

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023017.D
 Acq On : 21 Jul 2025 11:13
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 04:47:35 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	417337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	691452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	586317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	283751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219889	52.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.634	113	210938	48.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.180%	
50) Toluene-d8	10.103	98	827118	47.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.401	95	258332	47.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	70825	19.987	ug/l	96
3) Chloromethane	2.068	50	133065	22.084	ug/l	99
4) Vinyl Chloride	2.202	62	162134	21.239	ug/l	99
5) Bromomethane	2.592	94	134057	24.332	ug/l	99
6) Chloroethane	2.732	64	112975	22.159	ug/l	99
7) Trichlorofluoromethane	3.056	101	187057	21.109	ug/l	95
8) Diethyl Ether	3.452	74	50505	21.776	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	94675	20.338	ug/l	99
10) Methyl Iodide	4.007	142	86654	17.919	ug/l	99
11) Tert butyl alcohol	4.860	59	29742	116.404	ug/l	100
12) 1,1-Dichloroethene	3.787	96	89671	20.221	ug/l	97
13) Acrolein	3.653	56	18665	155.460	ug/l	95
14) Allyl chloride	4.378	41	139366	20.628	ug/l	99
15) Acrylonitrile	5.055	53	103105	117.367	ug/l	100
16) Acetone	3.872	43	113819	148.622	ug/l	100
17) Carbon Disulfide	4.104	76	280632	20.880	ug/l	99
18) Methyl Acetate	4.385	43	57135	22.037	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	233203	21.924	ug/l	98
20) Methylene Chloride	4.616	84	135775	20.247	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	101510	20.564	ug/l	97
22) Diisopropyl ether	6.018	45	309021	21.560	ug/l	98
23) Vinyl Acetate	5.957	43	826708	114.473	ug/l	100
24) 1,1-Dichloroethane	5.915	63	186822	20.752	ug/l	99
25) 2-Butanone	6.890	43	143739	130.833	ug/l	99
26) 2,2-Dichloropropane	6.884	77	161660	20.489	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	116165	20.419	ug/l	99
28) Bromochloromethane	7.244	49	75745	21.693	ug/l	96
29) Tetrahydrofuran	7.262	42	81464	117.116	ug/l	100
30) Chloroform	7.421	83	189111	20.824	ug/l	95
31) Cyclohexane	7.701	56	167294	19.888	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	166781	20.240	ug/l	99
36) 1,1-Dichloropropene	7.835	75	136134	19.704	ug/l	99
37) Ethyl Acetate	6.988	43	58625	22.847	ug/l	99
38) Carbon Tetrachloride	7.817	117	148433	19.775	ug/l	98
39) Methylcyclohexane	9.109	83	167760	18.760	ug/l	98
40) Benzene	8.079	78	418020	20.095	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023017.D
 Acq On : 21 Jul 2025 11:13
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 04:47:35 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	7.262	41	82816	59.247	ug/l #	31
42) 1,2-Dichloroethane	8.158	62	111901	21.622	ug/l	99
43) Isopropyl Acetate	8.195	43	114470	22.459	ug/l #	86
44) Trichloroethene	8.865	130	103444	19.361	ug/l	97
45) 1,2-Dichloropropane	9.140	63	98991	20.378	ug/l	97
46) Dibromomethane	9.231	93	54493	21.702	ug/l	99
47) Bromodichloromethane	9.420	83	142773	20.570	ug/l	98
48) Methyl methacrylate	9.219	41	54690	22.225	ug/l	99
49) 1,4-Dioxane	9.225	88	12190	460.562	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	296911	114.770	ug/l	99
52) Toluene	10.170	92	258346	19.975	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	123664	20.756	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	150566	20.967	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	70181	21.265	ug/l	96
56) Ethyl methacrylate	10.438	69	88261	21.424	ug/l	98
57) 1,3-Dichloropropane	10.713	76	121849	21.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	197528	97.947	ug/l	98
59) 2-Hexanone	10.761	43	204354	120.174	ug/l	99
60) Dibromochloromethane	10.908	129	90494	20.940	ug/l	98
61) 1,2-Dibromoethane	11.011	107	64686	21.584	ug/l	98
64) Tetrachloroethene	10.646	164	115530	19.278	ug/l	94
65) Chlorobenzene	11.438	112	276316	19.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	92315	19.563	ug/l	99
67) Ethyl Benzene	11.517	91	472954	19.286	ug/l	100
68) m/p-Xylenes	11.627	106	365243	38.830	ug/l	99
69) o-Xylene	11.950	106	169844	19.457	ug/l	100
70) Styrene	11.969	104	276934	19.367	ug/l	99
71) Bromoform	12.133	173	51038	21.305	ug/l #	99
73) Isopropylbenzene	12.255	105	447600	18.606	ug/l	99
74) N-amyl acetate	12.066	43	95827	21.128	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	73937	21.238	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	101359	28.667	ug/l #	100
77) Bromobenzene	12.529	156	100323	19.228	ug/l	100
78) n-propylbenzene	12.590	91	545094	19.027	ug/l	99
79) 2-Chlorotoluene	12.676	91	306395	19.016	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	357988	18.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24013	20.228	ug/l	98
82) 4-Chlorotoluene	12.773	91	310771	19.124	ug/l	99
83) tert-Butylbenzene	12.993	119	319915	18.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	351737	18.832	ug/l	99
85) sec-Butylbenzene	13.170	105	480603	18.712	ug/l	100
86) p-Isopropyltoluene	13.292	119	392976	18.839	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	200360	19.028	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	199817	19.616	ug/l	99
89) n-Butylbenzene	13.615	91	366638	19.048	ug/l	99
90) Hexachloroethane	13.877	117	80981	18.751	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	169075	19.036	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12015	23.243	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	93870	20.050	ug/l	99
94) Hexachlorobutadiene	15.023	225	55300	18.735	ug/l	99
95) Naphthalene	15.139	128	156400	20.828	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	79873	20.662	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
Data File : VY023017.D
Acq On : 21 Jul 2025 11:13
Operator : SY/MD
Sample : VY0721SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

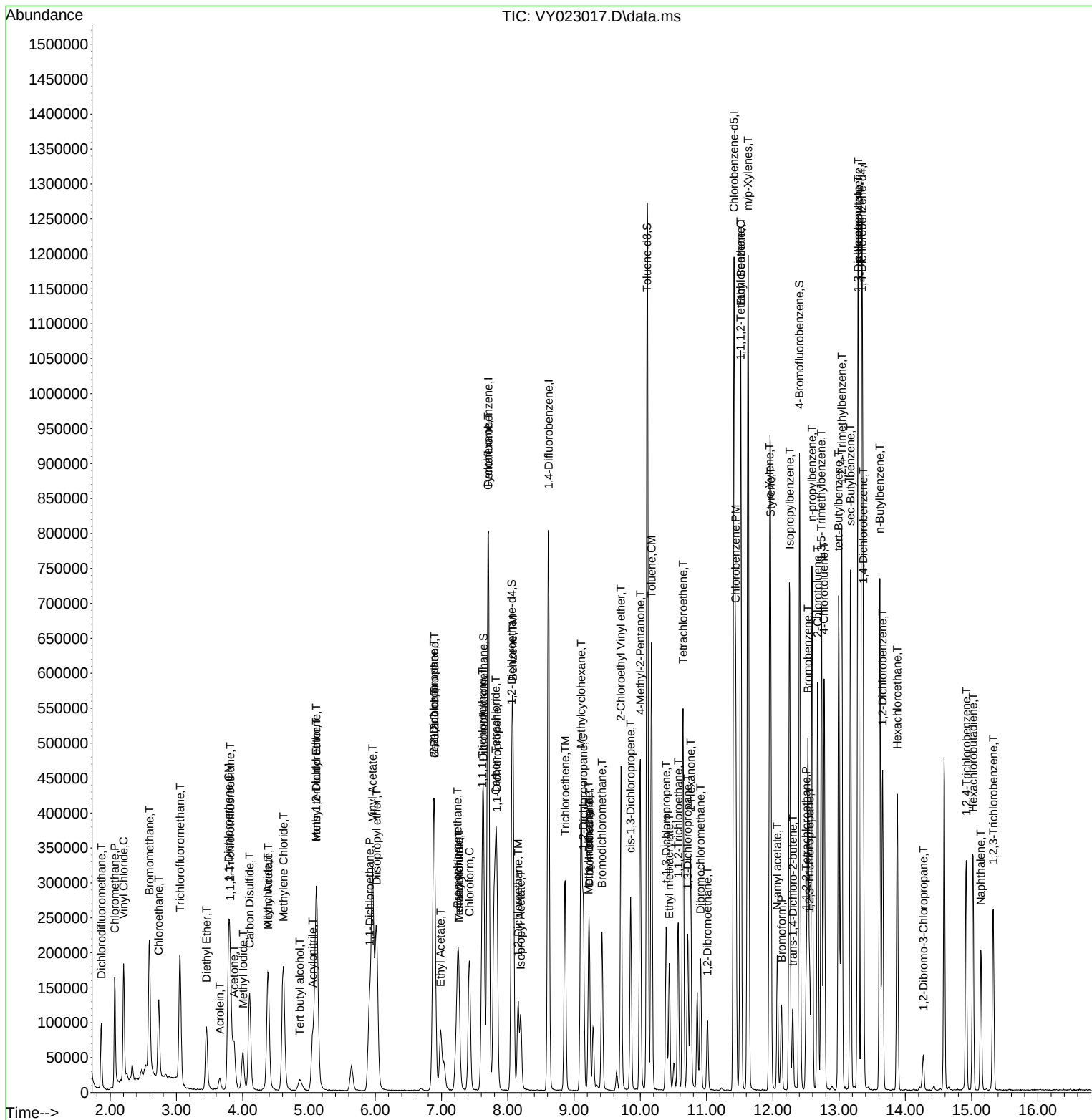
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

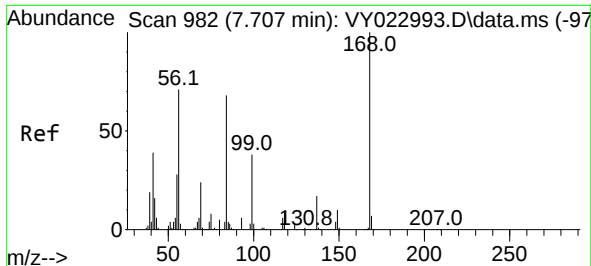
Quant Time: Jul 22 04:47:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:50:49 2025
Response via : Initial Calibration

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

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

Quant Time: Jul 22 04:47:35 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

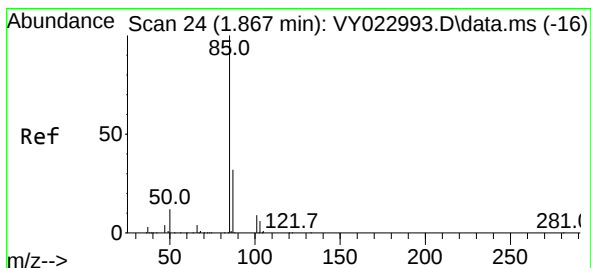
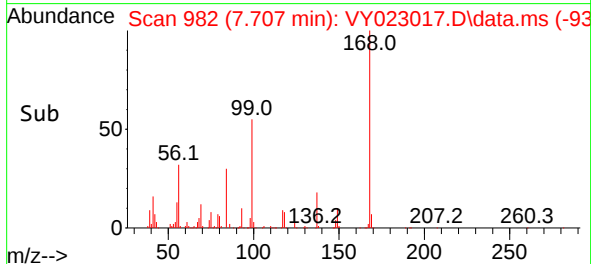
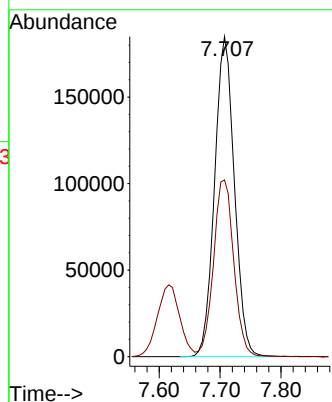
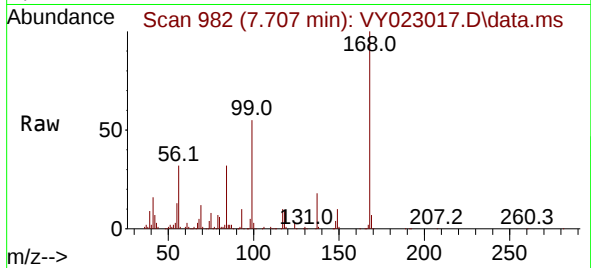




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

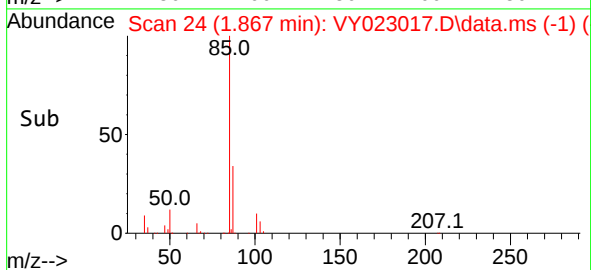
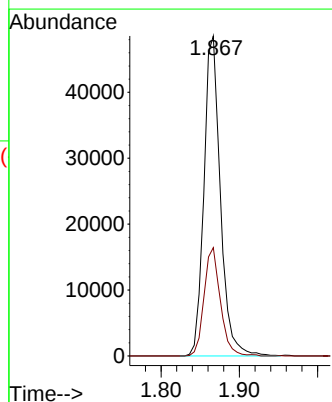
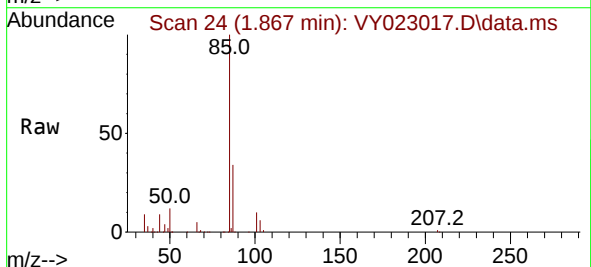
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

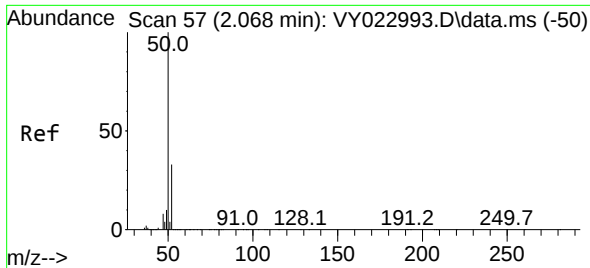
Tgt Ion:168 Resp: 417337
Ion Ratio Lower Upper
168 100
99 55.2 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 19.987 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 85 Resp: 70825
Ion Ratio Lower Upper
85 100
87 33.9 16.0 47.9

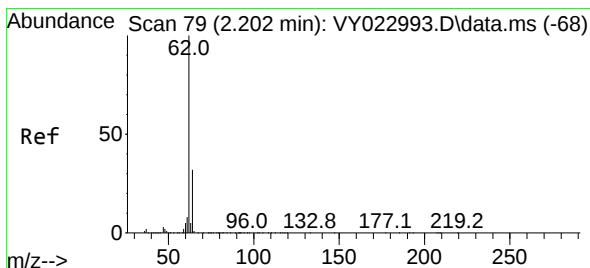
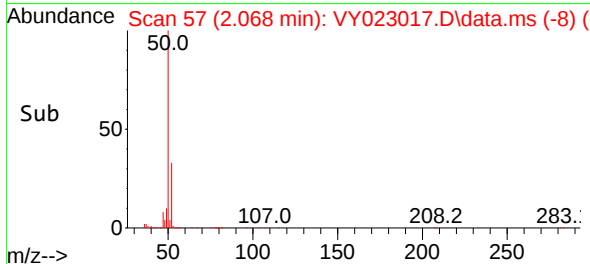
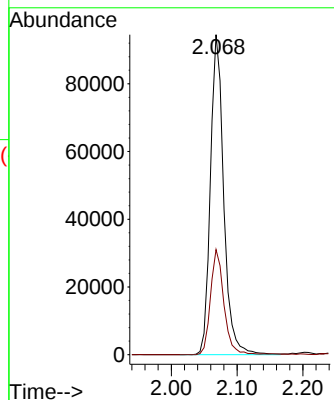
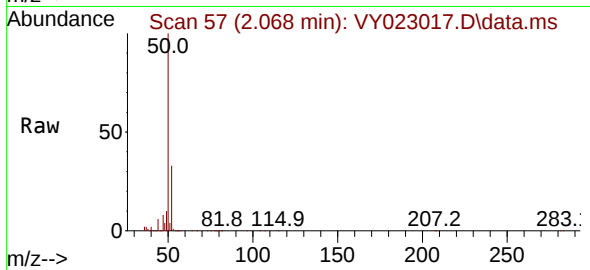




#3
Chloromethane
Concen: 22.084 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

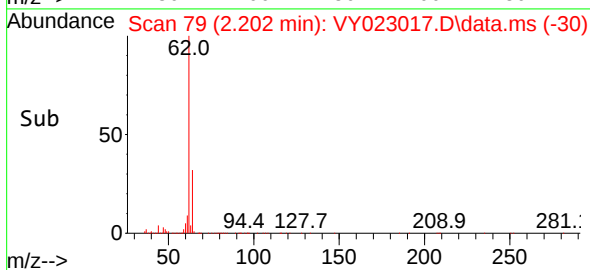
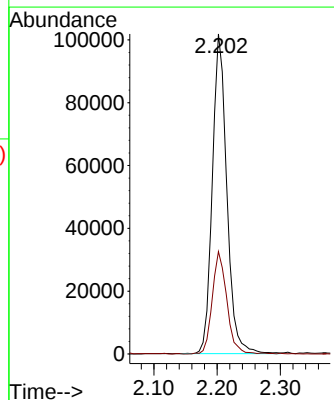
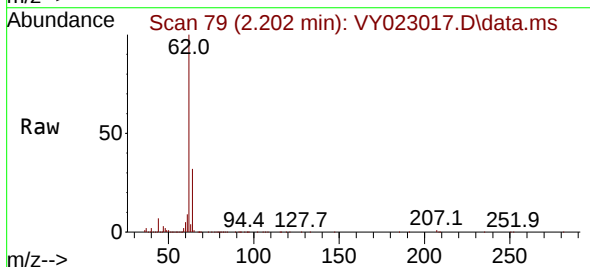
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

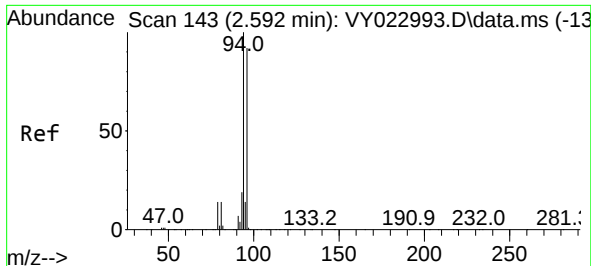
Tgt Ion: 50 Resp: 133065
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8



#4
Vinyl Chloride
Concen: 21.239 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 62 Resp: 162134
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

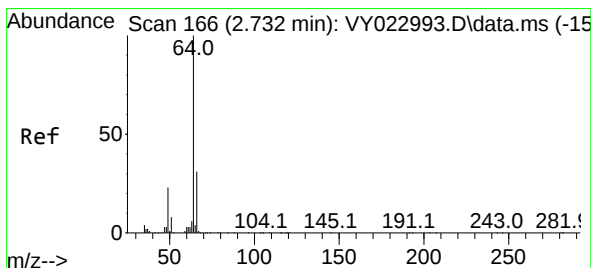
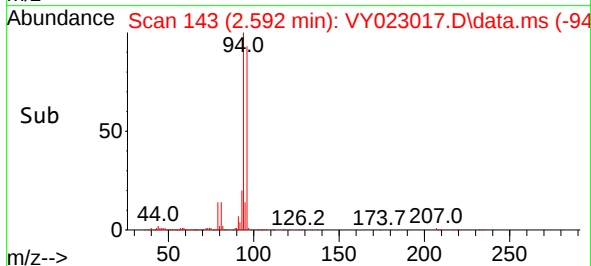
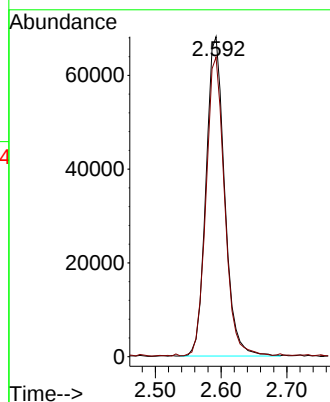
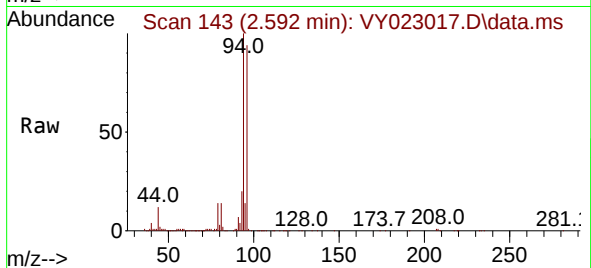




#5
Bromomethane
Concen: 24.332 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

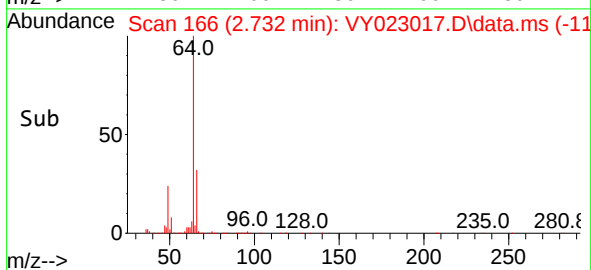
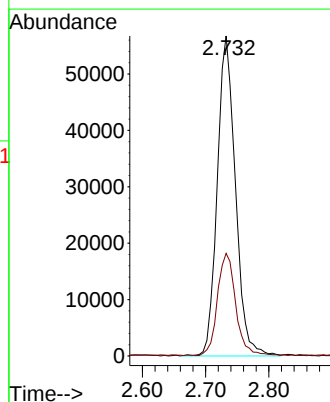
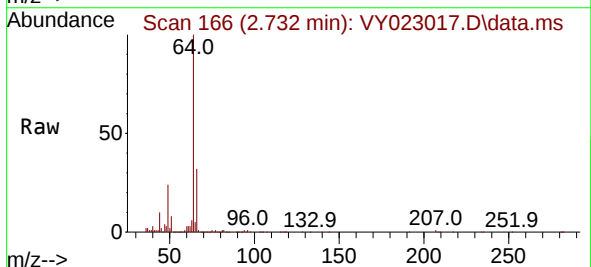
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

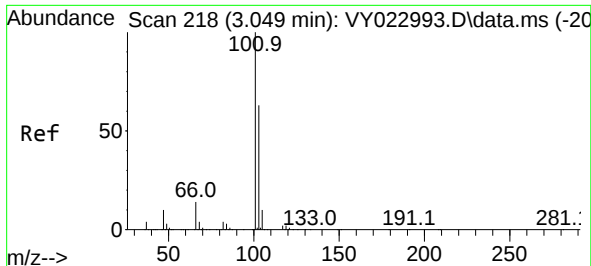
Tgt Ion: 94 Resp: 134057
Ion Ratio Lower Upper
94 100
96 93.5 73.9 110.9



#6
Chloroethane
Concen: 22.159 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 64 Resp: 112975
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3

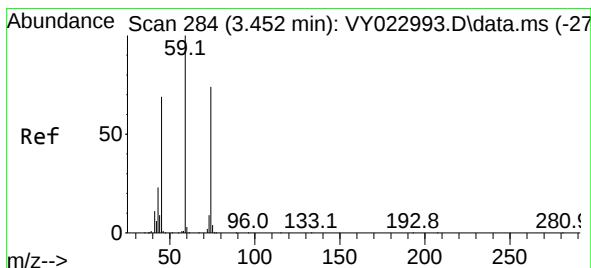
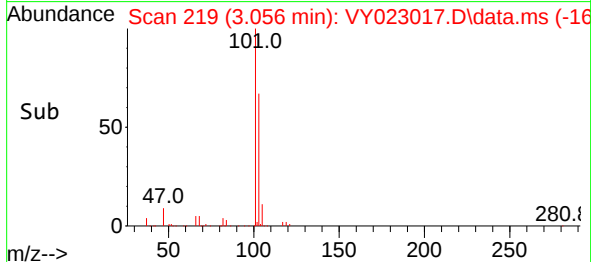
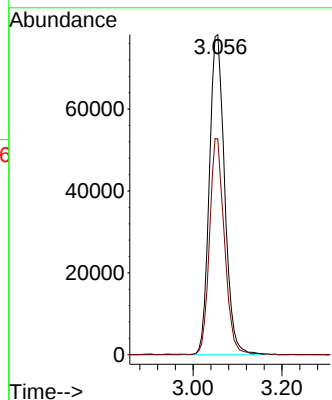
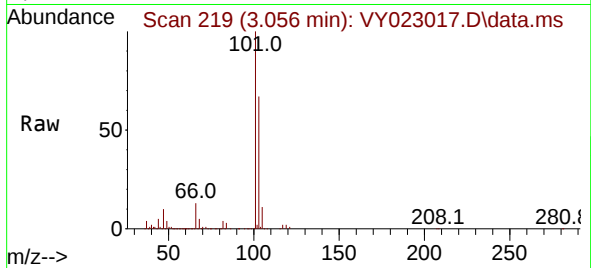




#7
 Trichlorofluoromethane
 Concen: 21.109 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

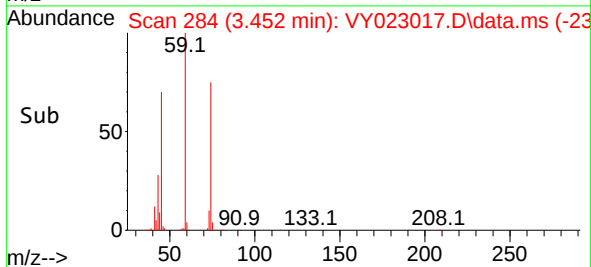
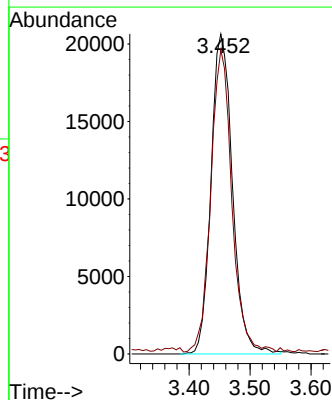
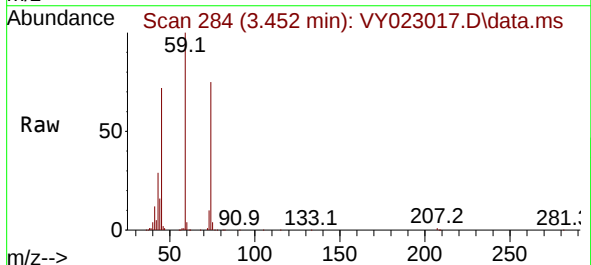
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

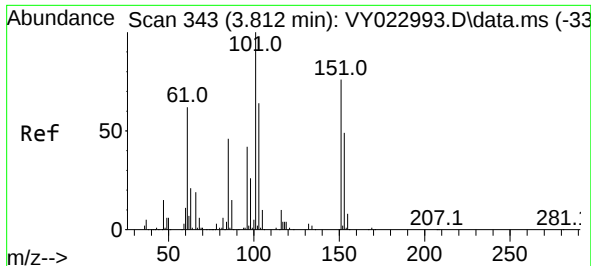
Tgt Ion:101 Resp: 187057
 Ion Ratio Lower Upper
 101 100
 103 67.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 21.776 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

Tgt Ion: 74 Resp: 50505
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.1 135.2

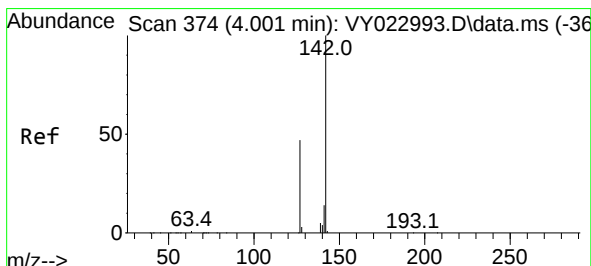
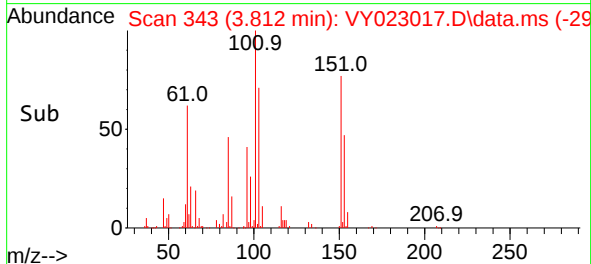
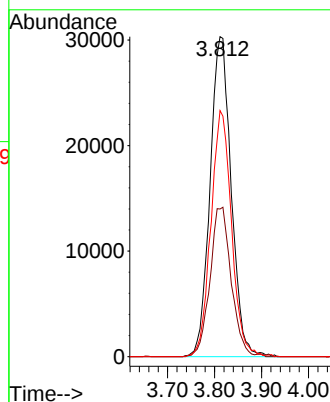
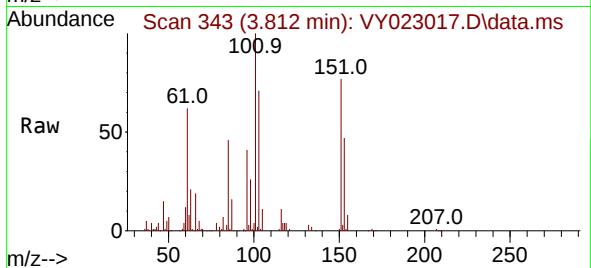




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.338 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

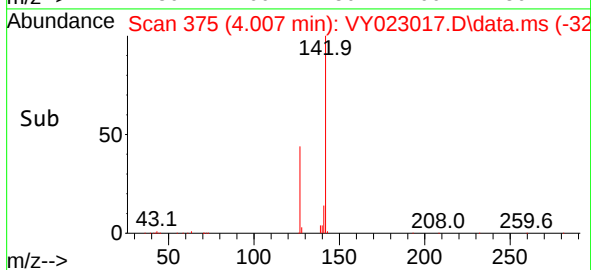
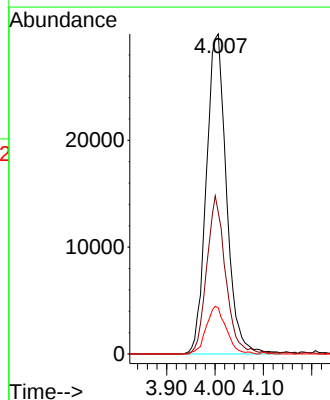
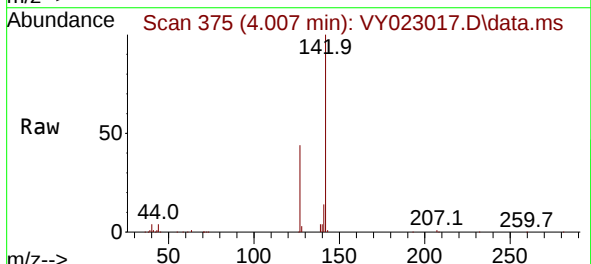
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

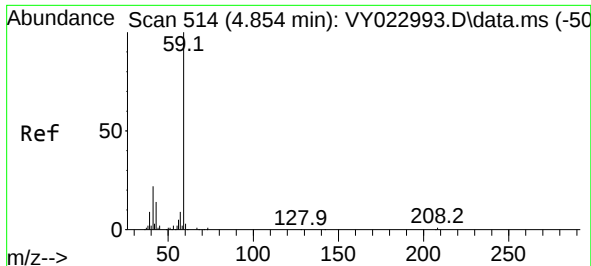
Tgt Ion:101 Resp: 94675
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 75.2 59.7 89.5



#10
Methyl Iodide
Concen: 17.919 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:142 Resp: 86654
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.6
141 14.7 11.4 17.2

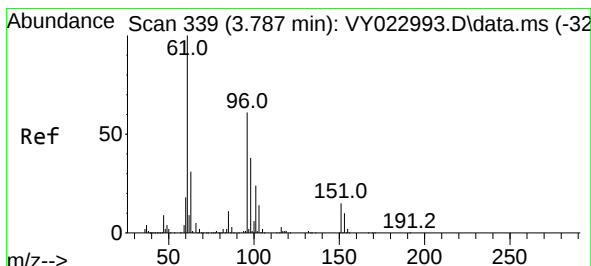
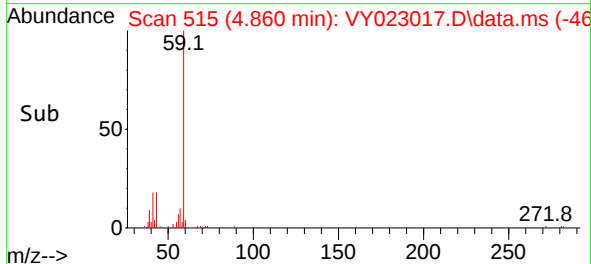
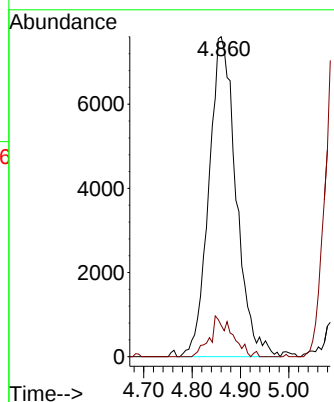
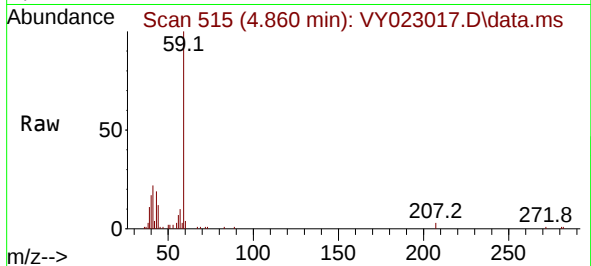




#11
Tert butyl alcohol
Concen: 116.404 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

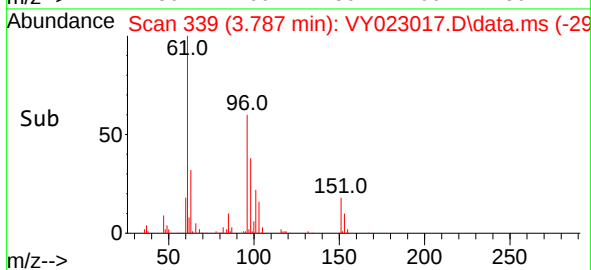
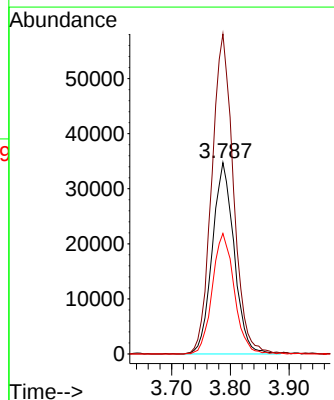
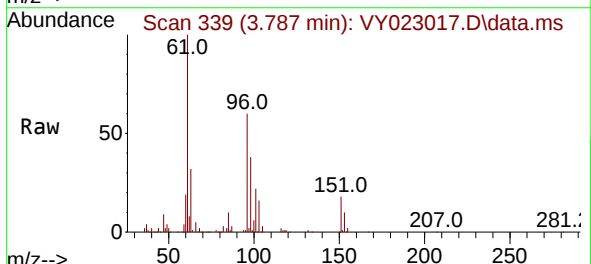
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

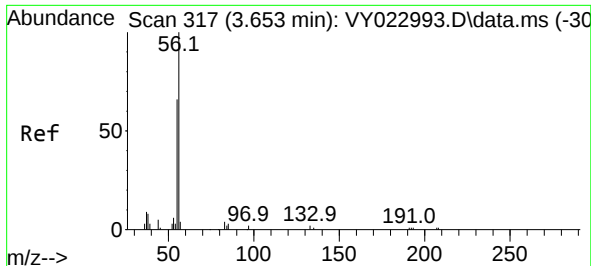
Tgt Ion: 59 Resp: 29742
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.221 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 96 Resp: 89671
Ion Ratio Lower Upper
96 100
61 167.3 130.4 195.6
98 63.0 49.6 74.4

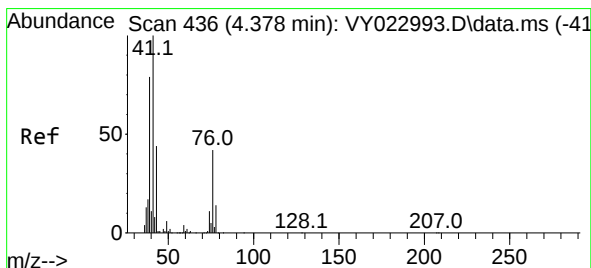
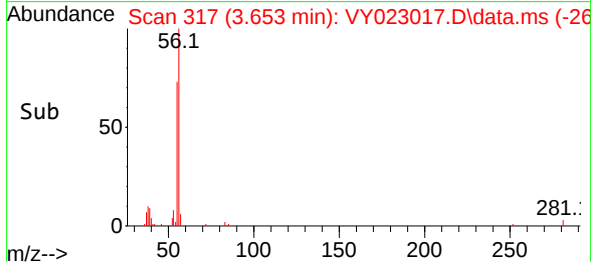
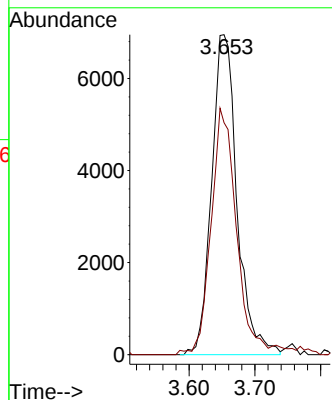
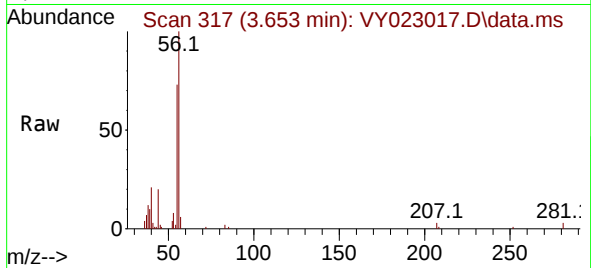




#13
Acrolein
Concen: 155.460 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

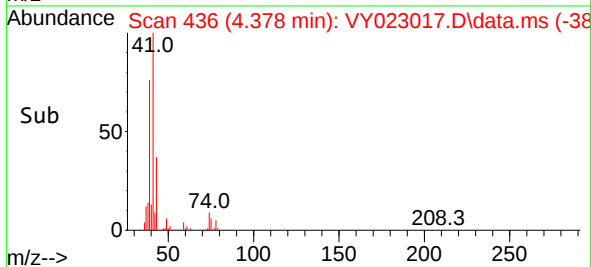
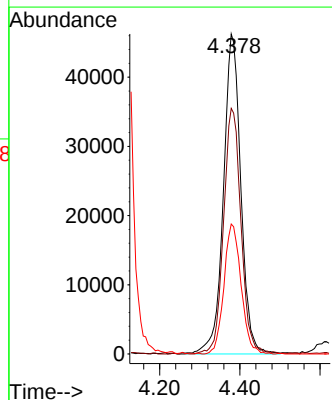
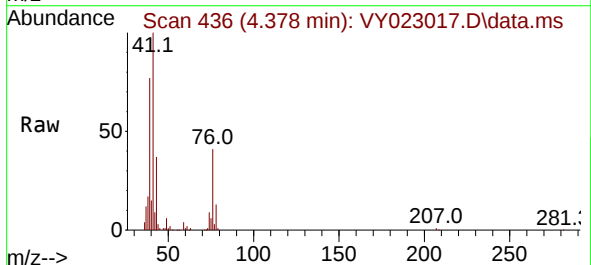
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

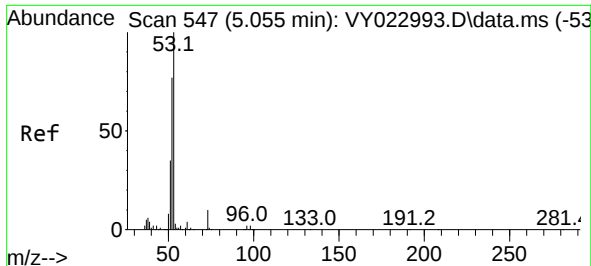
Tgt Ion: 56 Resp: 18665
Ion Ratio Lower Upper
56 100
55 76.1 57.8 86.6



#14
Allyl chloride
Concen: 20.628 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 41 Resp: 139366
Ion Ratio Lower Upper
41 100
39 76.0 60.1 90.1
76 40.0 32.2 48.4

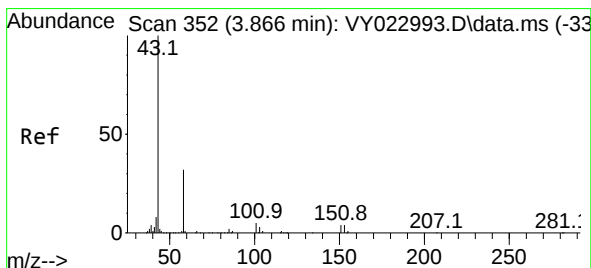
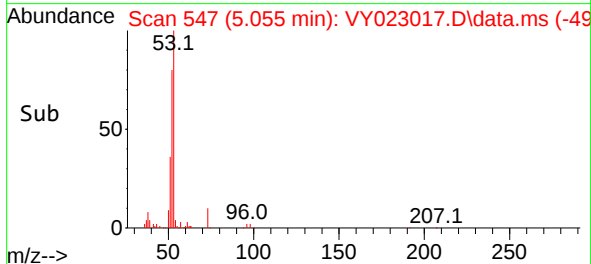
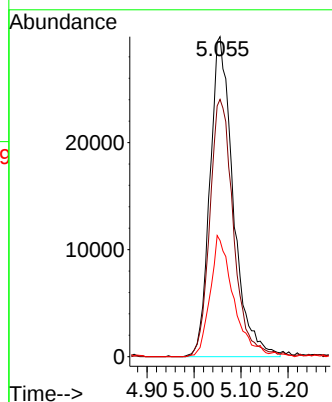
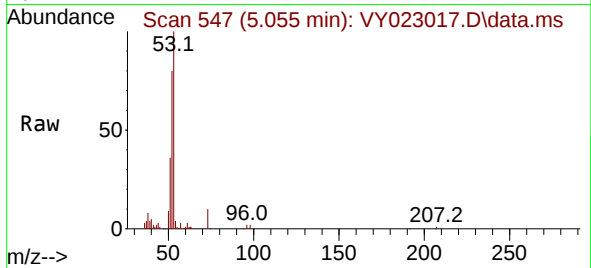




#15
Acrylonitrile
Concen: 117.367 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

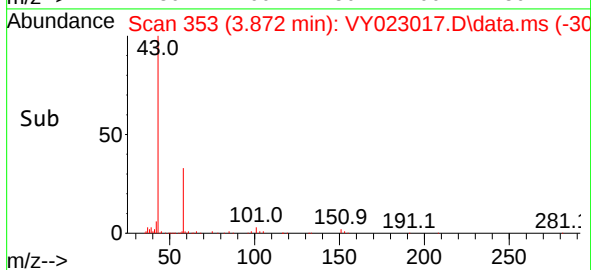
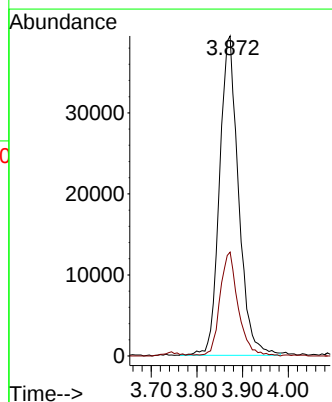
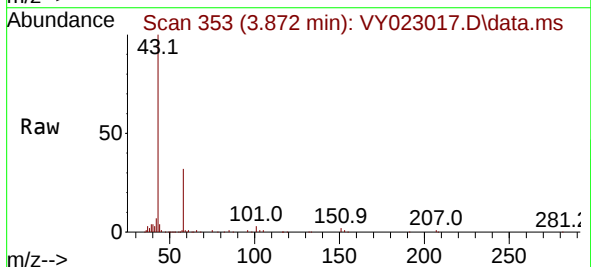
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

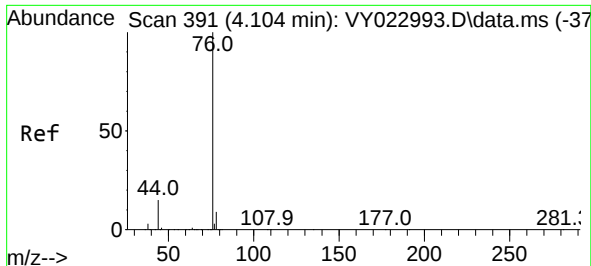
Tgt Ion: 53 Resp: 103105
Ion Ratio Lower Upper
53 100
52 81.2 65.2 97.8
51 37.8 30.3 45.5



#16
Acetone
Concen: 148.622 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 43 Resp: 113819
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.4

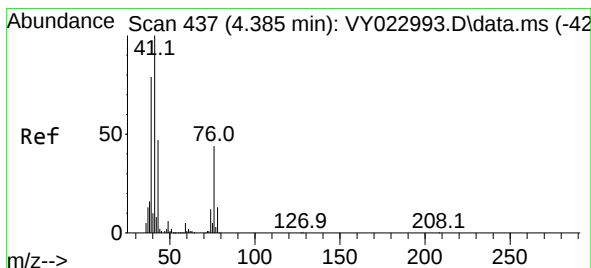
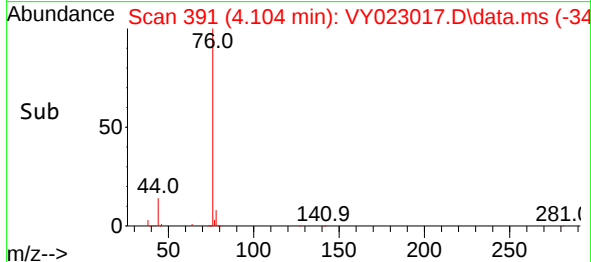
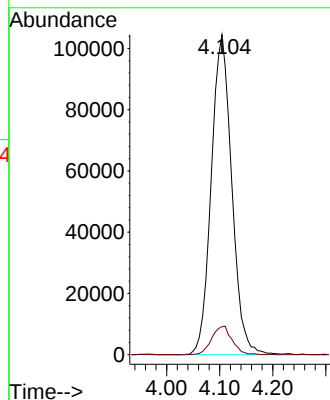
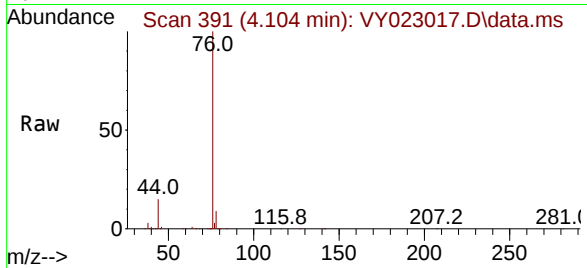




#17
Carbon Disulfide
Concen: 20.880 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

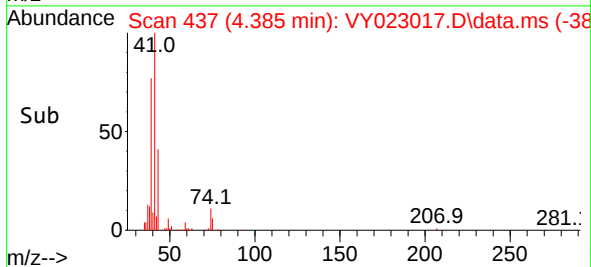
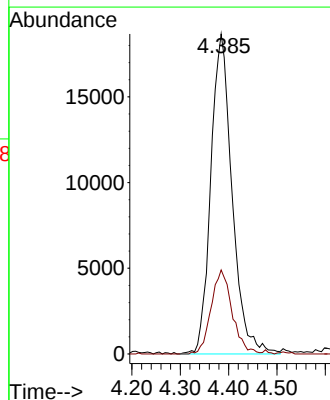
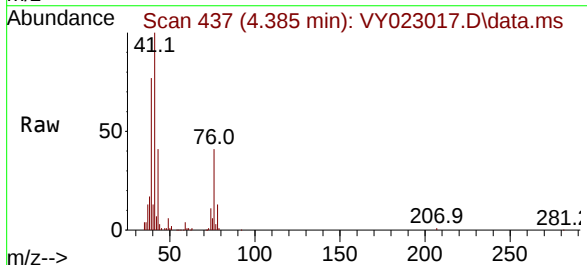
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

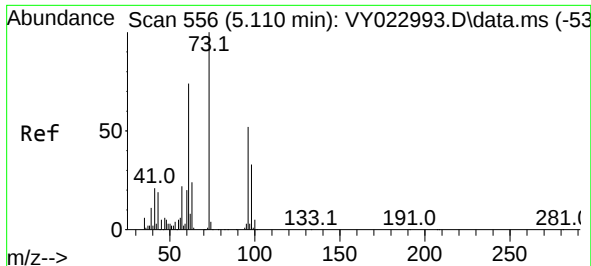
Tgt Ion: 76 Resp: 280632
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 22.037 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 43 Resp: 57135
Ion Ratio Lower Upper
43 100
74 25.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 21.924 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

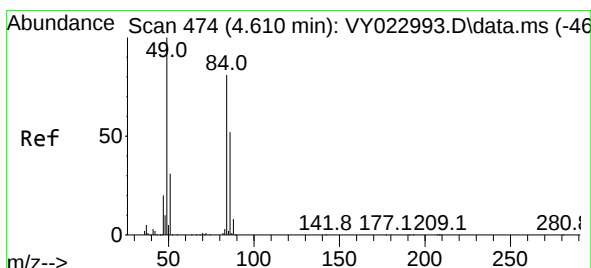
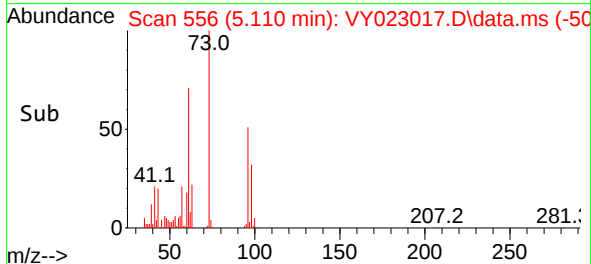
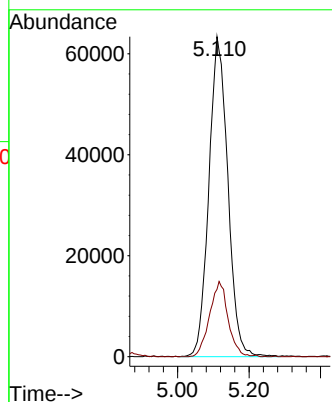
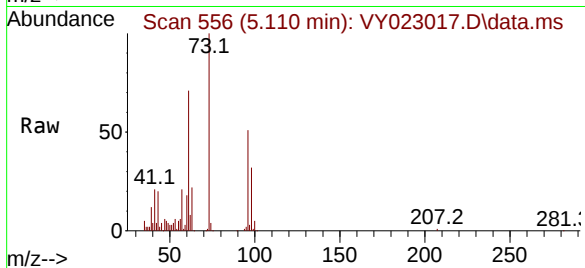
VY0721SBS01

Tgt Ion: 73 Resp: 233203

Ion Ratio Lower Upper

73 100

57 21.0 17.4 26.2



#20

Methylene Chloride

Concen: 20.247 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Tgt Ion: 84 Resp: 135775

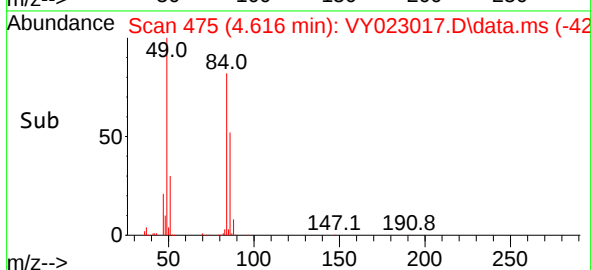
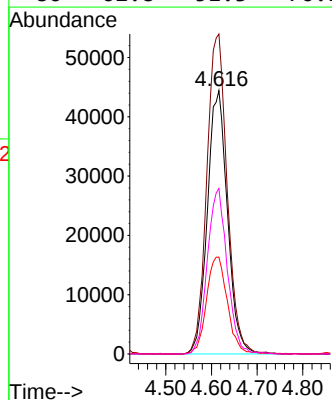
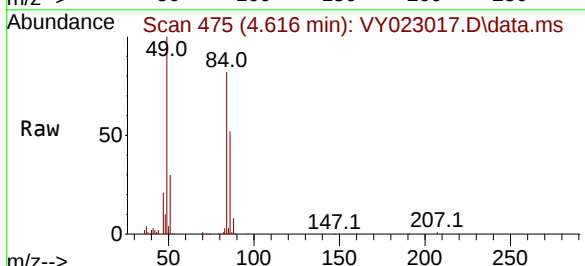
Ion Ratio Lower Upper

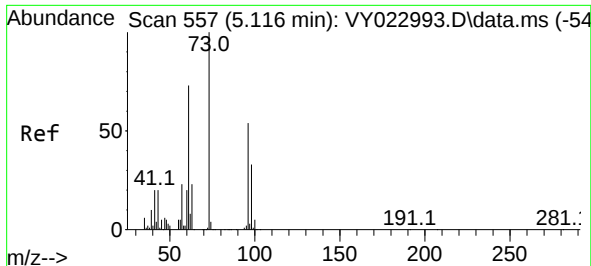
84 100

49 121.5 98.2 147.4

51 36.7 30.5 45.7

86 62.8 51.3 76.9

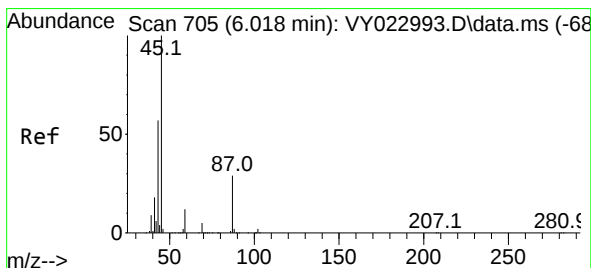
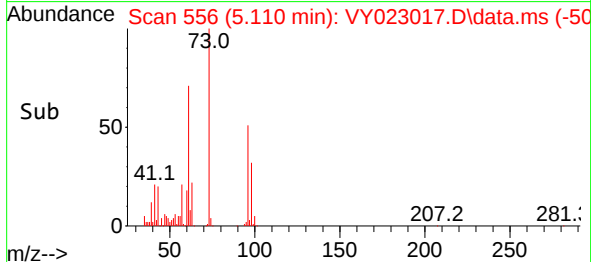
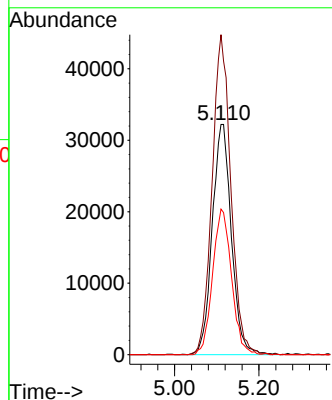
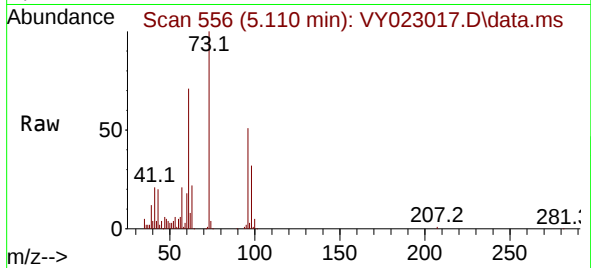




#21
trans-1,2-Dichloroethene
Concen: 20.564 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

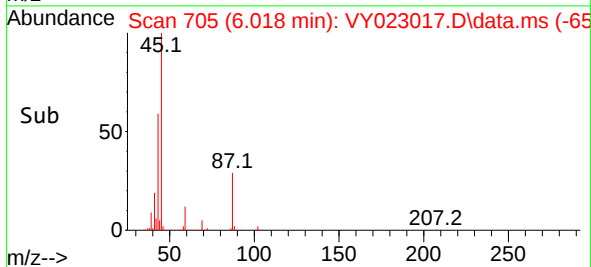
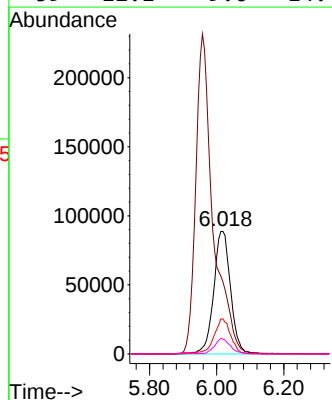
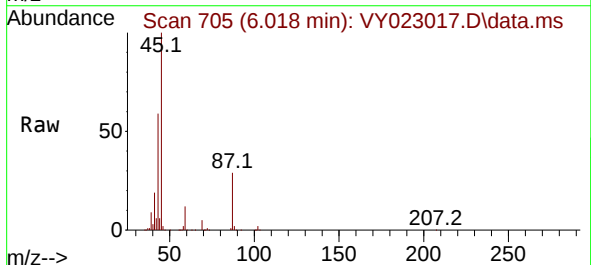
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion: 96 Resp: 101510
Ion Ratio Lower Upper
96 100
61 139.0 107.4 161.2
98 63.3 49.3 73.9



#22
Diisopropyl ether
Concen: 21.560 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 45 Resp: 309021
Ion Ratio Lower Upper
45 100
43 58.6 45.3 67.9
87 28.6 23.3 34.9
59 12.1 9.6 14.4

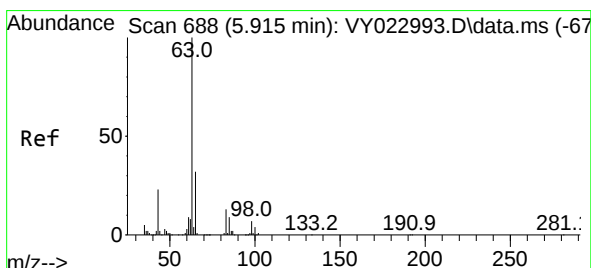
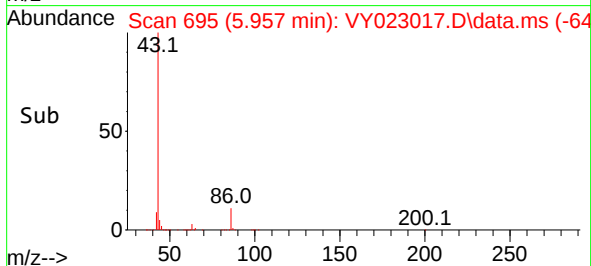
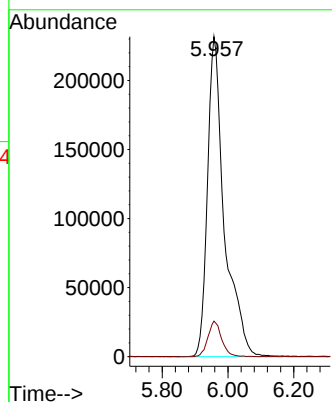
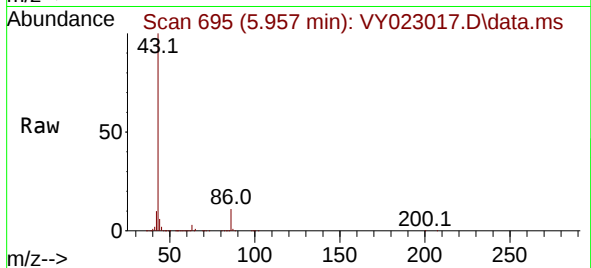




#23
 Vinyl Acetate
 Concen: 114.473 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

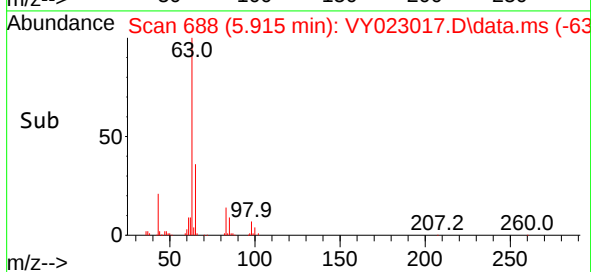
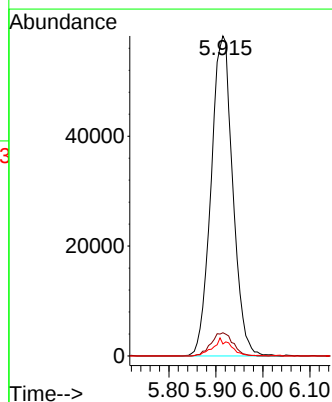
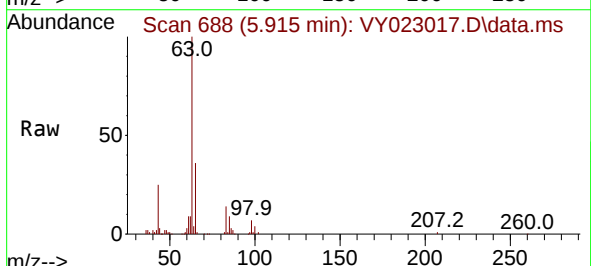
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

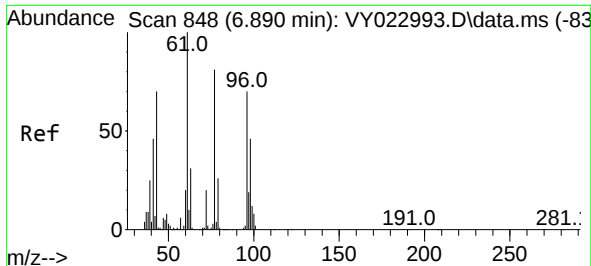
Tgt Ion: 43 Resp: 826708
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.752 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

Tgt Ion: 63 Resp: 186822
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 3.7 2.1 6.2

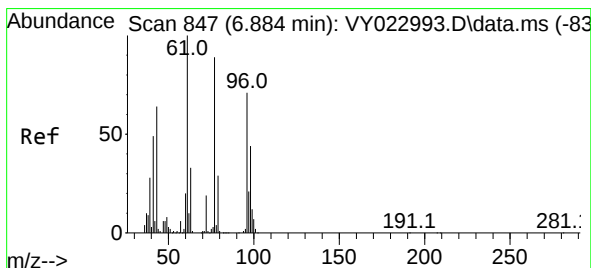
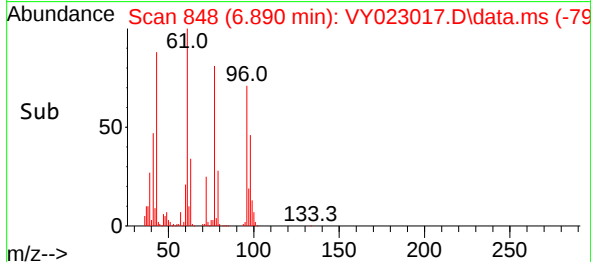
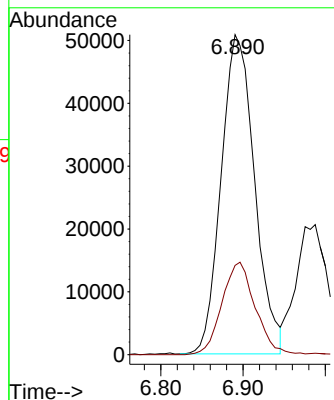
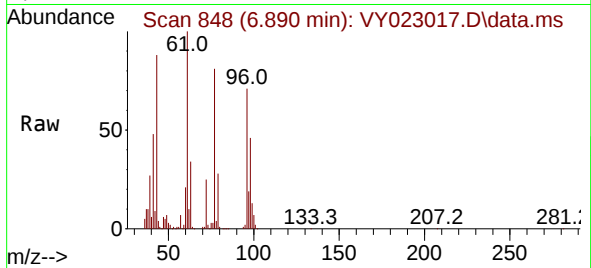




#25
2-Butanone
Concen: 130.833 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

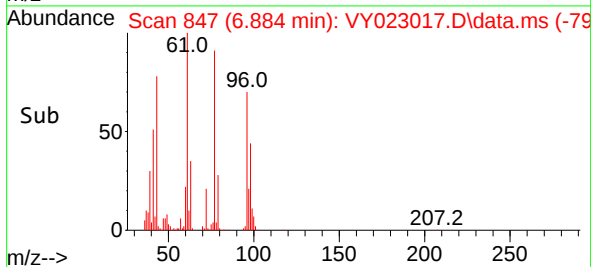
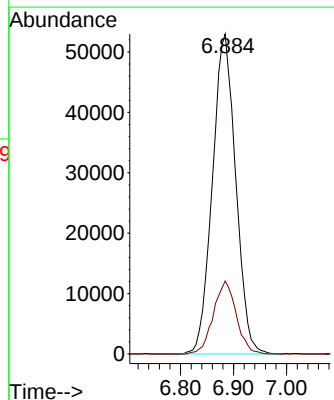
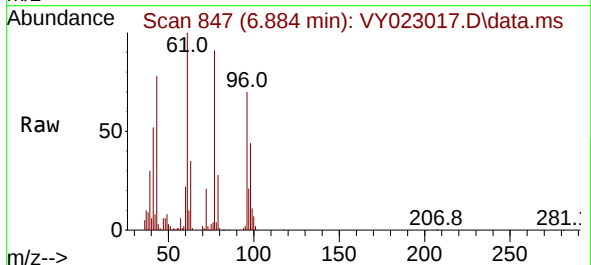
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

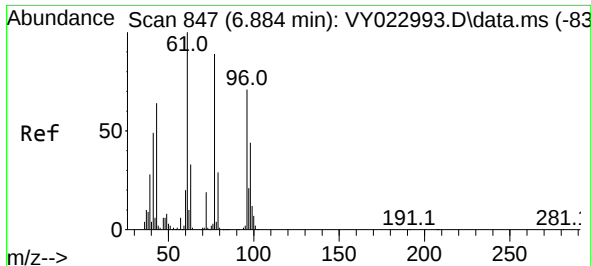
Tgt Ion: 43 Resp: 143739
Ion Ratio Lower Upper
43 100
72 28.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 20.489 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 77 Resp: 161660
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 20.419 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

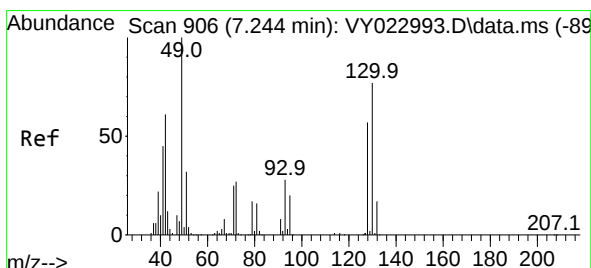
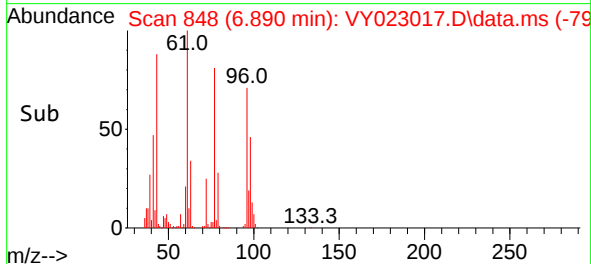
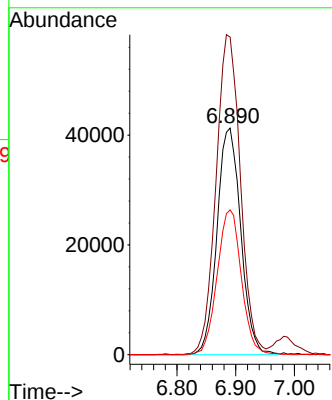
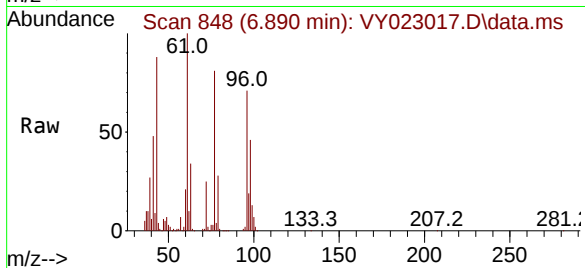
Tgt Ion: 96 Resp: 116165

Ion Ratio Lower Upper

96 100

61 144.8 0.0 286.2

98 64.9 0.0 127.4



#28

Bromochloromethane

Concen: 21.693 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

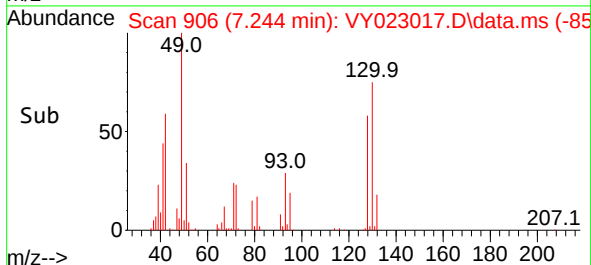
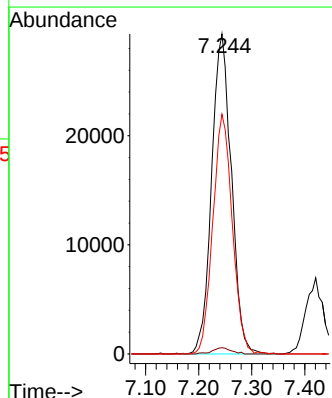
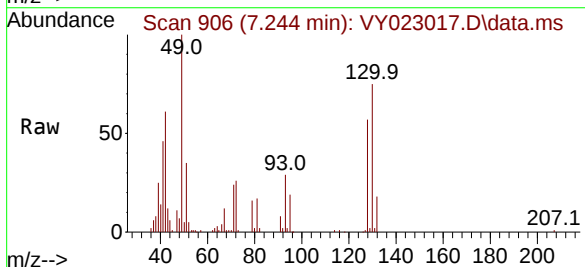
Tgt Ion: 49 Resp: 75745

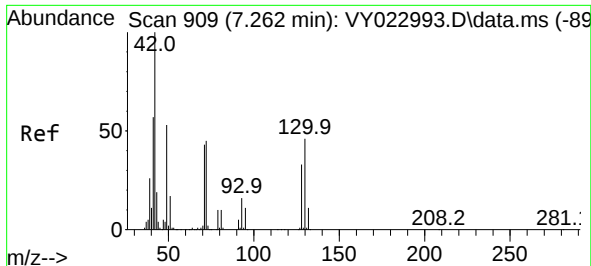
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 74.0 61.8 92.8

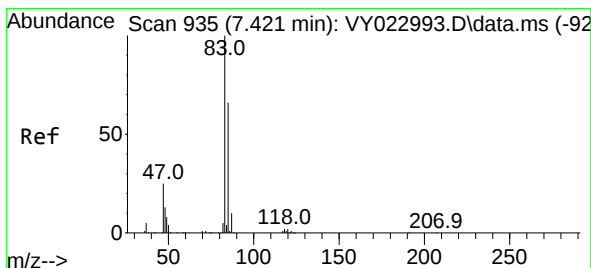
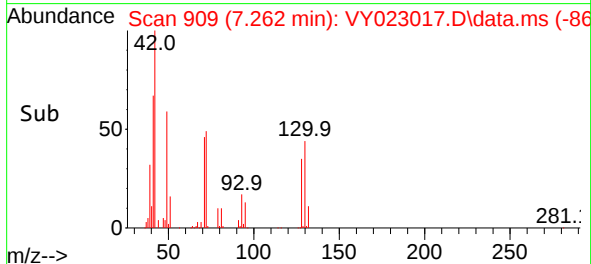
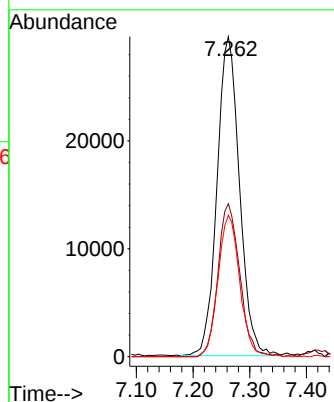
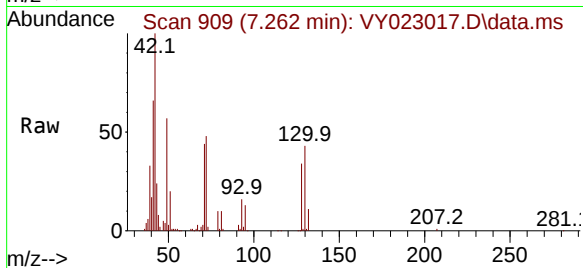




#29
Tetrahydrofuran
Concen: 117.116 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

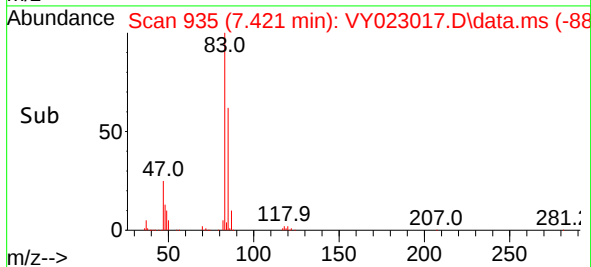
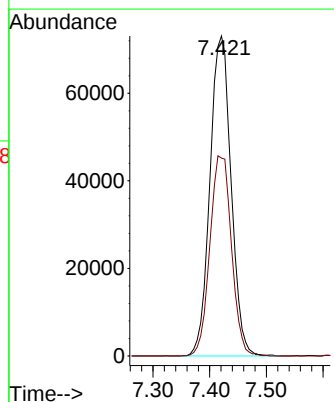
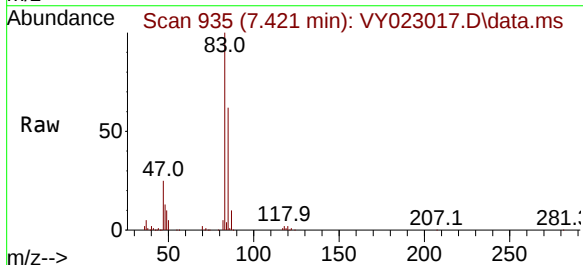
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

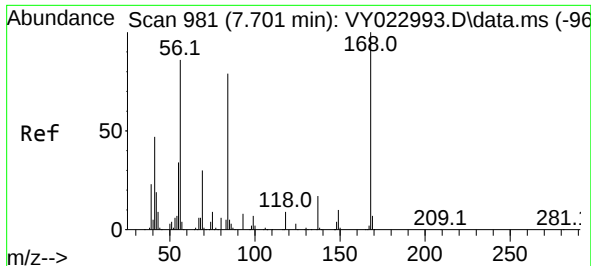
Tgt Ion: 42 Resp: 81464
Ion Ratio Lower Upper
42 100
72 46.4 37.5 56.3
71 42.9 34.2 51.4



#30
Chloroform
Concen: 20.824 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 83 Resp: 189111
Ion Ratio Lower Upper
83 100
85 61.9 52.6 78.8

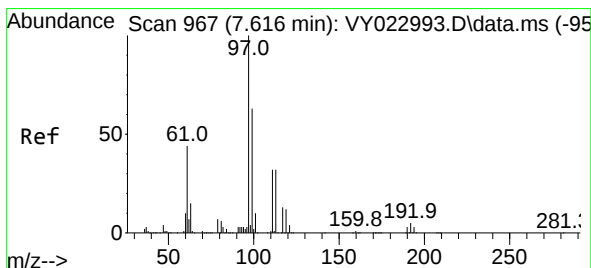
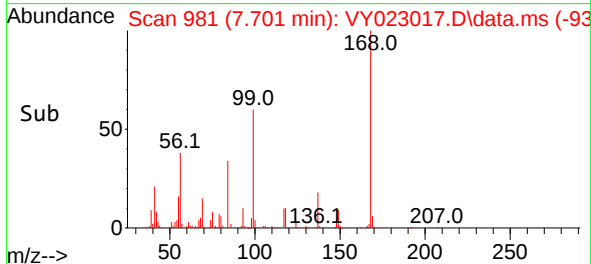
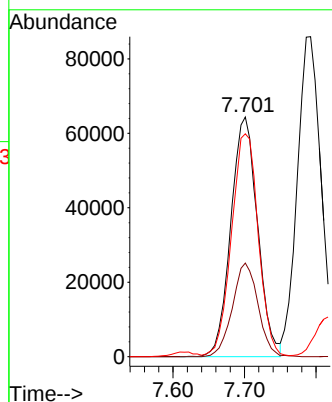
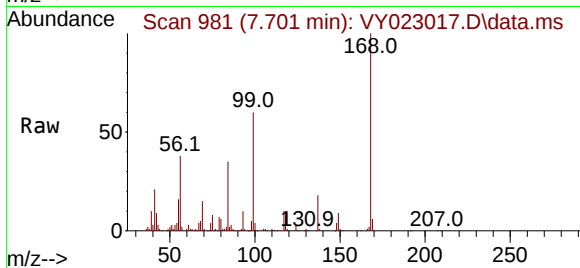




#31
Cyclohexane
Concen: 19.888 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

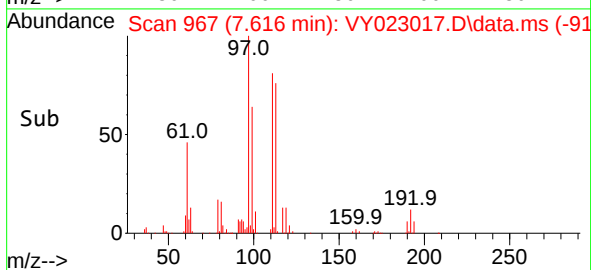
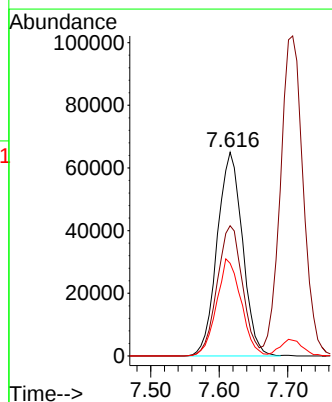
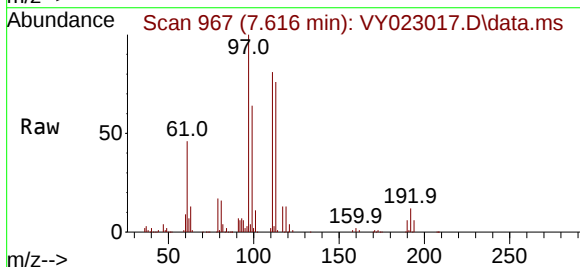
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

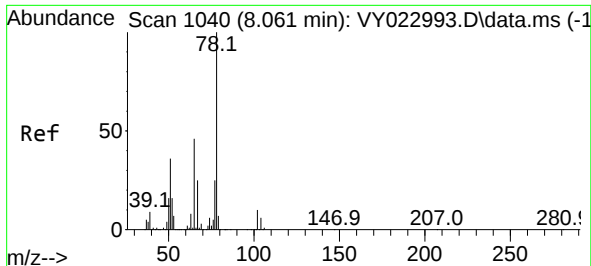
Tgt Ion: 56 Resp: 167294
Ion Ratio Lower Upper
56 100
69 39.1 28.1 42.1
84 91.8 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 20.240 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 97 Resp: 166781
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 52.047 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

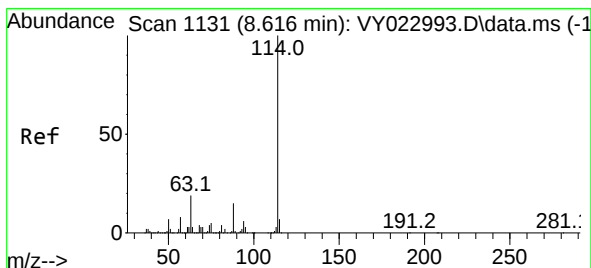
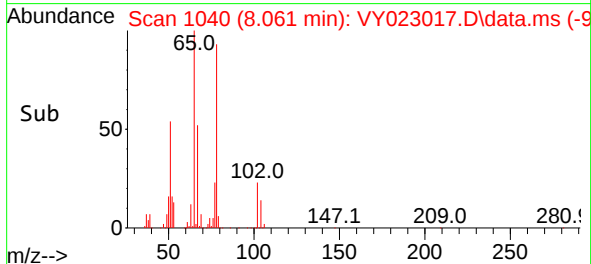
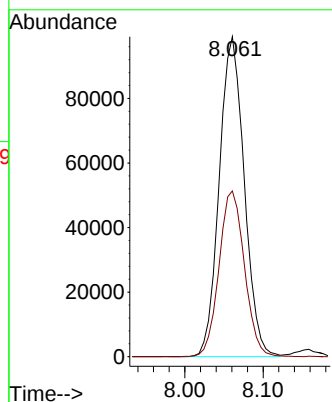
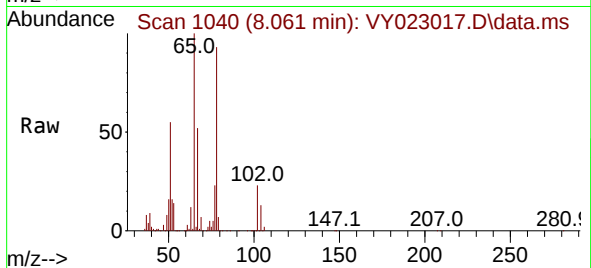
VY0721SBS01

Tgt Ion: 65 Resp: 219889

Ion Ratio Lower Upper

65 100

67 52.7 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: VY023017.D

Acq: 21 Jul 2025 11:13

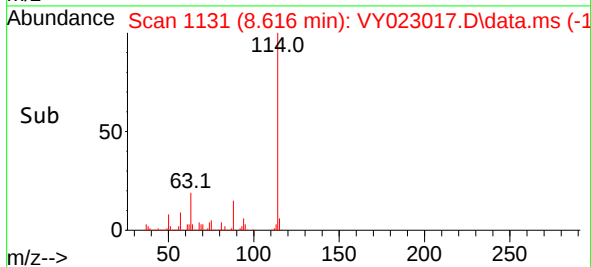
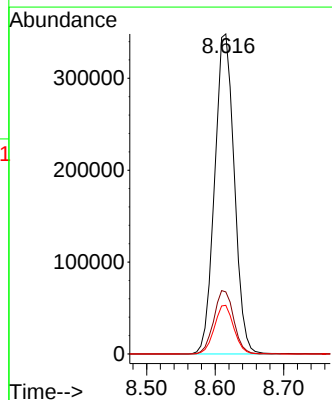
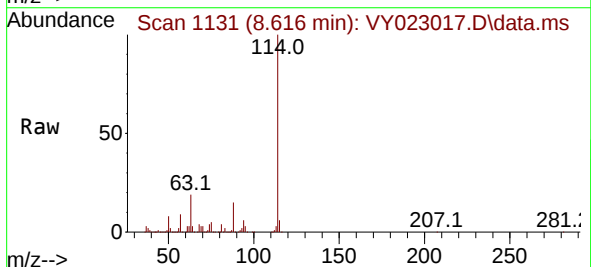
Tgt Ion: 114 Resp: 691452

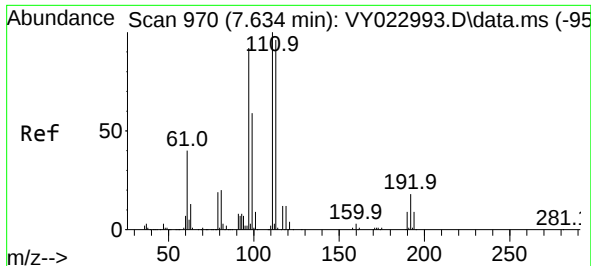
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

88 15.2 0.0 30.2

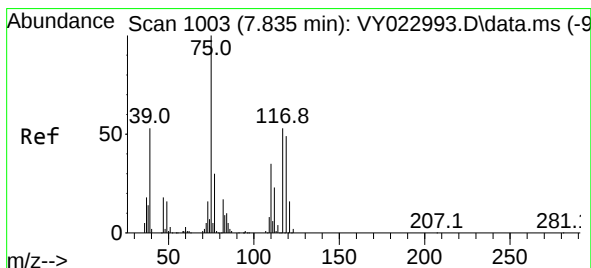
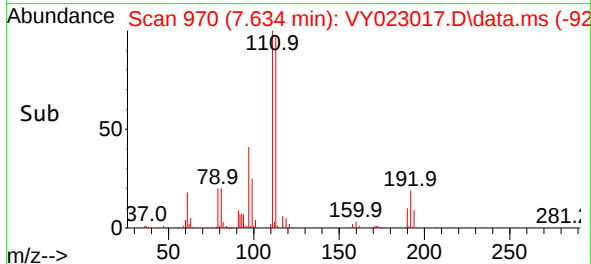
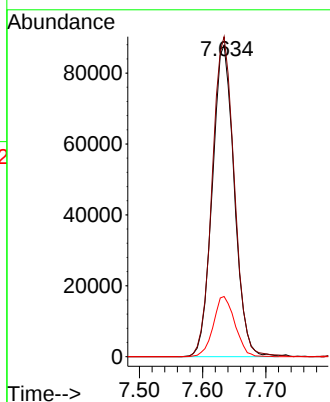
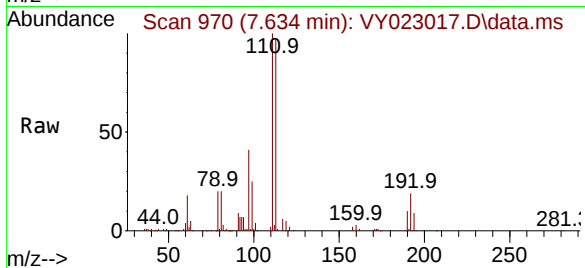




#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

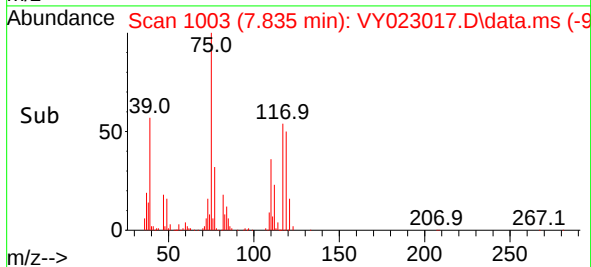
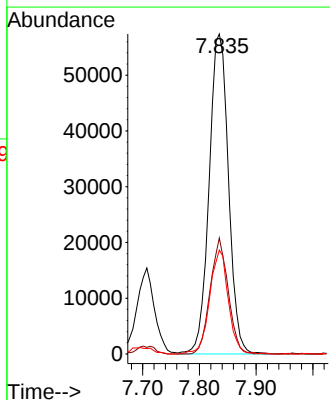
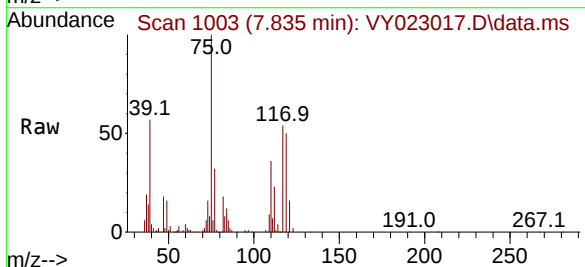
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

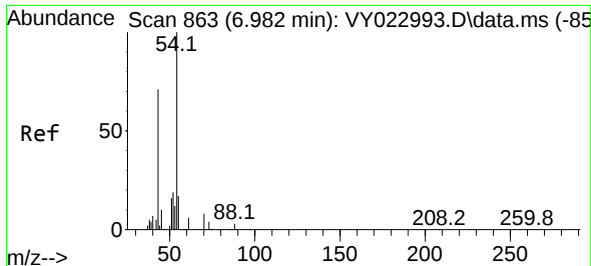
Tgt Ion:113 Resp: 210938
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 19.704 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 75 Resp: 136134
Ion Ratio Lower Upper
75 100
110 33.6 17.3 51.9
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 22.847 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

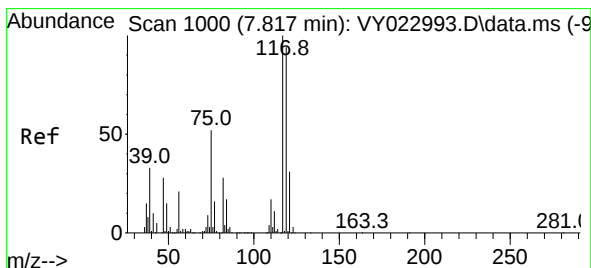
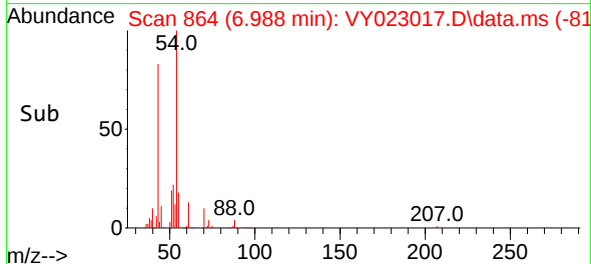
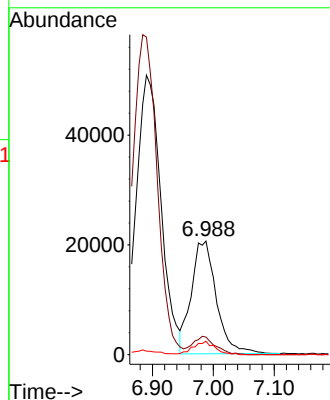
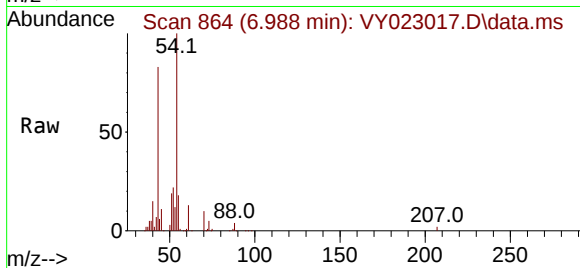
Tgt Ion: 43 Resp: 58625

Ion Ratio Lower Upper

43 100

61 14.8 11.6 17.4

70 10.3 8.5 12.7



#38

Carbon Tetrachloride

Concen: 19.775 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

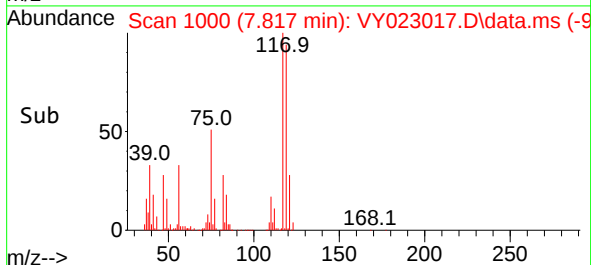
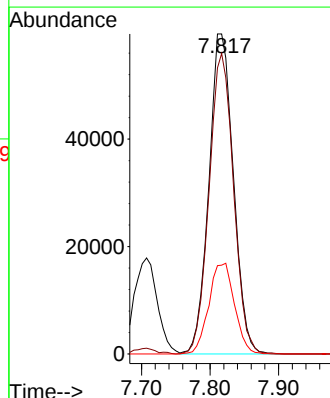
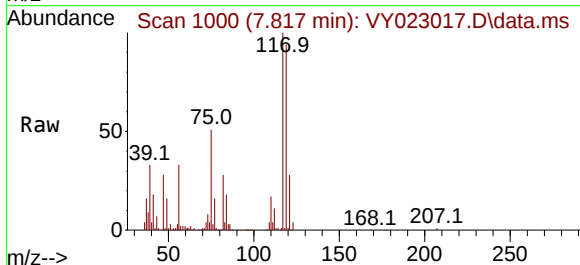
Tgt Ion:117 Resp: 148433

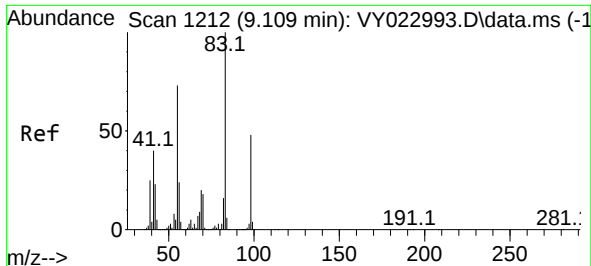
Ion Ratio Lower Upper

117 100

119 93.8 74.9 112.3

121 27.7 24.6 37.0





#39

Methylcyclohexane

Concen: 18.760 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

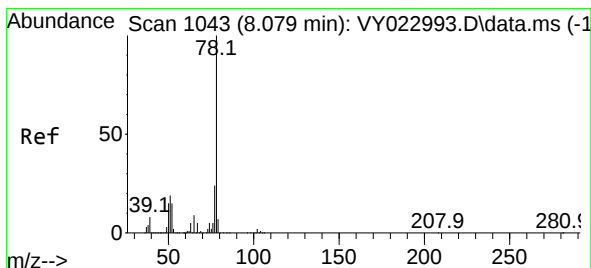
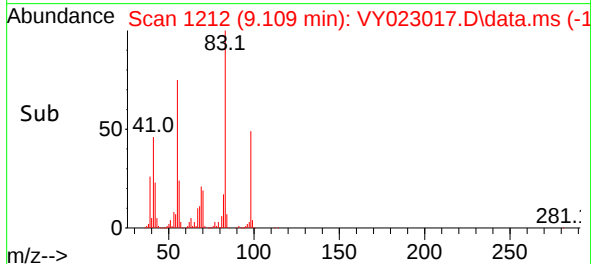
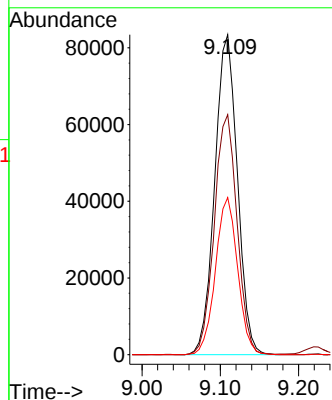
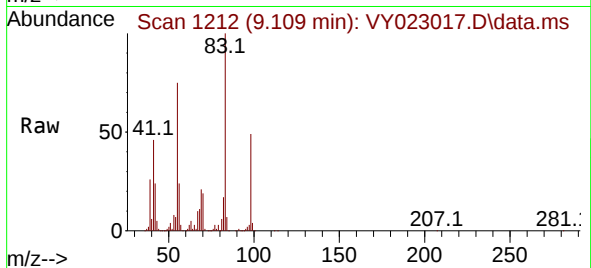
Tgt Ion: 83 Resp: 167760

Ion Ratio Lower Upper

83 100

55 75.0 58.1 87.1

98 49.1 38.5 57.7



#40

Benzene

Concen: 20.095 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023017.D

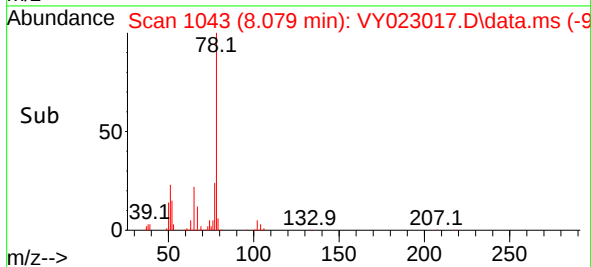
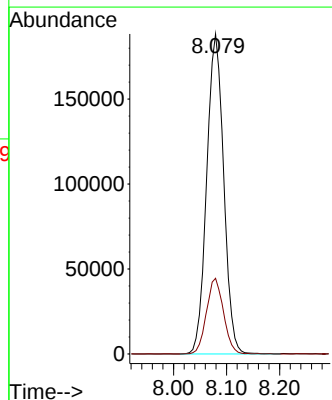
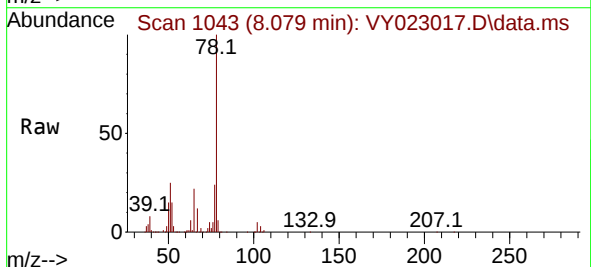
Acq: 21 Jul 2025 11:13

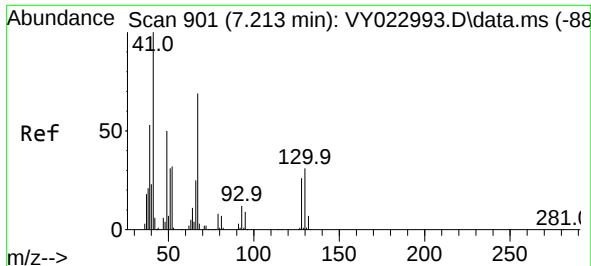
Tgt Ion: 78 Resp: 418020

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4

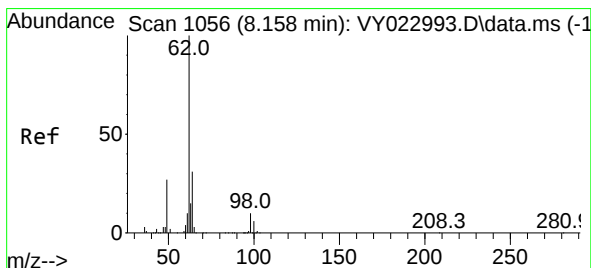
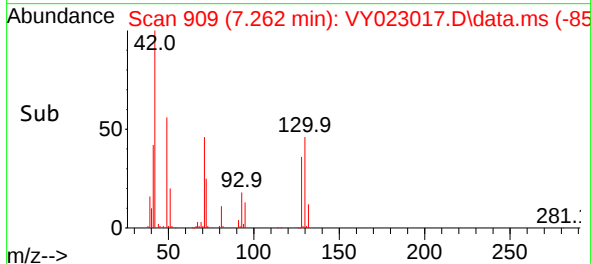
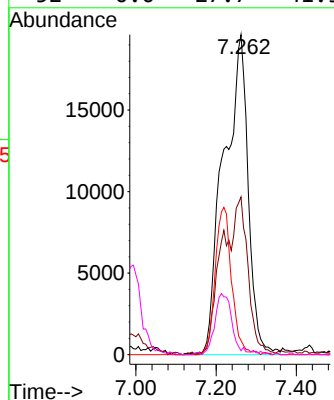
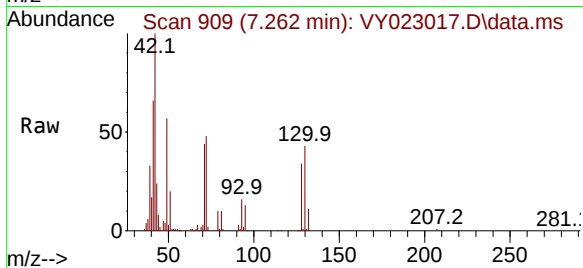




#41
Methacrylonitrile
Concen: 59.247 ug/l
RT: 7.262 min Scan# 901
Delta R.T. 0.049 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

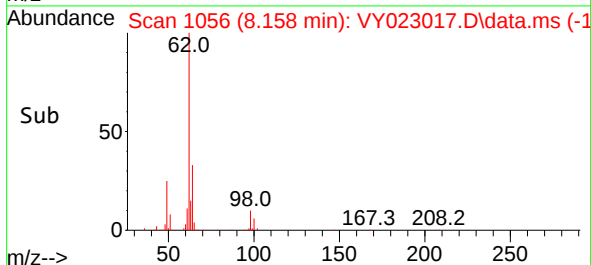
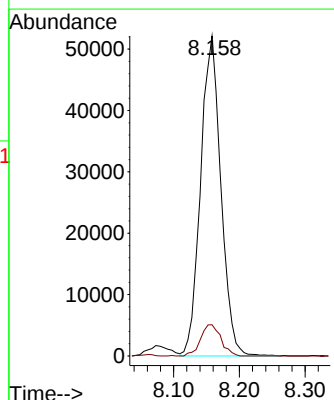
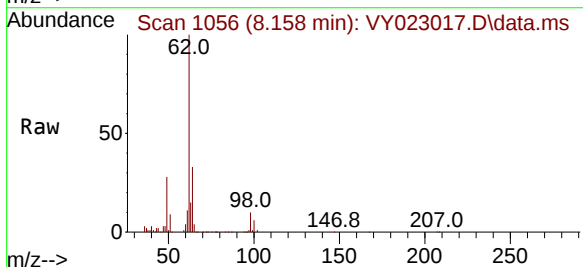
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

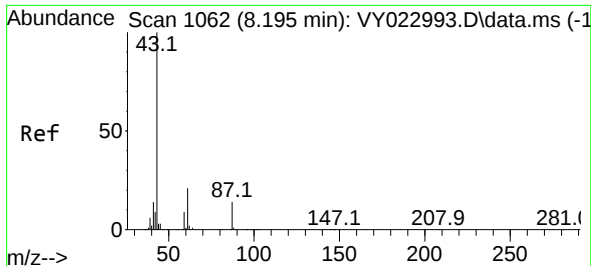
Tgt Ion: 41 Resp: 82816
Ion Ratio Lower Upper
41 100
39 28.1 50.0 75.0#
67 0.0 65.4 98.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 21.622 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 62 Resp: 111901
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0

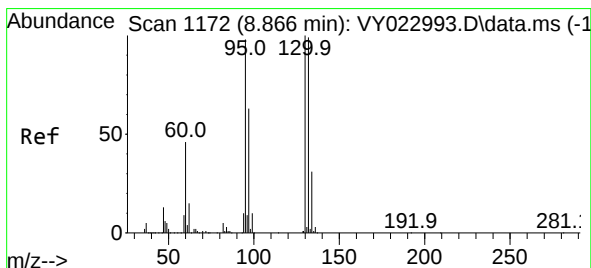
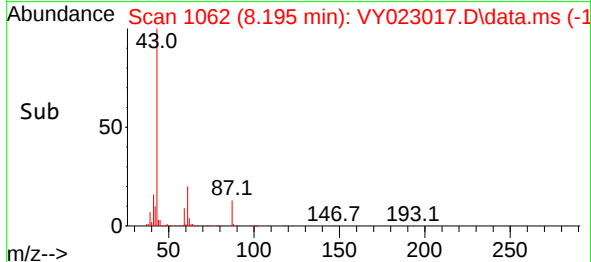
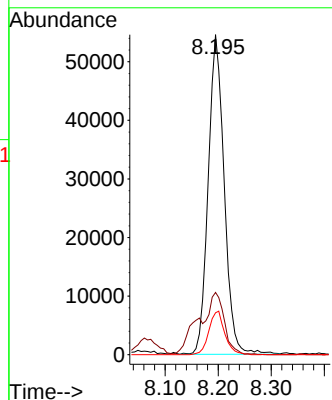
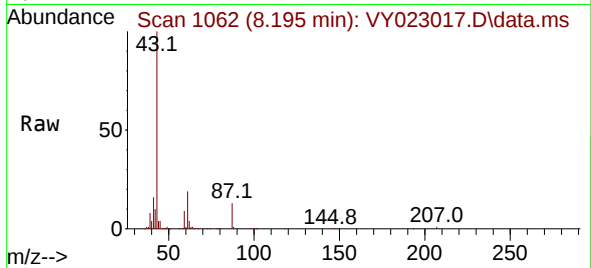




#43
Isopropyl Acetate
Concen: 22.459 ug/l
RT: 8.195 min Scan# 114470
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

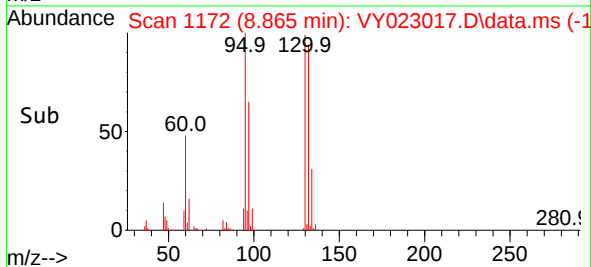
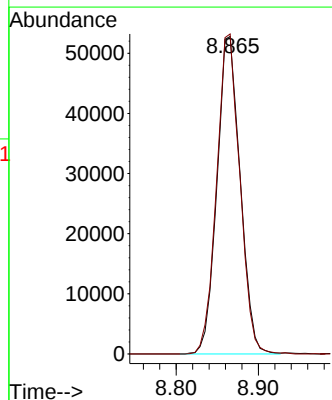
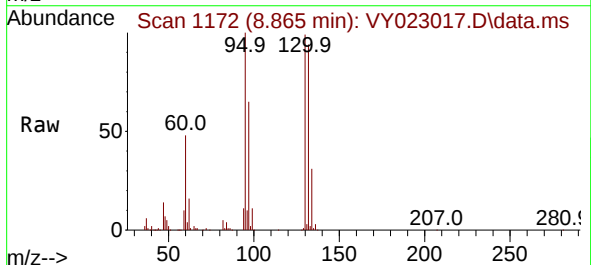
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

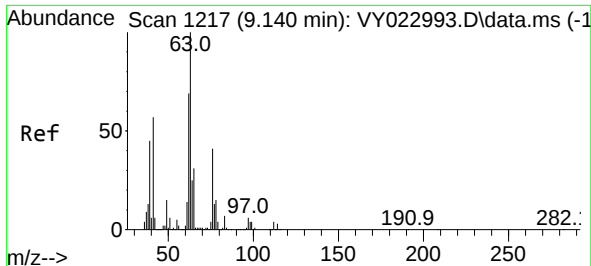
Tgt Ion: 43 Resp: 114470
Ion Ratio Lower Upper
43 100
61 20.0 25.0 37.4#
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 19.361 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:130 Resp: 103444
Ion Ratio Lower Upper
130 100
95 100.8 0.0 195.8





#45

1,2-Dichloropropane

Concen: 20.378 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

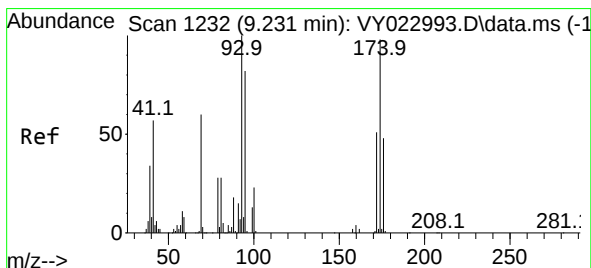
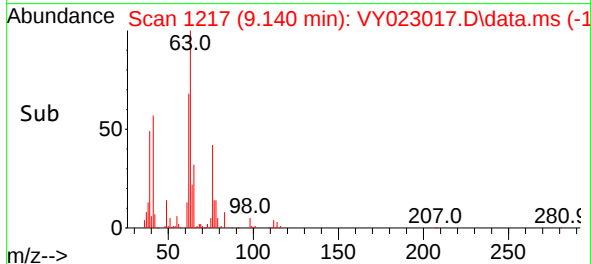
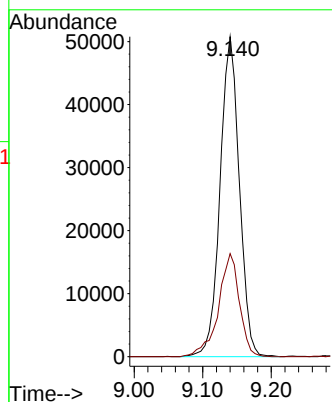
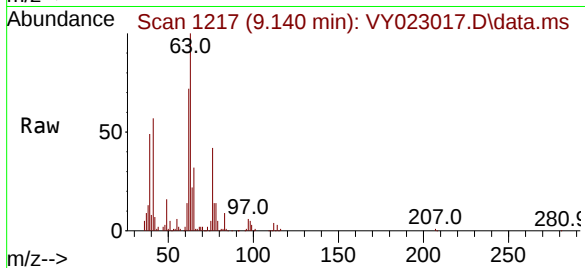
VY0721SBS01

Tgt Ion: 63 Resp: 98991

Ion Ratio Lower Upper

63 100

65 32.2 24.6 37.0



#46

Dibromomethane

Concen: 21.702 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

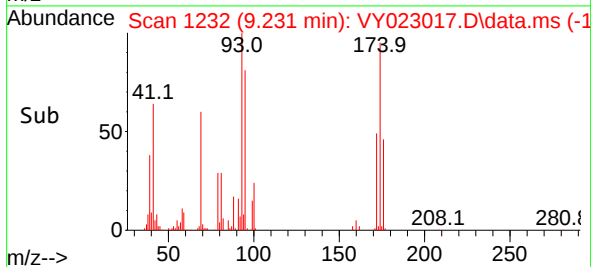
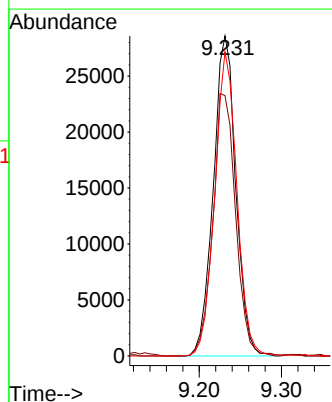
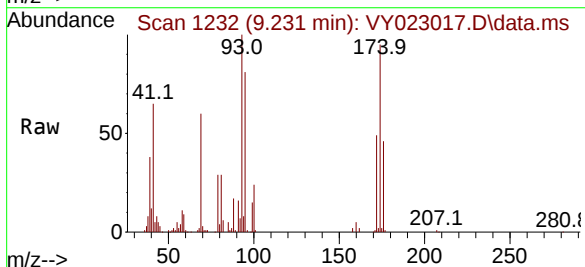
Tgt Ion: 93 Resp: 54493

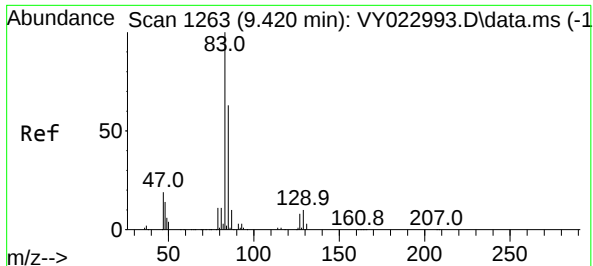
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 93.6 76.4 114.6

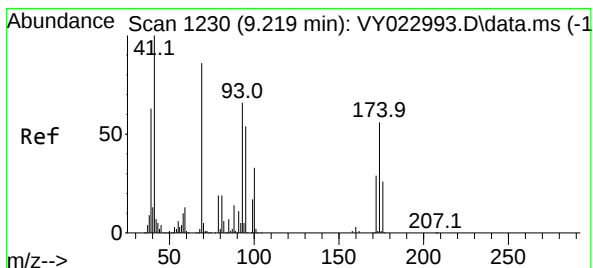
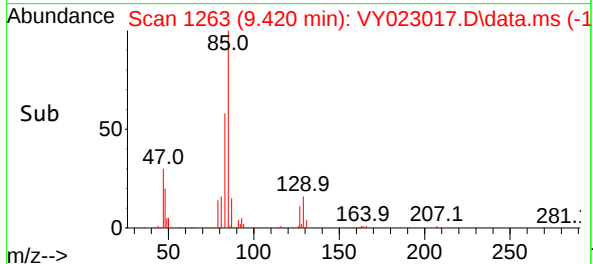
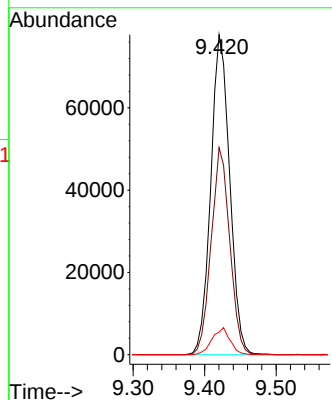
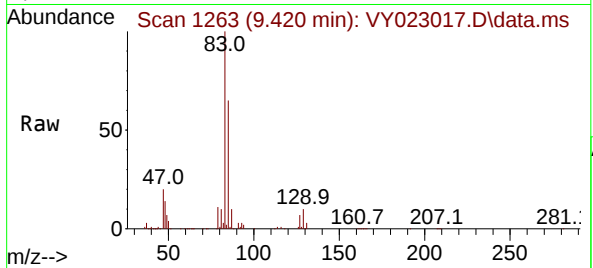




#47
Bromodichloromethane
Concen: 20.570 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

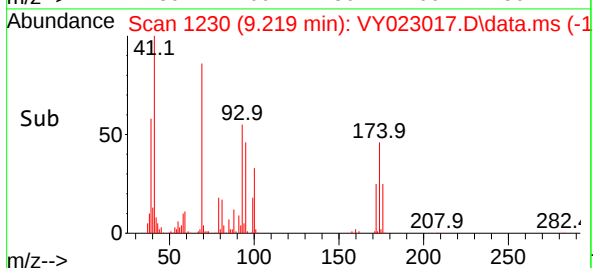
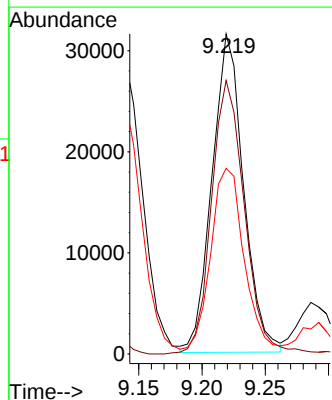
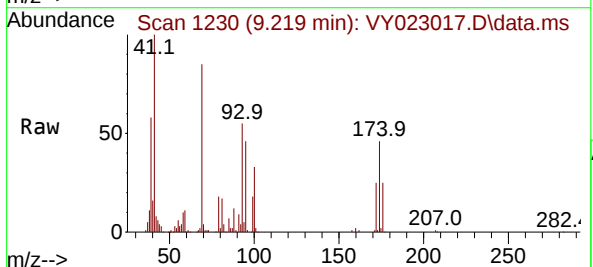
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

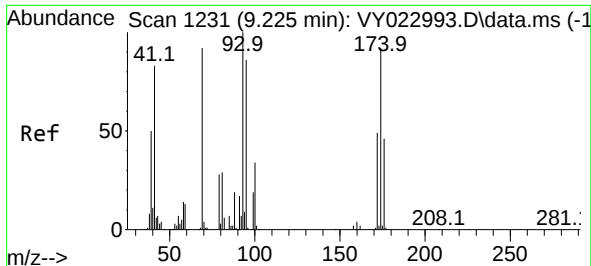
Tgt Ion: 83 Resp: 142773
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 7.0 6.5 9.7



#48
Methyl methacrylate
Concen: 22.225 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 41 Resp: 54690
Ion Ratio Lower Upper
41 100
69 90.2 71.4 107.0
39 59.3 47.8 71.8





#49

1,4-Dioxane

Concen: 460.562 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

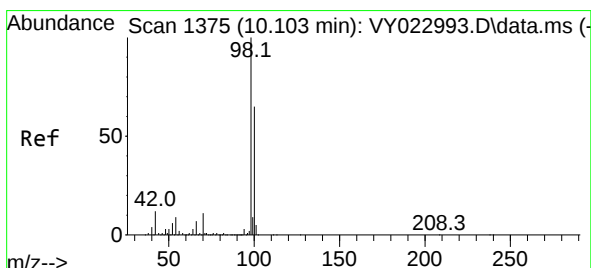
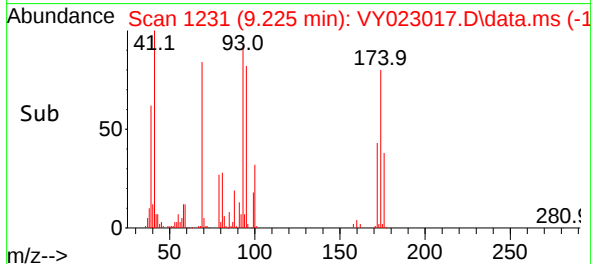
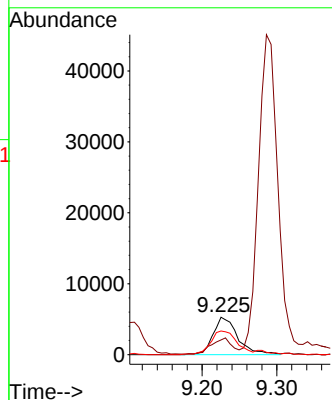
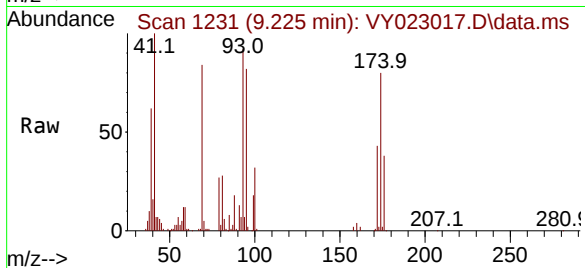
Tgt Ion: 88 Resp: 12190

Ion Ratio Lower Upper

88 100

43 35.5 28.7 43.1

58 67.0 59.8 89.6



#50

Toluene-d8

Concen: 47.553 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023017.D

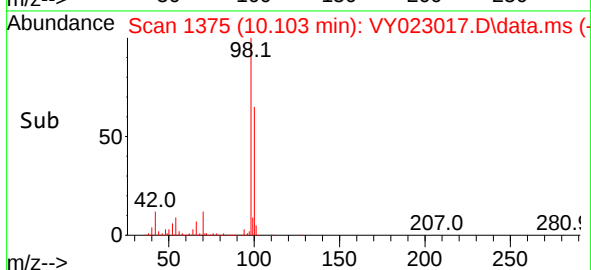
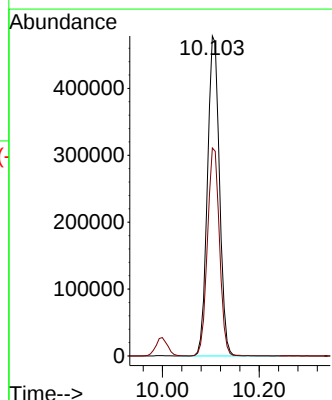
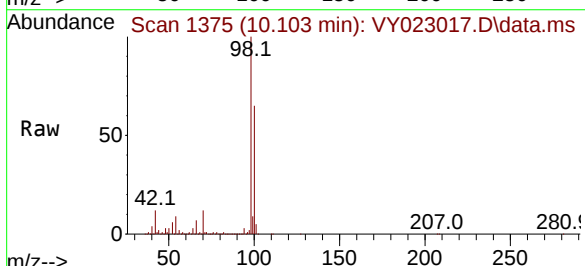
Acq: 21 Jul 2025 11:13

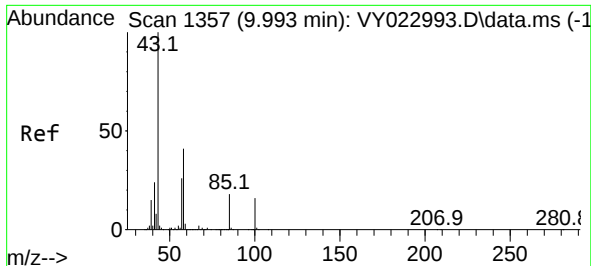
Tgt Ion: 98 Resp: 827118

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 114.770 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

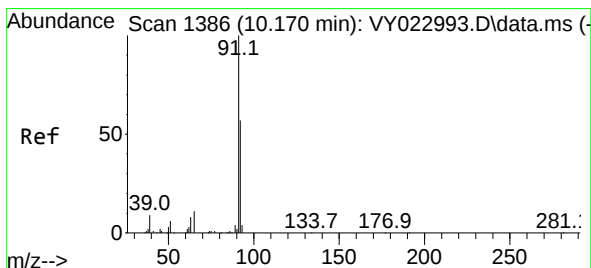
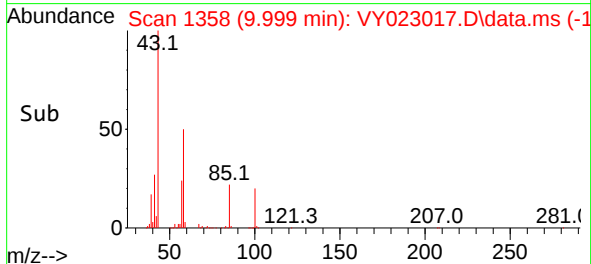
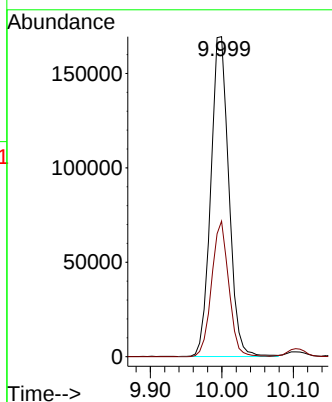
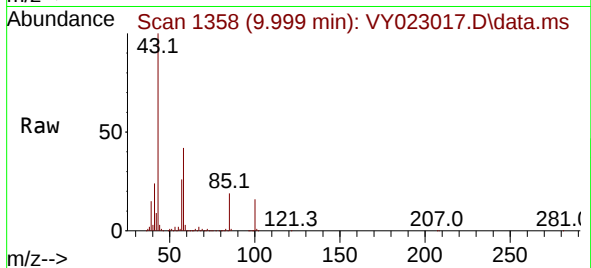
VY0721SBS01

Tgt Ion: 43 Resp: 296911

Ion Ratio Lower Upper

43 100

58 40.3 32.5 48.7



#52

Toluene

Concen: 19.975 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023017.D

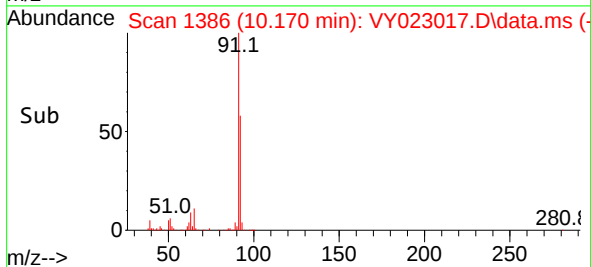
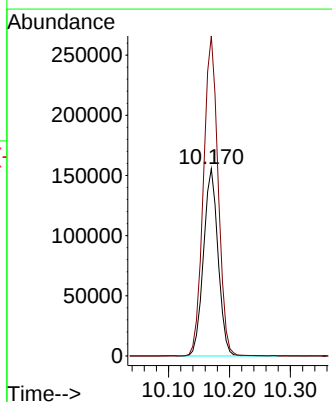
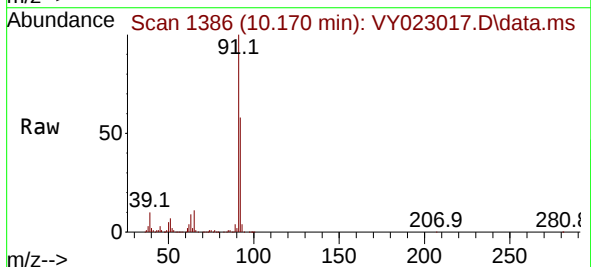
Acq: 21 Jul 2025 11:13

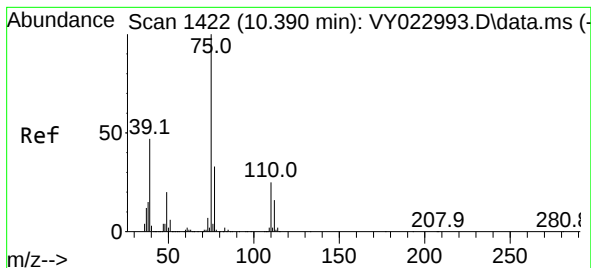
Tgt Ion: 92 Resp: 258346

Ion Ratio Lower Upper

92 100

91 172.7 137.8 206.6

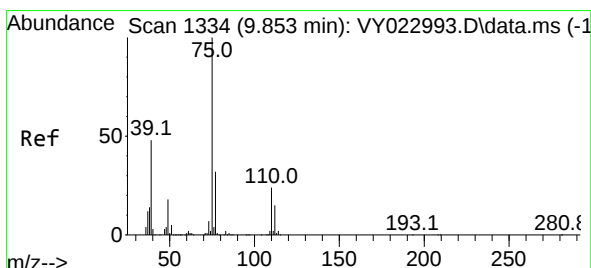
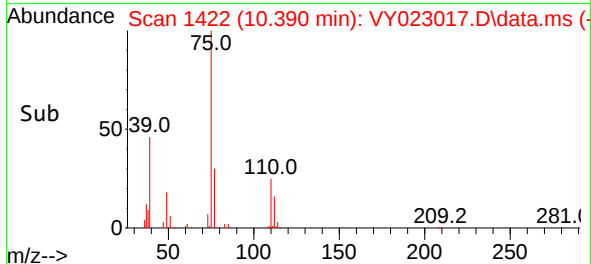
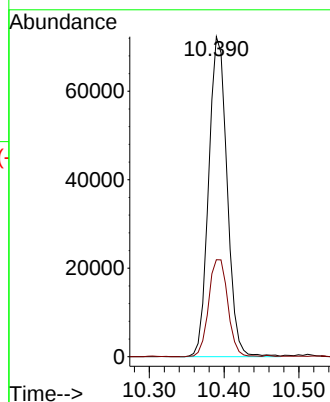
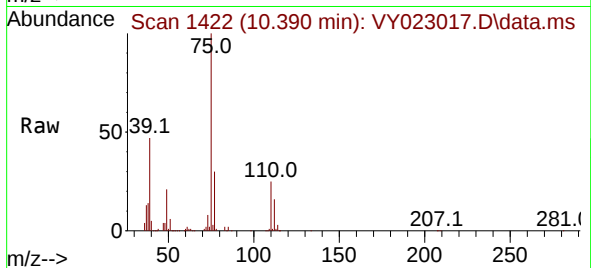




#53
t-1,3-Dichloropropene
Concen: 20.756 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

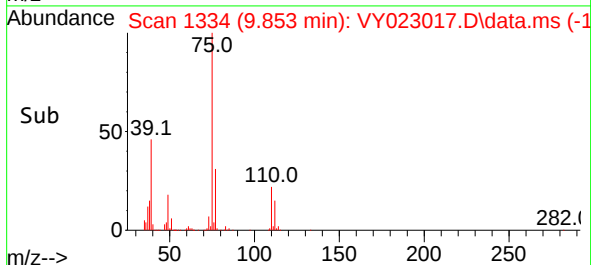
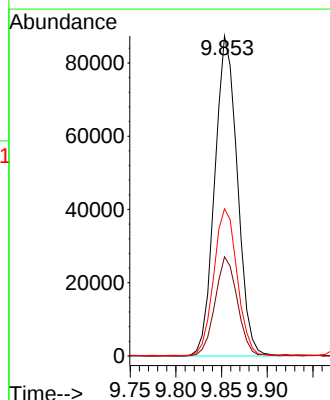
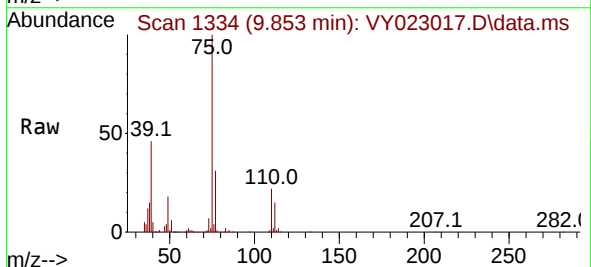
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

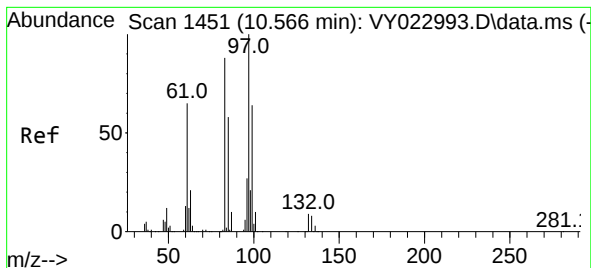
Tgt Ion: 75 Resp: 123664
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 20.967 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 75 Resp: 150566
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 45.8 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 21.265 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 97 Resp: 70181

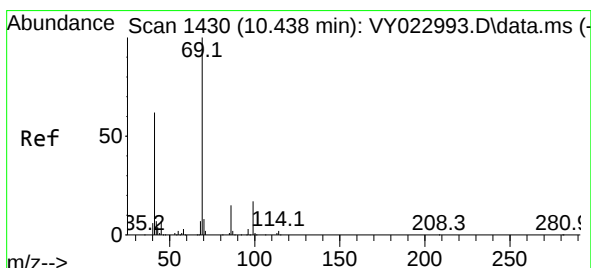
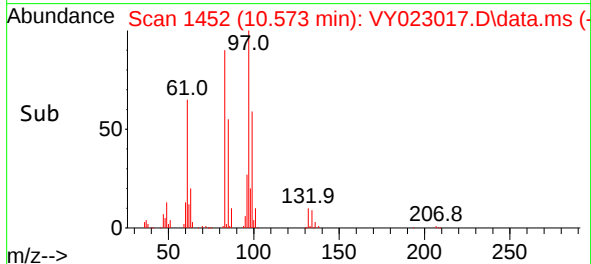
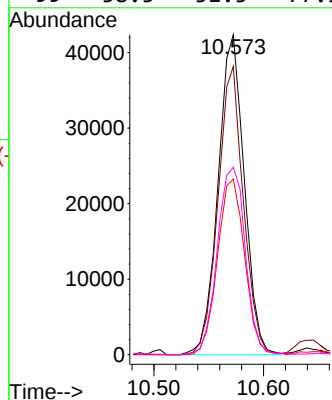
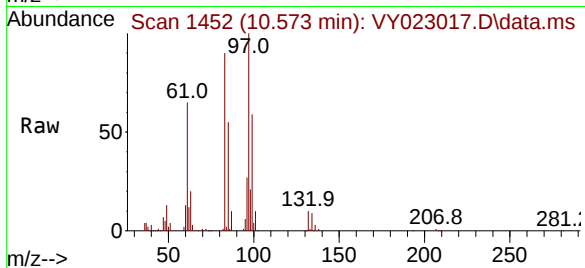
Ion Ratio Lower Upper

97 100

83 90.1 70.2 105.2

85 54.9 46.2 69.2

99 58.5 51.5 77.3



#56

Ethyl methacrylate

Concen: 21.424 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

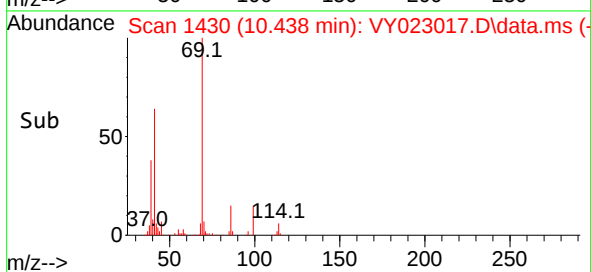
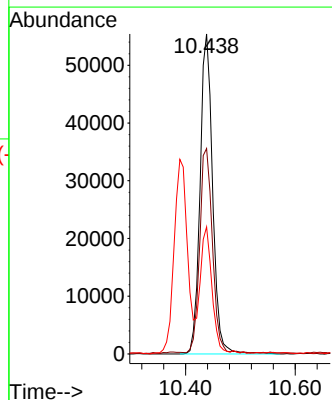
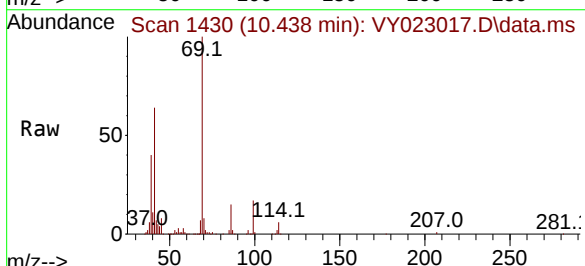
Tgt Ion: 69 Resp: 88261

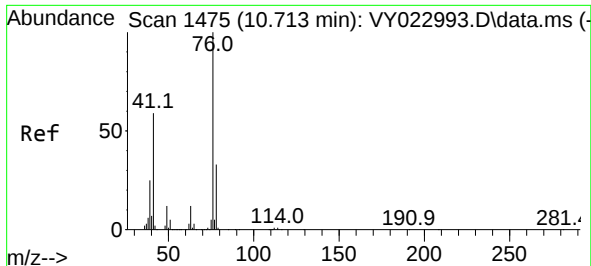
Ion Ratio Lower Upper

69 100

41 65.1 51.0 76.4

39 37.0 30.6 46.0





#57

1,3-Dichloropropane

Concen: 21.373 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

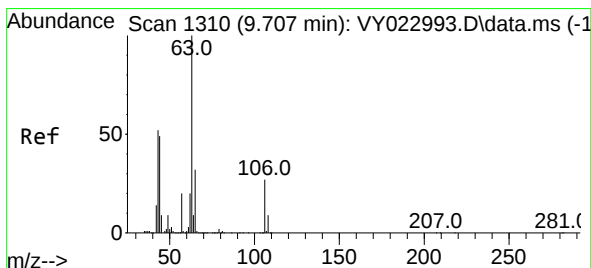
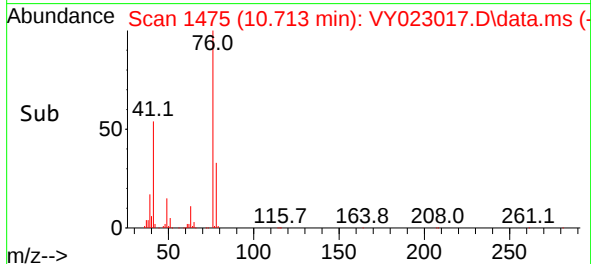
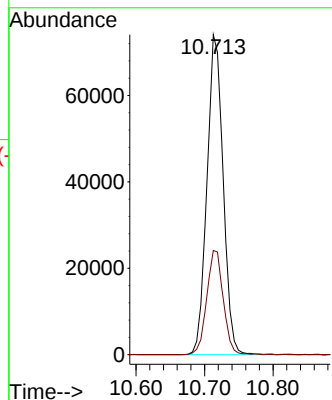
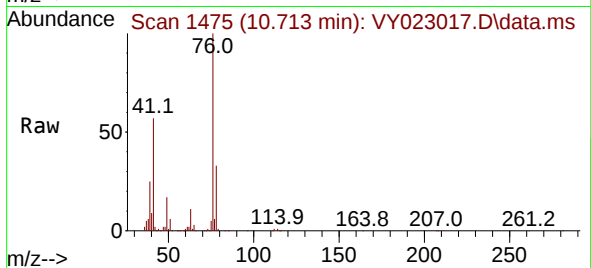
VY0721SBS01

Tgt Ion: 76 Resp: 121849

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.947 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023017.D

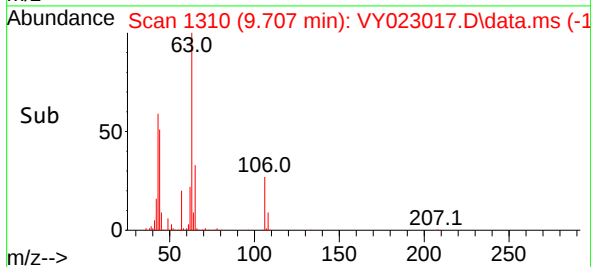
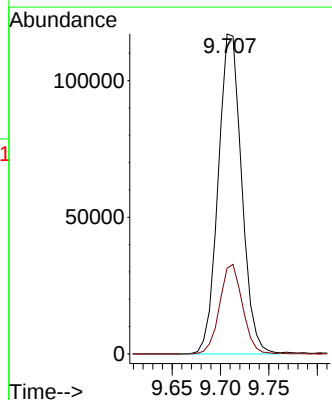
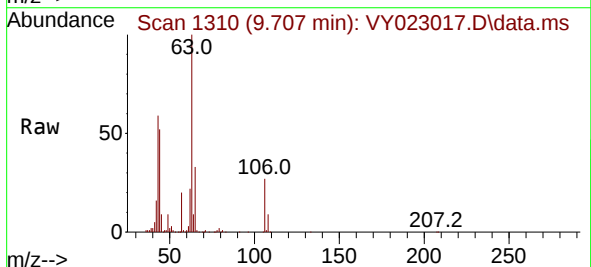
Acq: 21 Jul 2025 11:13

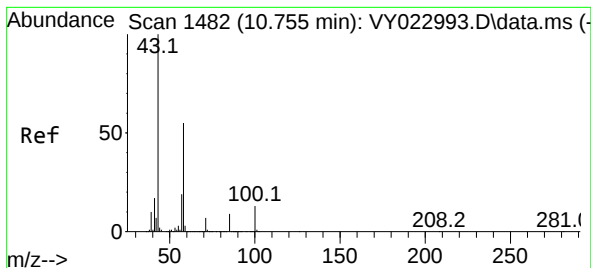
Tgt Ion: 63 Resp: 197528

Ion Ratio Lower Upper

63 100

106 27.4 22.6 33.8

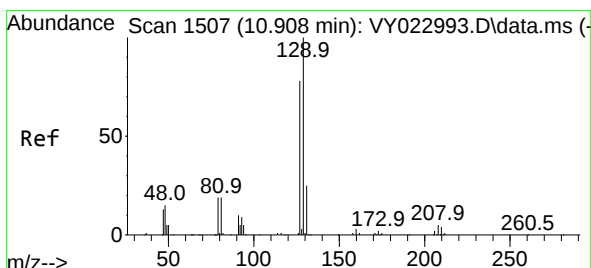
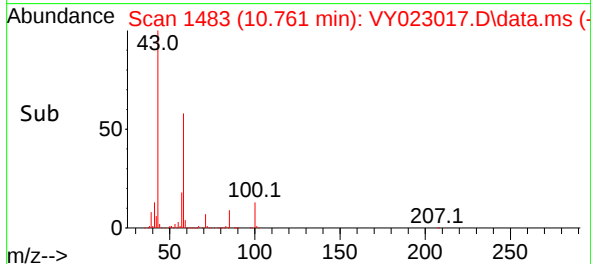
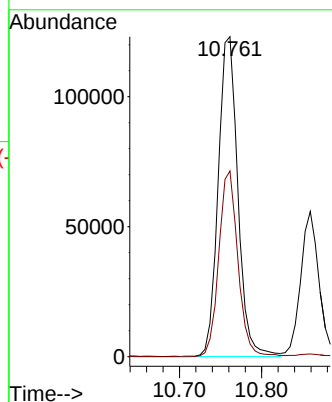
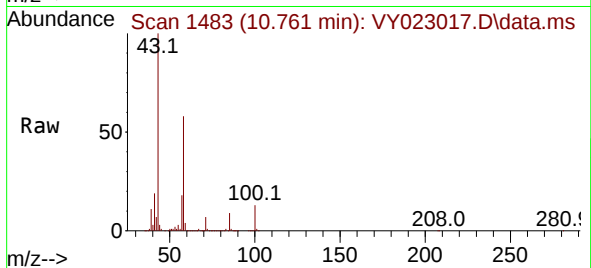




#59
2-Hexanone
Concen: 120.174 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

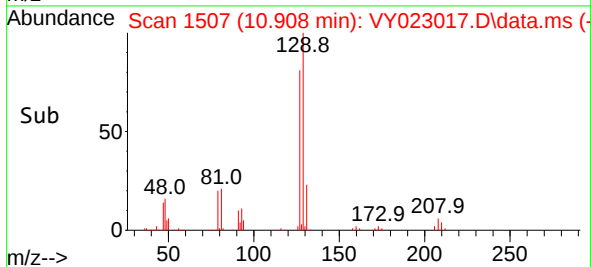
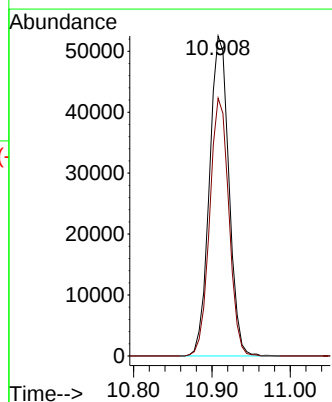
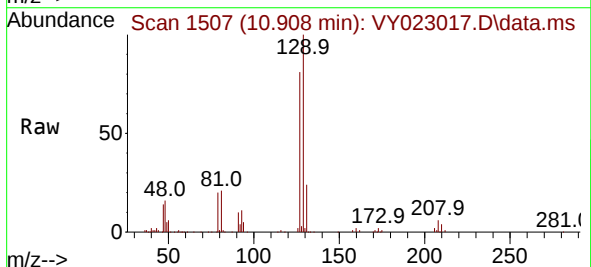
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

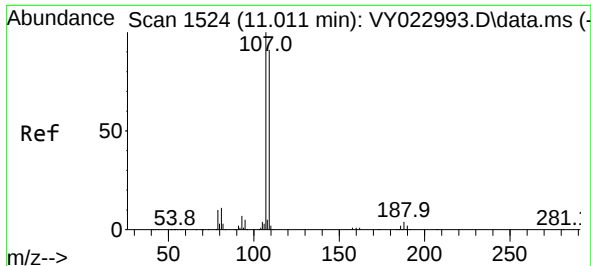
Tgt Ion: 43 Resp: 204354
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 129 Resp: 90494
Ion Ratio Lower Upper
129 100
127 79.2 38.7 116.1

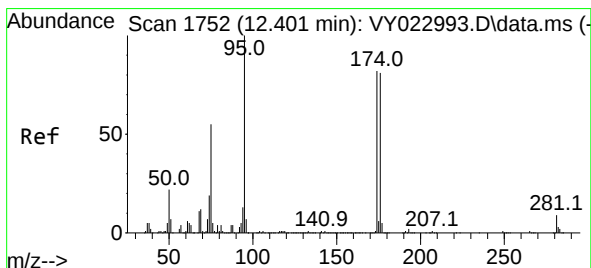
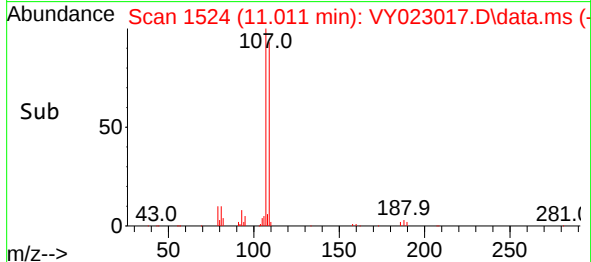
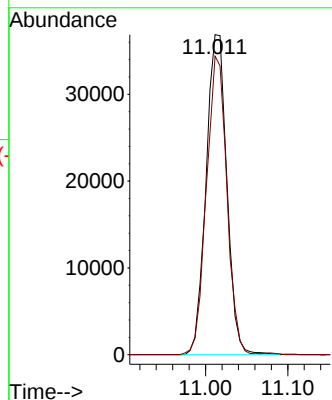
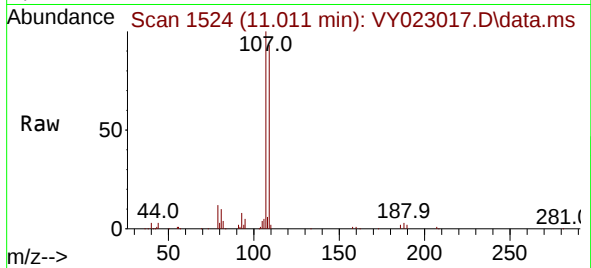




#61
1,2-Dibromoethane
Concen: 21.584 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

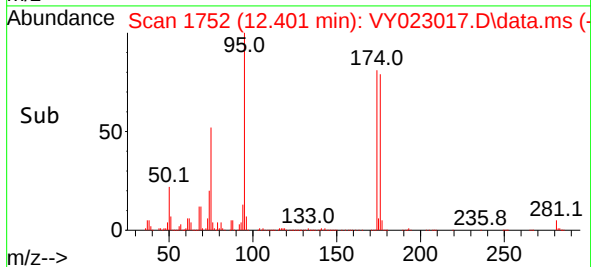
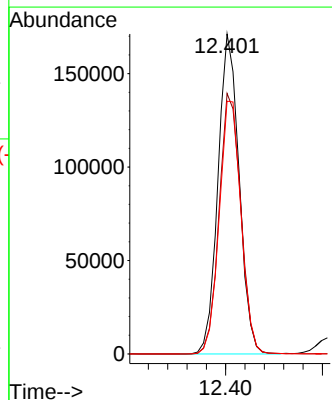
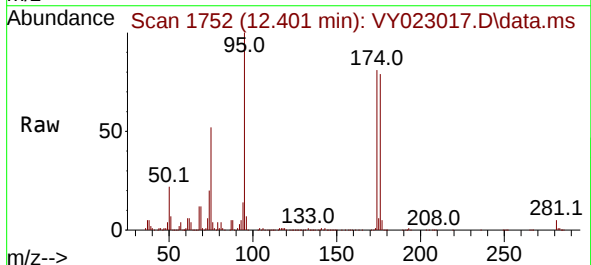
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

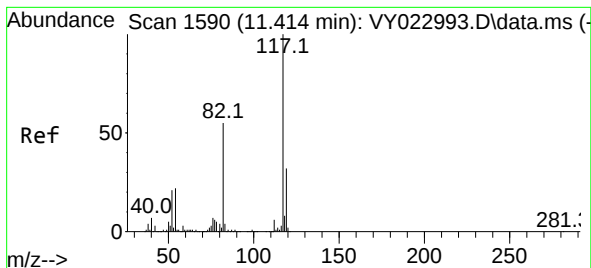
Tgt Ion:107 Resp: 64686
Ion Ratio Lower Upper
107 100
109 91.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.182 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 95 Resp: 258332
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.8
176 82.0 0.0 163.6

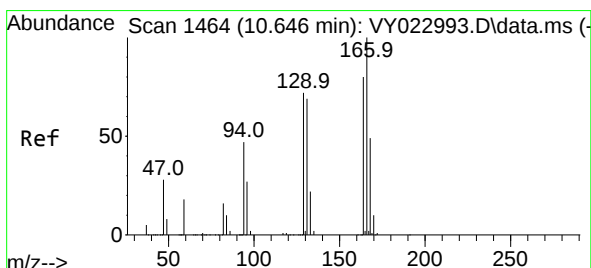
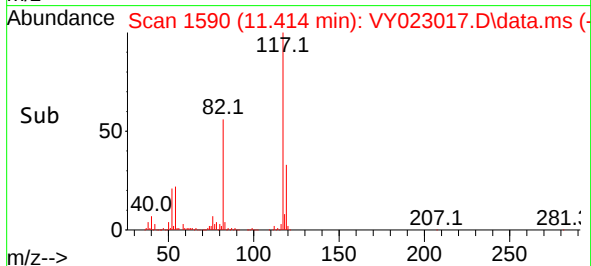
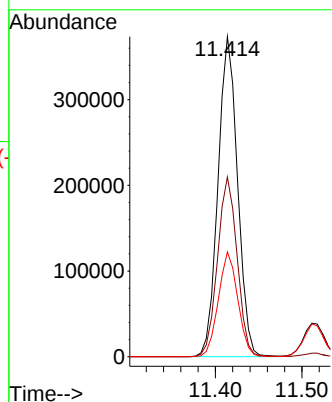
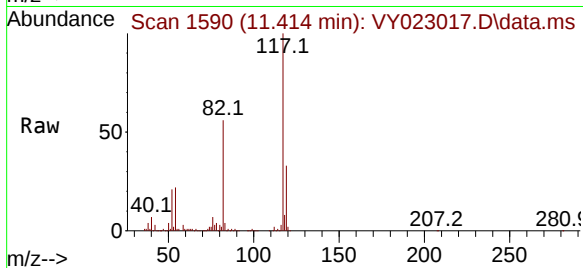




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

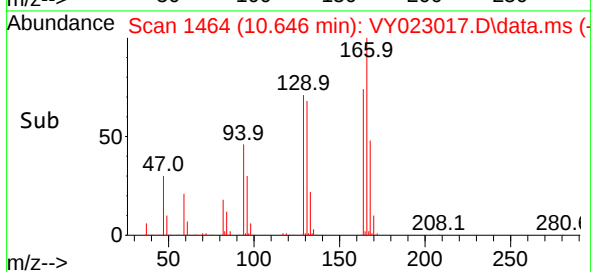
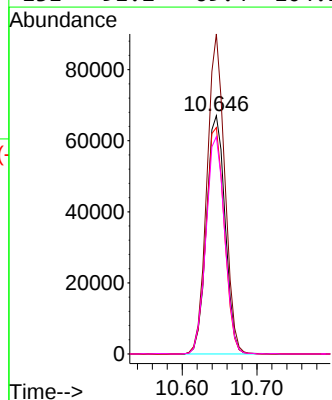
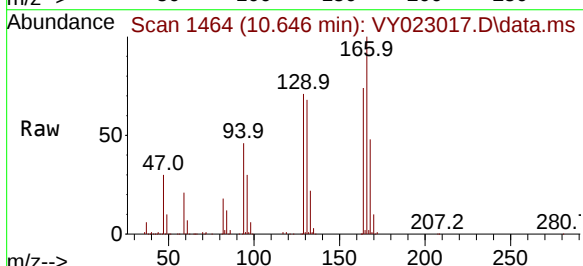
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

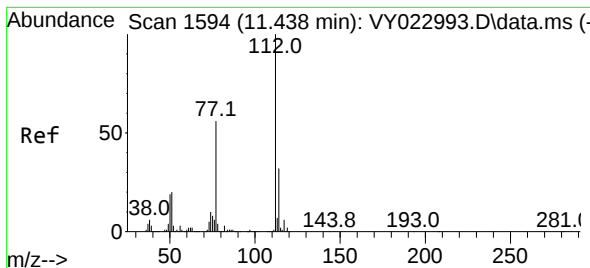
Tgt Ion:117 Resp: 586317
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.7 25.8 38.8



#64
Tetrachloroethene
Concen: 19.278 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:164 Resp: 115530
Ion Ratio Lower Upper
164 100
166 134.4 100.2 150.2
129 95.1 71.7 107.5
131 91.2 69.4 104.2

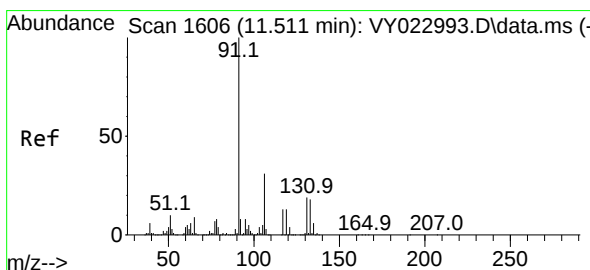
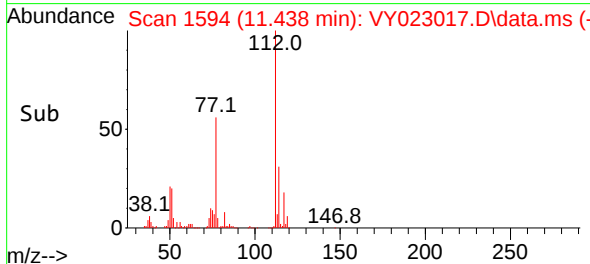
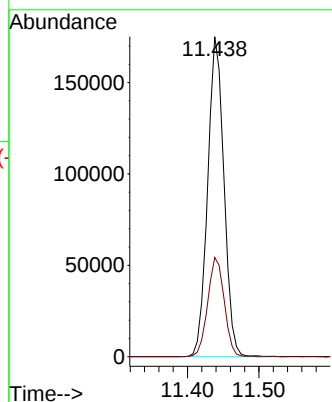
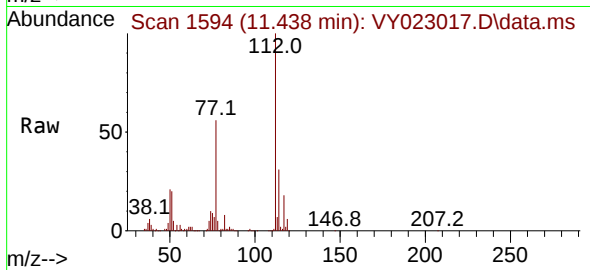




#65
Chlorobenzene
Concen: 19.972 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

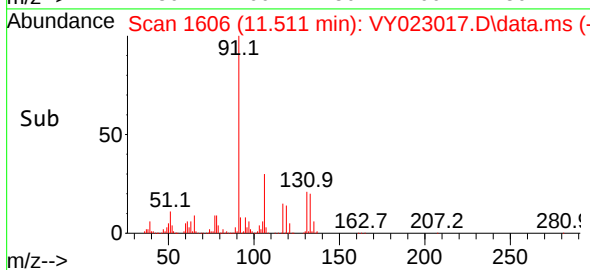
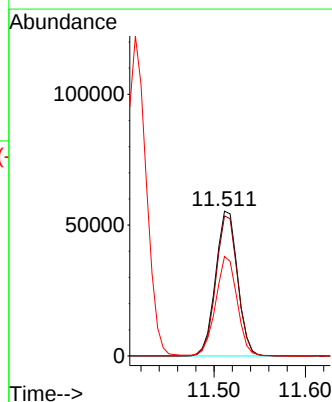
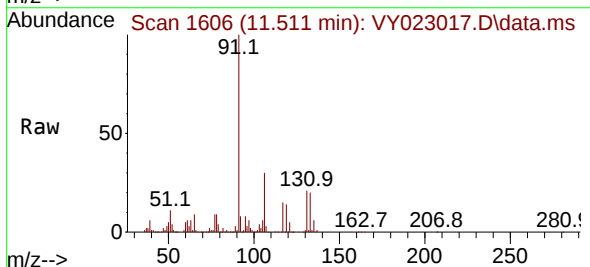
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

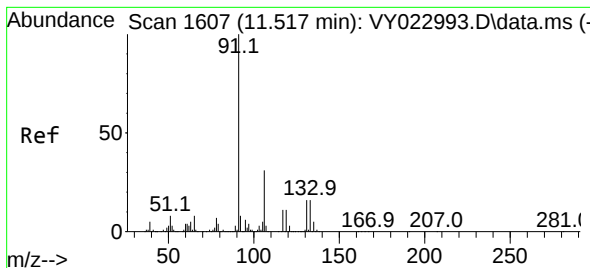
Tgt Ion:112 Resp: 276316
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:131 Resp: 92315
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 67.1 33.3 99.8

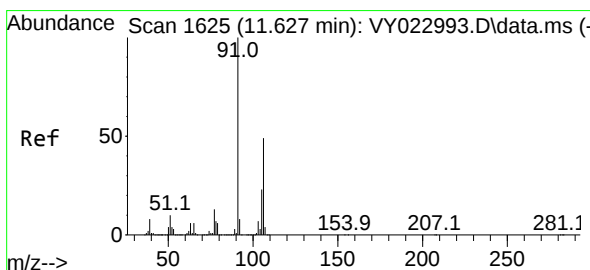
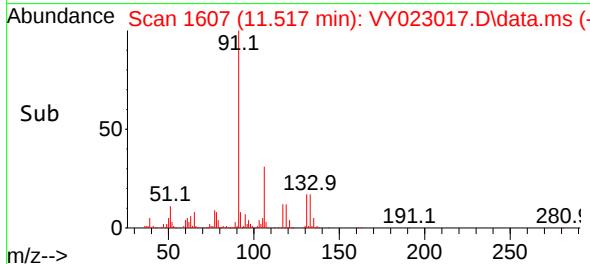
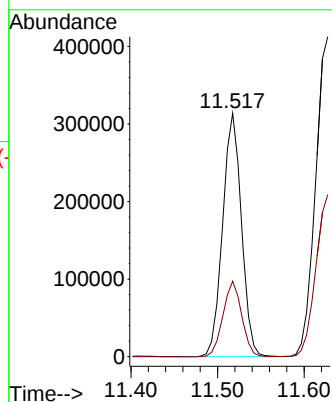
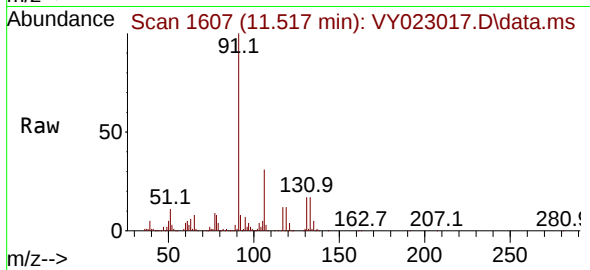




#67
Ethyl Benzene
Concen: 19.286 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

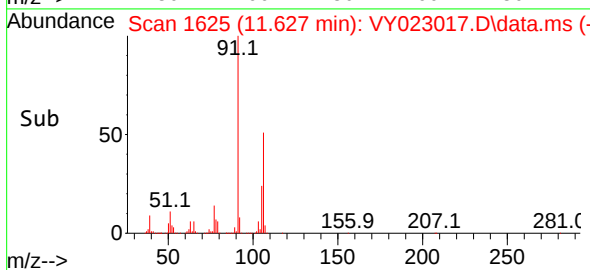
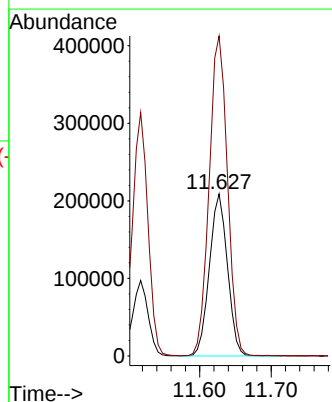
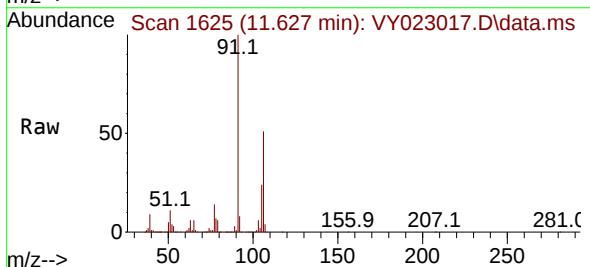
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

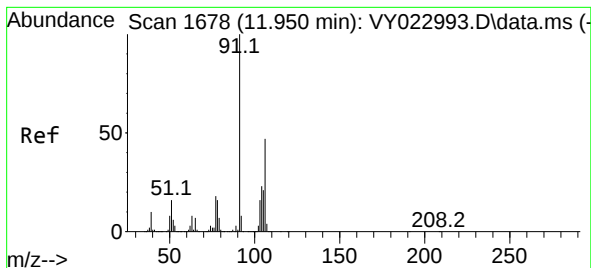
Tgt Ion: 91 Resp: 472954
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



#68
m/p-Xylenes
Concen: 38.830 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:106 Resp: 365243
Ion Ratio Lower Upper
106 100
91 200.8 159.8 239.8





#69

o-Xylene

Concen: 19.457 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

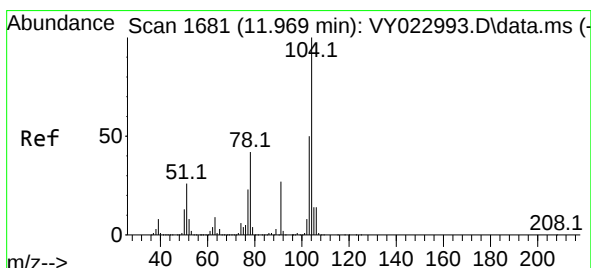
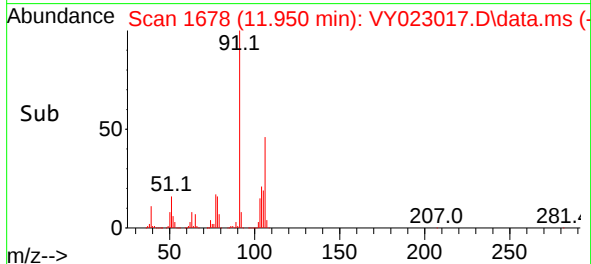
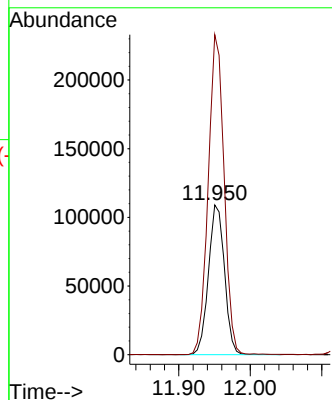
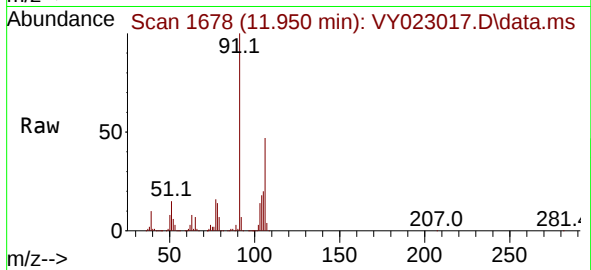
VY0721SBS01

Tgt Ion:106 Resp: 169844

Ion Ratio Lower Upper

106 100

91 212.1 106.3 318.8



#70

Styrene

Concen: 19.367 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

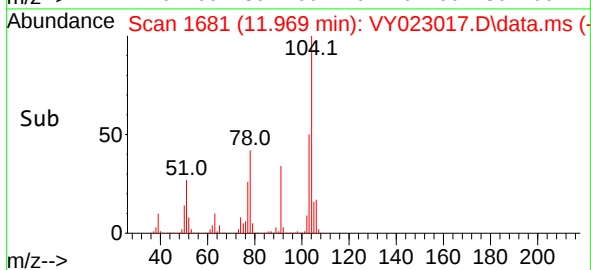
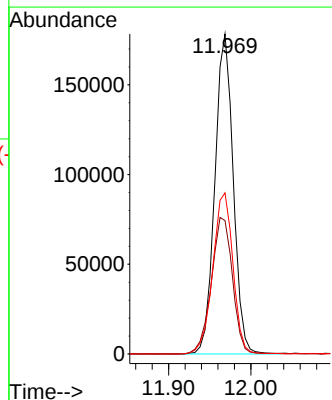
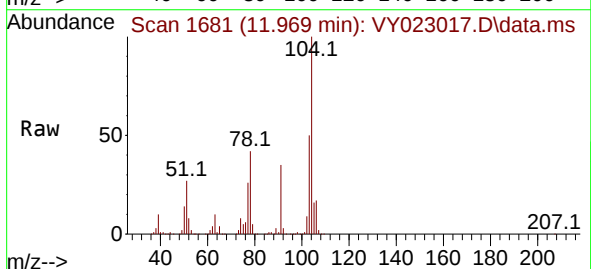
Tgt Ion:104 Resp: 276934

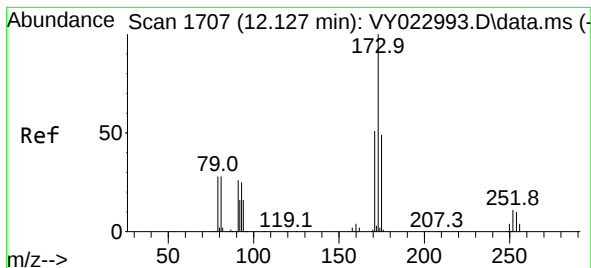
Ion Ratio Lower Upper

104 100

78 49.1 39.0 58.6

103 55.3 43.7 65.5





#71

Bromoform

Concen: 21.305 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

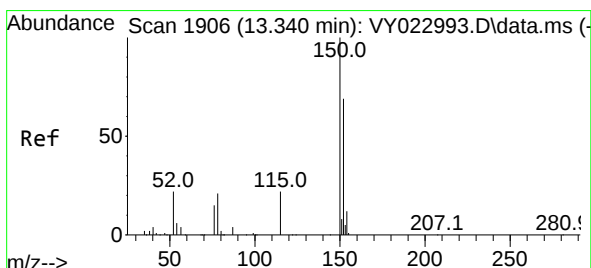
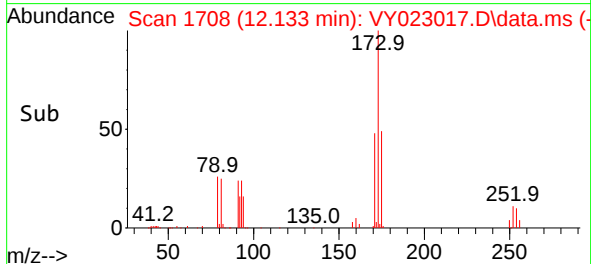
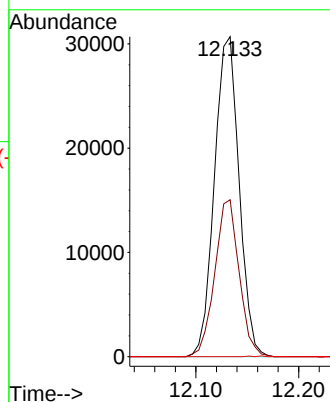
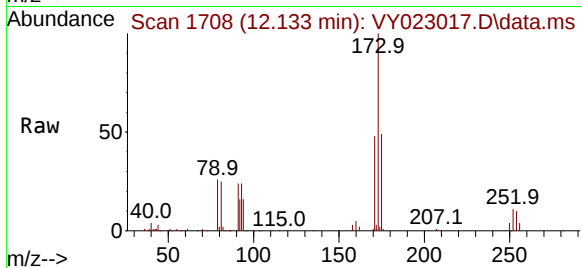
Tgt Ion:173 Resp: 51038

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

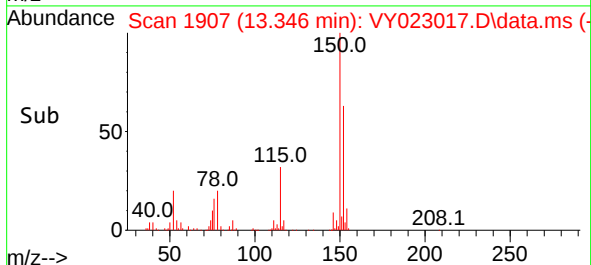
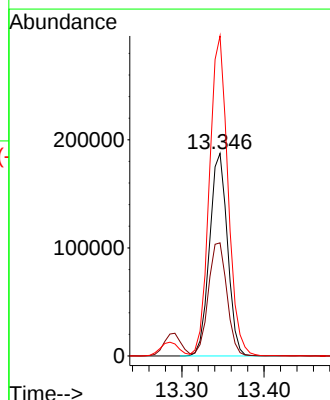
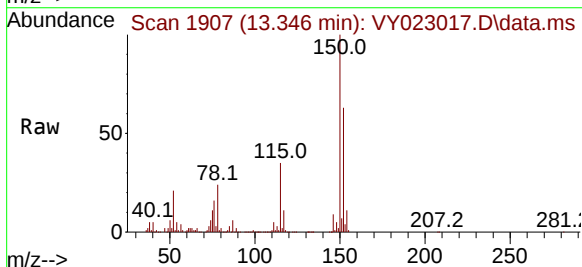
Tgt Ion:152 Resp: 283751

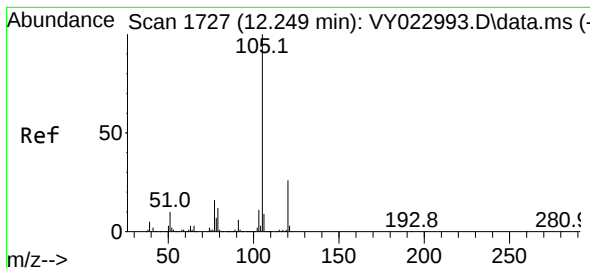
Ion Ratio Lower Upper

152 100

115 57.8 29.4 88.2

150 163.4 0.0 350.0





#73

Isopropylbenzene

Concen: 18.606 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

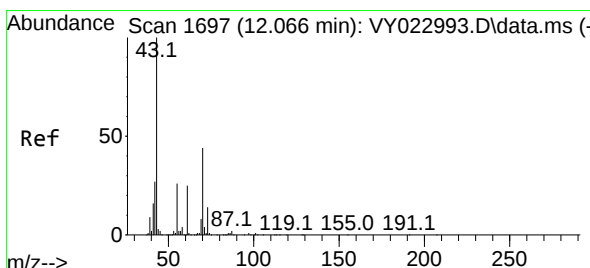
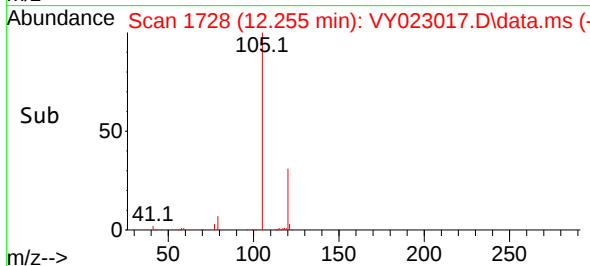
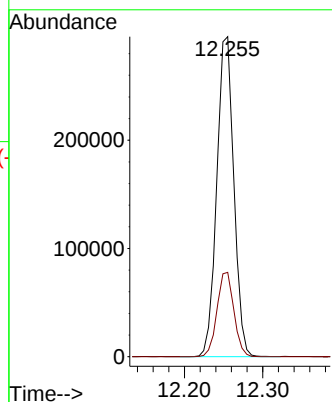
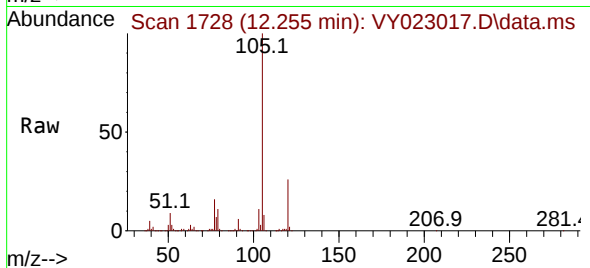
VY0721SBS01

Tgt Ion:105 Resp: 447600

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 21.128 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Tgt Ion: 43 Resp: 95827

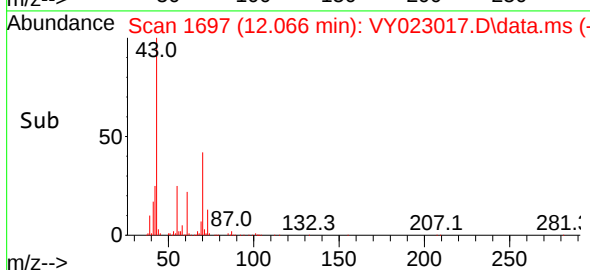
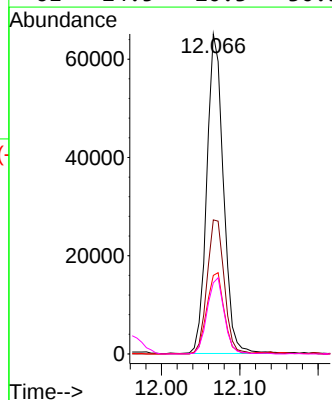
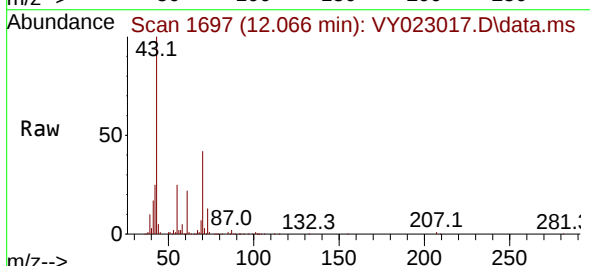
Ion Ratio Lower Upper

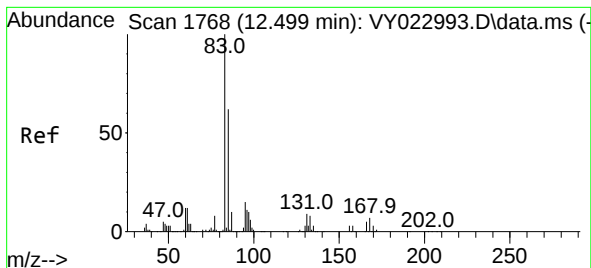
43 100

70 43.3 36.2 54.2

55 26.2 20.9 31.3

61 24.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.238 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

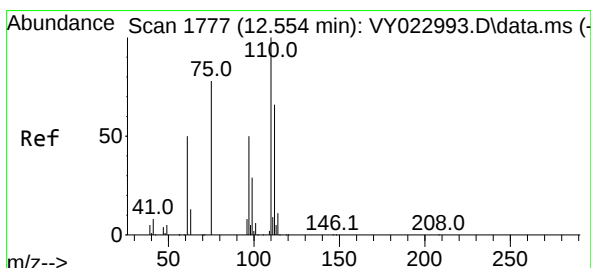
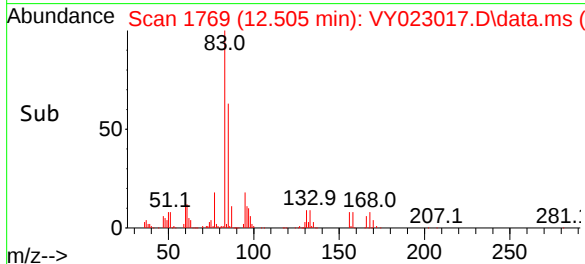
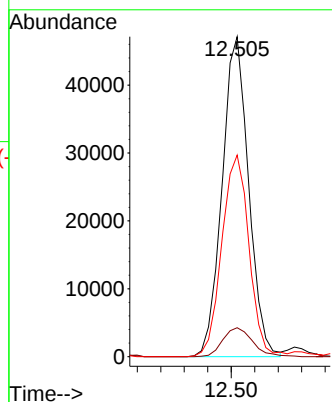
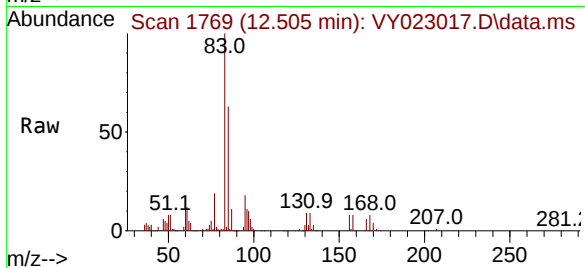
Tgt Ion: 83 Resp: 73937

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.667 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023017.D

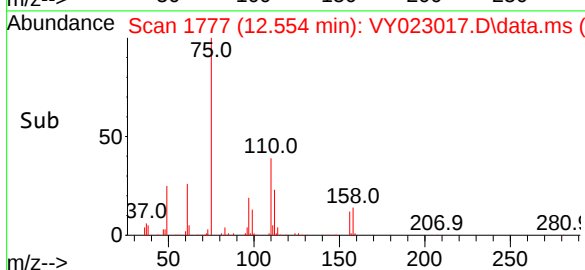
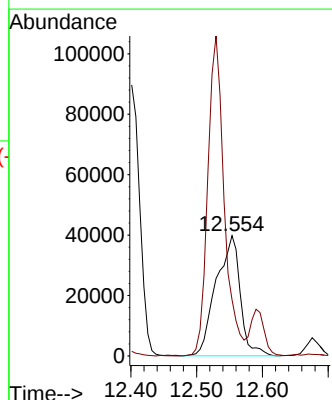
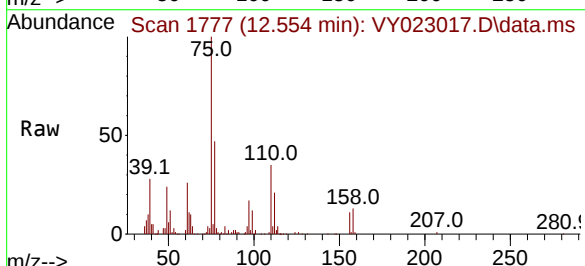
Acq: 21 Jul 2025 11:13

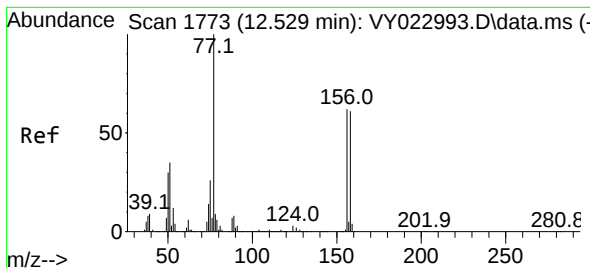
Tgt Ion: 75 Resp: 101359

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.228 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

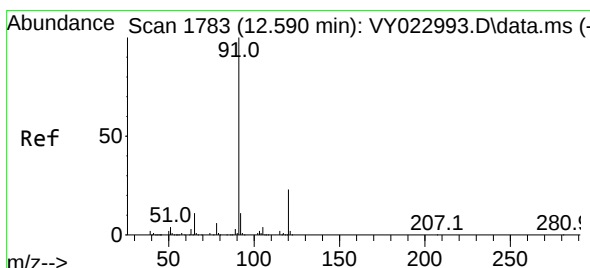
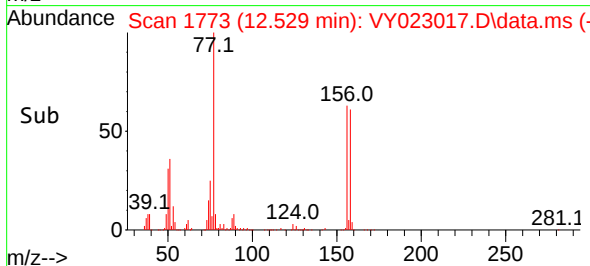
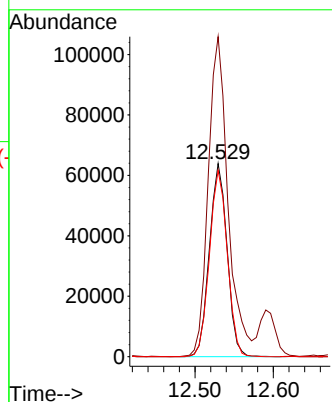
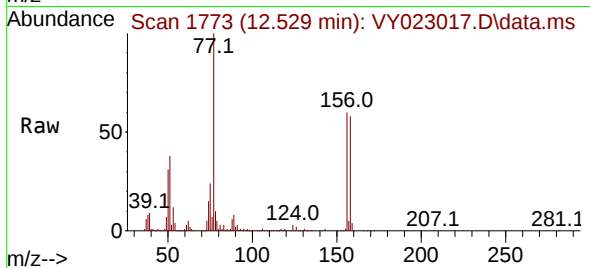
Tgt Ion:156 Resp: 100323

Ion Ratio Lower Upper

156 100

77 184.9 92.0 276.1

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.027 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023017.D

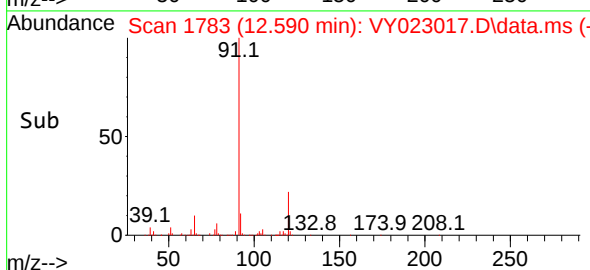
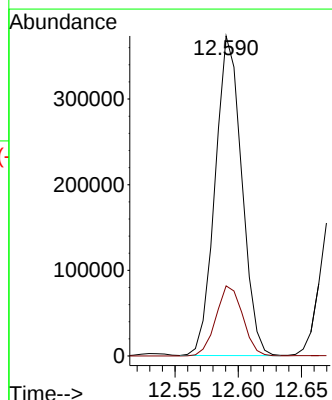
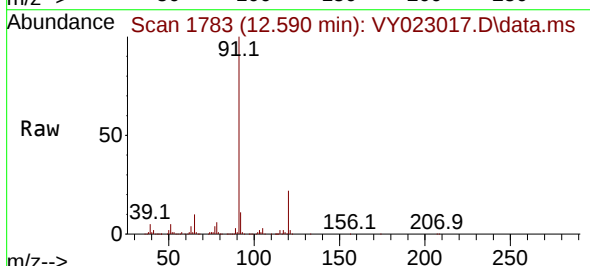
Acq: 21 Jul 2025 11:13

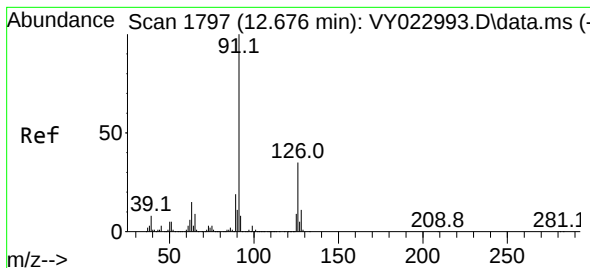
Tgt Ion: 91 Resp: 545094

Ion Ratio Lower Upper

91 100

120 22.1 11.3 33.8

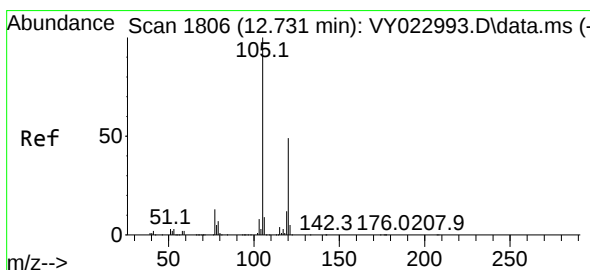
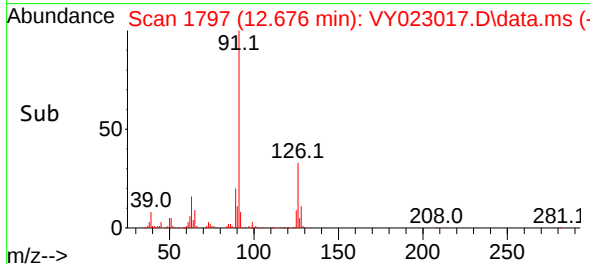
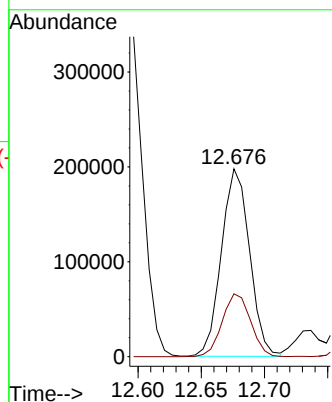
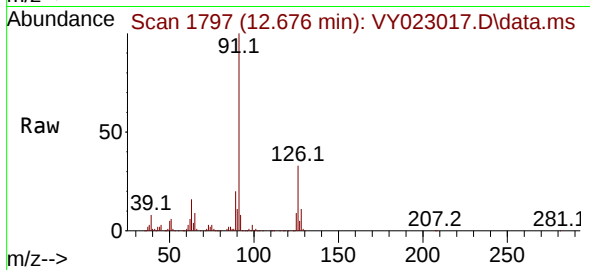




#79
2-Chlorotoluene
Concen: 19.016 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

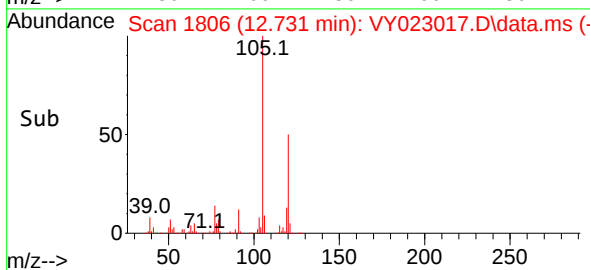
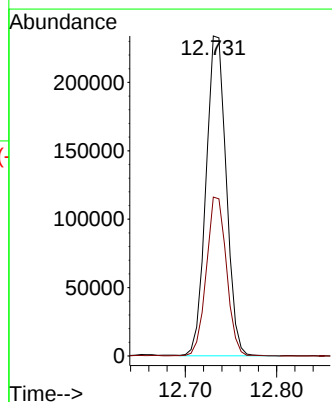
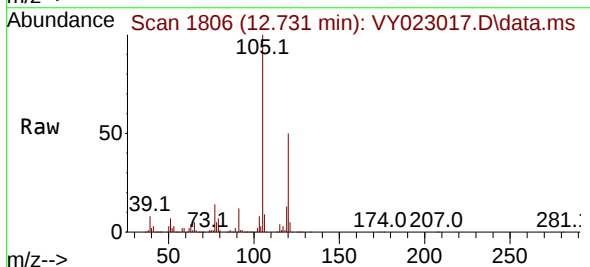
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

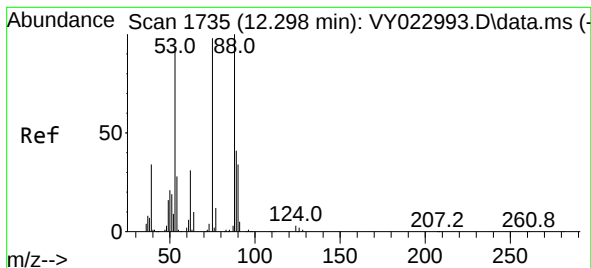
Tgt Ion: 91 Resp: 306395
Ion Ratio Lower Upper
91 100
126 33.7 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 18.868 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:105 Resp: 357988
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.8

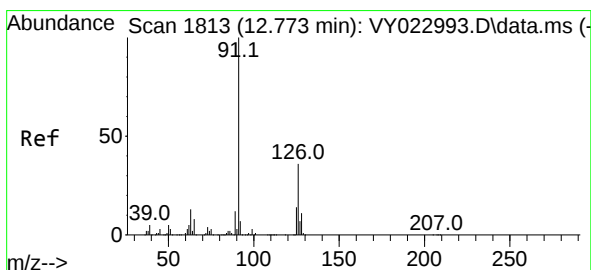
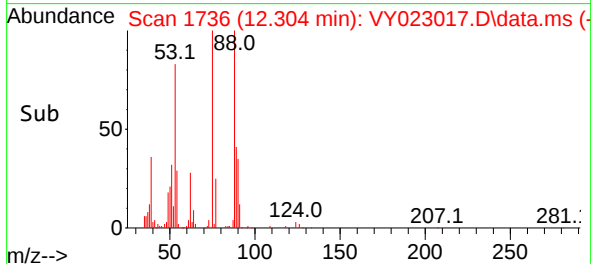
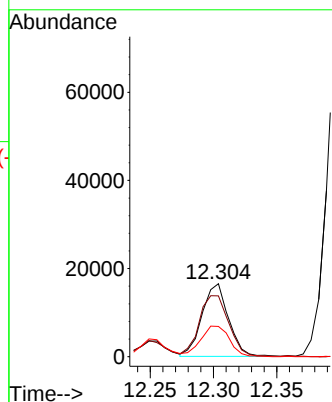
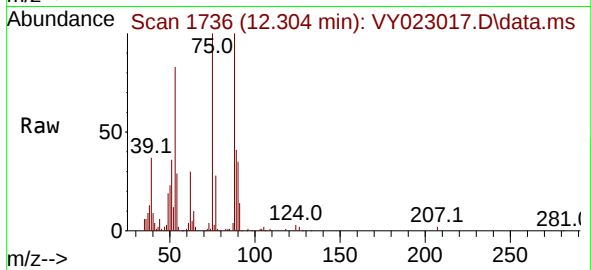




#81
trans-1,4-Dichloro-2-butene
Concen: 20.228 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

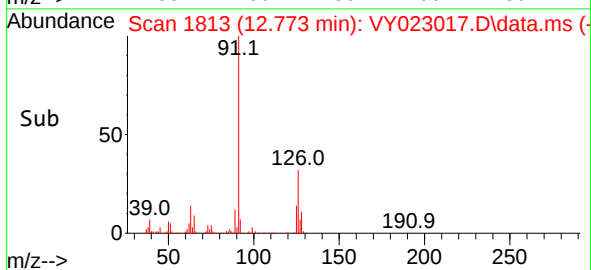
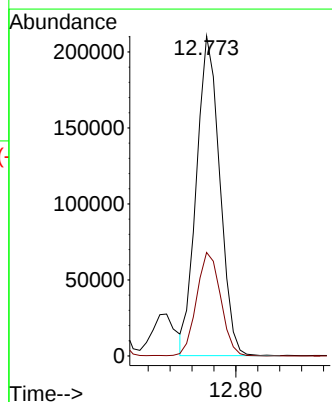
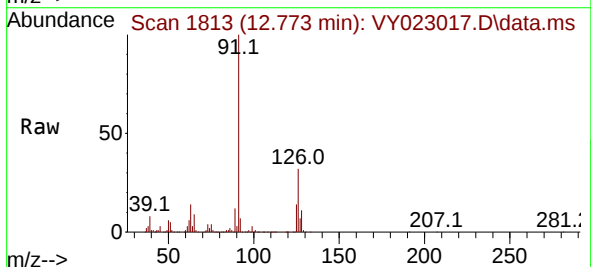
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

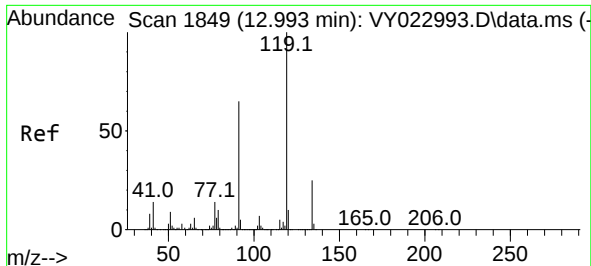
Tgt Ion: 75 Resp: 24013
Ion Ratio Lower Upper
75 100
53 92.8 76.1 114.1
89 46.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.124 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 91 Resp: 310771
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.5

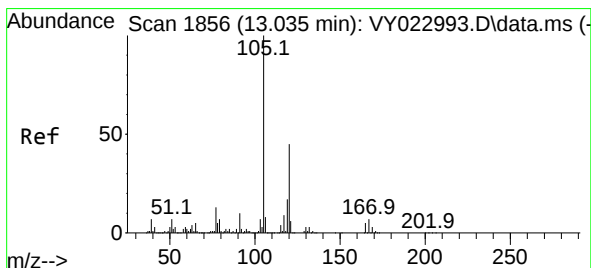
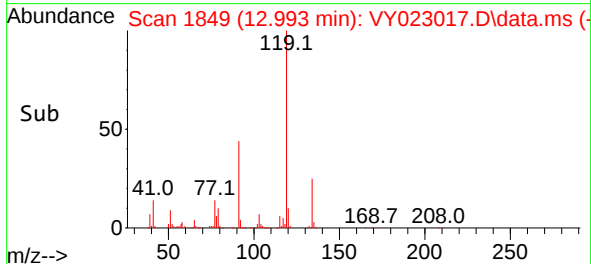
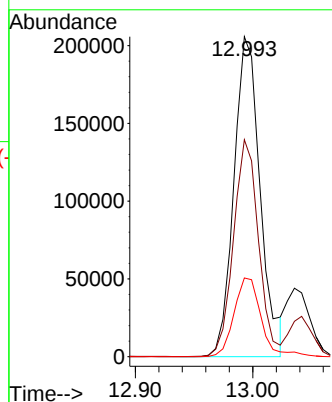
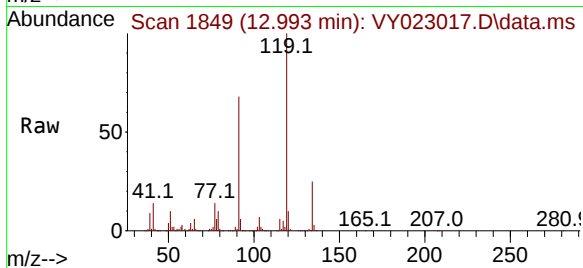




#83
tert-Butylbenzene
Concen: 18.666 ug/l
RT: 12.993 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

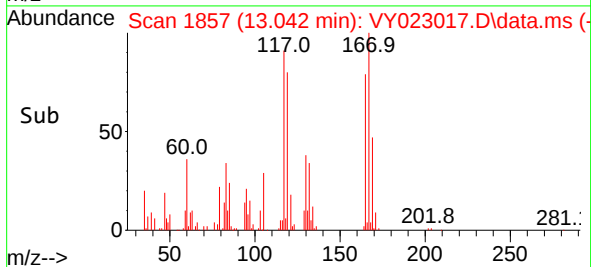
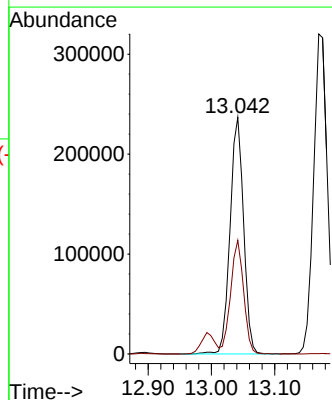
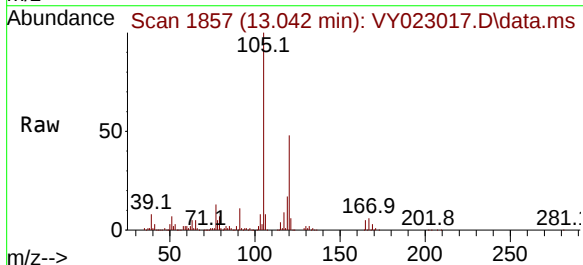
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

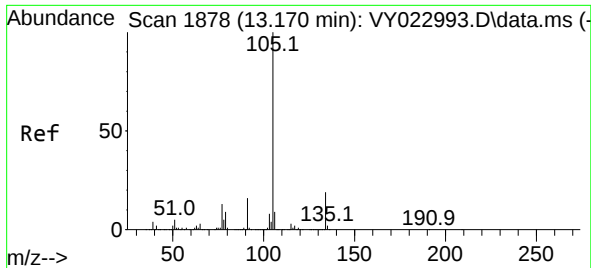
Tgt Ion:119 Resp: 319915
Ion Ratio Lower Upper
119 100
91 64.6 32.0 96.2
134 25.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 18.832 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion:105 Resp: 351737
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.8

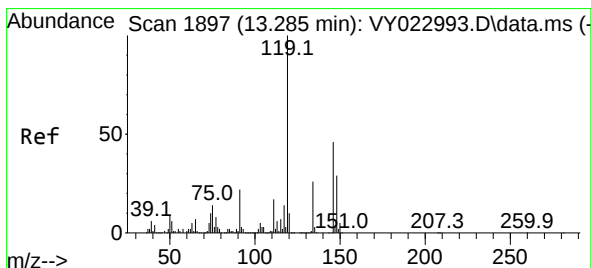
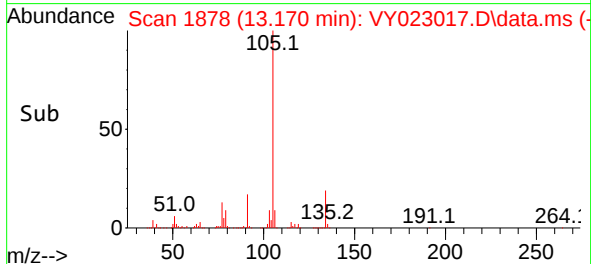
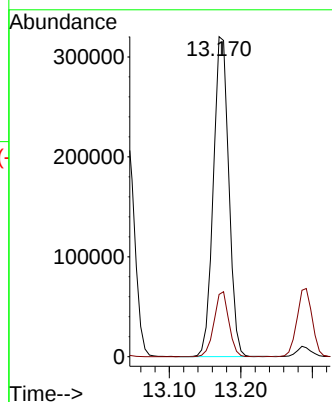
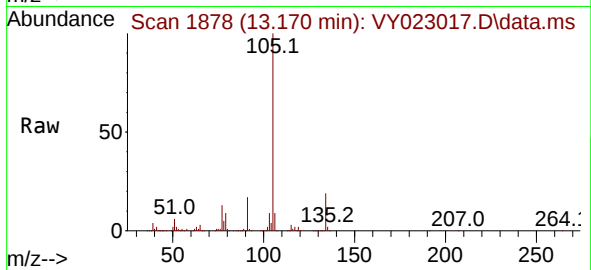




#85
 sec-Butylbenzene
 Concen: 18.712 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

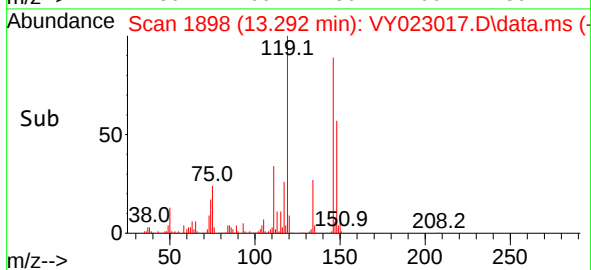
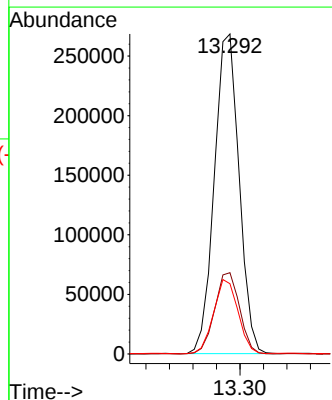
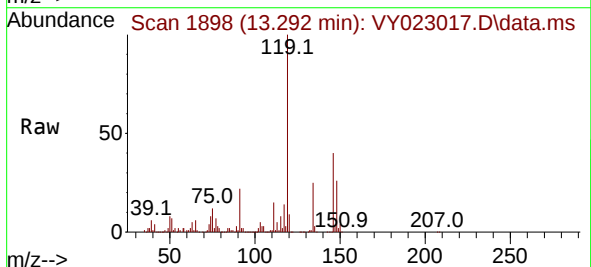
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

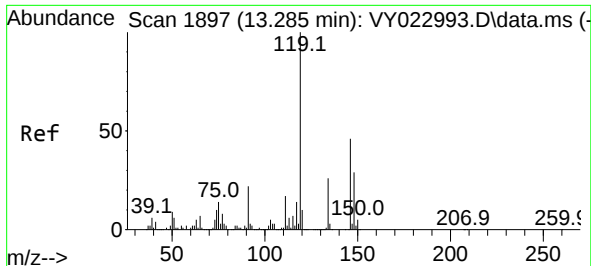
Tgt Ion:105 Resp: 480603
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 18.839 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023017.D
 Acq: 21 Jul 2025 11:13

Tgt Ion:119 Resp: 392976
 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: 19.028 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

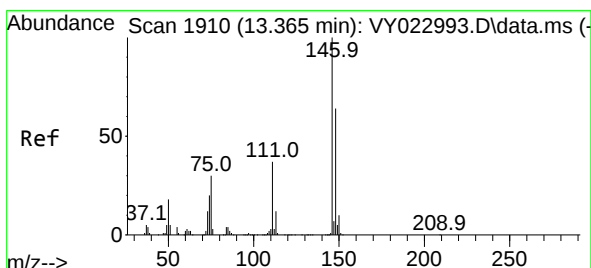
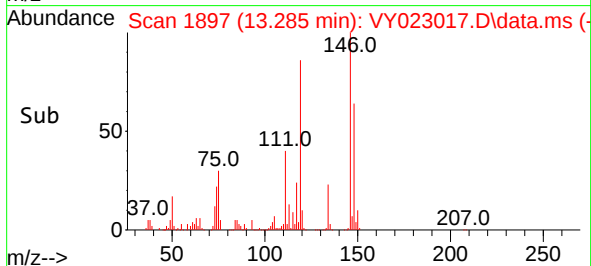
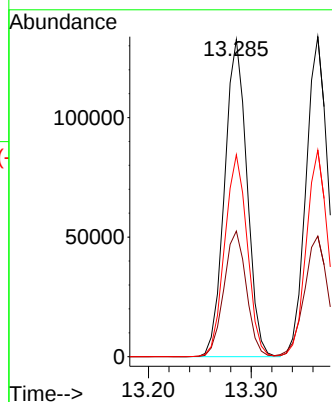
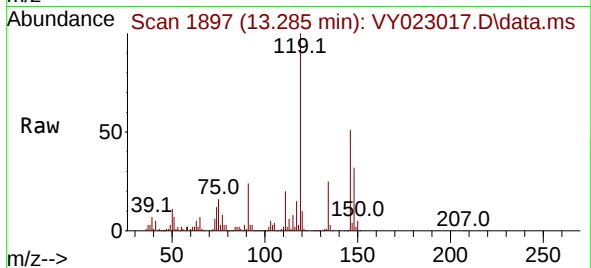
Tgt Ion:146 Resp: 200360

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.3

148 64.1 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 19.616 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

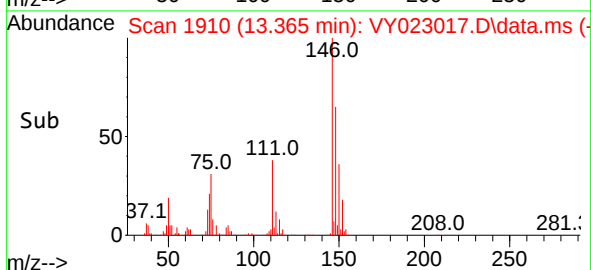
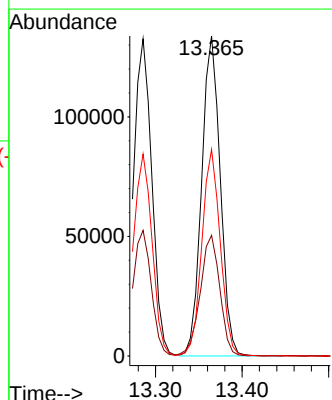
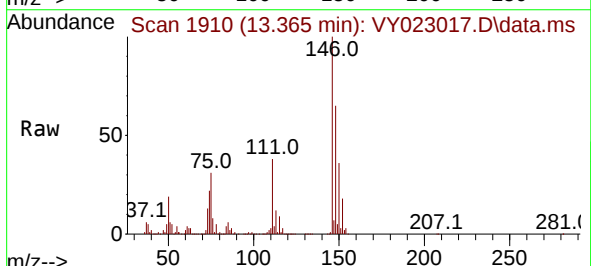
Tgt Ion:146 Resp: 199817

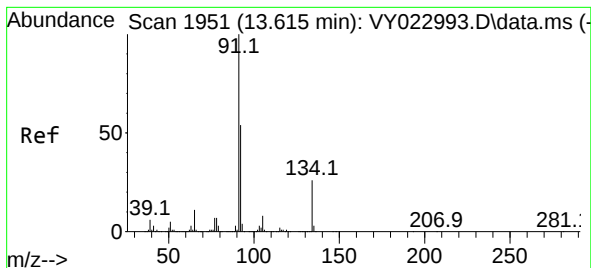
Ion Ratio Lower Upper

146 100

111 39.6 19.2 57.6

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 19.048 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

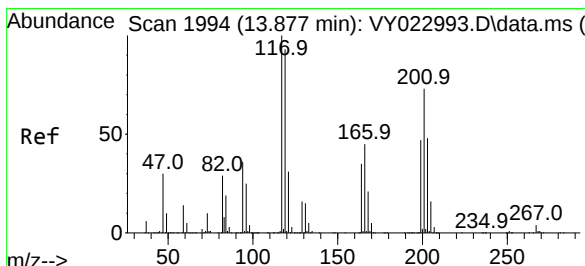
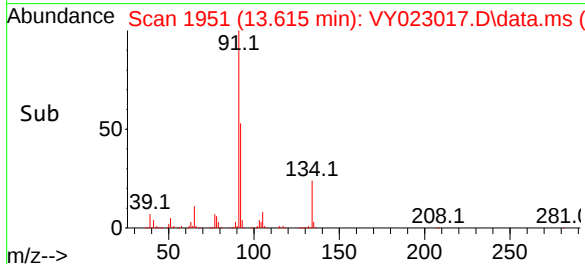
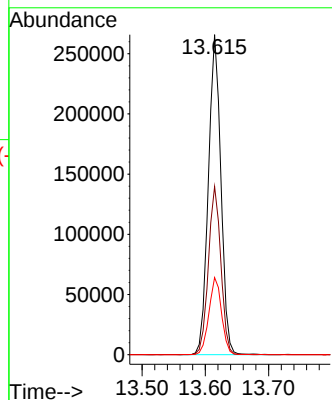
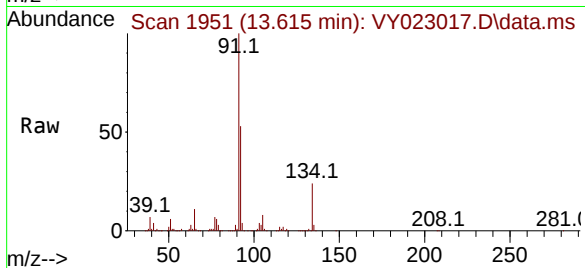
Tgt Ion: 91 Resp: 366638

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 24.4 12.6 37.6



#90

Hexachloroethane

Concen: 18.751 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023017.D

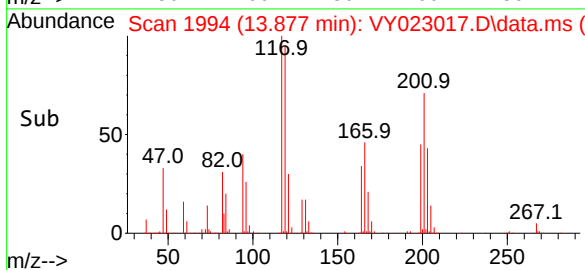
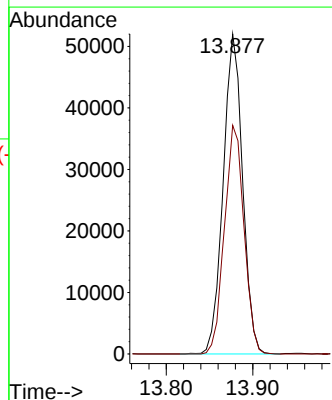
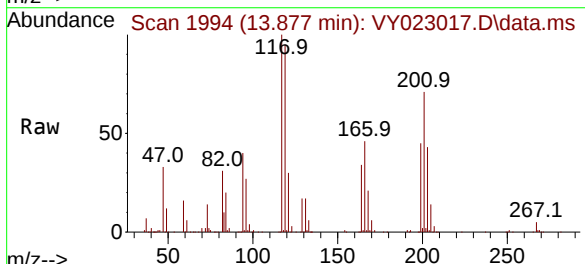
Acq: 21 Jul 2025 11:13

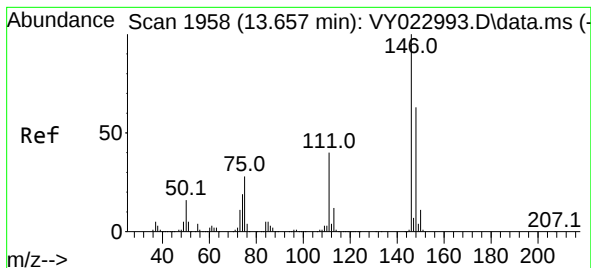
Tgt Ion: 117 Resp: 80981

Ion Ratio Lower Upper

117 100

201 72.0 36.1 108.5

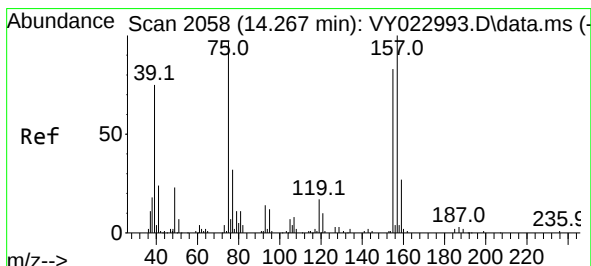
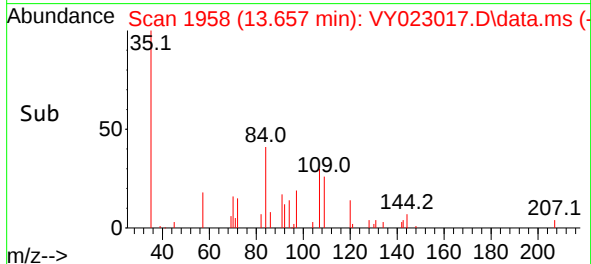
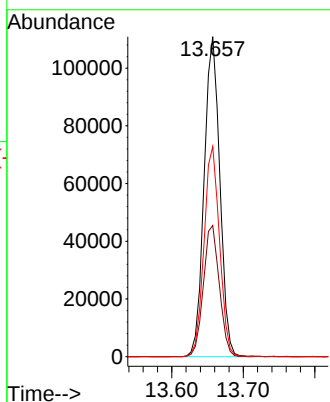
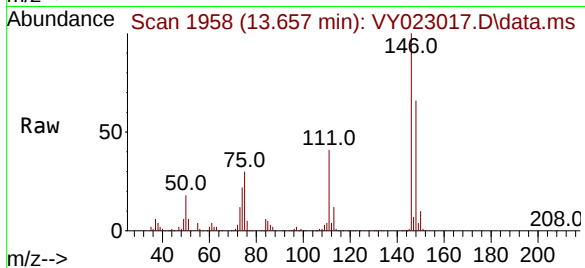




#91
1,2-Dichlorobenzene
Concen: 19.036 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

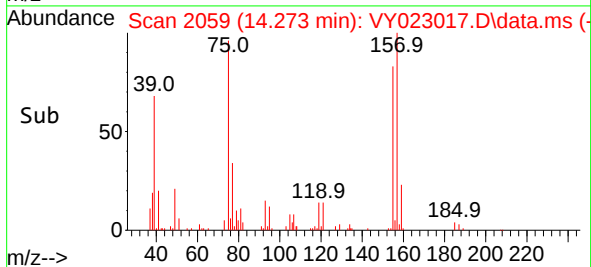
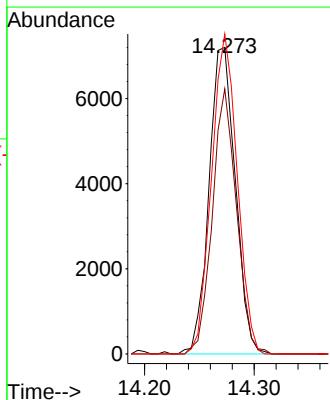
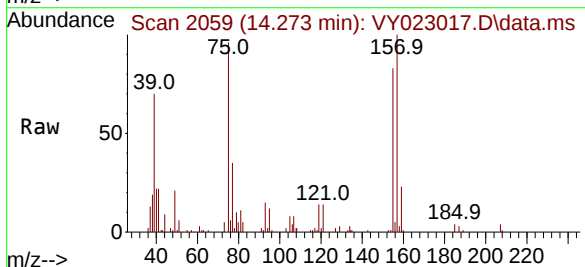
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

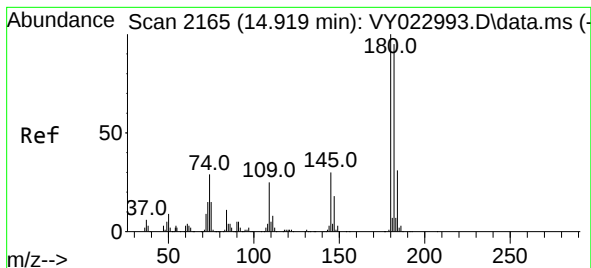
Tgt Ion:146 Resp: 169075
Ion Ratio Lower Upper
146 100
111 41.7 20.3 61.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.243 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023017.D
Acq: 21 Jul 2025 11:13

Tgt Ion: 75 Resp: 12015
Ion Ratio Lower Upper
75 100
155 79.4 42.8 128.3
157 101.9 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 20.050 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

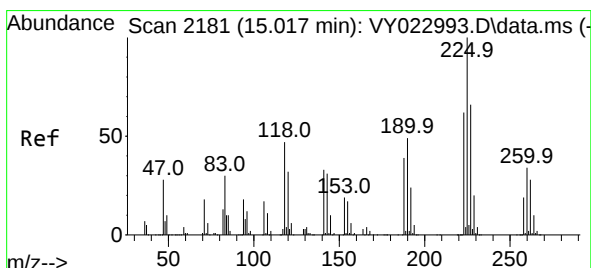
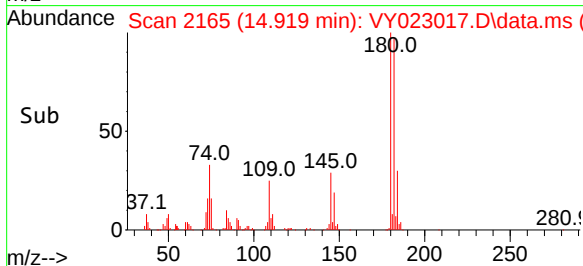
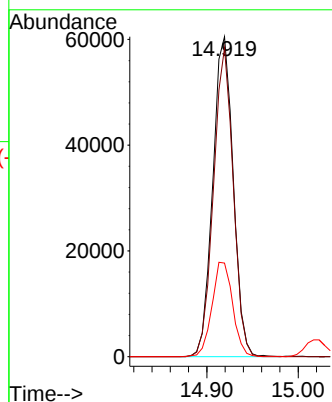
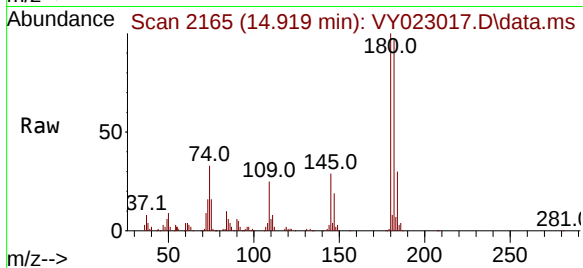
Tgt Ion:180 Resp: 93870

Ion Ratio Lower Upper

180 100

182 93.4 47.5 142.5

145 29.9 14.9 44.9



#94

Hexachlorobutadiene

Concen: 18.735 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

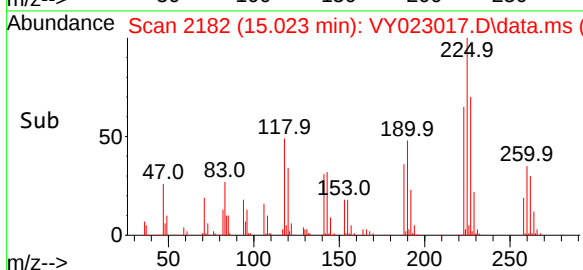
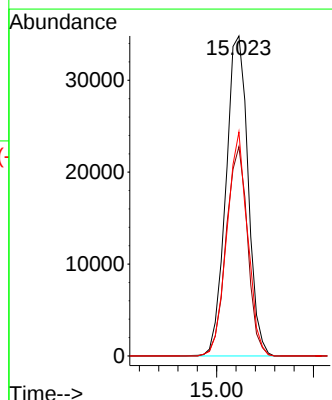
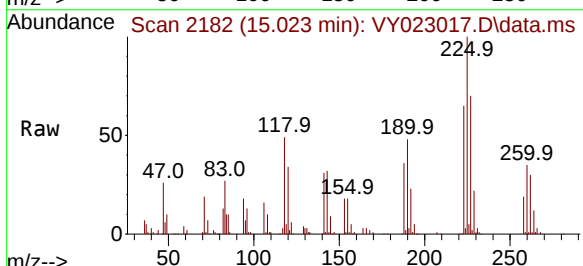
Tgt Ion:225 Resp: 55300

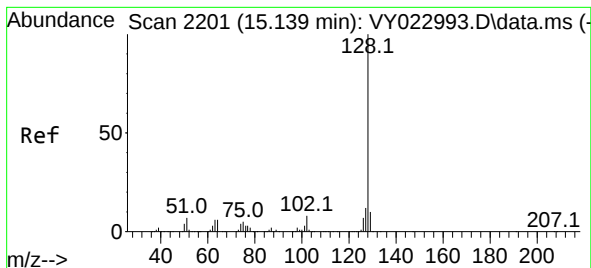
Ion Ratio Lower Upper

225 100

223 63.0 31.4 94.0

227 65.3 32.1 96.5





#95

Naphthalene

Concen: 20.828 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

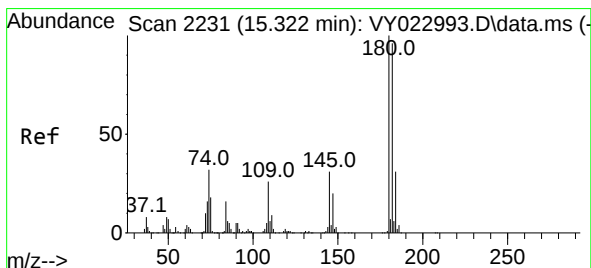
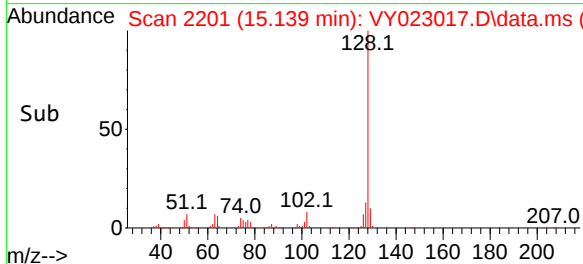
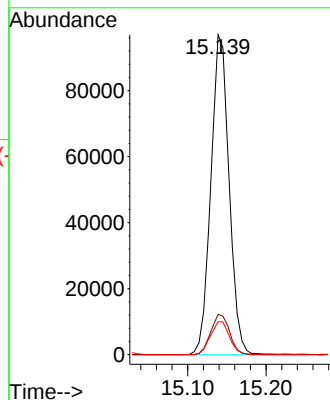
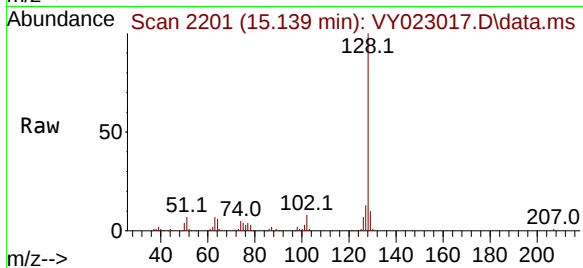
Tgt Ion:128 Resp: 156400

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.662 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023017.D

Acq: 21 Jul 2025 11:13

Tgt Ion:180 Resp: 79873

Ion Ratio Lower Upper

180 100

182 94.6 47.3 142.0

145 31.7 15.8 47.4

