

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023361.D
 Acq On : 12 Sep 2025 14:55
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 13 00:00:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	520156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	770130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	693958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	369307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	220381	48.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.440%
35) Dibromofluoromethane	7.634	113	235981	50.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.103	98	911323	51.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.402	95	294477	52.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	182055	43.626	ug/l	98
3) Chloromethane	2.068	50	271273	45.429	ug/l	100
4) Vinyl Chloride	2.202	62	370270	49.220	ug/l	99
5) Bromomethane	2.592	94	286850	46.699	ug/l	100
6) Chloroethane	2.733	64	250795	49.264	ug/l	97
7) Trichlorofluoromethane	3.056	101	470447	49.547	ug/l	100
8) Diethyl Ether	3.452	74	123253	49.059	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	240074	47.016	ug/l	97
10) Methyl Iodide	4.001	142	297461	49.938	ug/l	100
11) Tert butyl alcohol	4.860	59	70506	266.966	ug/l	100
12) 1,1-Dichloroethene	3.787	96	236005	48.045	ug/l	91
13) Acrolein	3.647	56	66716	149.425	ug/l	98
14) Allyl chloride	4.385	41	293948	47.371	ug/l	97
15) Acrylonitrile	5.055	53	245661	248.390	ug/l	98
16) Acetone	3.867	43	238801	229.369	ug/l	100
17) Carbon Disulfide	4.104	76	708670	45.568	ug/l	100
18) Methyl Acetate	4.385	43	122990	48.158	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	589489	51.038	ug/l	97
20) Methylene Chloride	4.616	84	262169	47.067	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	264075	48.115	ug/l	93
22) Diisopropyl ether	6.019	45	671357	48.581	ug/l	96
23) Vinyl Acetate	5.958	43	1899666	248.654	ug/l	96
24) 1,1-Dichloroethane	5.915	63	431015	47.685	ug/l	98
25) 2-Butanone	6.890	43	312350	243.759	ug/l	94
26) 2,2-Dichloropropane	6.884	77	382268	47.898	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	310974	50.034	ug/l	93
28) Bromochloromethane	7.244	49	163989	46.108	ug/l	86
29) Tetrahydrofuran	7.262	42	191110	251.444	ug/l	92
30) Chloroform	7.421	83	469715	48.365	ug/l	97
31) Cyclohexane	7.701	56	366280	45.794	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	421655	48.595	ug/l	98
36) 1,1-Dichloropropene	7.835	75	328357	48.973	ug/l	97
37) Ethyl Acetate	6.982	43	133885	50.197	ug/l	97
38) Carbon Tetrachloride	7.817	117	379129	49.142	ug/l	99
39) Methylcyclohexane	9.109	83	442103	51.542	ug/l	93
40) Benzene	8.079	78	1032434	49.539	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023361.D
 Acq On : 12 Sep 2025 14:55
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 13 00:00:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	69989	50.672	ug/l	89
42) 1,2-Dichloroethane	8.158	62	260900	49.170	ug/l	98
43) Isopropyl Acetate	8.195	43	263572	50.808	ug/l	95
44) Trichloroethene	8.866	130	293148	50.501	ug/l	96
45) 1,2-Dichloropropane	9.140	63	231301	49.143	ug/l	99
46) Dibromomethane	9.231	93	143775	50.160	ug/l	95
47) Bromodichloromethane	9.420	83	362039	50.206	ug/l	97
48) Methyl methacrylate	9.219	41	127571	52.759	ug/l	94
49) 1,4-Dioxane	9.225	88	32231	1107.733	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	702376	264.650	ug/l	96
52) Toluene	10.170	92	679954	51.412	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	318377	51.282	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	377931	50.944	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	192400	50.461	ug/l	98
56) Ethyl methacrylate	10.438	69	244737	55.403	ug/l	95
57) 1,3-Dichloropropane	10.713	76	313694	50.678	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	558938	290.313	ug/l	94
59) 2-Hexanone	10.756	43	485516	264.630	ug/l	97
60) Dibromochloromethane	10.908	129	267864	51.778	ug/l	100
61) 1,2-Dibromoethane	11.012	107	185888	52.028	ug/l	100
64) Tetrachloroethene	10.646	164	360888	52.178	ug/l	97
65) Chlorobenzene	11.438	112	760449	50.020	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	266343	49.913	ug/l	99
67) Ethyl Benzene	11.518	91	1276530	51.396	ug/l	97
68) m/p-Xylenes	11.627	106	1022339	102.796	ug/l	96
69) o-Xylene	11.950	106	478388	51.961	ug/l	98
70) Styrene	11.969	104	807776	52.940	ug/l	97
71) Bromoform	12.127	173	161766	50.906	ug/l #	99
73) Isopropylbenzene	12.249	105	1240712	49.875	ug/l	99
74) N-amyl acetate	12.066	43	241585	51.377	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.499	83	197094	47.208	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	272693	72.914	ug/l #	100
77) Bromobenzene	12.530	156	311192	48.964	ug/l	92
78) n-propylbenzene	12.591	91	1466394	50.013	ug/l	98
79) 2-Chlorotoluene	12.676	91	828742	49.074	ug/l	97
80) 1,3,5-Trimethylbenzene	12.731	105	1016574	50.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	67387	49.138	ug/l	96
82) 4-Chlorotoluene	12.773	91	849995	48.103	ug/l	96
83) tert-Butylbenzene	12.993	119	915143	49.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1010442	50.483	ug/l	98
85) sec-Butylbenzene	13.170	105	1346730	50.511	ug/l	99
86) p-Isopropyltoluene	13.286	119	1153887	51.235	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	611399	48.615	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	597475	47.965	ug/l	99
89) n-Butylbenzene	13.615	91	1014294	50.782	ug/l	99
90) Hexachloroethane	13.877	117	233503	47.824	ug/l	95
91) 1,2-Dichlorobenzene	13.651	146	537997	49.064	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	31492	48.072	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	322301	50.390	ug/l	99
94) Hexachlorobutadiene	15.017	225	192335	48.635	ug/l	99
95) Naphthalene	15.139	128	545150	53.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	279996	50.406	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
Data File : VY023361.D
Acq On : 12 Sep 2025 14:55
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

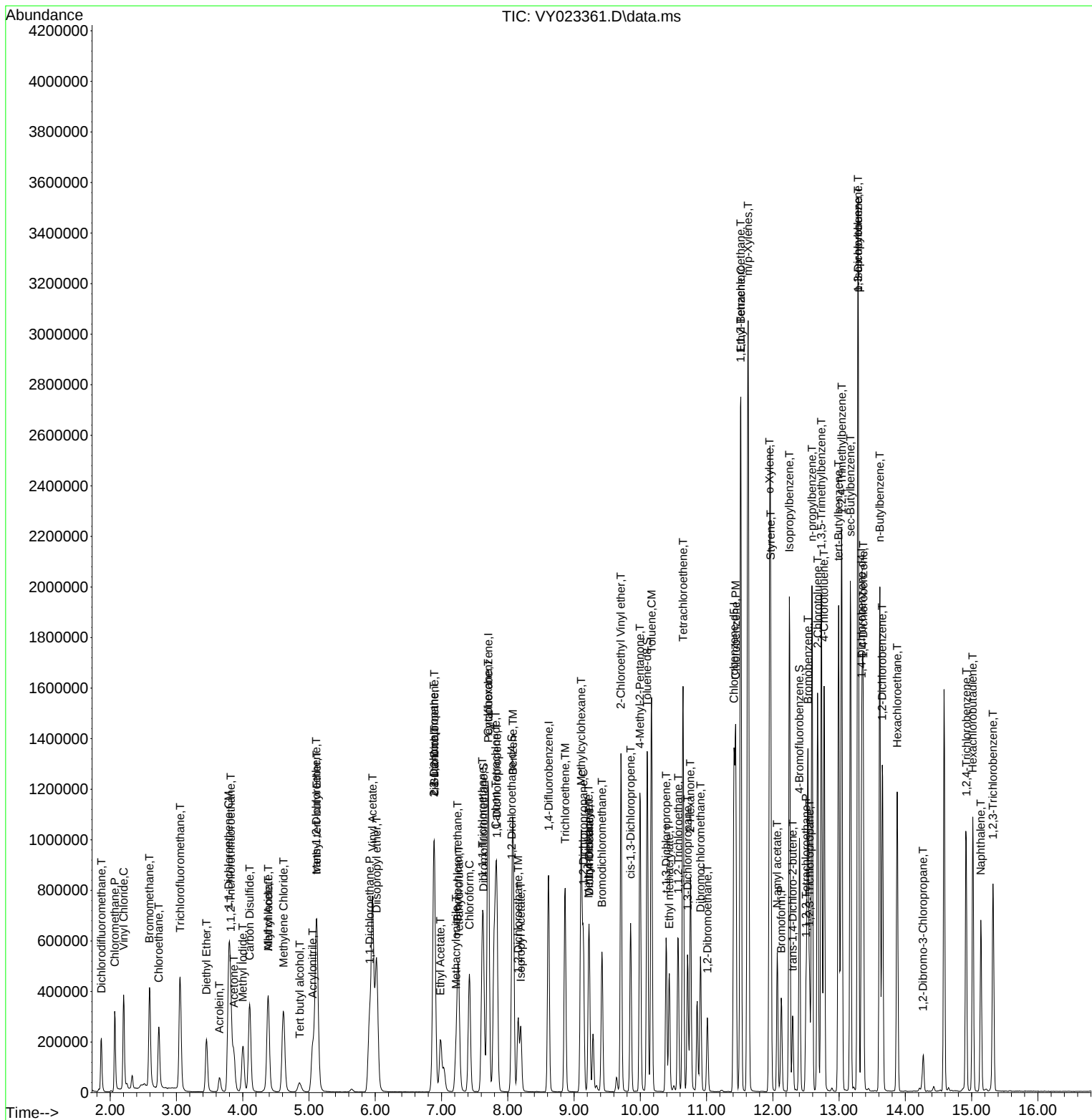
Quant Time: Sep 13 00:00:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

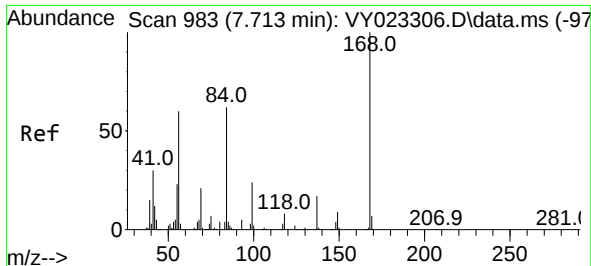
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 13 00:00:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 2025
Response via : Initial Calibration

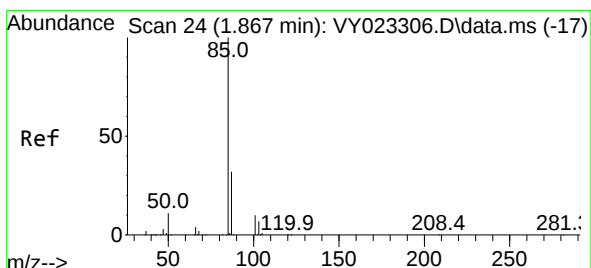
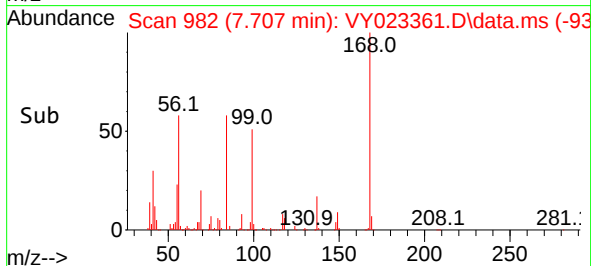
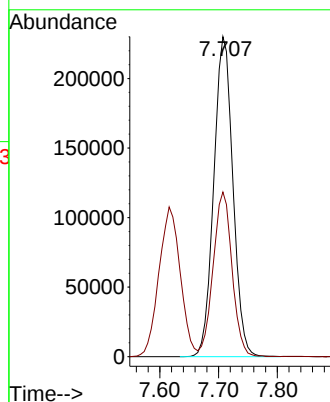
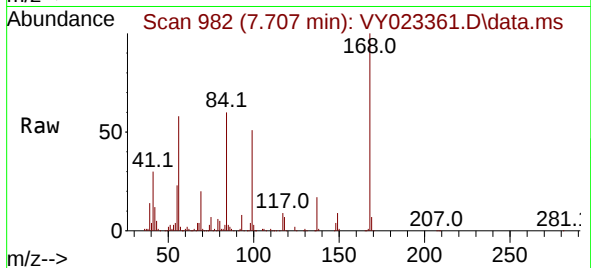




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

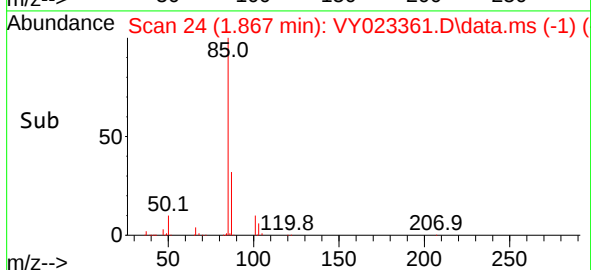
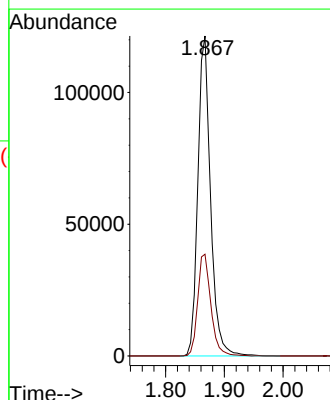
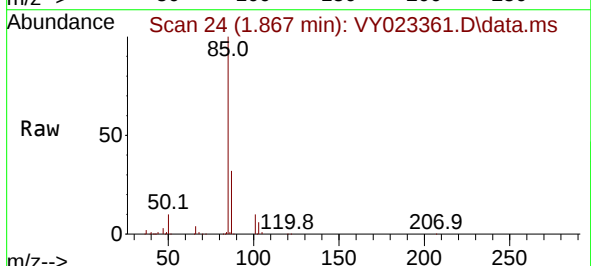
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

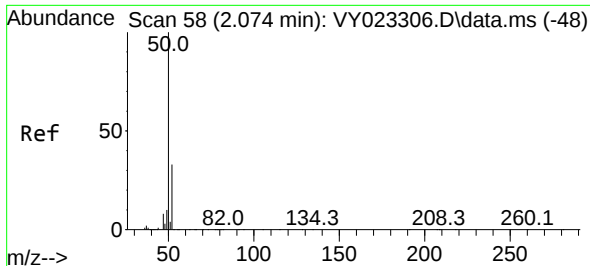
Tgt Ion:168 Resp: 520156
Ion Ratio Lower Upper
168 100
99 51.4 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 43.626 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 85 Resp: 182055
Ion Ratio Lower Upper
85 100
87 31.8 16.6 49.8

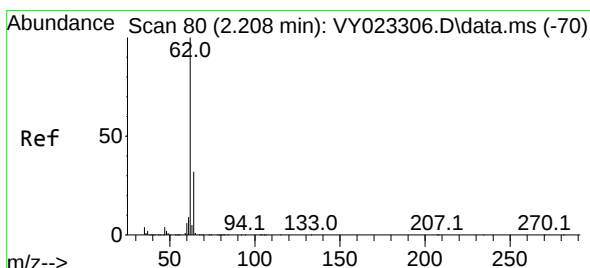
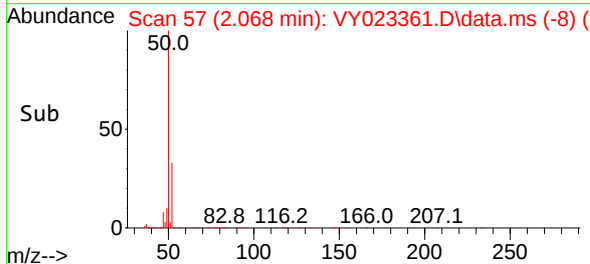
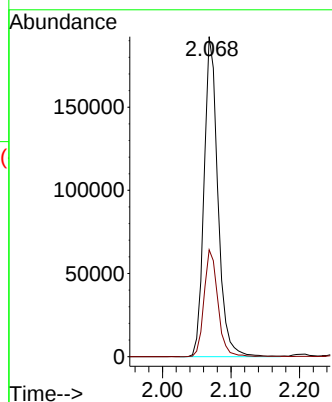
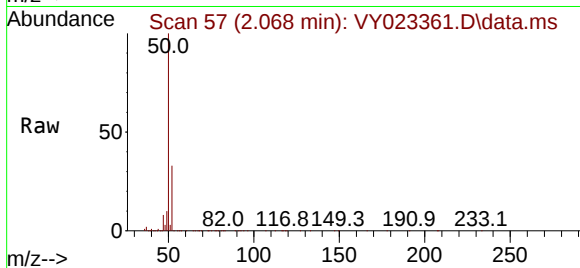




#3
Chloromethane
Concen: 45.429 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

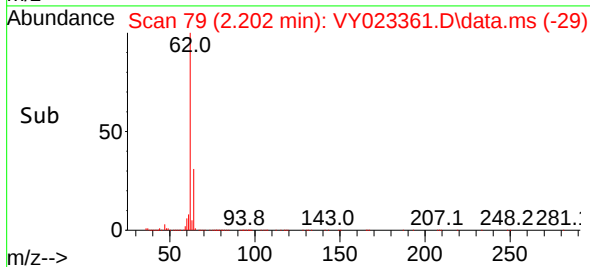
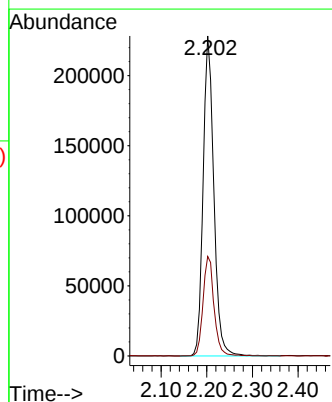
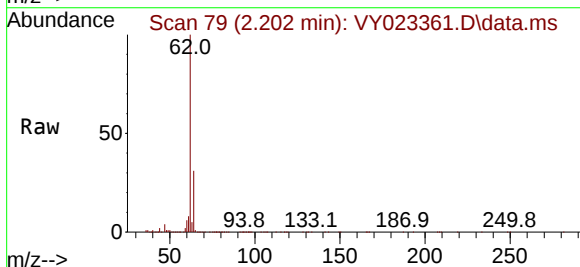
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

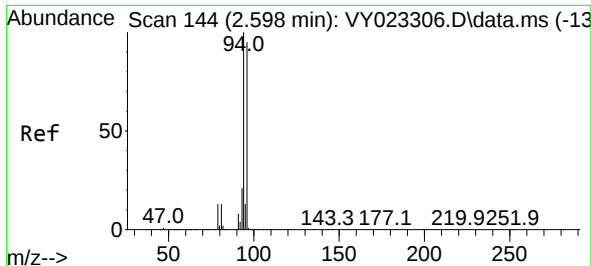
Tgt Ion: 50 Resp: 271273
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 49.220 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 62 Resp: 370270
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0

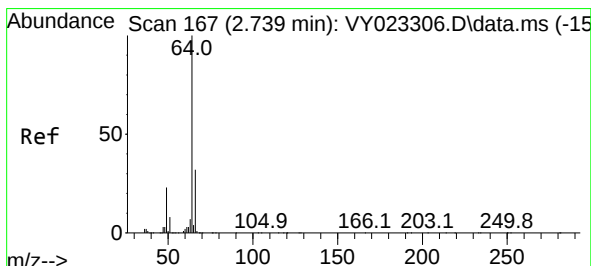
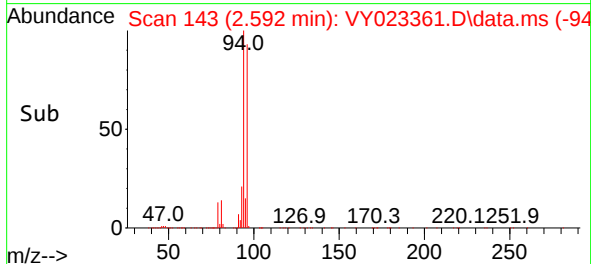
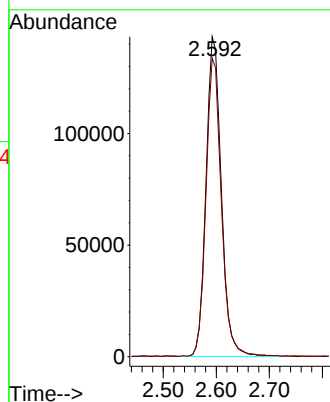
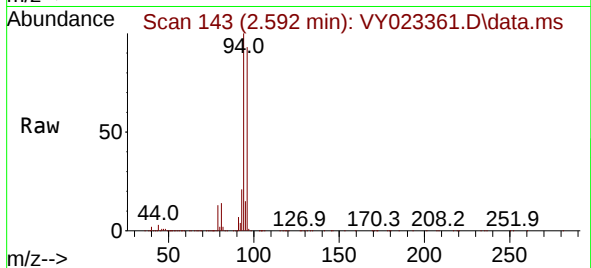




#5
Bromomethane
Concen: 46.699 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

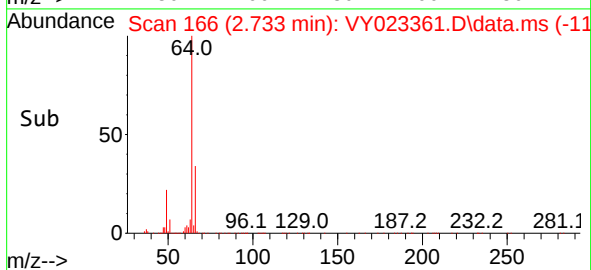
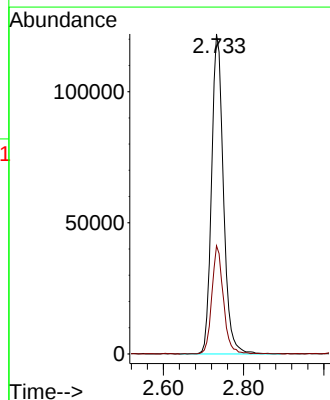
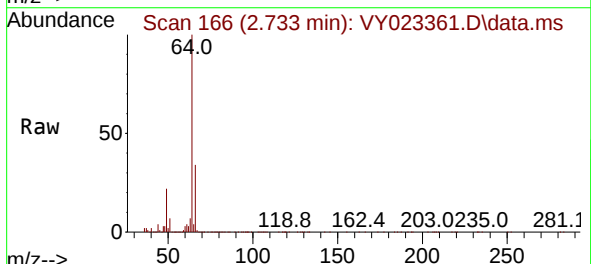
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

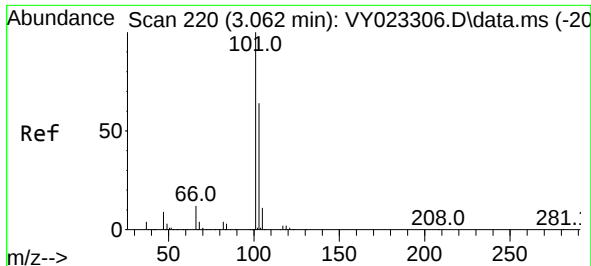
Tgt Ion: 94 Resp: 286850
Ion Ratio Lower Upper
94 100
96 93.3 74.6 112.0



#6
Chloroethane
Concen: 49.264 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 64 Resp: 250795
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6

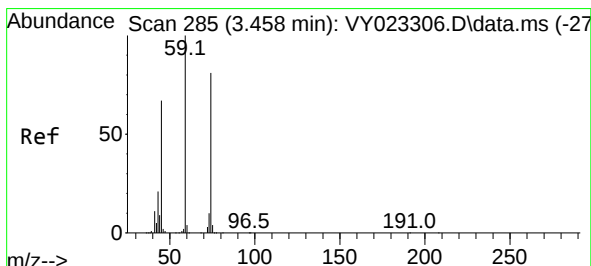
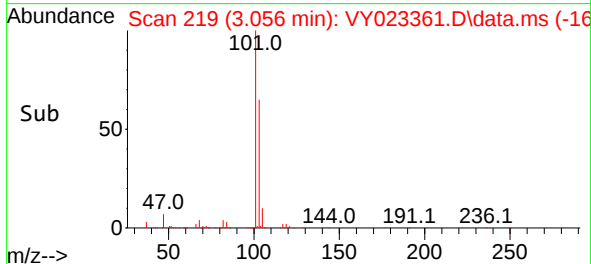
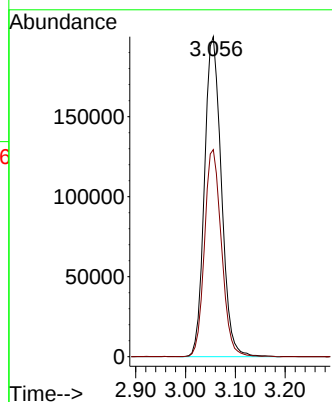
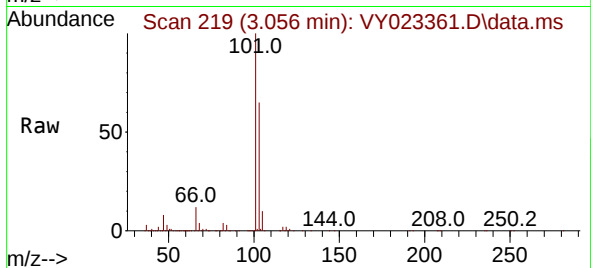




#7
 Trichlorofluoromethane
 Concen: 49.547 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

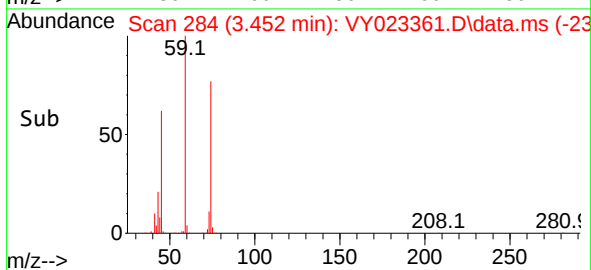
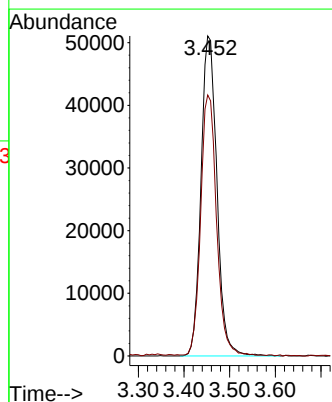
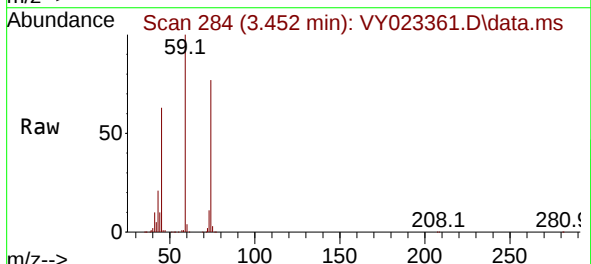
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

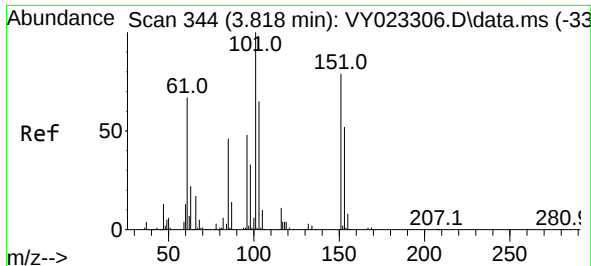
Tgt Ion:101 Resp: 470447
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.059 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

Tgt Ion: 74 Resp: 123253
 Ion Ratio Lower Upper
 74 100
 45 81.2 44.4 133.2

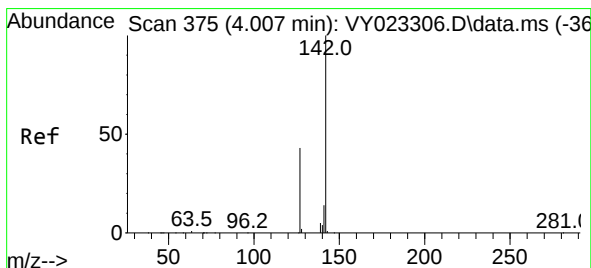
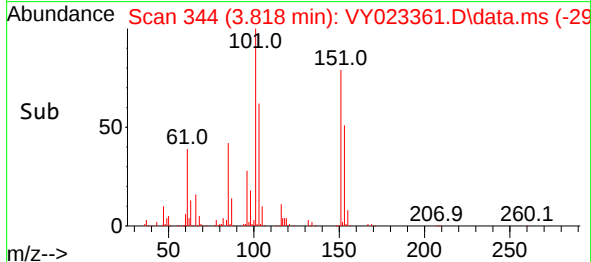
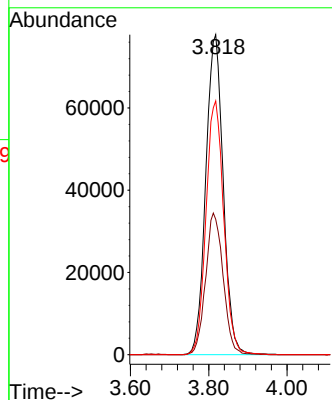
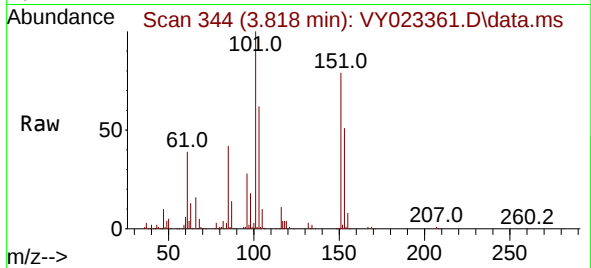




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.016 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

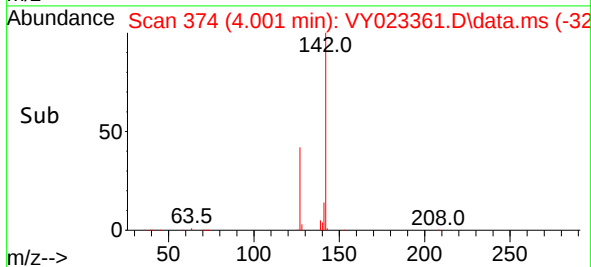
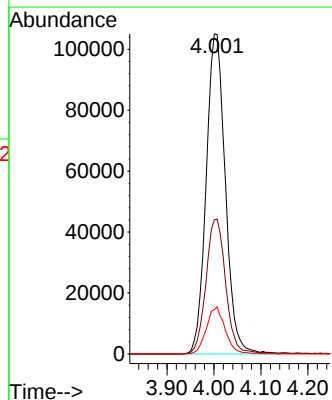
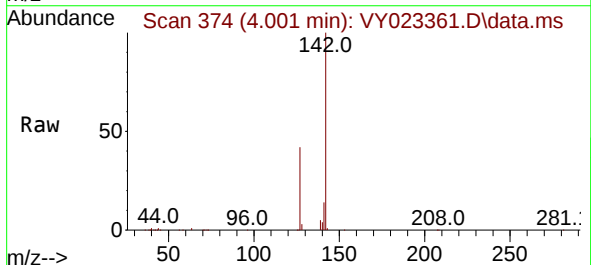
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

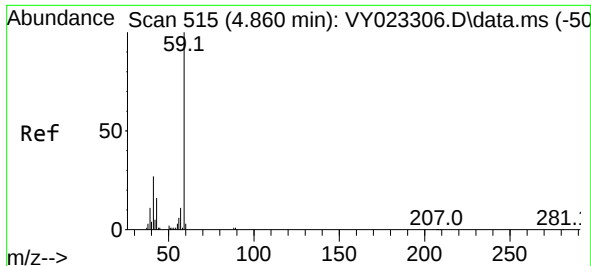
Tgt Ion:101 Resp: 240074
Ion Ratio Lower Upper
101 100
85 44.6 36.3 54.5
151 80.8 61.5 92.3



#10
Methyl Iodide
Concen: 49.938 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:142 Resp: 297461
Ion Ratio Lower Upper
142 100
127 43.4 34.9 52.3
141 14.4 11.3 16.9

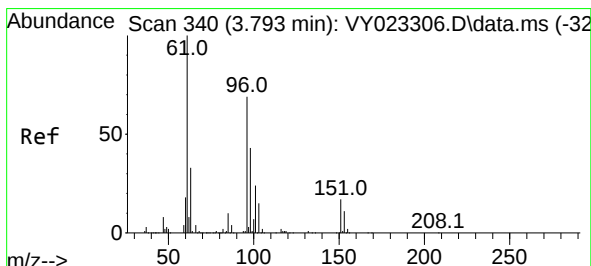
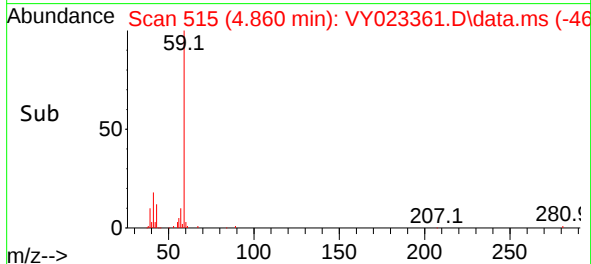
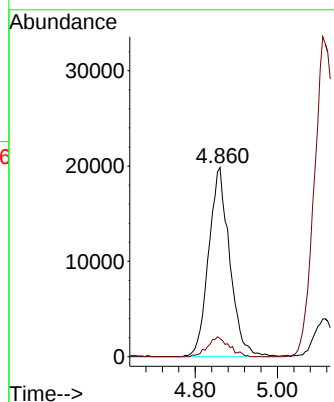
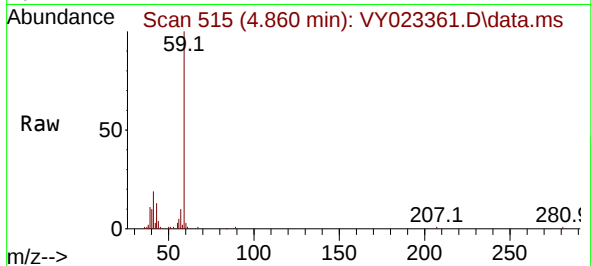




#11
Tert butyl alcohol
Concen: 266.966 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

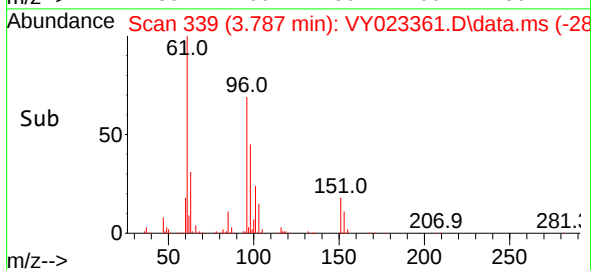
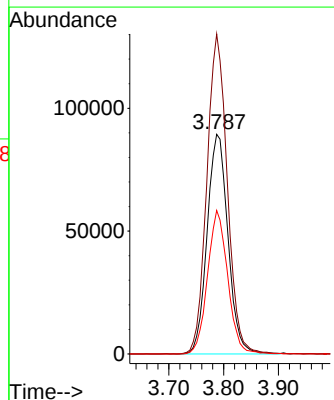
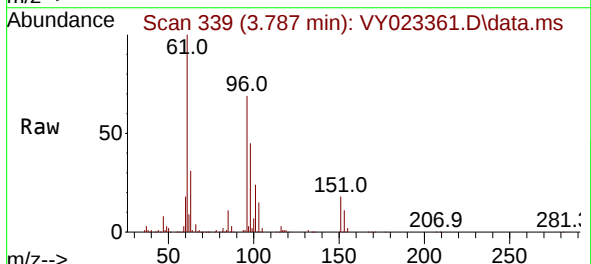
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

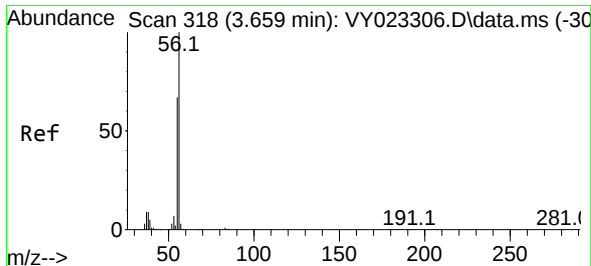
Tgt Ion: 59 Resp: 70506
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 48.045 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 96 Resp: 236005
Ion Ratio Lower Upper
96 100
61 145.6 129.4 194.2
98 65.3 52.8 79.2

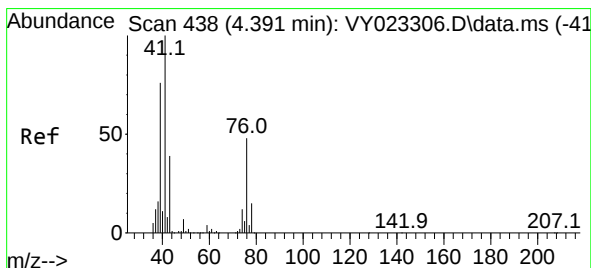
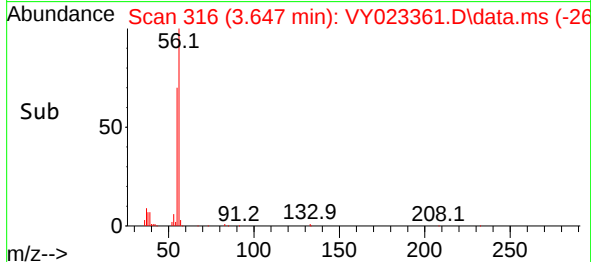
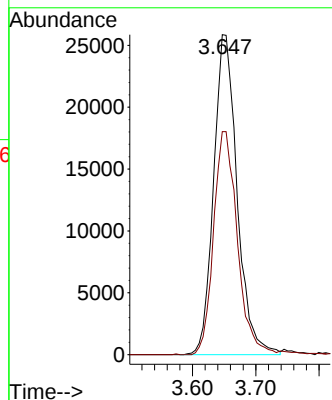
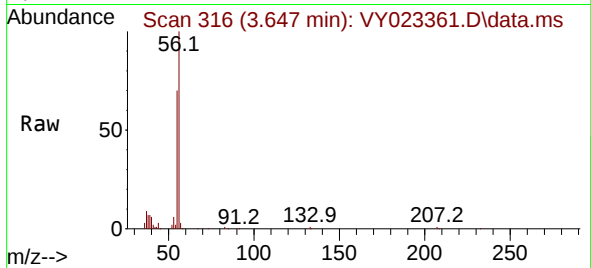




#13
Acrolein
Concen: 149.425 ug/l
RT: 3.647 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

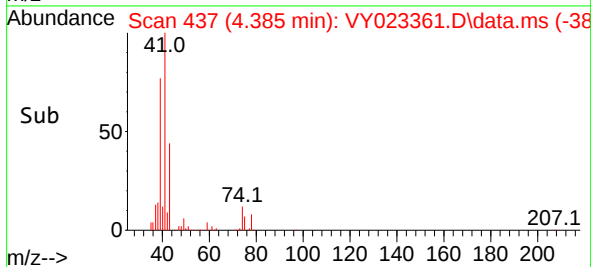
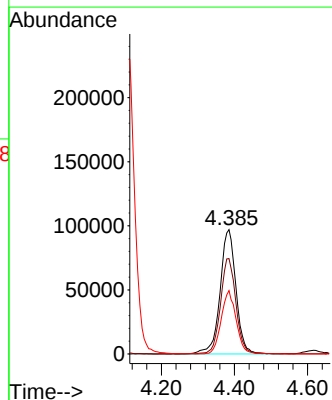
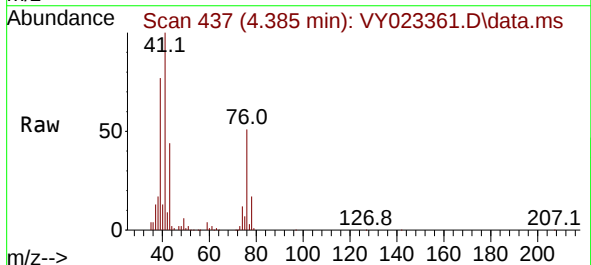
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

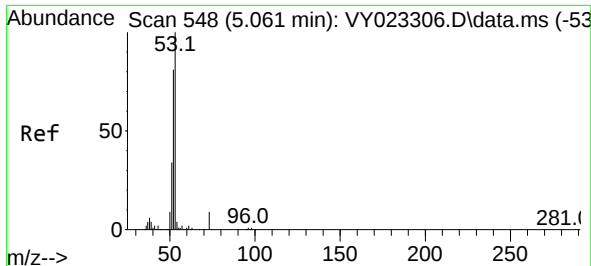
Tgt Ion: 56 Resp: 66716
Ion Ratio Lower Upper
56 100
55 70.4 55.2 82.8



#14
Allyl chloride
Concen: 47.371 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 41 Resp: 293948
Ion Ratio Lower Upper
41 100
39 74.4 59.8 89.6
76 47.8 33.7 50.5

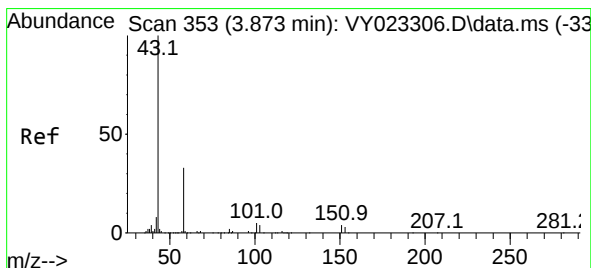
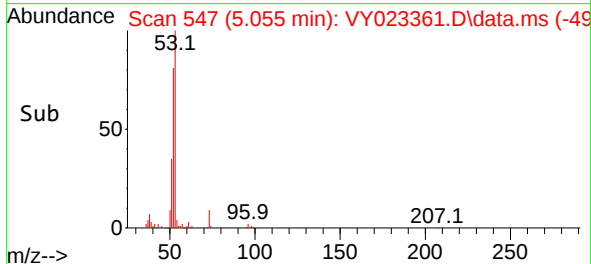
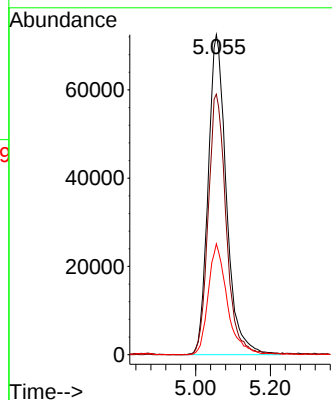
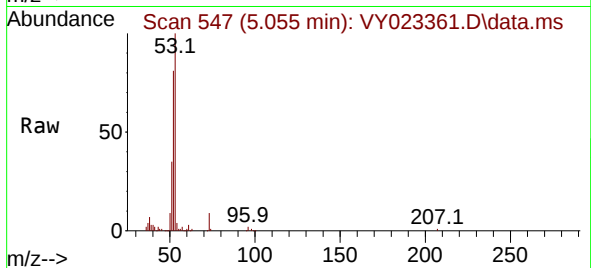




#15
Acrylonitrile
Concen: 248.390 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

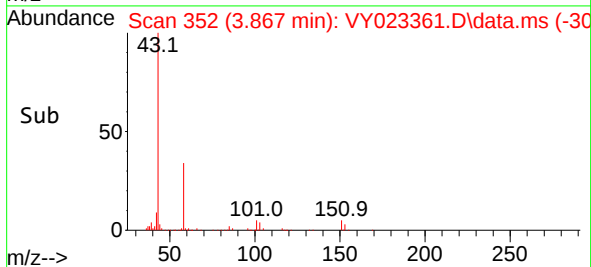
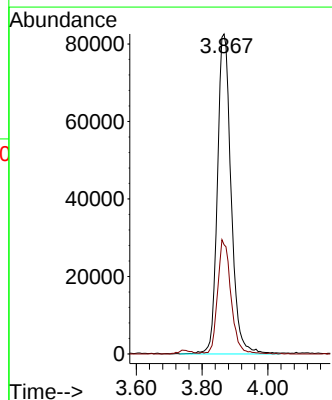
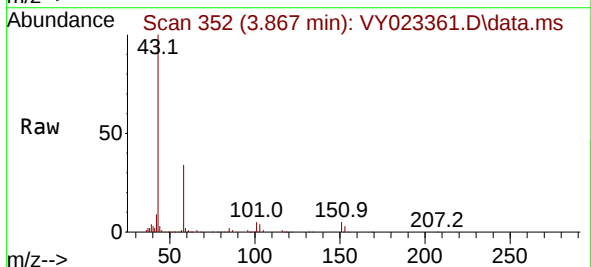
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

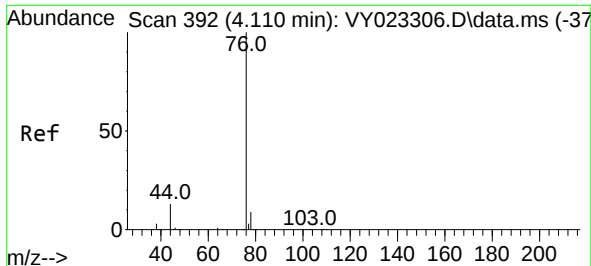
Tgt Ion: 53 Resp: 245661
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.9 29.5 44.3



#16
Acetone
Concen: 229.369 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 43 Resp: 238801
Ion Ratio Lower Upper
43 100
58 34.0 27.1 40.7

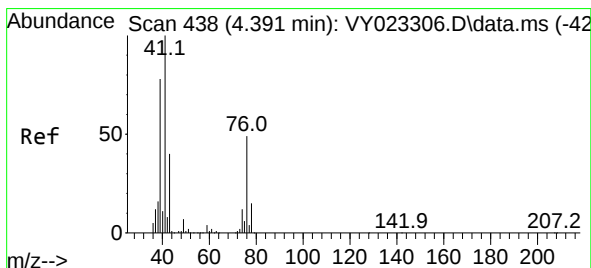
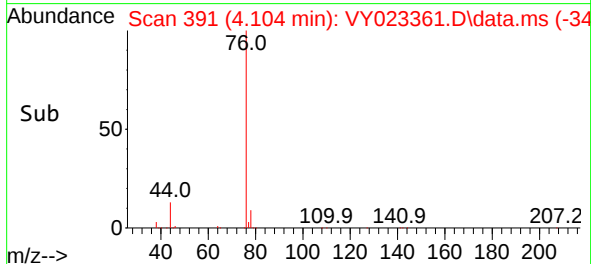
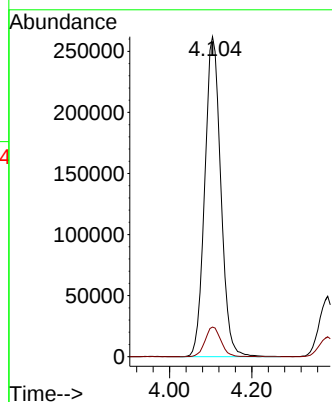
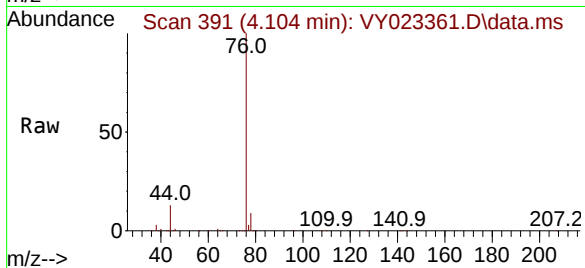




#17
Carbon Disulfide
Concen: 45.568 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

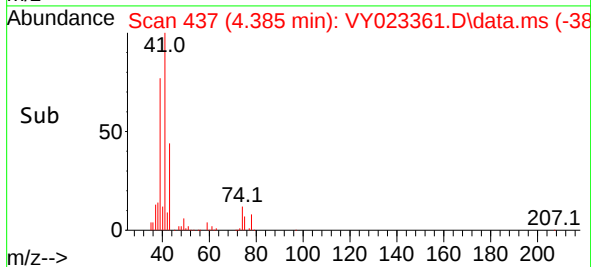
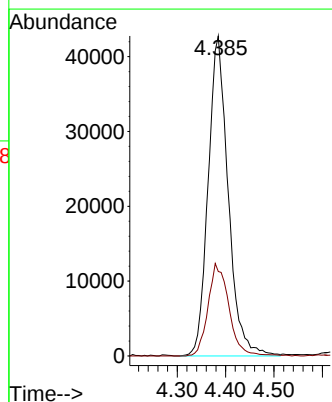
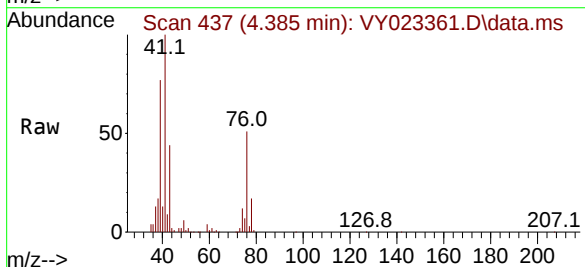
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

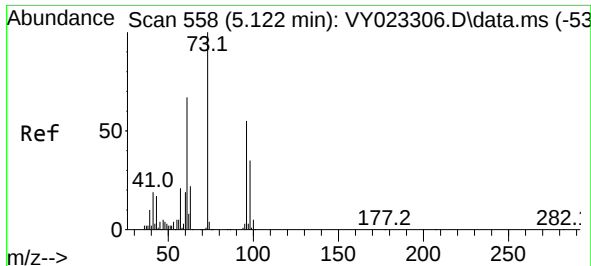
Tgt Ion: 76 Resp: 708670
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 48.158 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 43 Resp: 122990
Ion Ratio Lower Upper
43 100
74 30.1 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 51.038 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

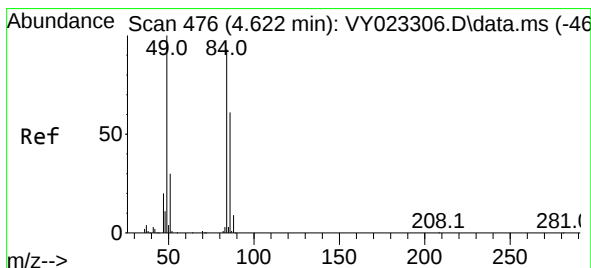
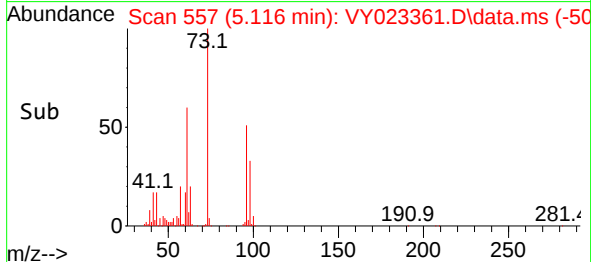
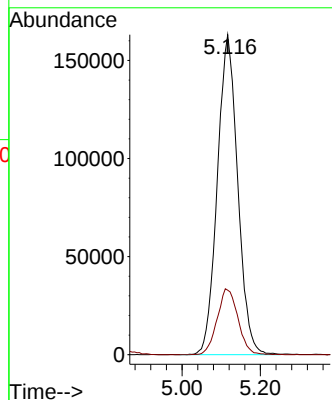
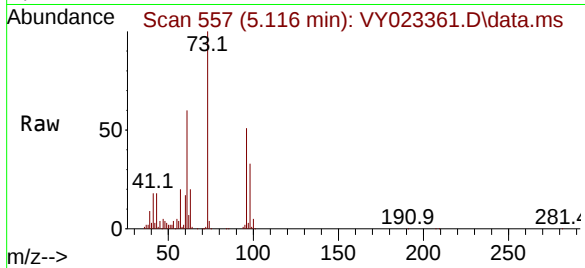
VSTDCCC050EC

Tgt Ion: 73 Resp: 589489

Ion Ratio Lower Upper

73 100

57 20.1 17.1 25.7



#20

Methylene Chloride

Concen: 47.067 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Tgt Ion: 84 Resp: 262169

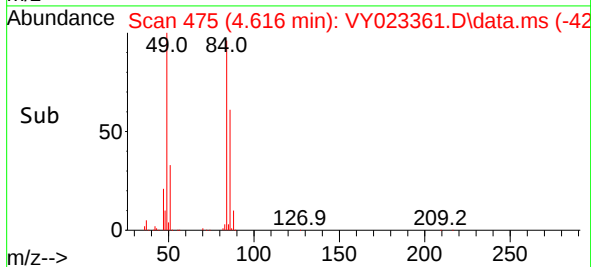
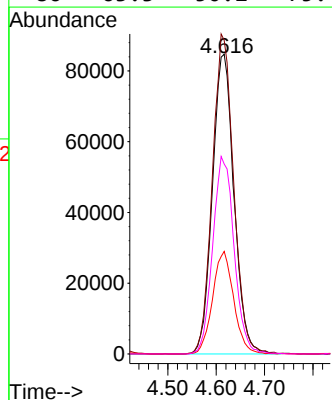
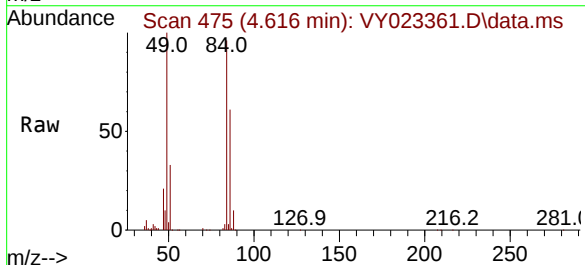
Ion Ratio Lower Upper

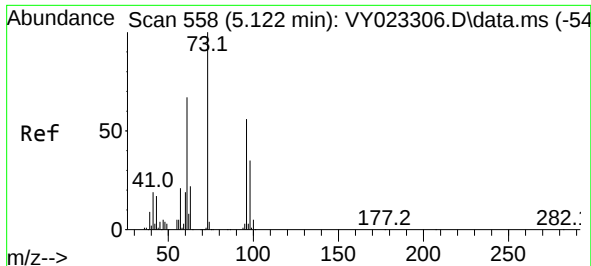
84 100

49 104.6 93.0 139.6

51 34.2 29.0 43.4

86 63.3 50.2 75.4

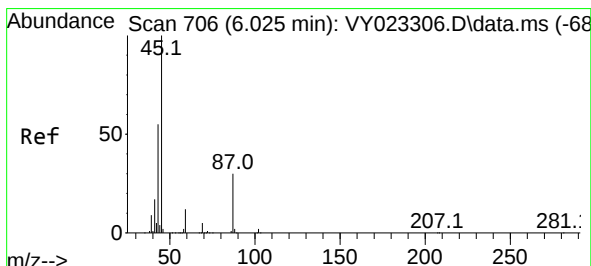
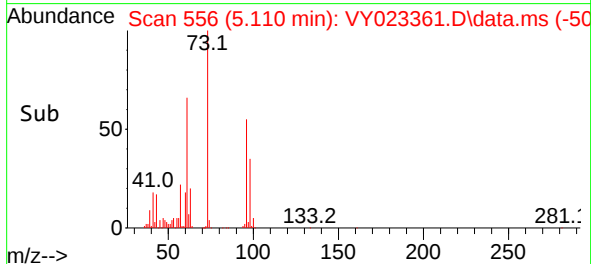
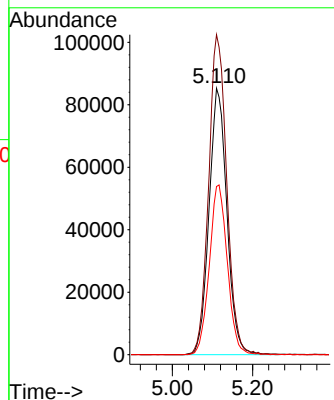
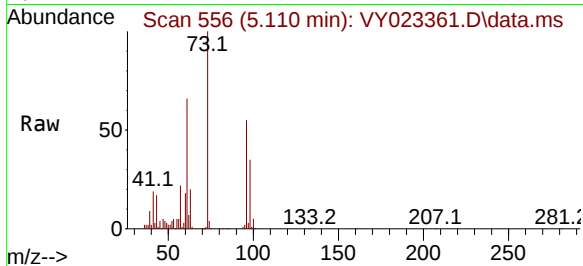




#21
trans-1,2-Dichloroethene
Concen: 48.115 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

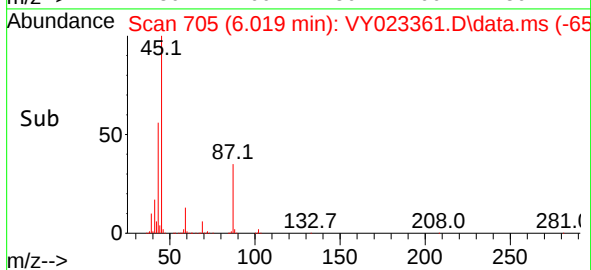
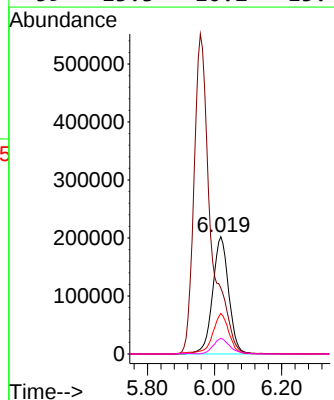
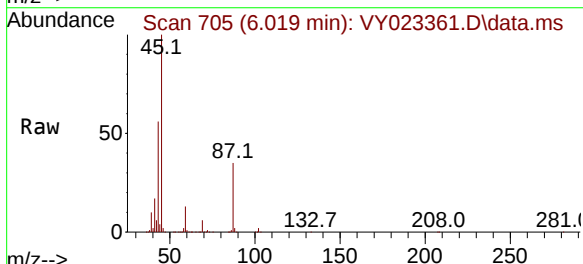
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

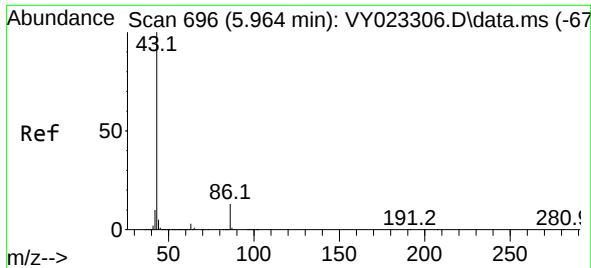
Tgt Ion: 96 Resp: 264075
Ion Ratio Lower Upper
96 100
61 120.1 104.8 157.2
98 63.1 50.1 75.1



#22
Diisopropyl ether
Concen: 48.581 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 45 Resp: 671357
Ion Ratio Lower Upper
45 100
43 55.9 43.4 65.0
87 34.5 24.4 36.6
59 13.3 10.2 15.4

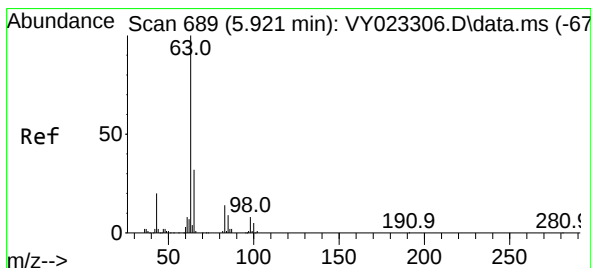
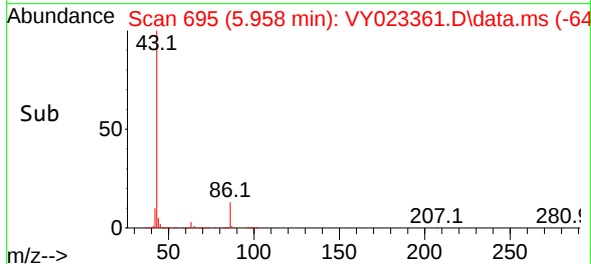
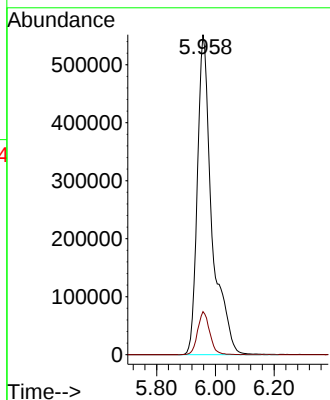
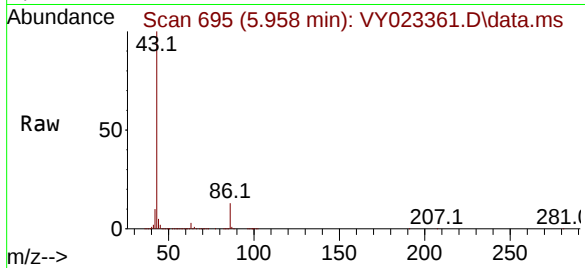




#23
 Vinyl Acetate
 Concen: 248.654 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

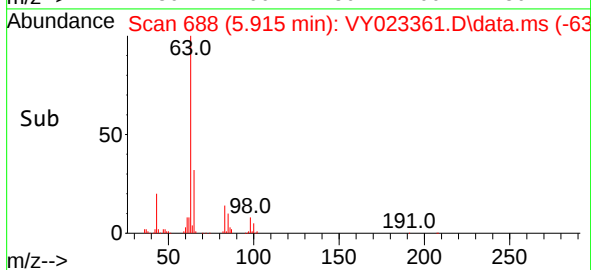
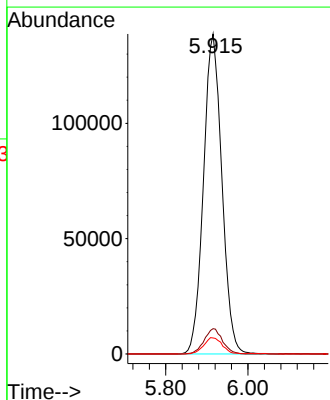
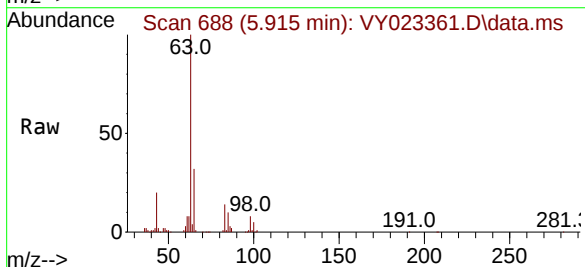
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

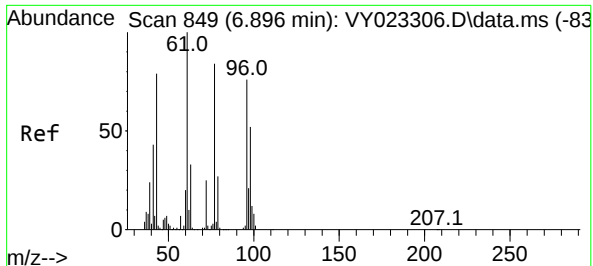
Tgt Ion: 43 Resp: 1899666
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 47.685 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

Tgt Ion: 63 Resp: 431015
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 243.759 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

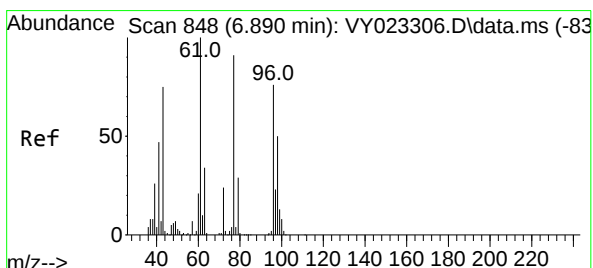
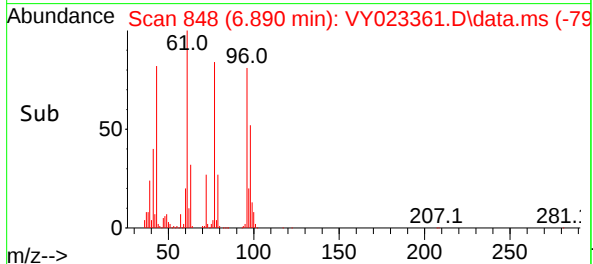
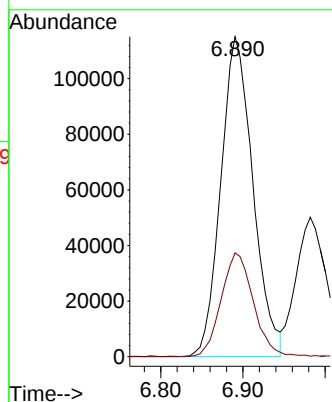
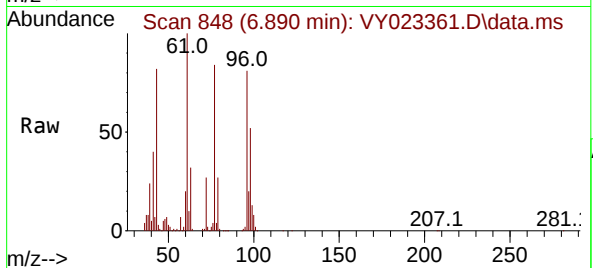
VSTDCCC050EC

Tgt Ion: 43 Resp: 312350

Ion Ratio Lower Upper

43 100

72 32.5 23.5 35.3



#26

2,2-Dichloropropane

Concen: 47.898 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023361.D

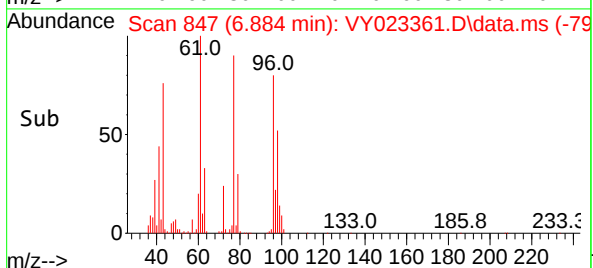
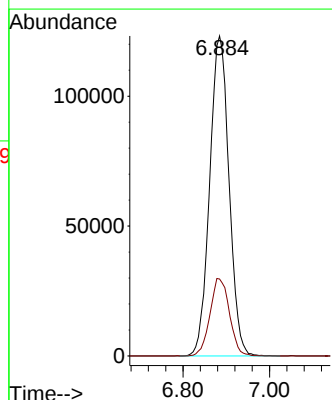
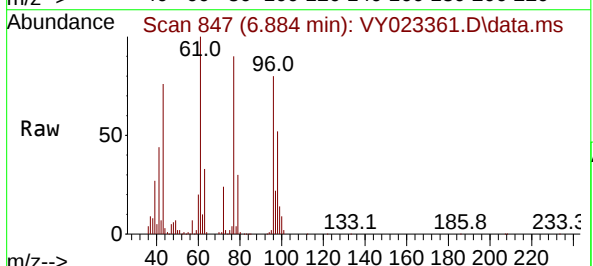
Acq: 12 Sep 2025 14:55

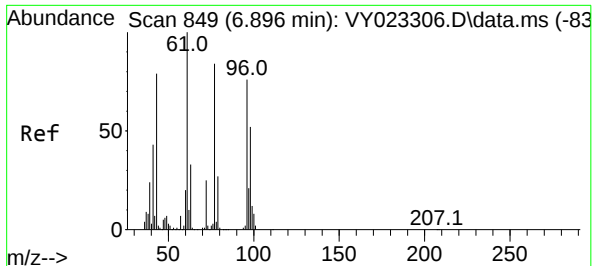
Tgt Ion: 77 Resp: 382268

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.034 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

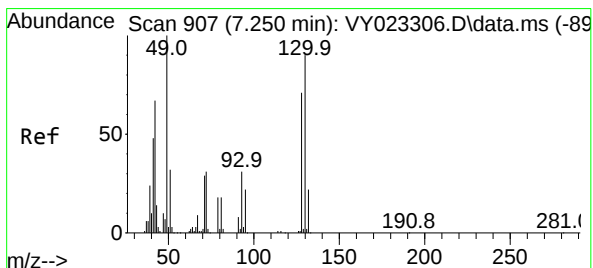
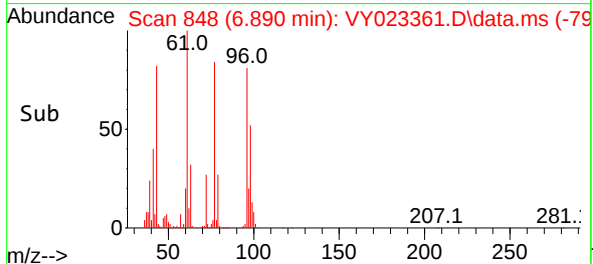
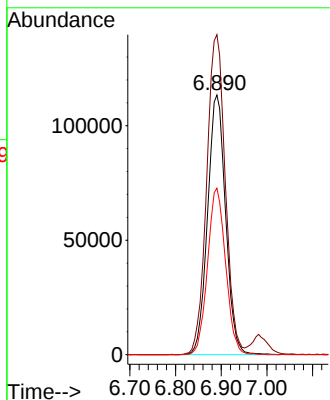
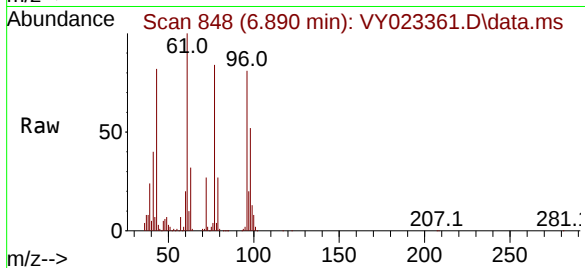
Tgt Ion: 96 Resp: 310974

Ion Ratio Lower Upper

96 100

61 127.4 0.0 278.6

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 46.108 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

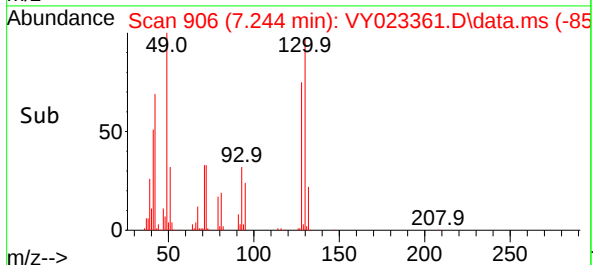
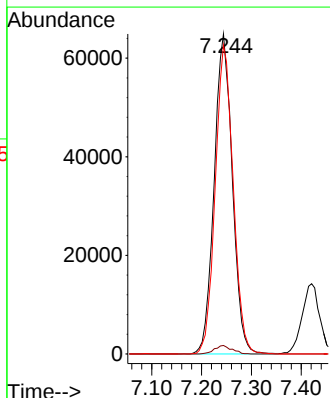
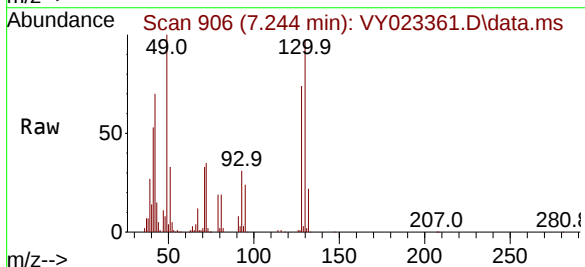
Tgt Ion: 49 Resp: 163989

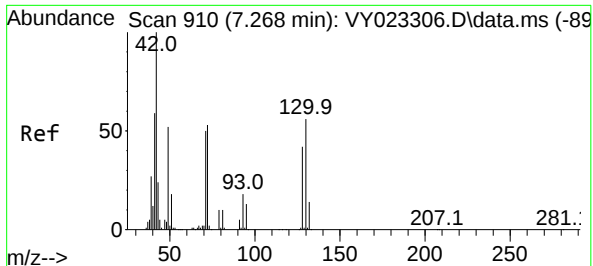
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 95.5 66.4 99.6





#29

Tetrahydrofuran

Concen: 251.444 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

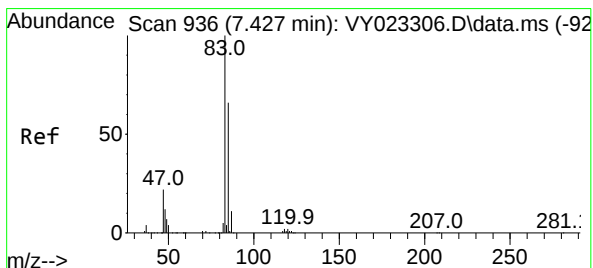
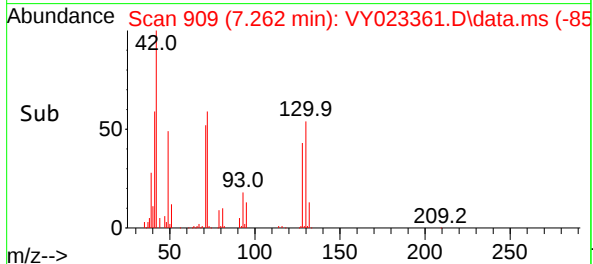
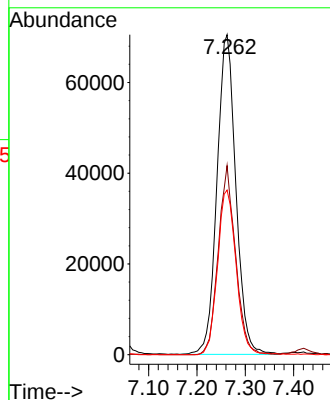
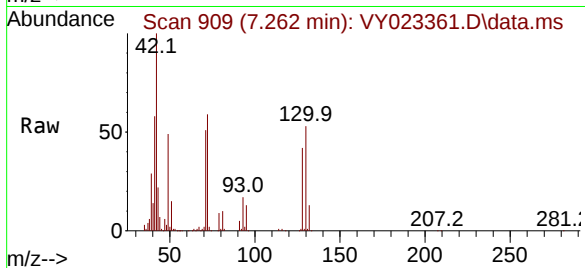
Tgt Ion: 42 Resp: 191110

Ion Ratio Lower Upper

42 100

72 54.4 39.4 59.2

71 50.6 36.5 54.7



#30

Chloroform

Concen: 48.365 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023361.D

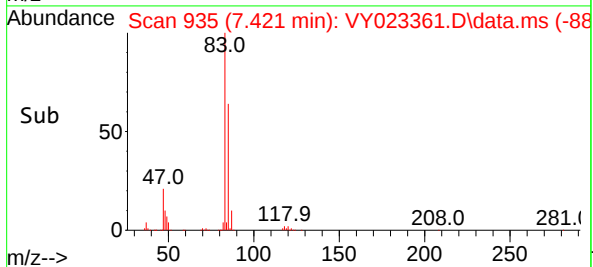
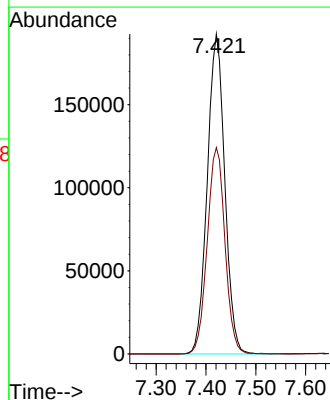
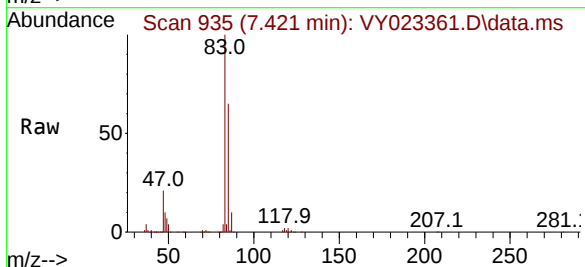
Acq: 12 Sep 2025 14:55

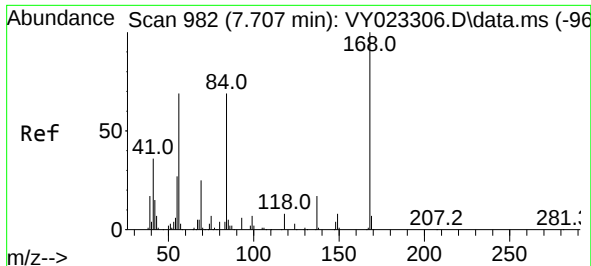
Tgt Ion: 83 Resp: 469715

Ion Ratio Lower Upper

83 100

85 64.5 53.8 80.8

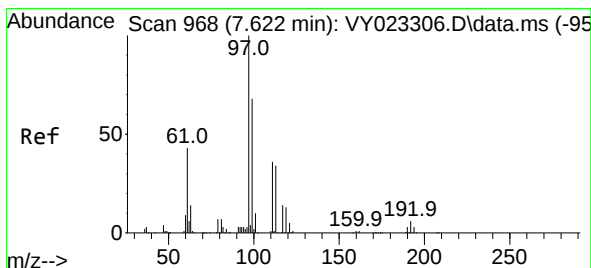
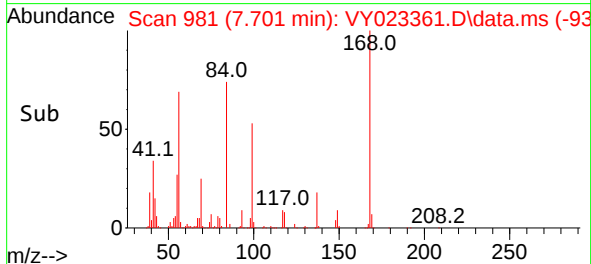
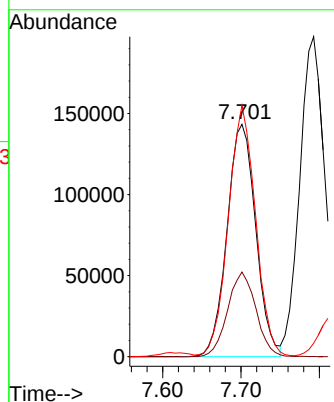
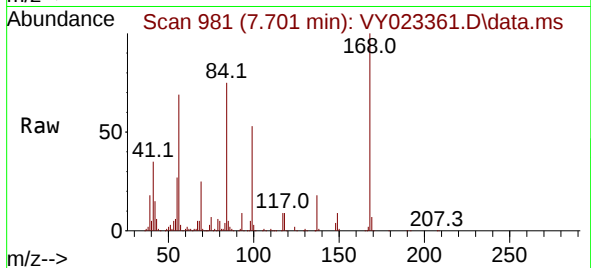




#31
Cyclohexane
Concen: 45.794 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

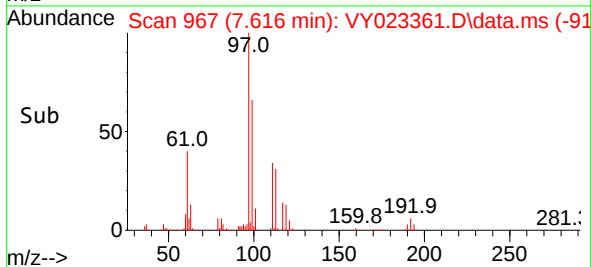
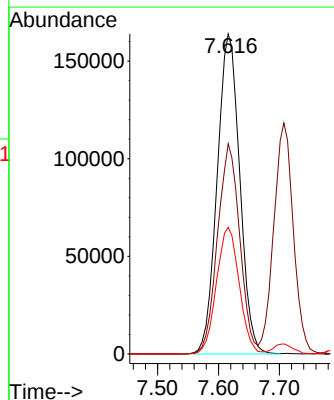
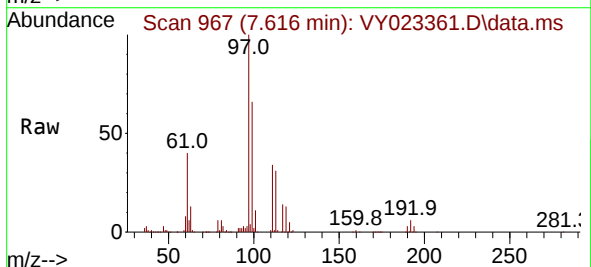
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

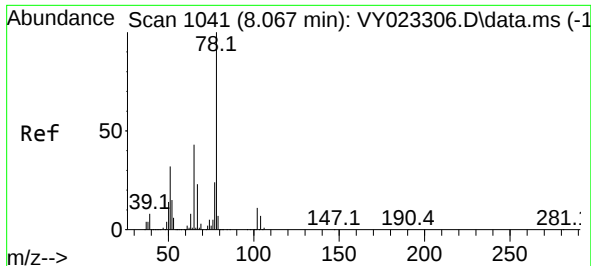
Tgt Ion: 56 Resp: 366280
Ion Ratio Lower Upper
56 100
69 36.4 28.2 42.2
84 106.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.595 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 97 Resp: 421655
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 39.9 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.216 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

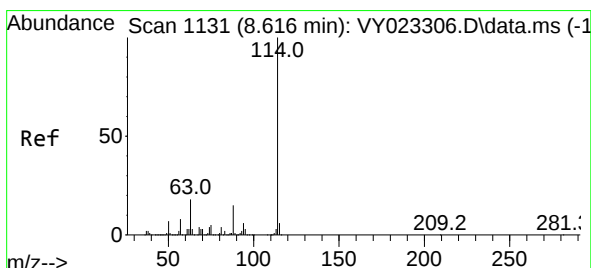
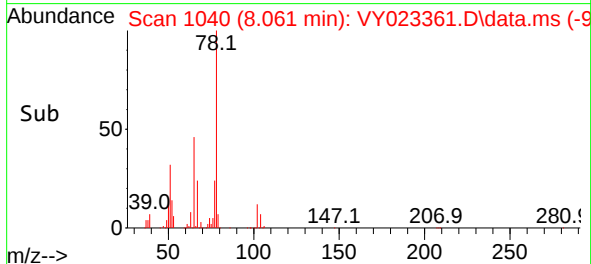
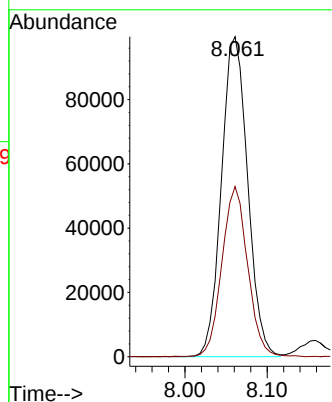
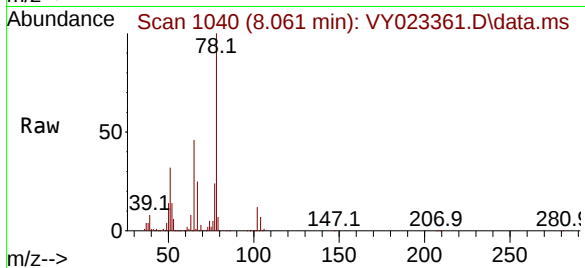
VSTDCCC050EC

Tgt Ion: 65 Resp: 220381

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

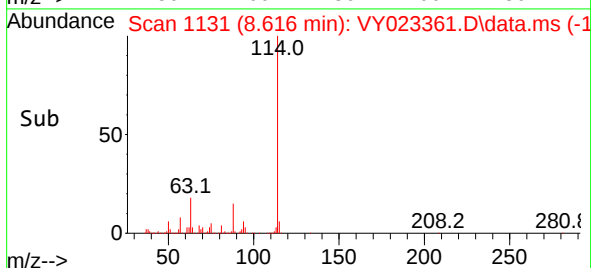
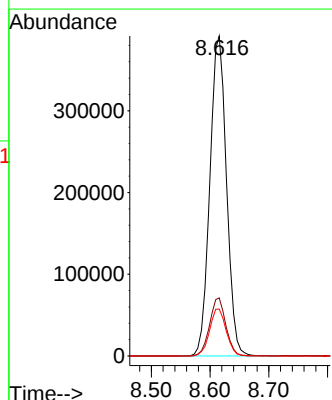
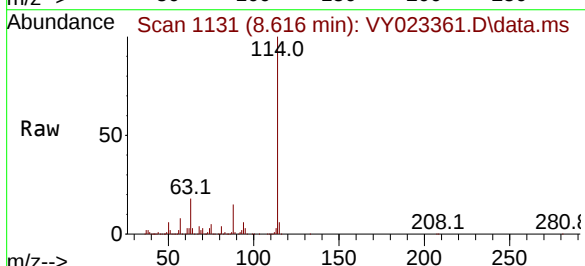
Tgt Ion: 114 Resp: 770130

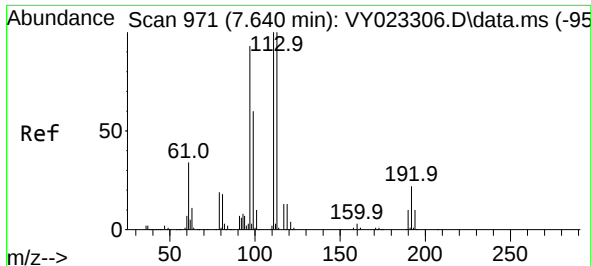
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

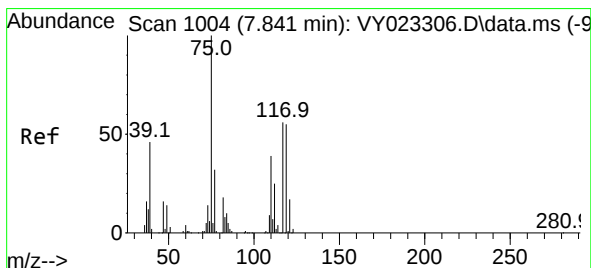
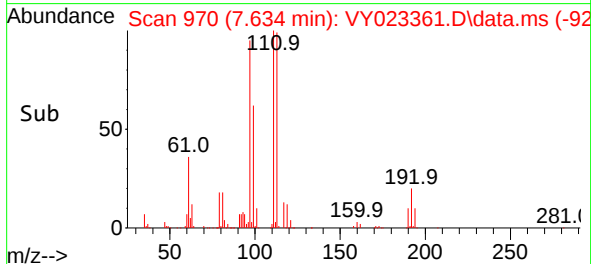
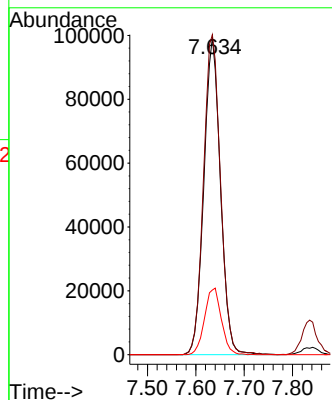
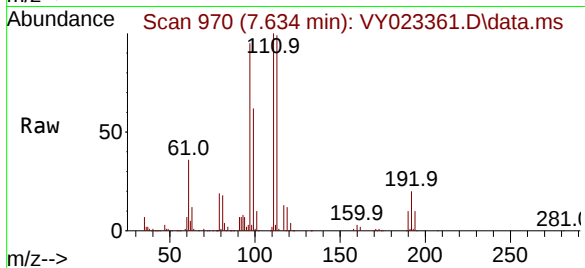
Tgt Ion:113 Resp: 235981

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

192 21.3 16.2 24.4



#36

1,1-Dichloropropene

Concen: 48.973 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

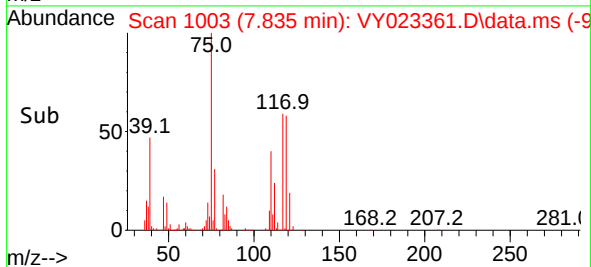
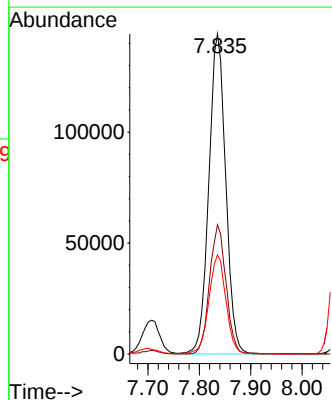
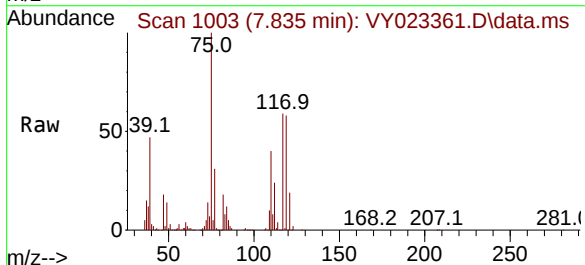
Tgt Ion: 75 Resp: 328357

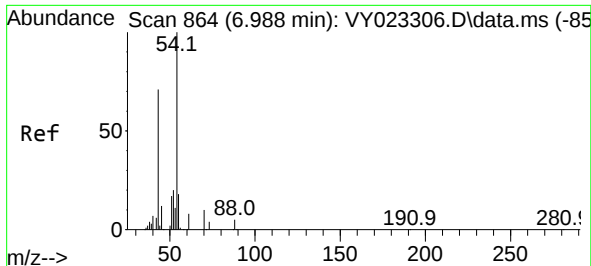
Ion Ratio Lower Upper

75 100

110 39.4 18.1 54.4

77 31.3 24.6 37.0

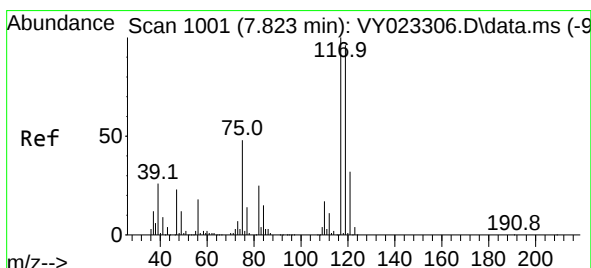
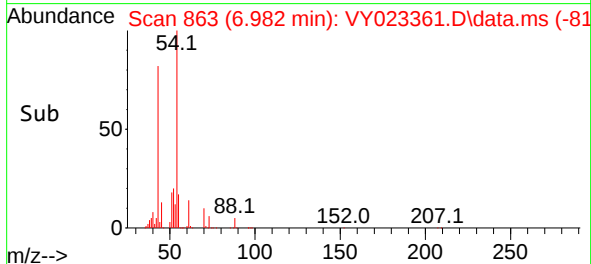
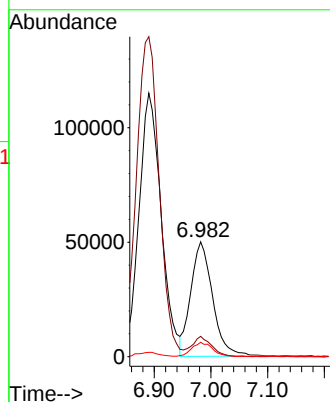
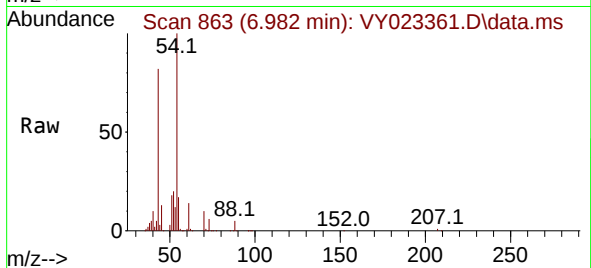




#37
Ethyl Acetate
Concen: 50.197 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

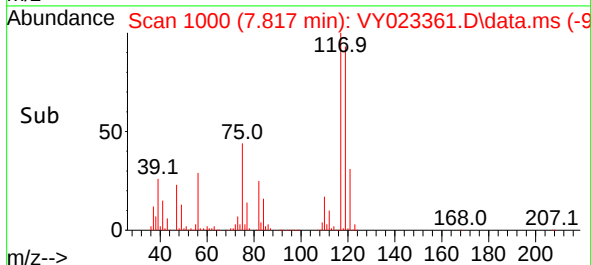
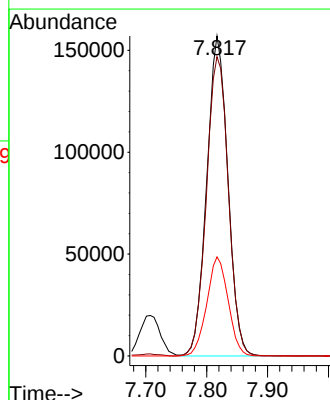
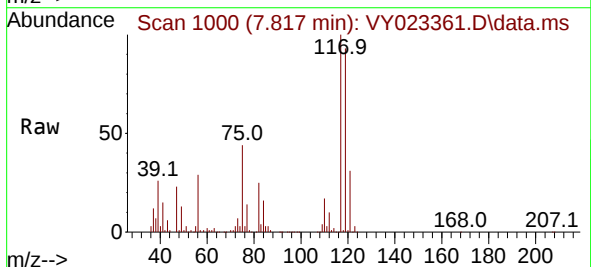
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

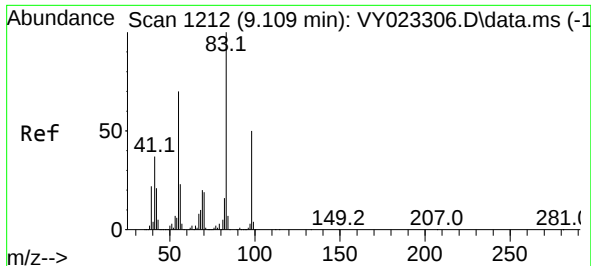
Tgt Ion: 43 Resp: 133885
Ion Ratio Lower Upper
43 100
61 15.9 11.9 17.9
70 12.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.142 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 117 Resp: 379129
Ion Ratio Lower Upper
117 100
119 93.4 75.6 113.4
121 30.9 25.8 38.8

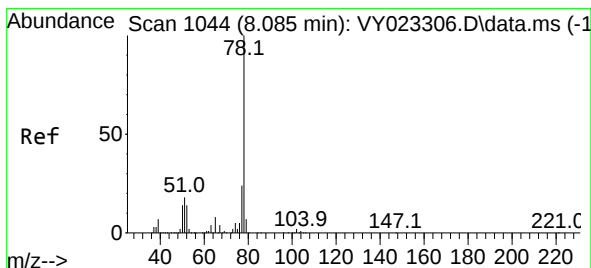
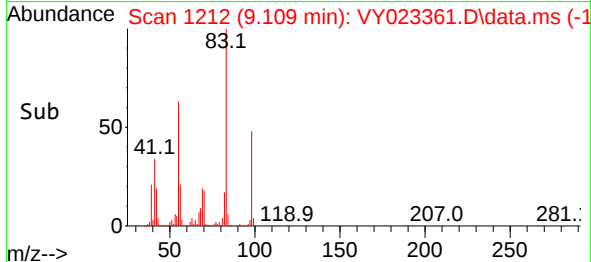
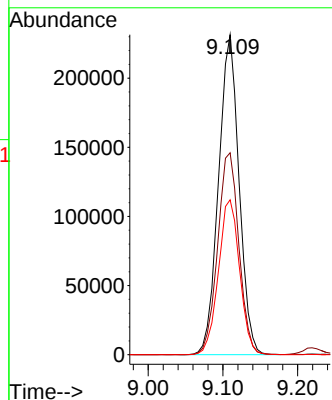
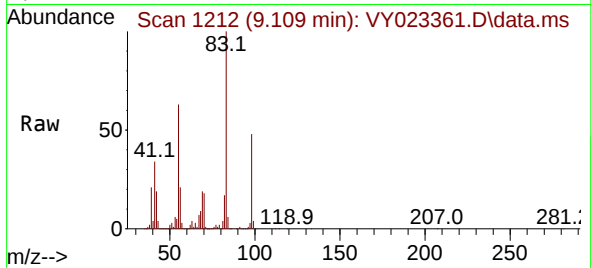




#39
Methylcyclohexane
Concen: 51.542 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

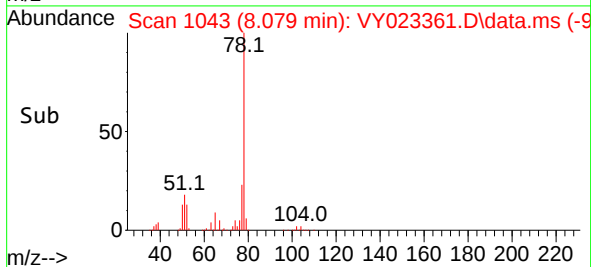
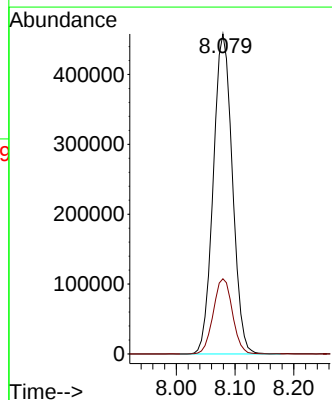
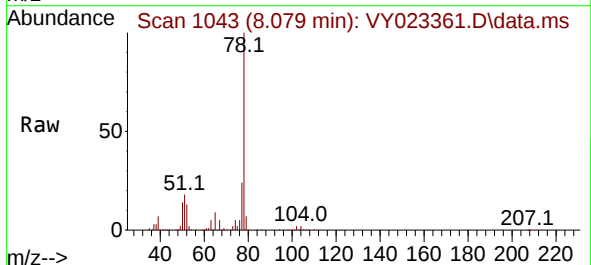
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

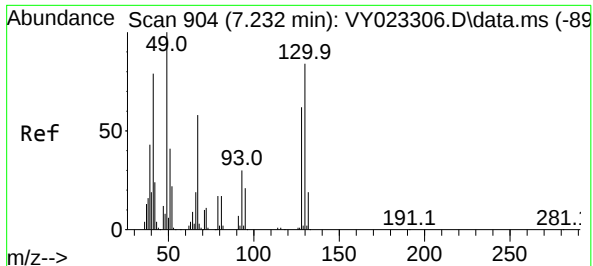
Tgt Ion: 83 Resp: 442103
Ion Ratio Lower Upper
83 100
55 63.1 57.6 86.4
98 48.4 39.2 58.8



#40
Benzene
Concen: 49.539 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 78 Resp: 1032434
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0

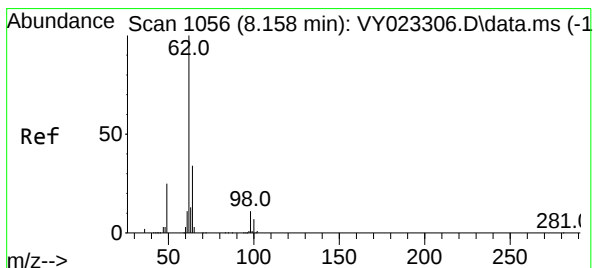
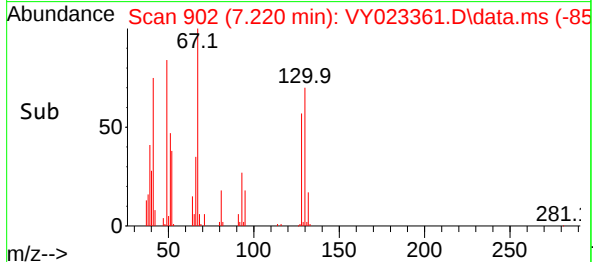
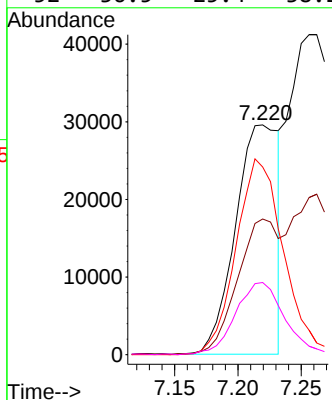
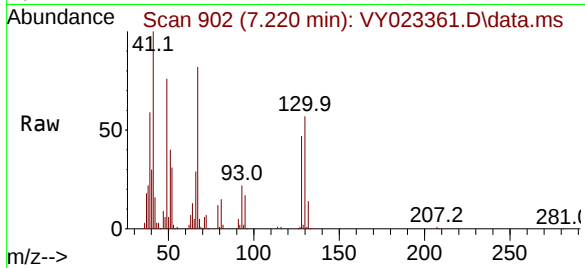




#41
Methacrylonitrile
Concen: 50.672 ug/l
RT: 7.220 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

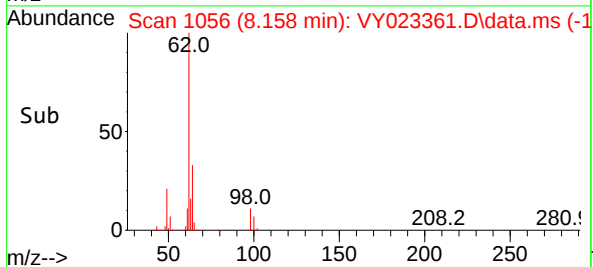
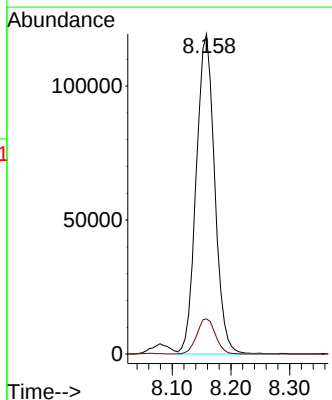
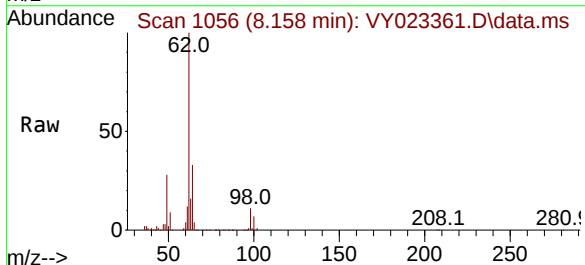
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

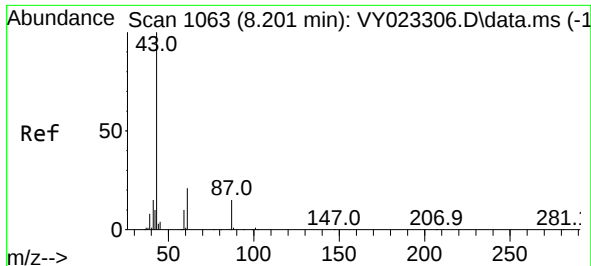
Tgt Ion: 41 Resp: 69989
Ion Ratio Lower Upper
41 100
39 55.6 43.4 65.2
67 94.8 63.6 95.4
52 36.5 25.4 38.2



#42
1,2-Dichloroethane
Concen: 49.170 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 62 Resp: 260900
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.6

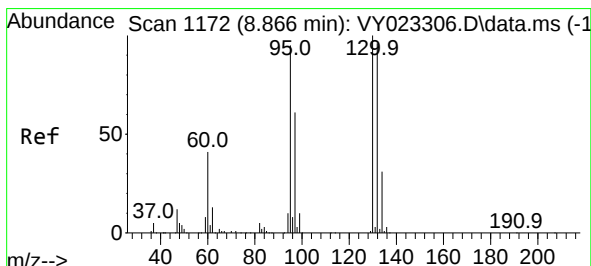
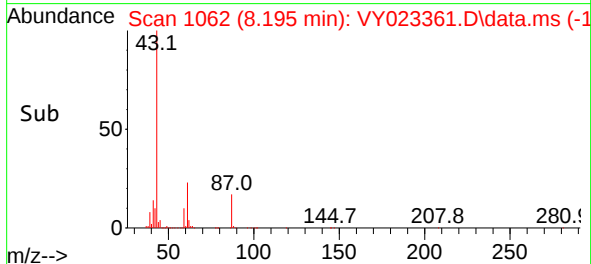
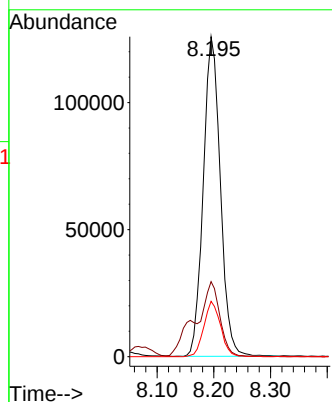
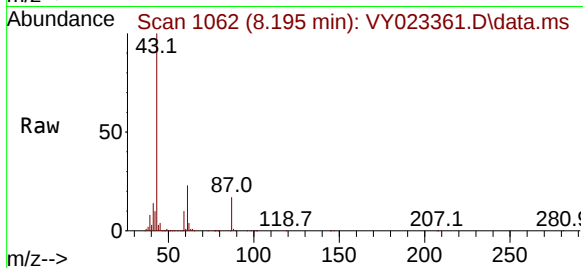




#43
Isopropyl Acetate
Concen: 50.808 ug/l
RT: 8.195 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

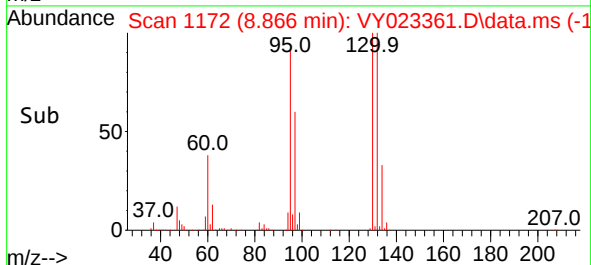
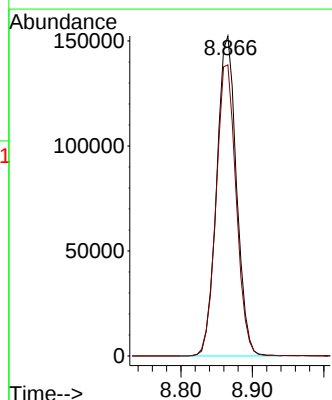
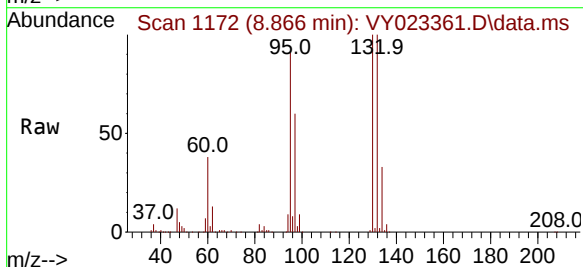
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

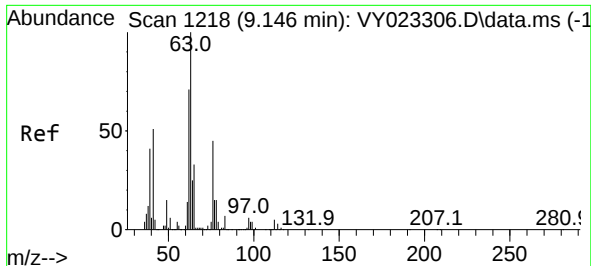
Tgt Ion: 43 Resp: 263572
Ion Ratio Lower Upper
43 100
61 22.4 16.4 24.6
87 16.9 11.8 17.6



#44
Trichloroethene
Concen: 50.501 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:130 Resp: 293148
Ion Ratio Lower Upper
130 100
95 90.9 0.0 190.2





#45

1,2-Dichloropropane

Concen: 49.143 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

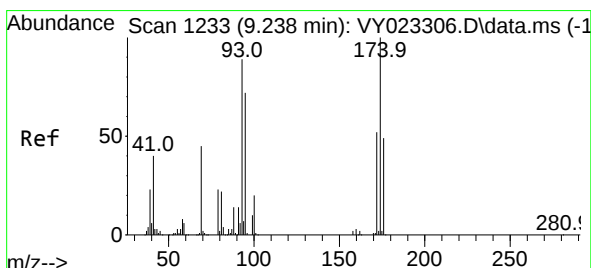
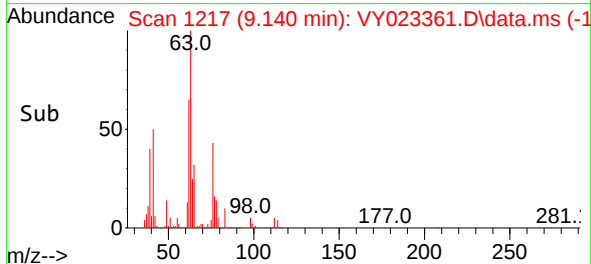
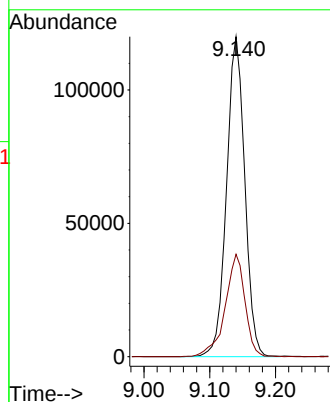
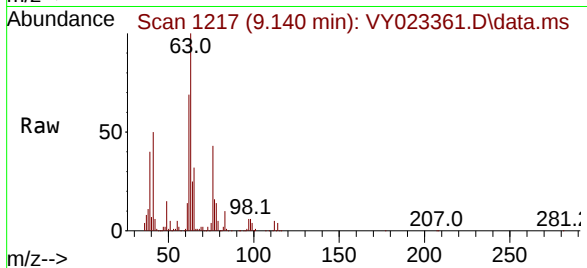
VSTDCCC050EC

Tgt Ion: 63 Resp: 231301

Ion Ratio Lower Upper

63 100

65 32.0 25.3 37.9



#46

Dibromomethane

Concen: 50.160 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

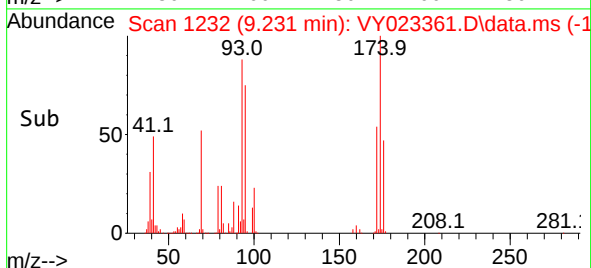
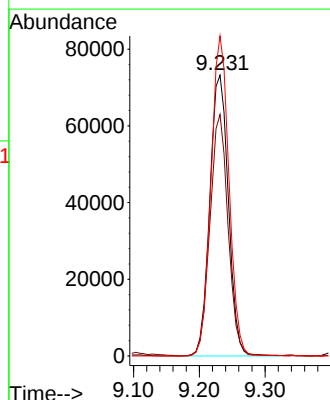
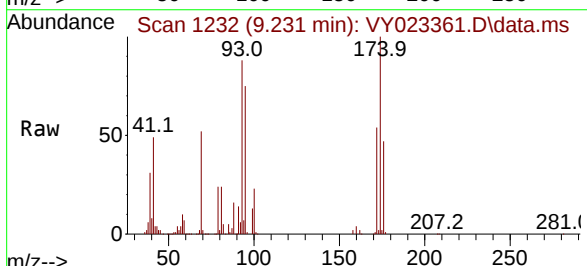
Tgt Ion: 93 Resp: 143775

Ion Ratio Lower Upper

93 100

95 84.2 66.5 99.7

174 110.6 81.8 122.8

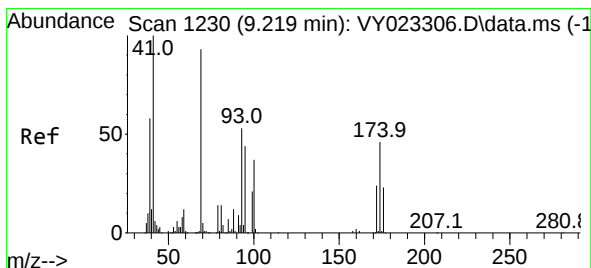
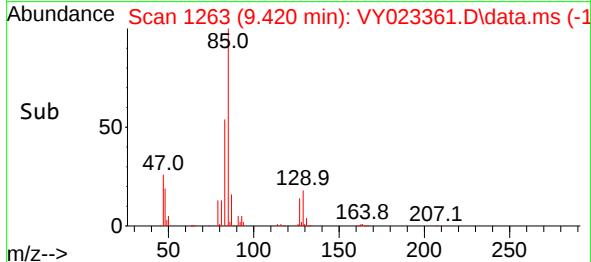
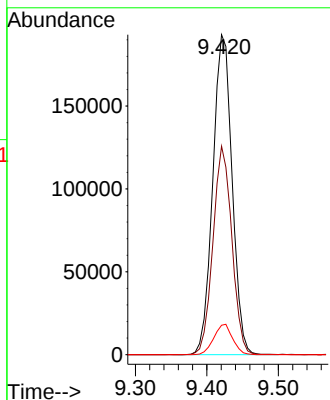
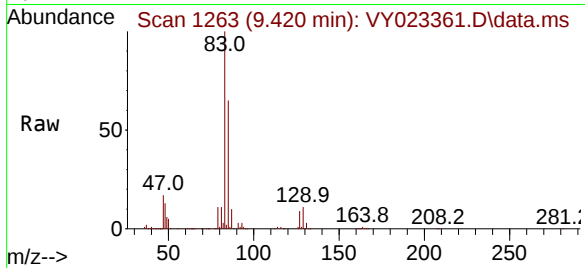




#47
Bromodichloromethane
Concen: 50.206 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

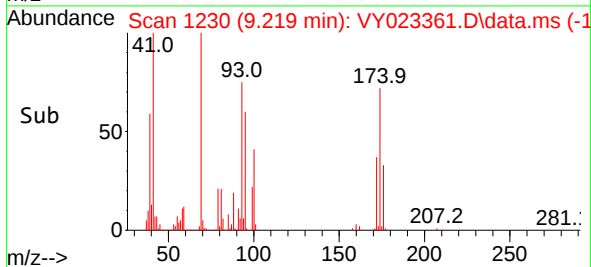
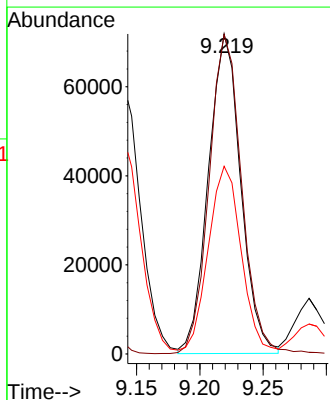
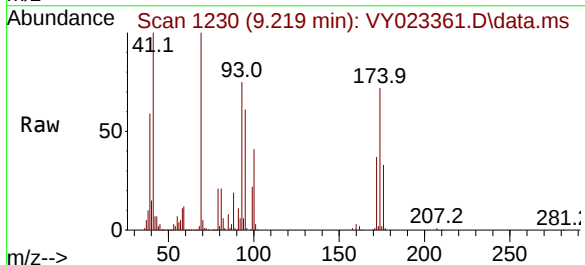
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

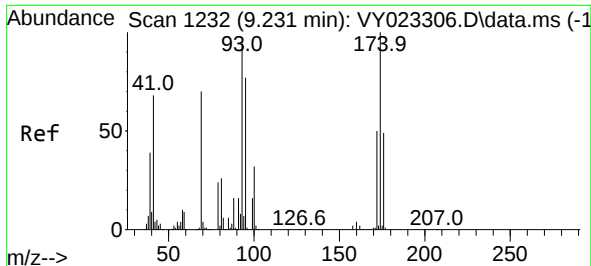
Tgt Ion: 83 Resp: 362039
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 52.759 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 41 Resp: 127571
Ion Ratio Lower Upper
41 100
69 100.2 73.2 109.8
39 57.8 47.0 70.4





#49

1,4-Dioxane

Concen: 1107.733 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

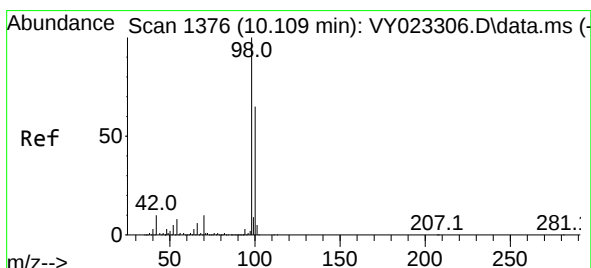
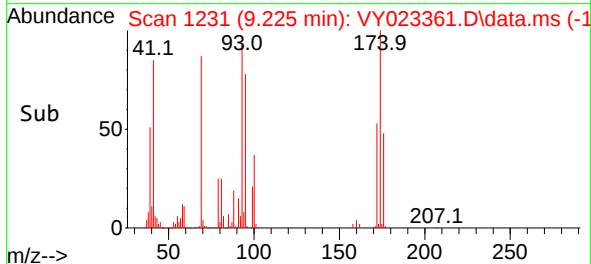
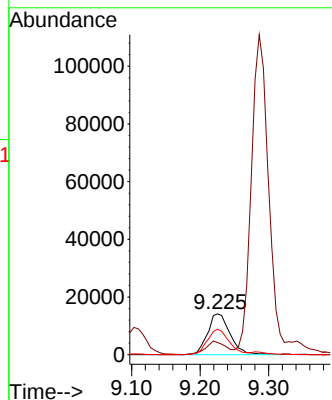
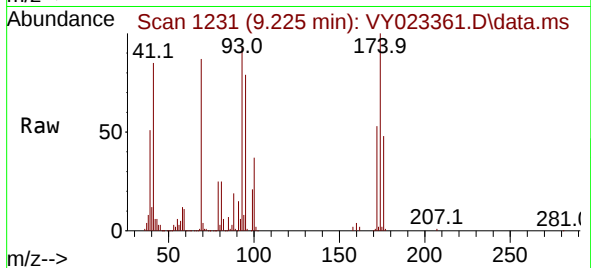
Tgt Ion: 88 Resp: 32231

Ion Ratio Lower Upper

88 100

43 29.6 24.3 36.5

58 61.0 55.4 83.0



#50

Toluene-d8

Concen: 51.267 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023361.D

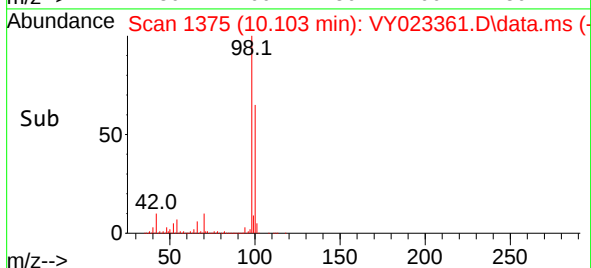
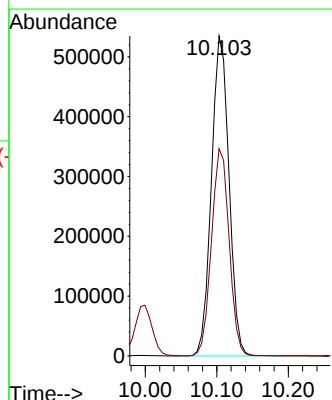
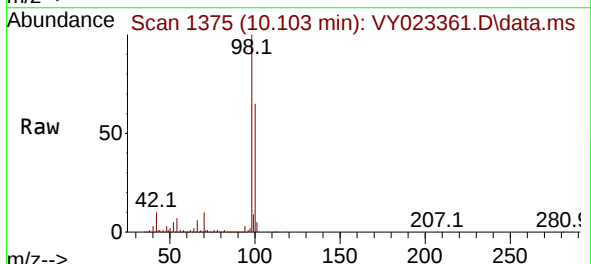
Acq: 12 Sep 2025 14:55

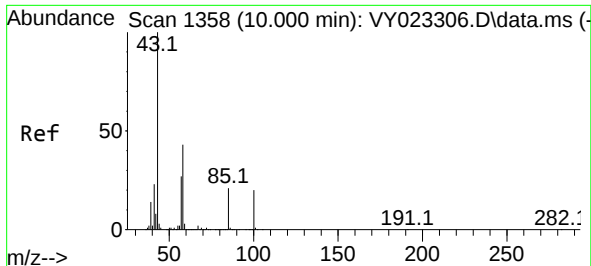
Tgt Ion: 98 Resp: 911323

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

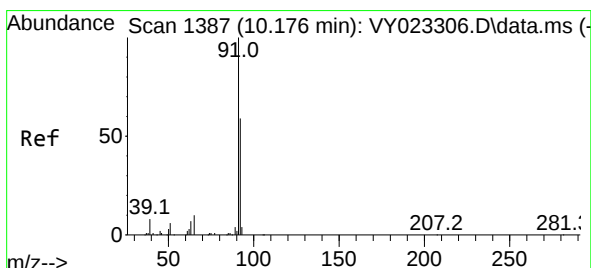
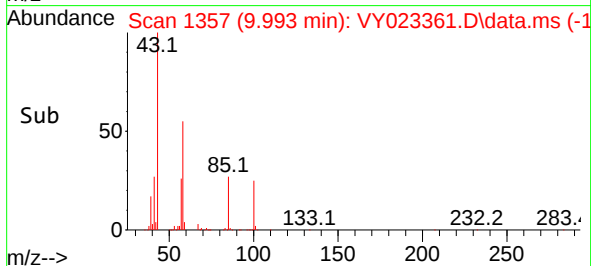
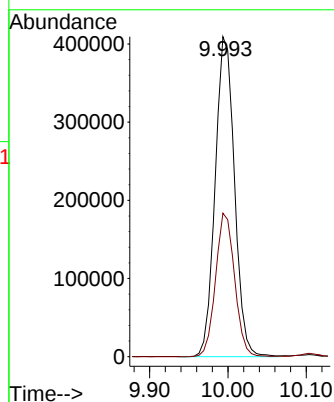
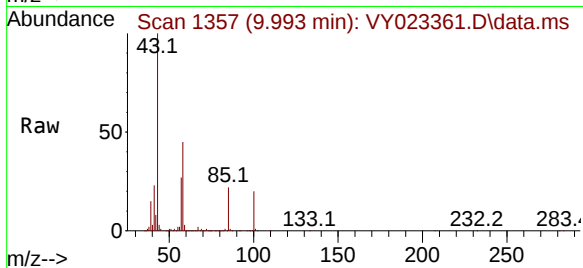




#51
4-Methyl-2-Pentanone
Concen: 264.650 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

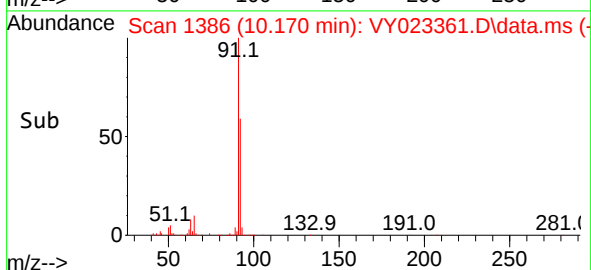
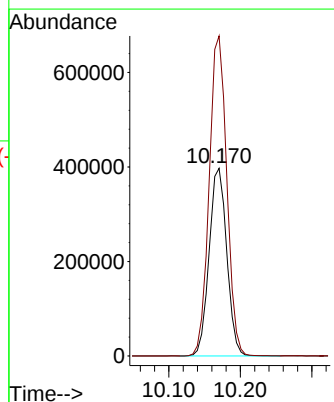
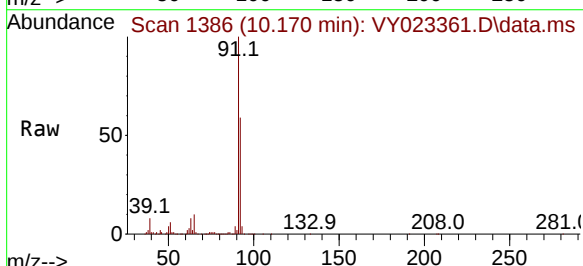
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

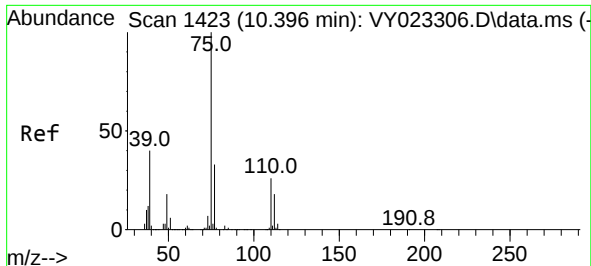
Tgt Ion: 43 Resp: 702376
Ion Ratio Lower Upper
43 100
58 44.3 33.5 50.3



#52
Toluene
Concen: 51.412 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 92 Resp: 679954
Ion Ratio Lower Upper
92 100
91 170.3 136.4 204.6

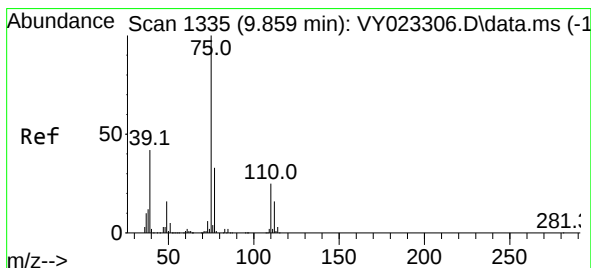
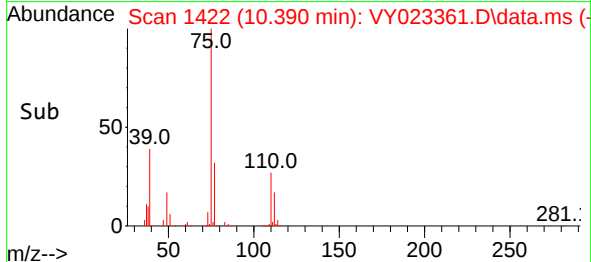
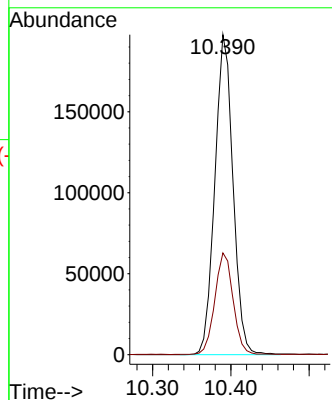
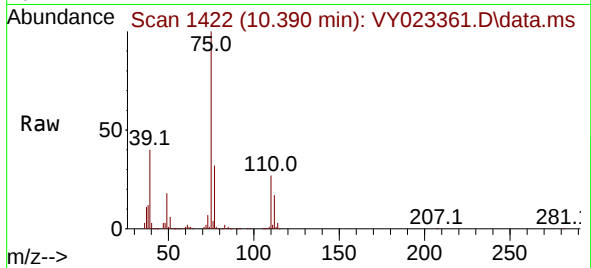




#53
t-1,3-Dichloropropene
Concen: 51.282 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

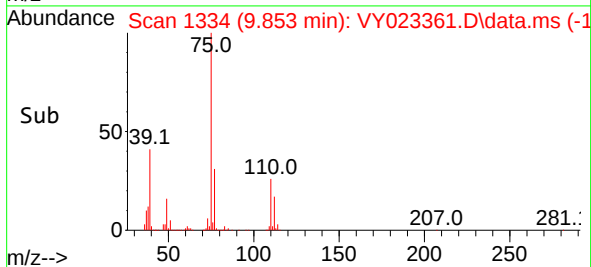
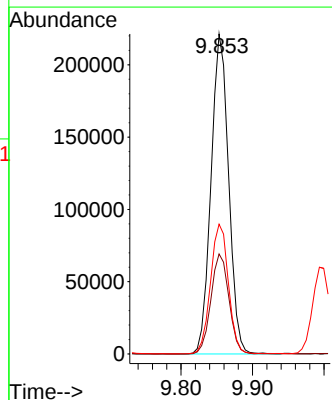
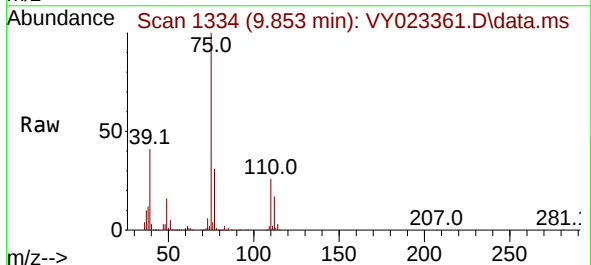
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

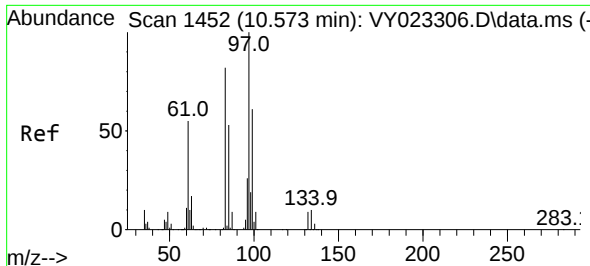
Tgt Ion: 75 Resp: 318377
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 50.944 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 75 Resp: 377931
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 40.5 35.6 53.4



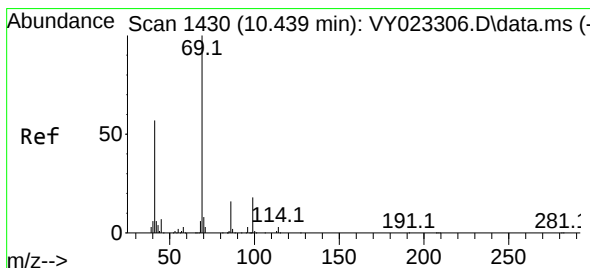
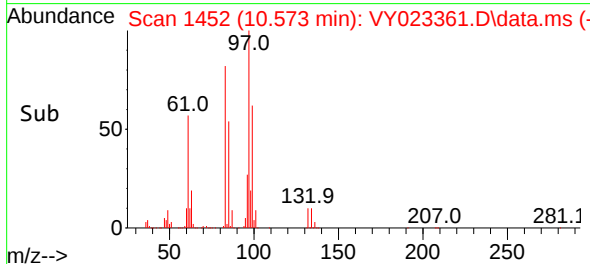
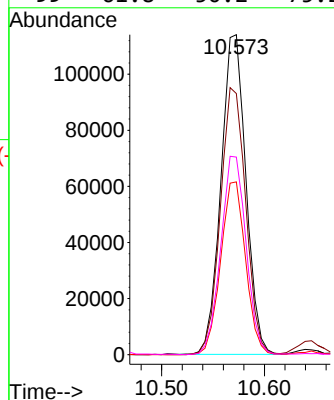
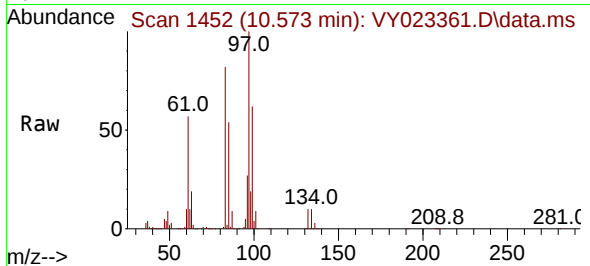


#55
1,1,2-Trichloroethane
Concen: 50.461 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 192400

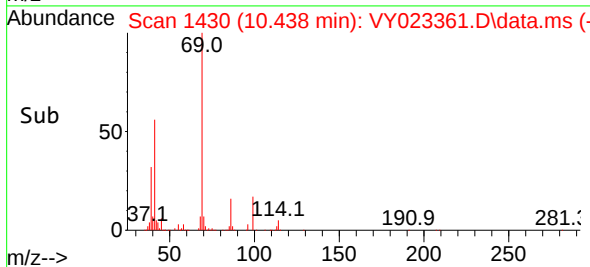
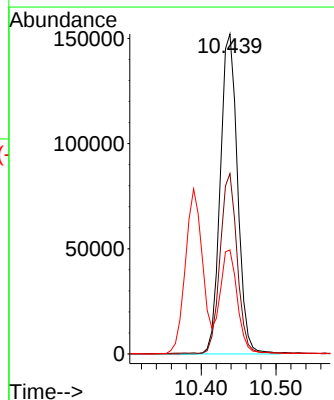
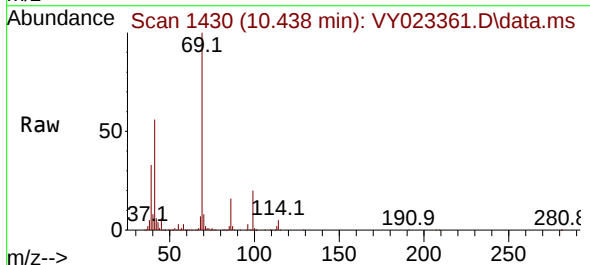
Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.7	101.5
85	54.1	44.5	66.7
99	61.8	50.2	75.2

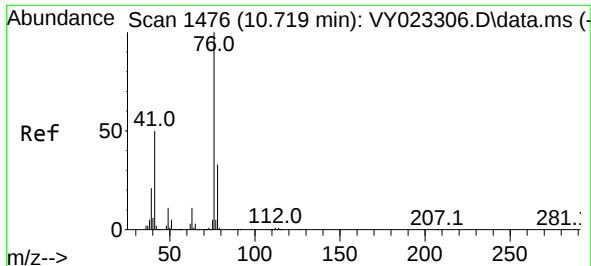


#56
Ethyl methacrylate
Concen: 55.403 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 69 Resp: 244737

Ion	Ratio	Lower	Upper
69	100		
41	55.7	48.6	72.8
39	32.7	27.0	40.4





#57

1,3-Dichloropropane

Concen: 50.678 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

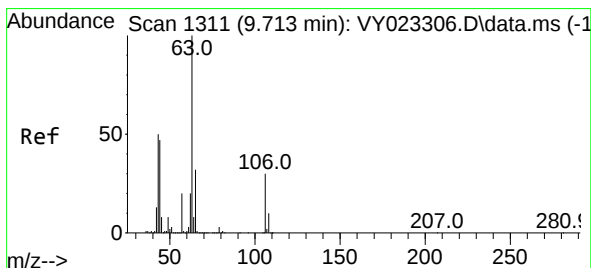
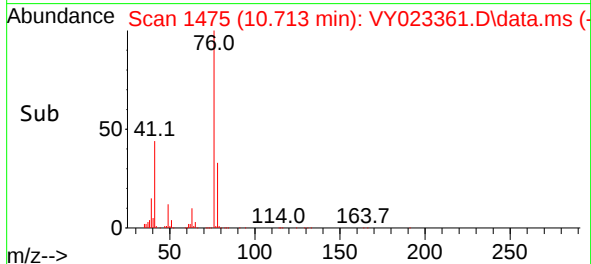
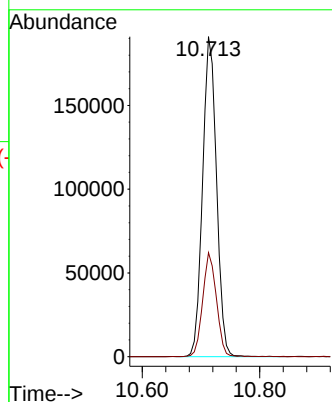
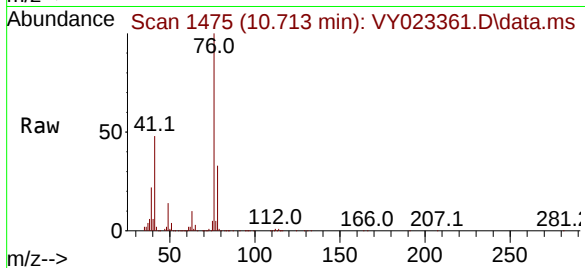
VSTDCCC050EC

Tgt Ion: 76 Resp: 313694

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 290.313 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023361.D

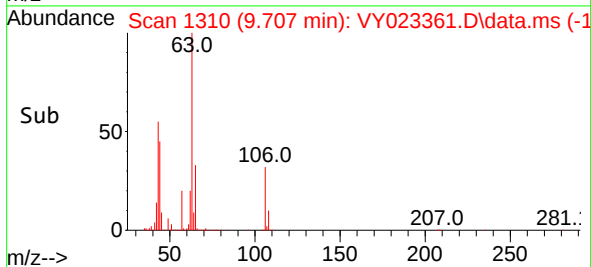
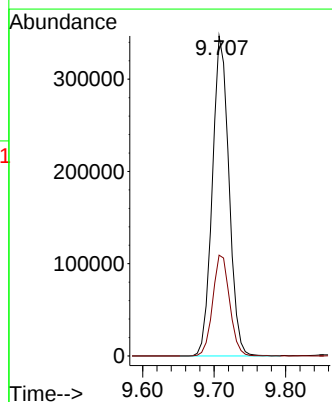
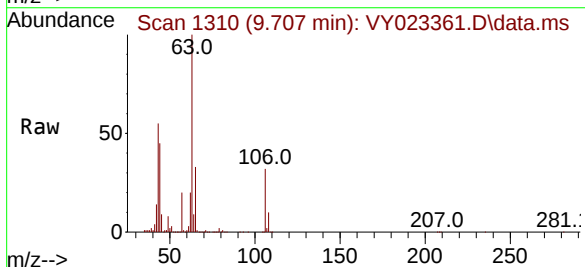
Acq: 12 Sep 2025 14:55

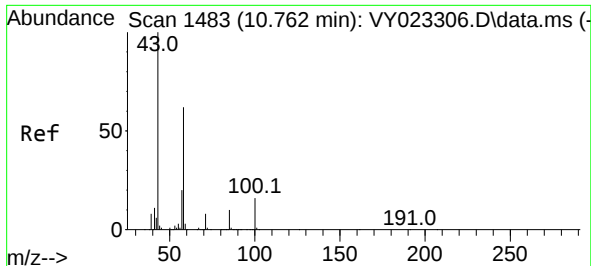
Tgt Ion: 63 Resp: 558938

Ion Ratio Lower Upper

63 100

106 32.2 23.2 34.8

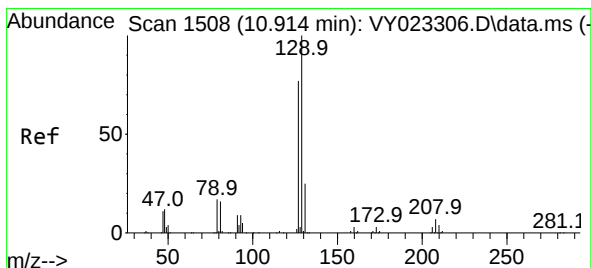
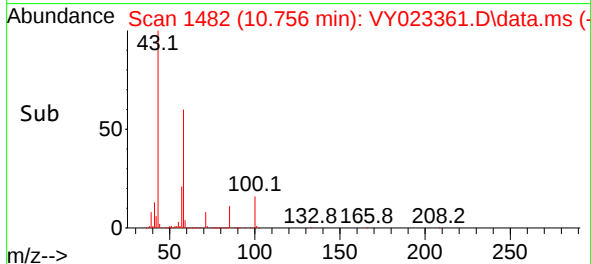
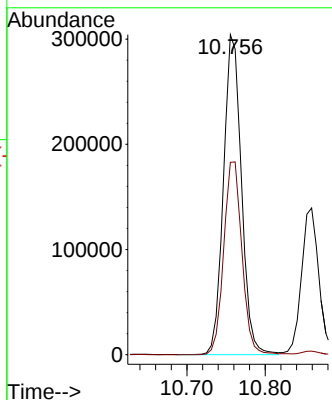
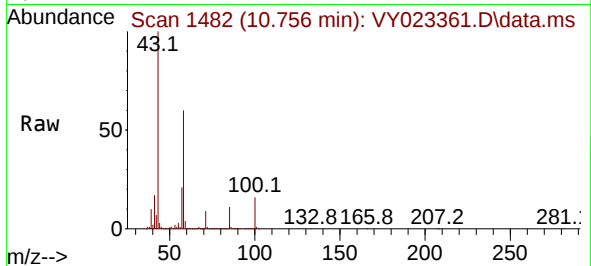




#59
2-Hexanone
Concen: 264.630 ug/l
RT: 10.756 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

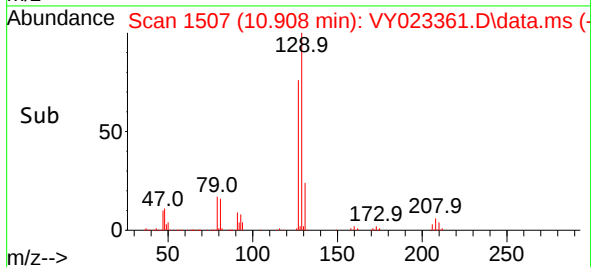
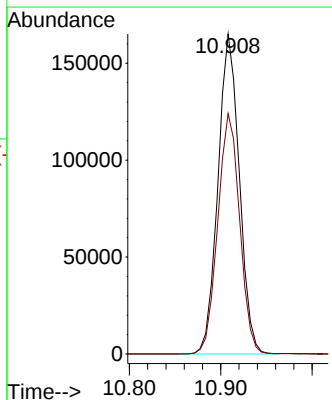
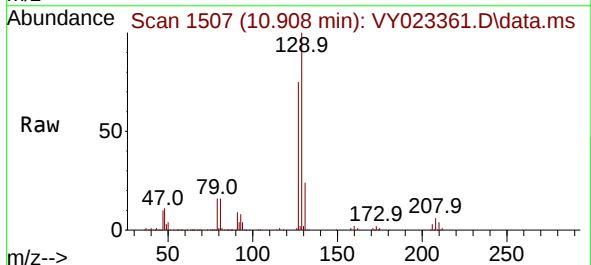
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

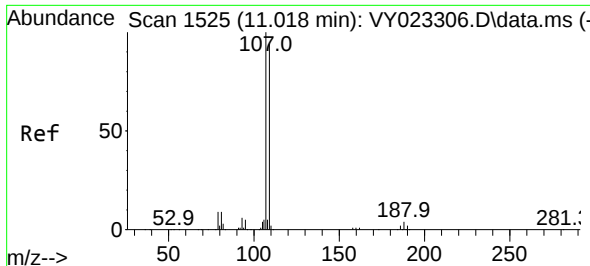
Tgt Ion: 43 Resp: 485516
Ion Ratio Lower Upper
43 100
58 61.3 29.5 88.5



#60
Dibromochloromethane
Concen: 51.778 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 129 Resp: 267864
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

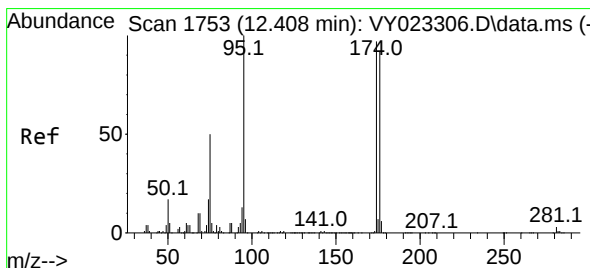
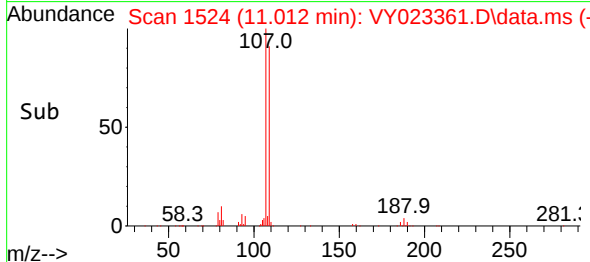
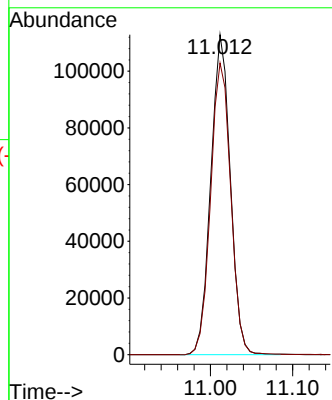
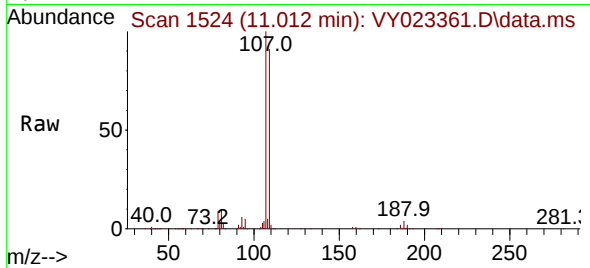




#61
1,2-Dibromoethane
Concen: 52.028 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

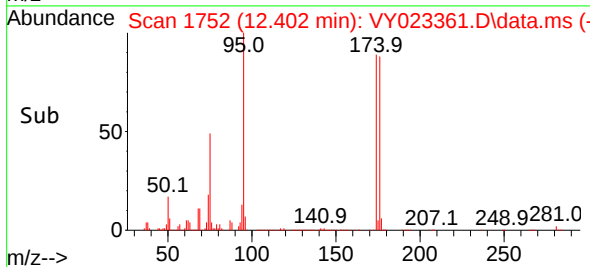
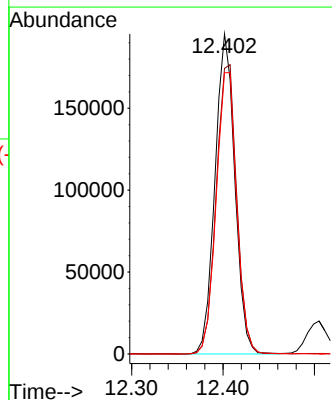
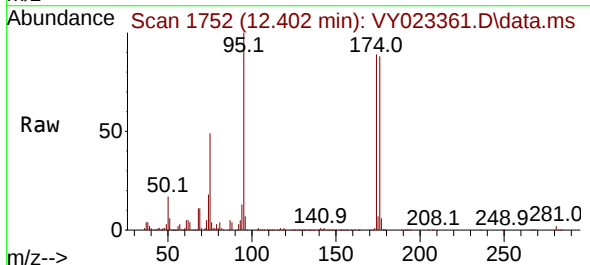
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

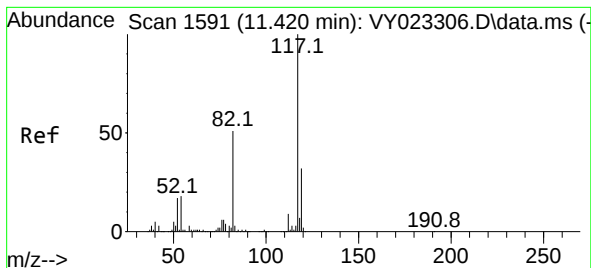
Tgt Ion:107 Resp: 185888
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.641 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 95 Resp: 294477
Ion Ratio Lower Upper
95 100
174 93.9 0.0 171.6
176 90.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

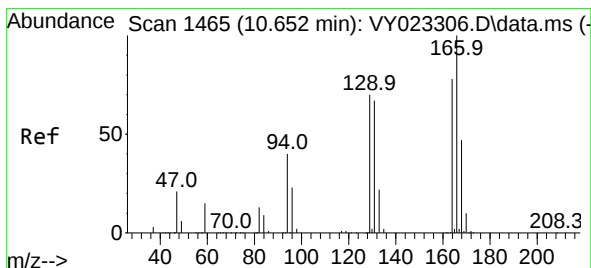
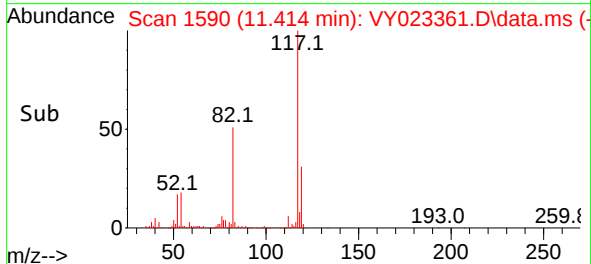
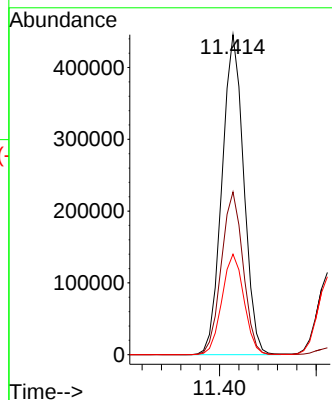
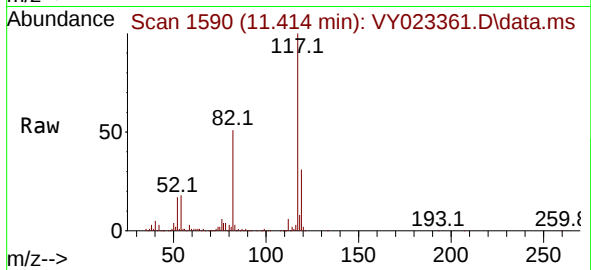
Tgt Ion:117 Resp: 693958

Ion Ratio Lower Upper

117 100

82 50.9 43.4 65.0

119 31.4 25.6 38.4



#64

Tetrachloroethene

Concen: 52.178 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Tgt Ion:164 Resp: 360888

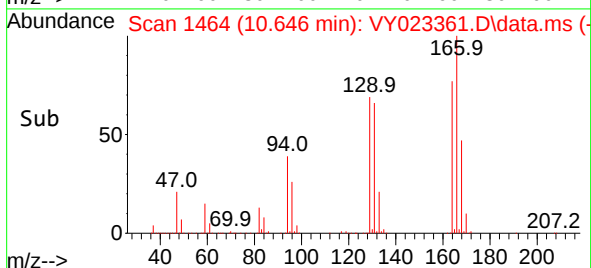
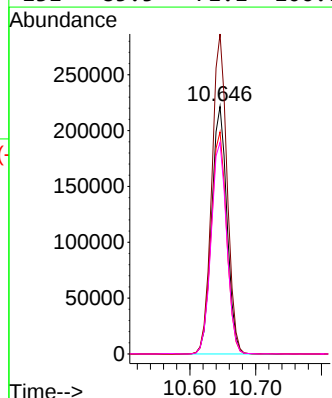
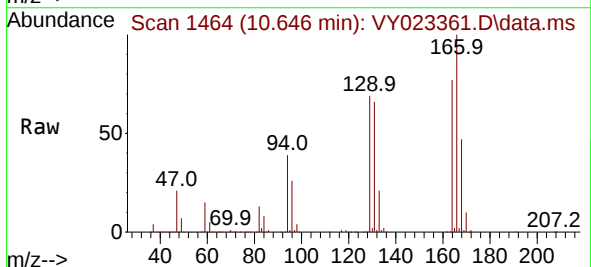
Ion Ratio Lower Upper

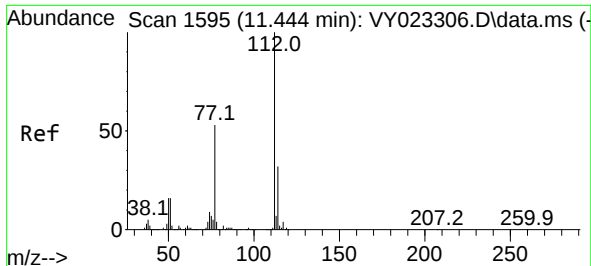
164 100

166 129.3 101.1 151.7

129 89.7 74.0 111.0

131 85.5 71.1 106.7

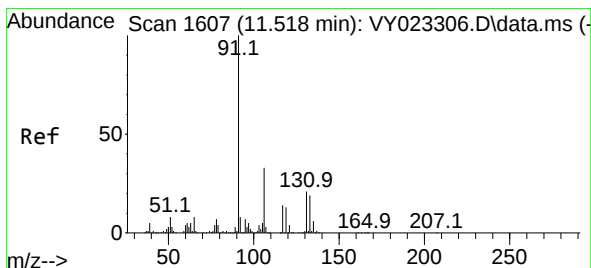
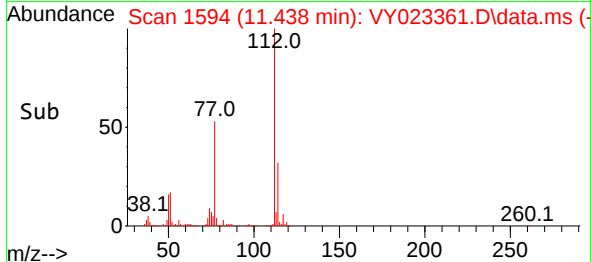
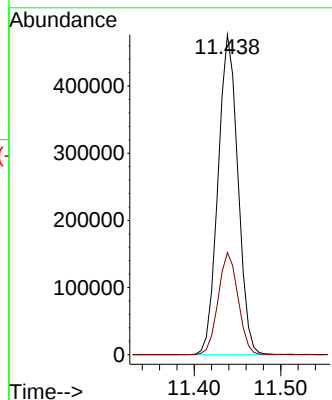
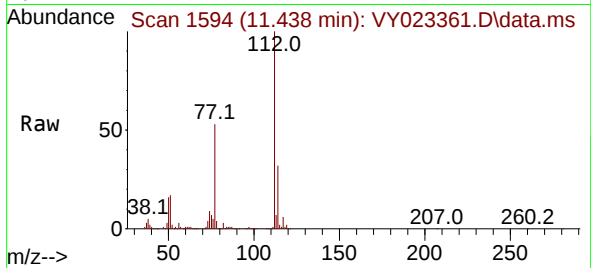




#65
Chlorobenzene
Concen: 50.020 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

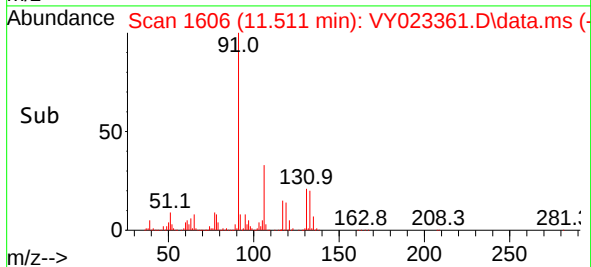
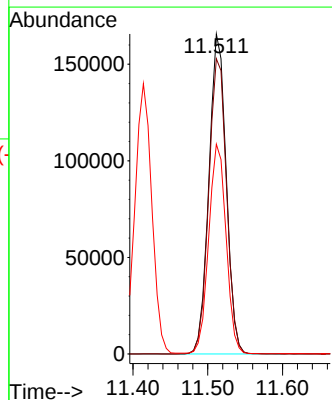
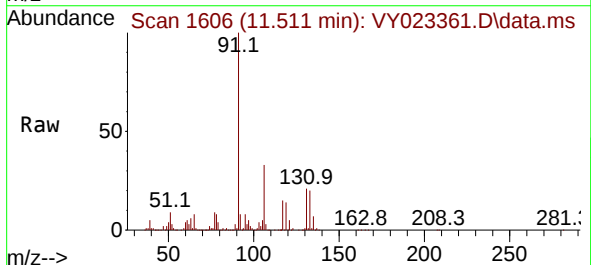
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

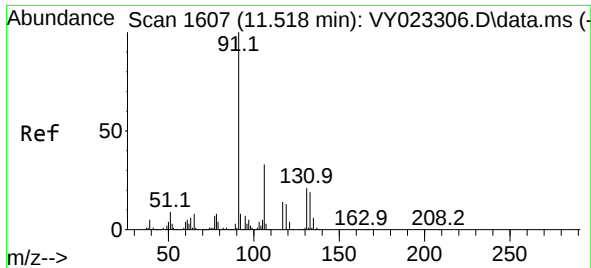
Tgt Ion:112 Resp: 760449
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.913 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:131 Resp: 266343
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.6
119 66.0 33.2 99.6





#67

Ethyl Benzene

Concen: 51.396 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

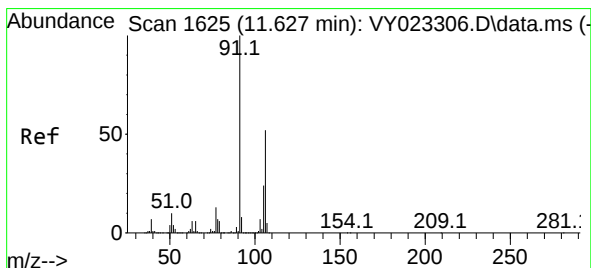
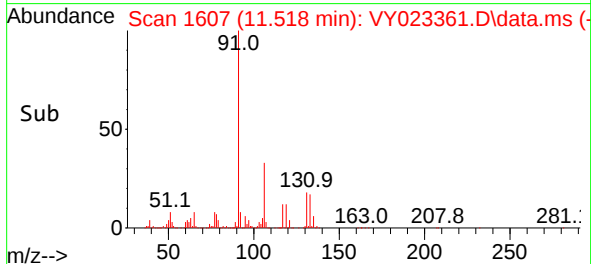
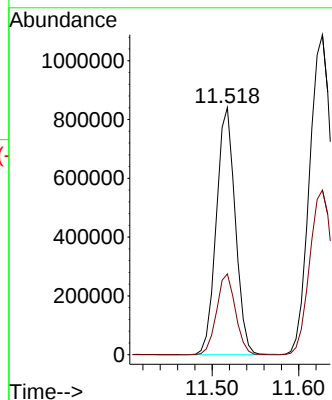
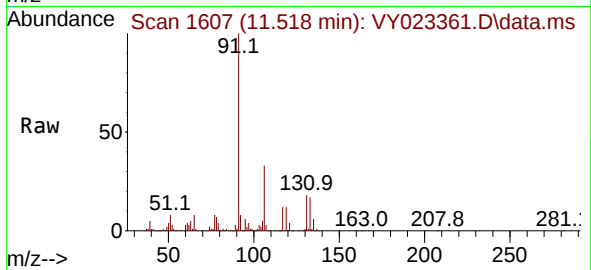
VSTDCCC050EC

Tgt Ion: 91 Resp: 1276530

Ion Ratio Lower Upper

91 100

106 32.7 25.0 37.4



#68

m/p-Xylenes

Concen: 102.796 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023361.D

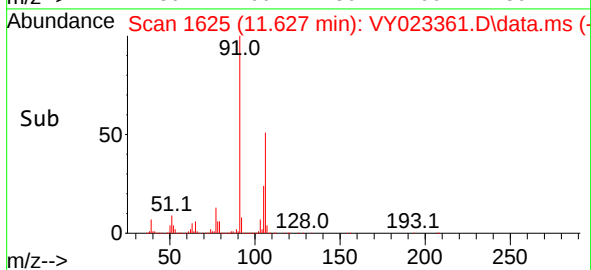
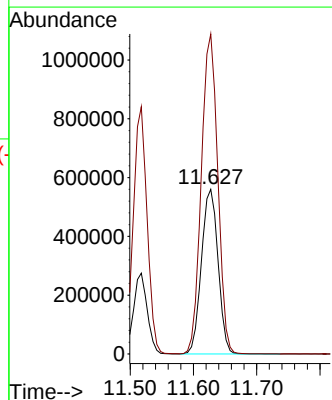
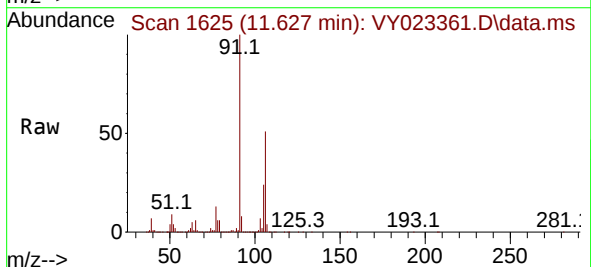
Acq: 12 Sep 2025 14:55

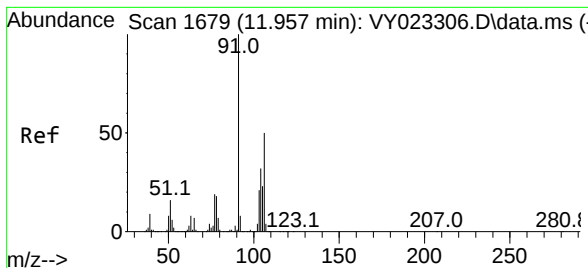
Tgt Ion:106 Resp: 1022339

Ion Ratio Lower Upper

106 100

91 192.9 158.6 238.0

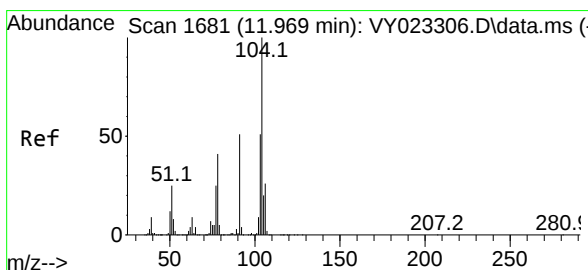
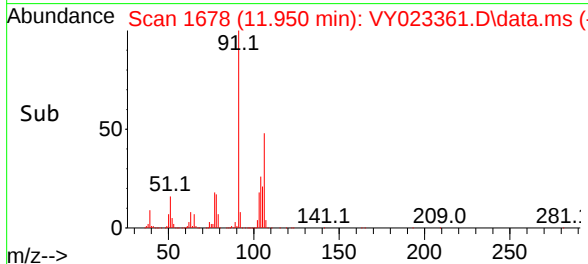
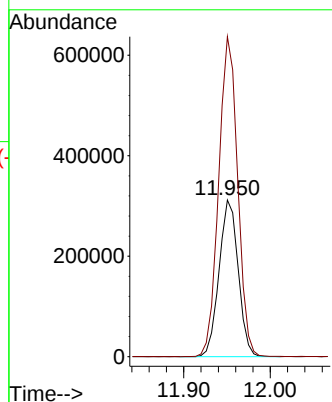
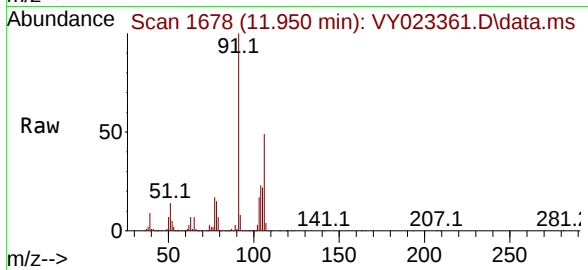




#69
o-Xylene
Concen: 51.961 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

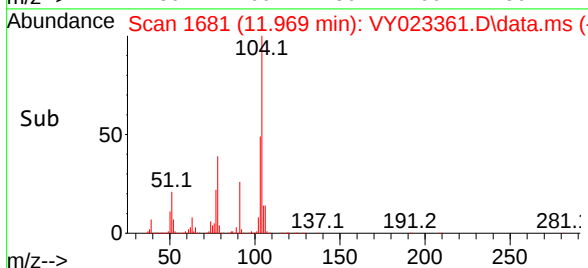
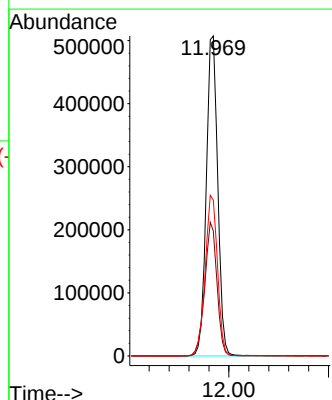
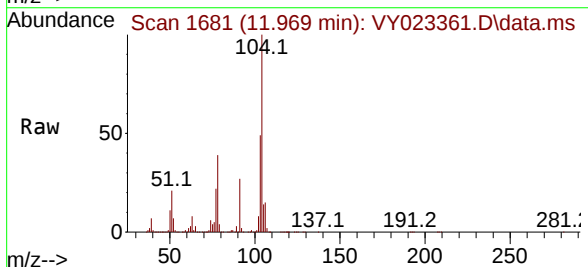
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

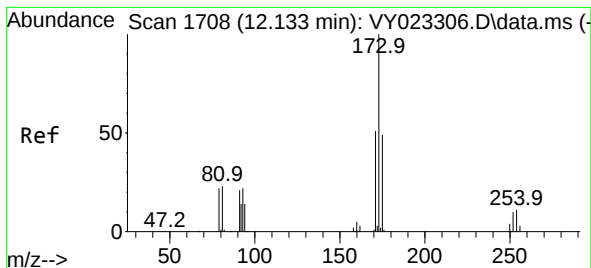
Tgt Ion:106 Resp: 478388
Ion Ratio Lower Upper
106 100
91 202.8 103.2 309.4



#70
Styrene
Concen: 52.940 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:104 Resp: 807776
Ion Ratio Lower Upper
104 100
78 44.5 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 50.906 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

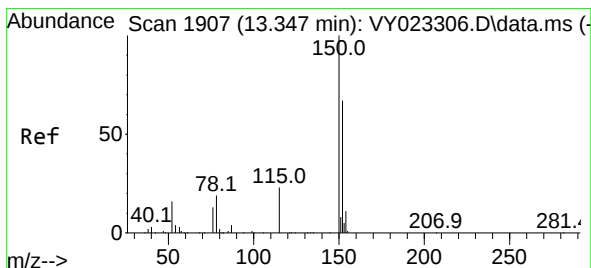
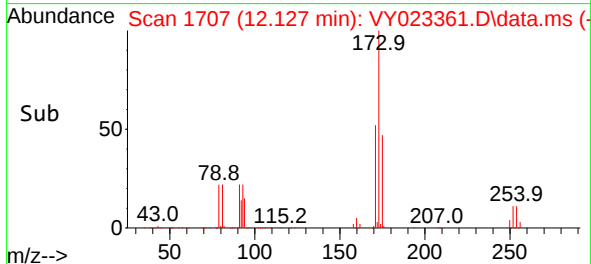
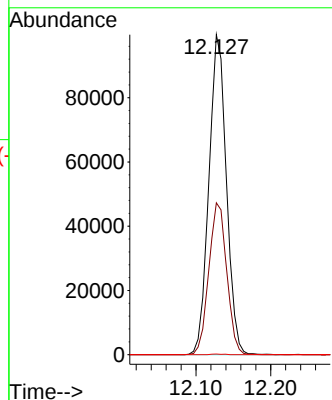
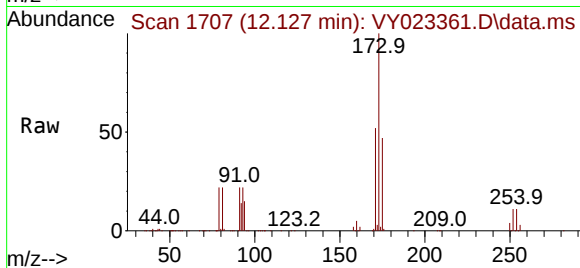
Tgt Ion:173 Resp: 161766

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

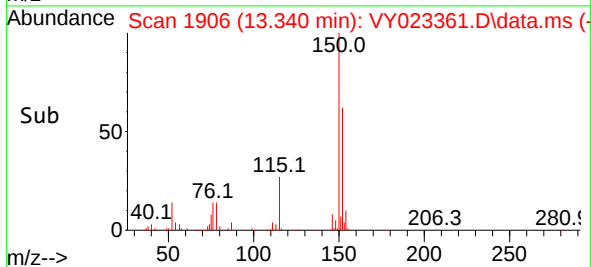
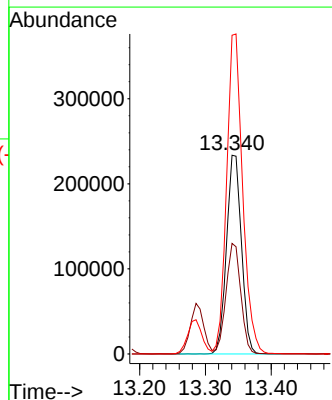
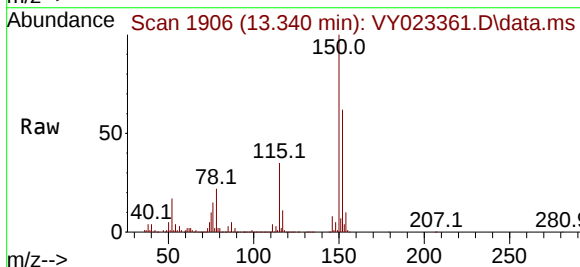
Tgt Ion:152 Resp: 369307

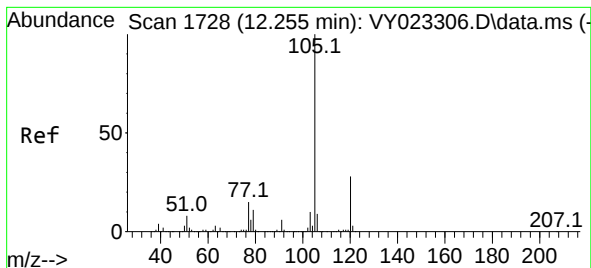
Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.6

150 172.7 0.0 348.0





#73

Isopropylbenzene

Concen: 49.875 ug/l

RT: 12.249 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

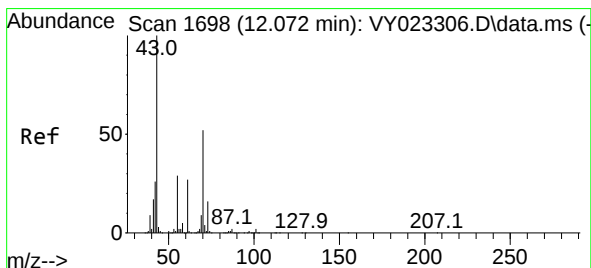
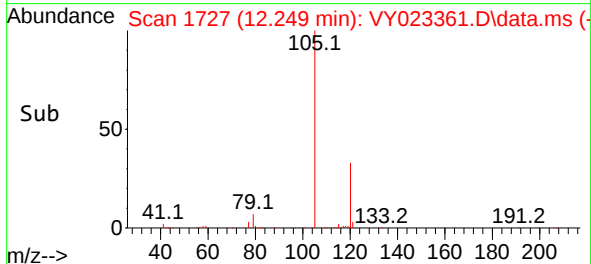
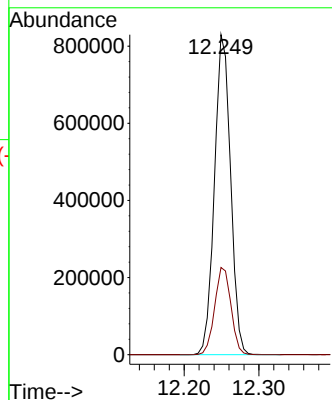
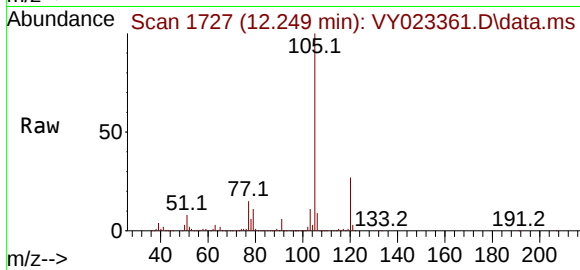
VSTDCCC050EC

Tgt Ion:105 Resp: 1240712

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 51.377 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Tgt Ion: 43 Resp: 241585

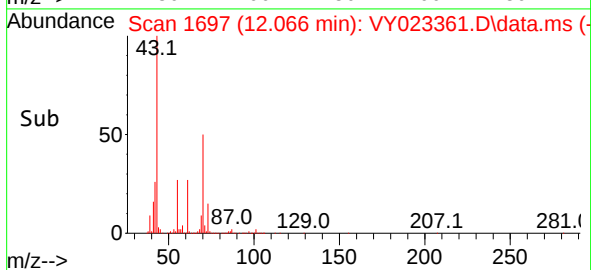
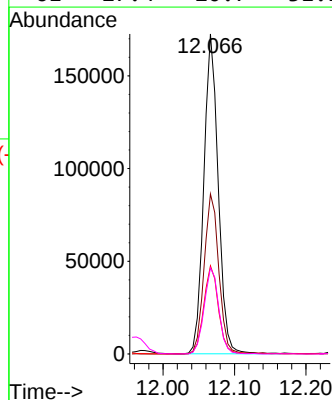
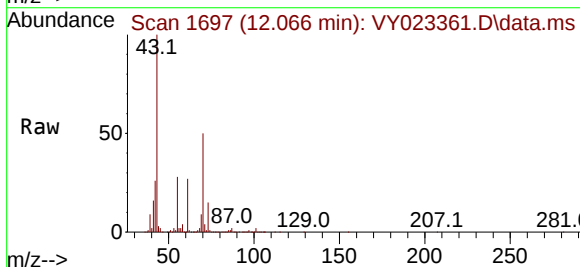
Ion Ratio Lower Upper

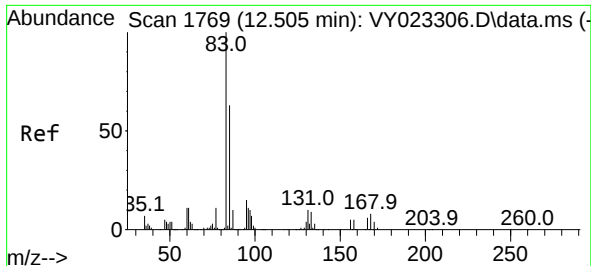
43 100

70 51.2 37.5 56.3

55 28.3 20.7 31.1

61 27.4 20.7 31.1

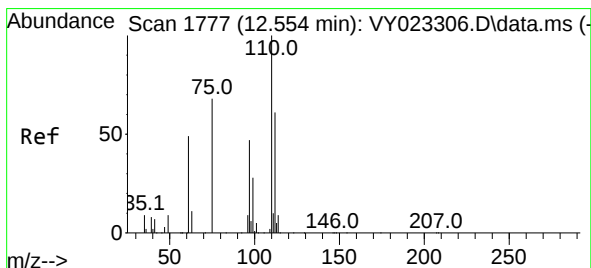
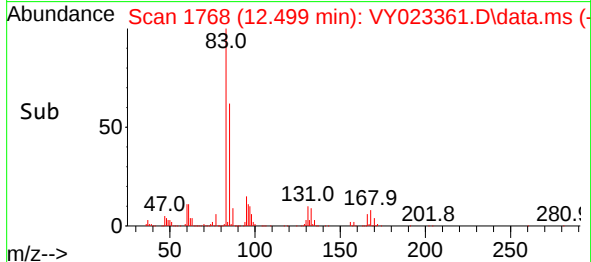
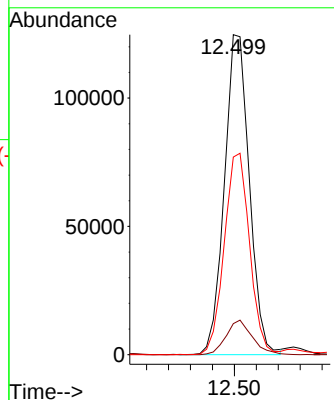
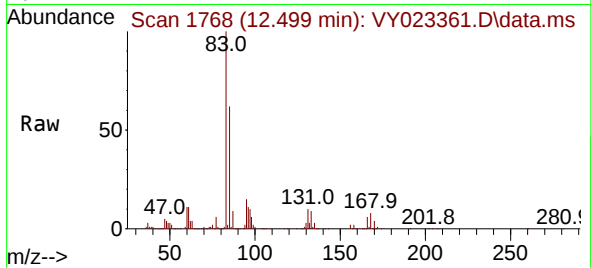




#75
1,1,2,2-Tetrachloroethane
Concen: 47.208 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

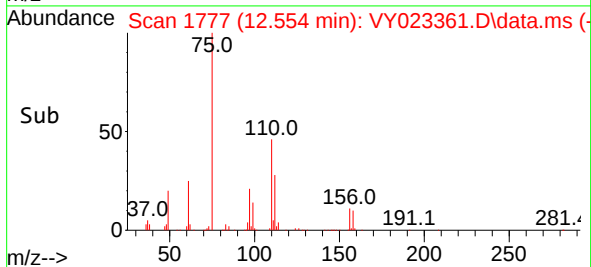
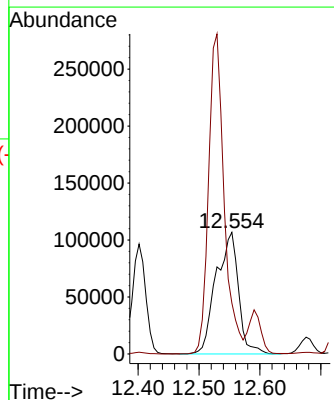
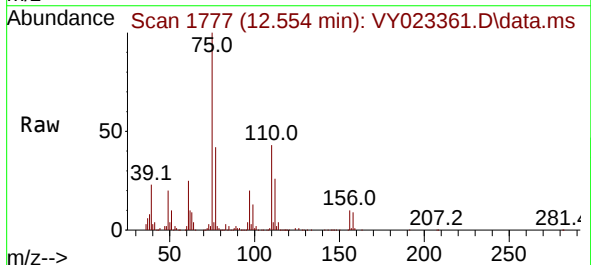
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

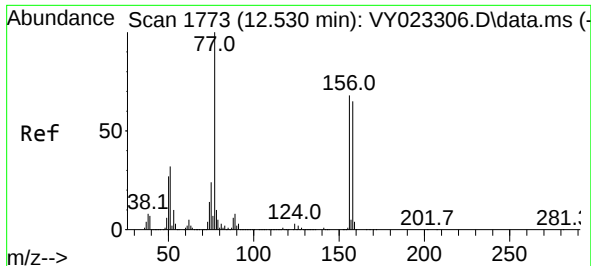
Tgt Ion: 83 Resp: 197094
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 64.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 72.914 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 75 Resp: 272693
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

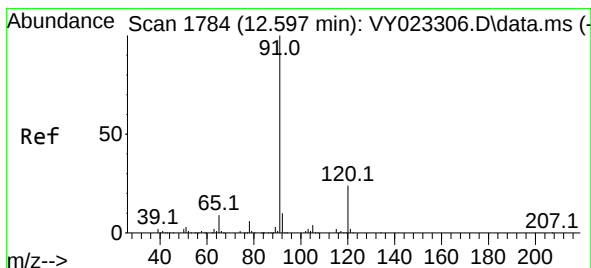
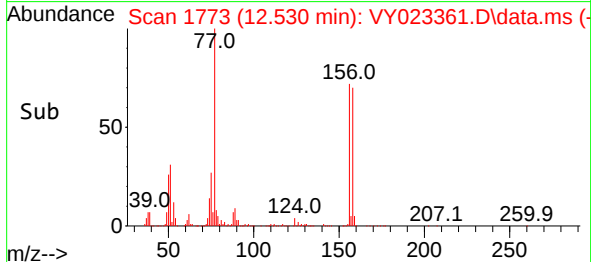
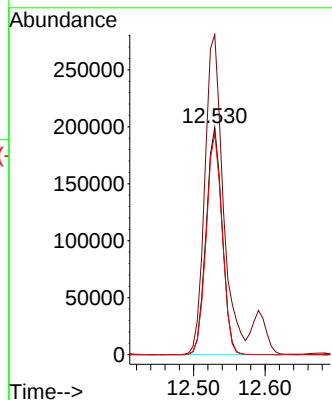
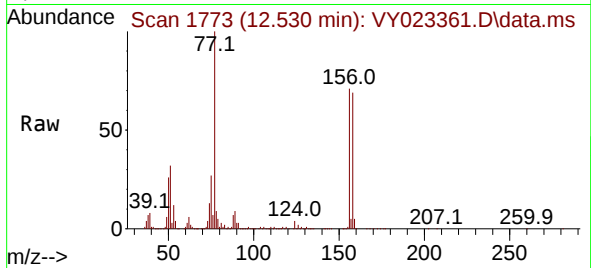




#77
Bromobenzene
Concen: 48.964 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

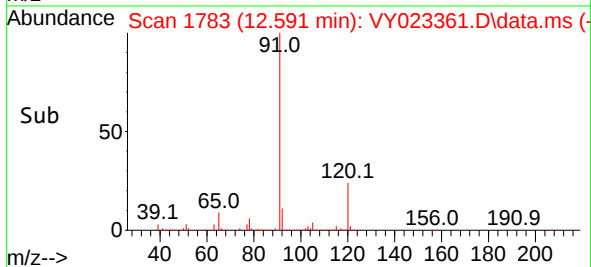
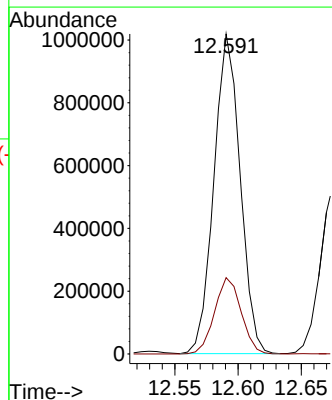
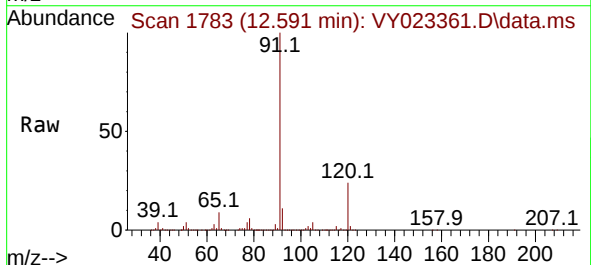
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

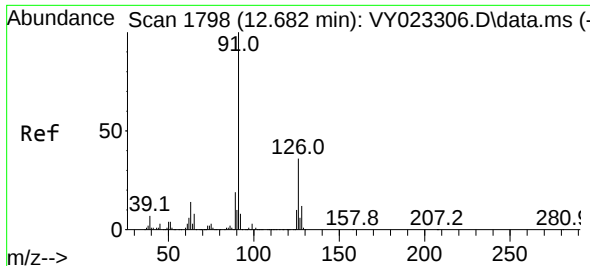
Tgt Ion:156 Resp: 311192
Ion Ratio Lower Upper
156 100
77 160.6 88.1 264.4
158 96.9 48.0 144.0



#78
n-propylbenzene
Concen: 50.013 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 91 Resp: 1466394
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.5

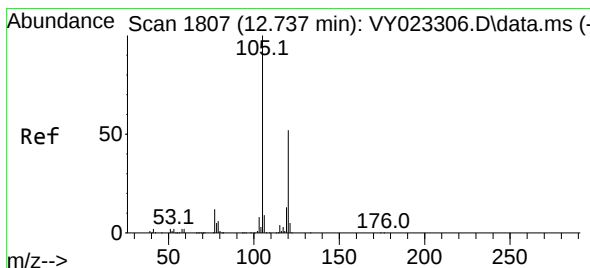
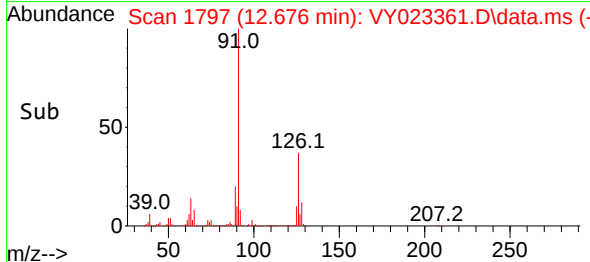
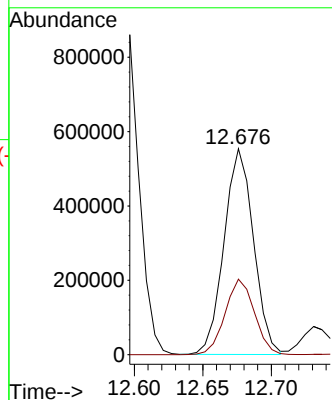
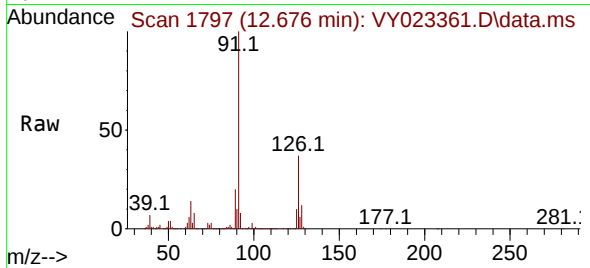




#79
2-Chlorotoluene
Concen: 49.074 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

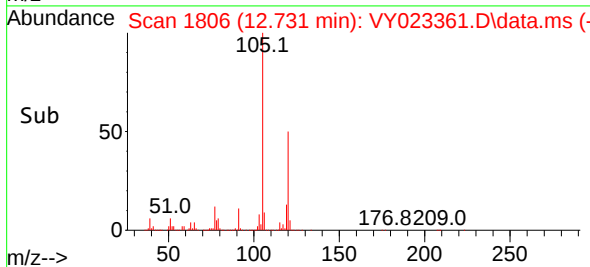
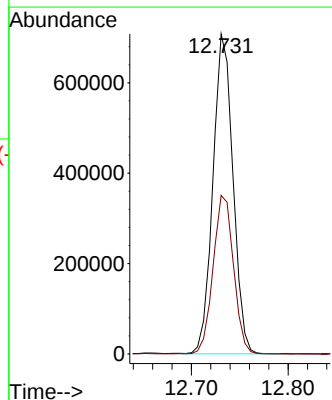
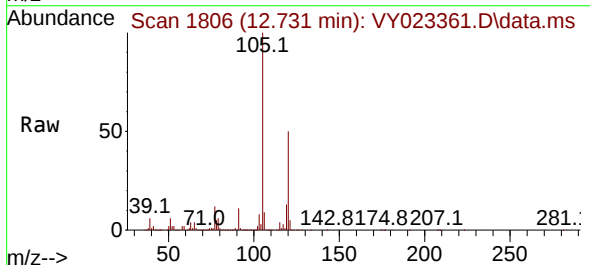
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

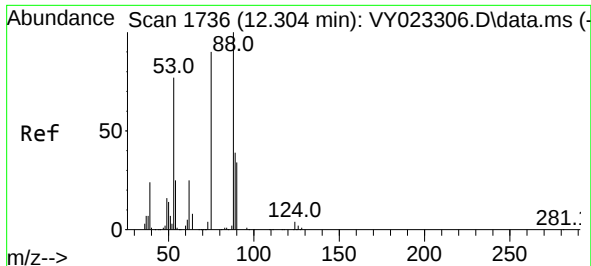
Tgt Ion: 91 Resp: 828742
Ion Ratio Lower Upper
91 100
126 36.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.244 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 105 Resp: 1016574
Ion Ratio Lower Upper
105 100
120 50.6 24.8 74.4

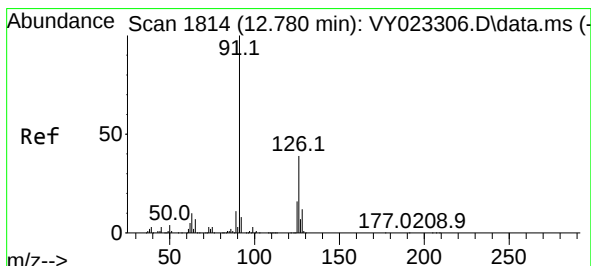
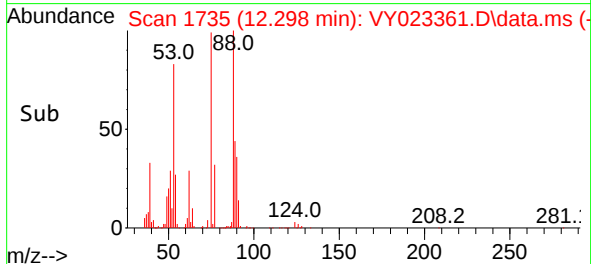
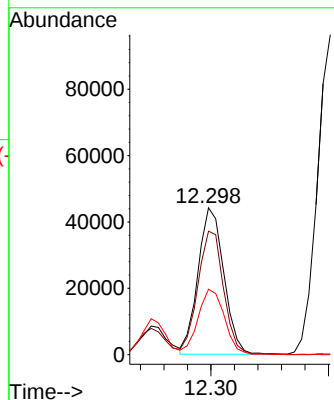
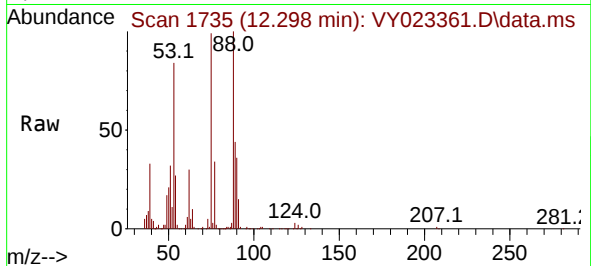




#81
trans-1,4-Dichloro-2-butene
Concen: 49.138 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

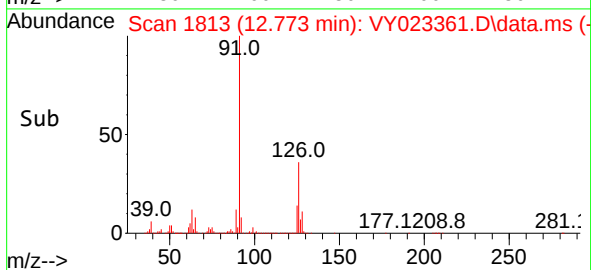
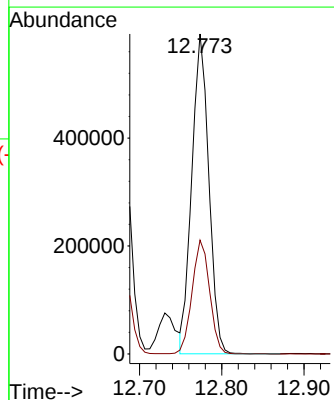
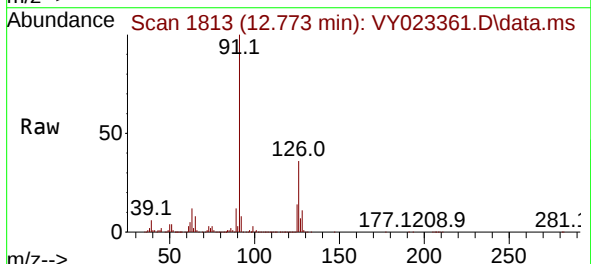
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

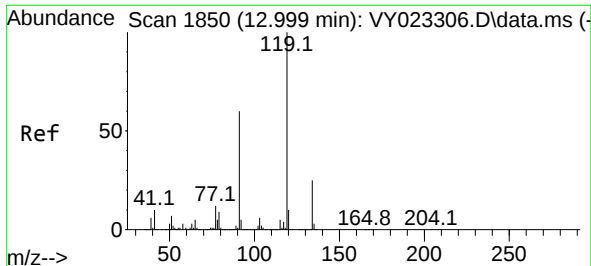
Tgt Ion: 75 Resp: 67387
Ion Ratio Lower Upper
75 100
53 84.4 70.8 106.2
89 45.8 38.1 57.1



#82
4-Chlorotoluene
Concen: 48.103 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion: 91 Resp: 849995
Ion Ratio Lower Upper
91 100
126 36.7 17.3 52.0

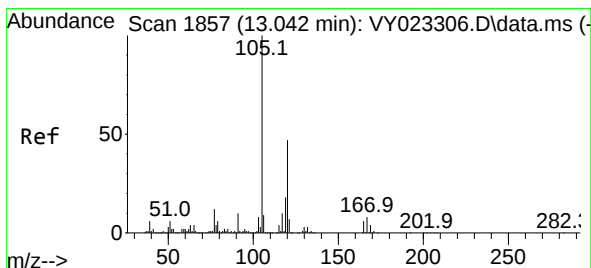
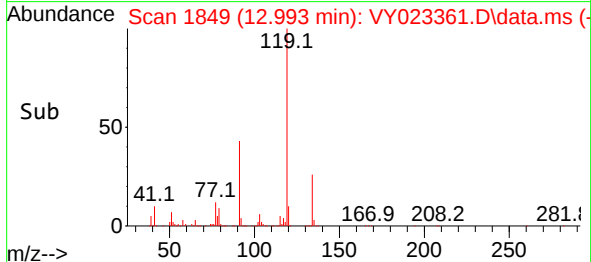
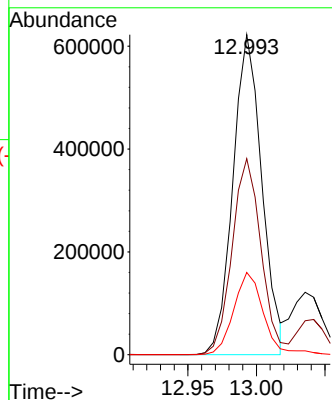
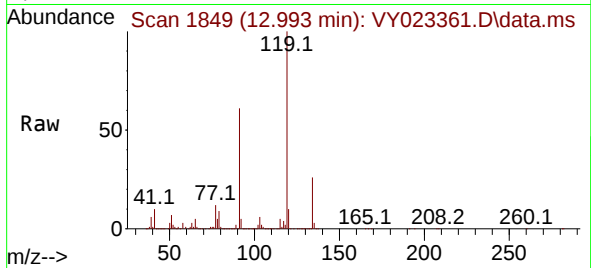




#83
tert-Butylbenzene
Concen: 49.941 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

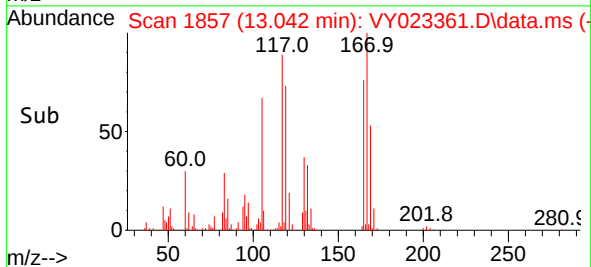
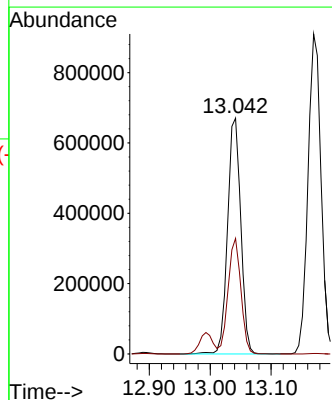
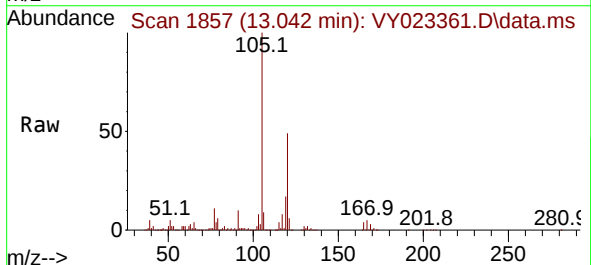
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

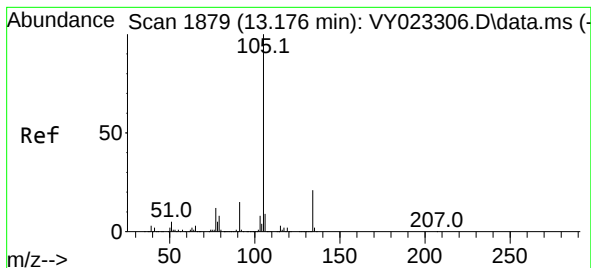
Tgt Ion:119 Resp: 915143
Ion Ratio Lower Upper
119 100
91 61.6 31.6 94.8
134 26.6 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 50.483 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:105 Resp: 1010442
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.511 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

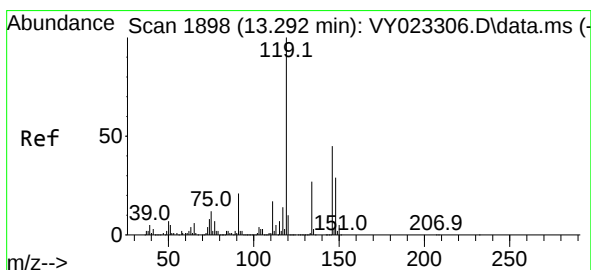
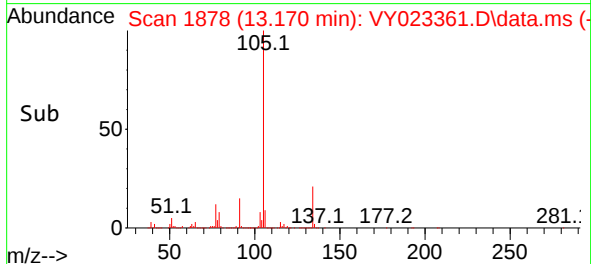
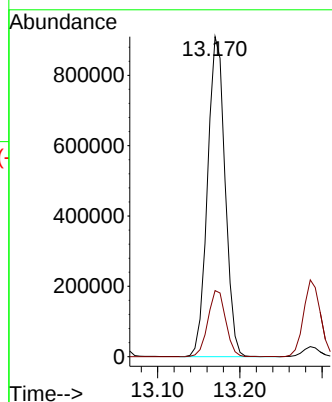
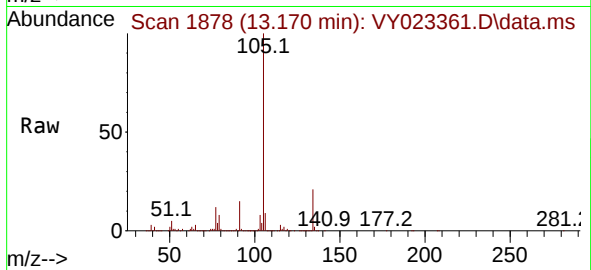
VSTDCCC050EC

Tgt Ion:105 Resp: 1346730

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 51.235 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

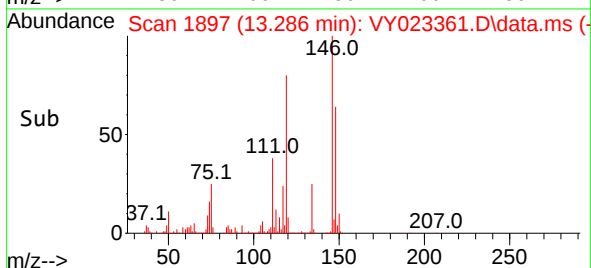
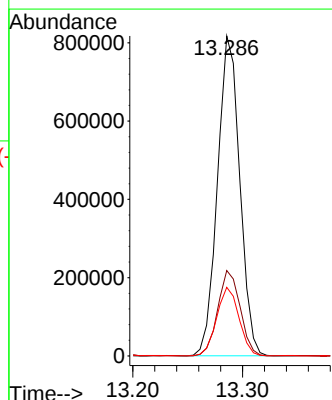
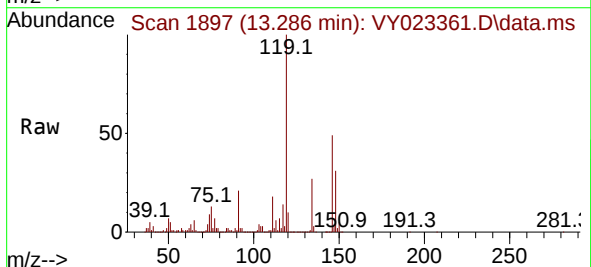
Tgt Ion:119 Resp: 1153887

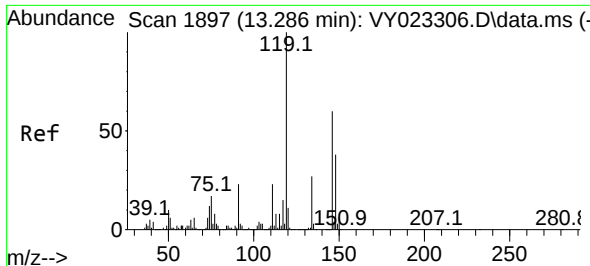
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 21.5 11.3 33.8

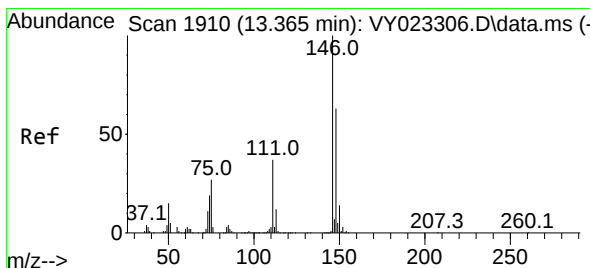
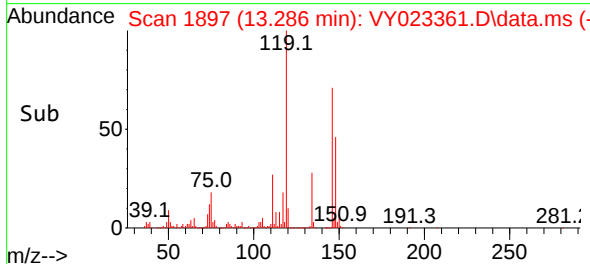
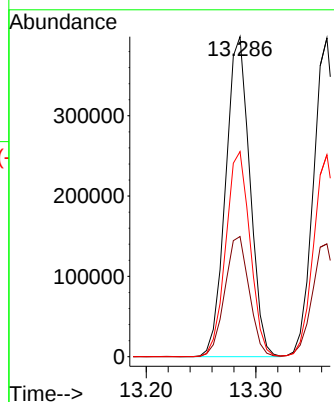
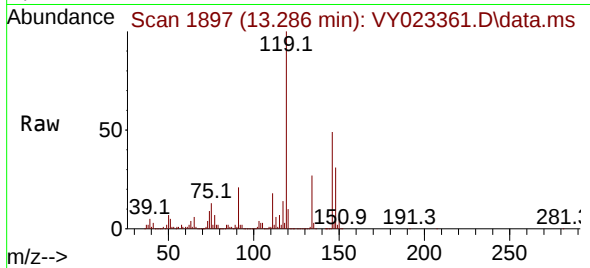




#87
1,3-Dichlorobenzene
Concen: 48.615 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

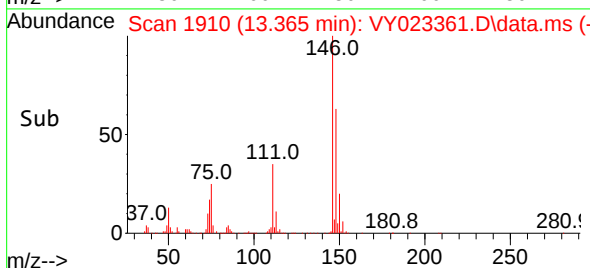
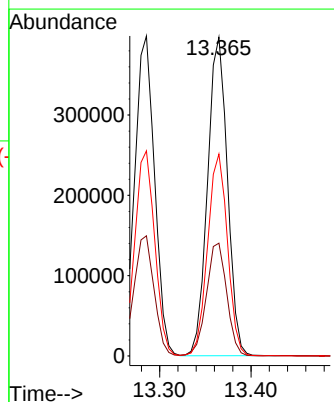
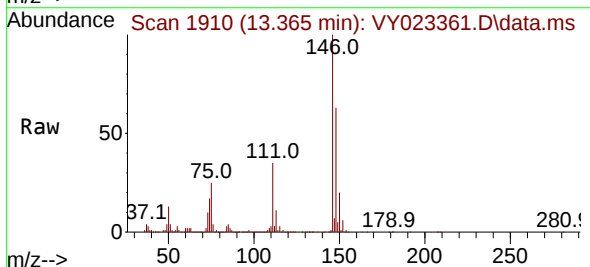
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

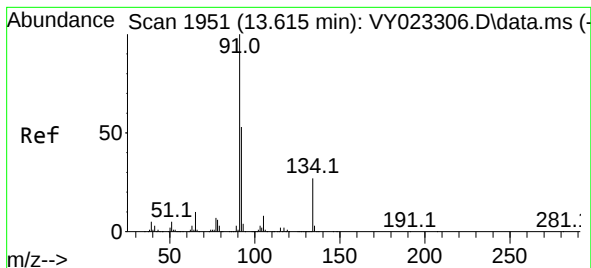
Tgt Ion:146 Resp: 611399
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.7
148 64.3 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 47.965 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:146 Resp: 597475
Ion Ratio Lower Upper
146 100
111 36.2 19.1 57.1
148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 50.782 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

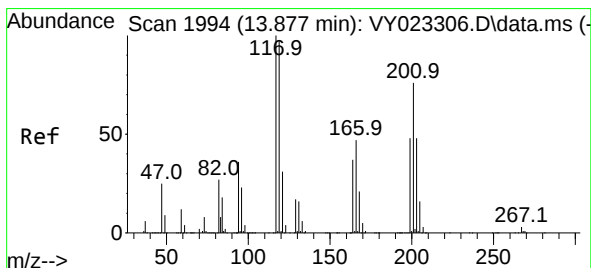
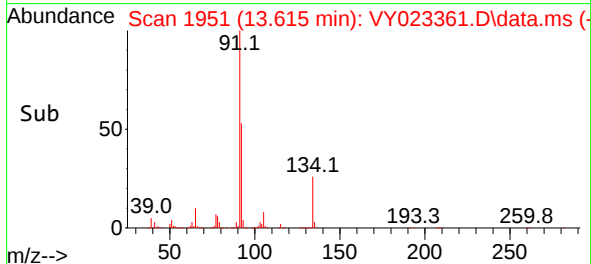
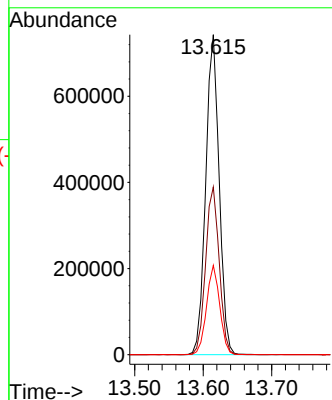
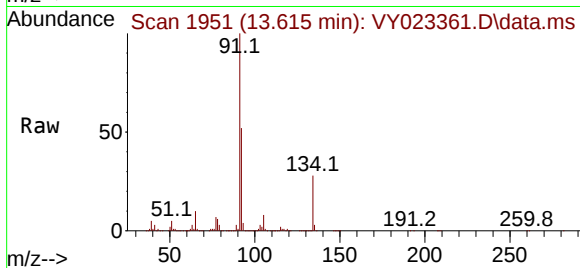
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1014294

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	27.5	13.2	39.5



#90

Hexachloroethane

Concen: 47.824 ug/l

RT: 13.877 min Scan# 1994

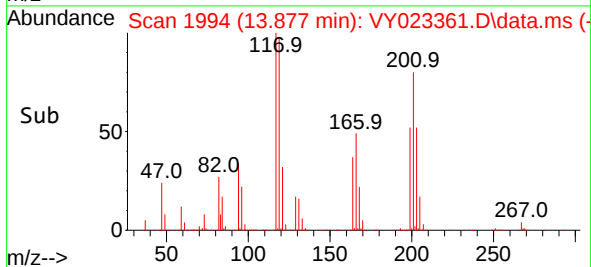
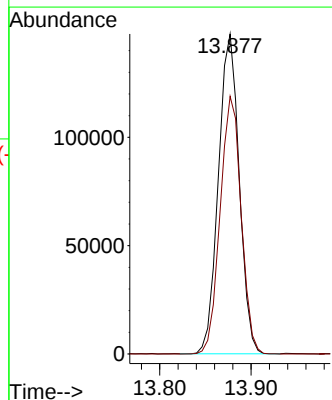
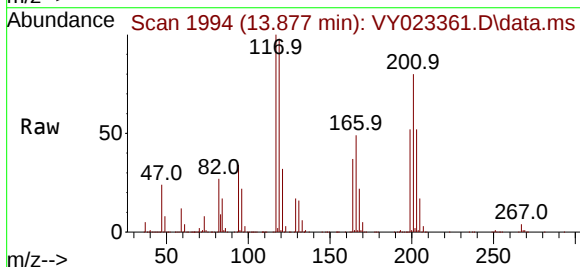
Delta R.T. 0.006 min

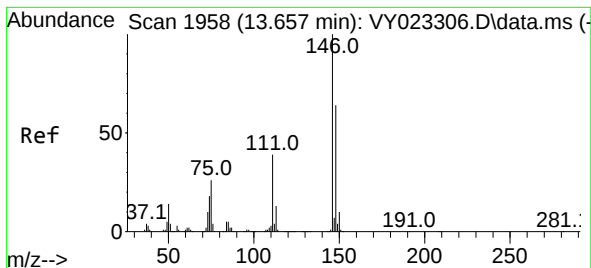
Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Tgt Ion: 117 Resp: 233503

Ion	Ratio	Lower	Upper
117	100		
201	81.1	38.4	115.1





#91

1,2-Dichlorobenzene

Concen: 49.064 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

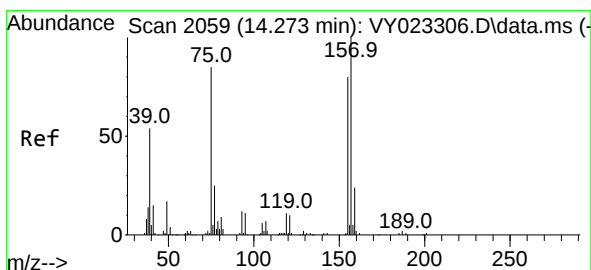
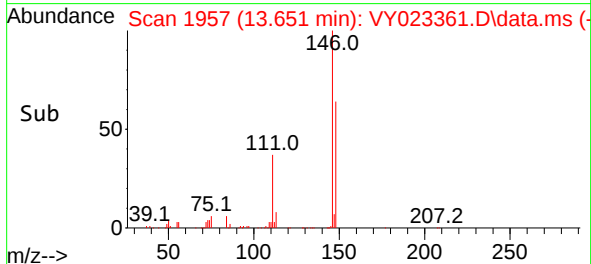
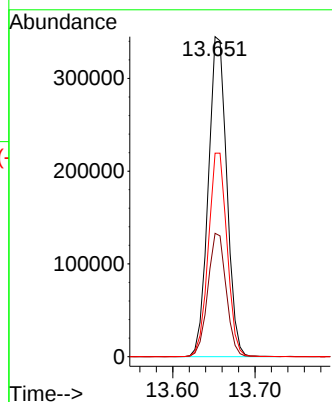
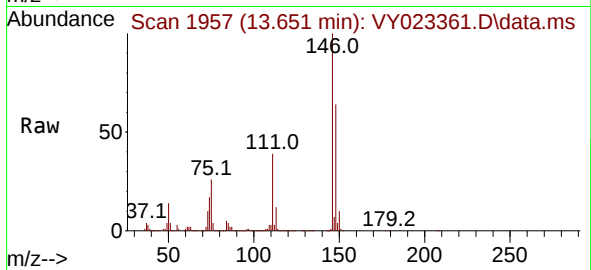
Tgt Ion:146 Resp: 537997

Ion Ratio Lower Upper

146 100

111 38.3 20.3 60.8

148 64.2 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.072 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023361.D

Acq: 12 Sep 2025 14:55

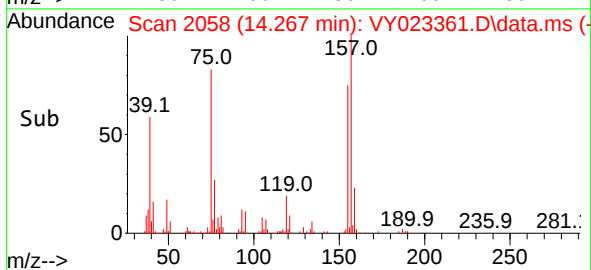
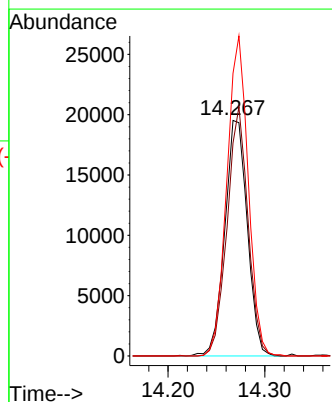
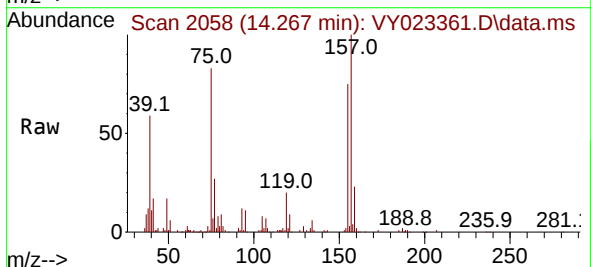
Tgt Ion: 75 Resp: 31492

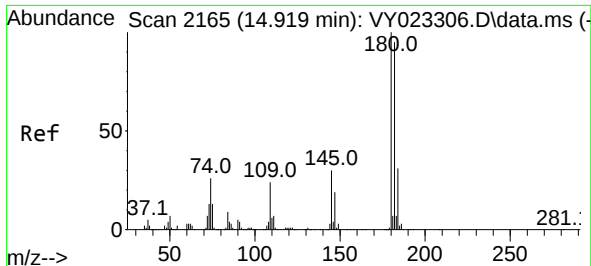
Ion Ratio Lower Upper

75 100

155 98.0 43.9 131.6

157 129.0 57.2 171.6

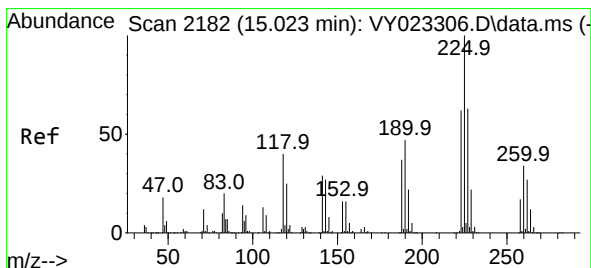
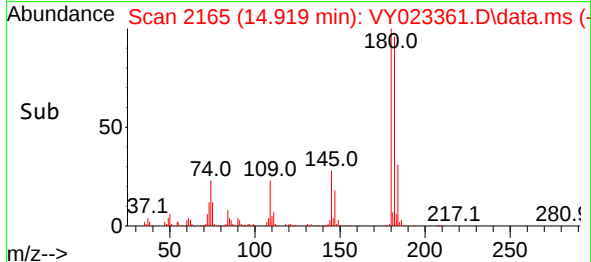
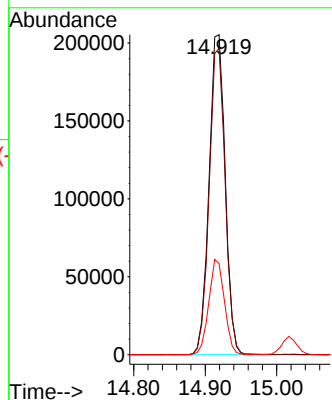
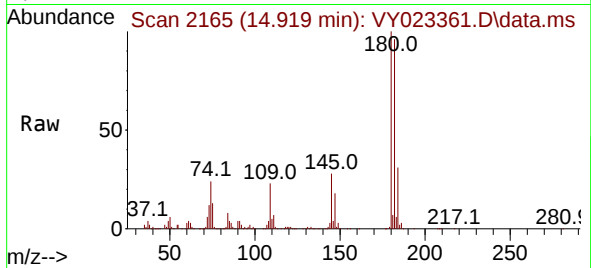




#93
 1,2,4-Trichlorobenzene
 Concen: 50.390 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.006 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

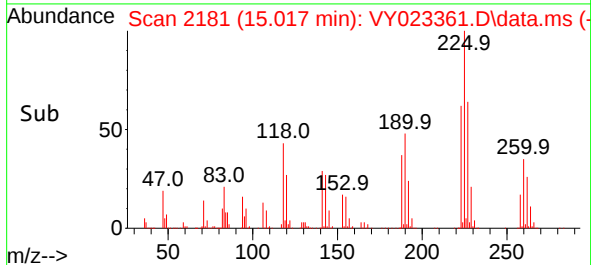
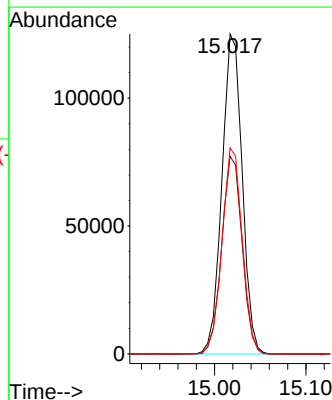
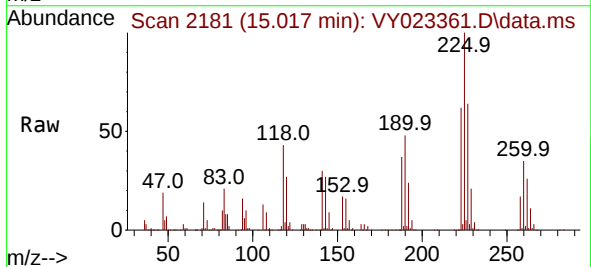
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

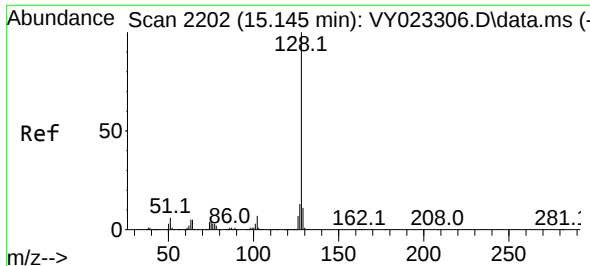
Tgt Ion:180 Resp: 322301
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.8 140.4
 145 29.0 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 48.635 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY023361.D
 Acq: 12 Sep 2025 14:55

Tgt Ion:225 Resp: 192335
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 64.6 31.5 94.5

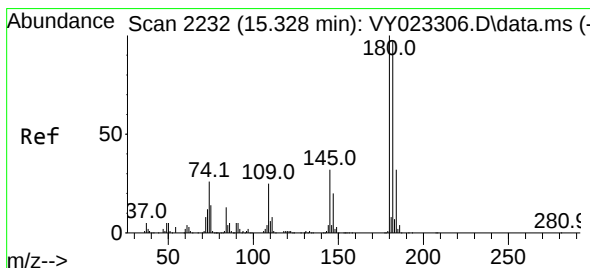
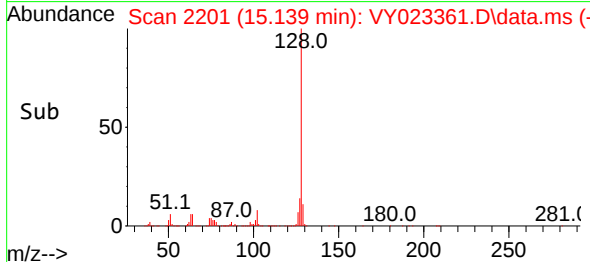
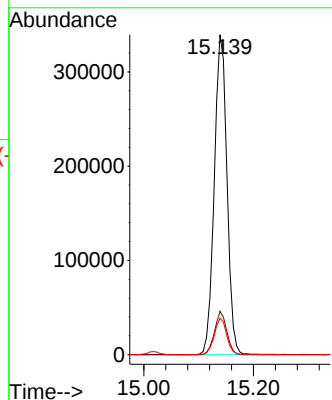
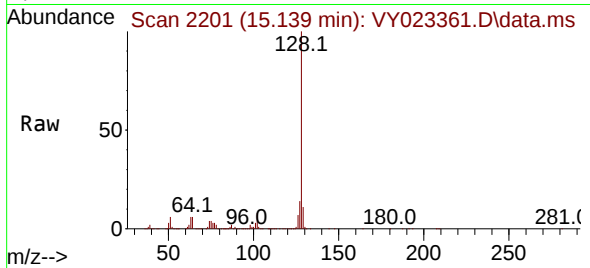




#95
Naphthalene
Concen: 53.027 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 545150
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 50.406 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY023361.D
Acq: 12 Sep 2025 14:55

Tgt Ion:180 Resp: 279996
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.7
145 31.0 15.9 47.7

