	7.532	49	115789	52.911	ug/l	100
29) Tetrahydrofuran	7.557	42	198959	305.704	ug/l	99
30) Chloroform	7.697	83	297052	54.205	ug/l	98
31) Cyclohexane	7.971	56	232569	49.598	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	220817	52.952	ug/l	97
36) 1,1-Dichloropropene	8.093	75	208286	54.131	ug/l	99
37) Ethyl Acetate	7.276	43	127206	57.952	ug/l	99
38) Carbon Tetrachloride	8.081	117	200438	54.278	ug/l	94
39) Methylcyclohexane	9.343	83	266386	55.011	ug/l	98
40) Benzene	8.337	78	623185	54.712	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	77168	58.728	ug/l	97
42) 1,2-Dichloroethane	8.416	62	200896	55.109	ug/l	99
43) Isopropyl Acetate	8.441	43	229259	57.693	ug/l	99
44) Trichloroethene	9.099	130	147857	54.612	ug/l	92
45) 1,2-Dichloropropane	9.380	63	149950	54.663	ug/l	97
46) Dibromomethane	9.471	93	94655	55.664	ug/l	99
47) Bromodichloromethane	9.654	83	226334	55.507	ug/l	100
48) Methyl methacrylate	9.447	41	112921	59.730	ug/l	99
49) 1,4-Dioxane	9.465	88	26174	1542.561	ug/l	90
51) 4-Methyl-2-Pentanone	10.215	43	665407	305.975	ug/l	100
52) Toluene	10.392	92	403429	55.097	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	217336	55.564	ug/l	100
54) cis-1,3-Dichloropropene	10.081	75	245347	54.926	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	131100	58.040	ug/l	96
56) Ethyl methacrylate	10.648	69	189896	59.527	ug/l	98
57) 1,3-Dichloropropane	10.934	76	226860	57.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	480787	293.413	ug/l	98
59) 2-Hexanone	10.971	43	466859	308.844	ug/l	99
60) Dibromochloromethane	11.129	129	145493	55.246	ug/l	97
61) 1,2-Dibromoethane	11.239	107	127924	57.315	ug/l	98
64) Tetrachloroethene	10.867	164	119658	54.236	ug/l	92
65) Chlorobenzene	11.660	112	436093	53.248	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	139513	54.949	ug/l	97
67) Ethyl Benzene	11.733	91	760722	52.866	ug/l	95
68) m/p-Xylenes	11.837	106	588605	108.658	ug/l	97
69) o-Xylene	12.166	106	278415	54.309	ug/l	100
70) Styrene	12.178	104	490794	56.230	ug/l	99
71) Bromoform	12.349	173	80220	57.772	ug/l #	98
73) Isopropylbenzene	12.465	105	713643	52.012	ug/l	99
74) N-amyl acetate	12.269	43	209227	56.405	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	165097	56.687	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	204857	93.829	ug/l #	100
77) Bromobenzene	12.751	156	161175	54.291	ug/l	92
78) n-propylbenzene	12.800	91	879900	52.214	ug/l	100
79) 2-Chlorotoluene	12.891	91	518522	51.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	589727	51.247	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	52849	55.885	ug/l	97
82) 4-Chlorotoluene	12.989	91	549614	52.070	ug/l	98
83) tert-Butylbenzene	13.202	119	521978	53.252	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	607142	52.127	ug/l	98
85) sec-Butylbenzene	13.379	105	758192	51.507	ug/l	98
86) p-Isopropyltoluene	13.495	119	644920	53.006	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	309988	50.162	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	307290	50.761	ug/l	99
89) n-Butylbenzene	13.818	91	637777	53.435	ug/l	99
90) Hexachloroethane	14.092	117	110737	52.634	ug/l	94
91) 1,2-Dichlorobenzene	13.867	146	292925	53.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	30246	57.483	ug/l	95
93) 1,2,4-Trichlorobenzene	15.129	180	177070	53.611	ug/l	93
94) Hexachlorobutadiene	15.232	225	79229	50.623	ug/l	93
95) Naphthalene	15.360	128	469318	57.796	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	156227	52.206	ug/l	94

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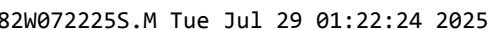
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MSVOA_W
ClientSampleId :
VSTDCCC050EC

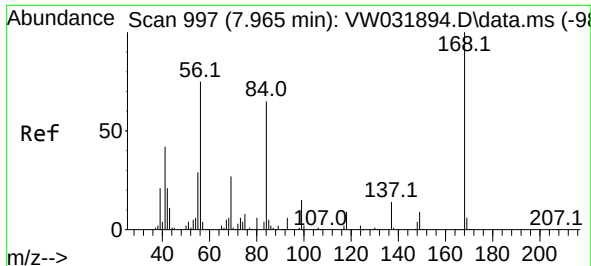
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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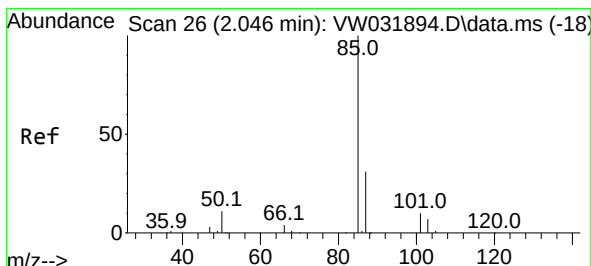
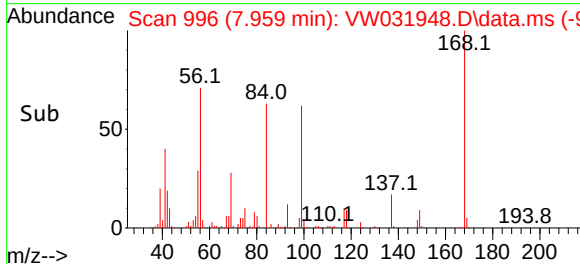
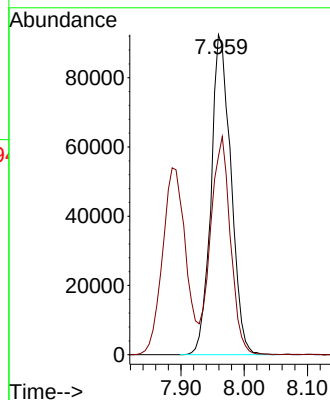
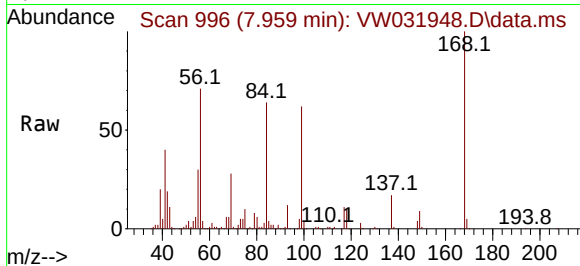




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031948.D
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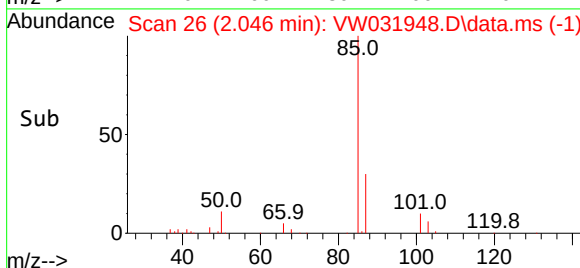
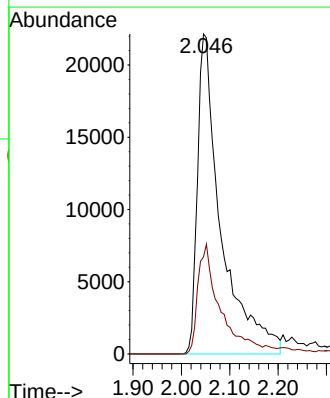
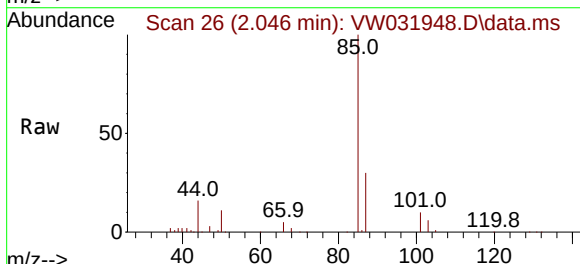
Instrument :
MSVOA_W
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VSTDCCC050EC

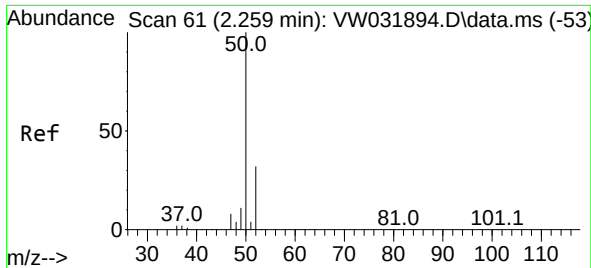
Tgt Ion:168 Resp: 202112
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 49.828 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 85 Resp: 74849
Ion Ratio Lower Upper
85 100
87 30.3 15.5 46.5

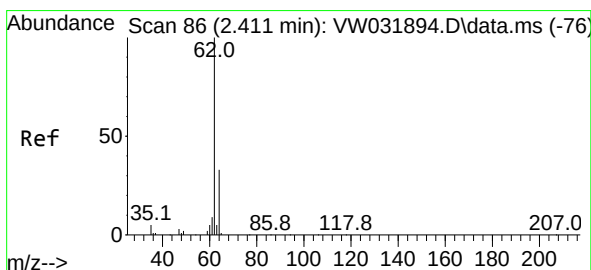
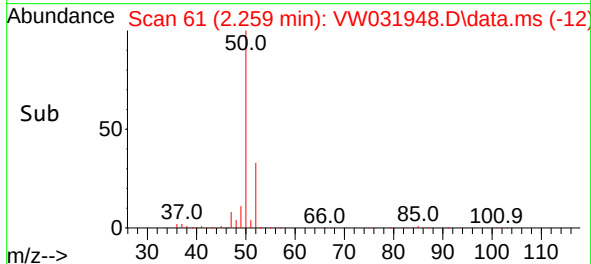
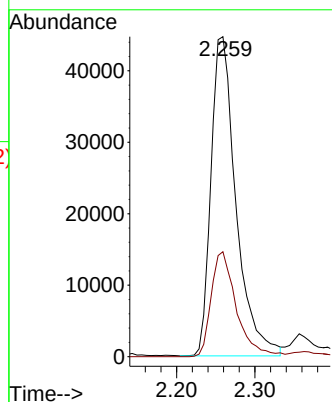
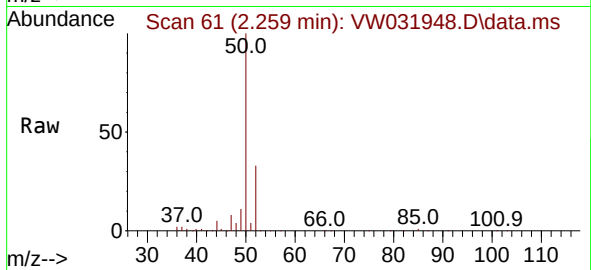




#3
Chloromethane
Concen: 51.393 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

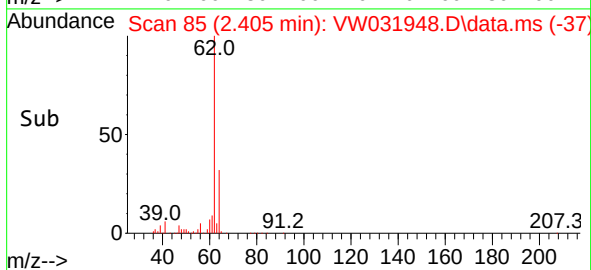
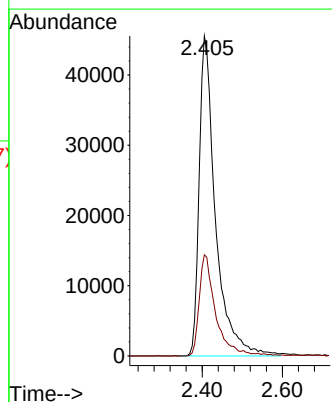
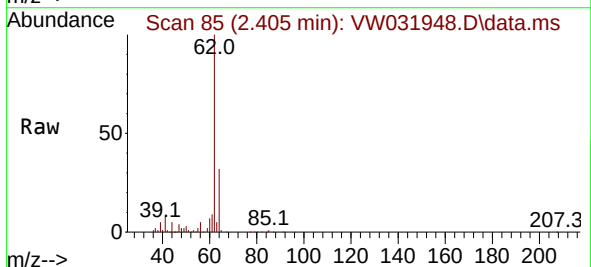
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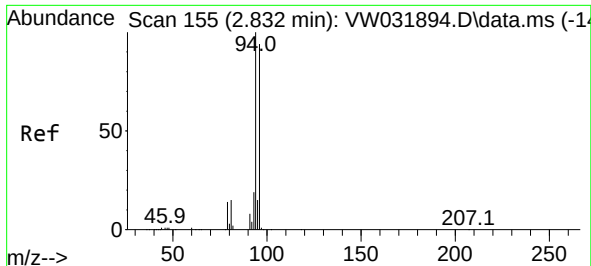
Tgt Ion: 50 Resp: 99087
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5



#4
Vinyl Chloride
Concen: 51.500 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 62 Resp: 128983
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

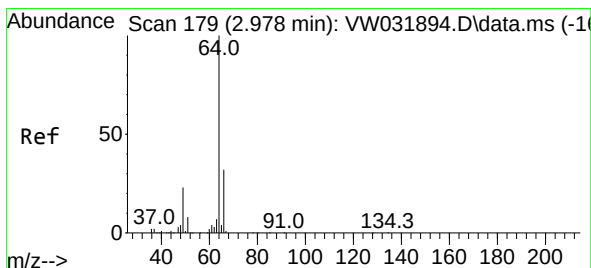
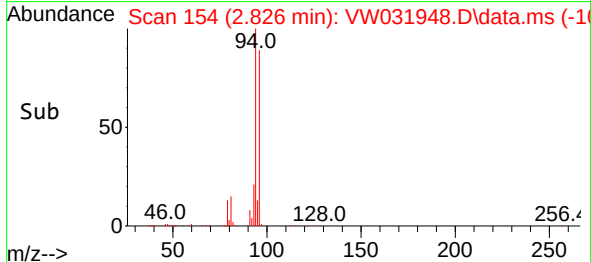
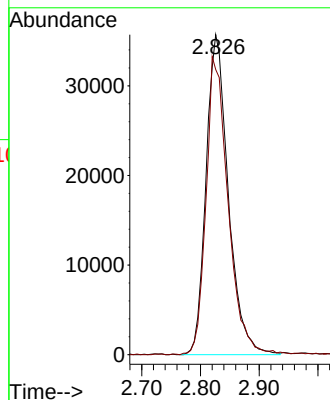
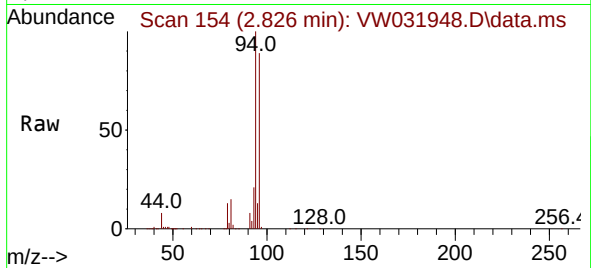




#5
Bromomethane
Concen: 50.993 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

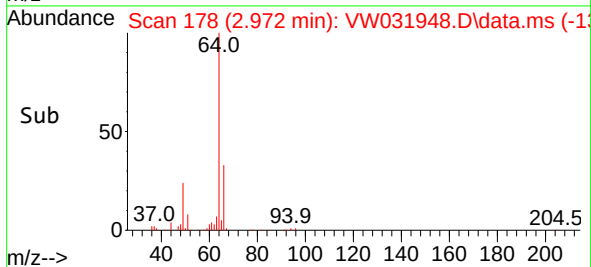
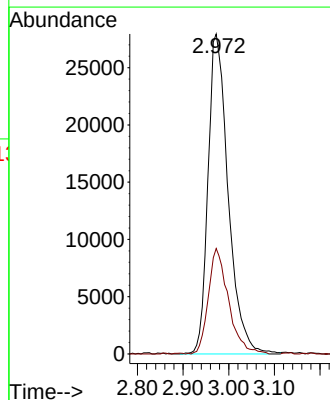
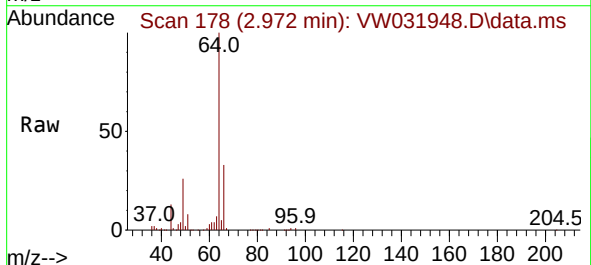
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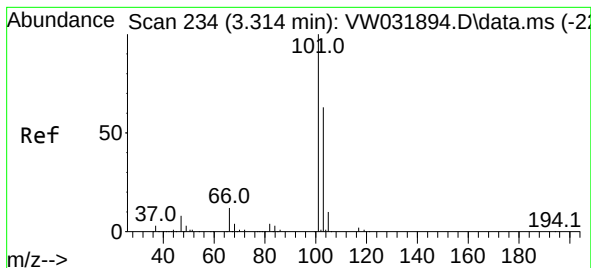
Tgt Ion: 94 Resp: 94045
Ion Ratio Lower Upper
94 100
96 89.1 75.0 112.6



#6
Chloroethane
Concen: 51.895 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 64 Resp: 85782
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4





#7

Trichlorofluoromethane

Concen: 49.542 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.012 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

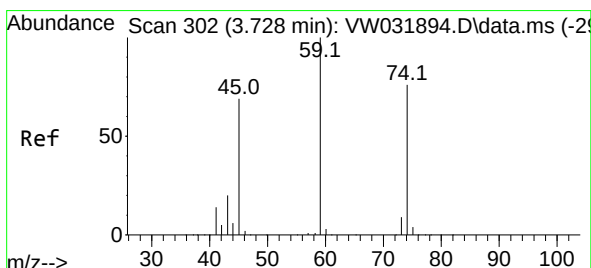
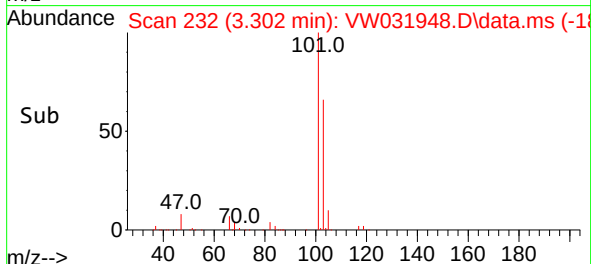
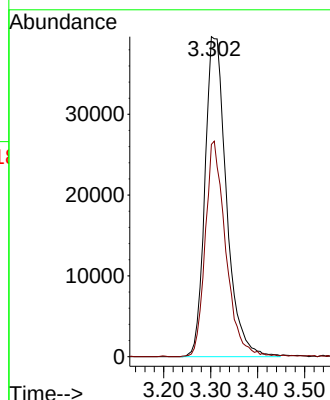
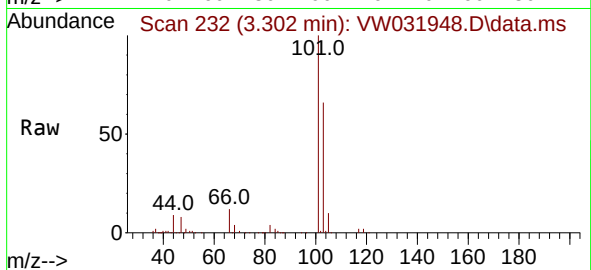
VSTDCCC050EC

Tgt Ion:101 Resp: 125672

Ion Ratio Lower Upper

101 100

103 66.4 50.7 76.1



#8

Diethyl Ether

Concen: 50.229 ug/l

RT: 3.722 min Scan# 301

Delta R.T. -0.006 min

Lab File: VW031948.D

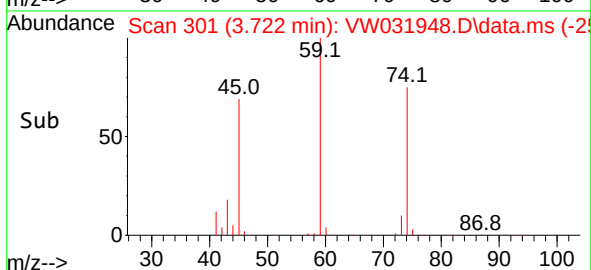
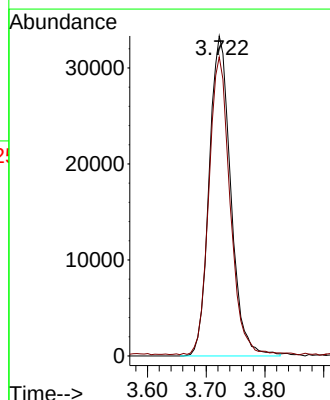
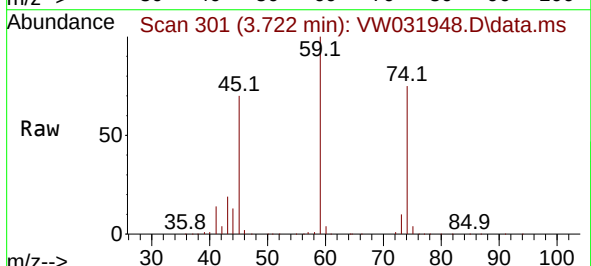
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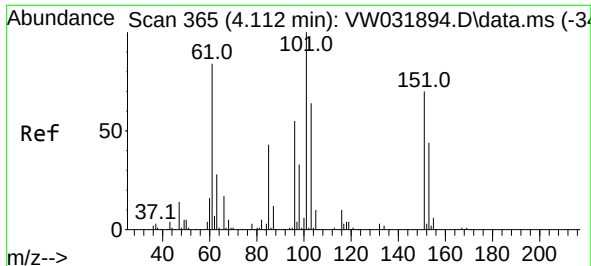
Tgt Ion: 74 Resp: 85113

Ion Ratio Lower Upper

74 100

45 91.7 45.5 136.5

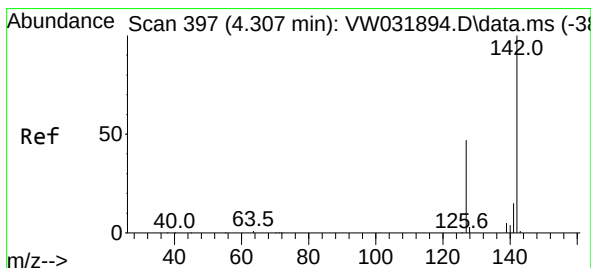
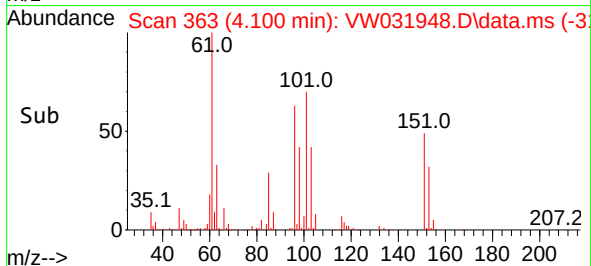
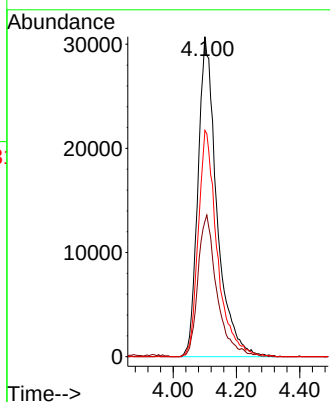
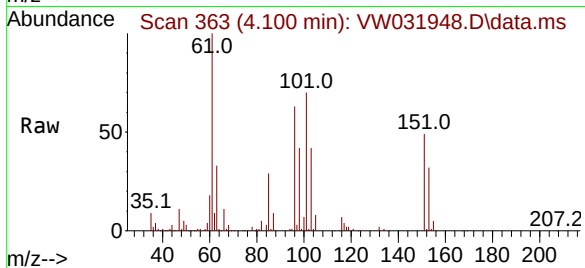




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.376 ug/l
RT: 4.100 min Scan# 309
Delta R.T. -0.012 min
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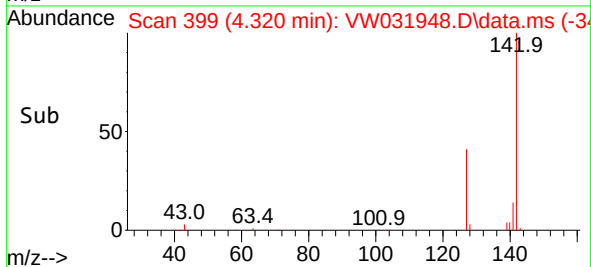
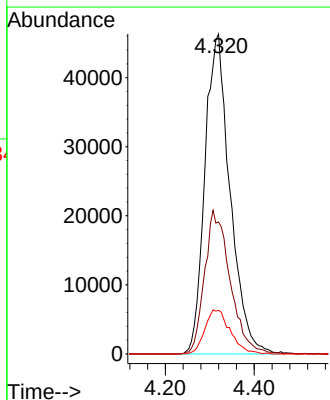
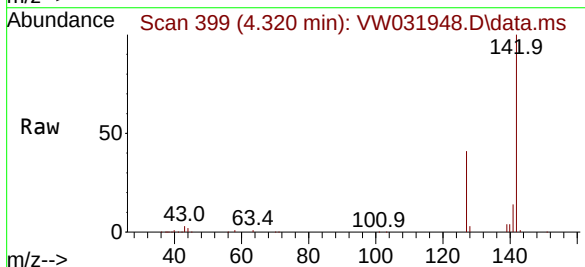
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

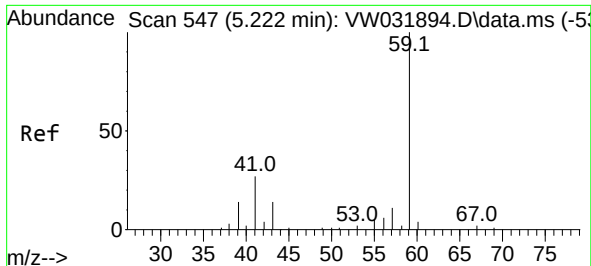
Tgt Ion:101 Resp: 127794
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 70.6 54.6 81.8



#10
Methyl Iodide
Concen: 49.886 ug/l
RT: 4.320 min Scan# 399
Delta R.T. 0.012 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:142 Resp: 181988
Ion Ratio Lower Upper
142 100
127 45.5 37.4 56.2
141 14.0 11.9 17.9

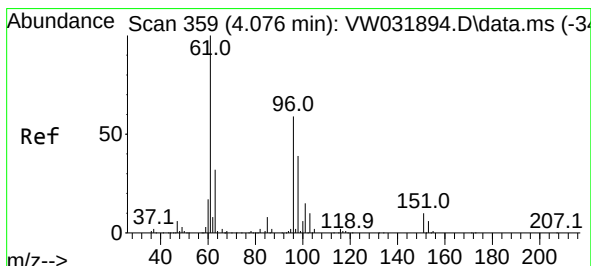
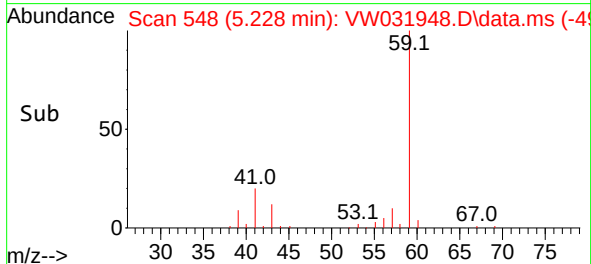
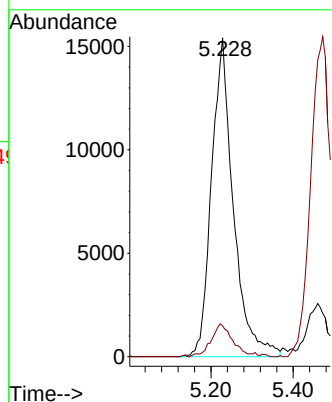
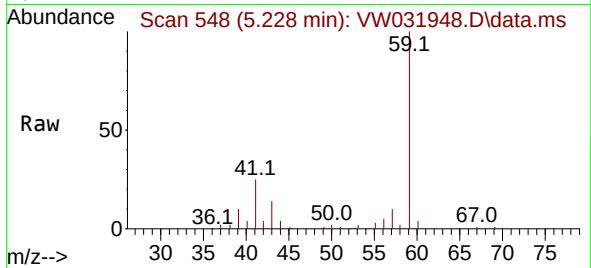




#11
Tert butyl alcohol
Concen: 316.270 ug/l
RT: 5.228 min Scan# 547
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

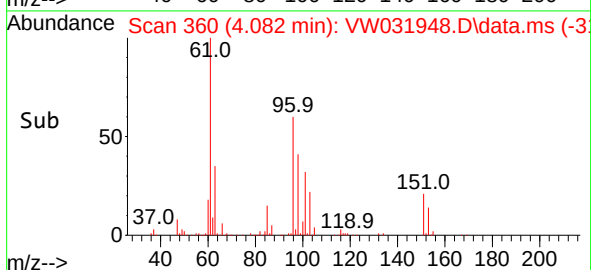
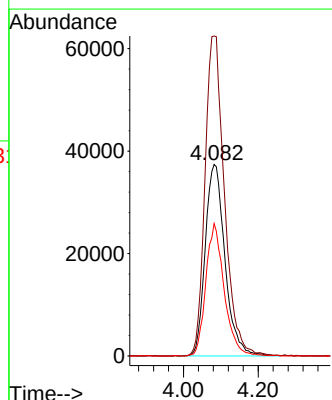
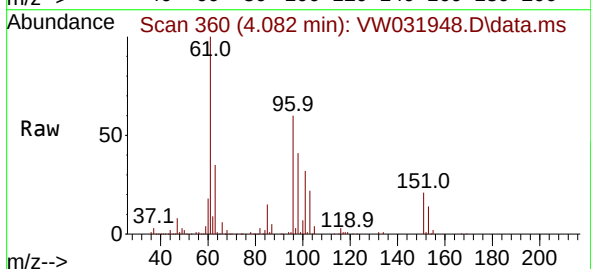
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

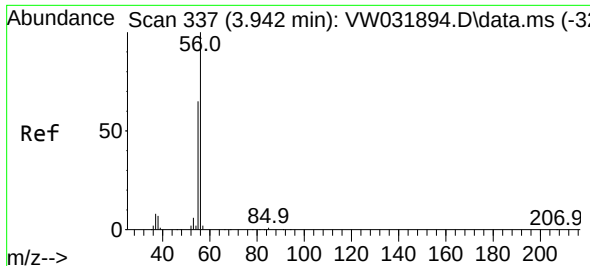
Tgt Ion: 59 Resp: 56840
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.910 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 96 Resp: 137200
Ion Ratio Lower Upper
96 100
61 167.1 135.0 202.6
98 69.1 52.3 78.5





#13

Acrolein

Concen: 121.879 ug/l

RT: 3.929 min Scan# 31

Delta R.T. -0.013 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

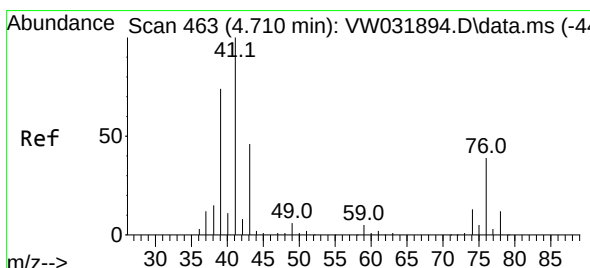
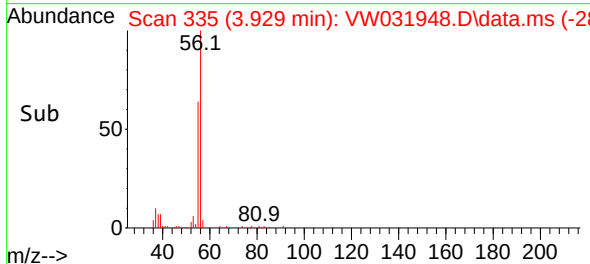
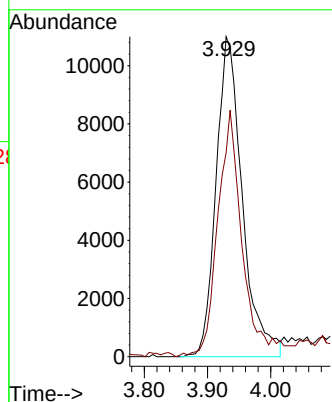
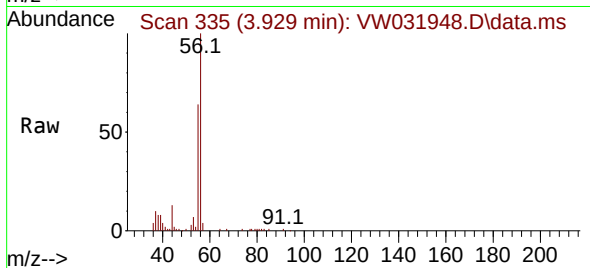
VSTDCCC050EC

Tgt Ion: 56 Resp: 31561

Ion Ratio Lower Upper

56 100

55 69.3 56.7 85.1



#14

Allyl chloride

Concen: 49.103 ug/l

RT: 4.710 min Scan# 463

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

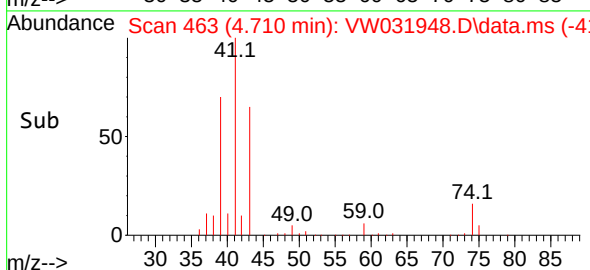
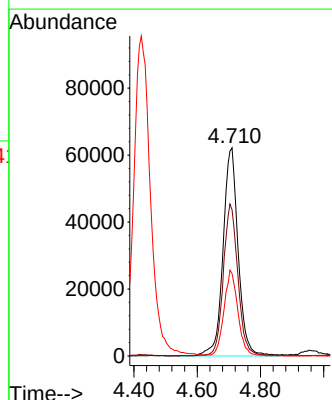
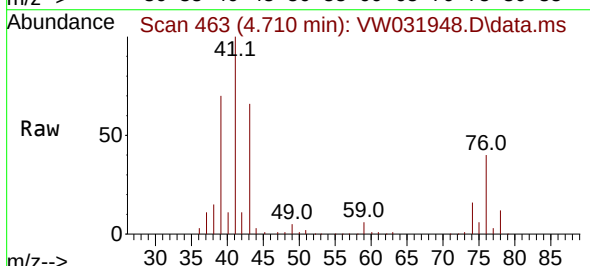
Tgt Ion: 41 Resp: 206004

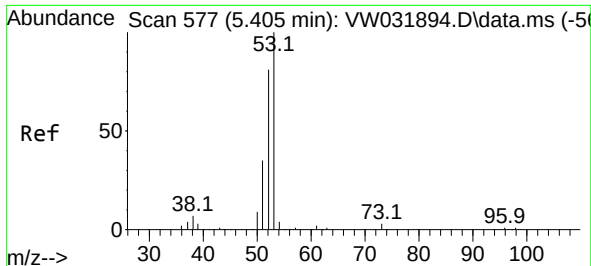
Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 37.5 30.1 45.1

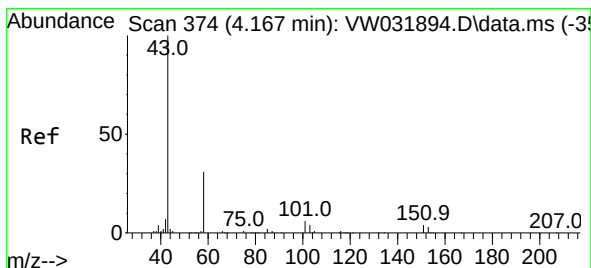
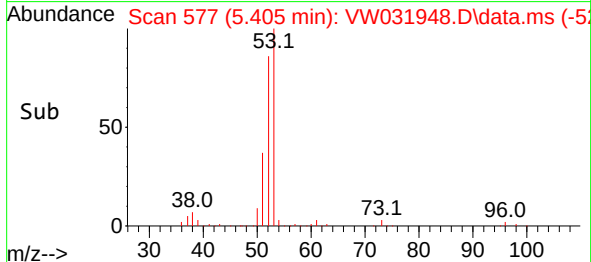
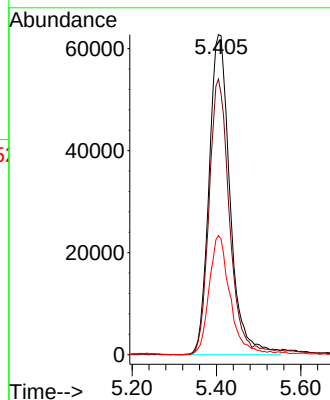
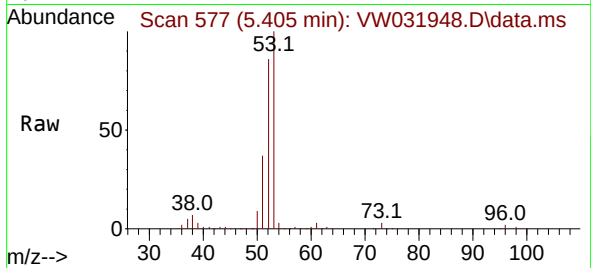




#15
Acrylonitrile
Concen: 286.380 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

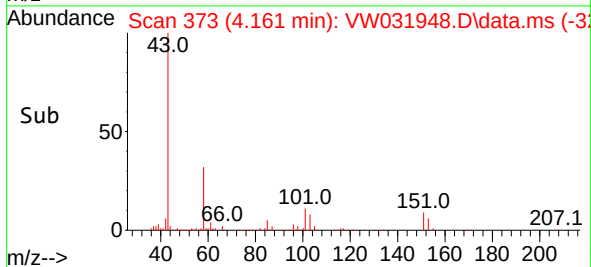
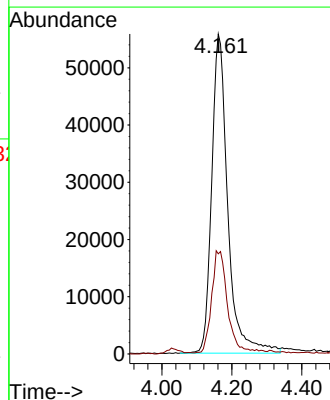
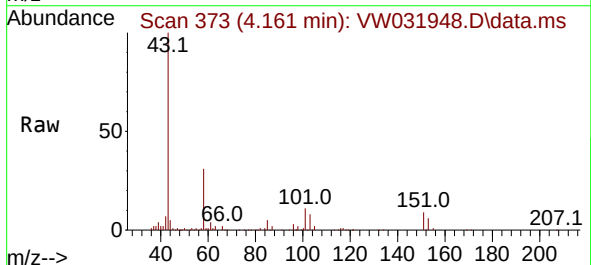
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

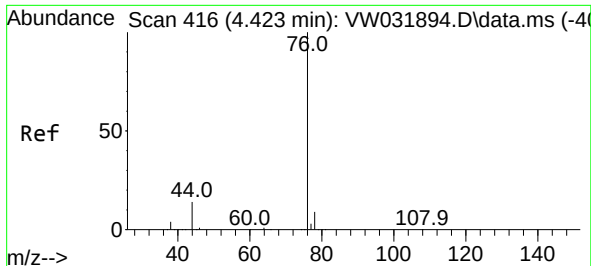
Tgt Ion: 53 Resp: 216953
Ion Ratio Lower Upper
53 100
52 84.5 67.0 100.4
51 37.3 29.9 44.9



#16
Acetone
Concen: 244.915 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 43 Resp: 177690
Ion Ratio Lower Upper
43 100
58 30.8 25.5 38.3

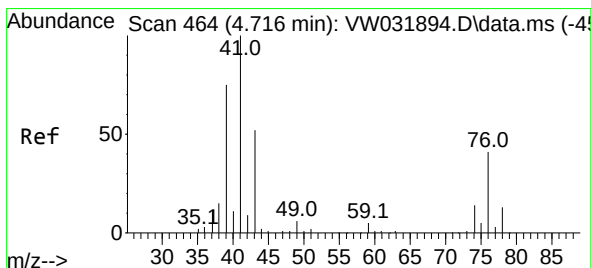
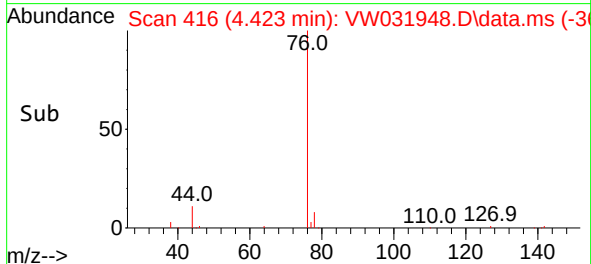
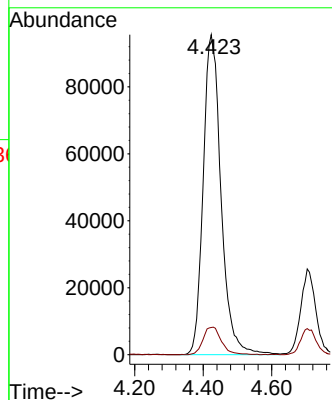
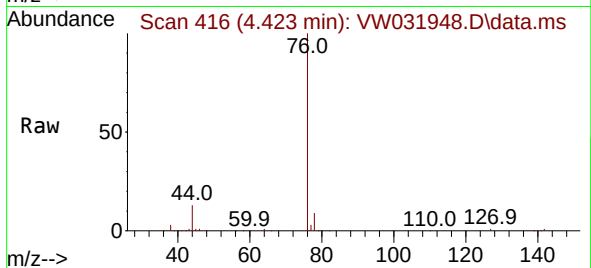




#17
Carbon Disulfide
Concen: 49.569 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

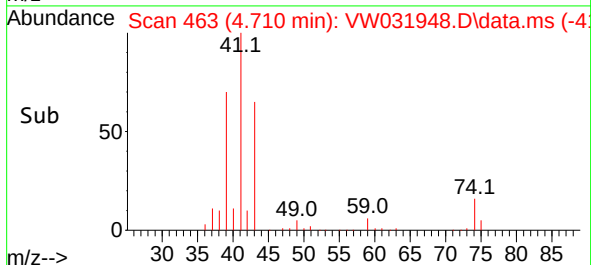
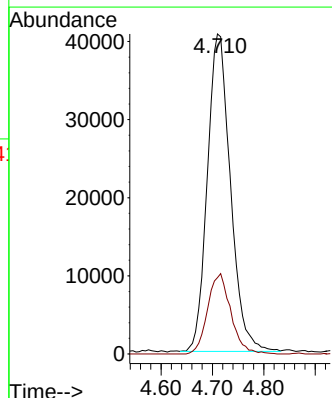
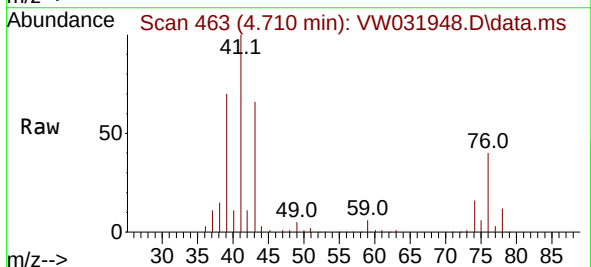
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

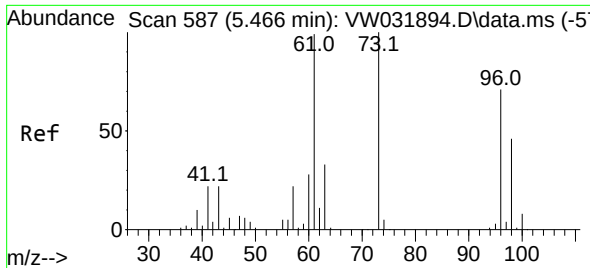
Tgt Ion: 76 Resp: 346459
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 63.612 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 43 Resp: 127151
Ion Ratio Lower Upper
43 100
74 25.4 20.6 31.0

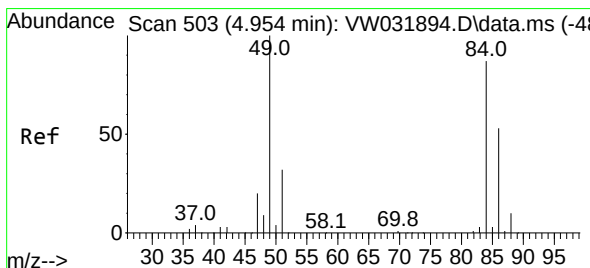
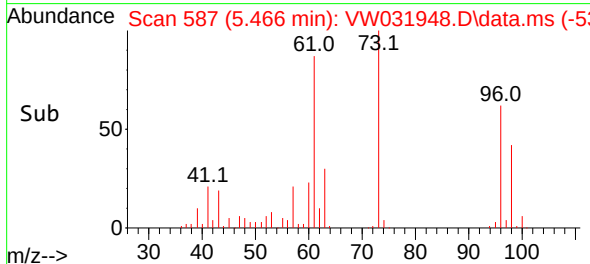
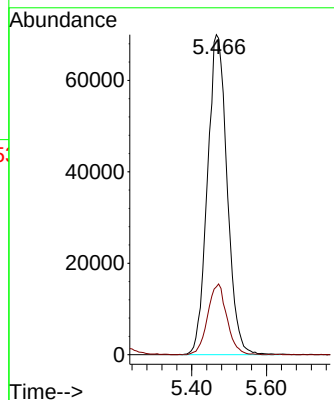
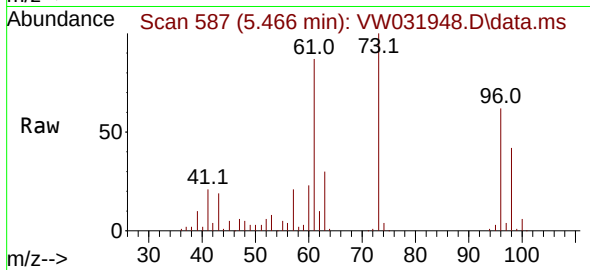




#19
Methyl tert-butyl Ether
Concen: 54.954 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

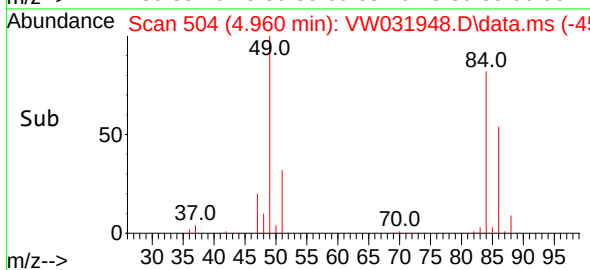
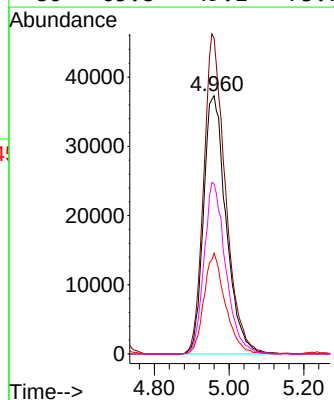
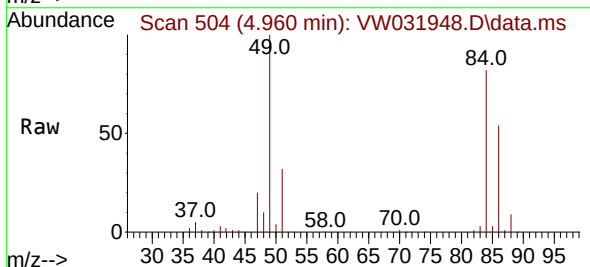
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

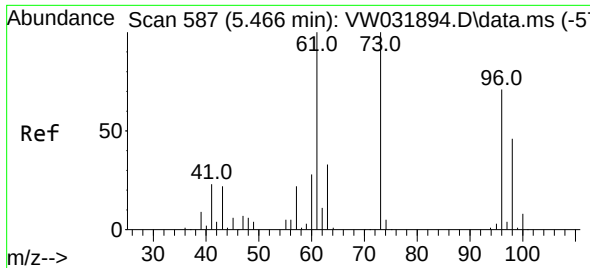
Tgt Ion: 73 Resp: 255891
Ion Ratio Lower Upper
73 100
57 21.1 17.5 26.3



#20
Methylene Chloride
Concen: 50.427 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 84 Resp: 156350
Ion Ratio Lower Upper
84 100
49 122.3 91.9 137.9
51 39.0 29.0 43.6
86 65.8 49.1 73.7

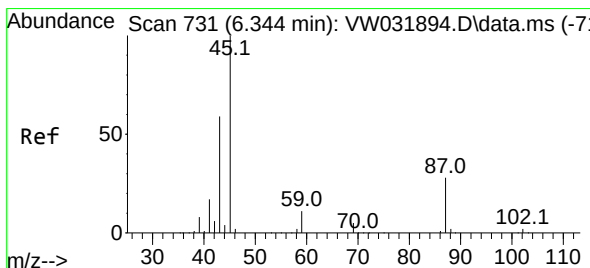
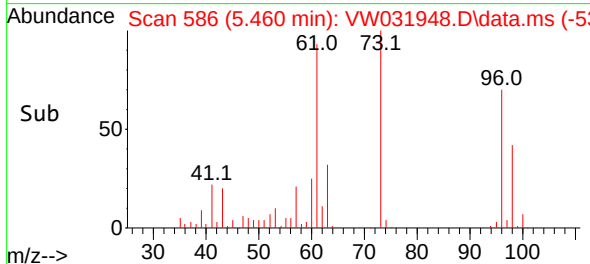
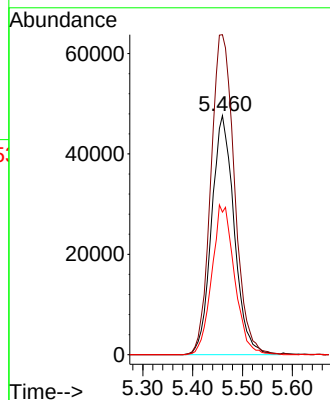
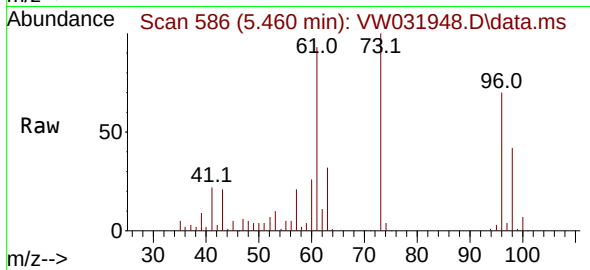




#21
trans-1,2-Dichloroethene
Concen: 52.513 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

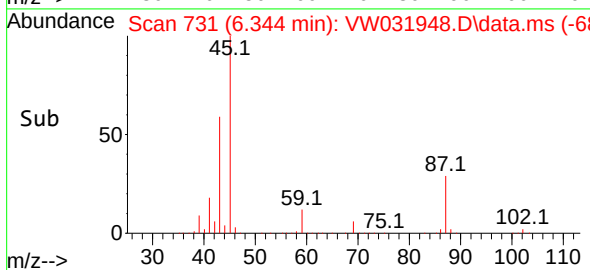
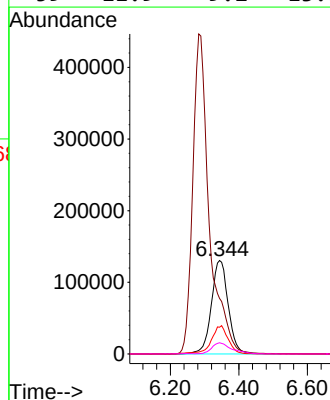
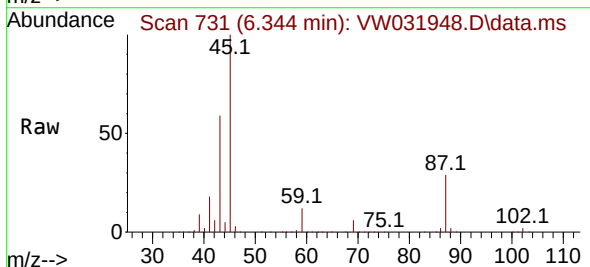
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

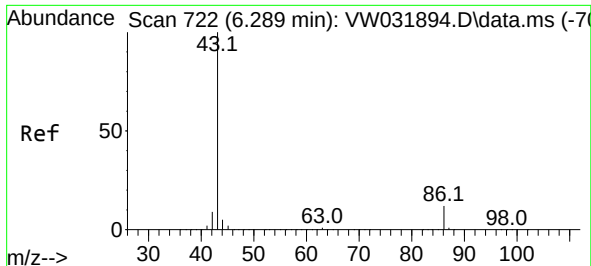
Tgt Ion: 96 Resp: 150154
Ion Ratio Lower Upper
96 100
61 133.9 112.8 169.2
98 59.7 51.9 77.9



#22
Diisopropyl ether
Concen: 53.064 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 45 Resp: 445460
Ion Ratio Lower Upper
45 100
43 59.0 47.0 70.6
87 28.7 22.8 34.2
59 11.9 9.2 13.8

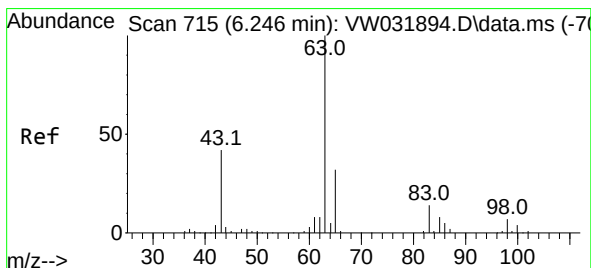
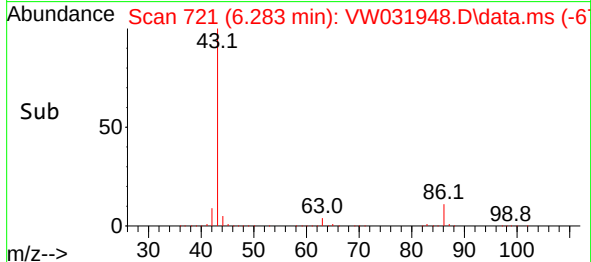
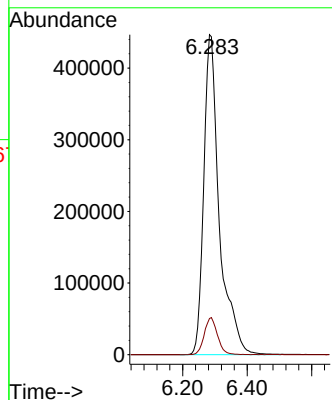
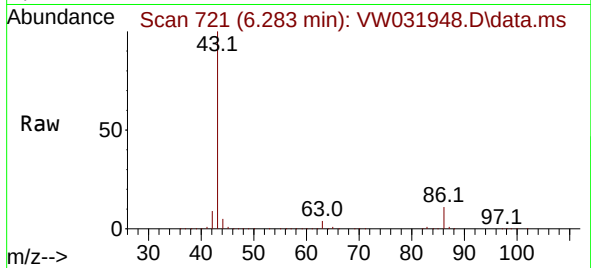




#23
 Vinyl Acetate
 Concen: 273.611 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

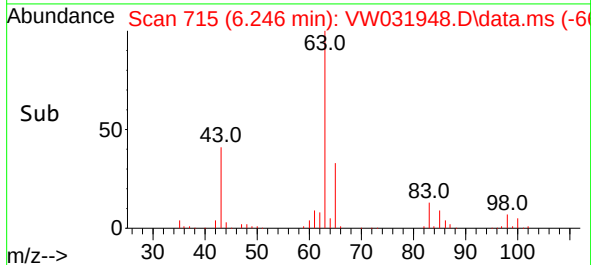
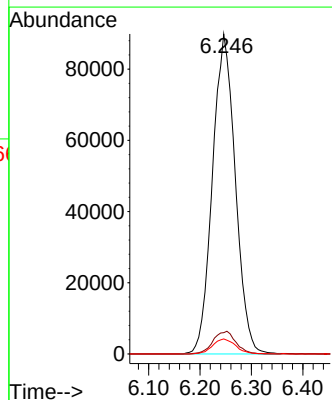
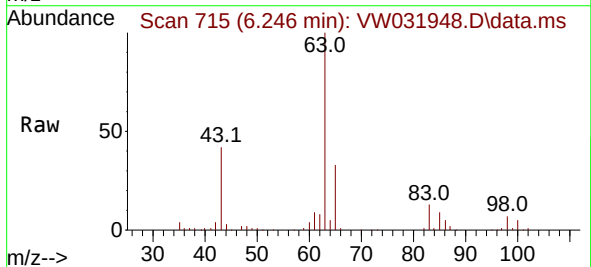
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

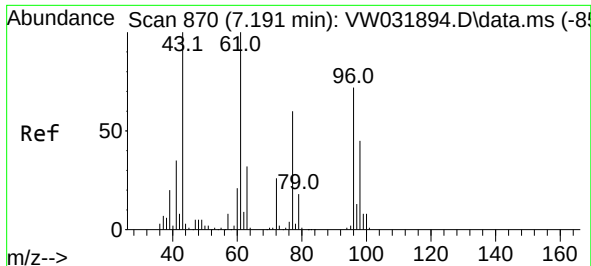
Tgt Ion: 43 Resp: 1500605
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 53.113 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

Tgt Ion: 63 Resp: 277606
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.7 2.2 6.6

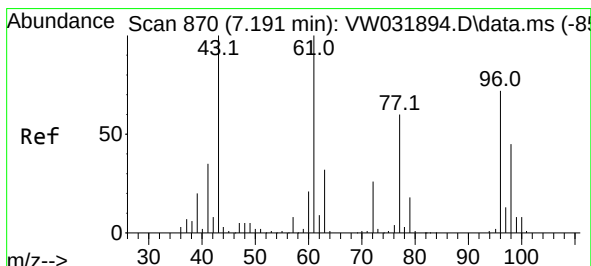
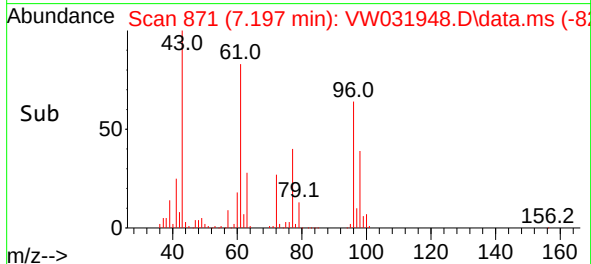
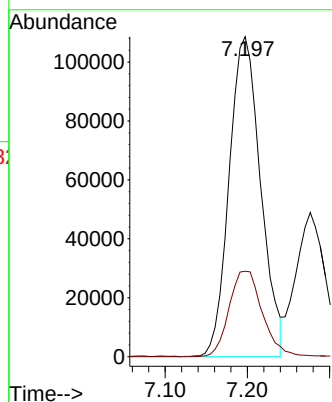
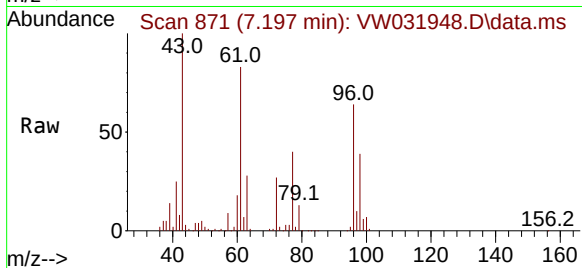




#25
2-Butanone
Concen: 291.737 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

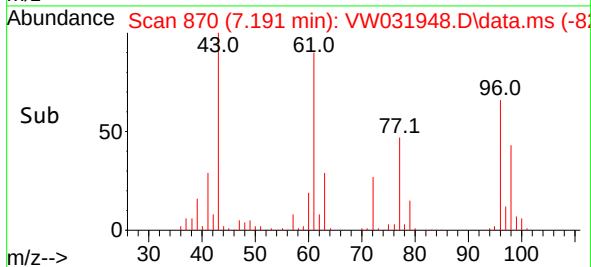
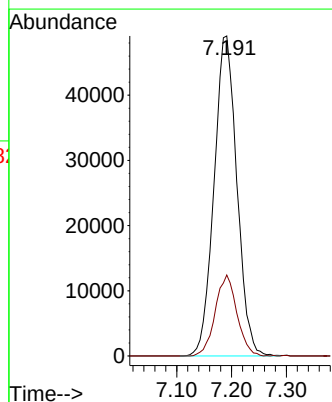
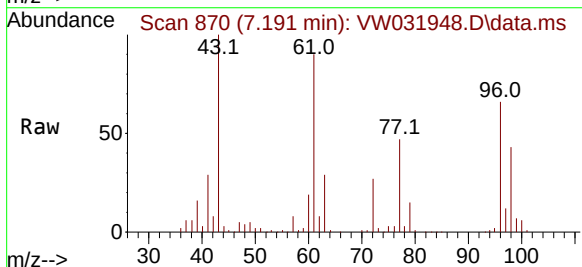
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

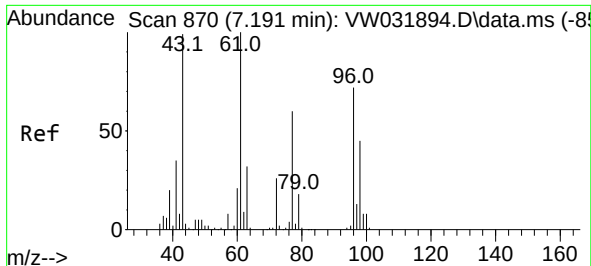
Tgt Ion: 43 Resp: 289598
Ion Ratio Lower Upper
43 100
72 26.7 20.8 31.2



#26
2,2-Dichloropropane
Concen: 48.016 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 77 Resp: 142081
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 54.632 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

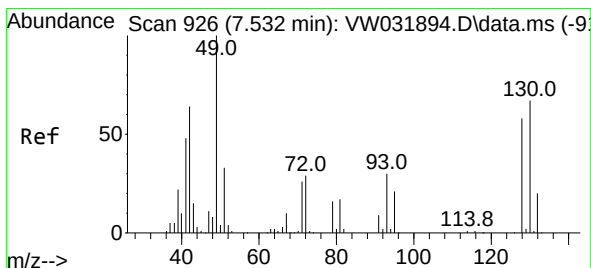
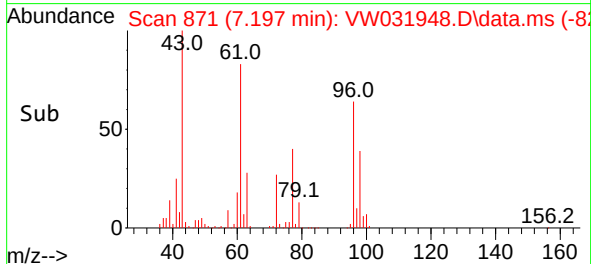
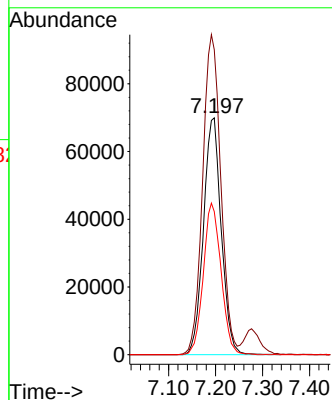
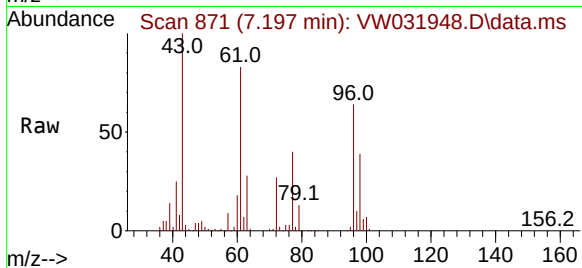
Tgt Ion: 96 Resp: 183650

Ion Ratio Lower Upper

96 100

61 137.9 0.0 280.2

98 63.8 0.0 126.8



#28

Bromochloromethane

Concen: 52.911 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

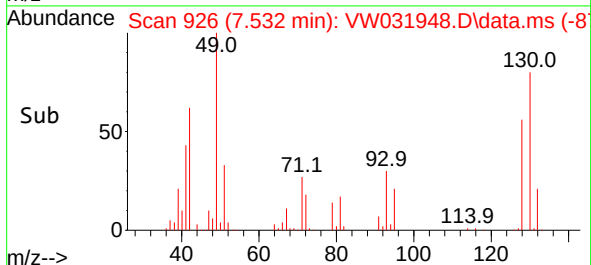
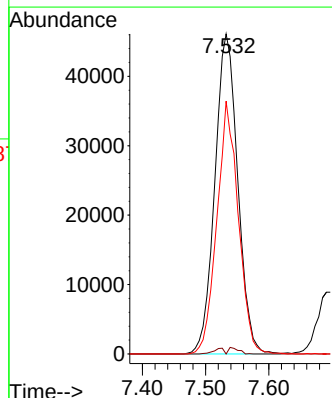
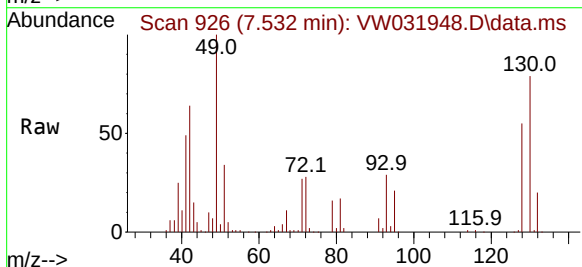
Tgt Ion: 49 Resp: 115789

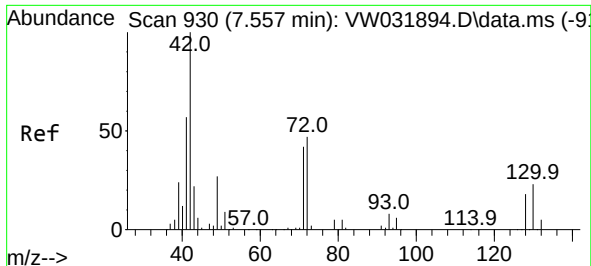
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.4

130 73.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 305.704 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

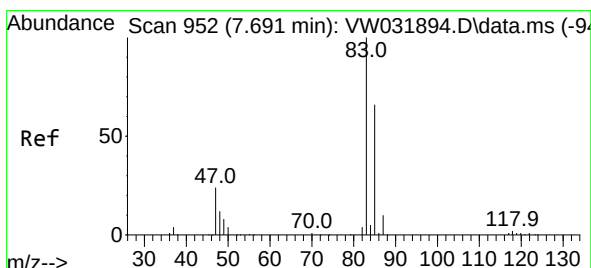
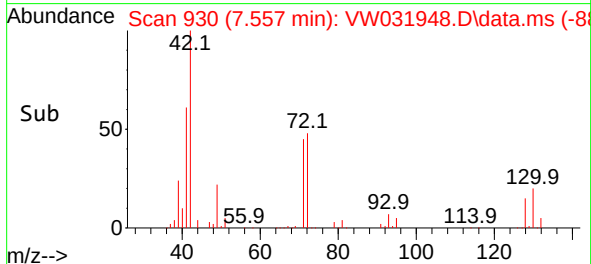
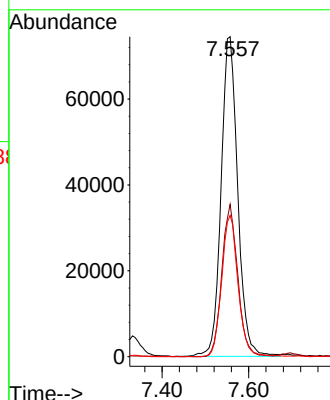
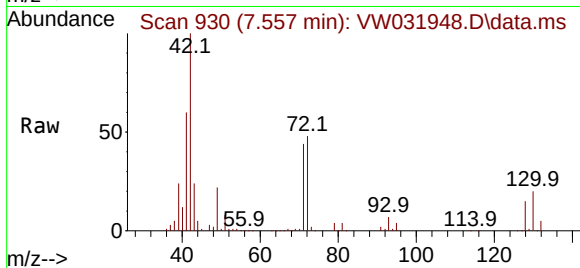
Tgt Ion: 42 Resp: 198959

Ion Ratio Lower Upper

42 100

72 45.6 37.0 55.6

71 43.3 34.5 51.7



#30

Chloroform

Concen: 54.205 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031948.D

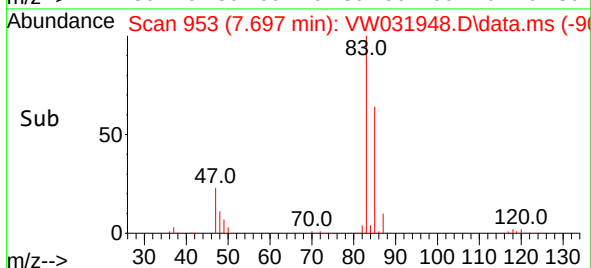
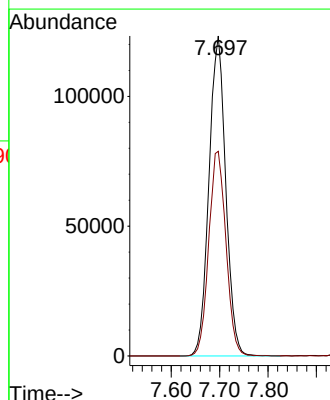
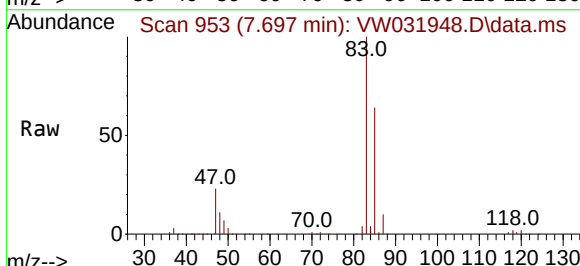
Acq: 28 Jul 2025 16:09

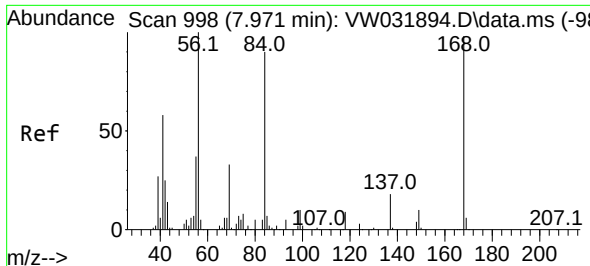
Tgt Ion: 83 Resp: 297052

Ion Ratio Lower Upper

83 100

85 63.9 52.6 78.8

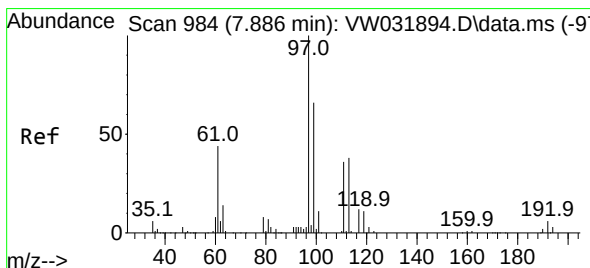
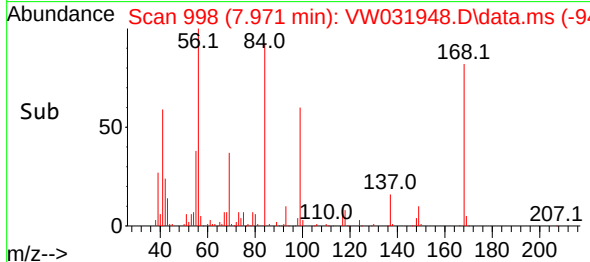
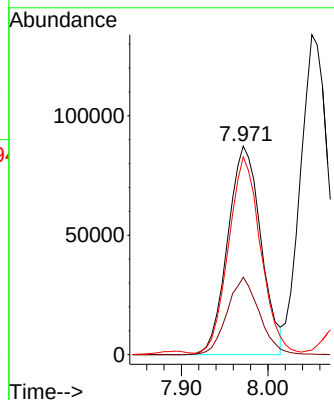
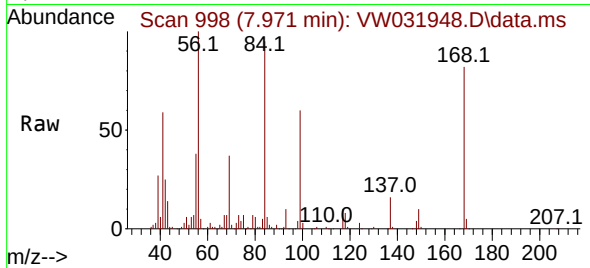




#31
Cyclohexane
Concen: 49.598 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

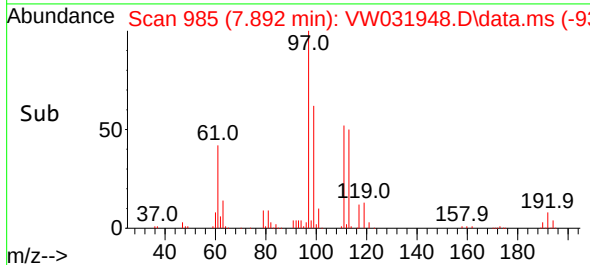
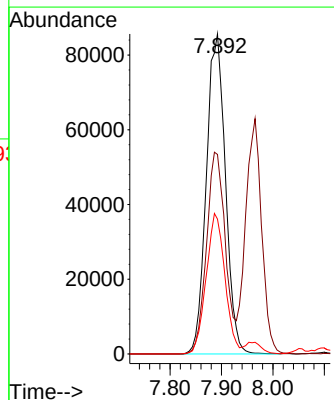
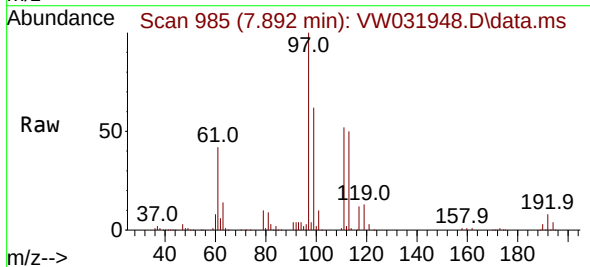
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

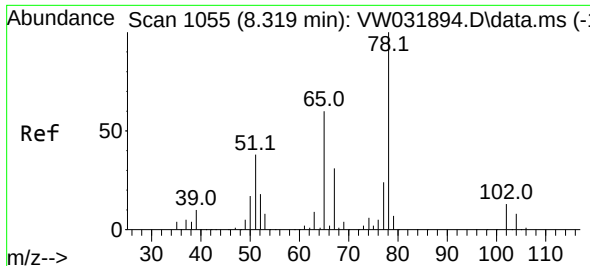
Tgt Ion: 56 Resp: 232569
Ion Ratio Lower Upper
56 100
69 37.1 26.7 40.1
84 93.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.952 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 97 Resp: 220817
Ion Ratio Lower Upper
97 100
99 62.9 53.0 79.4
61 43.6 35.4 53.0

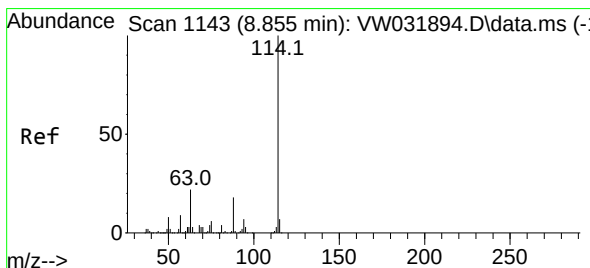
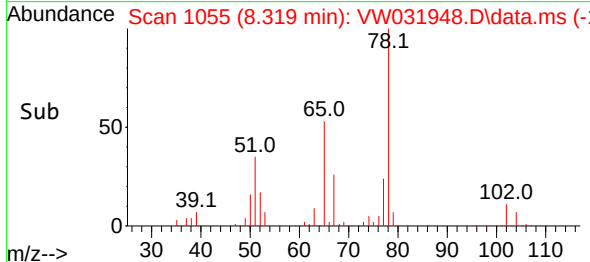
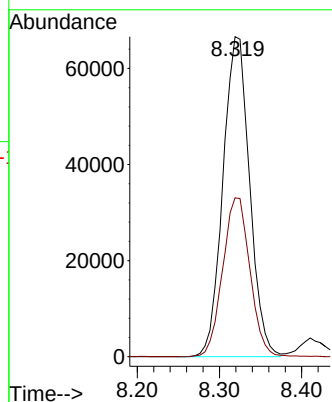
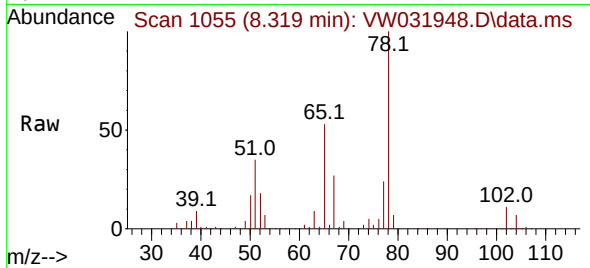




#33
 1,2-Dichloroethane-d4
 Concen: 49.114 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

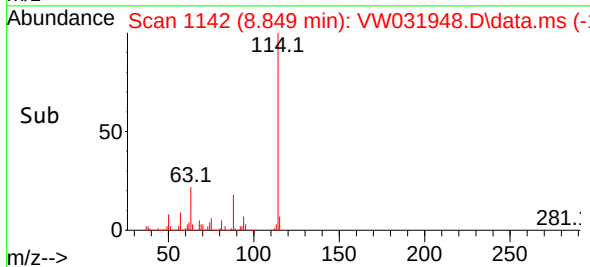
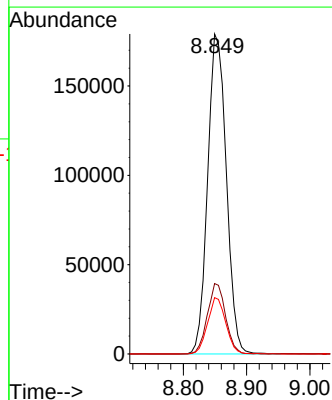
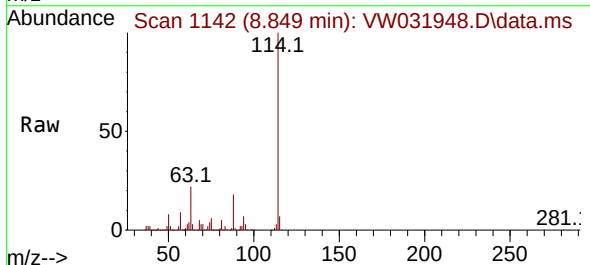
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

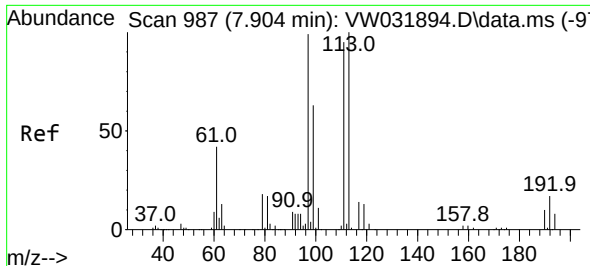
Tgt Ion: 65 Resp: 150163
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

Tgt Ion: 114 Resp: 368729
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 17.6 0.0 35.6

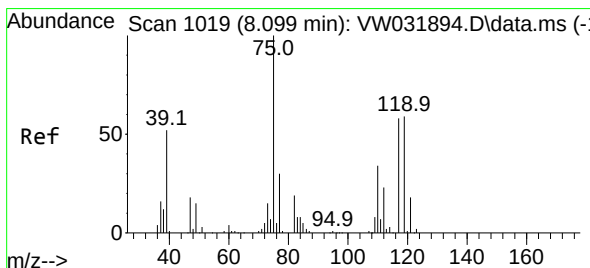
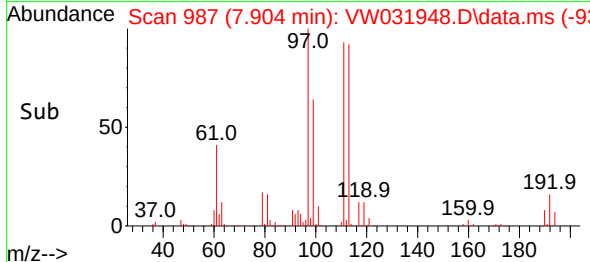
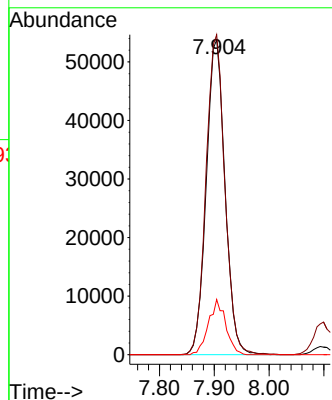
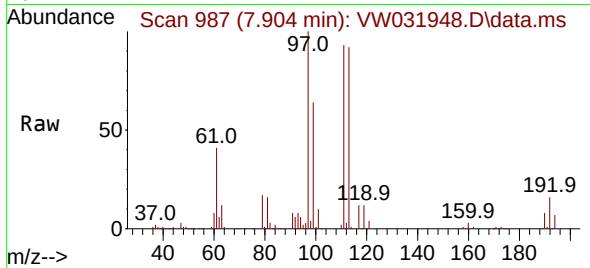




#35
 Dibromofluoromethane
 Concen: 50.862 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

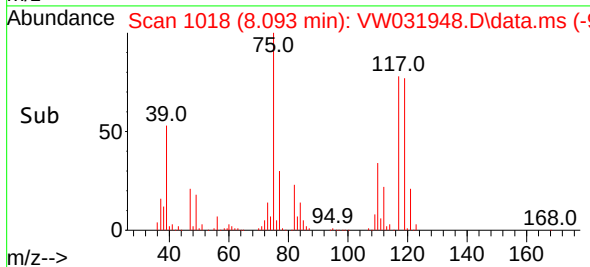
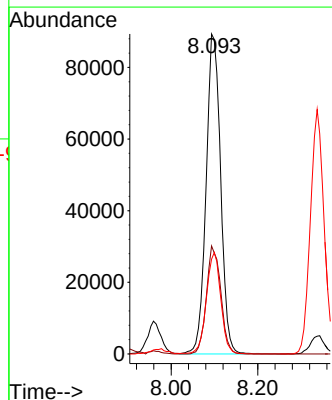
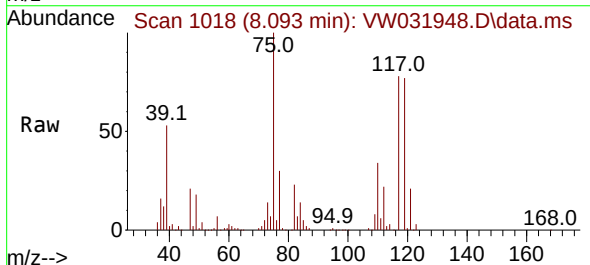
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

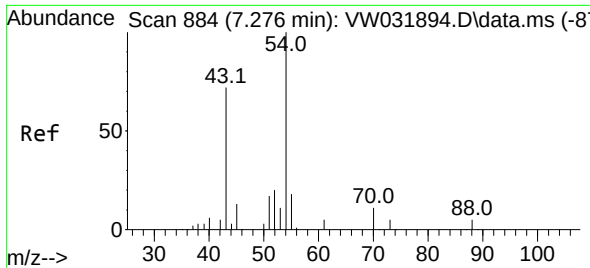
Tgt Ion:113 Resp: 127437
 Ion Ratio Lower Upper
 113 100
 111 102.2 79.9 119.9
 192 16.2 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 54.131 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

Tgt Ion: 75 Resp: 208286
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.0 50.9
 77 31.5 25.1 37.7

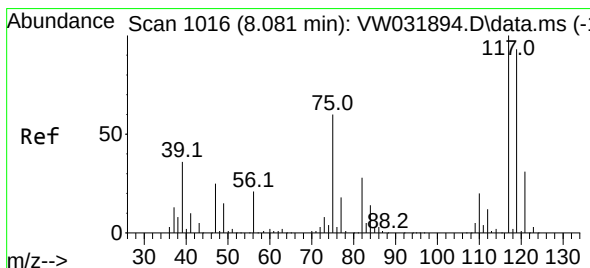
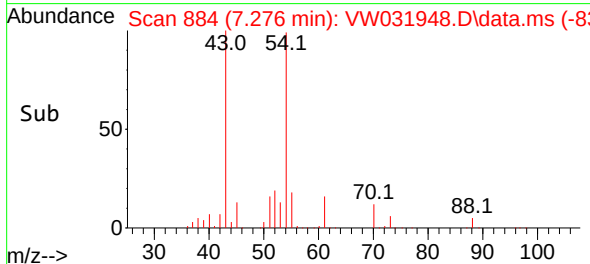
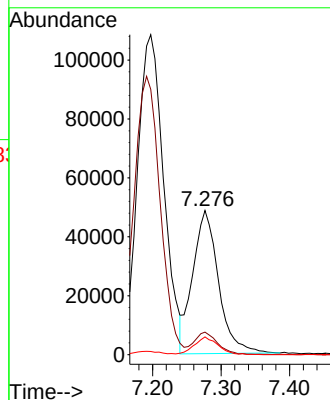
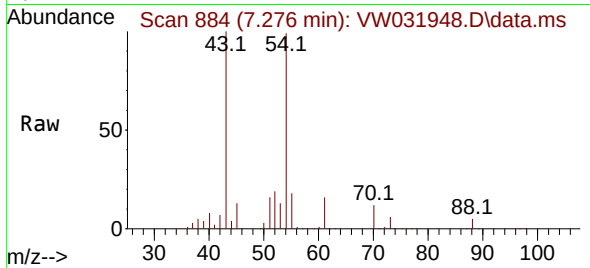




#37
Ethyl Acetate
Concen: 57.952 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

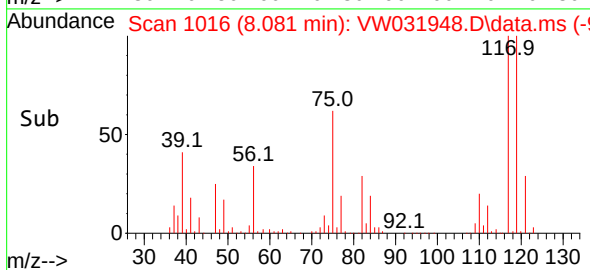
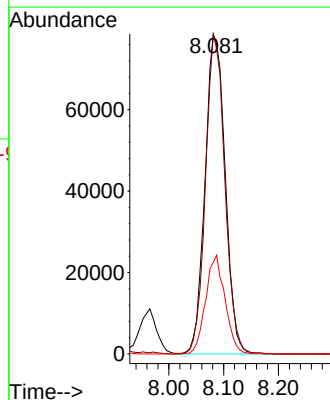
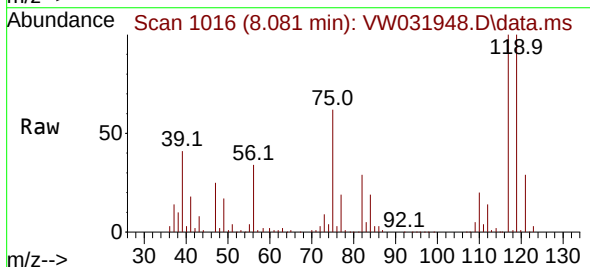
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

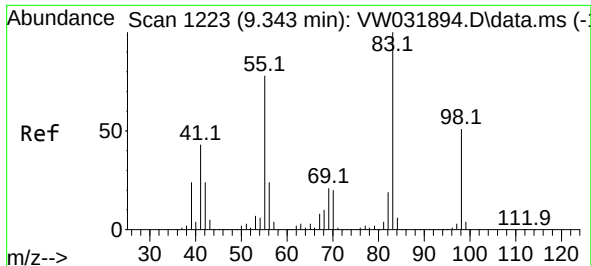
Tgt Ion: 43 Resp: 127206
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 11.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 54.278 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 117 Resp: 200438
Ion Ratio Lower Upper
117 100
119 99.7 74.3 111.5
121 28.7 24.6 37.0





#39

Methylcyclohexane

Concen: 55.011 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

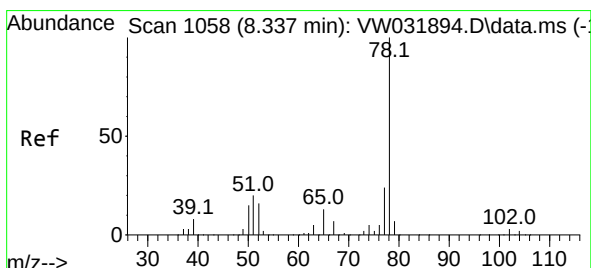
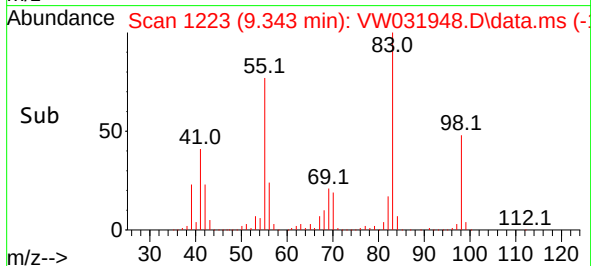
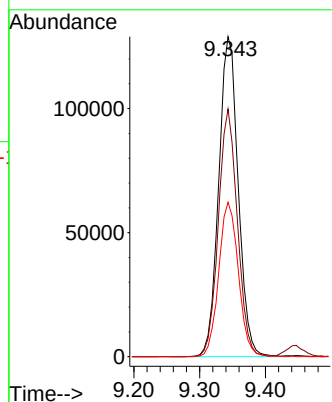
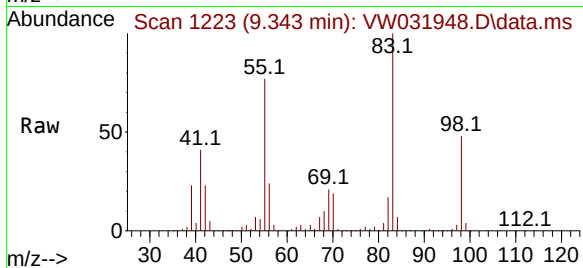
Tgt Ion: 83 Resp: 266386

Ion Ratio Lower Upper

83 100

55 77.4 62.5 93.7

98 48.2 40.6 61.0



#40

Benzene

Concen: 54.712 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031948.D

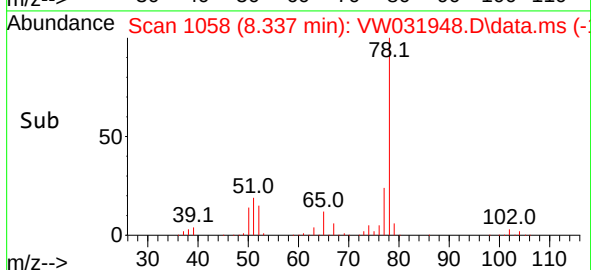
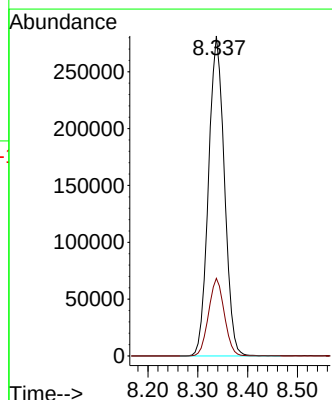
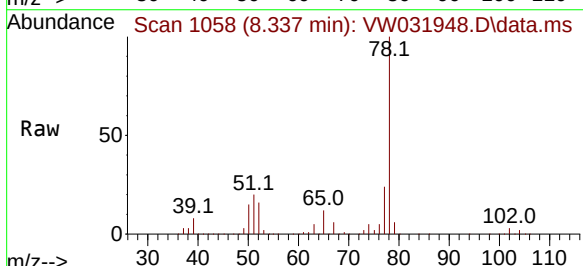
Acq: 28 Jul 2025 16:09

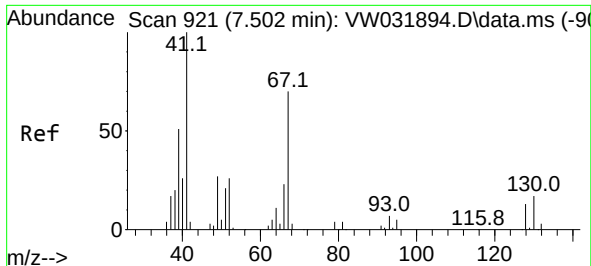
Tgt Ion: 78 Resp: 623185

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

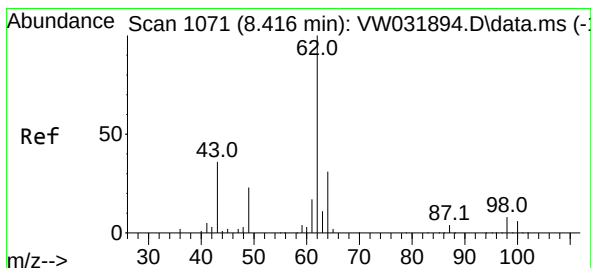
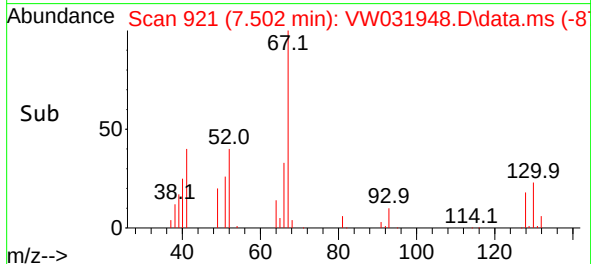
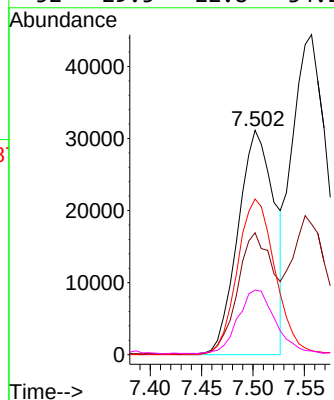
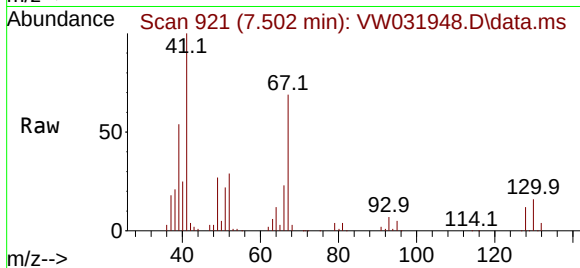




#41
Methacrylonitrile
Concen: 58.728 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

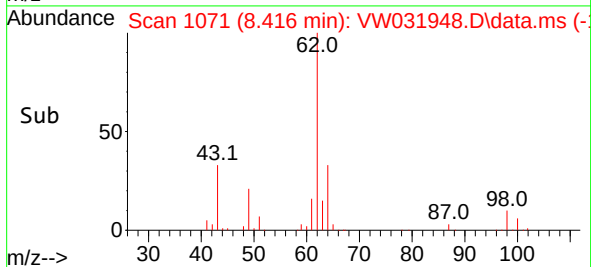
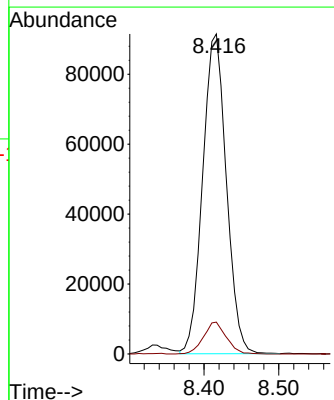
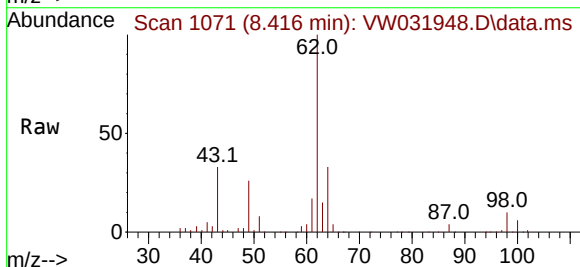
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

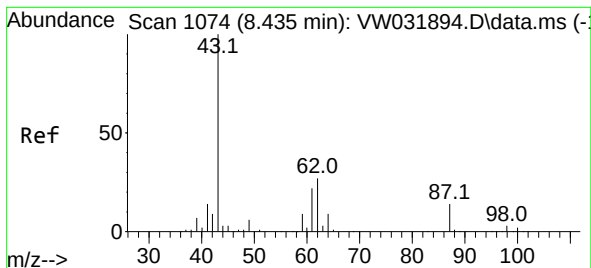
Tgt Ion:	41	Resp:	77168
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.1	61.7
67	72.4	56.2	84.4
52	29.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 55.109 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:	62	Resp:	200896
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 57.693 ug/l

RT: 8.441 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

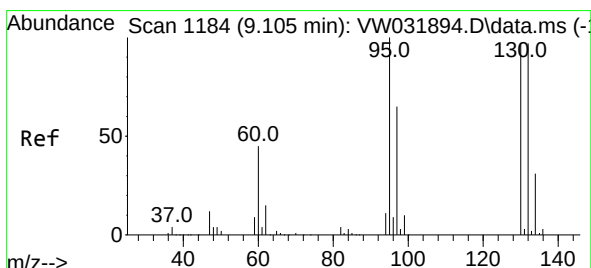
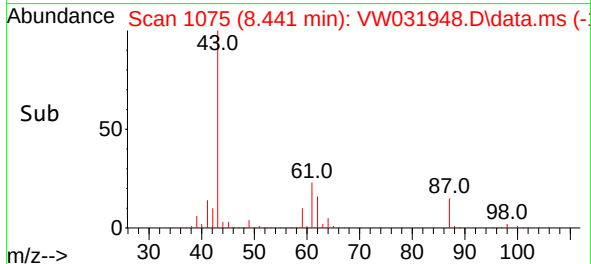
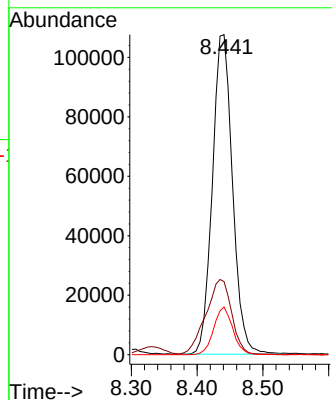
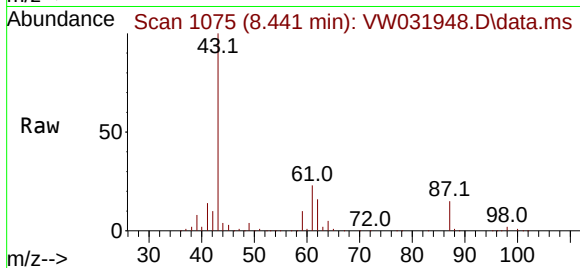
Tgt Ion: 43 Resp: 229259

Ion Ratio Lower Upper

43 100

61 30.2 24.0 36.0

87 14.2 11.1 16.7



#44

Trichloroethene

Concen: 54.612 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. -0.006 min

Lab File: VW031948.D

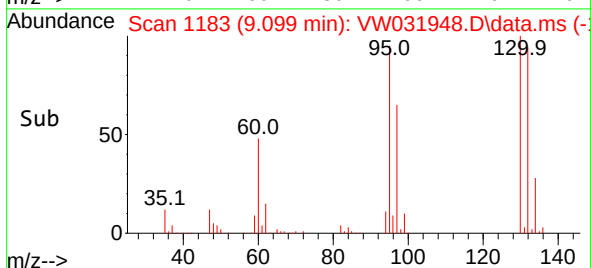
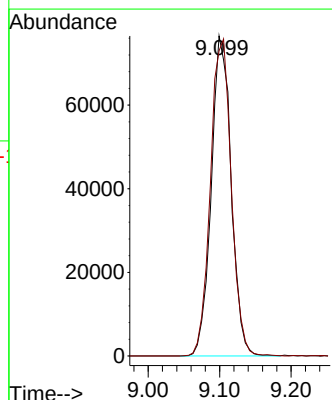
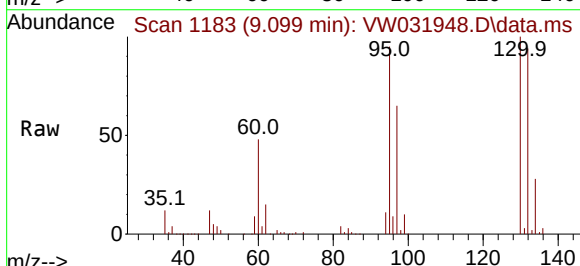
Acq: 28 Jul 2025 16:09

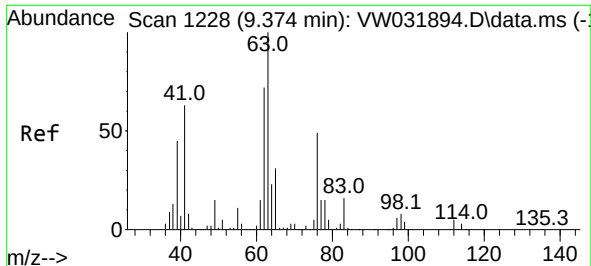
Tgt Ion: 130 Resp: 147857

Ion Ratio Lower Upper

130 100

95 95.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 54.663 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

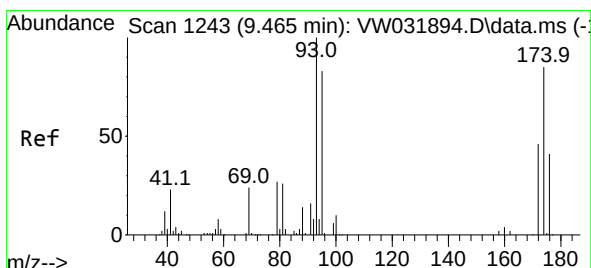
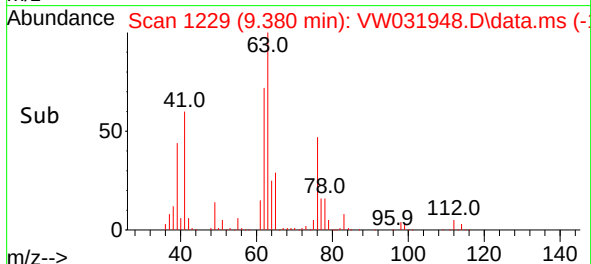
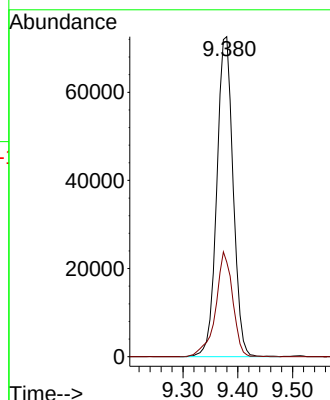
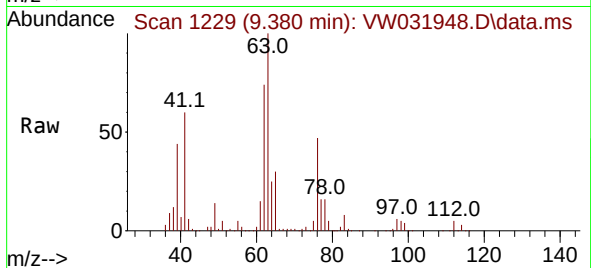
VSTDCCC050EC

Tgt Ion: 63 Resp: 149950

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.4



#46

Dibromomethane

Concen: 55.664 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

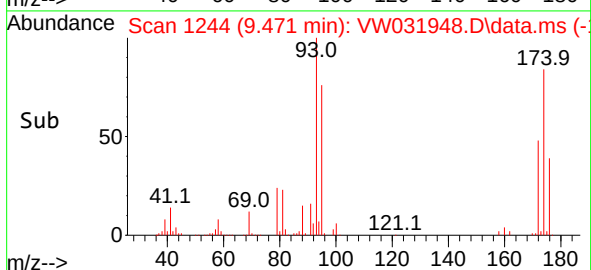
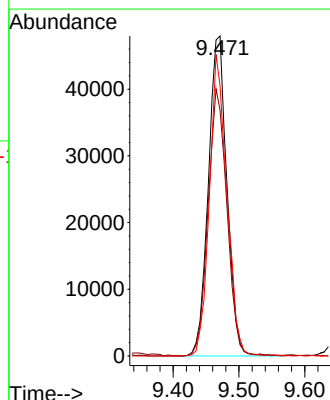
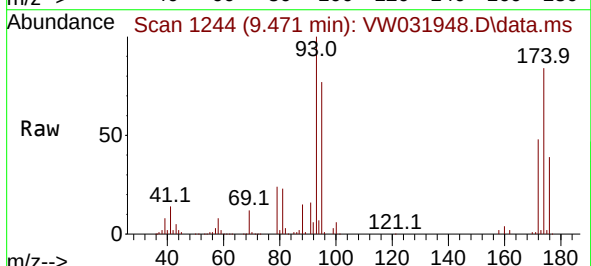
Tgt Ion: 93 Resp: 94655

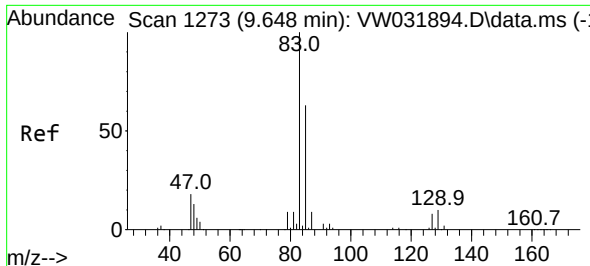
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.6

174 87.9 70.2 105.2

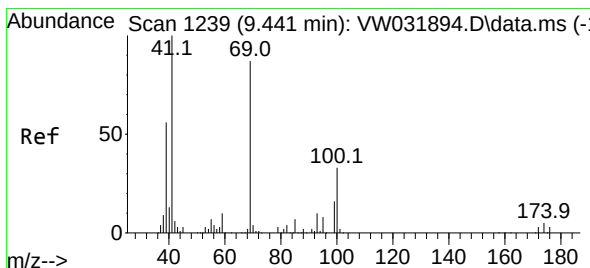
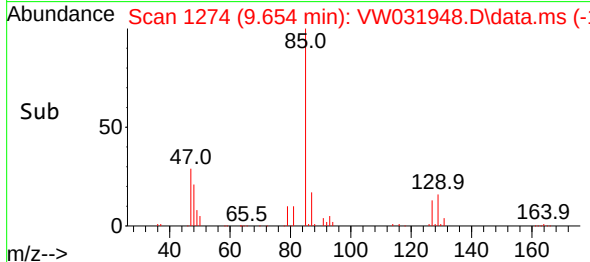
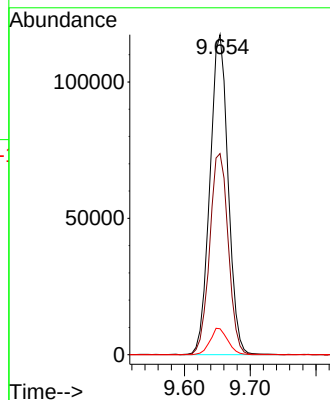
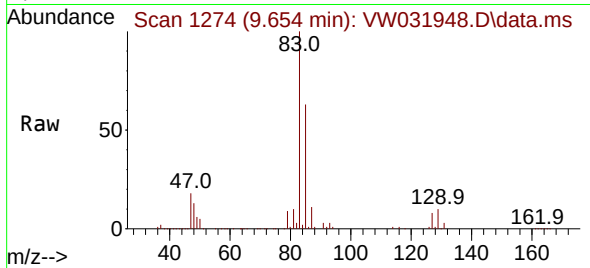




#47
Bromodichloromethane
Concen: 55.507 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

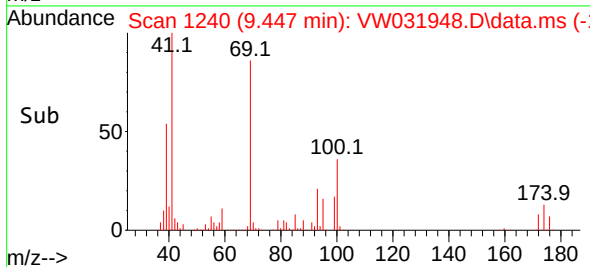
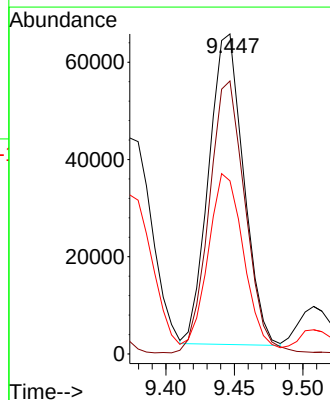
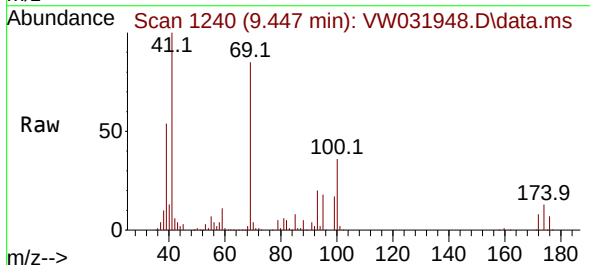
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

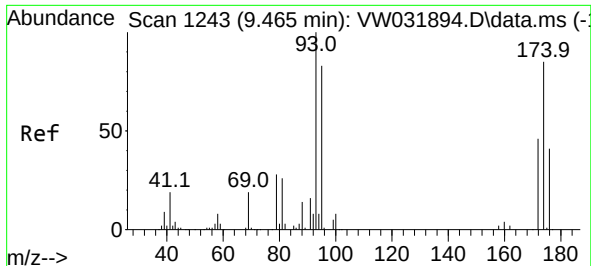
Tgt Ion: 83 Resp: 226334
Ion Ratio Lower Upper
83 100
85 62.9 50.6 76.0
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 59.730 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 41 Resp: 112921
Ion Ratio Lower Upper
41 100
69 91.3 73.6 110.4
39 56.2 45.5 68.3

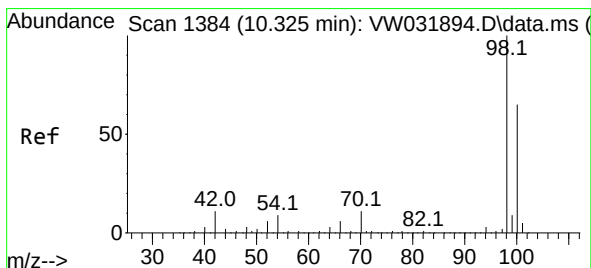
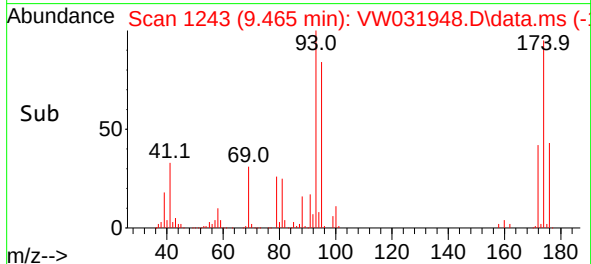
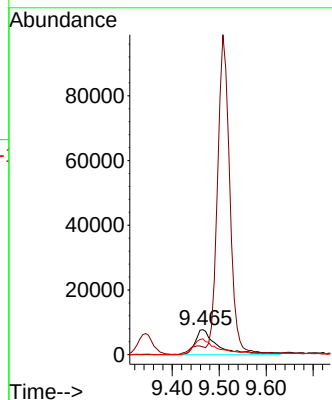
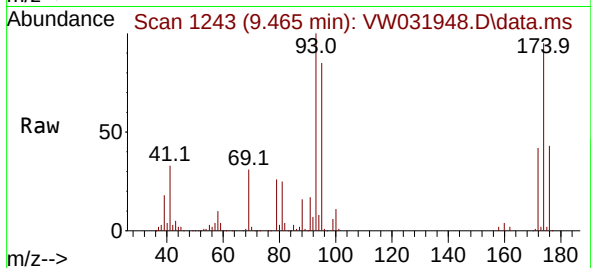




#49
 1,4-Dioxane
 Concen: 1542.561 ug/l
 RT: 9.465 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

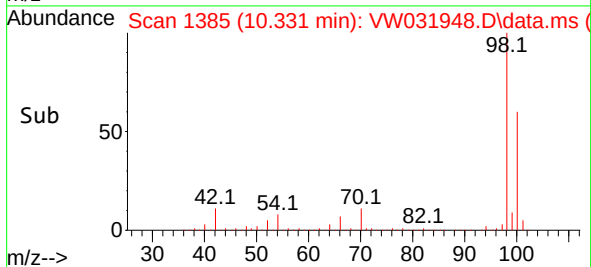
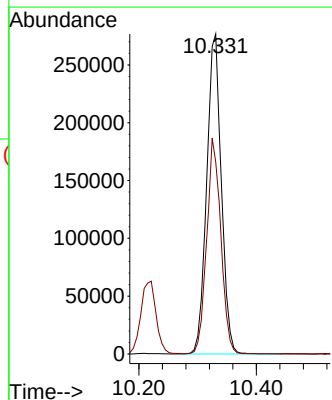
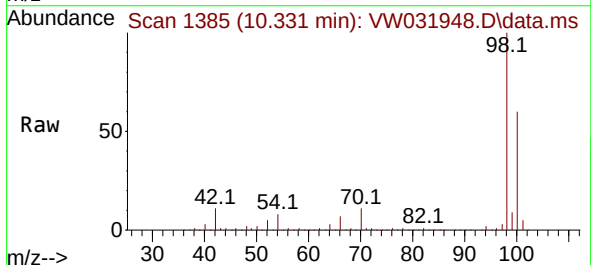
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

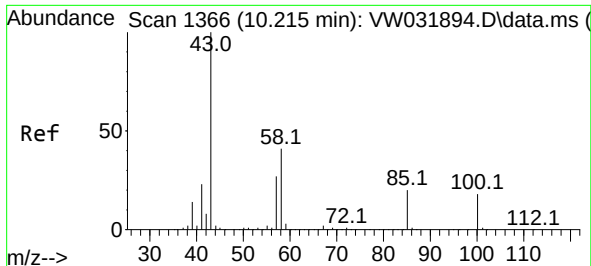
Tgt Ion: 88 Resp: 26174
 Ion Ratio Lower Upper
 88 100
 43 23.1 19.0 28.4
 58 61.9 58.2 87.2



#50
 Toluene-d8
 Concen: 50.293 ug/l
 RT: 10.331 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

Tgt Ion: 98 Resp: 476913
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.7 77.5

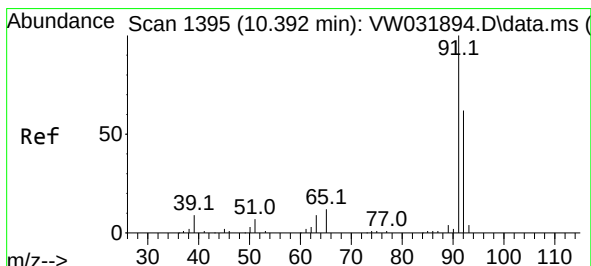
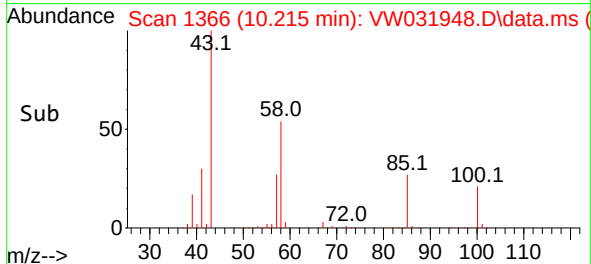
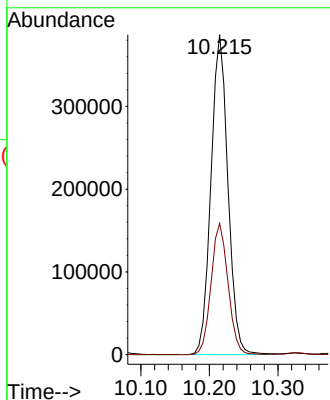
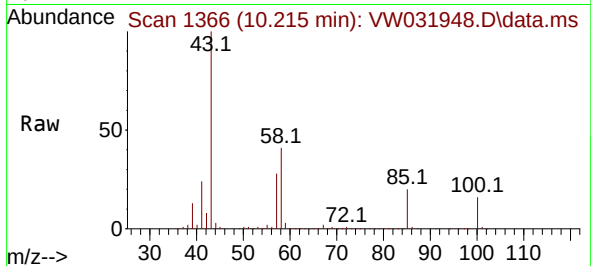




#51
4-Methyl-2-Pentanone
Concen: 305.975 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

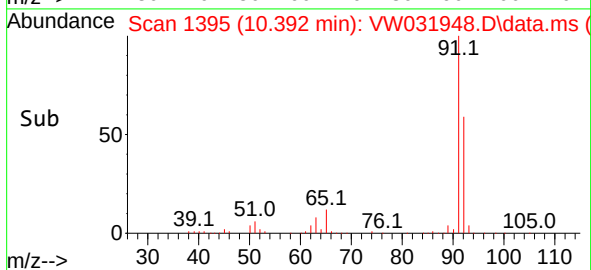
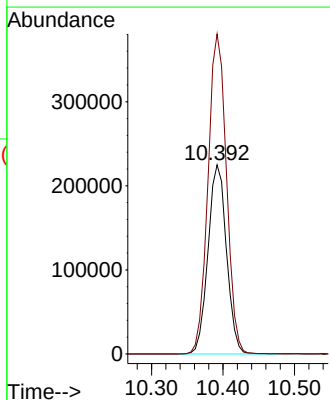
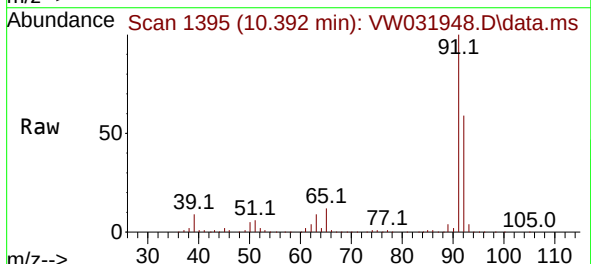
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

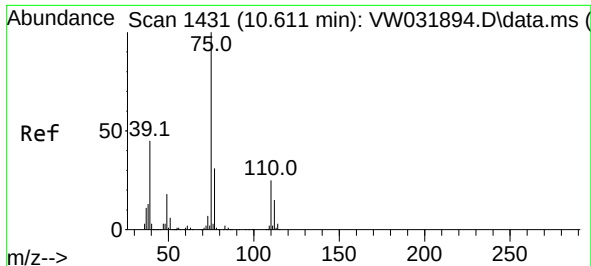
Tgt Ion: 43 Resp: 665407
Ion Ratio Lower Upper
43 100
58 41.1 32.8 49.2



#52
Toluene
Concen: 55.097 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 92 Resp: 403429
Ion Ratio Lower Upper
92 100
91 169.3 133.7 200.5

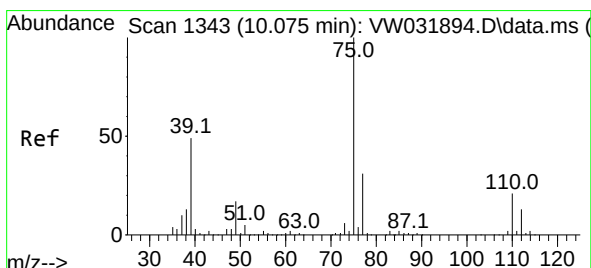
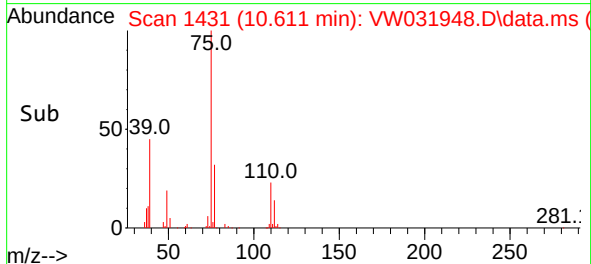
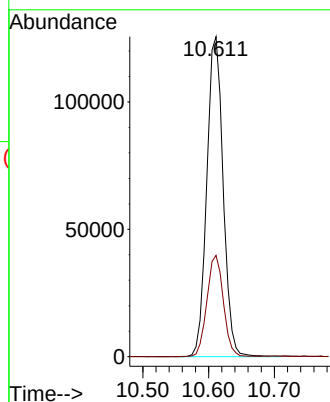
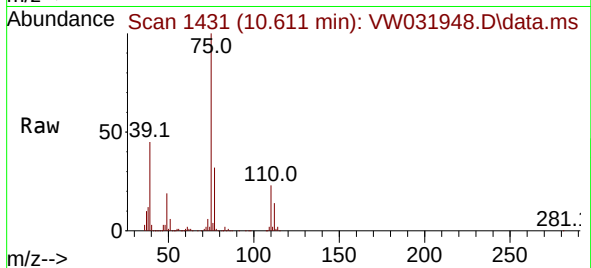




#53
t-1,3-Dichloropropene
Concen: 55.564 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

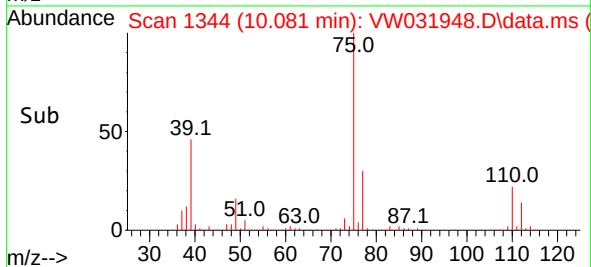
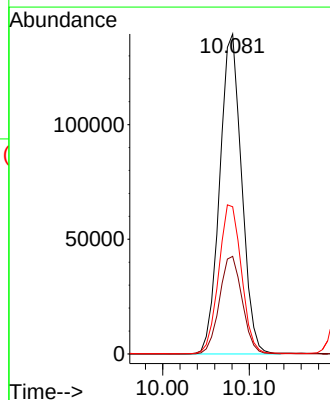
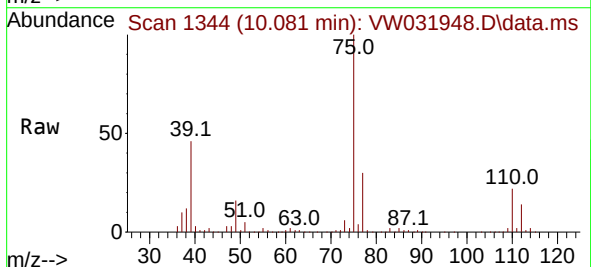
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

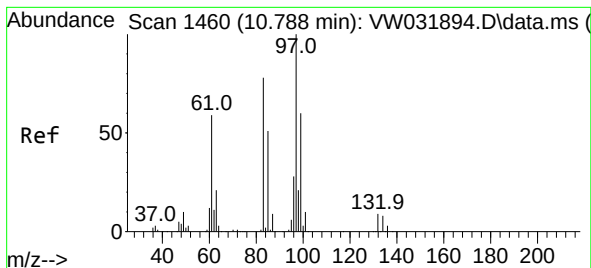
Tgt Ion: 75 Resp: 217336
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 54.926 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 75 Resp: 245347
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7
39 45.9 39.3 58.9



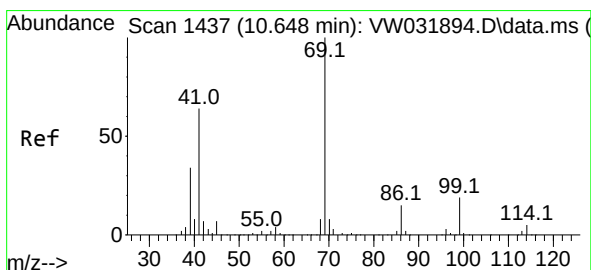
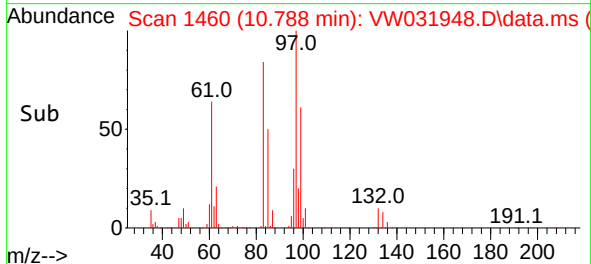
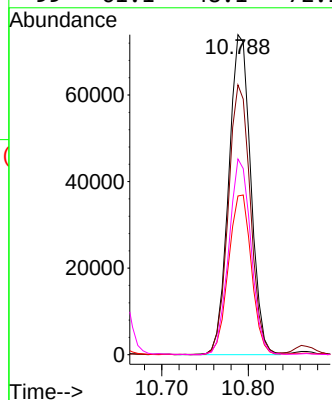
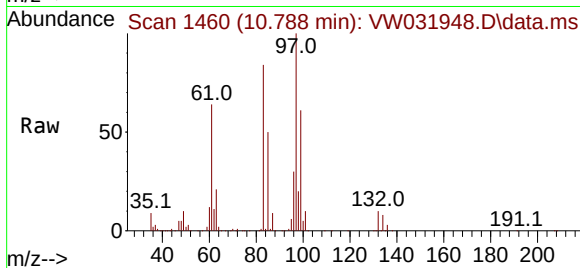


#55
1,1,2-Trichloroethane
Concen: 58.040 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 131100

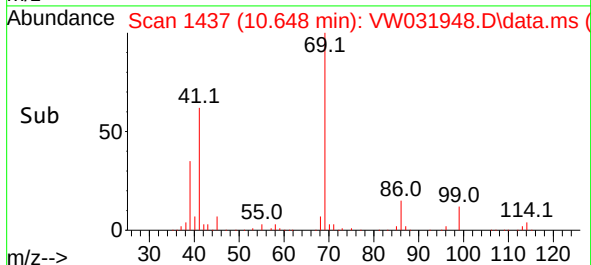
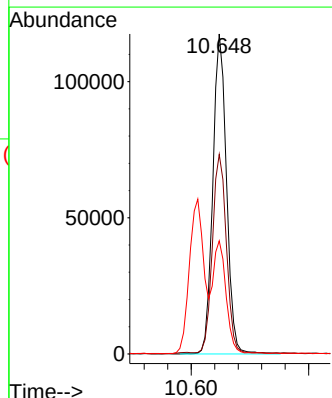
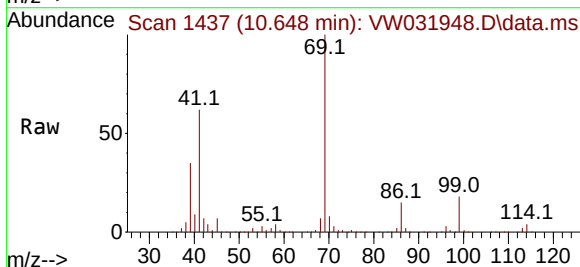
Ion	Ratio	Lower	Upper
97	100		
83	84.2	62.4	93.6
85	49.5	41.0	61.6
99	61.1	48.1	72.1

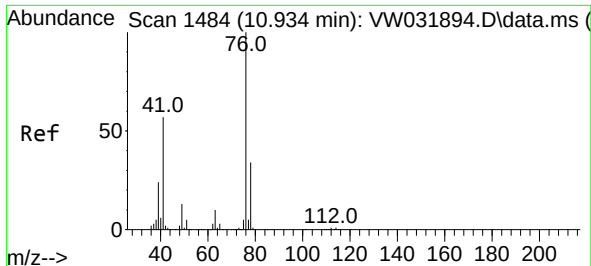


#56
Ethyl methacrylate
Concen: 59.527 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 69 Resp: 189896

Ion	Ratio	Lower	Upper
69	100		
41	63.5	52.0	78.0
39	33.7	26.6	40.0





#57

1,3-Dichloropropane

Concen: 57.009 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

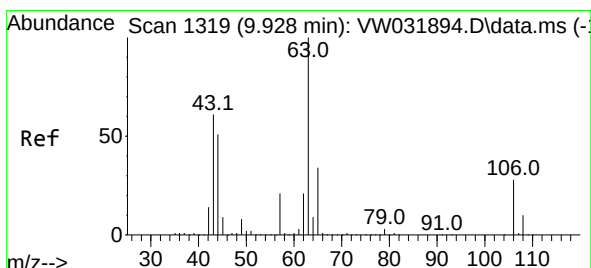
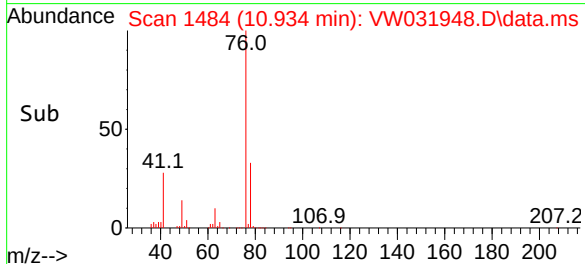
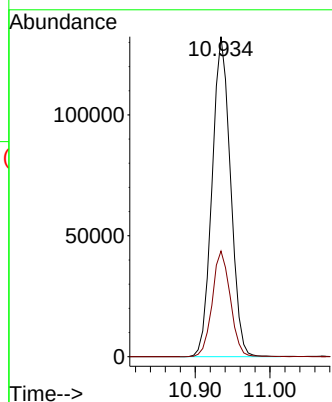
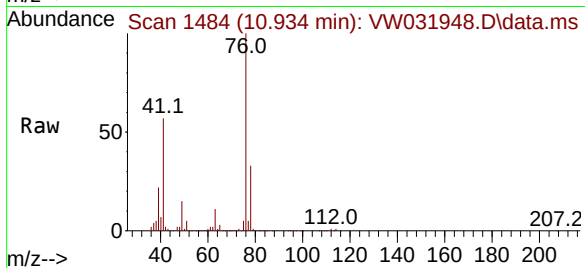
VSTDCCC050EC

Tgt Ion: 76 Resp: 226860

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 293.413 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031948.D

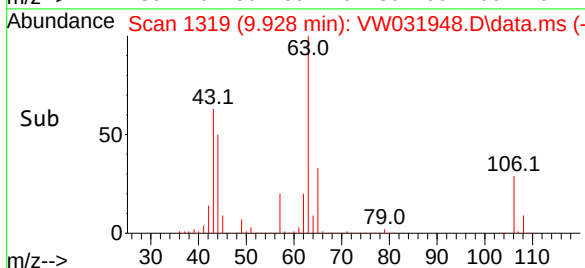
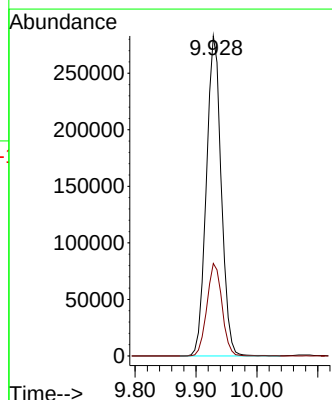
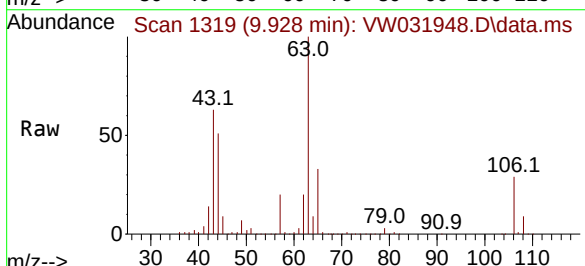
Acq: 28 Jul 2025 16:09

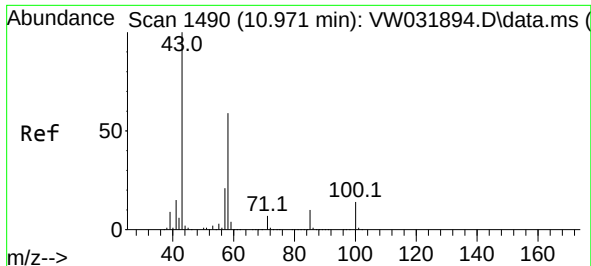
Tgt Ion: 63 Resp: 480787

Ion Ratio Lower Upper

63 100

106 29.3 22.7 34.1

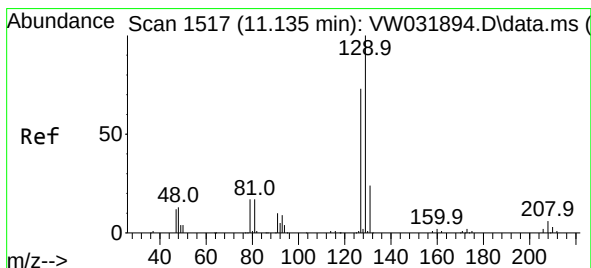
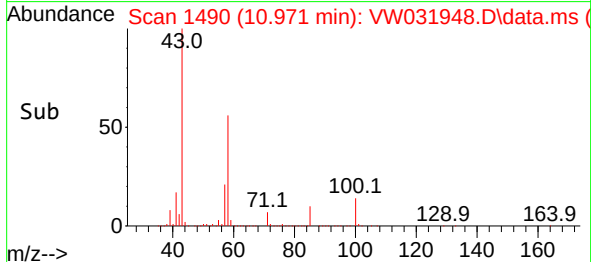
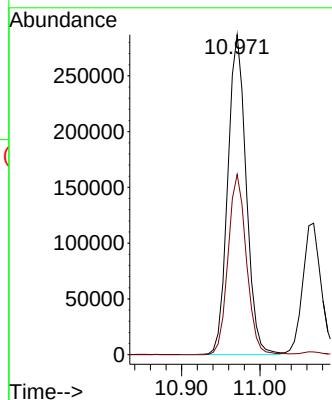
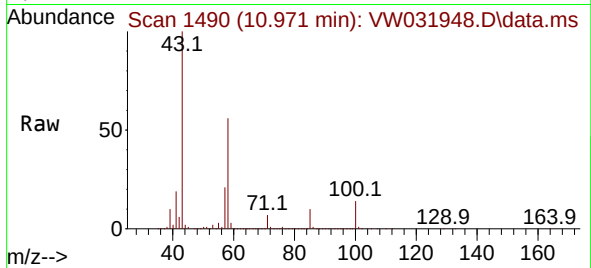




#59
2-Hexanone
Concen: 308.844 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

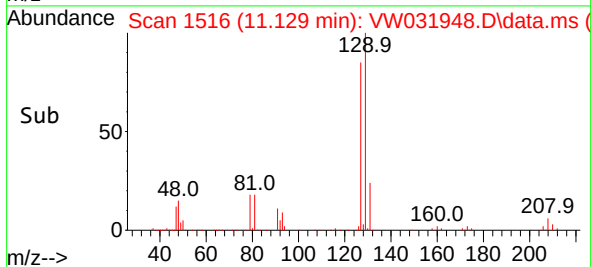
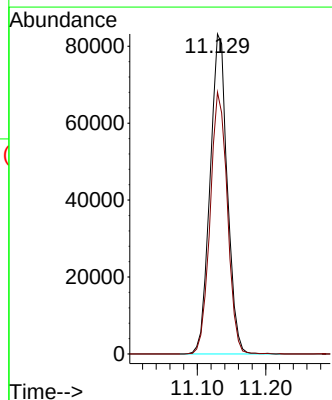
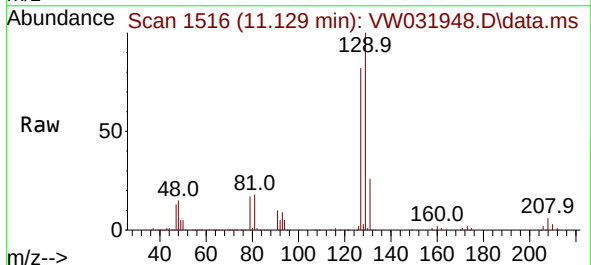
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

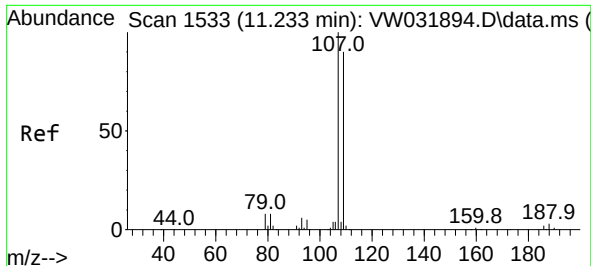
Tgt Ion: 43 Resp: 466859
Ion Ratio Lower Upper
43 100
58 56.4 28.5 85.6



#60
Dibromochloromethane
Concen: 55.246 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:129 Resp: 145493
Ion Ratio Lower Upper
129 100
127 81.8 39.6 118.8

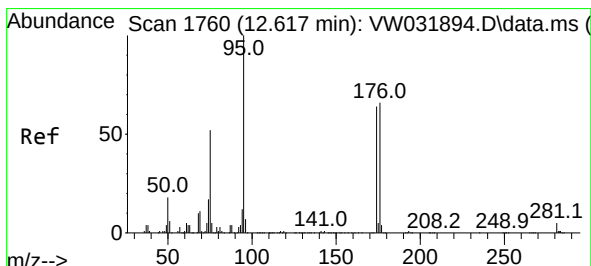
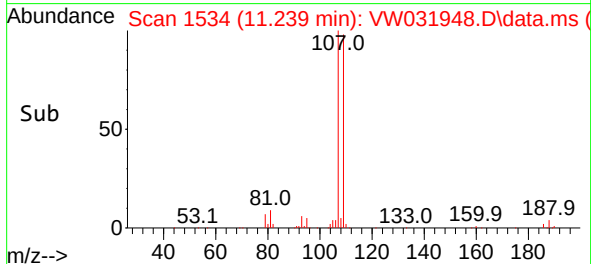
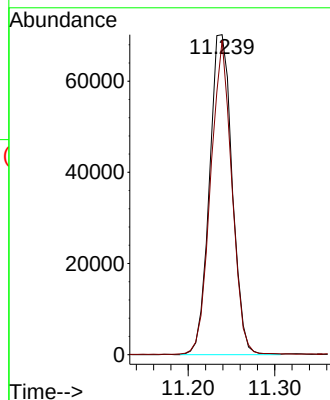
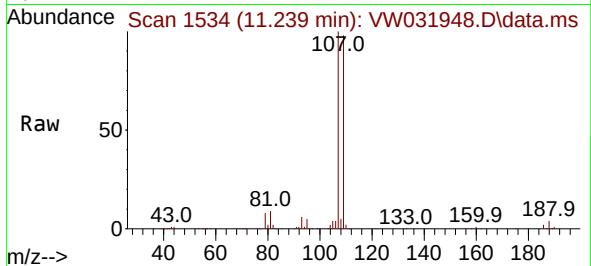




#61
1,2-Dibromoethane
Concen: 57.315 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

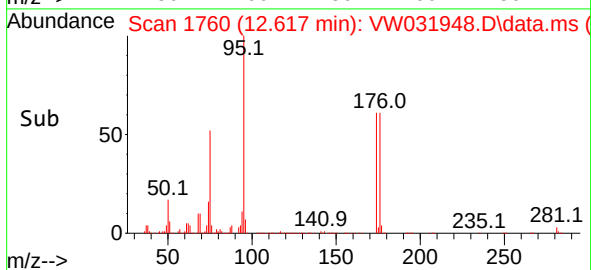
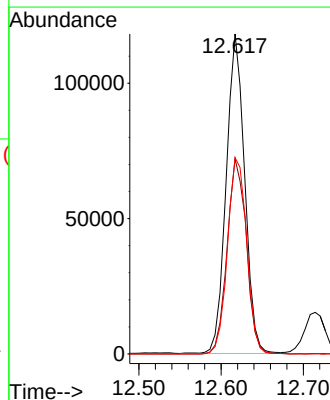
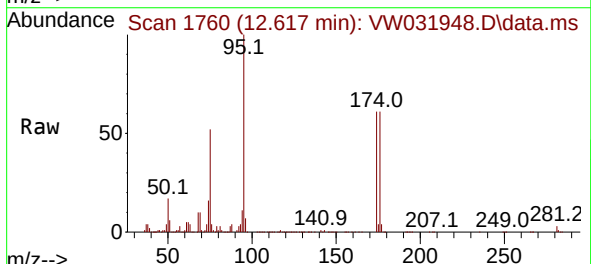
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

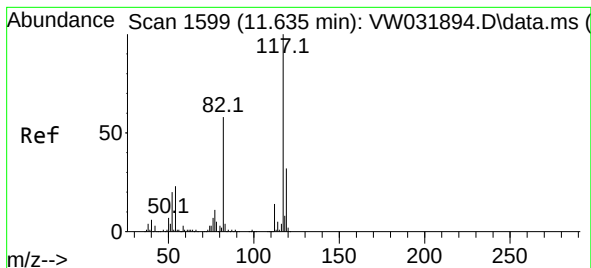
Tgt Ion:107 Resp: 127924
Ion Ratio Lower Upper
107 100
109 91.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.542 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 95 Resp: 184032
Ion Ratio Lower Upper
95 100
174 63.5 0.0 129.8
176 63.9 0.0 130.4

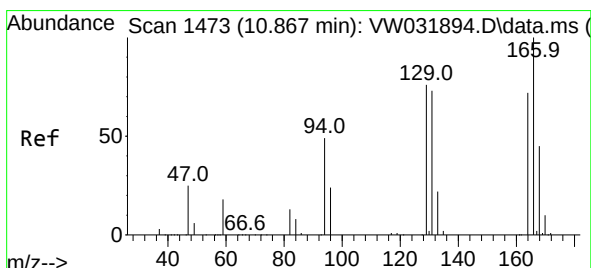
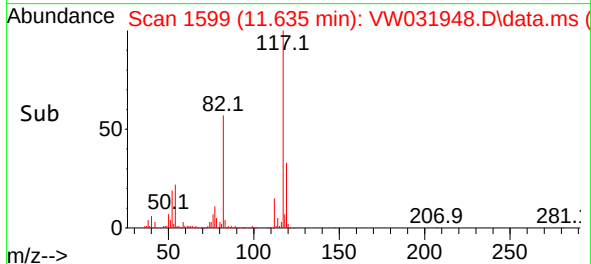
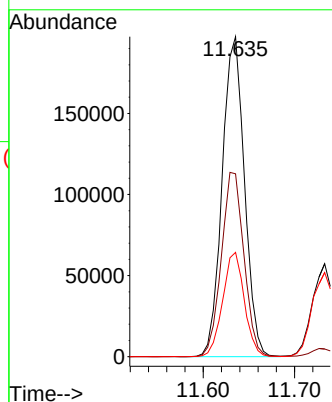
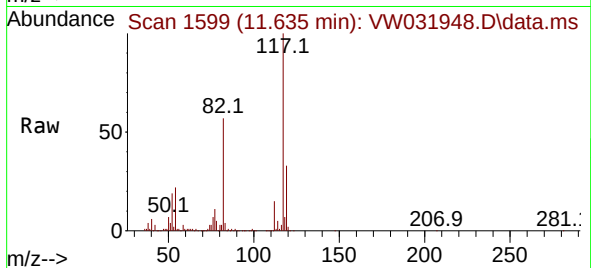




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

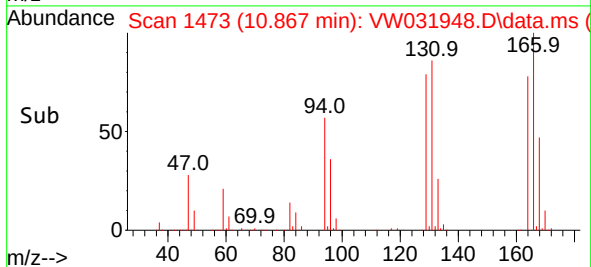
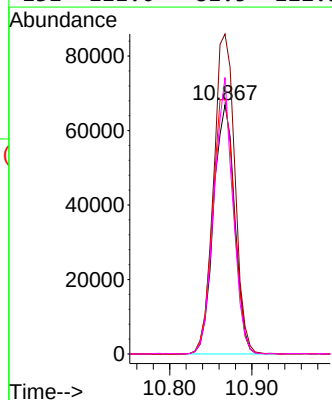
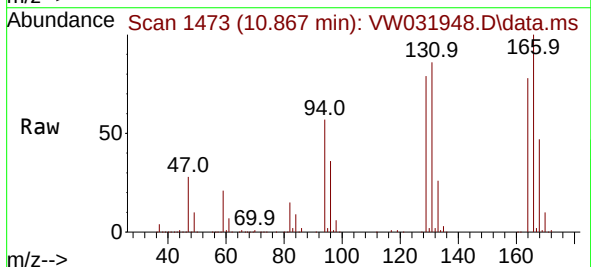
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

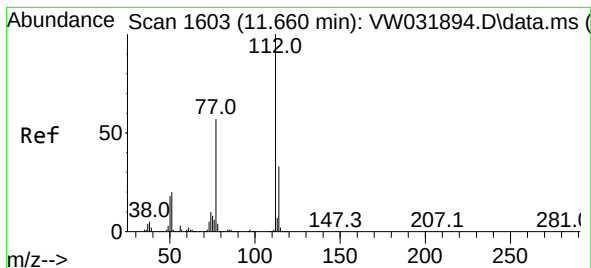
Tgt Ion:117 Resp: 334628
Ion Ratio Lower Upper
117 100
82 57.2 46.5 69.7
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 54.236 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:164 Resp: 119658
Ion Ratio Lower Upper
164 100
166 128.4 111.5 167.3
129 102.0 85.1 127.7
131 111.0 81.5 122.3





#65

Chlorobenzene

Concen: 53.248 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

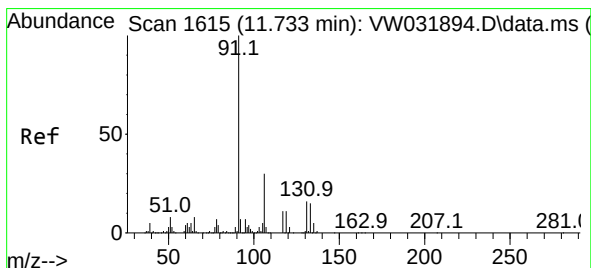
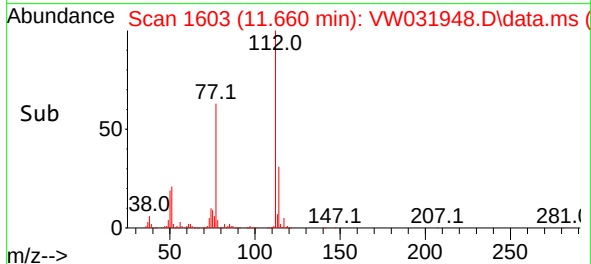
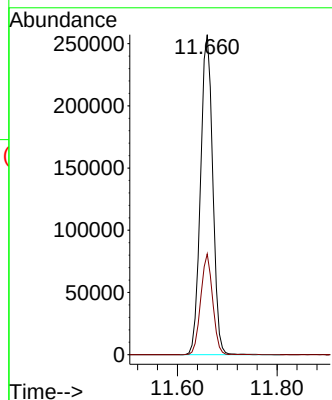
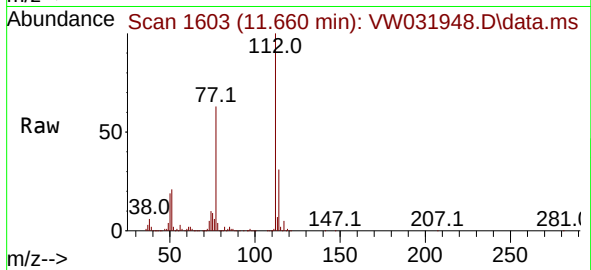
VSTDCCC050EC

Tgt Ion:112 Resp: 436093

Ion Ratio Lower Upper

112 100

114 31.5 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.949 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

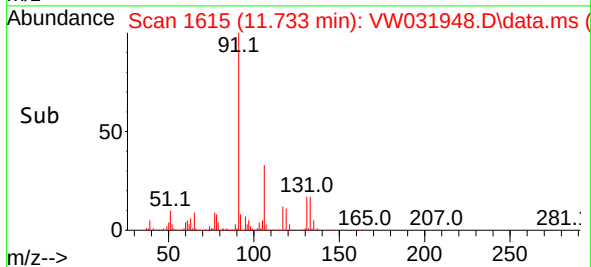
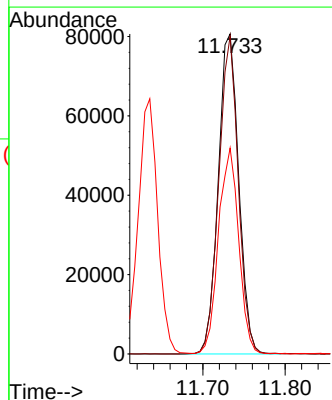
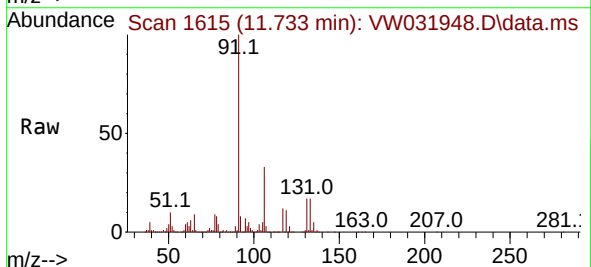
Tgt Ion:131 Resp: 139513

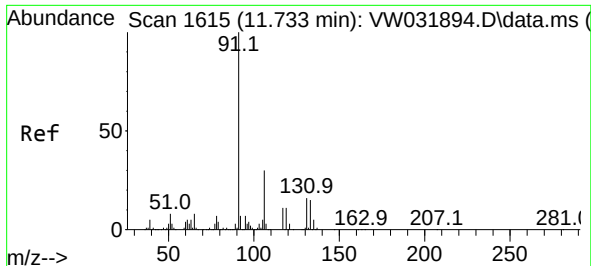
Ion Ratio Lower Upper

131 100

133 94.9 48.1 144.4

119 63.5 33.7 101.1

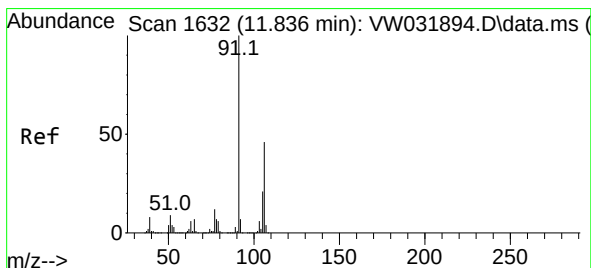
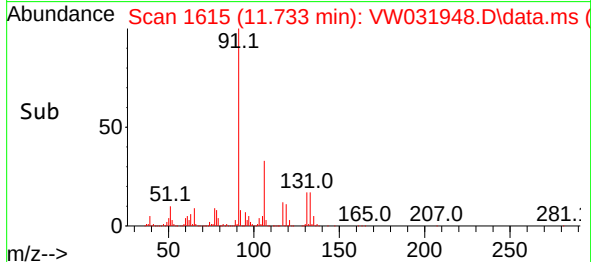
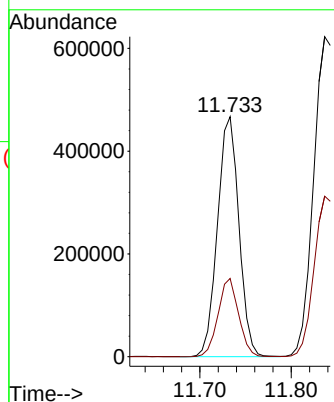
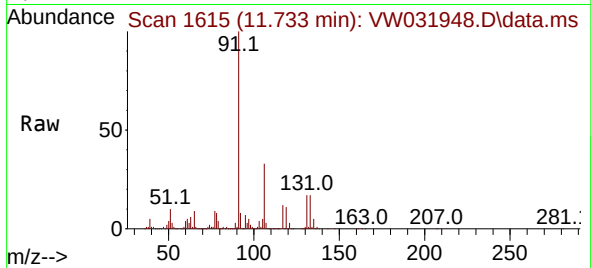




#67
Ethyl Benzene
Concen: 52.866 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

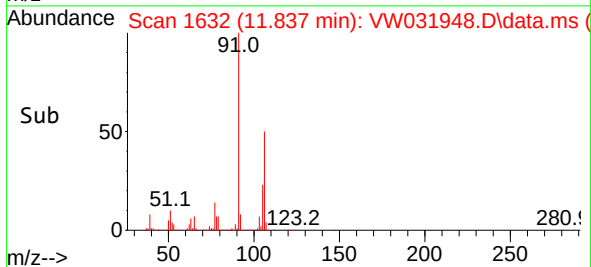
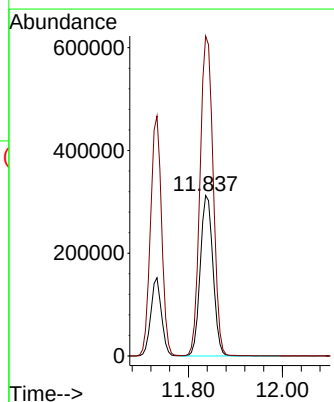
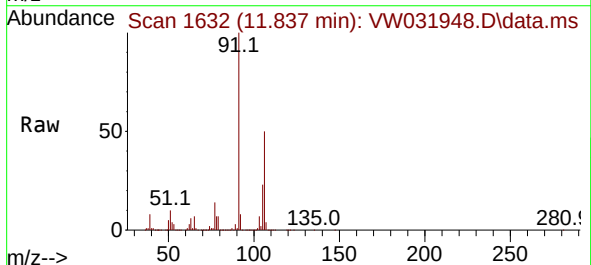
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

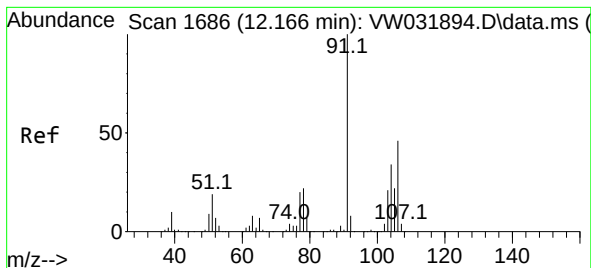
Tgt Ion: 91 Resp: 760722
Ion Ratio Lower Upper
91 100
106 32.6 23.8 35.6



#68
m/p-Xylenes
Concen: 108.658 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:106 Resp: 588605
Ion Ratio Lower Upper
106 100
91 205.3 167.7 251.5





#69

o-Xylene

Concen: 54.309 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

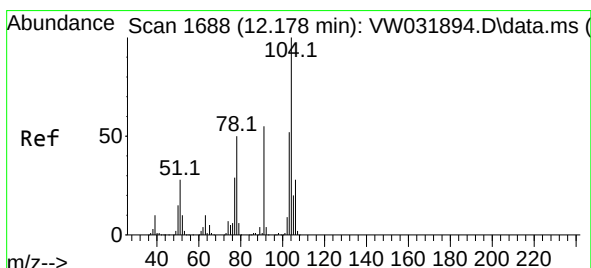
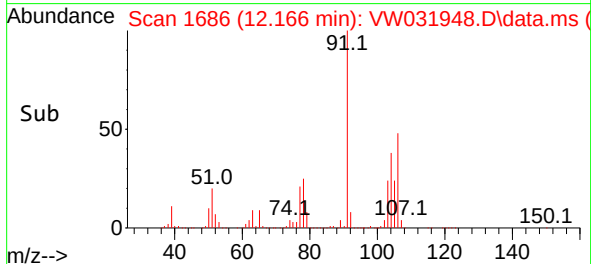
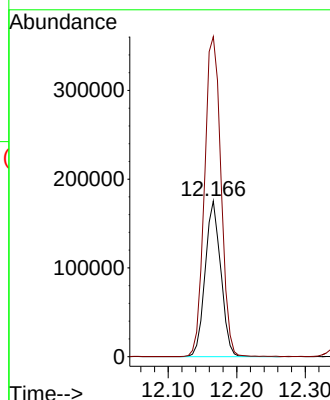
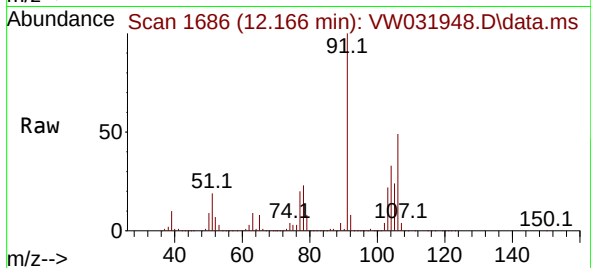
VSTDCCC050EC

Tgt Ion:106 Resp: 278415

Ion Ratio Lower Upper

106 100

91 216.6 108.2 324.6



#70

Styrene

Concen: 56.230 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

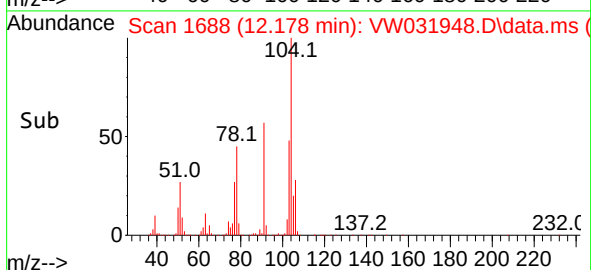
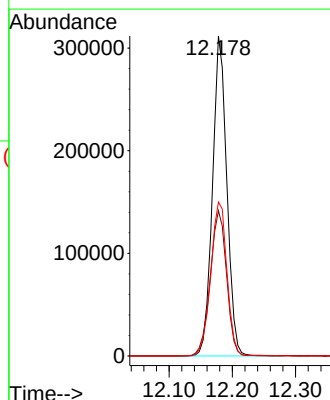
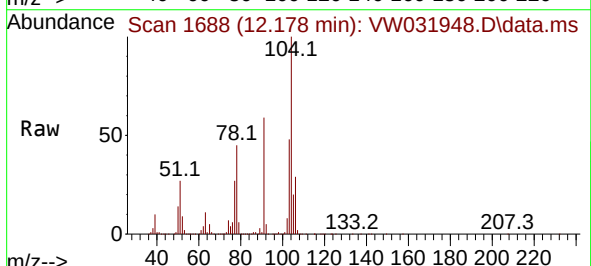
Tgt Ion:104 Resp: 490794

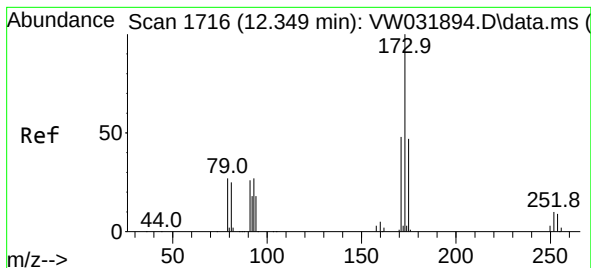
Ion Ratio Lower Upper

104 100

78 51.7 42.2 63.4

103 54.3 42.8 64.2





#71

Bromoform

Concen: 57.772 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

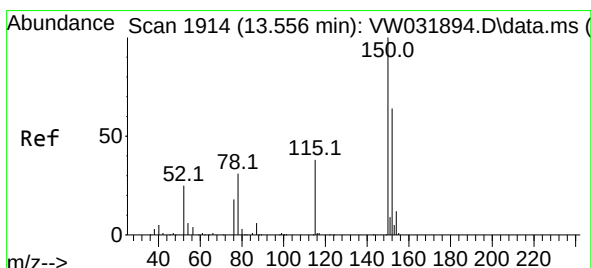
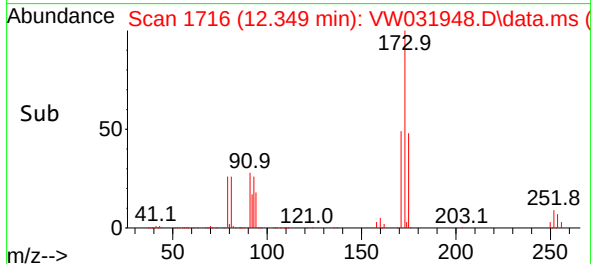
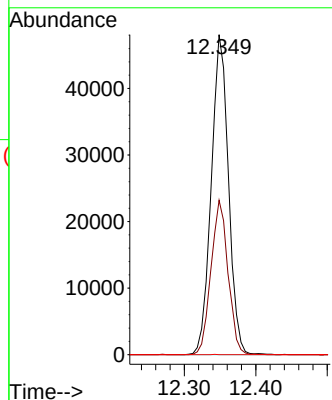
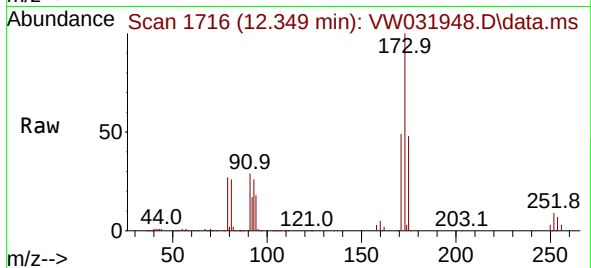
Tgt Ion:173 Resp: 80220

Ion Ratio Lower Upper

173 100

175 47.8 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

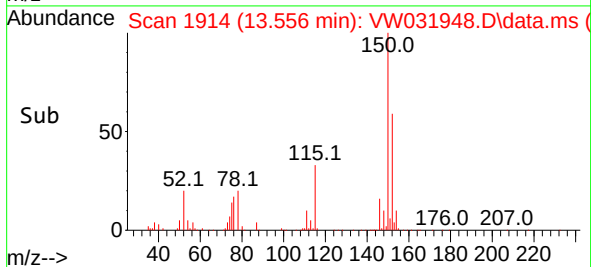
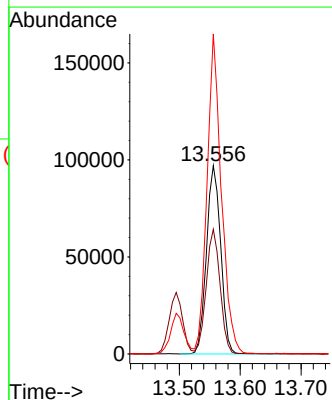
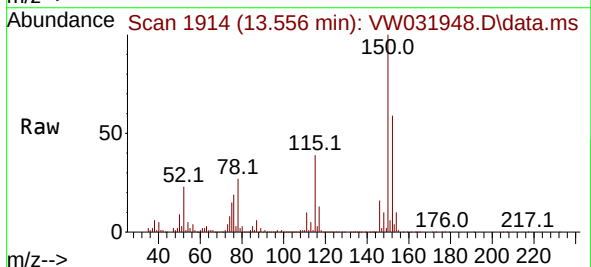
Tgt Ion:152 Resp: 158135

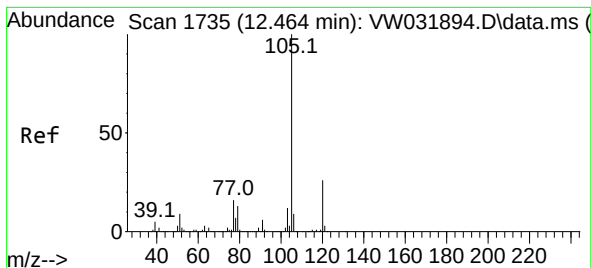
Ion Ratio Lower Upper

152 100

115 63.7 33.4 100.1

150 170.3 0.0 352.2





#73

Isopropylbenzene

Concen: 52.012 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

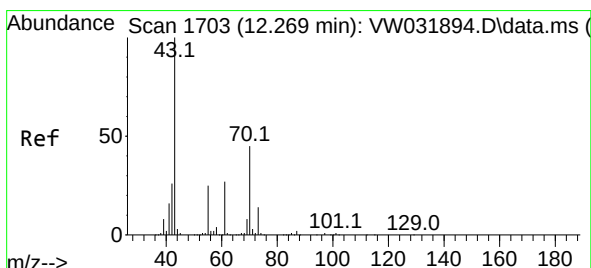
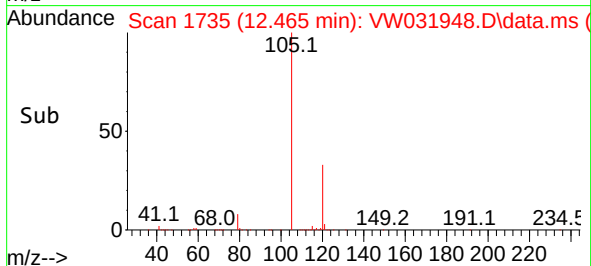
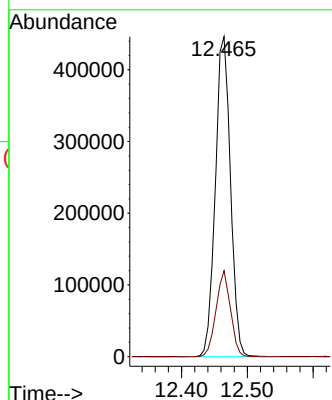
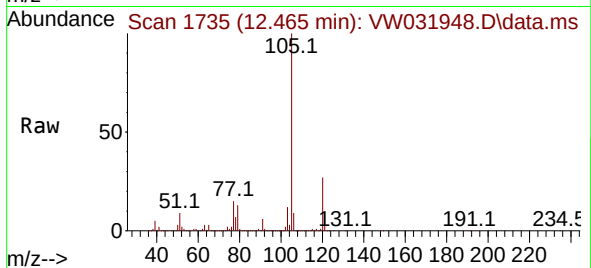
VSTDCCC050EC

Tgt Ion:105 Resp: 713643

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 56.405 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Tgt Ion: 43 Resp: 209227

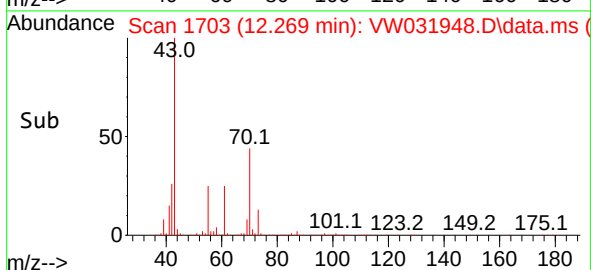
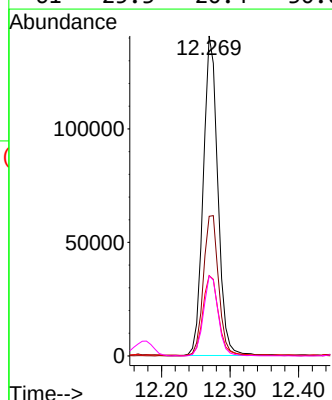
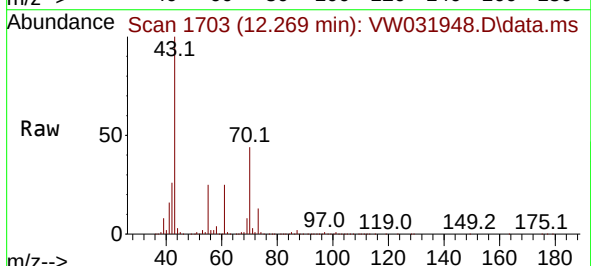
Ion Ratio Lower Upper

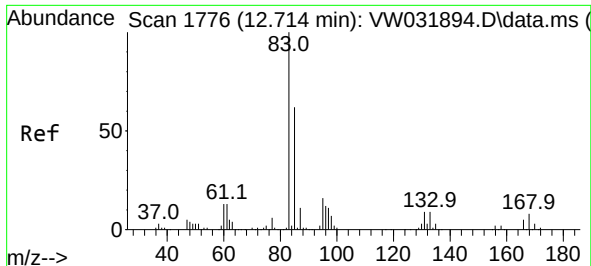
43 100

70 45.8 36.6 55.0

55 26.6 20.7 31.1

61 25.3 20.4 30.6

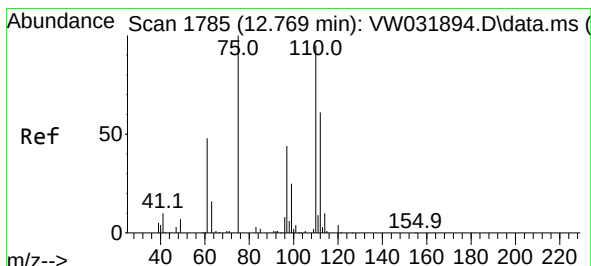
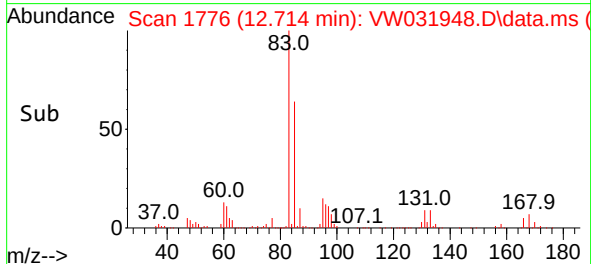
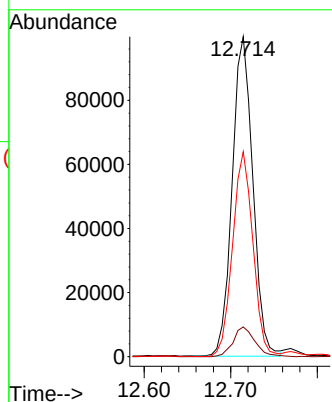
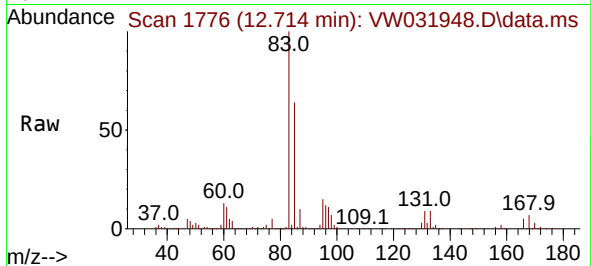




#75
1,1,2,2-Tetrachloroethane
Concen: 56.687 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

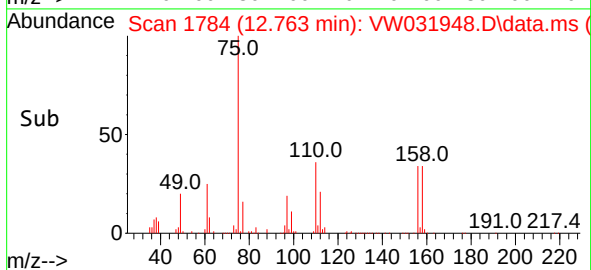
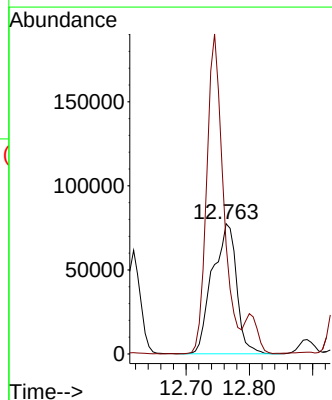
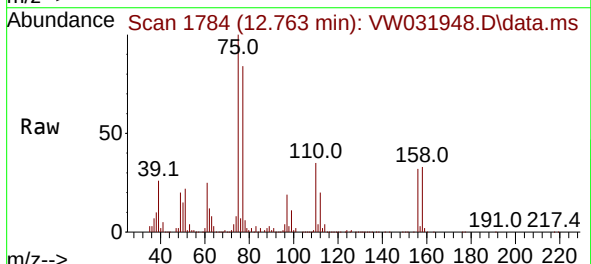
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

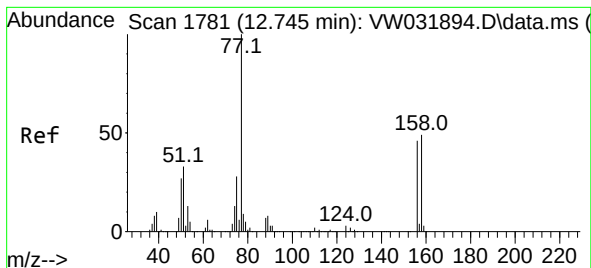
Tgt Ion: 83 Resp: 165097
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 93.829 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 75 Resp: 204857
Ion Ratio Lower Upper
75 100
77 171.6 0.0 0.0#





#77

Bromobenzene

Concen: 54.291 ug/l

RT: 12.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

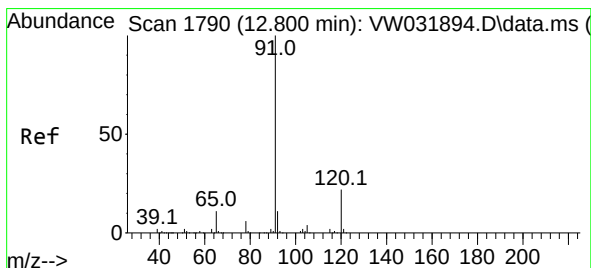
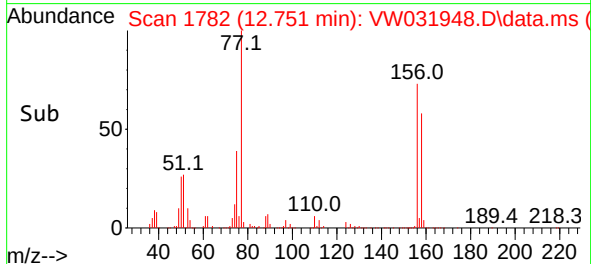
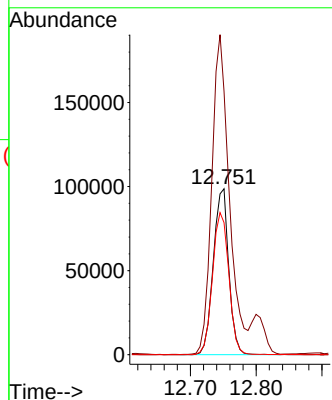
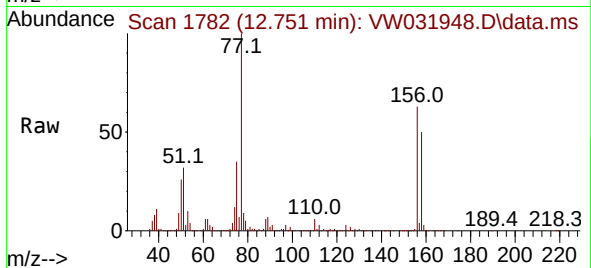
Tgt Ion:156 Resp: 161175

Ion Ratio Lower Upper

156 100

77 218.2 115.3 345.8

158 90.6 50.1 150.3



#78

n-propylbenzene

Concen: 52.214 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031948.D

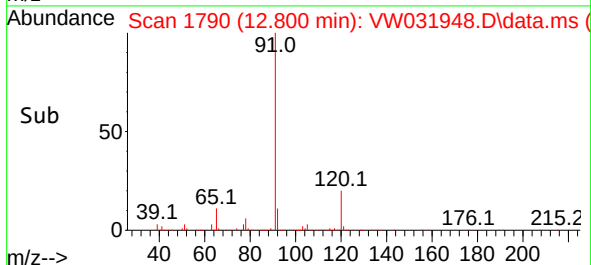
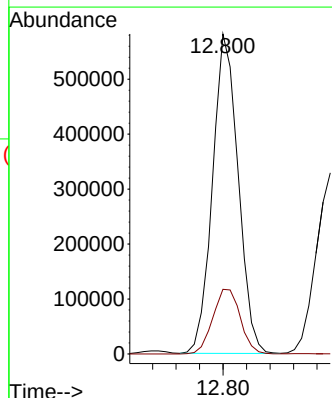
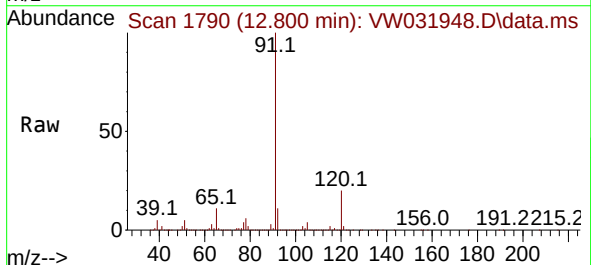
Acq: 28 Jul 2025 16:09

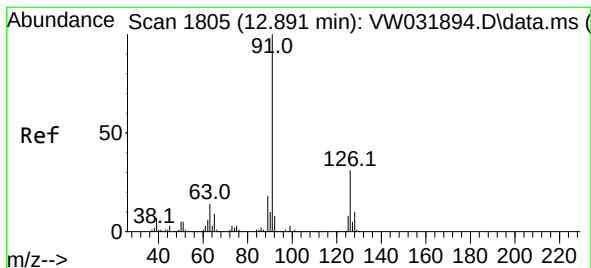
Tgt Ion: 91 Resp: 879900

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6

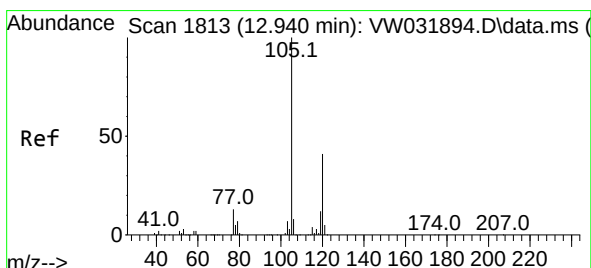
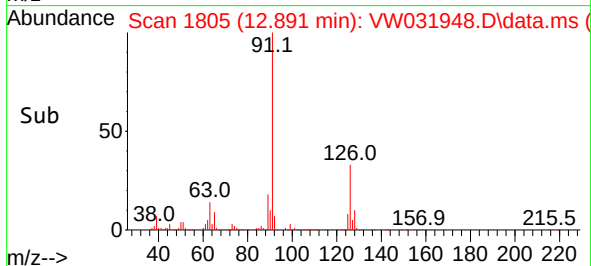
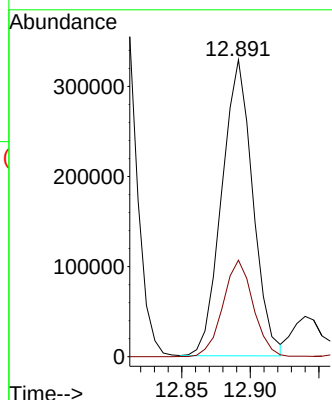
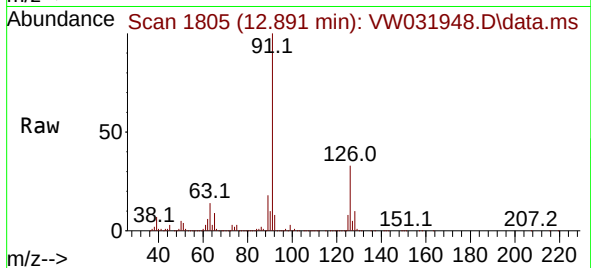




#79
2-Chlorotoluene
Concen: 51.535 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

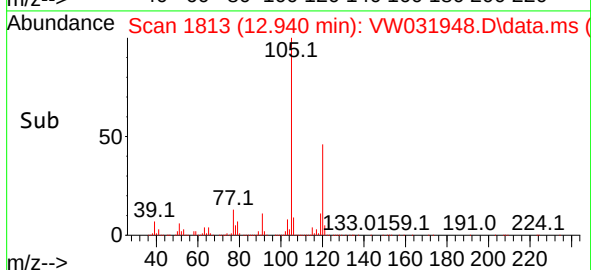
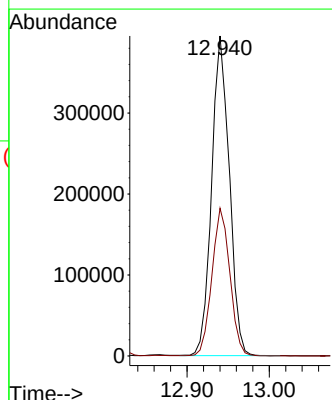
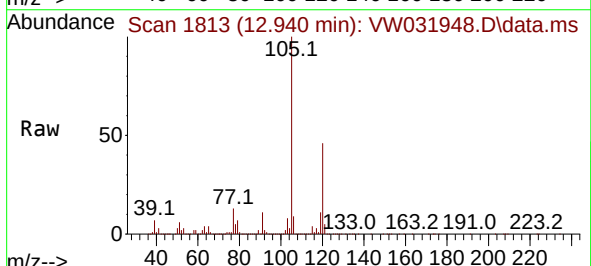
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

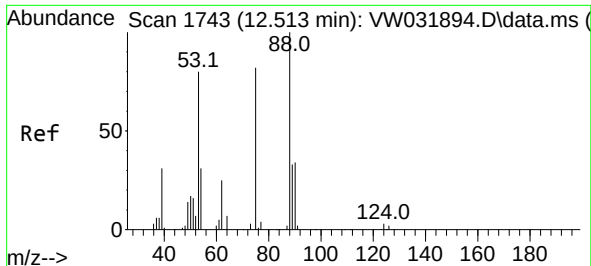
Tgt Ion: 91 Resp: 518522
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 51.247 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:105 Resp: 589727
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5

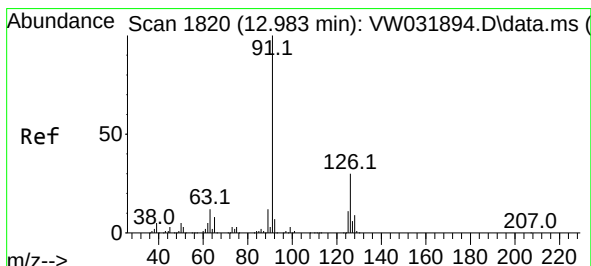
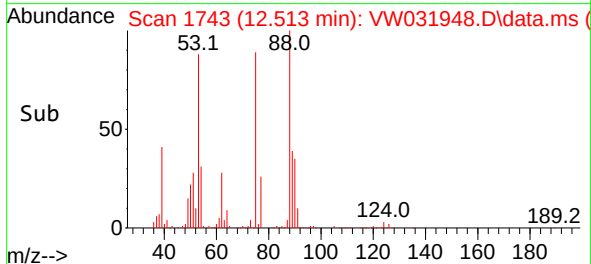
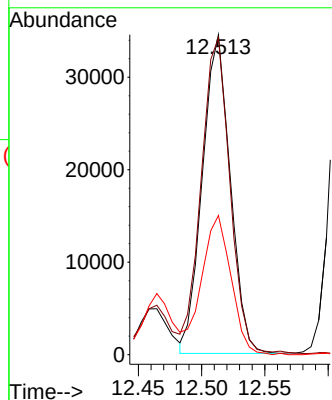
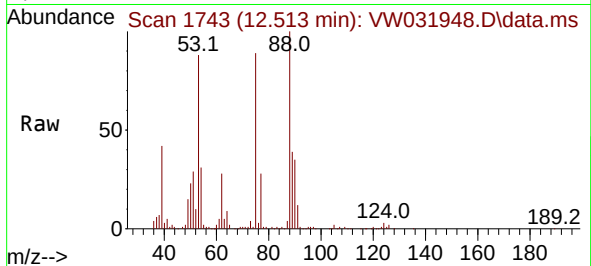




#81
trans-1,4-Dichloro-2-butene
Concen: 55.885 ug/l
RT: 12.513 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

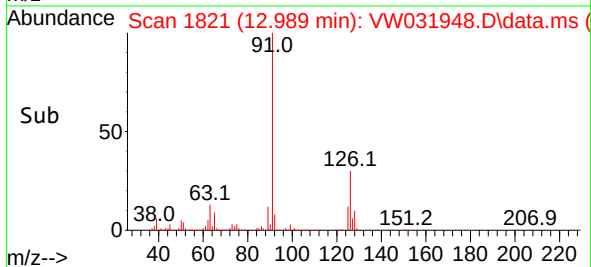
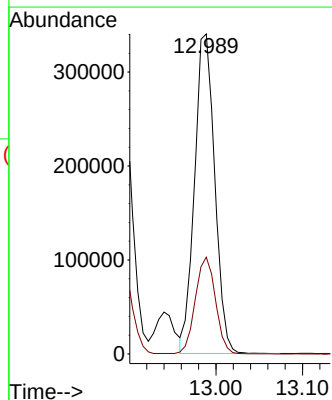
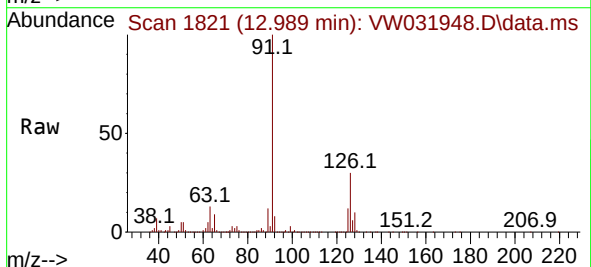
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

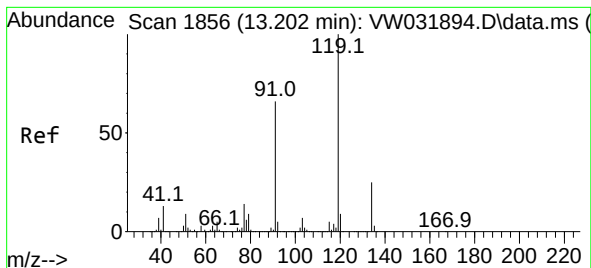
Tgt Ion: 75 Resp: 52849
Ion Ratio Lower Upper
75 100
53 102.0 83.7 125.5
89 46.4 39.0 58.6



#82
4-Chlorotoluene
Concen: 52.070 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion: 91 Resp: 549614
Ion Ratio Lower Upper
91 100
126 30.4 15.8 47.3

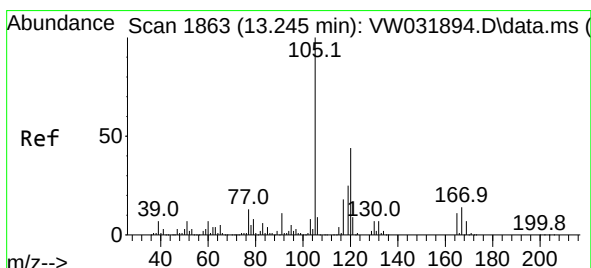
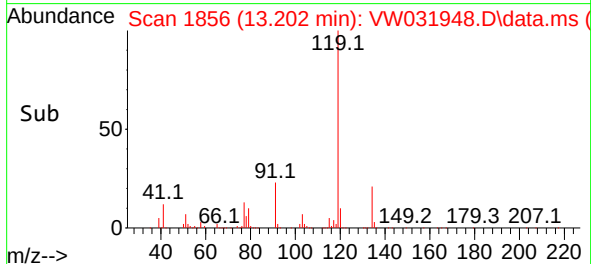
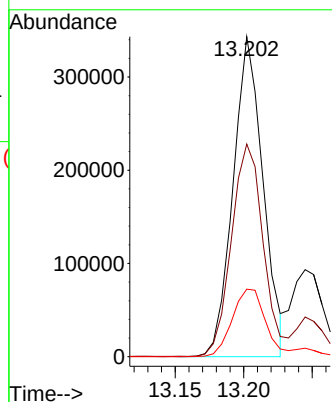
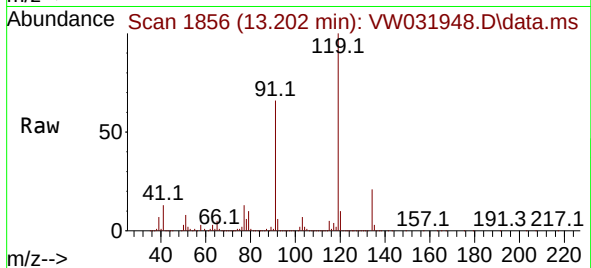




#83
tert-Butylbenzene
Concen: 53.252 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

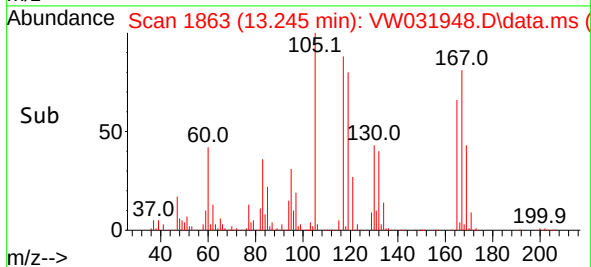
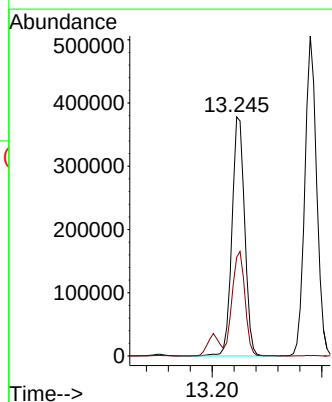
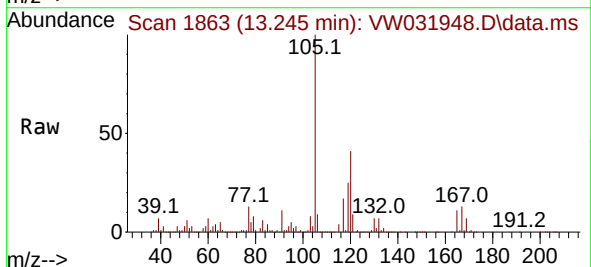
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

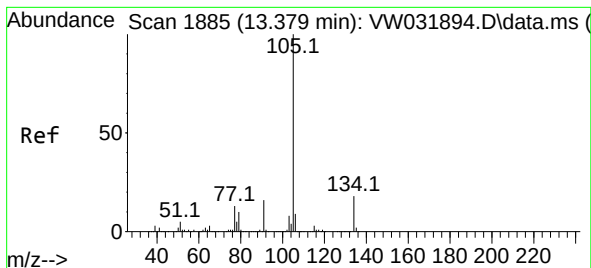
Tgt Ion:119 Resp: 521978
Ion Ratio Lower Upper
119 100
91 70.9 35.5 106.5
134 23.4 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 52.127 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:105 Resp: 607142
Ion Ratio Lower Upper
105 100
120 44.0 21.3 63.9

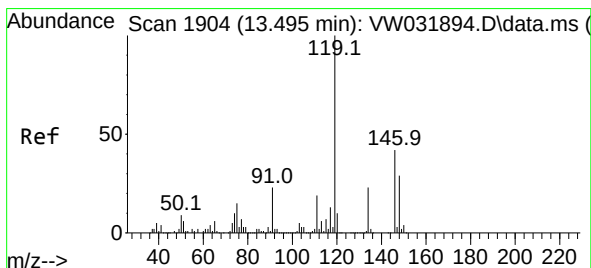
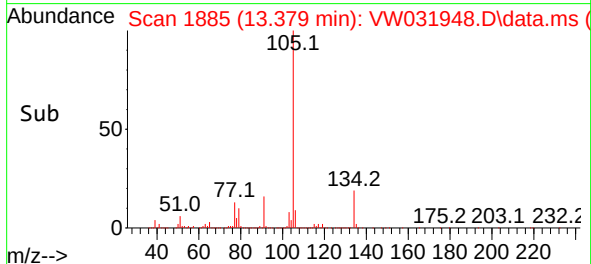
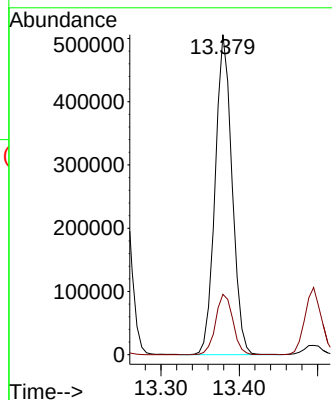
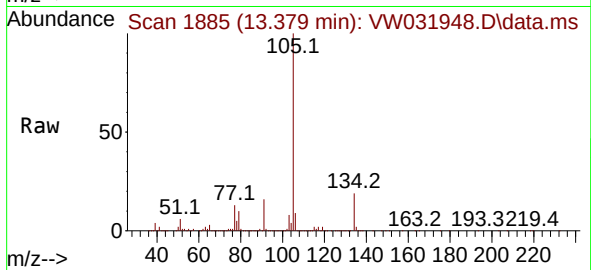




#85
 sec-Butylbenzene
 Concen: 51.507 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

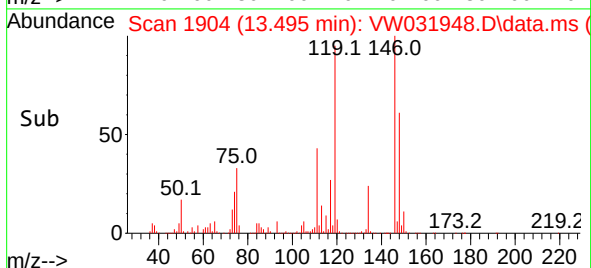
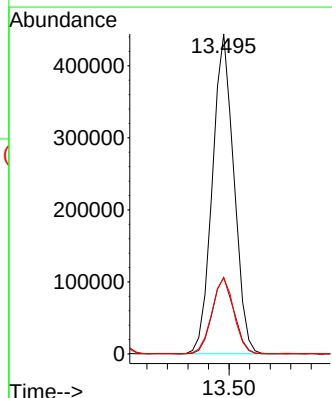
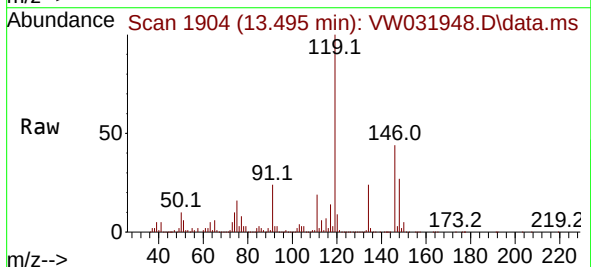
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

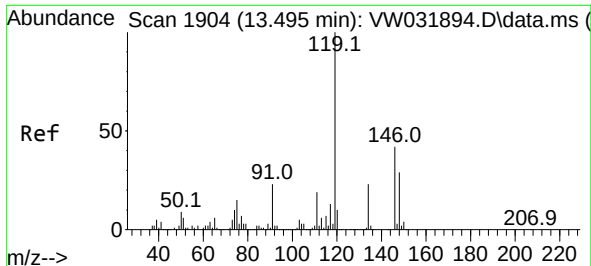
Tgt Ion:105 Resp: 758192
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 53.006 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031948.D
 Acq: 28 Jul 2025 16:09

Tgt Ion:119 Resp: 644920
 Ion Ratio Lower Upper
 119 100
 134 24.1 13.0 39.0
 91 24.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.162 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

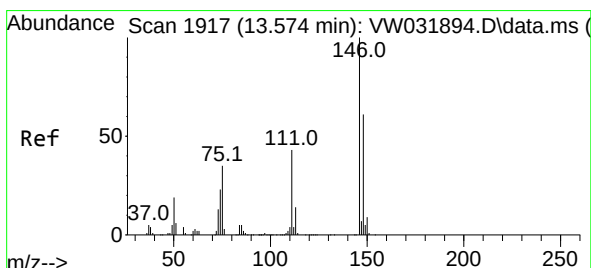
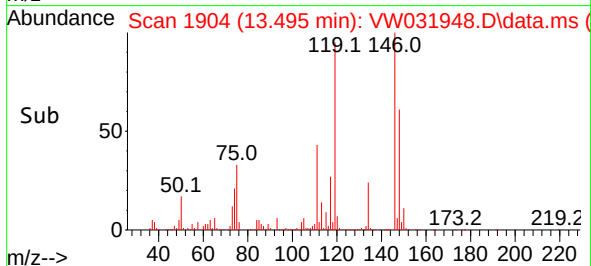
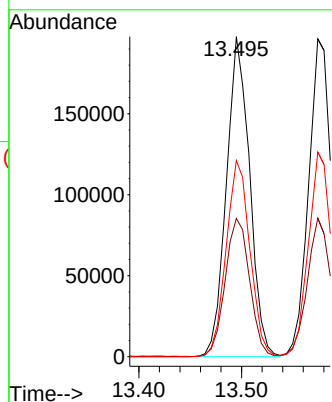
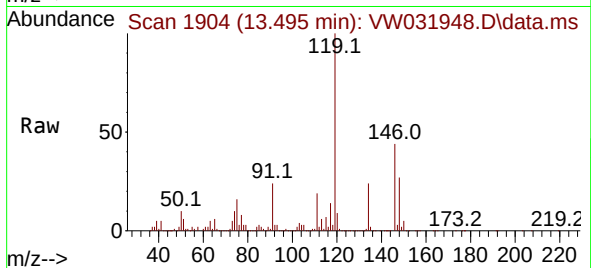
Tgt Ion:146 Resp: 309988

Ion Ratio Lower Upper

146 100

111 45.3 21.9 65.7

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.761 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

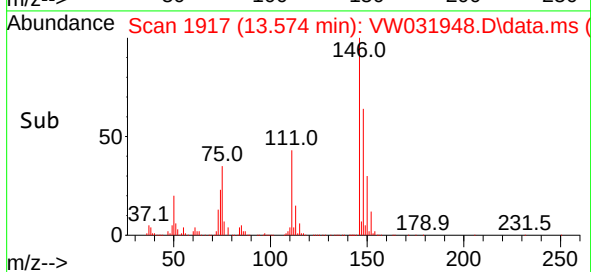
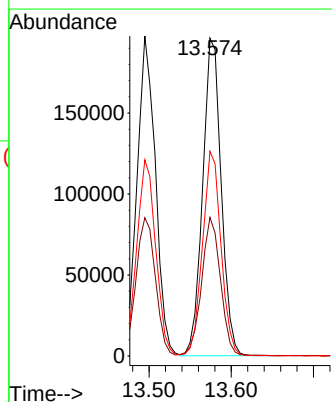
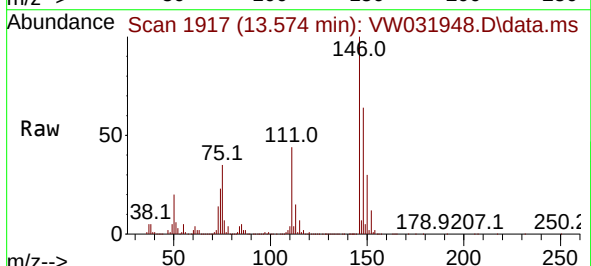
Tgt Ion:146 Resp: 307290

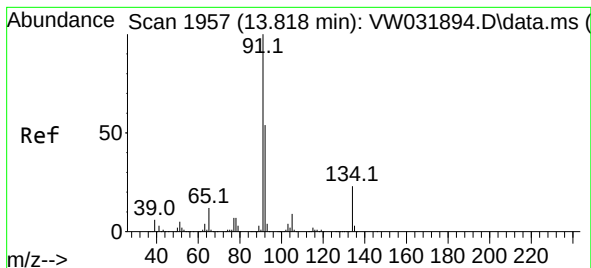
Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.3

148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 53.435 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

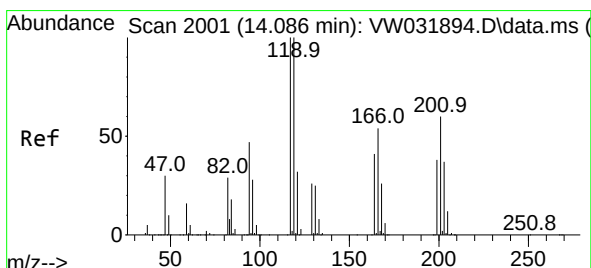
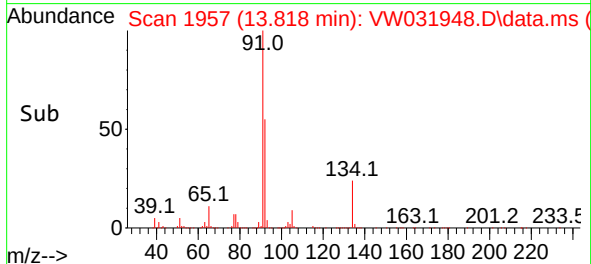
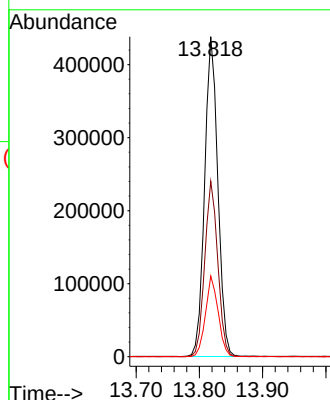
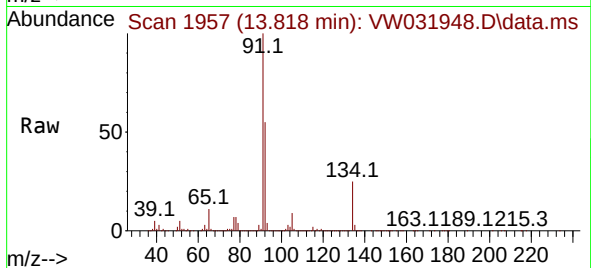
Tgt Ion: 91 Resp: 637777

Ion Ratio Lower Upper

91 100

92 54.1 27.2 81.5

134 24.3 11.6 34.7



#90

Hexachloroethane

Concen: 52.634 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031948.D

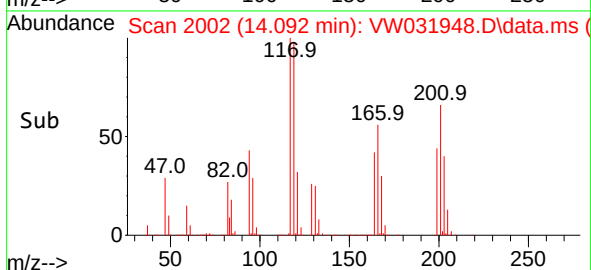
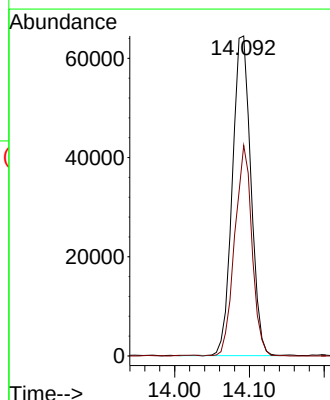
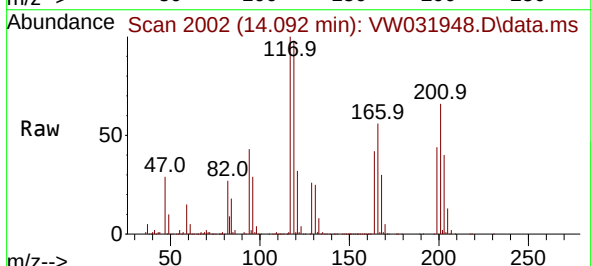
Acq: 28 Jul 2025 16:09

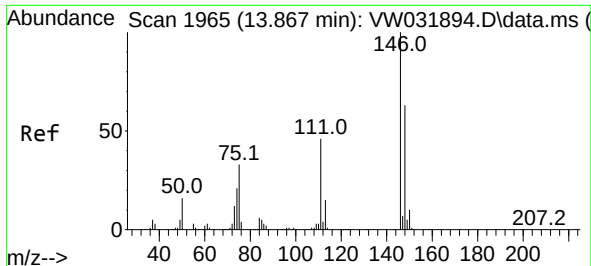
Tgt Ion: 117 Resp: 110737

Ion Ratio Lower Upper

117 100

201 61.6 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 53.486 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

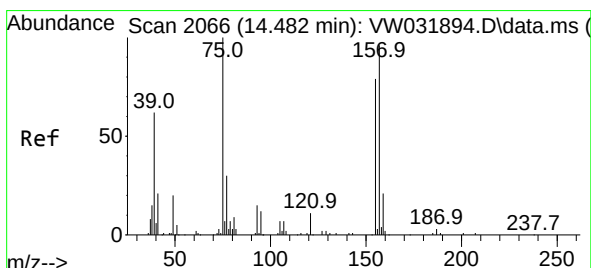
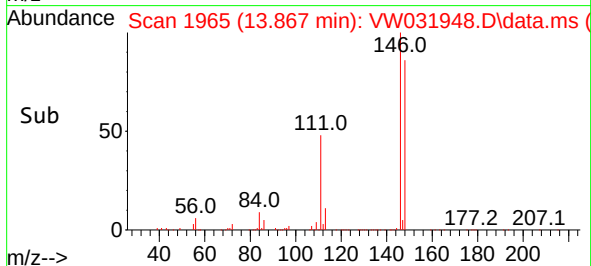
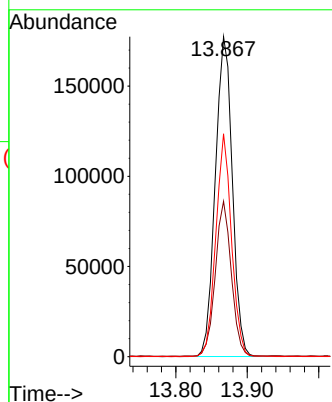
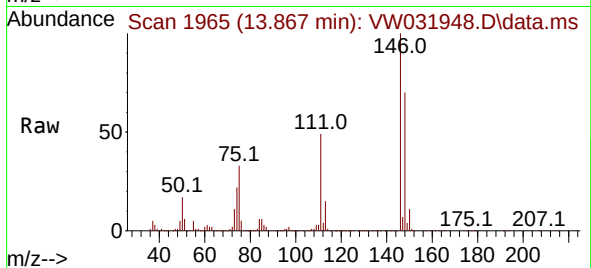
Tgt Ion:146 Resp: 292925

Ion Ratio Lower Upper

146 100

111 45.3 23.6 71.0

148 64.3 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.483 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031948.D

Acq: 28 Jul 2025 16:09

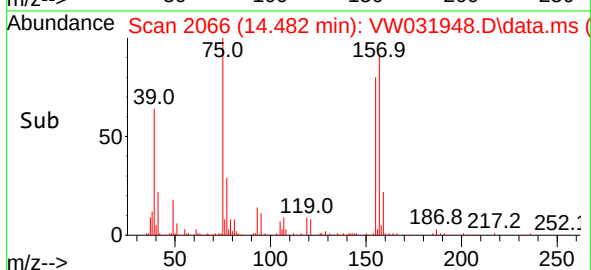
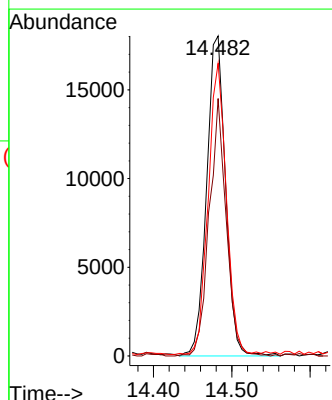
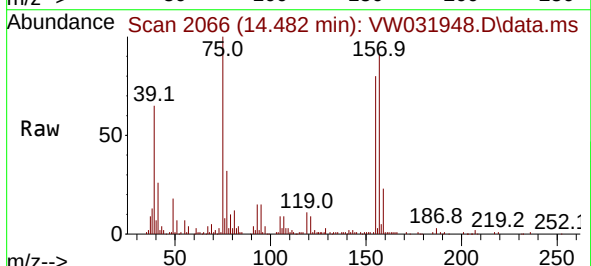
Tgt Ion: 75 Resp: 30246

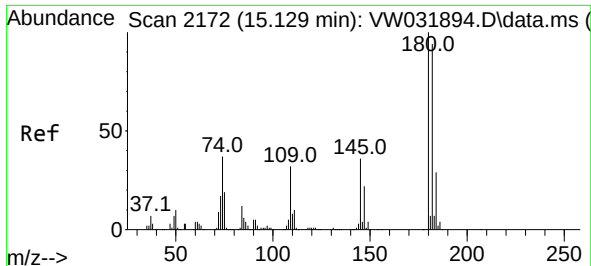
Ion Ratio Lower Upper

75 100

155 72.6 35.9 107.7

157 87.3 47.4 142.2

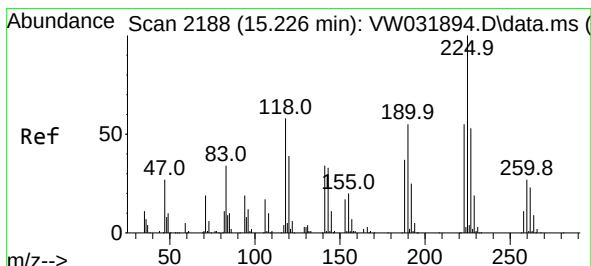
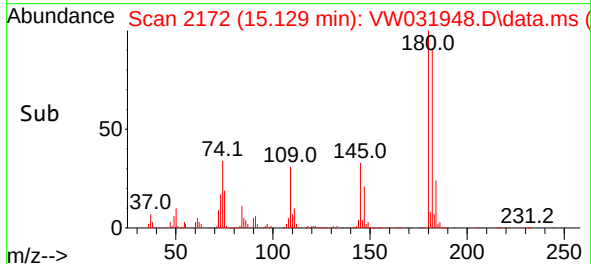
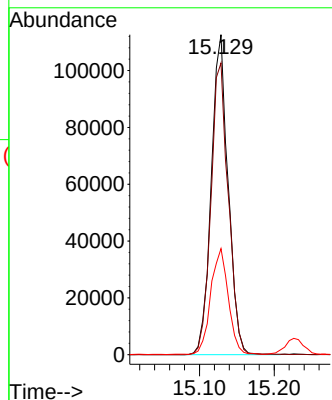
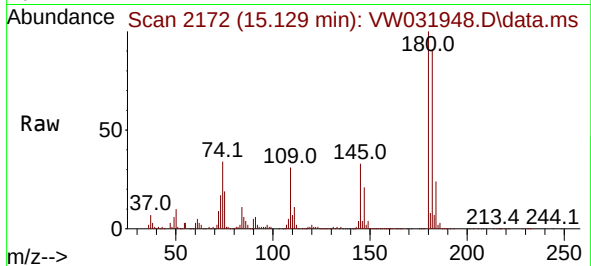




#93
1,2,4-Trichlorobenzene
Concen: 53.611 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

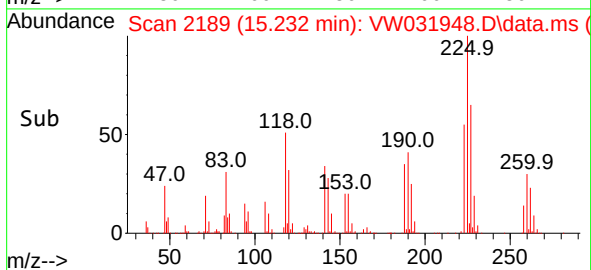
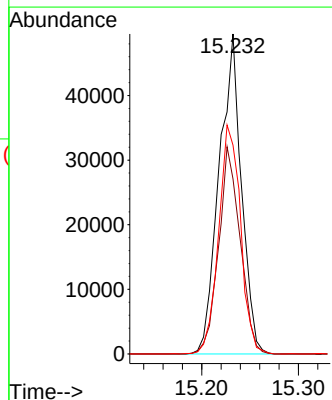
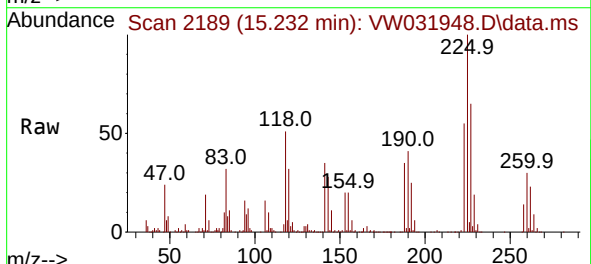
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

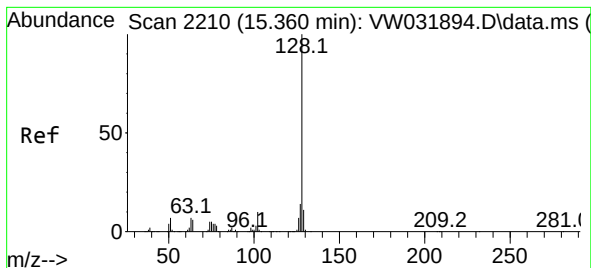
Tgt Ion:180 Resp: 177070
Ion Ratio Lower Upper
180 100
182 93.8 51.0 153.1
145 34.5 18.4 55.4



#94
Hexachlorobutadiene
Concen: 50.623 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:225 Resp: 79229
Ion Ratio Lower Upper
225 100
223 62.6 30.9 92.7
227 70.3 30.0 90.1

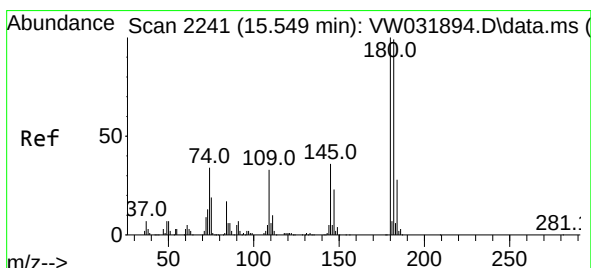
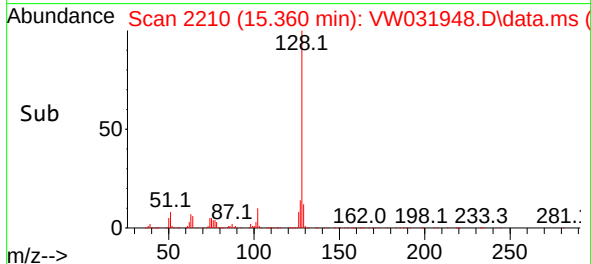
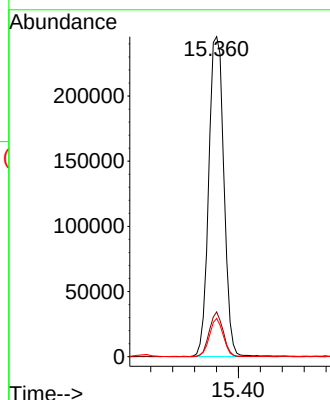
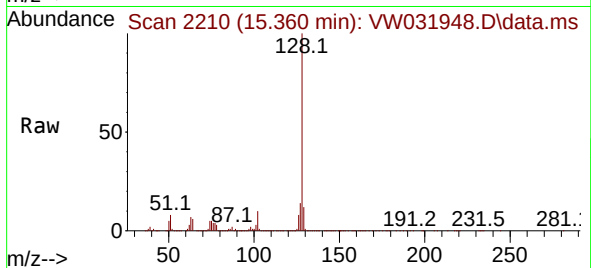




#95
Naphthalene
Concen: 57.796 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 469318
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 10.8 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 52.206 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031948.D
Acq: 28 Jul 2025 16:09

Tgt Ion:180 Resp: 156227
Ion Ratio Lower Upper
180 100
182 94.3 50.4 151.2
145 39.9 18.6 55.8

