

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY023013.D
 Acq On : 18 Jul 2025 21:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 19 04:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	377955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	625472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	554651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	276744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228310	59.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.340%	
35) Dibromofluoromethane	7.634	113	208746	52.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.220%	
50) Toluene-d8	10.109	98	806530	51.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.402	95	261655	52.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	140807	43.876	ug/l	99
3) Chloromethane	2.068	50	323218	59.231	ug/l	98
4) Vinyl Chloride	2.202	62	394077	57.002	ug/l	98
5) Bromomethane	2.592	94	311918	62.514	ug/l	99
6) Chloroethane	2.733	64	280147	60.674	ug/l	98
7) Trichlorofluoromethane	3.050	101	436004	54.329	ug/l	100
8) Diethyl Ether	3.458	74	111442	53.057	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	199499	47.321	ug/l	99
10) Methyl Iodide	4.001	142	217070	49.563	ug/l	100
11) Tert butyl alcohol	4.879	59	71247	307.901	ug/l	98
12) 1,1-Dichloroethene	3.787	96	188473	46.929	ug/l	93
13) Acrolein	3.659	56	16998	156.327	ug/l	99
14) Allyl chloride	4.385	41	306078	50.025	ug/l	98
15) Acrylonitrile	5.061	53	248330	312.136	ug/l	100
16) Acetone	3.879	43	181109	261.129	ug/l	97
17) Carbon Disulfide	4.104	76	580997	47.733	ug/l	100
18) Methyl Acetate	4.385	43	172195	73.334	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	554451	57.557	ug/l	100
20) Methylene Chloride	4.616	84	265399	55.283	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	219497	49.098	ug/l	100
22) Diisopropyl ether	6.019	45	718593	55.360	ug/l	99
23) Vinyl Acetate	5.964	43	1900129	290.523	ug/l	99
24) 1,1-Dichloroethane	5.915	63	421017	51.640	ug/l	99
25) 2-Butanone	6.896	43	308999	310.560	ug/l	99
26) 2,2-Dichloropropane	6.884	77	315802	44.197	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	262480	50.944	ug/l	98
28) Bromochloromethane	7.244	49	178147	56.337	ug/l	96
29) Tetrahydrofuran	7.262	42	209494	332.560	ug/l	99
30) Chloroform	7.421	83	432510	52.587	ug/l	98
31) Cyclohexane	7.701	56	354155	46.489	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	367493	49.245	ug/l	98
36) 1,1-Dichloropropene	7.835	75	301074	48.175	ug/l	100
37) Ethyl Acetate	6.988	43	138056	59.479	ug/l	100
38) Carbon Tetrachloride	7.817	117	316660	46.638	ug/l	97
39) Methylcyclohexane	9.109	83	374781	46.332	ug/l	99
40) Benzene	8.079	78	958949	50.962	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY023013.D
 Acq On : 18 Jul 2025 21:30
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 19 04:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	79155	62.602	ug/l	95
42) 1,2-Dichloroethane	8.158	62	263065	56.192	ug/l	99
43) Isopropyl Acetate	8.195	43	288120	62.492	ug/l #	86
44) Trichloroethene	8.866	130	233155	48.241	ug/l	98
45) 1,2-Dichloropropane	9.140	63	226109	51.456	ug/l	97
46) Dibromomethane	9.231	93	126540	55.711	ug/l	99
47) Bromodichloromethane	9.427	83	330126	52.581	ug/l	100
48) Methyl methacrylate	9.219	41	137956	61.977	ug/l	98
49) 1,4-Dioxane	9.238	88	31191	1302.771	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	778848	332.819	ug/l	99
52) Toluene	10.170	92	596148	50.957	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	290824	53.962	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	335517	51.650	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	170233	57.023	ug/l	97
56) Ethyl methacrylate	10.439	69	229815	61.668	ug/l	99
57) 1,3-Dichloropropane	10.719	76	294658	57.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	578833	317.300	ug/l	99
59) 2-Hexanone	10.762	43	511100	332.267	ug/l	100
60) Dibromochloromethane	10.914	129	219889	56.249	ug/l	100
61) 1,2-Dibromoethane	11.012	107	158224	58.364	ug/l	98
64) Tetrachloroethene	10.646	164	270447	47.704	ug/l	97
65) Chlorobenzene	11.438	112	630749	48.192	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	219714	49.218	ug/l	99
67) Ethyl Benzene	11.518	91	1115671	48.092	ug/l	99
68) m/p-Xylenes	11.627	106	853956	95.970	ug/l	100
69) o-Xylene	11.957	106	402086	48.691	ug/l	99
70) Styrene	11.969	104	691812	51.144	ug/l	99
71) Bromoform	12.133	173	123544	54.515	ug/l #	99
73) Isopropylbenzene	12.255	105	1021842	43.551	ug/l	100
74) N-amyl acetate	12.066	43	246379	55.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	177627	52.314	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	251064	72.805	ug/l #	100
77) Bromobenzene	12.530	156	235710	46.319	ug/l	98
78) n-propylbenzene	12.597	91	1217148	43.562	ug/l	100
79) 2-Chlorotoluene	12.676	91	700498	44.577	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	828035	44.746	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	57844	49.960	ug/l	99
82) 4-Chlorotoluene	12.773	91	726082	45.812	ug/l	99
83) tert-Butylbenzene	12.999	119	730508	43.702	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	830661	45.601	ug/l	99
85) sec-Butylbenzene	13.176	105	1071926	42.792	ug/l	100
86) p-Isopropyltoluene	13.292	119	879278	43.220	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	467908	45.562	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	452749	45.571	ug/l	100
89) n-Butylbenzene	13.615	91	787148	41.930	ug/l	99
90) Hexachloroethane	13.877	117	181698	43.138	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	413591	47.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29548	58.609	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	210940	46.196	ug/l	99
94) Hexachlorobutadiene	15.023	225	106361	36.947	ug/l	99
95) Naphthalene	15.145	128	411528	56.191	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	185268	49.139	ug/l	99

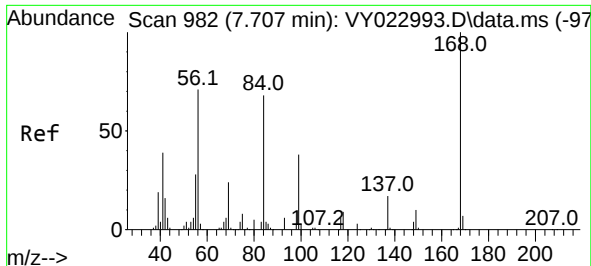
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
Data File : VY023013.D
Acq On : 18 Jul 2025 21:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 19 04:47:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

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

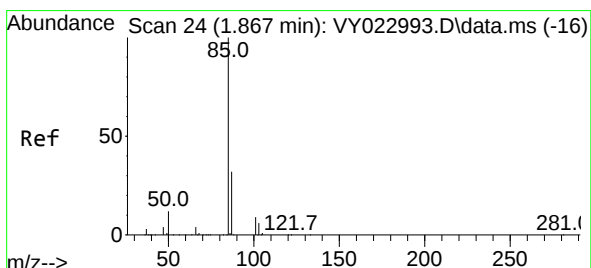
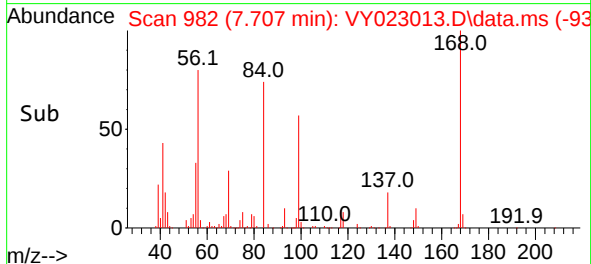
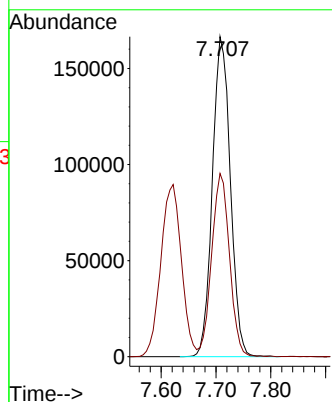
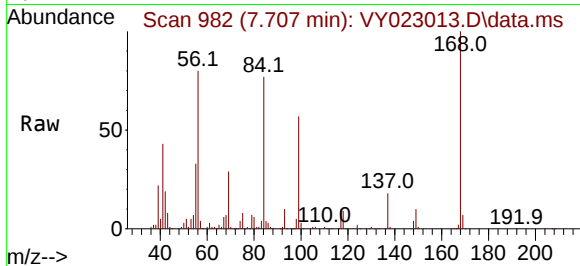
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

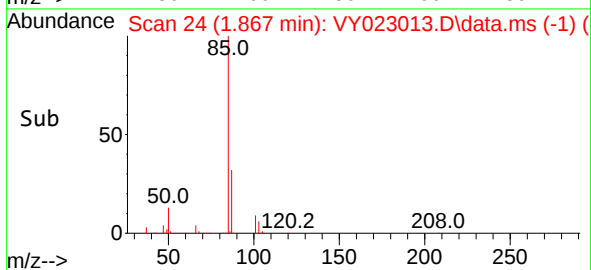
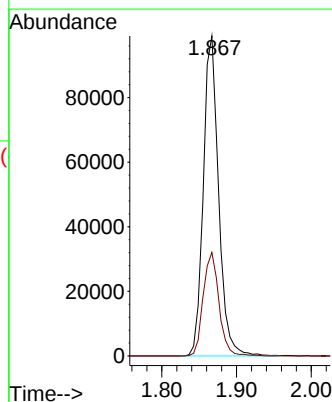
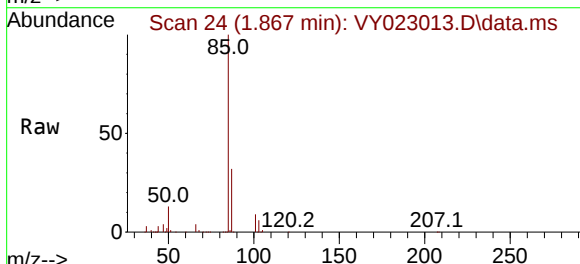
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

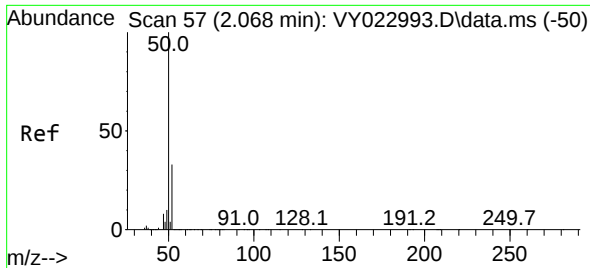
Tgt Ion:168 Resp: 377955
Ion Ratio Lower Upper
168 100
99 57.2 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 43.876 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 85 Resp: 140807
Ion Ratio Lower Upper
85 100
87 32.4 16.0 47.9

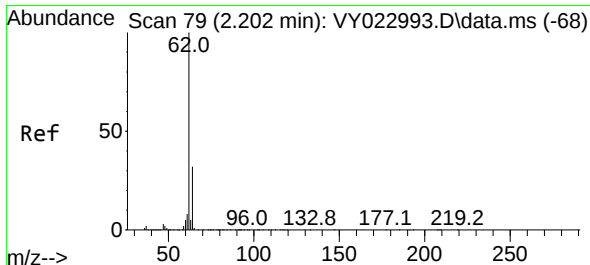
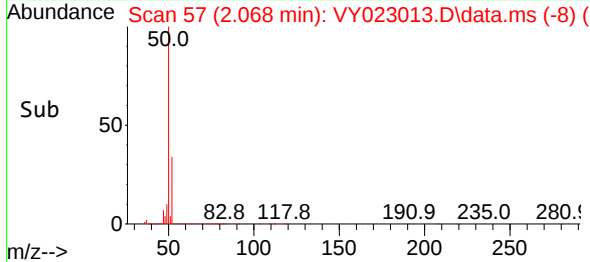
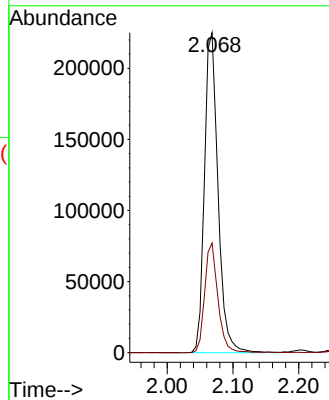
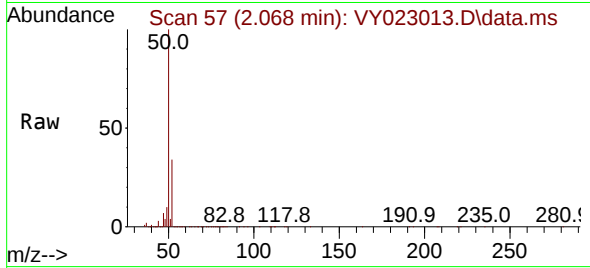




#3
Chloromethane
Concen: 59.231 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

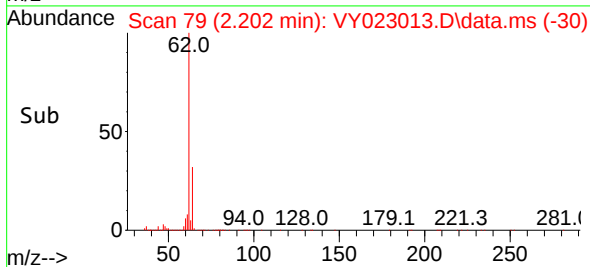
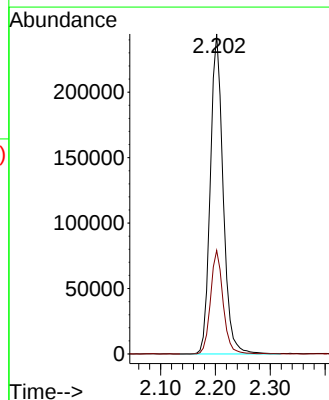
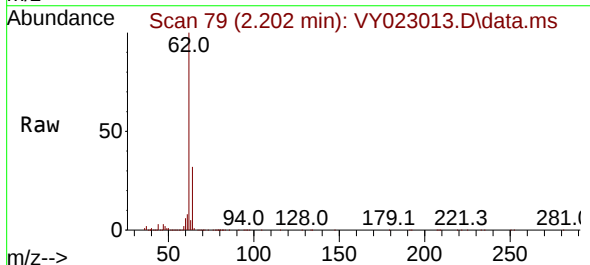
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

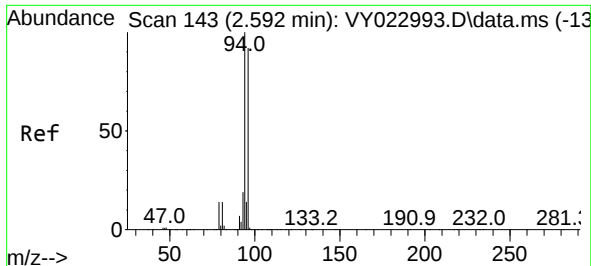
Tgt Ion: 50 Resp: 323218
Ion Ratio Lower Upper
50 100
52 34.3 26.6 39.8



#4
Vinyl Chloride
Concen: 57.002 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 62 Resp: 394077
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8

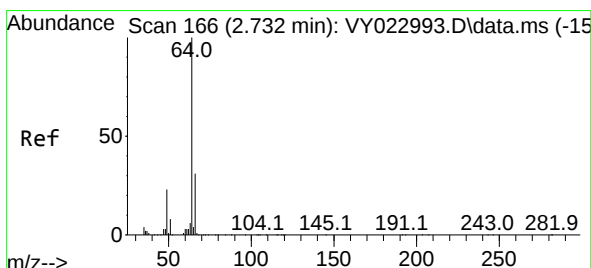
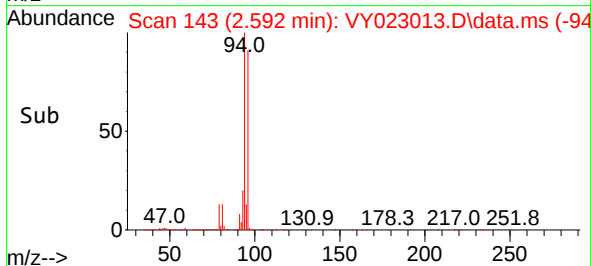
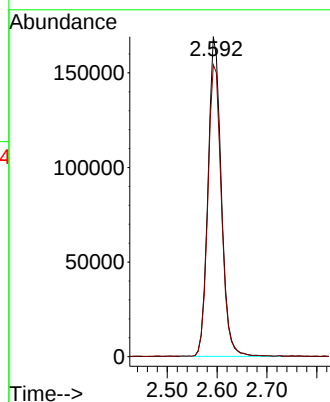
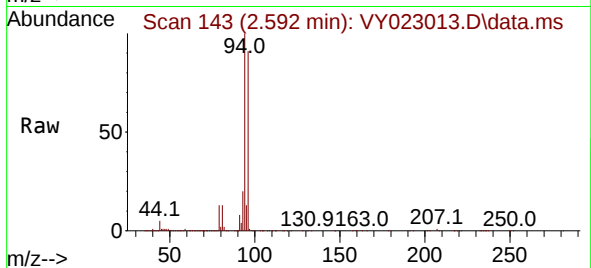




#5
Bromomethane
Concen: 62.514 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

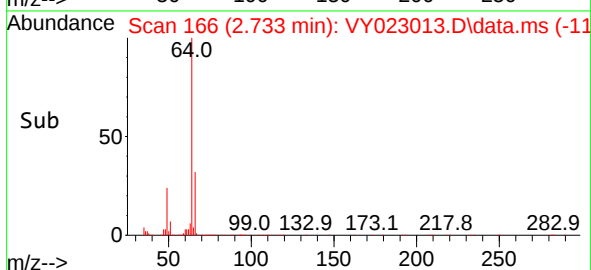
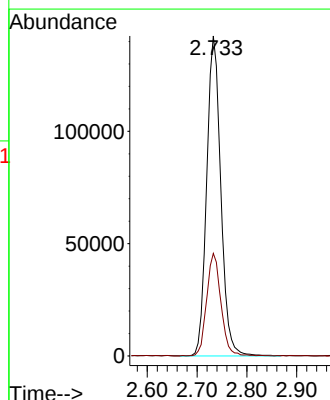
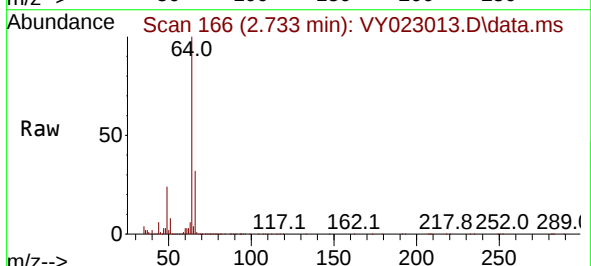
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

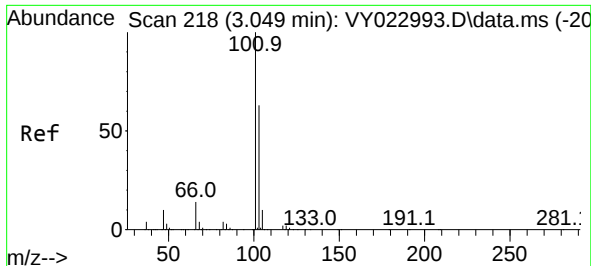
Tgt Ion: 94 Resp: 311918
Ion Ratio Lower Upper
94 100
96 91.1 73.9 110.9



#6
Chloroethane
Concen: 60.674 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 64 Resp: 280147
Ion Ratio Lower Upper
64 100
66 32.0 24.9 37.3

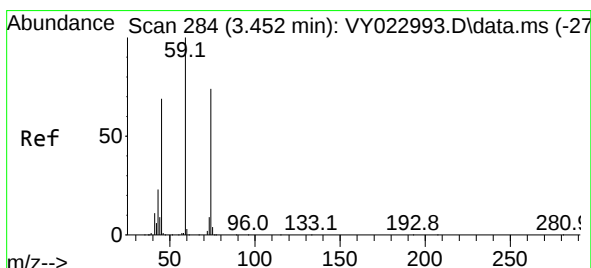
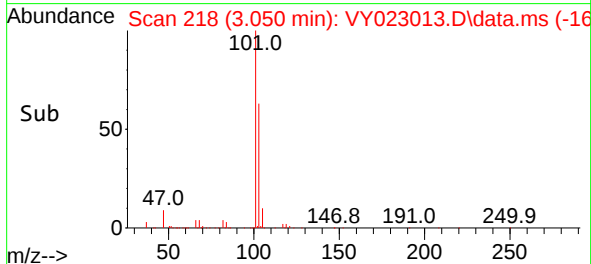
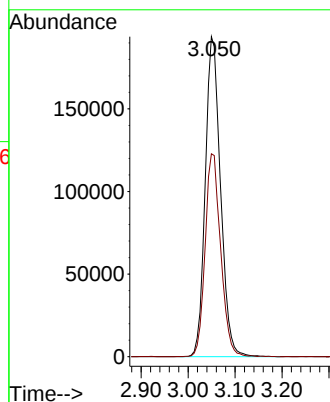
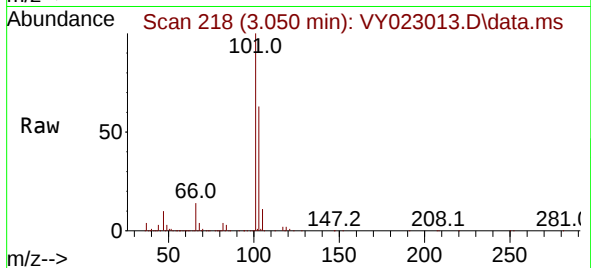




#7
 Trichlorofluoromethane
 Concen: 54.329 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

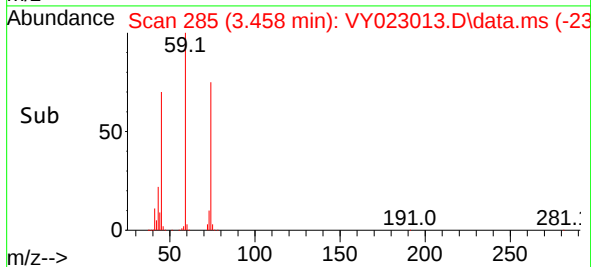
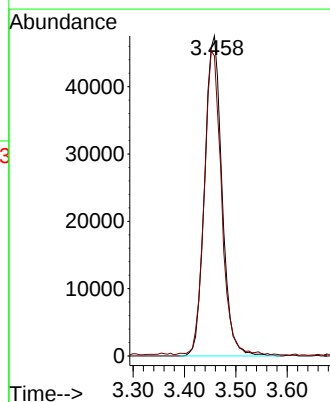
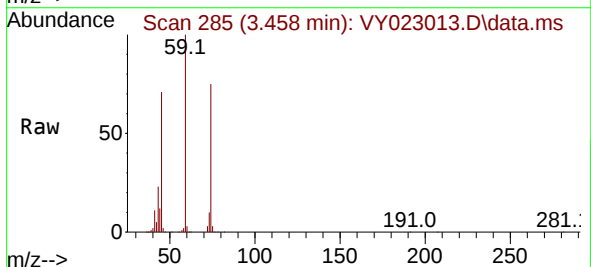
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

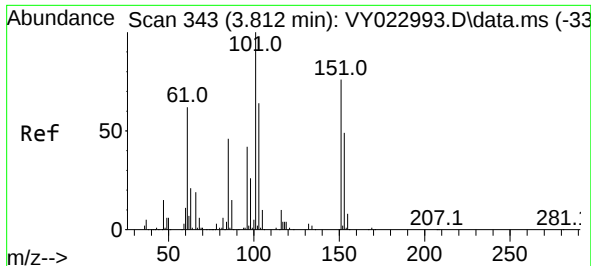
Tgt Ion:101 Resp: 436004
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 53.057 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

Tgt Ion: 74 Resp: 111442
 Ion Ratio Lower Upper
 74 100
 45 95.3 45.1 135.2

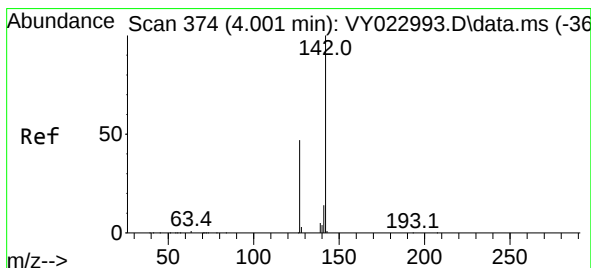
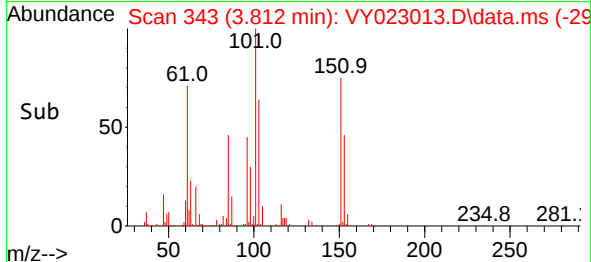
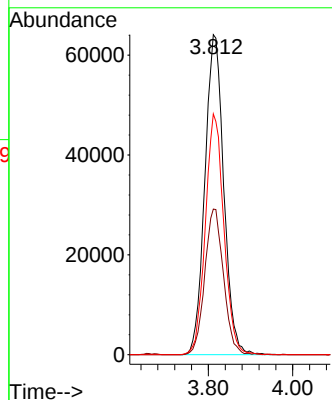
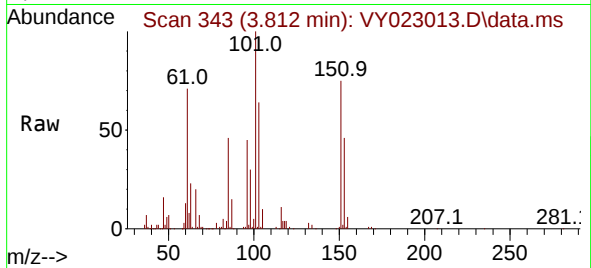




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.321 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

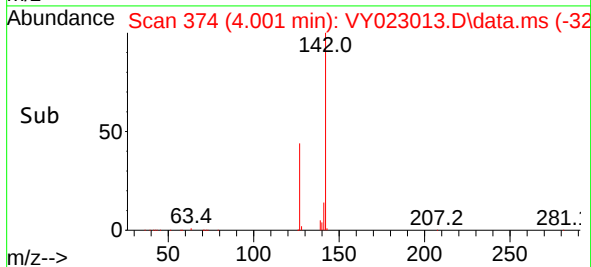
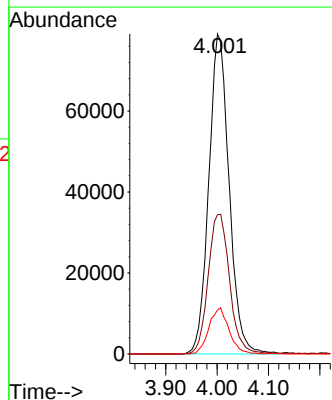
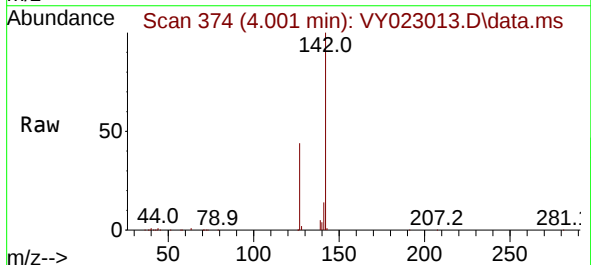
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

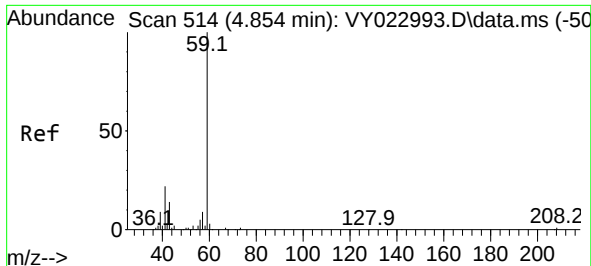
Tgt Ion:101 Resp: 199499
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 73.9 59.7 89.5



#10
Methyl Iodide
Concen: 49.563 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion:142 Resp: 217070
Ion Ratio Lower Upper
142 100
127 46.0 37.0 55.6
141 14.3 11.4 17.2

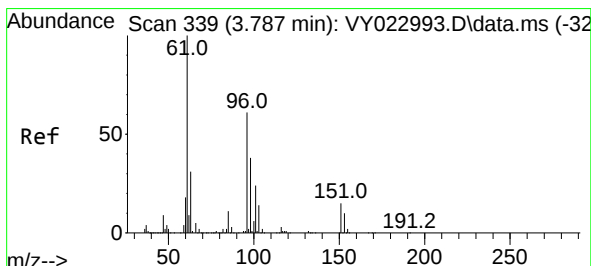
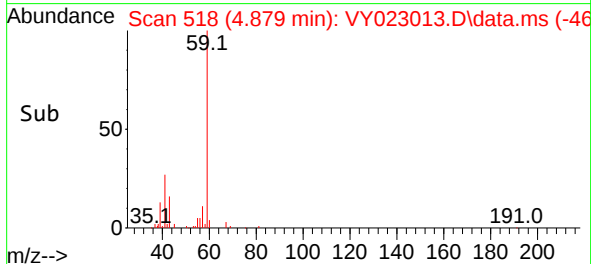
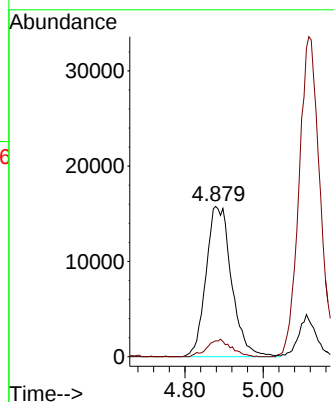
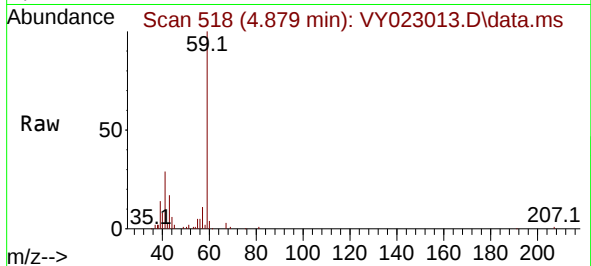




#11
Tert butyl alcohol
Concen: 307.901 ug/l
RT: 4.879 min Scan# 514
Delta R.T. 0.025 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

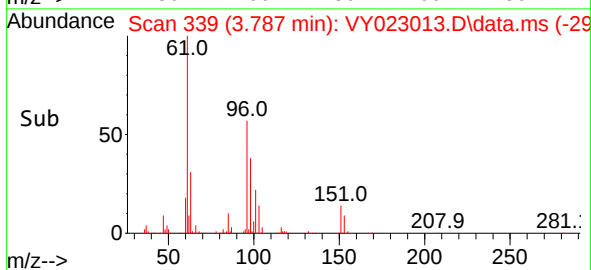
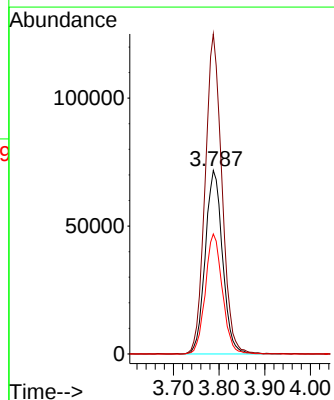
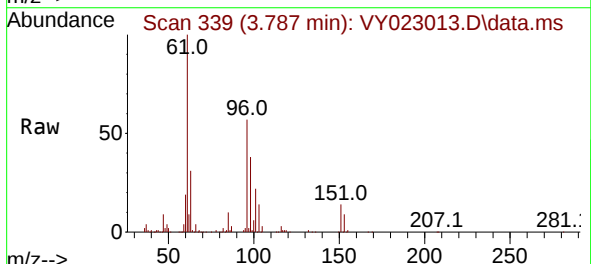
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

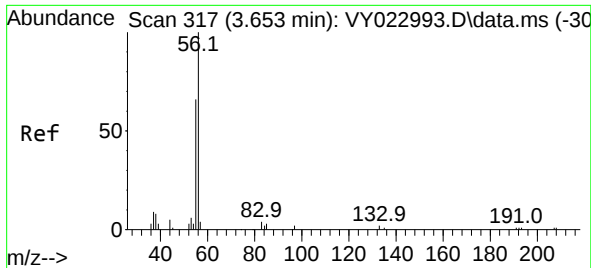
Tgt Ion: 59 Resp: 71247
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.929 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 96 Resp: 188473
Ion Ratio Lower Upper
96 100
61 174.4 130.4 195.6
98 65.4 49.6 74.4





#13

Acrolein

Concen: 156.327 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

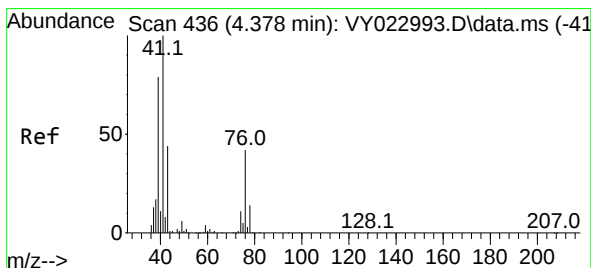
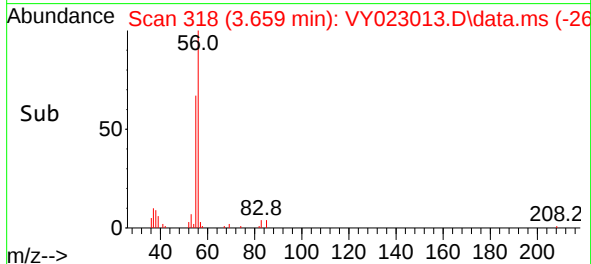
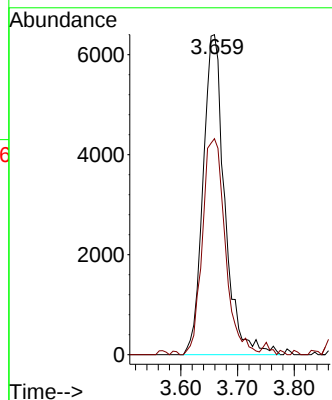
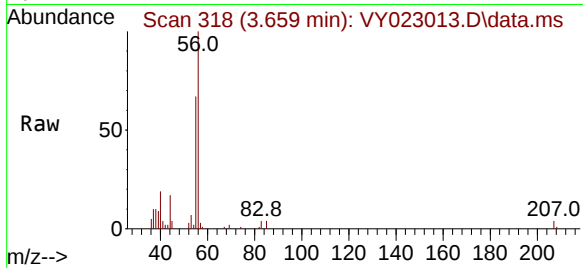
VSTDCCC050EC

Tgt Ion: 56 Resp: 16998

Ion Ratio Lower Upper

56 100

55 71.1 57.8 86.6



#14

Allyl chloride

Concen: 50.025 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

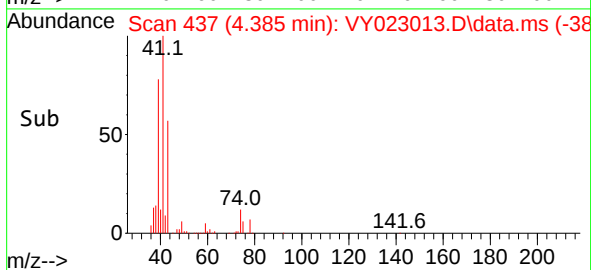
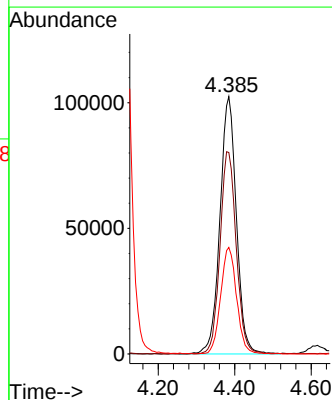
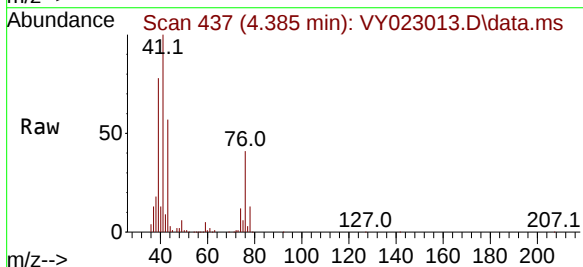
Tgt Ion: 41 Resp: 306078

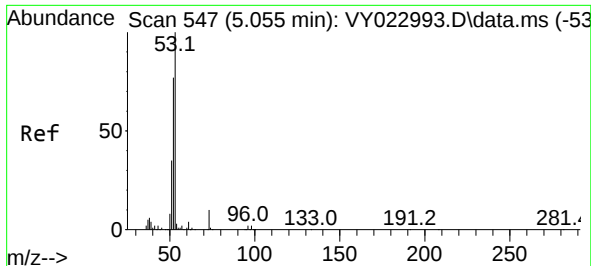
Ion Ratio Lower Upper

41 100

39 77.7 60.1 90.1

76 40.1 32.2 48.4

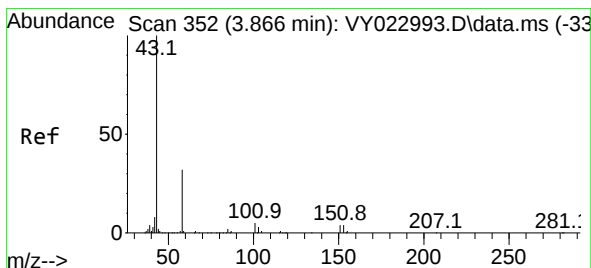
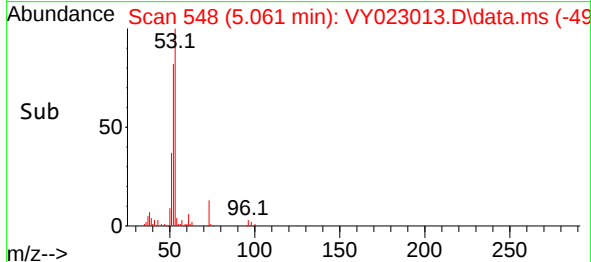
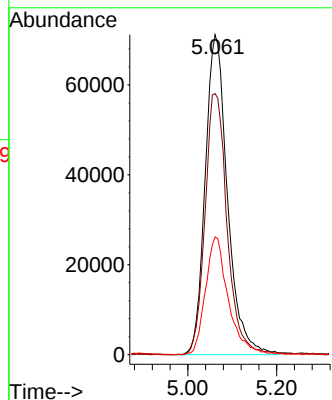
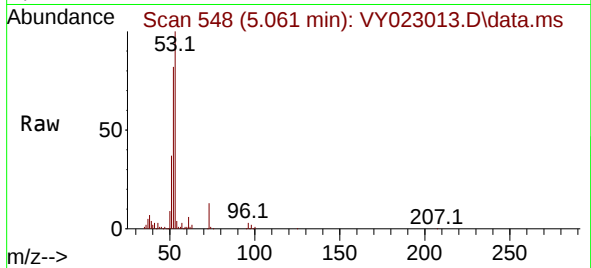




#15
Acrylonitrile
Concen: 312.136 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

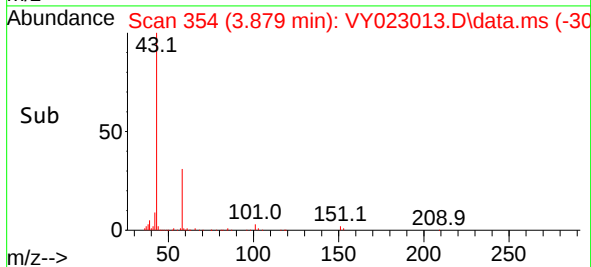
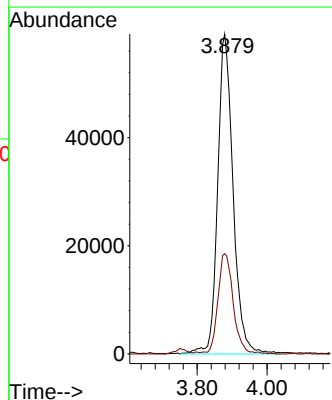
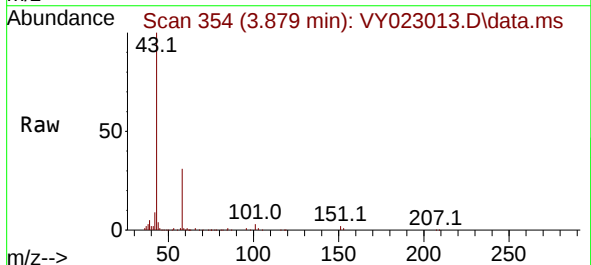
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

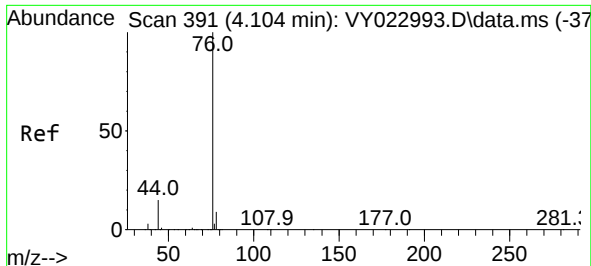
Tgt Ion: 53 Resp: 248330
Ion Ratio Lower Upper
53 100
52 81.3 65.2 97.8
51 37.8 30.3 45.5



#16
Acetone
Concen: 261.129 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 43 Resp: 181109
Ion Ratio Lower Upper
43 100
58 31.4 26.2 39.4

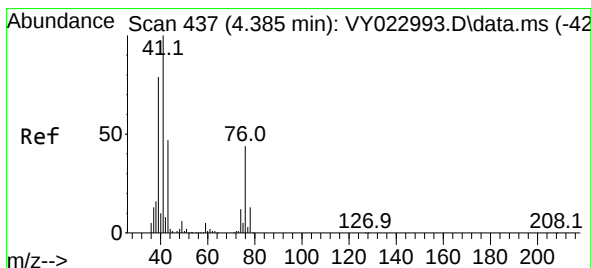
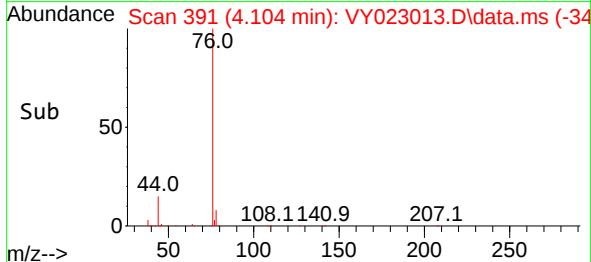
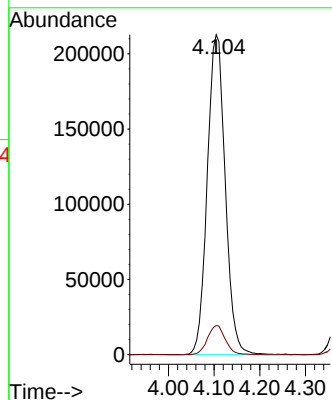
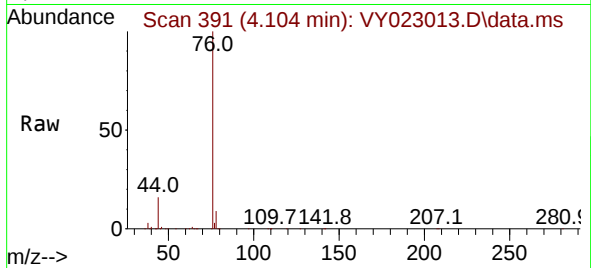




#17
Carbon Disulfide
Concen: 47.733 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

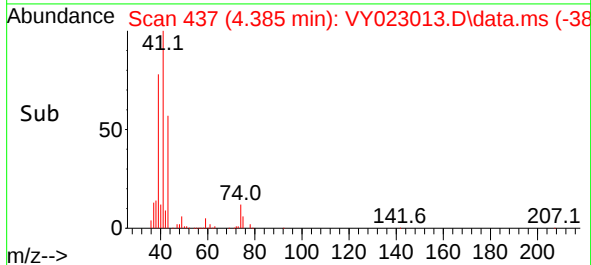
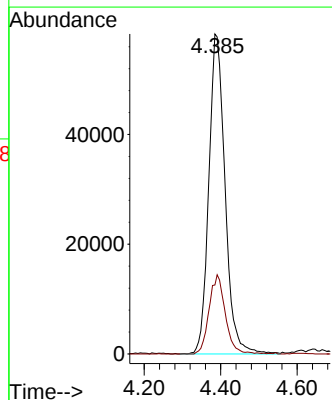
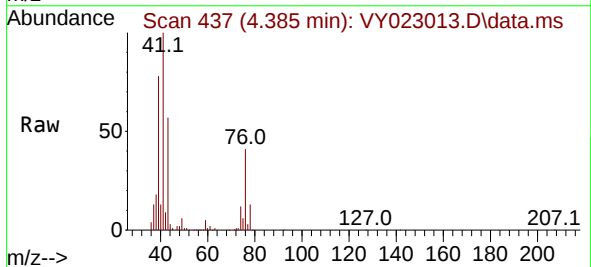
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

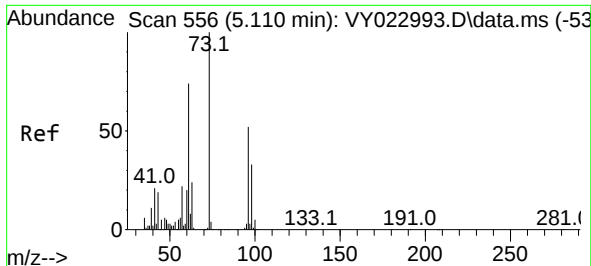
Tgt Ion: 76 Resp: 580997
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 73.334 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 43 Resp: 172195
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 57.557 ug/l

RT: 5.110 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

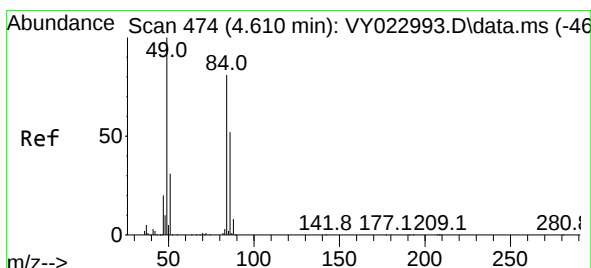
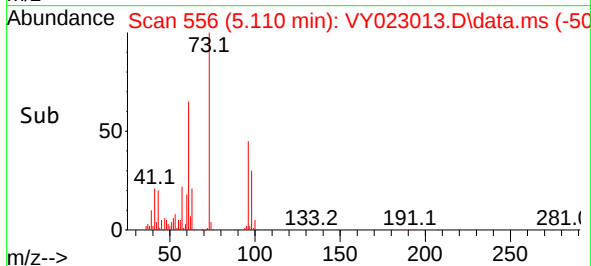
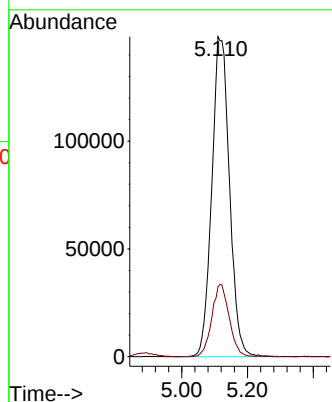
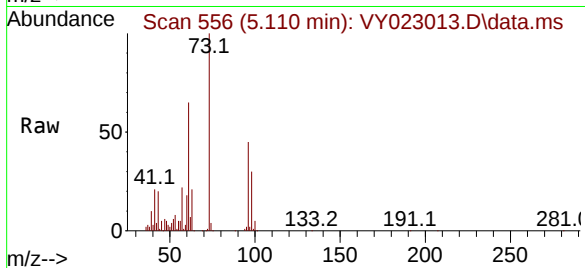
VSTDCCC050EC

Tgt Ion: 73 Resp: 554451

Ion Ratio Lower Upper

73 100

57 21.8 17.4 26.2



#20

Methylene Chloride

Concen: 55.283 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Tgt Ion: 84 Resp: 265399

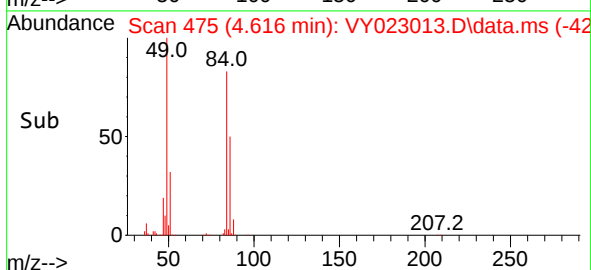
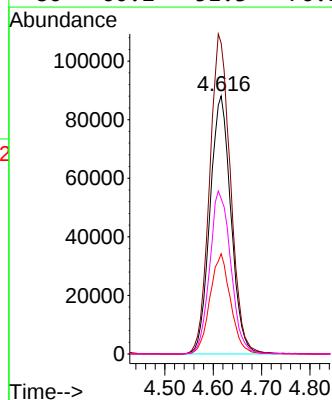
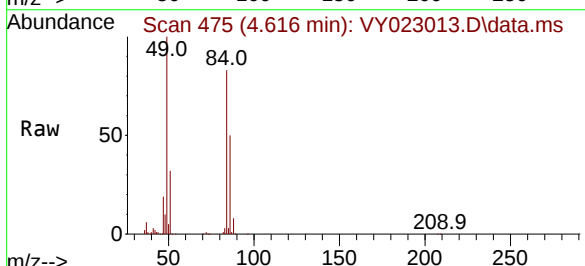
Ion Ratio Lower Upper

84 100

49 120.4 98.2 147.4

51 38.8 30.5 45.7

86 60.2 51.3 76.9

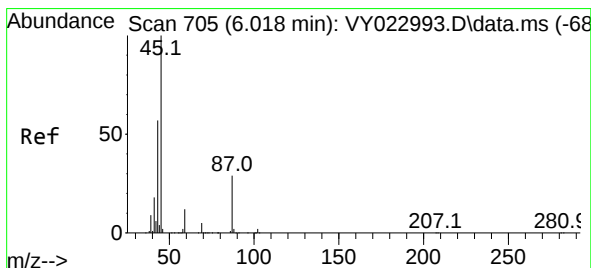
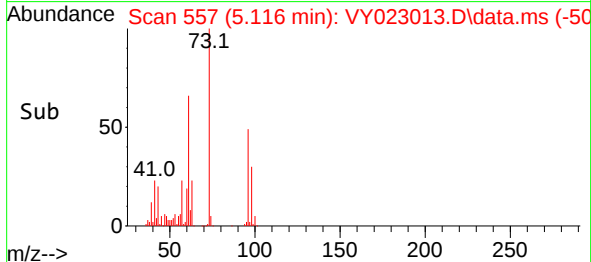
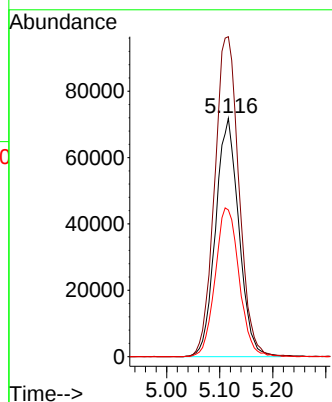
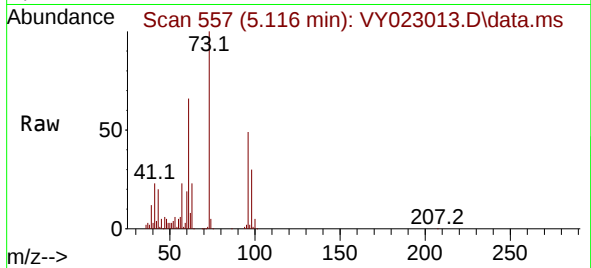




#21
trans-1,2-Dichloroethene
Concen: 49.098 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

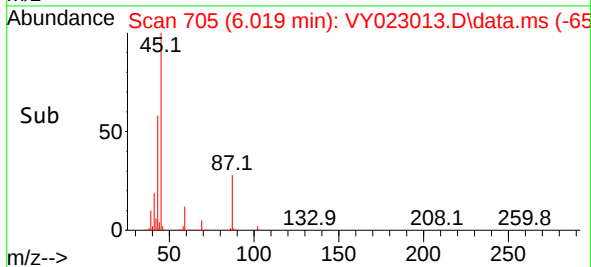
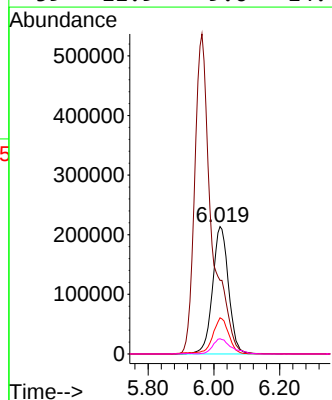
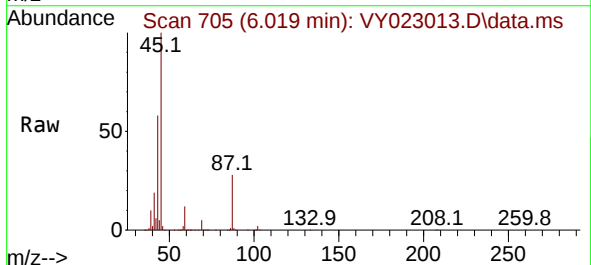
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 219497
Ion Ratio Lower Upper
96 100
61 134.2 107.4 161.2
98 61.5 49.3 73.9



#22
Diisopropyl ether
Concen: 55.360 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 45 Resp: 718593
Ion Ratio Lower Upper
45 100
43 57.6 45.3 67.9
87 28.4 23.3 34.9
59 11.9 9.6 14.4

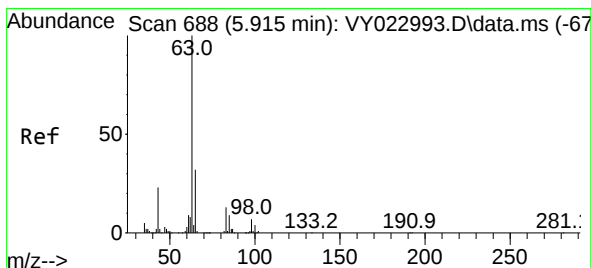
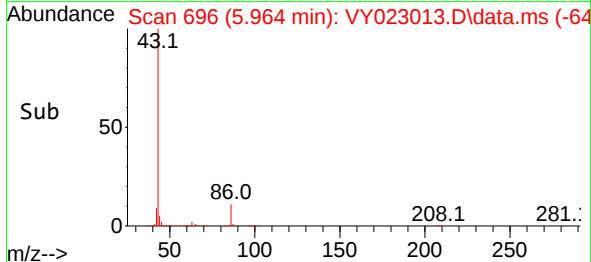
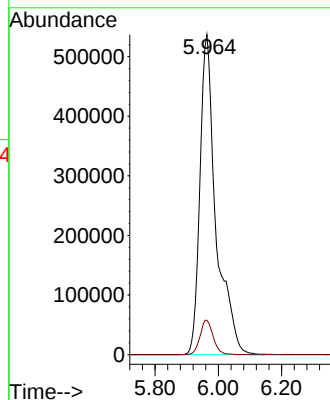
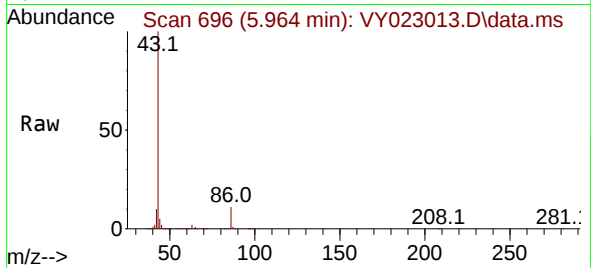




#23
 Vinyl Acetate
 Concen: 290.523 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

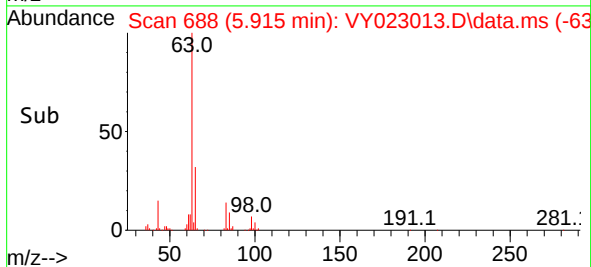
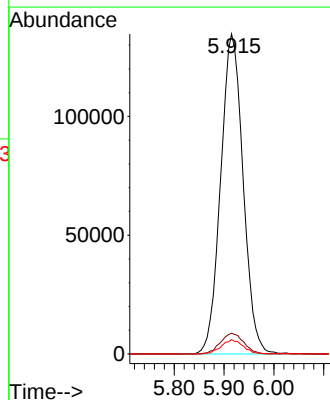
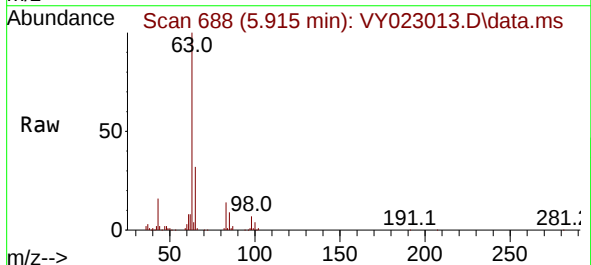
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

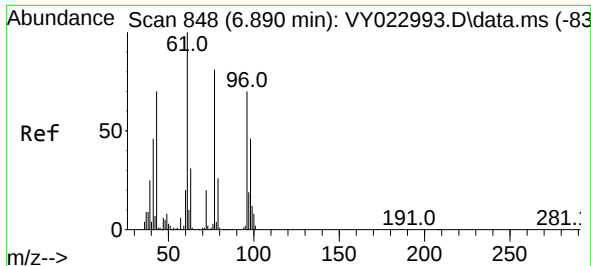
Tgt Ion: 43 Resp: 1900129
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 51.640 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

Tgt Ion: 63 Resp: 421017
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.5
 100 4.5 2.1 6.2

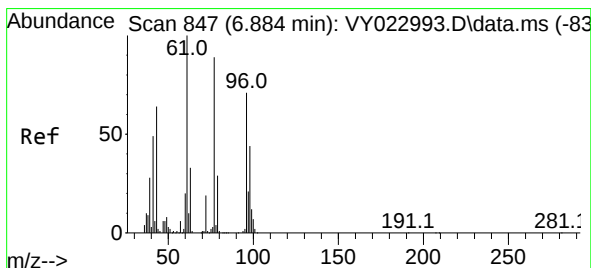
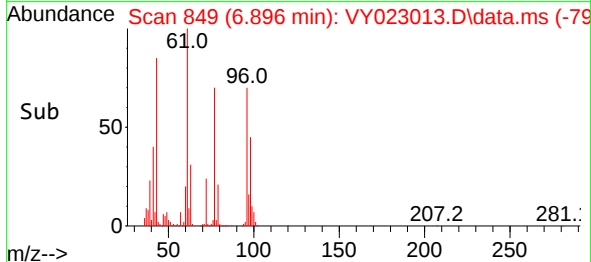
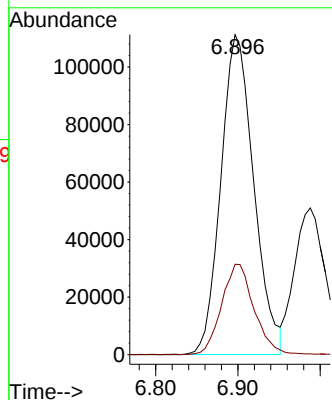
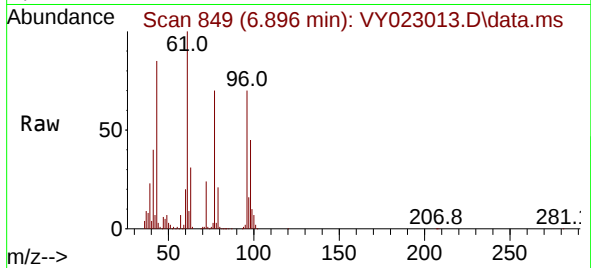




#25
2-Butanone
Concen: 310.560 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

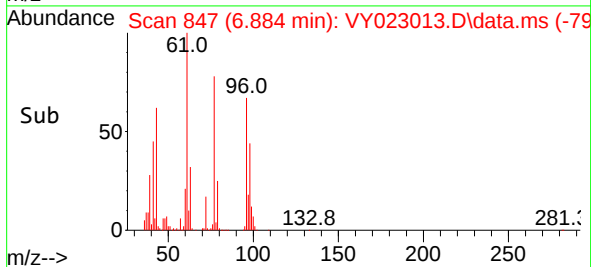
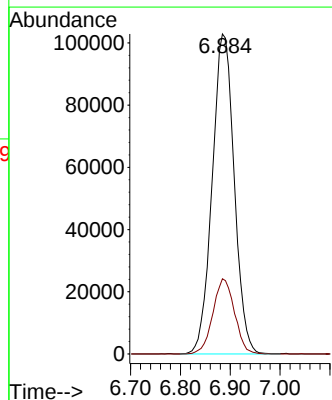
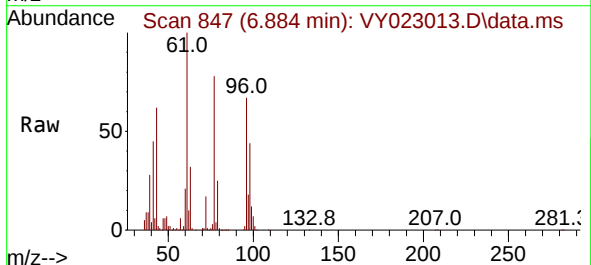
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

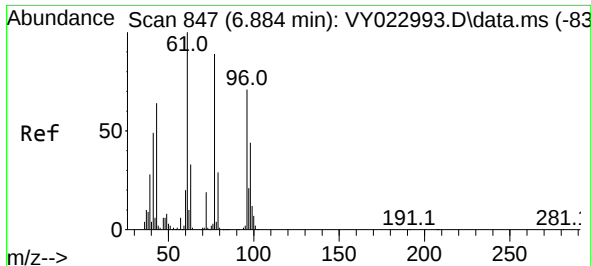
Tgt Ion: 43 Resp: 308999
Ion Ratio Lower Upper
43 100
72 28.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 44.197 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 77 Resp: 315802
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.9

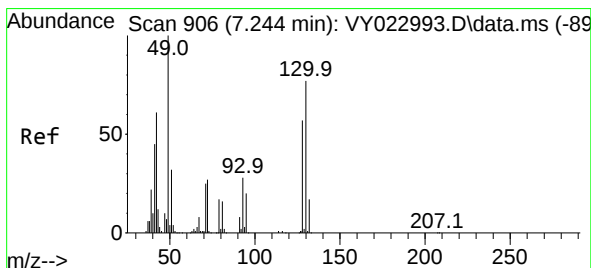
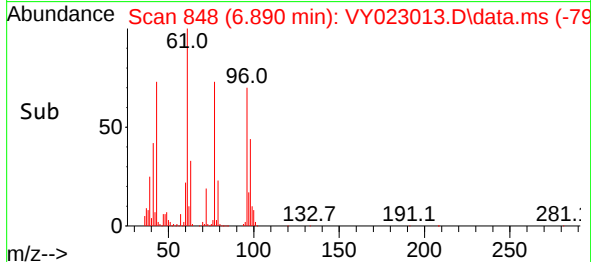
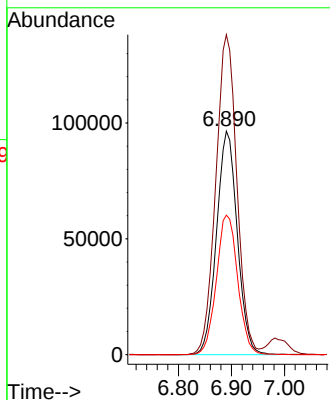
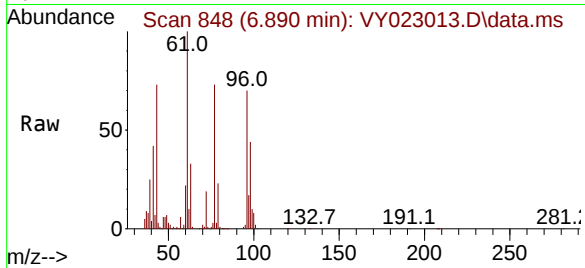




#27
 cis-1,2-Dichloroethene
 Concen: 50.944 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

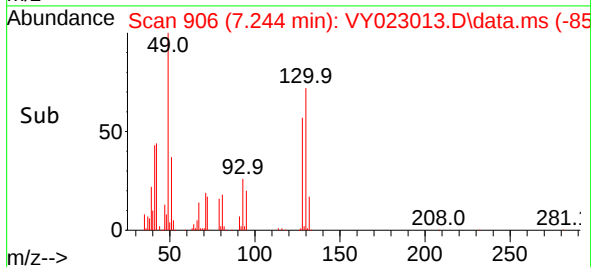
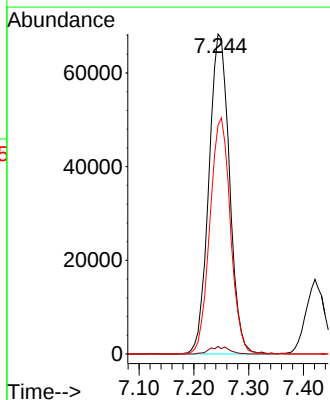
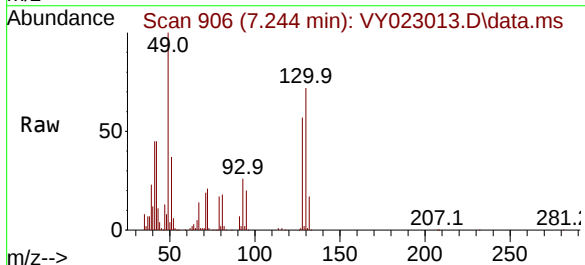
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

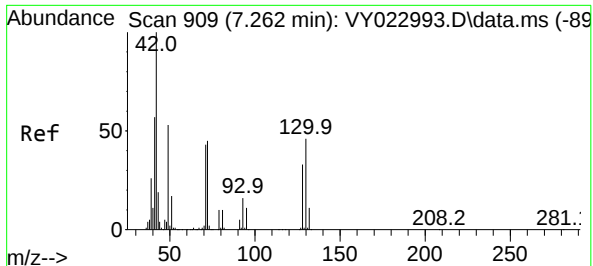
Tgt Ion: 96 Resp: 262480
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 286.2
 98 64.4 0.0 127.4



#28
 Bromochloromethane
 Concen: 56.337 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

Tgt Ion: 49 Resp: 178147
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 73.4 61.8 92.8





#29

Tetrahydrofuran

Concen: 332.560 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

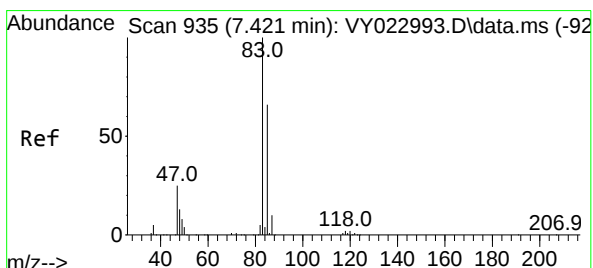
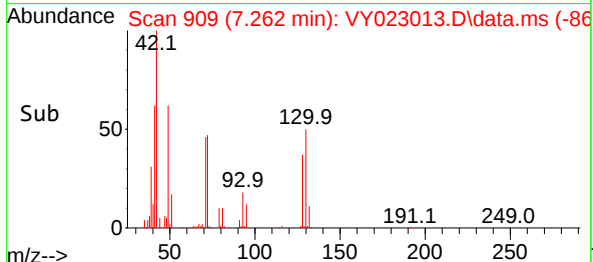
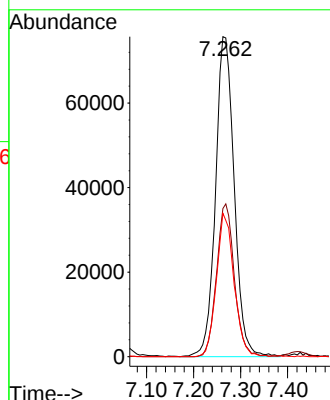
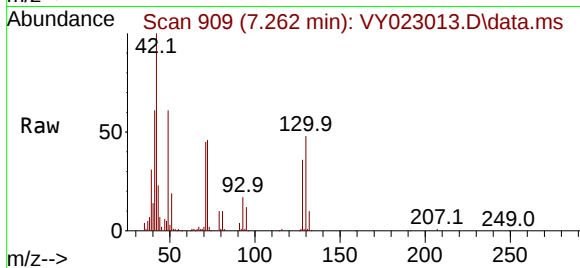
Tgt Ion: 42 Resp: 209494

Ion Ratio Lower Upper

42 100

72 45.7 37.5 56.3

71 42.4 34.2 51.4



#30

Chloroform

Concen: 52.587 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023013.D

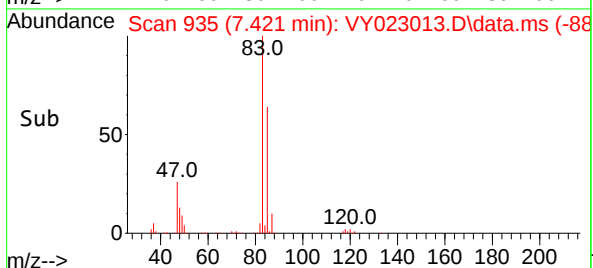
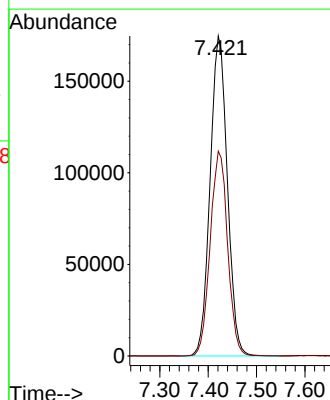
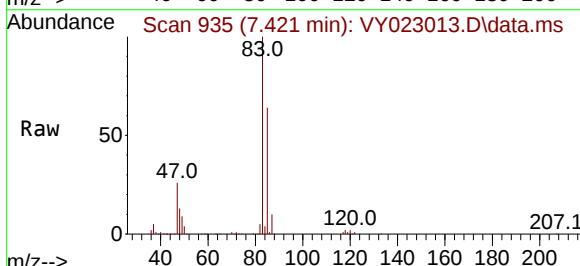
Acq: 18 Jul 2025 21:30

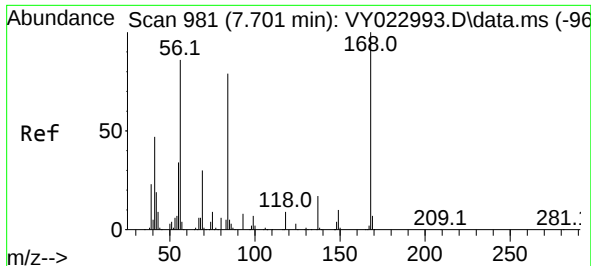
Tgt Ion: 83 Resp: 432510

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8

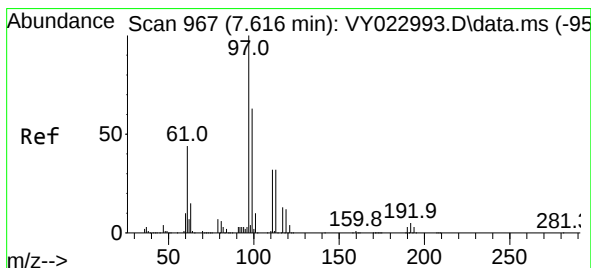
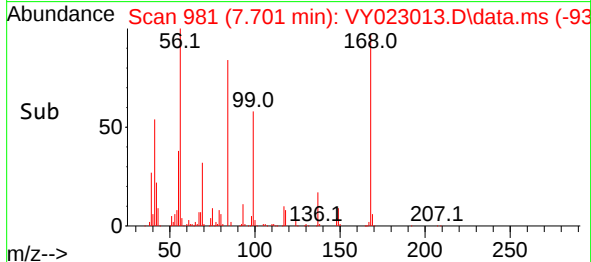
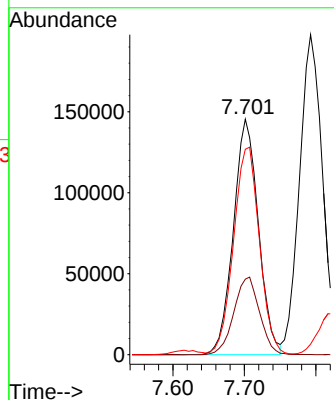
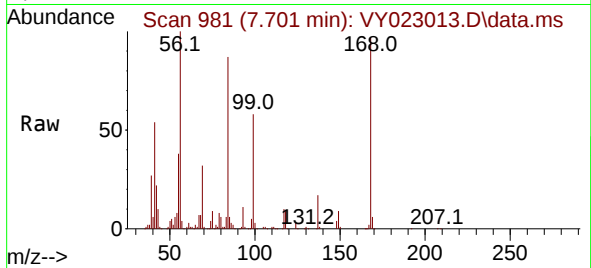




#31
Cyclohexane
Concen: 46.489 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

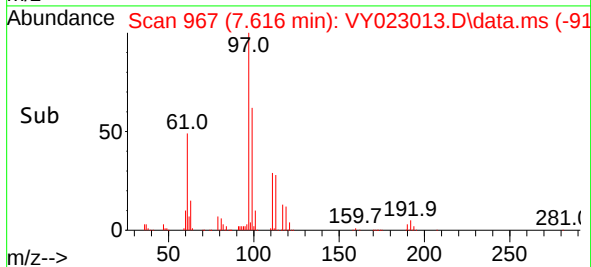
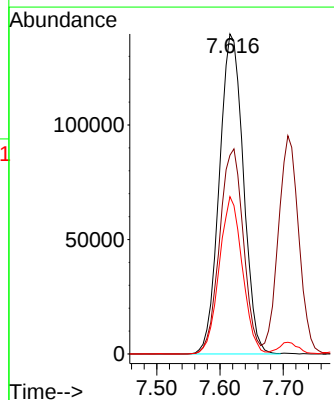
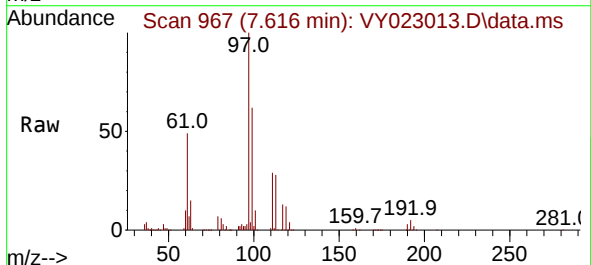
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

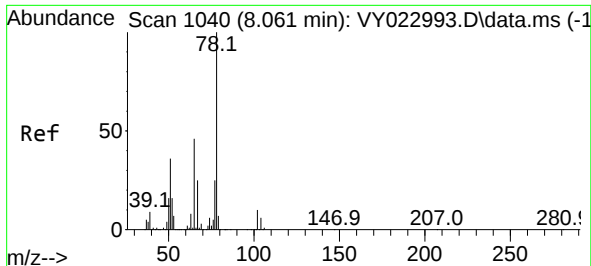
Tgt Ion: 56 Resp: 354155
Ion Ratio Lower Upper
56 100
69 32.1 28.1 42.1
84 85.6 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 49.245 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 97 Resp: 367493
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.6 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 59.671 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

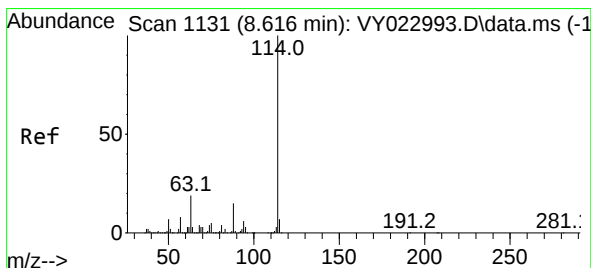
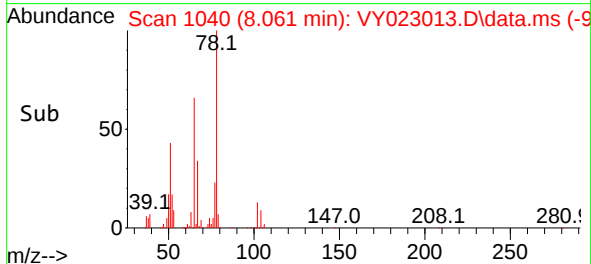
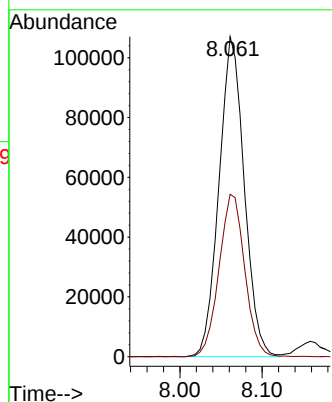
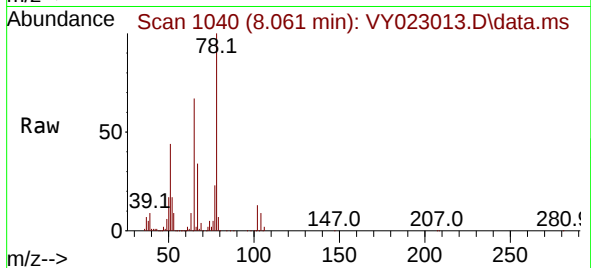
VSTDCCC050EC

Tgt Ion: 65 Resp: 228310

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

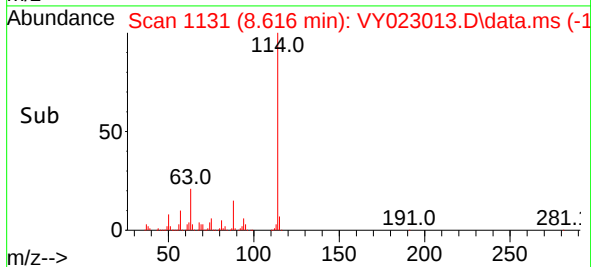
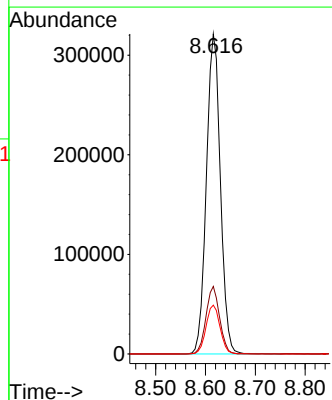
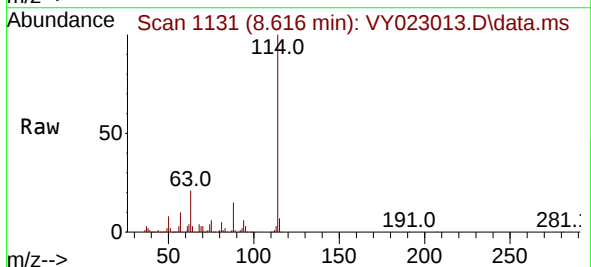
Tgt Ion: 114 Resp: 625472

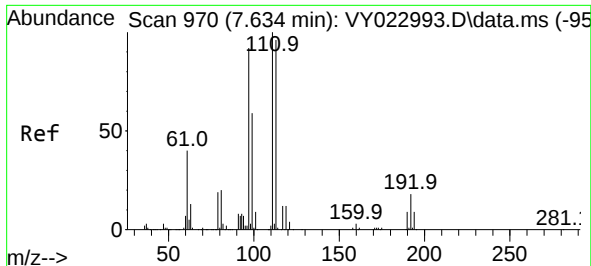
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.8

88 15.3 0.0 30.2

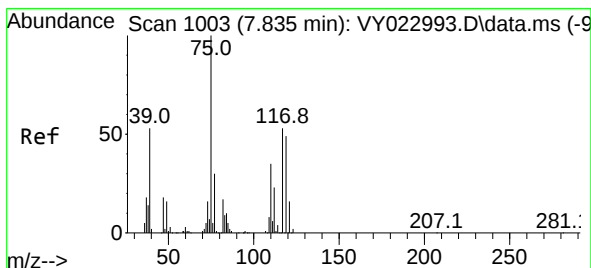
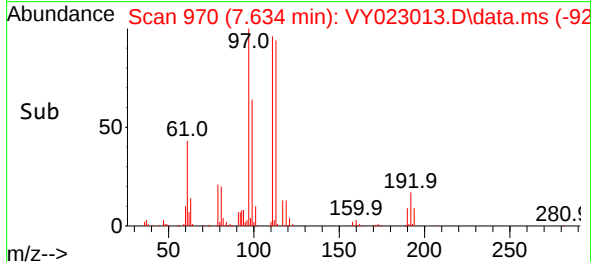
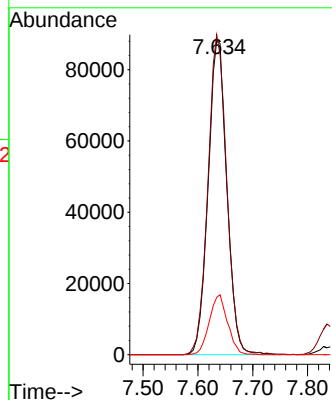
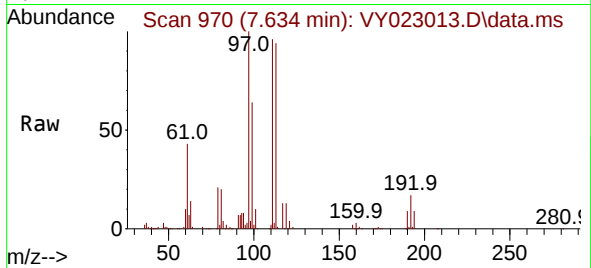




#35
Dibromofluoromethane
Concen: 52.613 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

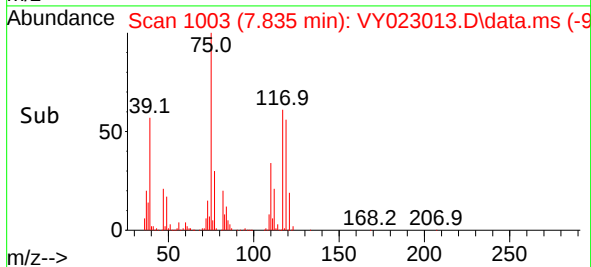
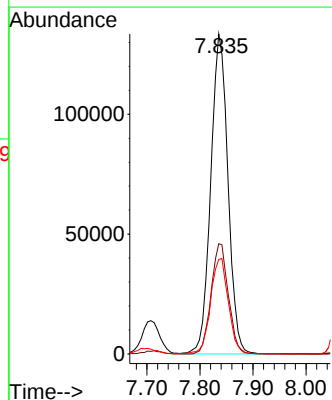
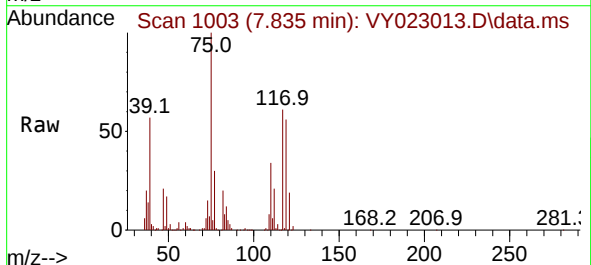
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

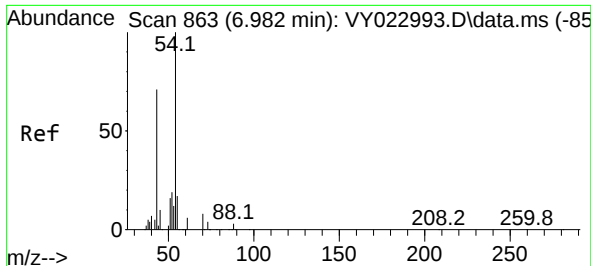
Tgt Ion:113 Resp: 208746
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 48.175 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 75 Resp: 301074
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.9
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 59.479 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

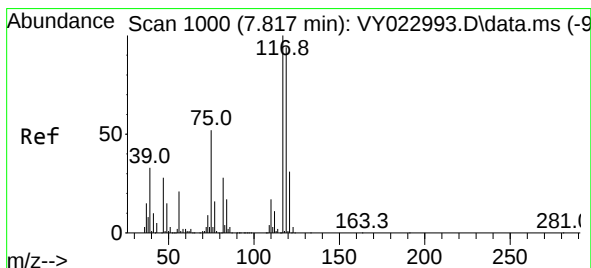
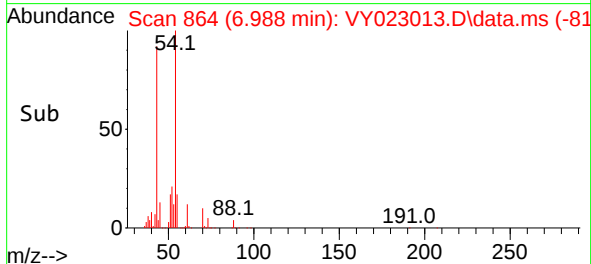
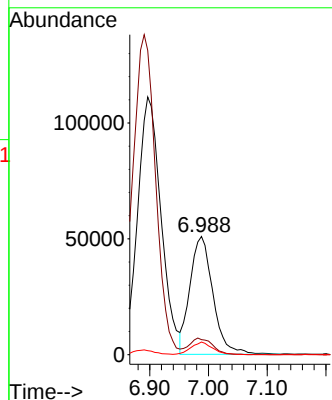
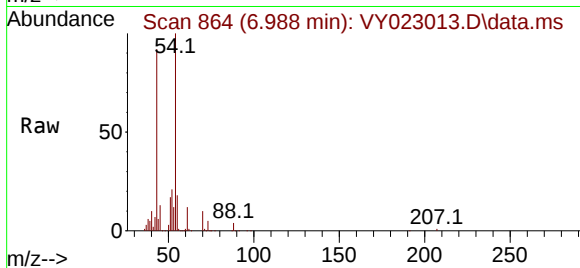
Tgt Ion: 43 Resp: 138056

Ion Ratio Lower Upper

43 100

61 14.5 11.6 17.4

70 10.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 46.638 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

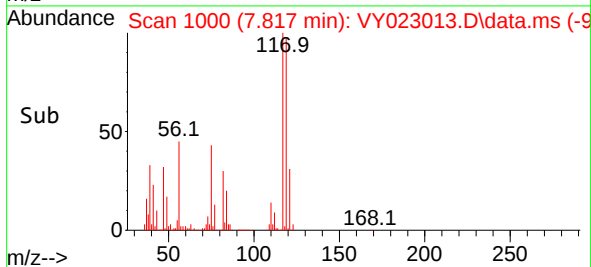
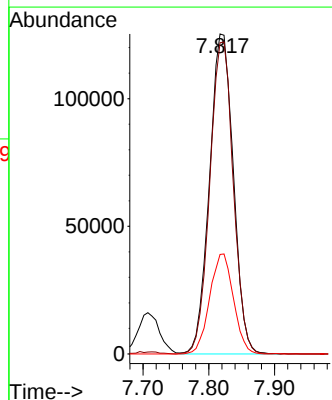
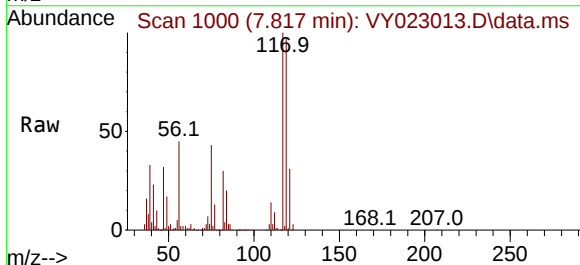
Tgt Ion: 117 Resp: 316660

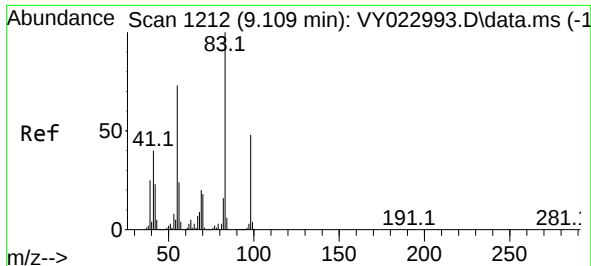
Ion Ratio Lower Upper

117 100

119 97.3 74.9 112.3

121 31.1 24.6 37.0

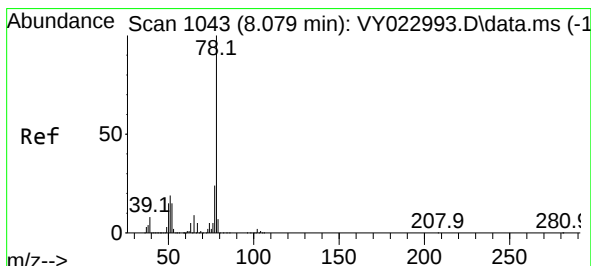
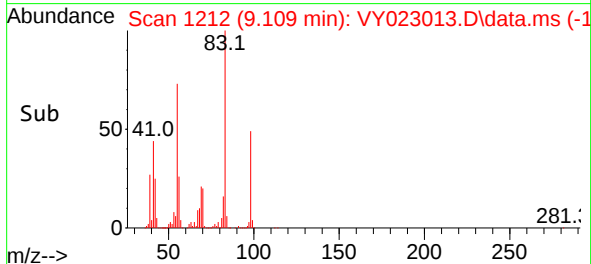
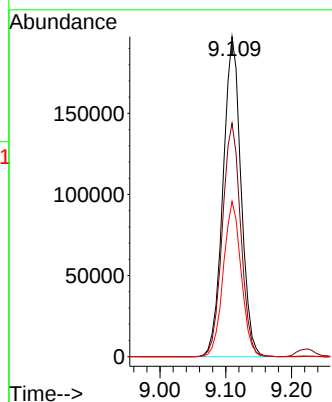
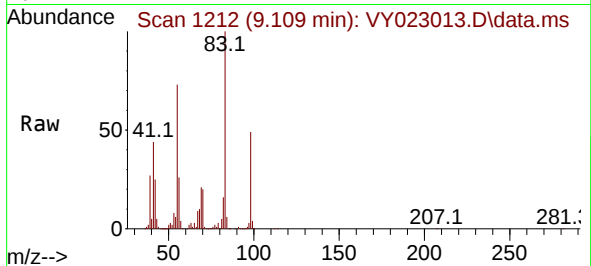




#39
Methylcyclohexane
Concen: 46.332 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

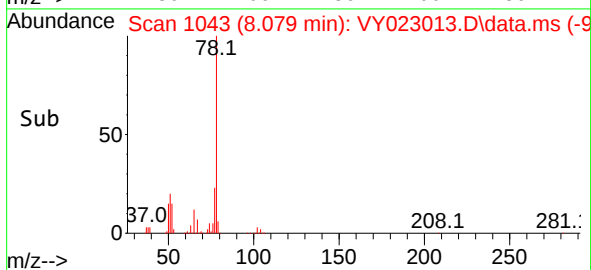
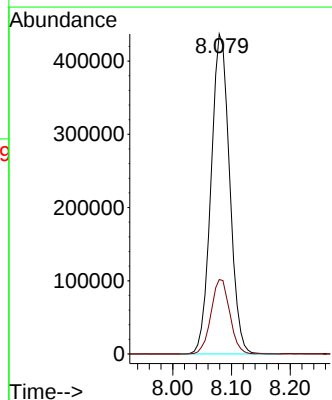
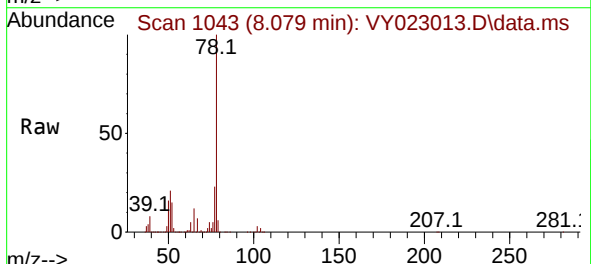
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

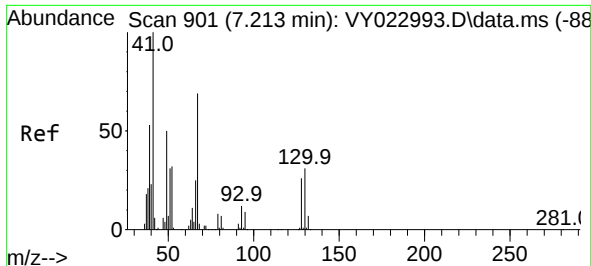
Tgt Ion: 83 Resp: 374781
Ion Ratio Lower Upper
83 100
55 73.0 58.1 87.1
98 48.5 38.5 57.7



#40
Benzene
Concen: 50.962 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 78 Resp: 958949
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



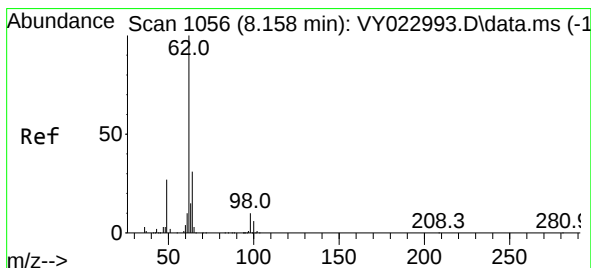
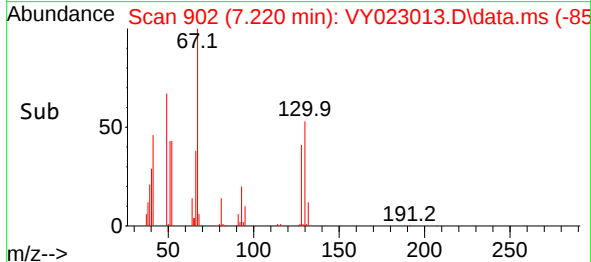
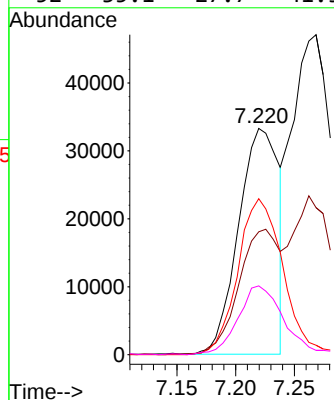
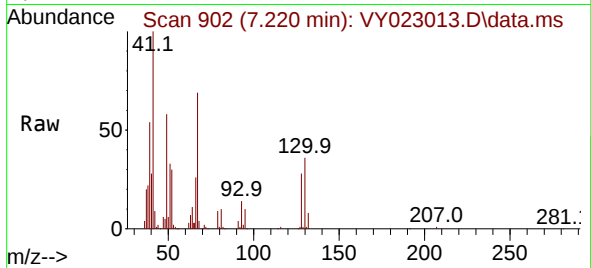


#41
Methacrylonitrile
Concen: 62.602 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 79155

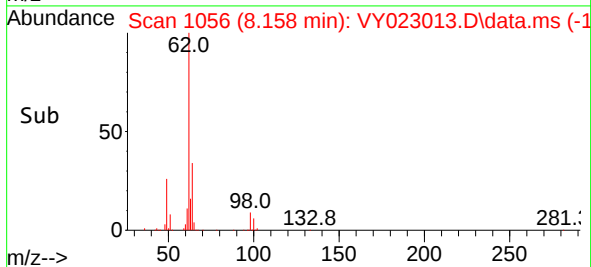
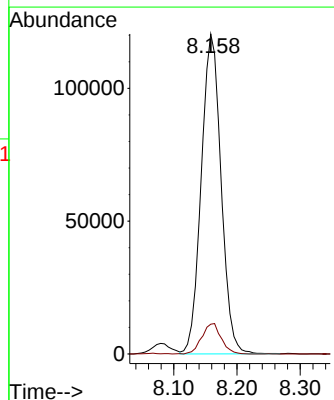
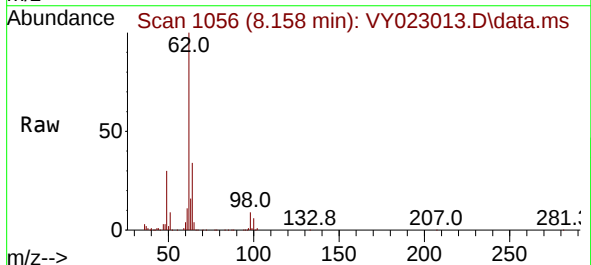
Ion	Ratio	Lower	Upper
41	100		
39	56.0	50.0	75.0
67	78.1	65.4	98.2
52	35.1	27.7	41.5

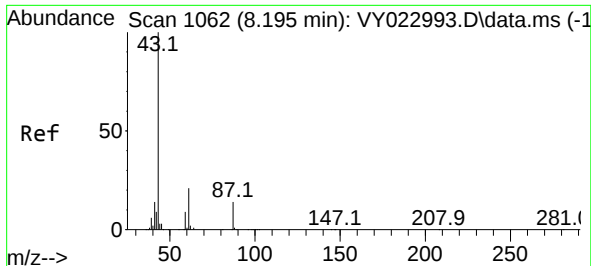


#42
1,2-Dichloroethane
Concen: 56.192 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 62 Resp: 263065

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0

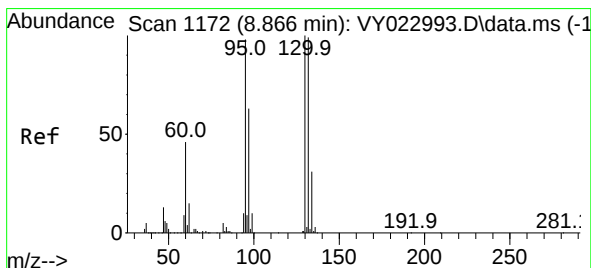
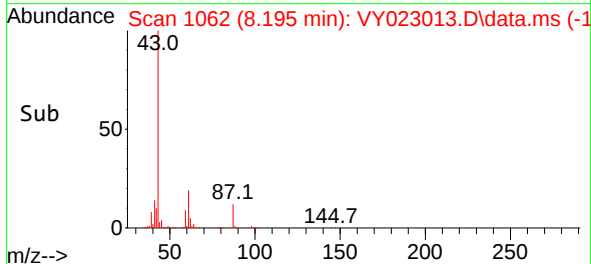
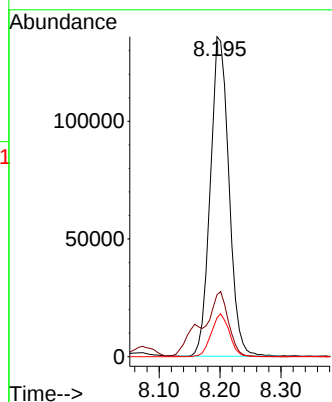
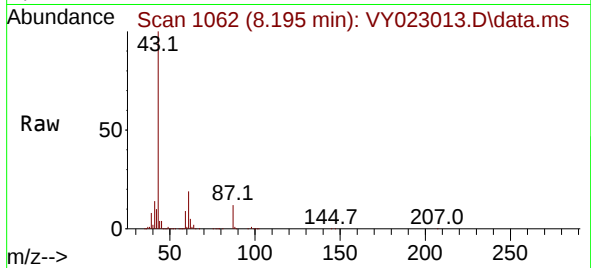




#43
Isopropyl Acetate
Concen: 62.492 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

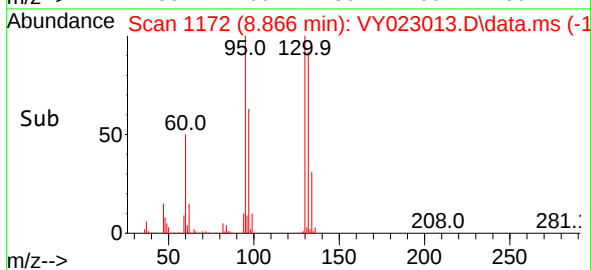
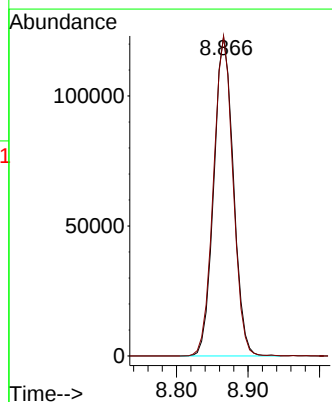
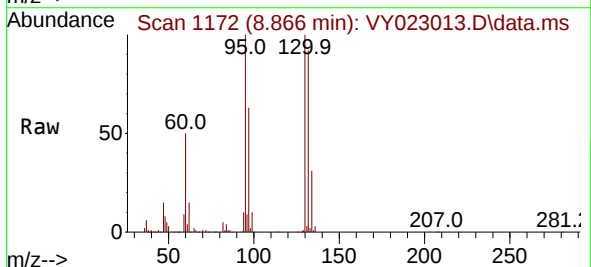
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

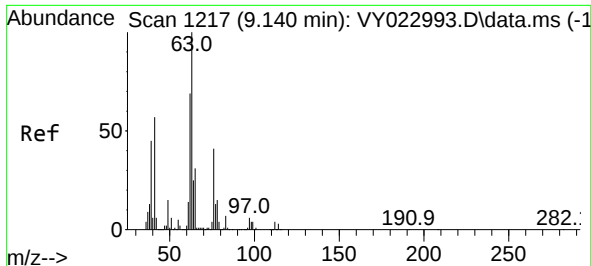
Tgt Ion: 43 Resp: 288120
Ion Ratio Lower Upper
43 100
61 20.4 25.0 37.4#
87 13.1 11.1 16.7



#44
Trichloroethene
Concen: 48.241 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion:130 Resp: 233155
Ion Ratio Lower Upper
130 100
95 100.3 0.0 195.8





#45

1,2-Dichloropropane

Concen: 51.456 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

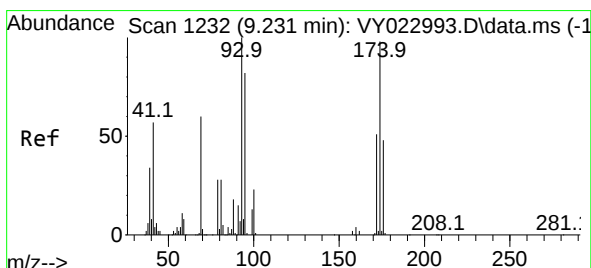
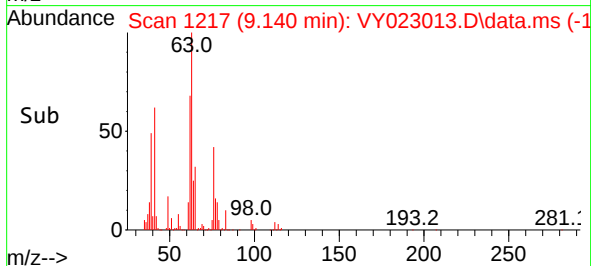
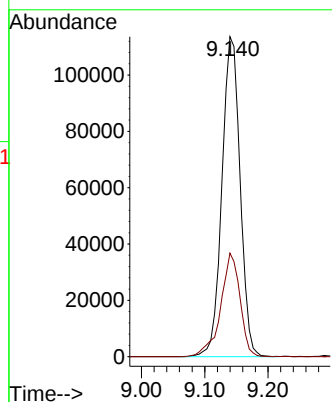
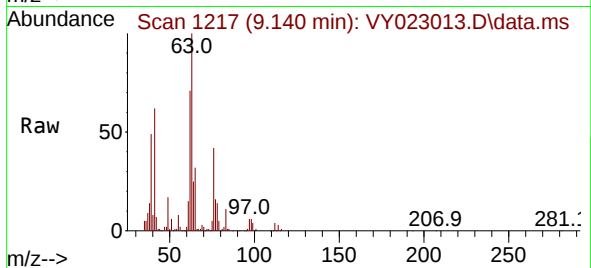
VSTDCCC050EC

Tgt Ion: 63 Resp: 226109

Ion Ratio Lower Upper

63 100

65 32.3 24.6 37.0



#46

Dibromomethane

Concen: 55.711 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

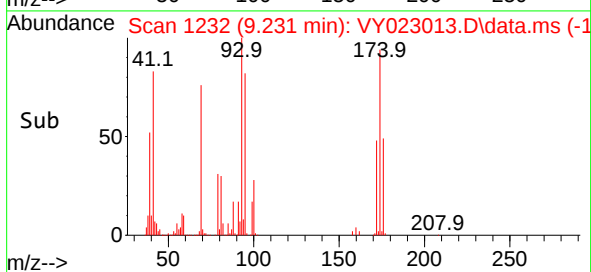
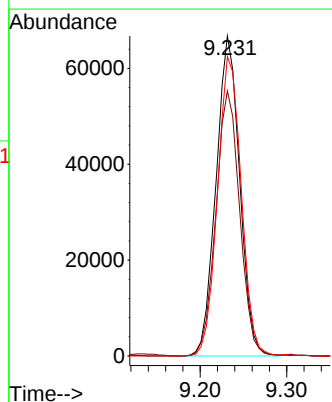
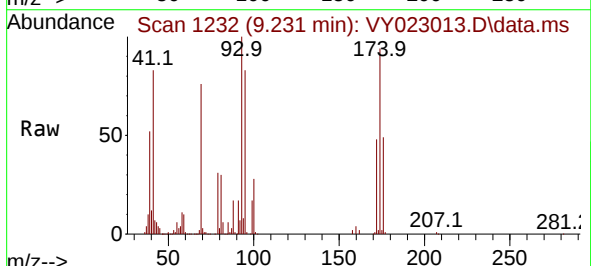
Tgt Ion: 93 Resp: 126540

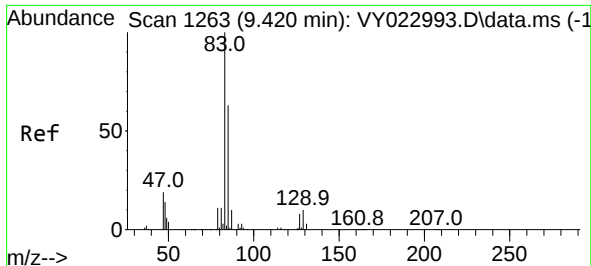
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 93.8 76.4 114.6

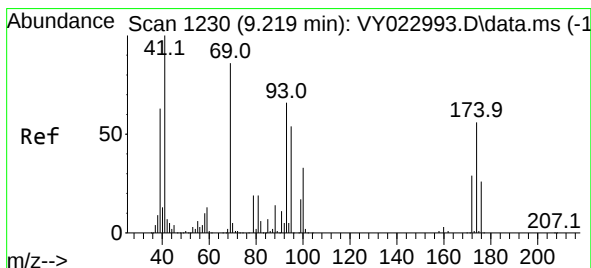
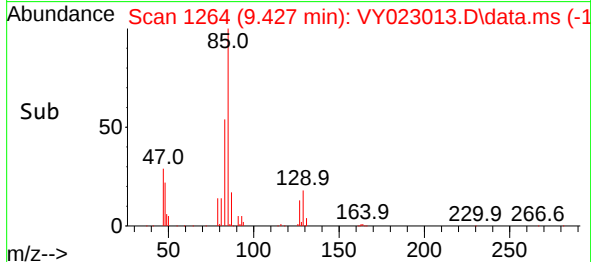
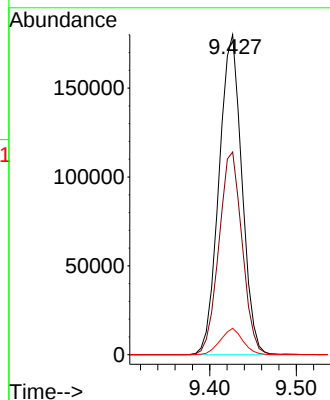
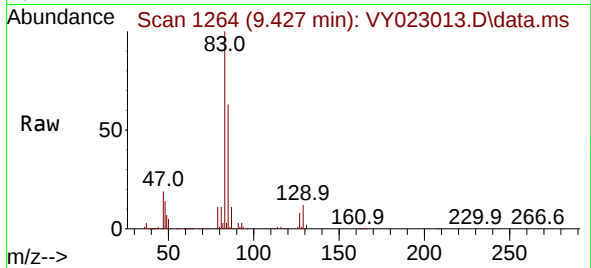




#47
Bromodichloromethane
Concen: 52.581 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

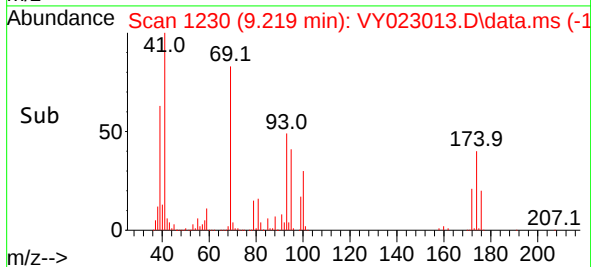
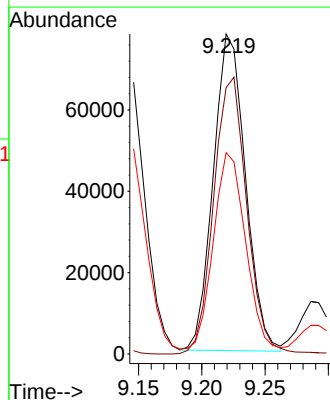
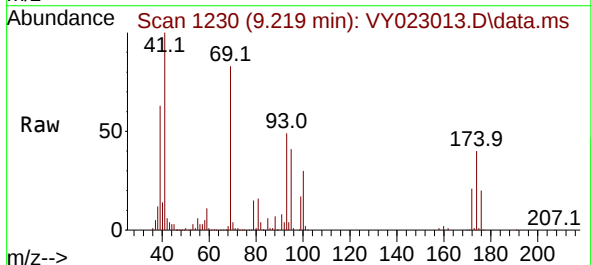
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

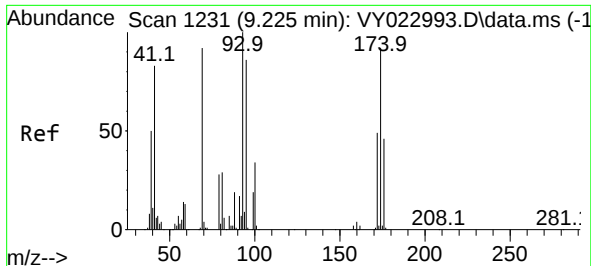
Tgt Ion: 83 Resp: 330126
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 61.977 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 41 Resp: 137956
Ion Ratio Lower Upper
41 100
69 90.2 71.4 107.0
39 61.7 47.8 71.8





#49

1,4-Dioxane

Concen: 1302.771 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

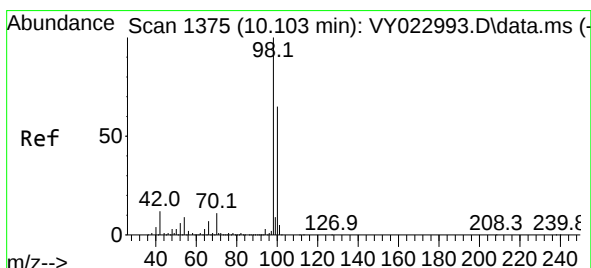
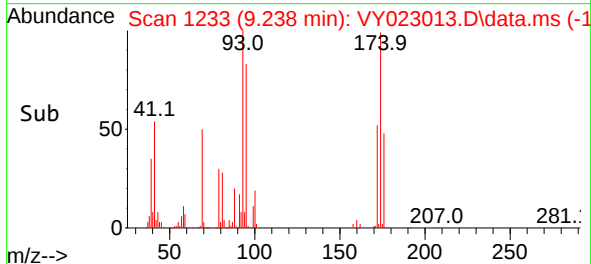
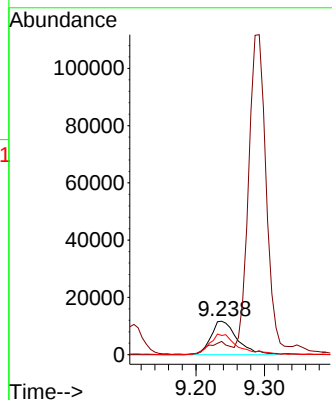
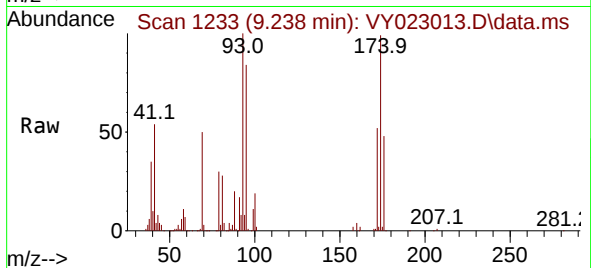
Tgt Ion: 88 Resp: 31191

Ion Ratio Lower Upper

88 100

43 31.9 28.7 43.1

58 66.4 59.8 89.6



#50

Toluene-d8

Concen: 51.260 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023013.D

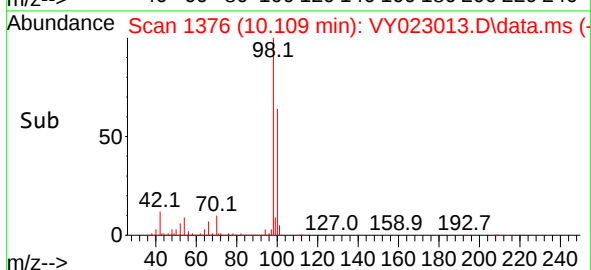
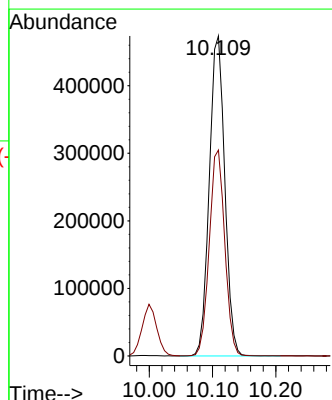
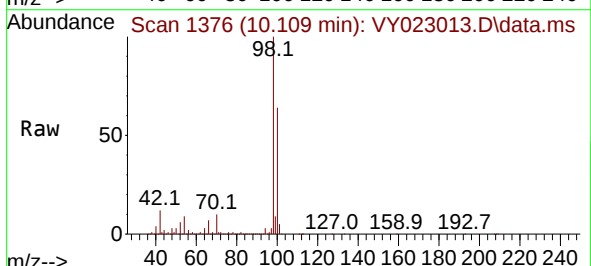
Acq: 18 Jul 2025 21:30

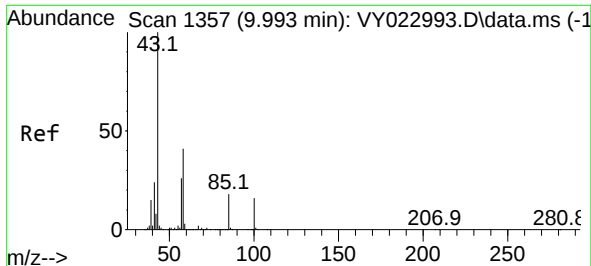
Tgt Ion: 98 Resp: 806530

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

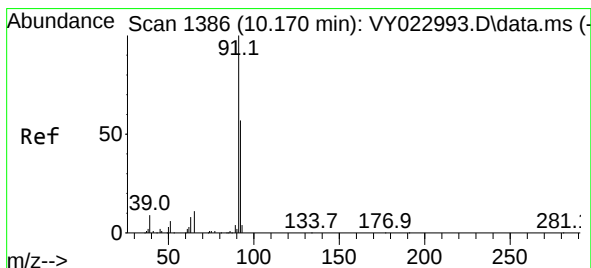
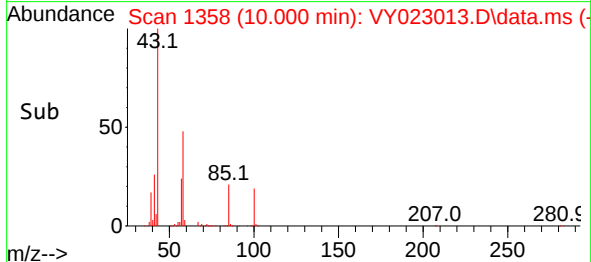
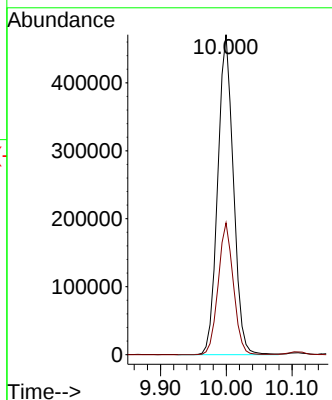
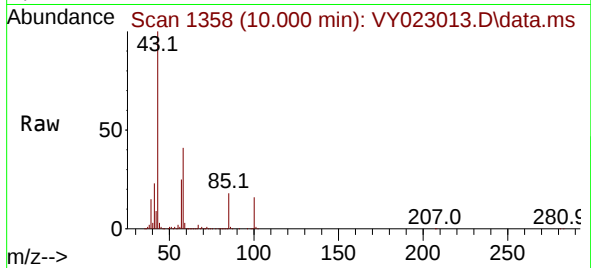




#51
4-Methyl-2-Pentanone
Concen: 332.819 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

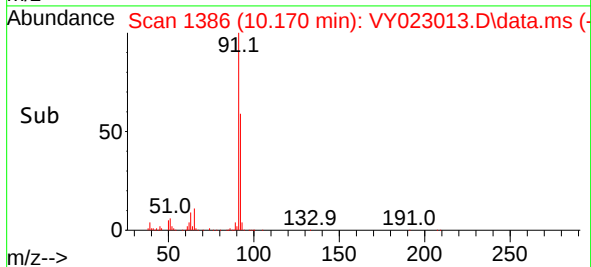
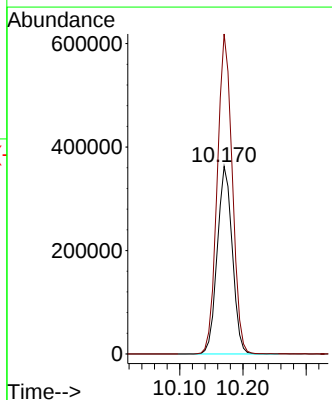
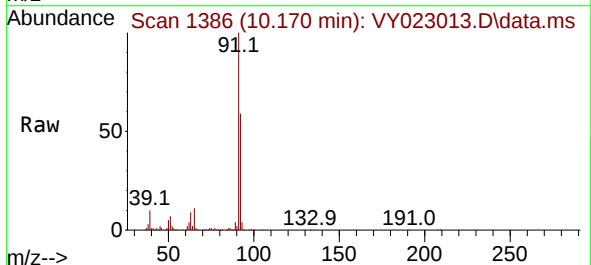
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

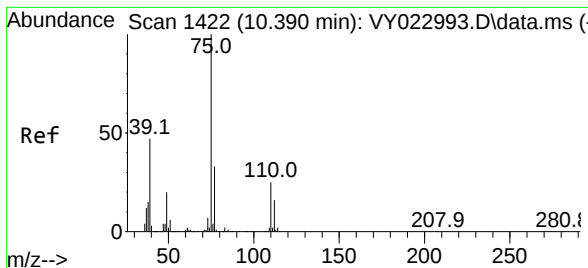
Tgt Ion: 43 Resp: 778848
Ion Ratio Lower Upper
43 100
58 40.1 32.5 48.7



#52
Toluene
Concen: 50.957 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 92 Resp: 596148
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.6

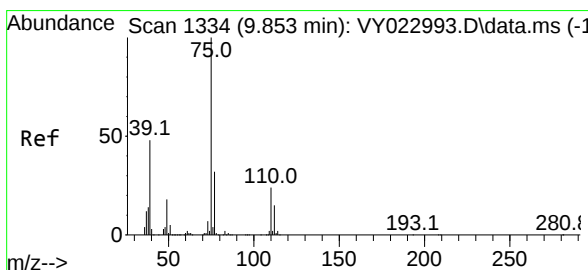
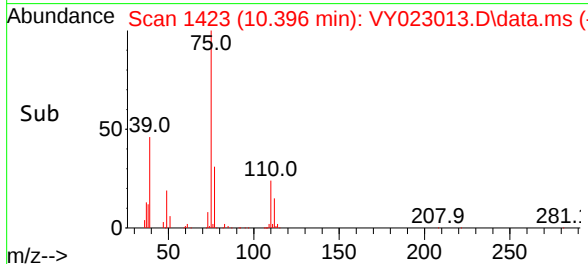
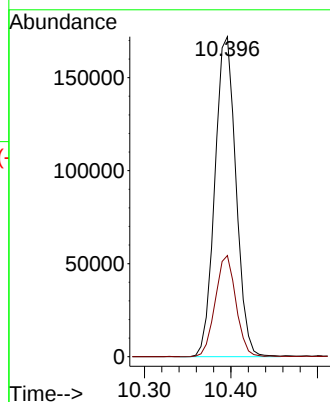
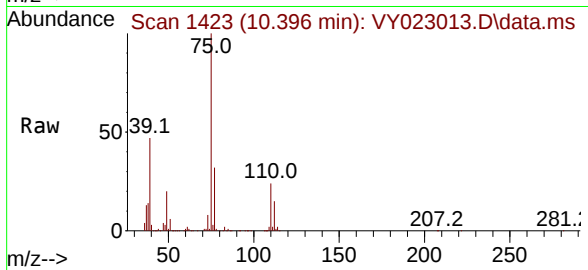




#53
t-1,3-Dichloropropene
Concen: 53.962 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

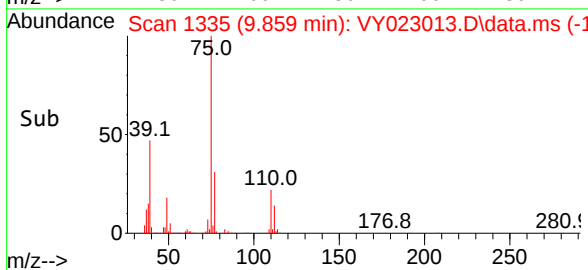
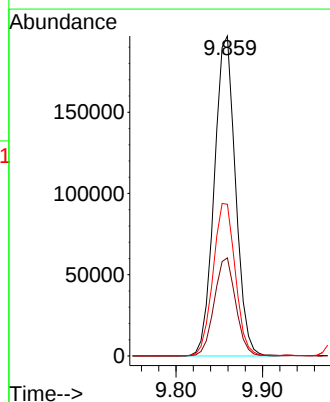
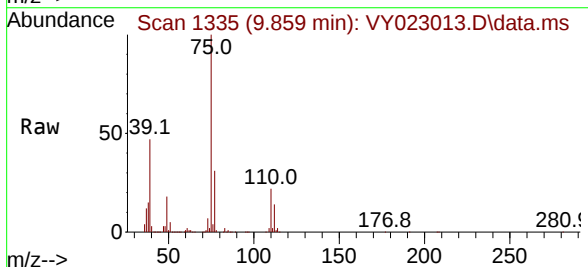
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

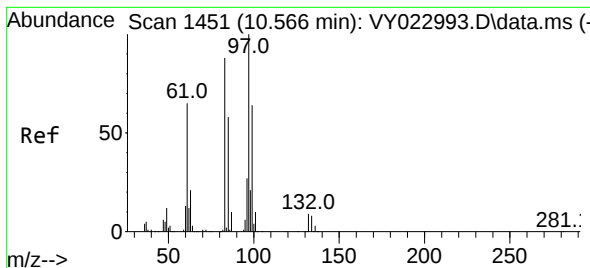
Tgt Ion: 75 Resp: 290824
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 51.650 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 75 Resp: 335517
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 47.3 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 57.023 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 170233

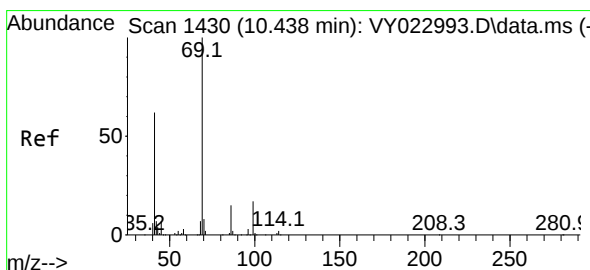
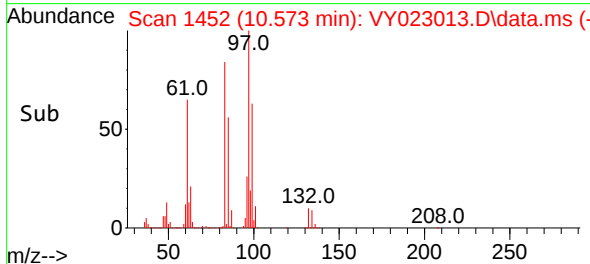
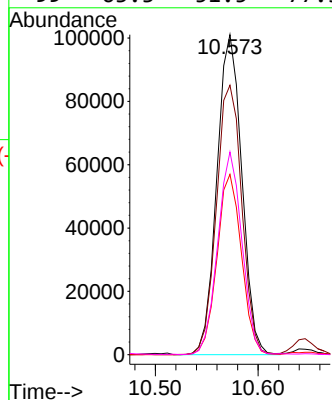
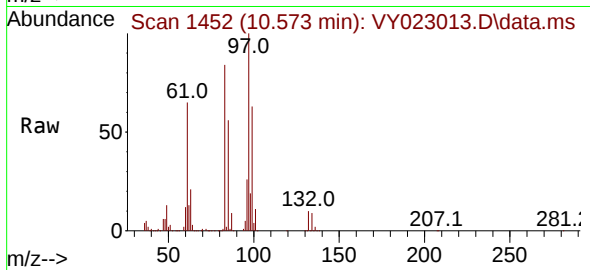
Ion Ratio Lower Upper

97 100

83 84.2 70.2 105.2

85 56.2 46.2 69.2

99 63.3 51.5 77.3



#56

Ethyl methacrylate

Concen: 61.668 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

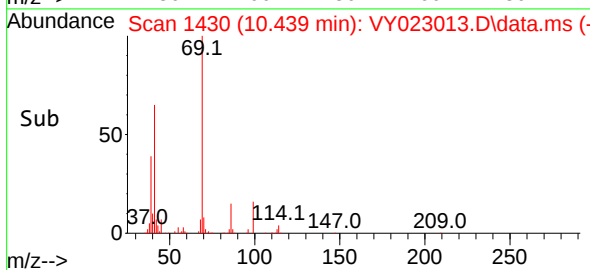
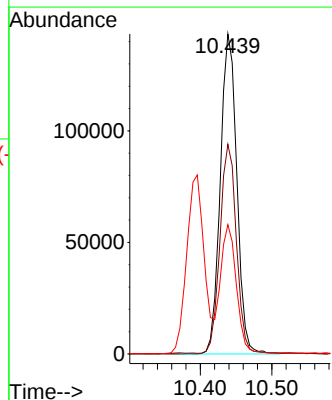
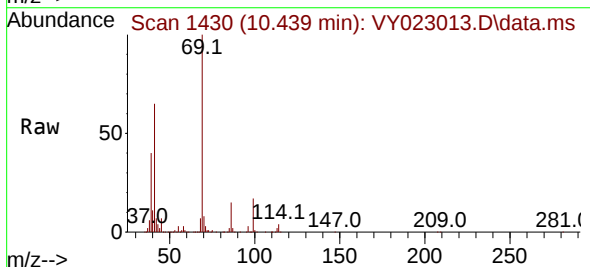
Tgt Ion: 69 Resp: 229815

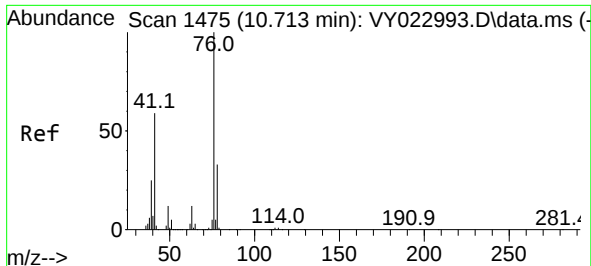
Ion Ratio Lower Upper

69 100

41 64.9 51.0 76.4

39 37.9 30.6 46.0





#57

1,3-Dichloropropane

Concen: 57.137 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

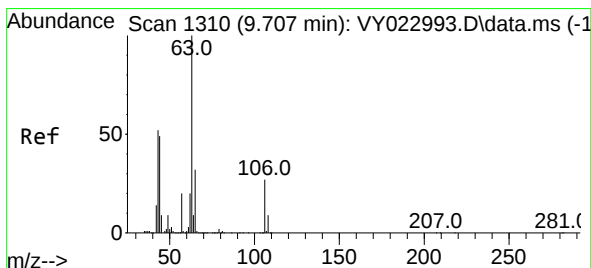
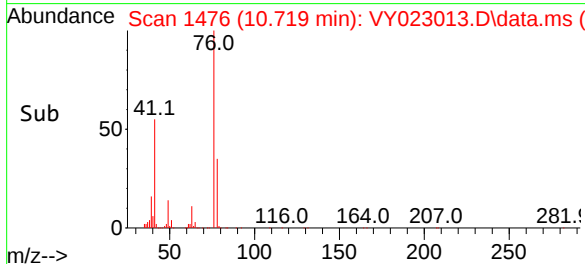
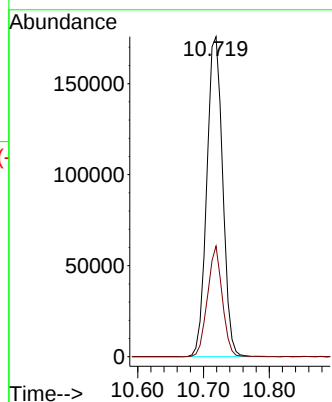
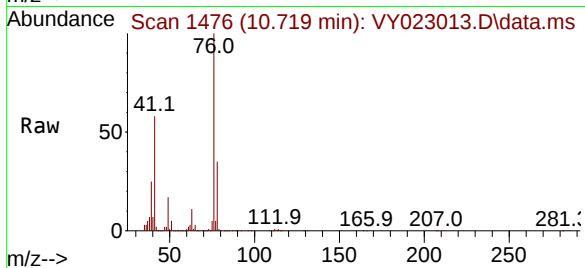
VSTDCCC050EC

Tgt Ion: 76 Resp: 294658

Ion Ratio Lower Upper

76 100

78 32.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 317.300 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023013.D

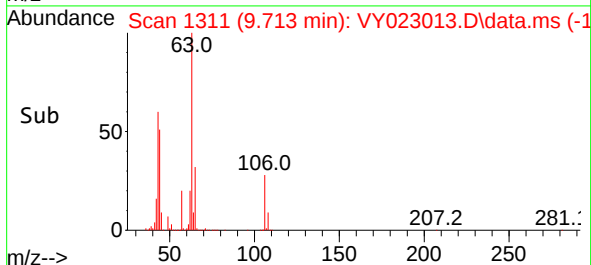
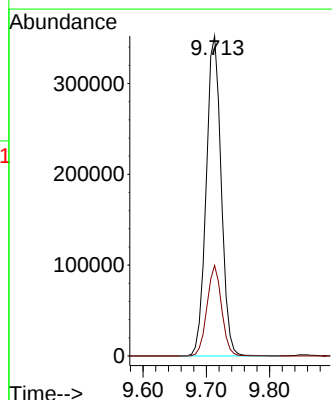
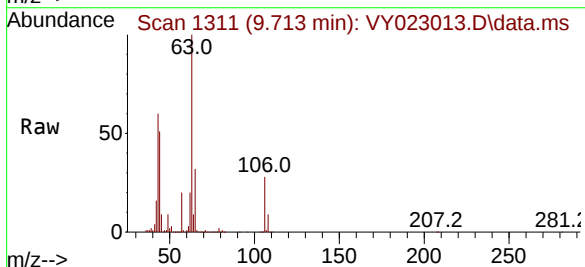
Acq: 18 Jul 2025 21:30

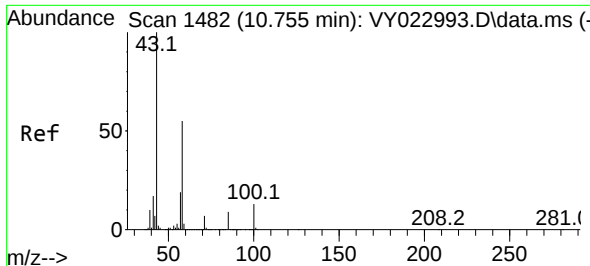
Tgt Ion: 63 Resp: 578833

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8

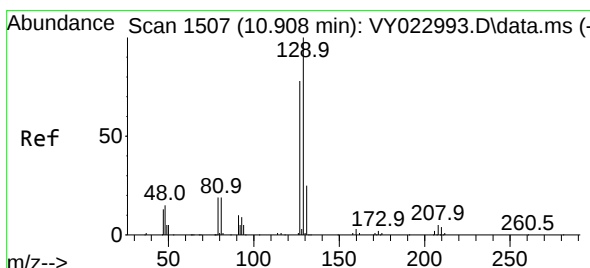
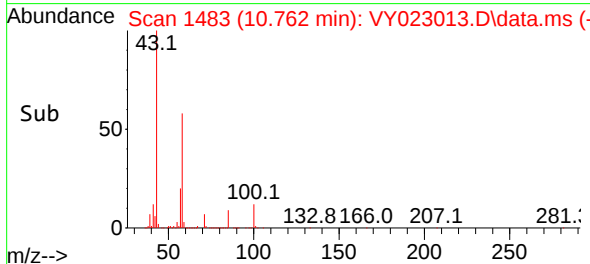
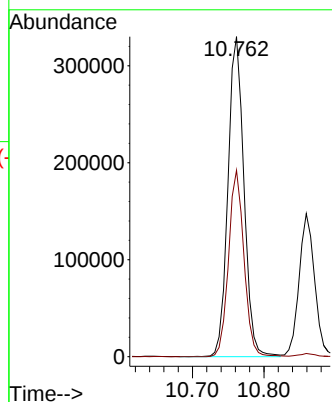
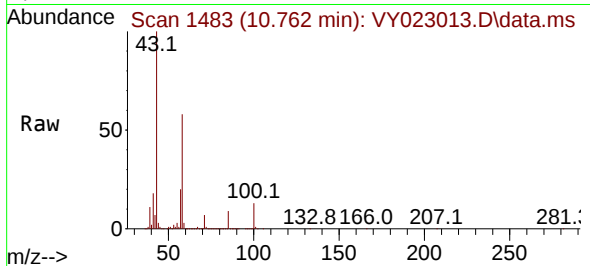




#59
2-Hexanone
Concen: 332.267 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

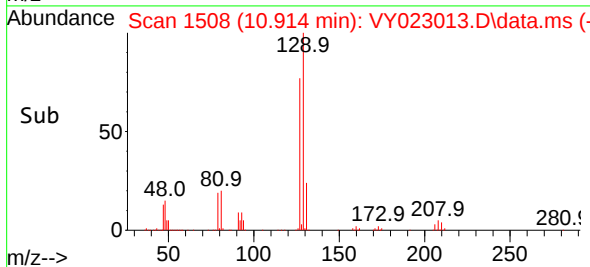
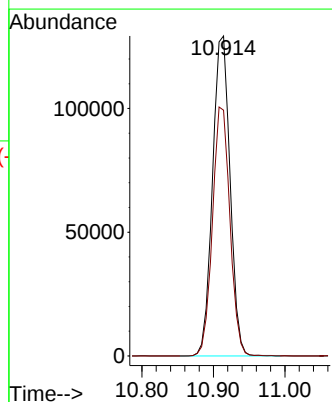
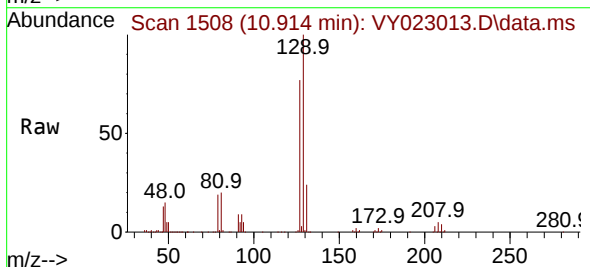
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

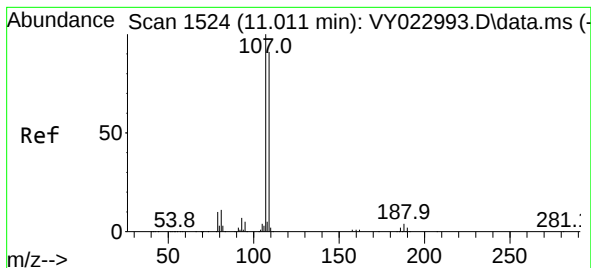
Tgt Ion: 43 Resp: 511100
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 56.249 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 129 Resp: 219889
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1

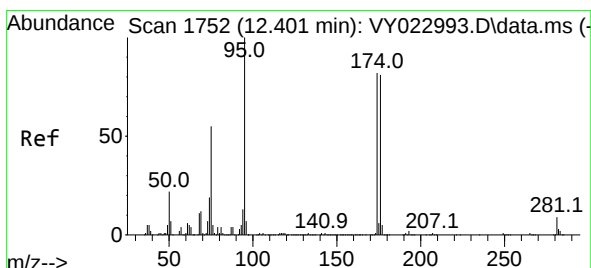
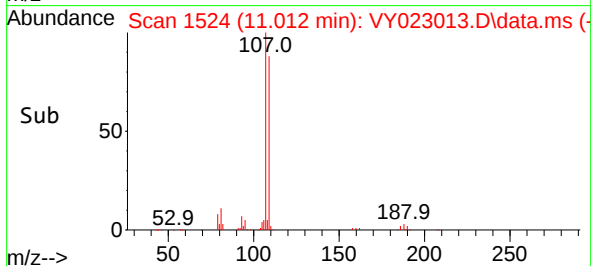
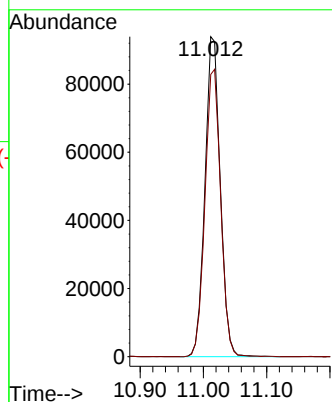
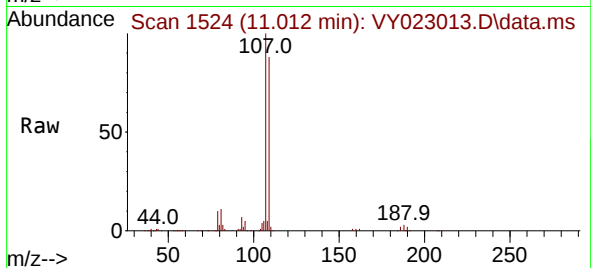




#61
1,2-Dibromoethane
Concen: 58.364 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

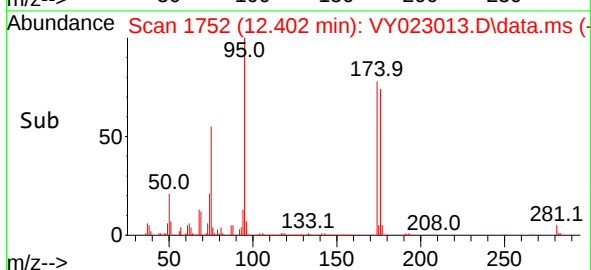
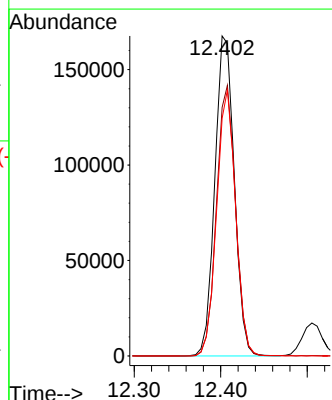
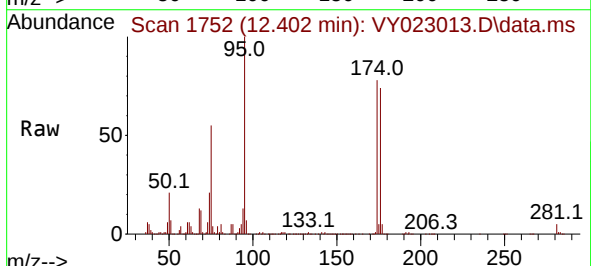
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

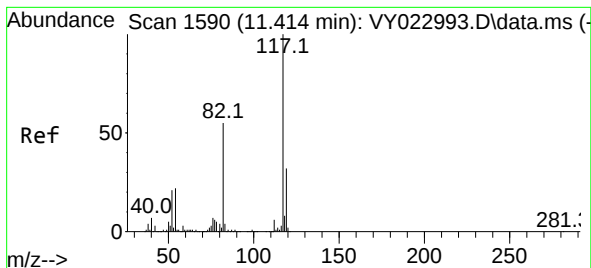
Tgt Ion:107 Resp: 158224
Ion Ratio Lower Upper
107 100
109 92.3 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 52.830 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 95 Resp: 261655
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 80.8 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

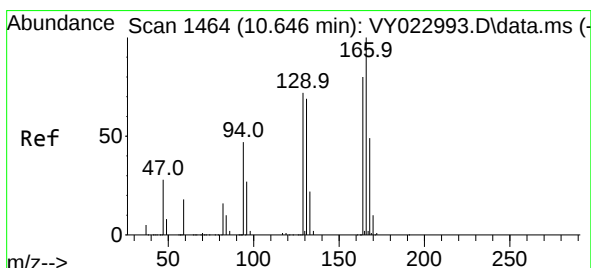
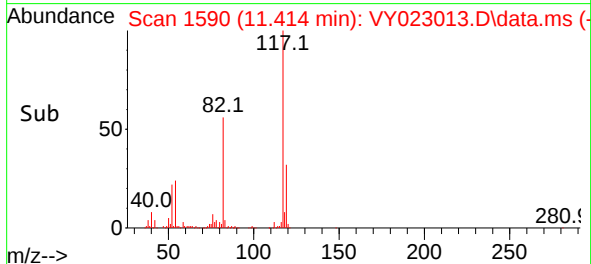
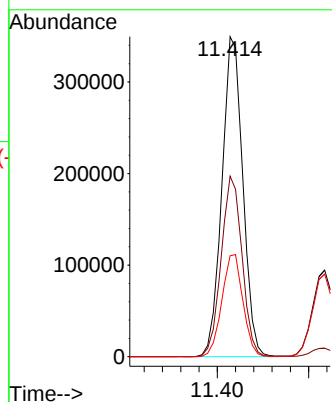
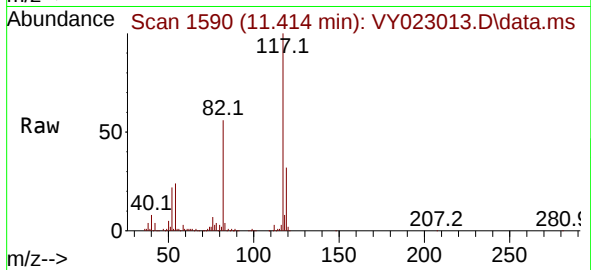
Tgt Ion:117 Resp: 554651

Ion Ratio Lower Upper

117 100

82 56.4 44.3 66.5

119 31.5 25.8 38.8



#64

Tetrachloroethene

Concen: 47.704 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Tgt Ion:164 Resp: 270447

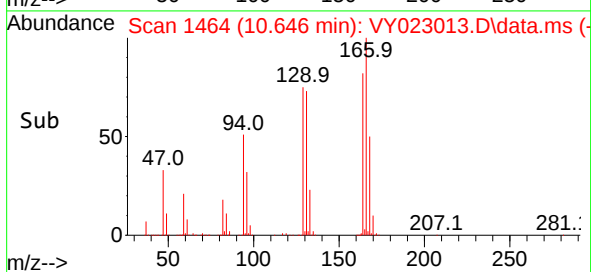
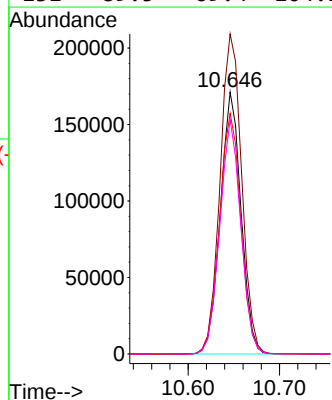
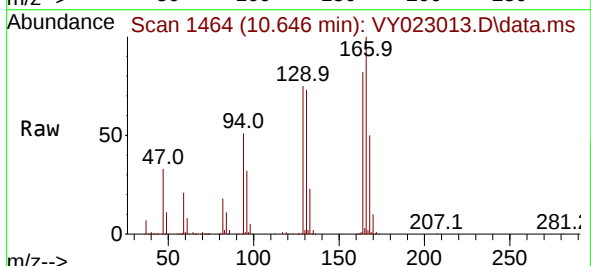
Ion Ratio Lower Upper

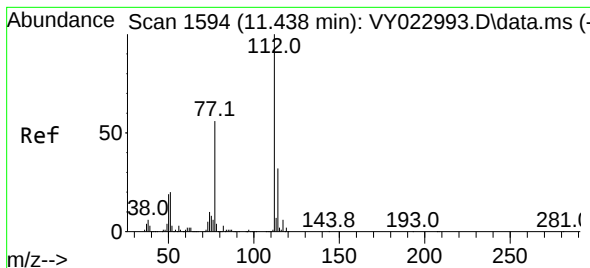
164 100

166 122.2 100.2 150.2

129 91.9 71.7 107.5

131 89.5 69.4 104.2





#65

Chlorobenzene

Concen: 48.192 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

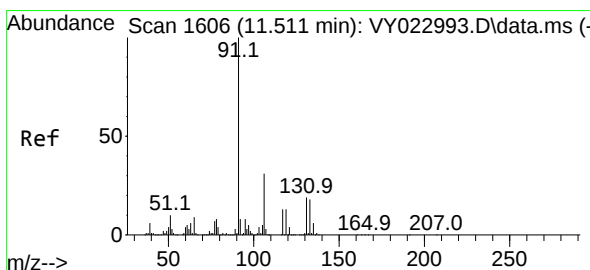
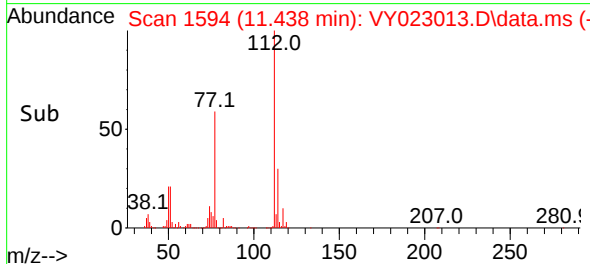
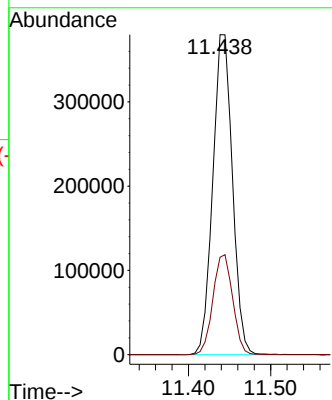
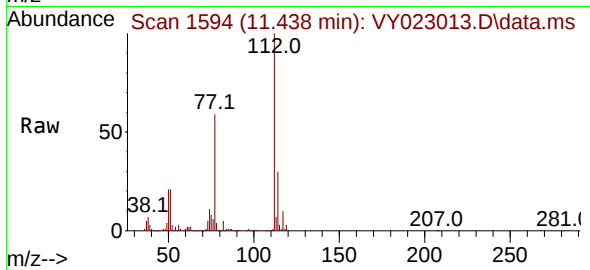
VSTDCCC050EC

Tgt Ion:112 Resp: 630749

Ion Ratio Lower Upper

112 100

114 30.5 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 49.218 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

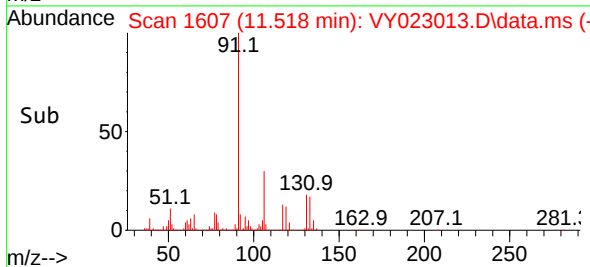
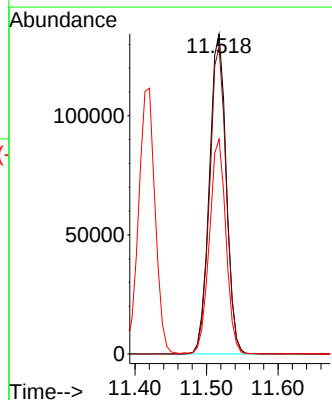
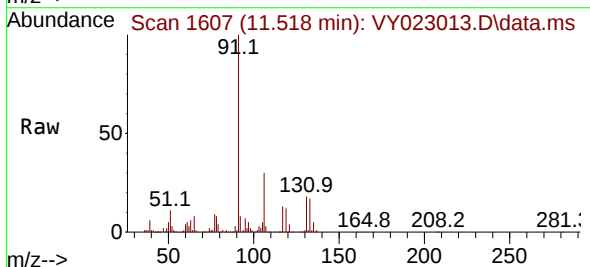
Tgt Ion:131 Resp: 219714

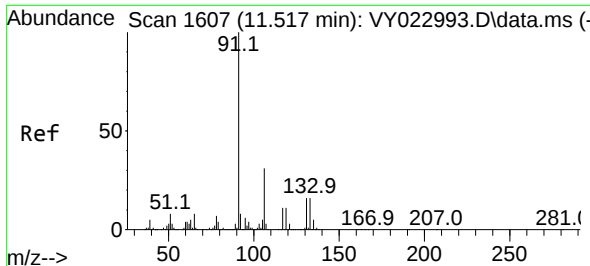
Ion Ratio Lower Upper

131 100

133 95.0 47.8 143.3

119 65.9 33.3 99.8





#67

Ethyl Benzene

Concen: 48.092 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

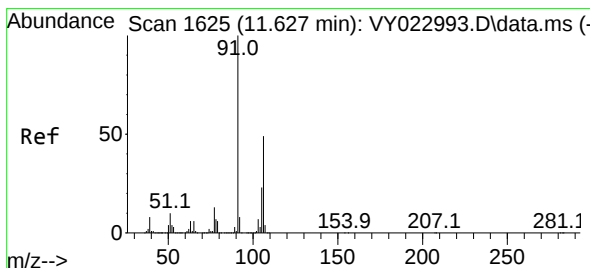
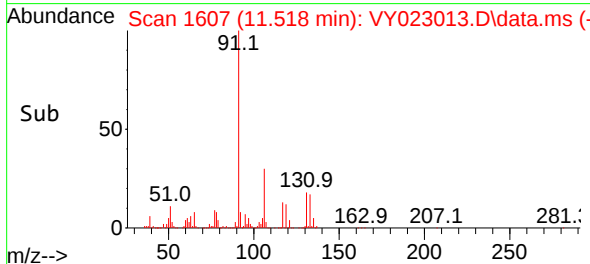
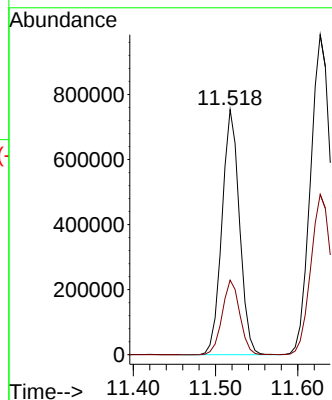
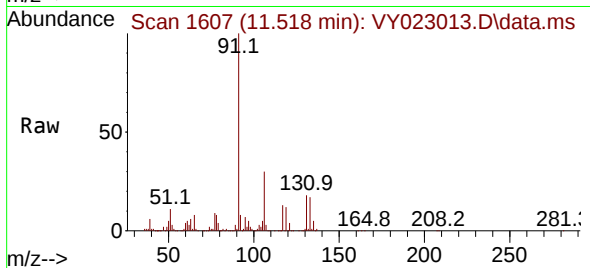
VSTDCCC050EC

Tgt Ion: 91 Resp: 1115671

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 95.970 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023013.D

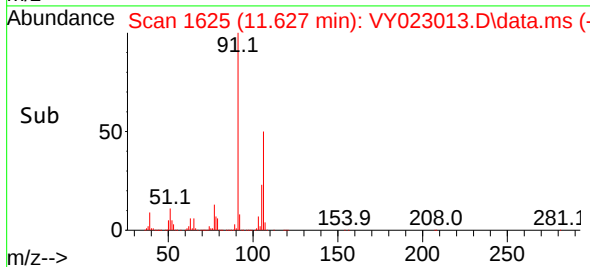
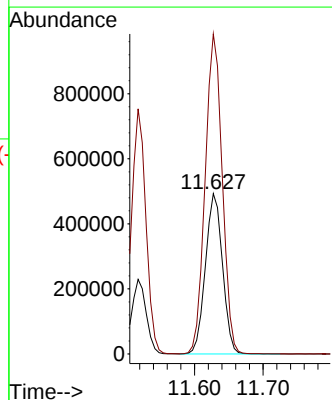
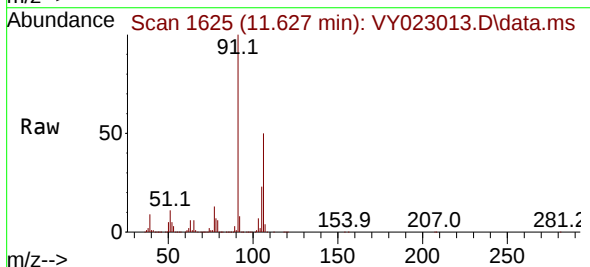
Acq: 18 Jul 2025 21:30

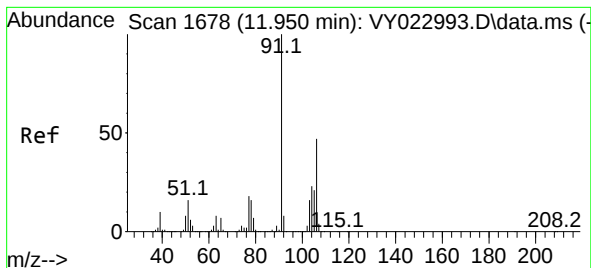
Tgt Ion: 106 Resp: 853956

Ion Ratio Lower Upper

106 100

91 199.8 159.8 239.8





#69

o-Xylene

Concen: 48.691 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

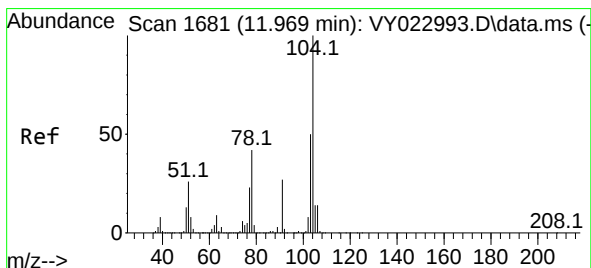
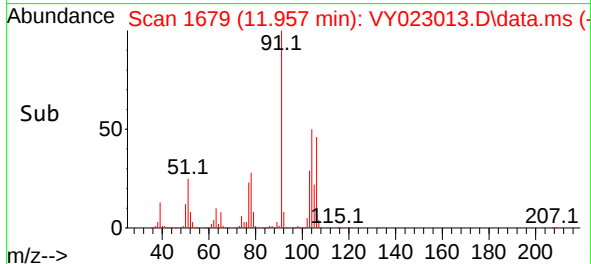
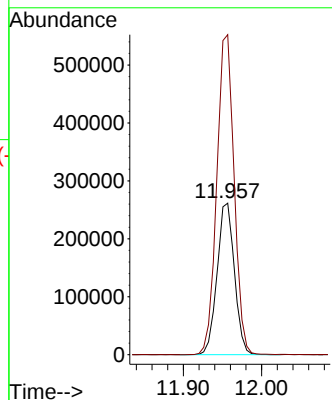
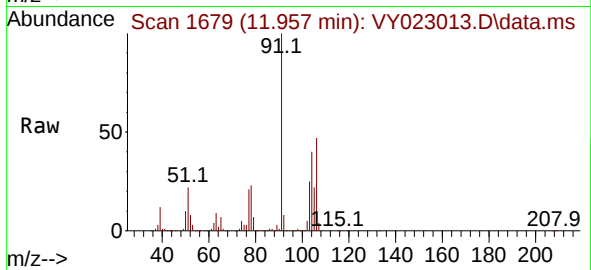
VSTDCCC050EC

Tgt Ion:106 Resp: 402086

Ion Ratio Lower Upper

106 100

91 211.7 106.3 318.8



#70

Styrene

Concen: 51.144 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

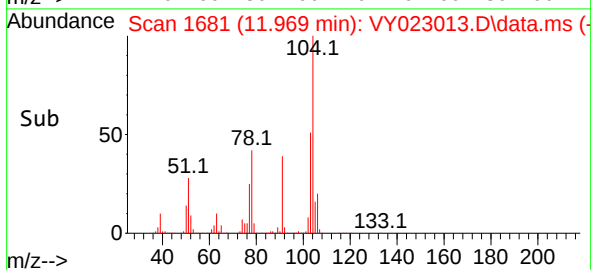
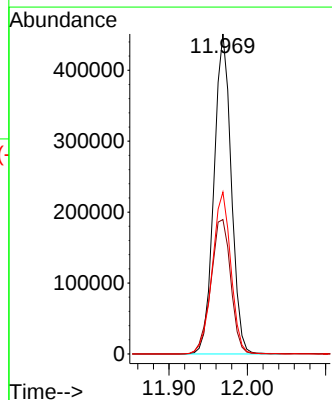
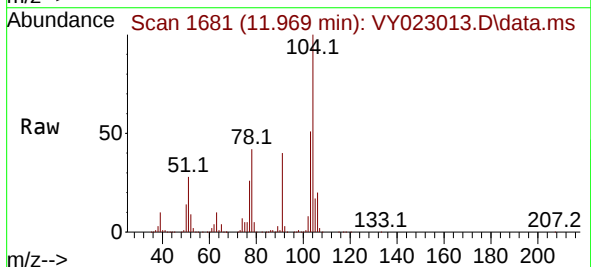
Tgt Ion:104 Resp: 691812

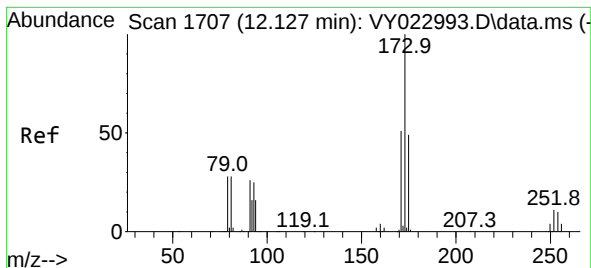
Ion Ratio Lower Upper

104 100

78 48.3 39.0 58.6

103 54.3 43.7 65.5





#71

Bromoform

Concen: 54.515 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

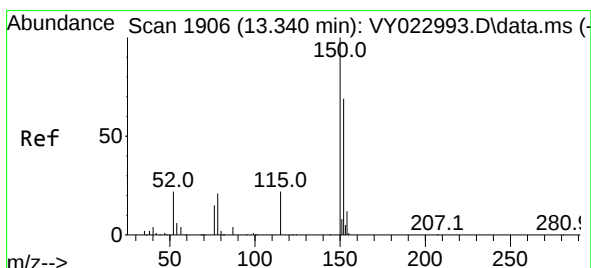
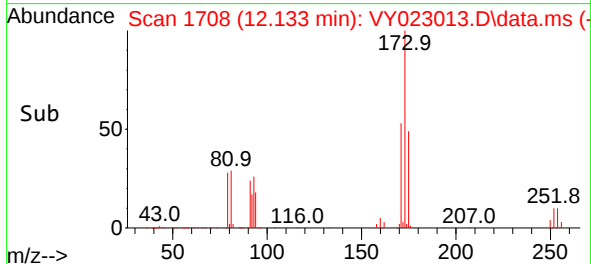
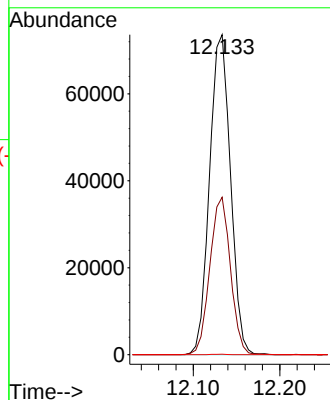
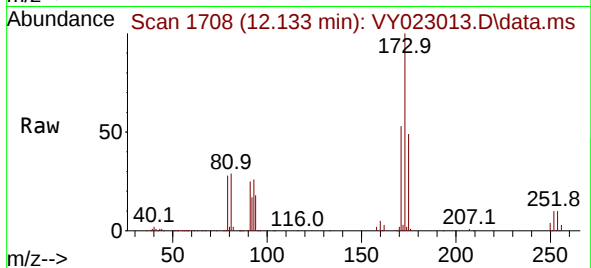
Tgt Ion:173 Resp: 123544

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

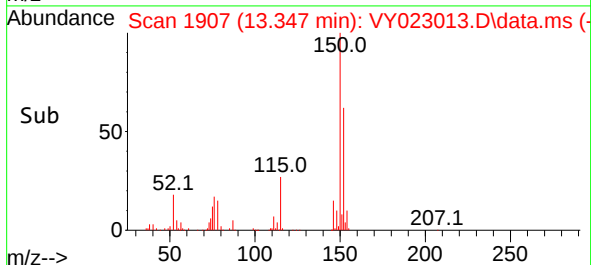
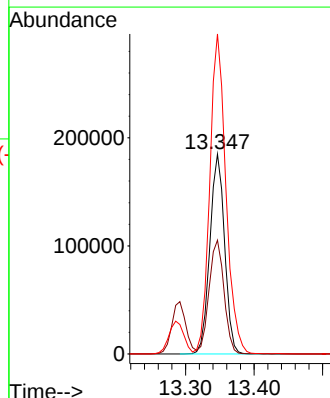
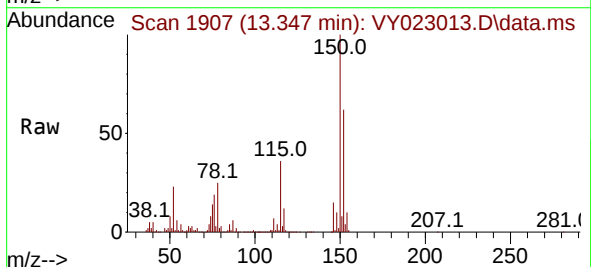
Tgt Ion:152 Resp: 276744

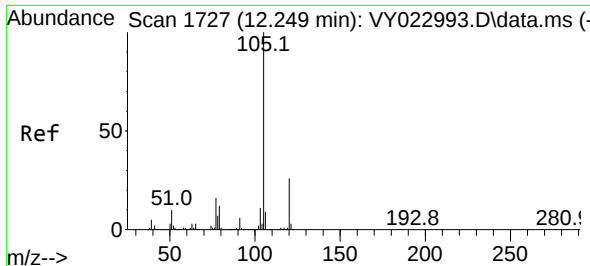
Ion Ratio Lower Upper

152 100

115 57.7 29.4 88.2

150 175.1 0.0 350.0

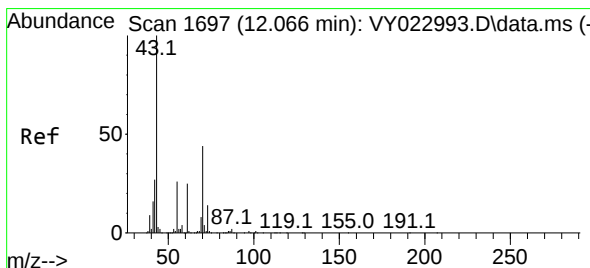
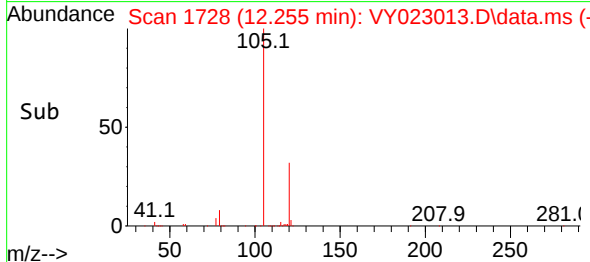
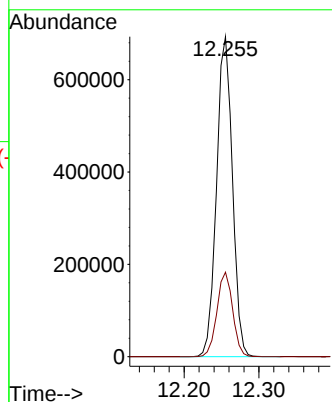
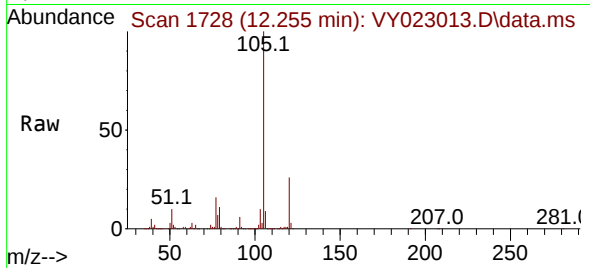




#73
Isopropylbenzene
Concen: 43.551 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

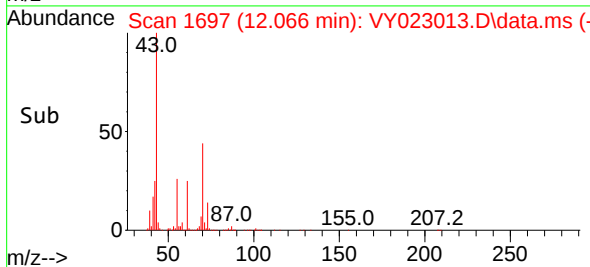
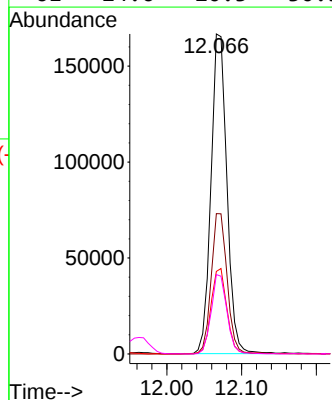
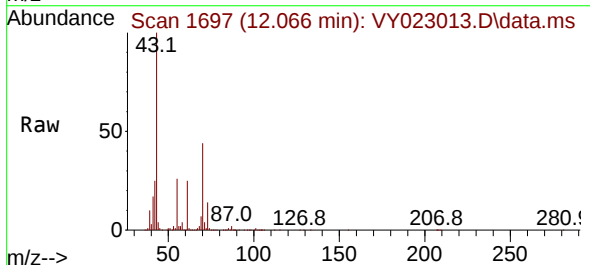
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

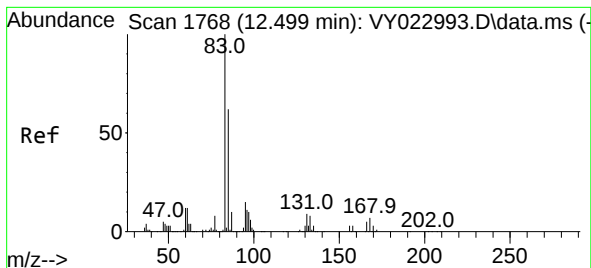
Tgt Ion:105 Resp: 1021842
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 55.697 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 43 Resp: 246379
Ion Ratio Lower Upper
43 100
70 44.1 36.2 54.2
55 27.0 20.9 31.3
61 24.6 20.3 30.5

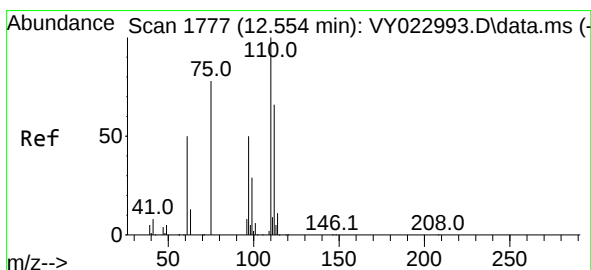
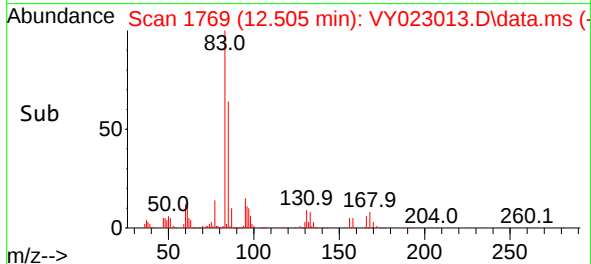
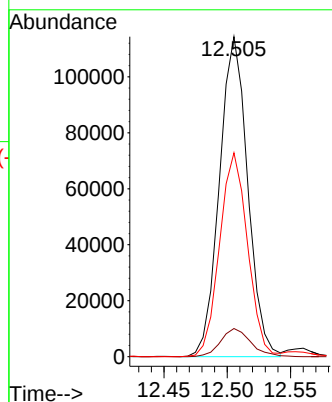
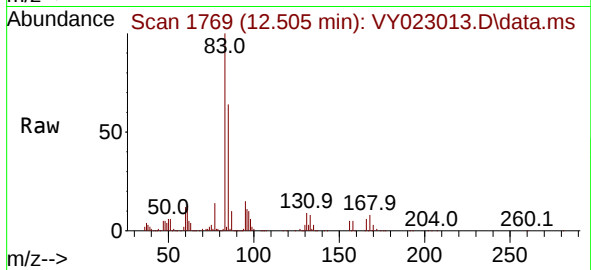




#75
1,1,2-Tetrachloroethane
Concen: 52.314 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

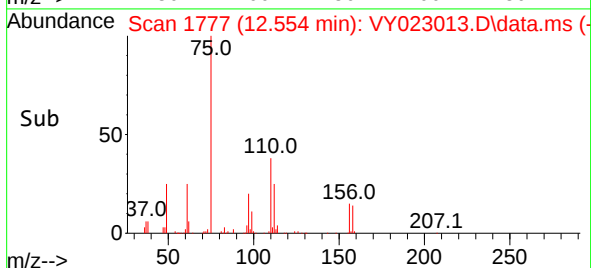
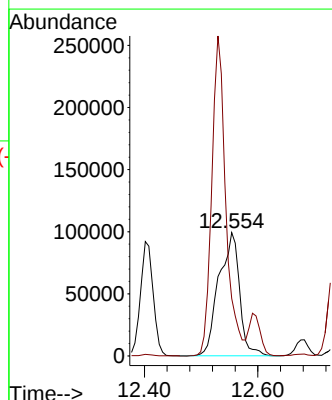
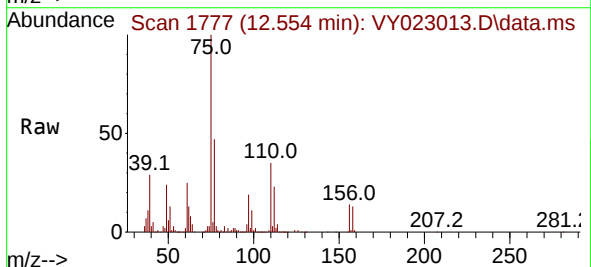
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

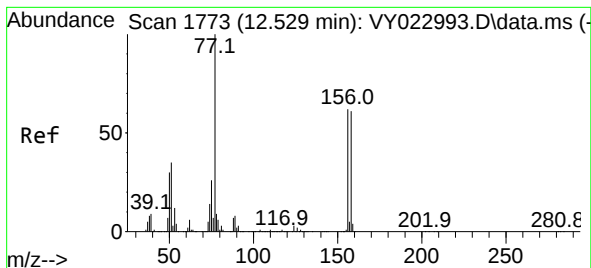
Tgt Ion: 83 Resp: 177627
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.4
85 63.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 72.805 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 75 Resp: 251064
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.319 ug/l

RT: 12.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

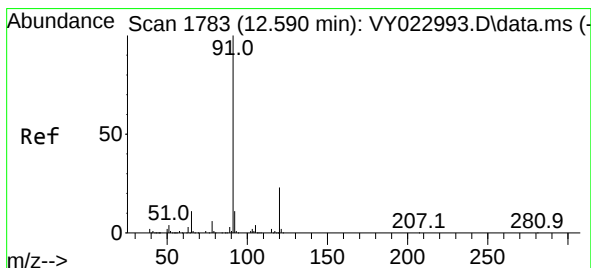
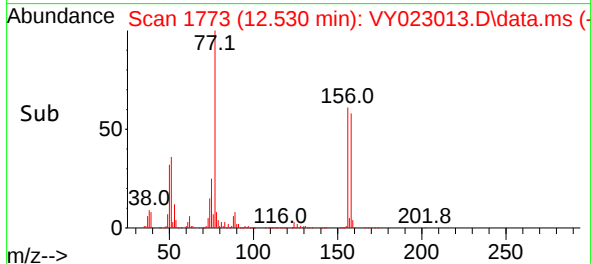
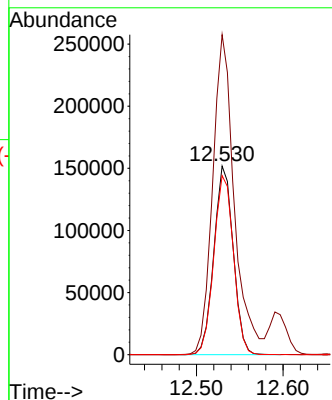
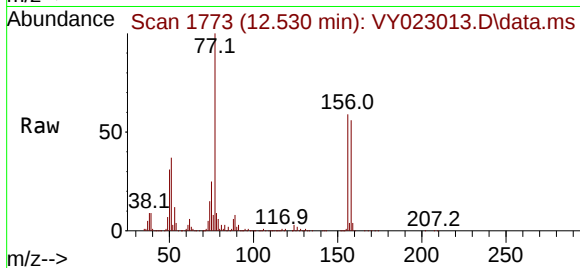
Tgt Ion:156 Resp: 235710

Ion Ratio Lower Upper

156 100

77 188.0 92.0 276.1

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 43.562 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023013.D

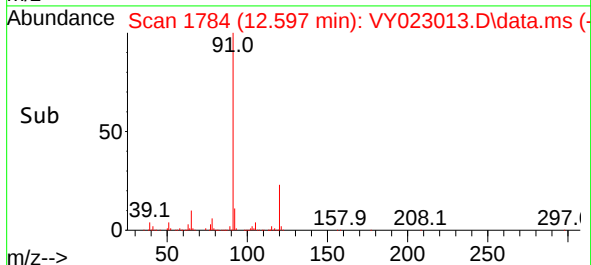
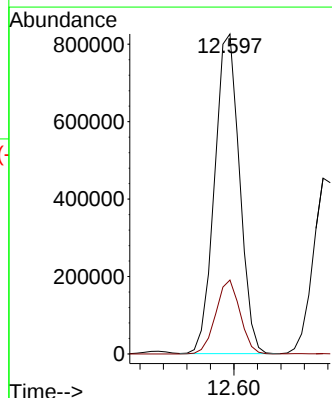
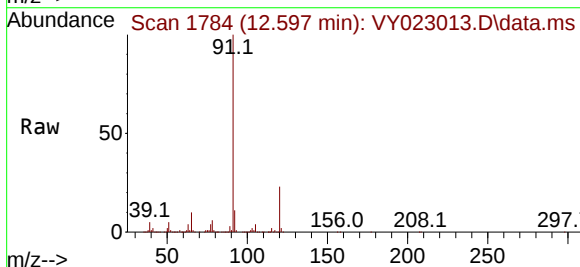
Acq: 18 Jul 2025 21:30

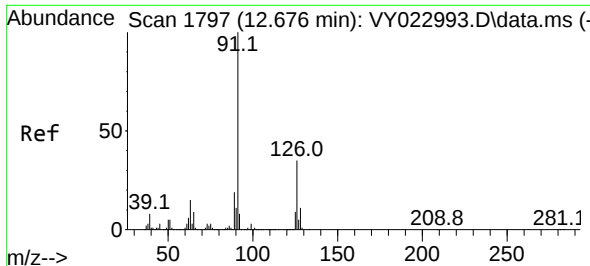
Tgt Ion: 91 Resp: 1217148

Ion Ratio Lower Upper

91 100

120 22.5 11.3 33.8

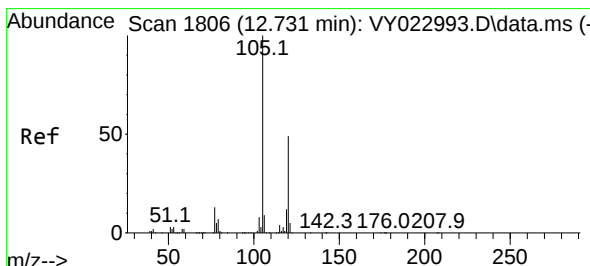
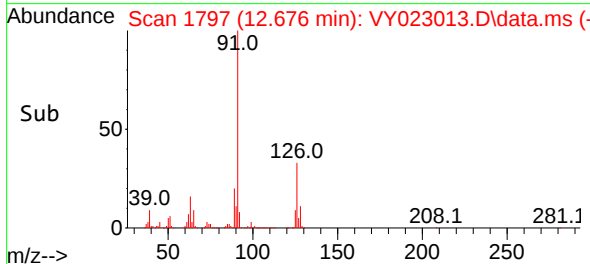
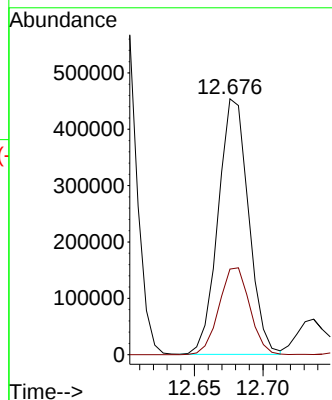
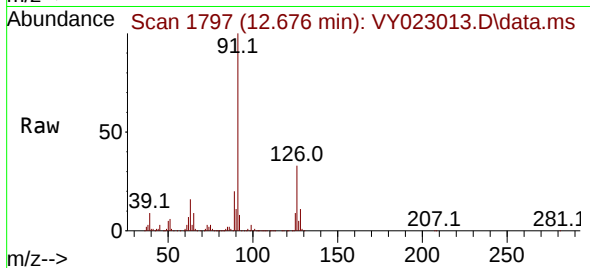




#79
2-Chlorotoluene
Concen: 44.577 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

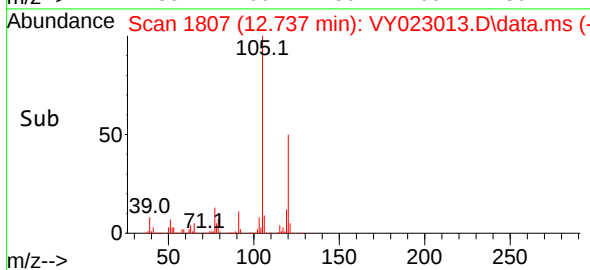
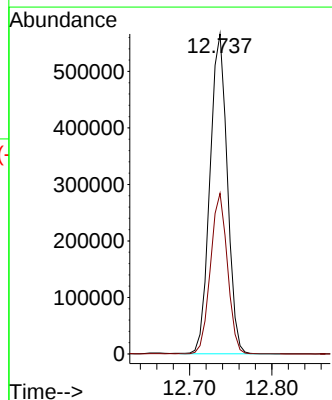
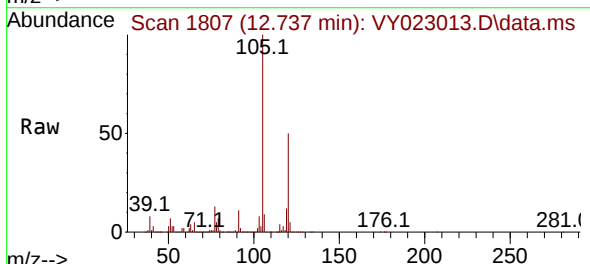
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

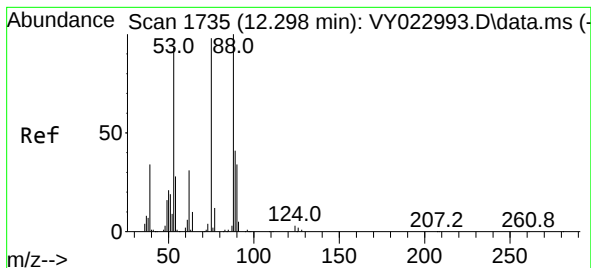
Tgt Ion: 91 Resp: 700498
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 44.746 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 105 Resp: 828035
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.8

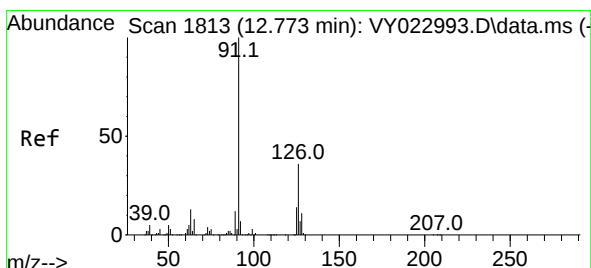
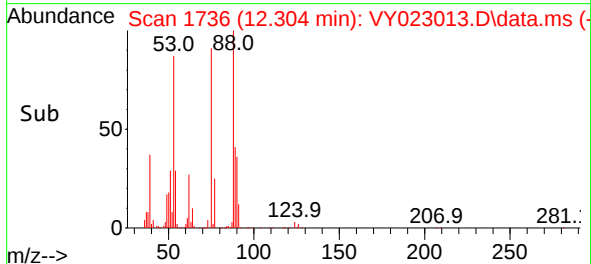
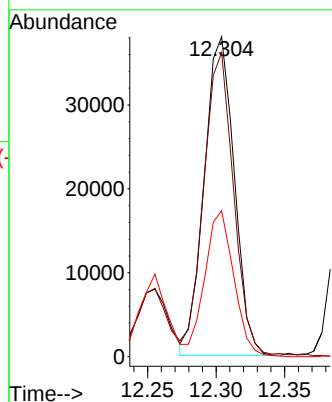
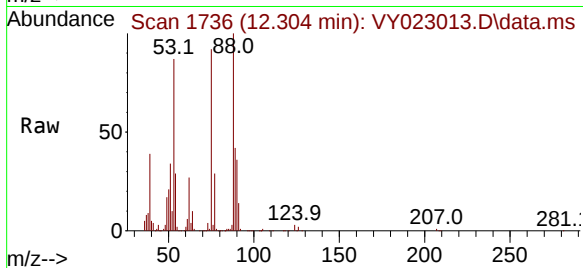




#81
trans-1,4-Dichloro-2-butene
Concen: 49.960 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

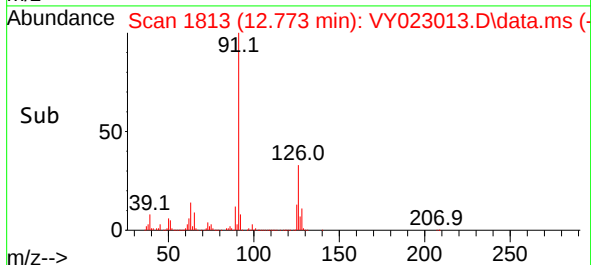
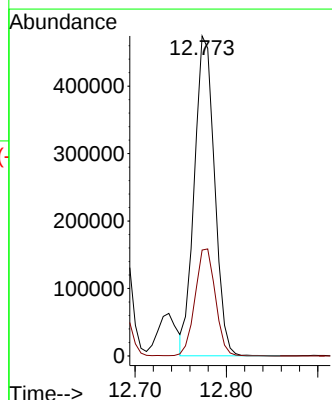
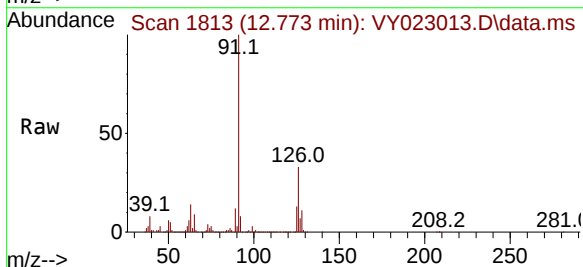
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

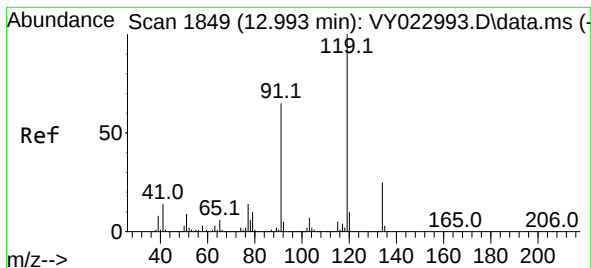
Tgt Ion: 75 Resp: 57844
Ion Ratio Lower Upper
75 100
53 95.7 76.1 114.1
89 44.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 45.812 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 91 Resp: 726082
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.5

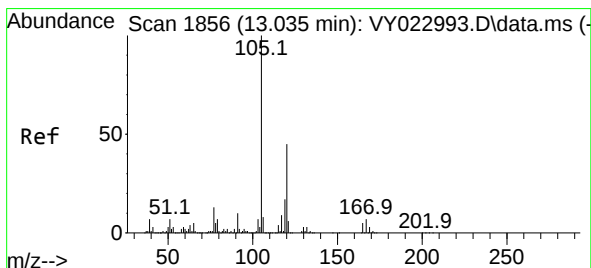
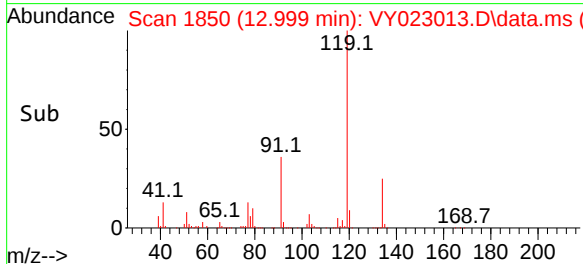
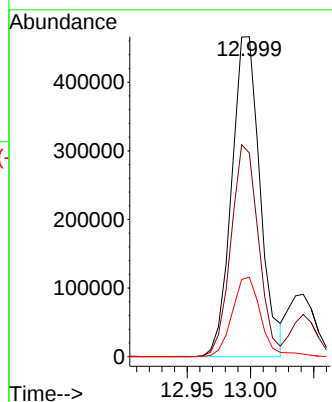
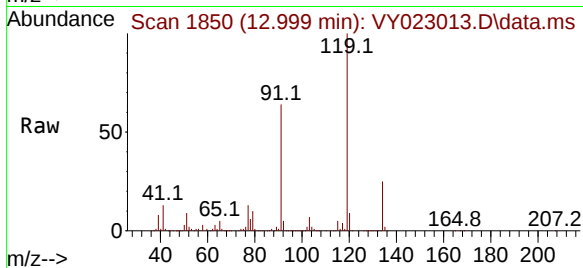




#83
 tert-Butylbenzene
 Concen: 43.702 ug/l
 RT: 12.999 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

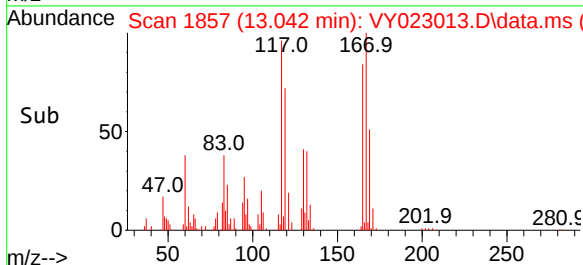
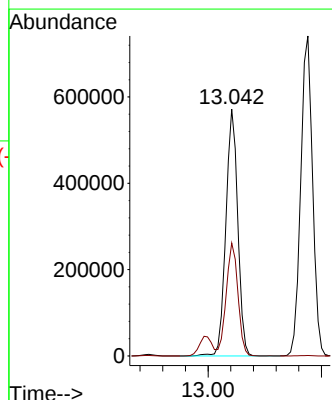
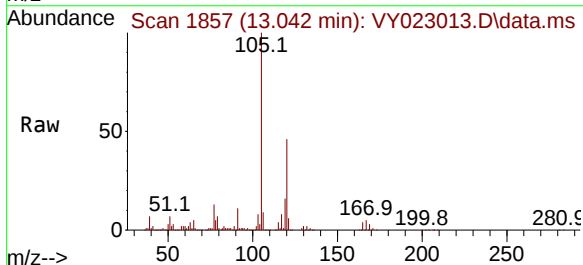
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

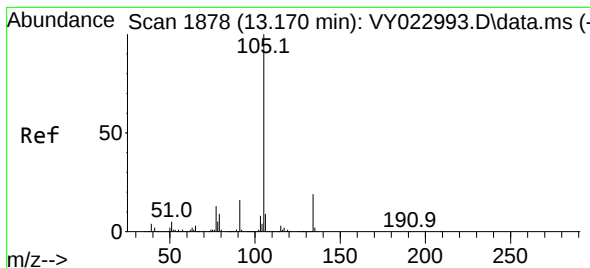
Tgt Ion:119 Resp: 730508
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.0 96.2
 134 25.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.601 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

Tgt Ion:105 Resp: 830661
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8





#85

sec-Butylbenzene

Concen: 42.792 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

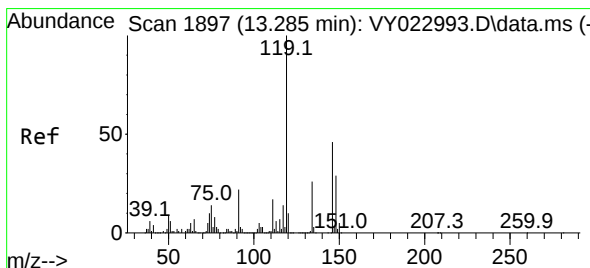
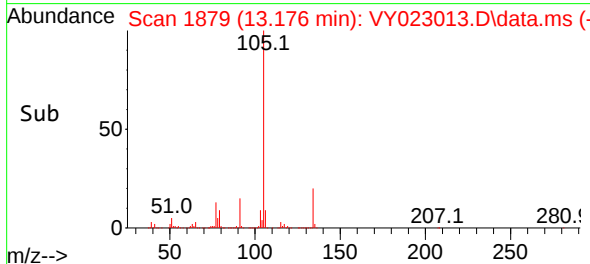
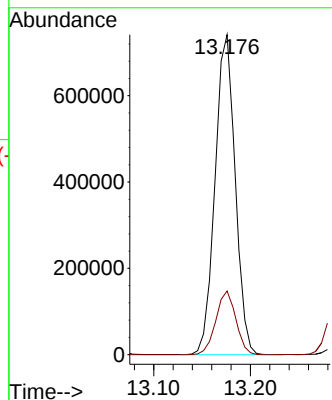
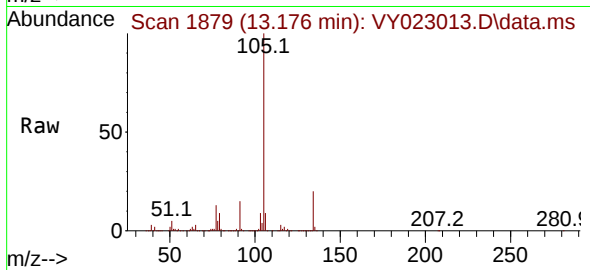
VSTDCCC050EC

Tgt Ion:105 Resp: 1071926

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 43.220 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

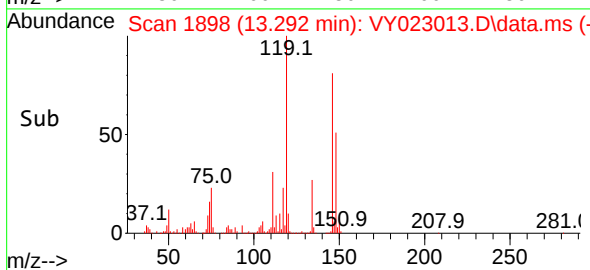
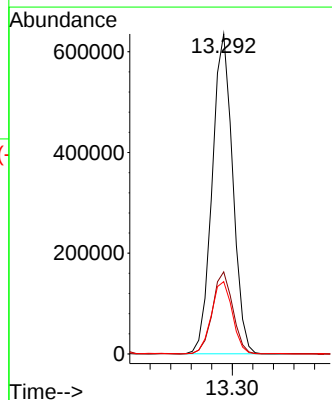
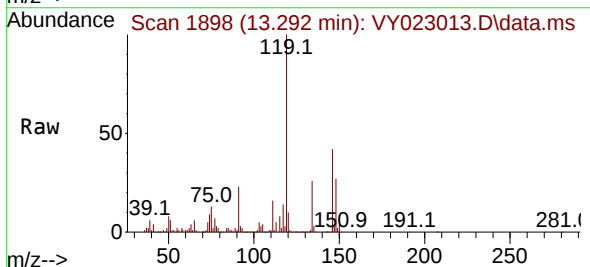
Tgt Ion:119 Resp: 879278

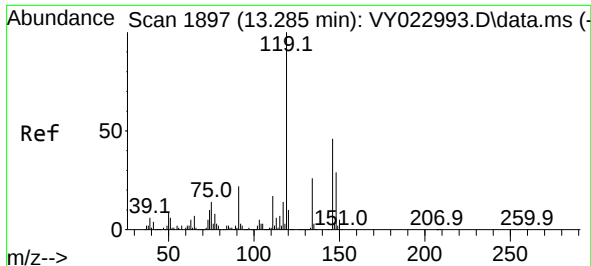
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.1 11.4 34.1

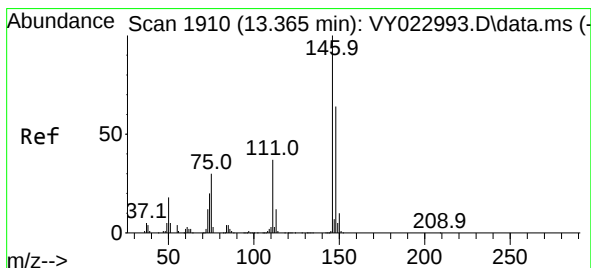
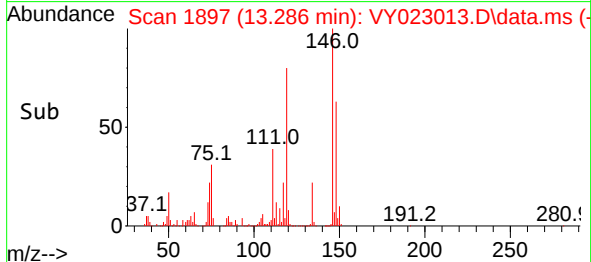
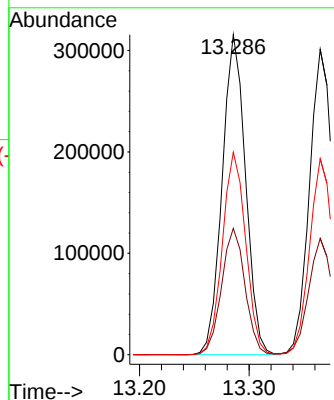
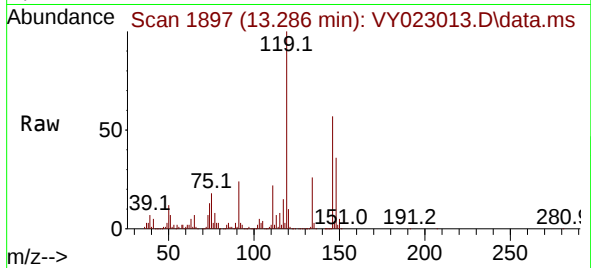




#87
 1,3-Dichlorobenzene
 Concen: 45.562 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

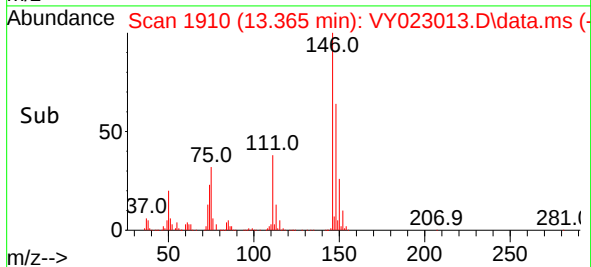
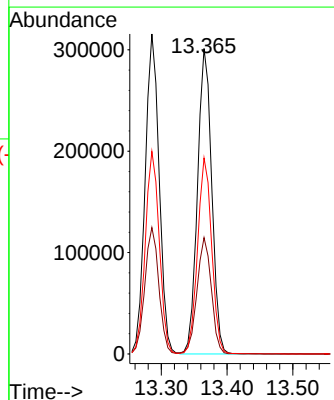
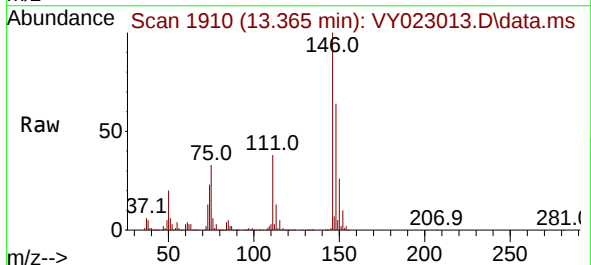
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

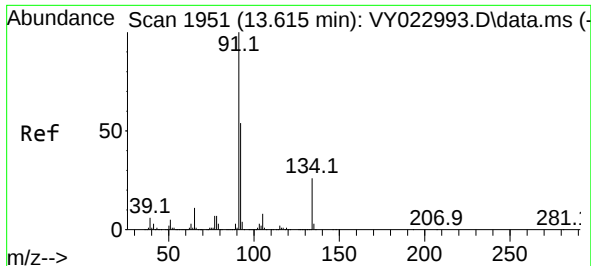
Tgt Ion:146 Resp: 467908
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 45.571 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023013.D
 Acq: 18 Jul 2025 21:30

Tgt Ion:146 Resp: 452749
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.5 31.9 95.5

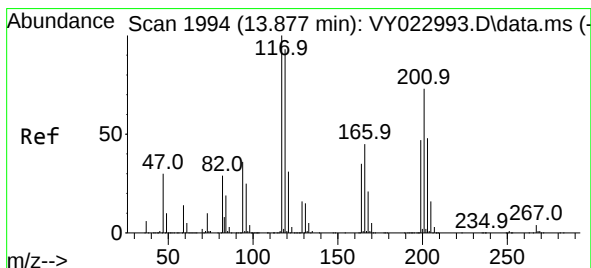
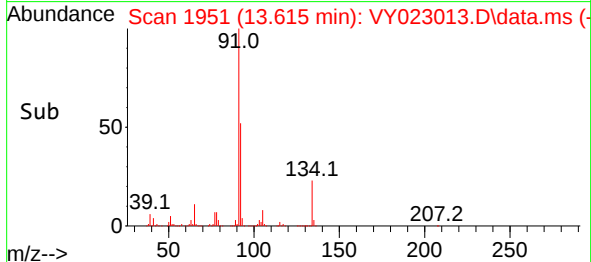
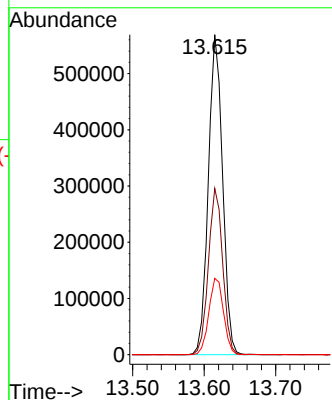
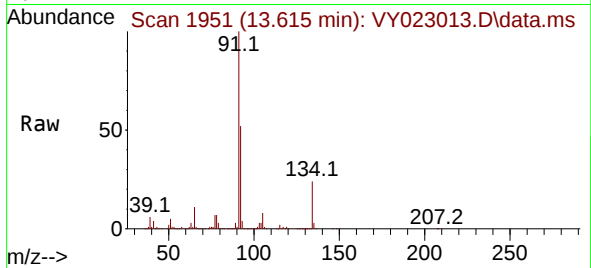




#89
n-Butylbenzene
Concen: 41.930 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

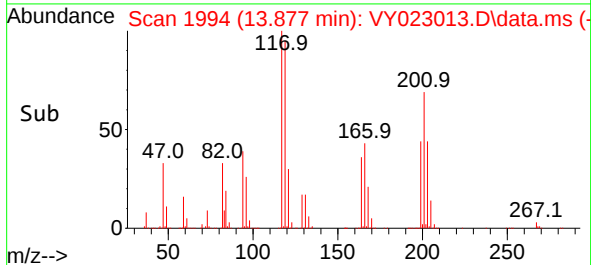
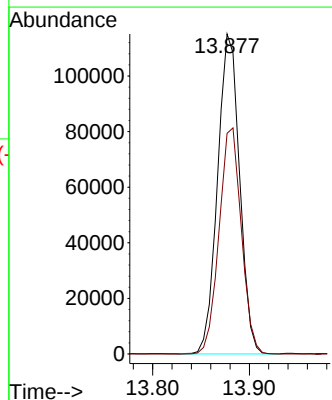
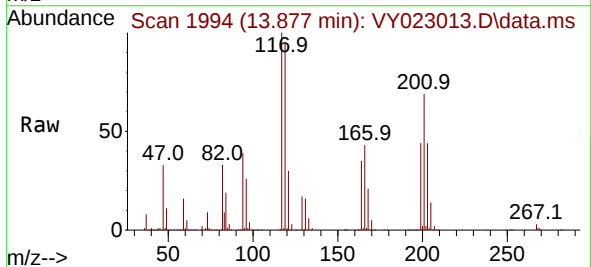
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

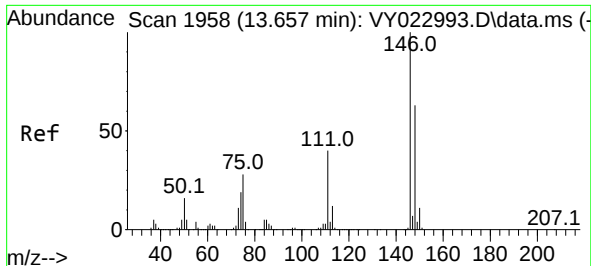
Tgt Ion: 91 Resp: 787148
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 24.7 12.6 37.6



#90
Hexachloroethane
Concen: 43.138 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023013.D
Acq: 18 Jul 2025 21:30

Tgt Ion: 117 Resp: 181698
Ion Ratio Lower Upper
117 100
201 71.4 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 47.745 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

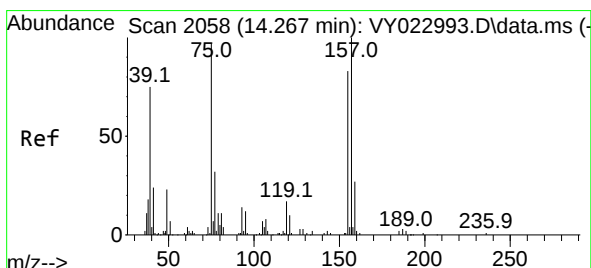
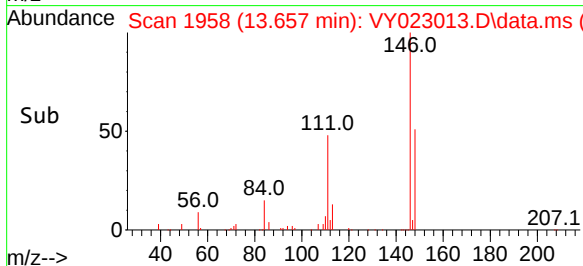
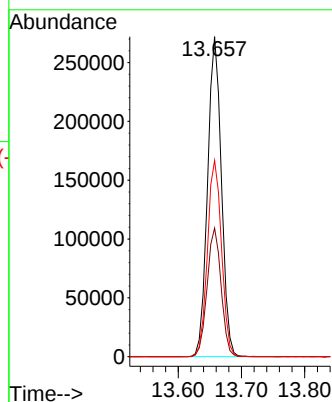
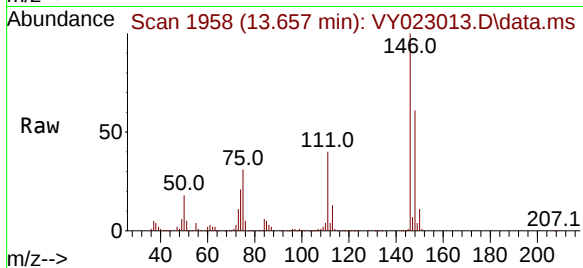
Tgt Ion:146 Resp: 413591

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 62.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.609 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

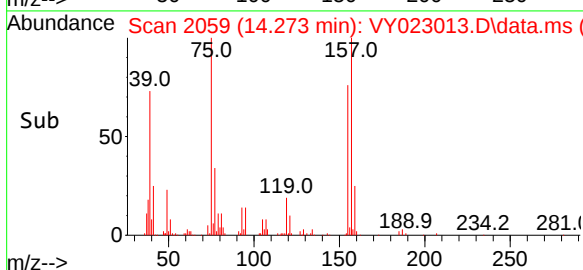
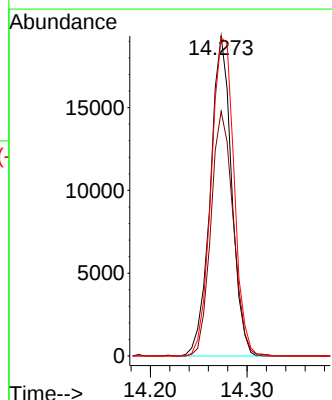
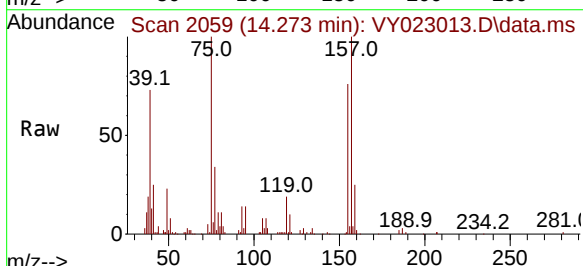
Tgt Ion: 75 Resp: 29548

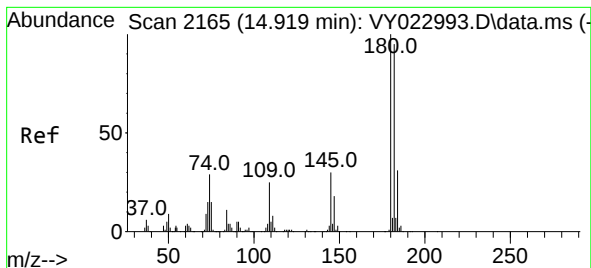
Ion Ratio Lower Upper

75 100

155 79.3 42.8 128.3

157 106.9 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 46.196 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

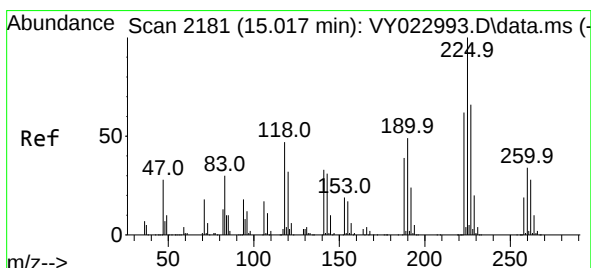
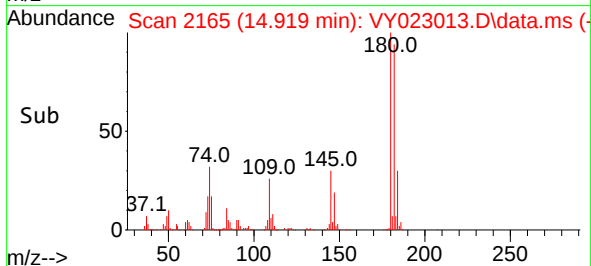
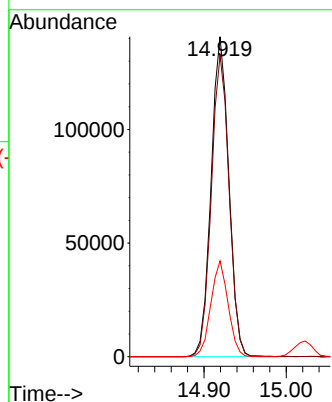
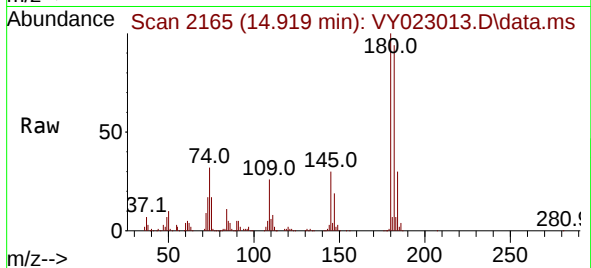
Tgt Ion:180 Resp: 210940

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.5

145 29.1 14.9 44.9



#94

Hexachlorobutadiene

Concen: 36.947 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

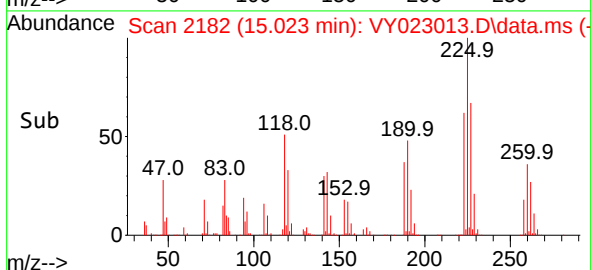
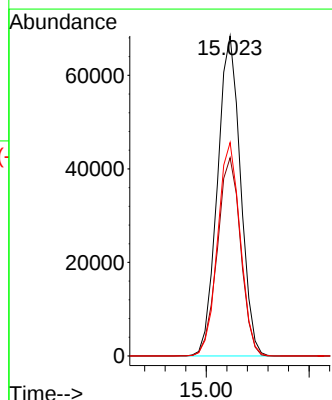
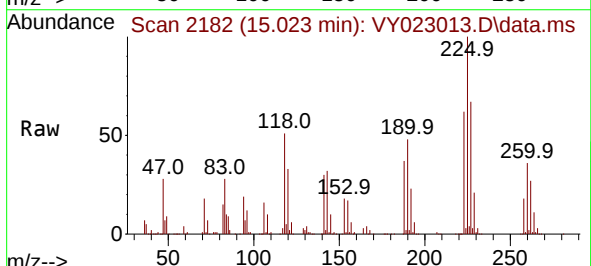
Tgt Ion:225 Resp: 106361

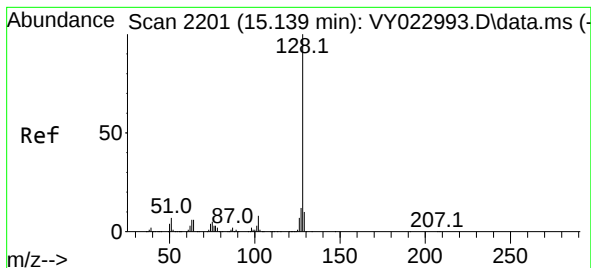
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.0

227 65.4 32.1 96.5





#95

Naphthalene

Concen: 56.191 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

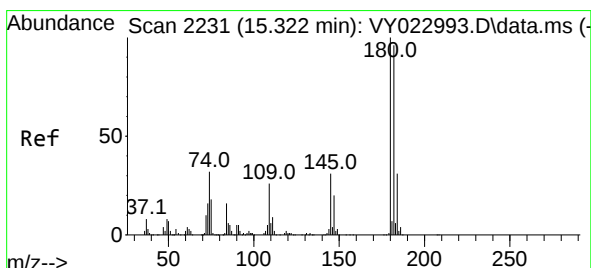
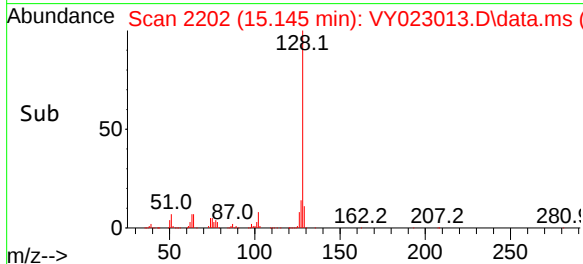
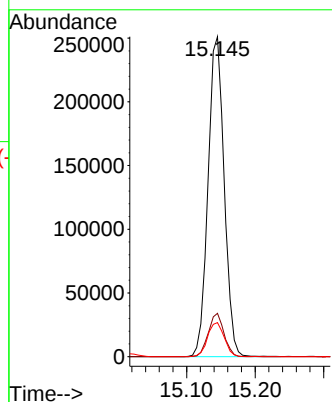
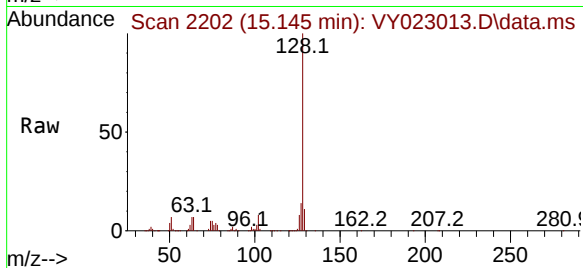
Tgt Ion:128 Resp: 411528

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.139 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023013.D

Acq: 18 Jul 2025 21:30

Tgt Ion:180 Resp: 185268

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 32.0 15.8 47.4

