

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021919.D
 Acq On : 18 Apr 2025 10:13
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 01:08:55 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	192431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	291944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	261669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102492	49.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.634	113	96899	51.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.340%
50) Toluene-d8	10.109	98	365119	50.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.407	95	123929	50.855	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	38527	19.317	ug/l	100
3) Chloromethane	2.068	50	53724	19.156	ug/l	99
4) Vinyl Chloride	2.202	62	60915	19.206	ug/l	99
5) Bromomethane	2.586	94	43628	20.168	ug/l	97
6) Chloroethane	2.732	64	40009	19.278	ug/l	98
7) Trichlorofluoromethane	3.055	101	83551	20.564	ug/l	96
8) Diethyl Ether	3.458	74	20578	18.624	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	45946	21.441	ug/l	98
10) Methyl Iodide	4.000	142	43617	18.553	ug/l	98
11) Tert butyl alcohol	4.872	59	12825	94.704	ug/l	98
12) 1,1-Dichloroethene	3.787	96	40453	20.042	ug/l	95
13) Acrolein	3.653	56	9547	38.609	ug/l	99
14) Allyl chloride	4.378	41	62394	19.388	ug/l	97
15) Acrylonitrile	5.061	53	45247	98.077	ug/l	97
16) Acetone	3.872	43	36148	84.714	ug/l	91
17) Carbon Disulfide	4.104	76	121204	18.231	ug/l	99
18) Methyl Acetate	4.385	43	23180	21.919	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	97258	19.354	ug/l	96
20) Methylene Chloride	4.616	84	45694	19.527	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	43949	19.776	ug/l	97
22) Diisopropyl ether	6.018	45	138325	20.490	ug/l	98
23) Vinyl Acetate	5.957	43	372390	94.292	ug/l	100
24) 1,1-Dichloroethane	5.915	63	80833	20.024	ug/l	100
25) 2-Butanone	6.896	43	57278	93.981	ug/l	96
26) 2,2-Dichloropropane	6.884	77	73009	20.332	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	49603	19.848	ug/l	99
28) Bromochloromethane	7.244	49	34555	20.297	ug/l	97
29) Tetrahydrofuran	7.262	42	37222	94.895	ug/l	99
30) Chloroform	7.421	83	87436	20.825	ug/l	98
31) Cyclohexane	7.701	56	69360	18.849	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	78325	20.640	ug/l	99
36) 1,1-Dichloropropene	7.835	75	60230	20.880	ug/l	98
37) Ethyl Acetate	6.982	43	27716	20.359	ug/l	98
38) Carbon Tetrachloride	7.817	117	71372	21.603	ug/l	98
39) Methylcyclohexane	9.109	83	71074	20.626	ug/l	97
40) Benzene	8.079	78	181679	21.031	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021919.D
 Acq On : 18 Apr 2025 10:13
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 01:08:55 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	7.219	41	15062	20.834	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	51568	21.175	ug/l	100
43) Isopropyl Acetate	8.195	43	52832	20.479	ug/l	98
44) Trichloroethene	8.865	130	48805	22.174	ug/l	90
45) 1,2-Dichloropropane	9.140	63	43465	21.257	ug/l	98
46) Dibromomethane	9.231	93	25097	21.297	ug/l	97
47) Bromodichloromethane	9.420	83	66331	21.722	ug/l	97
48) Methyl methacrylate	9.219	41	23083	19.495	ug/l	97
49) 1,4-Dioxane	9.231	88	4904	388.458	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	136081	101.361	ug/l	99
52) Toluene	10.170	92	115167	21.368	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	54928	20.252	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	64982	20.309	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	33154	21.862	ug/l	98
56) Ethyl methacrylate	10.438	69	39360	20.326	ug/l	96
57) 1,3-Dichloropropane	10.719	76	56065	21.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	100365	106.245	ug/l	100
59) 2-Hexanone	10.761	43	89435	100.027	ug/l	99
60) Dibromochloromethane	10.914	129	44277	21.384	ug/l	96
61) 1,2-Dibromoethane	11.011	107	30359	21.340	ug/l	98
64) Tetrachloroethene	10.646	164	55740	23.389	ug/l	95
65) Chlorobenzene	11.444	112	124520	20.759	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	46039	21.633	ug/l	99
67) Ethyl Benzene	11.517	91	212572	20.667	ug/l	98
68) m/p-Xylenes	11.627	106	167007	42.401	ug/l	99
69) o-Xylene	11.956	106	74300	20.436	ug/l	99
70) Styrene	11.969	104	128232	21.153	ug/l	98
71) Bromoform	12.133	173	26141	21.534	ug/l #	97
73) Isopropylbenzene	12.255	105	202653	19.703	ug/l	100
74) N-amyl acetate	12.072	43	45083	18.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	35957	19.445	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	49212	35.851	ug/l #	100
77) Bromobenzene	12.529	156	50800	20.571	ug/l	96
78) n-propylbenzene	12.596	91	252176	20.394	ug/l	100
79) 2-Chlorotoluene	12.682	91	144665	20.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	170735	20.311	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11441	19.205	ug/l	99
82) 4-Chlorotoluene	12.779	91	152028	20.304	ug/l	99
83) tert-Butylbenzene	12.999	119	149302	19.941	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	168626	20.296	ug/l	98
85) sec-Butylbenzene	13.176	105	225329	20.593	ug/l	100
86) p-Isopropyltoluene	13.291	119	185195	20.478	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	101373	20.836	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	100587	20.925	ug/l	98
89) n-Butylbenzene	13.615	91	170413	20.376	ug/l	99
90) Hexachloroethane	13.877	117	41663	21.023	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	88522	20.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5652	19.721	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	48910	21.295	ug/l	100
94) Hexachlorobutadiene	15.023	225	31996	22.306	ug/l	98
95) Naphthalene	15.145	128	77515	20.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	41890	21.388	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
Data File : VY021919.D
Acq On : 18 Apr 2025 10:13
Operator : SY/MD
Sample : VY0418SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

Quant Time: Apr 19 01:08:55 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

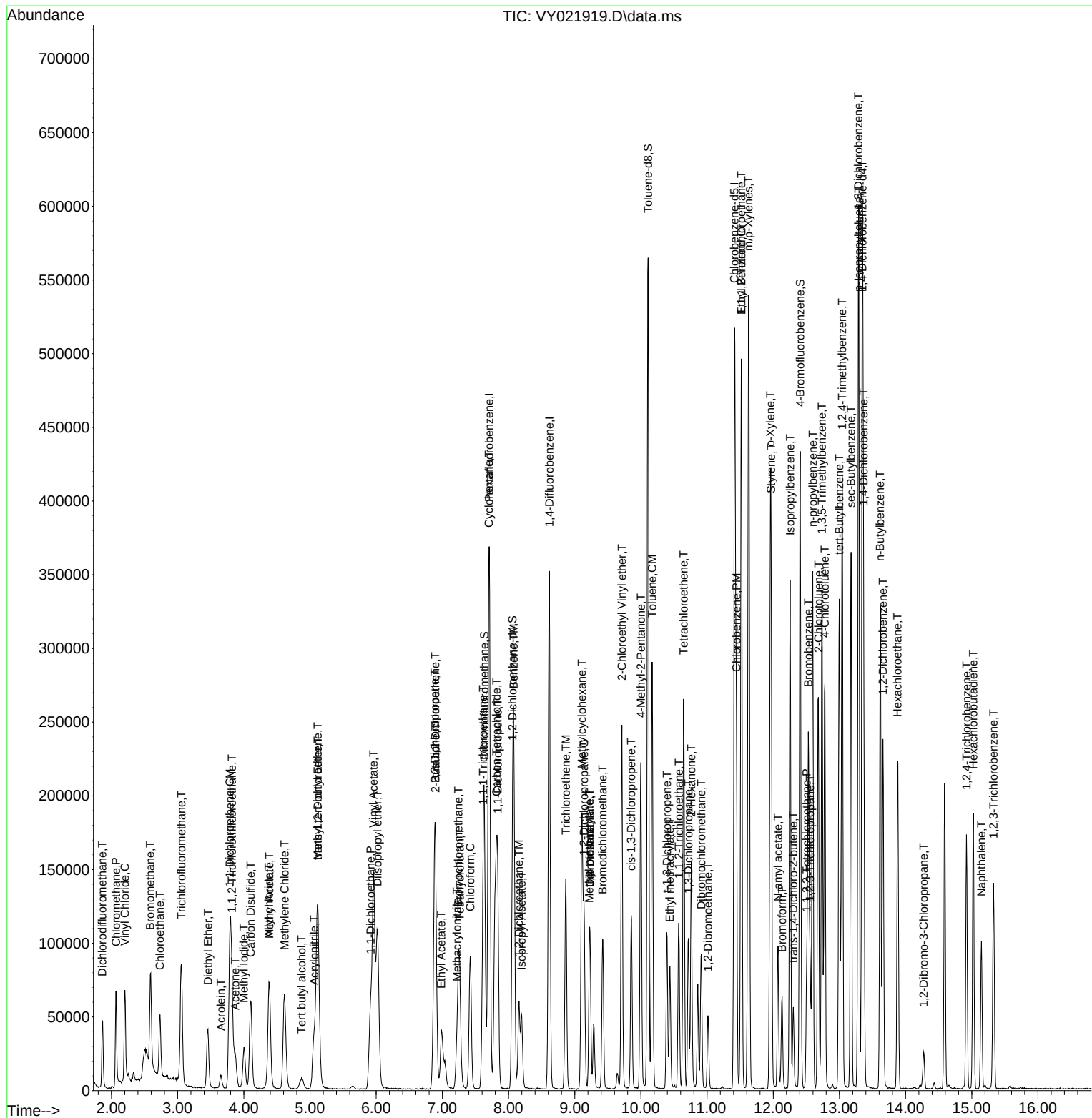
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

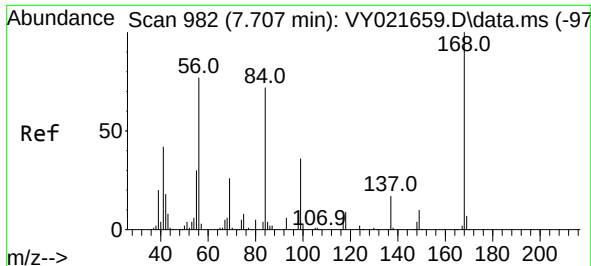
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021919.D
 Acq On : 18 Apr 2025 10:13
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 01:08:55 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

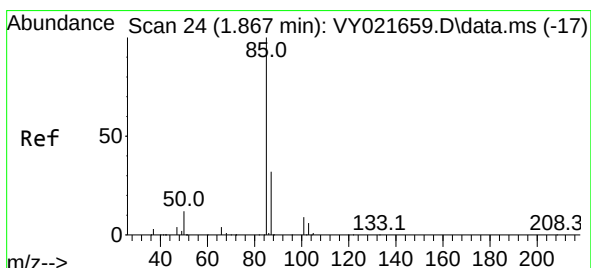
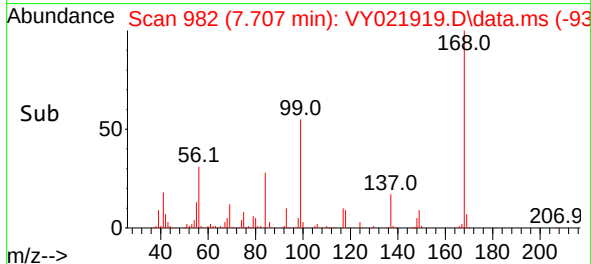
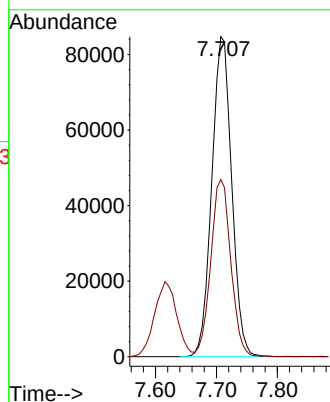
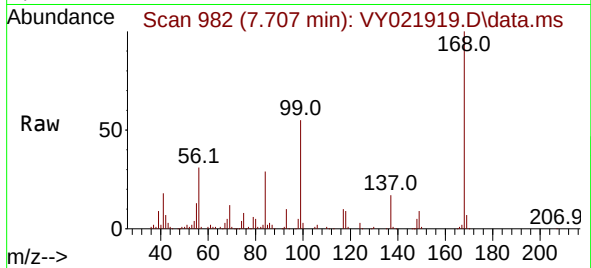




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

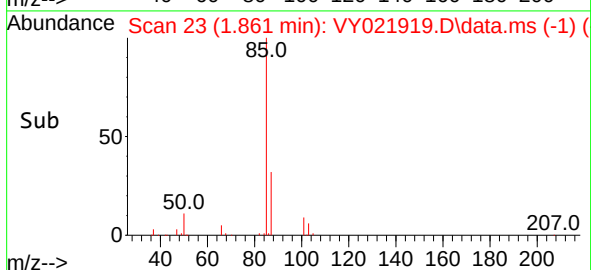
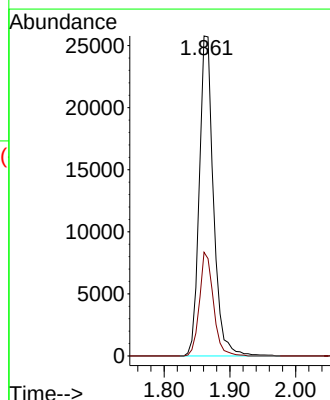
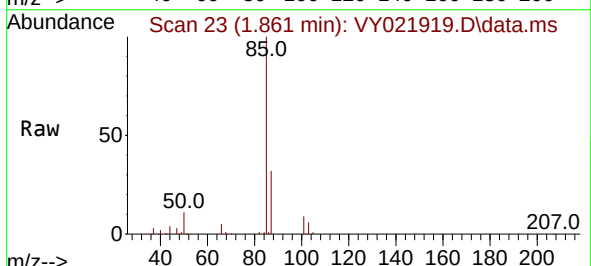
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

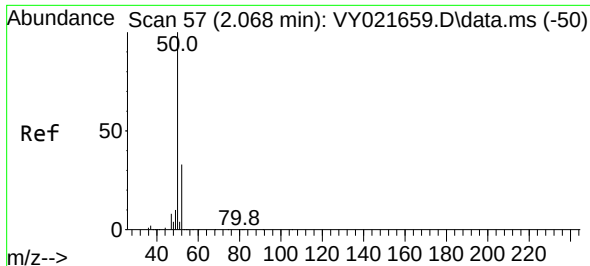
Tgt Ion:168 Resp: 192431
Ion Ratio Lower Upper
168 100
99 55.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.317 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 85 Resp: 38527
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

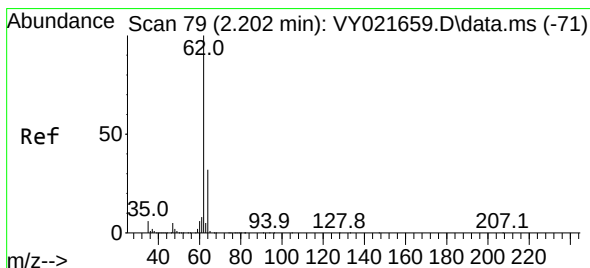
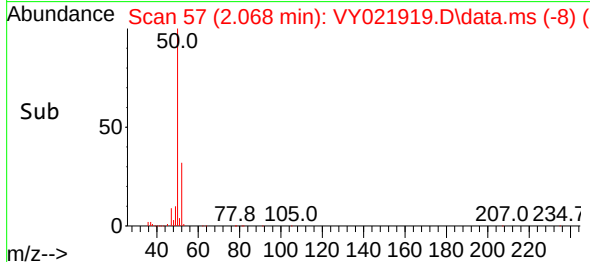
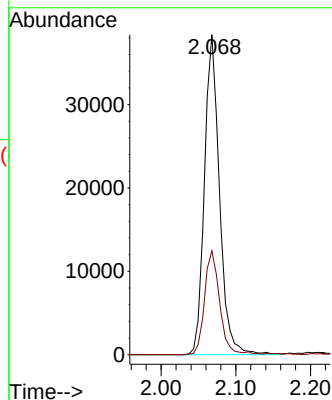
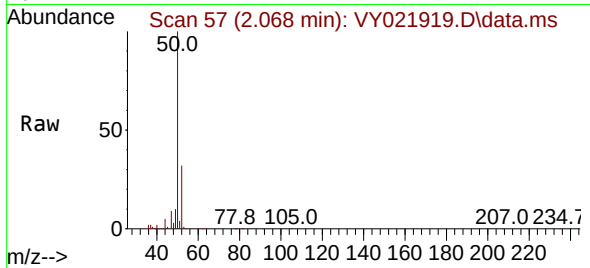




#3
Chloromethane
Concen: 19.156 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

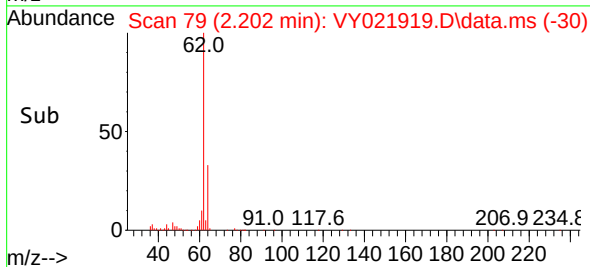
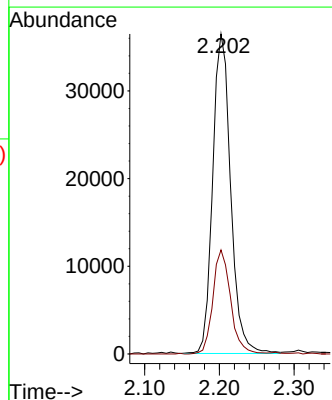
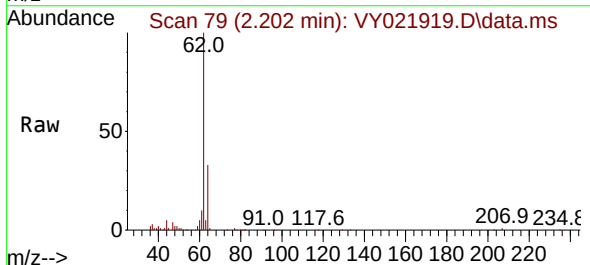
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

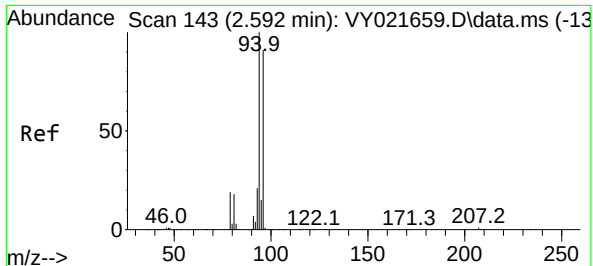
Tgt Ion: 50 Resp: 53724
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5



#4
Vinyl Chloride
Concen: 19.206 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 62 Resp: 60915
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

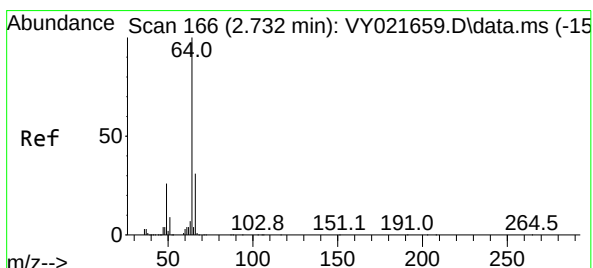
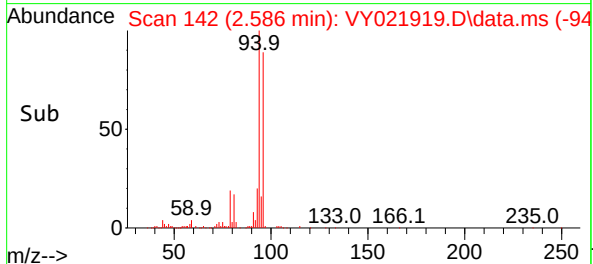
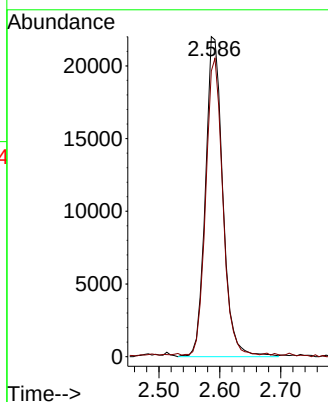
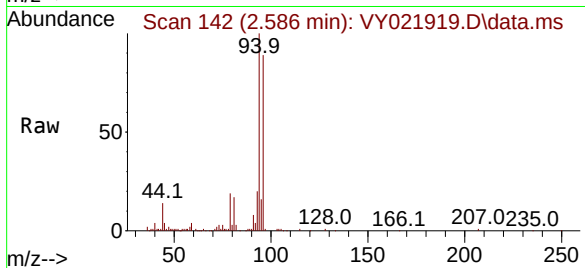




#5
Bromomethane
Concen: 20.168 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

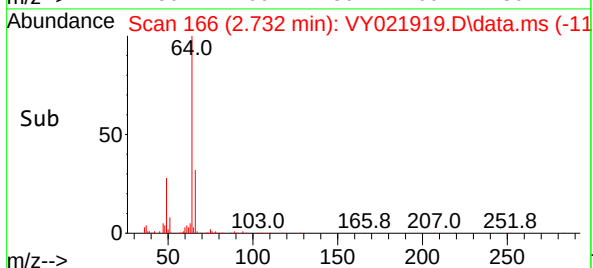
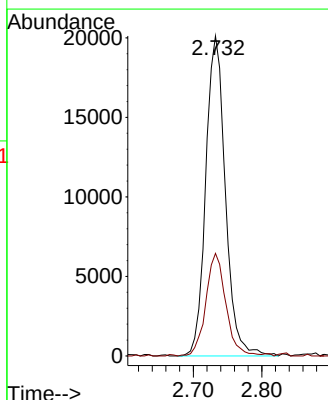
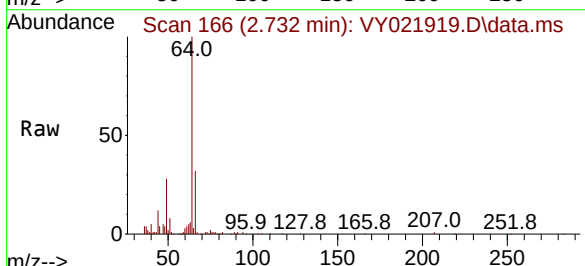
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

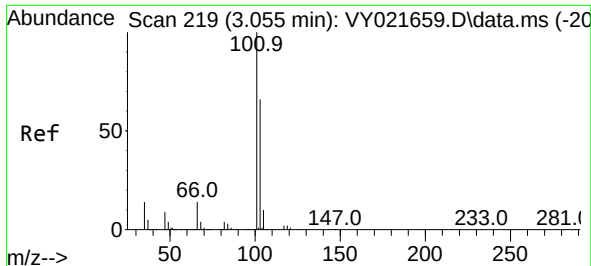
Tgt Ion: 94 Resp: 43628
Ion Ratio Lower Upper
94 100
96 88.6 72.8 109.2



#6
Chloroethane
Concen: 19.278 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 64 Resp: 40009
Ion Ratio Lower Upper
64 100
66 32.0 24.9 37.3

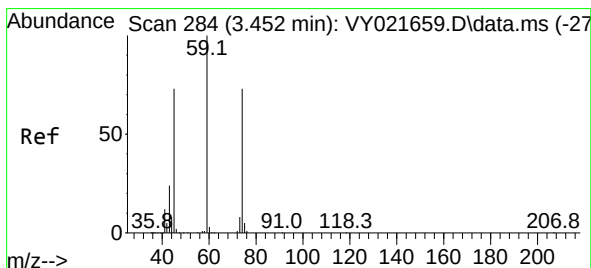
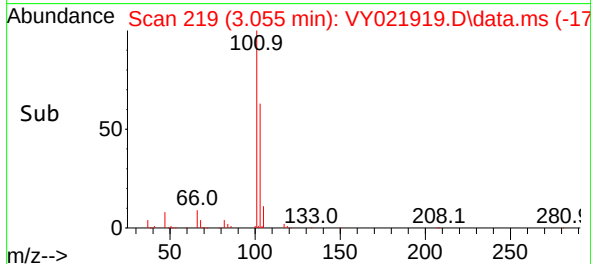
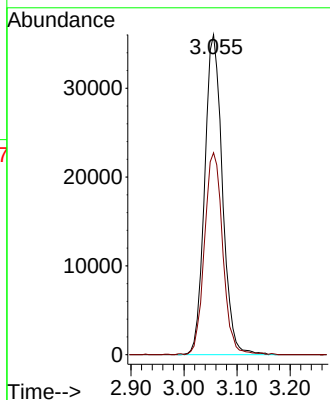
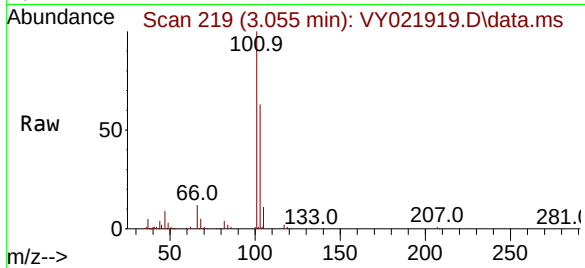




#7
 Trichlorofluoromethane
 Concen: 20.564 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

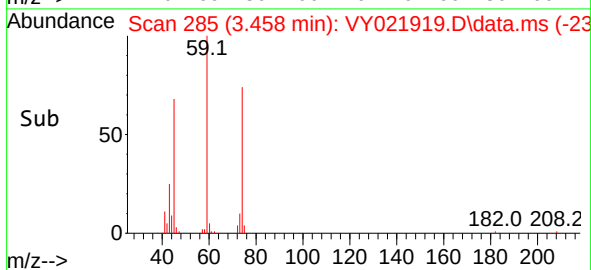
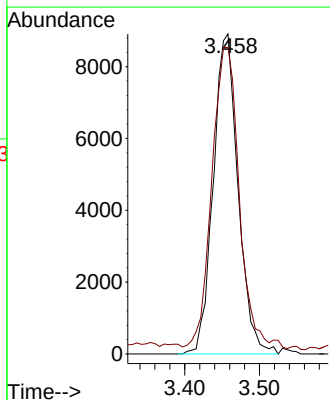
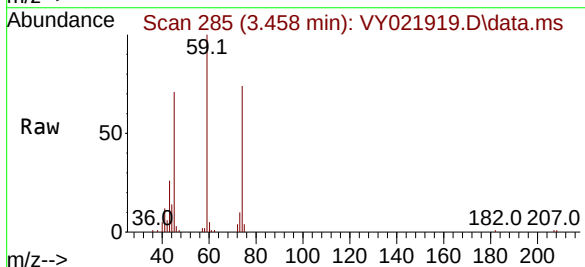
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

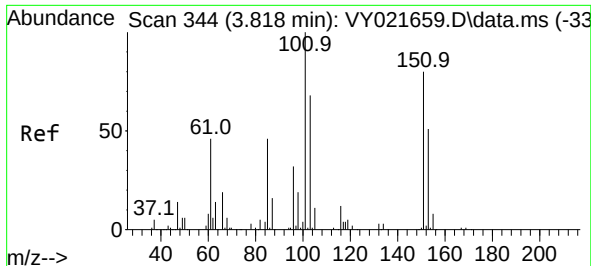
Tgt Ion:101 Resp: 83551
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.624 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion: 74 Resp: 20578
 Ion Ratio Lower Upper
 74 100
 45 103.8 48.6 145.8

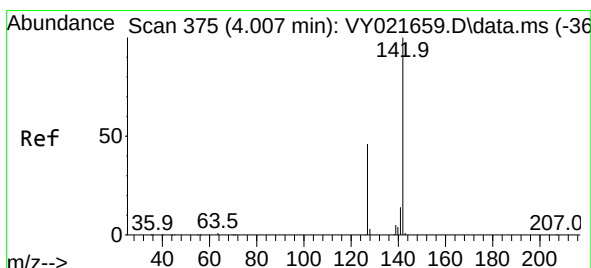
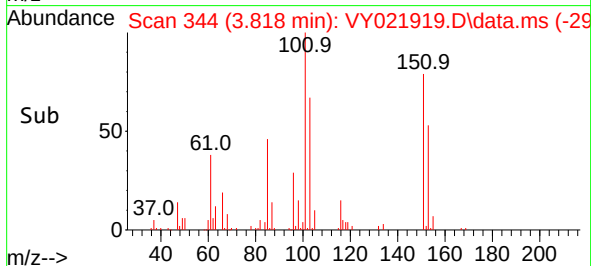
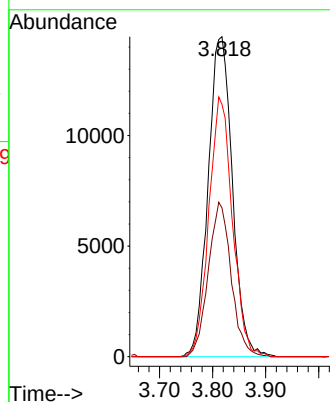
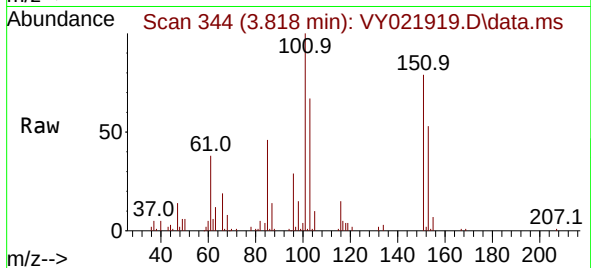




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.441 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

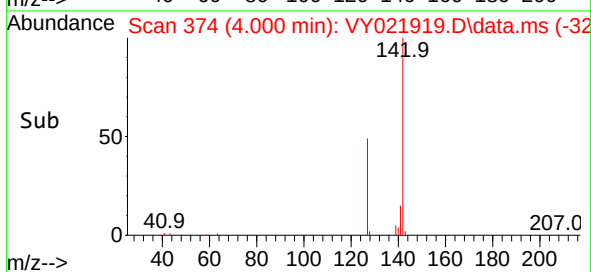
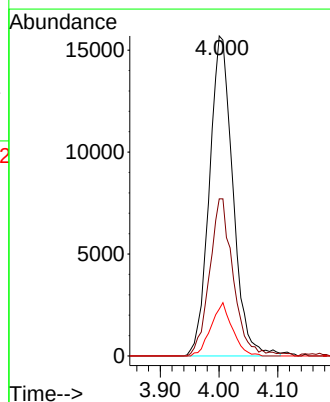
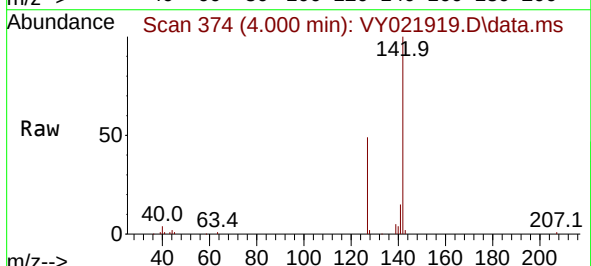
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

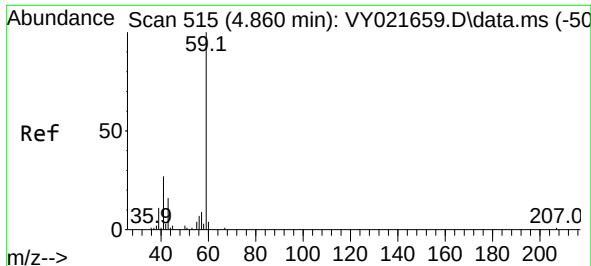
Tgt Ion:101 Resp: 45946
Ion Ratio Lower Upper
101 100
85 45.7 36.3 54.5
151 78.8 61.3 91.9



#10
Methyl Iodide
Concen: 18.553 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:142 Resp: 43617
Ion Ratio Lower Upper
142 100
127 49.7 38.7 58.1
141 15.2 11.5 17.3

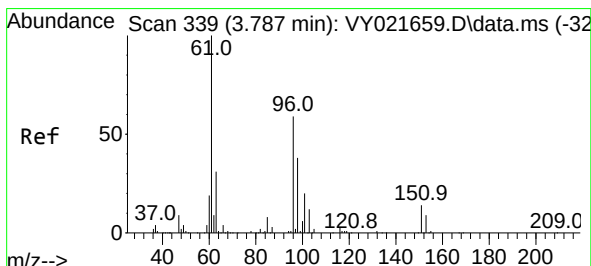
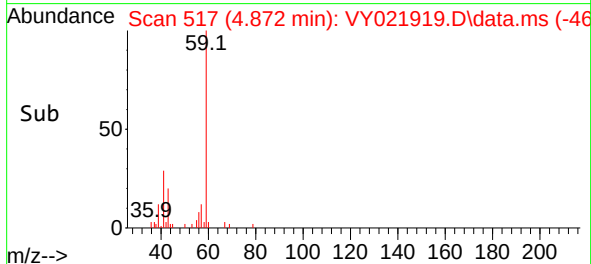
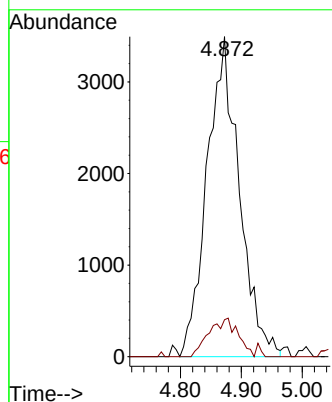
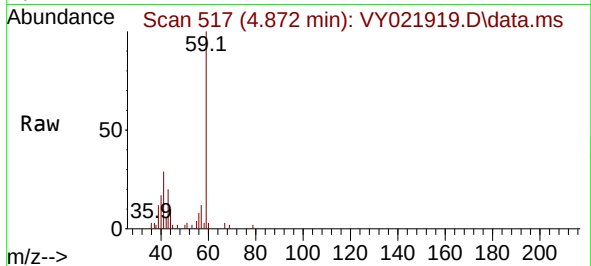




#11
Tert butyl alcohol
Concen: 94.704 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

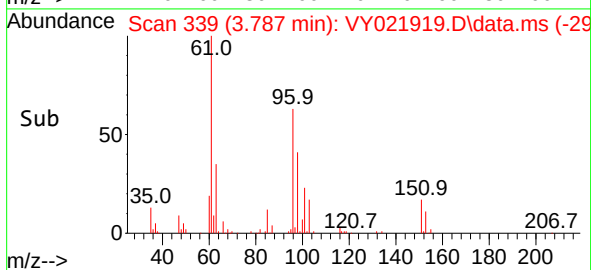
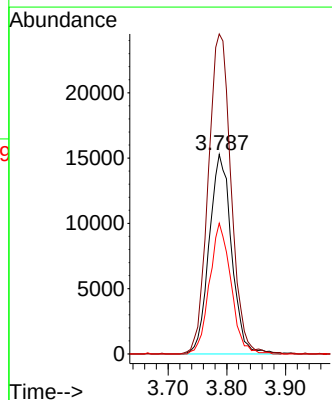
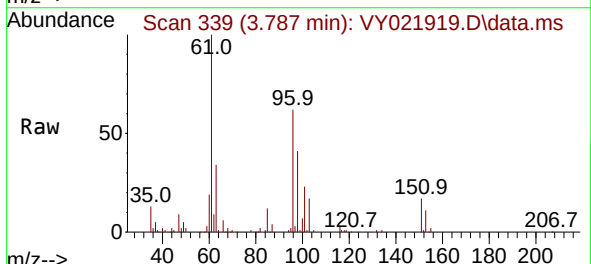
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

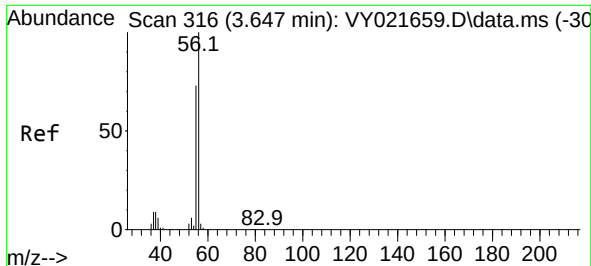
Tgt Ion: 59 Resp: 12825
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8



#12
1,1-Dichloroethene
Concen: 20.042 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 96 Resp: 40453
Ion Ratio Lower Upper
96 100
61 160.4 136.6 204.8
98 65.5 52.3 78.5





#13

Acrolein

Concen: 38.609 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

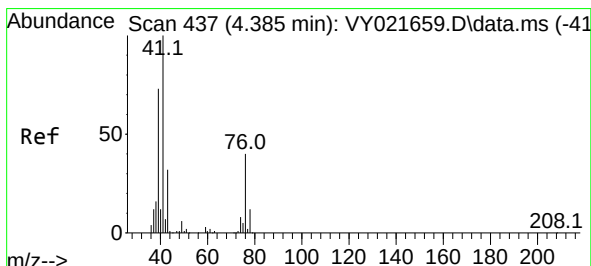
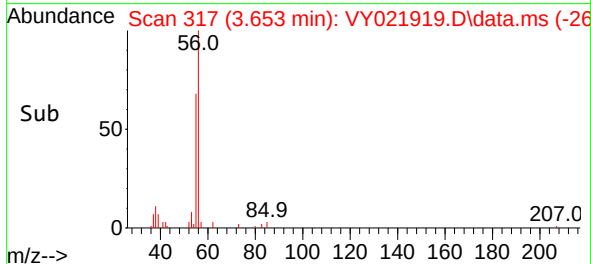
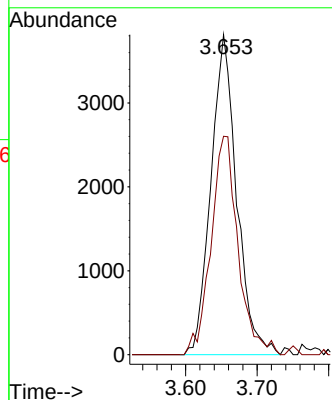
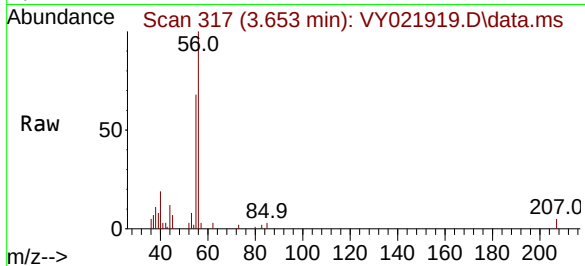
VY0418SBS01

Tgt Ion: 56 Resp: 9547

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 19.388 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

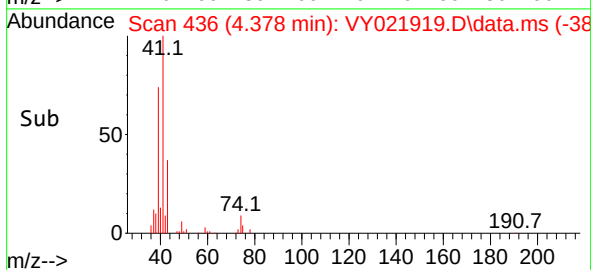
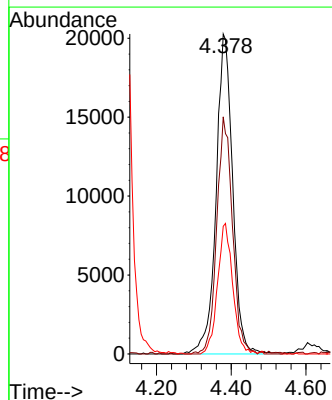
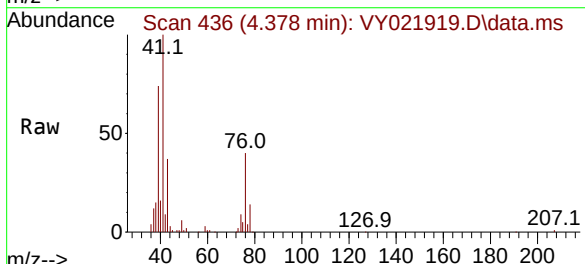
Tgt Ion: 41 Resp: 62394

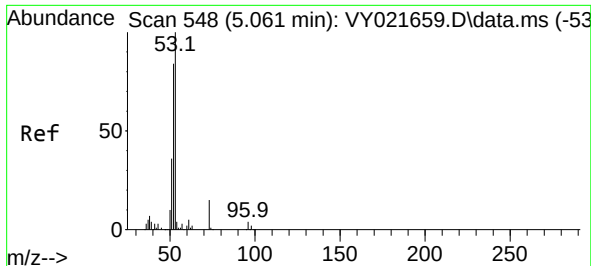
Ion Ratio Lower Upper

41 100

39 70.1 58.6 88.0

76 37.3 30.3 45.5

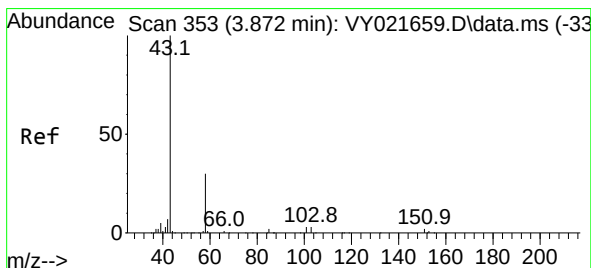
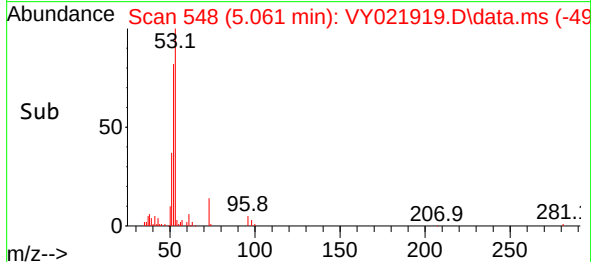
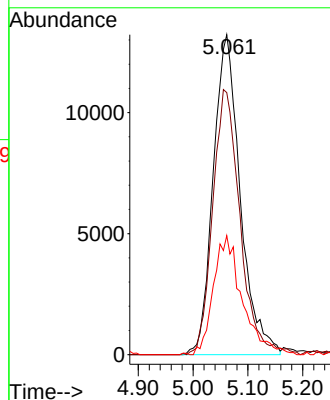
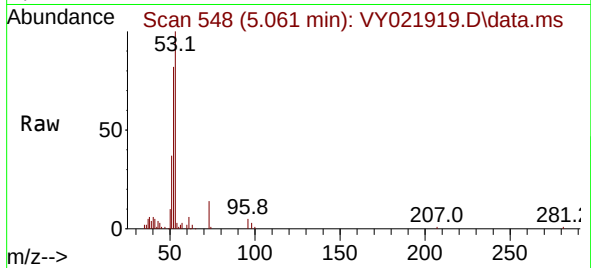




#15
Acrylonitrile
Concen: 98.077 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

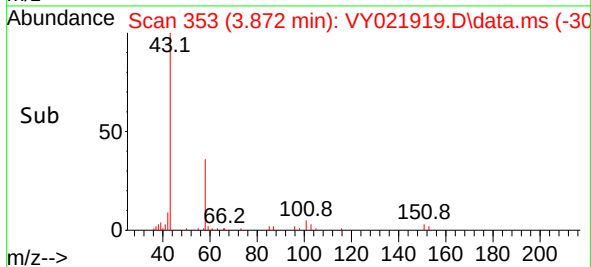
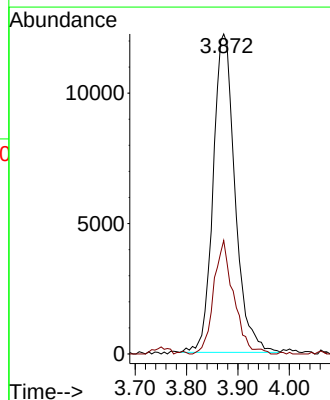
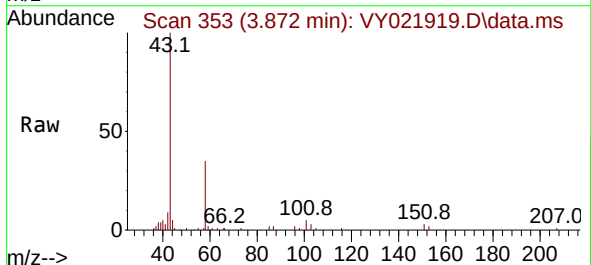
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

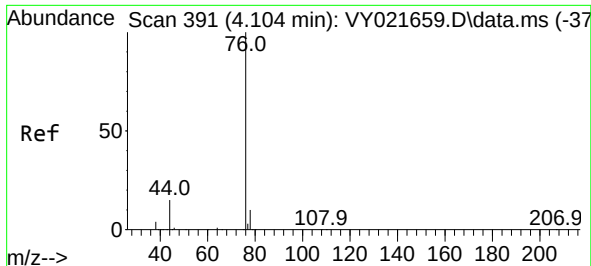
Tgt Ion: 53 Resp: 45247
Ion Ratio Lower Upper
53 100
52 83.9 64.9 97.3
51 39.6 30.2 45.2



#16
Acetone
Concen: 84.714 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 43 Resp: 36148
Ion Ratio Lower Upper
43 100
58 35.2 24.2 36.4

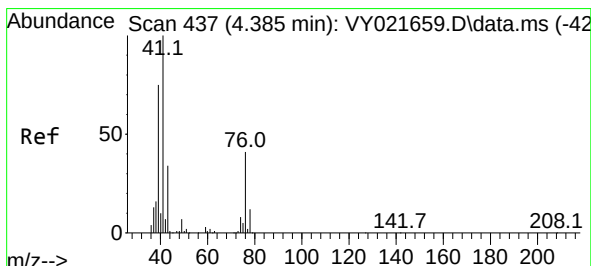
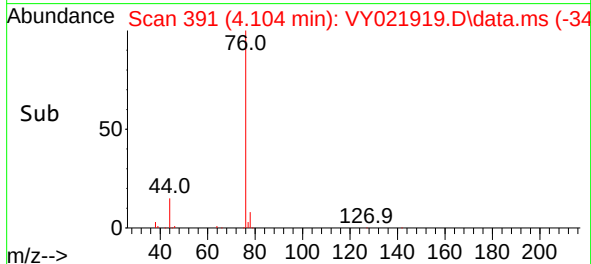
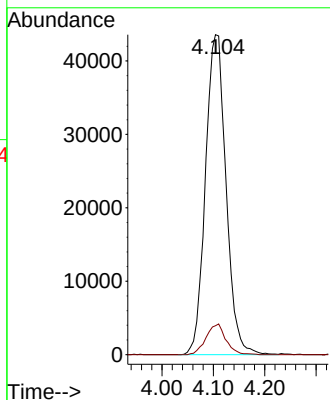
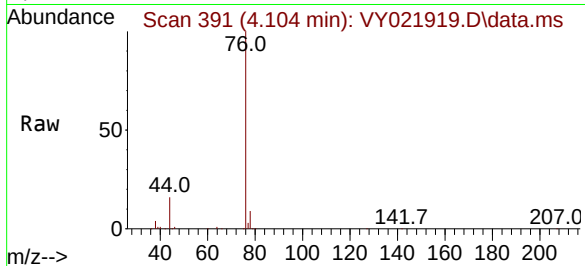




#17
Carbon Disulfide
Concen: 18.231 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

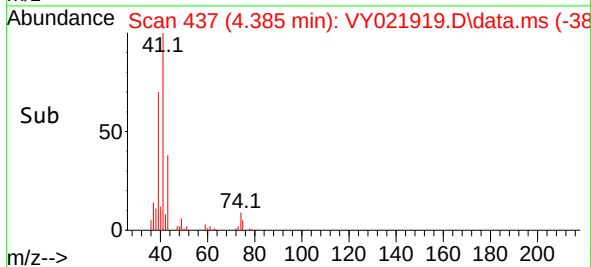
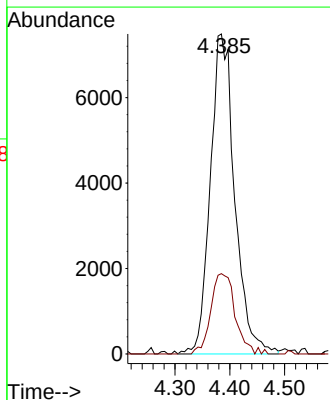
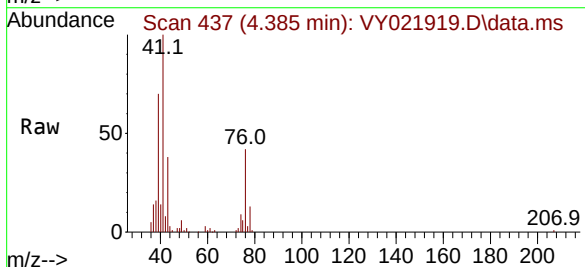
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

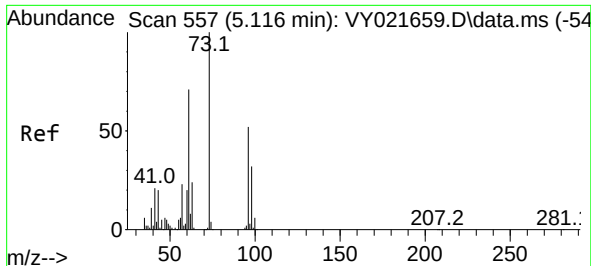
Tgt Ion: 76 Resp: 121204
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 21.919 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 43 Resp: 23180
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7

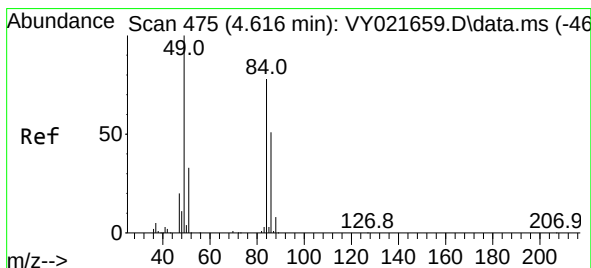
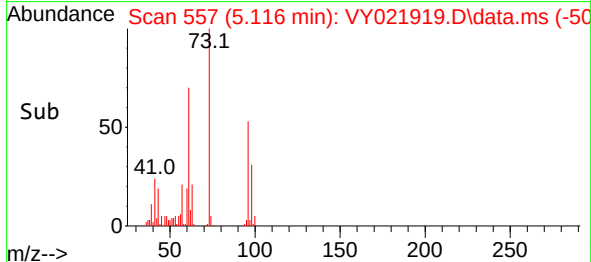
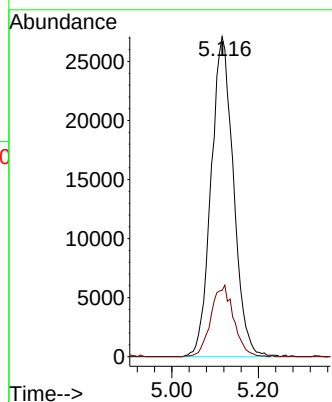
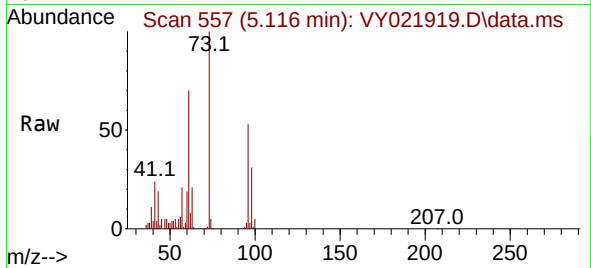




#19
Methyl tert-butyl Ether
Concen: 19.354 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

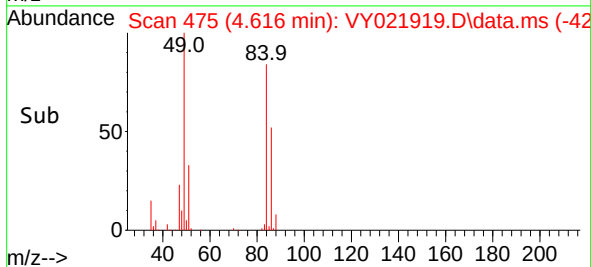
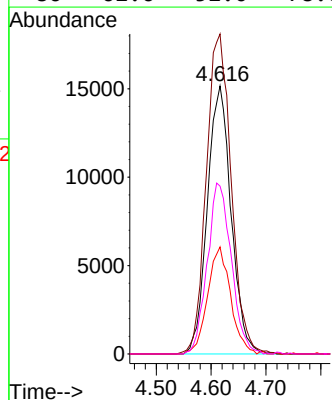
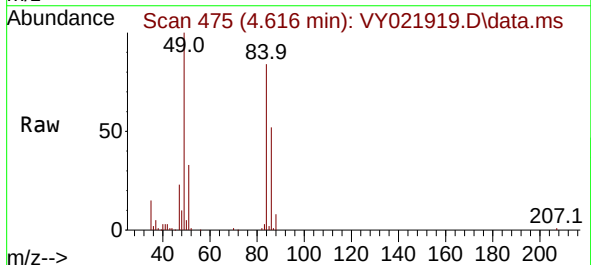
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

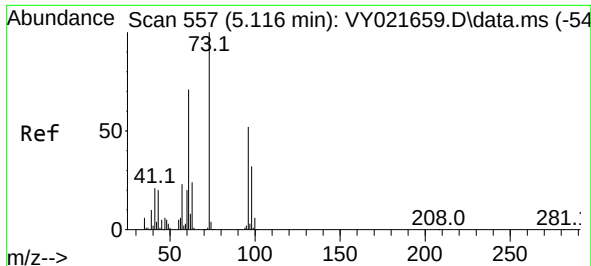
Tgt Ion: 73 Resp: 97258
Ion Ratio Lower Upper
73 100
57 20.7 18.1 27.1



#20
Methylene Chloride
Concen: 19.527 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 84 Resp: 45694
Ion Ratio Lower Upper
84 100
49 119.4 102.8 154.2
51 39.9 33.5 50.3
86 62.6 52.0 78.0

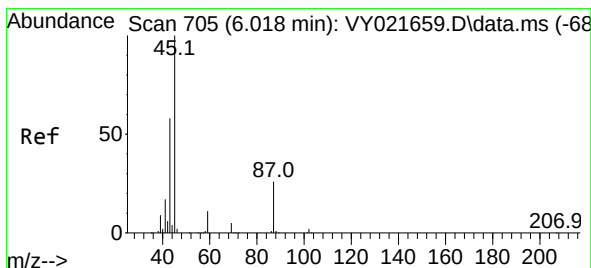
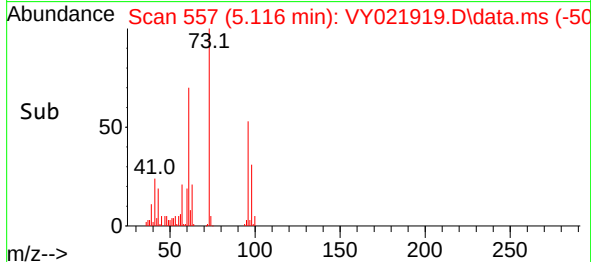
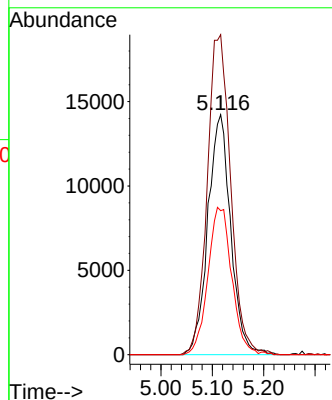
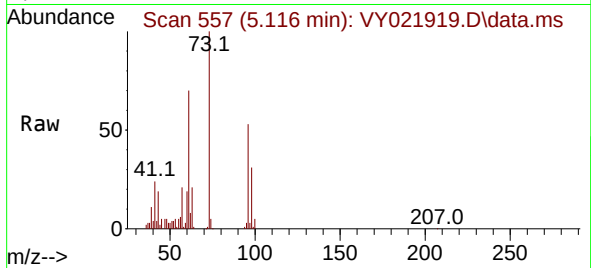




#21
trans-1,2-Dichloroethene
Concen: 19.776 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

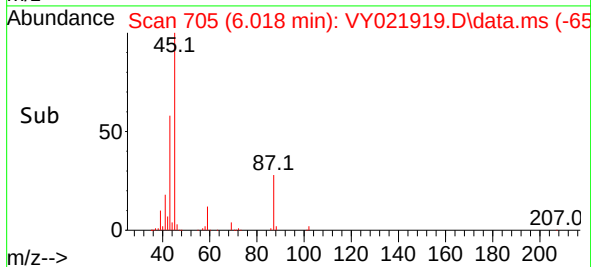
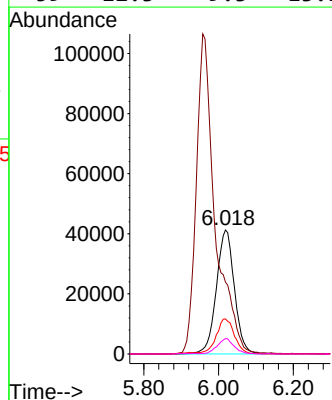
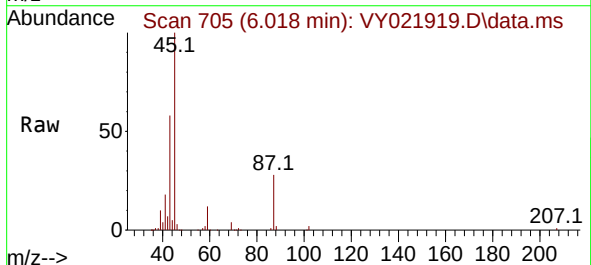
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

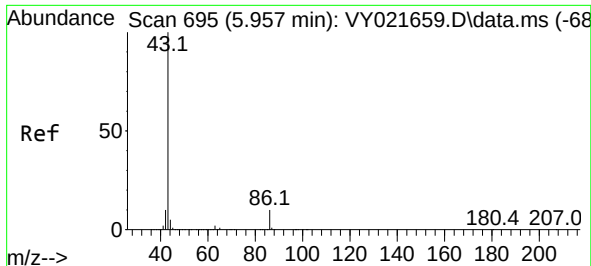
Tgt Ion: 96 Resp: 43949
Ion Ratio Lower Upper
96 100
61 133.3 109.4 164.0
98 60.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.490 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 45 Resp: 138325
Ion Ratio Lower Upper
45 100
43 57.5 46.6 69.8
87 28.3 20.7 31.1
59 12.3 9.3 13.9

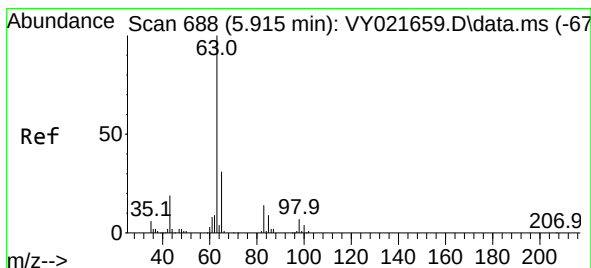
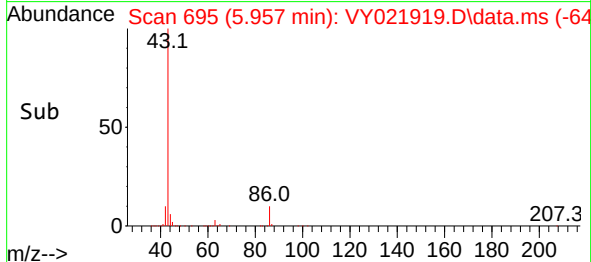
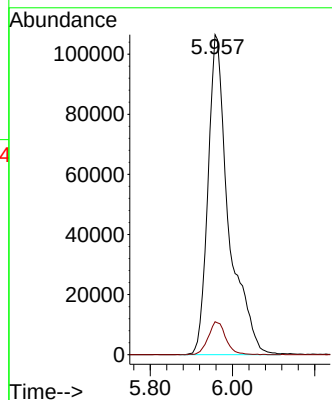
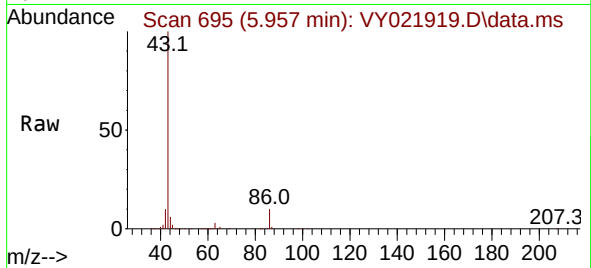




#23
 Vinyl Acetate
 Concen: 94.292 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

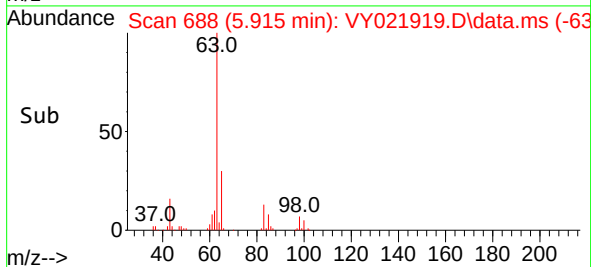
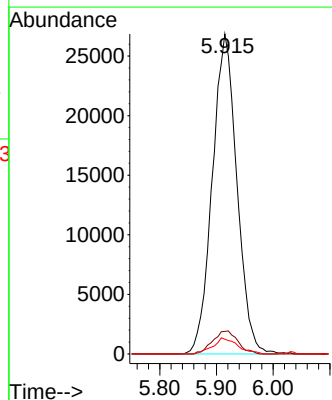
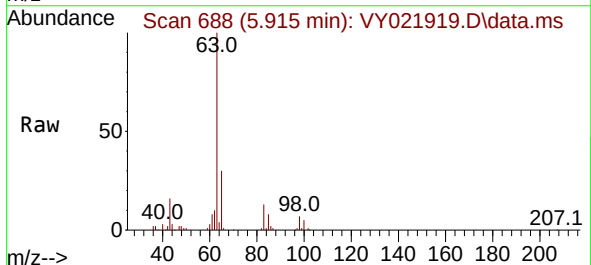
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

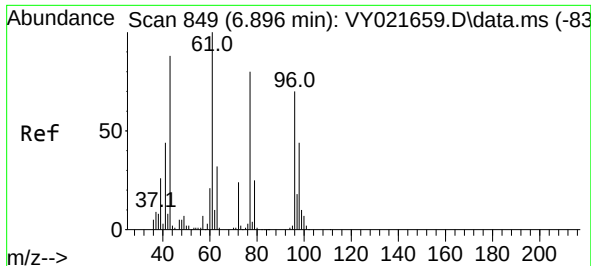
Tgt Ion: 43 Resp: 372390
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.024 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion: 63 Resp: 80833
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.2 6.6

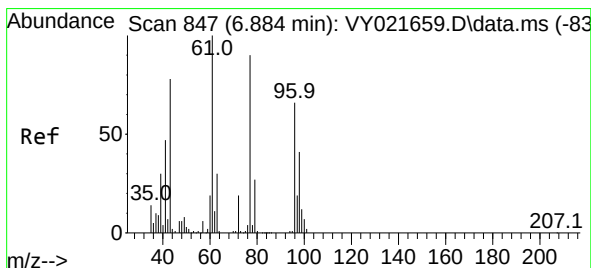
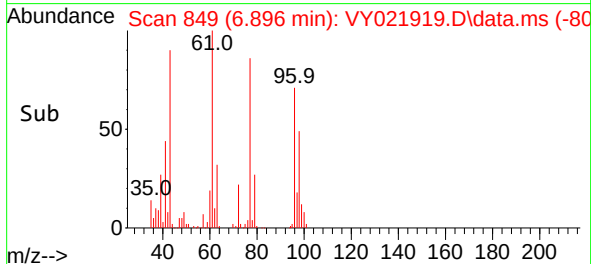
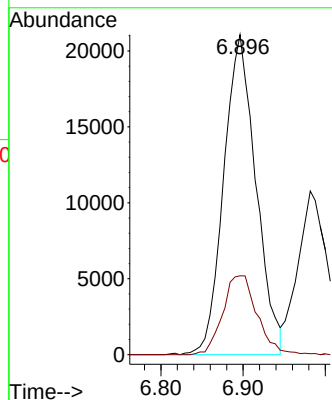
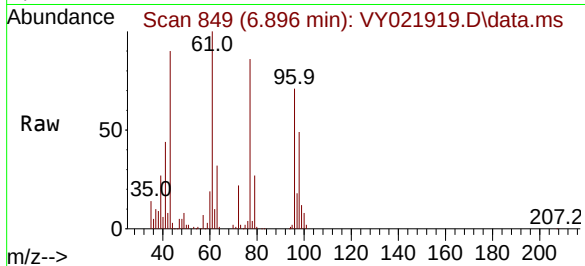




#25
2-Butanone
Concen: 93.981 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

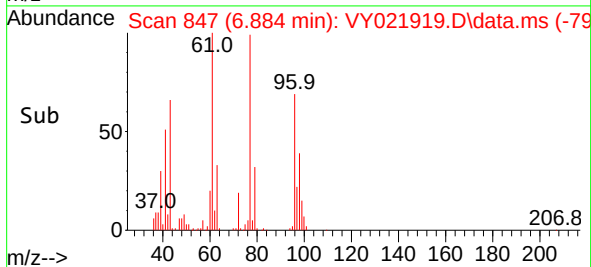
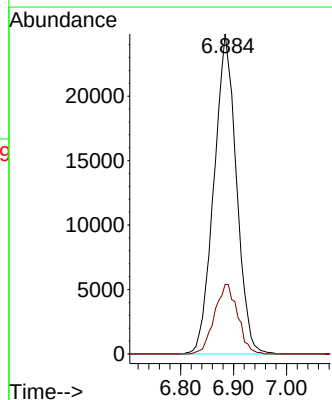
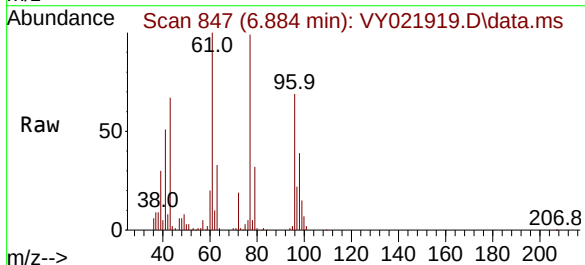
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

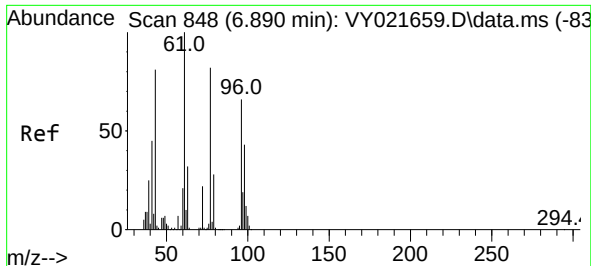
Tgt Ion: 43 Resp: 57278
Ion Ratio Lower Upper
43 100
72 24.7 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.332 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 77 Resp: 73009
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.848 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

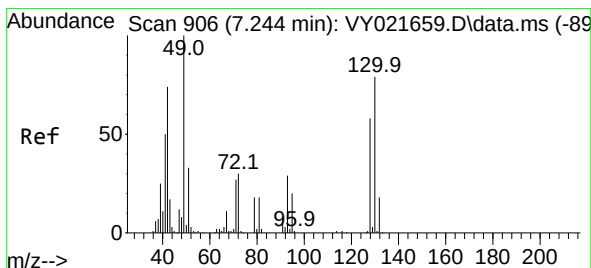
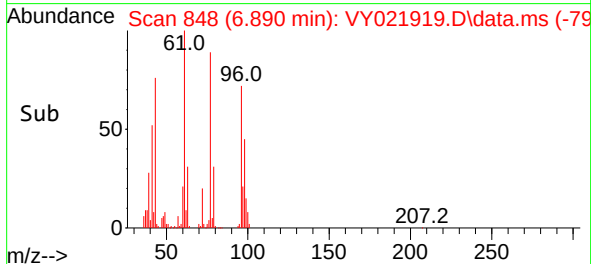
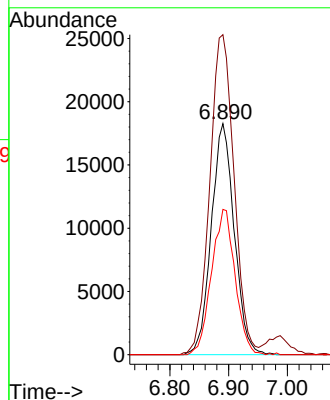
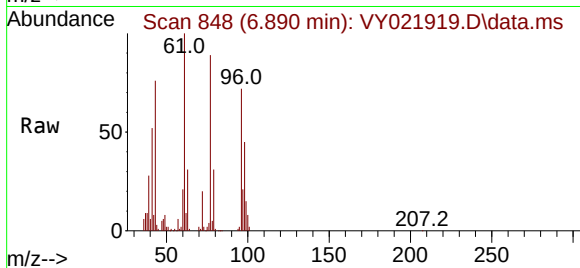
Tgt Ion: 96 Resp: 49603

Ion Ratio Lower Upper

96 100

61 146.4 0.0 296.4

98 64.6 0.0 128.0



#28

Bromochloromethane

Concen: 20.297 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

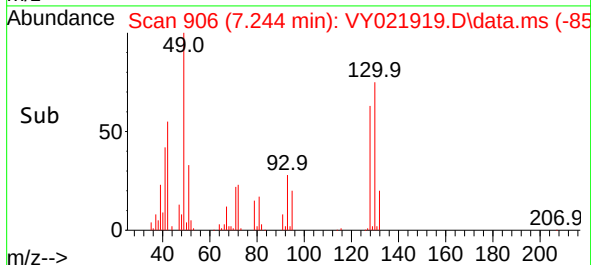
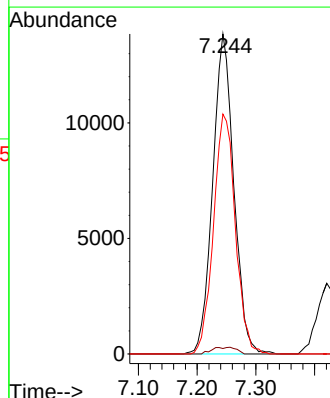
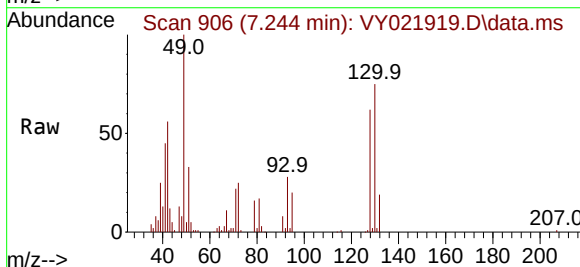
Tgt Ion: 49 Resp: 34555

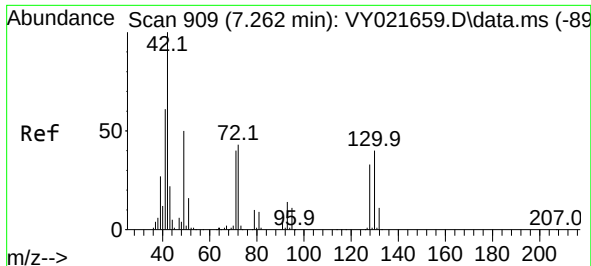
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

130 77.7 60.1 90.1





#29

Tetrahydrofuran

Concen: 94.895 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

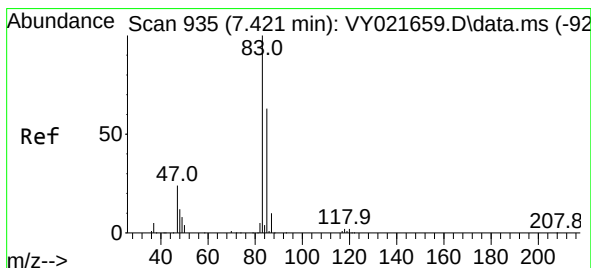
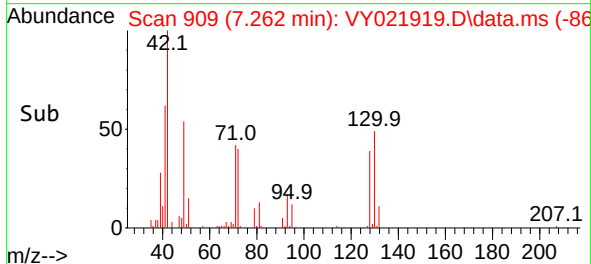
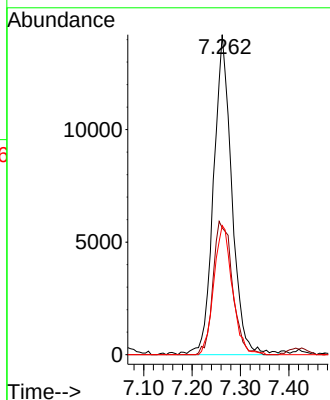
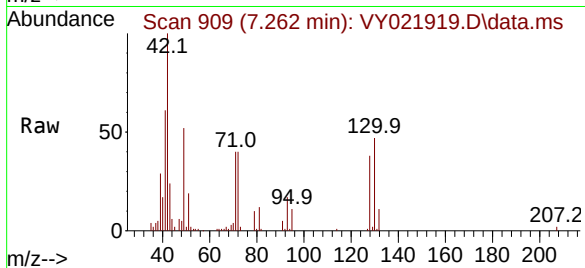
Tgt Ion: 42 Resp: 37222

Ion Ratio Lower Upper

42 100

72 44.3 34.6 52.0

71 40.9 32.5 48.7



#30

Chloroform

Concen: 20.825 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021919.D

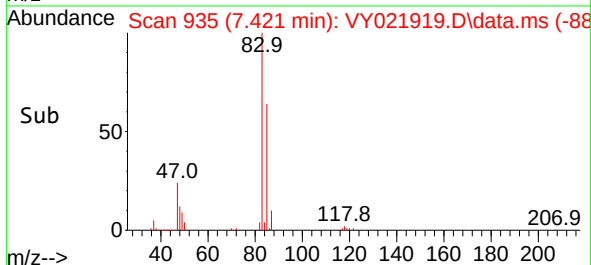
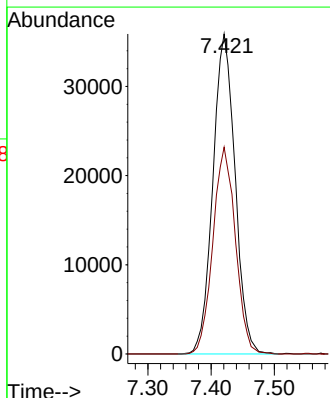
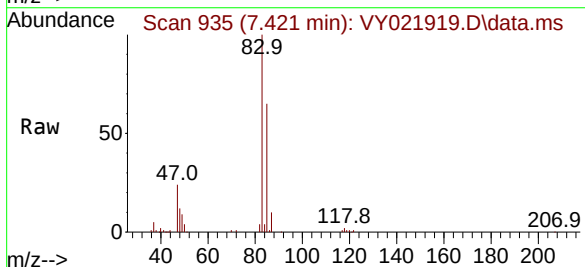
Acq: 18 Apr 2025 10:13

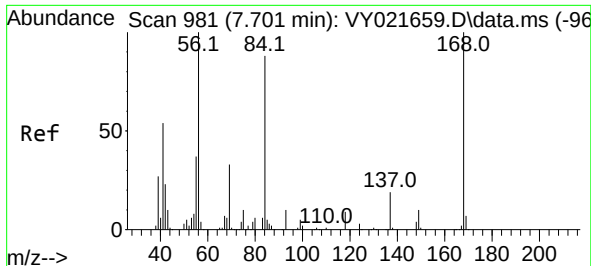
Tgt Ion: 83 Resp: 87436

Ion Ratio Lower Upper

83 100

85 64.6 50.6 75.8

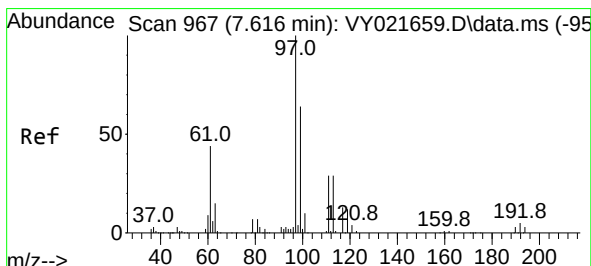
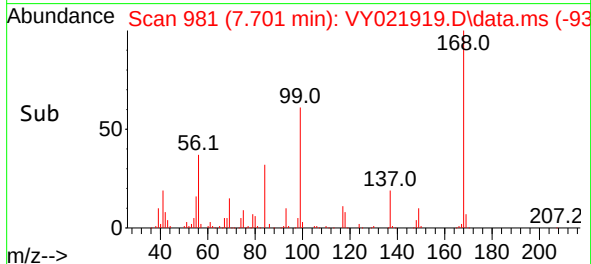
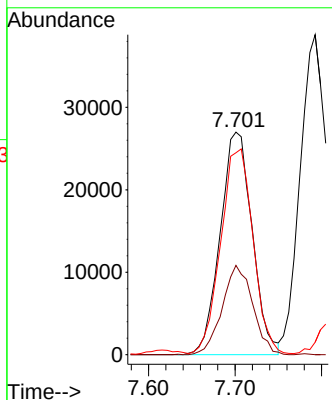
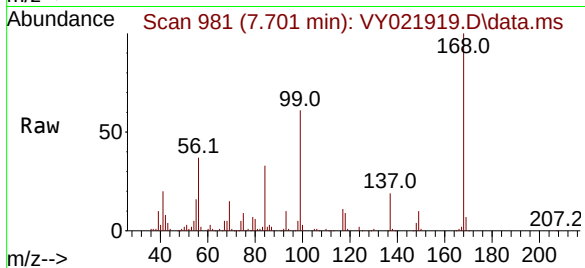




#31
Cyclohexane
Concen: 18.849 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

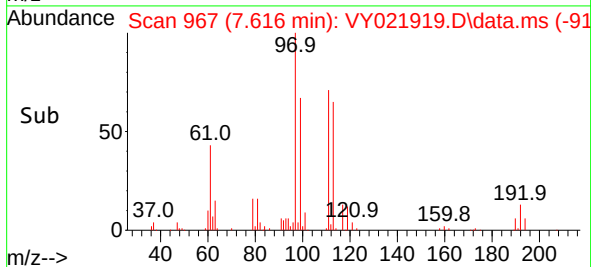
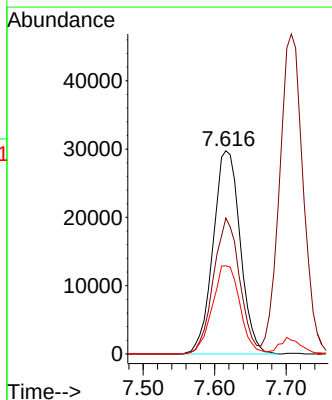
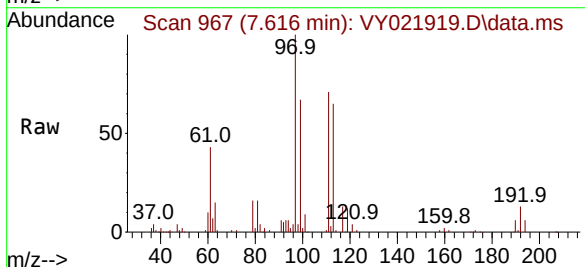
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

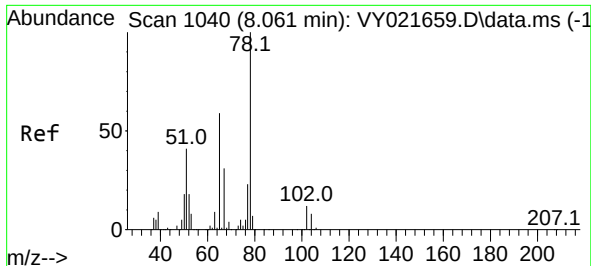
Tgt Ion: 56 Resp: 69360
Ion Ratio Lower Upper
56 100
69 39.9 26.6 40.0
84 89.3 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.640 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 97 Resp: 78325
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 44.3 35.2 52.8

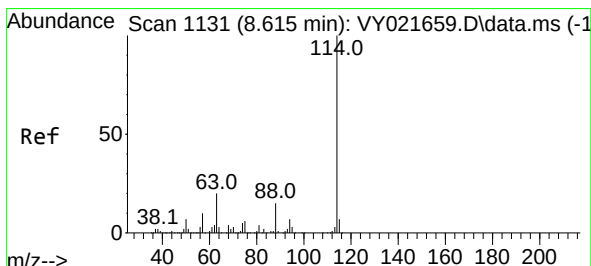
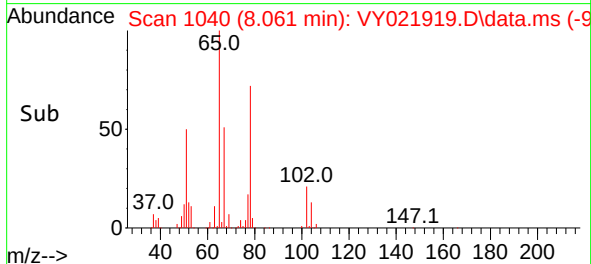
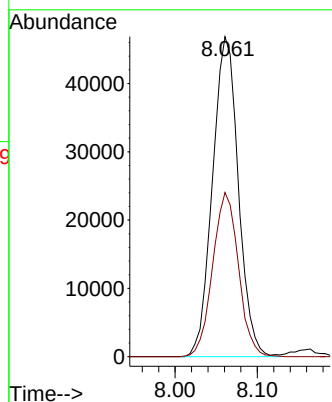
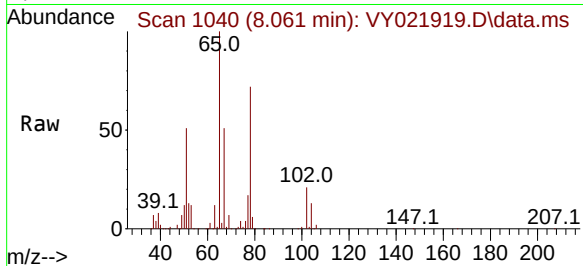




#33
 1,2-Dichloroethane-d4
 Concen: 49.158 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

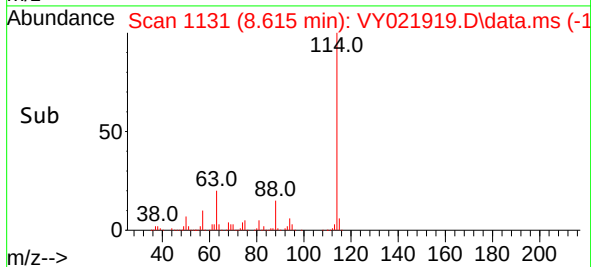
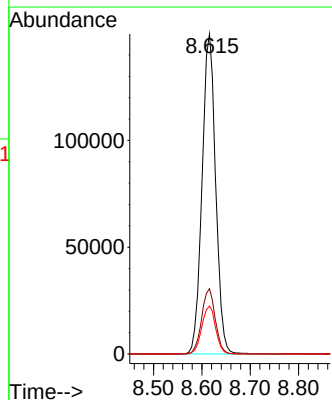
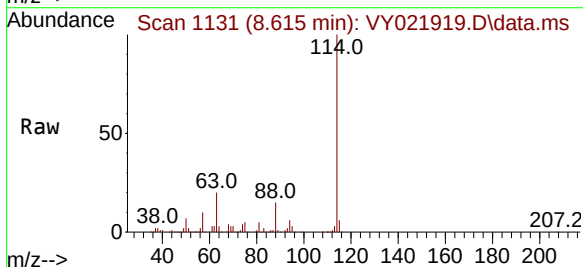
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

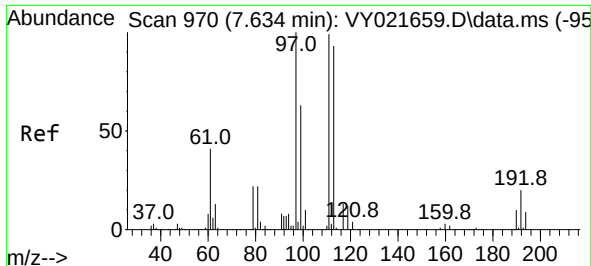
Tgt Ion: 65 Resp: 102492
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion: 114 Resp: 291944
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 14.9 0.0 29.8

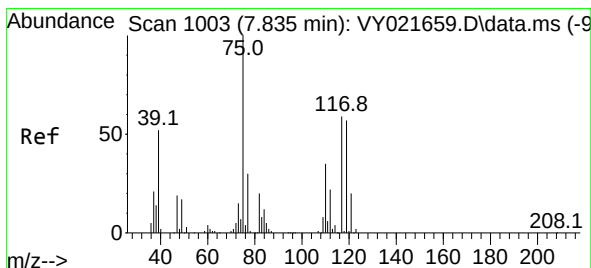
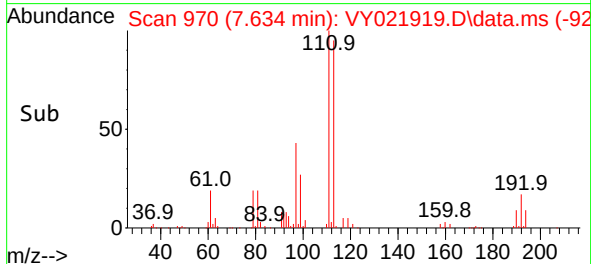
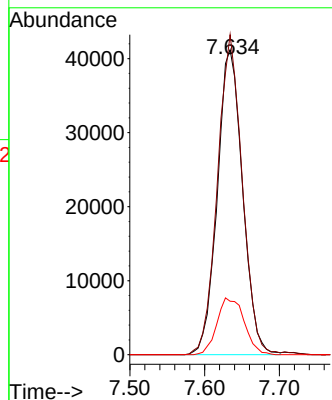
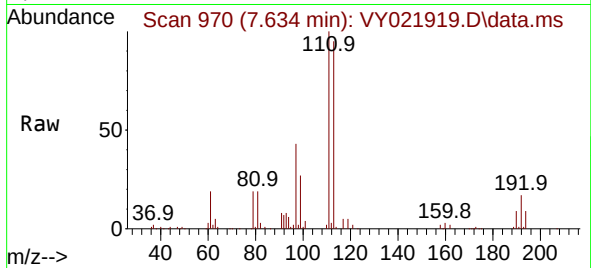




#35
Dibromofluoromethane
Concen: 51.167 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

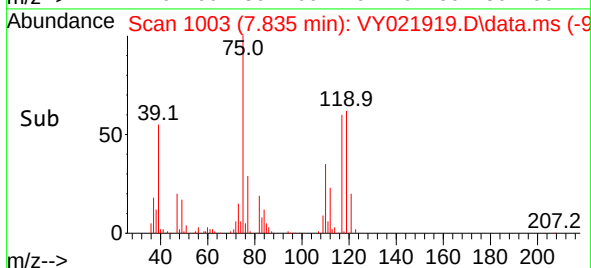
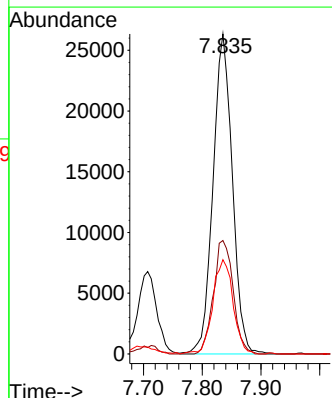
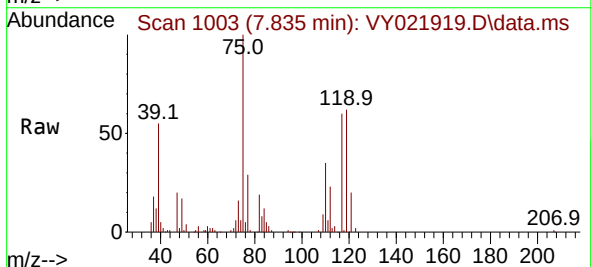
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

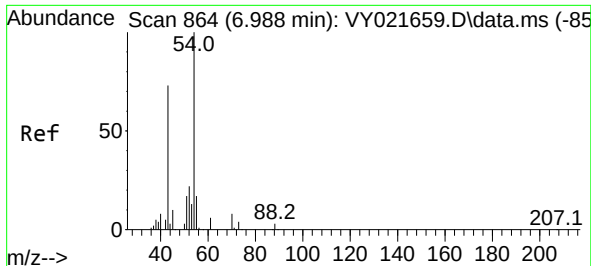
Tgt Ion:113 Resp: 96899
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 20.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.880 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 75 Resp: 60230
Ion Ratio Lower Upper
75 100
110 36.2 17.0 50.9
77 31.0 24.8 37.2

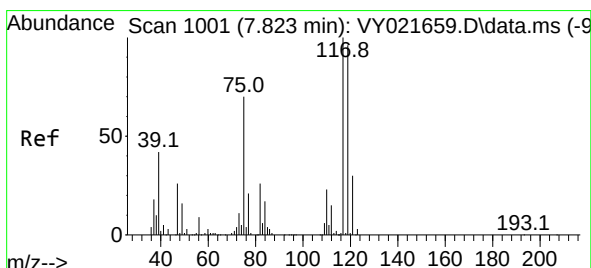
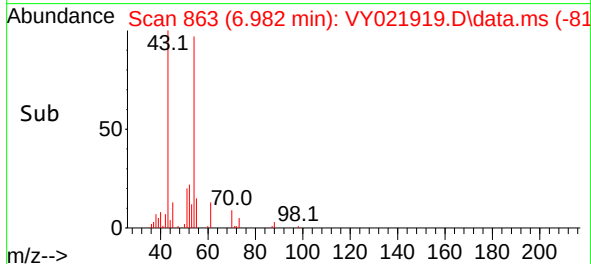
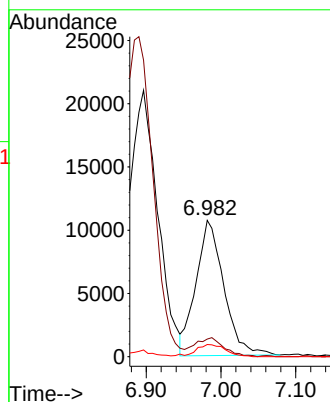
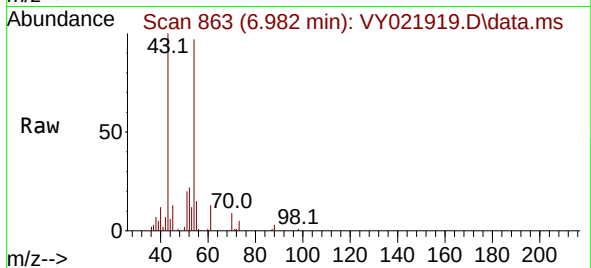




#37
Ethyl Acetate
Concen: 20.359 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

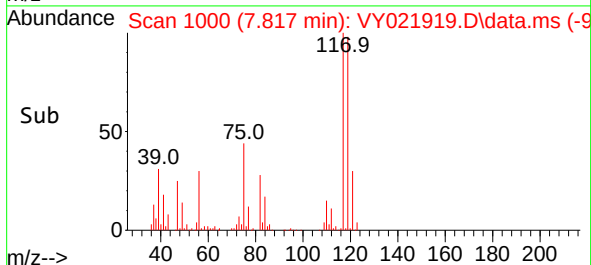
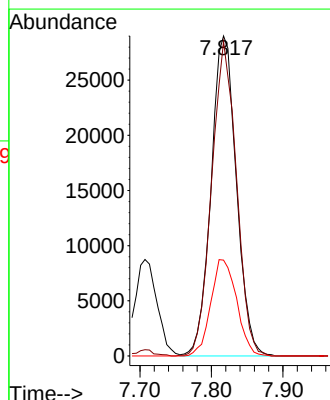
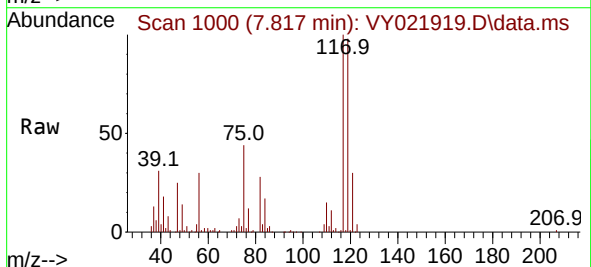
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

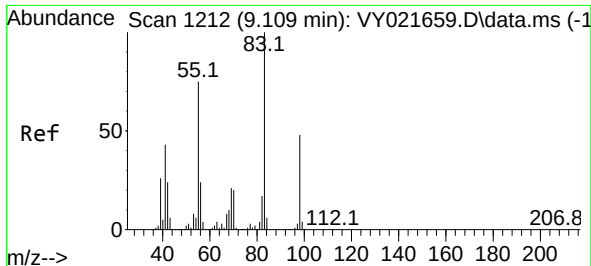
Tgt Ion:	43	Resp:	27716
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.6
70	9.7	8.1	12.1



#38
Carbon Tetrachloride
Concen: 21.603 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:	117	Resp:	71372
Ion	Ratio	Lower	Upper
117	100		
119	98.3	76.2	114.4
121	30.0	24.2	36.4

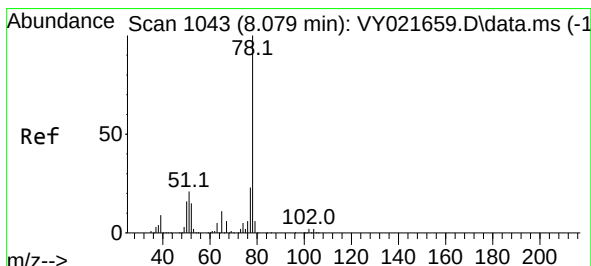
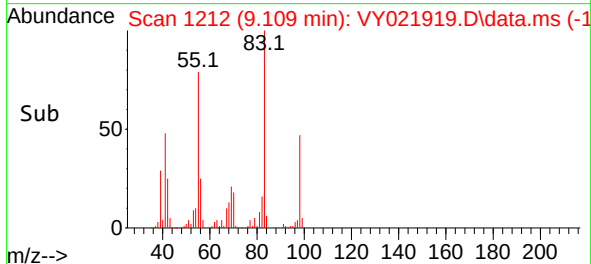
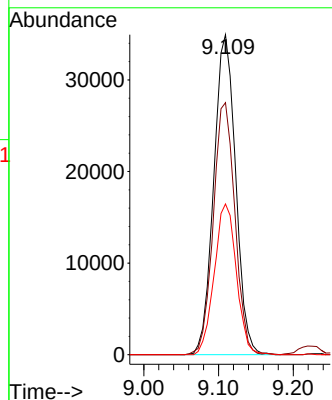
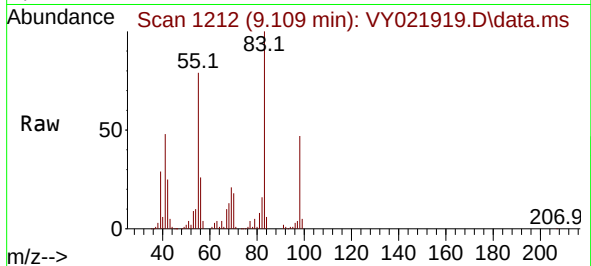




#39
Methylcyclohexane
Concen: 20.626 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

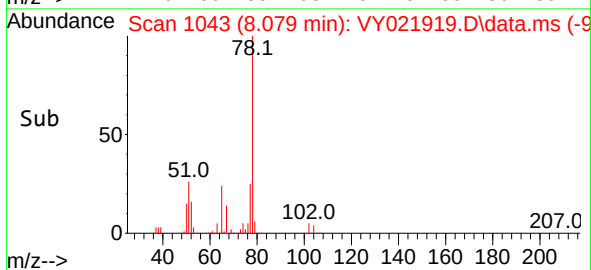
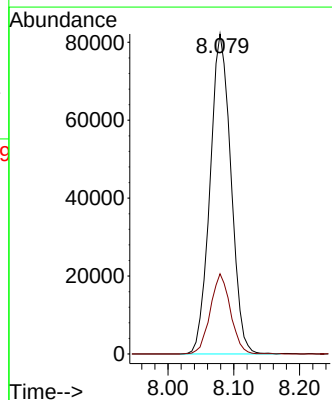
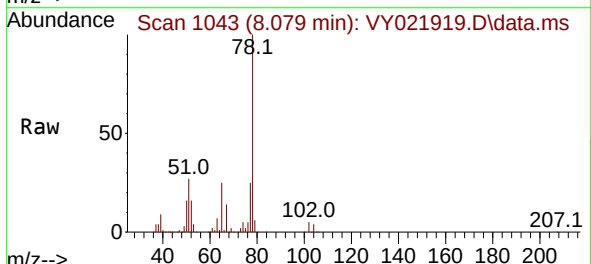
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

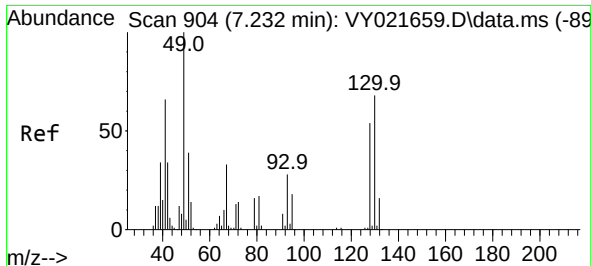
Tgt Ion: 83 Resp: 71074
Ion Ratio Lower Upper
83 100
55 78.8 59.7 89.5
98 47.1 38.3 57.5



#40
Benzene
Concen: 21.031 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 78 Resp: 181679
Ion Ratio Lower Upper
78 100
77 25.0 18.8 28.2

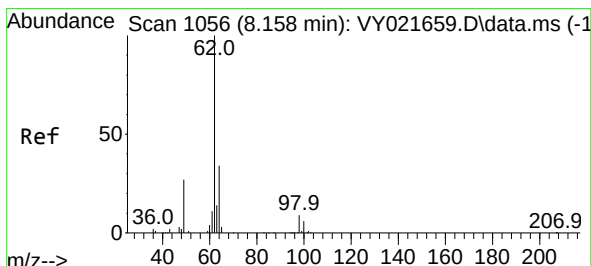
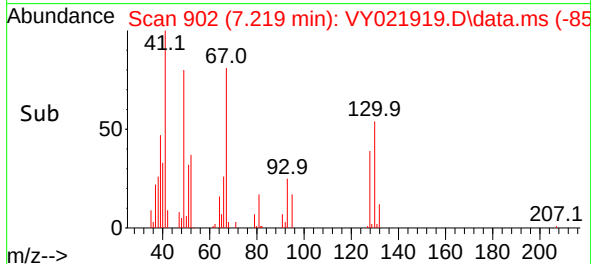
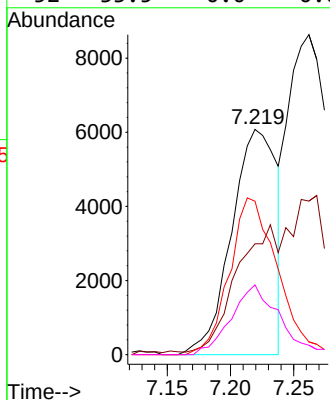
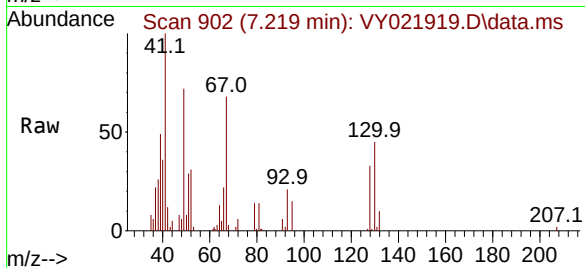




#41
Methacrylonitrile
Concen: 20.834 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

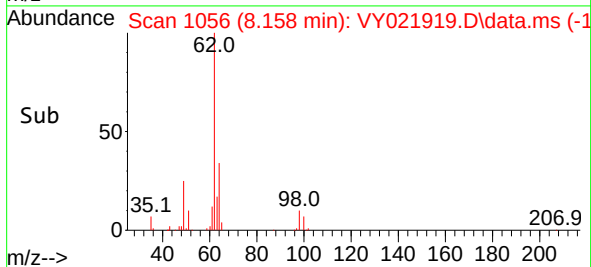
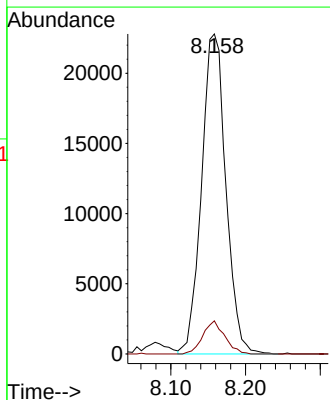
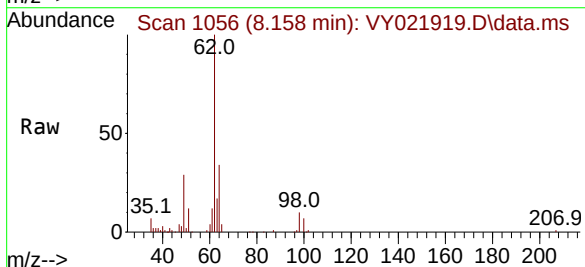
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

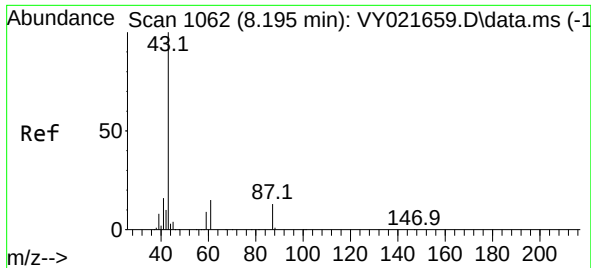
Tgt Ion:	41	Resp:	15062
Ion	Ratio	Lower	Upper
41	100		
39	51.6	0.0	0.0#
67	74.2	0.0	0.0#
52	33.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:	62	Resp:	51568
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

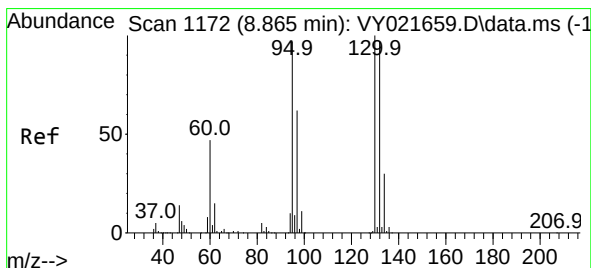
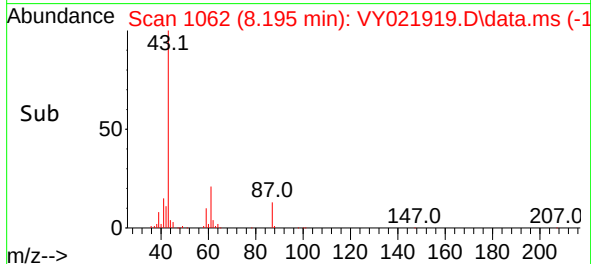
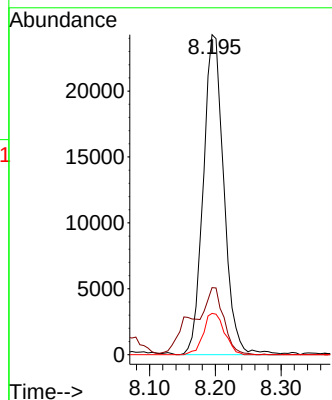
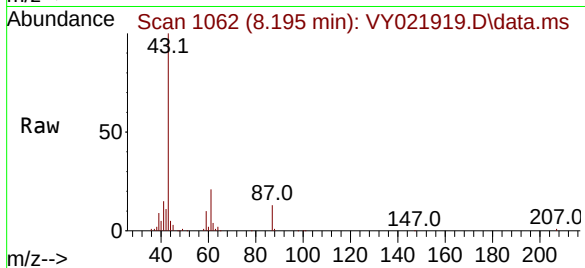




#43
Isopropyl Acetate
Concen: 20.479 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

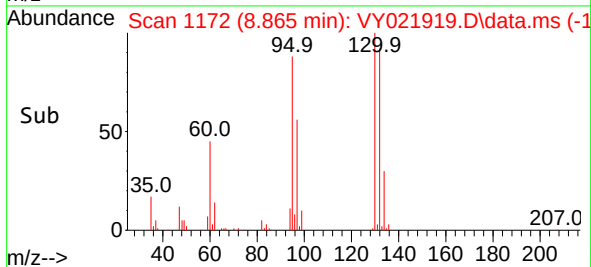
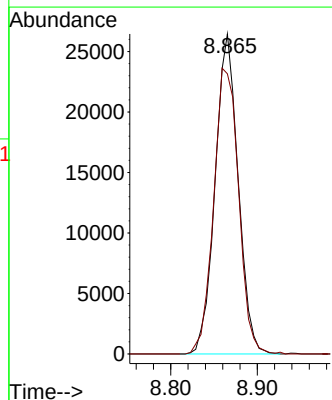
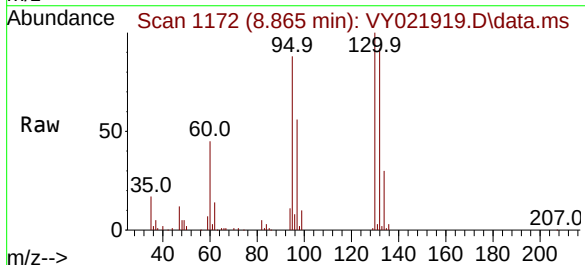
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

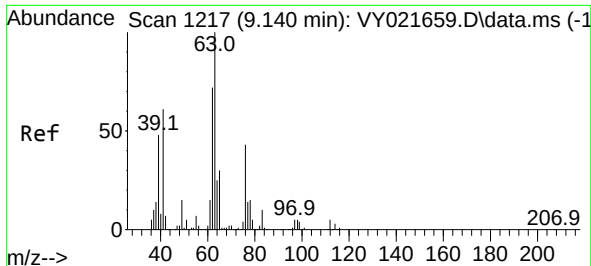
Tgt Ion: 43 Resp: 52832
Ion Ratio Lower Upper
43 100
61 18.8 15.9 23.9
87 13.3 10.4 15.6



#44
Trichloroethene
Concen: 22.174 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:130 Resp: 48805
Ion Ratio Lower Upper
130 100
95 87.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.257 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

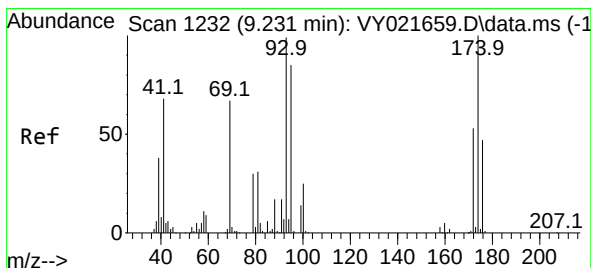
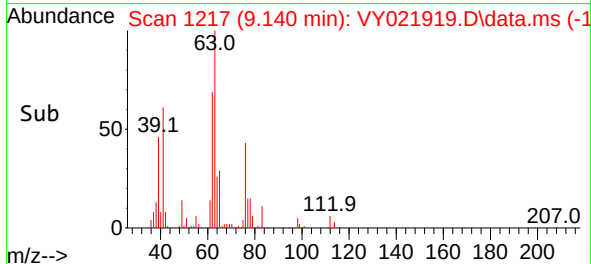
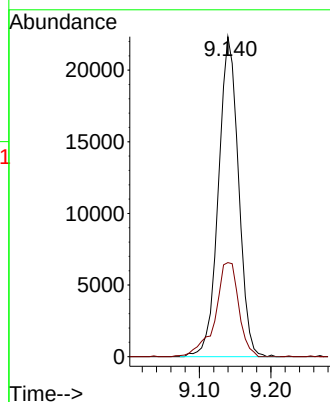
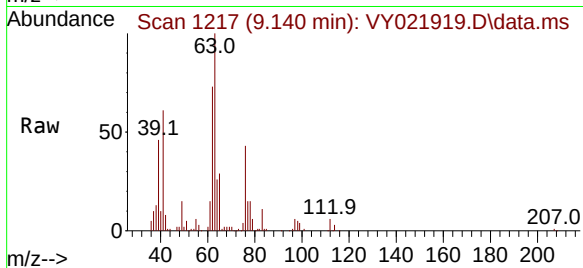
VY0418SBS01

Tgt Ion: 63 Resp: 43465

Ion Ratio Lower Upper

63 100

65 29.4 24.4 36.6



#46

Dibromomethane

Concen: 21.297 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

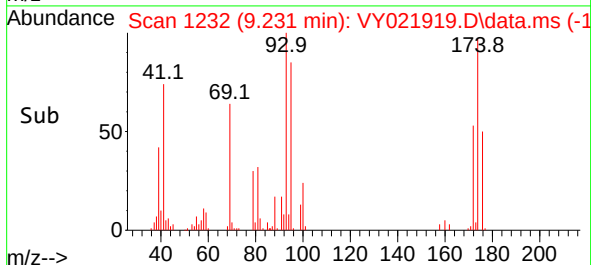
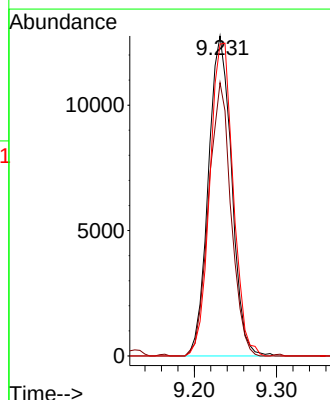
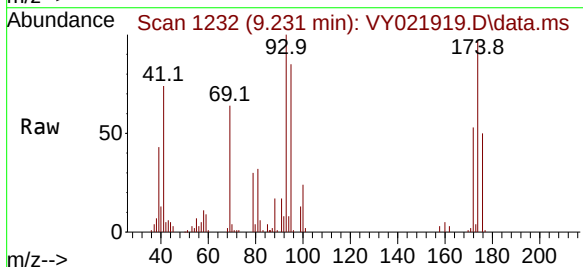
Tgt Ion: 93 Resp: 25097

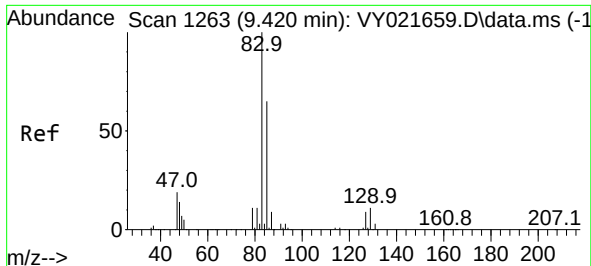
Ion Ratio Lower Upper

93 100

95 82.4 68.1 102.1

174 98.3 80.9 121.3

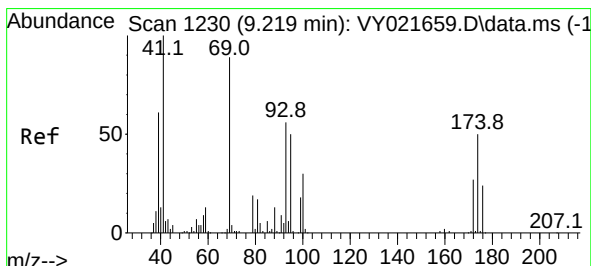
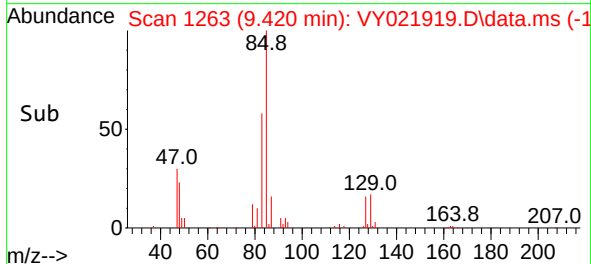
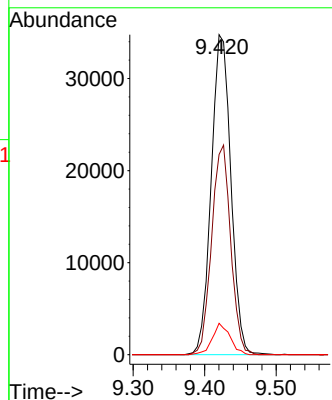
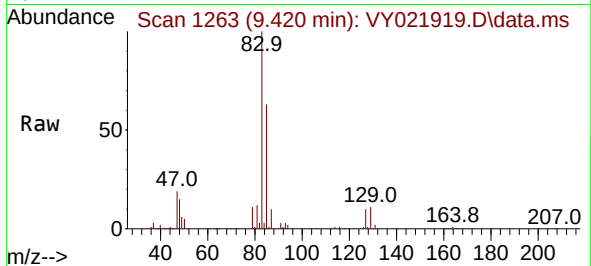




#47
Bromodichloromethane
Concen: 21.722 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

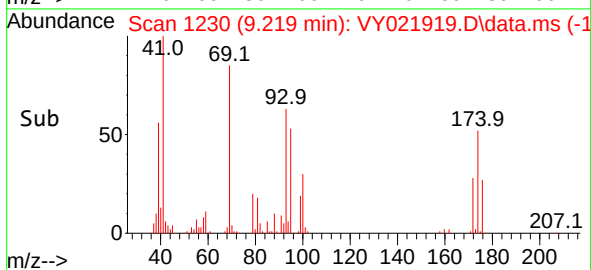
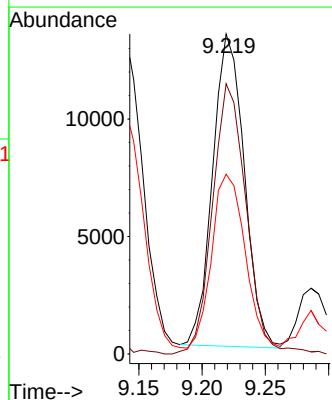
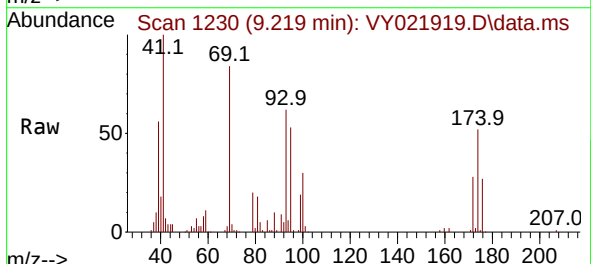
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

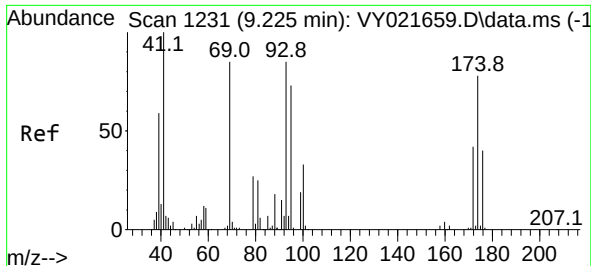
Tgt Ion: 83 Resp: 66331
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.6
127 9.8 6.8 10.2



#48
Methyl methacrylate
Concen: 19.495 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 41 Resp: 23083
Ion Ratio Lower Upper
41 100
69 92.3 69.8 104.8
39 59.0 47.2 70.8

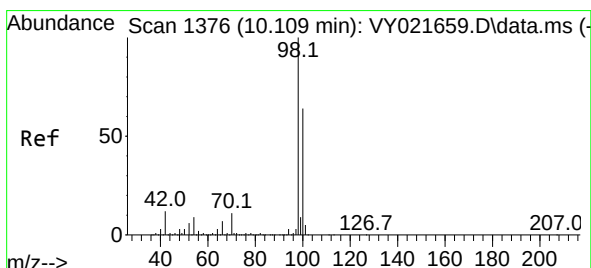
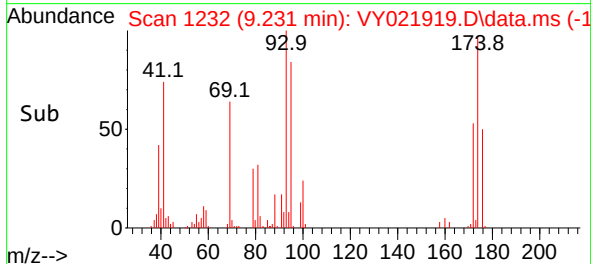
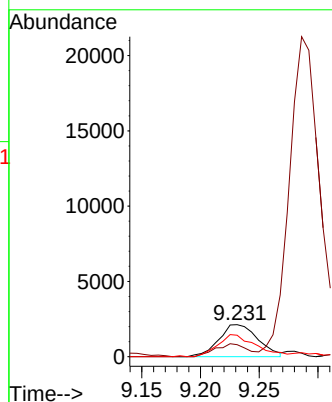
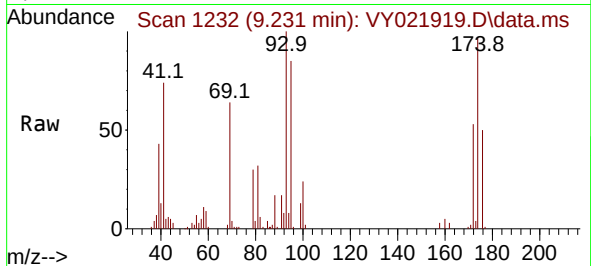




#49
1,4-Dioxane
Concen: 388.458 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

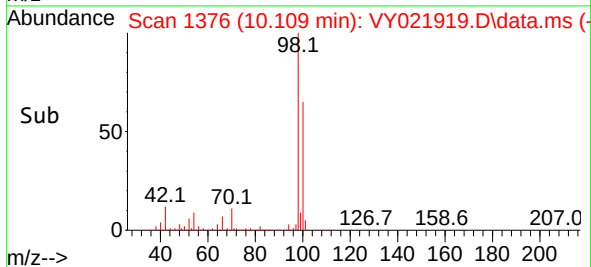
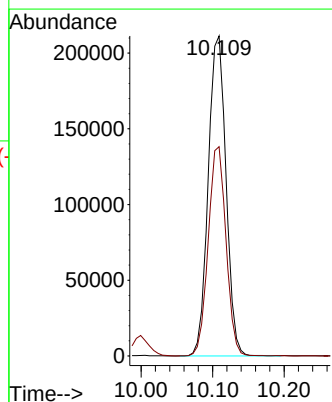
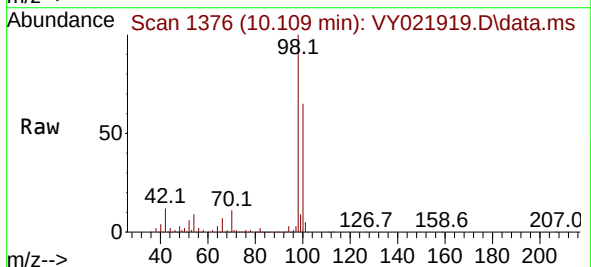
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

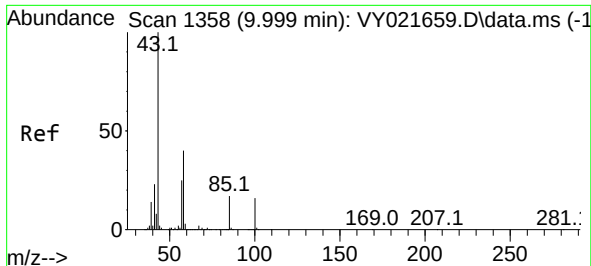
Tgt Ion: 88 Resp: 4904
Ion Ratio Lower Upper
88 100
43 33.9 28.8 43.2
58 67.3 59.4 89.2



#50
Toluene-d8
Concen: 50.679 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 98 Resp: 365119
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 101.361 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

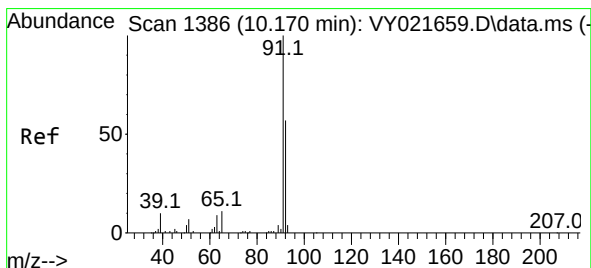
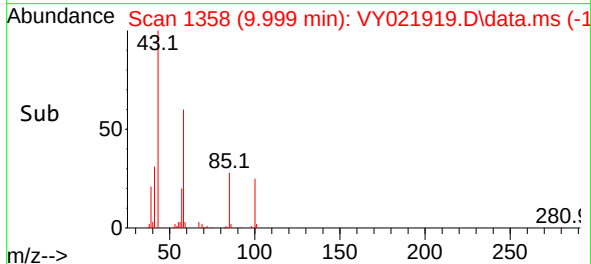
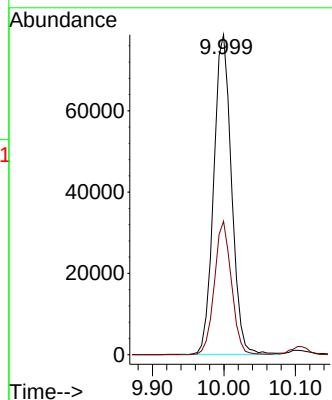
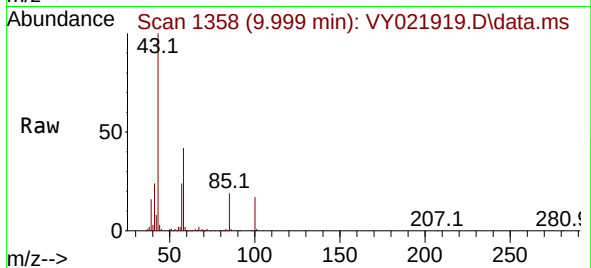
VY0418SBS01

Tgt Ion: 43 Resp: 136081

Ion Ratio Lower Upper

43 100

58 39.9 31.5 47.3



#52

Toluene

Concen: 21.368 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021919.D

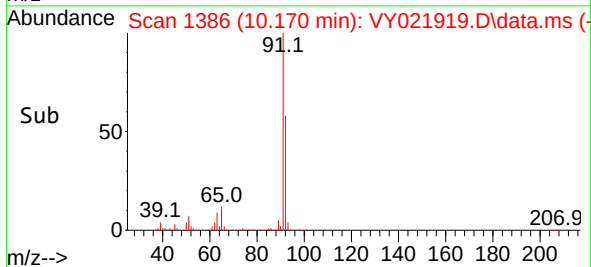
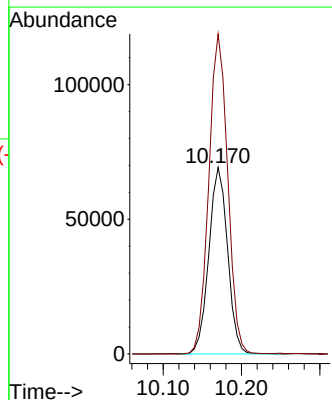
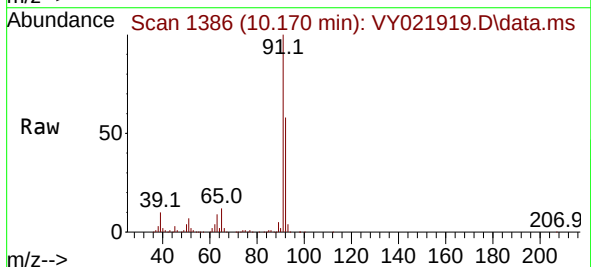
Acq: 18 Apr 2025 10:13

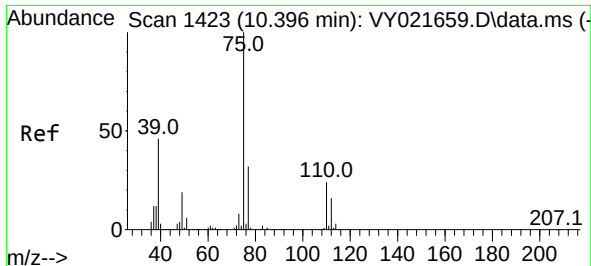
Tgt Ion: 92 Resp: 115167

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8

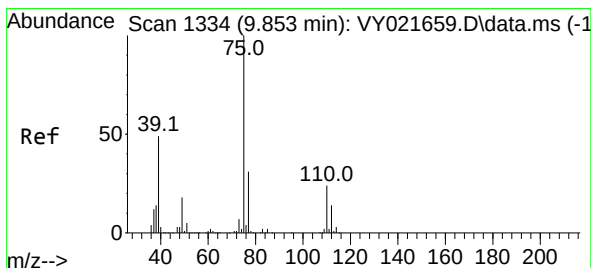
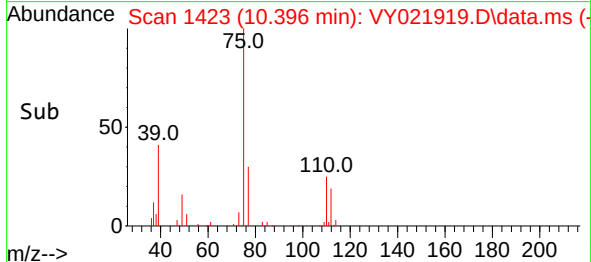
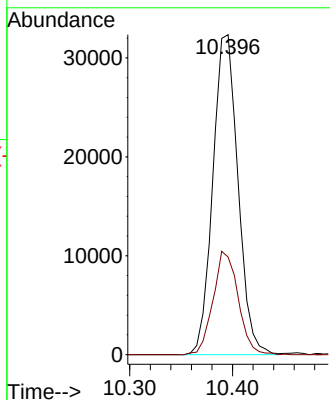
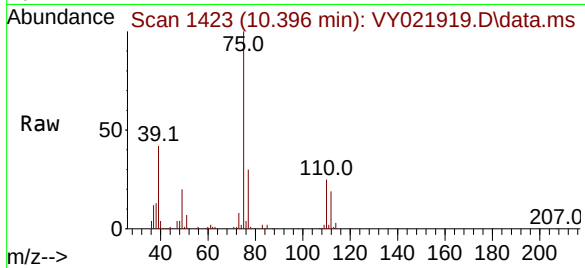




#53
 t-1,3-Dichloropropene
 Concen: 20.252 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

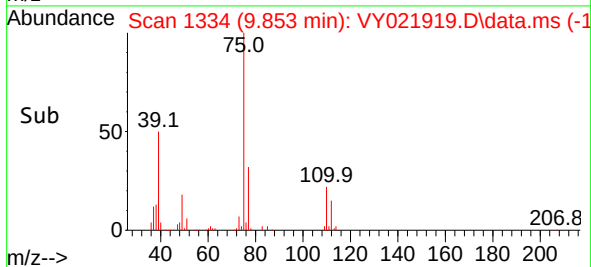
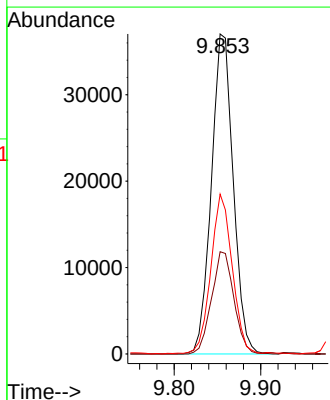
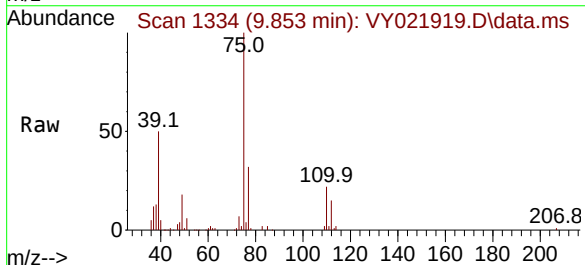
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

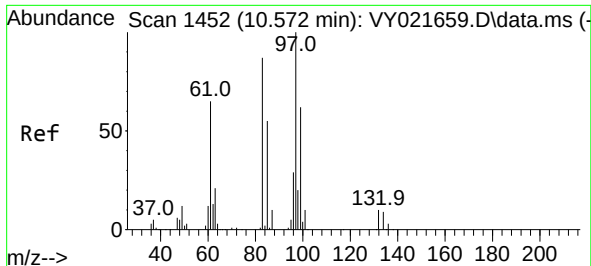
Tgt Ion: 75 Resp: 54928
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.309 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion: 75 Resp: 64982
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 49.7 39.2 58.8

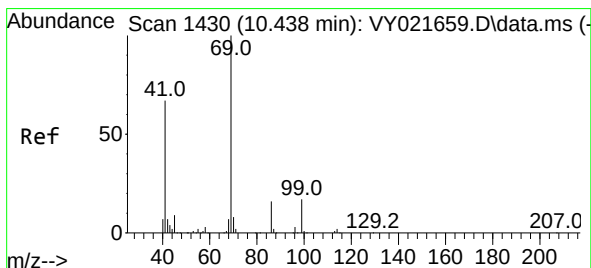
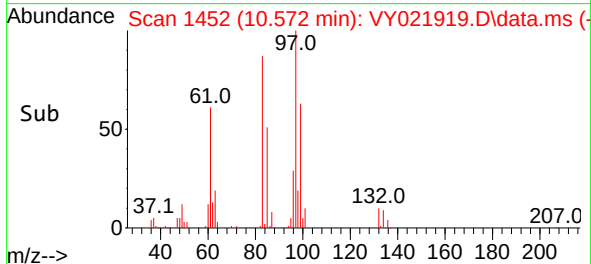
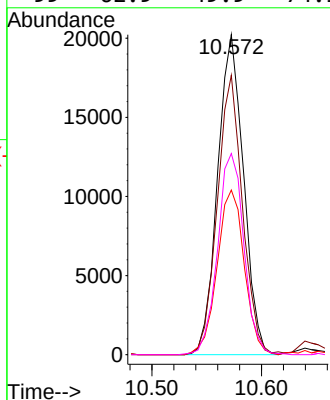
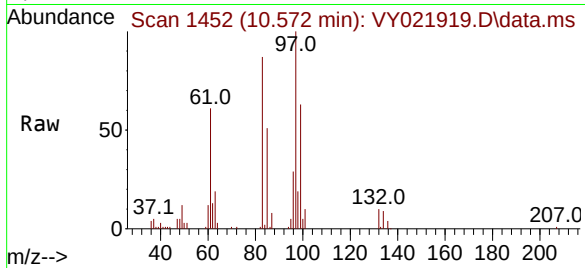




#55
1,1,2-Trichloroethane
Concen: 21.862 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

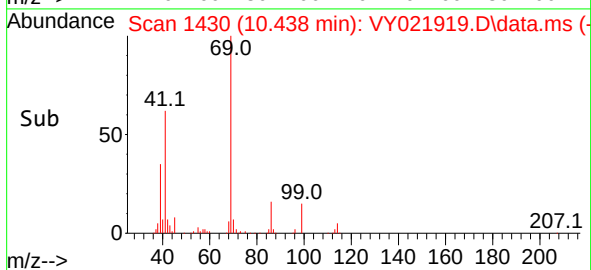
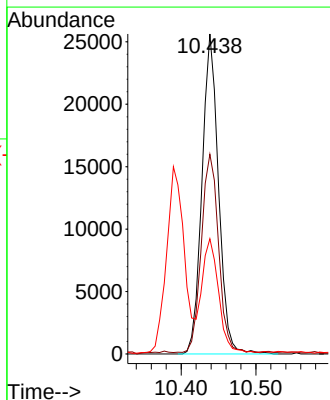
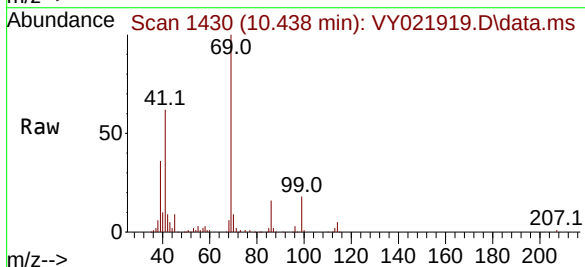
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

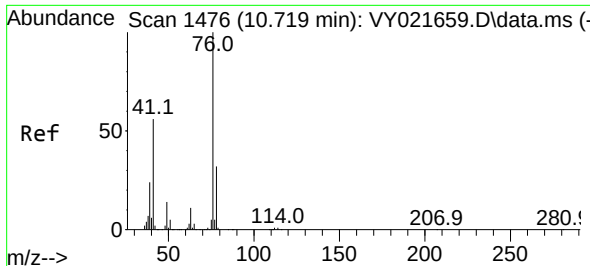
Tgt Ion:	97	Resp:	33154
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.5	104.3
85	51.4	43.9	65.9
99	62.9	49.9	74.9



#56
Ethyl methacrylate
Concen: 20.326 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:	69	Resp:	39360
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.8	80.6
39	34.7	29.6	44.4





#57

1,3-Dichloropropane

Concen: 21.406 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

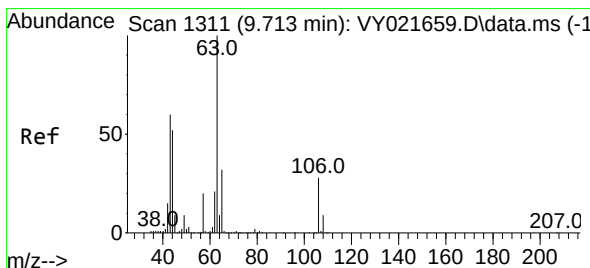
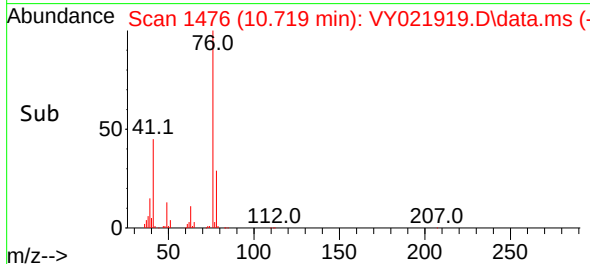
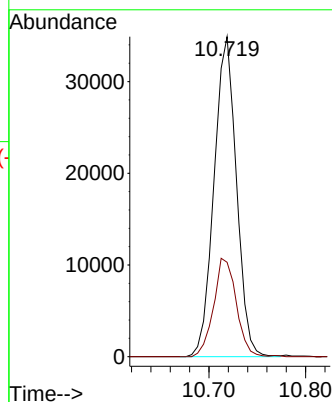
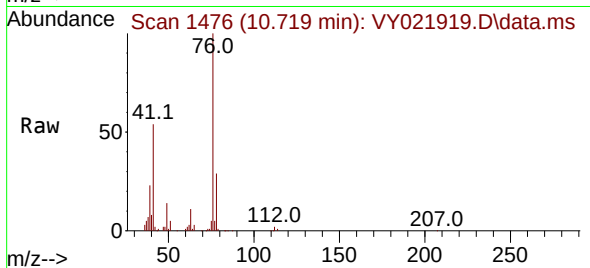
VY0418SBSD01

Tgt Ion: 76 Resp: 56065

Ion Ratio Lower Upper

76 100

78 31.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.245 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021919.D

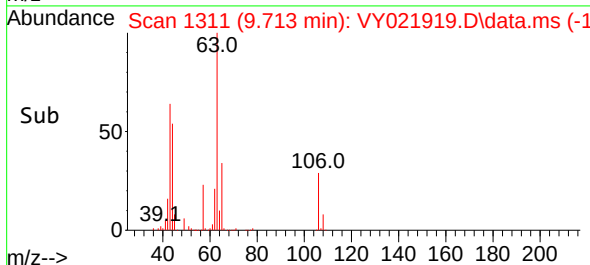
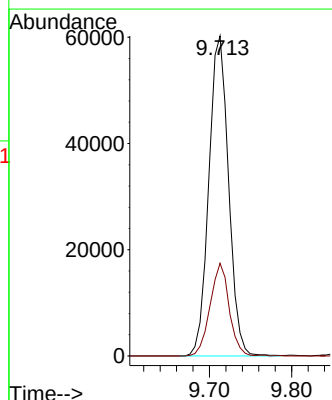
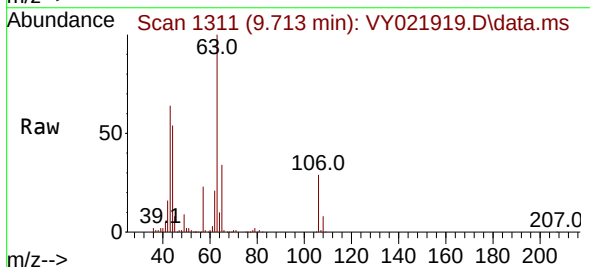
Acq: 18 Apr 2025 10:13

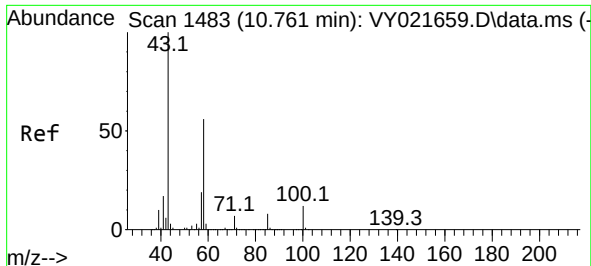
Tgt Ion: 63 Resp: 100365

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

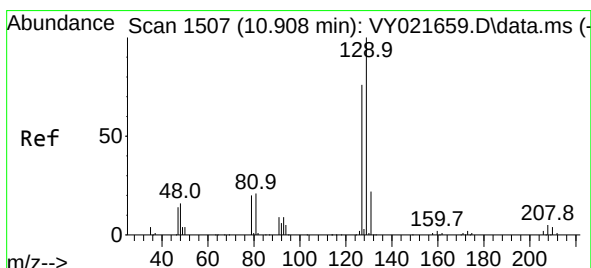
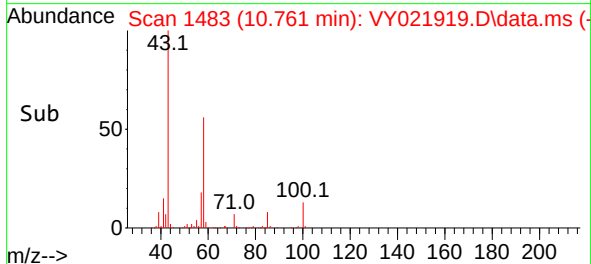
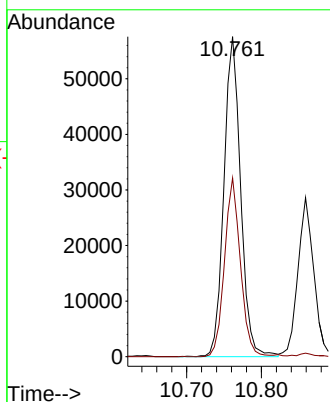
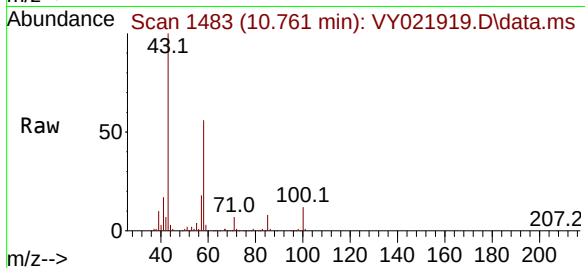




#59
2-Hexanone
Concen: 100.027 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

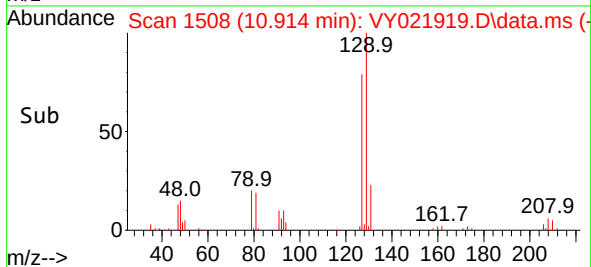
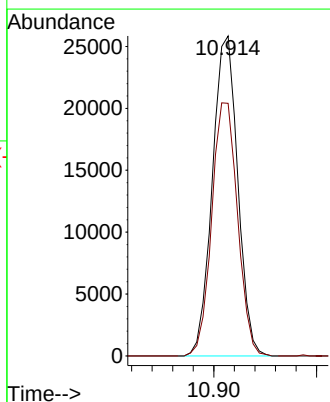
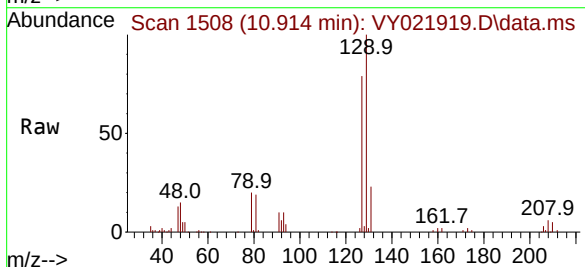
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

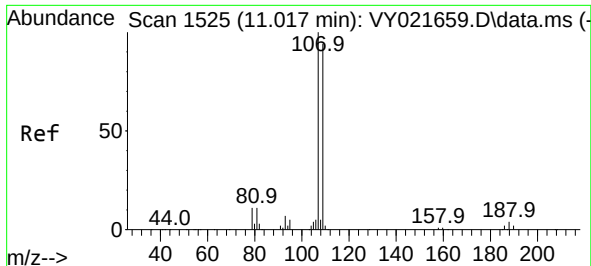
Tgt Ion: 43 Resp: 89435
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.5



#60
Dibromochloromethane
Concen: 21.384 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion:129 Resp: 44277
Ion Ratio Lower Upper
129 100
127 80.4 38.6 115.7

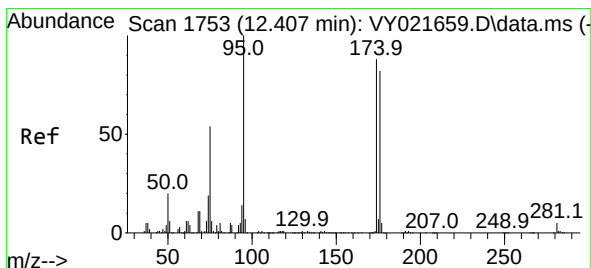
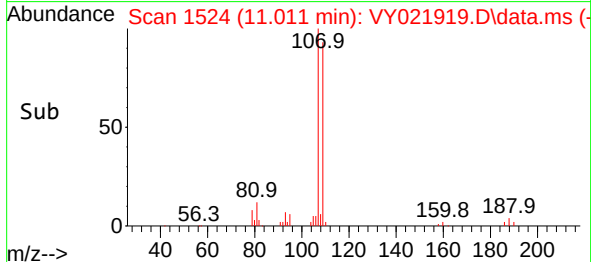
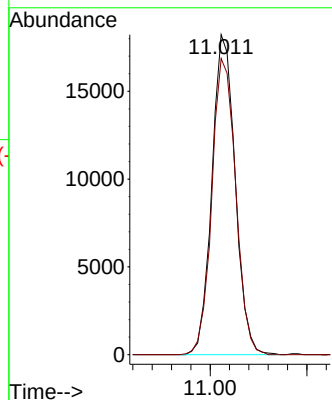
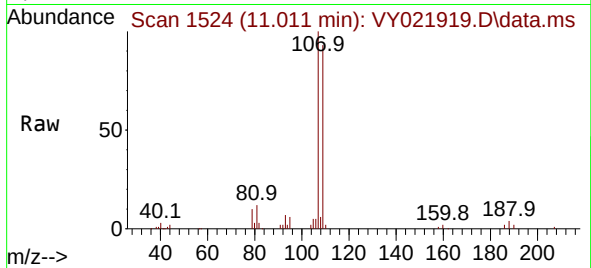




#61
1,2-Dibromoethane
Concen: 21.340 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

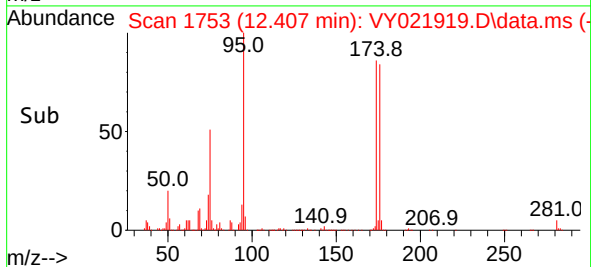
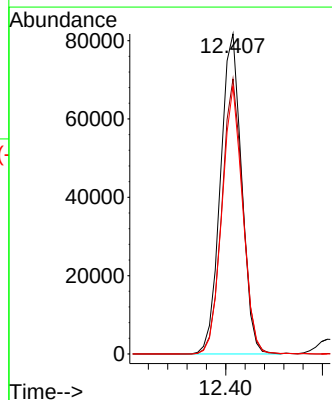
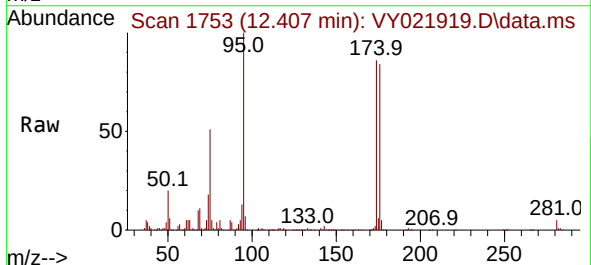
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

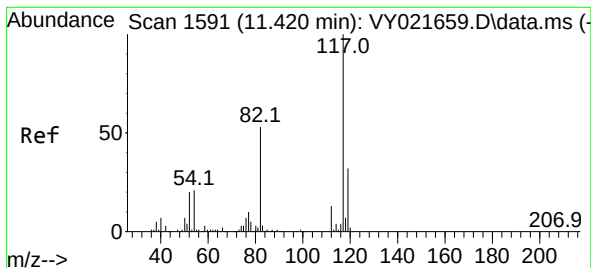
Tgt Ion:107 Resp: 30359
Ion Ratio Lower Upper
107 100
109 95.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 50.855 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 95 Resp: 123929
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.9 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: VY021919.D

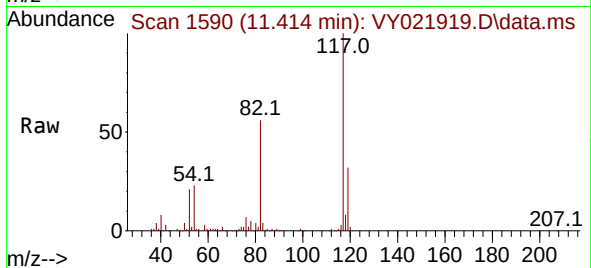
Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01



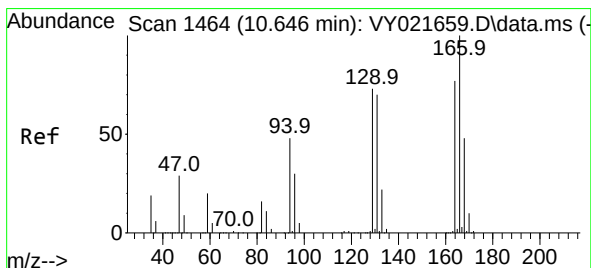
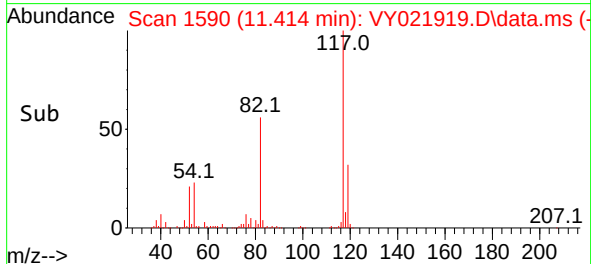
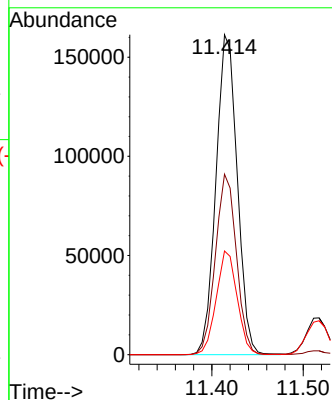
Tgt Ion:117 Resp: 261669

Ion Ratio Lower Upper

117 100

82 56.4 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 23.389 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Tgt Ion:164 Resp: 55740

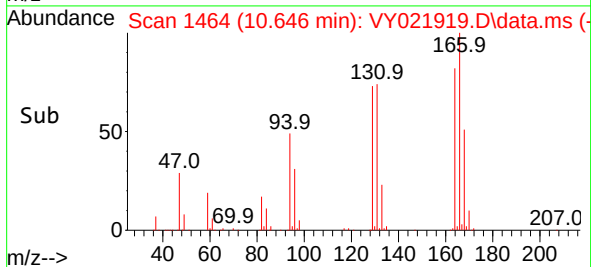
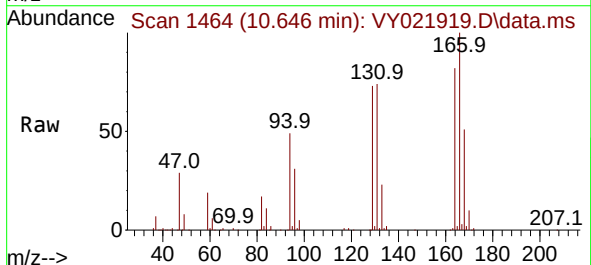
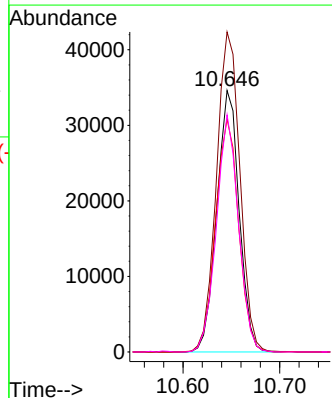
Ion Ratio Lower Upper

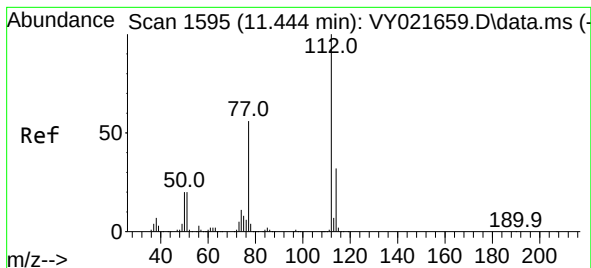
164 100

166 122.4 104.6 156.8

129 89.0 76.6 114.8

131 90.7 73.4 110.0





#65

Chlorobenzene

Concen: 20.759 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

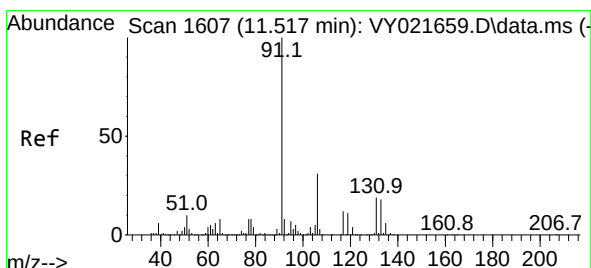
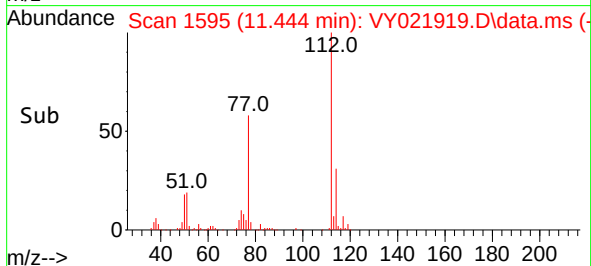
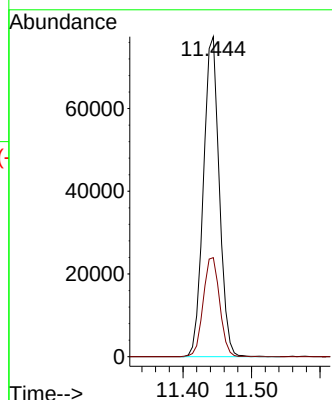
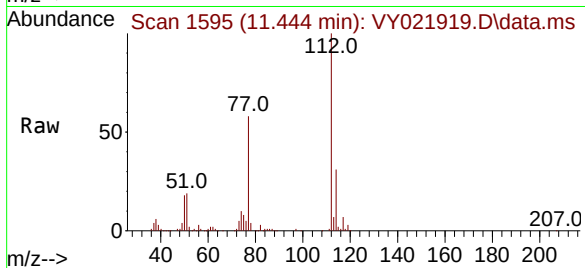
VY0418SBSD01

Tgt Ion:112 Resp: 124520

Ion Ratio Lower Upper

112 100

114 31.0 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 21.633 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

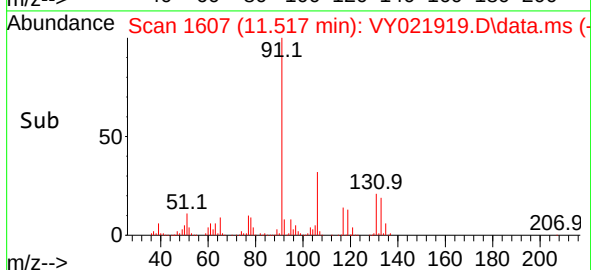
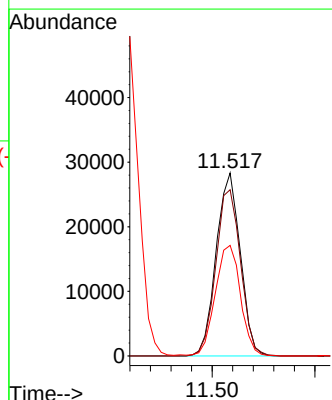
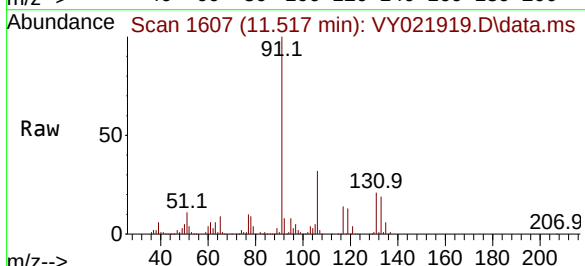
Tgt Ion:131 Resp: 46039

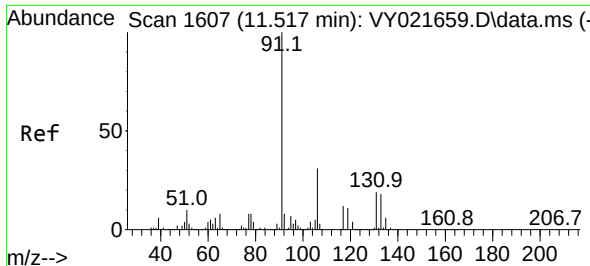
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.8

119 63.6 31.6 95.0

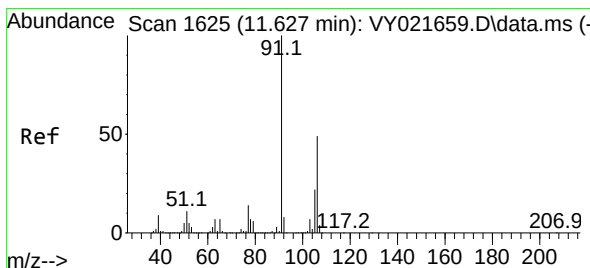
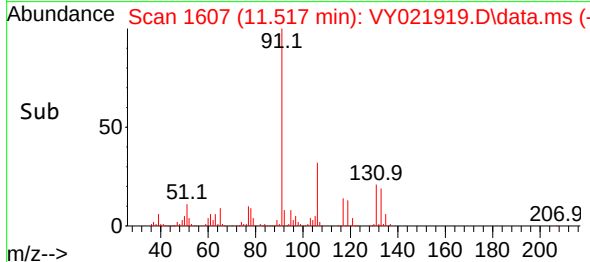
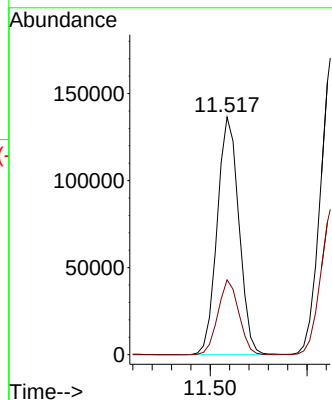
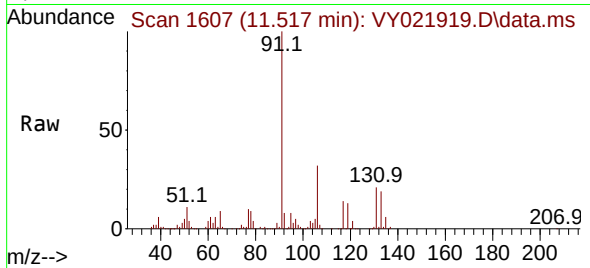




#67
Ethyl Benzene
Concen: 20.667 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

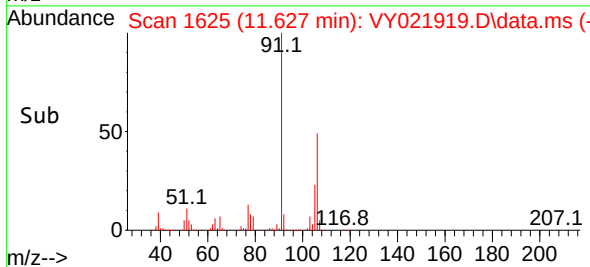
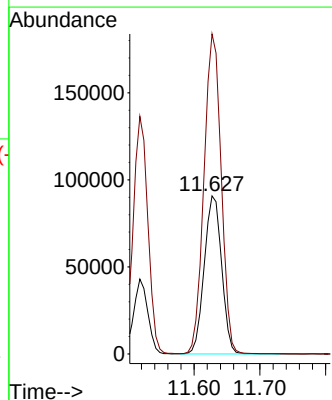
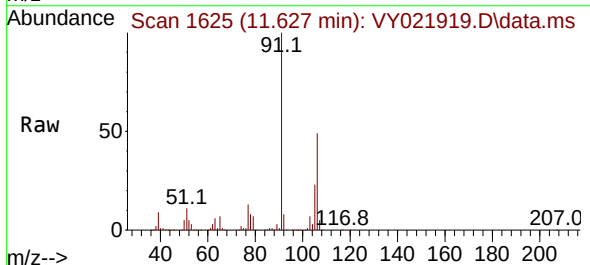
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

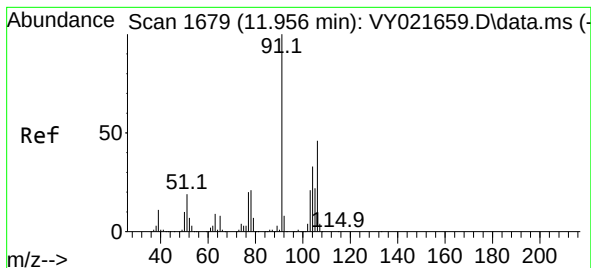
Tgt Ion: 91 Resp: 212572
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 42.401 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 106 Resp: 167007
Ion Ratio Lower Upper
106 100
91 200.9 162.4 243.6





#69

o-Xylene

Concen: 20.436 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

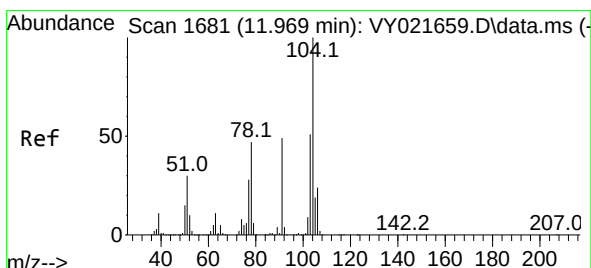
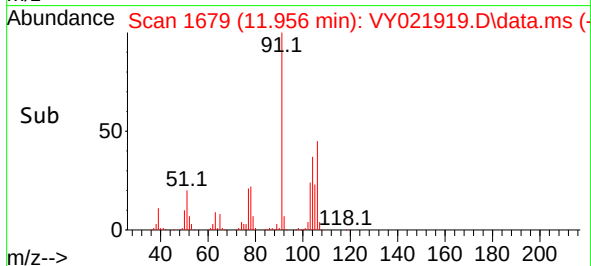
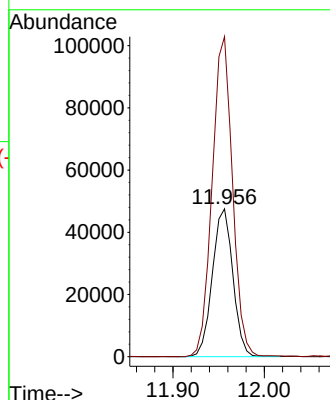
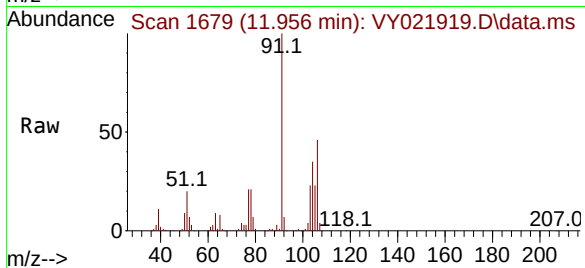
VY0418SBSD01

Tgt Ion:106 Resp: 74300

Ion Ratio Lower Upper

106 100

91 215.0 106.7 319.9



#70

Styrene

Concen: 21.153 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

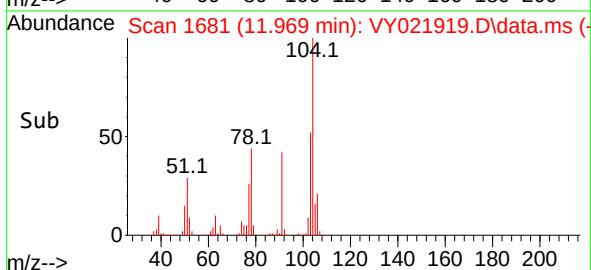
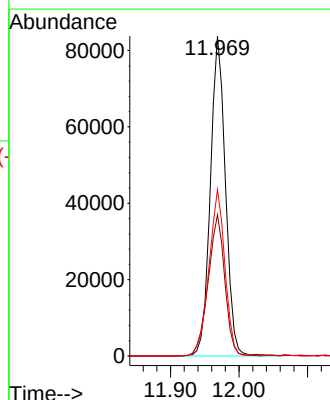
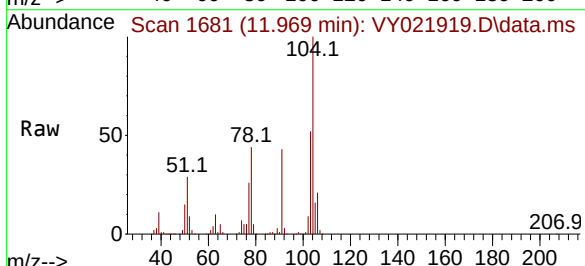
Tgt Ion:104 Resp: 128232

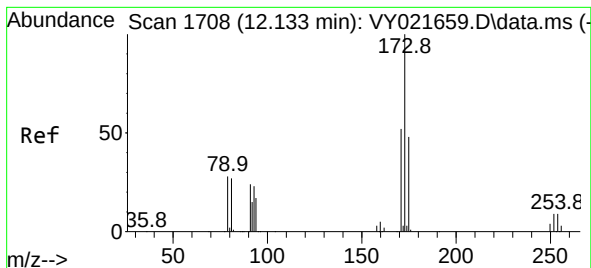
Ion Ratio Lower Upper

104 100

78 48.6 40.8 61.2

103 55.1 44.2 66.2





#71

Bromoform

Concen: 21.534 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBSD01

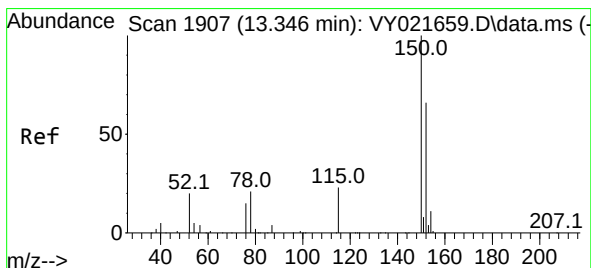
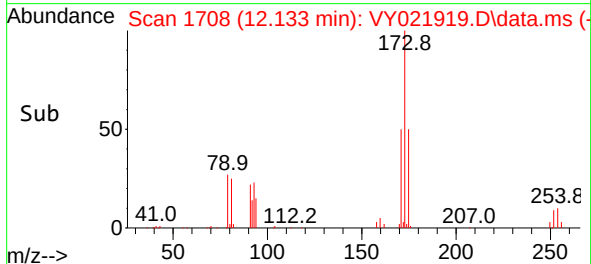
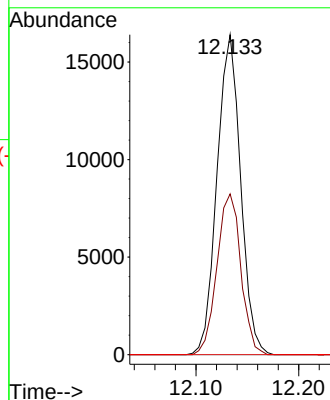
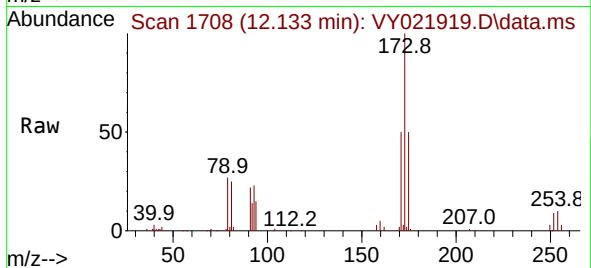
Tgt Ion:173 Resp: 26141

Ion Ratio Lower Upper

173 100

175 50.9 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: VY021919.D

Acq: 18 Apr 2025 10:13

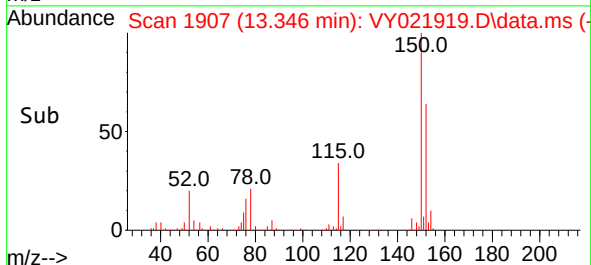
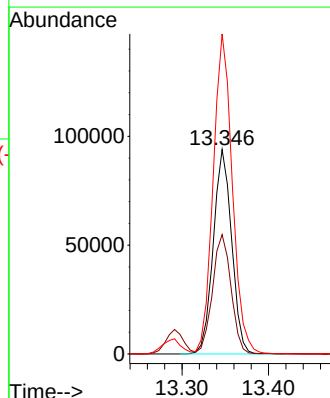
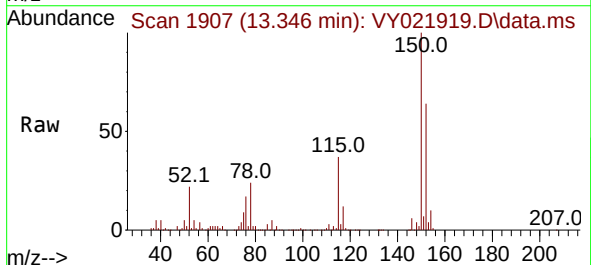
Tgt Ion:152 Resp: 138477

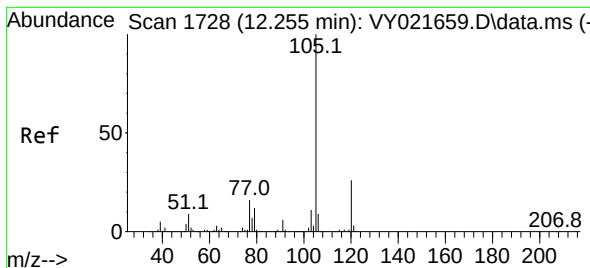
Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 163.4 0.0 348.4





#73

Isopropylbenzene

Concen: 19.703 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

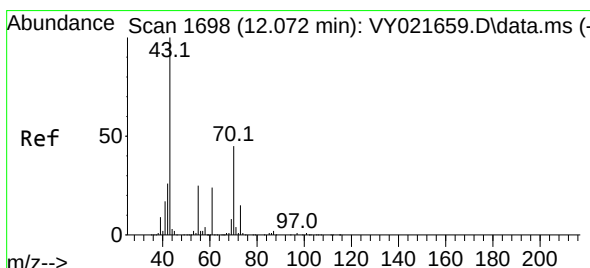
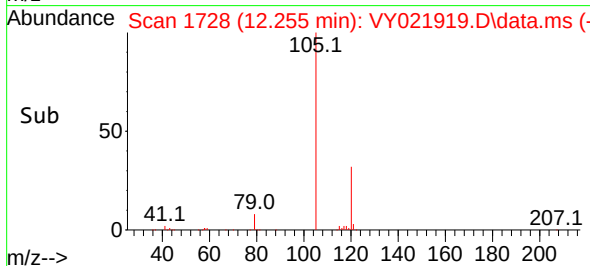
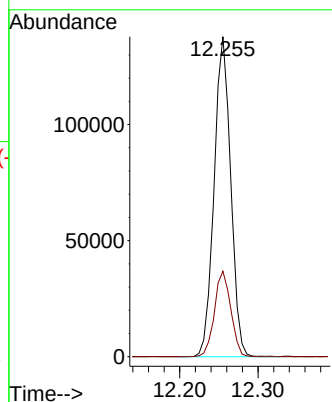
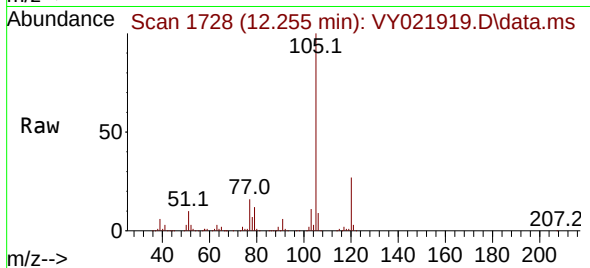
VY0418SBSD01

Tgt Ion:105 Resp: 202653

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 18.677 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Tgt Ion: 43 Resp: 45083

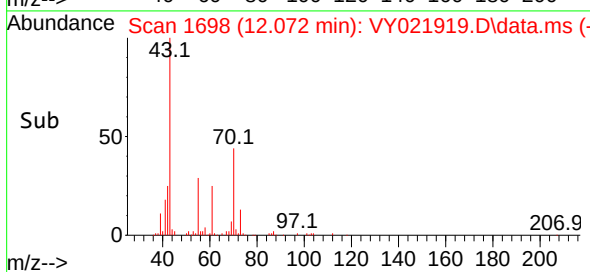
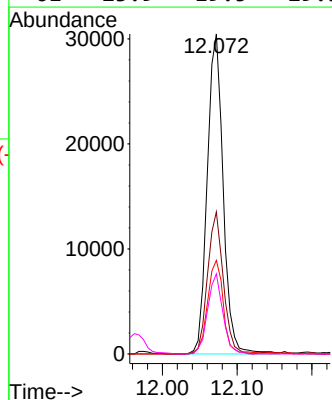
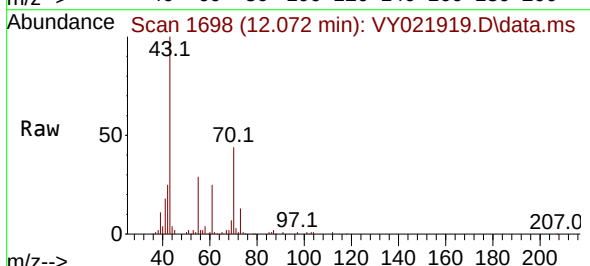
Ion Ratio Lower Upper

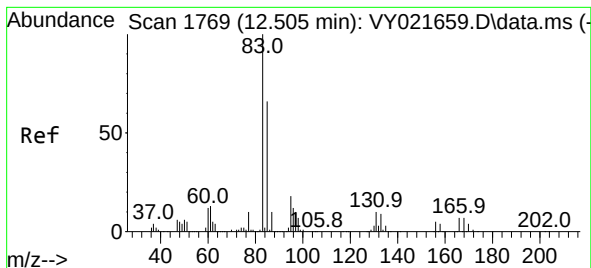
43 100

70 43.6 34.7 52.1

55 29.1 21.2 31.8

61 23.9 19.5 29.3

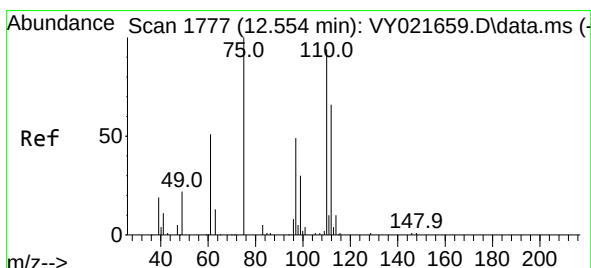
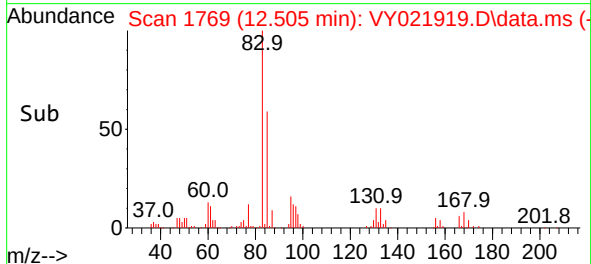
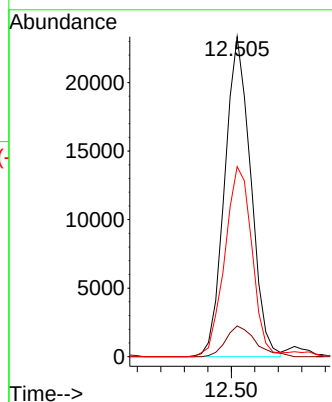
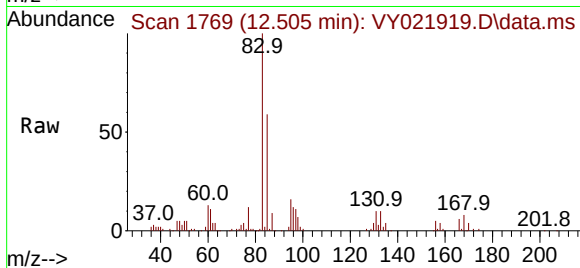




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.445 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

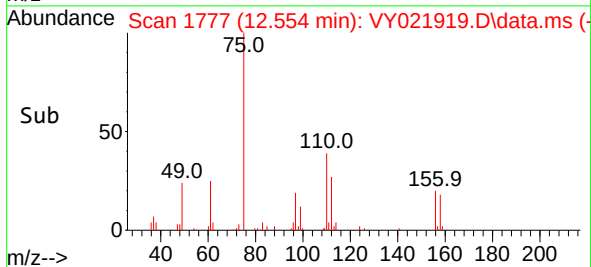
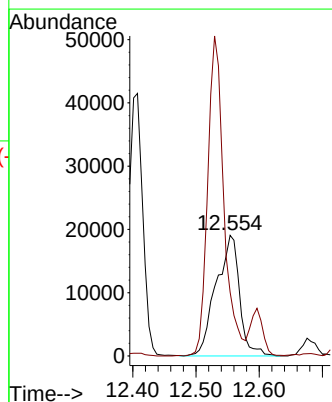
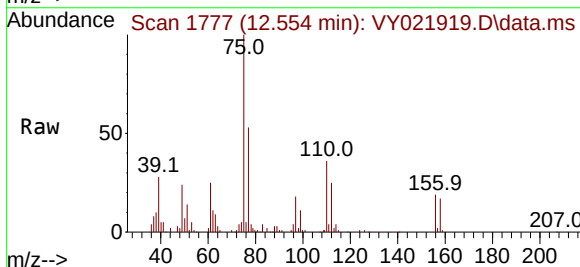
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBSD01

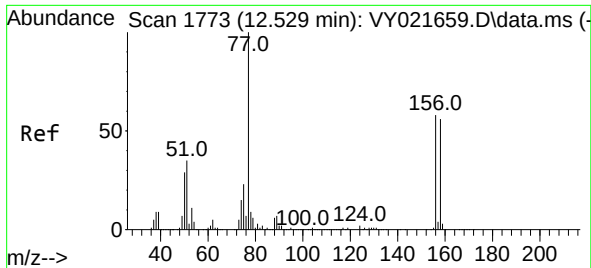
Tgt Ion: 83 Resp: 35957
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 61.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.851 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion: 75 Resp: 49212
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

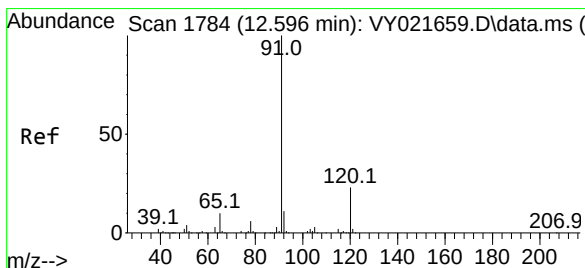
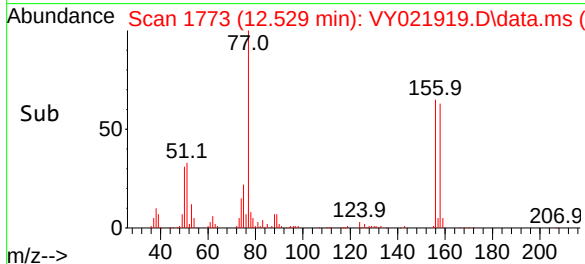
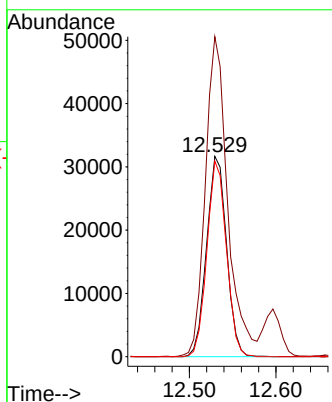
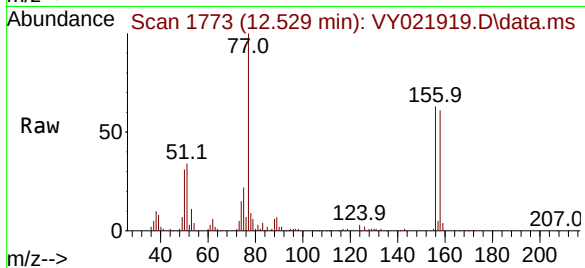




#77
Bromobenzene
Concen: 20.571 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

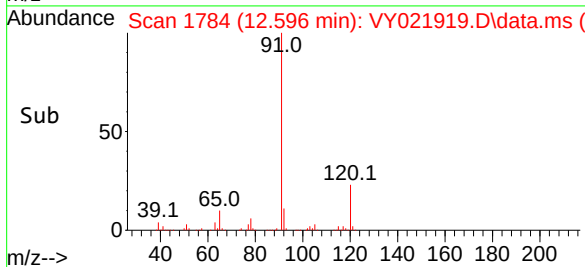
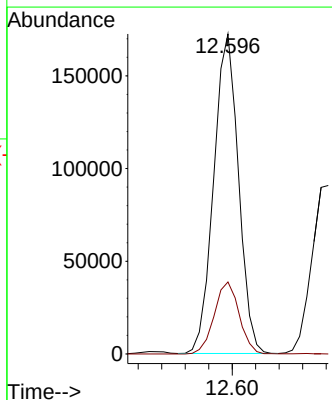
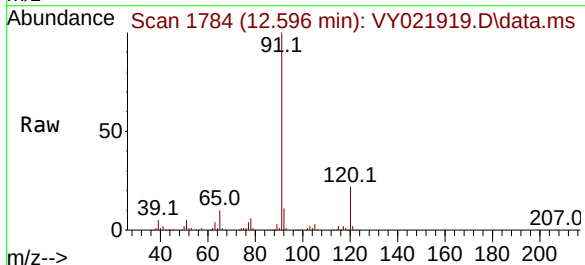
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

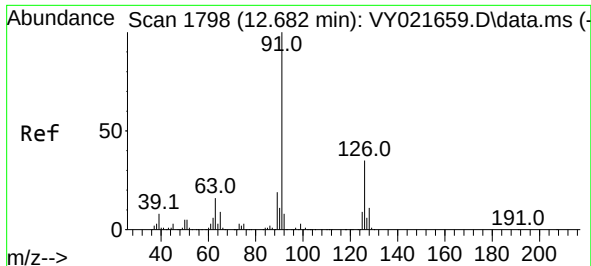
Tgt Ion:156 Resp: 50800
Ion Ratio Lower Upper
156 100
77 178.4 92.8 278.3
158 94.9 48.5 145.6



#78
n-propylbenzene
Concen: 20.394 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 91 Resp: 252176
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

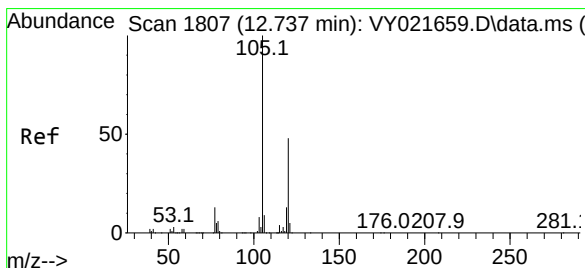
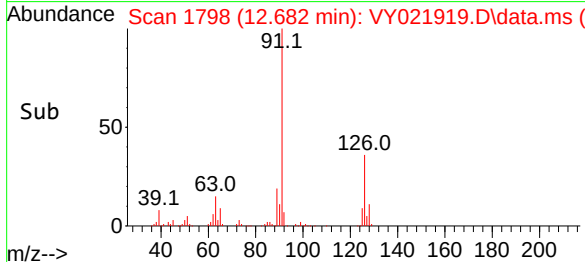
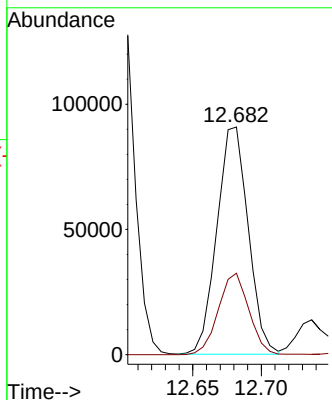
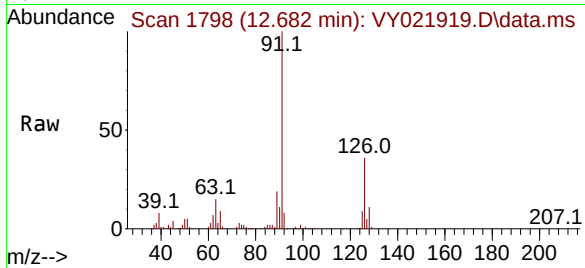




#79
2-Chlorotoluene
Concen: 20.143 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

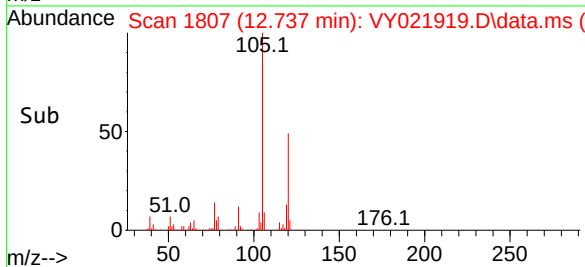
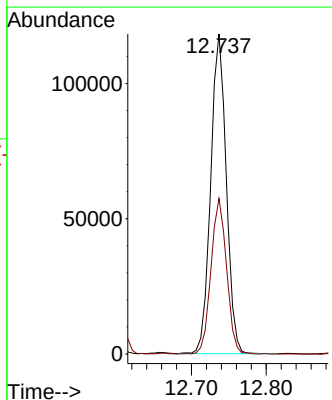
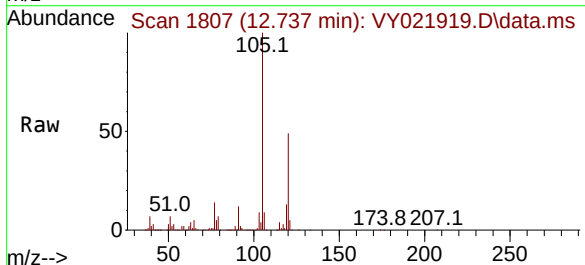
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

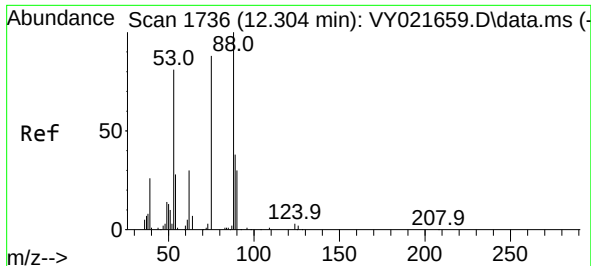
Tgt Ion: 91 Resp: 144665
Ion Ratio Lower Upper
91 100
126 34.9 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 105 Resp: 170735
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5

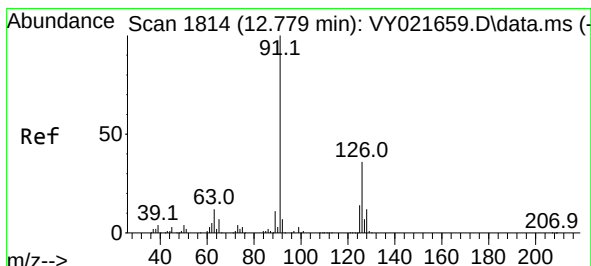
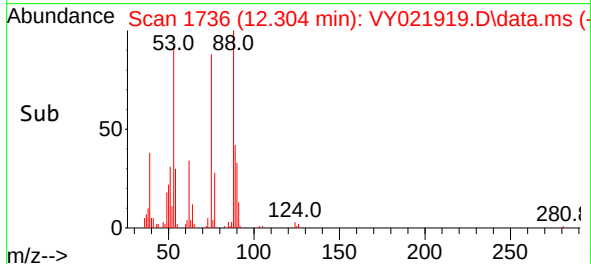
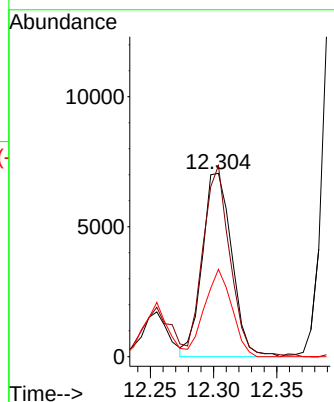
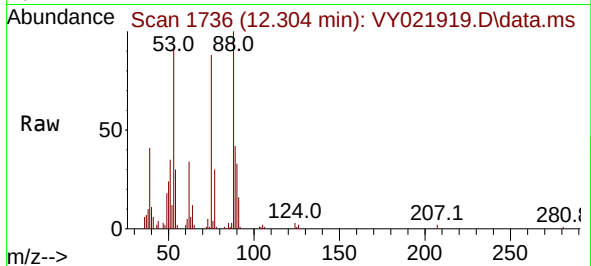




#81
trans-1,4-Dichloro-2-butene
Concen: 19.205 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

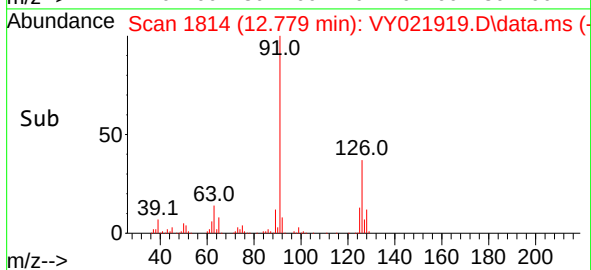
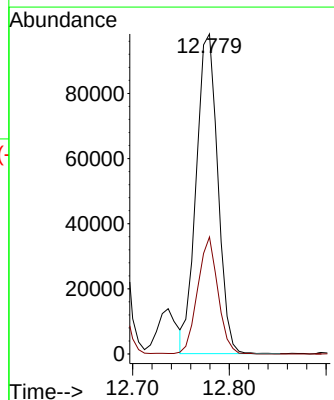
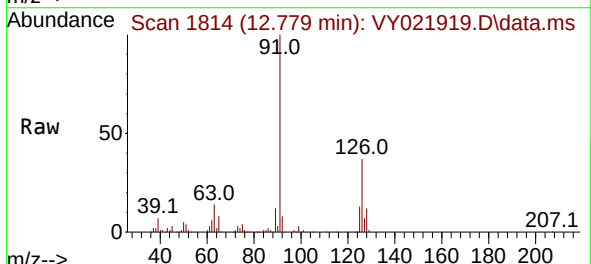
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

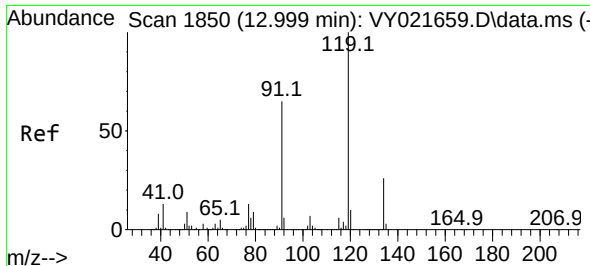
Tgt Ion: 75 Resp: 11441
Ion Ratio Lower Upper
75 100
53 95.2 76.1 114.1
89 43.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.304 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 91 Resp: 152028
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9

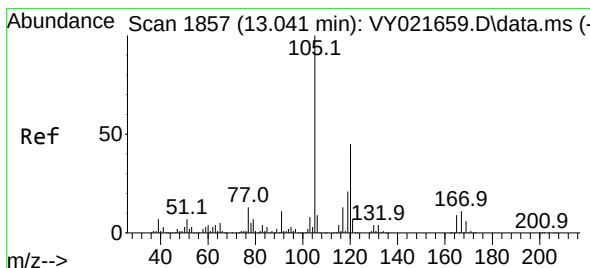
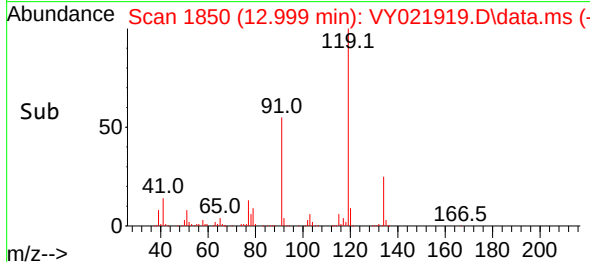
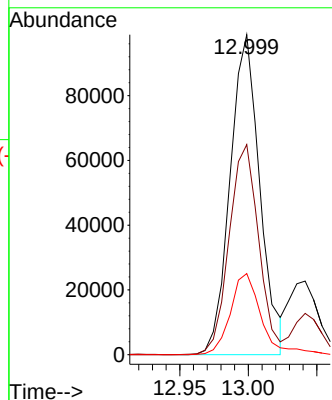
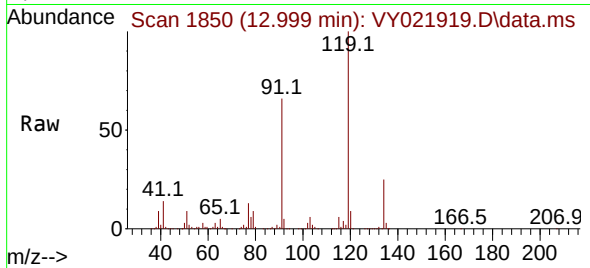




#83
 tert-Butylbenzene
 Concen: 19.941 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

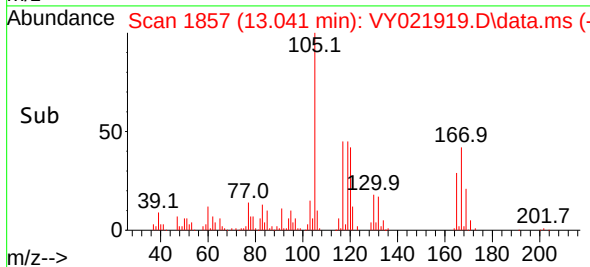
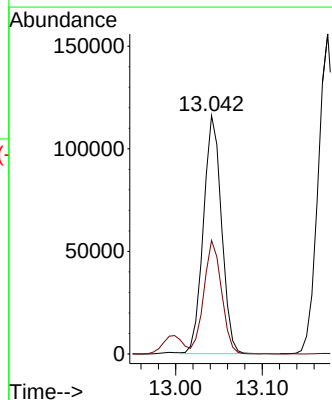
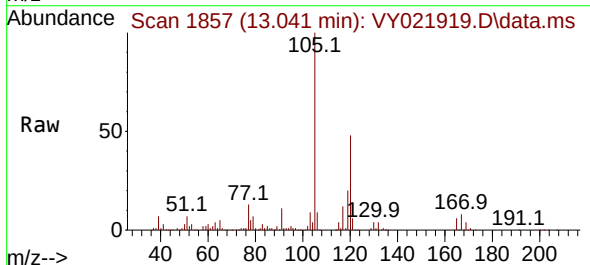
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

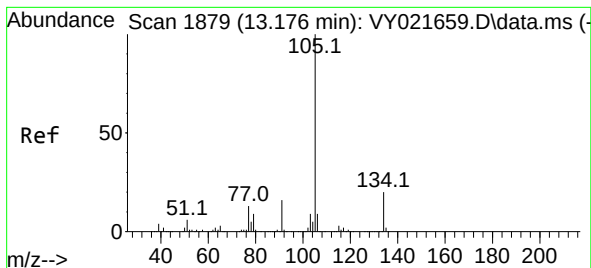
Tgt Ion:119 Resp: 149302
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.6 97.7
 134 26.3 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.296 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion:105 Resp: 168626
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.593 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

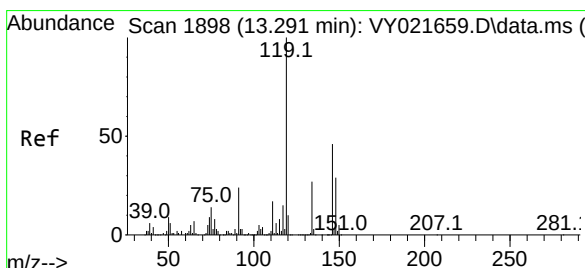
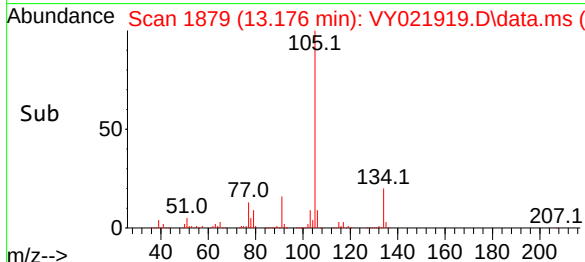
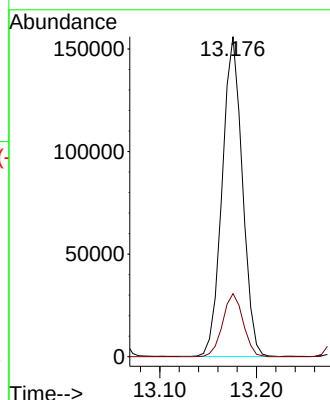
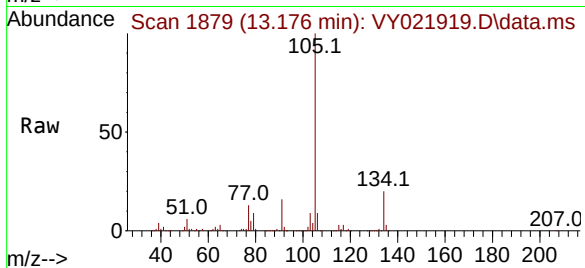
VY0418SBS01

Tgt Ion:105 Resp: 225329

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.478 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

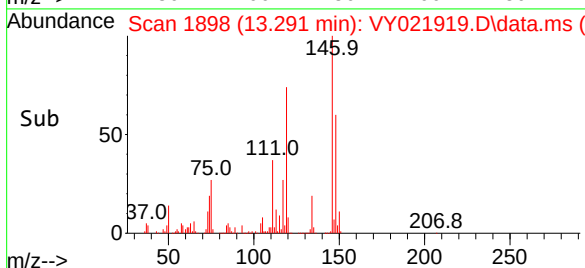
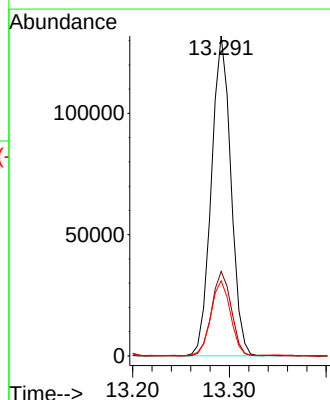
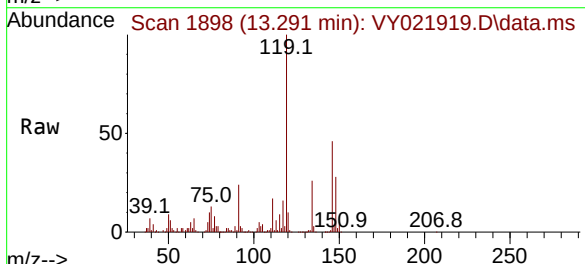
Tgt Ion:119 Resp: 185195

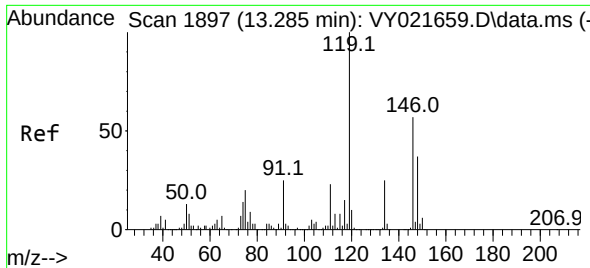
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 23.6 12.0 36.0

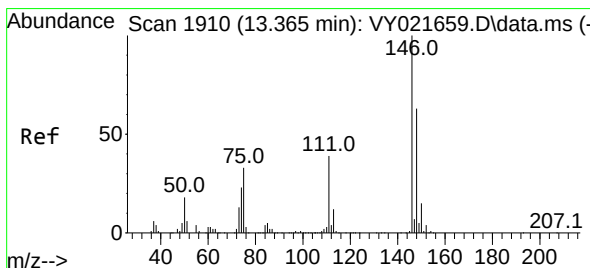
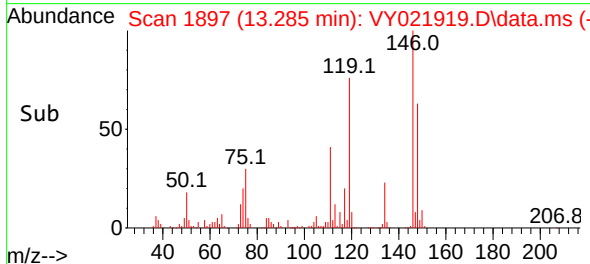
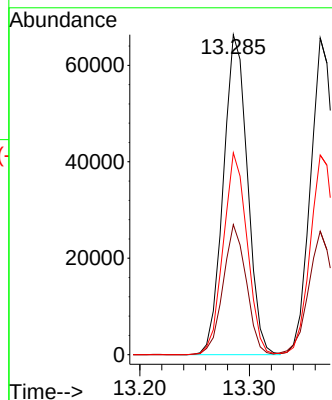
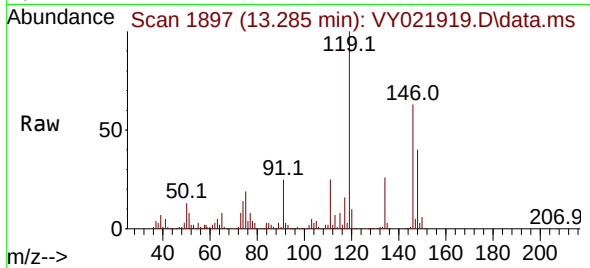




#87
 1,3-Dichlorobenzene
 Concen: 20.836 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

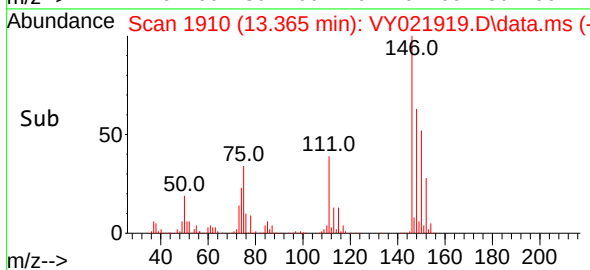
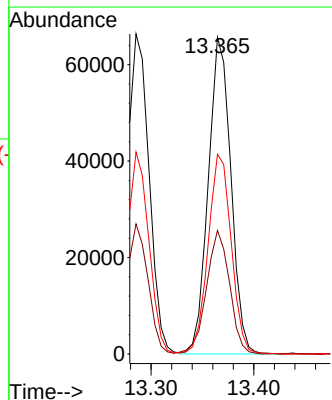
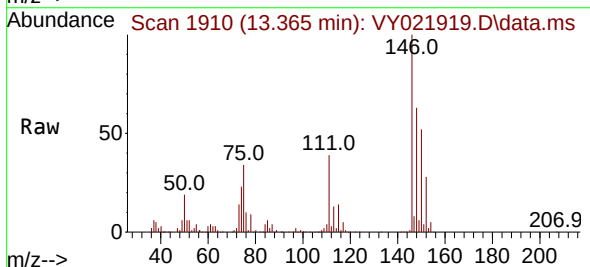
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

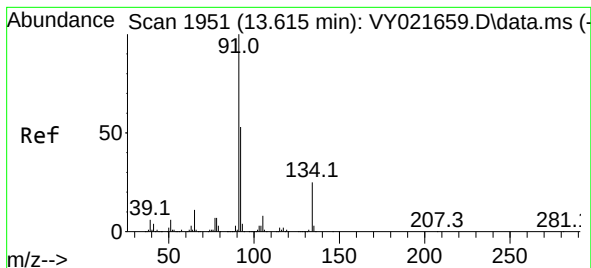
Tgt Ion:146 Resp: 101373
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.0 60.0
 148 62.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.925 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021919.D
 Acq: 18 Apr 2025 10:13

Tgt Ion:146 Resp: 100587
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.1
 148 64.5 31.5 94.5

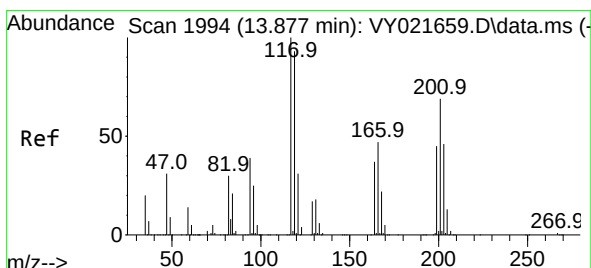
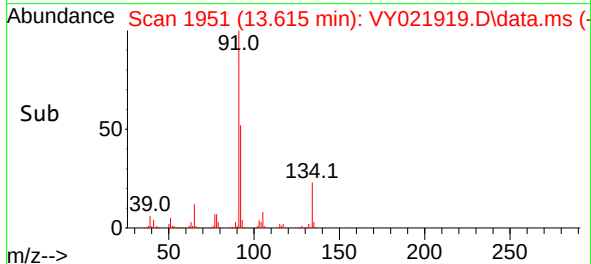
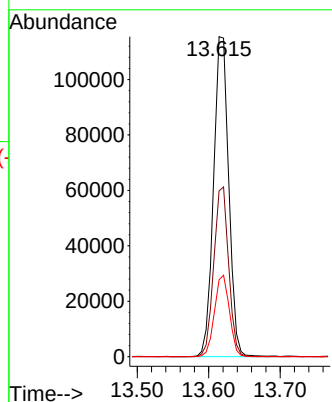
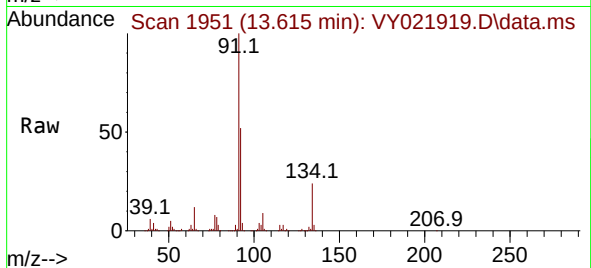




#89
n-Butylbenzene
Concen: 20.376 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

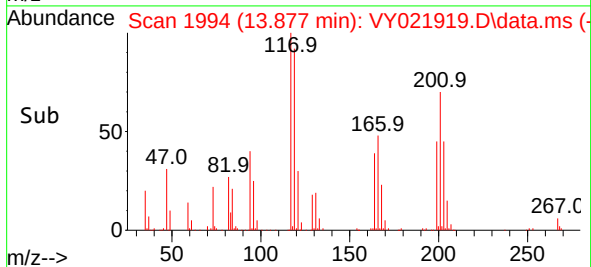
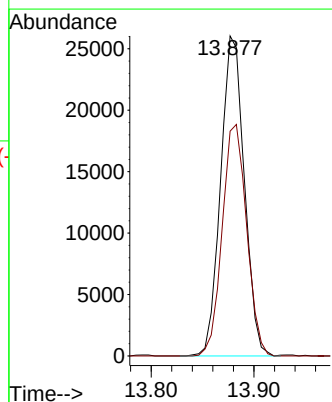
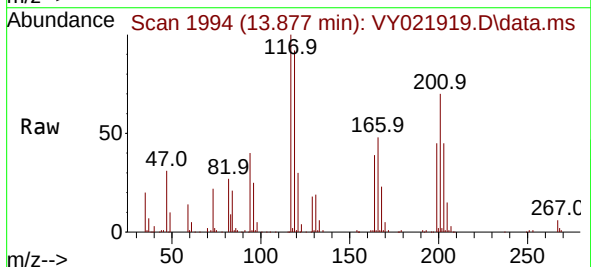
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

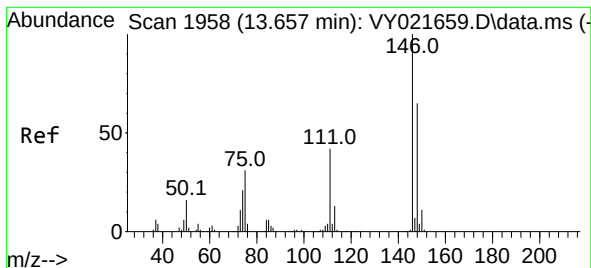
Tgt Ion: 91 Resp: 170413
Ion Ratio Lower Upper
91 100
92 51.9 26.4 79.2
134 25.0 12.8 38.4



#90
Hexachloroethane
Concen: 21.023 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021919.D
Acq: 18 Apr 2025 10:13

Tgt Ion: 117 Resp: 41663
Ion Ratio Lower Upper
117 100
201 74.6 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 20.901 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

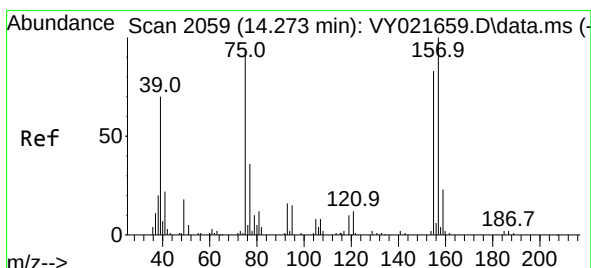
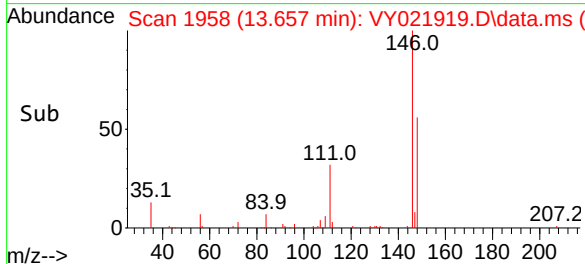
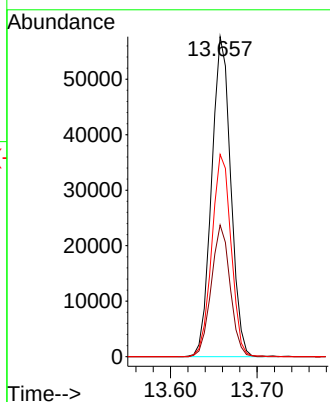
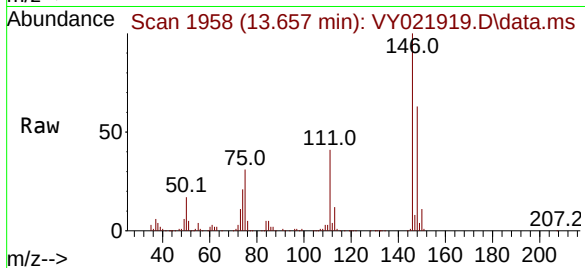
Tgt Ion:146 Resp: 88522

Ion Ratio Lower Upper

146 100

111 40.5 20.7 62.1

148 63.7 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.721 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

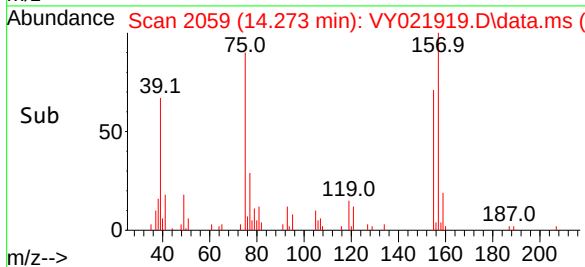
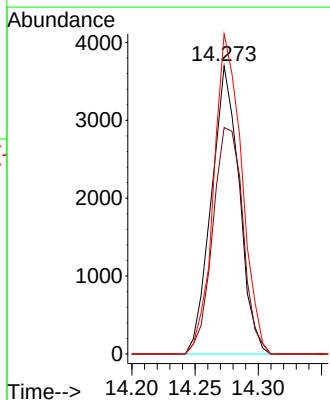
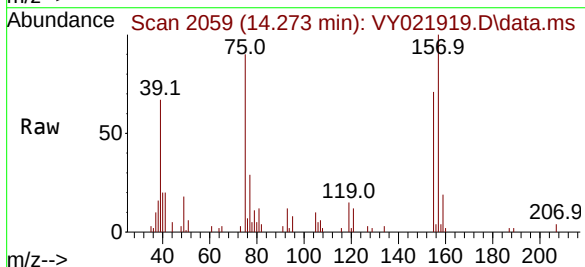
Tgt Ion: 75 Resp: 5652

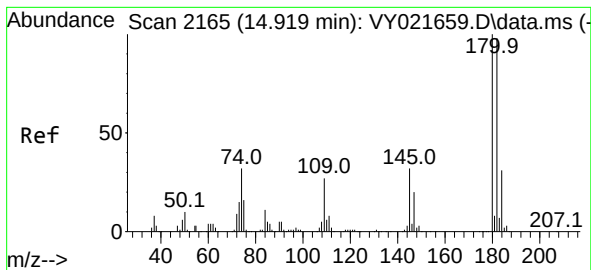
Ion Ratio Lower Upper

75 100

155 85.0 43.0 128.8

157 112.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.295 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

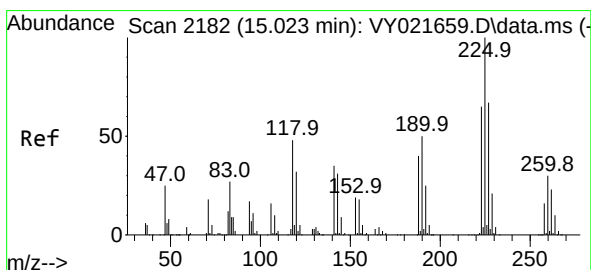
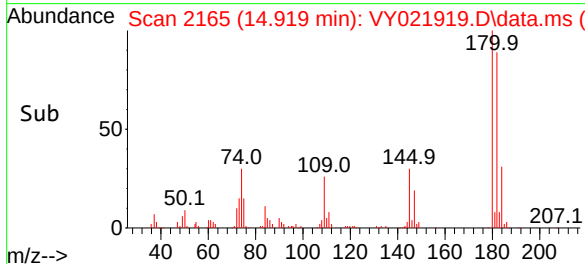
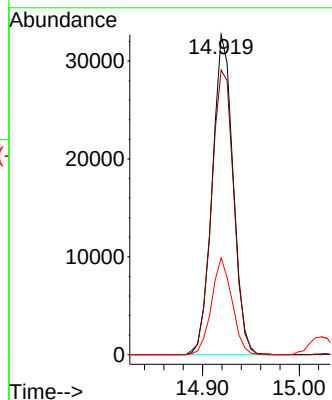
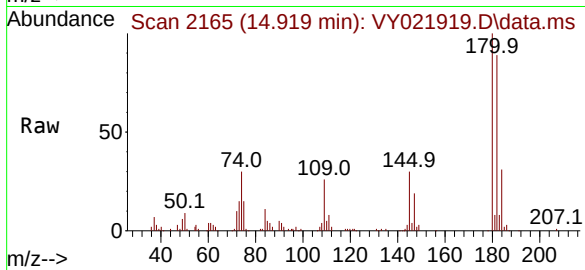
Tgt Ion:180 Resp: 48910

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 29.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 22.306 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

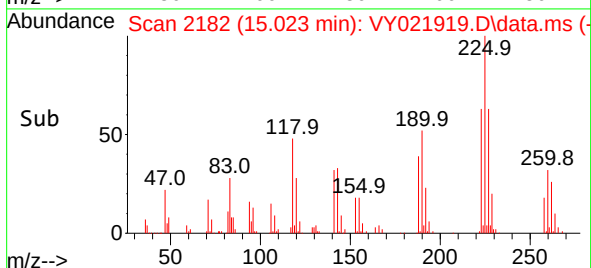
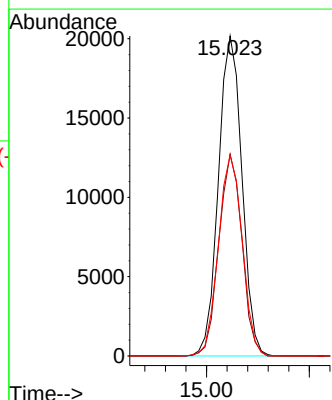
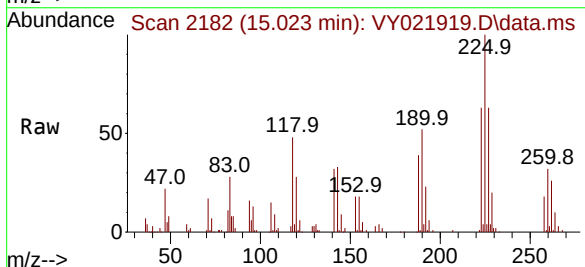
Tgt Ion:225 Resp: 31996

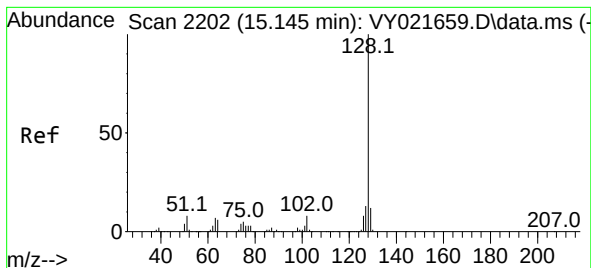
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.7

227 63.6 32.4 97.0





#95

Naphthalene

Concen: 20.361 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

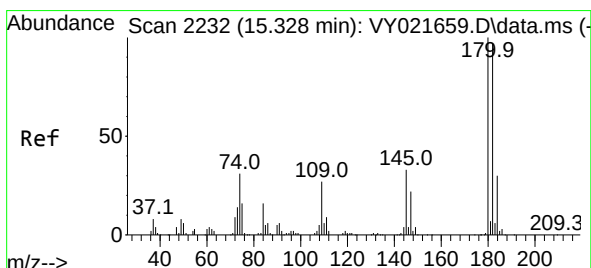
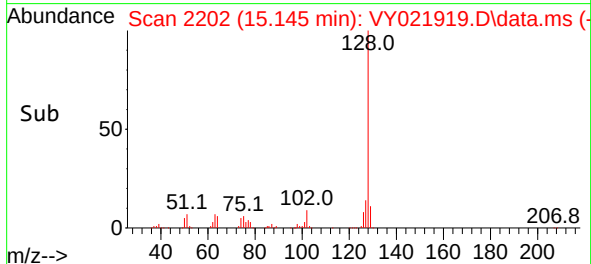
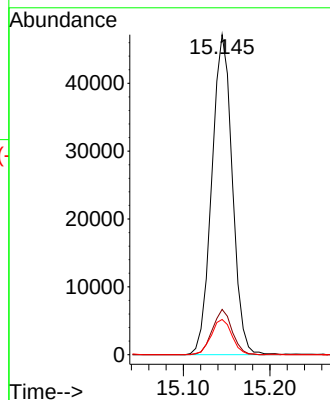
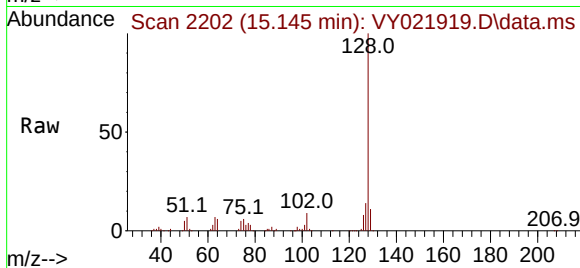
Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

Tgt Ion:128	Resp:	77515
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.8 16.2
129	11.2	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.388 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021919.D

Acq: 18 Apr 2025 10:13

Tgt Ion:180	Resp:	41890
Ion Ratio	Lower	Upper
180	100	
182	98.1	47.5 142.5
145	33.3	15.9 47.7

