

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021713.D
 Acq On : 31 Mar 2025 12:06
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Apr 01 05:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	214172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	331290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	125981	54.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.634	113	121317	56.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.900%	
50) Toluene-d8	10.109	98	462747	56.601	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.200%	
62) 4-Bromofluorobenzene	12.407	95	151475	54.776	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.560%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	43626	19.653	ug/l	98
3) Chloromethane	2.068	50	60316	19.323	ug/l	98
4) Vinyl Chloride	2.202	62	67633	19.159	ug/l	95
5) Bromomethane	2.586	94	49205	20.437	ug/l	95
6) Chloroethane	2.732	64	44019	19.057	ug/l	95
7) Trichlorofluoromethane	3.056	101	88007	19.462	ug/l	99
8) Diethyl Ether	3.452	74	22584	18.365	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	47657	19.982	ug/l	97
10) Methyl Iodide	4.000	142	48259	18.444	ug/l	100
11) Tert butyl alcohol	4.860	59	12945	85.887	ug/l #	86
12) 1,1-Dichloroethene	3.787	96	43832	19.512	ug/l	97
13) Acrolein	3.653	56	20950	76.124	ug/l	100
14) Allyl chloride	4.385	41	68559	19.141	ug/l	99
15) Acrylonitrile	5.055	53	47958	93.401	ug/l	100
16) Acetone	3.866	43	41350	87.069	ug/l	98
17) Carbon Disulfide	4.104	76	138743	18.751	ug/l	99
18) Methyl Acetate	4.385	43	21339	18.130	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	105013	18.776	ug/l	98
20) Methylene Chloride	4.616	84	52448	20.269	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	47808	19.329	ug/l	98
22) Diisopropyl ether	6.018	45	148556	19.772	ug/l	99
23) Vinyl Acetate	5.957	43	413157	93.995	ug/l	100
24) 1,1-Dichloroethane	5.915	63	89165	19.846	ug/l	99
25) 2-Butanone	6.896	43	60244	88.813	ug/l	99
26) 2,2-Dichloropropane	6.884	77	79081	19.788	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	55430	19.928	ug/l	98
28) Bromochloromethane	7.238	49	37974	20.041	ug/l	99
29) Tetrahydrofuran	7.262	42	38304	87.740	ug/l	98
30) Chloroform	7.421	83	93099	19.923	ug/l	100
31) Cyclohexane	7.695	56	78108	19.072	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	82975	19.646	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65580	20.035	ug/l	99
37) Ethyl Acetate	6.982	43	27891	18.055	ug/l	98
38) Carbon Tetrachloride	7.817	117	74942	19.990	ug/l	99
39) Methylcyclohexane	9.109	83	76173	19.480	ug/l	98
40) Benzene	8.079	78	195801	19.974	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021713.D
 Acq On : 31 Mar 2025 12:06
 Operator : SY/MD
 Sample : VY0331SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

Quant Time: Apr 01 05:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	14249	17.368	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	55480	20.076	ug/l	99
43) Isopropyl Acetate	8.195	43	54406	18.584	ug/l	99
44) Trichloroethene	8.865	130	50660	20.283	ug/l	95
45) 1,2-Dichloropropane	9.140	63	46503	20.041	ug/l	95
46) Dibromomethane	9.231	93	26540	19.846	ug/l	97
47) Bromodichloromethane	9.420	83	69415	20.032	ug/l	99
48) Methyl methacrylate	9.219	41	24181	17.997	ug/l	98
49) 1,4-Dioxane	9.231	88	5551	387.486	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	141241	92.710	ug/l	99
52) Toluene	10.170	92	125988	20.600	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	58898	19.136	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	71708	19.749	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	34693	20.160	ug/l	97
56) Ethyl methacrylate	10.438	69	40781	18.559	ug/l	99
57) 1,3-Dichloropropane	10.719	76	58702	19.751	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	103179	96.251	ug/l	100
59) 2-Hexanone	10.761	43	89744	88.452	ug/l	98
60) Dibromochloromethane	10.908	129	46463	19.775	ug/l	98
61) 1,2-Dibromoethane	11.018	107	32020	19.835	ug/l	99
64) Tetrachloroethene	10.646	164	54754	20.648	ug/l	97
65) Chlorobenzene	11.438	112	133977	20.074	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	48015	20.276	ug/l	100
67) Ethyl Benzene	11.517	91	229825	20.081	ug/l	99
68) m/p-Xylenes	11.627	106	175372	40.016	ug/l	100
69) o-Xylene	11.956	106	79832	19.734	ug/l	98
70) Styrene	11.969	104	134656	19.963	ug/l	99
71) Bromoform	12.133	173	26804	19.844	ug/l #	100
73) Isopropylbenzene	12.255	105	213911	19.199	ug/l	100
74) N-amyl acetate	12.072	43	45399	17.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36917	18.429	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50453	33.929	ug/l #	100
77) Bromobenzene	12.529	156	53109	19.852	ug/l	96
78) n-propylbenzene	12.596	91	262582	19.602	ug/l	100
79) 2-Chlorotoluene	12.682	91	154163	19.815	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	180420	19.813	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11833	18.336	ug/l	98
82) 4-Chlorotoluene	12.779	91	158827	19.581	ug/l	99
83) tert-Butylbenzene	12.999	119	156181	19.256	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	176963	19.662	ug/l	98
85) sec-Butylbenzene	13.176	105	231582	19.537	ug/l	100
86) p-Isopropyltoluene	13.291	119	192703	19.670	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	105477	20.012	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	101406	19.473	ug/l	97
89) n-Butylbenzene	13.621	91	174870	19.301	ug/l	99
90) Hexachloroethane	13.883	117	41057	19.124	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	90863	19.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5726	18.442	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	46190	18.564	ug/l	97
94) Hexachlorobutadiene	15.023	225	31077	19.999	ug/l	98
95) Naphthalene	15.145	128	71488	17.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	40094	18.897	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021713.D
Acq On : 31 Mar 2025 12:06
Operator : SY/MD
Sample : VY0331SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

Quant Time: Apr 01 05:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

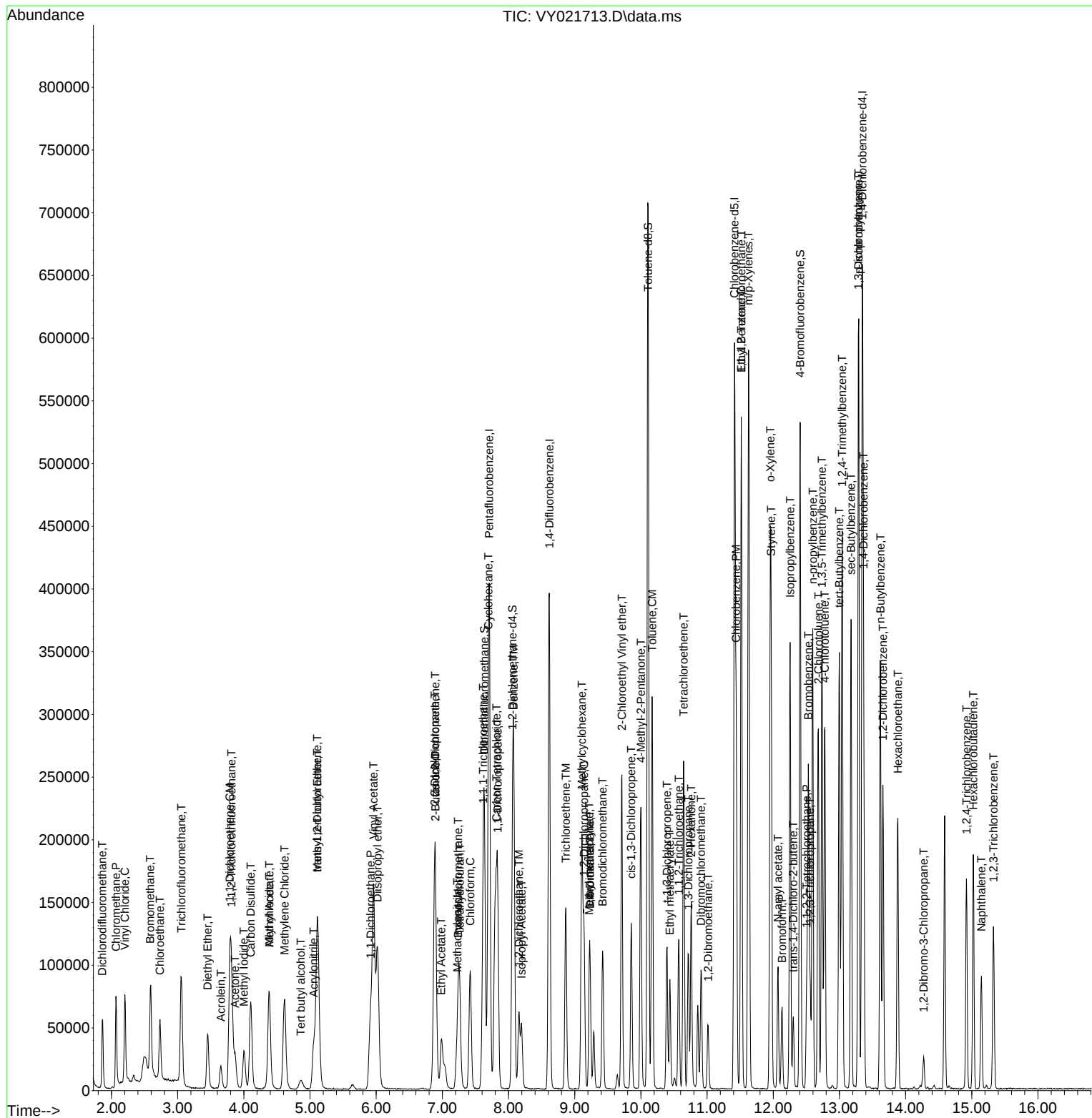
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

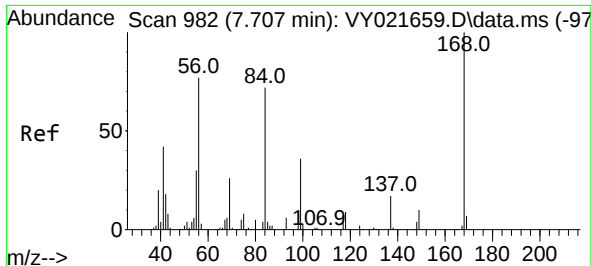
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021713.D
 Acq On : 31 Mar 2025 12:06
 Operator : SY/MD
 Sample : VY0331SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

Quant Time: Apr 01 05:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

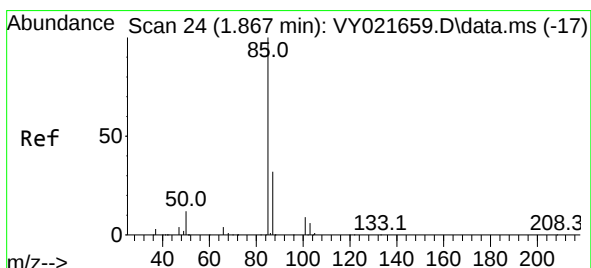
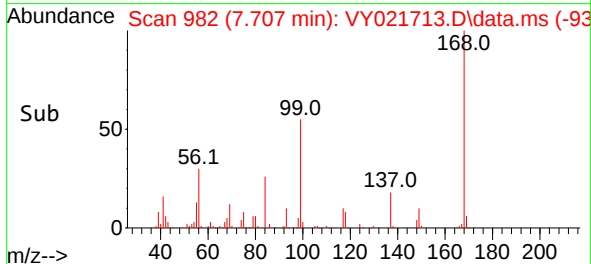
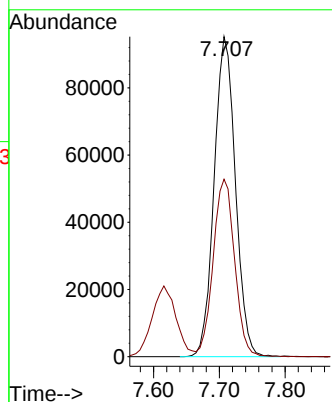
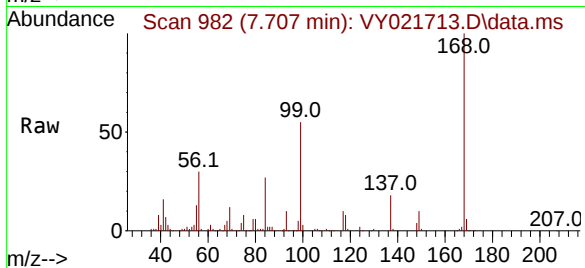




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

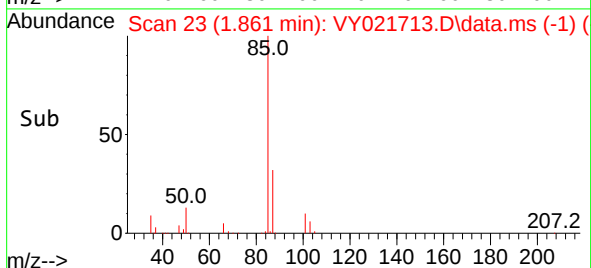
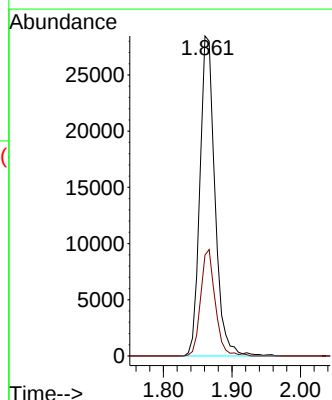
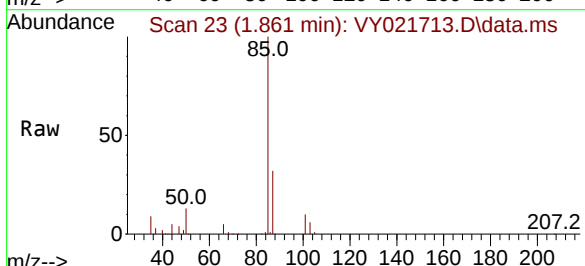
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

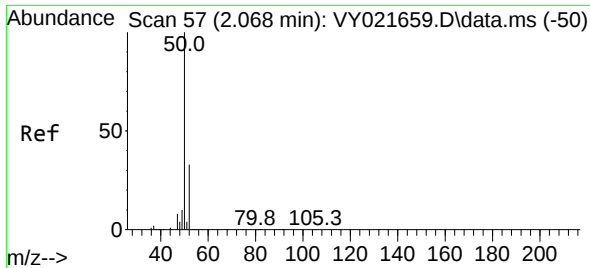
Tgt Ion:168 Resp: 214172
Ion Ratio Lower Upper
168 100
99 55.3 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.653 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 85 Resp: 43626
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6

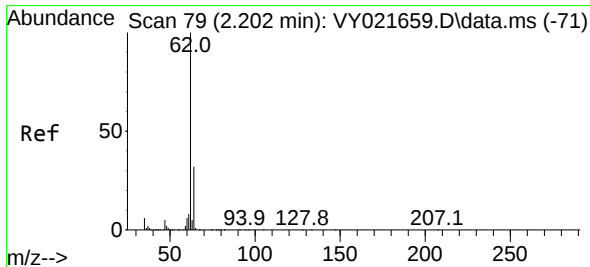
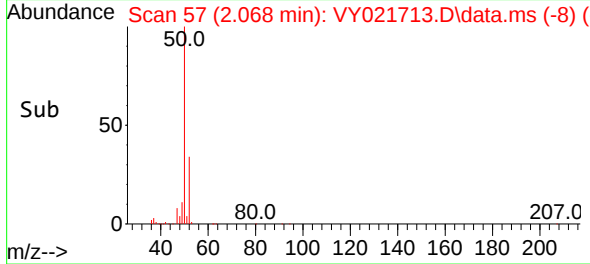
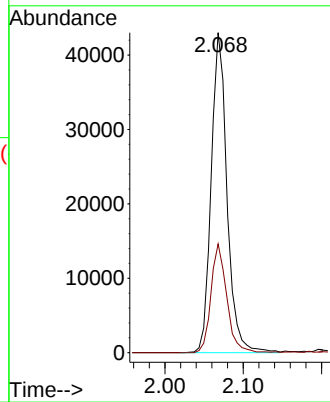
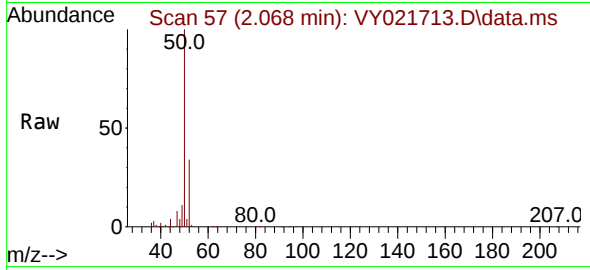




#3
Chloromethane
Concen: 19.323 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

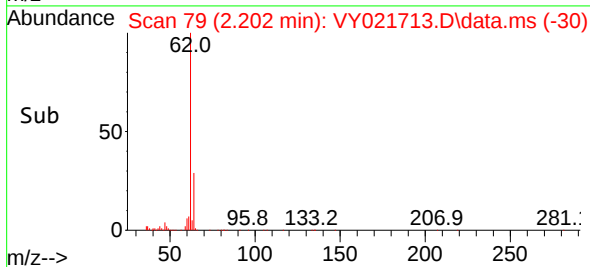
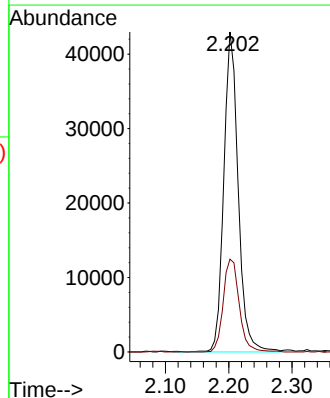
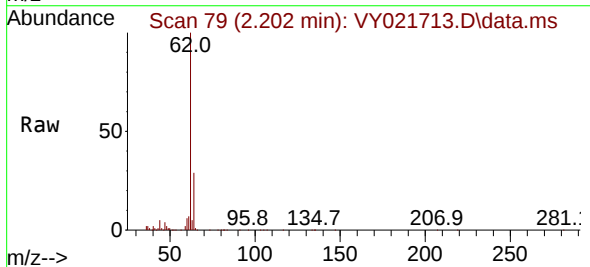
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

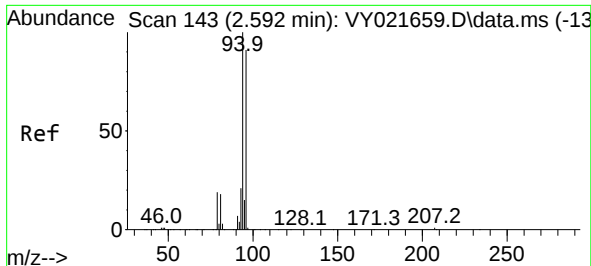
Tgt Ion: 50 Resp: 60316
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 19.159 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 62 Resp: 67633
Ion Ratio Lower Upper
62 100
64 28.8 25.5 38.3

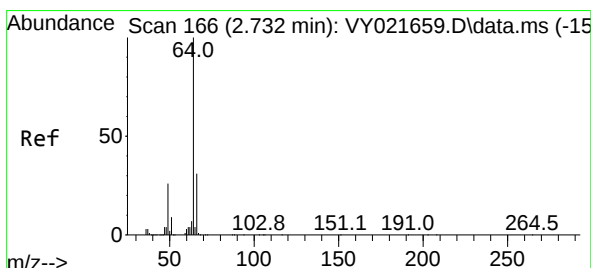
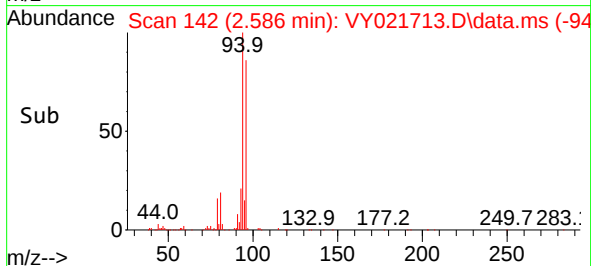
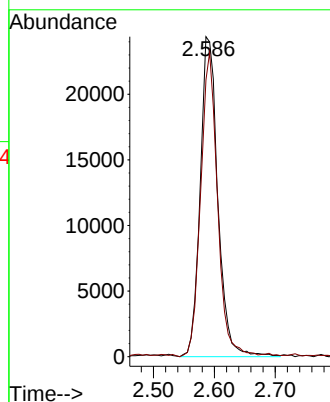
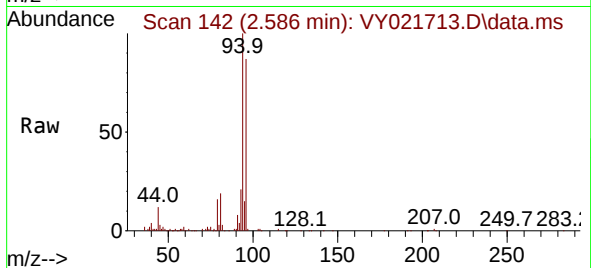




#5
Bromomethane
Concen: 20.437 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

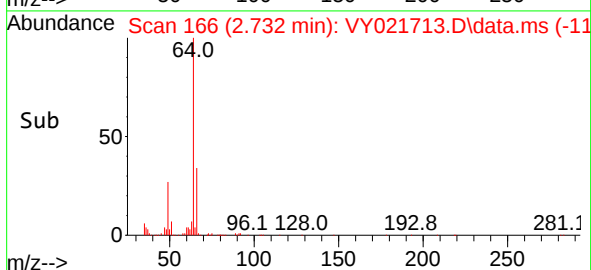
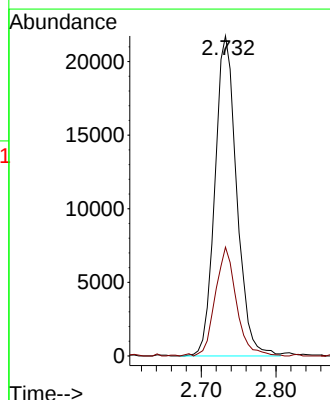
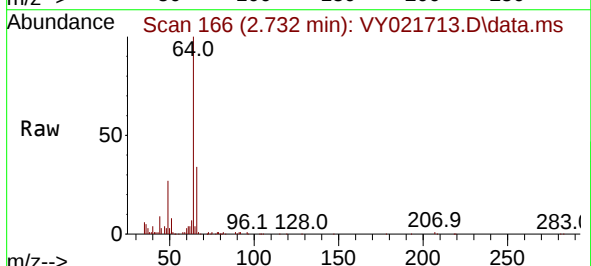
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

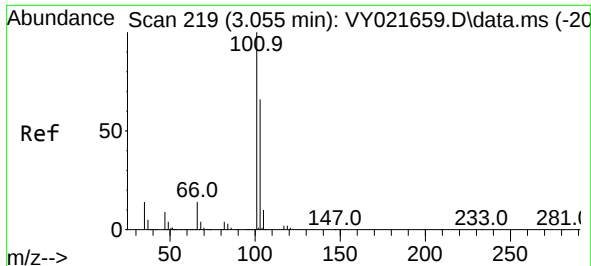
Tgt Ion: 94 Resp: 49205
Ion Ratio Lower Upper
94 100
96 86.5 72.8 109.2



#6
Chloroethane
Concen: 19.057 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 64 Resp: 44019
Ion Ratio Lower Upper
64 100
66 34.0 24.9 37.3

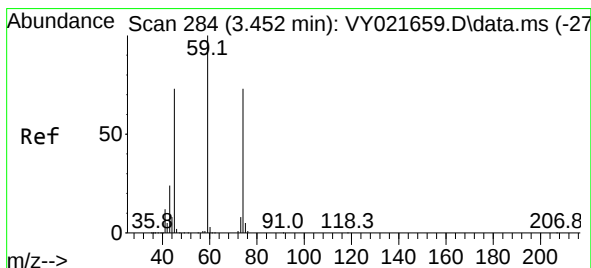
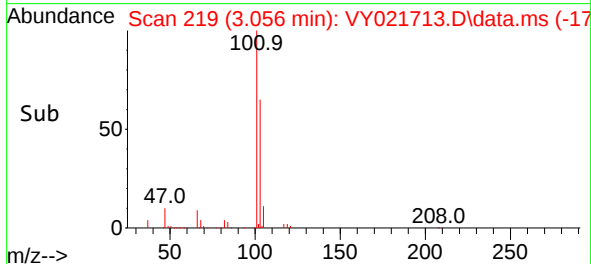
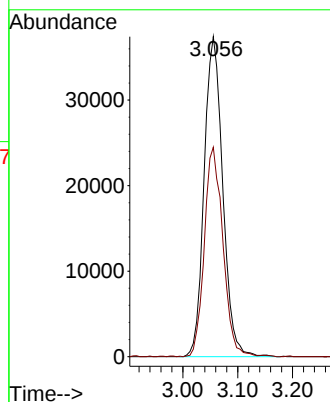
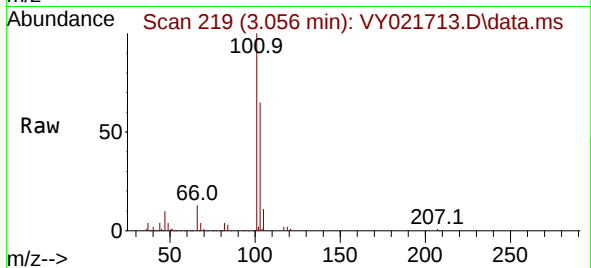




#7
 Trichlorofluoromethane
 Concen: 19.462 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

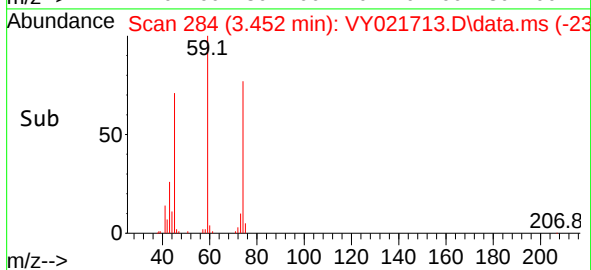
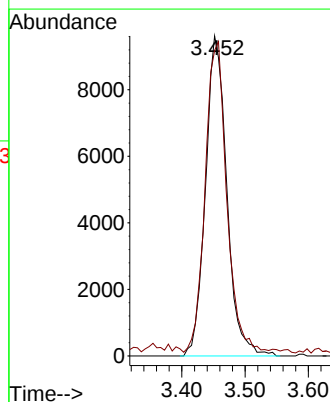
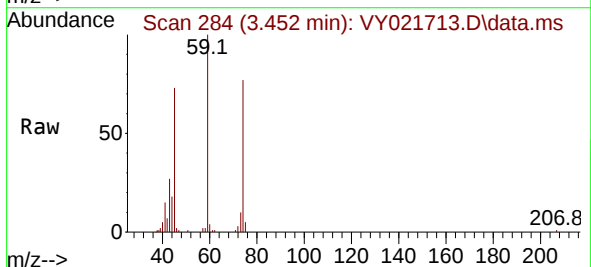
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

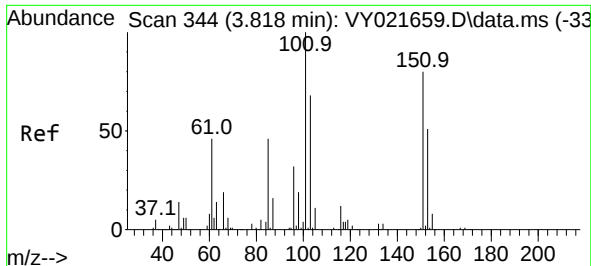
Tgt Ion:101 Resp: 88007
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.365 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

Tgt Ion: 74 Resp: 22584
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.6 145.8

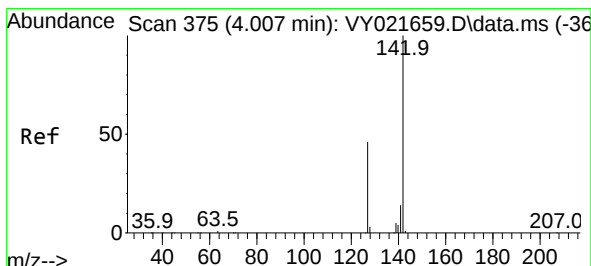
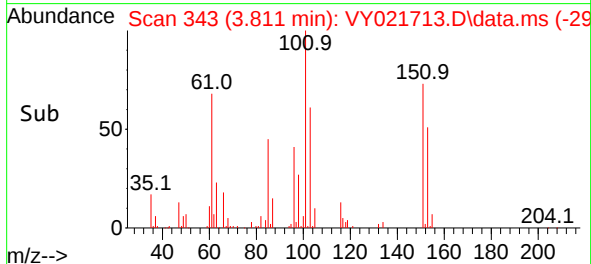
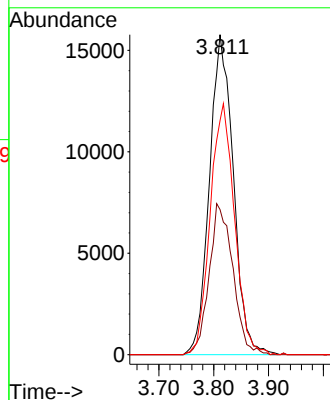
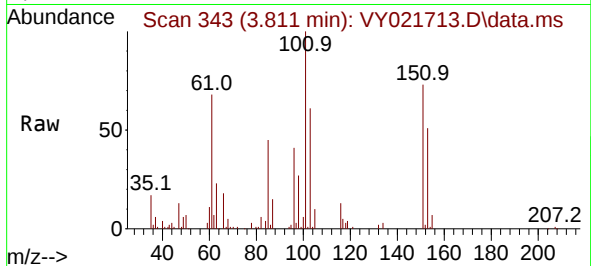




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.982 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

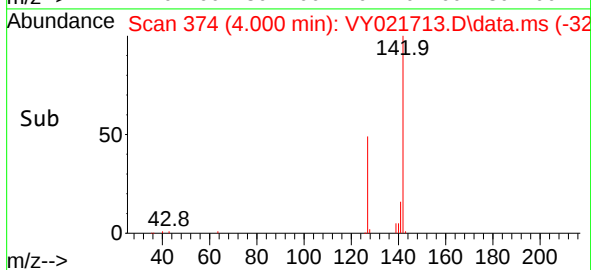
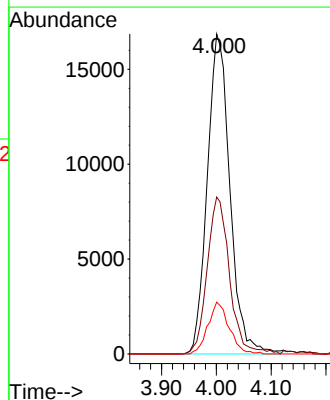
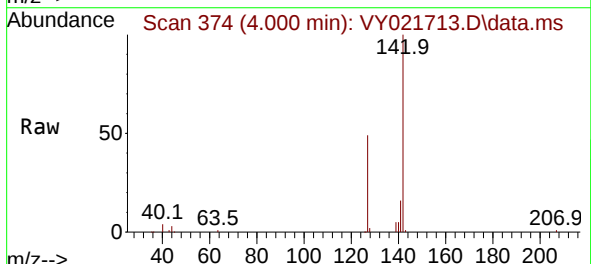
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

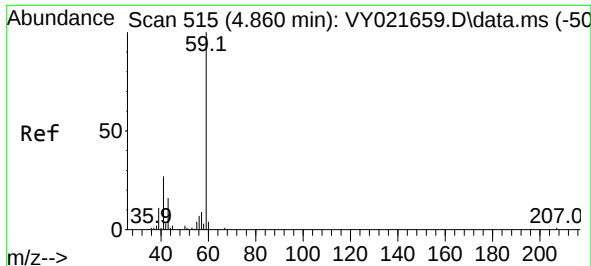
Tgt Ion:101 Resp: 47657
Ion Ratio Lower Upper
101 100
85 46.9 36.3 54.5
151 80.1 61.3 91.9



#10
Methyl Iodide
Concen: 18.444 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion:142 Resp: 48259
Ion Ratio Lower Upper
142 100
127 48.4 38.7 58.1
141 15.2 11.5 17.3

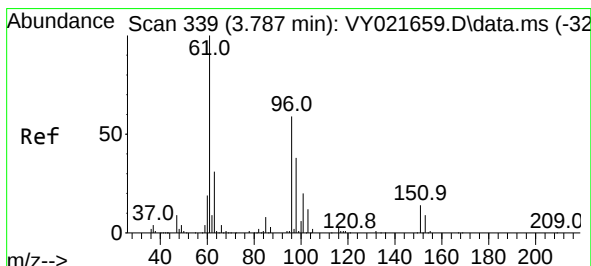
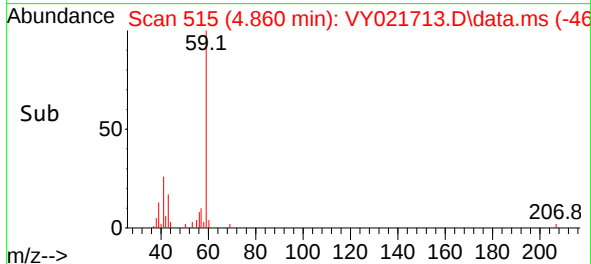
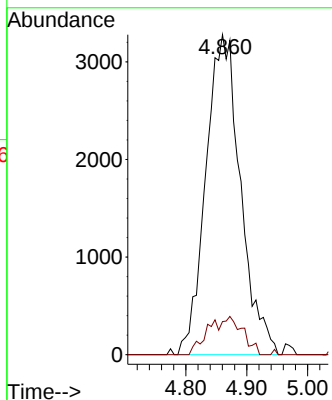
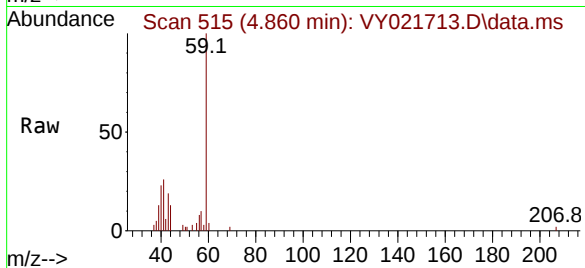




#11
Tert butyl alcohol
Concen: 85.887 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

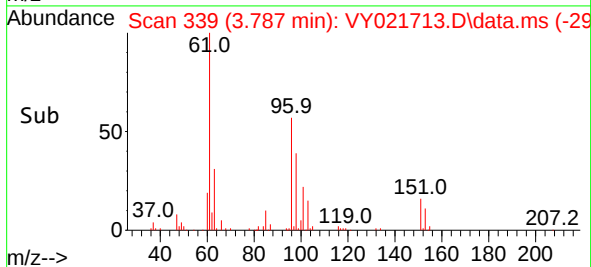
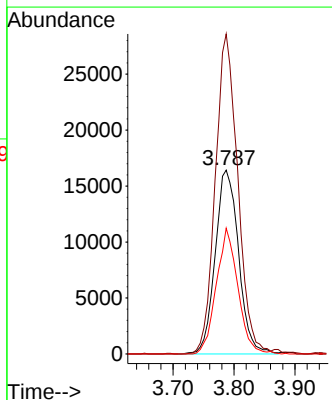
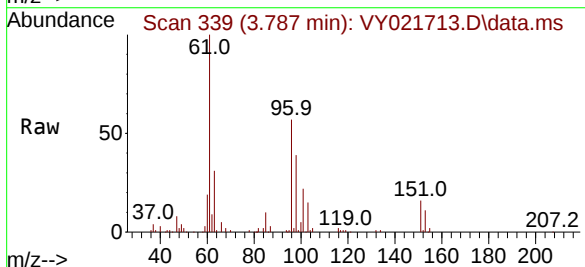
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

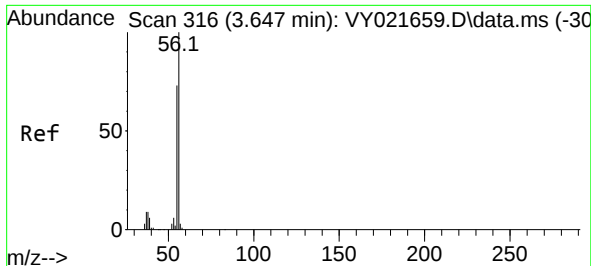
Tgt Ion: 59 Resp: 12945
Ion Ratio Lower Upper
59 100
57 6.2 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 19.512 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 96 Resp: 43832
Ion Ratio Lower Upper
96 100
61 174.1 136.6 204.8
98 68.4 52.3 78.5





#13

Acrolein

Concen: 76.124 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

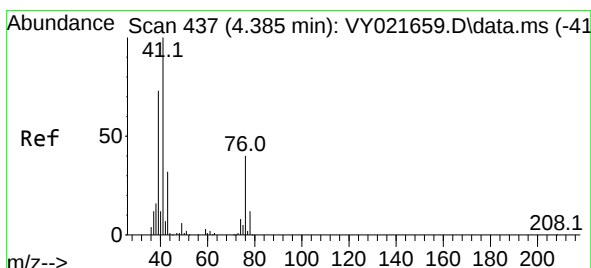
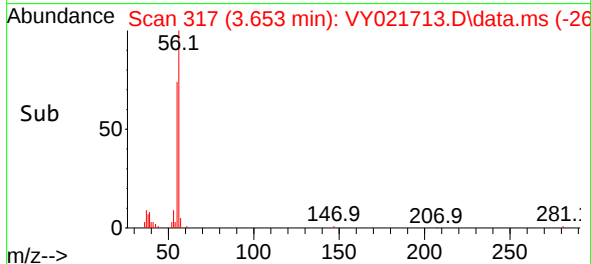
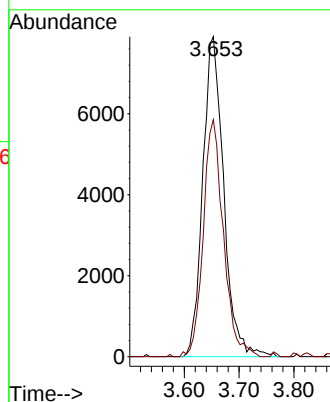
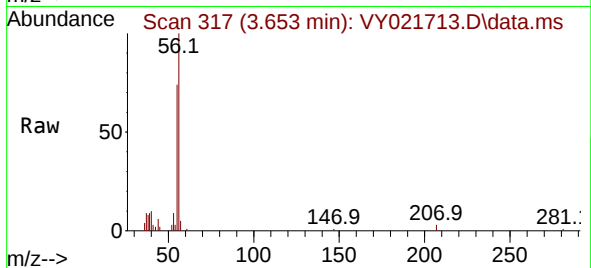
VY0331SBS01

Tgt Ion: 56 Resp: 20950

Ion Ratio Lower Upper

56 100

55 71.2 56.6 85.0



#14

Allyl chloride

Concen: 19.141 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

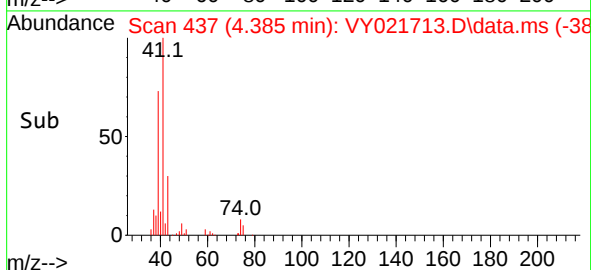
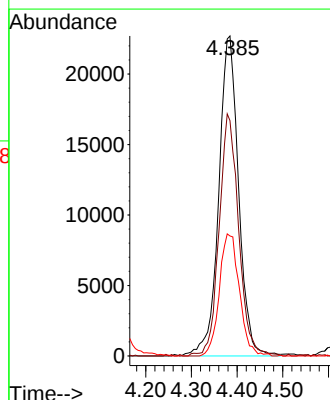
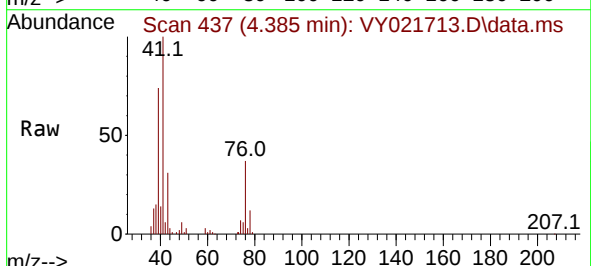
Tgt Ion: 41 Resp: 68559

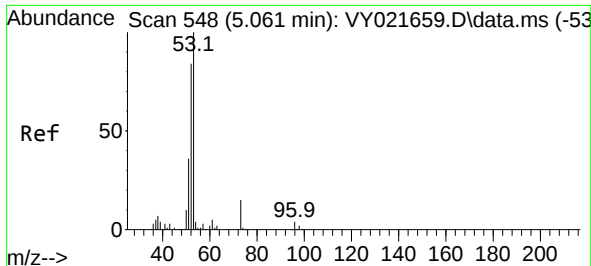
Ion Ratio Lower Upper

41 100

39 74.2 58.6 88.0

76 38.5 30.3 45.5

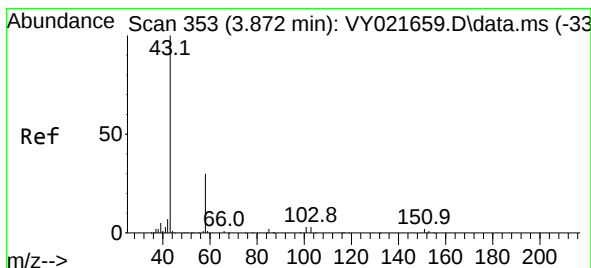
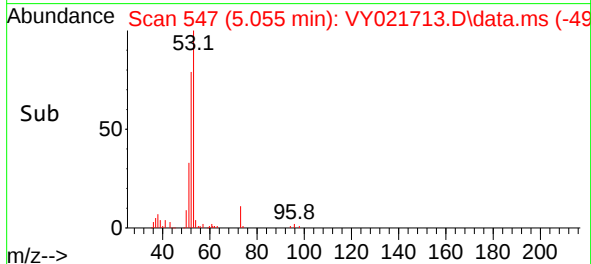
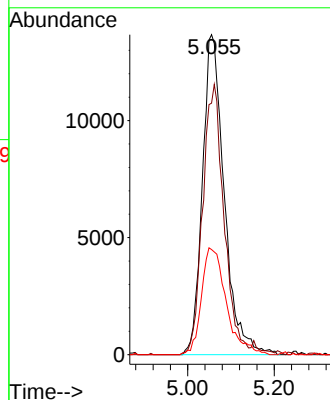
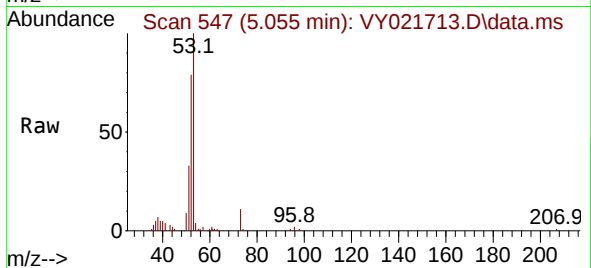




#15
Acrylonitrile
Concen: 93.401 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

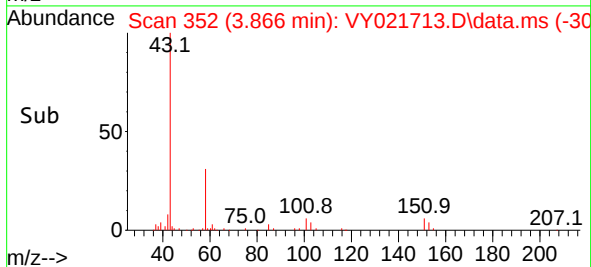
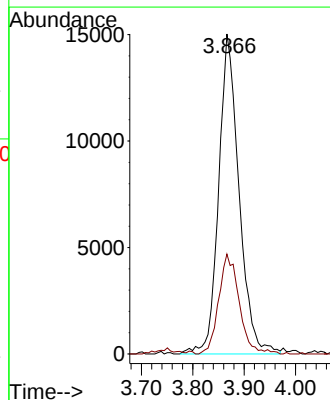
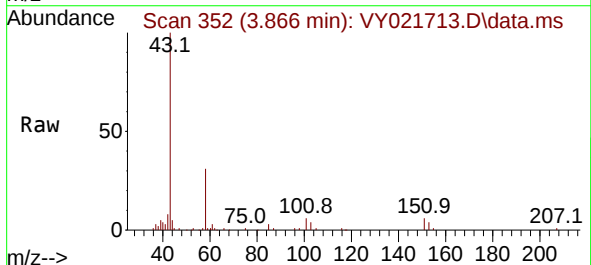
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

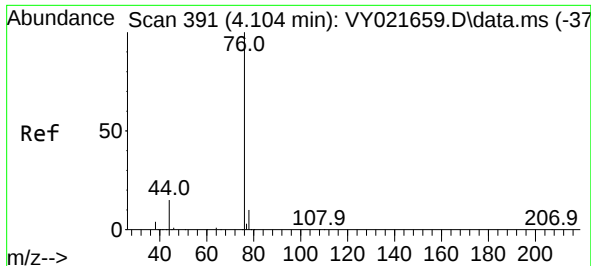
Tgt Ion: 53 Resp: 47958
Ion Ratio Lower Upper
53 100
52 81.6 64.9 97.3
51 37.7 30.2 45.2



#16
Acetone
Concen: 87.069 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 43 Resp: 41350
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.4

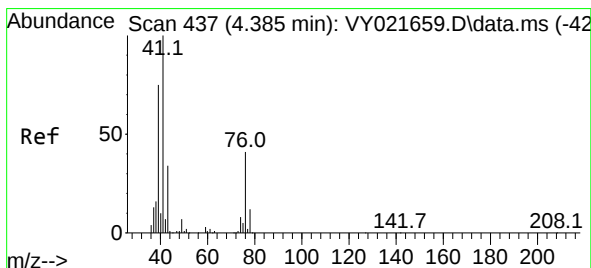
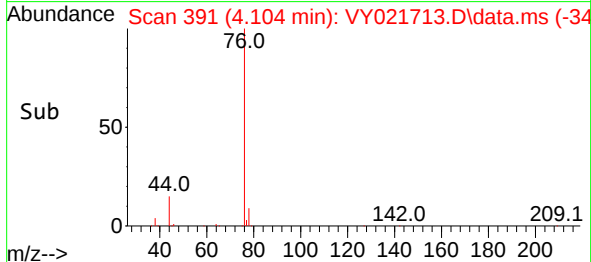
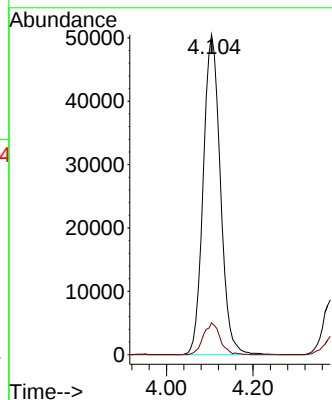
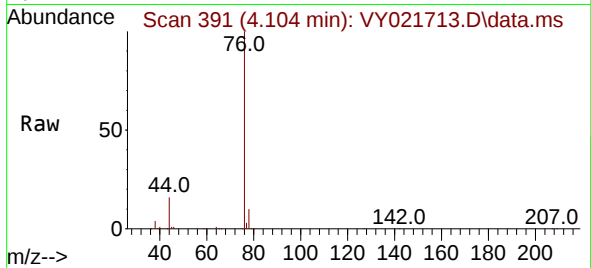




#17
Carbon Disulfide
Concen: 18.751 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

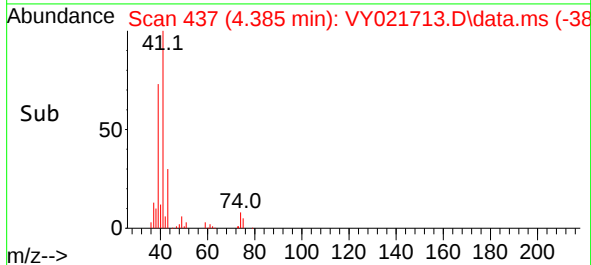
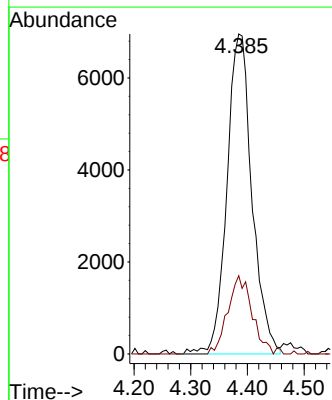
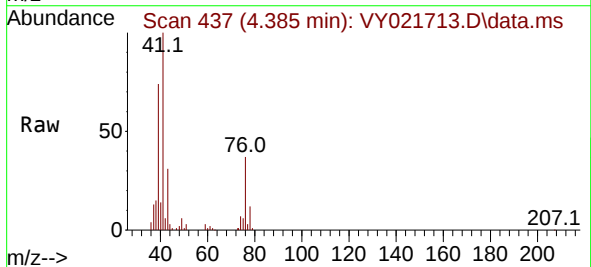
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

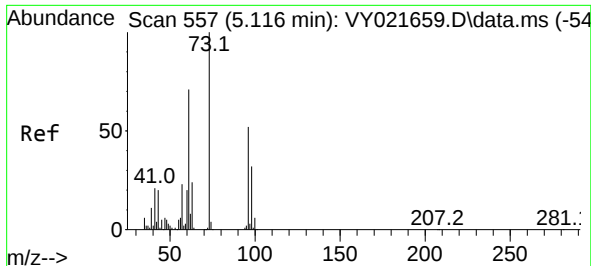
Tgt Ion: 76 Resp: 138743
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 18.130 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 43 Resp: 21339
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7

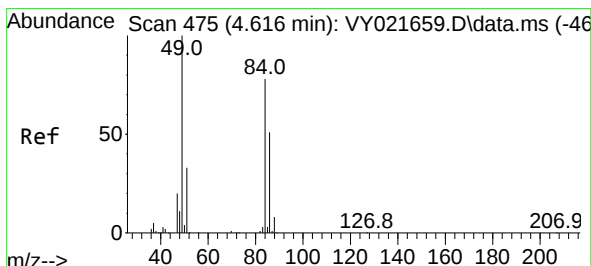
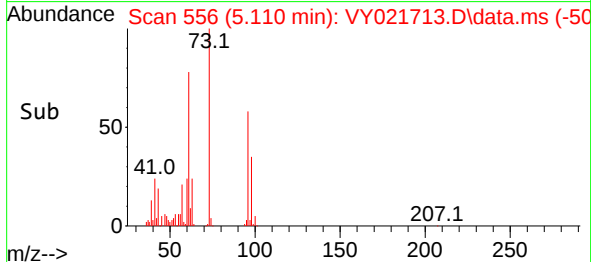
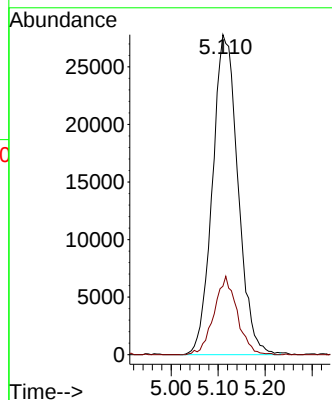
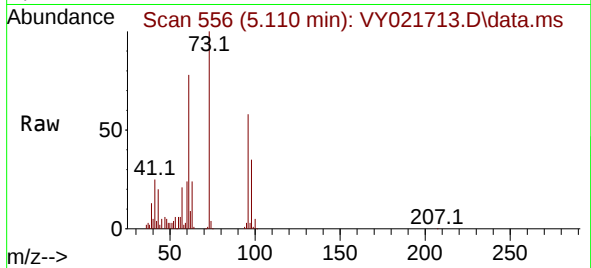




#19
Methyl tert-butyl Ether
Concen: 18.776 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

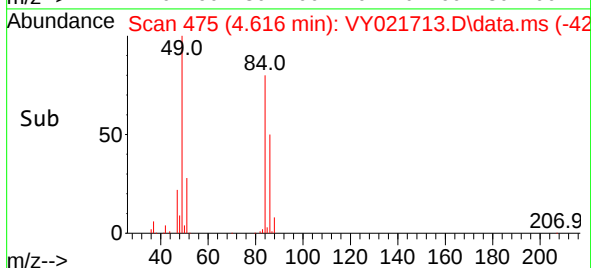
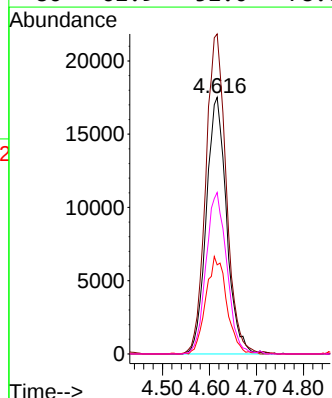
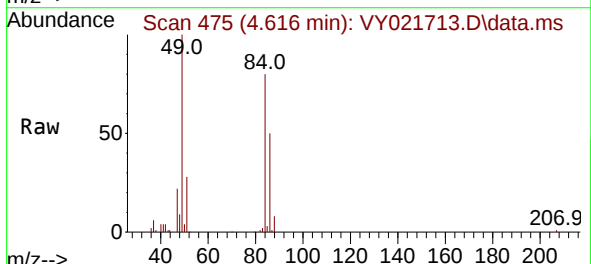
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

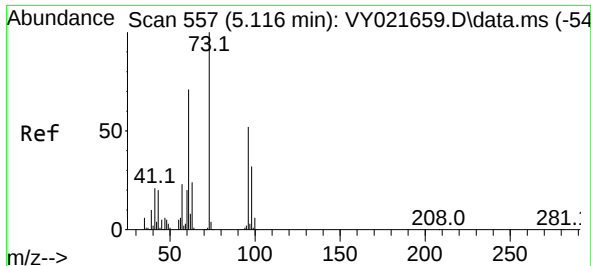
Tgt Ion: 73 Resp: 105013
Ion Ratio Lower Upper
73 100
57 21.4 18.1 27.1



#20
Methylene Chloride
Concen: 20.269 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 84 Resp: 52448
Ion Ratio Lower Upper
84 100
49 124.7 102.8 154.2
51 34.7 33.5 50.3
86 62.9 52.0 78.0

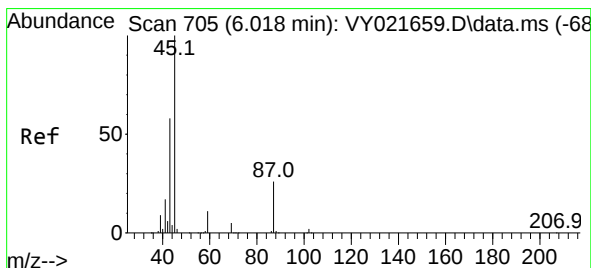
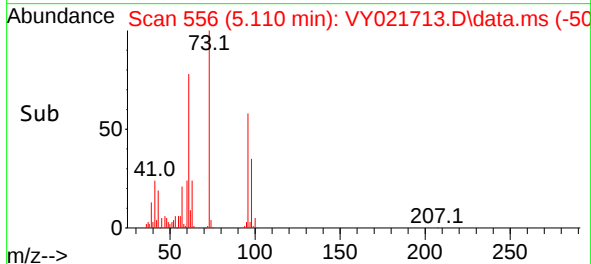
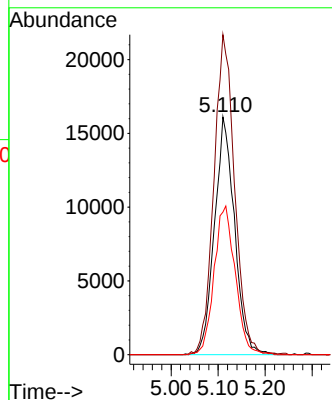
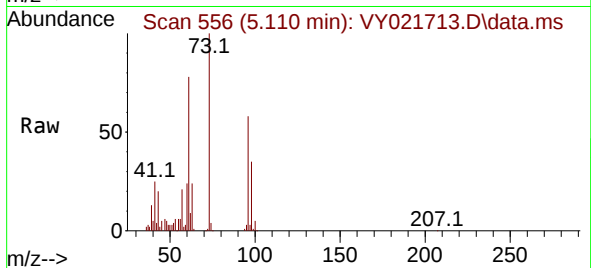




#21
trans-1,2-Dichloroethene
Concen: 19.329 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

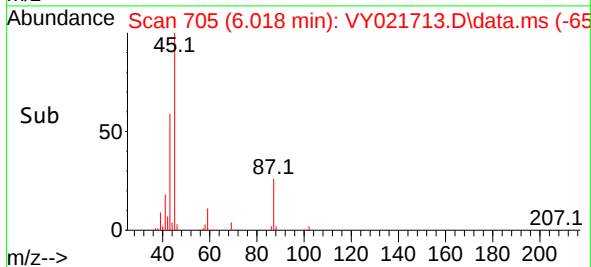
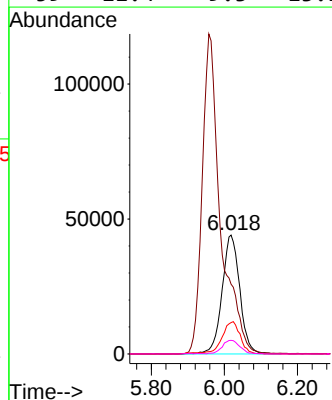
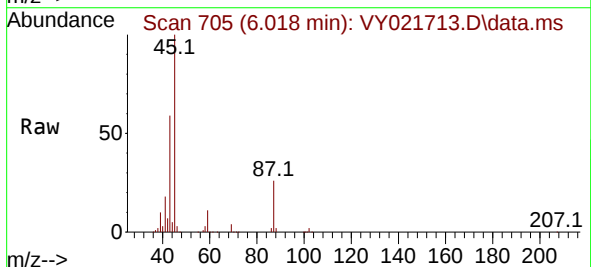
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

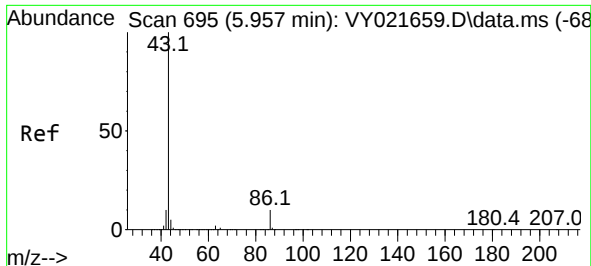
Tgt Ion: 96 Resp: 47808
Ion Ratio Lower Upper
96 100
61 134.6 109.4 164.0
98 60.0 50.2 75.2



#22
Diisopropyl ether
Concen: 19.772 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 45 Resp: 148556
Ion Ratio Lower Upper
45 100
43 58.6 46.6 69.8
87 26.4 20.7 31.1
59 11.4 9.3 13.9

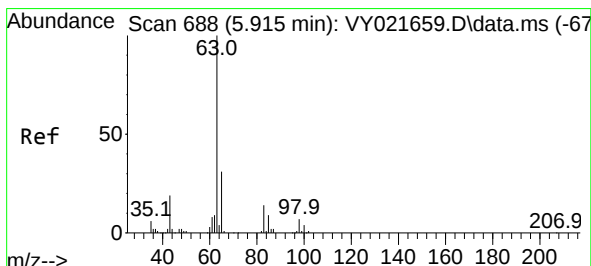
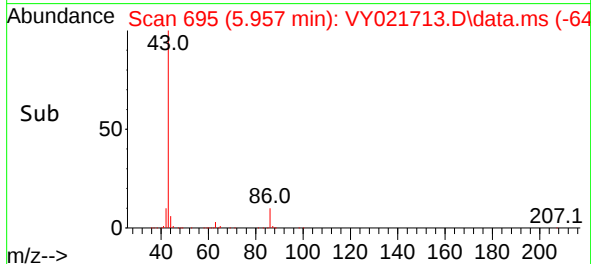
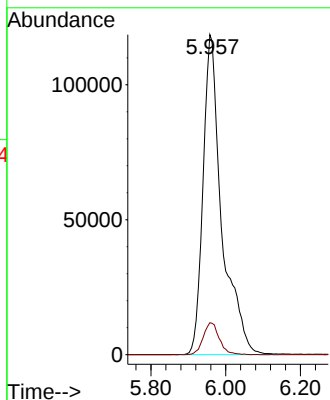
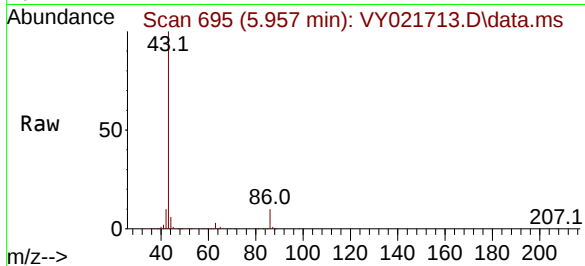




#23
 Vinyl Acetate
 Concen: 93.995 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

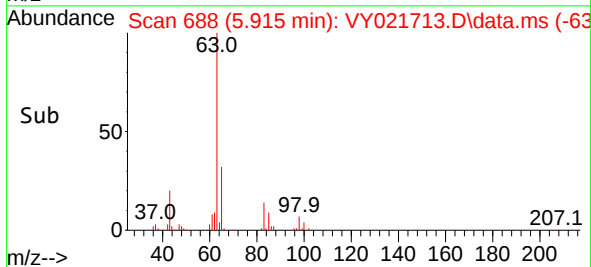
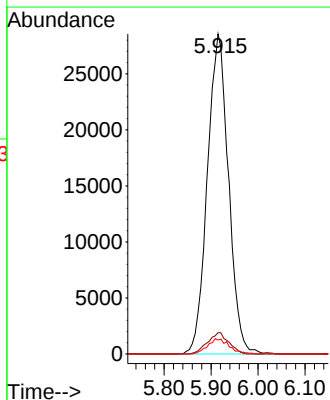
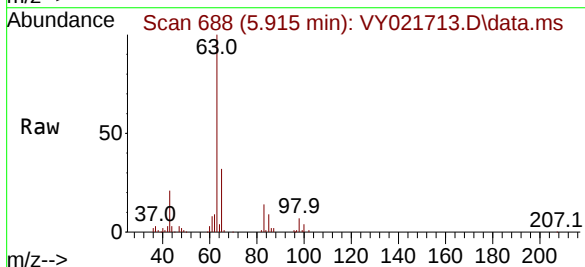
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

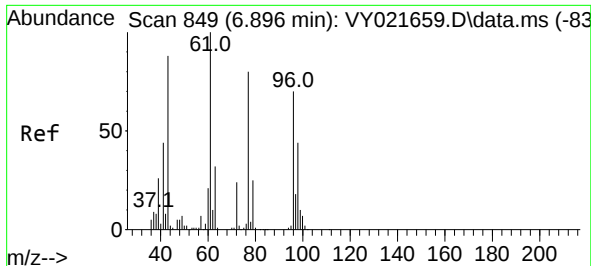
Tgt Ion: 43 Resp: 413157
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.846 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

Tgt Ion: 63 Resp: 89165
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.4 2.2 6.6

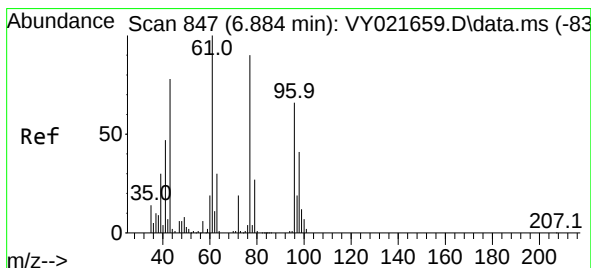
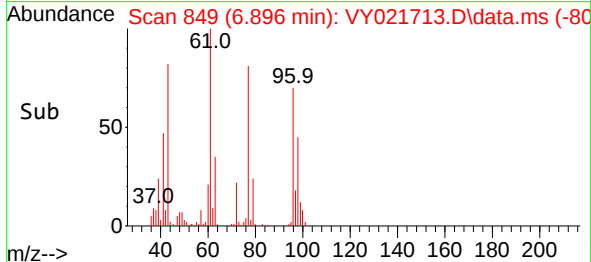
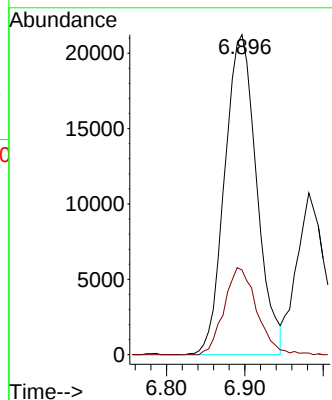
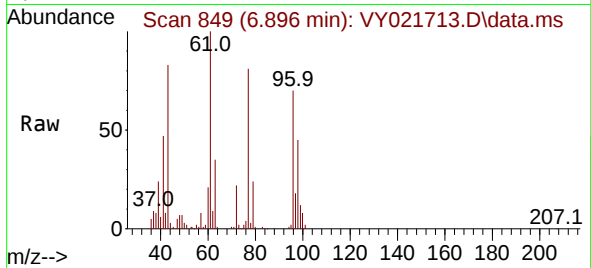




#25
2-Butanone
Concen: 88.813 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

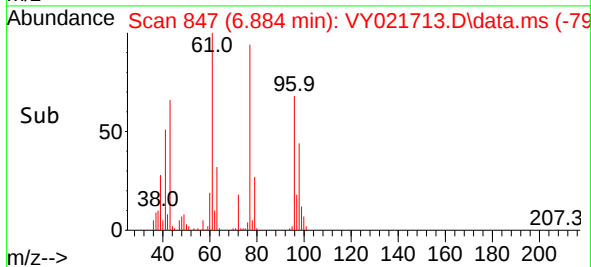
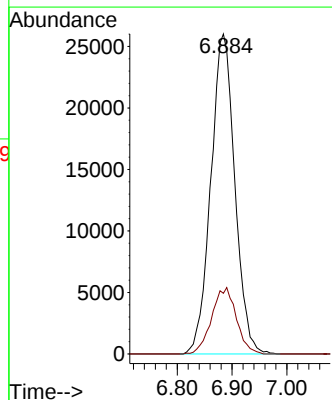
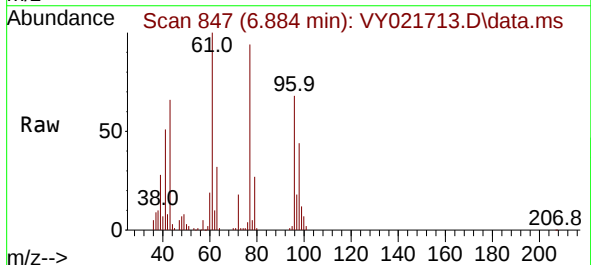
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

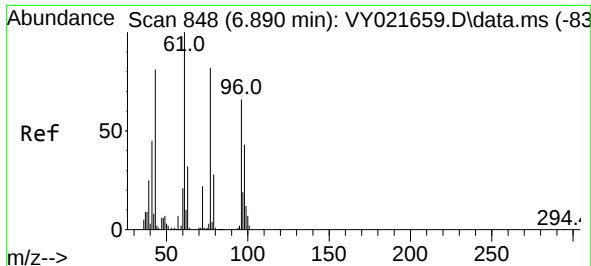
Tgt Ion: 43 Resp: 60244
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.788 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 77 Resp: 79081
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.928 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

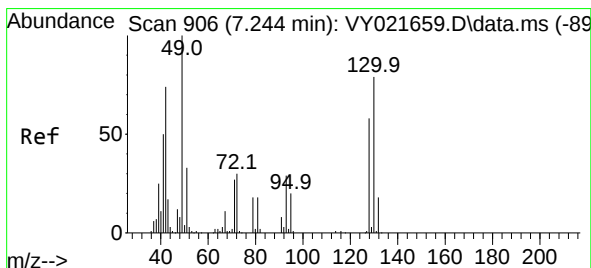
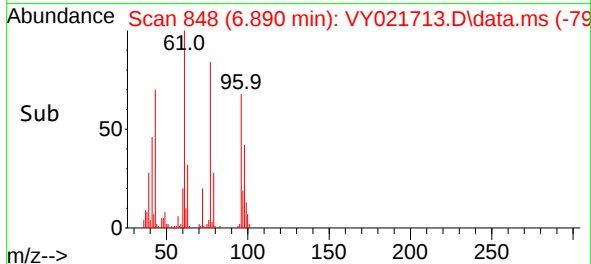
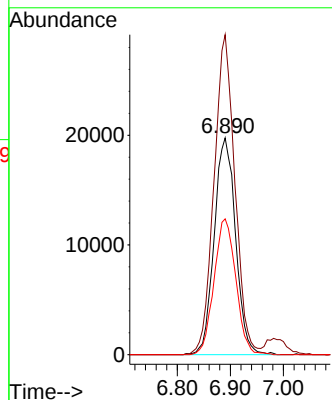
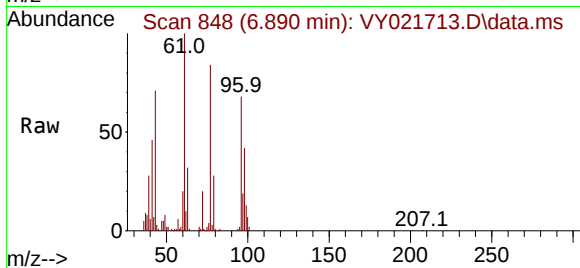
Tgt Ion: 96 Resp: 55430

Ion Ratio Lower Upper

96 100

61 144.0 0.0 296.4

98 63.8 0.0 128.0



#28

Bromochloromethane

Concen: 20.041 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

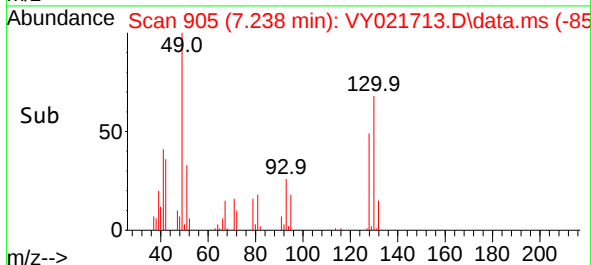
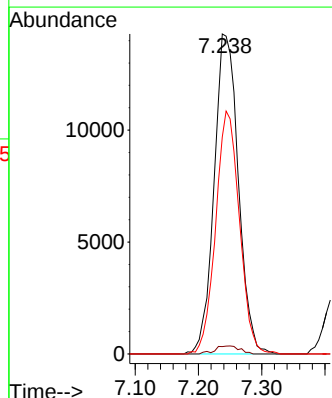
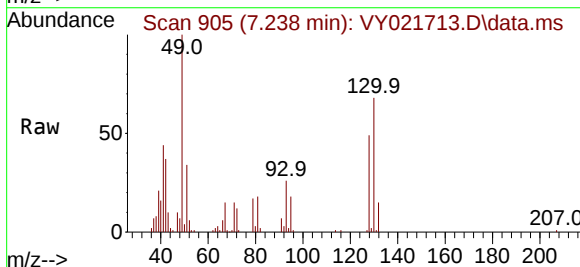
Tgt Ion: 49 Resp: 37974

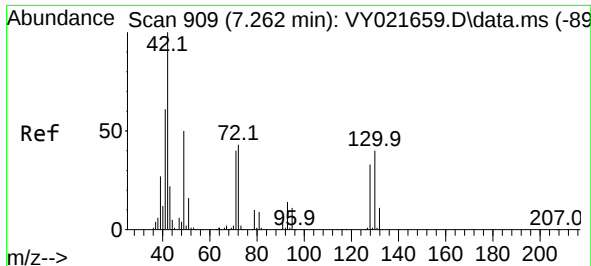
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.4

130 74.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 87.740 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

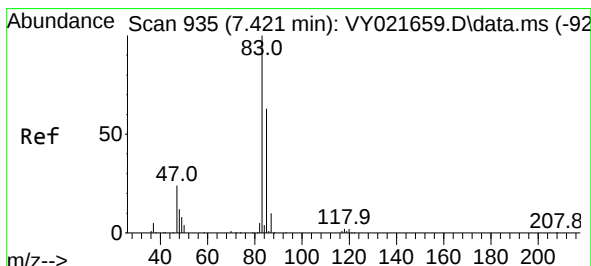
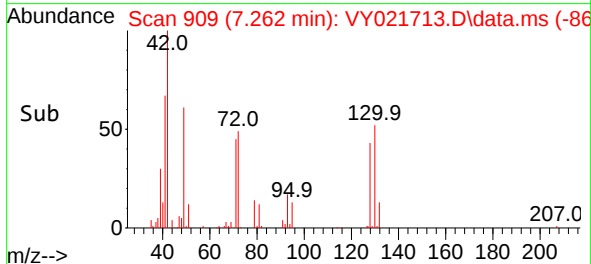
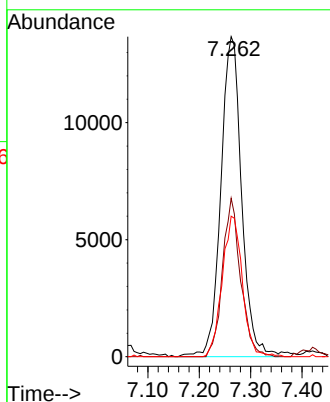
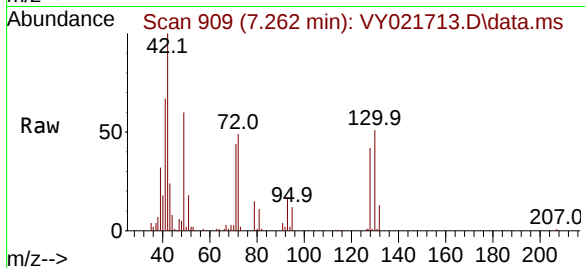
Tgt Ion: 42 Resp: 38304

Ion Ratio Lower Upper

42 100

72 43.2 34.6 52.0

71 42.8 32.5 48.7



#30

Chloroform

Concen: 19.923 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021713.D

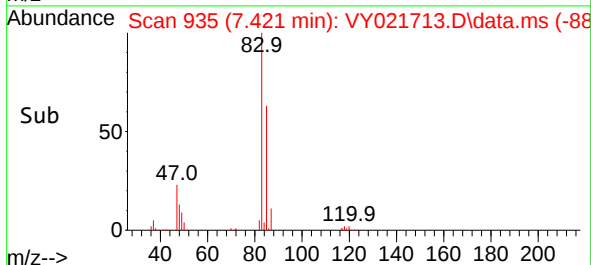
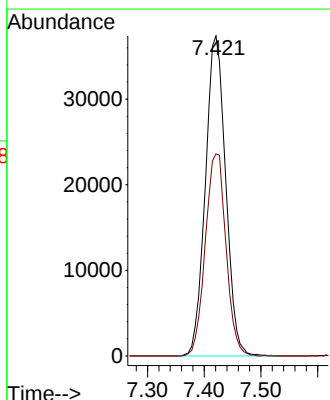
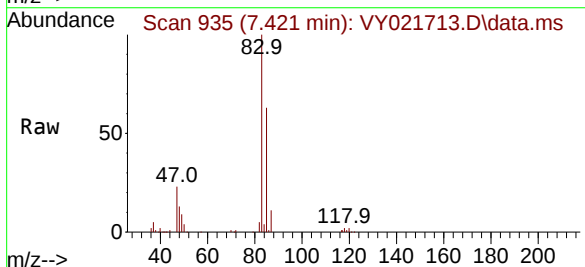
Acq: 31 Mar 2025 12:06

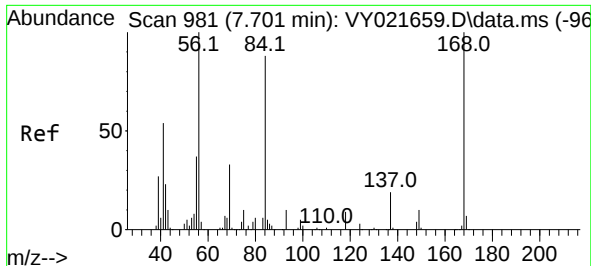
Tgt Ion: 83 Resp: 93099

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

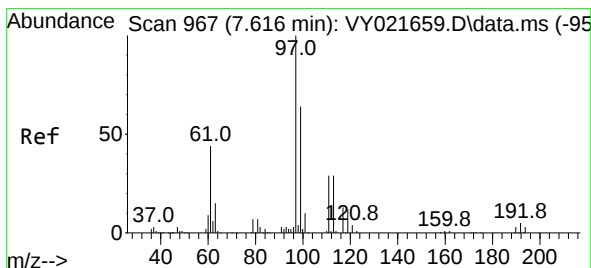
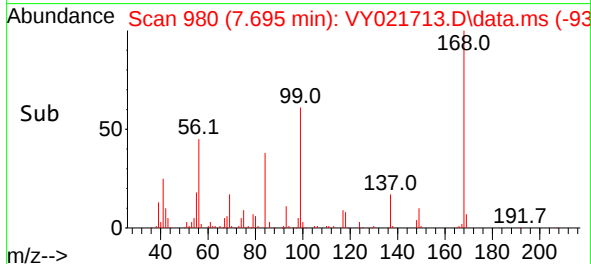
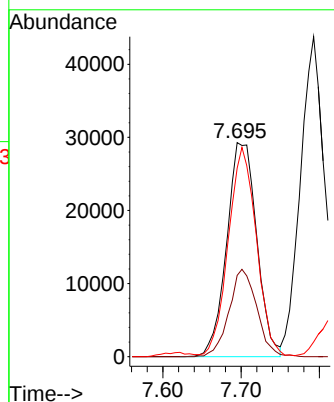
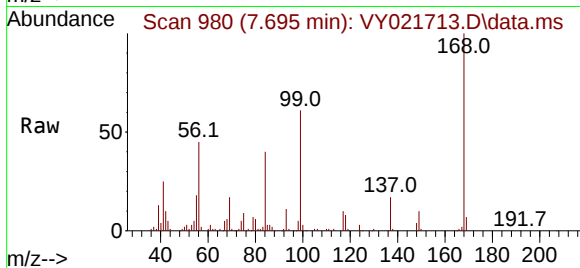




#31
Cyclohexane
Concen: 19.072 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

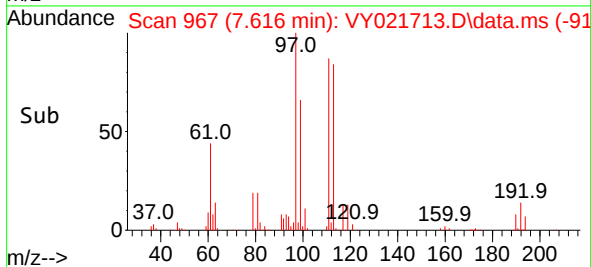
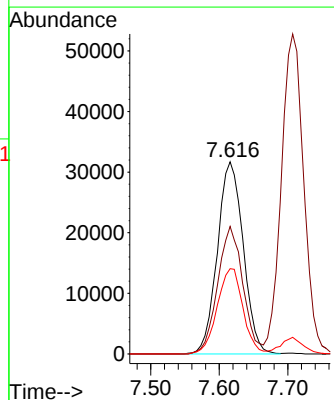
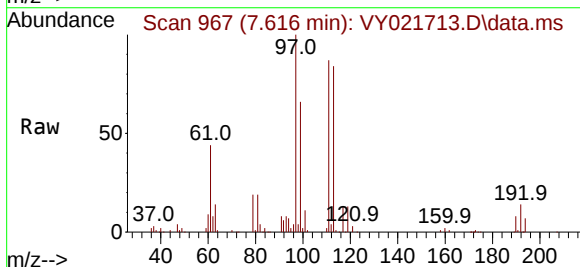
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

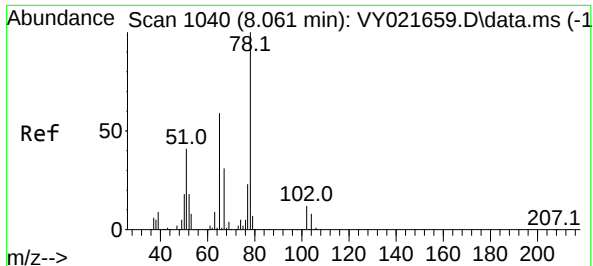
Tgt Ion: 56 Resp: 78108
Ion Ratio Lower Upper
56 100
69 38.0 26.6 40.0
84 86.1 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.646 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 97 Resp: 82975
Ion Ratio Lower Upper
97 100
99 65.1 50.7 76.1
61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.291 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

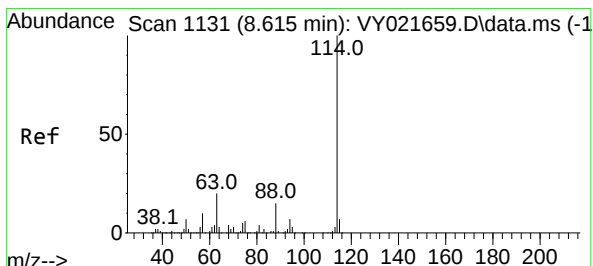
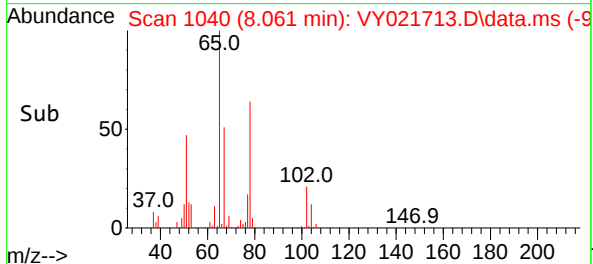
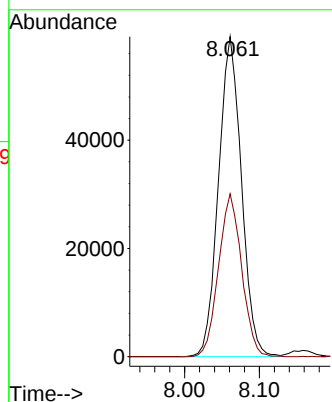
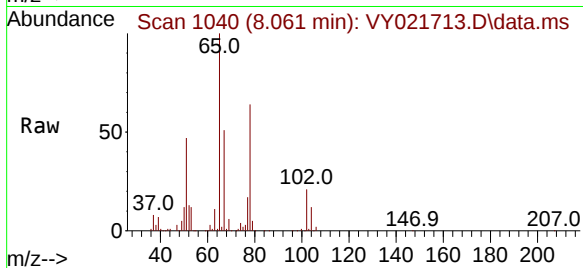
VY0331SBS01

Tgt Ion: 65 Resp: 125981

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

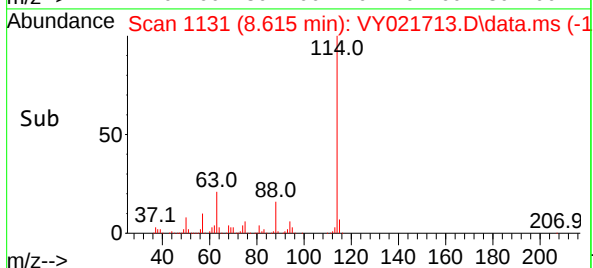
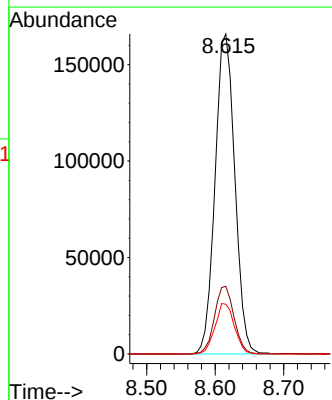
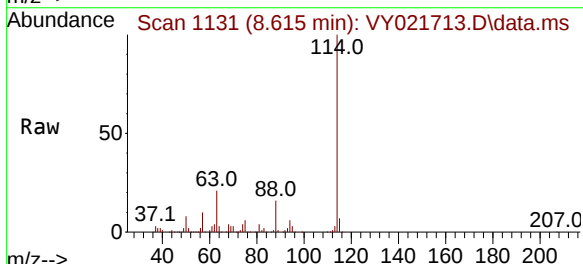
Tgt Ion: 114 Resp: 331290

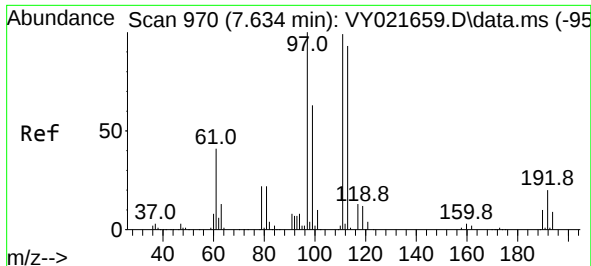
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.5 0.0 29.8

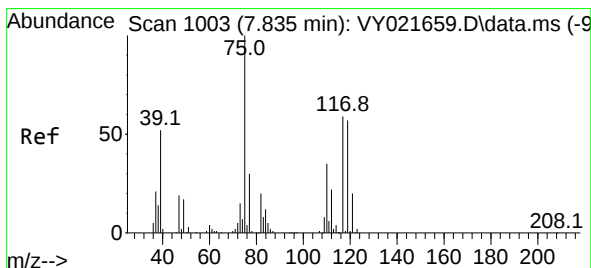
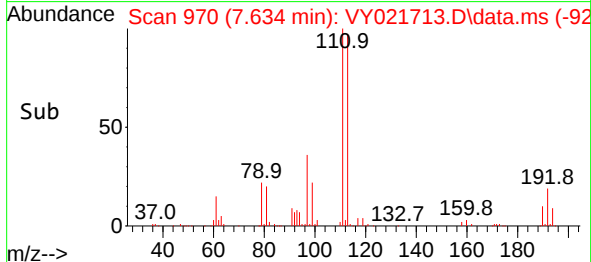
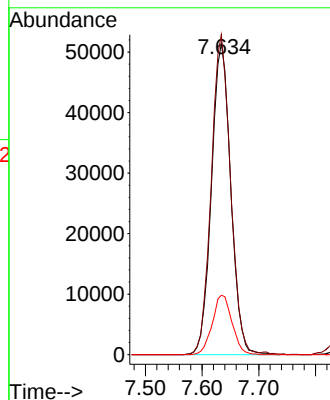
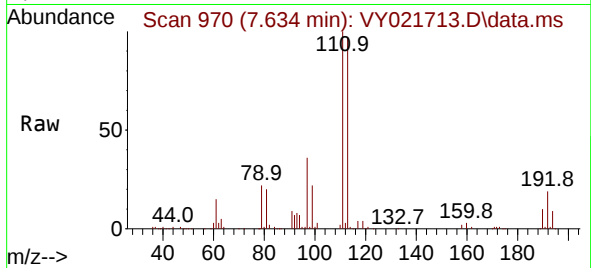




#35
Dibromofluoromethane
Concen: 56.452 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

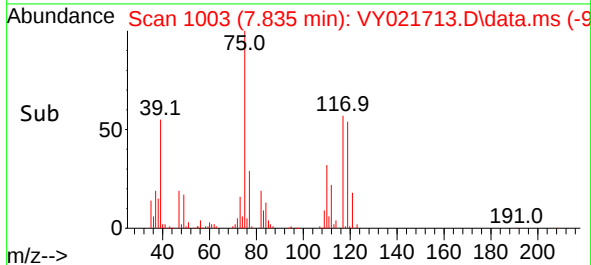
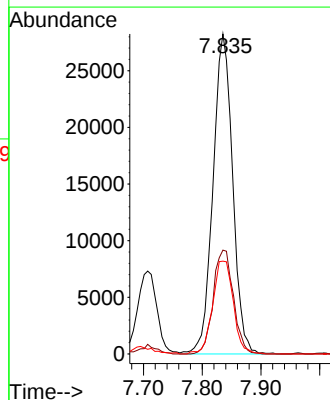
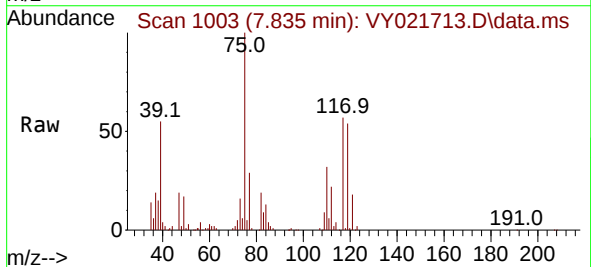
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

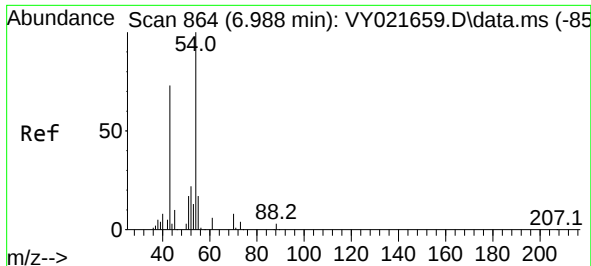
Tgt Ion:113 Resp: 121317
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.6 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.035 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 75 Resp: 65580
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 30.5 24.8 37.2

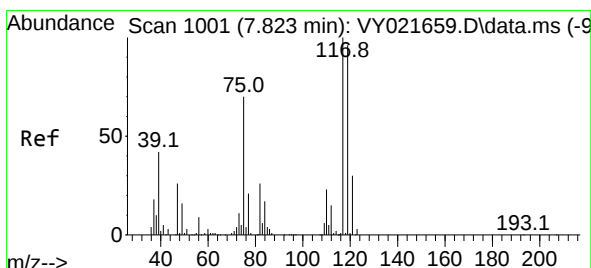
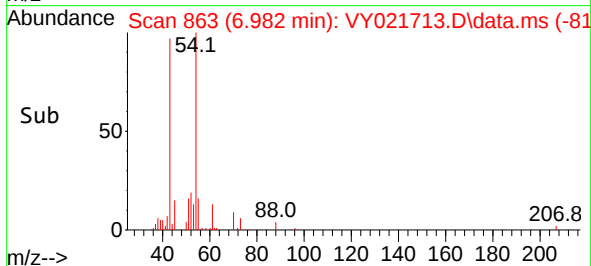
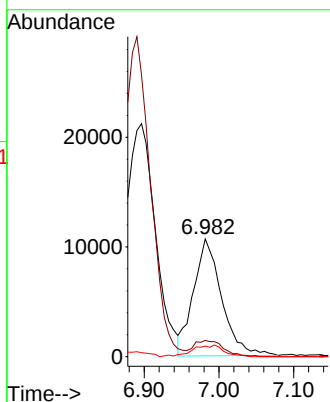
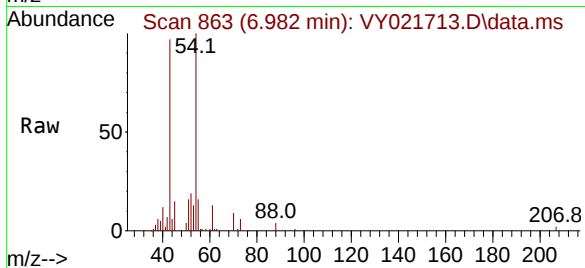




#37
Ethyl Acetate
Concen: 18.055 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

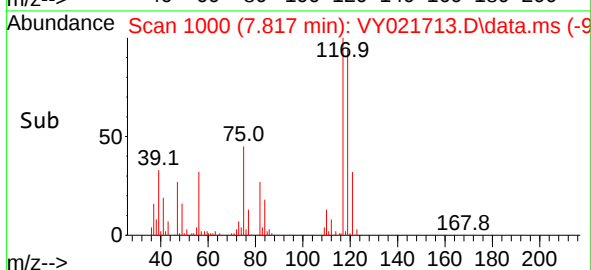
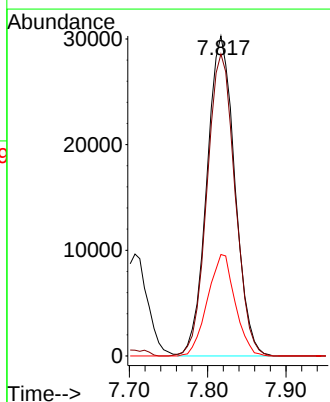
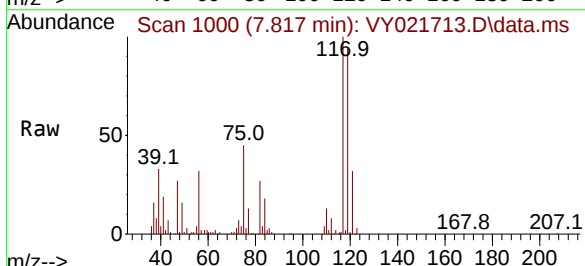
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

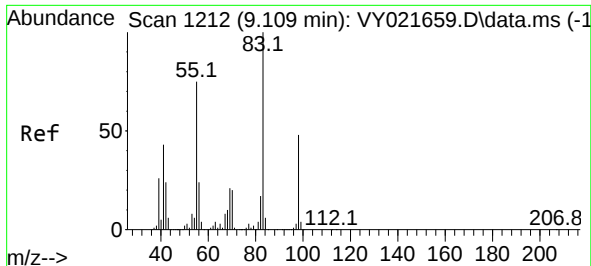
Tgt Ion: 43 Resp: 27891
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.6
70 11.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.990 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 117 Resp: 74942
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4
121 31.7 24.2 36.4





#39

Methylcyclohexane

Concen: 19.480 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

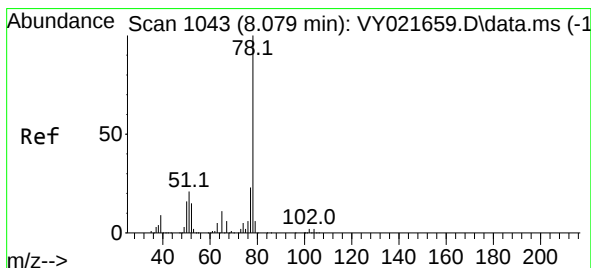
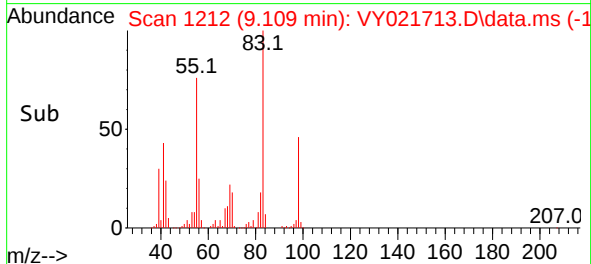
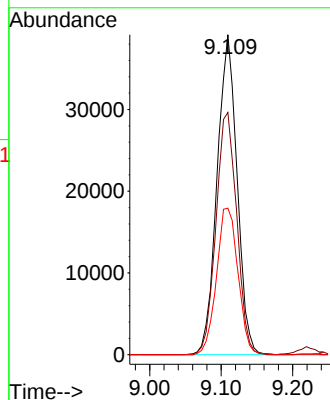
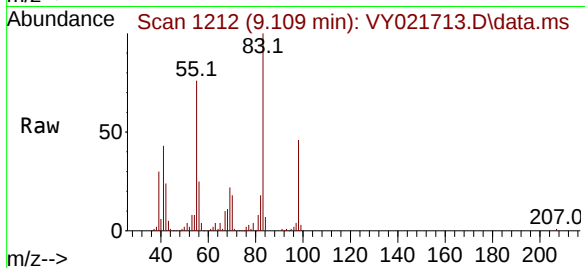
Tgt Ion: 83 Resp: 76173

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 45.8 38.3 57.5



#40

Benzene

Concen: 19.974 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021713.D

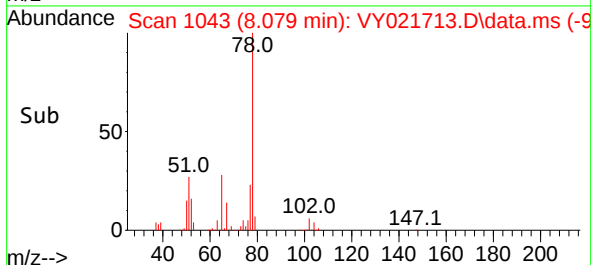
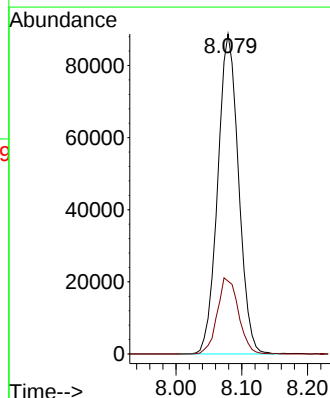
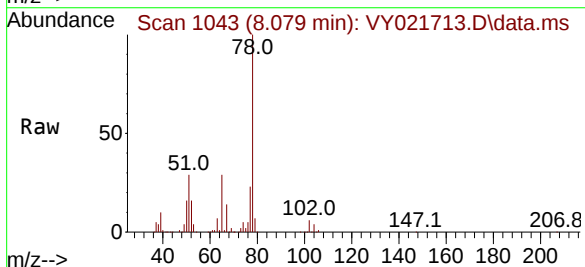
Acq: 31 Mar 2025 12:06

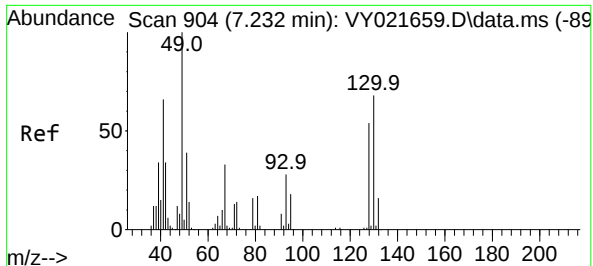
Tgt Ion: 78 Resp: 195801

Ion Ratio Lower Upper

78 100

77 22.8 18.8 28.2

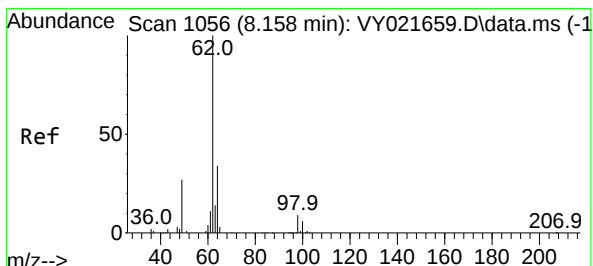
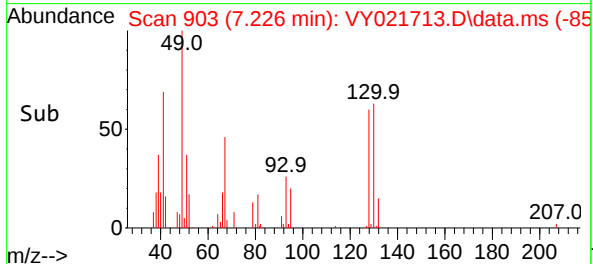
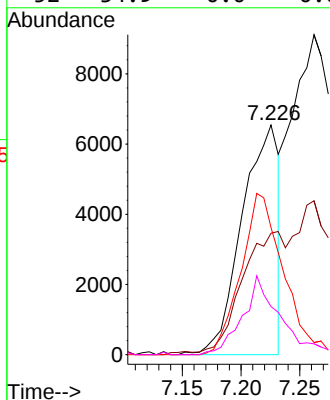
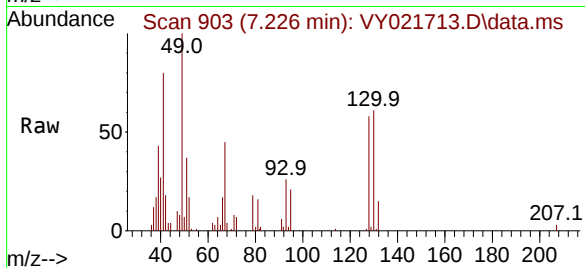




#41
Methacrylonitrile
Concen: 17.368 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

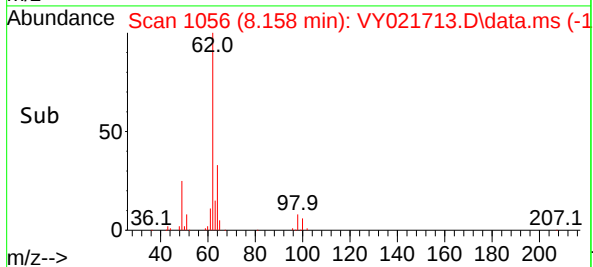
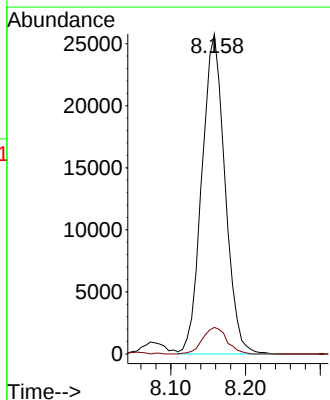
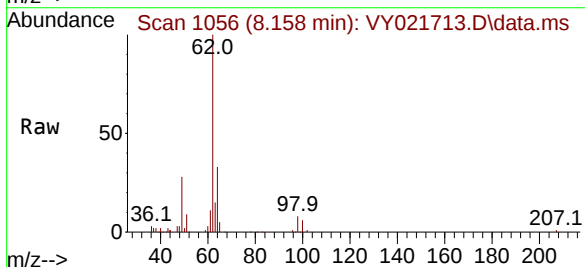
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

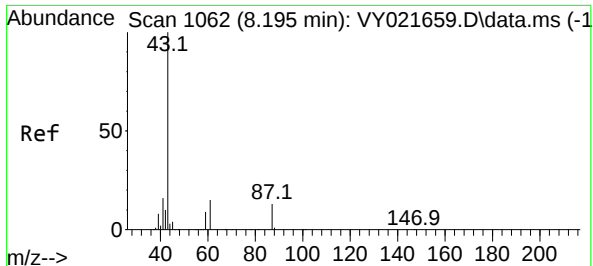
Tgt Ion:	41	Resp:	14249
Ion	Ratio	Lower	Upper
41	100		
39	63.8	0.0	0.0#
67	81.4	0.0	0.0#
52	34.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 20.076 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion:	62	Resp:	55480
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4

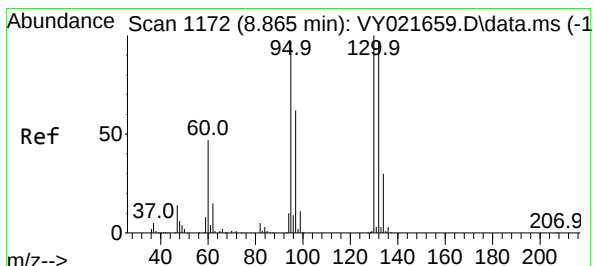
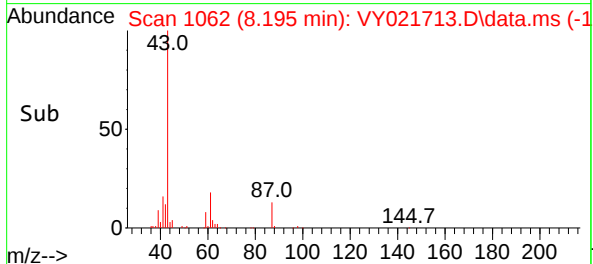
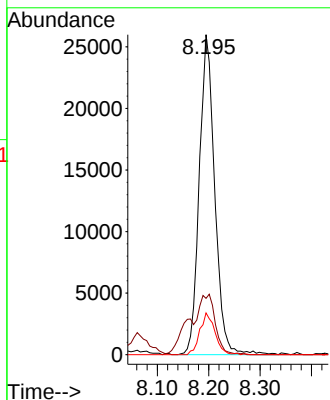
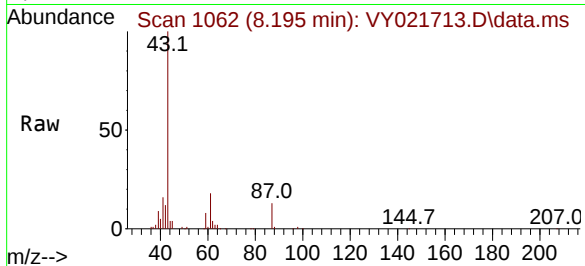




#43
Isopropyl Acetate
Concen: 18.584 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

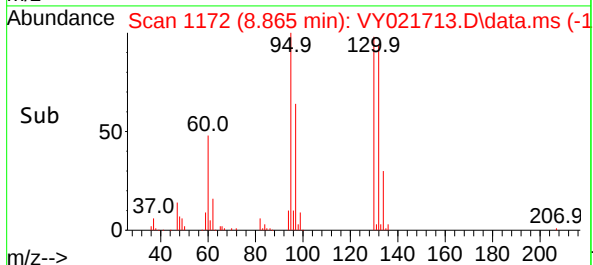
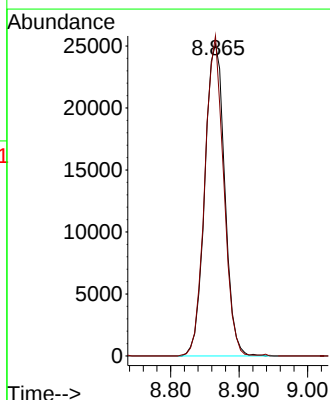
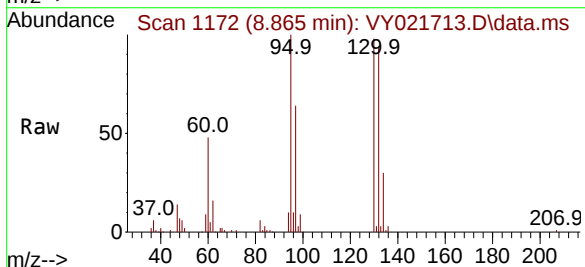
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

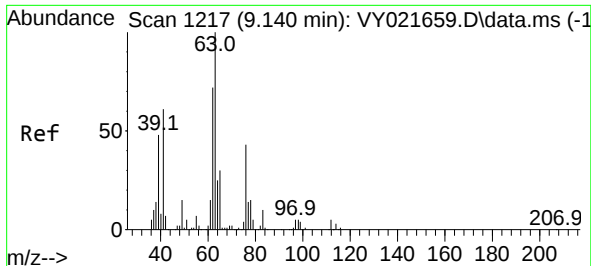
Tgt Ion: 43 Resp: 54406
Ion Ratio Lower Upper
43 100
61 20.7 15.9 23.9
87 12.7 10.4 15.6



#44
Trichloroethene
Concen: 20.283 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 130 Resp: 50660
Ion Ratio Lower Upper
130 100
95 102.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.041 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

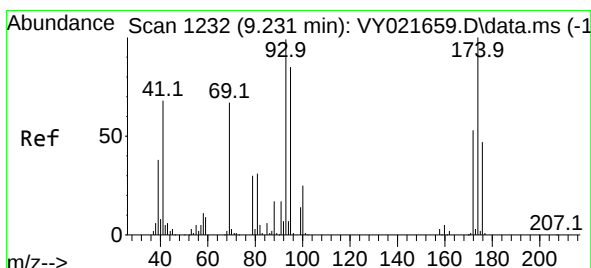
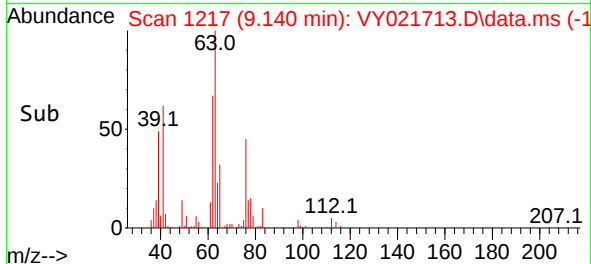
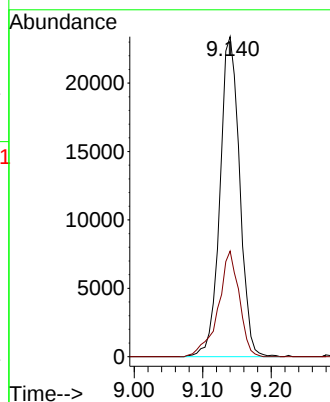
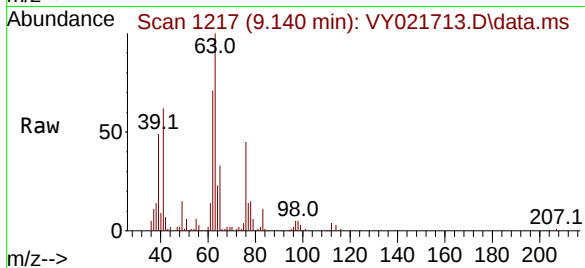
VY0331SBSD01

Tgt Ion: 63 Resp: 46503

Ion Ratio Lower Upper

63 100

65 33.0 24.4 36.6



#46

Dibromomethane

Concen: 19.846 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

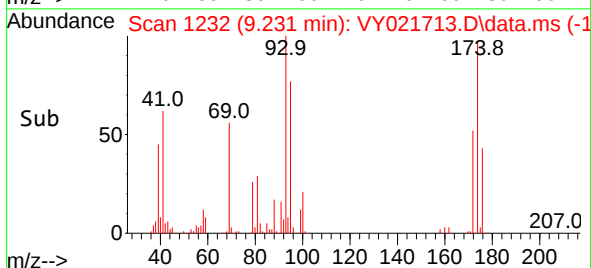
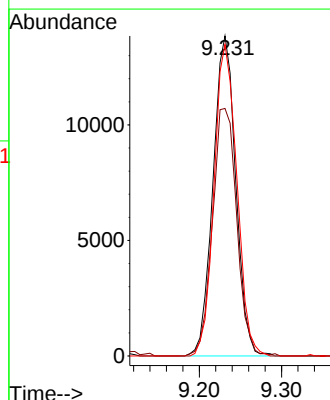
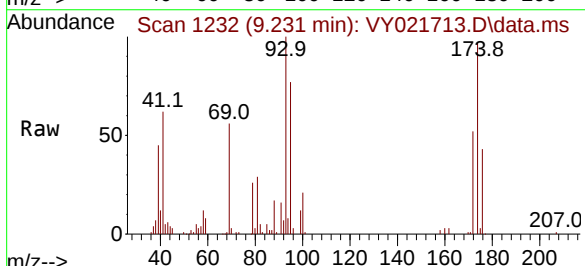
Tgt Ion: 93 Resp: 26540

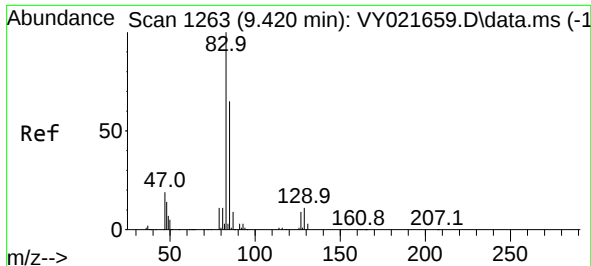
Ion Ratio Lower Upper

93 100

95 82.7 68.1 102.1

174 97.5 80.9 121.3

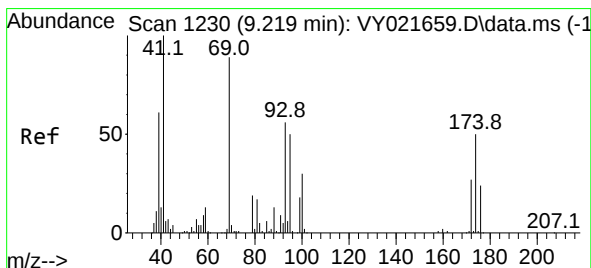
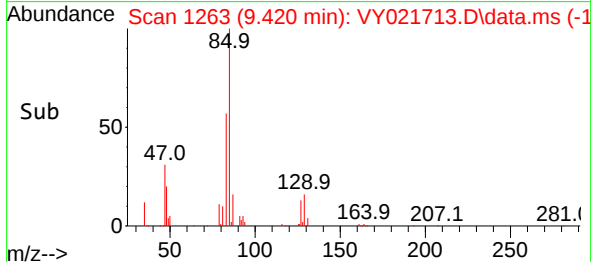
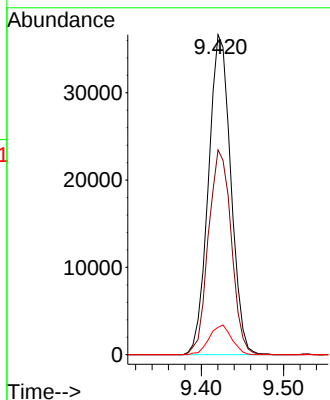
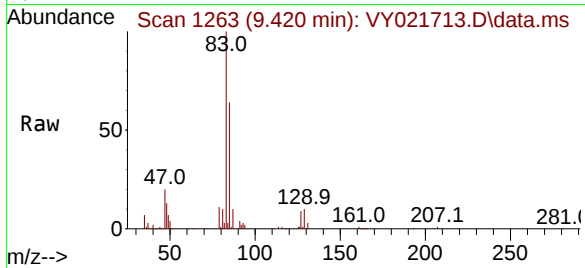




#47
Bromodichloromethane
Concen: 20.032 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

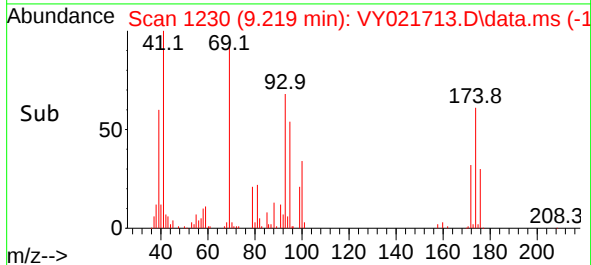
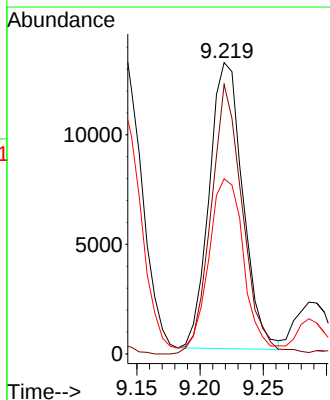
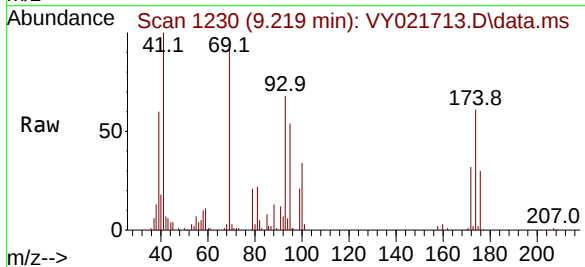
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

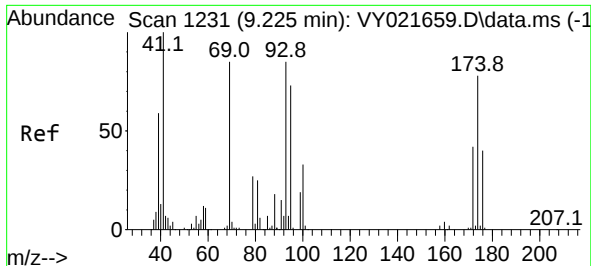
Tgt Ion: 83 Resp: 69415
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 17.997 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 41 Resp: 24181
Ion Ratio Lower Upper
41 100
69 88.5 69.8 104.8
39 60.4 47.2 70.8

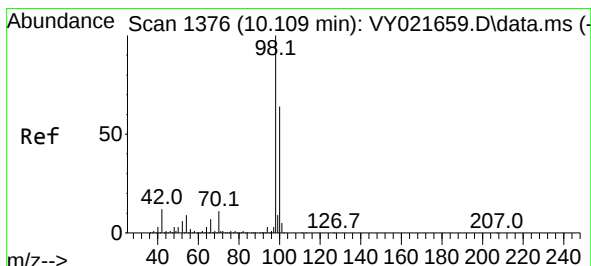
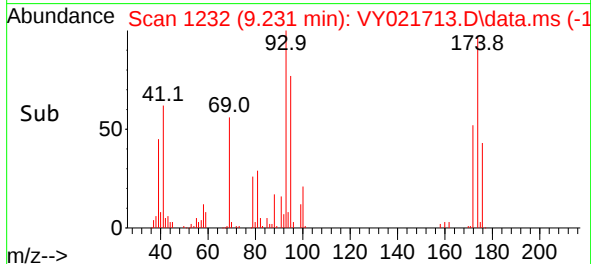
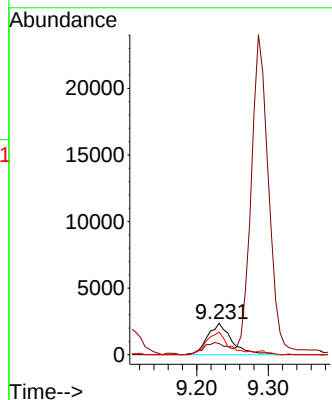
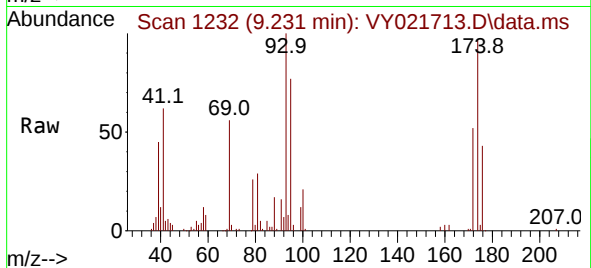




#49
1,4-Dioxane
Concen: 387.486 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

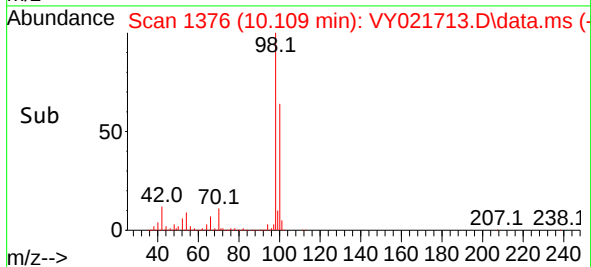
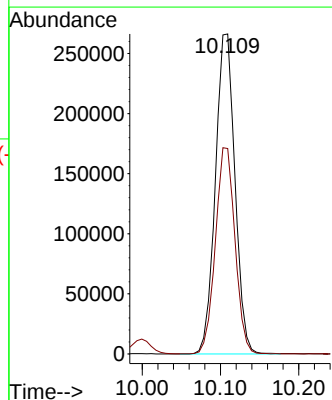
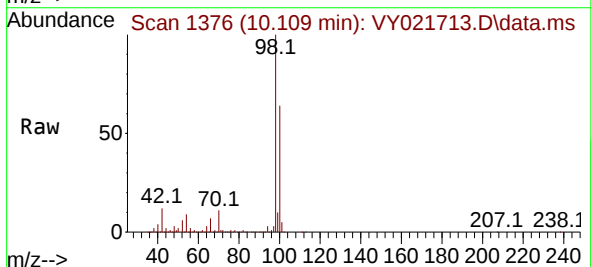
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

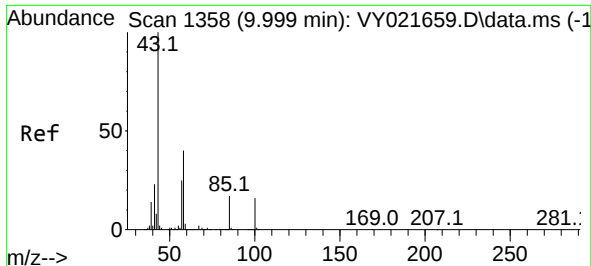
Tgt Ion: 88 Resp: 5551
Ion Ratio Lower Upper
88 100
43 37.4 28.8 43.2
58 66.4 59.4 89.2



#50
Toluene-d8
Concen: 56.601 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 98 Resp: 462747
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

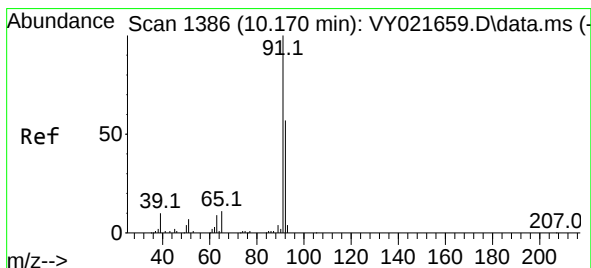
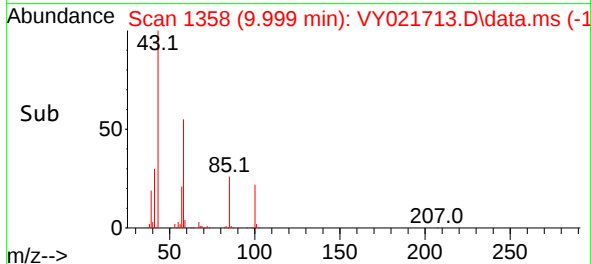
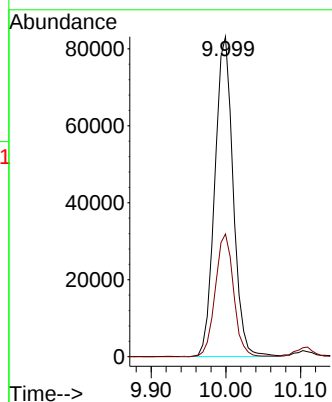
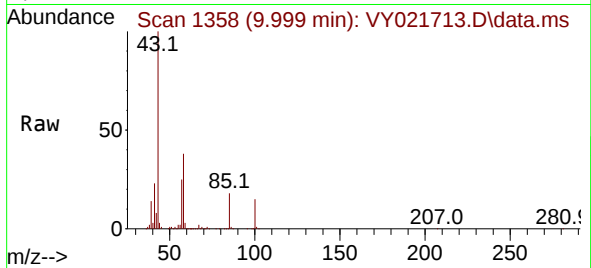




#51
4-Methyl-2-Pentanone
Concen: 92.710 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

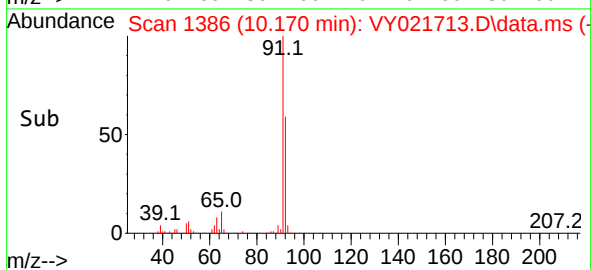
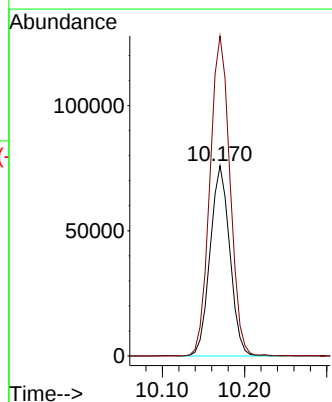
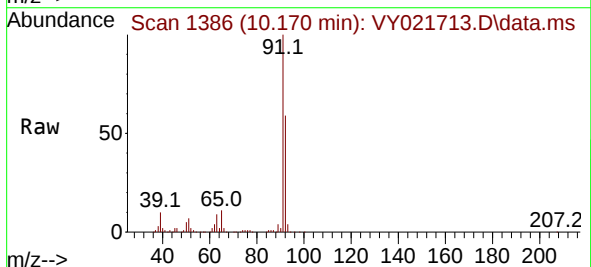
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

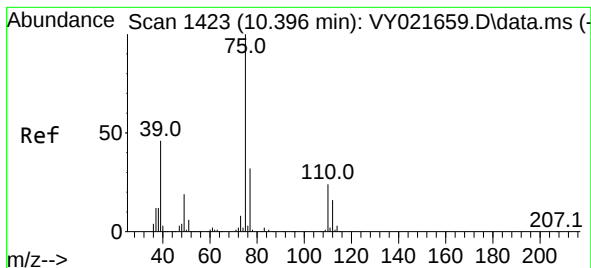
Tgt Ion: 43 Resp: 141241
Ion Ratio Lower Upper
43 100
58 38.5 31.5 47.3



#52
Toluene
Concen: 20.600 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 92 Resp: 125988
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

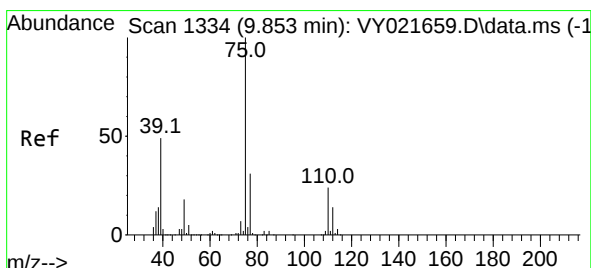
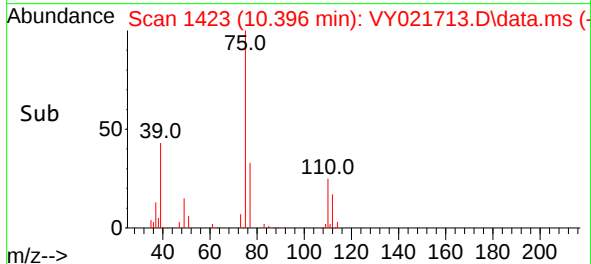
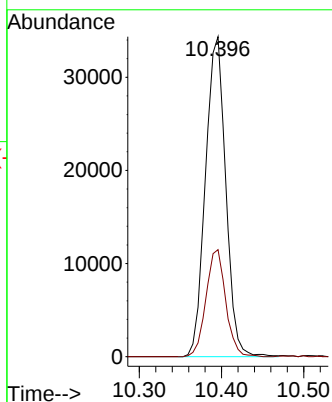
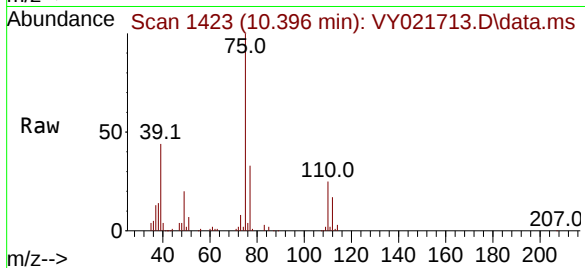




#53
t-1,3-Dichloropropene
Concen: 19.136 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

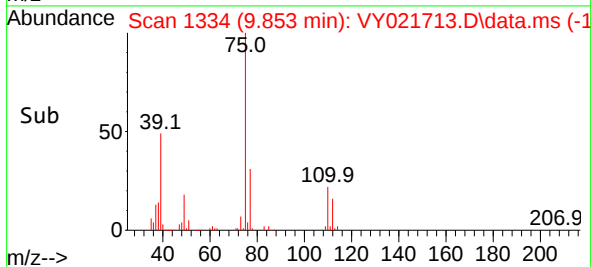
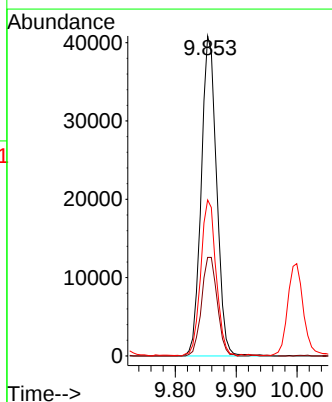
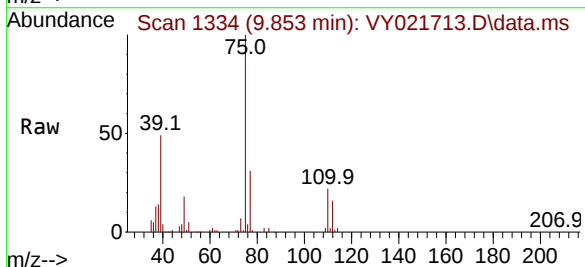
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

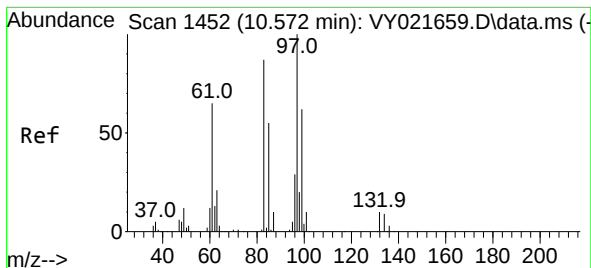
Tgt Ion: 75 Resp: 58898
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.749 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 75 Resp: 71708
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 48.5 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.160 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tgt Ion: 97 Resp: 34693

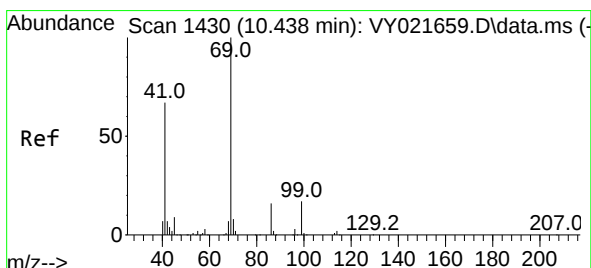
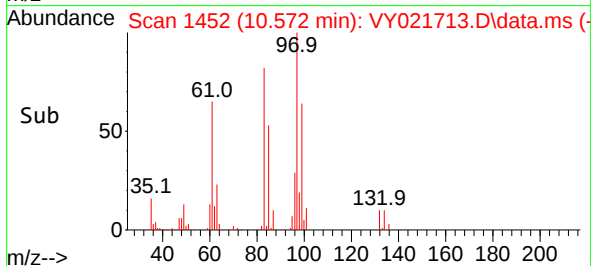
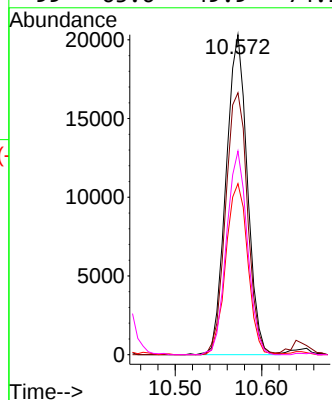
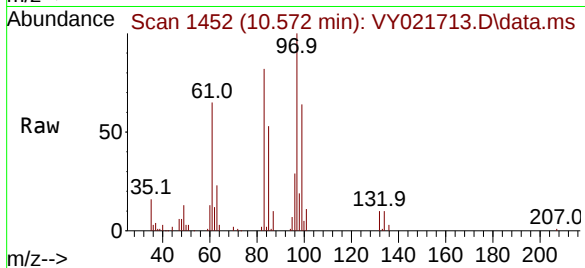
Ion Ratio Lower Upper

97 100

83 81.9 69.5 104.3

85 53.4 43.9 65.9

99 63.6 49.9 74.9



#56

Ethyl methacrylate

Concen: 18.559 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

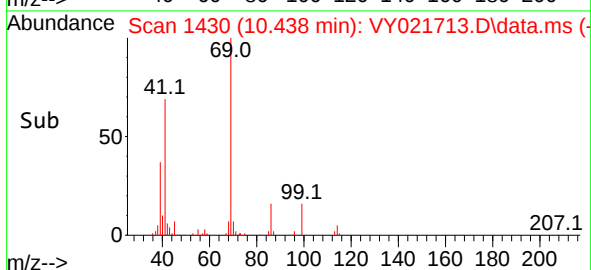
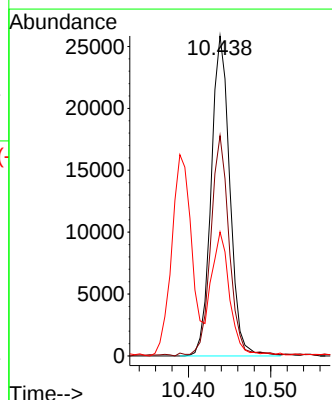
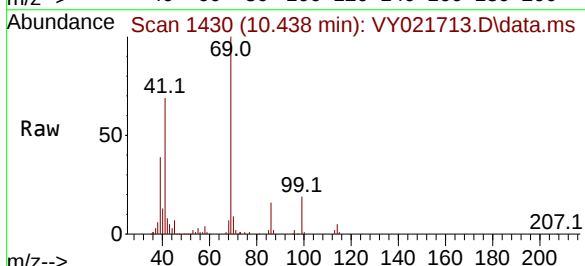
Tgt Ion: 69 Resp: 40781

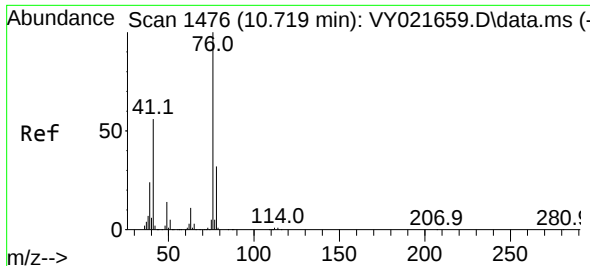
Ion Ratio Lower Upper

69 100

41 68.5 53.8 80.6

39 37.0 29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.751 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

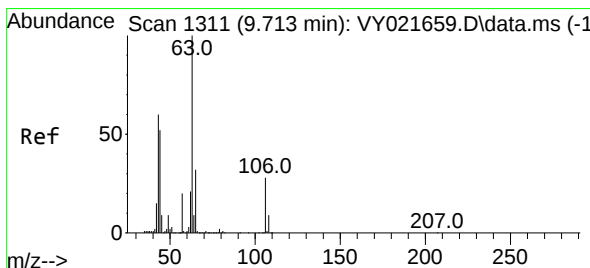
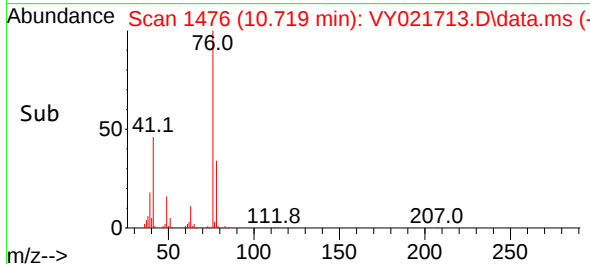
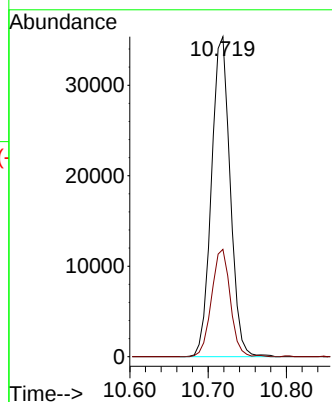
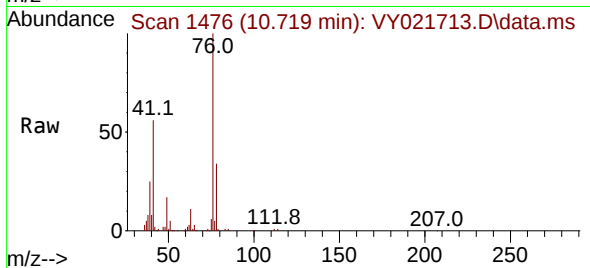
VY0331SBSD01

Tgt Ion: 76 Resp: 58702

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.251 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021713.D

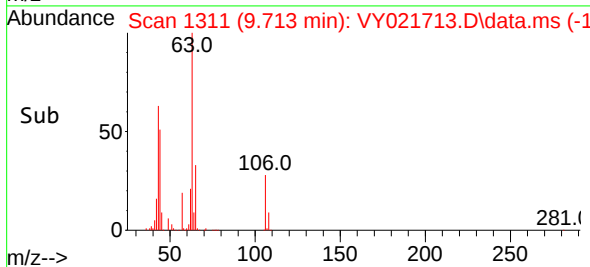
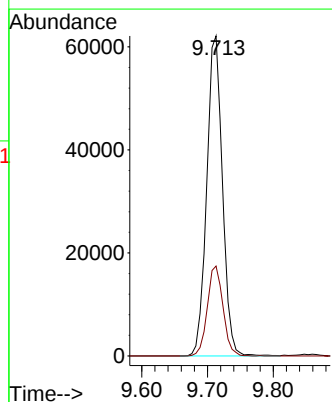
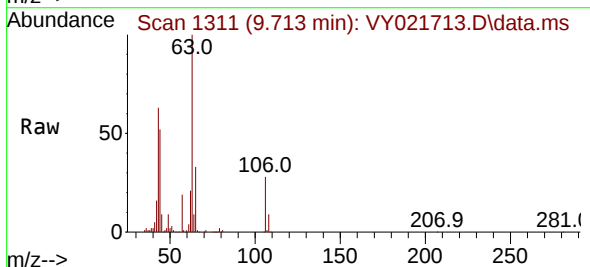
Acq: 31 Mar 2025 12:06

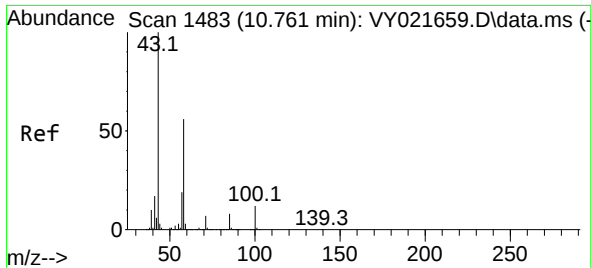
Tgt Ion: 63 Resp: 103179

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

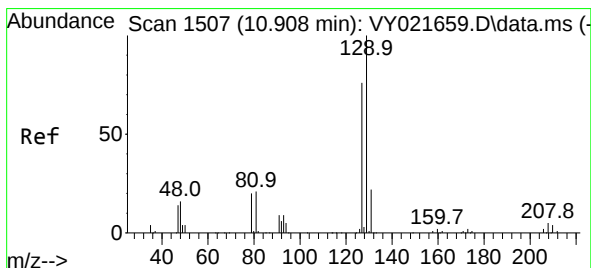
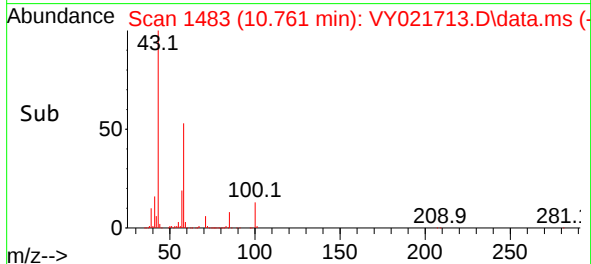
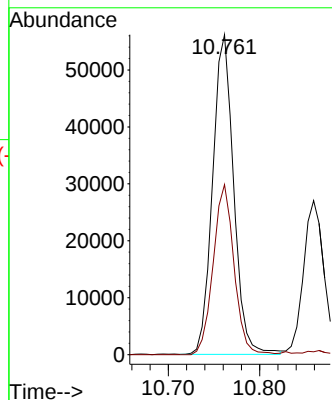
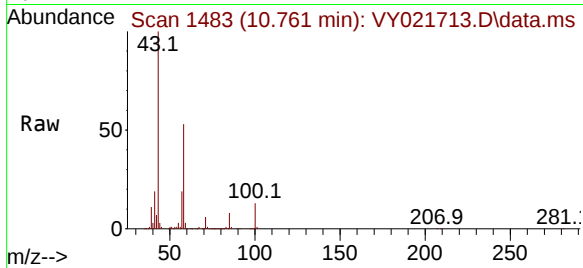




#59
2-Hexanone
Concen: 88.452 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

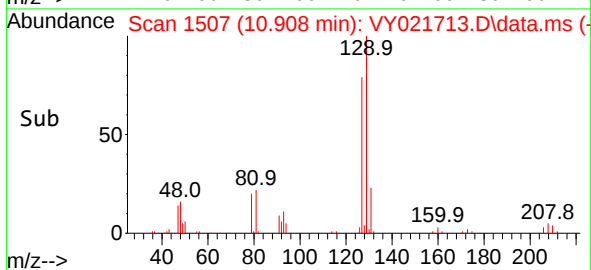
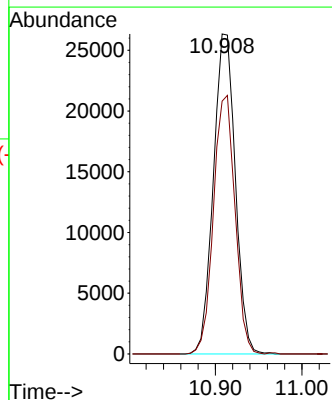
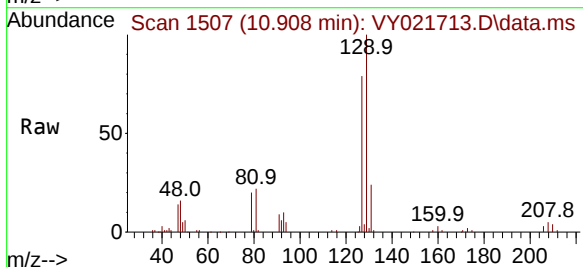
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

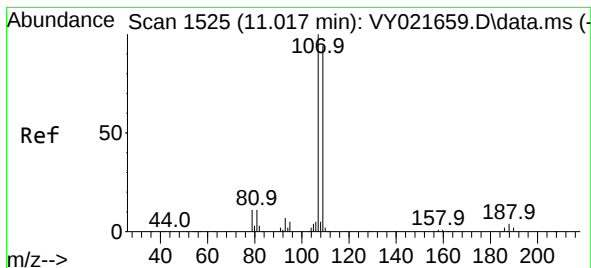
Tgt Ion: 43 Resp: 89744
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.5



#60
Dibromochloromethane
Concen: 19.775 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 129 Resp: 46463
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 19.835 ug/l

RT: 11.018 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

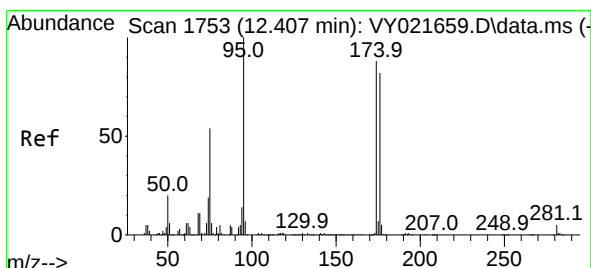
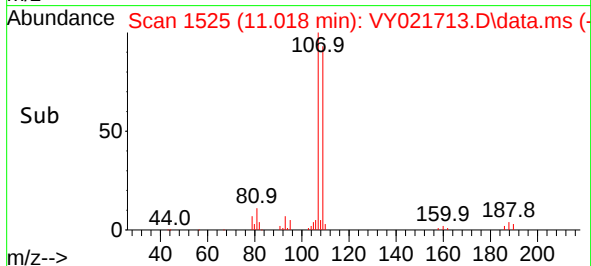
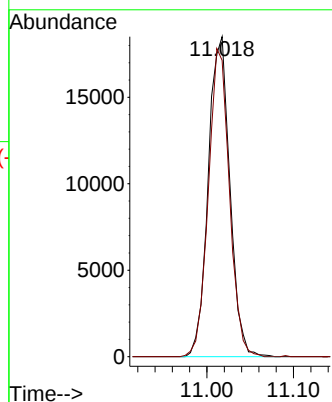
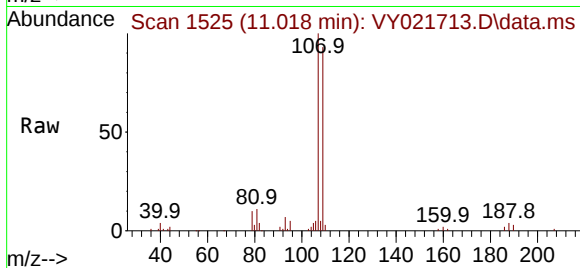
VY0331SBSD01

Tgt Ion:107 Resp: 32020

Ion Ratio Lower Upper

107 100

109 93.9 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 54.776 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

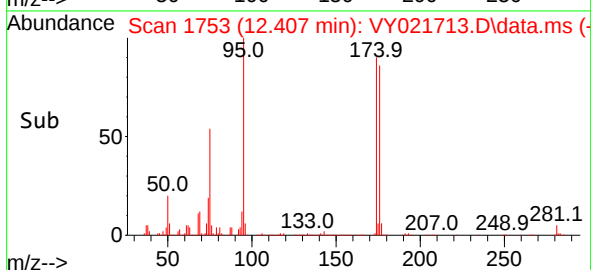
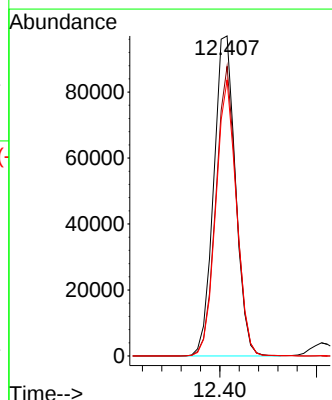
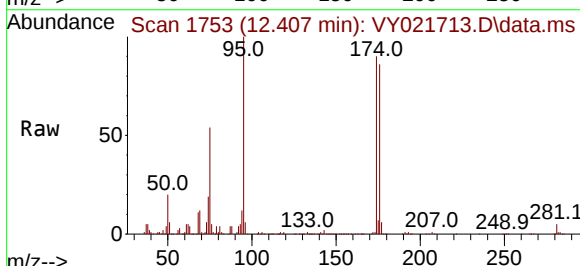
Tgt Ion: 95 Resp: 151475

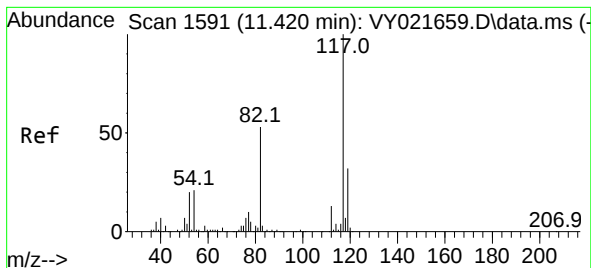
Ion Ratio Lower Upper

95 100

174 85.0 0.0 170.8

176 81.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

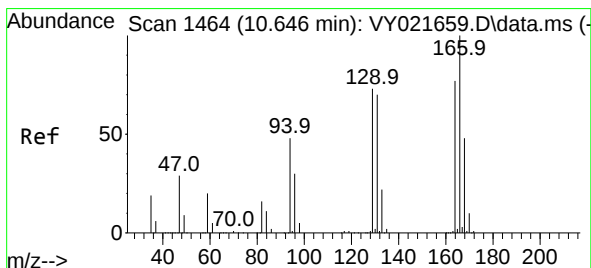
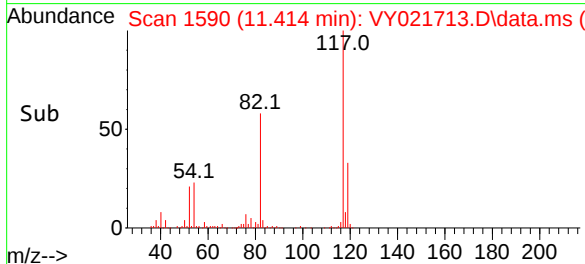
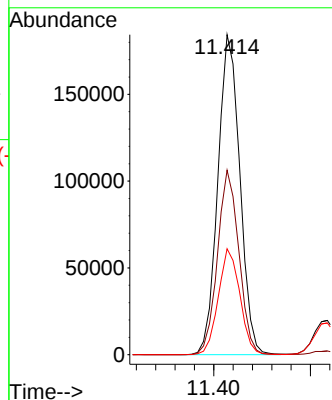
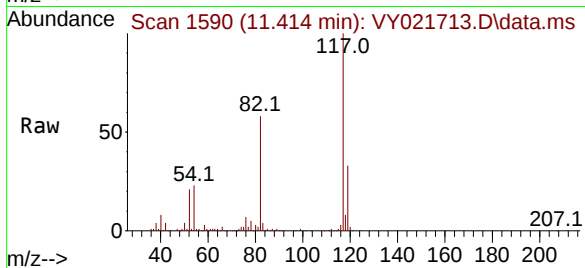
Tgt Ion:117 Resp: 291157

Ion Ratio Lower Upper

117 100

82 57.7 42.8 64.2

119 33.1 25.7 38.5



#64

Tetrachloroethene

Concen: 20.648 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Tgt Ion:164 Resp: 54754

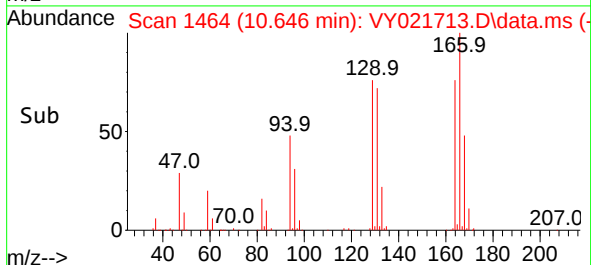
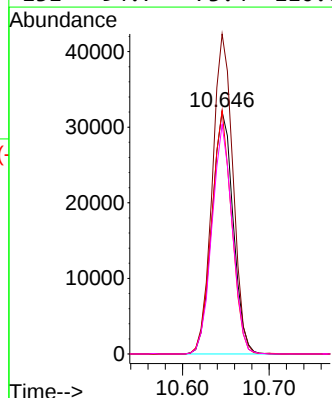
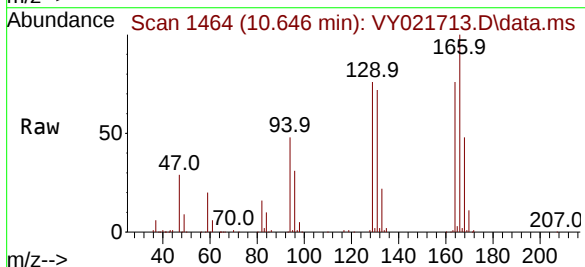
Ion Ratio Lower Upper

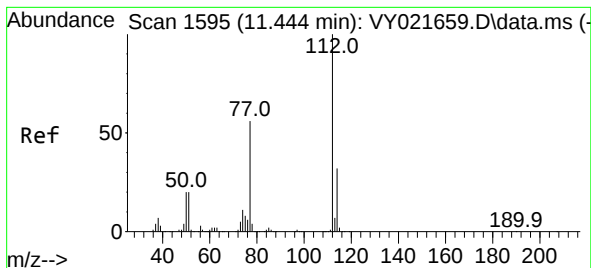
164 100

166 132.0 104.6 156.8

129 100.4 76.6 114.8

131 94.7 73.4 110.0





#65

Chlorobenzene

Concen: 20.074 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

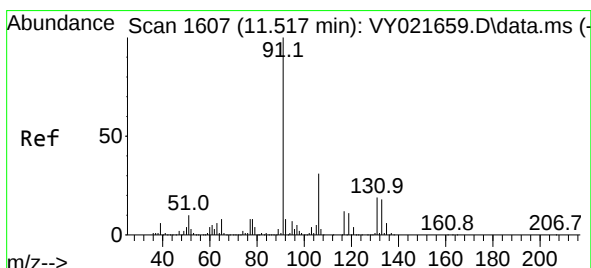
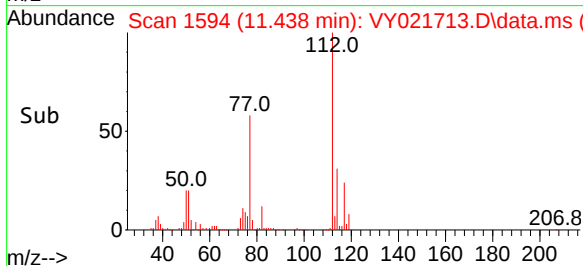
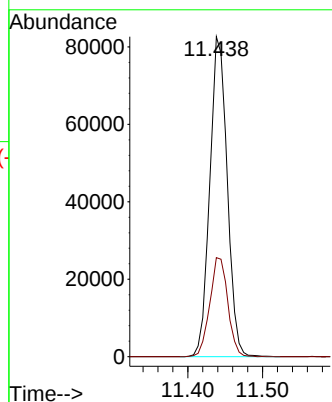
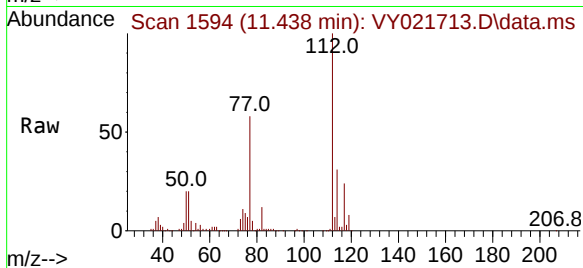
VY0331SBSD01

Tgt Ion:112 Resp: 133977

Ion Ratio Lower Upper

112 100

114 30.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.276 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

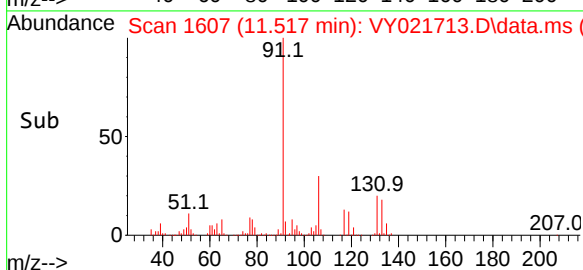
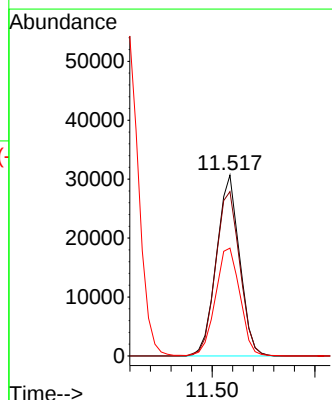
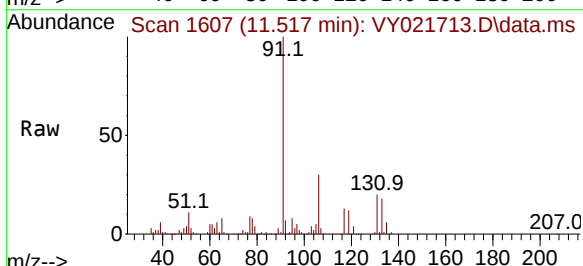
Tgt Ion:131 Resp: 48015

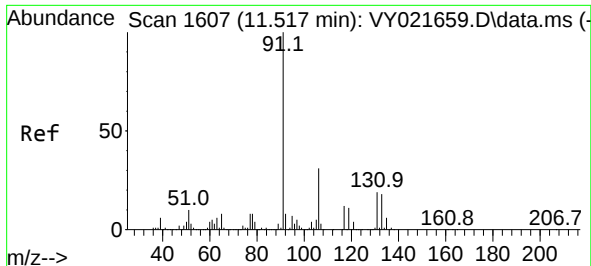
Ion Ratio Lower Upper

131 100

133 95.1 47.3 141.8

119 63.3 31.6 95.0





#67

Ethyl Benzene

Concen: 20.081 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

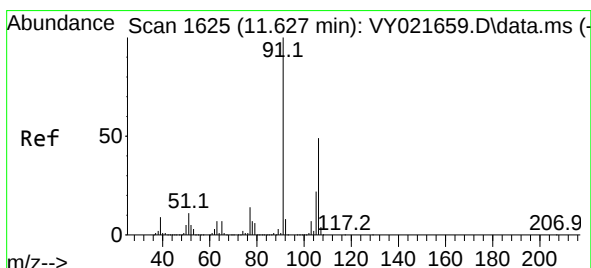
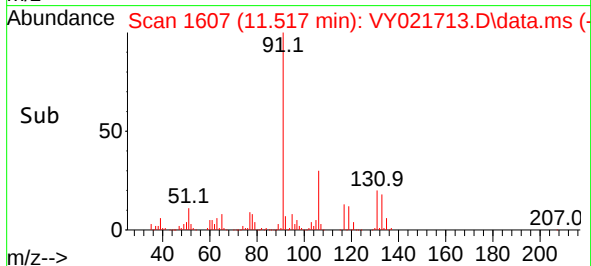
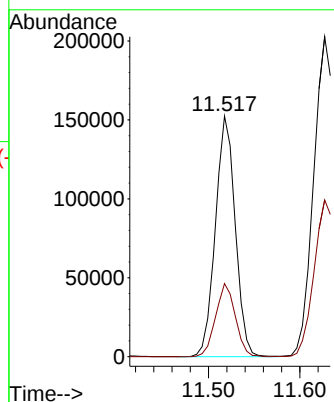
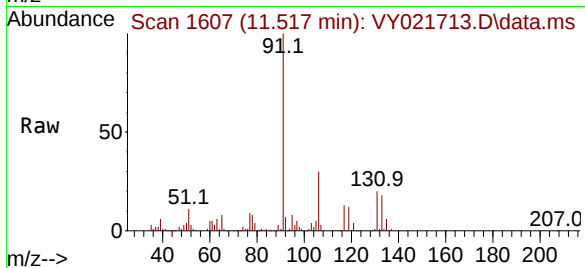
VY0331SBS01

Tgt Ion: 91 Resp: 229825

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 40.016 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021713.D

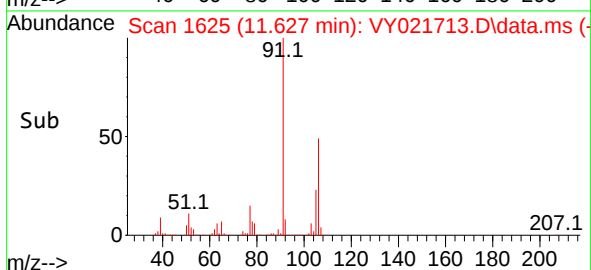
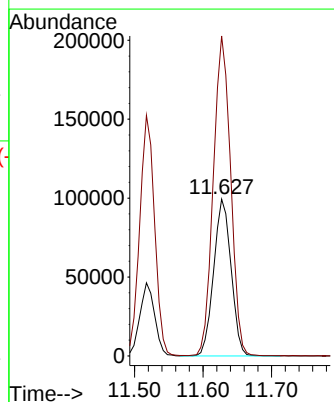
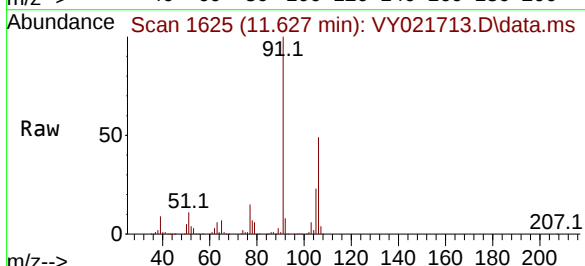
Acq: 31 Mar 2025 12:06

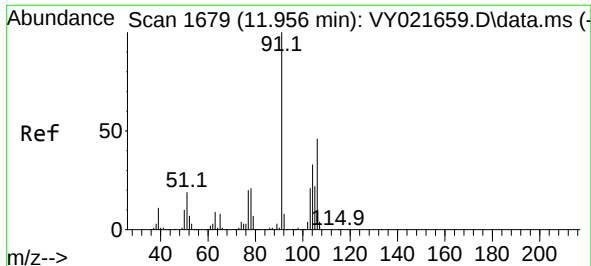
Tgt Ion:106 Resp: 175372

Ion Ratio Lower Upper

106 100

91 203.2 162.4 243.6

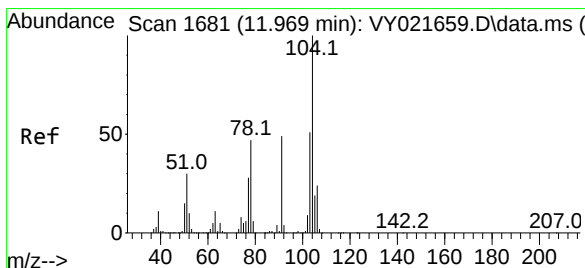
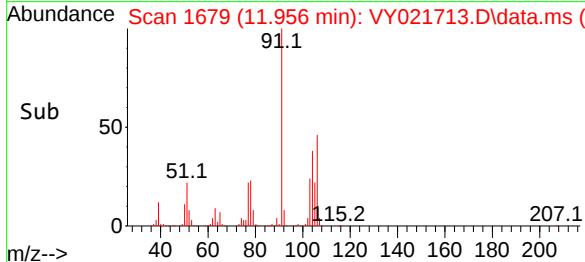
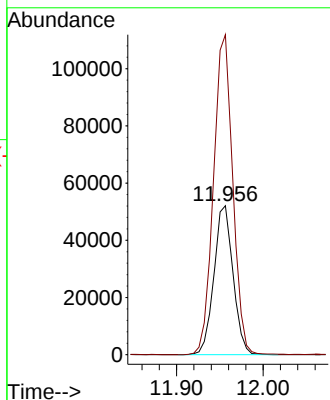
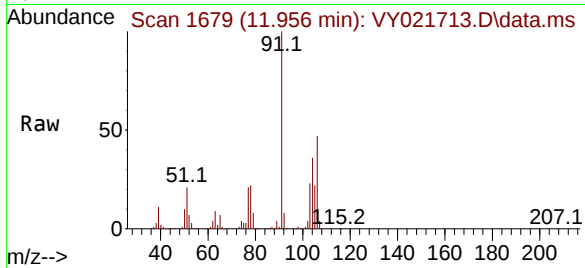




#69
o-Xylene
Concen: 19.734 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

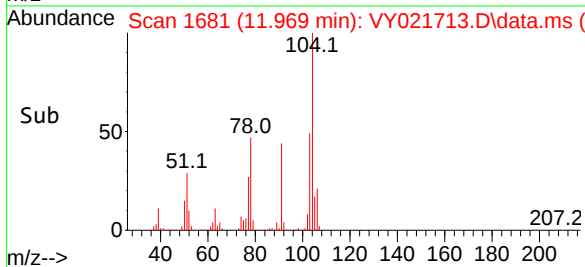
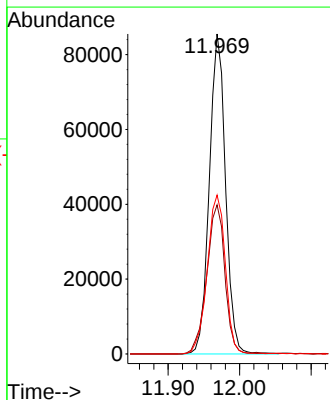
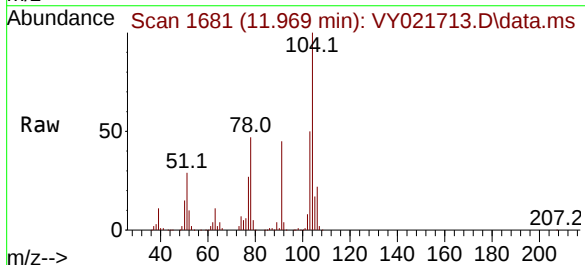
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

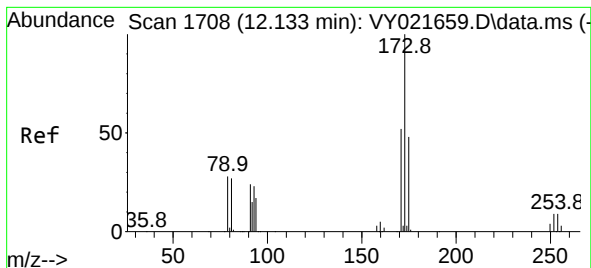
Tgt Ion:106 Resp: 79832
Ion Ratio Lower Upper
106 100
91 216.4 106.7 319.9



#70
Styrene
Concen: 19.963 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion:104 Resp: 134656
Ion Ratio Lower Upper
104 100
78 52.1 40.8 61.2
103 55.3 44.2 66.2





#71

Bromoform

Concen: 19.844 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

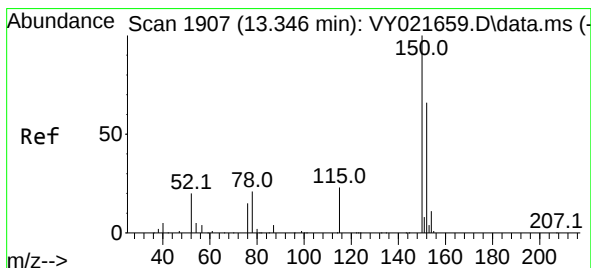
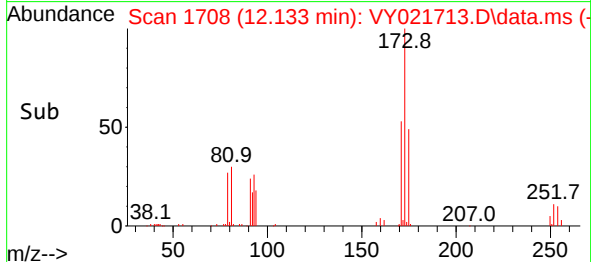
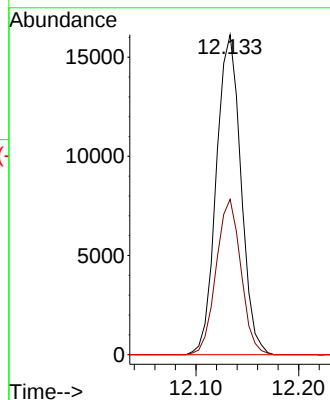
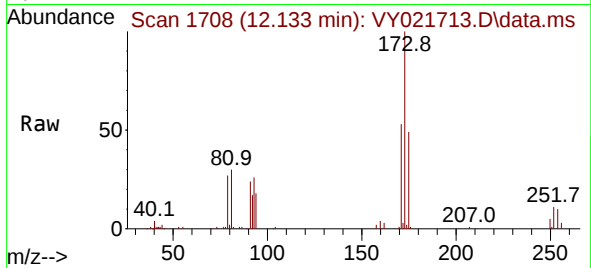
Tgt Ion:173 Resp: 26804

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

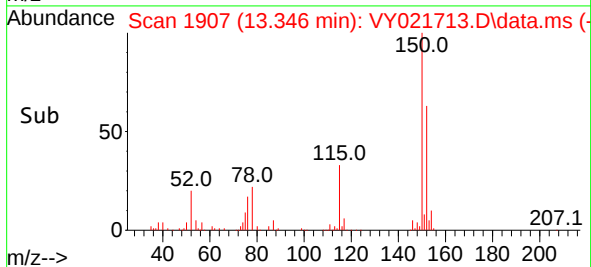
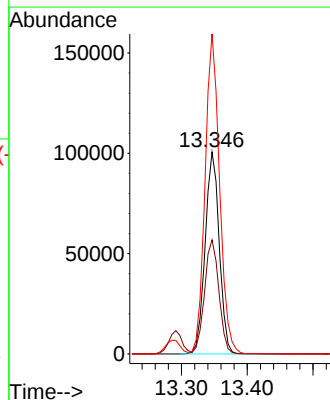
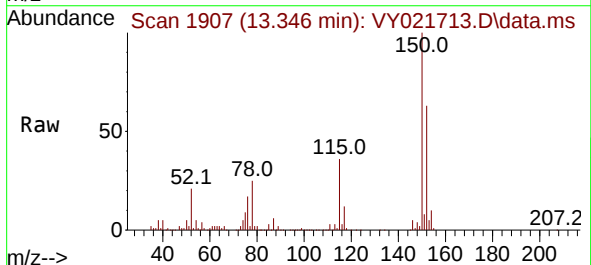
Tgt Ion:152 Resp: 150013

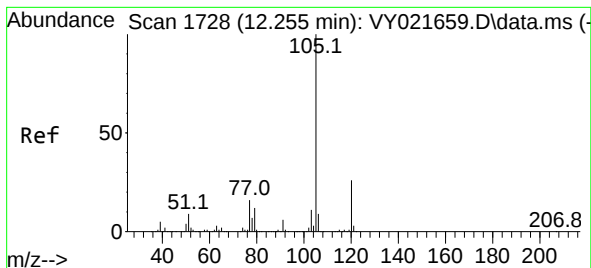
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 163.3 0.0 348.4





#73

Isopropylbenzene

Concen: 19.199 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

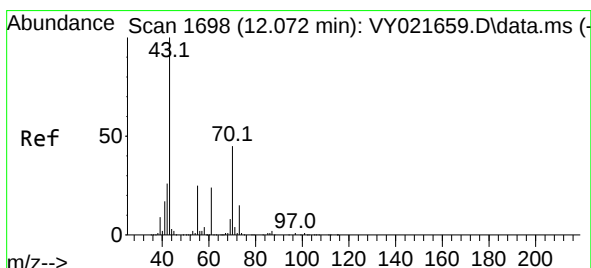
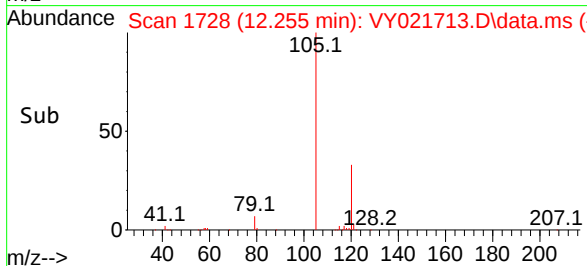
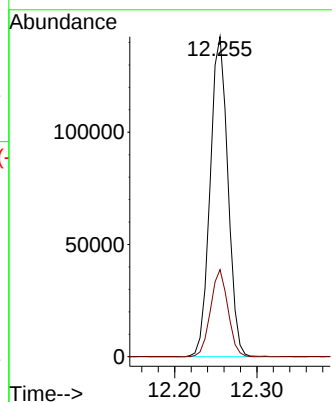
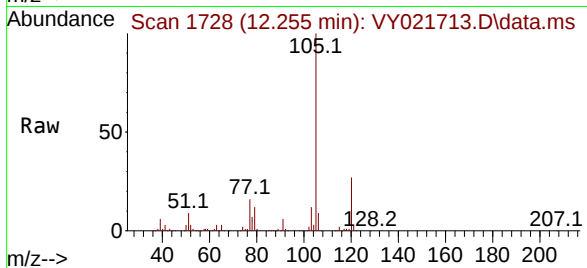
VY0331SBSD01

Tgt Ion:105 Resp: 213911

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 17.361 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Tgt Ion: 43 Resp: 45399

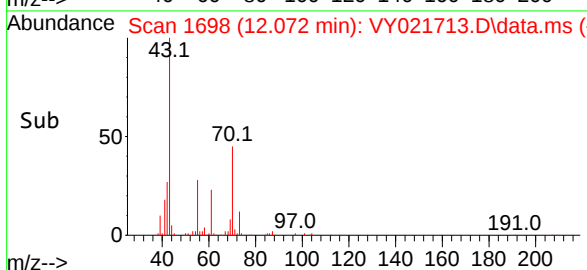
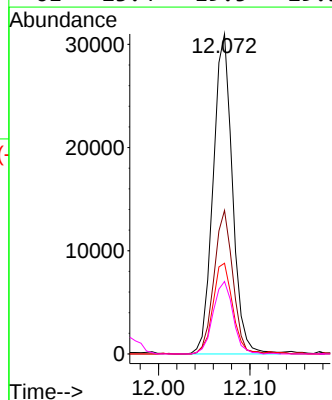
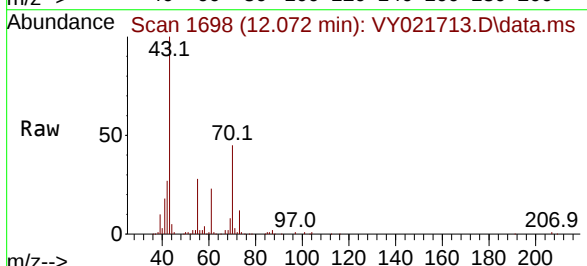
Ion Ratio Lower Upper

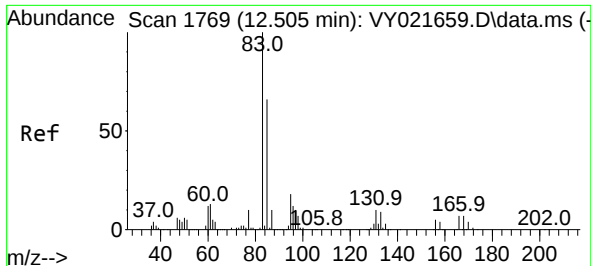
43 100

70 43.8 34.7 52.1

55 29.0 21.2 31.8

61 23.4 19.5 29.3

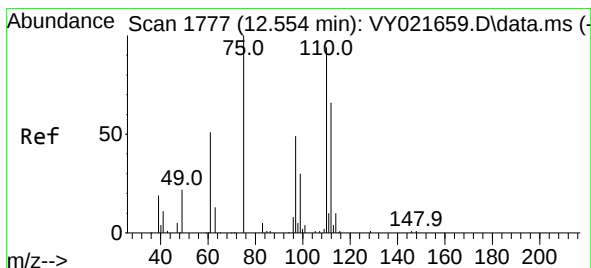
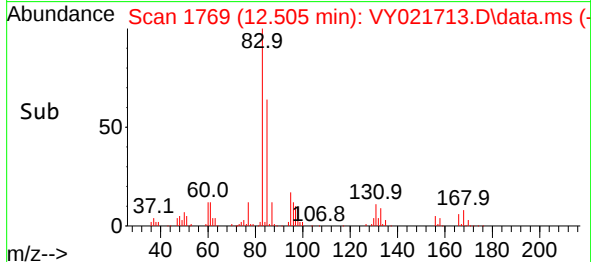
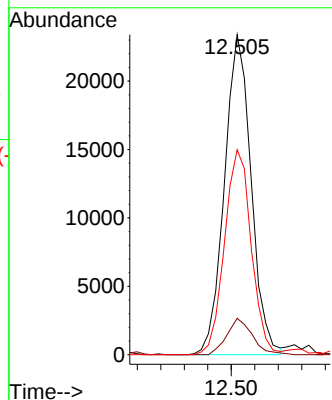
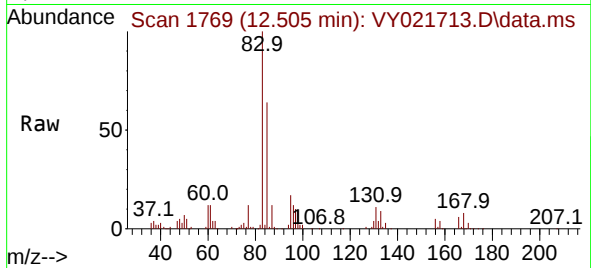




#75
1,1,2-Tetrachloroethane
Concen: 18.429 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

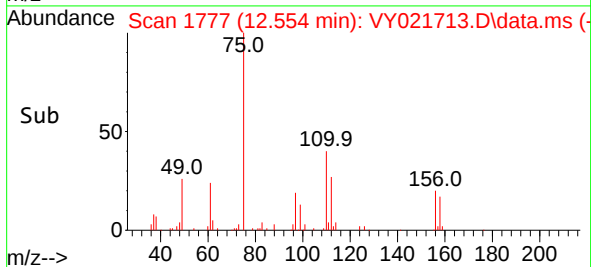
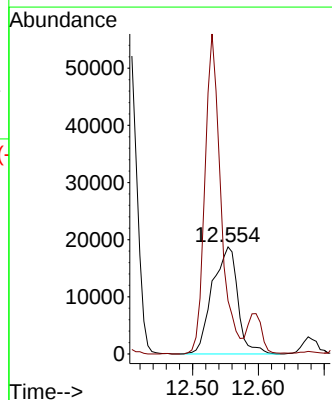
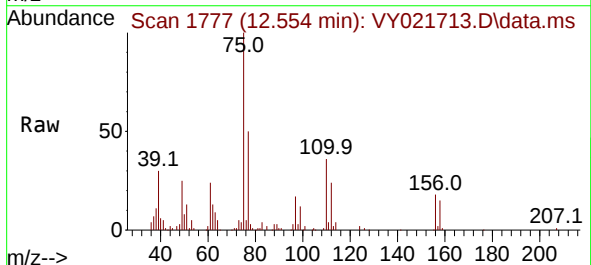
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

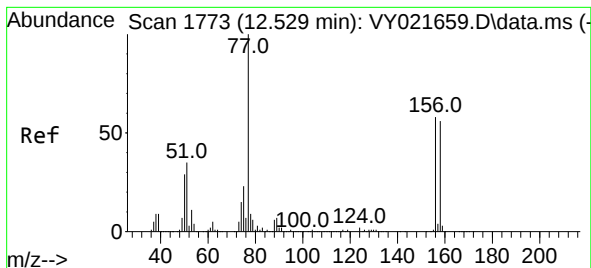
Tgt Ion: 83 Resp: 36917
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 64.0 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 33.929 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 75 Resp: 50453
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.852 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

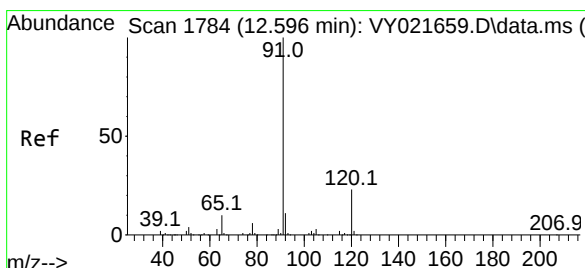
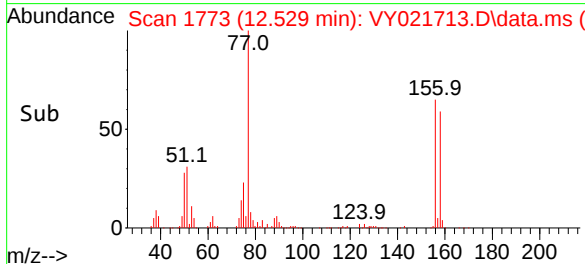
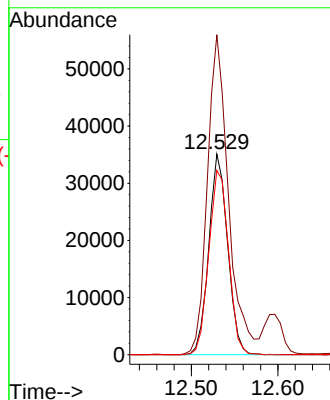
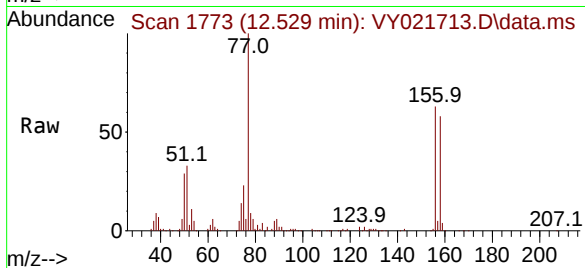
Tgt Ion:156 Resp: 53109

Ion Ratio Lower Upper

156 100

77 177.1 92.8 278.3

158 96.0 48.5 145.6



#78

n-propylbenzene

Concen: 19.602 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021713.D

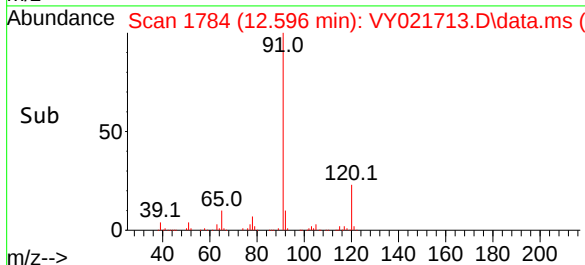
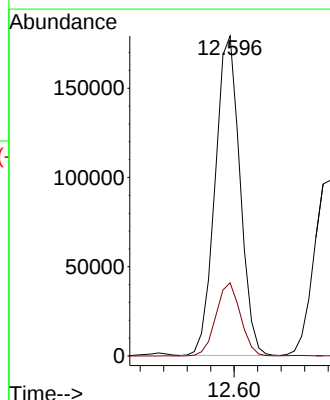
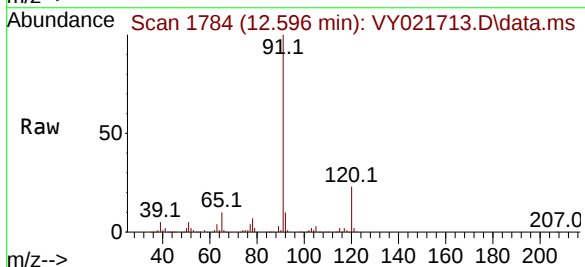
Acq: 31 Mar 2025 12:06

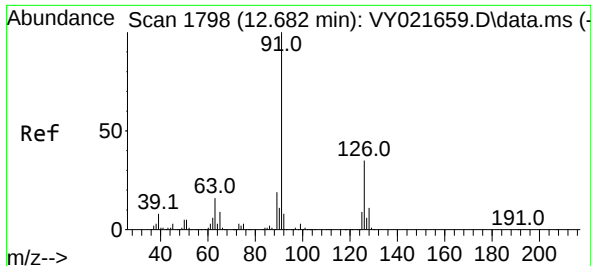
Tgt Ion: 91 Resp: 262582

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9

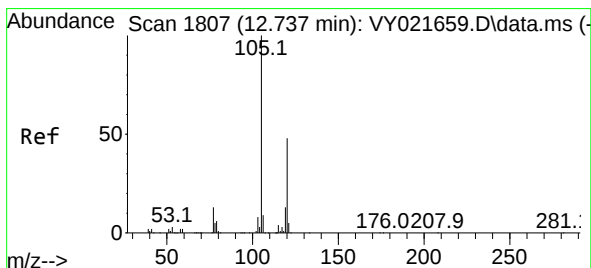
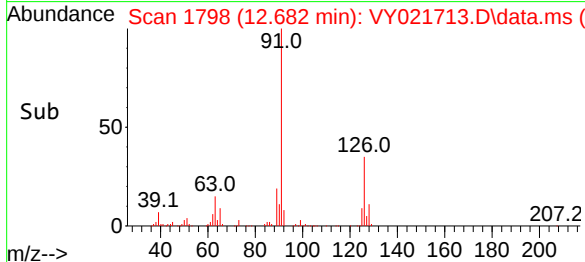
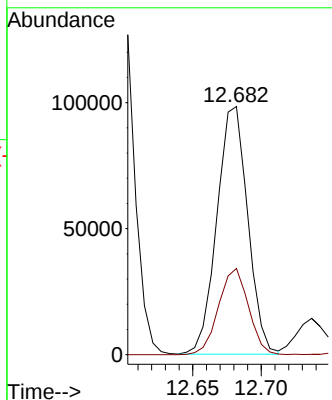
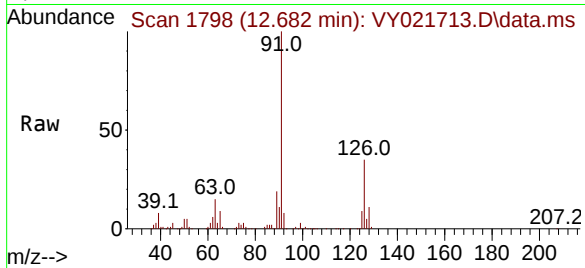




#79
2-Chlorotoluene
Concen: 19.815 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

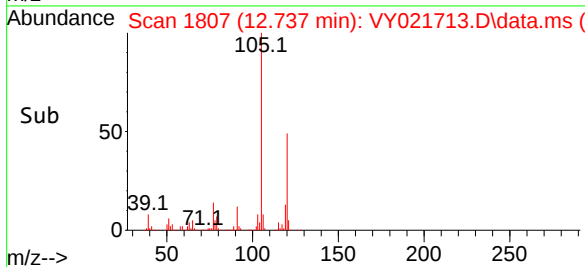
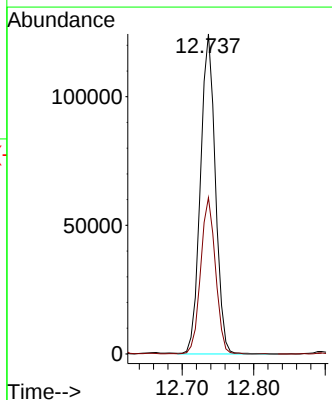
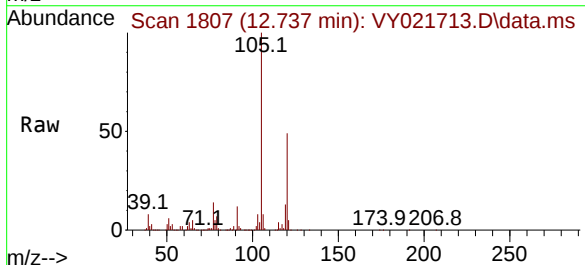
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

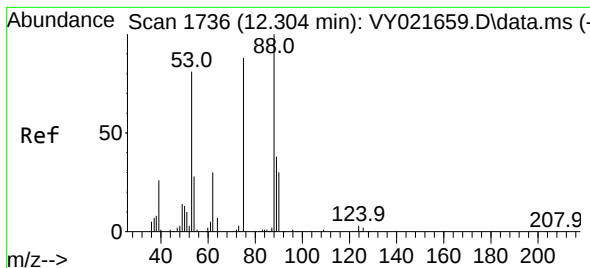
Tgt Ion: 91 Resp: 154163
Ion Ratio Lower Upper
91 100
126 33.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.813 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 105 Resp: 180420
Ion Ratio Lower Upper
105 100
120 48.4 24.5 73.5

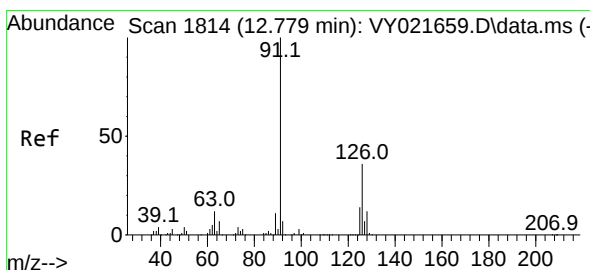
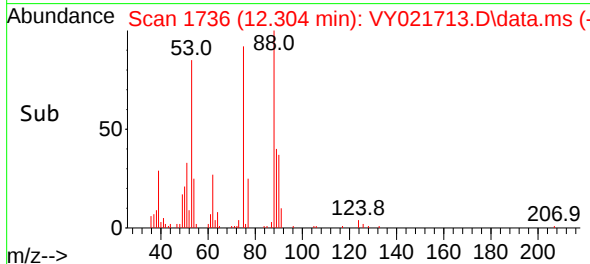
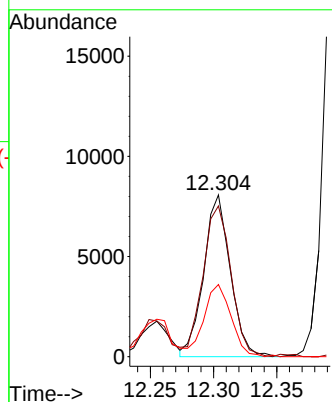
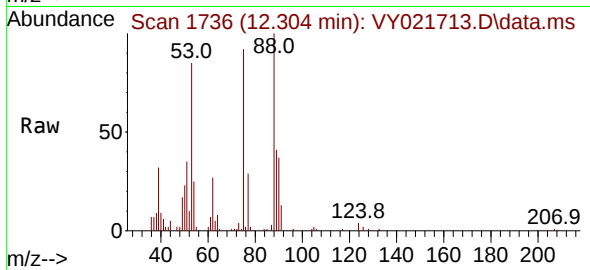




#81
trans-1,4-Dichloro-2-butene
Concen: 18.336 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

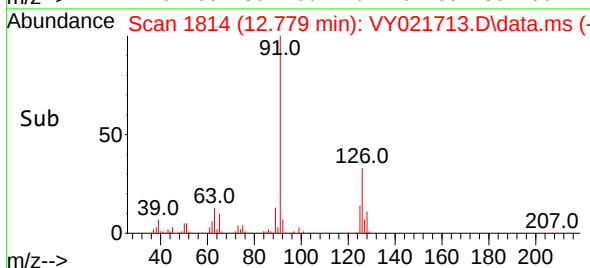
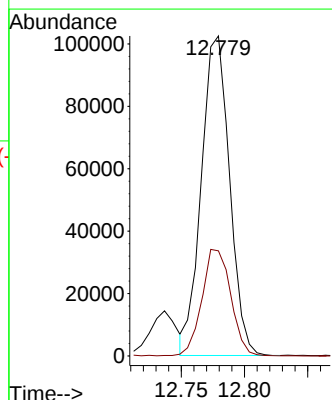
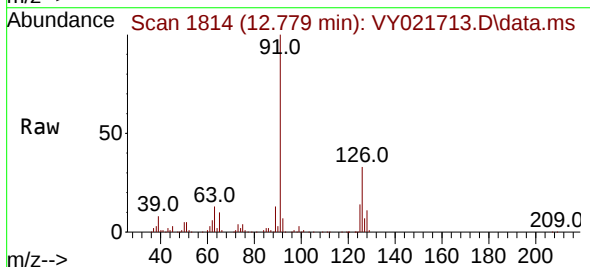
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

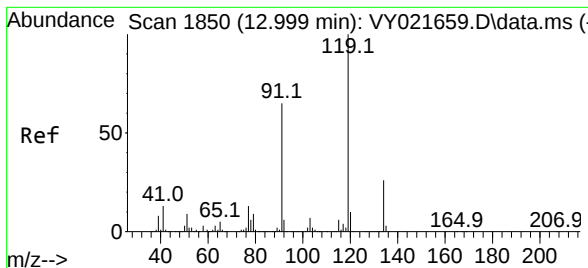
Tgt Ion: 75 Resp: 11833
Ion Ratio Lower Upper
75 100
53 98.4 76.1 114.1
89 45.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.581 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 91 Resp: 158827
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.256 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

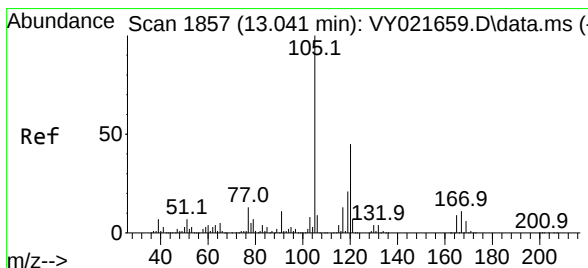
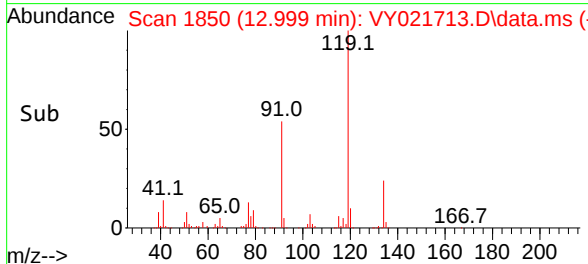
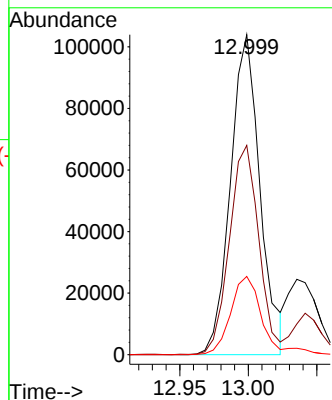
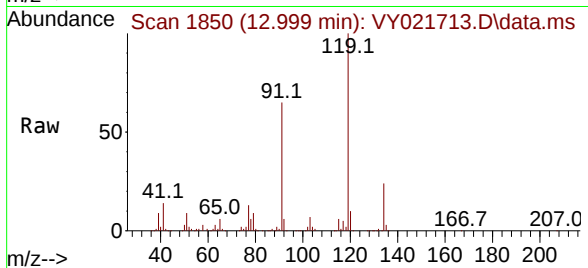
Tgt Ion:119 Resp: 156181

Ion Ratio Lower Upper

119 100

91 65.2 32.6 97.7

134 26.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.662 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021713.D

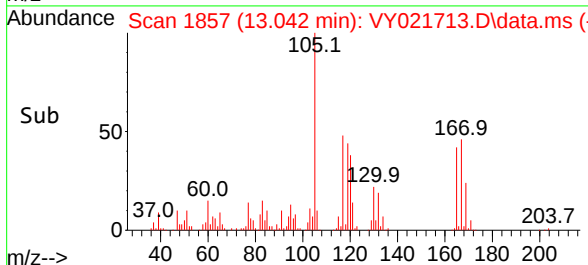
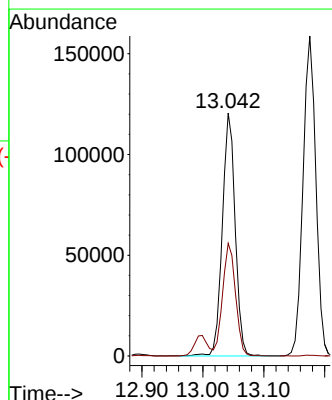
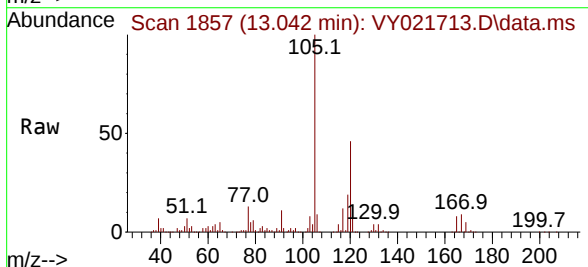
Acq: 31 Mar 2025 12:06

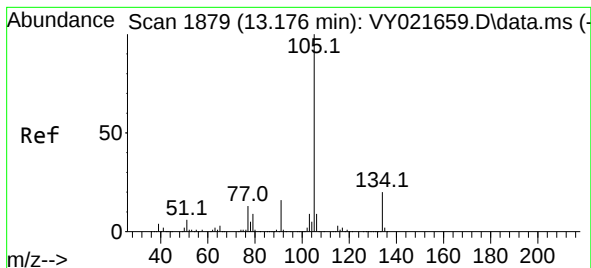
Tgt Ion:105 Resp: 176963

Ion Ratio Lower Upper

105 100

120 46.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.537 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

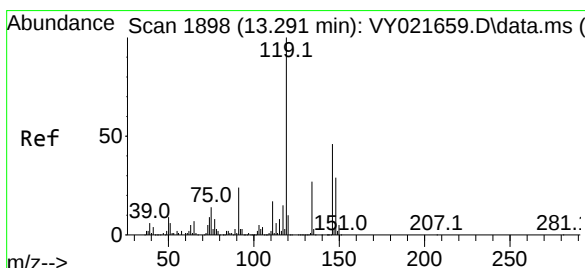
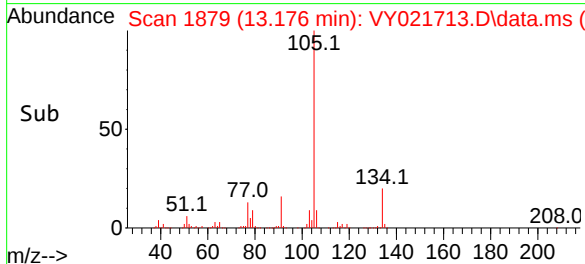
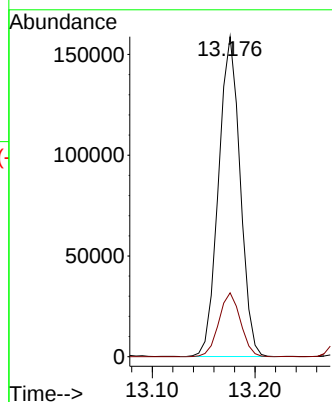
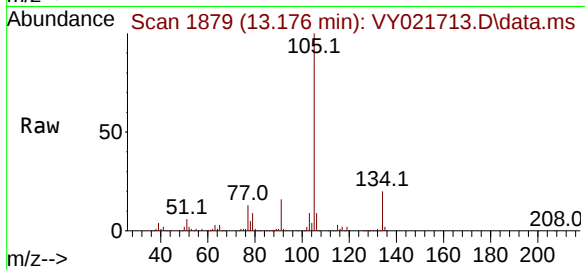
VY0331SBS01

Tgt Ion:105 Resp: 231582

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.670 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

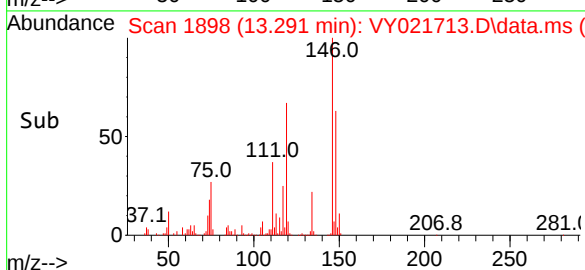
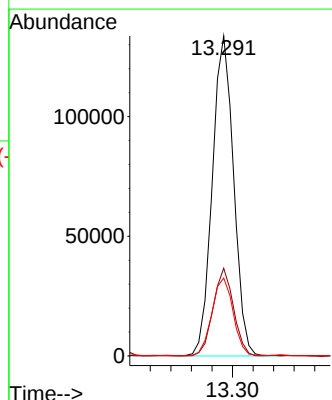
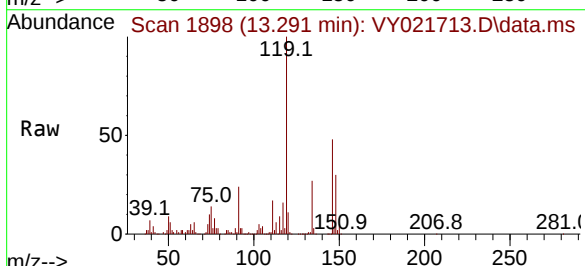
Tgt Ion:119 Resp: 192703

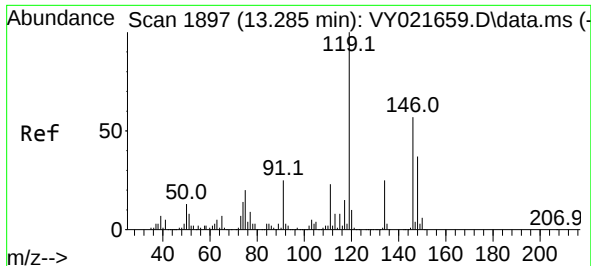
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 24.2 12.0 36.0

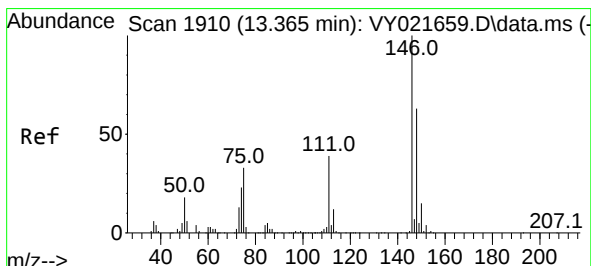
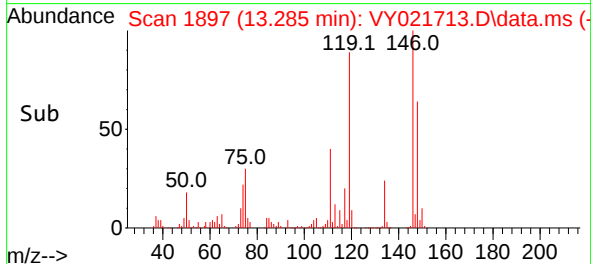
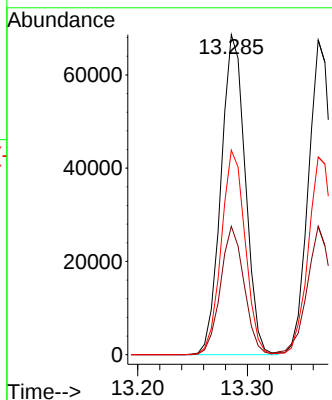
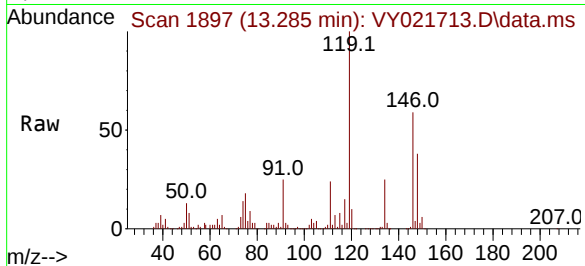




#87
 1,3-Dichlorobenzene
 Concen: 20.012 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

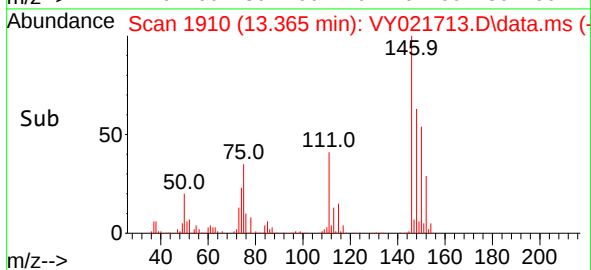
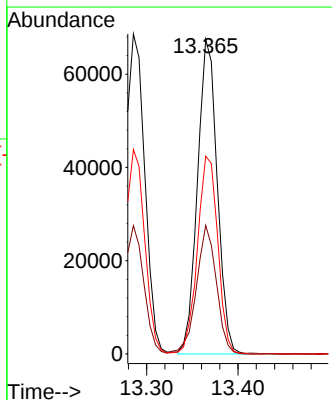
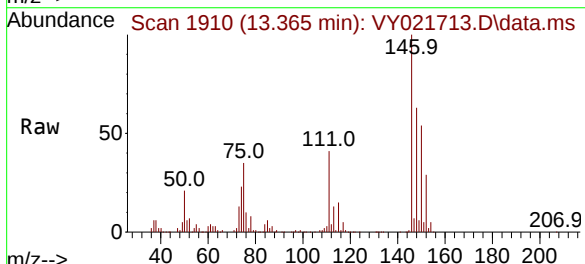
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBSD01

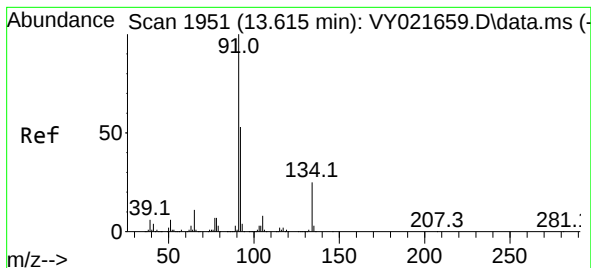
Tgt Ion:146 Resp: 105477
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.0 60.0
 148 62.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.473 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021713.D
 Acq: 31 Mar 2025 12:06

Tgt Ion:146 Resp: 101406
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.1 57.1
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.301 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

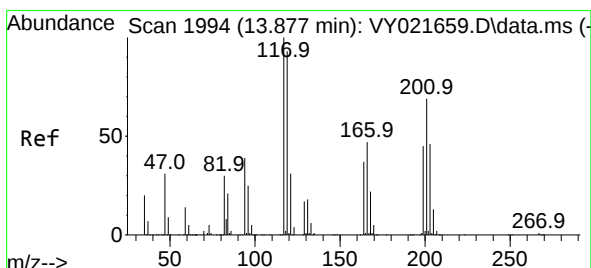
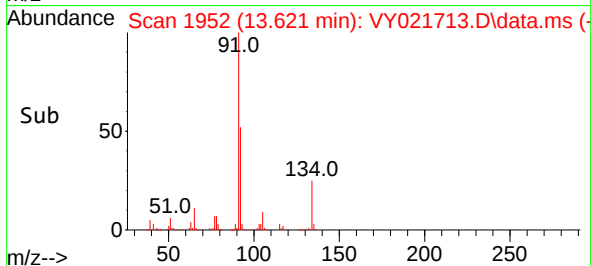
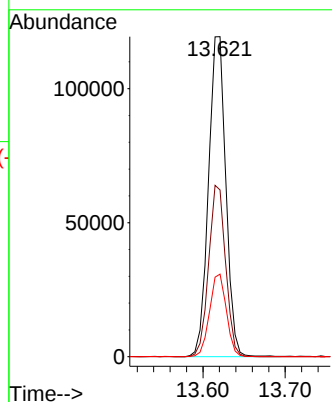
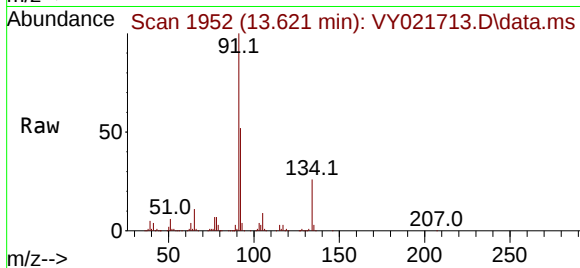
Tgt Ion: 91 Resp: 174870

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.2

134 25.0 12.8 38.4



#90

Hexachloroethane

Concen: 19.124 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021713.D

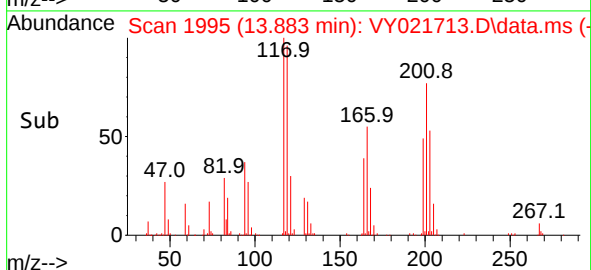
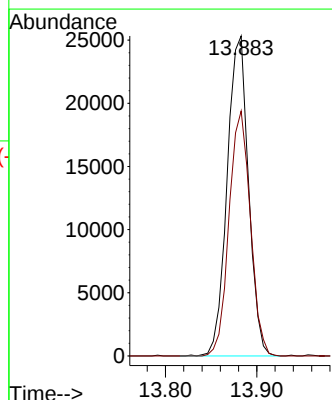
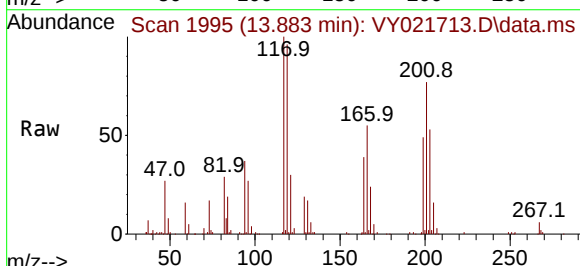
Acq: 31 Mar 2025 12:06

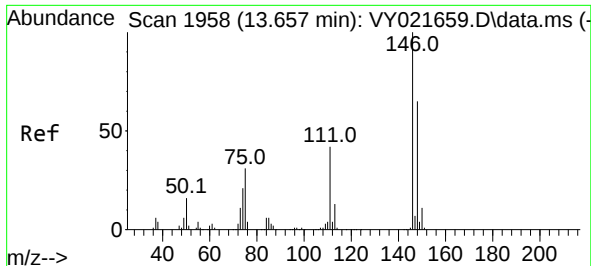
Tgt Ion: 117 Resp: 41057

Ion Ratio Lower Upper

117 100

201 76.4 37.4 112.1

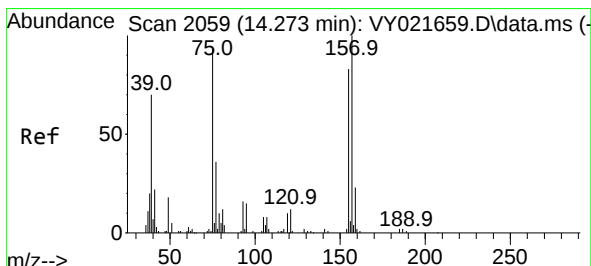
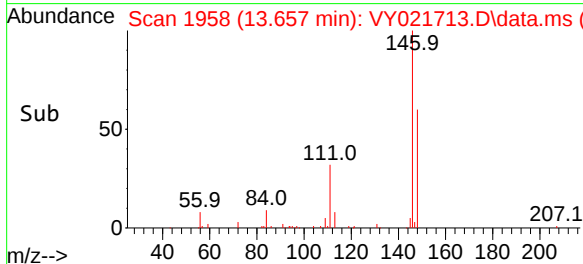
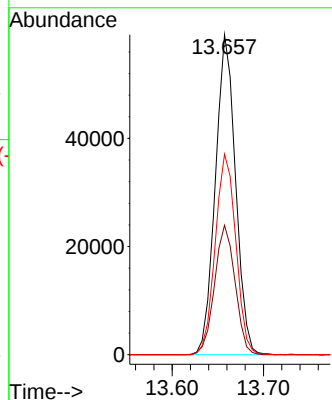
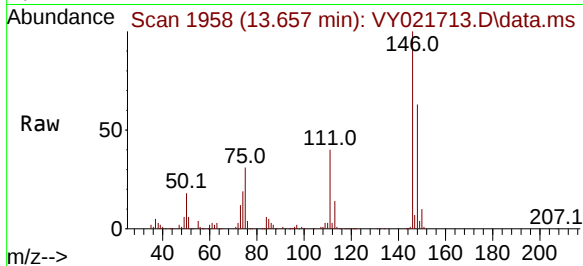




#91
1,2-Dichlorobenzene
Concen: 19.804 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

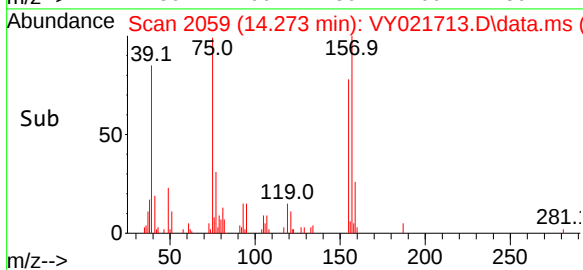
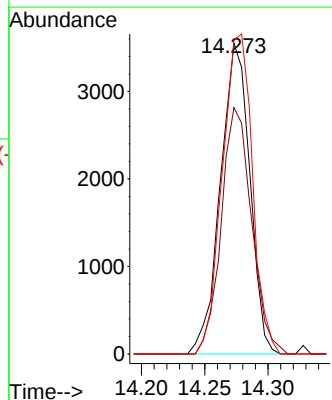
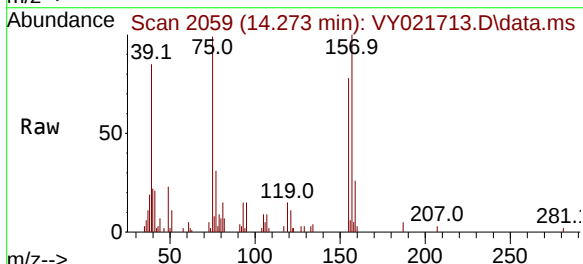
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBSD01

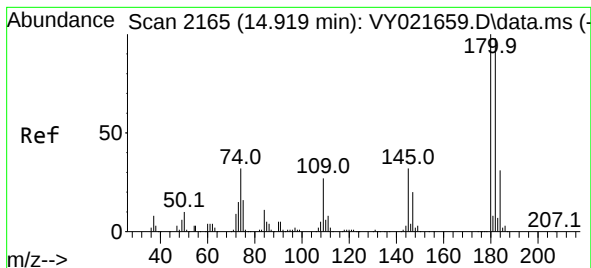
Tgt Ion:146 Resp: 90863
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 64.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.442 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021713.D
Acq: 31 Mar 2025 12:06

Tgt Ion: 75 Resp: 5726
Ion Ratio Lower Upper
75 100
155 81.8 43.0 128.8
157 105.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 18.564 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

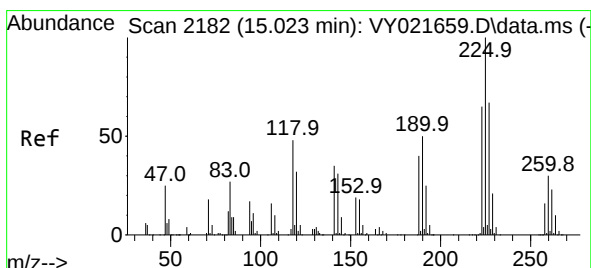
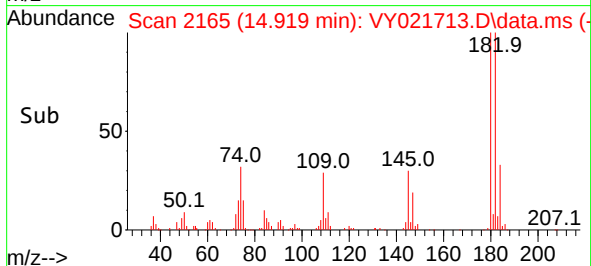
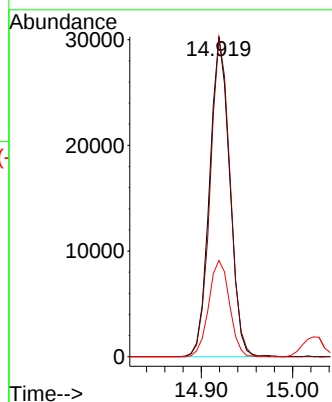
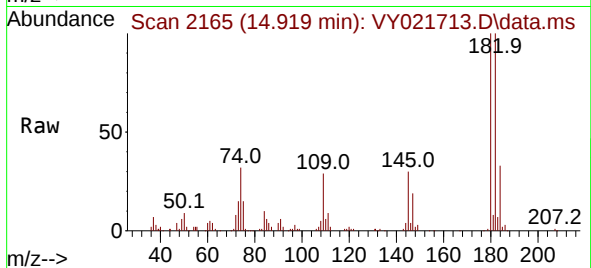
Tgt Ion:180 Resp: 46190

Ion Ratio Lower Upper

180 100

182 98.7 47.5 142.6

145 31.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 19.999 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

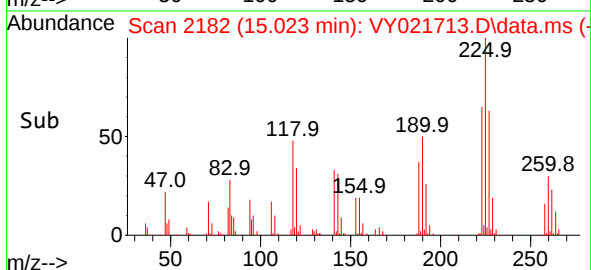
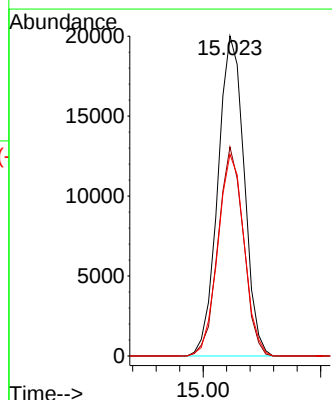
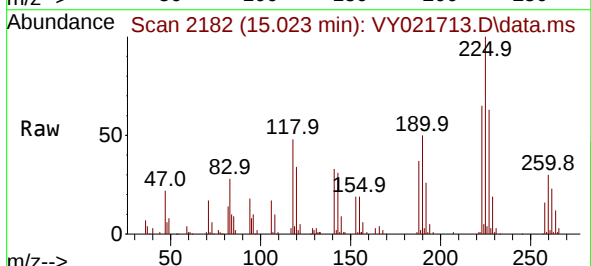
Tgt Ion:225 Resp: 31077

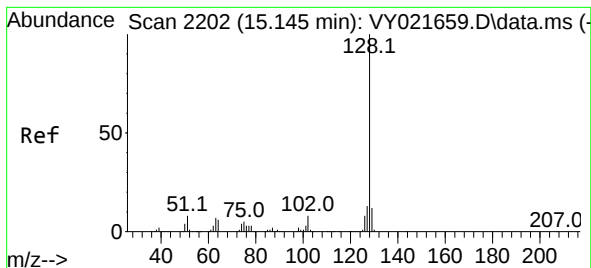
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.7

227 62.9 32.4 97.0





#95

Naphthalene

Concen: 17.334 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBSD01

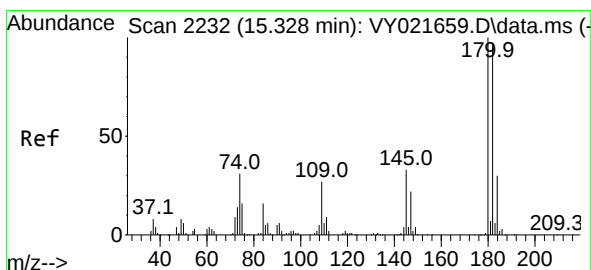
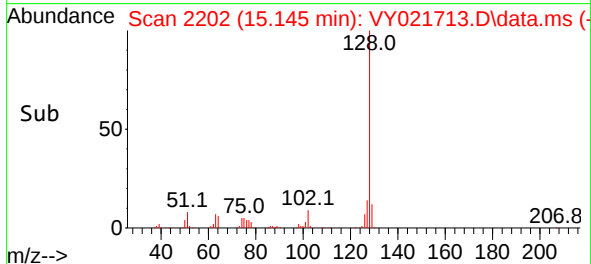
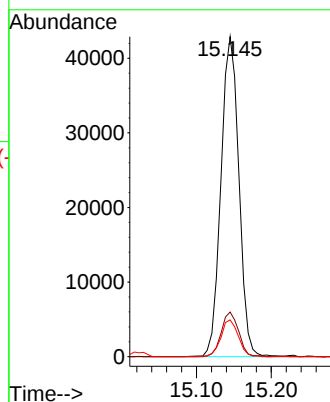
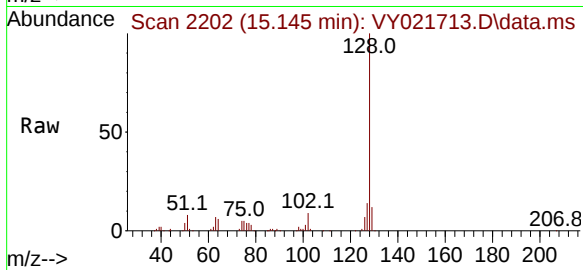
Tgt Ion:128 Resp: 71488

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.897 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021713.D

Acq: 31 Mar 2025 12:06

Tgt Ion:180 Resp: 40094

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.5

145 31.7 15.9 47.7

