

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031985.D
 Acq On : 01 Aug 2025 14:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 01 23:14:07 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	217498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	419257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	382211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	177871	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	157864	47.980	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	95.960%
35) Dibromofluoromethane	7.904	113	135030	47.397	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.800%
50) Toluene-d8	10.325	98	497217	46.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.617	95	194159	46.896	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	65863	40.744	ug/l	94
3) Chloromethane	2.259	50	105655	50.923	ug/l	95
4) Vinyl Chloride	2.405	62	116587	43.257	ug/l	99
5) Bromomethane	2.826	94	100506	50.641	ug/l	96
6) Chloroethane	2.972	64	91543	51.463	ug/l	98
7) Trichlorofluoromethane	3.308	101	121875	44.646	ug/l	95
8) Diethyl Ether	3.722	74	93030	51.017	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	127755	48.656	ug/l	97
10) Methyl Iodide	4.301	142	196088	49.948	ug/l	99
11) Tert butyl alcohol	5.228	59	52198	269.895	ug/l	99
12) 1,1-Dichloroethene	4.082	96	140015	48.279	ug/l	88
13) Acrolein	3.936	56	18028	59.470	ug/l	97
14) Allyl chloride	4.704	41	220972	48.945	ug/l	99
15) Acrylonitrile	5.405	53	225550	276.667	ug/l	98
16) Acetone	4.167	43	180159	230.752	ug/l	99
17) Carbon Disulfide	4.423	76	378273	50.293	ug/l	99
18) Methyl Acetate	4.716	43	127438	59.246	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	275241	54.928	ug/l	99
20) Methylene Chloride	4.954	84	165899	49.650	ug/l	100
21) trans-1,2-Dichloroethene	5.460	96	155357	50.489	ug/l	98
22) Diisopropyl ether	6.344	45	473070	52.366	ug/l	100
23) Vinyl Acetate	6.283	43	1577267	267.245	ug/l	99
24) 1,1-Dichloroethane	6.246	63	291446	51.816	ug/l	99
25) 2-Butanone	7.197	43	284854	266.658	ug/l	92
26) 2,2-Dichloropropane	7.191	77	150222	47.176	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	189076	52.267	ug/l	99
28) Bromochloromethane	7.532	49	114765	48.733	ug/l	94
29) Tetrahydrofuran	7.557	42	197132	281.470	ug/l	99
30) Chloroform	7.691	83	306842	52.030	ug/l	99
31) Cyclohexane	7.971	56	230354	45.650	ug/l	94
32) 1,1,1-Trichloroethane	7.886	97	220991	49.245	ug/l	99
36) 1,1-Dichloropropene	8.099	75	205027	46.862	ug/l	99
37) Ethyl Acetate	7.276	43	132933	53.262	ug/l	99
38) Carbon Tetrachloride	8.081	117	196620	46.827	ug/l	99
39) Methylcyclohexane	9.343	83	255342	46.376	ug/l	97
40) Benzene	8.337	78	652081	50.349	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	78554	52.578	ug/l	97
42) 1,2-Dichloroethane	8.416	62	207624	50.091	ug/l	99
43) Isopropyl Acetate	8.435	43	237483	52.561	ug/l	100
44) Trichloroethene	9.105	130	151714	49.283	ug/l	94
45) 1,2-Dichloropropane	9.374	63	156300	50.111	ug/l	99
46) Dibromomethane	9.465	93	102389	52.955	ug/l	97
47) Bromodichloromethane	9.654	83	237800	51.290	ug/l	100
48) Methyl methacrylate	9.441	41	116300	54.104	ug/l	98
49) 1,4-Dioxane	9.465	88	24093	1248.792	ug/l #	86
51) 4-Methyl-2-Pentanone	10.215	43	683642	276.474	ug/l	99
52) Toluene	10.392	92	418627	50.282	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	227379	51.126	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	259764	51.145	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	139062	54.145	ug/l	95
56) Ethyl methacrylate	10.648	69	198472	54.717	ug/l	99
57) 1,3-Dichloropropane	10.934	76	236462	52.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	454012	243.681	ug/l	99
59) 2-Hexanone	10.971	43	471245	274.174	ug/l	99
60) Dibromochloromethane	11.129	129	157200	52.497	ug/l	98
61) 1,2-Dibromoethane	11.239	107	134804	53.118	ug/l	99
64) Tetrachloroethene	10.867	164	118669	47.091	ug/l	86
65) Chlorobenzene	11.660	112	455717	48.717	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.727	131	144835	49.944	ug/l	97
67) Ethyl Benzene	11.727	91	797474	48.521	ug/l	98
68) m/p-Xylenes	11.837	106	598674	96.758	ug/l	97
69) o-Xylene	12.166	106	288170	49.214	ug/l	97
70) Styrene	12.178	104	495553	49.707	ug/l	99
71) Bromoform	12.349	173	82082	51.754	ug/l #	99
73) Isopropylbenzene	12.464	105	722149	46.792	ug/l	98
74) N-amyl acetate	12.269	43	217122	52.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	169961	51.882	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	209104	85.148	ug/l #	100
77) Bromobenzene	12.751	156	171625	51.396	ug/l	93
78) n-propylbenzene	12.800	91	876165	46.224	ug/l	98
79) 2-Chlorotoluene	12.891	91	535891	47.352	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	622333	48.080	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	51800	48.698	ug/l	100
82) 4-Chlorotoluene	12.983	91	566162	47.686	ug/l	100
83) tert-Butylbenzene	13.202	119	513940	46.614	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	633478	48.353	ug/l	100
85) sec-Butylbenzene	13.379	105	754033	45.541	ug/l	98
86) p-Isopropyltoluene	13.495	119	654380	47.816	ug/l	97
87) 1,3-Dichlorobenzene	13.495	146	337742	48.589	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	328506	48.244	ug/l	98
89) n-Butylbenzene	13.818	91	614609	45.780	ug/l	98
90) Hexachloroethane	14.086	117	108440	45.823	ug/l	93
91) 1,2-Dichlorobenzene	13.867	146	301718	48.979	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	29937	50.583	ug/l	98
93) 1,2,4-Trichlorobenzene	15.123	180	177757	47.847	ug/l	97
94) Hexachlorobutadiene	15.226	225	81268	46.164	ug/l	96
95) Naphthalene	15.360	128	477448	52.274	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	165137	49.060	ug/l	97

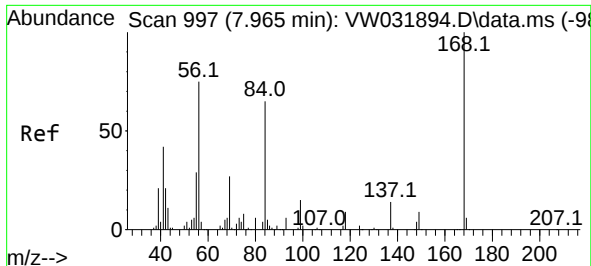
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

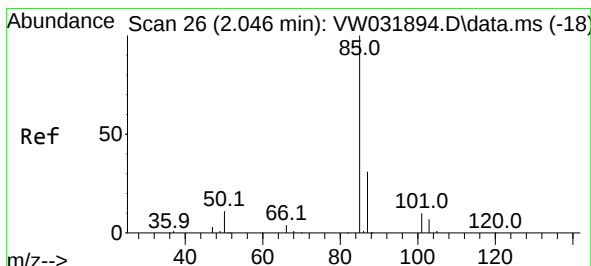
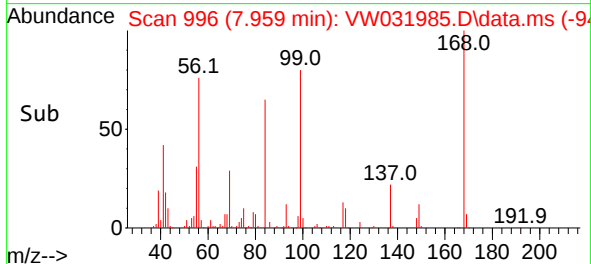
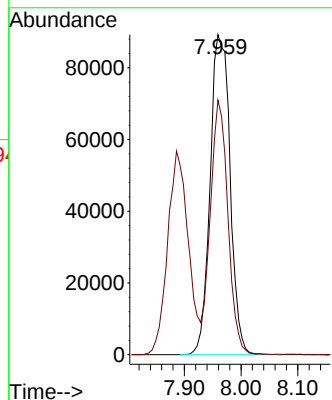
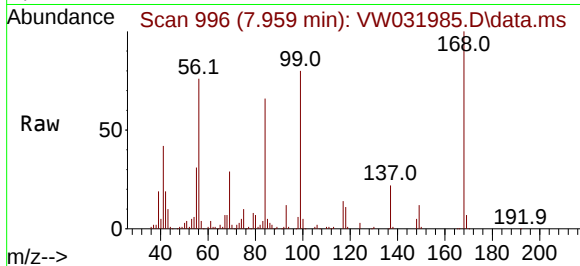
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

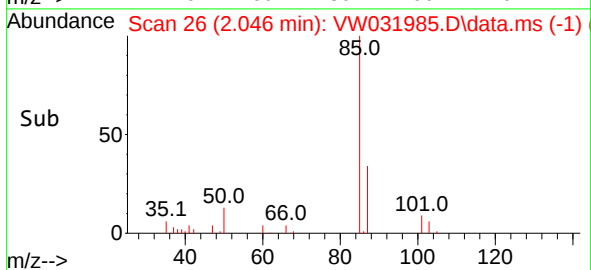
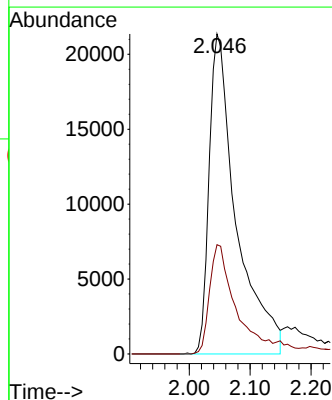
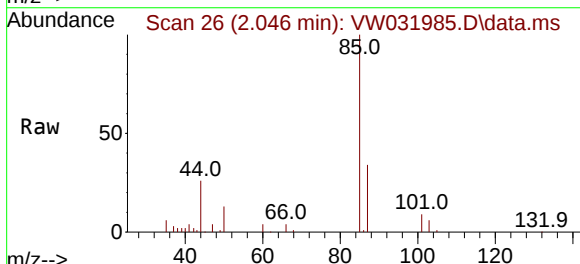
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ClientSampleId :
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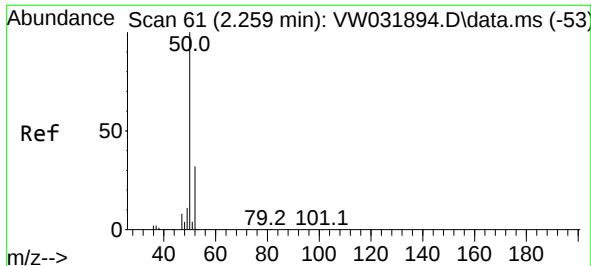
Tgt Ion:168 Resp: 217498
Ion Ratio Lower Upper
168 100
99 79.4 48.2 72.2#



#2
Dichlorodifluoromethane
Concen: 40.744 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 85 Resp: 65863
Ion Ratio Lower Upper
85 100
87 34.2 15.5 46.5

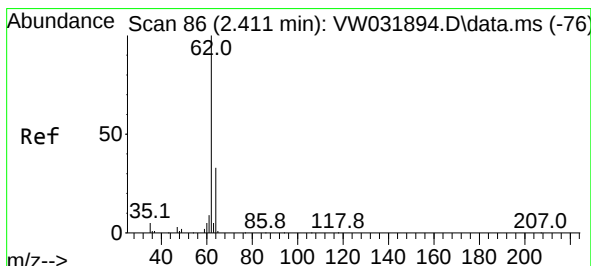
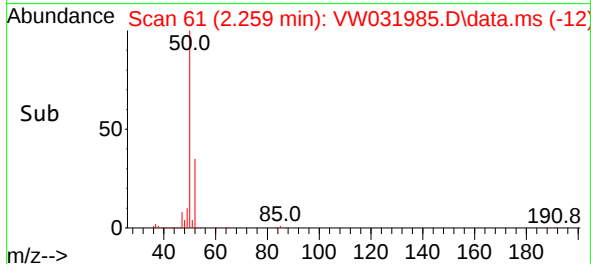
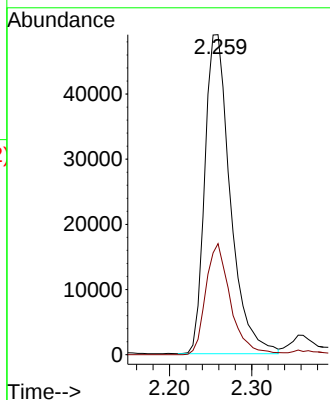
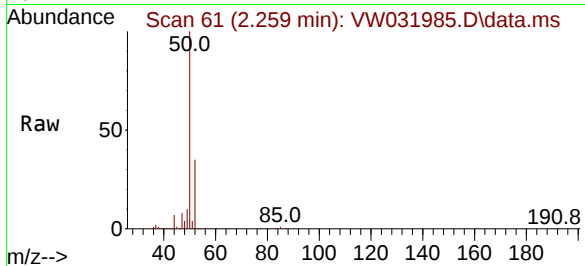




#3
Chloromethane
Concen: 50.923 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

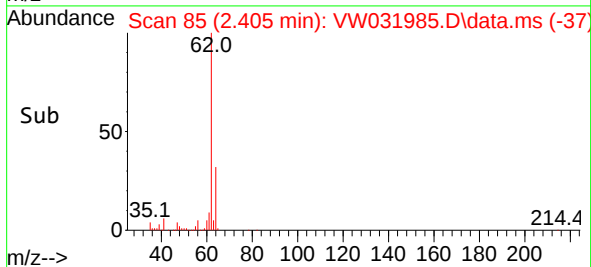
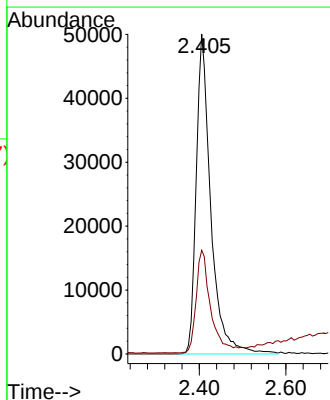
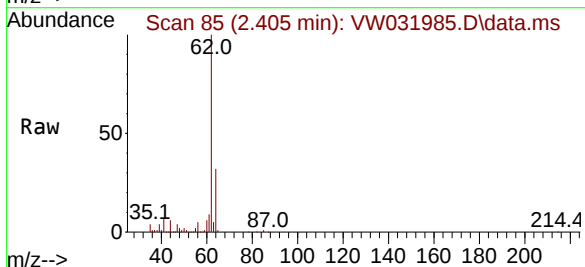
Instrument :
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ClientSampleId :
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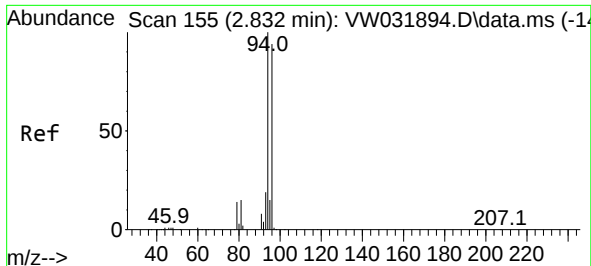
Tgt Ion: 50 Resp: 105655
Ion Ratio Lower Upper
50 100
52 34.8 25.7 38.5



#4
Vinyl Chloride
Concen: 43.257 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 62 Resp: 116587
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

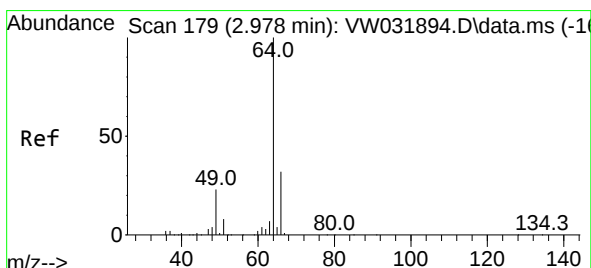
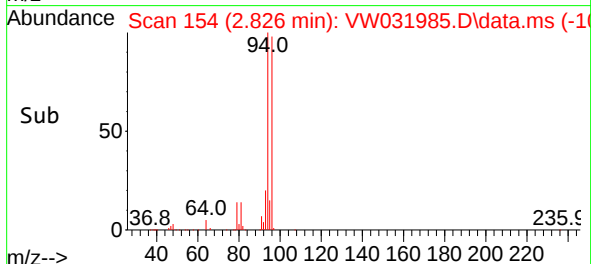
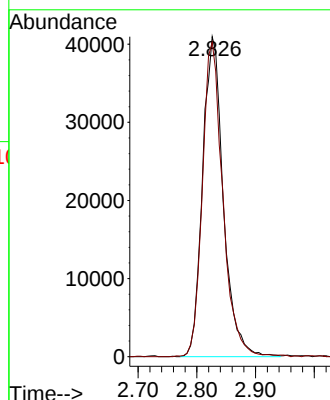
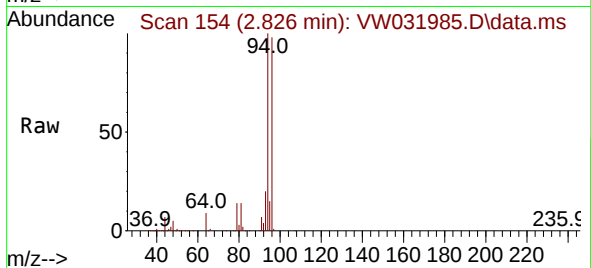




#5
Bromomethane
Concen: 50.641 ug/l
RT: 2.826 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

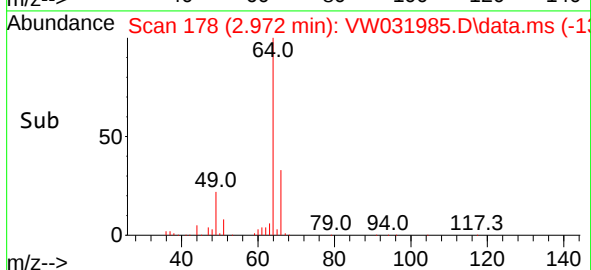
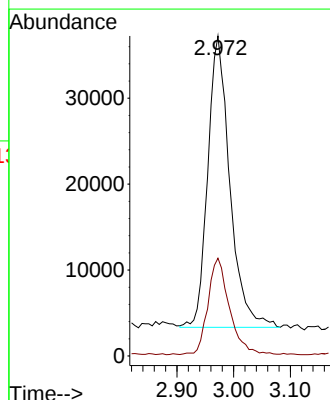
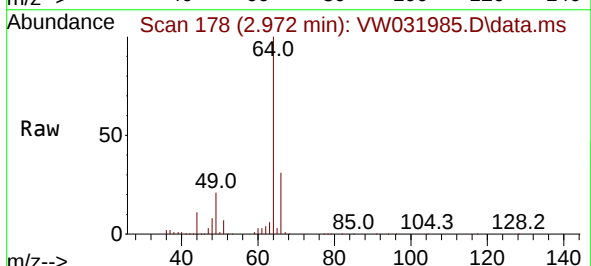
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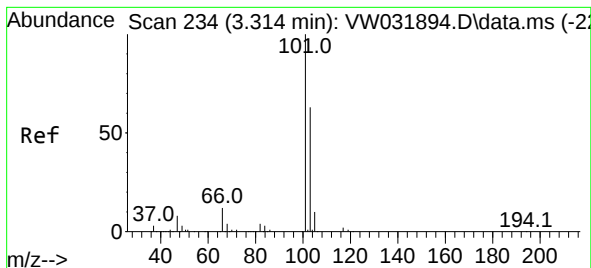
Tgt Ion: 94 Resp: 100506
Ion Ratio Lower Upper
94 100
96 98.1 75.0 112.6



#6
Chloroethane
Concen: 51.463 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 64 Resp: 91543
Ion Ratio Lower Upper
64 100
66 33.1 25.6 38.4





#7

Trichlorofluoromethane

Concen: 44.646 ug/l

RT: 3.308 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

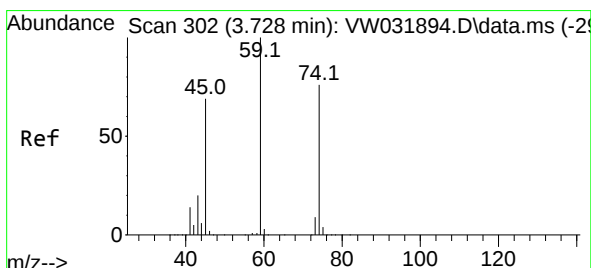
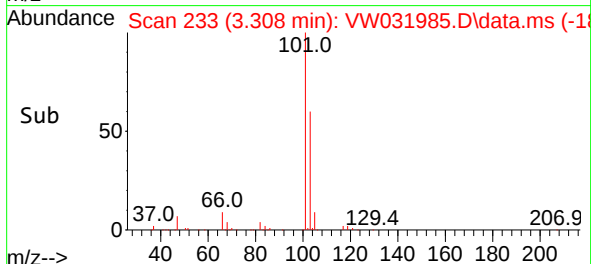
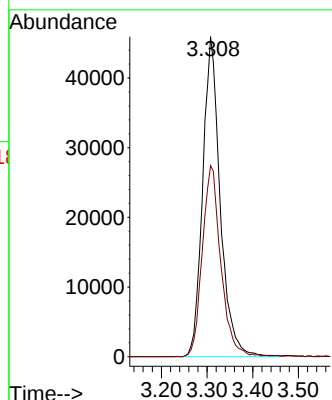
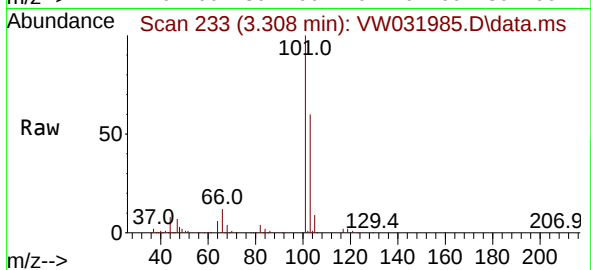
VSTDCCC050EC

Tgt Ion:101 Resp: 121875

Ion Ratio Lower Upper

101 100

103 59.7 50.7 76.1



#8

Diethyl Ether

Concen: 51.017 ug/l

RT: 3.722 min Scan# 301

Delta R.T. -0.006 min

Lab File: VW031985.D

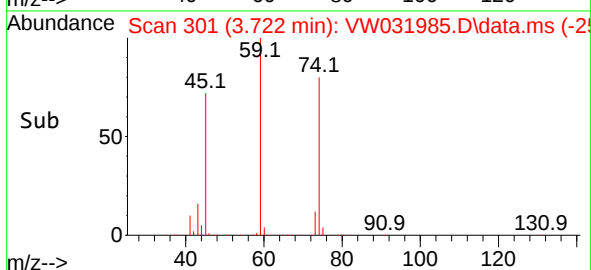
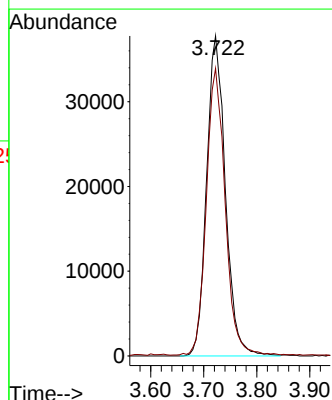
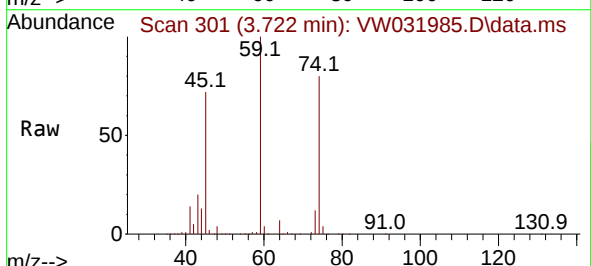
Acq: 01 Aug 2025 14:57

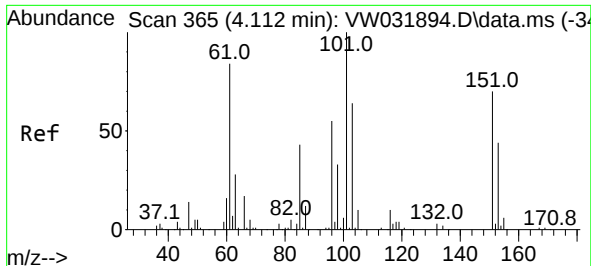
Tgt Ion: 74 Resp: 93030

Ion Ratio Lower Upper

74 100

45 89.8 45.5 136.5

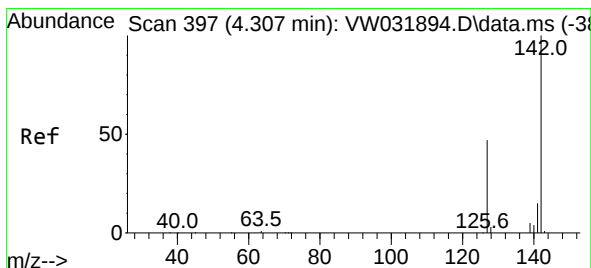
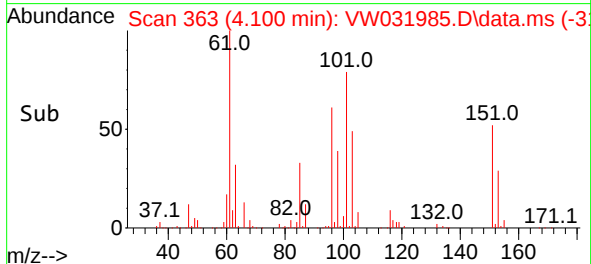
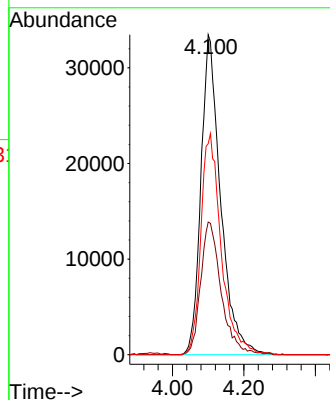
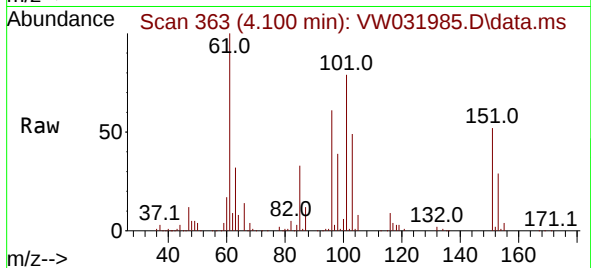




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.656 ug/l
RT: 4.100 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

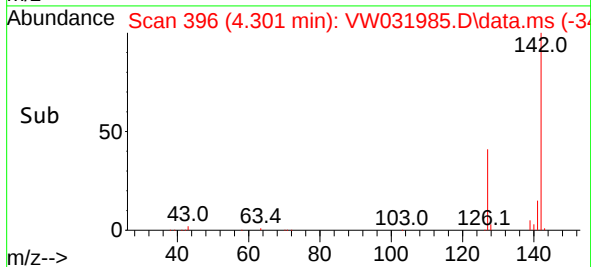
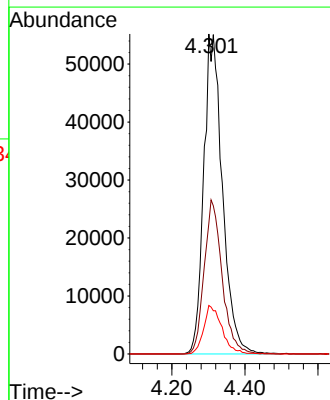
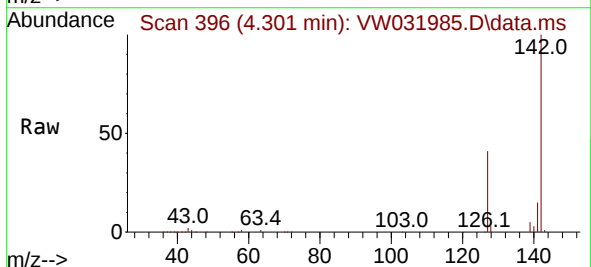
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

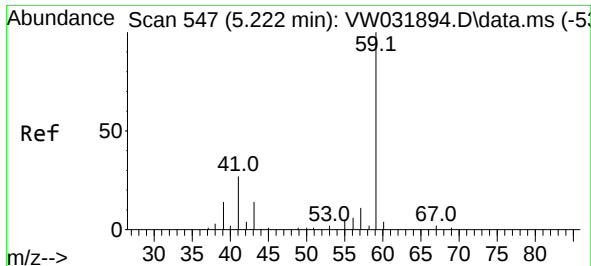
Tgt Ion:101 Resp: 127755
Ion Ratio Lower Upper
101 100
85 43.2 35.5 53.3
151 71.4 54.6 81.8



#10
Methyl Iodide
Concen: 49.948 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:142 Resp: 196088
Ion Ratio Lower Upper
142 100
127 46.1 37.4 56.2
141 14.8 11.9 17.9

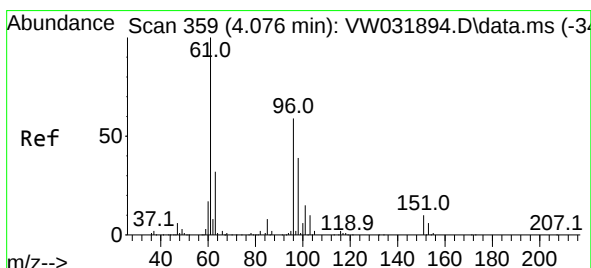
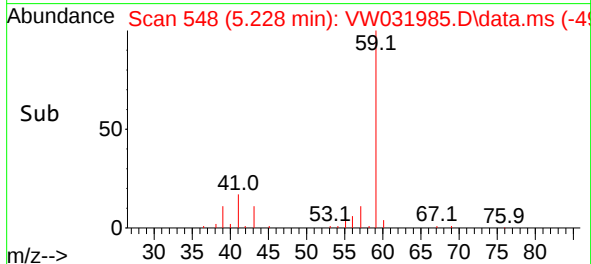
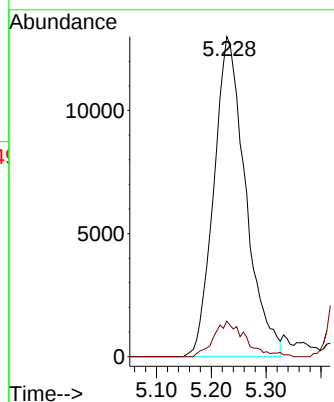
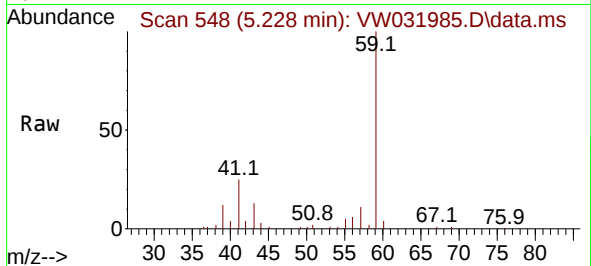




#11
Tert butyl alcohol
Concen: 269.895 ug/l
RT: 5.228 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

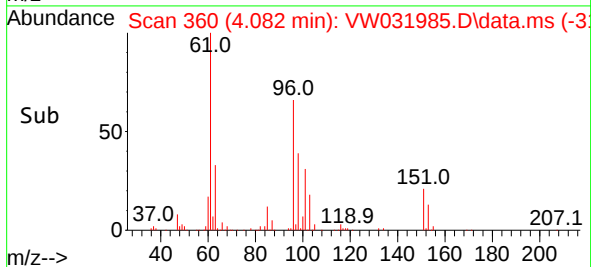
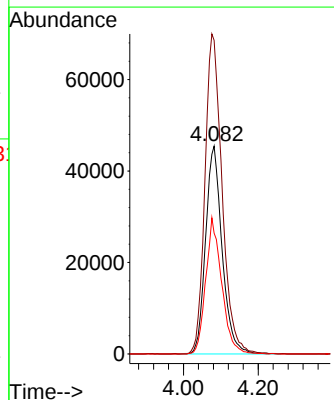
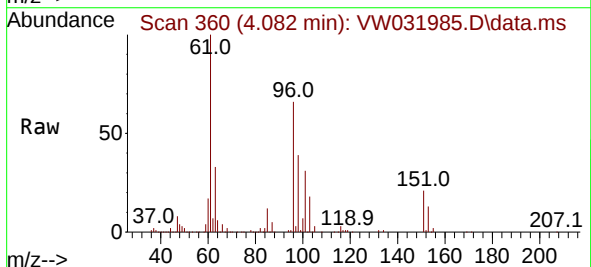
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

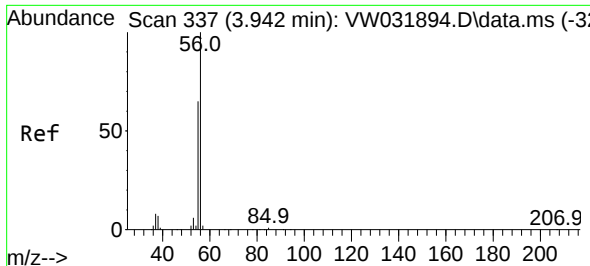
Tgt Ion: 59 Resp: 52198
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.279 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 96 Resp: 140015
Ion Ratio Lower Upper
96 100
61 150.9 135.0 202.6
98 58.1 52.3 78.5

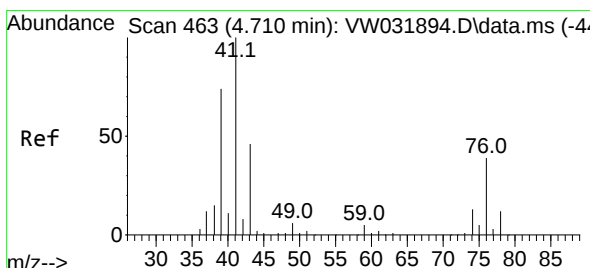
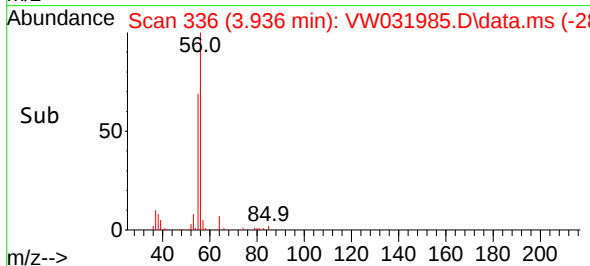
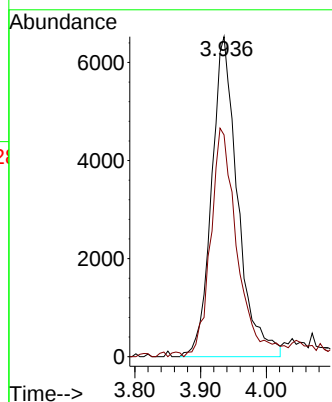
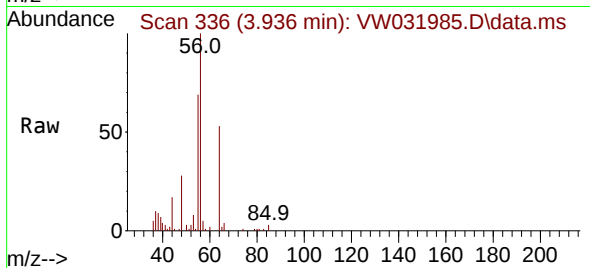




#13
Acrolein
Concen: 59.470 ug/l
RT: 3.936 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

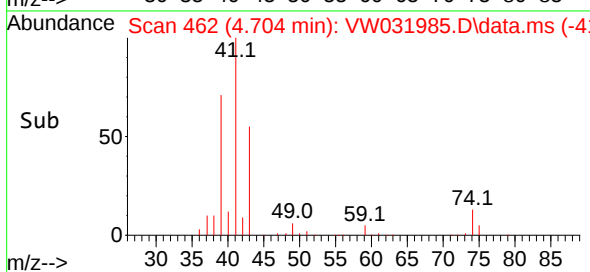
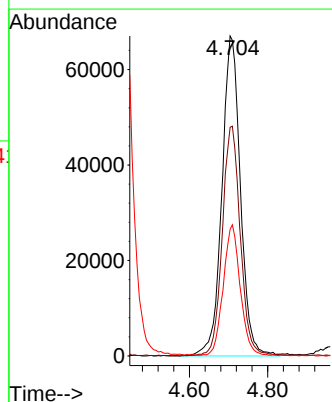
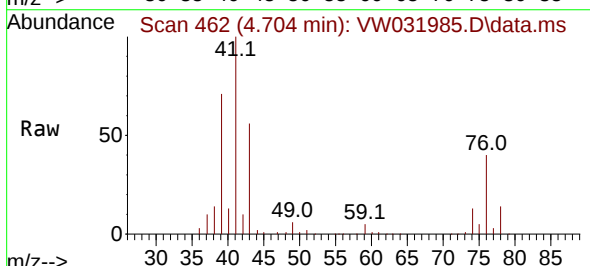
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

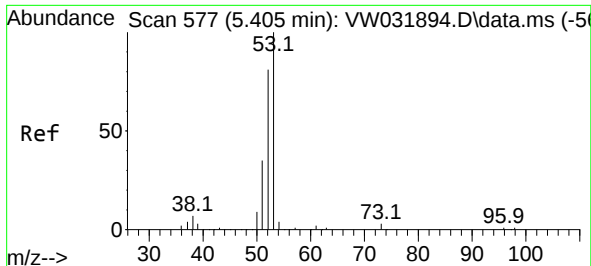
Tgt Ion: 56 Resp: 18028
Ion Ratio Lower Upper
56 100
55 73.1 56.7 85.1



#14
Allyl chloride
Concen: 48.945 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 41 Resp: 220972
Ion Ratio Lower Upper
41 100
39 69.5 56.6 85.0
76 37.1 30.1 45.1

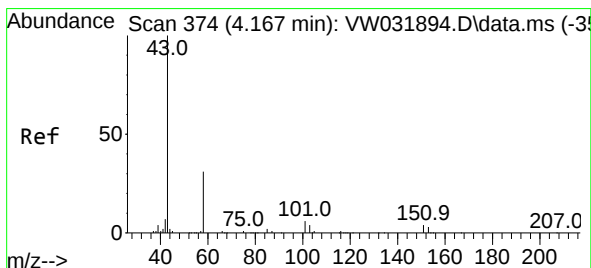
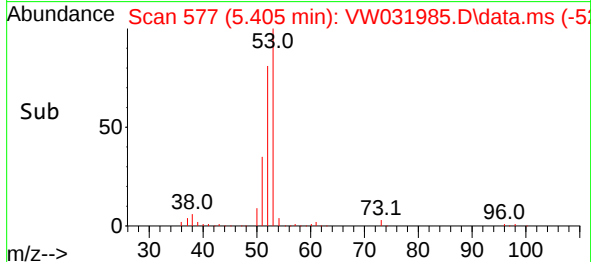
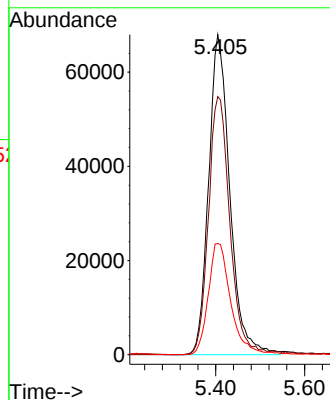
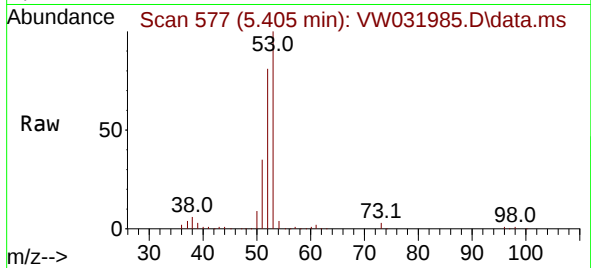




#15
Acrylonitrile
Concen: 276.667 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

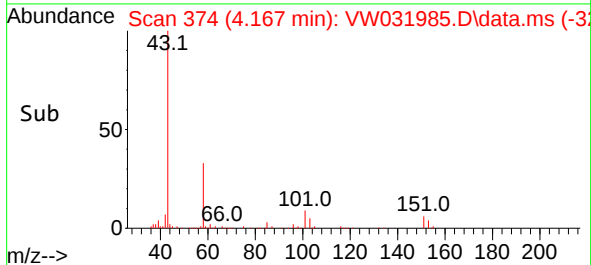
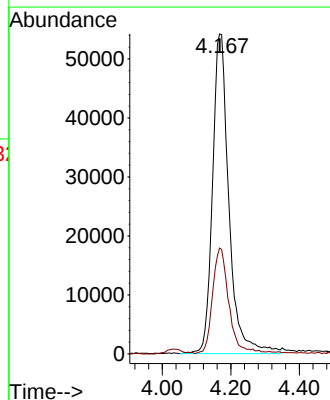
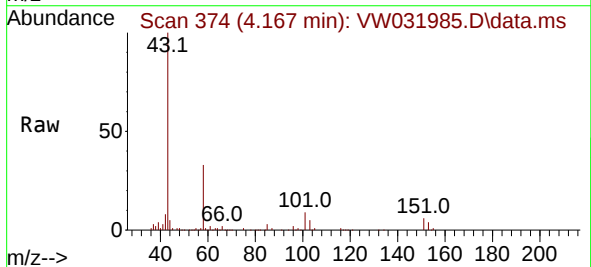
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

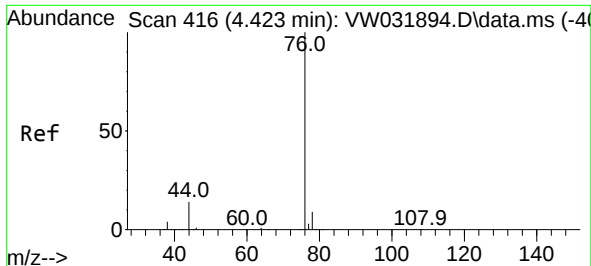
Tgt Ion: 53 Resp: 225550
Ion Ratio Lower Upper
53 100
52 81.2 67.0 100.4
51 37.1 29.9 44.9



#16
Acetone
Concen: 230.752 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 43 Resp: 180159
Ion Ratio Lower Upper
43 100
58 32.5 25.5 38.3

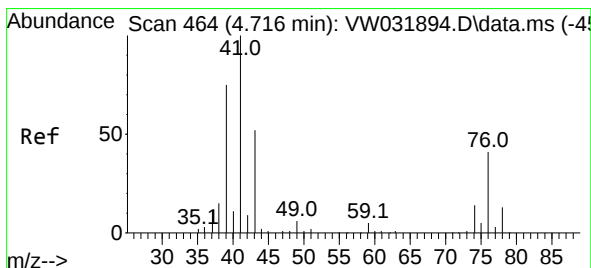
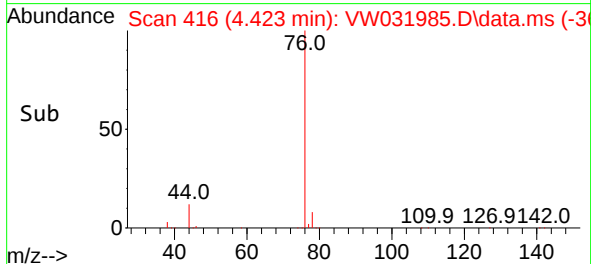
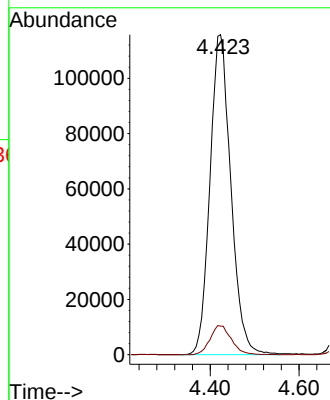
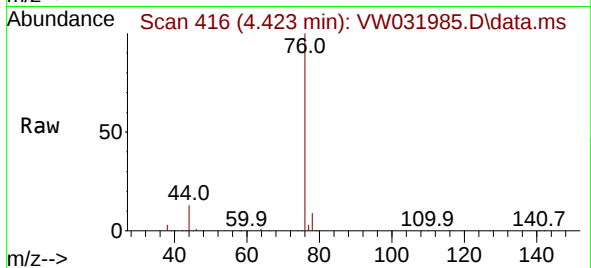




#17
Carbon Disulfide
Concen: 50.293 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

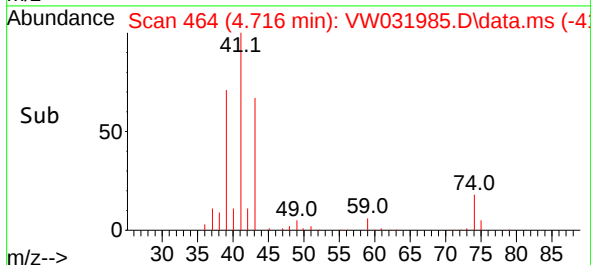
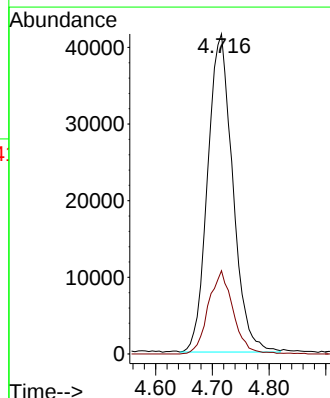
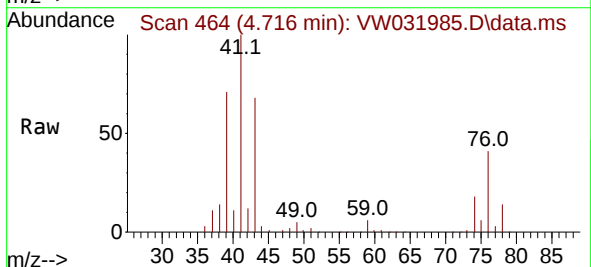
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

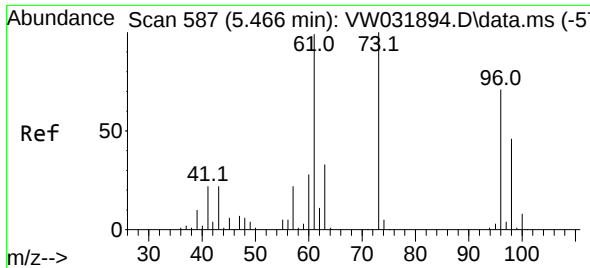
Tgt Ion: 76 Resp: 378273
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 59.246 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 43 Resp: 127438
Ion Ratio Lower Upper
43 100
74 26.0 20.6 31.0

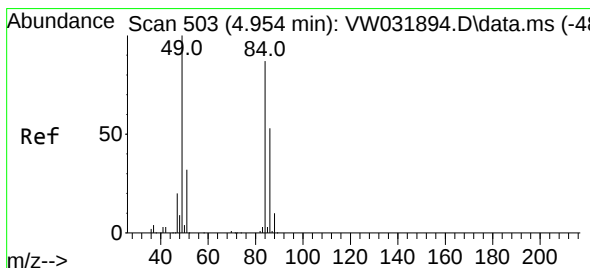
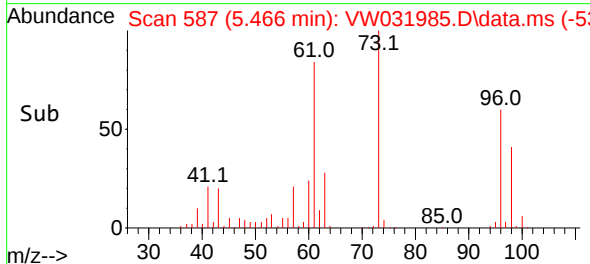
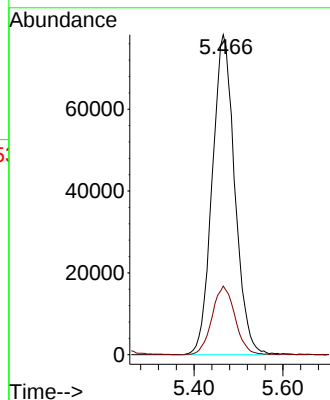
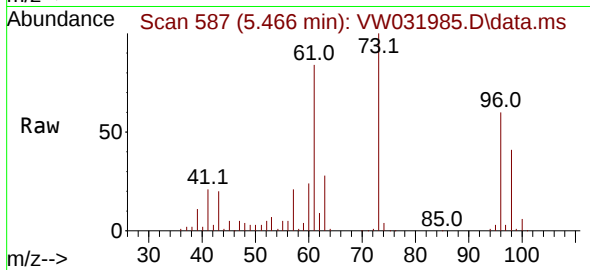




#19
Methyl tert-butyl Ether
Concen: 54.928 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

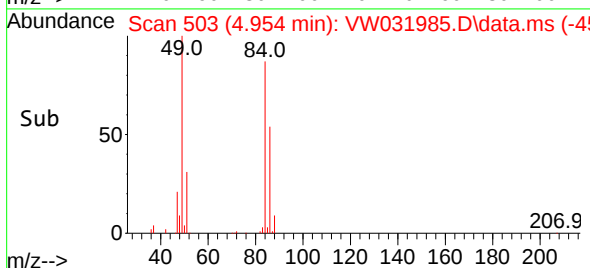
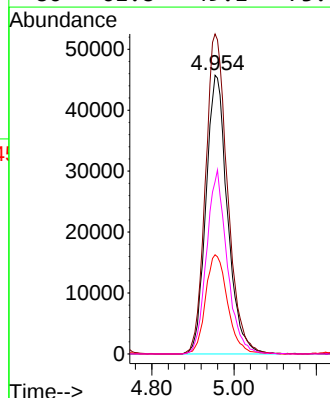
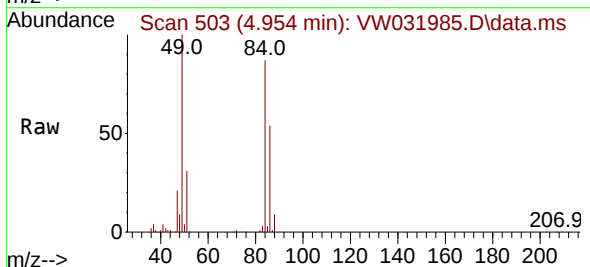
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

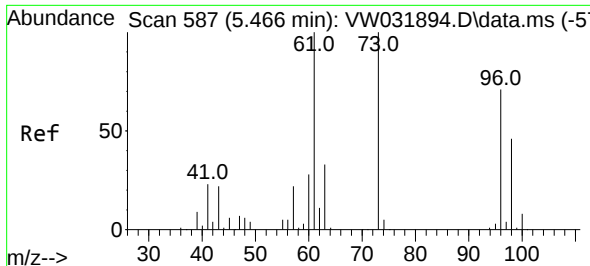
Tgt Ion: 73 Resp: 275241
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3



#20
Methylene Chloride
Concen: 49.650 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 84 Resp: 165899
Ion Ratio Lower Upper
84 100
49 114.8 91.9 137.9
51 35.6 29.0 43.6
86 61.8 49.1 73.7

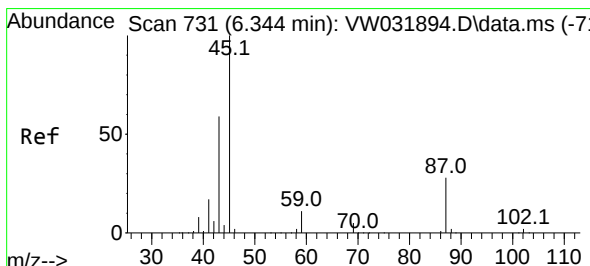
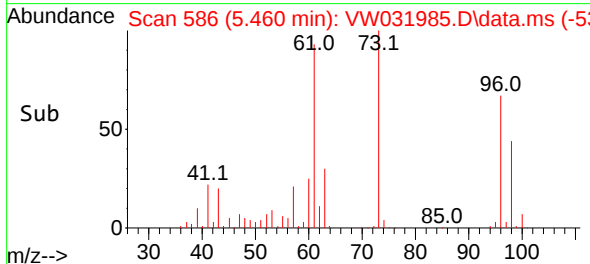
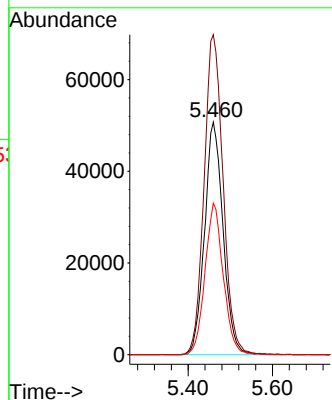
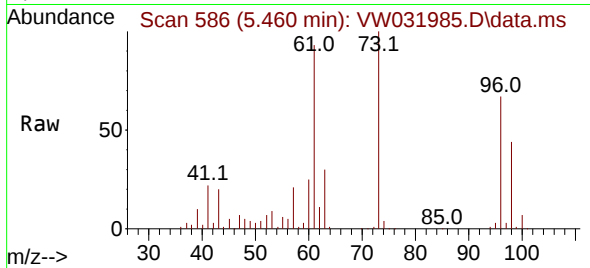




#21
trans-1,2-Dichloroethene
Concen: 50.489 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

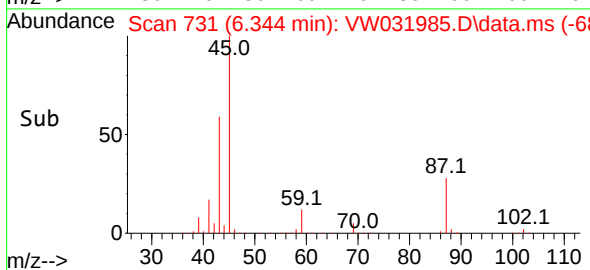
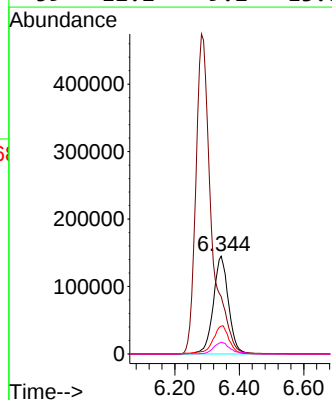
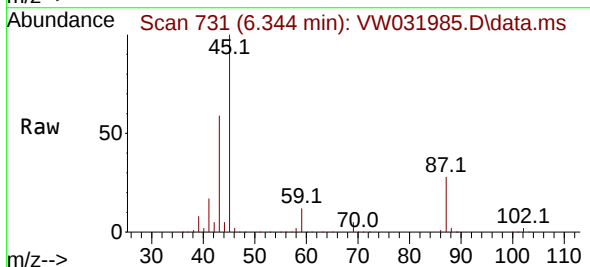
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

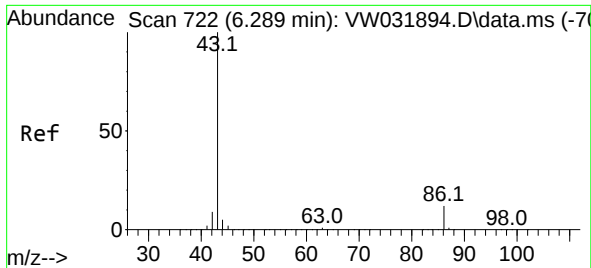
Tgt Ion: 96 Resp: 155357
Ion Ratio Lower Upper
96 100
61 137.6 112.8 169.2
98 65.1 51.9 77.9



#22
Diisopropyl ether
Concen: 52.366 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 45 Resp: 473070
Ion Ratio Lower Upper
45 100
43 58.7 47.0 70.6
87 28.5 22.8 34.2
59 12.2 9.2 13.8

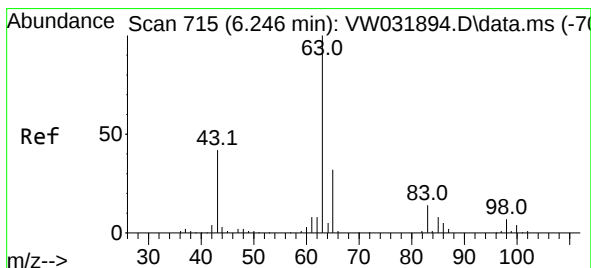
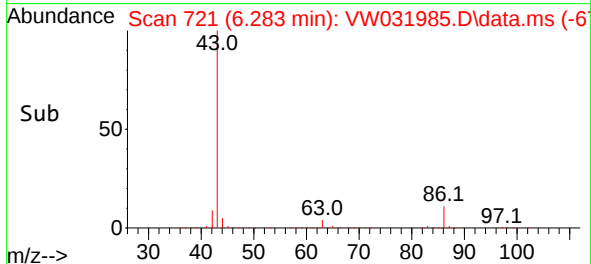
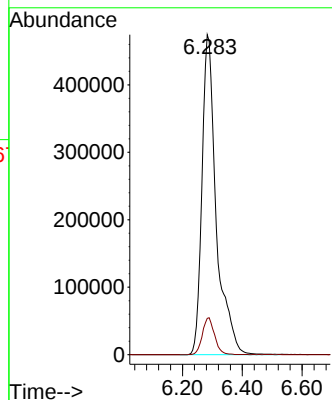
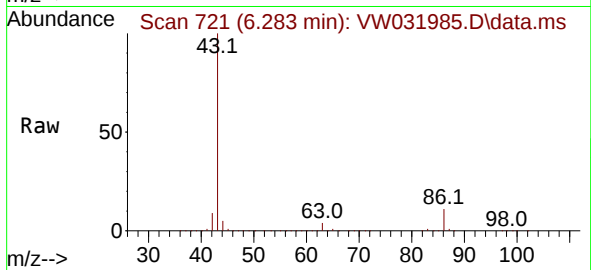




#23
 Vinyl Acetate
 Concen: 267.245 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. -0.006 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

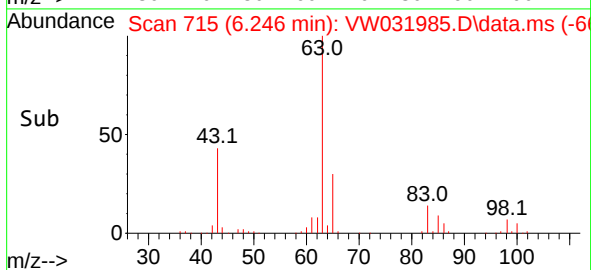
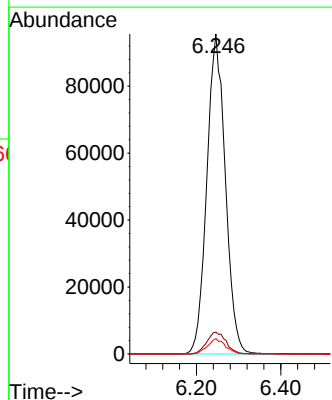
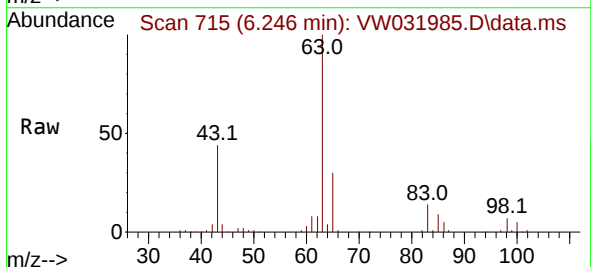
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

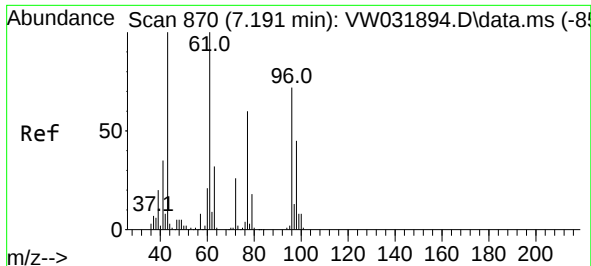
Tgt Ion: 43 Resp: 1577267
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 51.816 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

Tgt Ion: 63 Resp: 291446
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.8 2.2 6.6

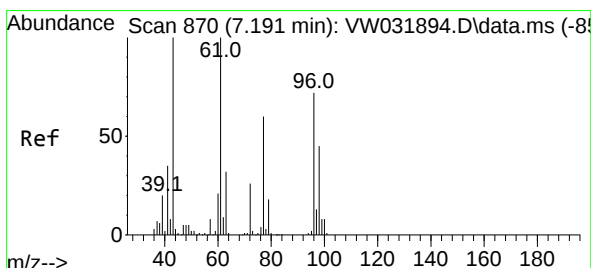
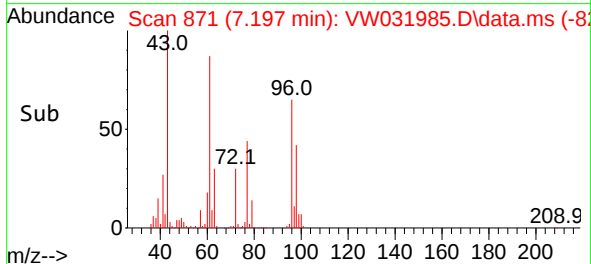
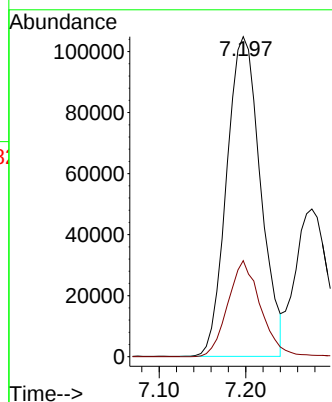
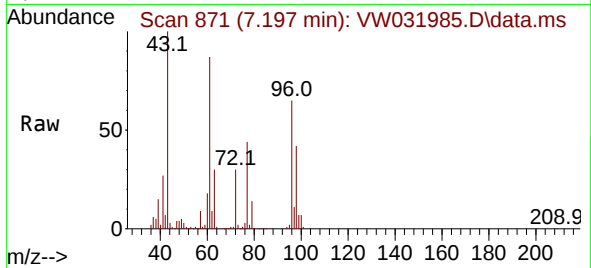




#25
2-Butanone
Concen: 266.658 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

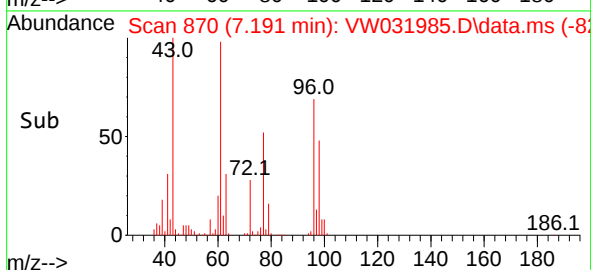
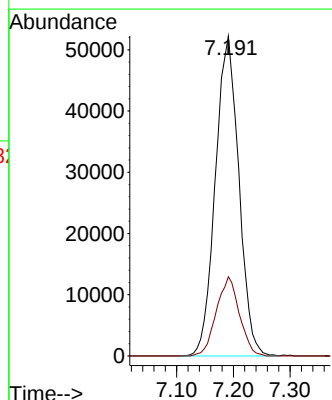
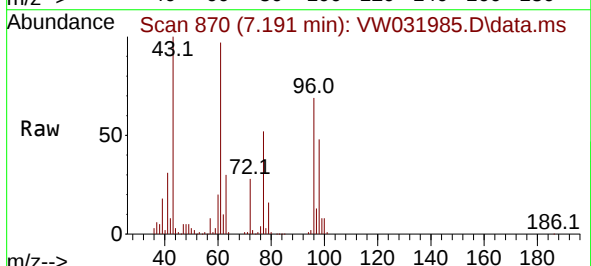
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

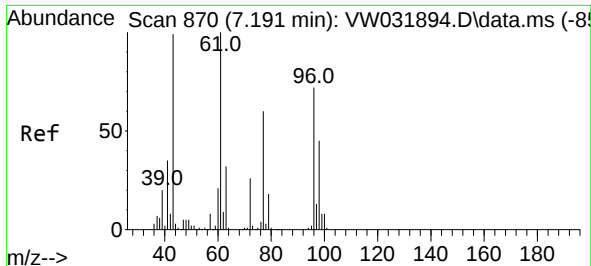
Tgt Ion: 43 Resp: 284854
Ion Ratio Lower Upper
43 100
72 30.0 20.8 31.2



#26
2,2-Dichloropropane
Concen: 47.176 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 77 Resp: 150222
Ion Ratio Lower Upper
77 100
97 24.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.267 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

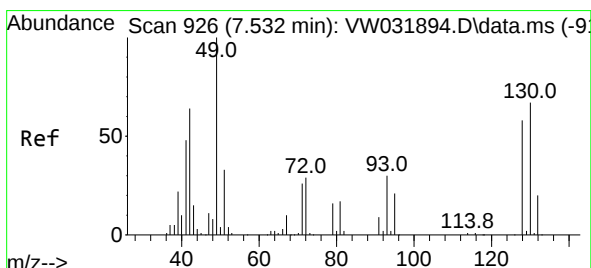
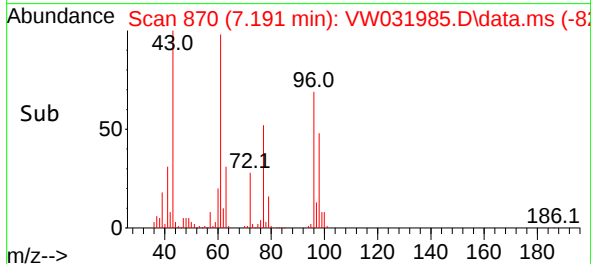
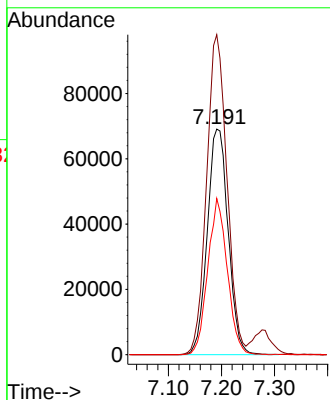
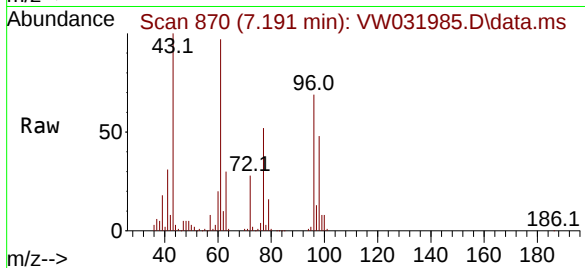
Tgt Ion: 96 Resp: 189076

Ion Ratio Lower Upper

96 100

61 138.3 0.0 280.2

98 64.6 0.0 126.8



#28

Bromochloromethane

Concen: 48.733 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

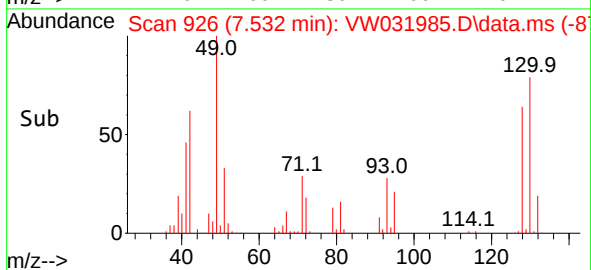
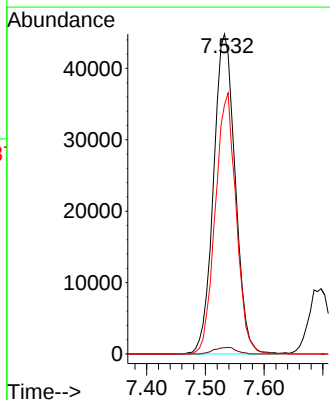
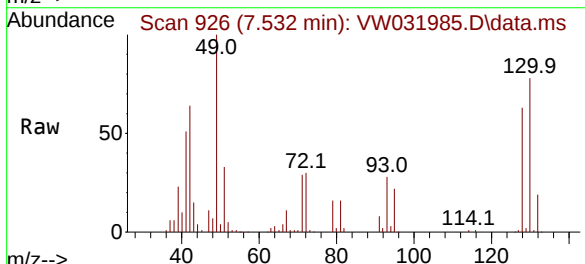
Tgt Ion: 49 Resp: 114765

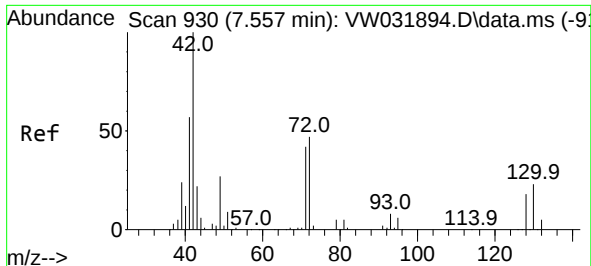
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 78.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 281.470 ug/l

RT: 7.557 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

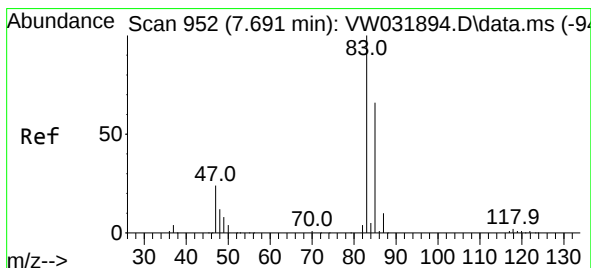
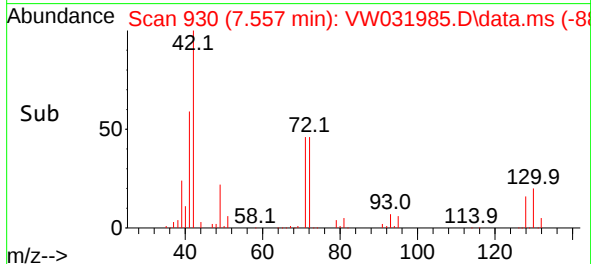
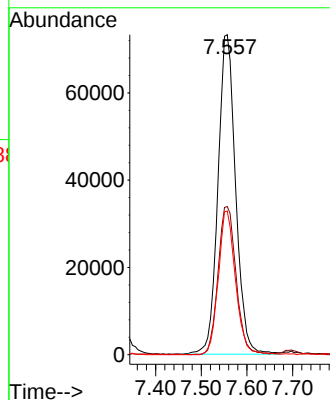
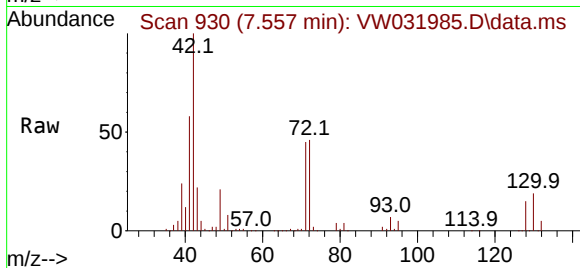
Tgt Ion: 42 Resp: 197132

Ion Ratio Lower Upper

42 100

72 47.4 37.0 55.6

71 43.7 34.5 51.7



#30

Chloroform

Concen: 52.030 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031985.D

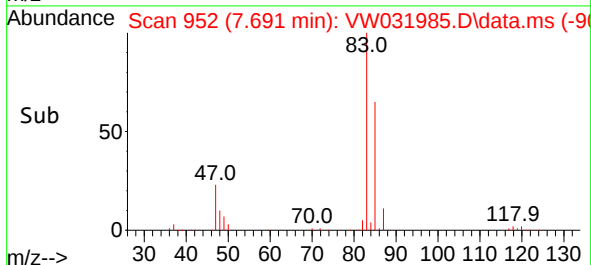
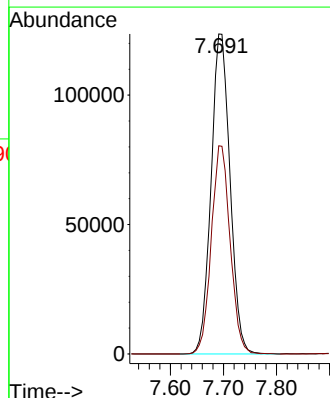
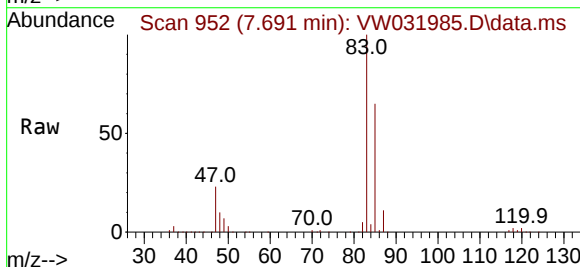
Acq: 01 Aug 2025 14:57

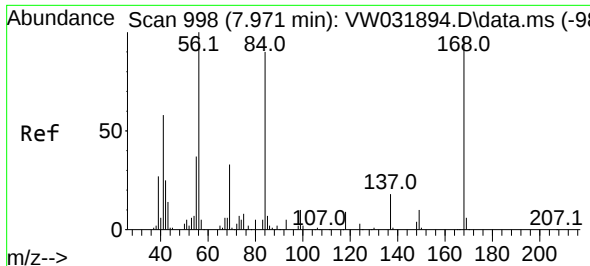
Tgt Ion: 83 Resp: 306842

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8

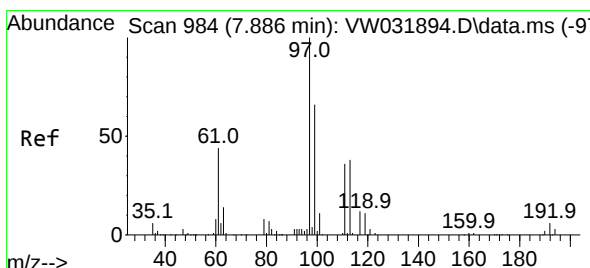
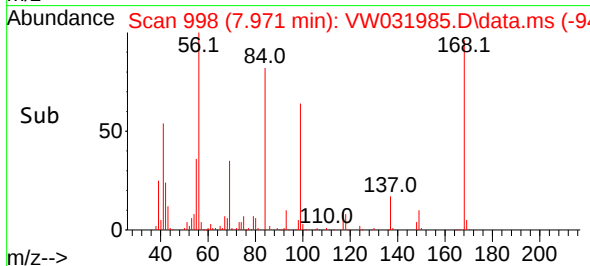
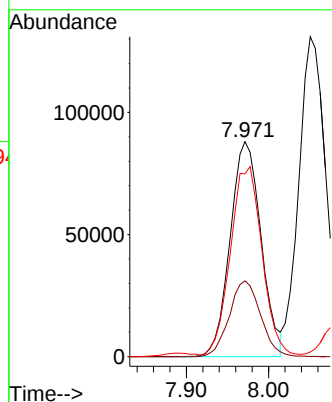
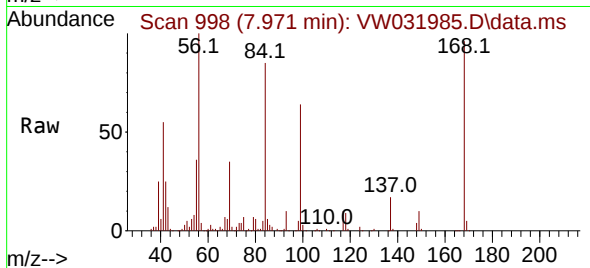




#31
Cyclohexane
Concen: 45.650 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

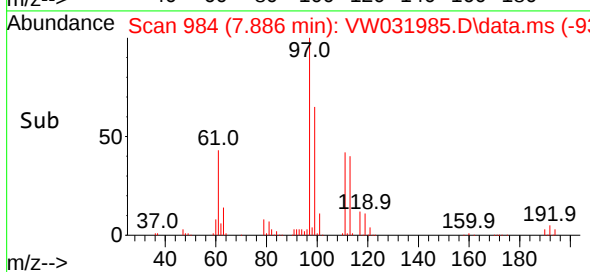
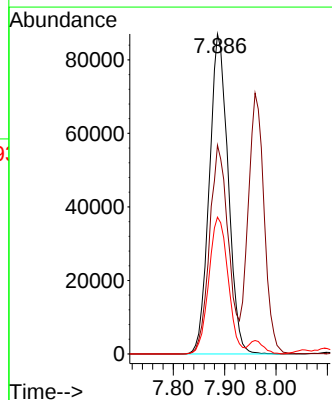
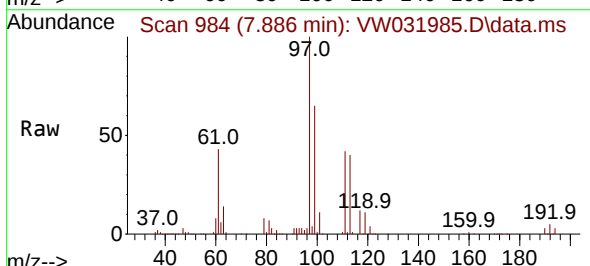
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

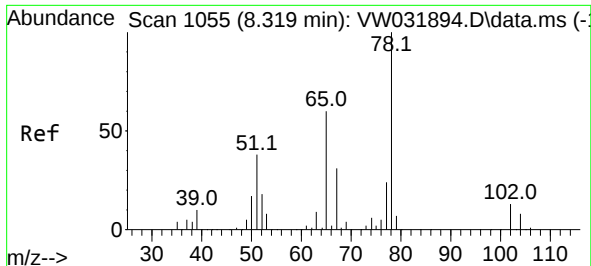
Tgt Ion: 56 Resp: 230354
Ion Ratio Lower Upper
56 100
69 35.3 26.7 40.1
84 83.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.245 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 97 Resp: 220991
Ion Ratio Lower Upper
97 100
99 65.4 53.0 79.4
61 44.0 35.4 53.0

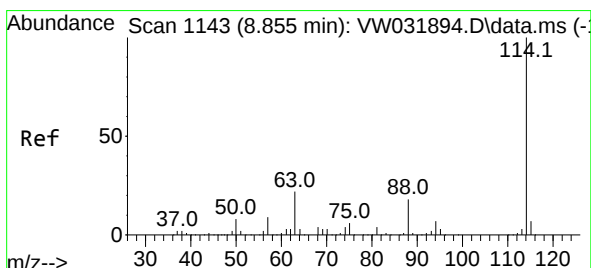
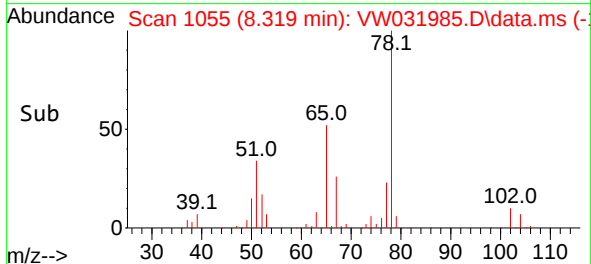
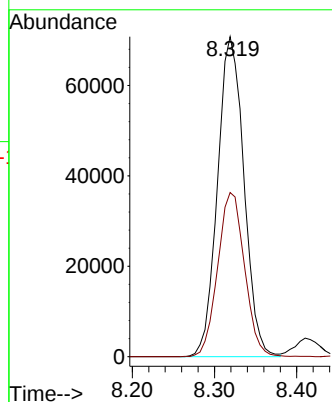
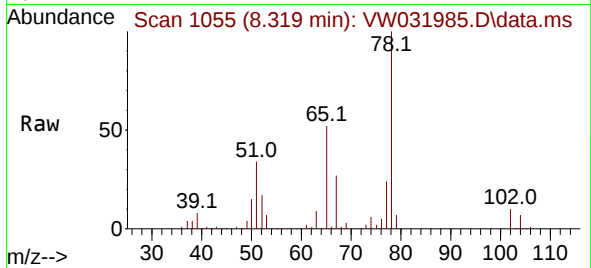




#33
 1,2-Dichloroethane-d4
 Concen: 47.980 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

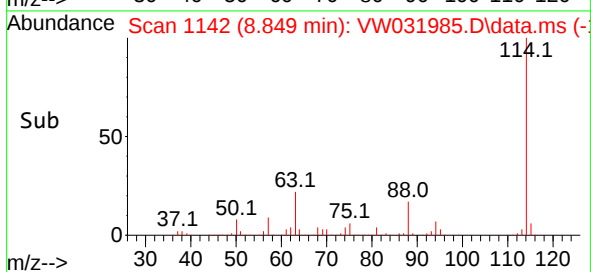
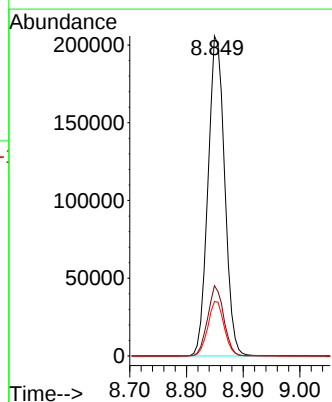
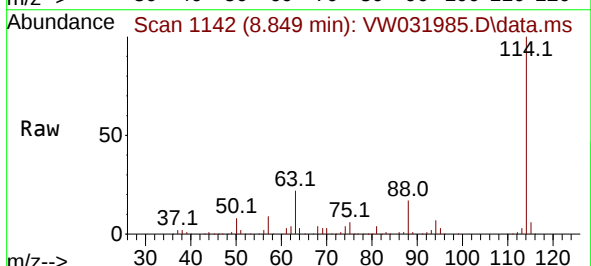
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

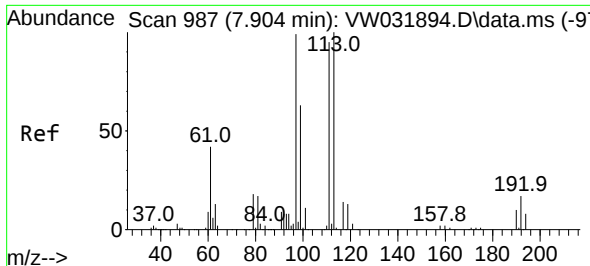
Tgt Ion: 65 Resp: 157864
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

Tgt Ion: 114 Resp: 419257
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 17.0 0.0 35.6

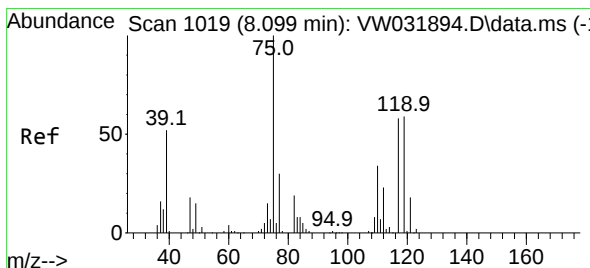
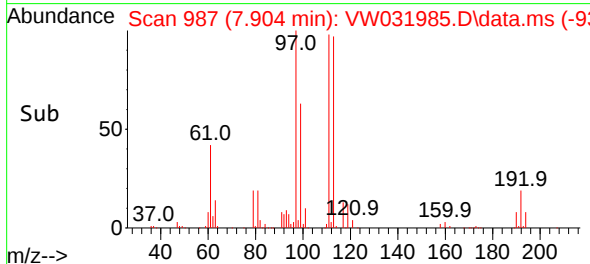
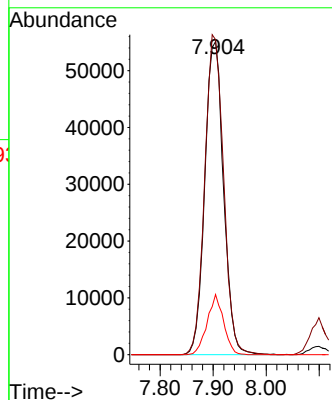
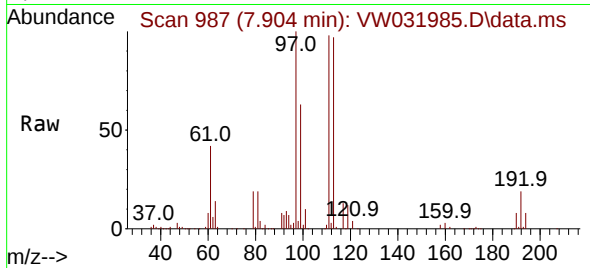




#35
Dibromofluoromethane
Concen: 47.397 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

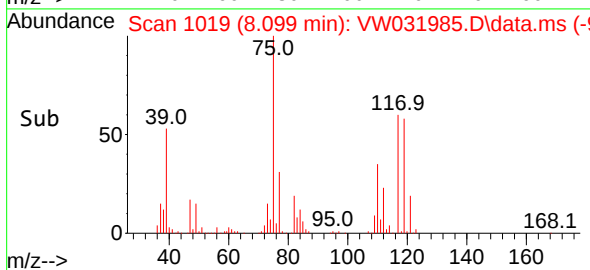
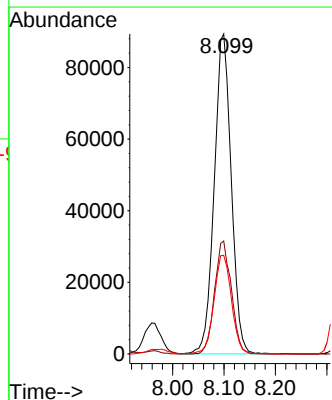
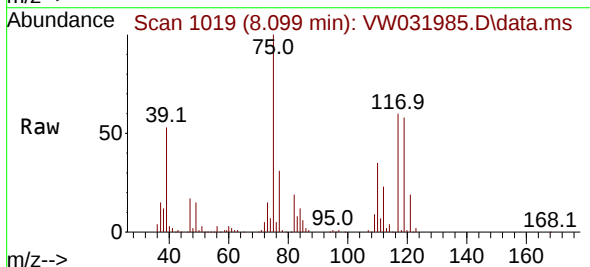
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

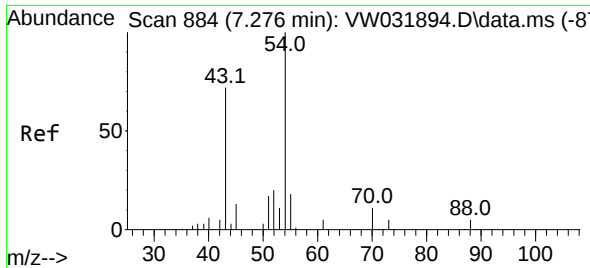
Tgt Ion:113 Resp: 135030
Ion Ratio Lower Upper
113 100
111 103.0 79.9 119.9
192 16.9 12.6 19.0



#36
1,1-Dichloropropene
Concen: 46.862 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 75 Resp: 205027
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.8 25.1 37.7

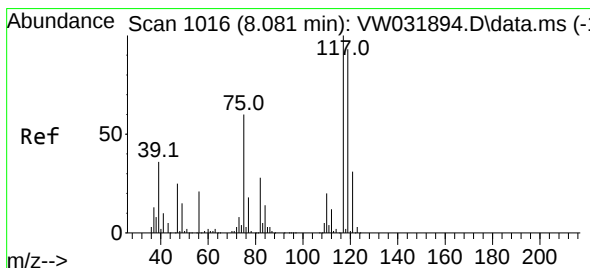
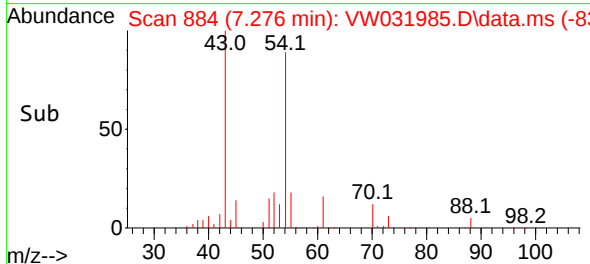
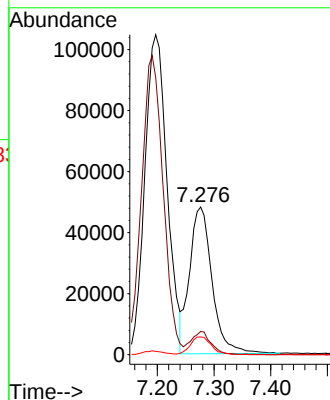
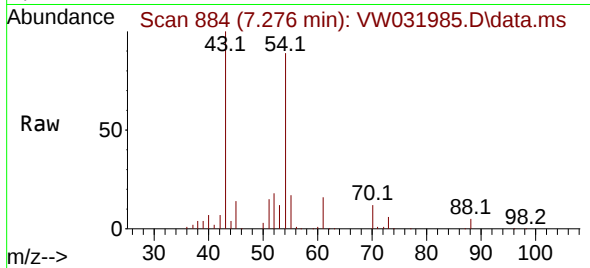




#37
Ethyl Acetate
Concen: 53.262 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

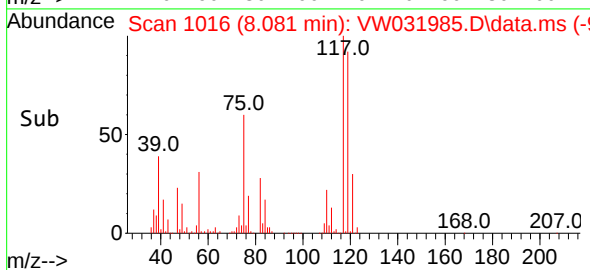
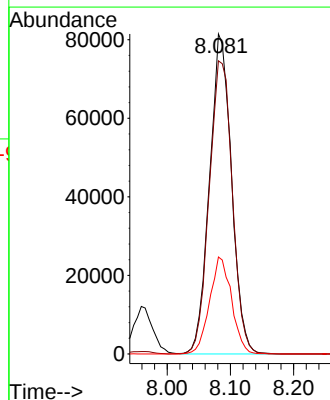
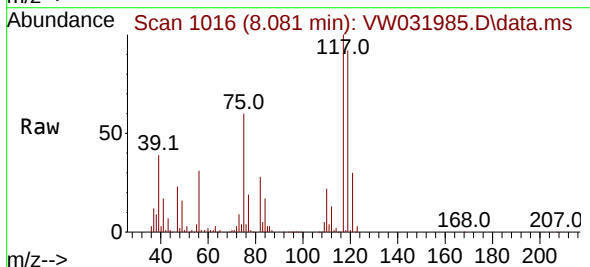
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

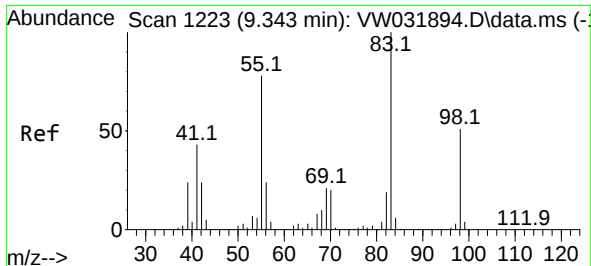
Tgt Ion:	43	Resp:	132933
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	11.4	9.0	13.4



#38
Carbon Tetrachloride
Concen: 46.827 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:	117	Resp:	196620
Ion	Ratio	Lower	Upper
117	100		
119	91.6	74.3	111.5
121	30.3	24.6	37.0





#39

Methylcyclohexane

Concen: 46.376 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

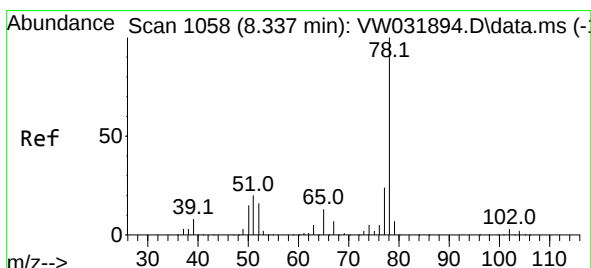
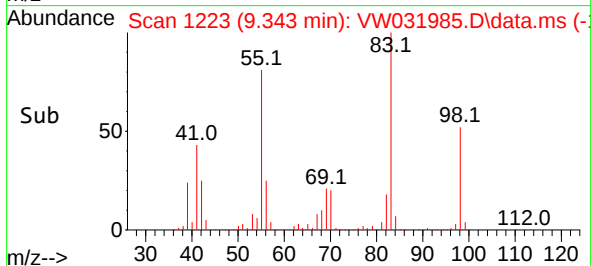
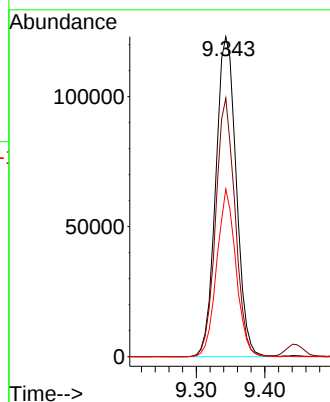
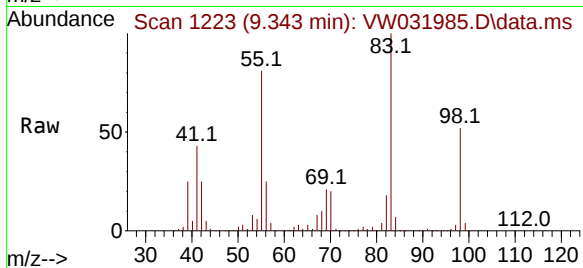
Tgt Ion: 83 Resp: 255342

Ion Ratio Lower Upper

83 100

55 80.8 62.5 93.7

98 52.4 40.6 61.0



#40

Benzene

Concen: 50.349 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031985.D

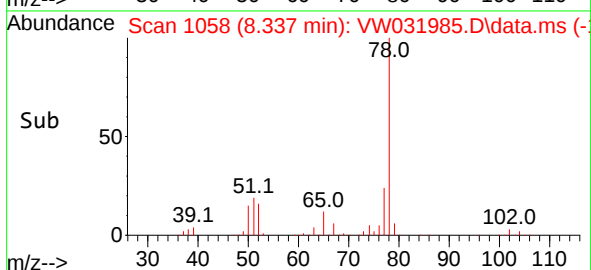
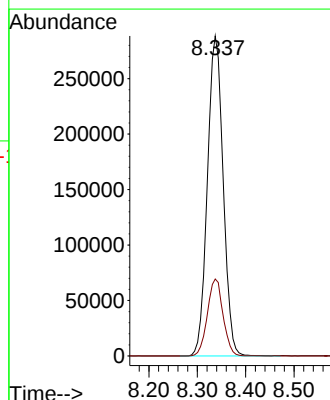
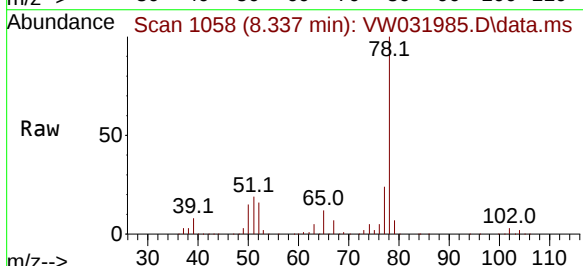
Acq: 01 Aug 2025 14:57

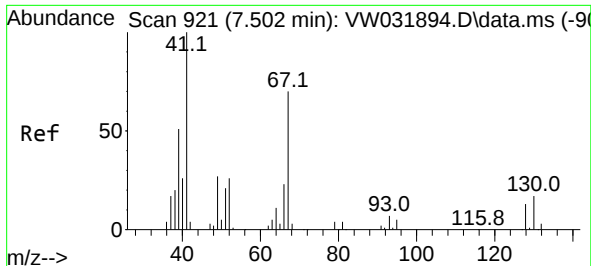
Tgt Ion: 78 Resp: 652081

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

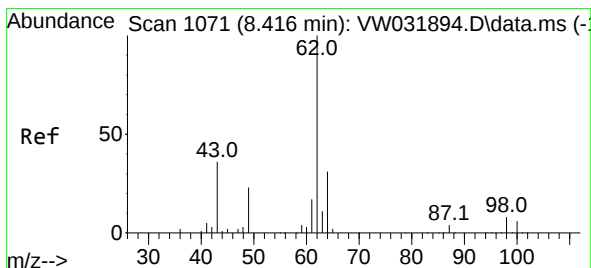
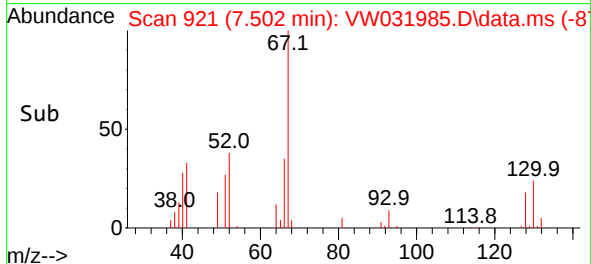
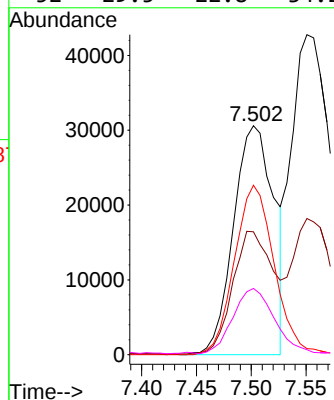
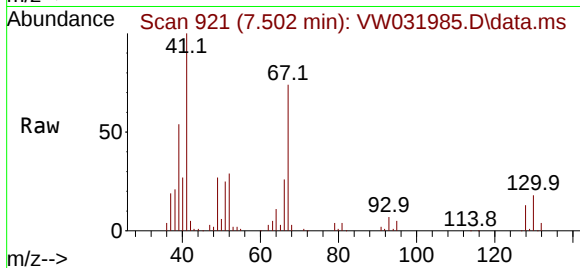




#41
Methacrylonitrile
Concen: 52.578 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

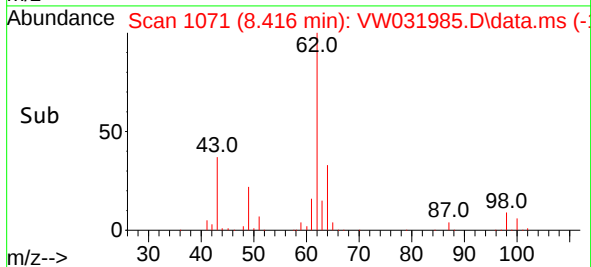
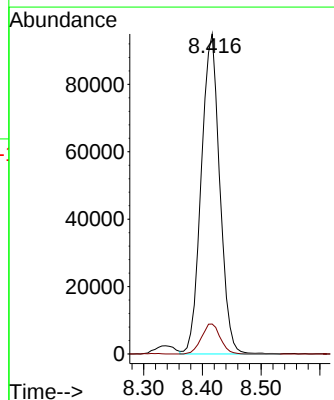
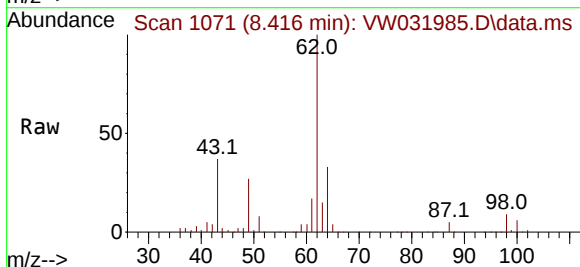
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

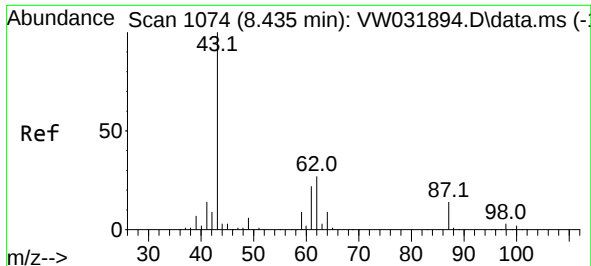
Tgt Ion:	41	Resp:	78554
Ion	Ratio	Lower	Upper
41	100		
39	53.3	41.1	61.7
67	73.3	56.2	84.4
52	29.5	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.091 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:	62	Resp:	207624
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

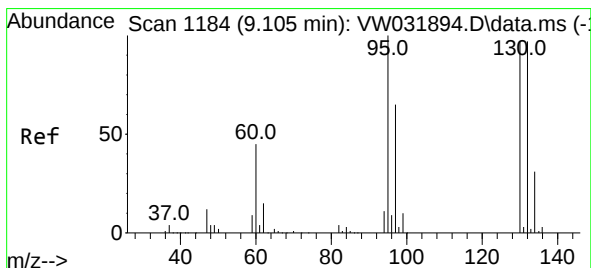
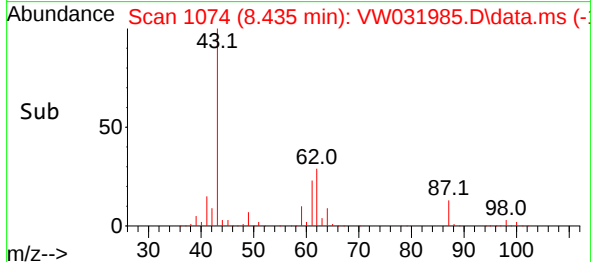
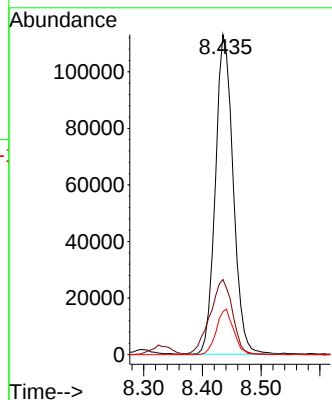
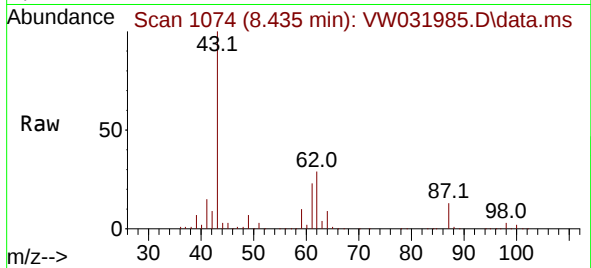




#43
Isopropyl Acetate
Concen: 52.561 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

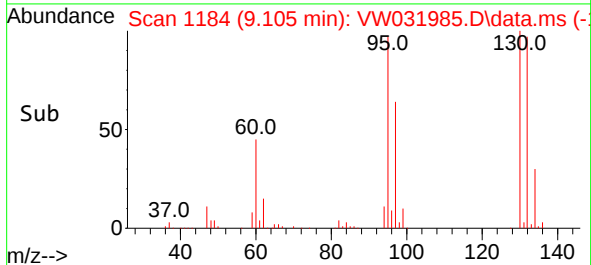
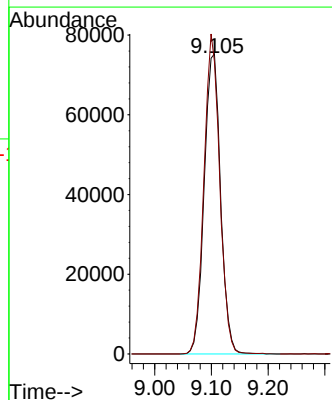
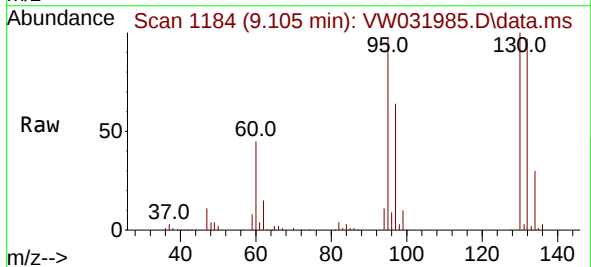
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

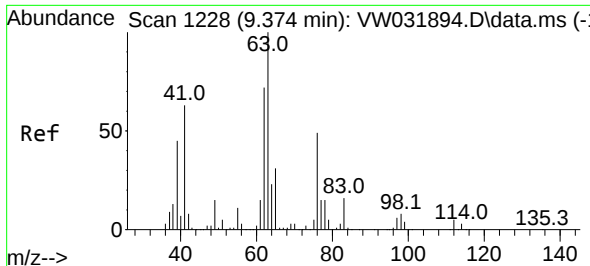
Tgt Ion: 43 Resp: 237483
Ion Ratio Lower Upper
43 100
61 29.7 24.0 36.0
87 14.0 11.1 16.7



#44
Trichloroethene
Concen: 49.283 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:130 Resp: 151714
Ion Ratio Lower Upper
130 100
95 97.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 50.111 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

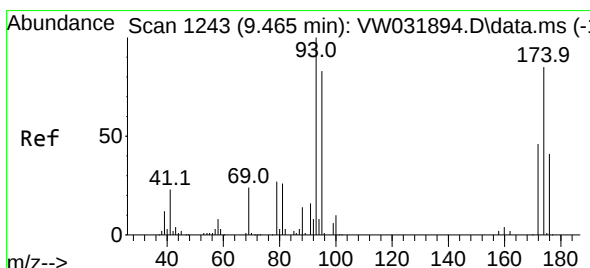
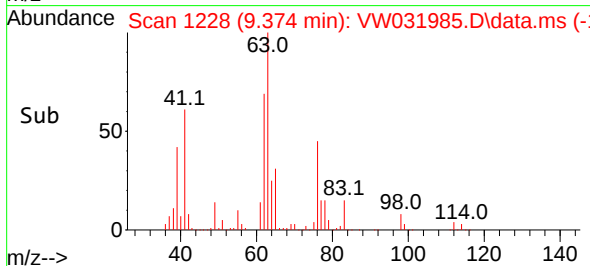
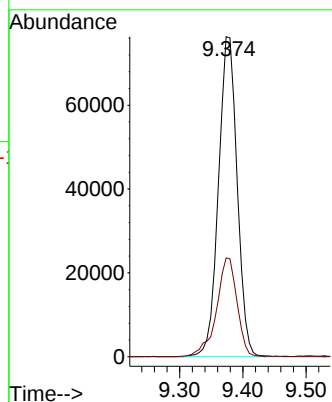
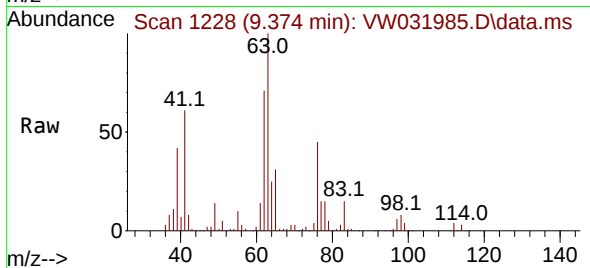
VSTDCCC050EC

Tgt Ion: 63 Resp: 156300

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 52.955 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

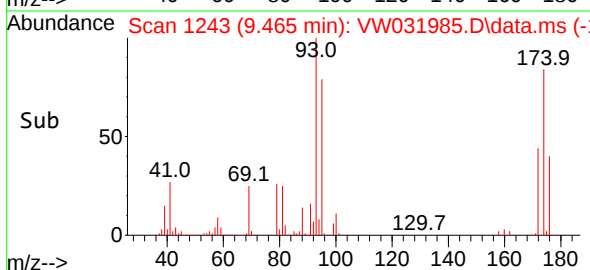
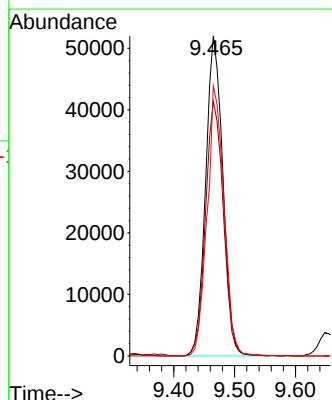
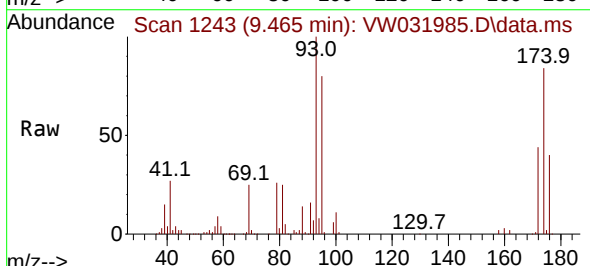
Tgt Ion: 93 Resp: 102389

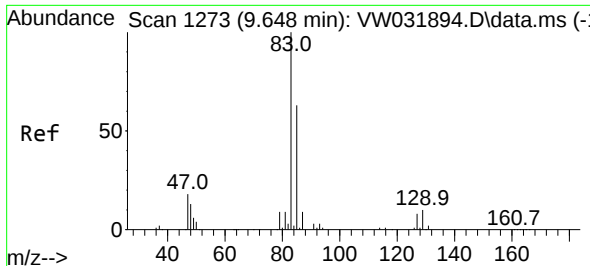
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 82.7 70.2 105.2

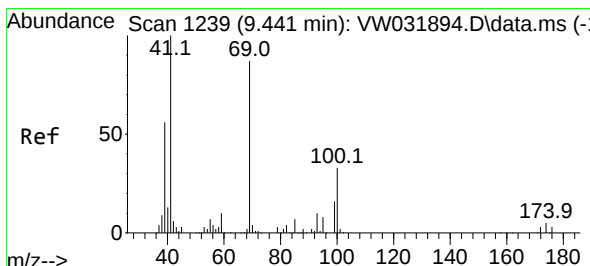
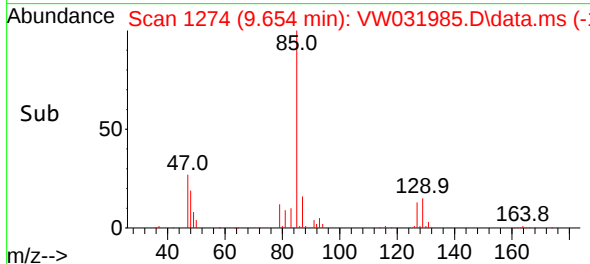
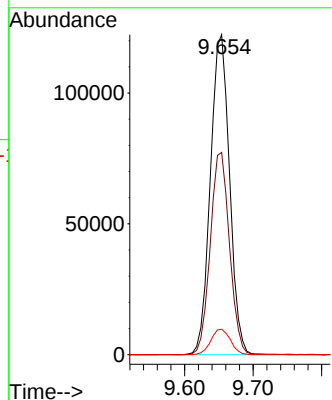
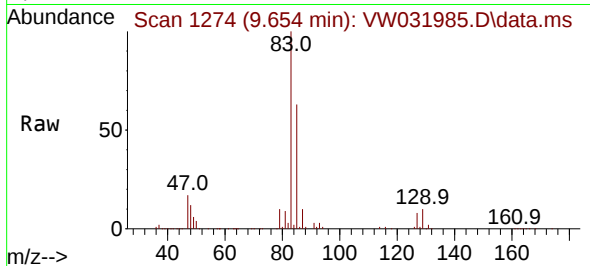




#47
Bromodichloromethane
Concen: 51.290 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

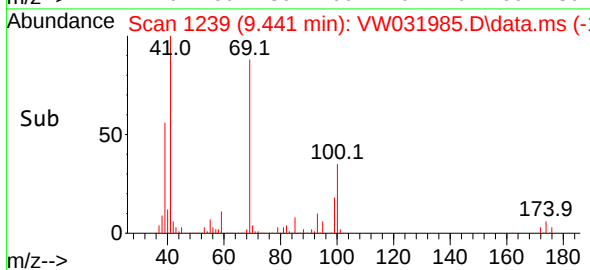
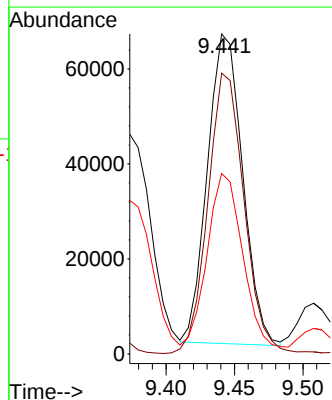
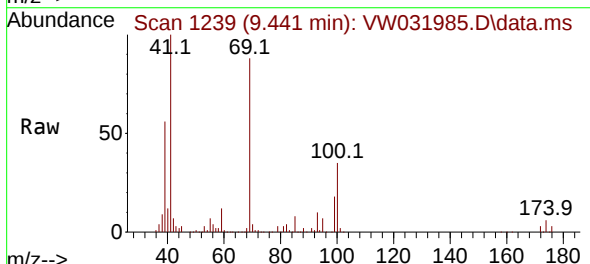
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

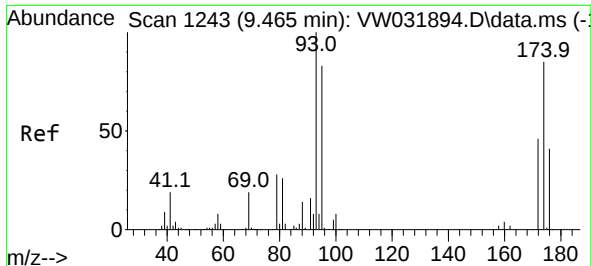
Tgt Ion: 83 Resp: 237800
Ion Ratio Lower Upper
83 100
85 63.2 50.6 76.0
127 7.9 6.5 9.7



#48
Methyl methacrylate
Concen: 54.104 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 41 Resp: 116300
Ion Ratio Lower Upper
41 100
69 94.0 73.6 110.4
39 56.3 45.5 68.3





#49

1,4-Dioxane

Concen: 1248.792 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

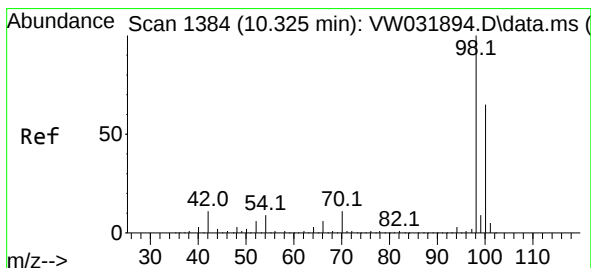
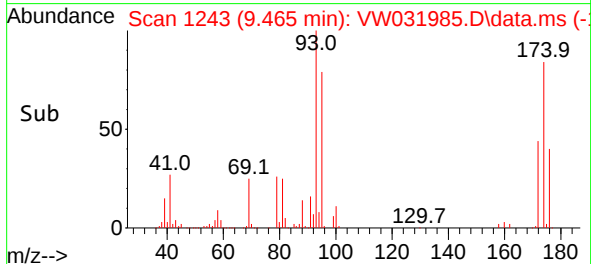
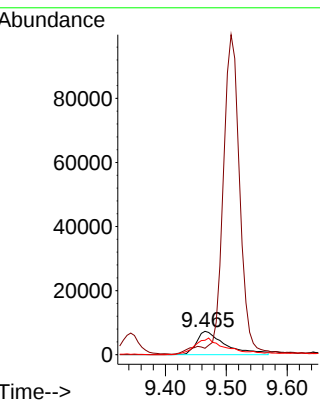
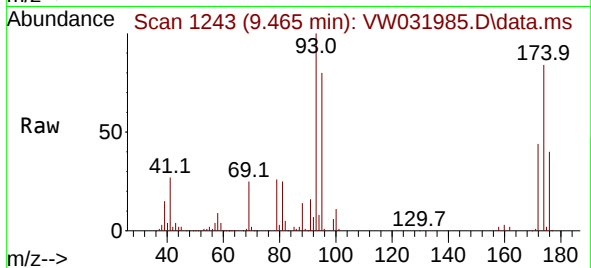
Tgt Ion: 88 Resp: 24093

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 75.2 58.2 87.2



#50

Toluene-d8

Concen: 46.115 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031985.D

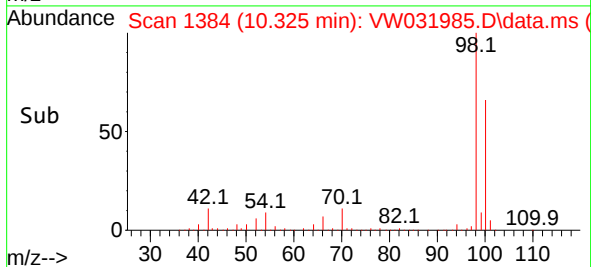
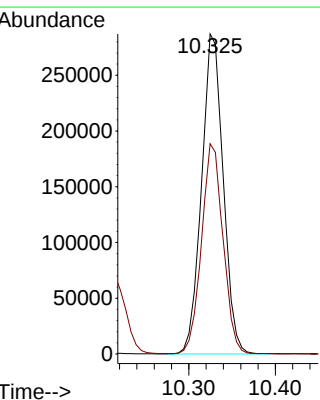
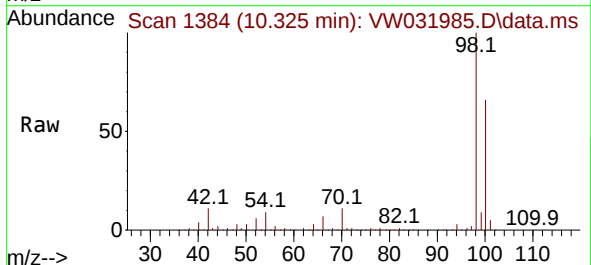
Acq: 01 Aug 2025 14:57

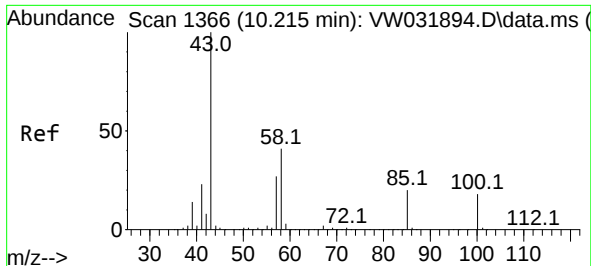
Tgt Ion: 98 Resp: 497217

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5

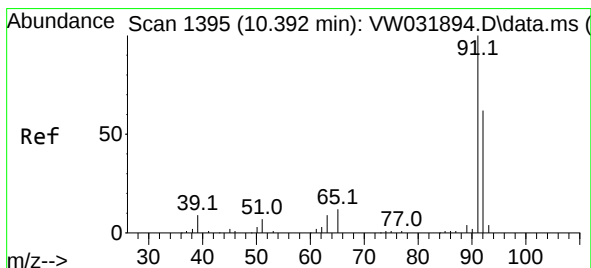
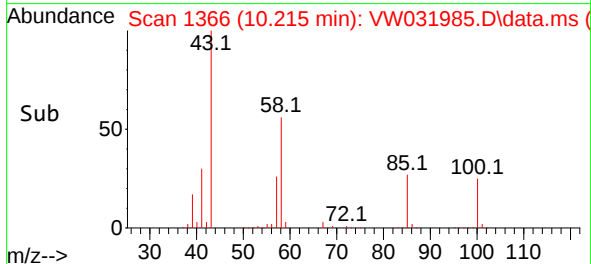
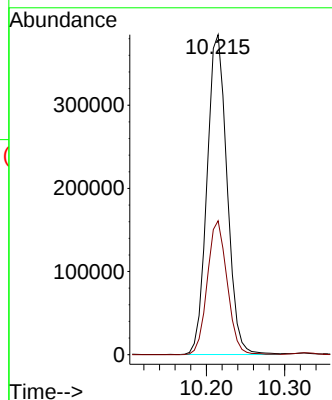
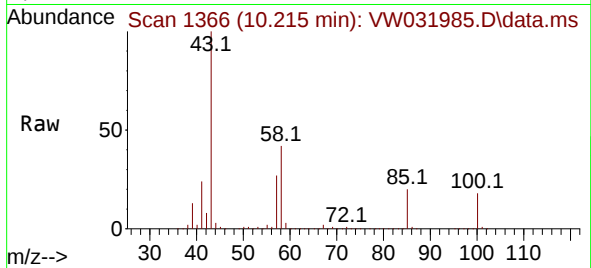




#51
4-Methyl-2-Pentanone
Concen: 276.474 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

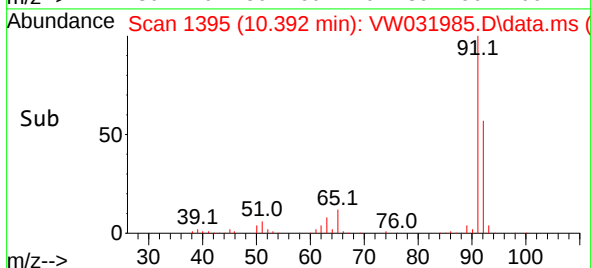
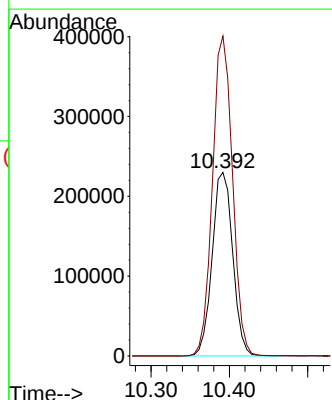
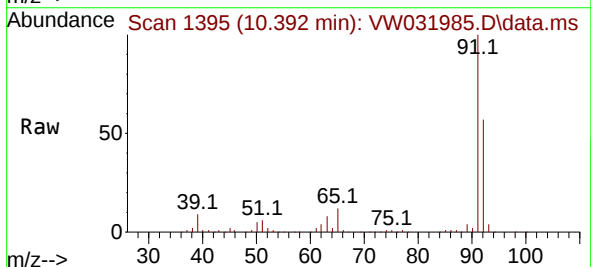
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

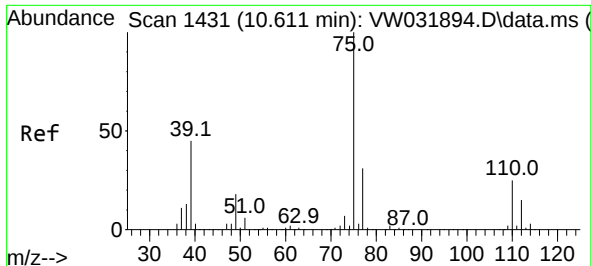
Tgt Ion: 43 Resp: 683642
Ion Ratio Lower Upper
43 100
58 41.5 32.8 49.2



#52
Toluene
Concen: 50.282 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 92 Resp: 418627
Ion Ratio Lower Upper
92 100
91 170.2 133.7 200.5

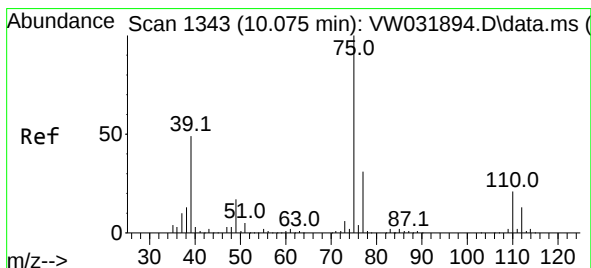
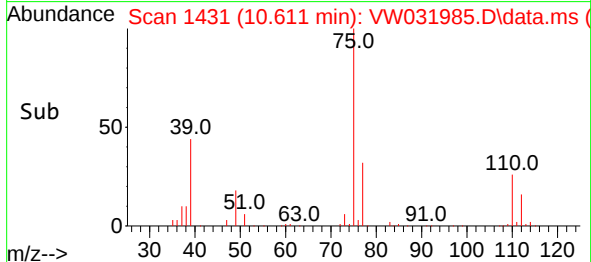
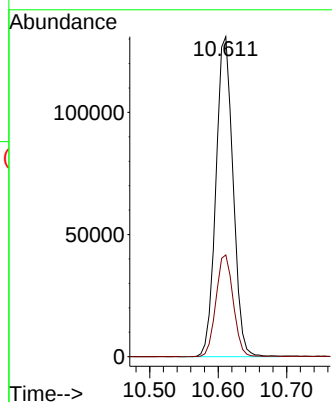
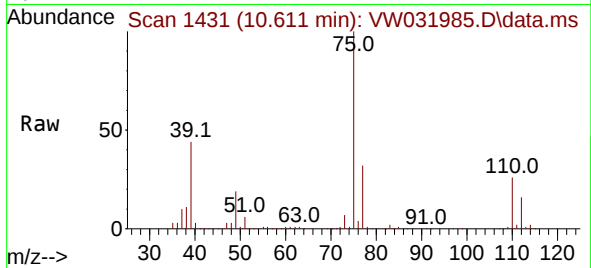




#53
t-1,3-Dichloropropene
Concen: 51.126 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

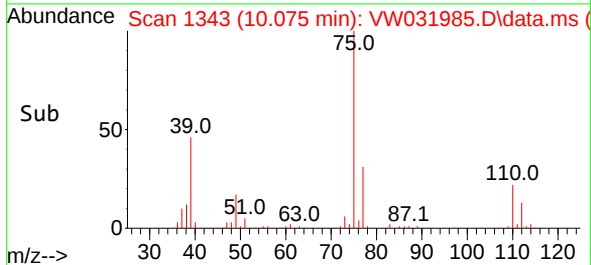
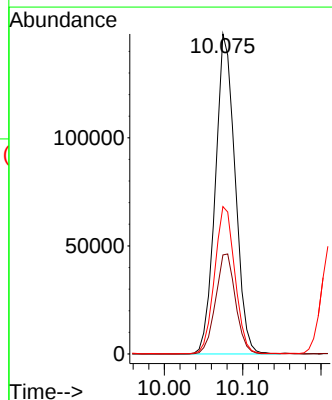
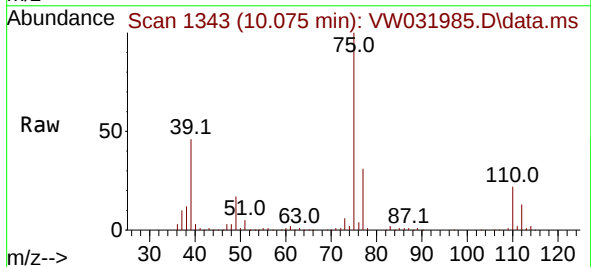
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

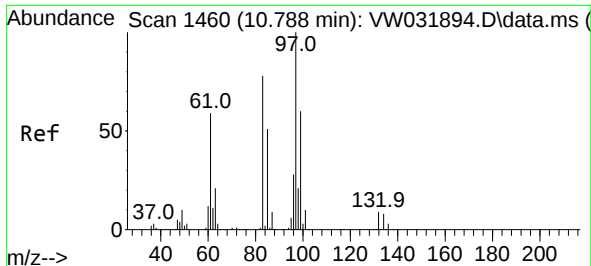
Tgt Ion: 75 Resp: 227379
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.145 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 75 Resp: 259764
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 45.9 39.3 58.9



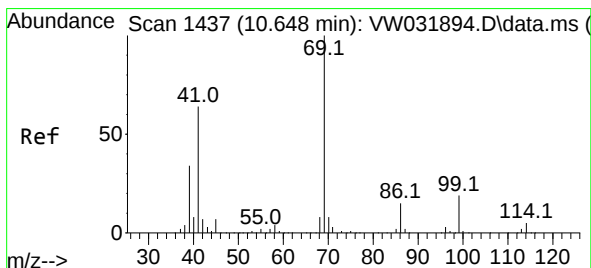
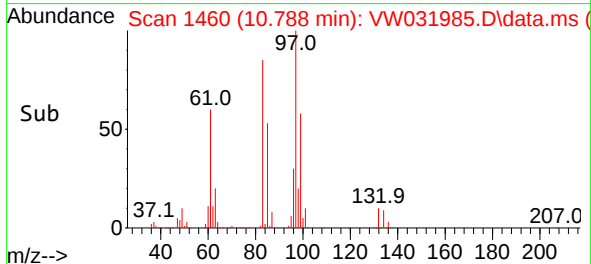
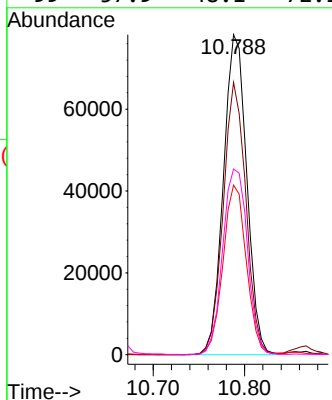
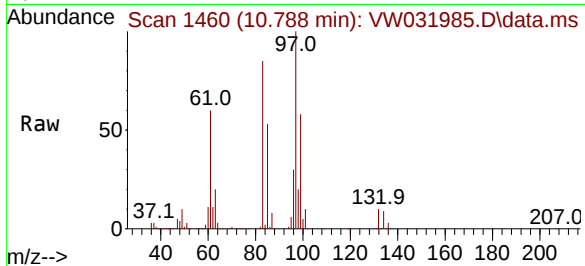


#55
1,1,2-Trichloroethane
Concen: 54.145 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 139062

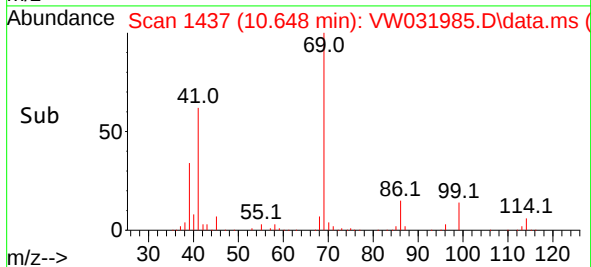
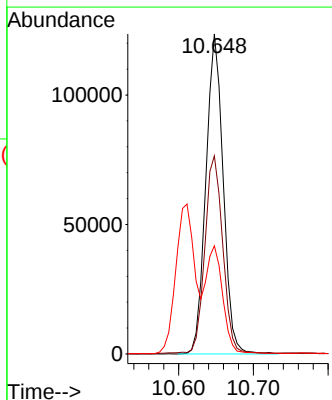
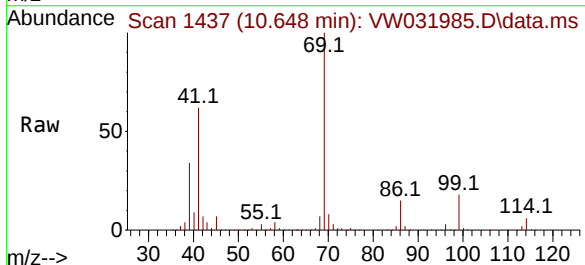
Ion	Ratio	Lower	Upper
97	100		
83	85.1	62.4	93.6
85	53.0	41.0	61.6
99	57.9	48.1	72.1

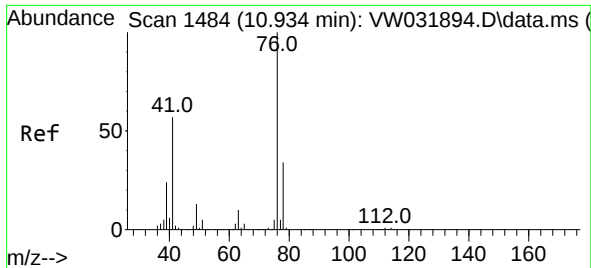


#56
Ethyl methacrylate
Concen: 54.717 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 69 Resp: 198472

Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.0	78.0
39	32.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 52.261 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

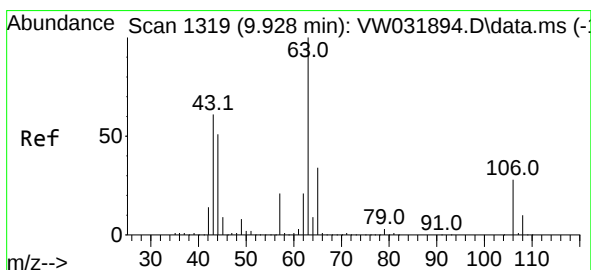
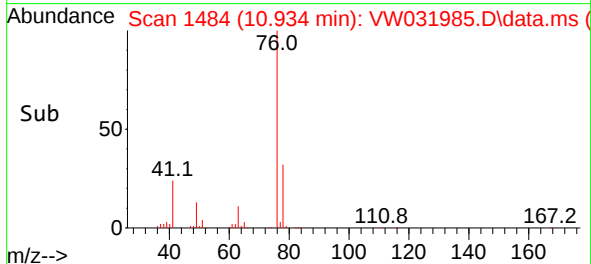
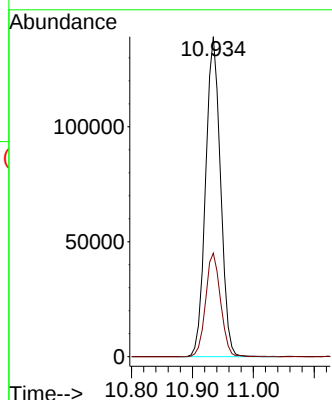
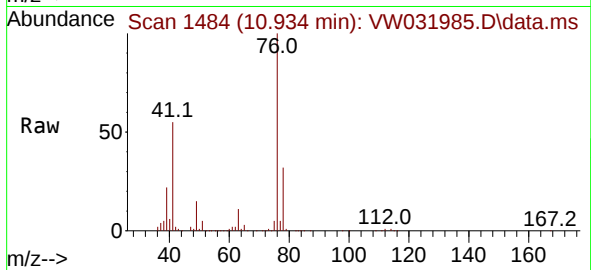
VSTDCCC050EC

Tgt Ion: 76 Resp: 236462

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.681 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031985.D

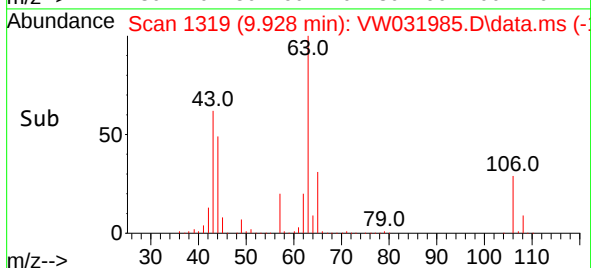
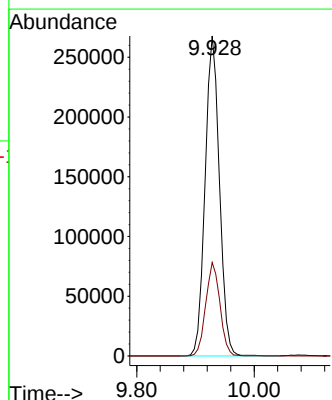
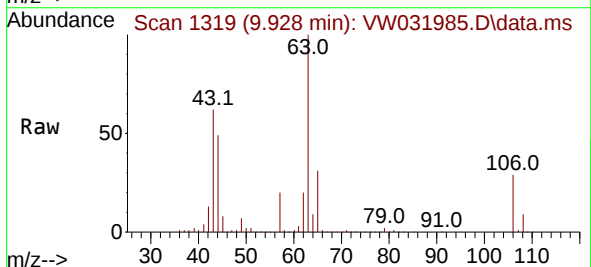
Acq: 01 Aug 2025 14:57

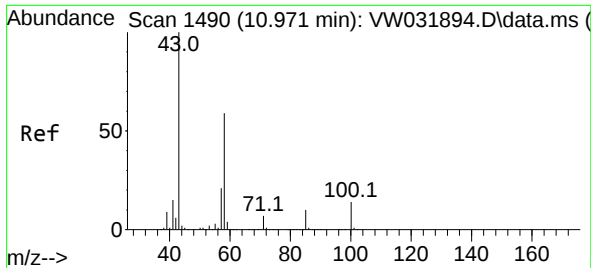
Tgt Ion: 63 Resp: 454012

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1

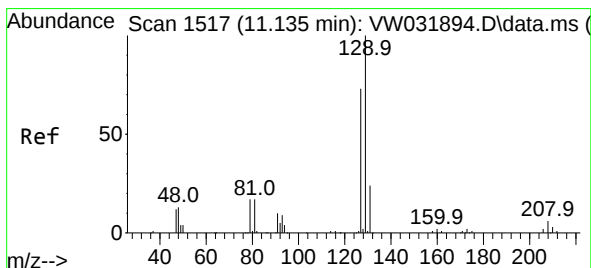
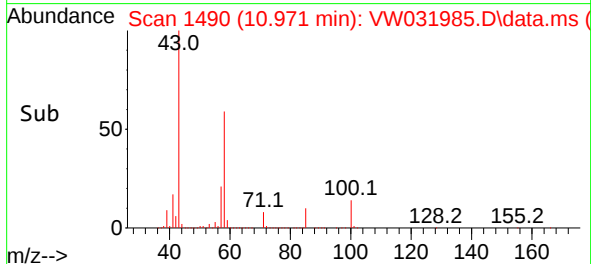
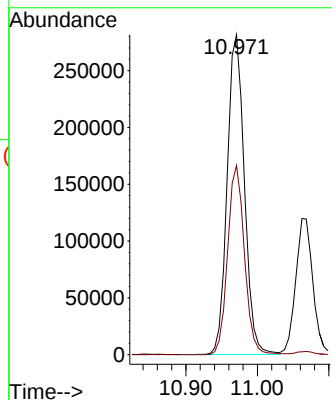
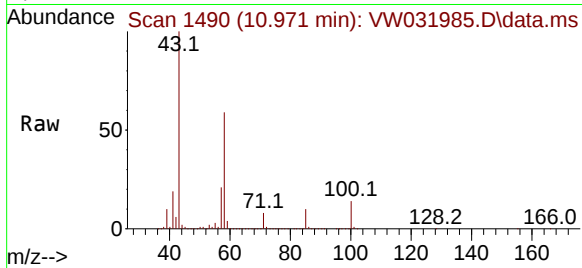




#59
2-Hexanone
Concen: 274.174 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

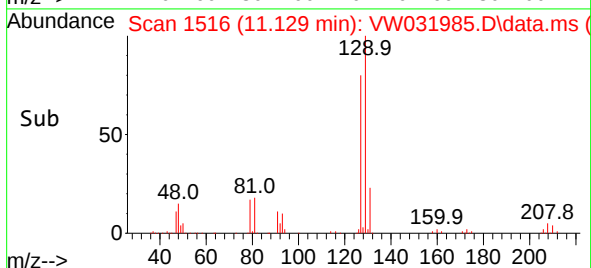
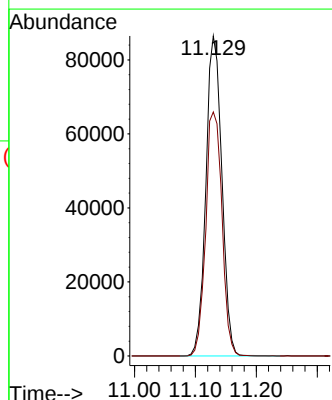
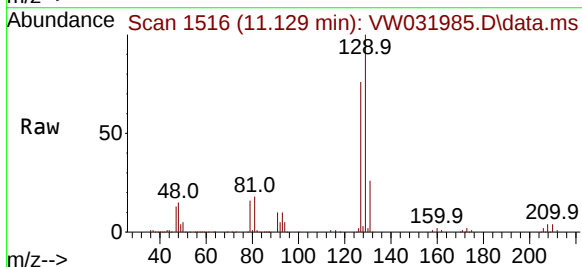
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

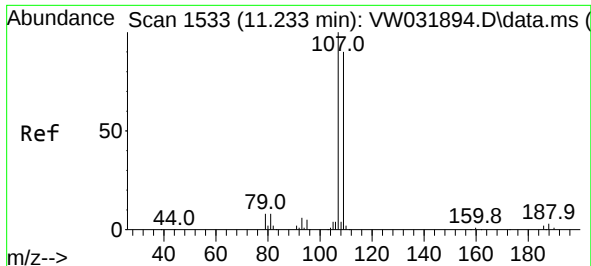
Tgt Ion: 43 Resp: 471245
Ion Ratio Lower Upper
43 100
58 57.6 28.5 85.6



#60
Dibromochloromethane
Concen: 52.497 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:129 Resp: 157200
Ion Ratio Lower Upper
129 100
127 77.6 39.6 118.8

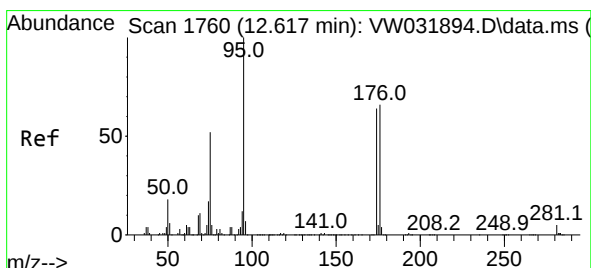
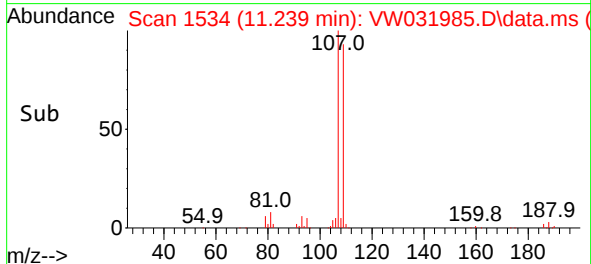
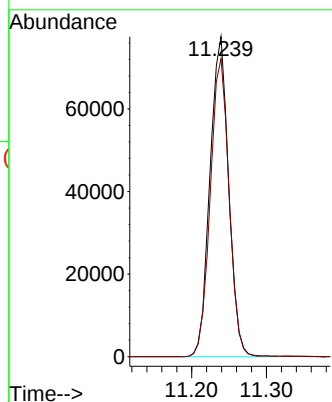
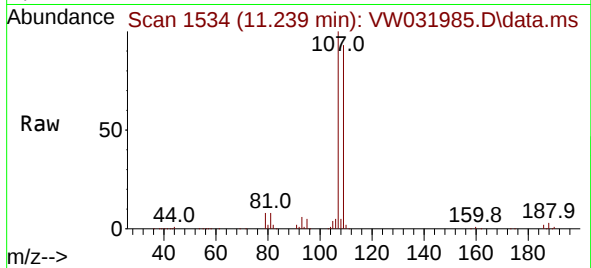




#61
1,2-Dibromoethane
Concen: 53.118 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

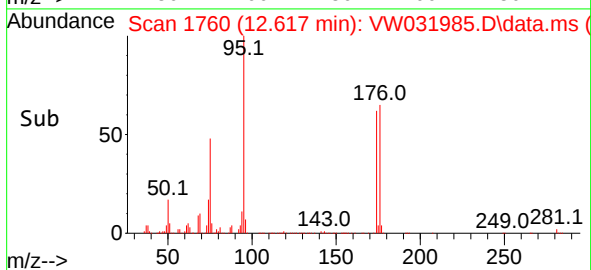
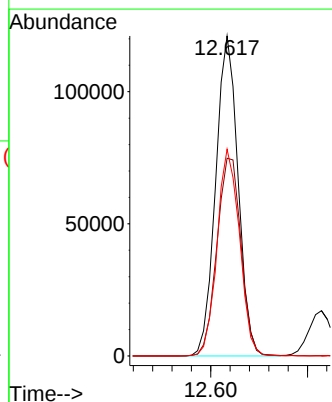
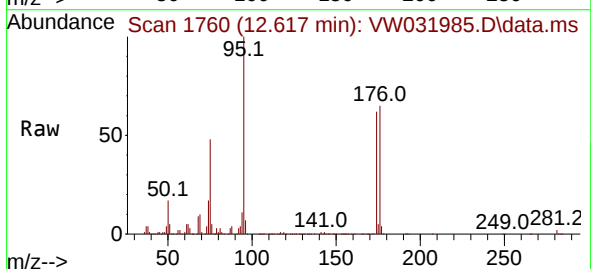
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

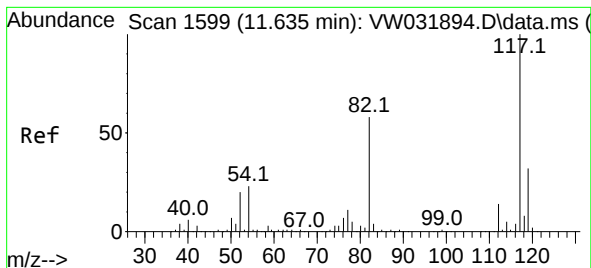
Tgt Ion:107 Resp: 134804
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.896 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 95 Resp: 194159
Ion Ratio Lower Upper
95 100
174 66.7 0.0 129.8
176 64.6 0.0 130.4

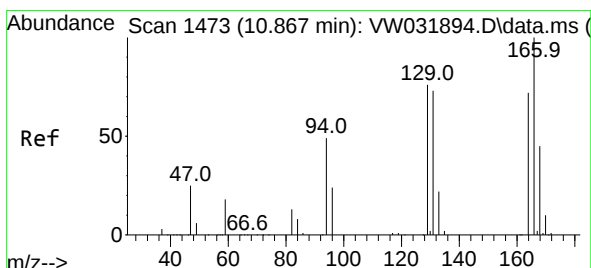
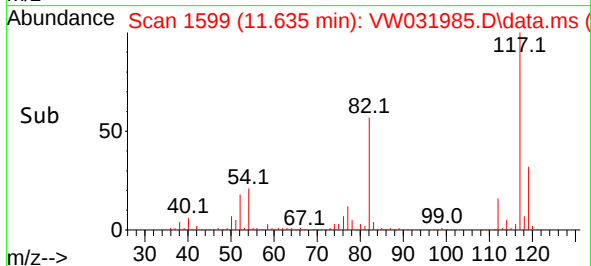
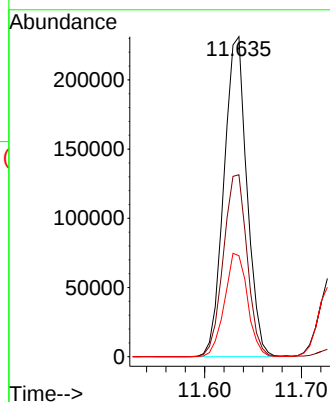
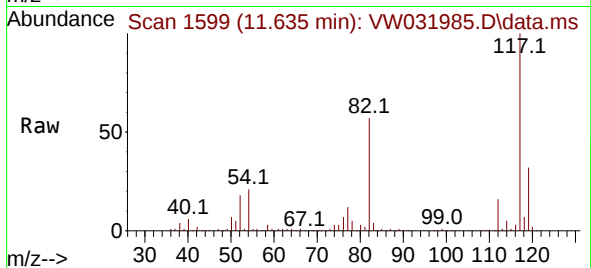




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

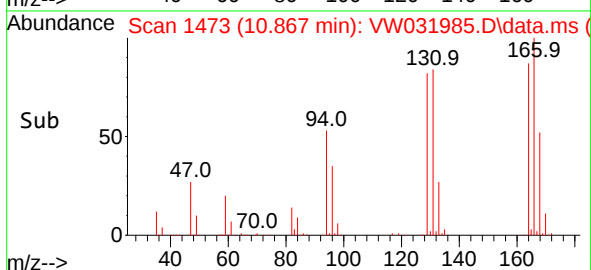
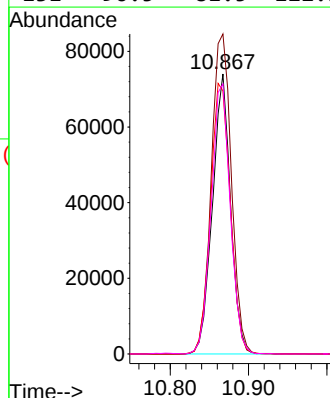
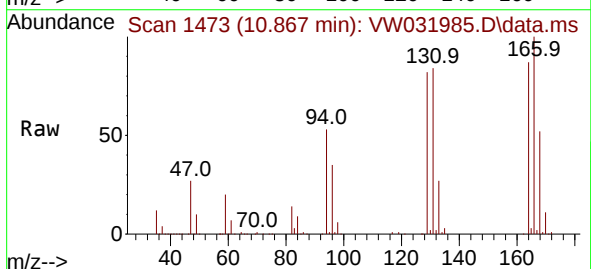
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

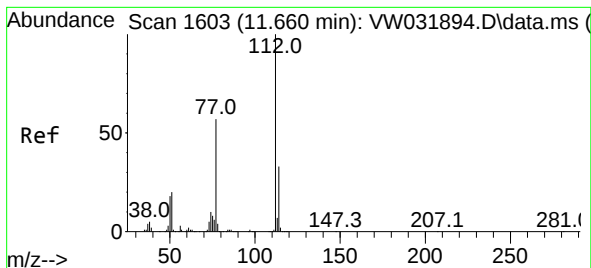
Tgt Ion:117 Resp: 382211
Ion Ratio Lower Upper
117 100
82 56.9 46.5 69.7
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 47.091 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:164 Resp: 118669
Ion Ratio Lower Upper
164 100
166 114.3 111.5 167.3
129 94.0 85.1 127.7
131 96.5 81.5 122.3

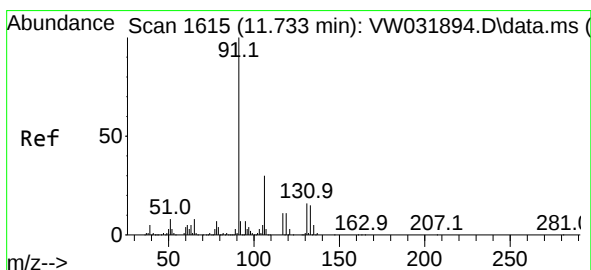
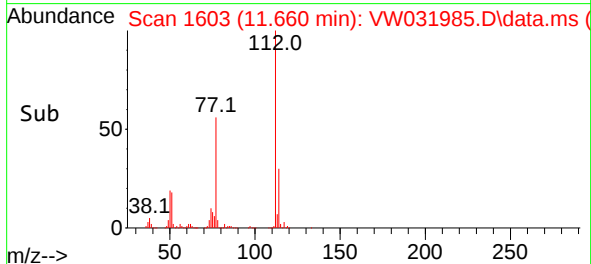
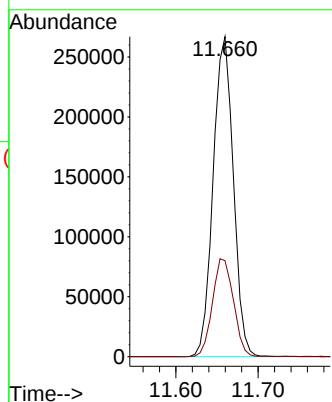
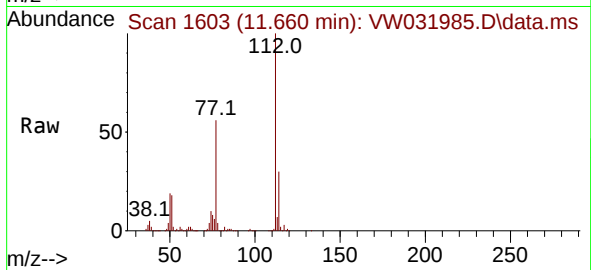




#65
Chlorobenzene
Concen: 48.717 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

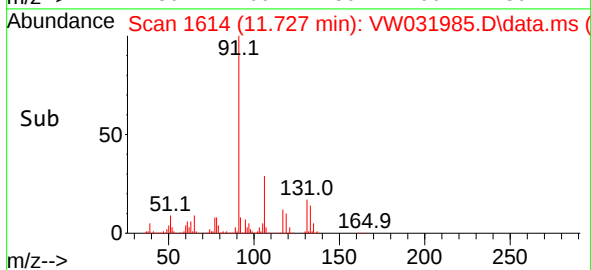
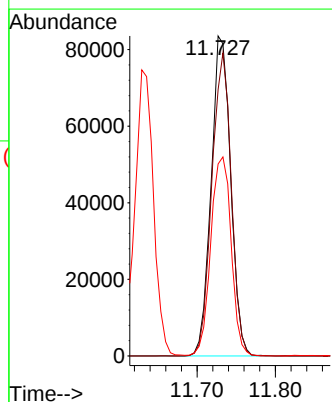
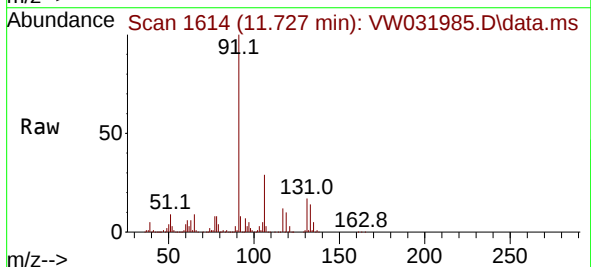
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

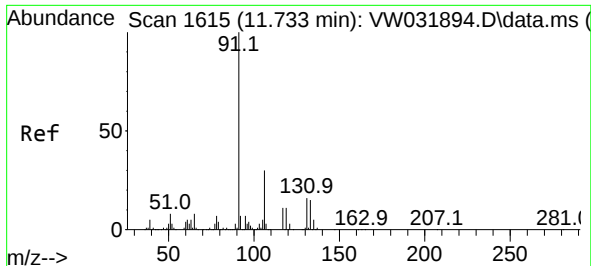
Tgt Ion:112 Resp: 455717
Ion Ratio Lower Upper
112 100
114 30.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.944 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:131 Resp: 144835
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.4
119 64.9 33.7 101.1





#67

Ethyl Benzene

Concen: 48.521 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

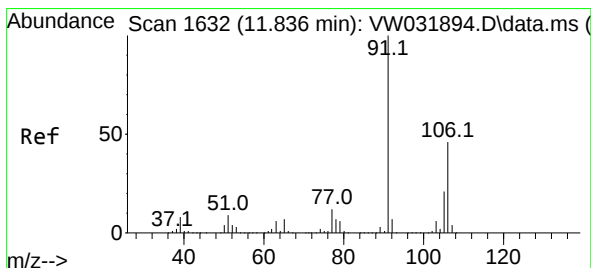
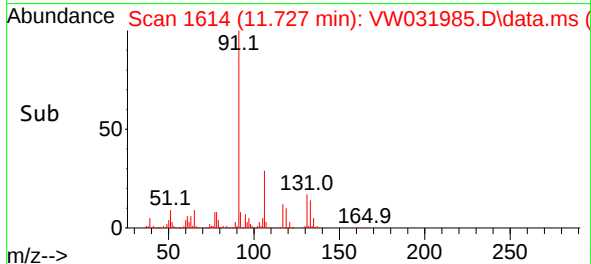
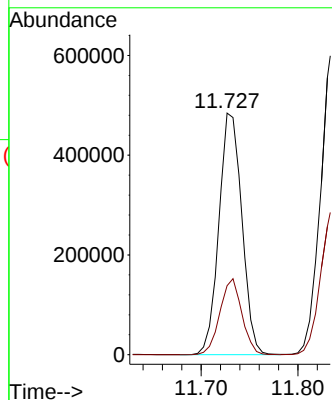
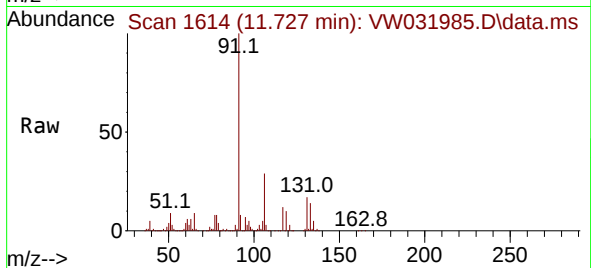
VSTDCCC050EC

Tgt Ion: 91 Resp: 797474

Ion Ratio Lower Upper

91 100

106 28.5 23.8 35.6



#68

m/p-Xylenes

Concen: 96.758 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031985.D

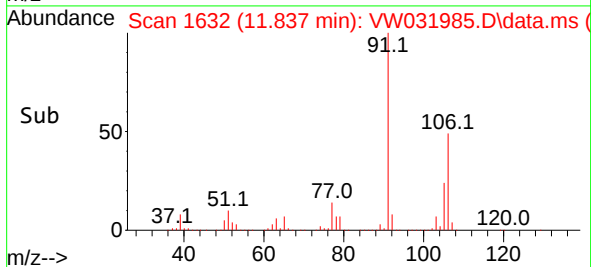
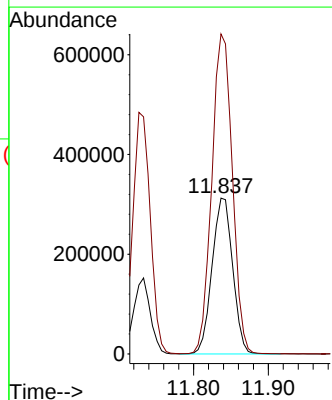
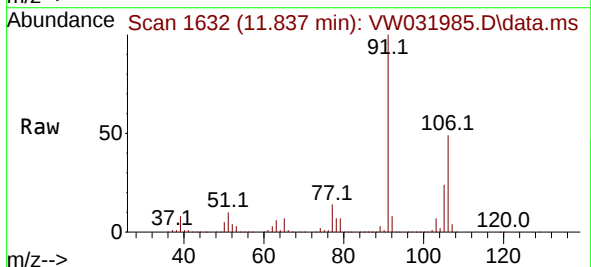
Acq: 01 Aug 2025 14:57

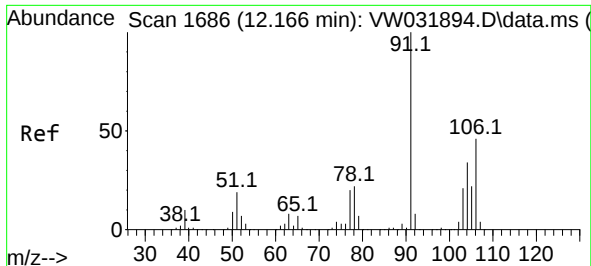
Tgt Ion:106 Resp: 598674

Ion Ratio Lower Upper

106 100

91 205.4 167.7 251.5

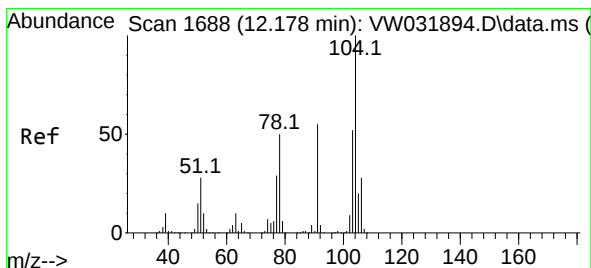
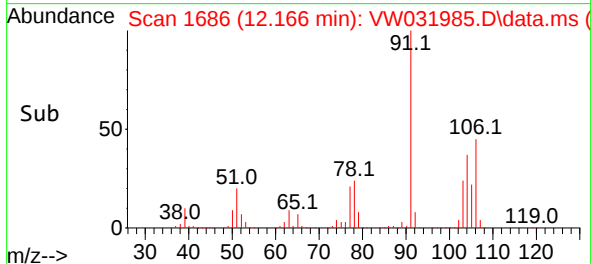
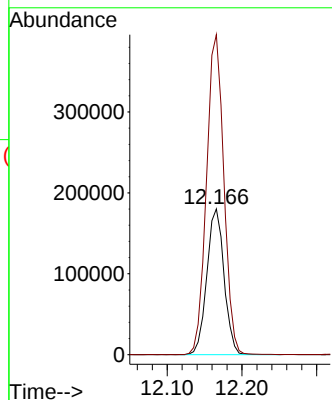
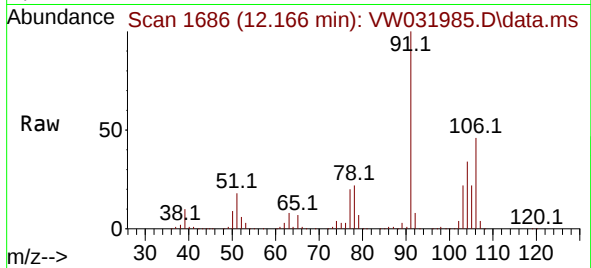




#69
o-Xylene
Concen: 49.214 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

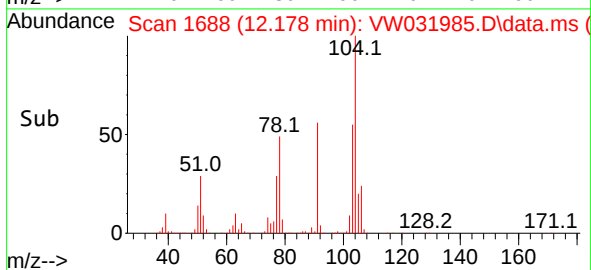
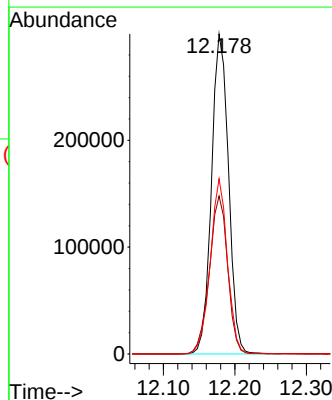
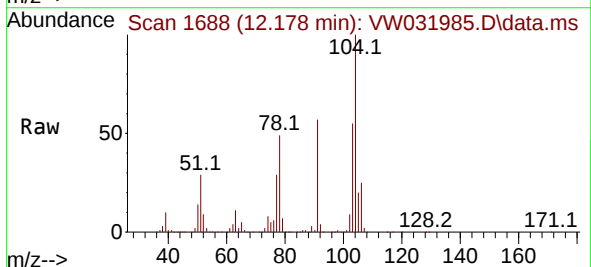
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

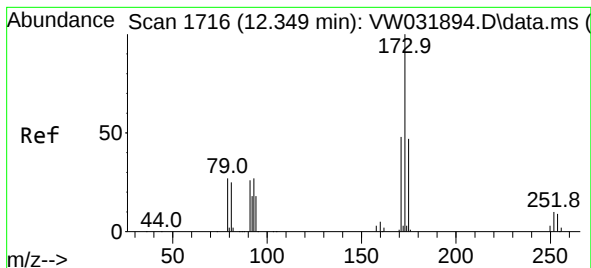
Tgt Ion:106 Resp: 288170
Ion Ratio Lower Upper
106 100
91 221.1 108.2 324.6



#70
Styrene
Concen: 49.707 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:104 Resp: 495553
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 55.3 42.8 64.2





#71

Bromoform

Concen: 51.754 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

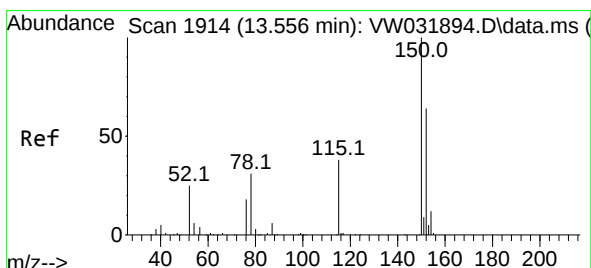
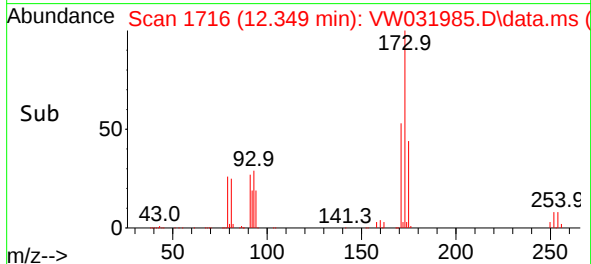
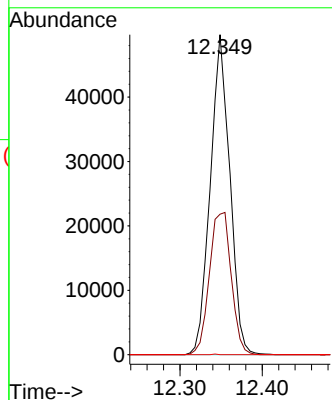
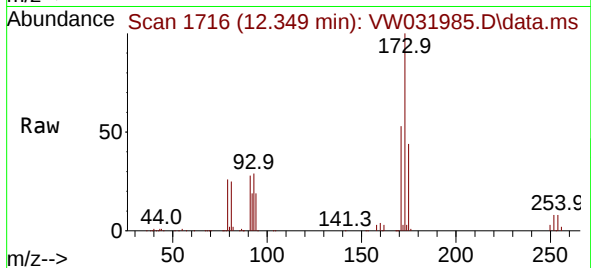
Tgt Ion:173 Resp: 82082

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

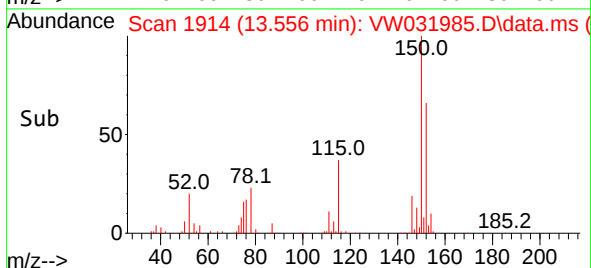
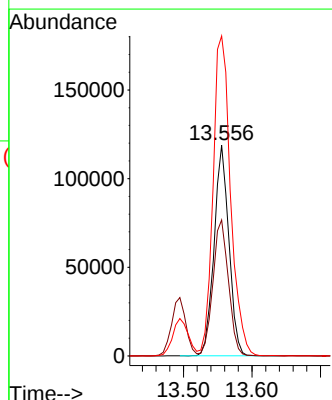
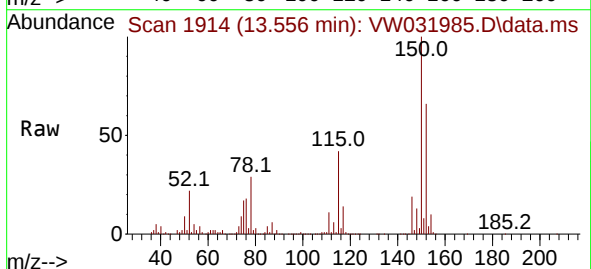
Tgt Ion:152 Resp: 177871

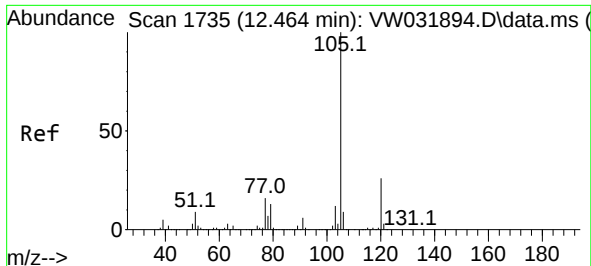
Ion Ratio Lower Upper

152 100

115 67.8 33.4 100.1

150 179.6 0.0 352.2

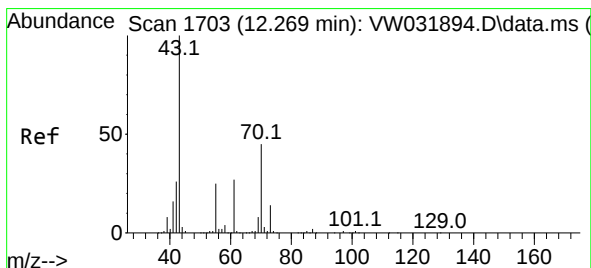
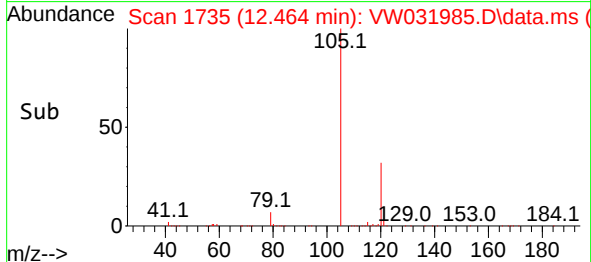
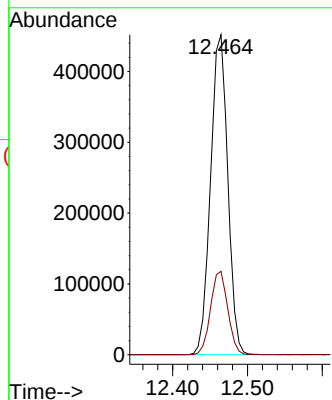
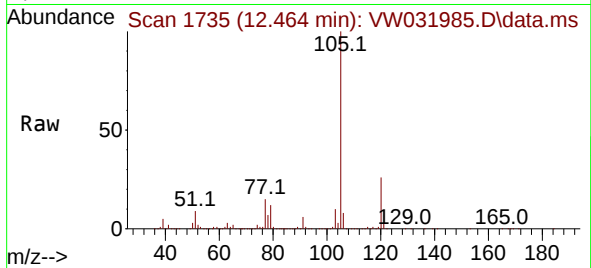




#73
Isopropylbenzene
Concen: 46.792 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

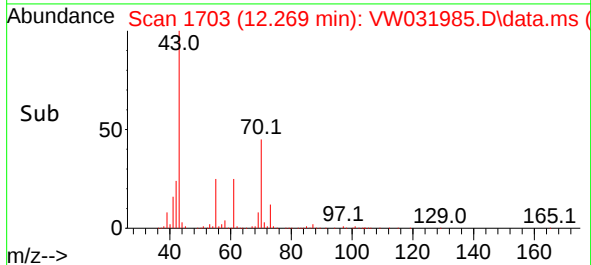
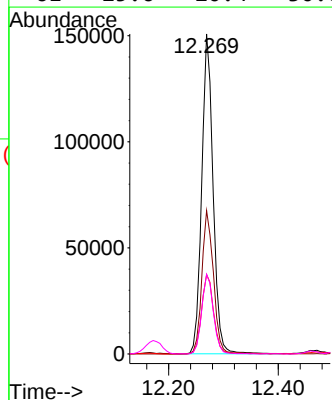
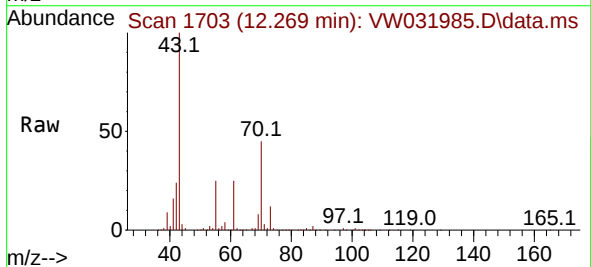
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

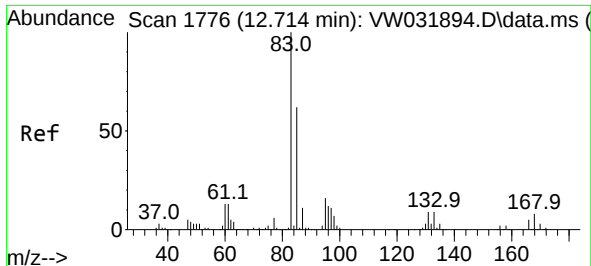
Tgt Ion:105 Resp: 722149
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.8



#74
N-ethyl acetate
Concen: 52.039 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 43 Resp: 217122
Ion Ratio Lower Upper
43 100
70 45.7 36.6 55.0
55 26.8 20.7 31.1
61 25.6 20.4 30.6

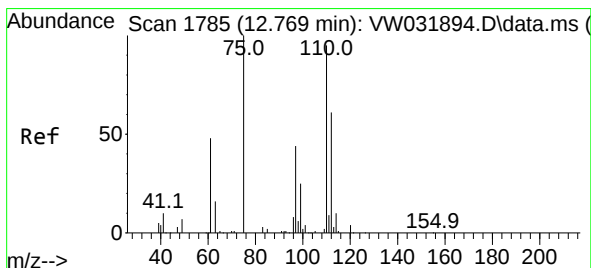
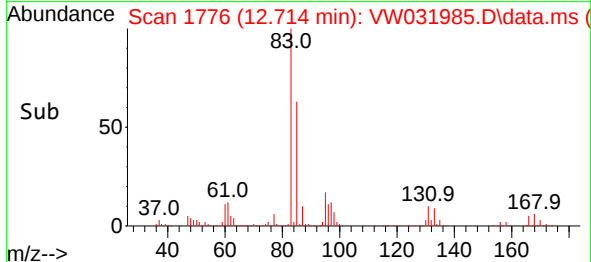
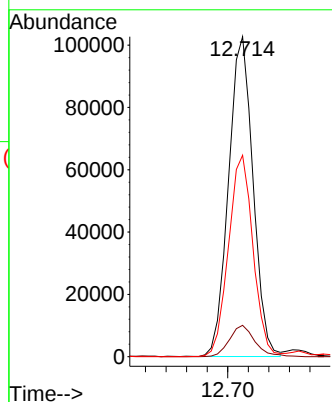
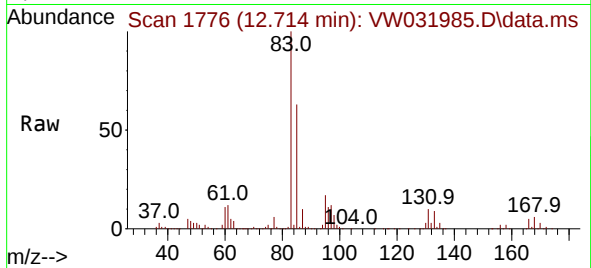




#75
1,1,2,2-Tetrachloroethane
Concen: 51.882 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

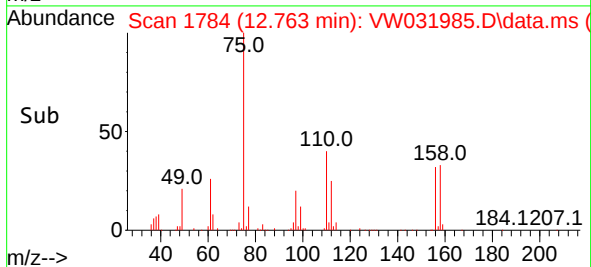
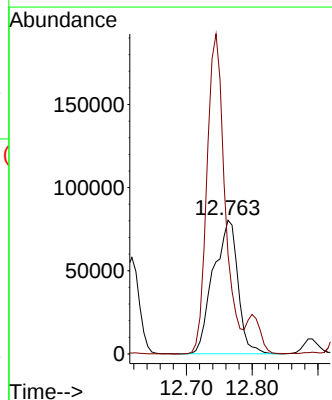
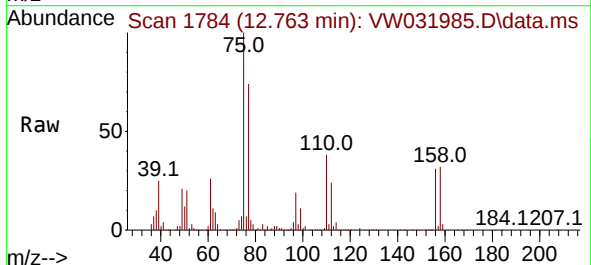
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

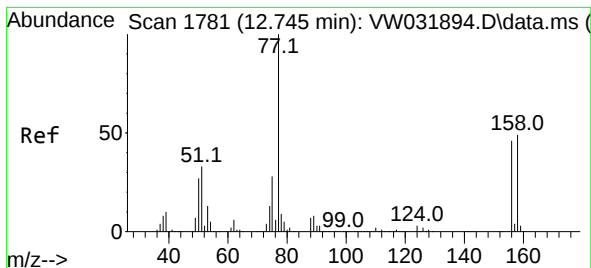
Tgt Ion: 83 Resp: 169961
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.1 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 85.148 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 75 Resp: 209104
Ion Ratio Lower Upper
75 100
77 176.5 0.0 0.0#





#77

Bromobenzene

Concen: 51.396 ug/l

RT: 12.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

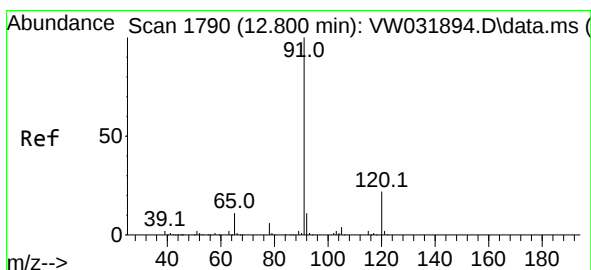
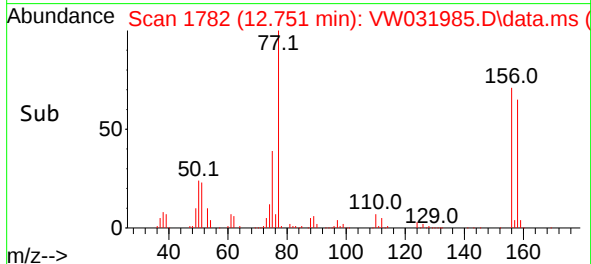
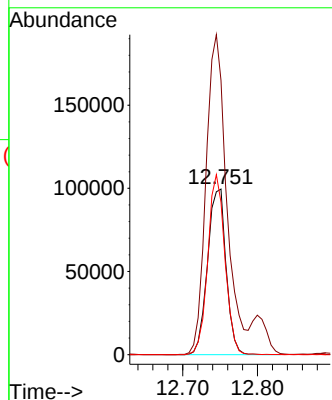
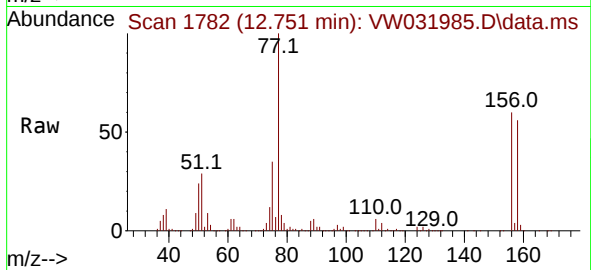
Tgt Ion:156 Resp: 171625

Ion Ratio Lower Upper

156 100

77 215.0 115.3 345.8

158 100.6 50.1 150.3



#78

n-propylbenzene

Concen: 46.224 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031985.D

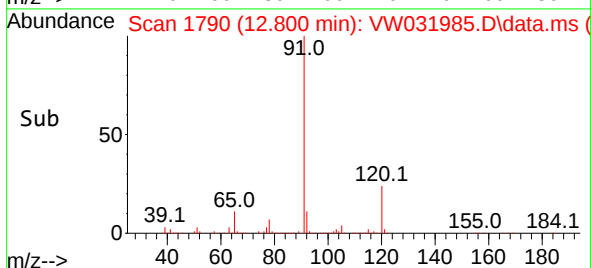
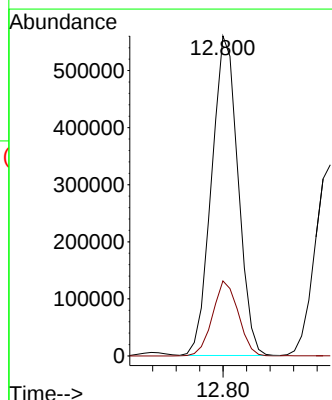
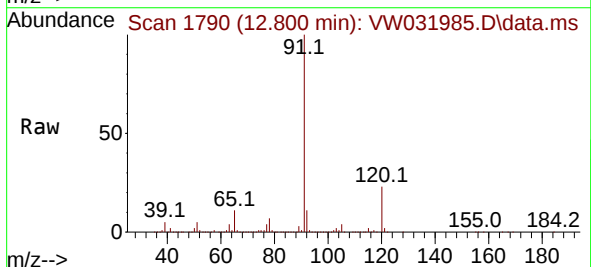
Acq: 01 Aug 2025 14:57

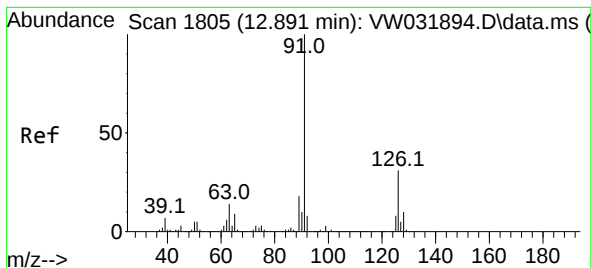
Tgt Ion: 91 Resp: 876165

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.6

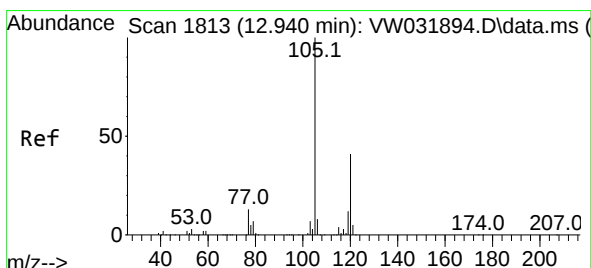
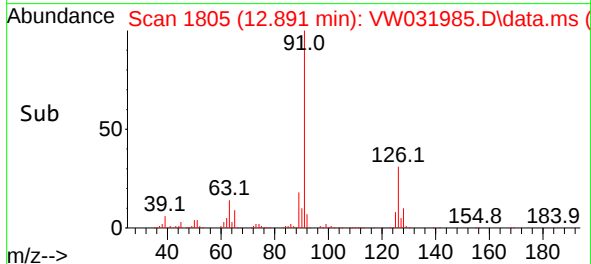
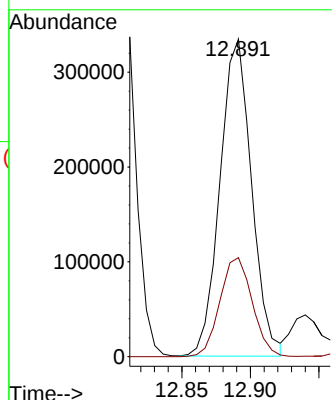
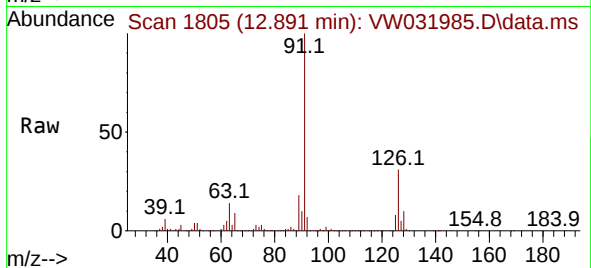




#79
2-Chlorotoluene
Concen: 47.352 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

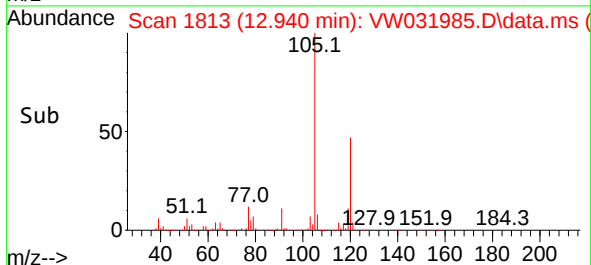
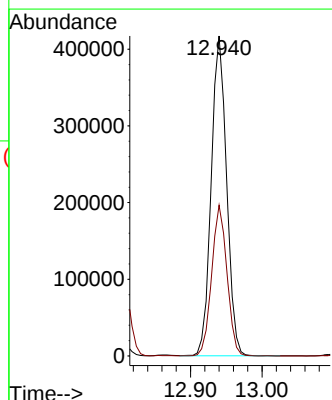
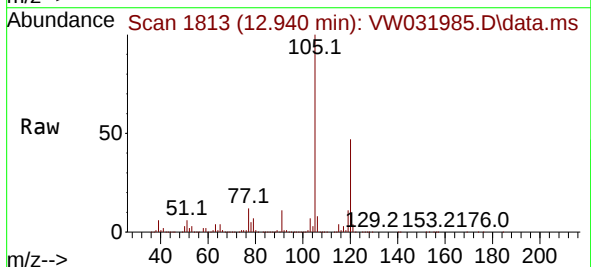
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

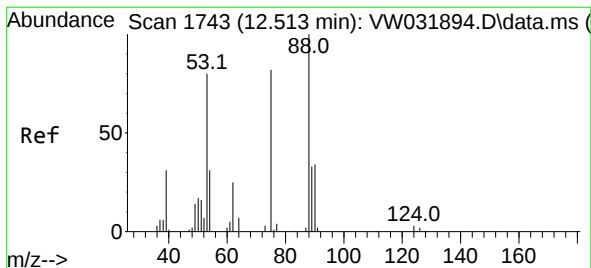
Tgt Ion: 91 Resp: 535891
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.8



#80
1,3,5-Trimethylbenzene
Concen: 48.080 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 105 Resp: 622333
Ion Ratio Lower Upper
105 100
120 46.8 23.5 70.5

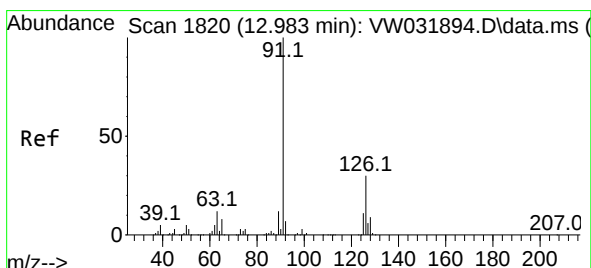
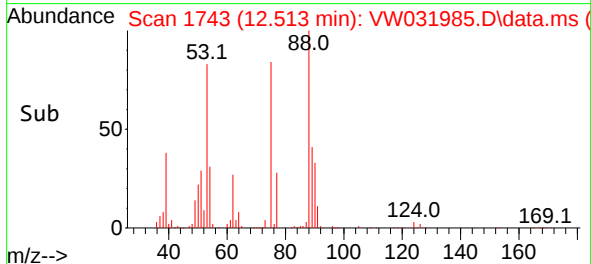
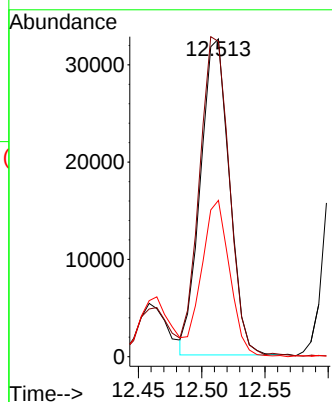
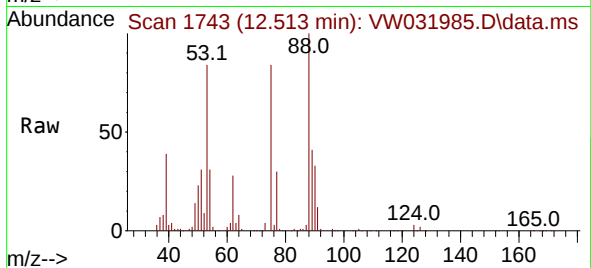




#81
trans-1,4-Dichloro-2-butene
Concen: 48.698 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

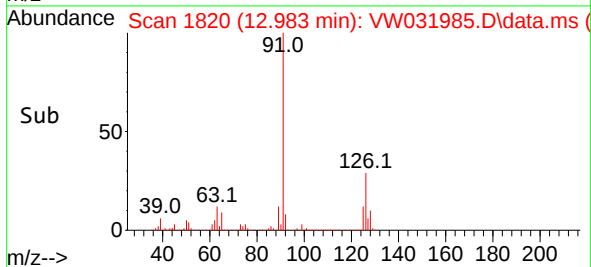
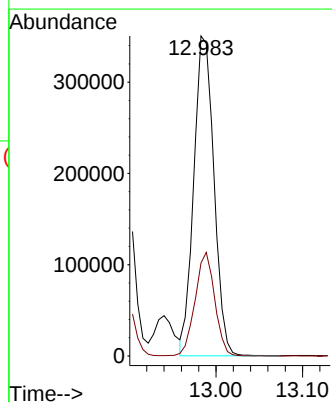
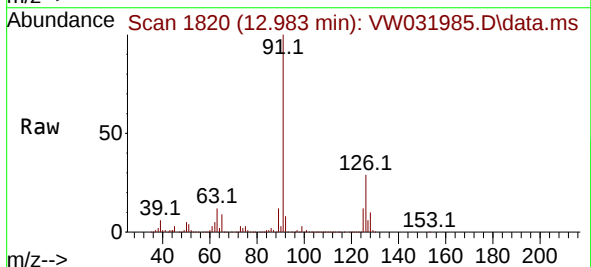
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

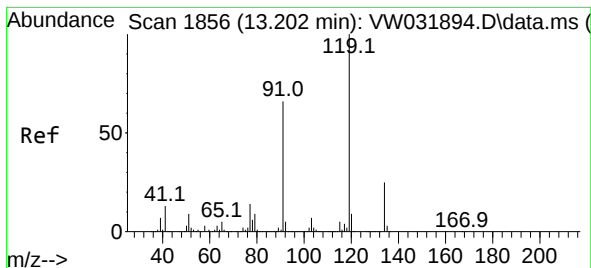
Tgt Ion: 75 Resp: 51800
Ion Ratio Lower Upper
75 100
53 104.6 83.7 125.5
89 48.7 39.0 58.6



#82
4-Chlorotoluene
Concen: 47.686 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion: 91 Resp: 566162
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.3

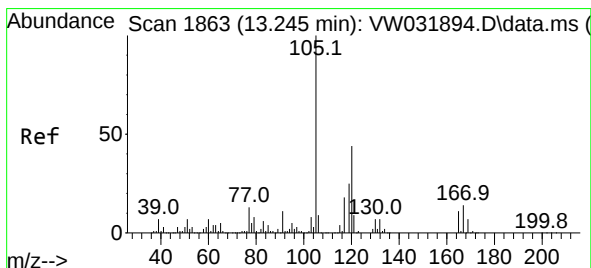
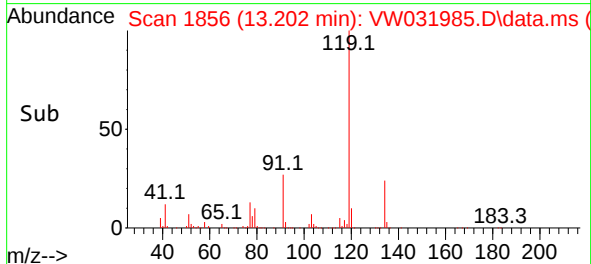
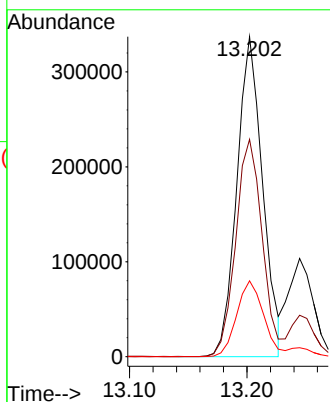
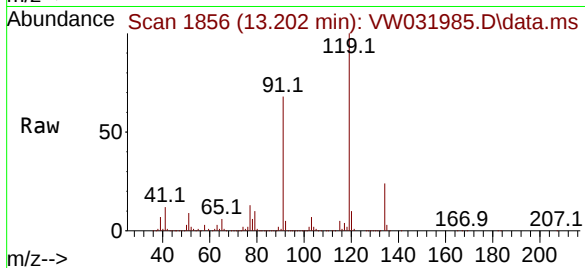




#83
tert-Butylbenzene
Concen: 46.614 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

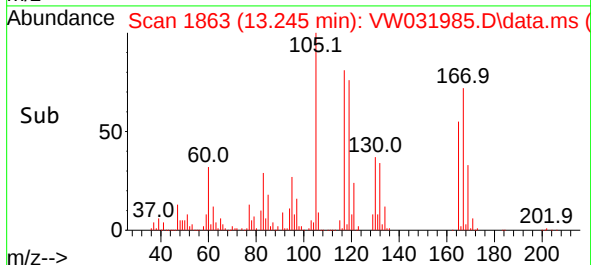
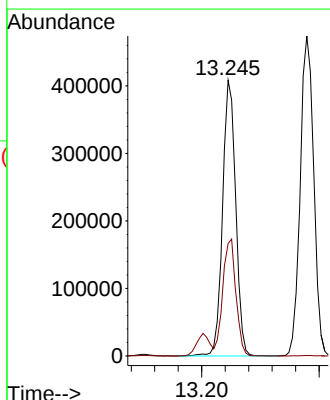
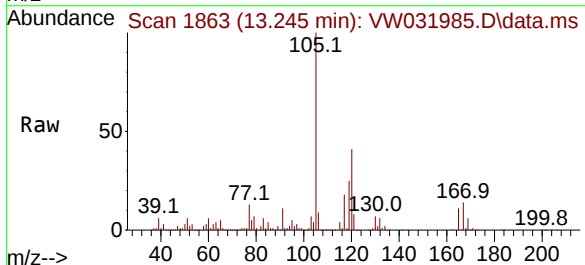
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

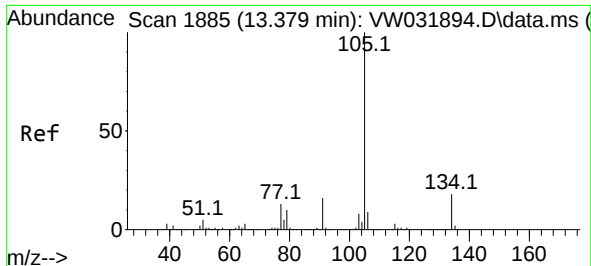
Tgt Ion:119 Resp: 513940
Ion Ratio Lower Upper
119 100
91 69.5 35.5 106.5
134 24.8 12.4 37.0



#84
1,2,4-Trimethylbenzene
Concen: 48.353 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:105 Resp: 633478
Ion Ratio Lower Upper
105 100
120 42.5 21.3 63.9

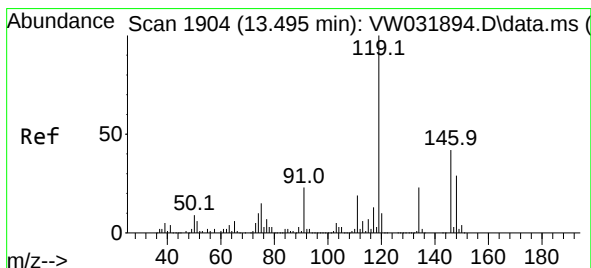
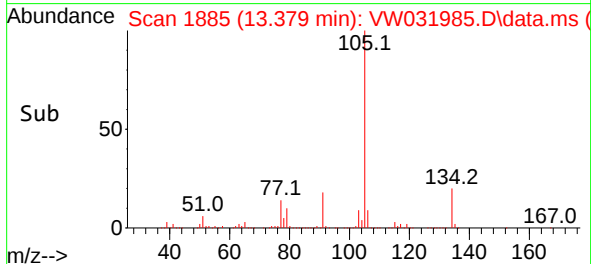
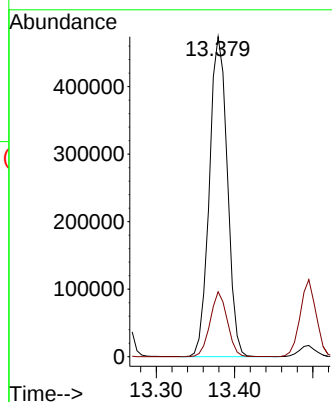
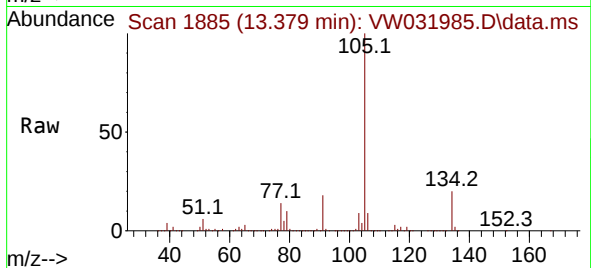




#85
 sec-Butylbenzene
 Concen: 45.541 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

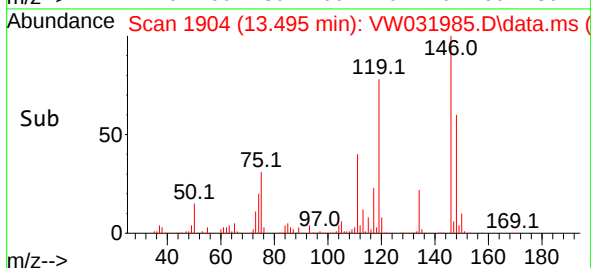
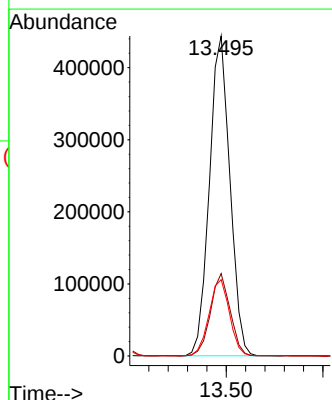
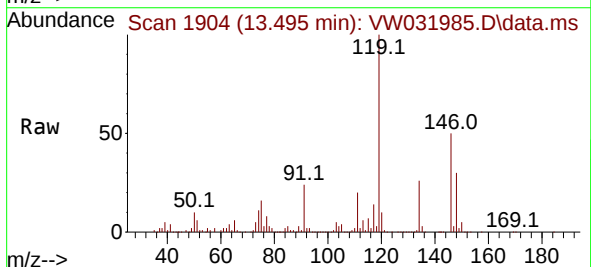
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

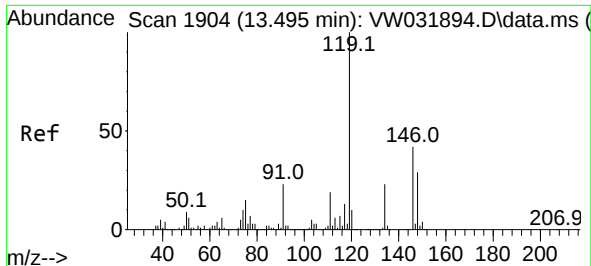
Tgt Ion:105 Resp: 754033
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 47.816 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW031985.D
 Acq: 01 Aug 2025 14:57

Tgt Ion:119 Resp: 654380
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 23.8 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 48.589 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

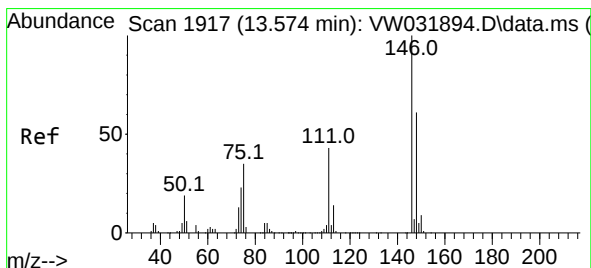
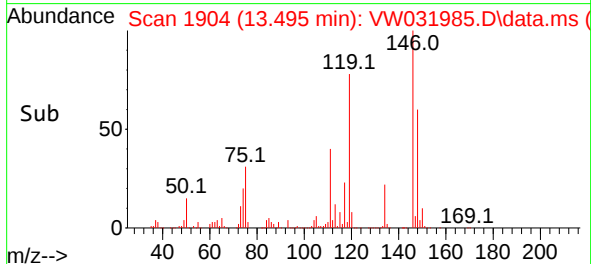
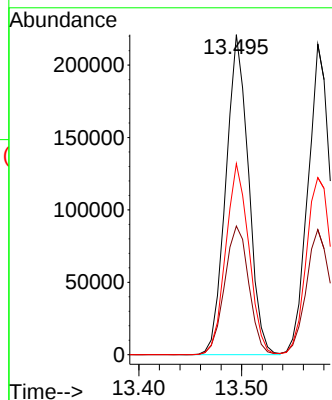
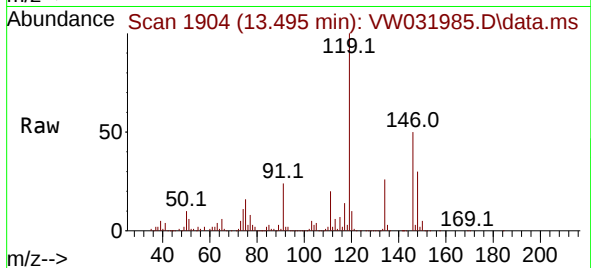
Tgt Ion:146 Resp: 337742

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.7

148 61.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.244 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

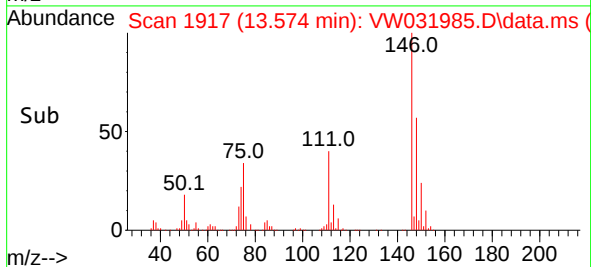
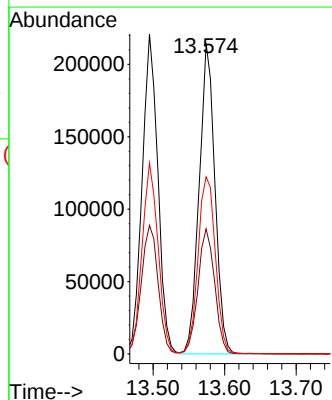
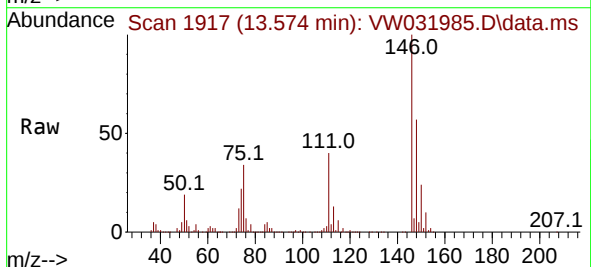
Tgt Ion:146 Resp: 328506

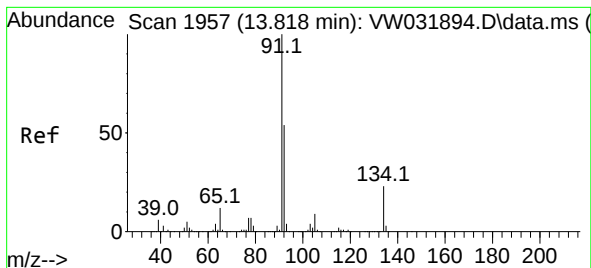
Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

148 62.6 31.8 95.3





#89

n-Butylbenzene

Concen: 45.780 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

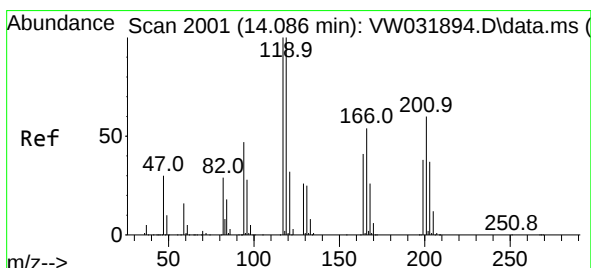
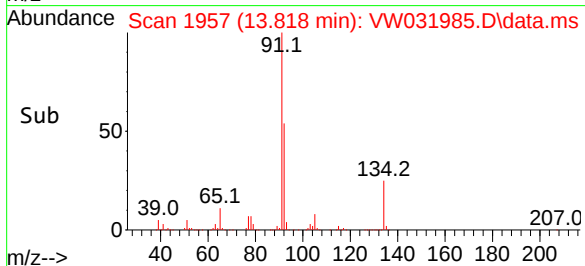
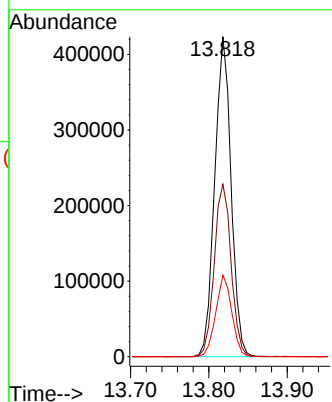
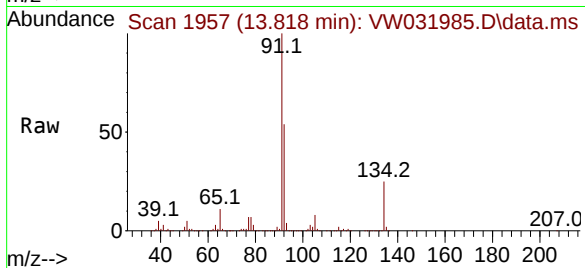
Tgt Ion: 91 Resp: 614609

Ion Ratio Lower Upper

91 100

92 55.4 27.2 81.5

134 24.9 11.6 34.7



#90

Hexachloroethane

Concen: 45.823 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031985.D

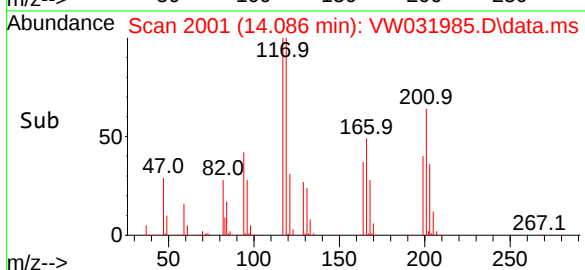
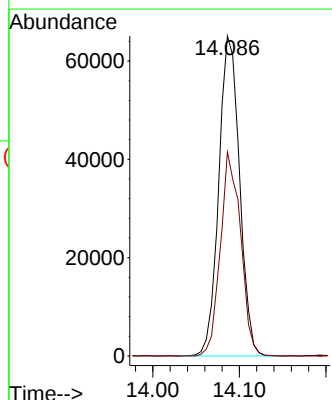
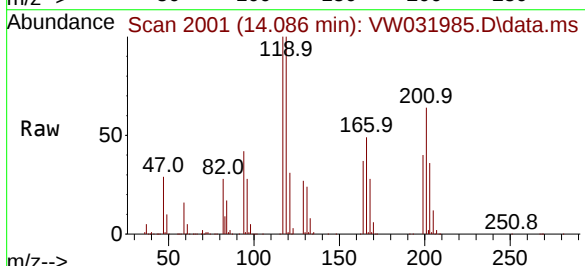
Acq: 01 Aug 2025 14:57

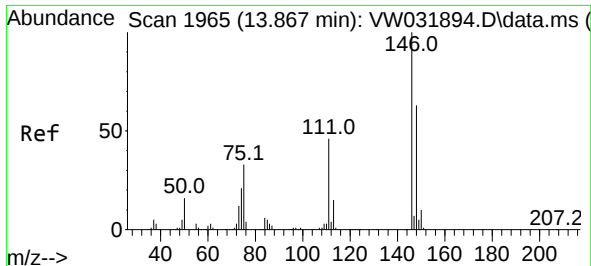
Tgt Ion: 117 Resp: 108440

Ion Ratio Lower Upper

117 100

201 62.1 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 48.979 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

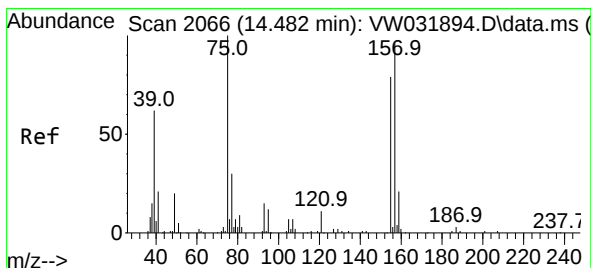
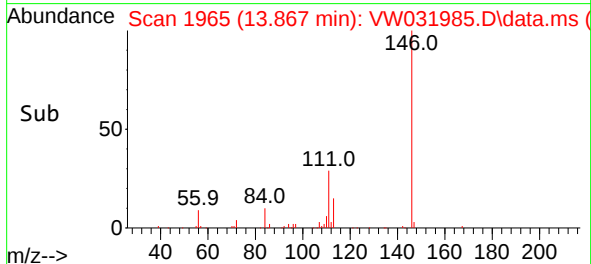
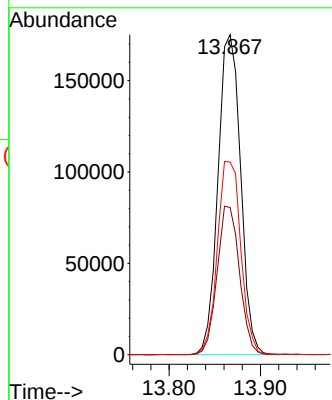
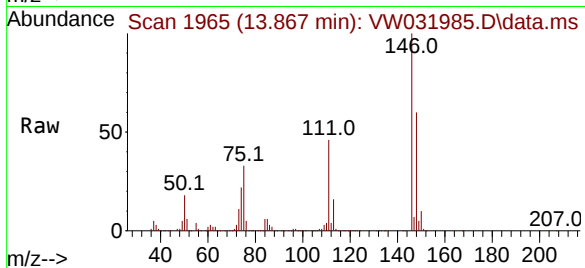
Tgt Ion:146 Resp: 301718

Ion Ratio Lower Upper

146 100

111 46.1 23.6 71.0

148 62.4 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.583 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW031985.D

Acq: 01 Aug 2025 14:57

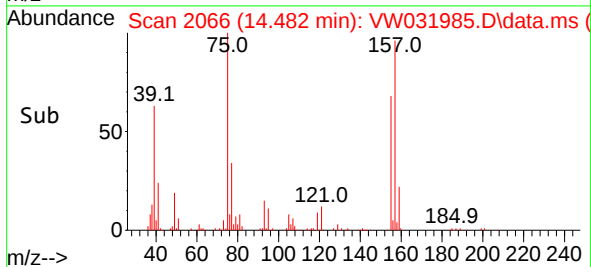
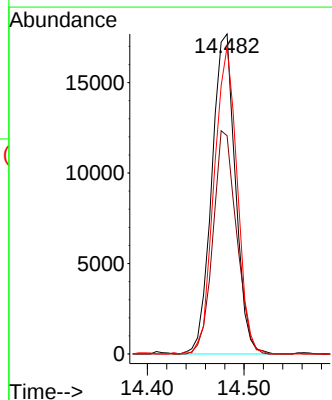
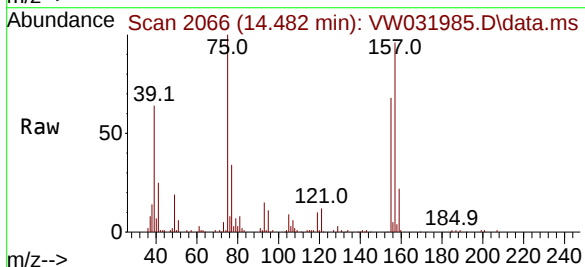
Tgt Ion: 75 Resp: 29937

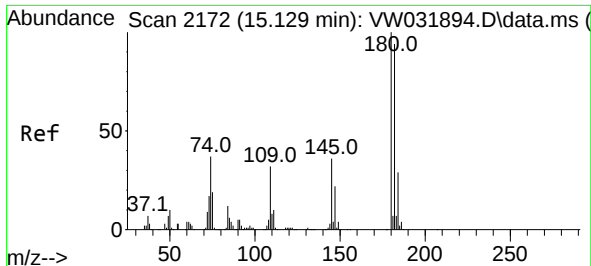
Ion Ratio Lower Upper

75 100

155 69.7 35.9 107.7

157 93.9 47.4 142.2

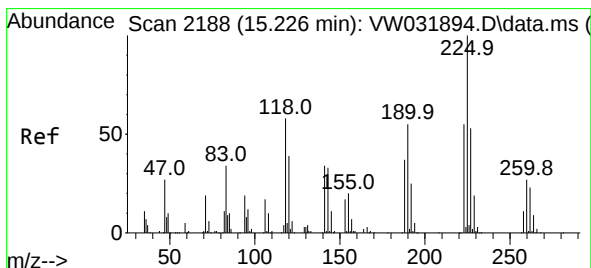
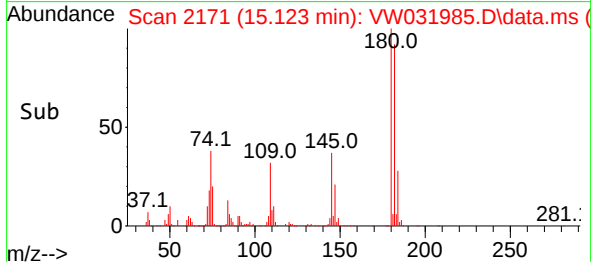
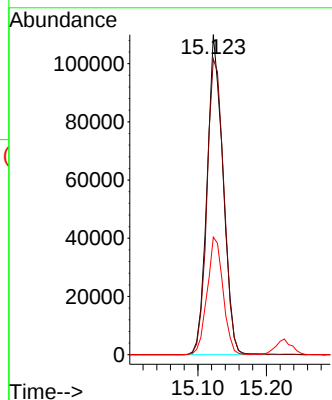
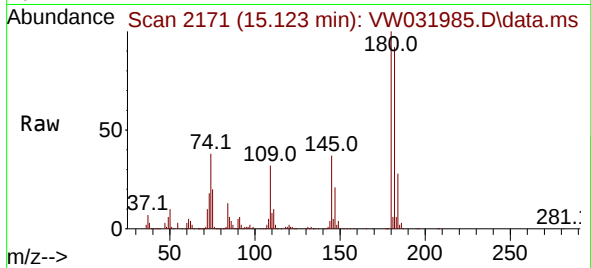




#93
1,2,4-Trichlorobenzene
Concen: 47.847 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

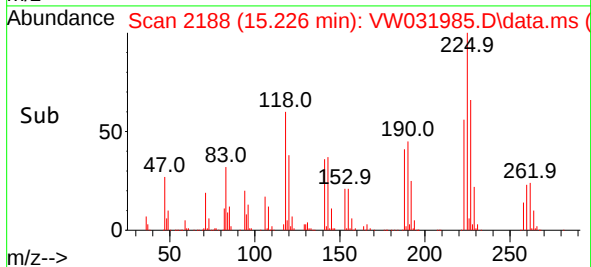
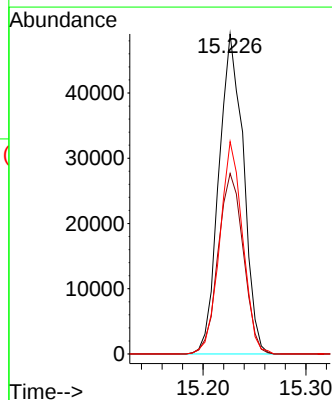
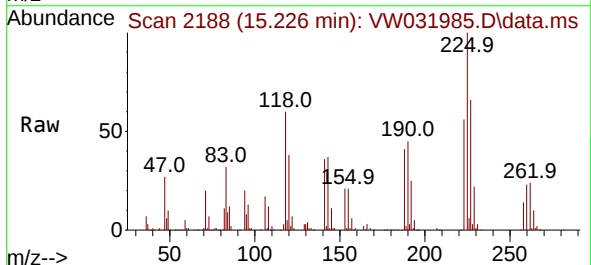
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

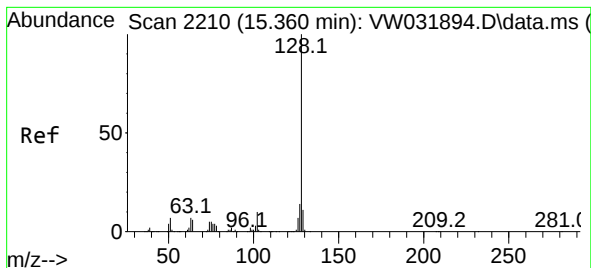
Tgt Ion:180 Resp: 177757
Ion Ratio Lower Upper
180 100
182 97.9 51.0 153.1
145 36.7 18.4 55.4



#94
Hexachlorobutadiene
Concen: 46.164 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:225 Resp: 81268
Ion Ratio Lower Upper
225 100
223 57.8 30.9 92.7
227 62.1 30.0 90.1

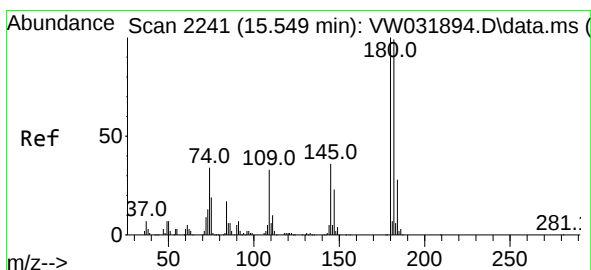
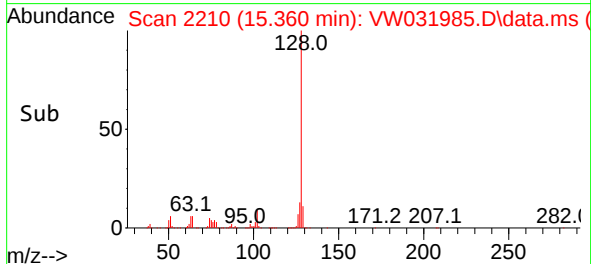
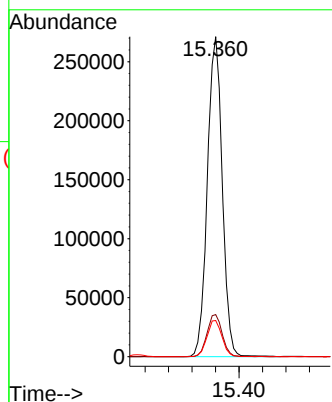
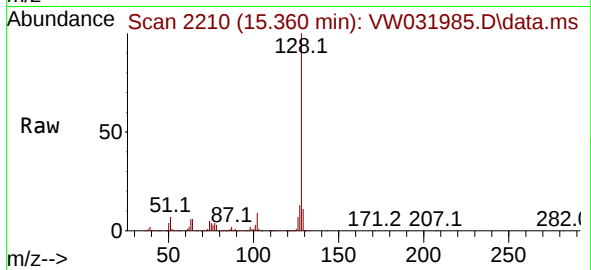




#95
Naphthalene
Concen: 52.274 ug/l
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 477448
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.4 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 49.060 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW031985.D
Acq: 01 Aug 2025 14:57

Tgt Ion:180 Resp: 165137
Ion Ratio Lower Upper
180 100
182 96.8 50.4 151.2
145 37.1 18.6 55.8

