

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073125\
 Data File : VW031964.D
 Acq On : 31 Jul 2025 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 01:12:01 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	219164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	380415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	158524	47.815	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.620%
35) Dibromofluoromethane	7.898	113	137995	53.384	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	106.760%
50) Toluene-d8	10.325	98	513316	52.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.617	95	187786	49.988	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	83444	51.228	ug/l	96
3) Chloromethane	2.253	50	109762	52.501	ug/l	97
4) Vinyl Chloride	2.405	62	121439	44.715	ug/l	100
5) Bromomethane	2.820	94	98935	49.471	ug/l	94
6) Chloroethane	2.972	64	91796	51.213	ug/l	100
7) Trichlorofluoromethane	3.308	101	111839	40.658	ug/l	99
8) Diethyl Ether	3.722	74	88814	48.335	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	131546	49.719	ug/l	98
10) Methyl Iodide	4.307	142	189831	47.987	ug/l	99
11) Tert butyl alcohol	5.216	59	53288	273.436	ug/l	100
12) 1,1-Dichloroethene	4.070	96	143486	49.100	ug/l	97
13) Acrolein	3.923	56	18650	61.320	ug/l	100
14) Allyl chloride	4.704	41	210564	46.285	ug/l	100
15) Acrylonitrile	5.399	53	219491	267.188	ug/l	99
16) Acetone	4.155	43	176261	224.043	ug/l	99
17) Carbon Disulfide	4.417	76	386183	50.954	ug/l	100
18) Methyl Acetate	4.710	43	137483	63.430	ug/l	99
19) Methyl tert-butyl Ether	5.460	73	251958	49.899	ug/l	94
20) Methylene Chloride	4.954	84	157854	46.597	ug/l	96
21) trans-1,2-Dichloroethene	5.454	96	153223	49.417	ug/l	99
22) Diisopropyl ether	6.338	45	444810	48.864	ug/l	99
23) Vinyl Acetate	6.283	43	1491787	250.840	ug/l	100
24) 1,1-Dichloroethane	6.234	63	282688	49.877	ug/l	98
25) 2-Butanone	7.191	43	286012	265.707	ug/l	96
26) 2,2-Dichloropropane	7.179	77	140376	43.749	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	184127	50.512	ug/l	98
28) Bromochloromethane	7.526	49	107513	45.306	ug/l	96
29) Tetrahydrofuran	7.551	42	193992	274.881	ug/l	100
30) Chloroform	7.691	83	301477	50.732	ug/l	97
31) Cyclohexane	7.965	56	236149	46.443	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	216361	47.846	ug/l	98
36) 1,1-Dichloropropene	8.093	75	208579	52.542	ug/l	99
37) Ethyl Acetate	7.270	43	125111	55.247	ug/l	99
38) Carbon Tetrachloride	8.081	117	201338	52.846	ug/l	94
39) Methylcyclohexane	9.343	83	260833	52.210	ug/l	93
40) Benzene	8.337	78	632037	53.784	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	73117	53.936	ug/l	92
42) 1,2-Dichloroethane	8.410	62	200796	53.389	ug/l	99
43) Isopropyl Acetate	8.435	43	224663	54.800	ug/l	100
44) Trichloroethene	9.099	130	147224	52.707	ug/l	88
45) 1,2-Dichloropropane	9.374	63	154729	54.672	ug/l	96
46) Dibromomethane	9.465	93	100915	57.522	ug/l	99
47) Bromodichloromethane	9.648	83	233890	55.598	ug/l	99
48) Methyl methacrylate	9.441	41	112971	57.921	ug/l	98
49) 1,4-Dioxane	9.459	88	24152	1379.669	ug/l	97
51) 4-Methyl-2-Pentanone	10.215	43	651895	290.553	ug/l	99
52) Toluene	10.392	92	406002	53.745	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	219754	54.456	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	249266	54.089	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	130598	56.042	ug/l	98
56) Ethyl methacrylate	10.648	69	183087	55.629	ug/l	98
57) 1,3-Dichloropropane	10.934	76	227662	55.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	426598	252.345	ug/l	99
59) 2-Hexanone	10.971	43	457748	293.514	ug/l	100
60) Dibromochloromethane	11.129	129	152872	56.264	ug/l	99
61) 1,2-Dibromoethane	11.233	107	130966	56.875	ug/l	100
64) Tetrachloroethene	10.861	164	124029	53.841	ug/l	88
65) Chlorobenzene	11.660	112	428676	50.130	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	139373	52.574	ug/l	99
67) Ethyl Benzene	11.727	91	771741	51.365	ug/l	99
68) m/p-Xylenes	11.837	106	596010	105.375	ug/l	95
69) o-Xylene	12.166	106	279704	52.254	ug/l	99
70) Styrene	12.178	104	486041	53.332	ug/l	98
71) Bromoform	12.343	173	82914	57.189	ug/l #	97
73) Isopropylbenzene	12.458	105	713307	49.572	ug/l	98
74) N-amyl acetate	12.269	43	196105	50.411	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	163918	53.667	ug/l	98
76) 1,2,3-Trichloropropane	12.763	75	205662	89.821	ug/l #	100
77) Bromobenzene	12.745	156	161054	51.729	ug/l	93
78) n-propylbenzene	12.800	91	874035	49.456	ug/l	99
79) 2-Chlorotoluene	12.891	91	537950	50.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	606970	50.295	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	49335	49.745	ug/l	98
82) 4-Chlorotoluene	12.983	91	535413	48.367	ug/l	96
83) tert-Butylbenzene	13.202	119	497169	48.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	623299	51.028	ug/l	99
85) sec-Butylbenzene	13.379	105	759392	49.191	ug/l	99
86) p-Isopropyltoluene	13.495	119	632244	49.549	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	328811	50.736	ug/l	98
88) 1,4-Dichlorobenzene	13.580	146	326448	51.420	ug/l	97
89) n-Butylbenzene	13.818	91	596365	47.644	ug/l	98
90) Hexachloroethane	14.086	117	108316	49.091	ug/l	92
91) 1,2-Dichlorobenzene	13.867	146	298877	52.037	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	28429	51.519	ug/l	97
93) 1,2,4-Trichlorobenzene	15.123	180	178901	51.649	ug/l	88
94) Hexachlorobutadiene	15.232	225	76685	46.721	ug/l	94
95) Naphthalene	15.360	128	451799	53.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	150042	47.809	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

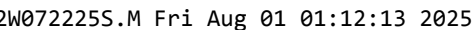
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

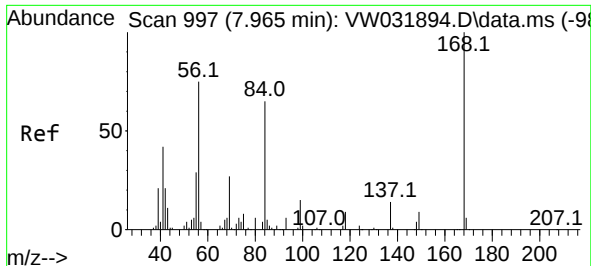
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Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

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

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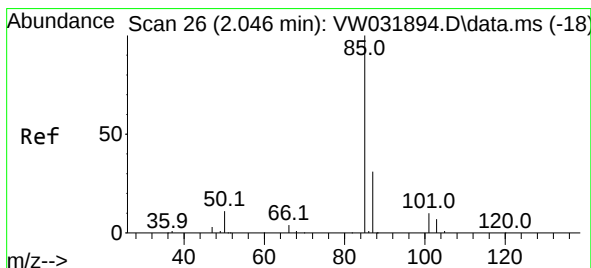
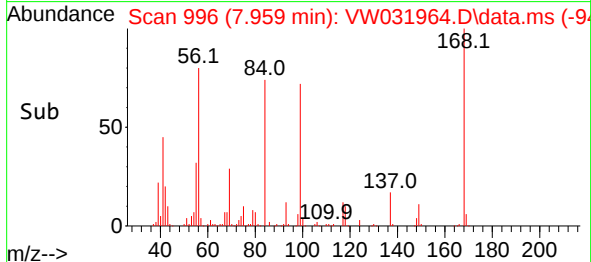
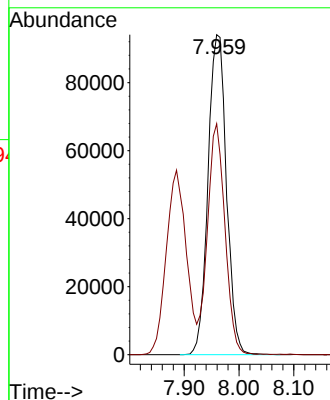
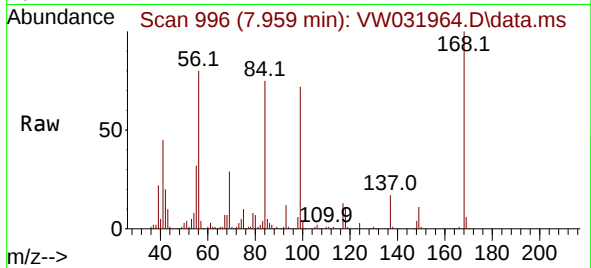




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031964.D
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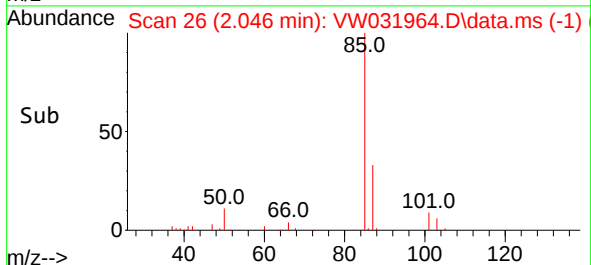
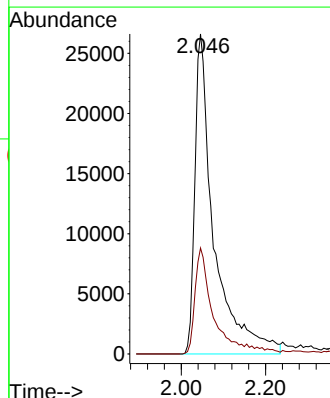
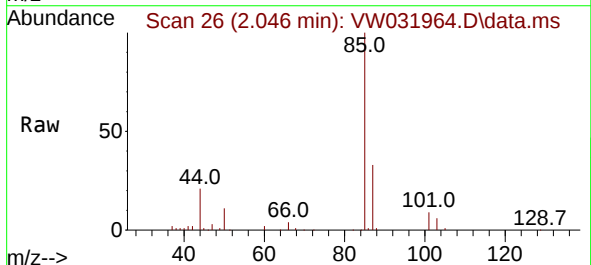
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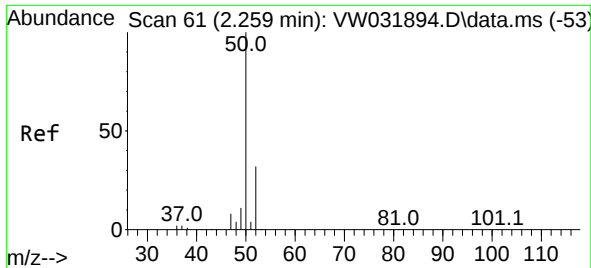
Tgt Ion:168 Resp: 219164
Ion Ratio Lower Upper
168 100
99 72.0 48.2 72.2



#2
Dichlorodifluoromethane
Concen: 51.228 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 85 Resp: 83444
Ion Ratio Lower Upper
85 100
87 33.1 15.5 46.5

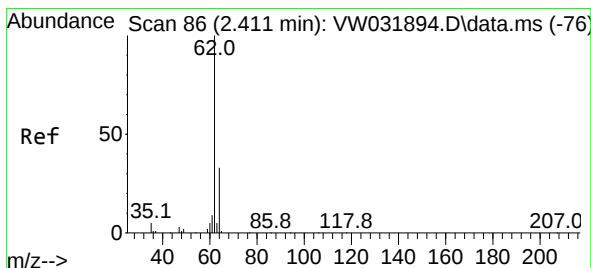
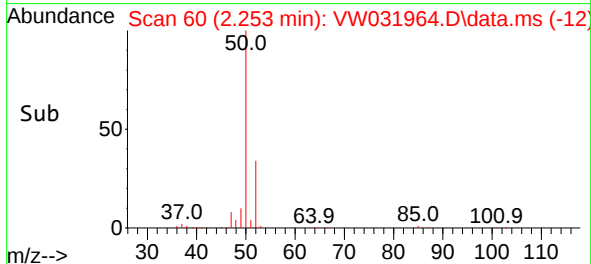
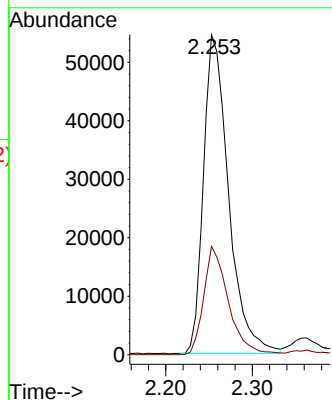
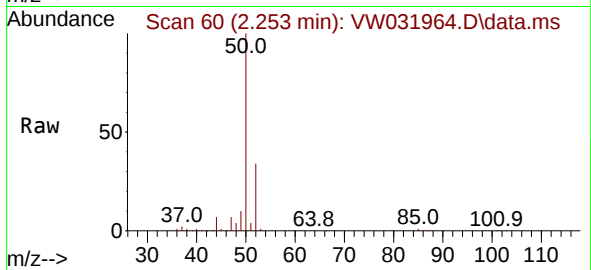




#3
Chloromethane
Concen: 52.501 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

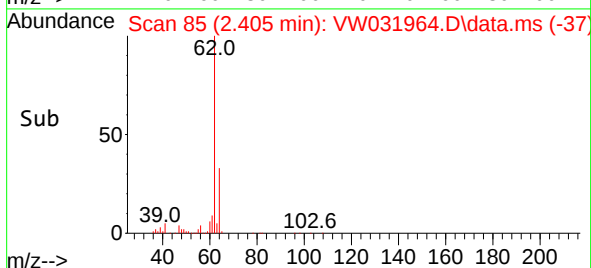
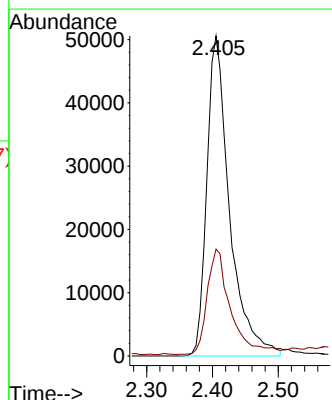
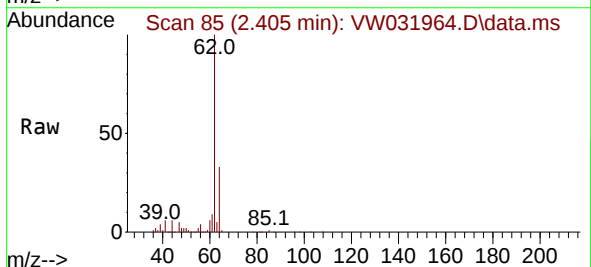
Instrument :
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ClientSampleId :
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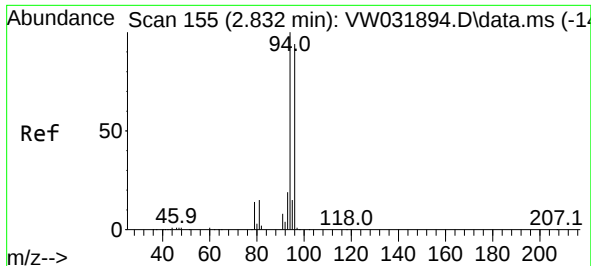
Tgt Ion: 50 Resp: 109762
Ion Ratio Lower Upper
50 100
52 34.0 25.7 38.5



#4
Vinyl Chloride
Concen: 44.715 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 62 Resp: 121439
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

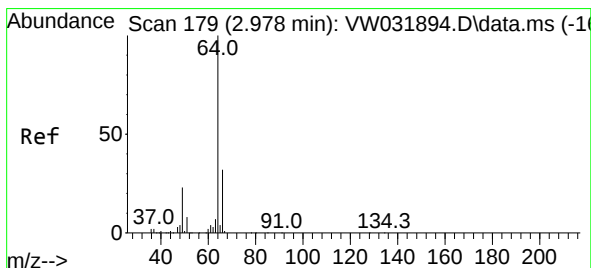
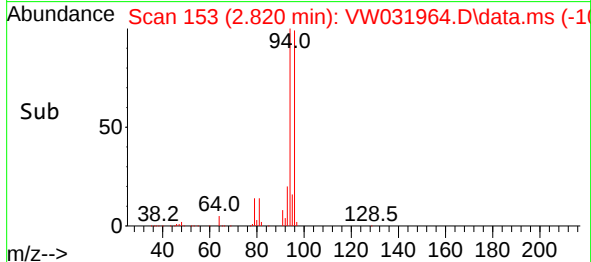
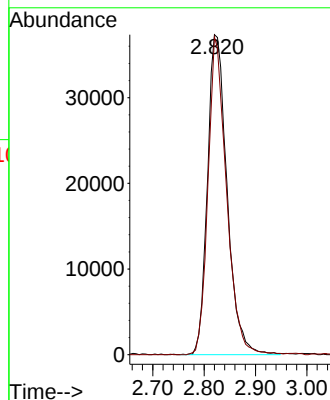
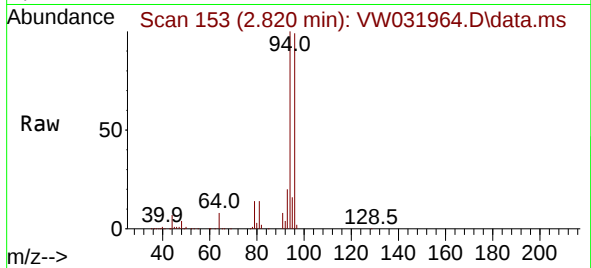




#5
Bromomethane
Concen: 49.471 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.012 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

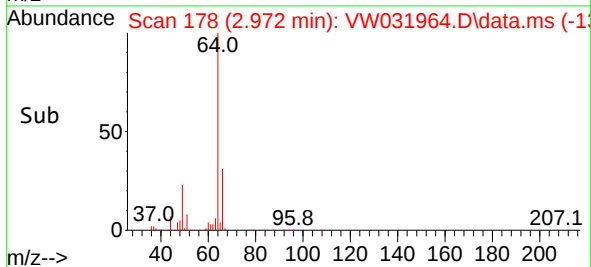
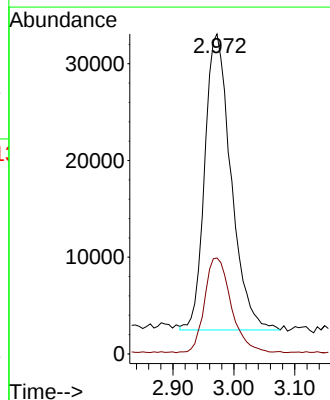
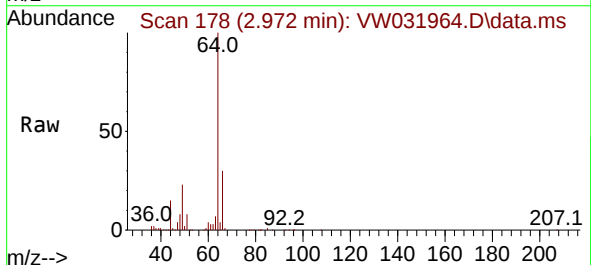
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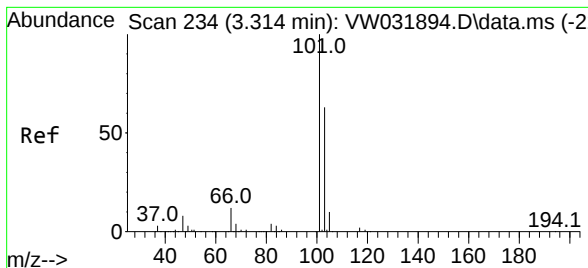
Tgt Ion: 94 Resp: 98935
Ion Ratio Lower Upper
94 100
96 99.3 75.0 112.6



#6
Chloroethane
Concen: 51.213 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 64 Resp: 91796
Ion Ratio Lower Upper
64 100
66 31.7 25.6 38.4

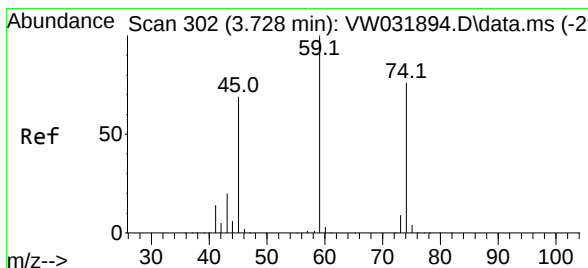
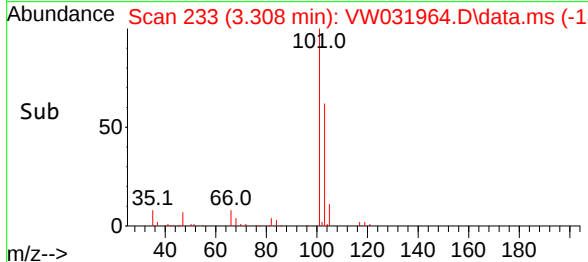
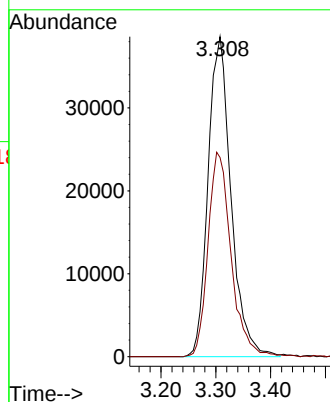
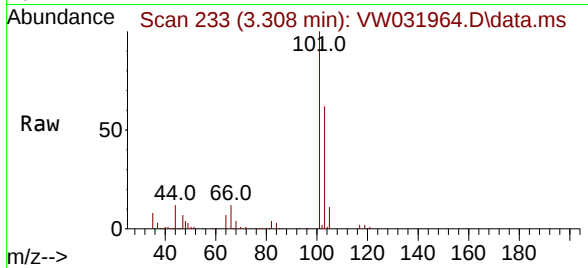




#7
 Trichlorofluoromethane
 Concen: 40.658 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031964.D
 Acq: 31 Jul 2025 10:26

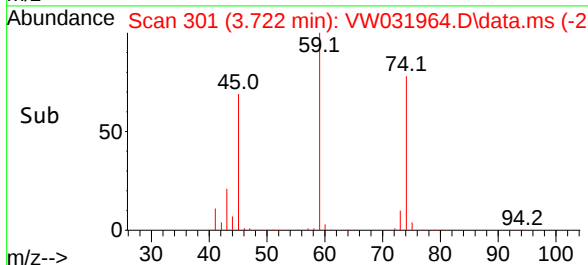
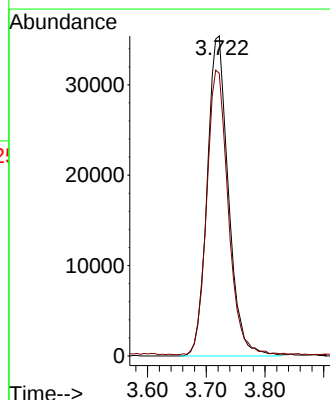
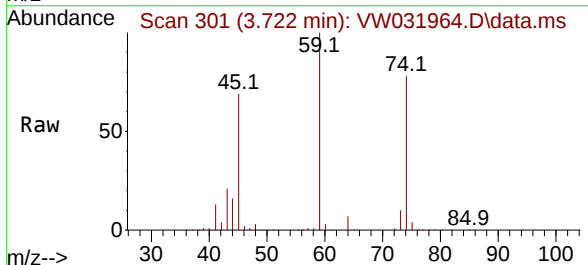
Instrument :
 MSVOA_W
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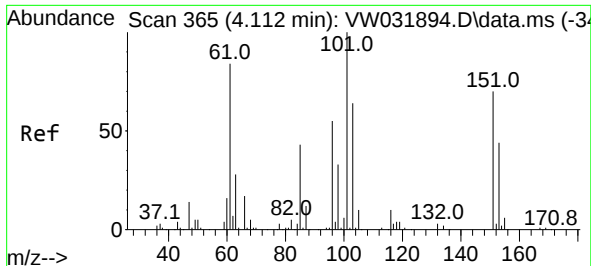
Tgt Ion:101 Resp: 111839
 Ion Ratio Lower Upper
 101 100
 103 62.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 48.335 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.006 min
 Lab File: VW031964.D
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Tgt Ion: 74 Resp: 88814
 Ion Ratio Lower Upper
 74 100
 45 90.4 45.5 136.5

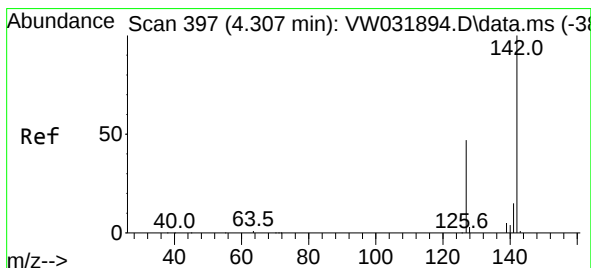
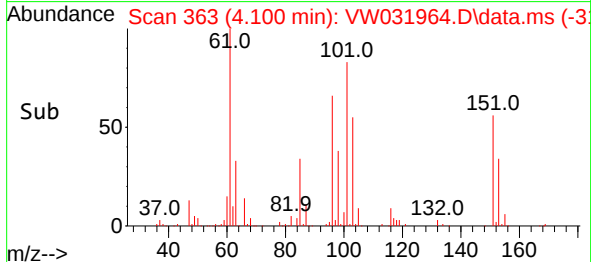
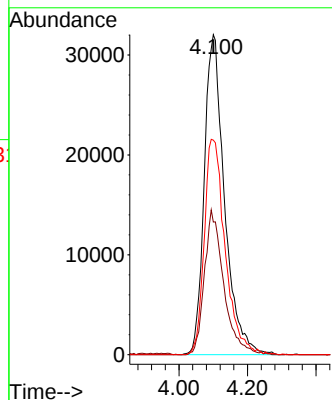
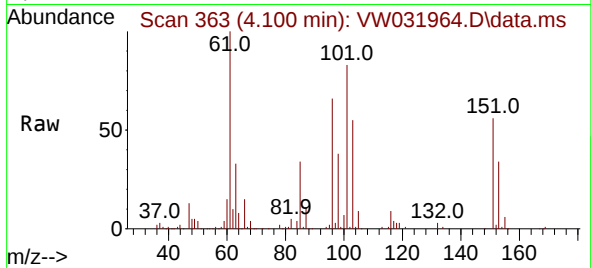




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.719 ug/l
RT: 4.100 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

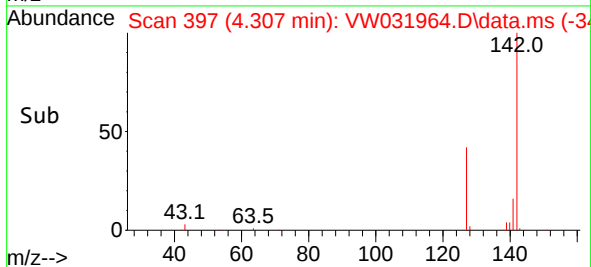
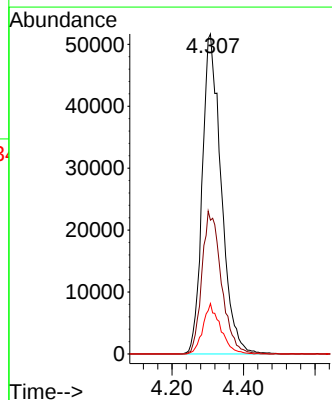
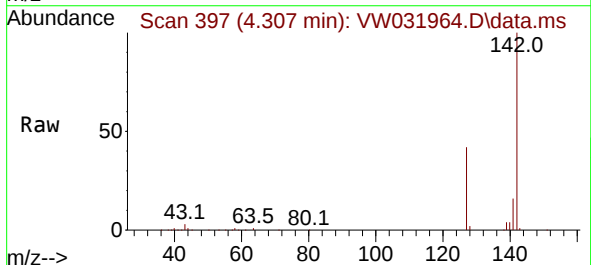
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

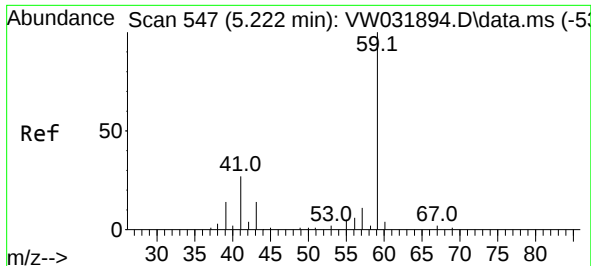
Tgt Ion:101 Resp: 131546
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 69.5 54.6 81.8



#10
Methyl Iodide
Concen: 47.987 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:142 Resp: 189831
Ion Ratio Lower Upper
142 100
127 45.9 37.4 56.2
141 14.6 11.9 17.9

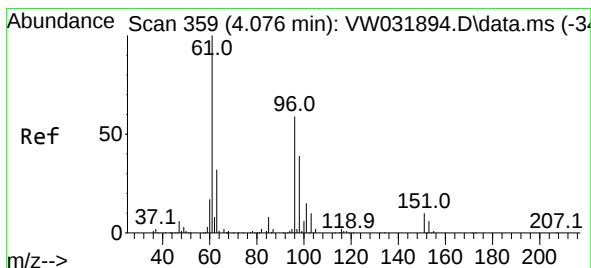
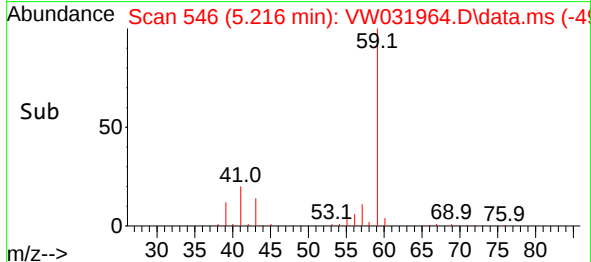
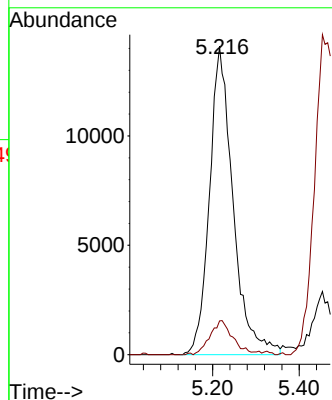
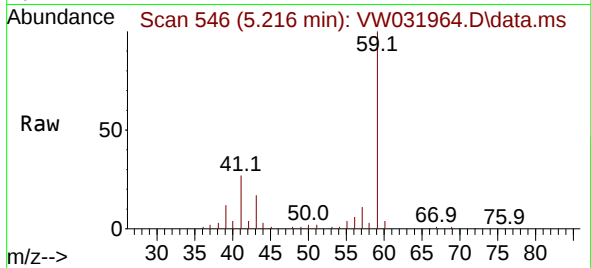




#11
Tert butyl alcohol
Concen: 273.436 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

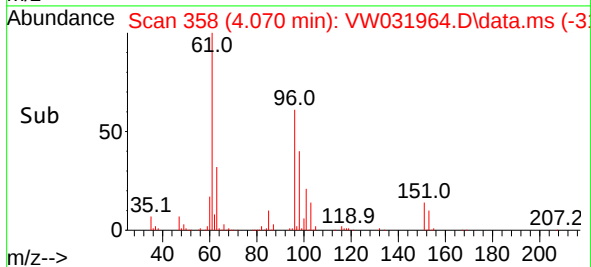
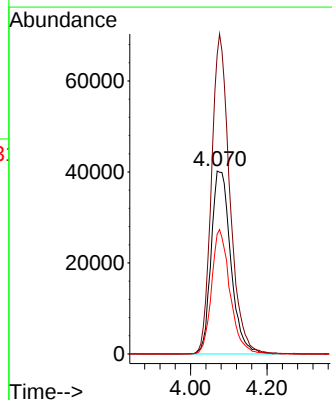
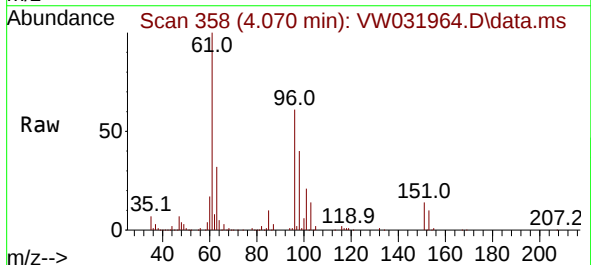
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

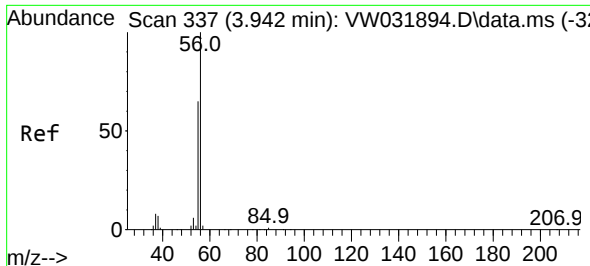
Tgt Ion: 59 Resp: 53288
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.100 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 96 Resp: 143486
Ion Ratio Lower Upper
96 100
61 163.6 135.0 202.6
98 65.6 52.3 78.5

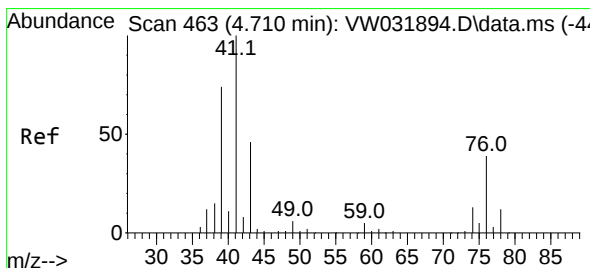
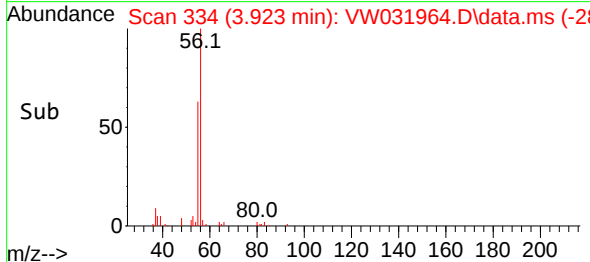
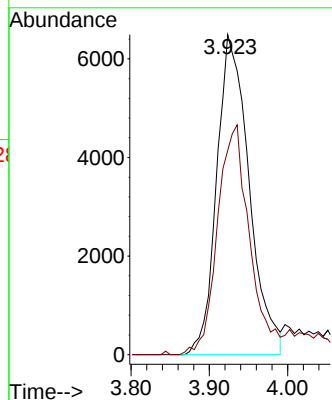
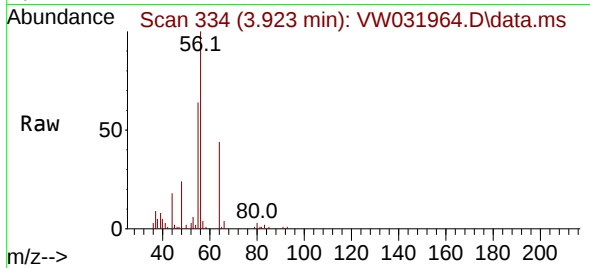




#13
Acrolein
Concen: 61.320 ug/l
RT: 3.923 min Scan# 31
Delta R.T. -0.019 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

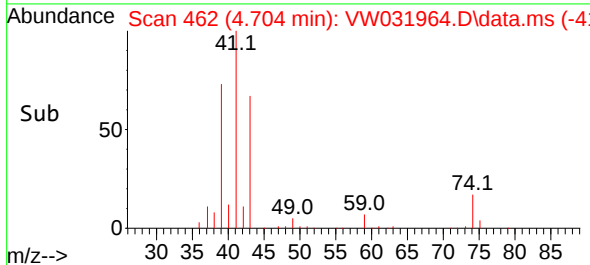
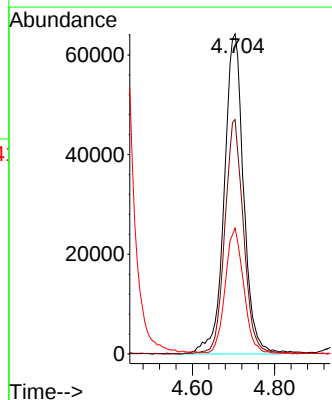
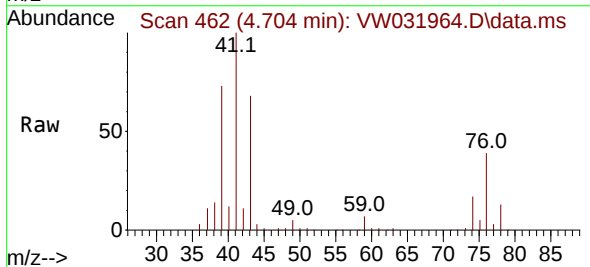
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

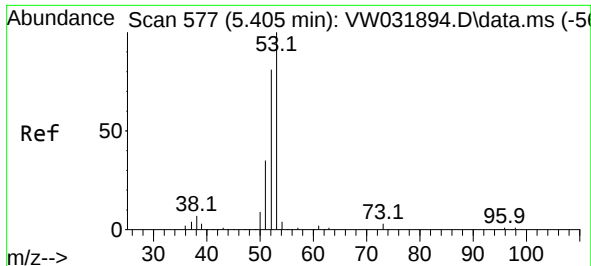
Tgt Ion: 56 Resp: 18650
Ion Ratio Lower Upper
56 100
55 70.9 56.7 85.1



#14
Allyl chloride
Concen: 46.285 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 41 Resp: 210564
Ion Ratio Lower Upper
41 100
39 70.6 56.6 85.0
76 37.8 30.1 45.1

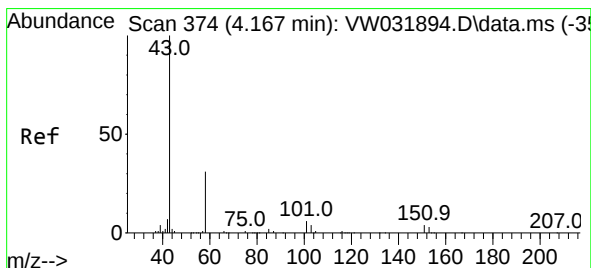
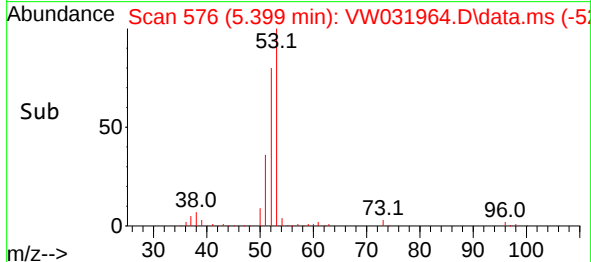
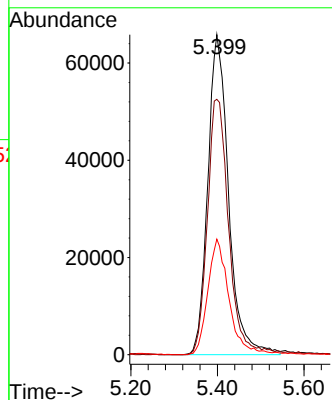
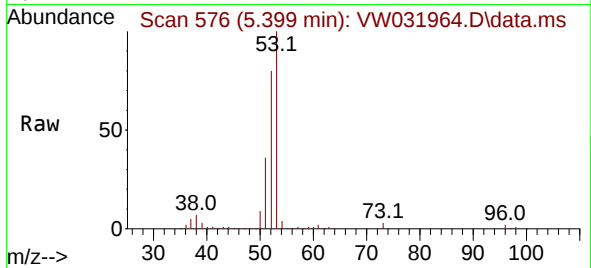




#15
Acrylonitrile
Concen: 267.188 ug/l
RT: 5.399 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

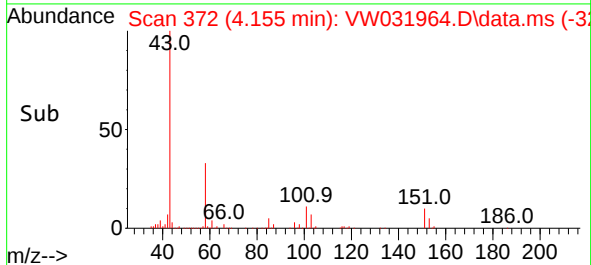
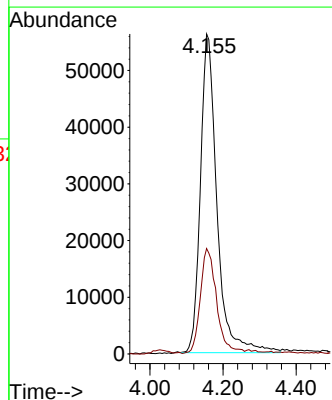
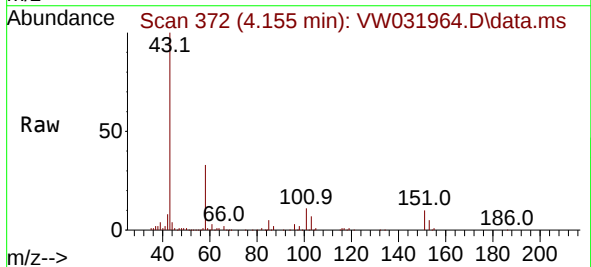
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

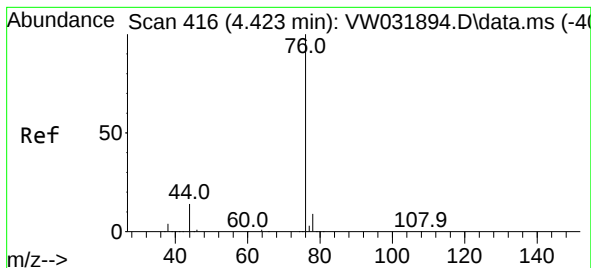
Tgt Ion: 53 Resp: 219491
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 36.7 29.9 44.9



#16
Acetone
Concen: 224.043 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.012 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 43 Resp: 176261
Ion Ratio Lower Upper
43 100
58 32.6 25.5 38.3





#17

Carbon Disulfide

Concen: 50.954 ug/l

RT: 4.417 min Scan# 41

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

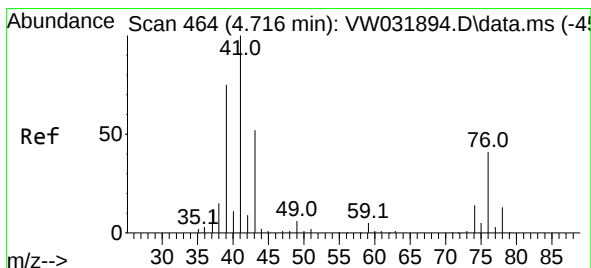
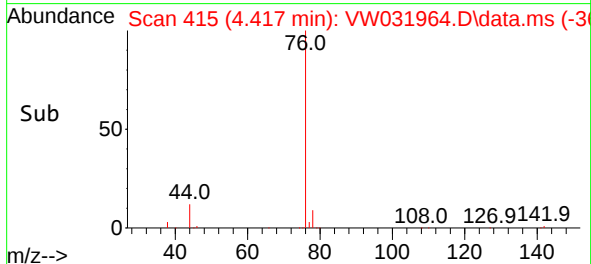
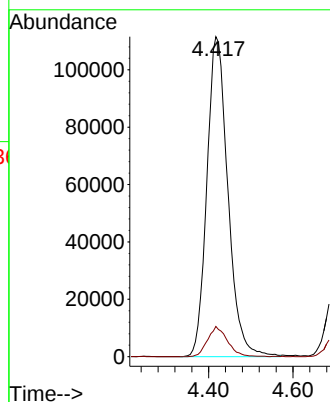
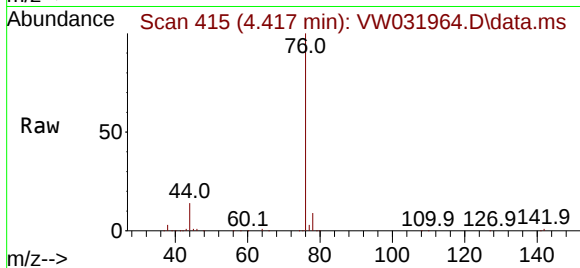
VSTDCCC050

Tgt Ion: 76 Resp: 386183

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3



#18

Methyl Acetate

Concen: 63.430 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.006 min

Lab File: VW031964.D

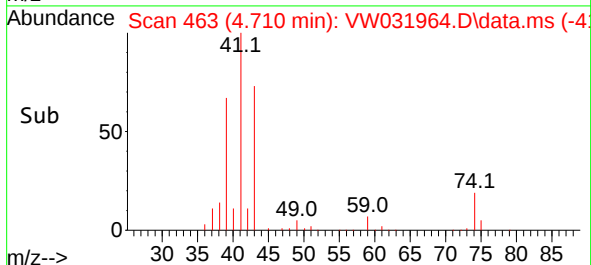
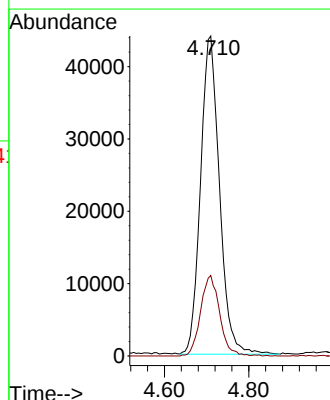
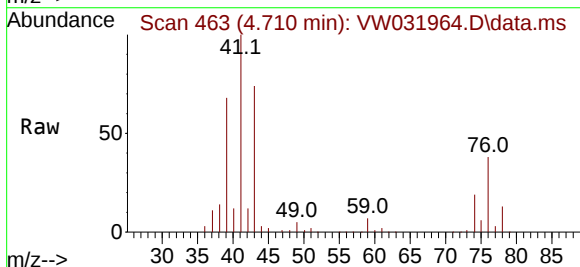
Acq: 31 Jul 2025 10:26

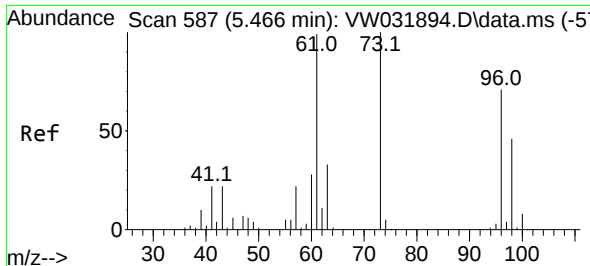
Tgt Ion: 43 Resp: 137483

Ion Ratio Lower Upper

43 100

74 25.4 20.6 31.0

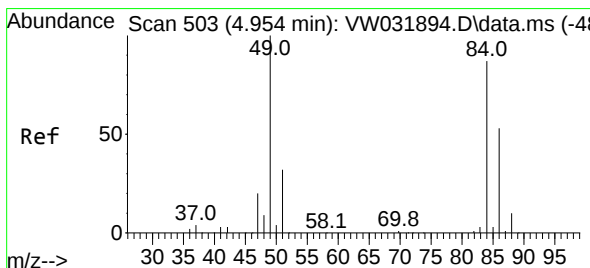
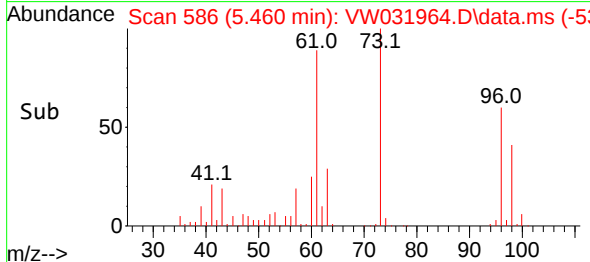
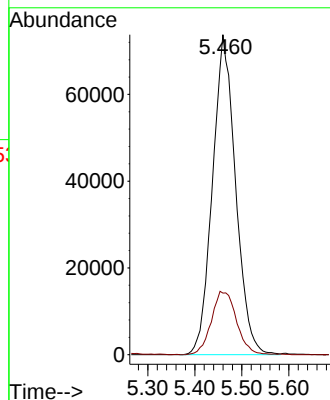
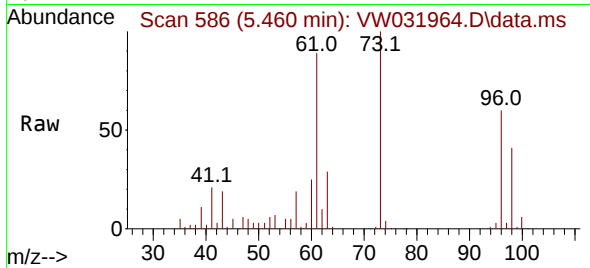




#19
Methyl tert-butyl Ether
Concen: 49.899 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

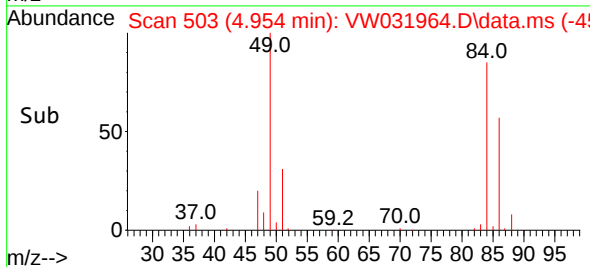
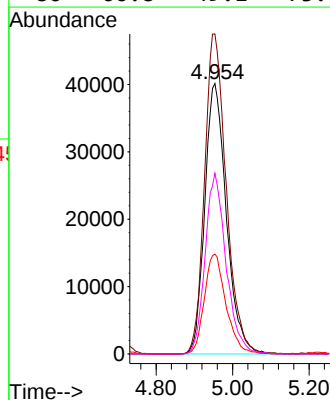
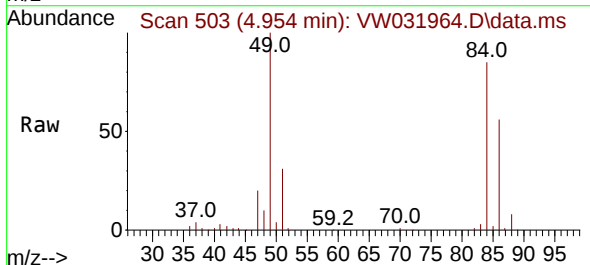
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

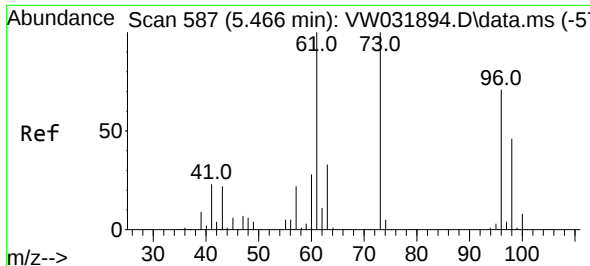
Tgt Ion: 73 Resp: 251958
Ion Ratio Lower Upper
73 100
57 19.2 17.5 26.3



#20
Methylene Chloride
Concen: 46.597 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 84 Resp: 157854
Ion Ratio Lower Upper
84 100
49 118.3 91.9 137.9
51 36.9 29.0 43.6
86 66.8 49.1 73.7

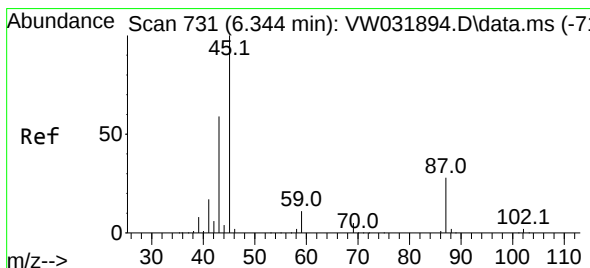
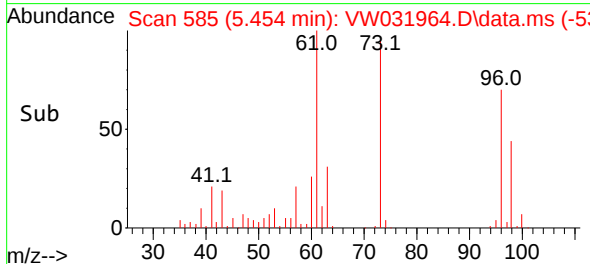
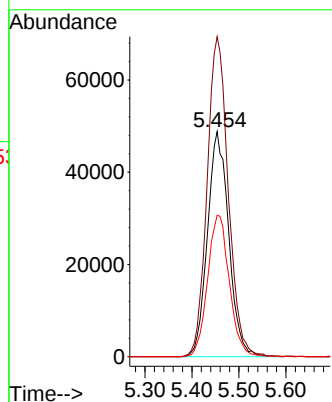
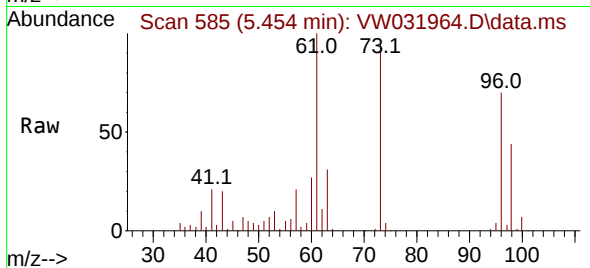




#21
trans-1,2-Dichloroethene
Concen: 49.417 ug/l
RT: 5.454 min Scan# 585
Delta R.T. -0.012 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

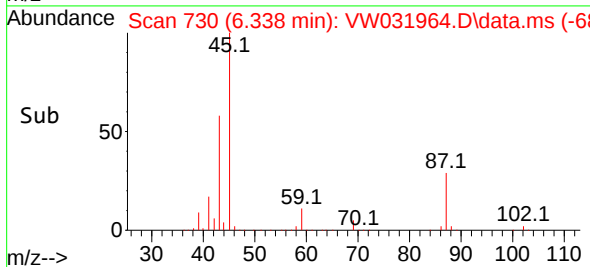
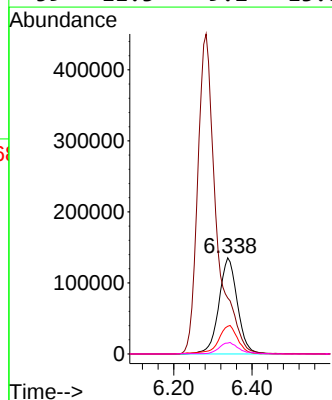
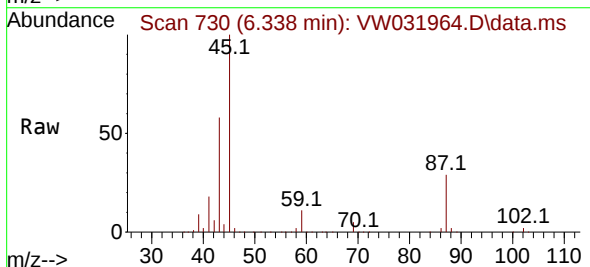
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

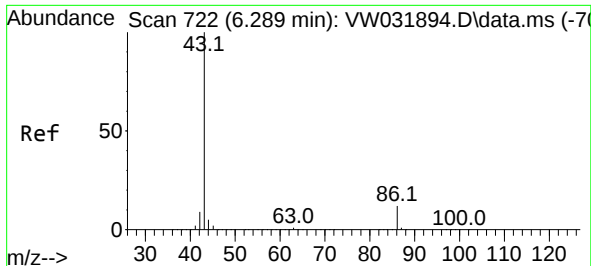
Tgt Ion: 96 Resp: 153223
Ion Ratio Lower Upper
96 100
61 142.2 112.8 169.2
98 62.9 51.9 77.9



#22
Diisopropyl ether
Concen: 48.864 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 45 Resp: 444810
Ion Ratio Lower Upper
45 100
43 58.0 47.0 70.6
87 28.7 22.8 34.2
59 11.3 9.2 13.8

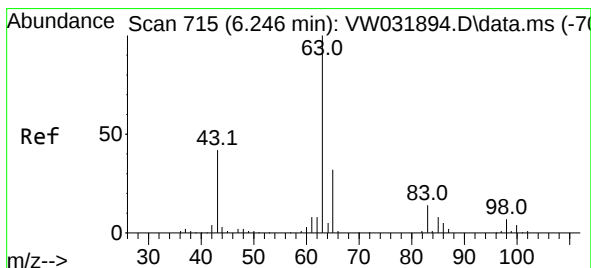
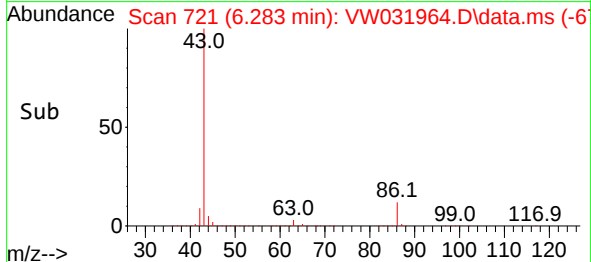
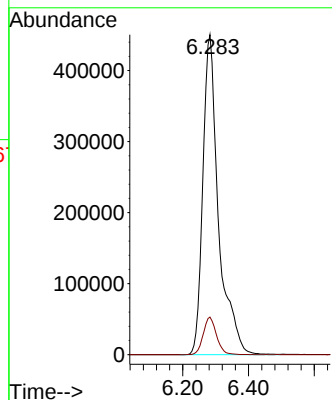
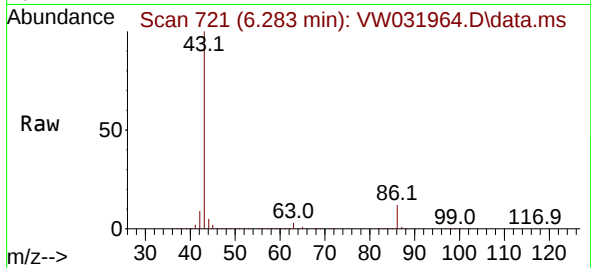




#23
 Vinyl Acetate
 Concen: 250.840 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW031964.D
 Acq: 31 Jul 2025 10:26

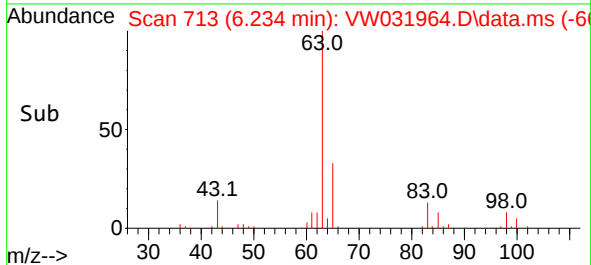
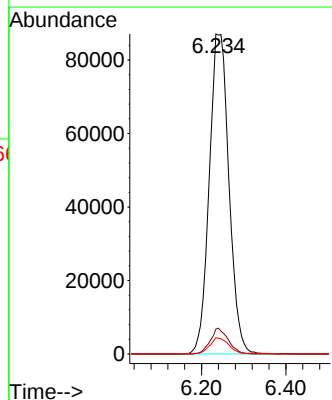
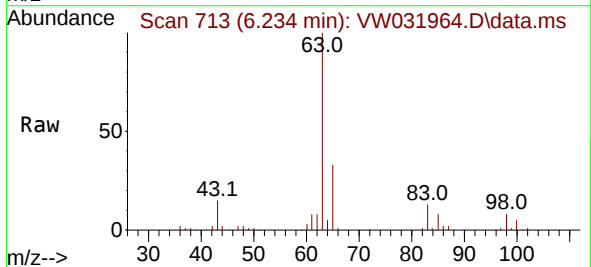
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

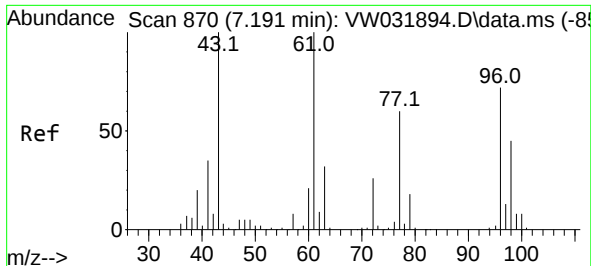
Tgt Ion: 43 Resp: 1491787
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 49.877 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: VW031964.D
 Acq: 31 Jul 2025 10:26

Tgt Ion: 63 Resp: 282688
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 5.0 2.2 6.6

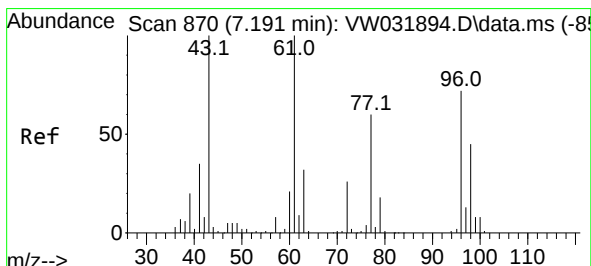
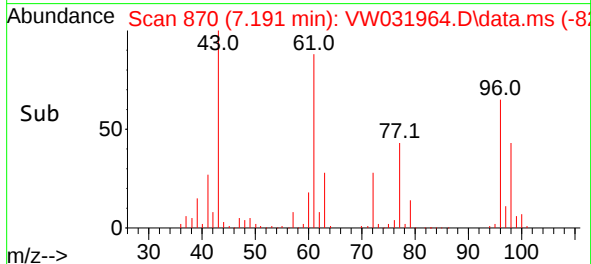
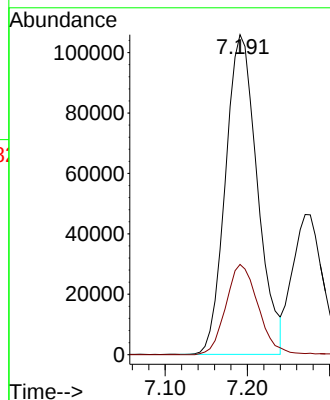
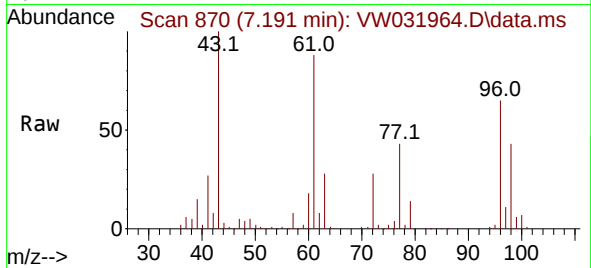




#25
2-Butanone
Concen: 265.707 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

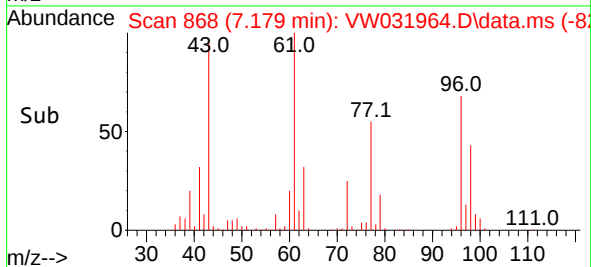
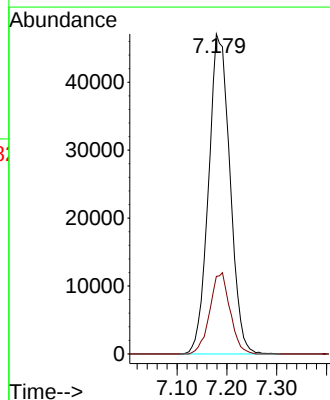
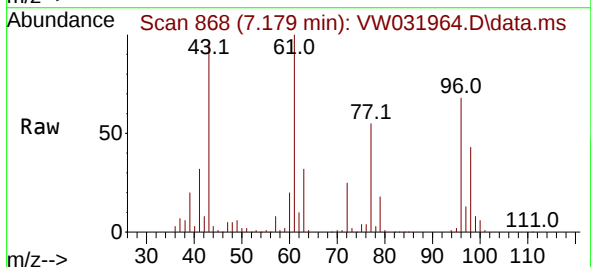
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

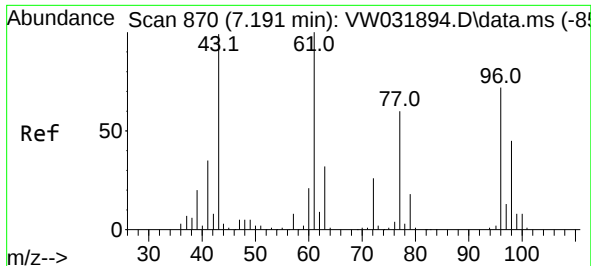
Tgt Ion: 43 Resp: 286012
Ion Ratio Lower Upper
43 100
72 28.2 20.8 31.2



#26
2,2-Dichloropropane
Concen: 43.749 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 77 Resp: 140376
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.512 ug/l

RT: 7.185 min Scan# 8

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

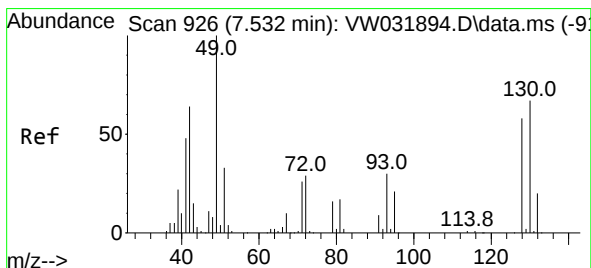
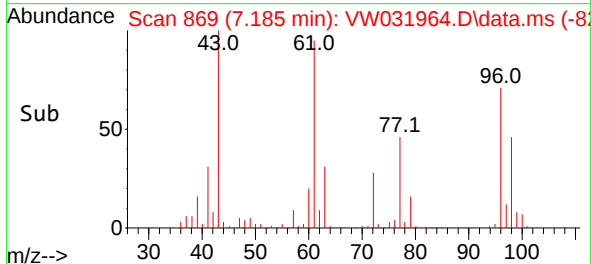
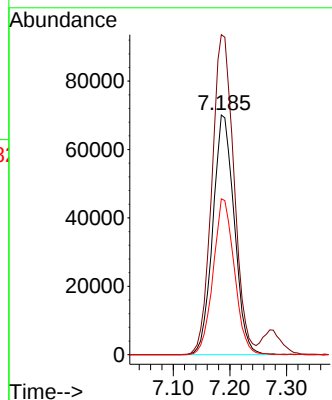
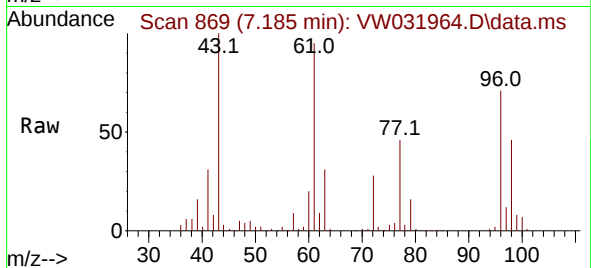
Tgt Ion: 96 Resp: 184127

Ion Ratio Lower Upper

96 100

61 137.7 0.0 280.2

98 64.2 0.0 126.8



#28

Bromochloromethane

Concen: 45.306 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

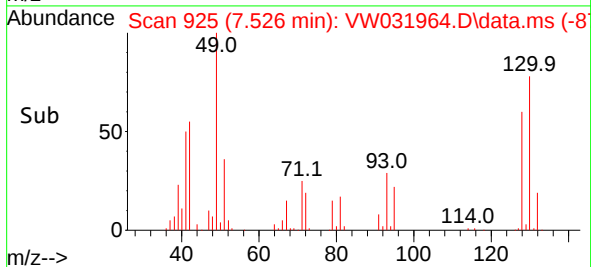
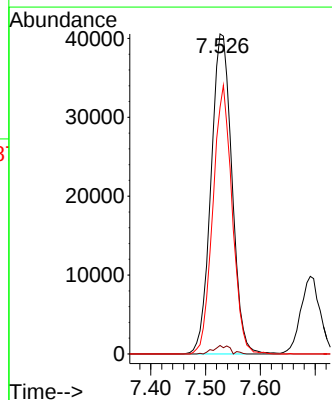
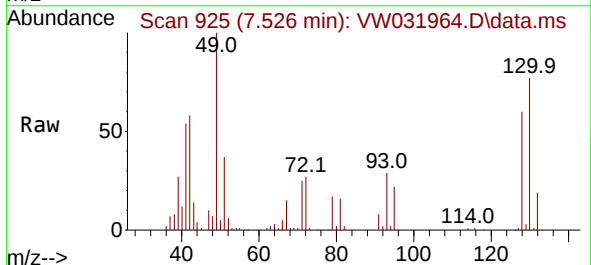
Tgt Ion: 49 Resp: 107513

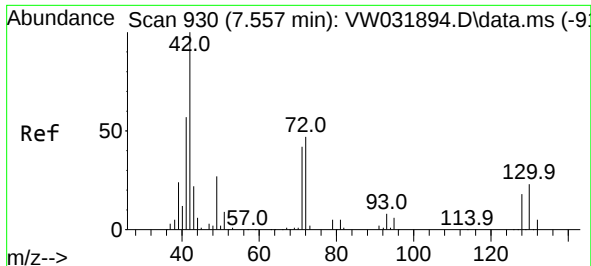
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 77.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 274.881 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

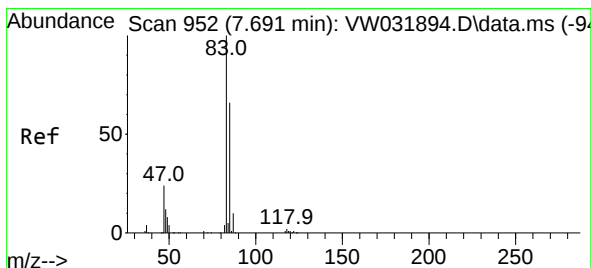
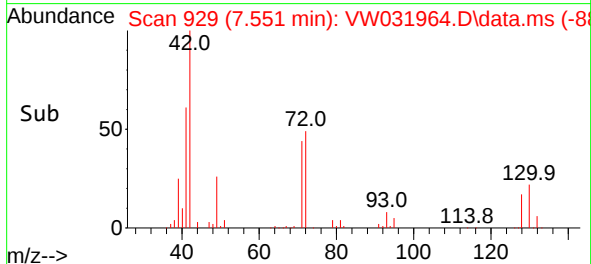
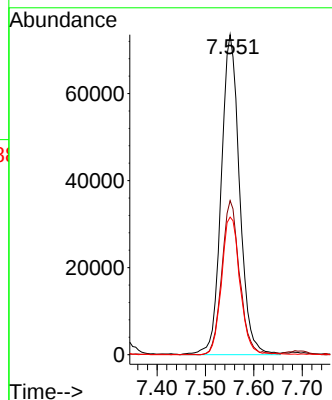
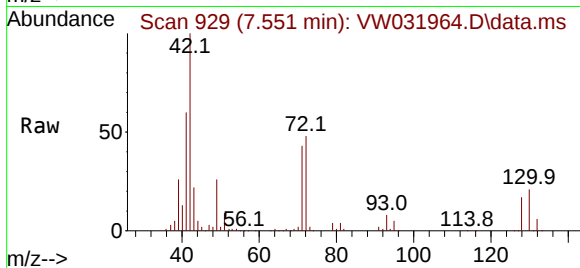
Tgt Ion: 42 Resp: 193992

Ion Ratio Lower Upper

42 100

72 46.6 37.0 55.6

71 43.2 34.5 51.7



#30

Chloroform

Concen: 50.732 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031964.D

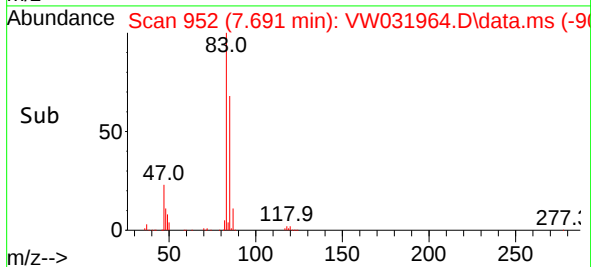
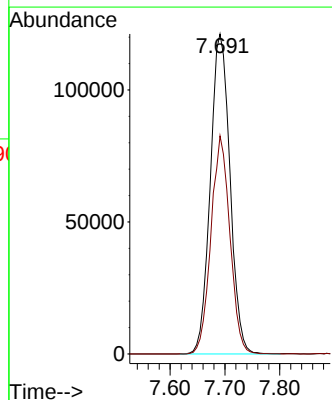
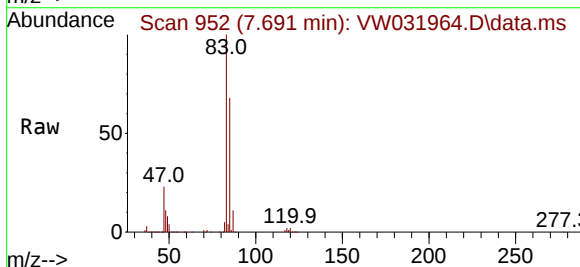
Acq: 31 Jul 2025 10:26

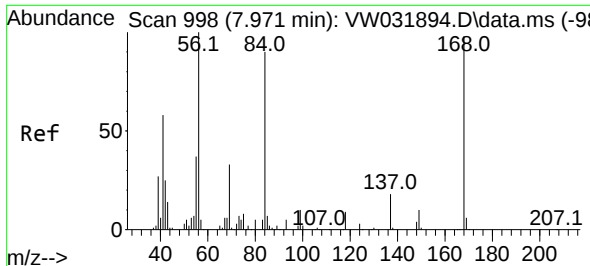
Tgt Ion: 83 Resp: 301477

Ion Ratio Lower Upper

83 100

85 68.1 52.6 78.8

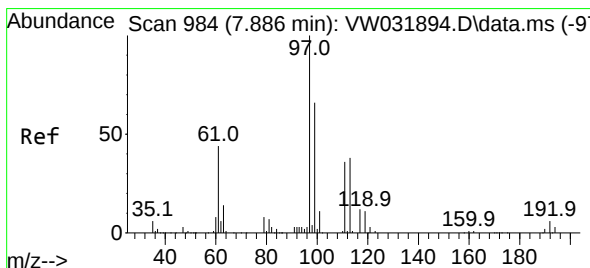
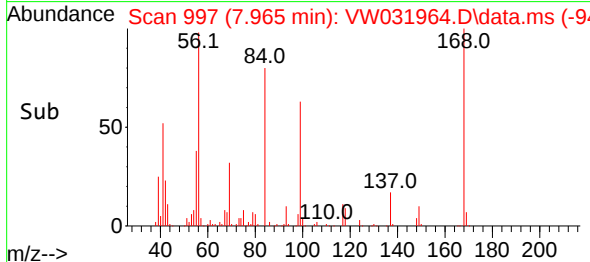
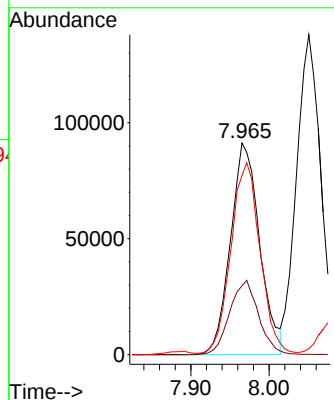
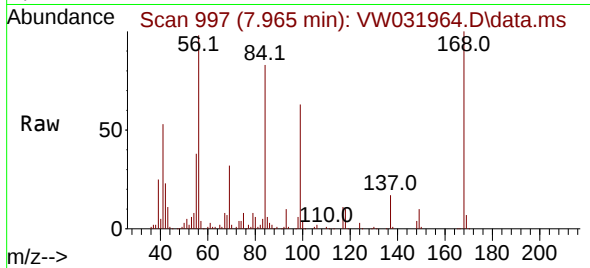




#31
Cyclohexane
Concen: 46.443 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

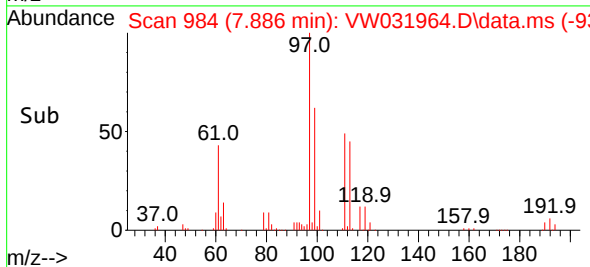
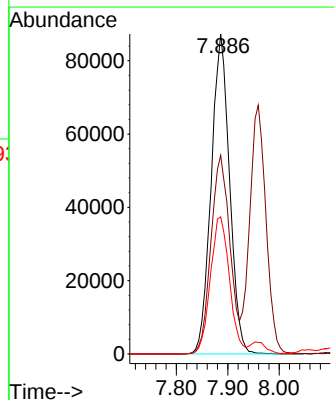
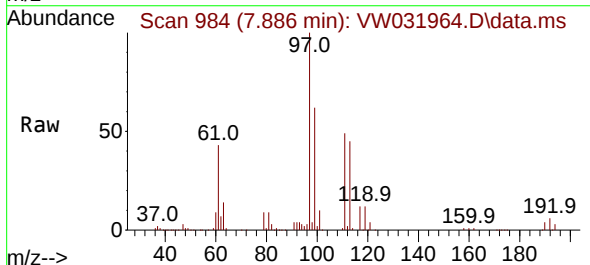
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

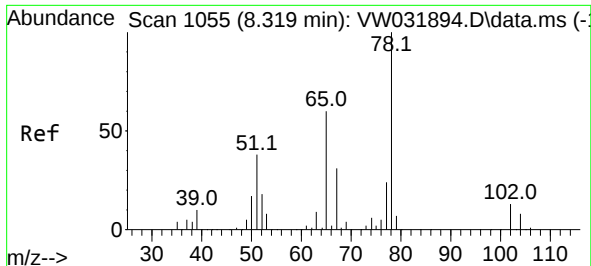
Tgt Ion: 56 Resp: 236149
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 83.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.846 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 97 Resp: 216361
Ion Ratio Lower Upper
97 100
99 64.0 53.0 79.4
61 44.6 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 47.815 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

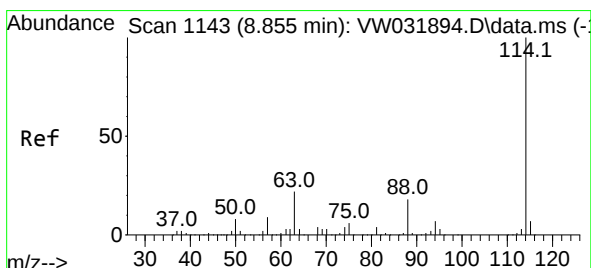
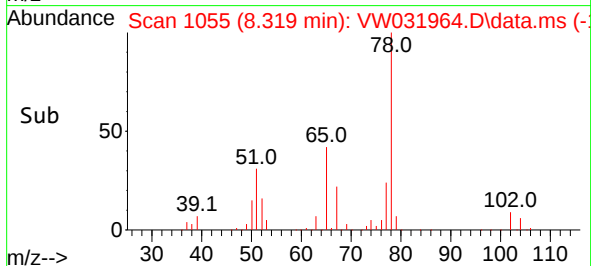
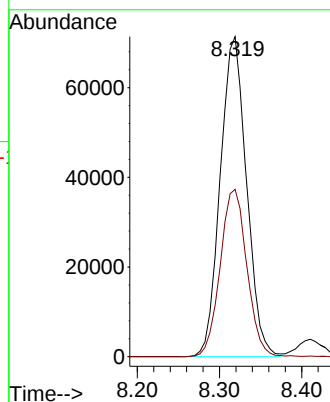
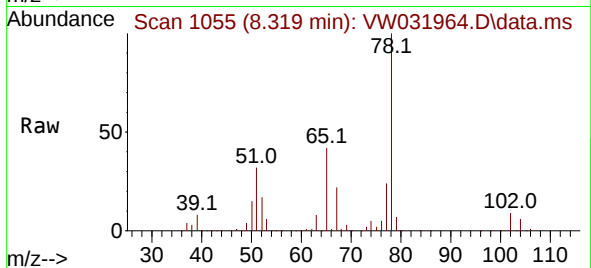
VSTDCCC050

Tgt Ion: 65 Resp: 158524

Ion Ratio Lower Upper

65 100

67 53.0 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: VW031964.D

Acq: 31 Jul 2025 10:26

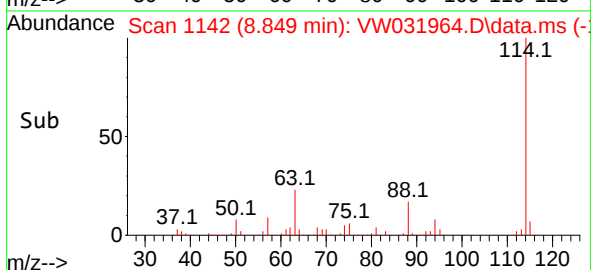
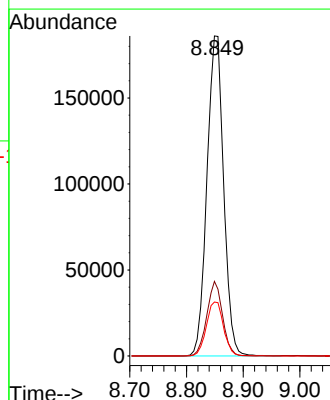
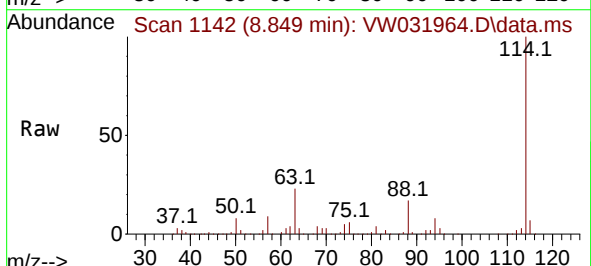
Tgt Ion: 114 Resp: 380415

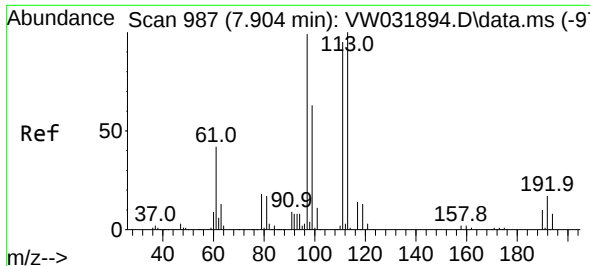
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

88 16.9 0.0 35.6

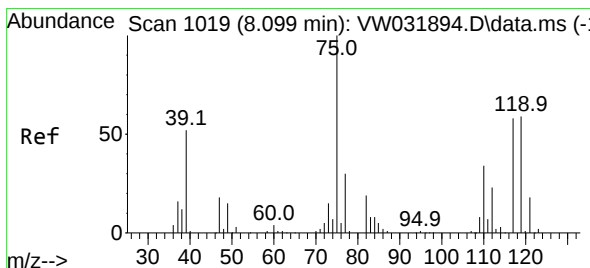
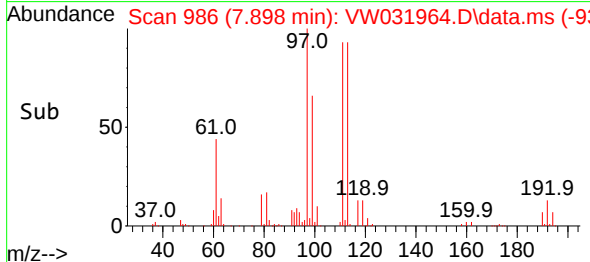
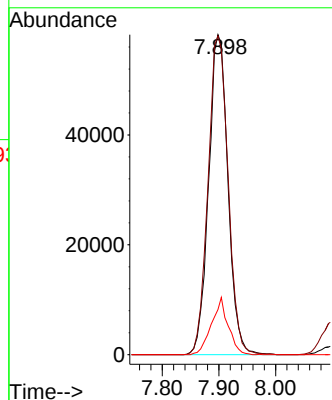
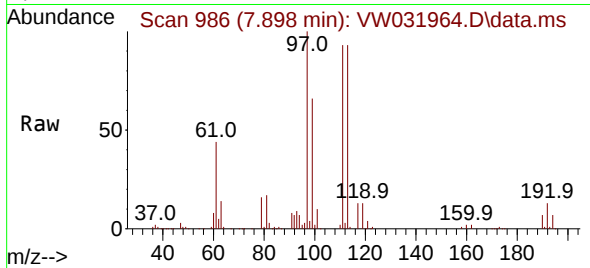




#35
Dibromofluoromethane
Concen: 53.384 ug/l
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

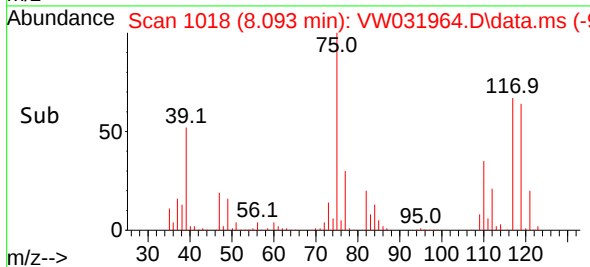
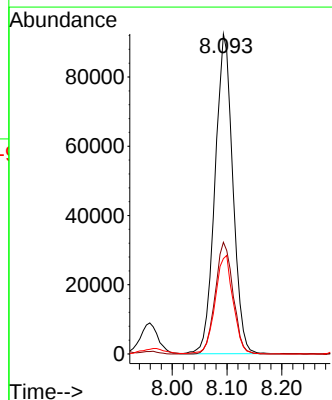
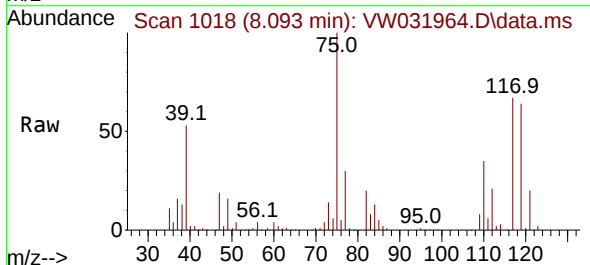
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

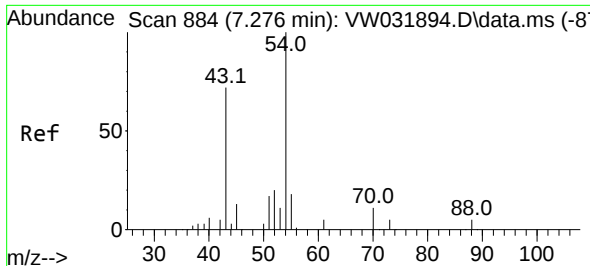
Tgt Ion:113 Resp: 137995
Ion Ratio Lower Upper
113 100
111 103.3 79.9 119.9
192 15.4 12.6 19.0



#36
1,1-Dichloropropene
Concen: 52.542 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 75 Resp: 208579
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 31.2 25.1 37.7

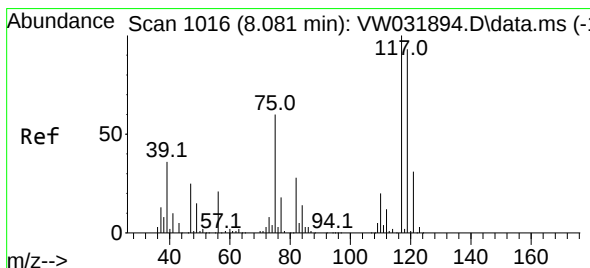
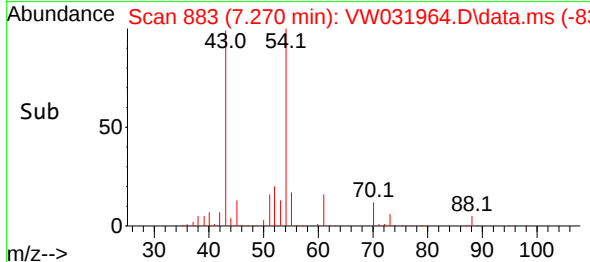
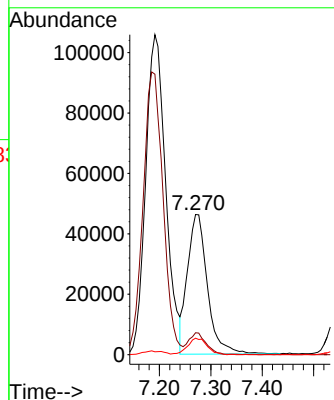
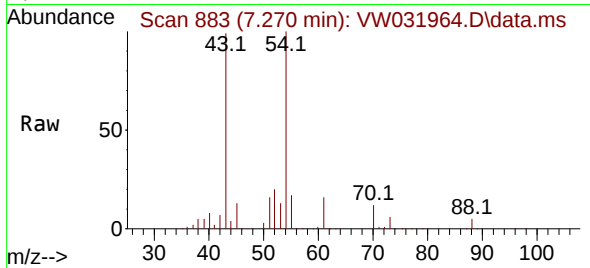




#37
Ethyl Acetate
Concen: 55.247 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

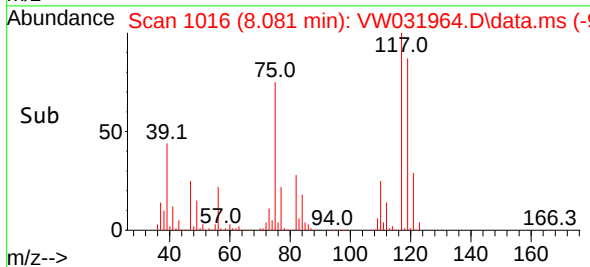
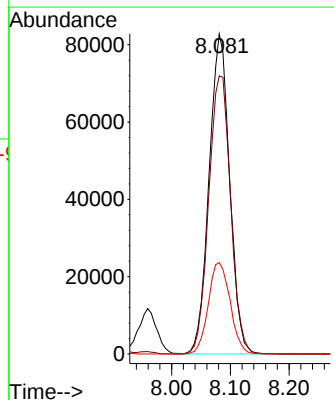
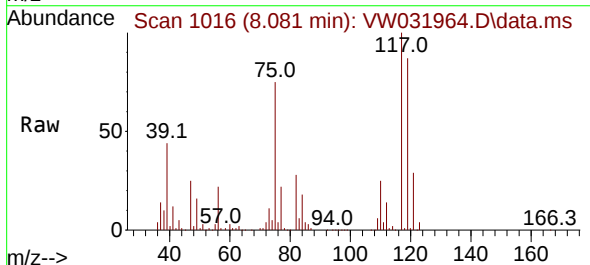
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

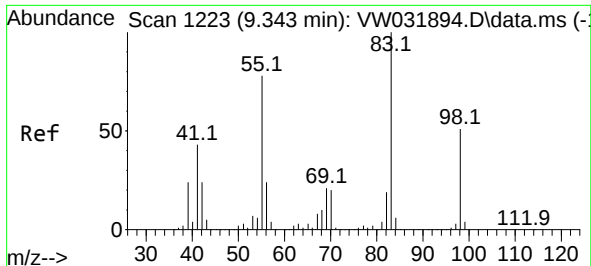
Tgt Ion: 43 Resp: 125111
Ion Ratio Lower Upper
43 100
61 13.4 10.6 15.8
70 11.4 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.846 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 117 Resp: 201338
Ion Ratio Lower Upper
117 100
119 86.9 74.3 111.5
121 28.6 24.6 37.0





#39

Methylcyclohexane

Concen: 52.210 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

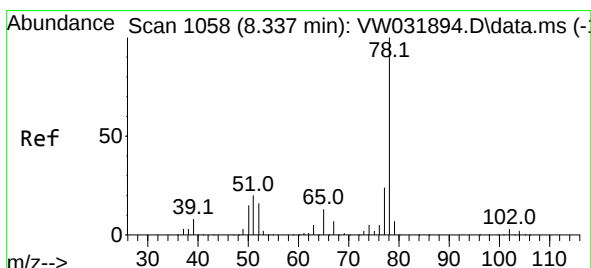
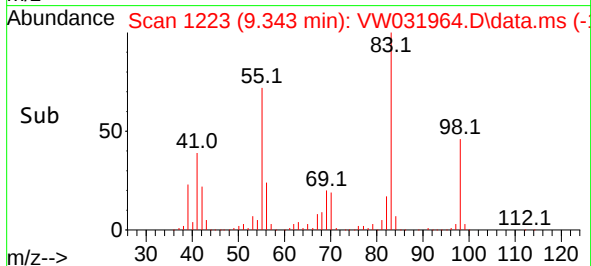
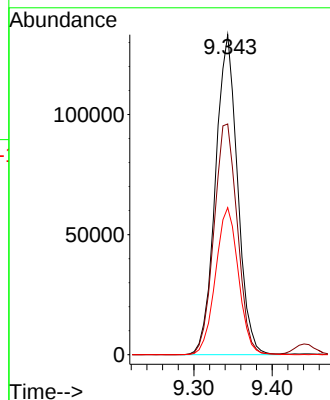
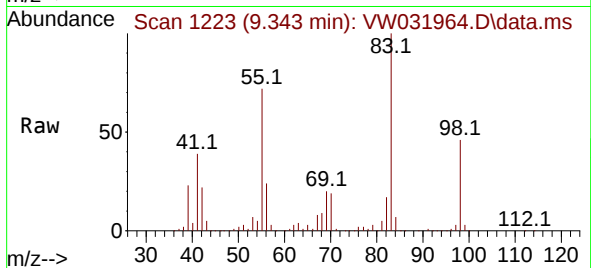
Tgt Ion: 83 Resp: 260833

Ion Ratio Lower Upper

83 100

55 72.1 62.5 93.7

98 46.0 40.6 61.0



#40

Benzene

Concen: 53.784 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031964.D

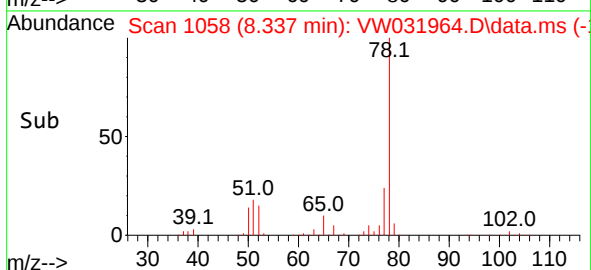
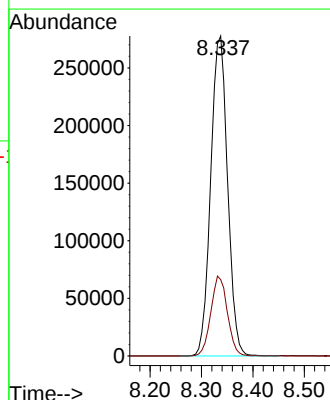
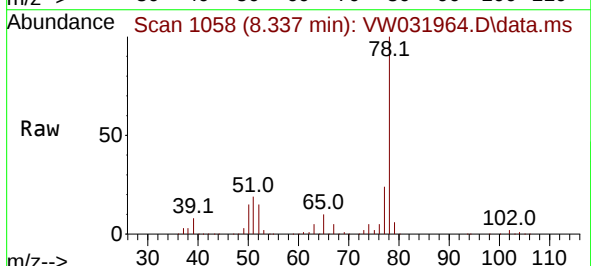
Acq: 31 Jul 2025 10:26

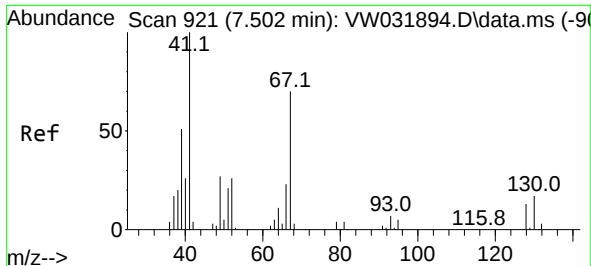
Tgt Ion: 78 Resp: 632037

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

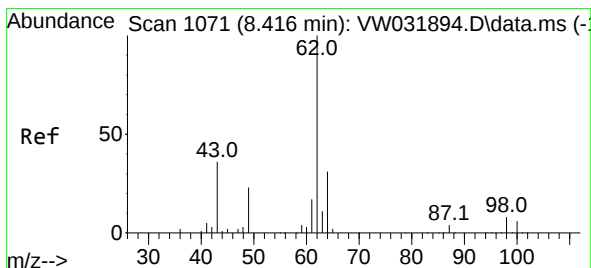
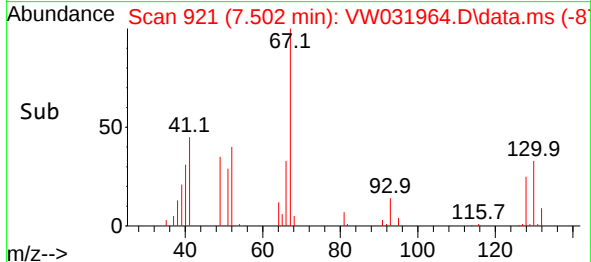
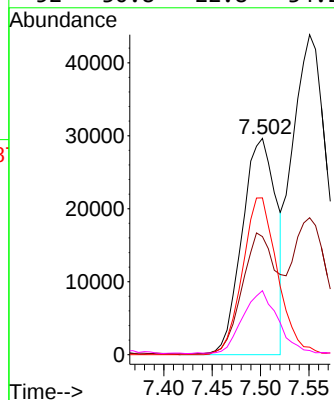
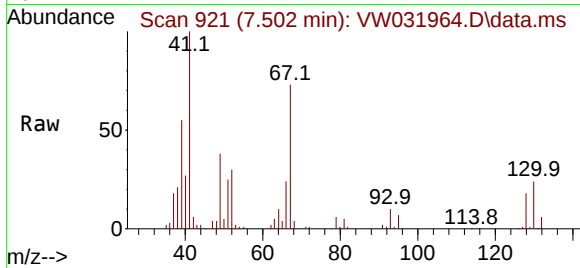




#41
Methacrylonitrile
Concen: 53.936 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

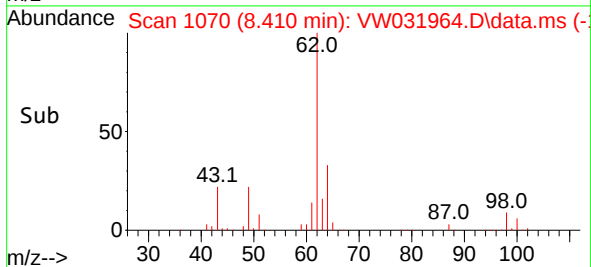
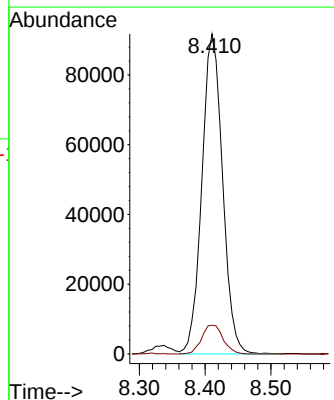
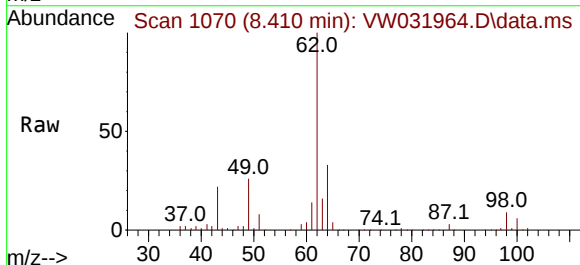
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

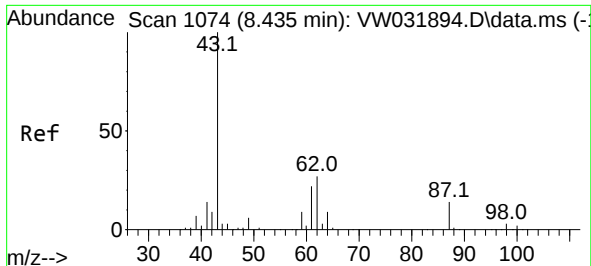
Tgt Ion:	41	Resp:	73117
Ion	Ratio	Lower	Upper
41	100		
39	60.0	41.1	61.7
67	74.8	56.2	84.4
52	30.8	22.8	34.2



#42
1,2-Dichloroethane
Concen: 53.389 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:	62	Resp:	200796
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

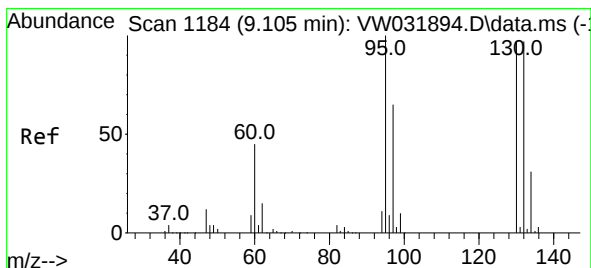
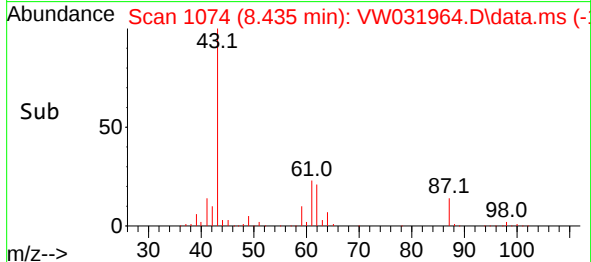
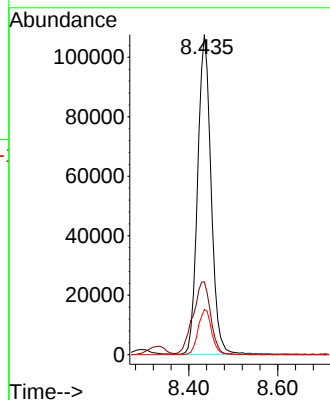
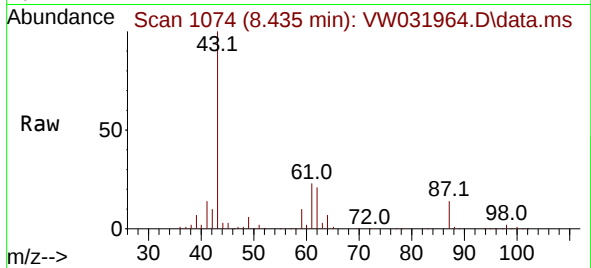




#43
Isopropyl Acetate
Concen: 54.800 ug/l
RT: 8.435 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

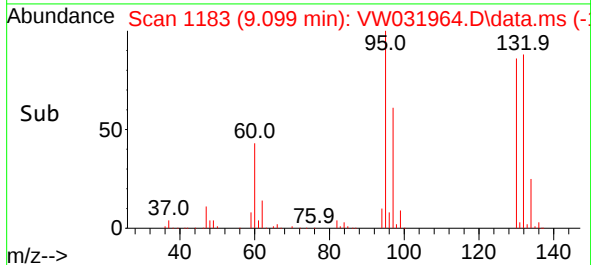
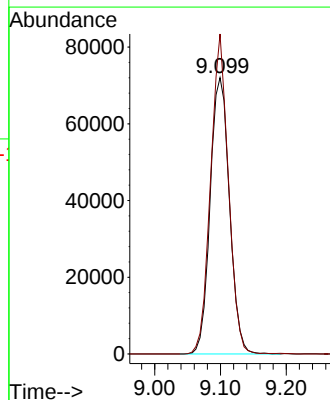
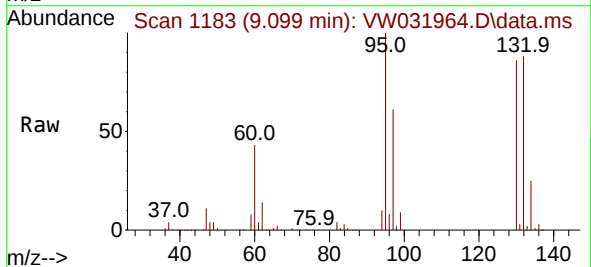
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

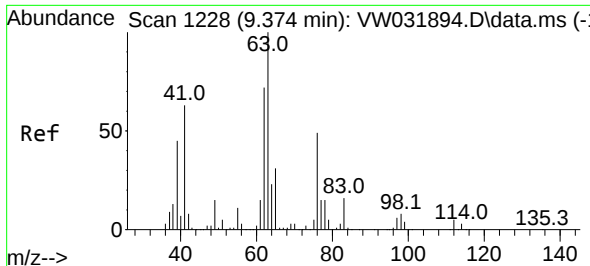
Tgt Ion: 43 Resp: 224663
Ion Ratio Lower Upper
43 100
61 29.9 24.0 36.0
87 14.3 11.1 16.7



#44
Trichloroethene
Concen: 52.707 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:130 Resp: 147224
Ion Ratio Lower Upper
130 100
95 115.8 0.0 206.4

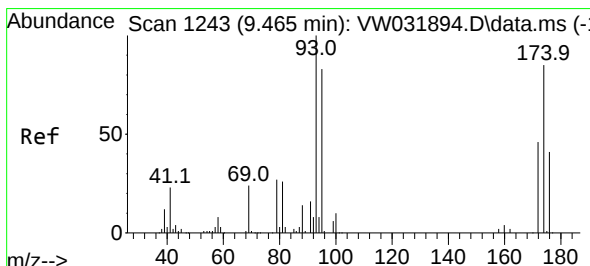
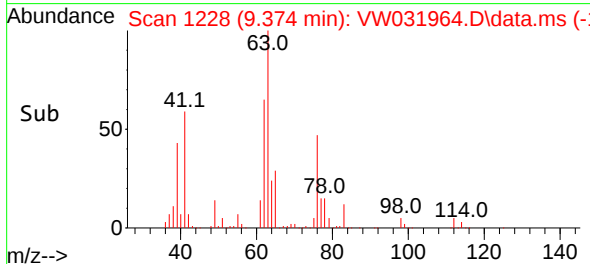
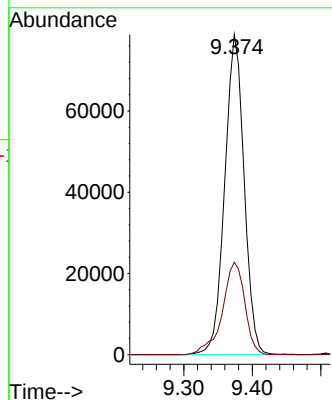
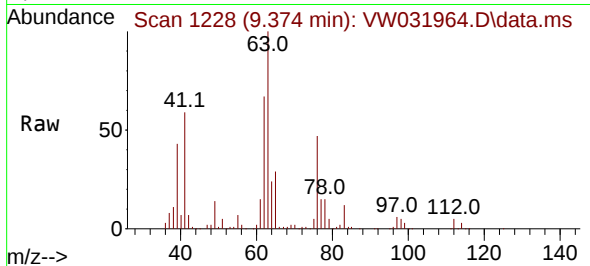




#45
1,2-Dichloropropane
Concen: 54.672 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

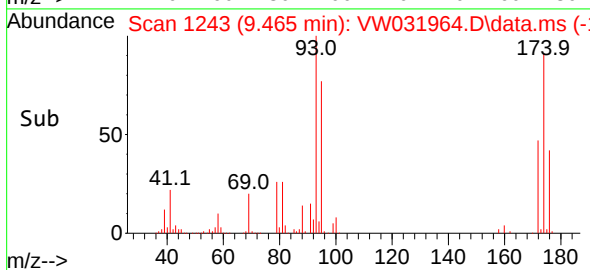
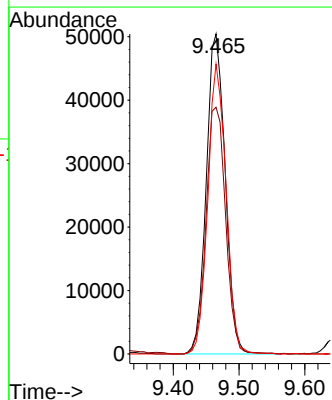
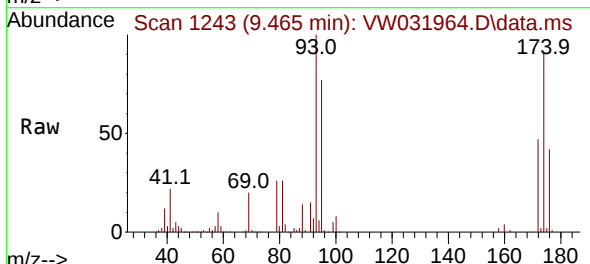
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

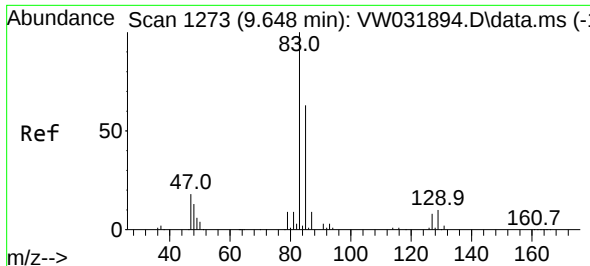
Tgt Ion: 63 Resp: 154729
Ion Ratio Lower Upper
63 100
65 28.9 25.0 37.4



#46
Dibromomethane
Concen: 57.522 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 93 Resp: 100915
Ion Ratio Lower Upper
93 100
95 80.2 65.8 98.6
174 87.7 70.2 105.2

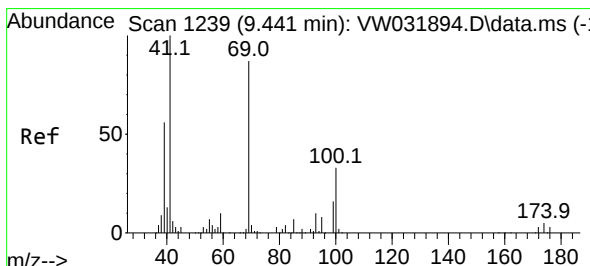
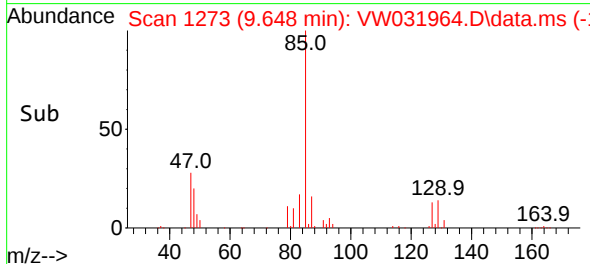
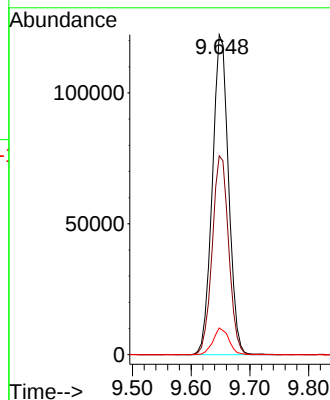
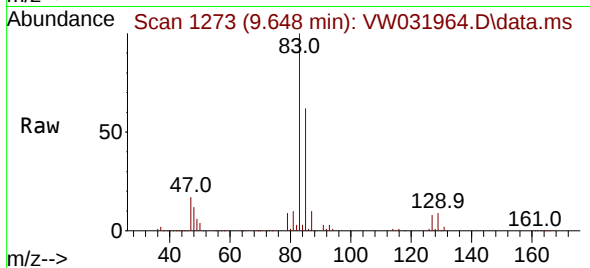




#47
Bromodichloromethane
Concen: 55.598 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

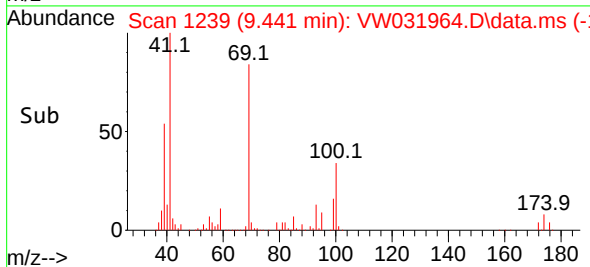
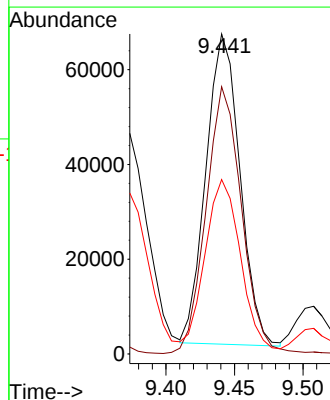
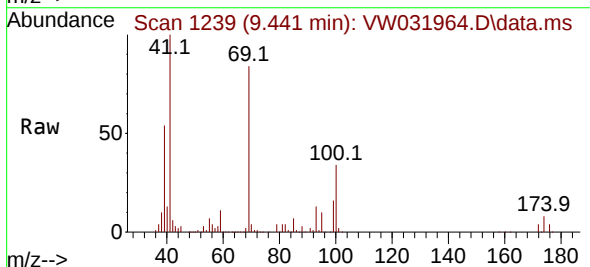
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

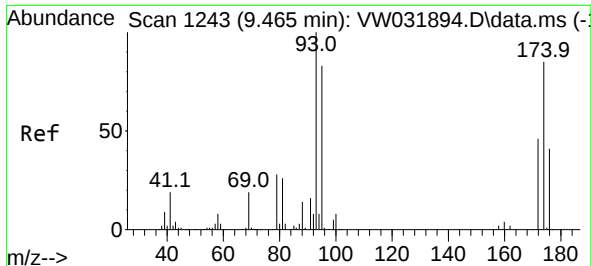
Tgt Ion: 83 Resp: 233890
Ion Ratio Lower Upper
83 100
85 62.1 50.6 76.0
127 8.4 6.5 9.7



#48
Methyl methacrylate
Concen: 57.921 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 41 Resp: 112971
Ion Ratio Lower Upper
41 100
69 90.2 73.6 110.4
39 55.7 45.5 68.3





#49

1,4-Dioxane

Concen: 1379.669 ug/l

RT: 9.459 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

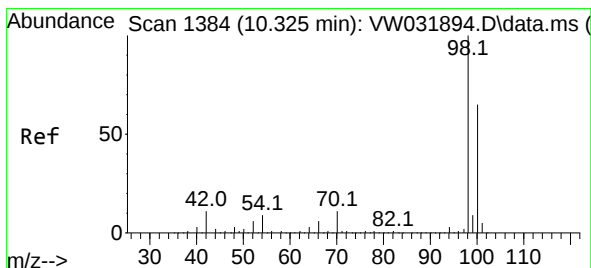
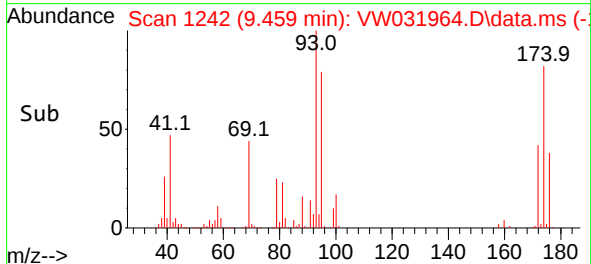
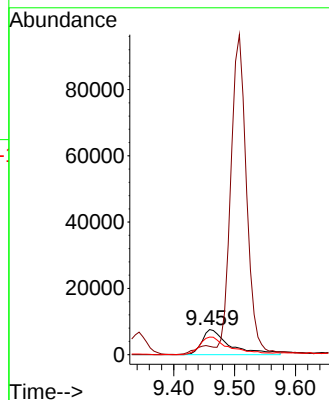
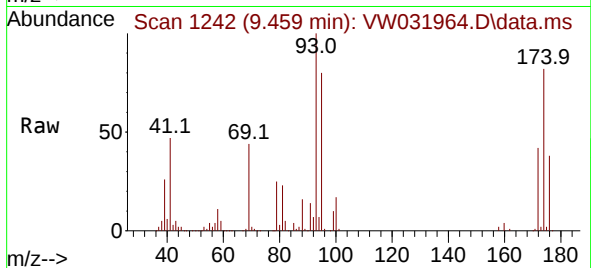
Tgt Ion: 88 Resp: 24152

Ion Ratio Lower Upper

88 100

43 23.2 19.0 28.4

58 75.3 58.2 87.2



#50

Toluene-d8

Concen: 52.469 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031964.D

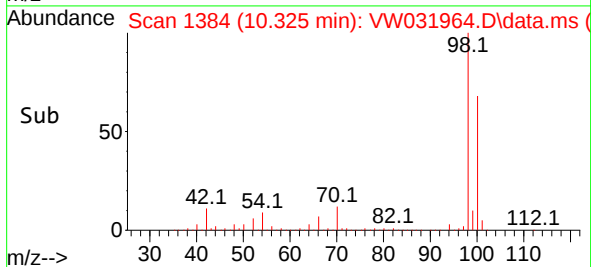
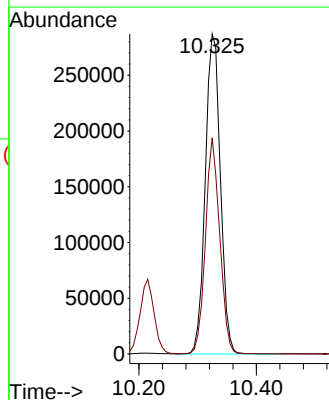
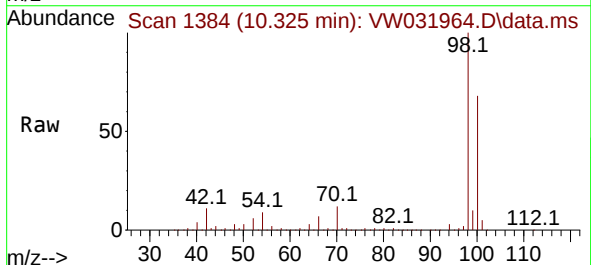
Acq: 31 Jul 2025 10:26

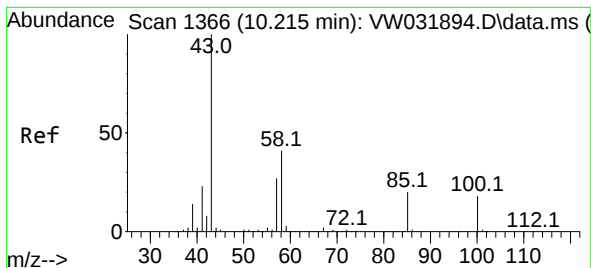
Tgt Ion: 98 Resp: 513316

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5

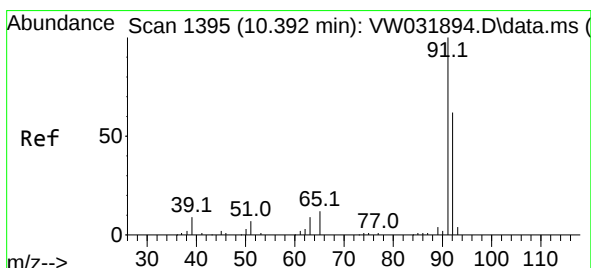
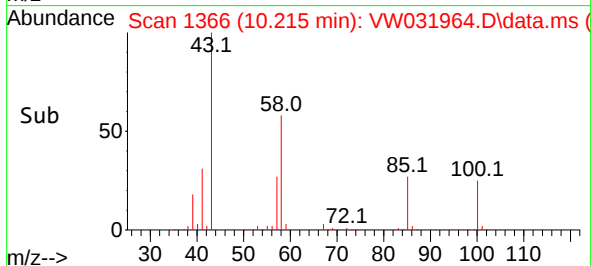
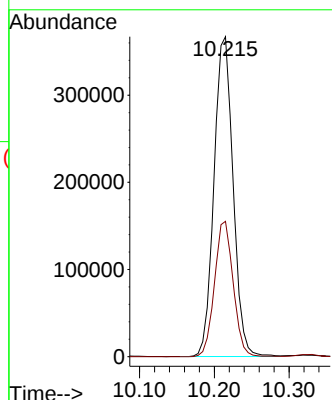
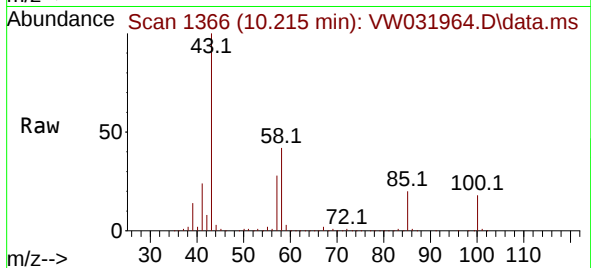




#51
4-Methyl-2-Pentanone
Concen: 290.553 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

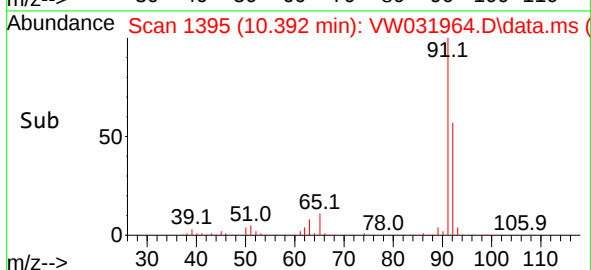
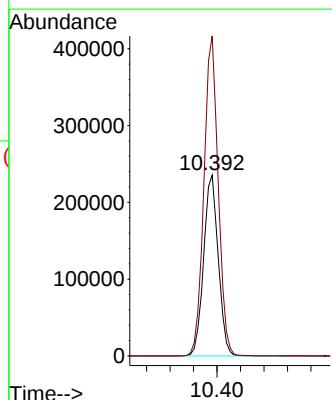
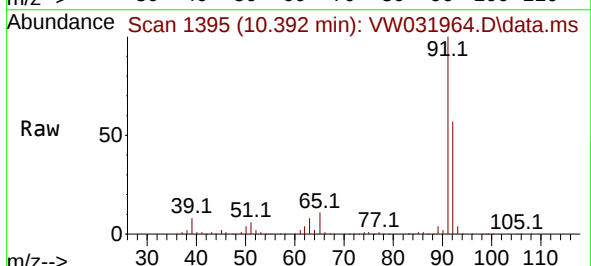
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

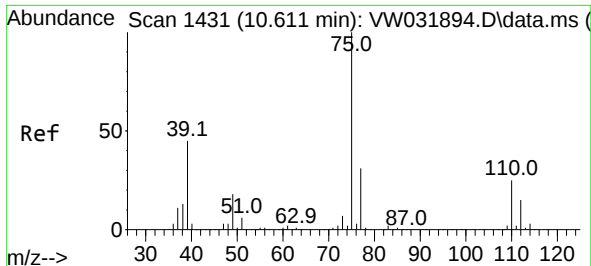
Tgt Ion: 43 Resp: 651895
Ion Ratio Lower Upper
43 100
58 41.5 32.8 49.2



#52
Toluene
Concen: 53.745 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 92 Resp: 406002
Ion Ratio Lower Upper
92 100
91 173.2 133.7 200.5

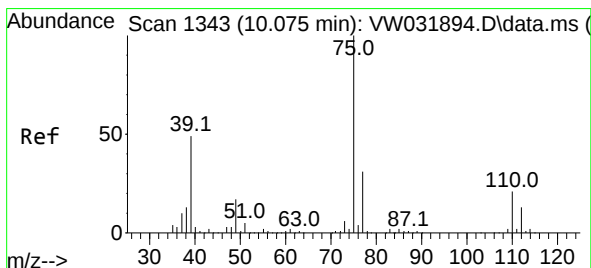
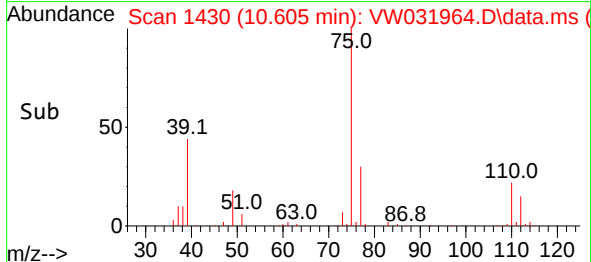
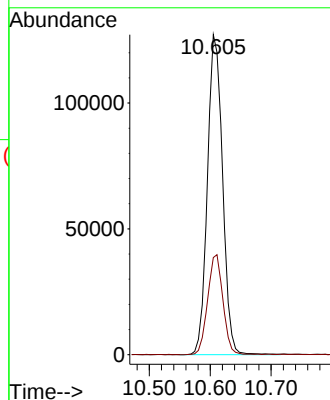
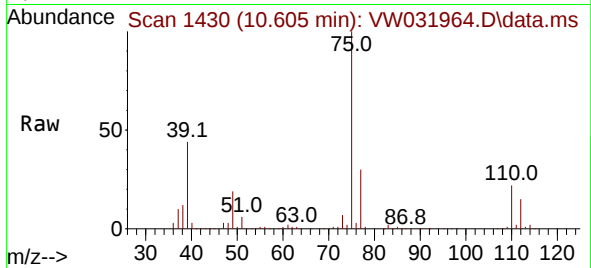




#53
t-1,3-Dichloropropene
Concen: 54.456 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

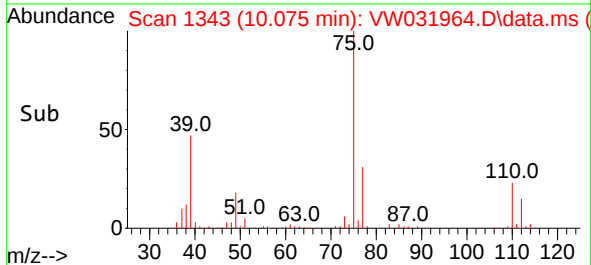
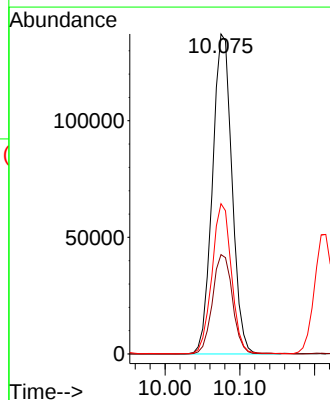
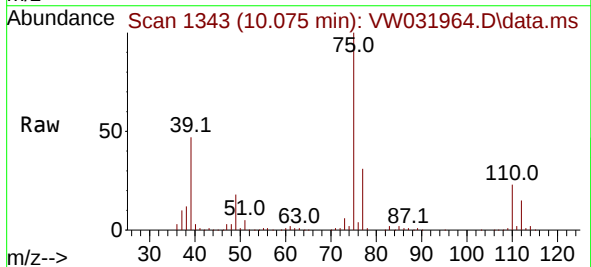
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

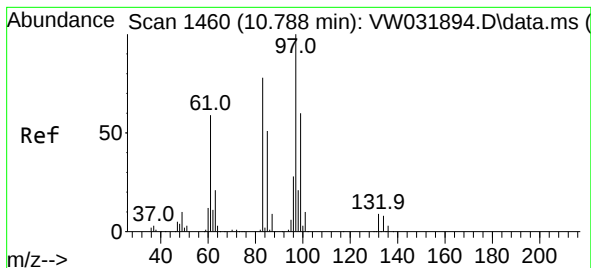
Tgt Ion: 75 Resp: 219754
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 54.089 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 75 Resp: 249266
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 46.9 39.3 58.9



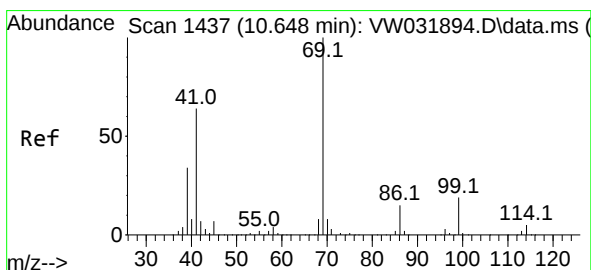
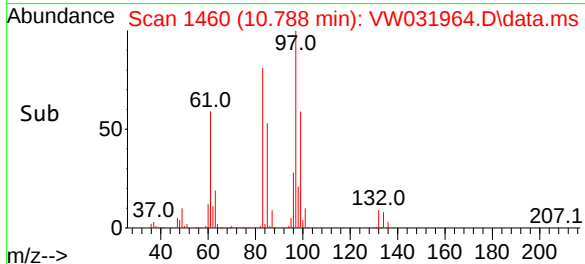
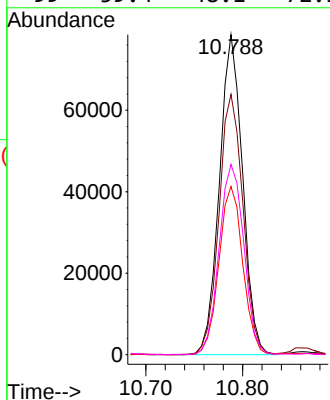
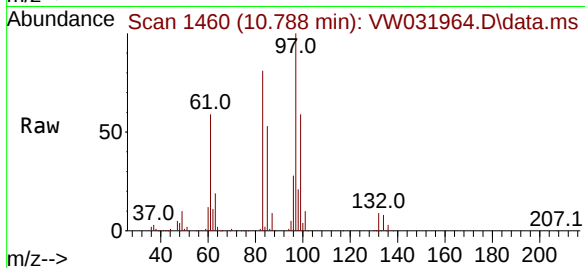


#55
1,1,2-Trichloroethane
Concen: 56.042 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 130598

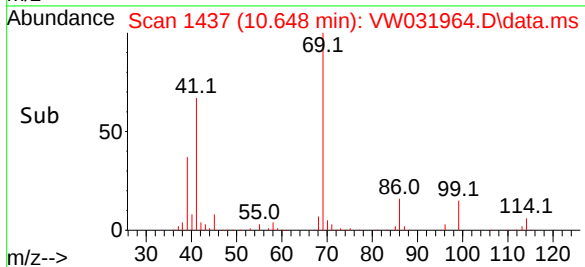
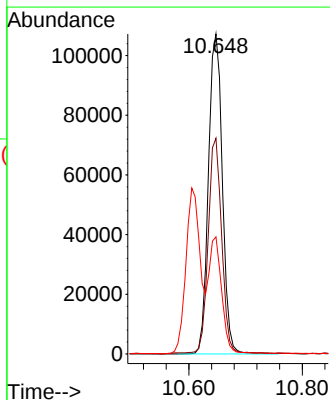
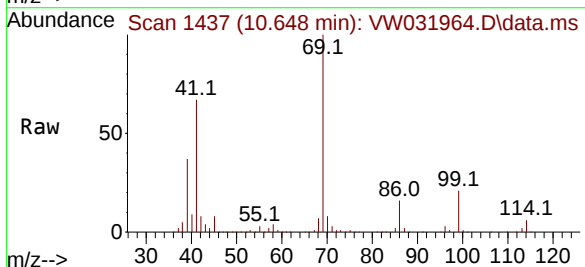
Ion	Ratio	Lower	Upper
97	100		
83	81.3	62.4	93.6
85	52.5	41.0	61.6
99	59.4	48.1	72.1

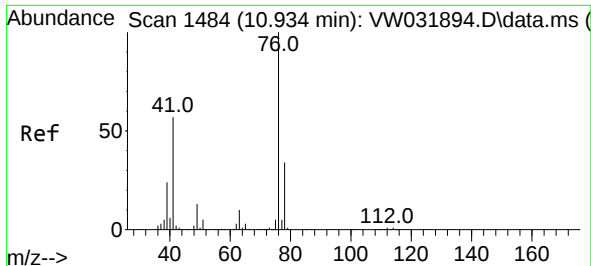


#56
Ethyl methacrylate
Concen: 55.629 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 69 Resp: 183087

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.0	78.0
39	32.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 55.453 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

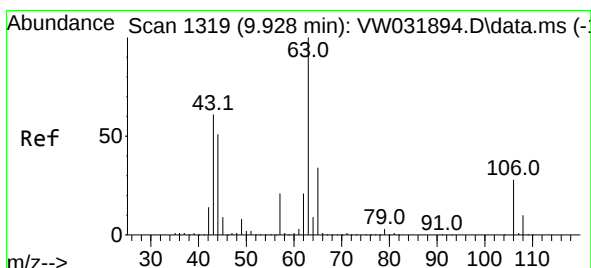
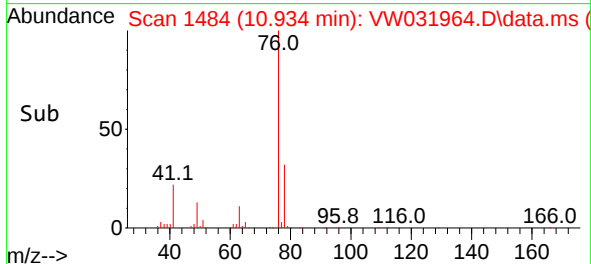
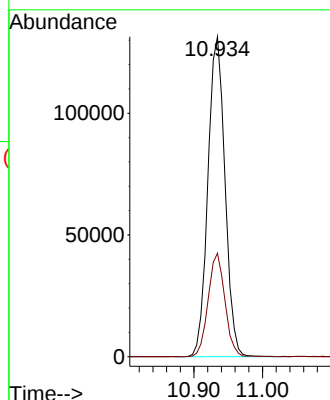
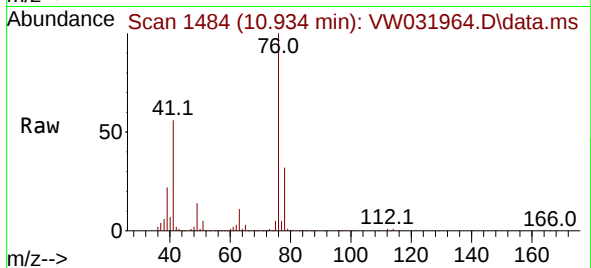
VSTDCCC050

Tgt Ion: 76 Resp: 227662

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.345 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031964.D

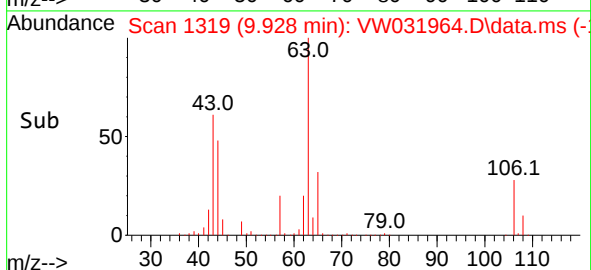
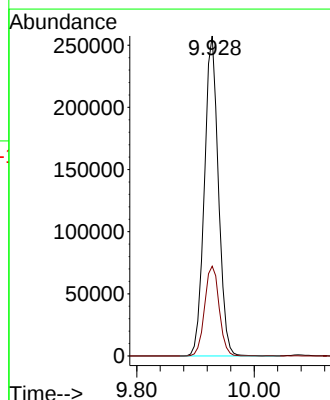
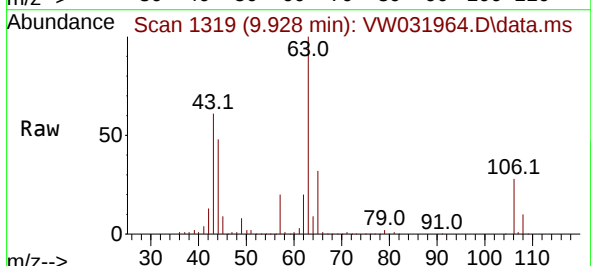
Acq: 31 Jul 2025 10:26

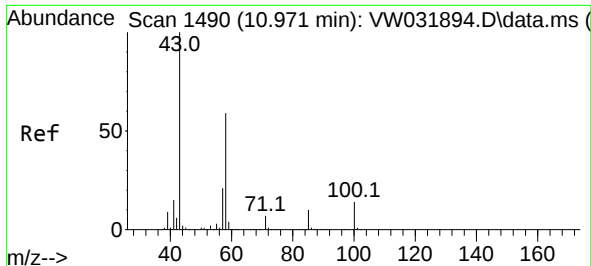
Tgt Ion: 63 Resp: 426598

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1

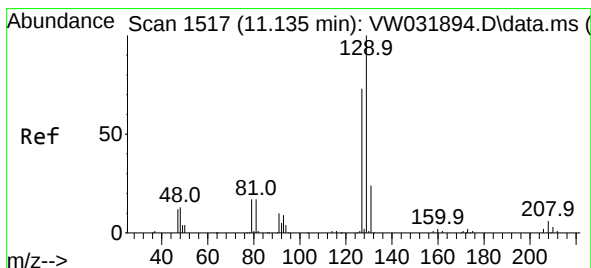
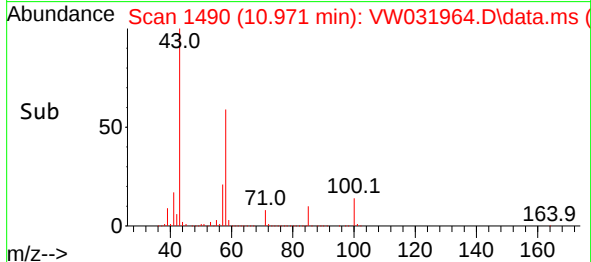
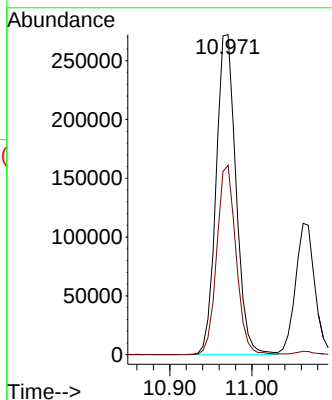
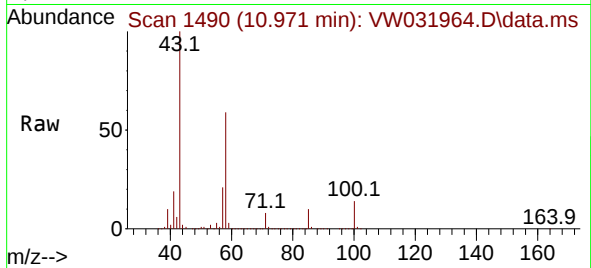




#59
2-Hexanone
Concen: 293.514 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

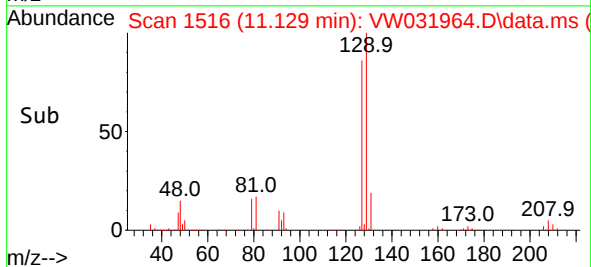
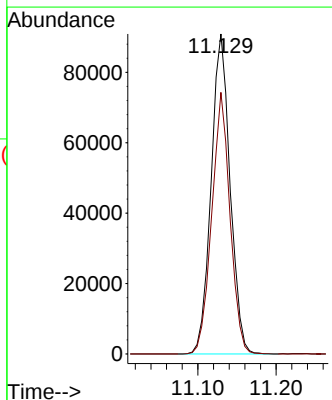
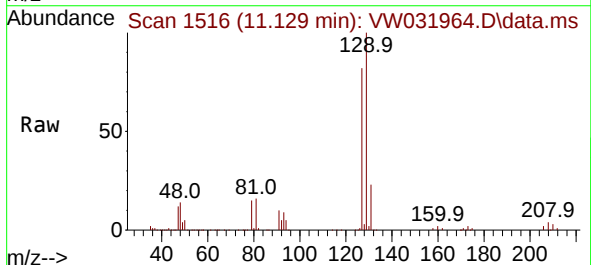
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

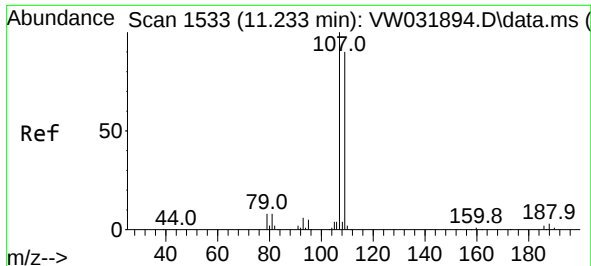
Tgt Ion: 43 Resp: 457748
Ion Ratio Lower Upper
43 100
58 57.3 28.5 85.6



#60
Dibromochloromethane
Concen: 56.264 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:129 Resp: 152872
Ion Ratio Lower Upper
129 100
127 78.5 39.6 118.8

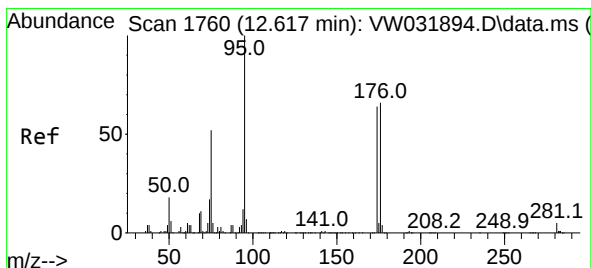
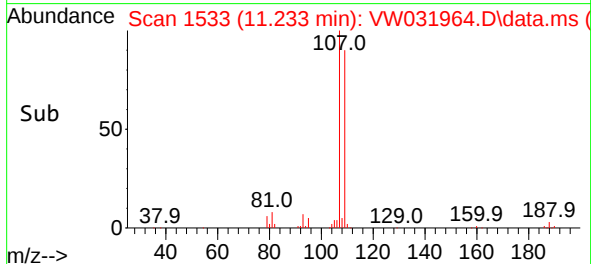
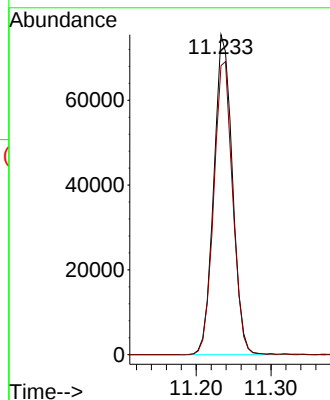
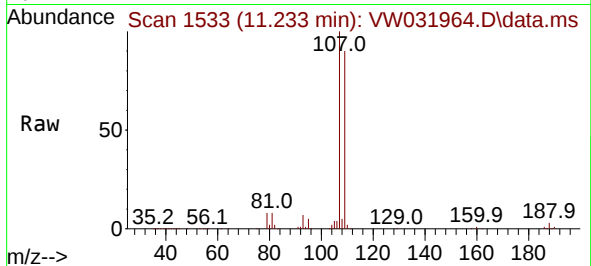




#61
1,2-Dibromoethane
Concen: 56.875 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

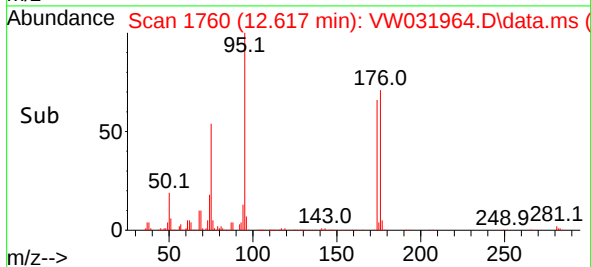
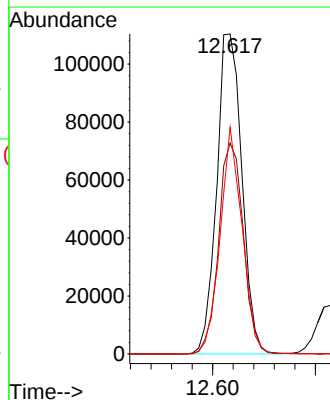
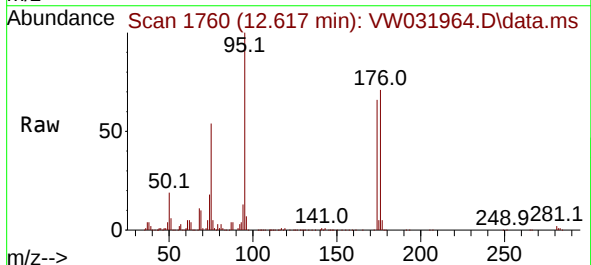
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

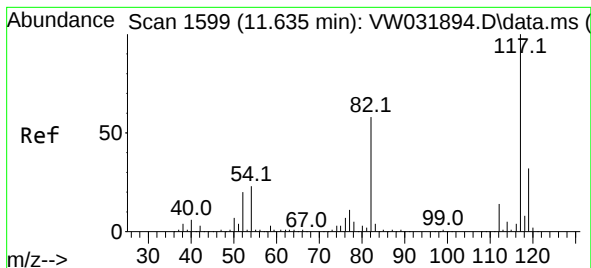
Tgt Ion:107 Resp: 130966
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.988 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 95 Resp: 187786
Ion Ratio Lower Upper
95 100
174 64.6 0.0 129.8
176 61.9 0.0 130.4

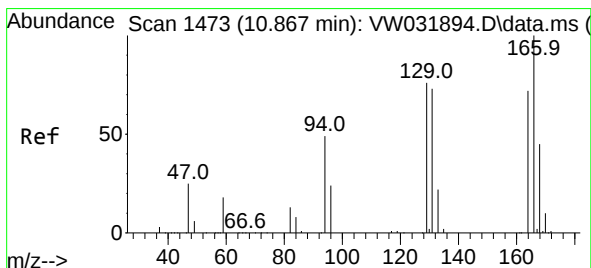
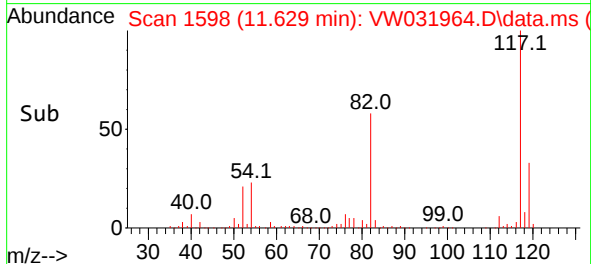
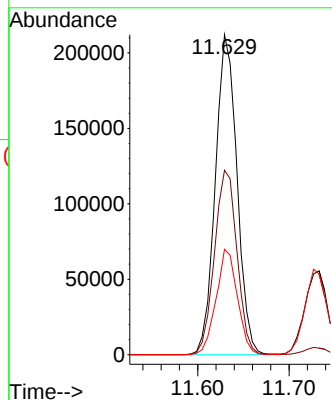
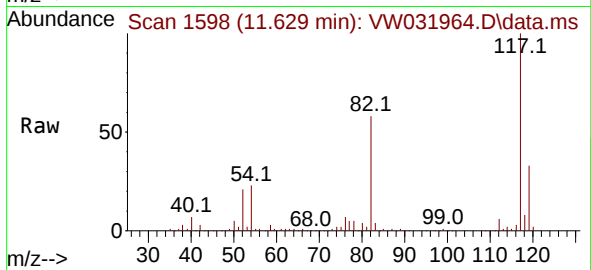




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

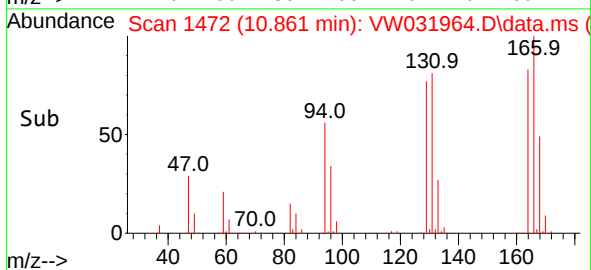
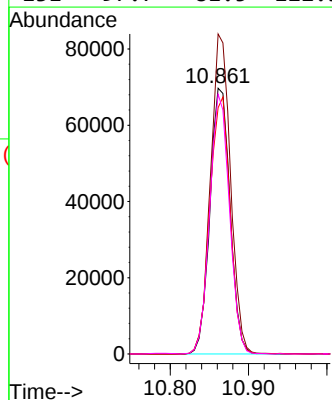
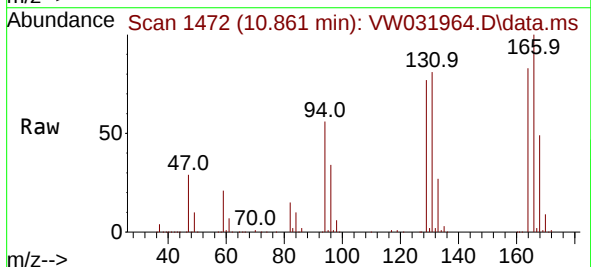
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

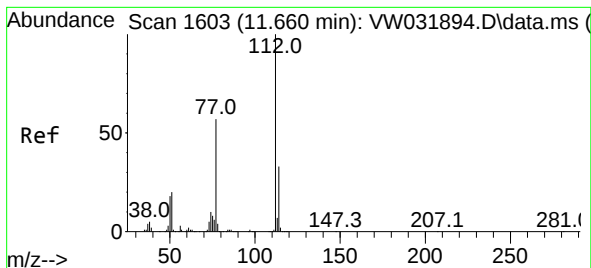
Tgt Ion:117 Resp: 349396
Ion Ratio Lower Upper
117 100
82 57.6 46.5 69.7
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 53.841 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:164 Resp: 124029
Ion Ratio Lower Upper
164 100
166 120.4 111.5 167.3
129 92.7 85.1 127.7
131 97.7 81.5 122.3





#65

Chlorobenzene

Concen: 50.130 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

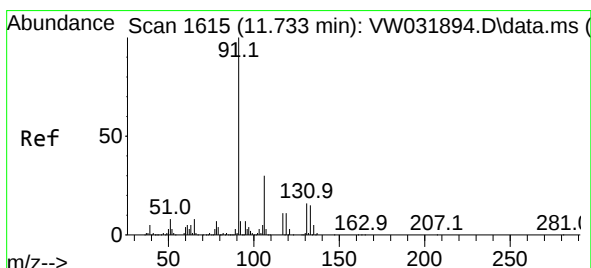
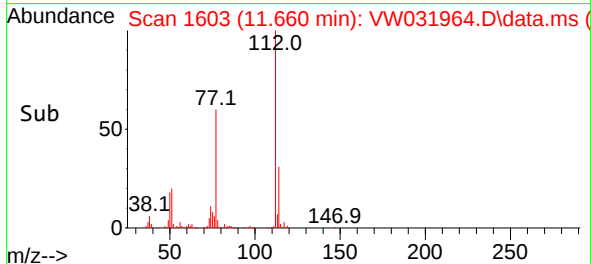
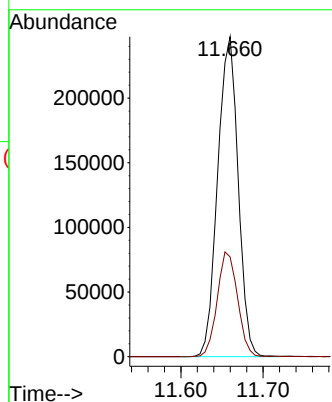
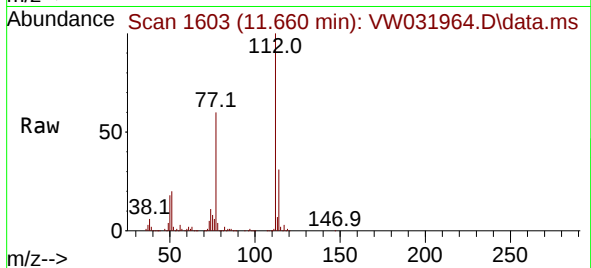
VSTDCCC050

Tgt Ion:112 Resp: 428676

Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 52.574 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

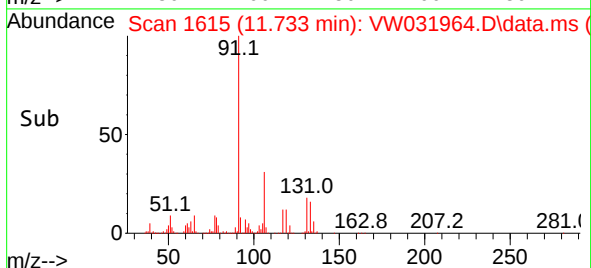
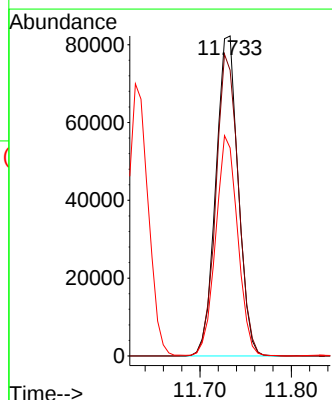
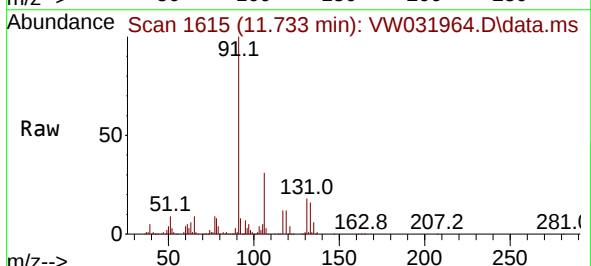
Tgt Ion:131 Resp: 139373

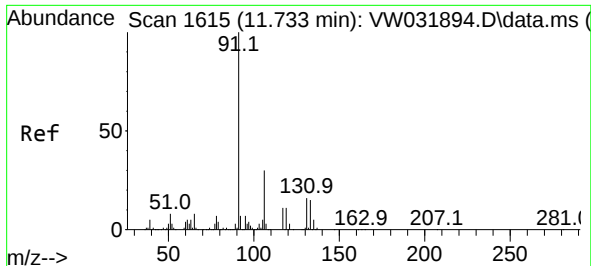
Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.4

119 68.3 33.7 101.1





#67

Ethyl Benzene

Concen: 51.365 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

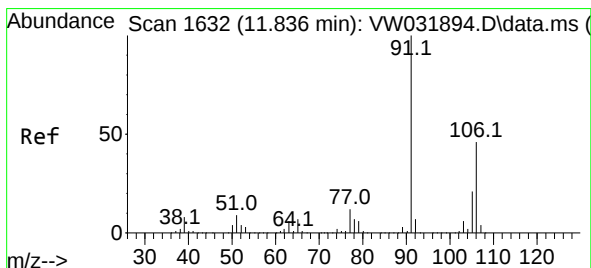
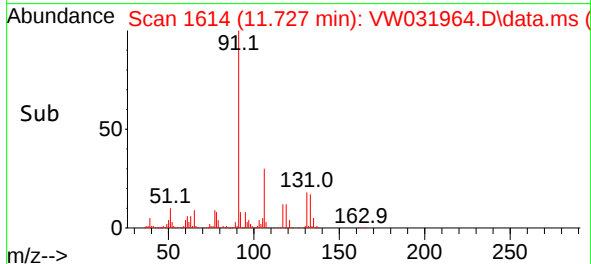
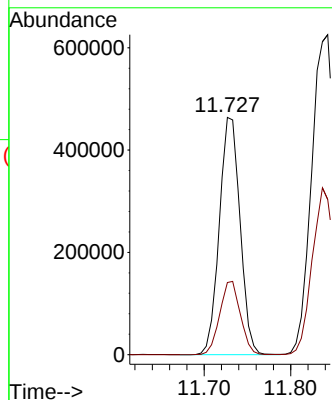
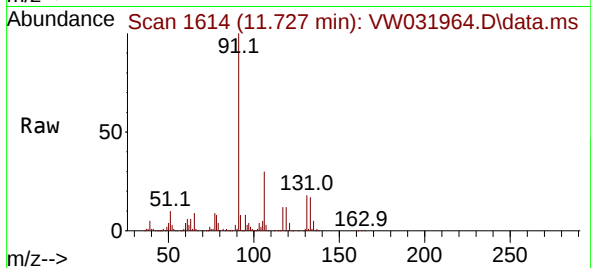
VSTDCCC050

Tgt Ion: 91 Resp: 771741

Ion Ratio Lower Upper

91 100

106 30.4 23.8 35.6



#68

m/p-Xylenes

Concen: 105.375 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031964.D

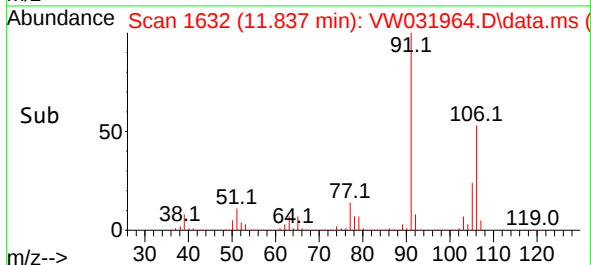
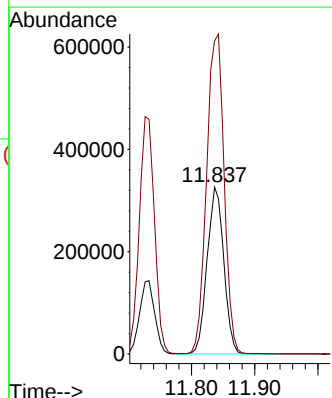
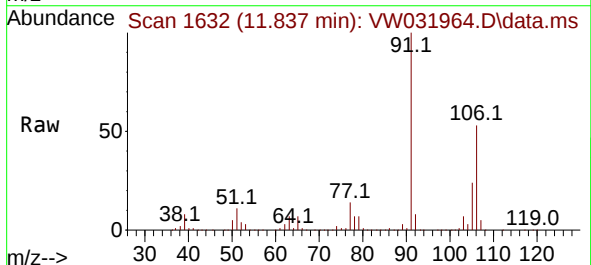
Acq: 31 Jul 2025 10:26

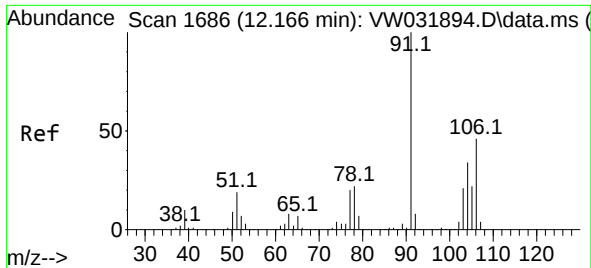
Tgt Ion: 106 Resp: 596010

Ion Ratio Lower Upper

106 100

91 202.2 167.7 251.5

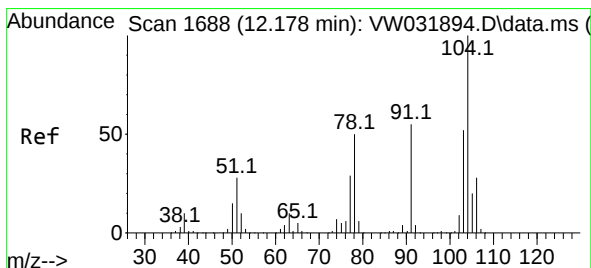
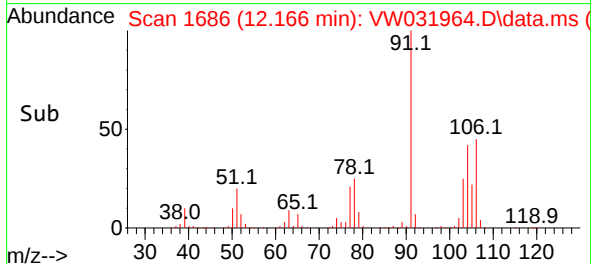
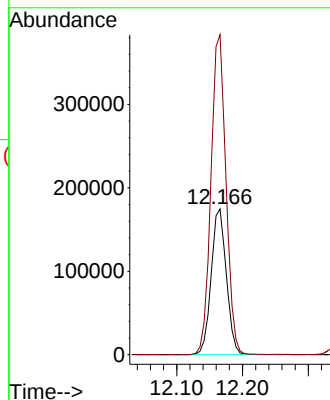
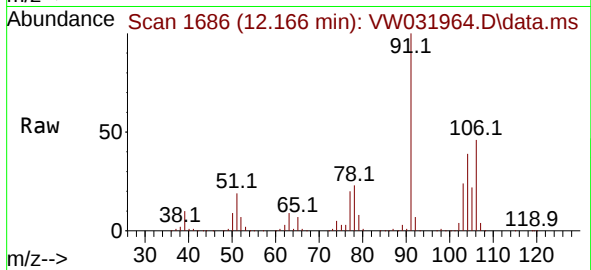




#69
o-Xylene
Concen: 52.254 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

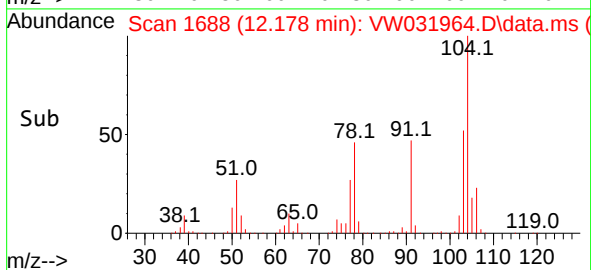
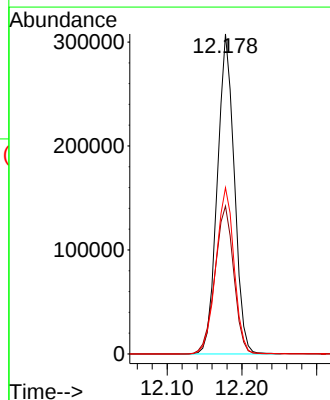
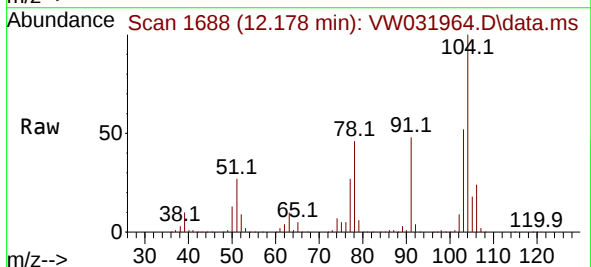
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

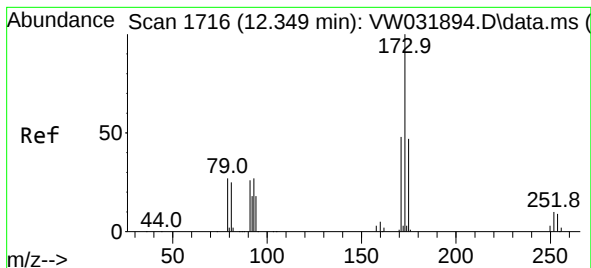
Tgt Ion:106 Resp: 279704
Ion Ratio Lower Upper
106 100
91 218.4 108.2 324.6



#70
Styrene
Concen: 53.332 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:104 Resp: 486041
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.4
103 55.6 42.8 64.2





#71

Bromoform

Concen: 57.189 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

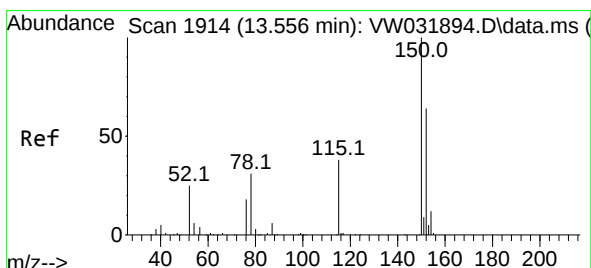
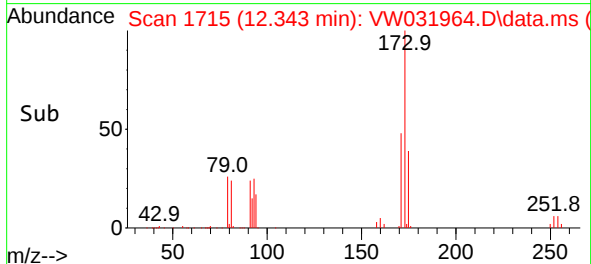
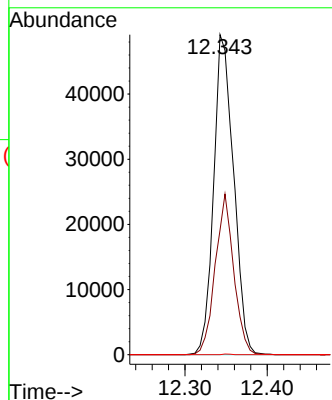
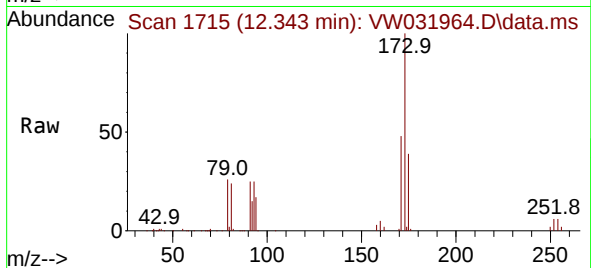
Tgt Ion:173 Resp: 82914

Ion Ratio Lower Upper

173 100

175 46.6 24.5 73.5

254 0.1 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: VW031964.D

Acq: 31 Jul 2025 10:26

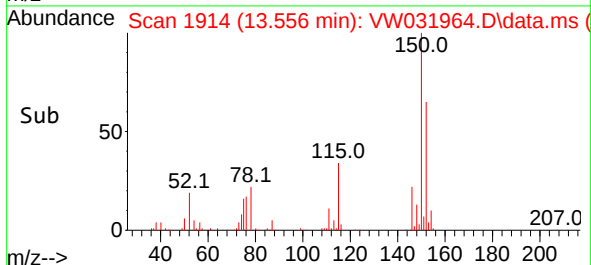
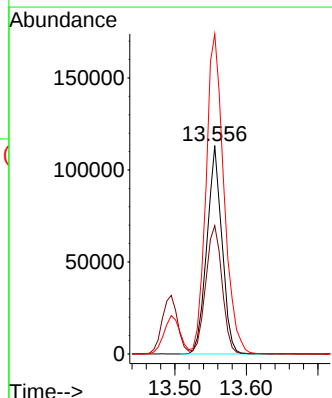
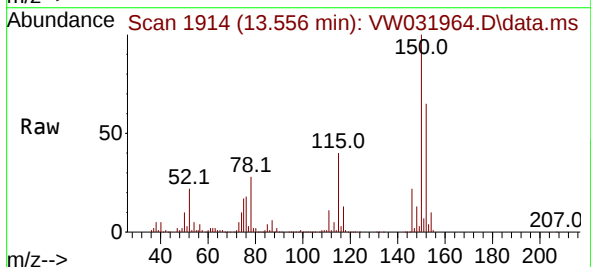
Tgt Ion:152 Resp: 165841

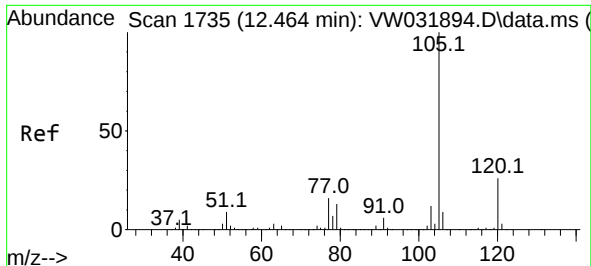
Ion Ratio Lower Upper

152 100

115 66.6 33.4 100.1

150 181.9 0.0 352.2

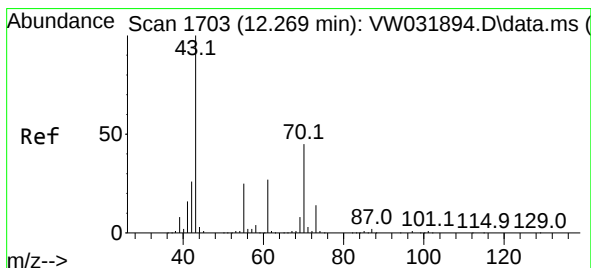
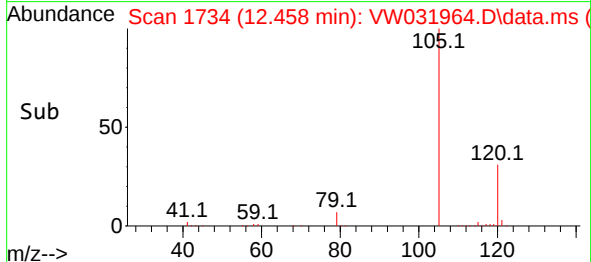
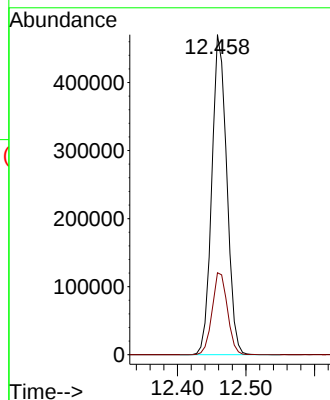
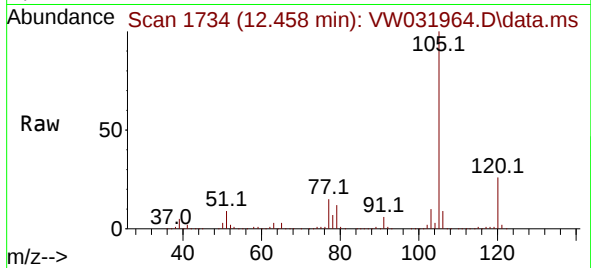




#73
Isopropylbenzene
Concen: 49.572 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

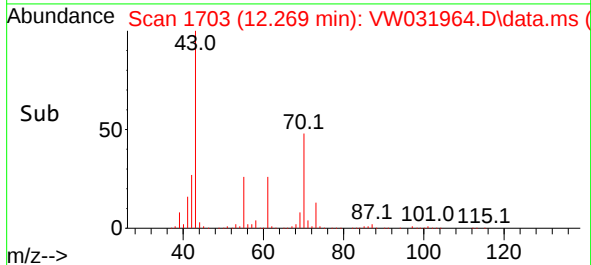
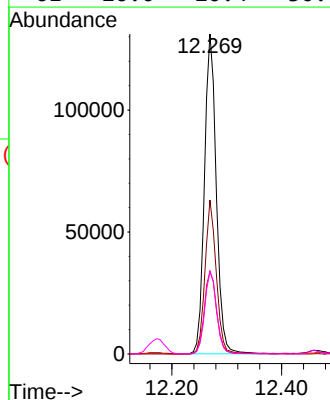
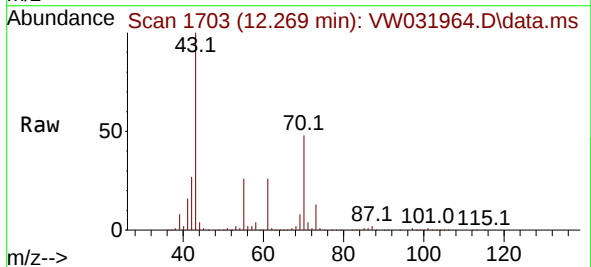
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

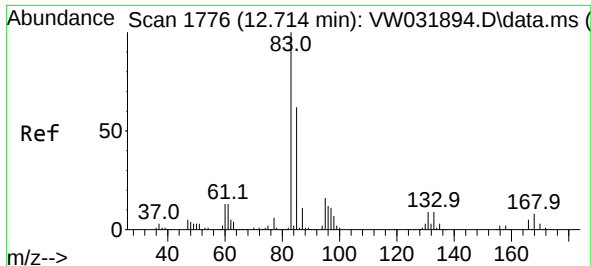
Tgt Ion:105 Resp: 713307
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.8



#74
N-ethyl acetate
Concen: 50.411 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 43 Resp: 196105
Ion Ratio Lower Upper
43 100
70 46.1 36.6 55.0
55 26.9 20.7 31.1
61 26.0 20.4 30.6

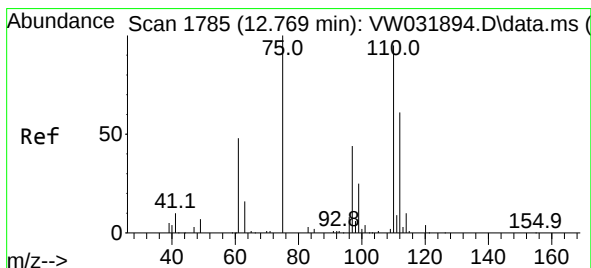
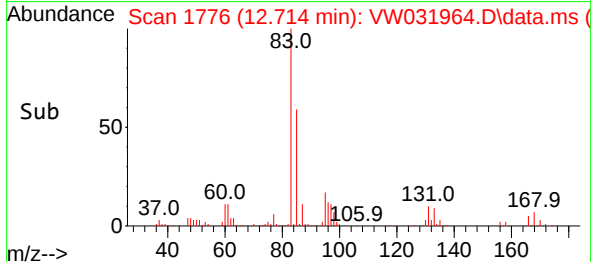
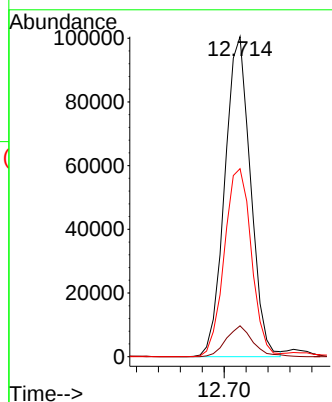
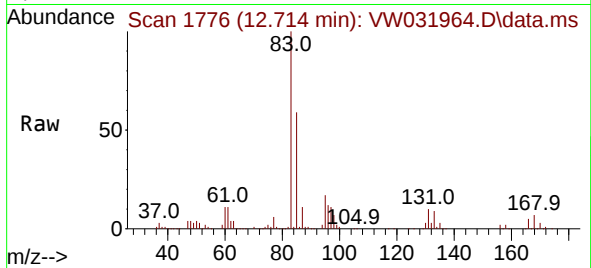




#75
1,1,2,2-Tetrachloroethane
Concen: 53.667 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

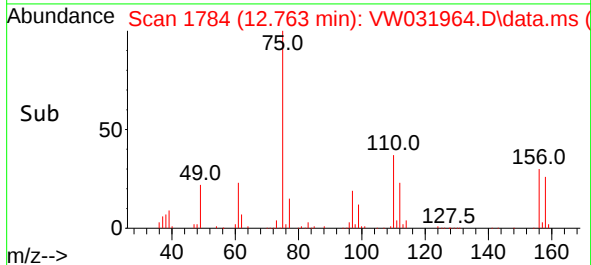
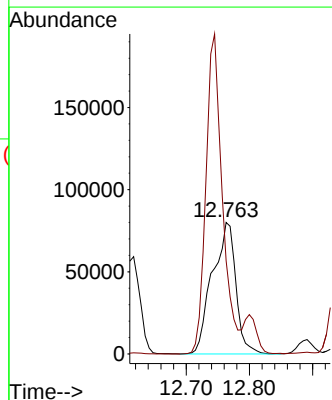
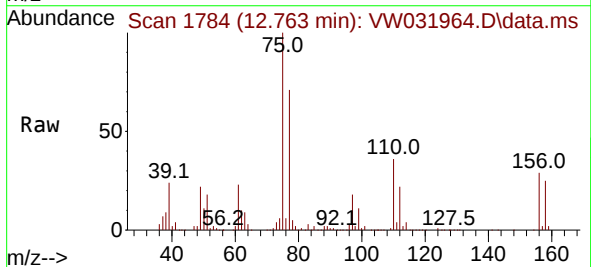
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

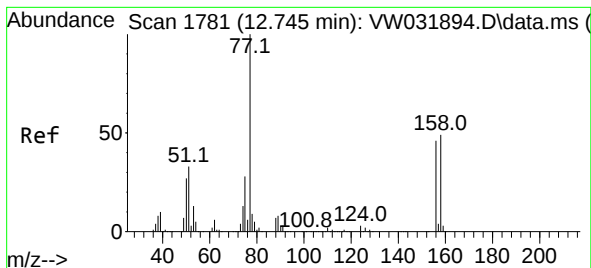
Tgt Ion: 83 Resp: 163918
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 61.9 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 89.821 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 75 Resp: 205662
Ion Ratio Lower Upper
75 100
77 170.3 0.0 0.0#





#77

Bromobenzene

Concen: 51.729 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

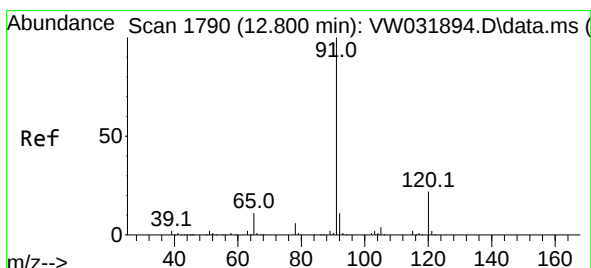
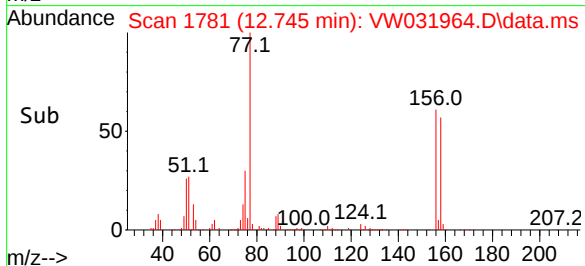
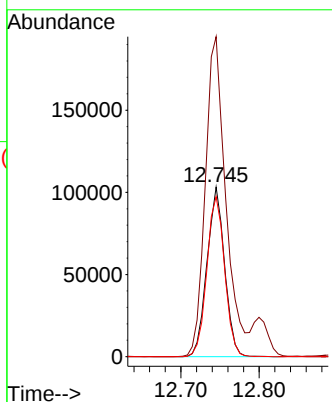
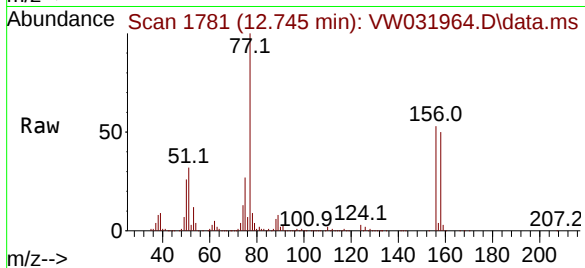
Tgt Ion:156 Resp: 161054

Ion Ratio Lower Upper

156 100

77 217.4 115.3 345.8

158 95.5 50.1 150.3



#78

n-propylbenzene

Concen: 49.456 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031964.D

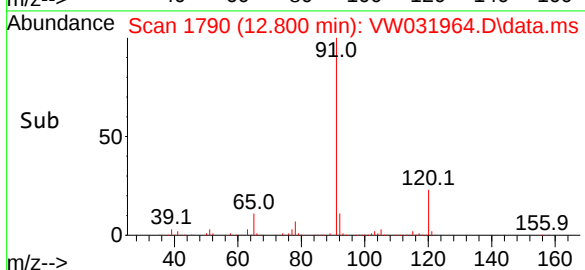
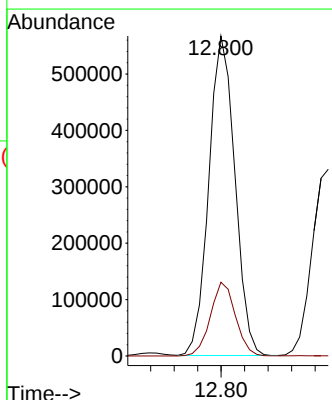
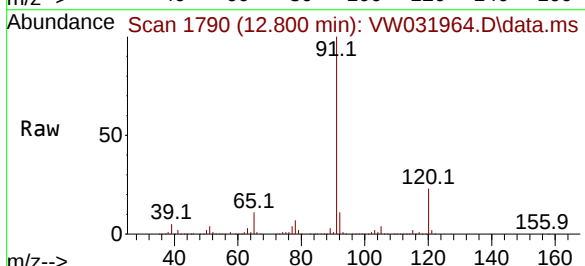
Acq: 31 Jul 2025 10:26

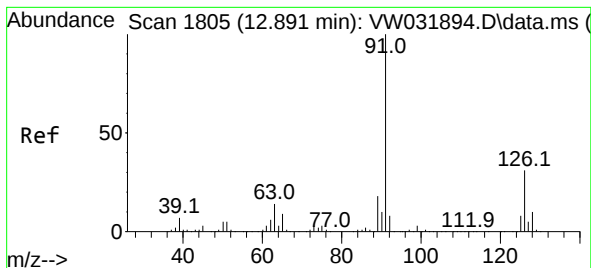
Tgt Ion: 91 Resp: 874035

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.6

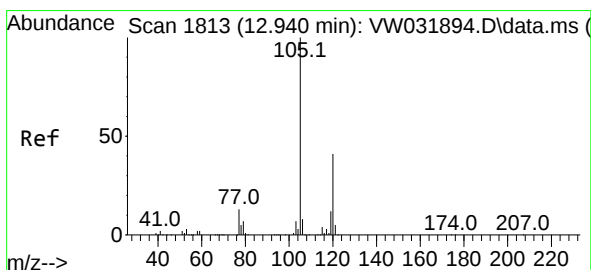
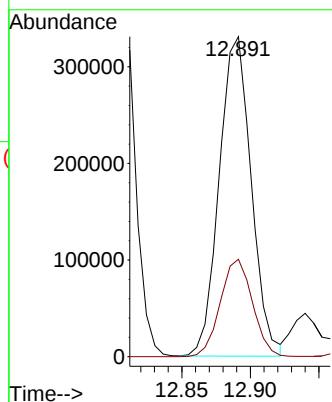
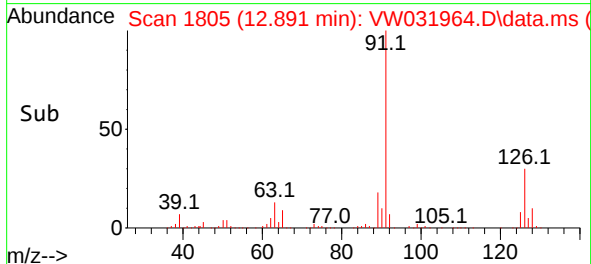
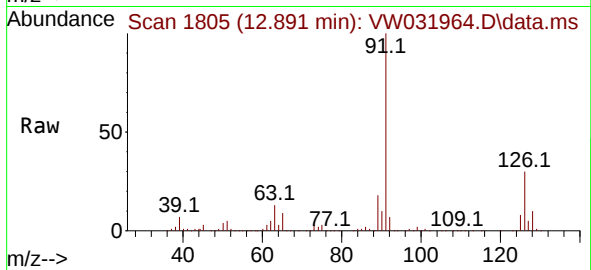




#79
2-Chlorotoluene
Concen: 50.982 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

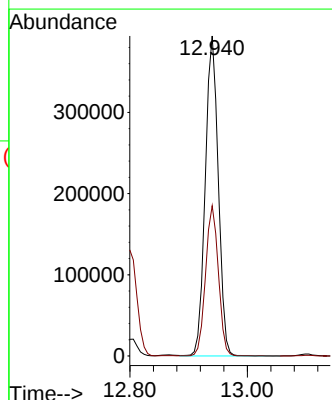
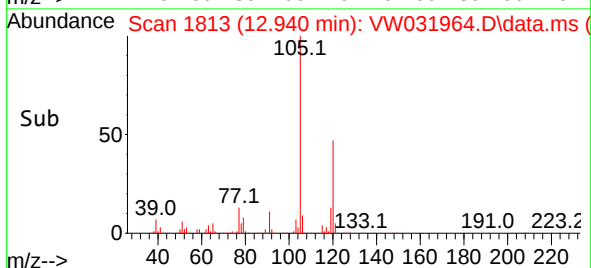
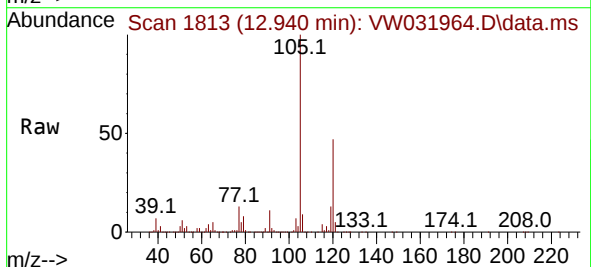
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

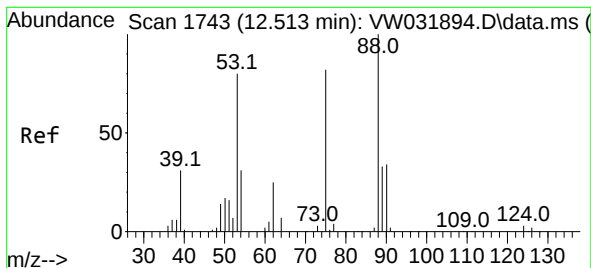
Tgt Ion: 91 Resp: 537950
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 50.295 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 105 Resp: 606970
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5

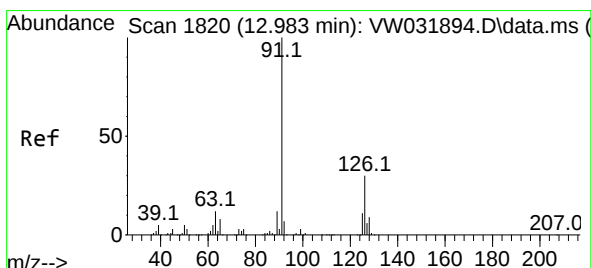
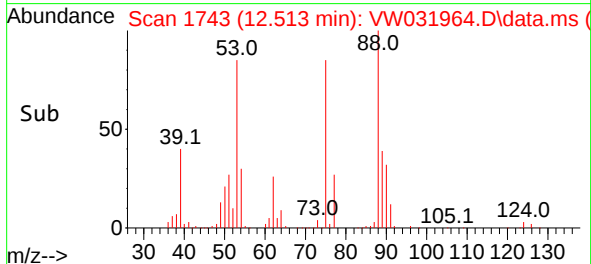
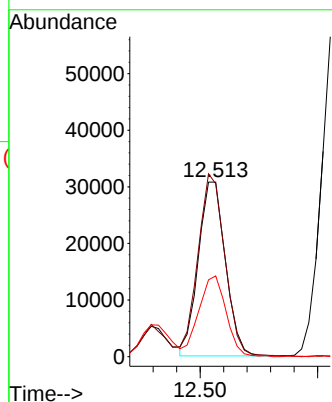
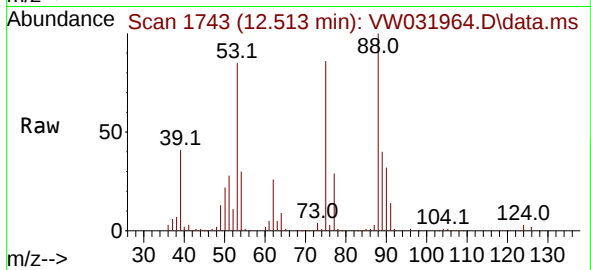




#81
trans-1,4-Dichloro-2-butene
Concen: 49.745 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

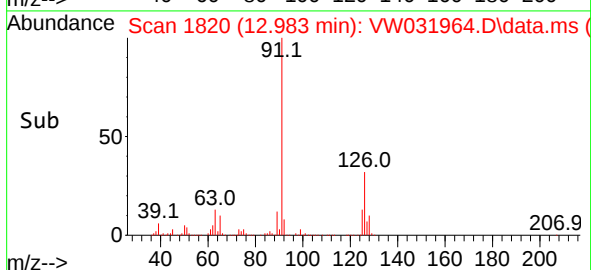
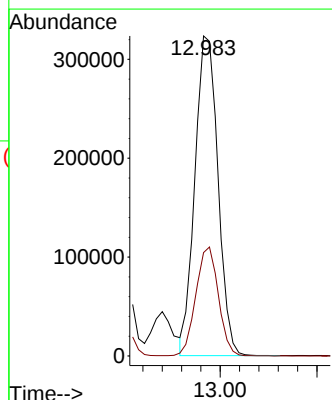
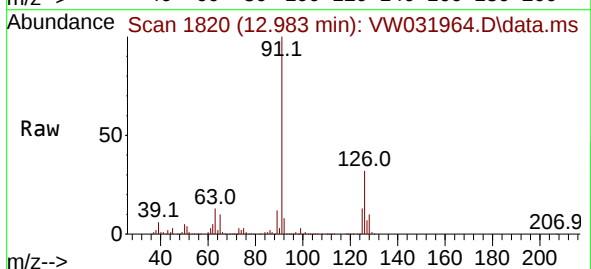
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

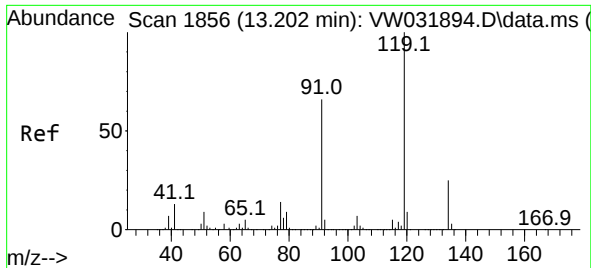
Tgt Ion: 75 Resp: 49335
Ion Ratio Lower Upper
75 100
53 105.7 83.7 125.5
89 47.0 39.0 58.6



#82
4-Chlorotoluene
Concen: 48.367 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 91 Resp: 535413
Ion Ratio Lower Upper
91 100
126 33.5 15.8 47.3

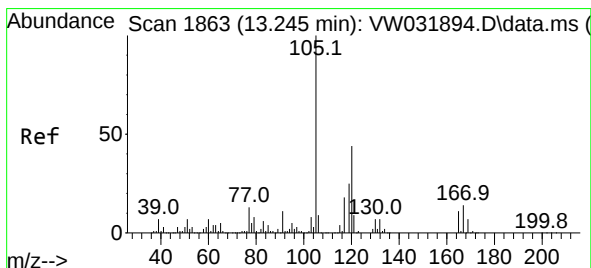
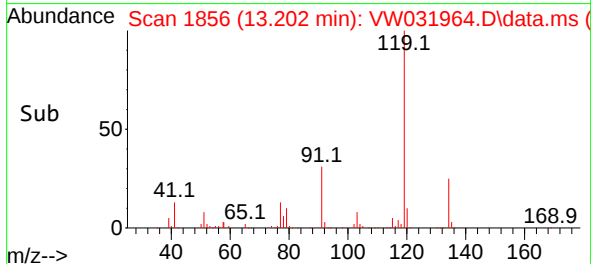
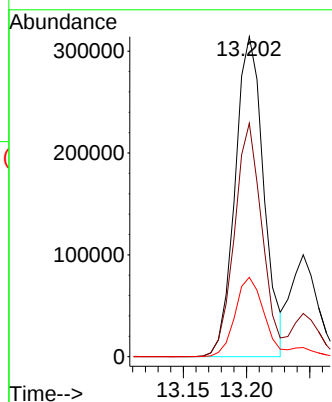
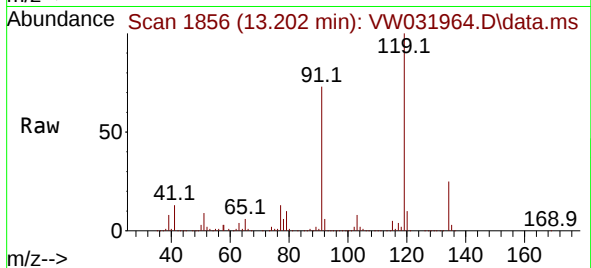




#83
tert-Butylbenzene
Concen: 48.364 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

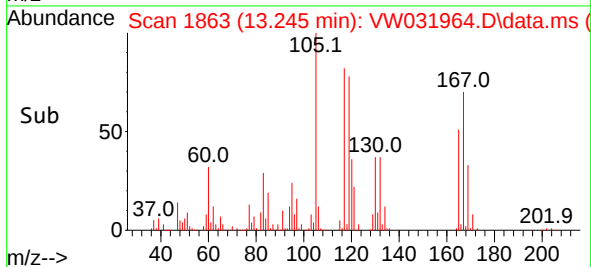
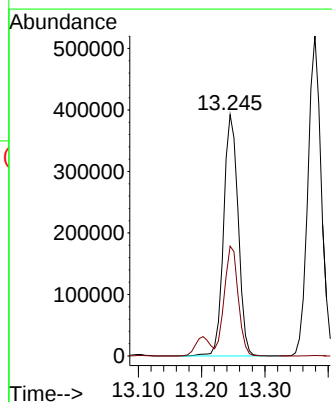
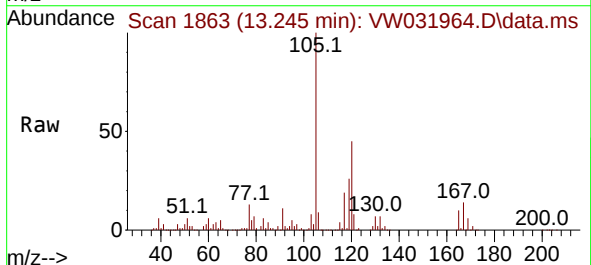
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

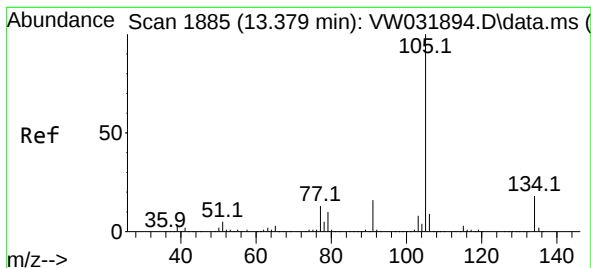
Tgt Ion:119 Resp: 497169
Ion Ratio Lower Upper
119 100
91 69.8 35.5 106.5
134 25.1 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 51.028 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:105 Resp: 623299
Ion Ratio Lower Upper
105 100
120 43.5 21.3 63.9

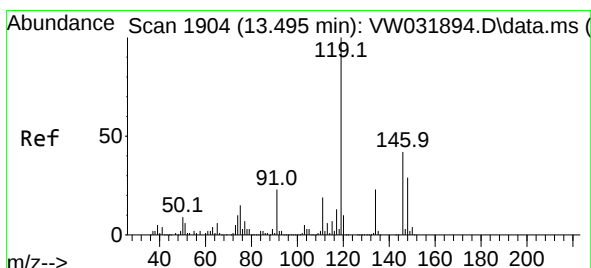
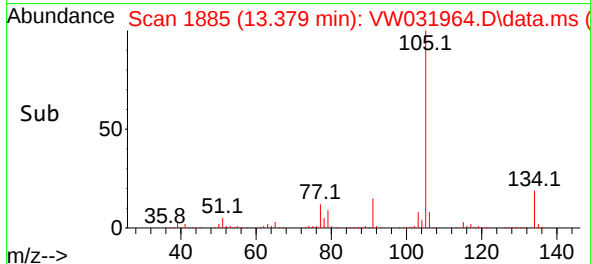
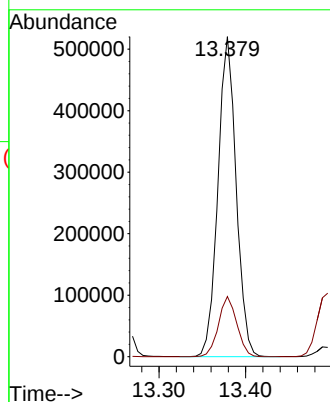
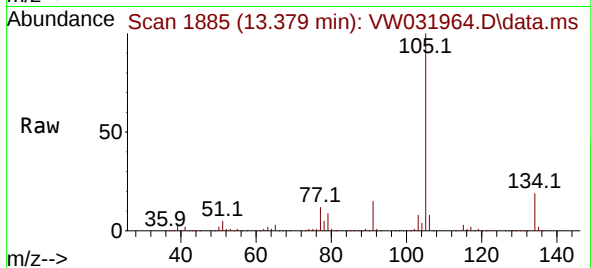




#85
 sec-Butylbenzene
 Concen: 49.191 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031964.D
 Acq: 31 Jul 2025 10:26

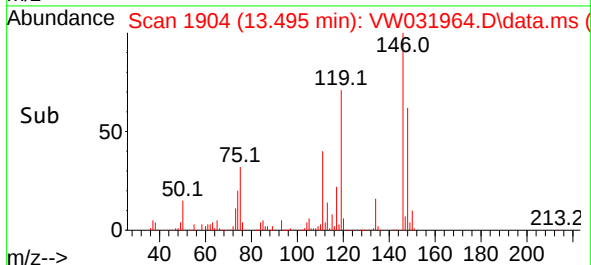
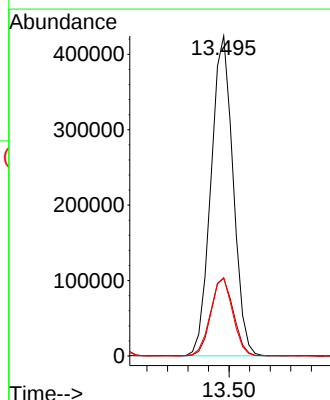
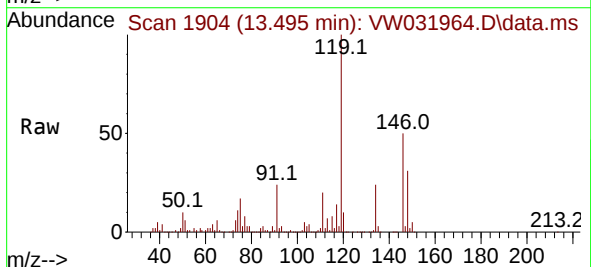
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

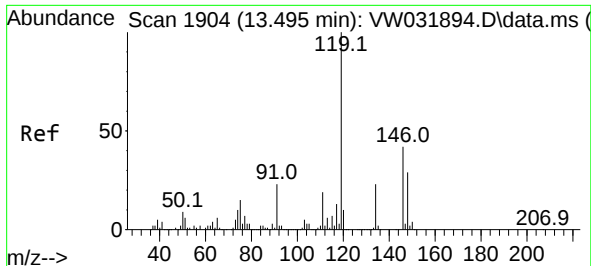
Tgt Ion:105 Resp: 759392
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 49.549 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031964.D
 Acq: 31 Jul 2025 10:26

Tgt Ion:119 Resp: 632244
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 39.0
 91 24.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.736 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

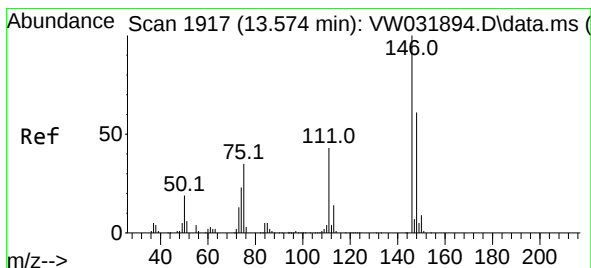
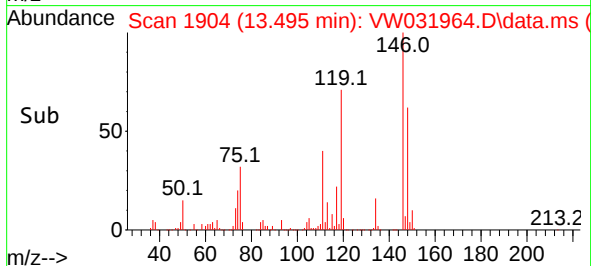
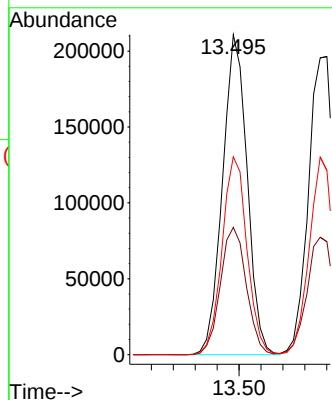
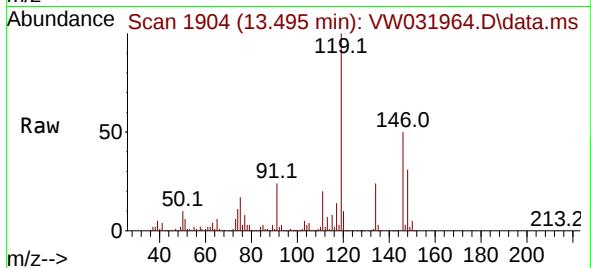
Tgt Ion:146 Resp: 328811

Ion Ratio Lower Upper

146 100

111 41.9 21.9 65.7

148 62.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.420 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

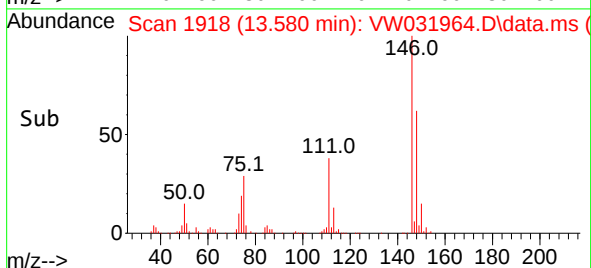
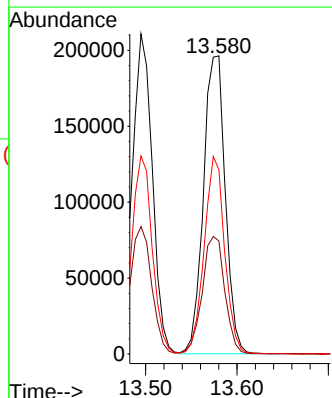
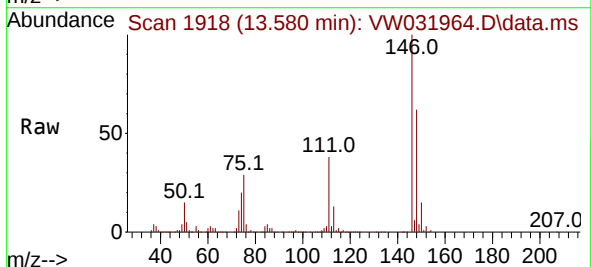
Tgt Ion:146 Resp: 326448

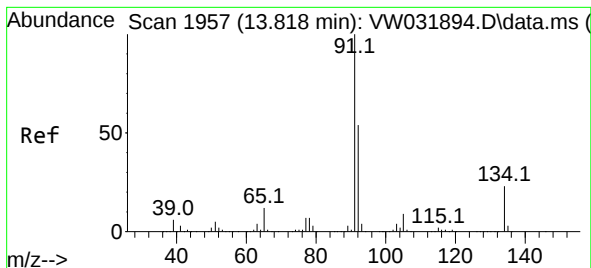
Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.3

148 62.2 31.8 95.3

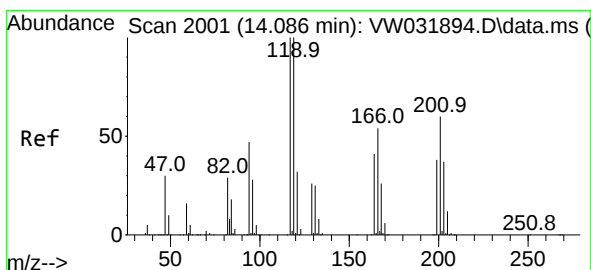
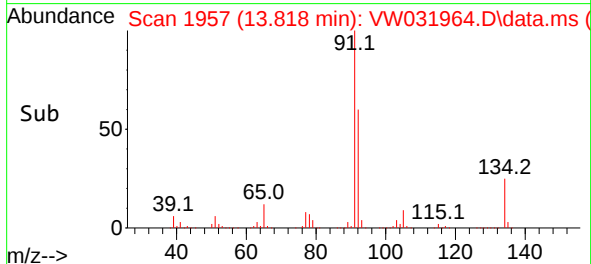
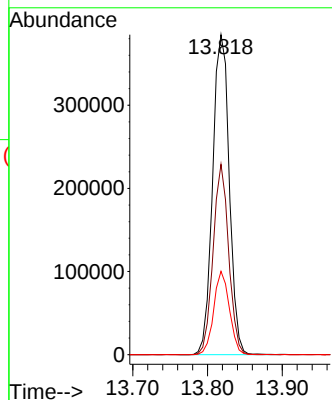
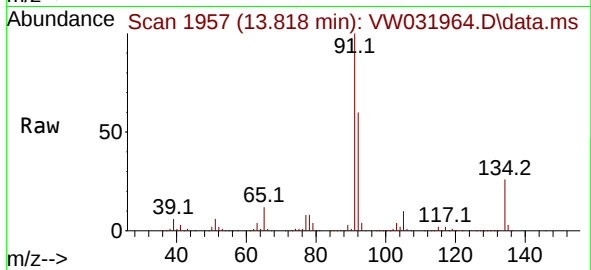




#89
n-Butylbenzene
Concen: 47.644 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

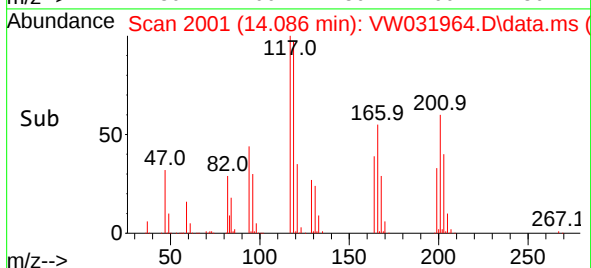
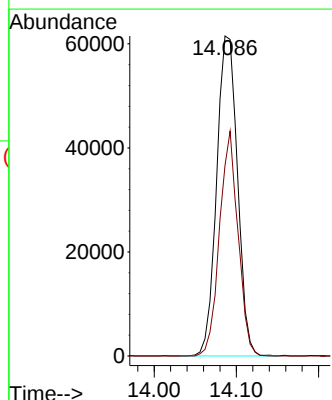
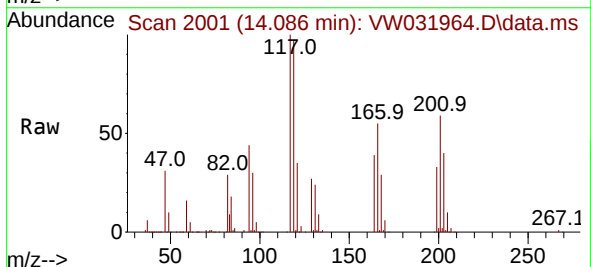
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

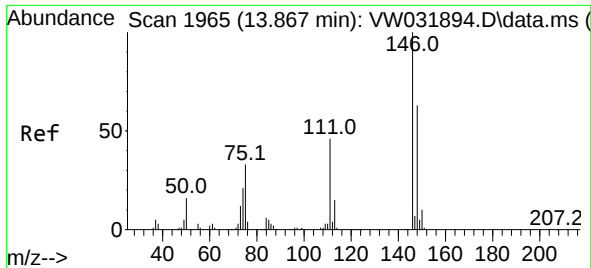
Tgt Ion: 91 Resp: 596365
Ion Ratio Lower Upper
91 100
92 55.8 27.2 81.5
134 24.6 11.6 34.7



#90
Hexachloroethane
Concen: 49.091 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 117 Resp: 108316
Ion Ratio Lower Upper
117 100
201 62.4 28.4 85.2

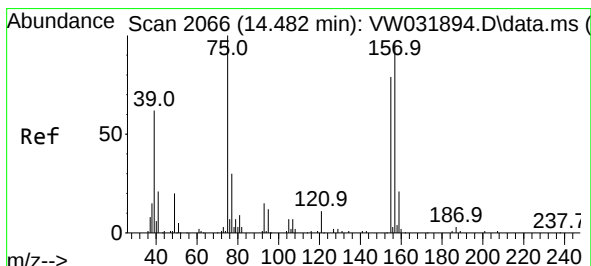
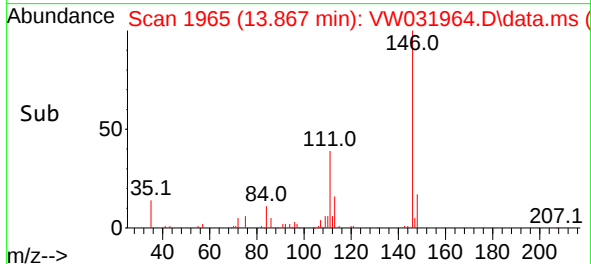
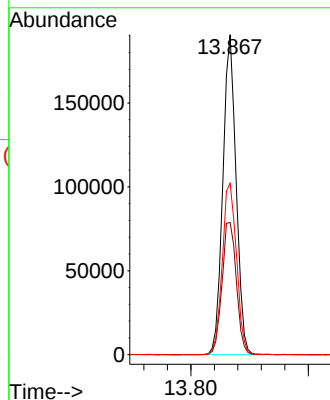
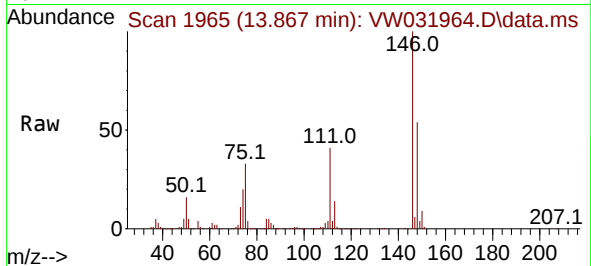




#91
1,2-Dichlorobenzene
Concen: 52.037 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

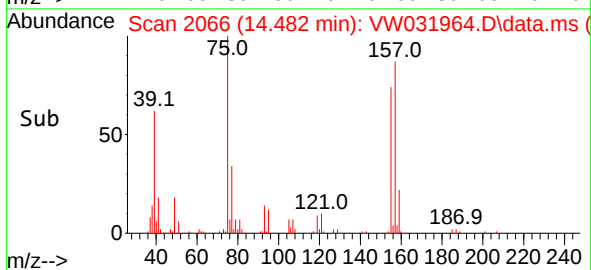
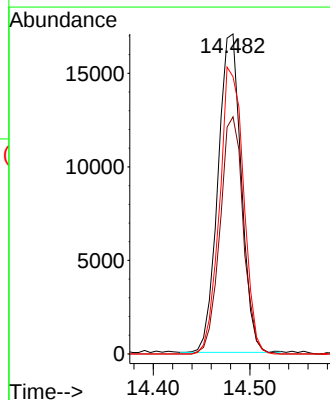
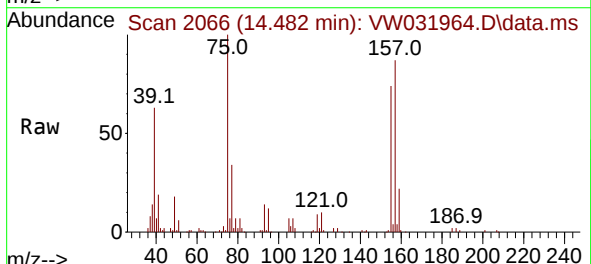
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

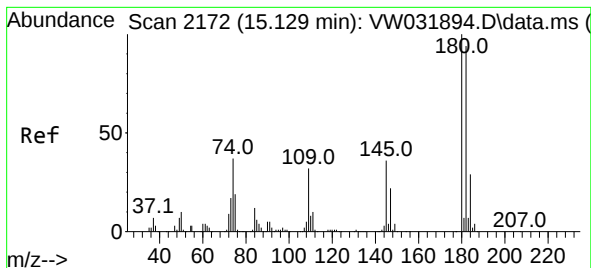
Tgt Ion:146 Resp: 298877
Ion Ratio Lower Upper
146 100
111 44.7 23.6 71.0
148 57.5 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.519 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion: 75 Resp: 28429
Ion Ratio Lower Upper
75 100
155 74.5 35.9 107.7
157 92.6 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 51.649 ug/l

RT: 15.123 min Scan# 2172

Delta R.T. -0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

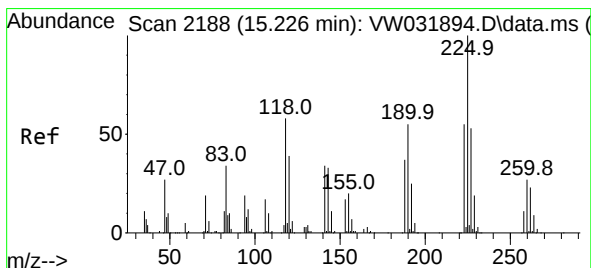
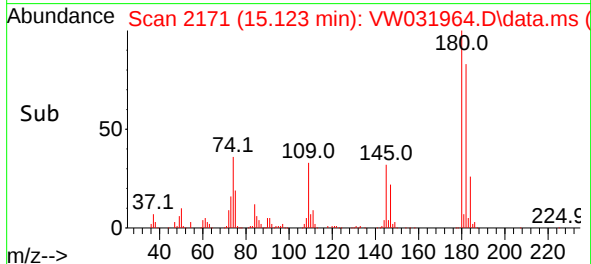
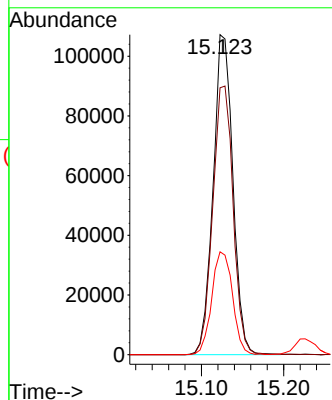
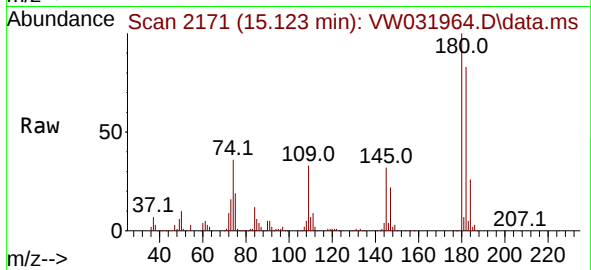
Tgt Ion:180 Resp: 178901

Ion Ratio Lower Upper

180 100

182 86.8 51.0 153.1

145 33.9 18.4 55.4



#94

Hexachlorobutadiene

Concen: 46.721 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031964.D

Acq: 31 Jul 2025 10:26

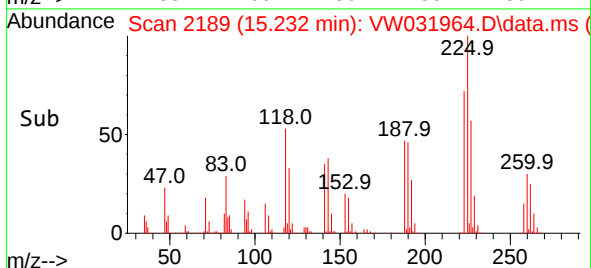
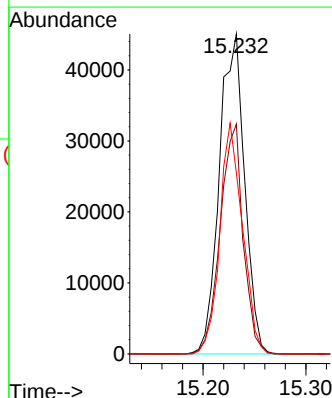
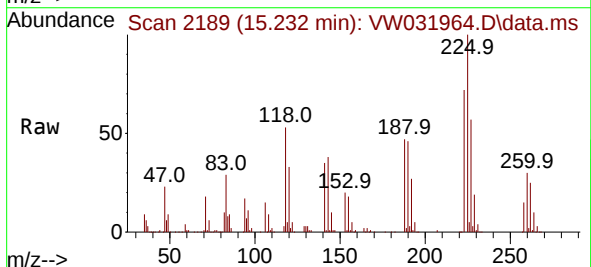
Tgt Ion:225 Resp: 76685

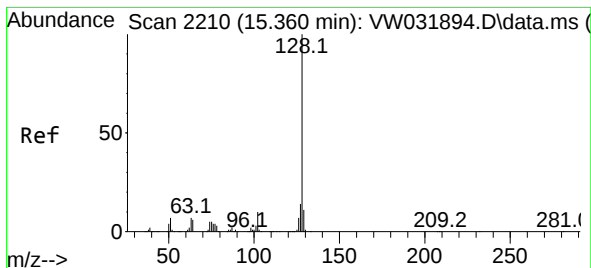
Ion Ratio Lower Upper

225 100

223 65.3 30.9 92.7

227 65.0 30.0 90.1

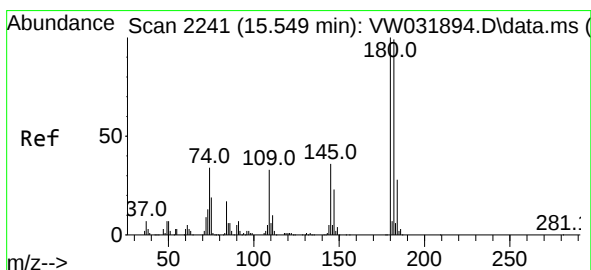
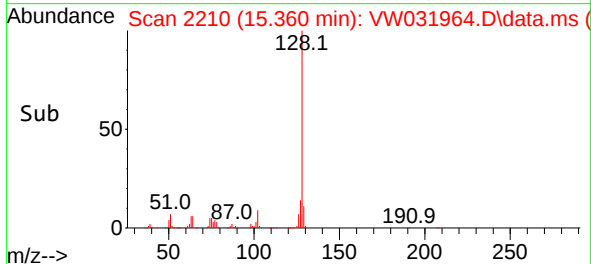
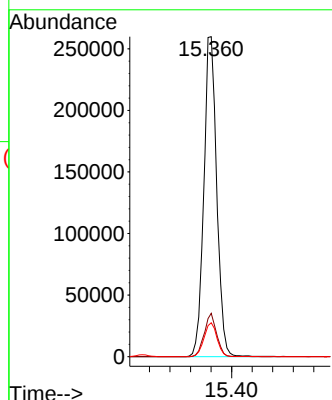
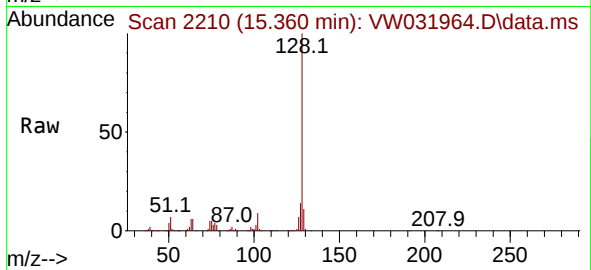




#95
Naphthalene
Concen: 53.054 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 451799
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.7 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 47.809 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031964.D
Acq: 31 Jul 2025 10:26

Tgt Ion:180 Resp: 150042
Ion Ratio Lower Upper
180 100
182 101.1 50.4 151.2
145 39.0 18.6 55.8

