

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021503.D
 Acq On : 12 Mar 2025 12:27
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Quant Time: Mar 13 01:36:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	211934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	339487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	112133	50.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.120%	
35) Dibromofluoromethane	7.628	113	109044	48.866	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.109	98	400619	47.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.840%	
62) 4-Bromofluorobenzene	12.407	95	137838	47.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	35420	18.212	ug/l	99
3) Chloromethane	2.068	50	55570	20.267	ug/l	99
4) Vinyl Chloride	2.202	62	60514	20.195	ug/l	99
5) Bromomethane	2.592	94	45055	20.805	ug/l	93
6) Chloroethane	2.732	64	45038	22.745	ug/l	96
7) Trichlorofluoromethane	3.055	101	85369	20.412	ug/l	100
8) Diethyl Ether	3.445	74	23178	19.998	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.805	101	45759	19.163	ug/l	98
10) Methyl Iodide	4.000	142	45907	18.913	ug/l	100
11) Tert butyl alcohol	4.860	59	14780	86.770	ug/l	95
12) 1,1-Dichloroethene	3.787	96	40855	18.767	ug/l	97
13) Acrolein	3.647	56	14700	129.020	ug/l	93
14) Allyl chloride	4.384	41	67166	19.091	ug/l	100
15) Acrylonitrile	5.061	53	49511	100.348	ug/l	99
16) Acetone	3.872	43	40211	82.304	ug/l	93
17) Carbon Disulfide	4.104	76	121684	17.835	ug/l	98
18) Methyl Acetate	4.378	43	21896	20.198	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	107495	19.481	ug/l	99
20) Methylene Chloride	4.616	84	50362	19.637	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	45945	18.845	ug/l	95
22) Diisopropyl ether	6.018	45	152496	20.113	ug/l	94
23) Vinyl Acetate	5.957	43	425364	98.303	ug/l	100
24) 1,1-Dichloroethane	5.914	63	89392	19.976	ug/l	99
25) 2-Butanone	6.890	43	62054	91.818	ug/l	100
26) 2,2-Dichloropropane	6.878	77	77502	18.823	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	54275	19.596	ug/l	98
28) Bromochloromethane	7.244	49	39517	21.064	ug/l	100
29) Tetrahydrofuran	7.262	42	40987	98.237	ug/l	99
30) Chloroform	7.414	83	93287	20.076	ug/l	97
31) Cyclohexane	7.701	56	74561	17.773	ug/l	95
32) 1,1,1-Trichloroethane	7.615	97	83345	19.589	ug/l	98
36) 1,1-Dichloropropene	7.829	75	63714	18.240	ug/l	99
37) Ethyl Acetate	6.981	43	28051	18.169	ug/l	99
38) Carbon Tetrachloride	7.817	117	75047	18.681	ug/l	97
39) Methylcyclohexane	9.109	83	73774	17.219	ug/l	99
40) Benzene	8.079	78	194153	18.869	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021503.D
 Acq On : 12 Mar 2025 12:27
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Quant Time: Mar 13 01:36:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15148	18.020	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	57056	19.821	ug/l	99
43) Isopropyl Acetate	8.195	43	55438	18.498	ug/l #	87
44) Trichloroethene	8.859	130	49167	18.909	ug/l	99
45) 1,2-Dichloropropane	9.140	63	47371	19.344	ug/l	98
46) Dibromomethane	9.231	93	27081	19.874	ug/l	98
47) Bromodichloromethane	9.420	83	71329	19.712	ug/l	99
48) Methyl methacrylate	9.219	41	25919	18.834	ug/l	99
49) 1,4-Dioxane	9.225	88	5660	423.195	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	148282	95.891	ug/l	98
52) Toluene	10.170	92	123397	19.022	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	61649	19.337	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	71924	19.002	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	34679	19.456	ug/l	96
56) Ethyl methacrylate	10.438	69	42039	18.493	ug/l	100
57) 1,3-Dichloropropane	10.719	76	60638	19.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	83244	79.327	ug/l	99
59) 2-Hexanone	10.761	43	95646	93.542	ug/l	99
60) Dibromochloromethane	10.914	129	47230	19.328	ug/l	100
61) 1,2-Dibromoethane	11.017	107	32026	19.038	ug/l	96
64) Tetrachloroethene	10.645	164	52526	21.644	ug/l	96
65) Chlorobenzene	11.444	112	134258	19.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	47112	18.908	ug/l	98
67) Ethyl Benzene	11.517	91	228402	18.465	ug/l	99
68) m/p-Xylenes	11.627	106	177080	37.707	ug/l	99
69) o-Xylene	11.956	106	81079	18.733	ug/l	98
70) Styrene	11.968	104	137753	19.185	ug/l	99
71) Bromoform	12.133	173	27238	19.556	ug/l #	98
73) Isopropylbenzene	12.255	105	218065	17.863	ug/l	99
74) N-amyl acetate	12.072	43	48096	18.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39058	18.131	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	52075	33.346	ug/l #	100
77) Bromobenzene	12.529	156	52366	18.336	ug/l	99
78) n-propylbenzene	12.596	91	268787	18.130	ug/l	100
79) 2-Chlorotoluene	12.682	91	156166	18.422	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	183532	18.500	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11654	16.965	ug/l	97
82) 4-Chlorotoluene	12.779	91	163002	18.568	ug/l	100
83) tert-Butylbenzene	12.999	119	157634	17.811	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	183158	18.595	ug/l	99
85) sec-Butylbenzene	13.175	105	239424	18.183	ug/l	99
86) p-Isopropyltoluene	13.291	119	199547	18.394	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	104273	18.342	ug/l	98
88) 1,4-Dichlorobenzene	13.370	146	103649	18.643	ug/l	98
89) n-Butylbenzene	13.620	91	181908	18.159	ug/l	99
90) Hexachloroethane	13.883	117	42842	18.512	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	91467	18.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6019	18.652	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	49841	18.728	ug/l	99
94) Hexachlorobutadiene	15.029	225	31721	19.014	ug/l	99
95) Naphthalene	15.145	128	75925	18.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	42020	18.773	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
Data File : VY021503.D
Acq On : 12 Mar 2025 12:27
Operator : SY/MD
Sample : VY0312SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

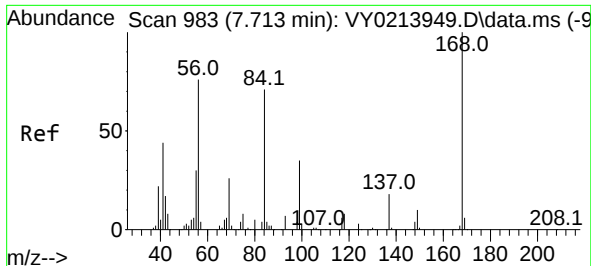
Quant Time: Mar 13 01:36:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

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

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

Quant Time: Mar 13 01:36:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

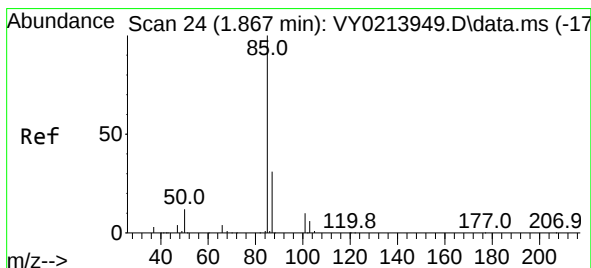
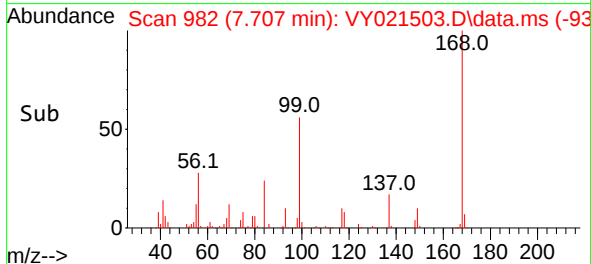
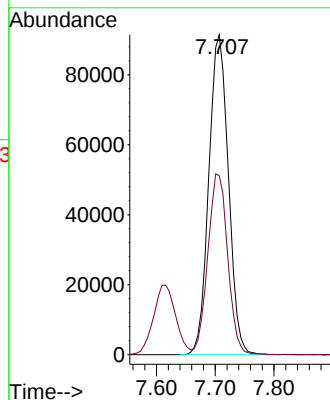
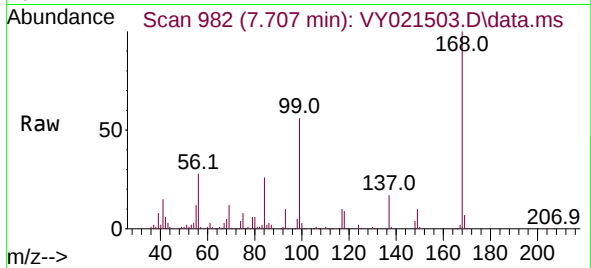




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

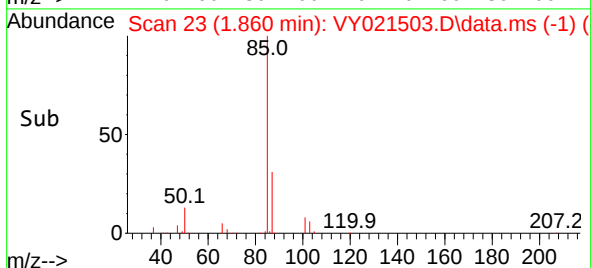
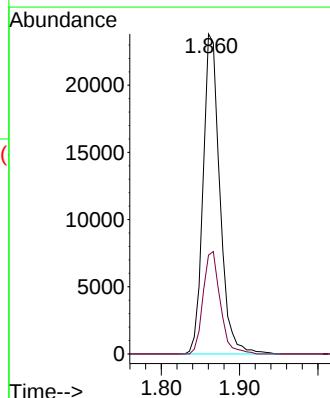
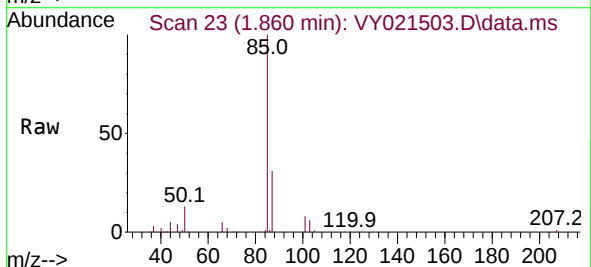
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion:168 Resp: 211934
Ion Ratio Lower Upper
168 100
99 55.9 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 18.212 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 85 Resp: 35420
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0

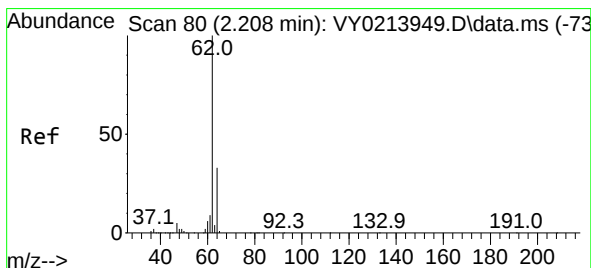
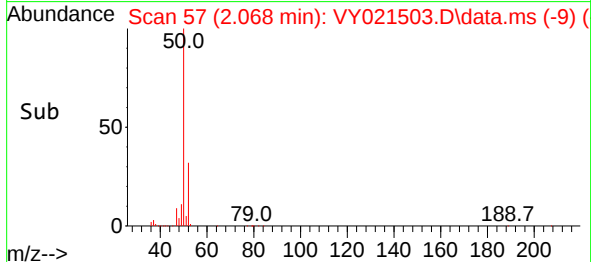
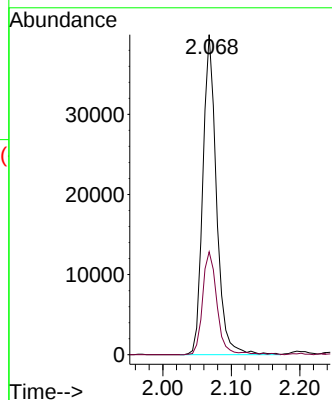
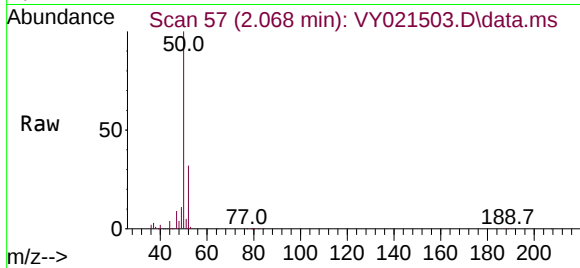




#3
Chloromethane
Concen: 20.267 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

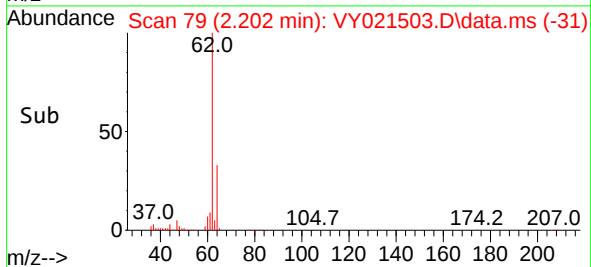
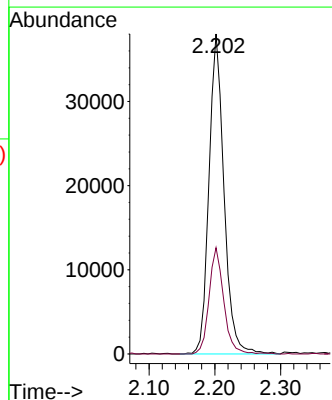
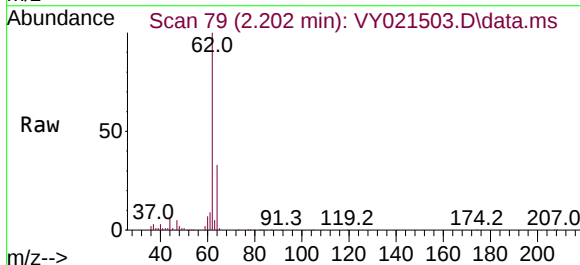
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

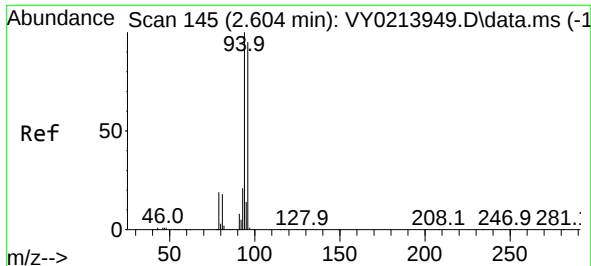
Tgt Ion: 50 Resp: 55570
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 20.195 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 62 Resp: 60514
Ion Ratio Lower Upper
62 100
64 33.2 26.2 39.2

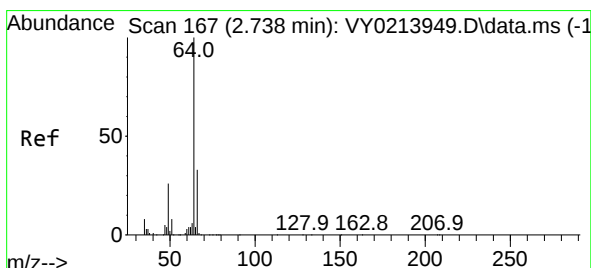
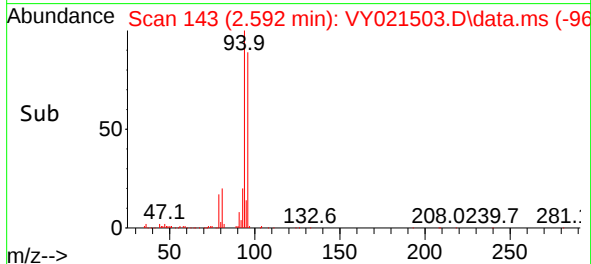
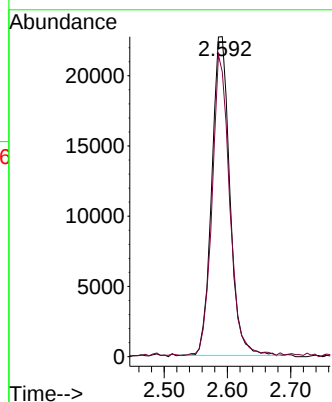
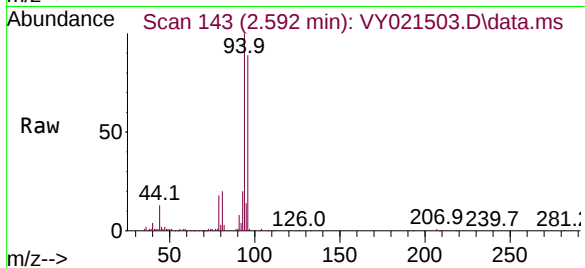




#5
Bromomethane
Concen: 20.805 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

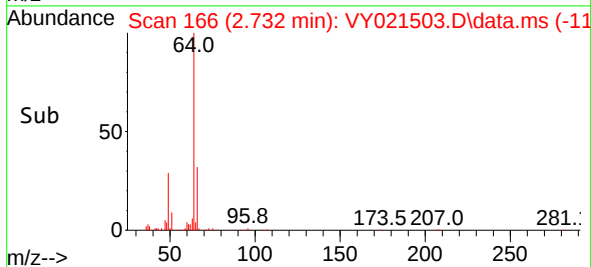
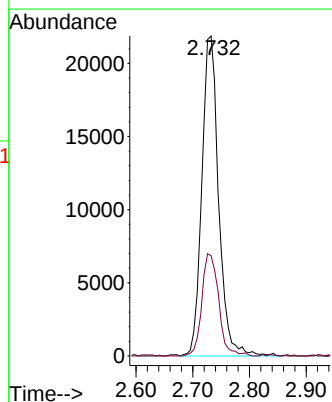
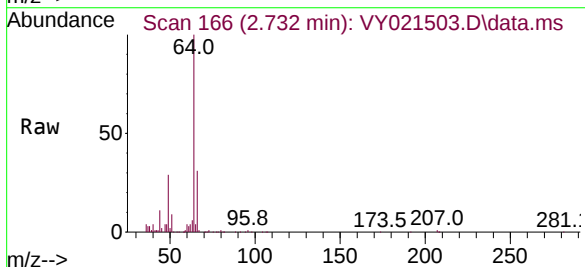
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

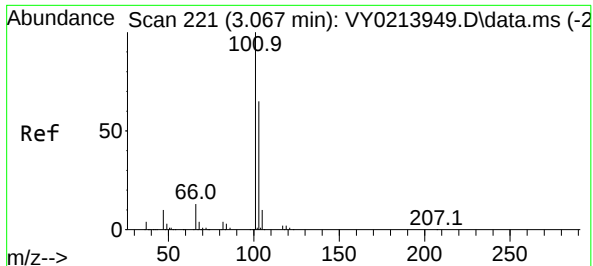
Tgt Ion: 94 Resp: 45055
Ion Ratio Lower Upper
94 100
96 88.9 76.3 114.5



#6
Chloroethane
Concen: 22.745 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 64 Resp: 45038
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1

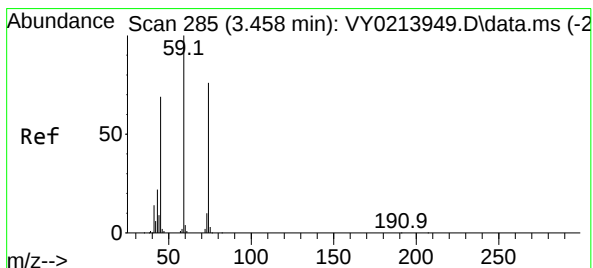
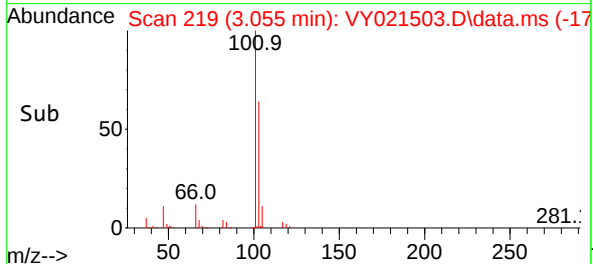
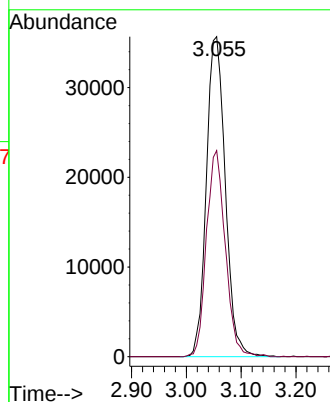
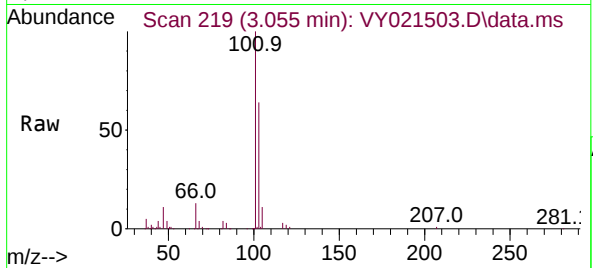




#7
 Trichlorofluoromethane
 Concen: 20.412 ug/l
 RT: 3.055 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

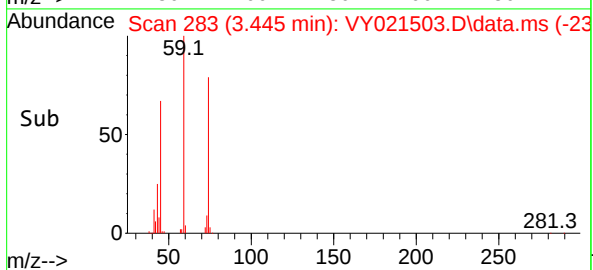
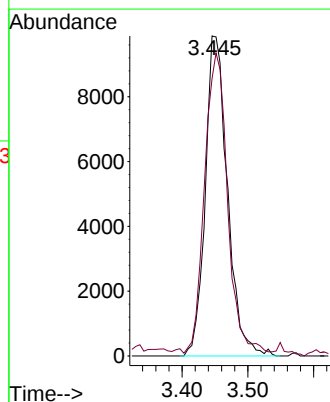
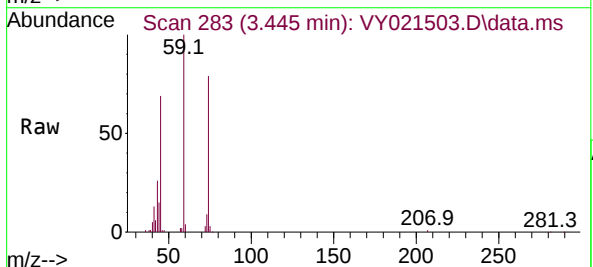
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

Tgt Ion:101 Resp: 85369
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 19.998 ug/l
 RT: 3.445 min Scan# 283
 Delta R.T. -0.012 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion: 74 Resp: 23178
 Ion Ratio Lower Upper
 74 100
 45 97.3 49.7 149.1

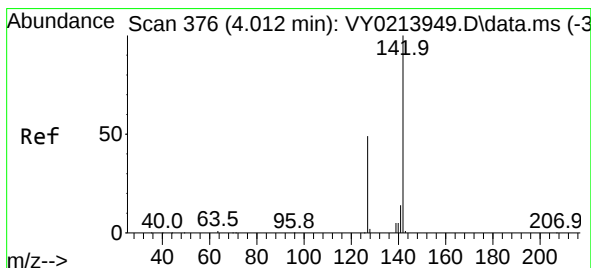
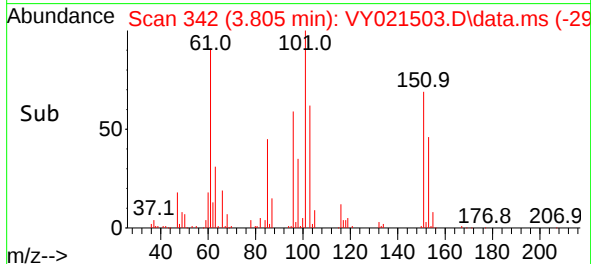
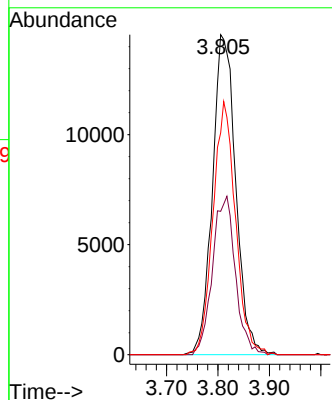
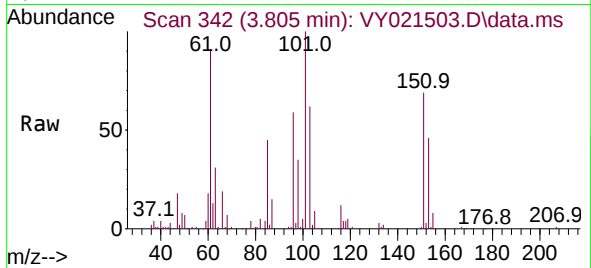




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.163 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.025 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

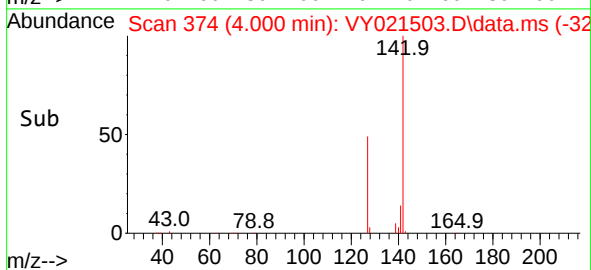
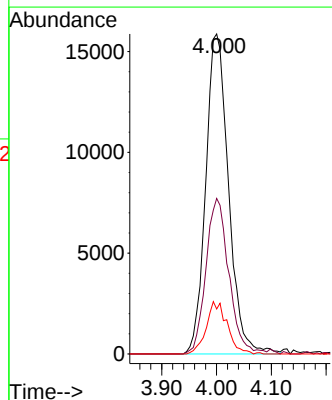
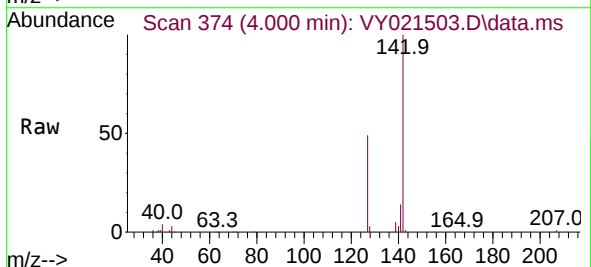
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

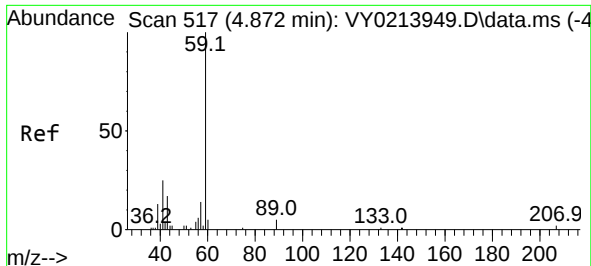
Tgt Ion:101 Resp: 45759
Ion Ratio Lower Upper
101 100
85 48.6 37.1 55.7
151 76.5 62.1 93.1



#10
Methyl Iodide
Concen: 18.913 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:142 Resp: 45907
Ion Ratio Lower Upper
142 100
127 48.7 39.1 58.7
141 15.0 11.8 17.6

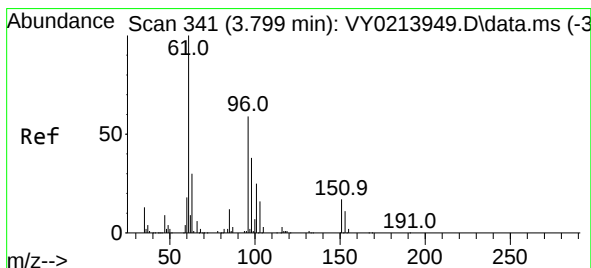
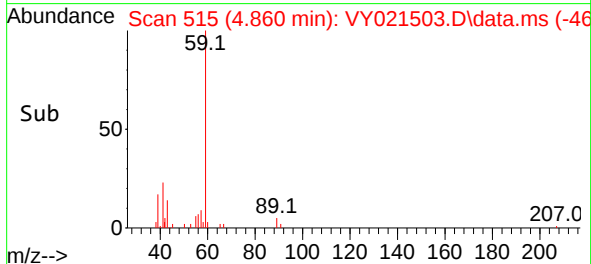
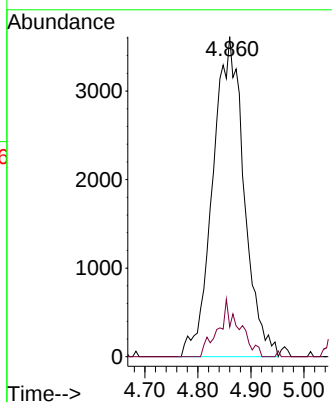
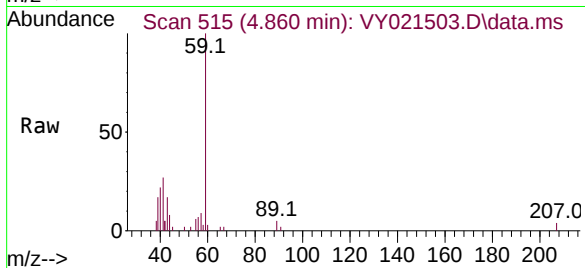




#11
Tert butyl alcohol
Concen: 86.770 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

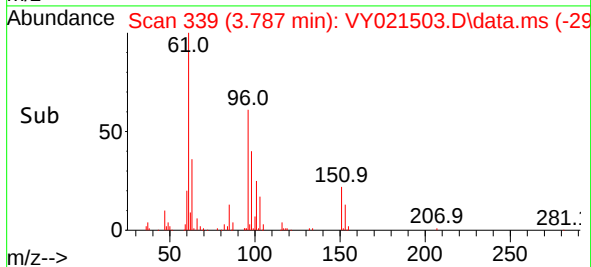
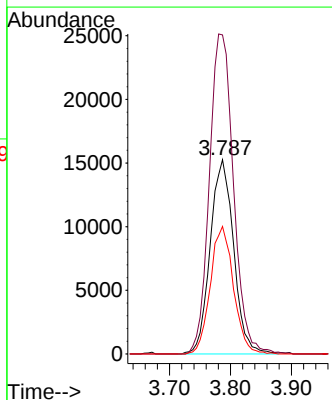
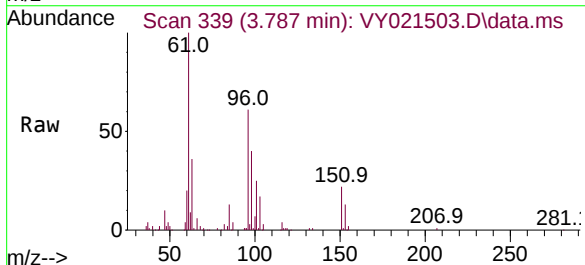
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

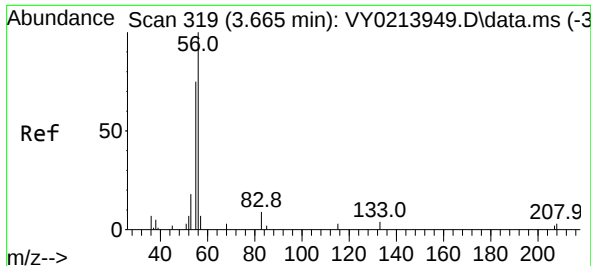
Tgt Ion: 59 Resp: 14780
Ion Ratio Lower Upper
59 100
57 12.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.767 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 96 Resp: 40855
Ion Ratio Lower Upper
96 100
61 164.3 135.2 202.8
98 65.7 51.4 77.2

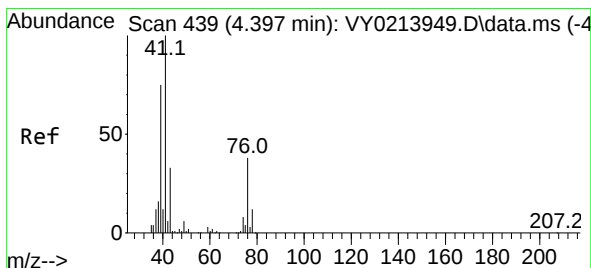
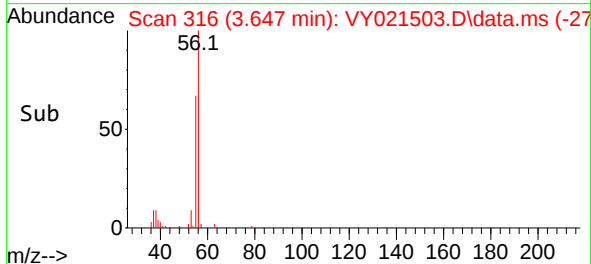
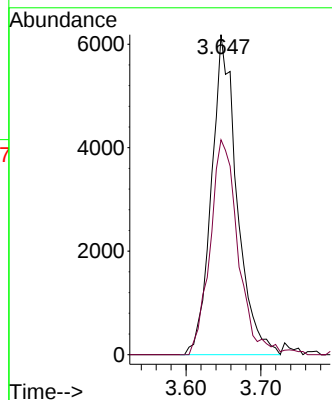
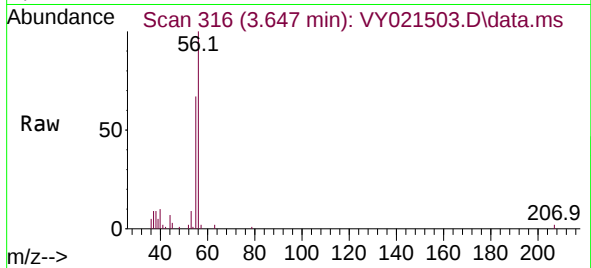




#13
Acrolein
Concen: 129.020 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

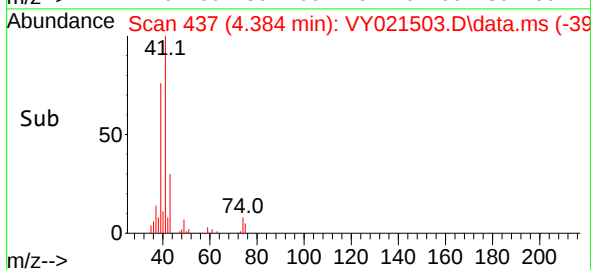
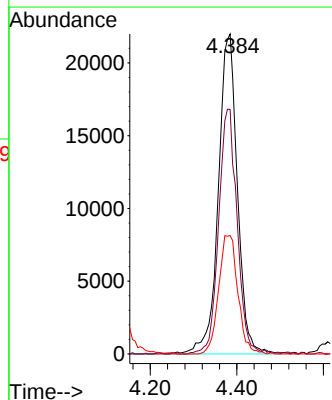
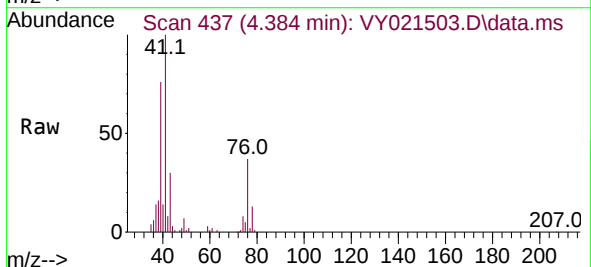
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

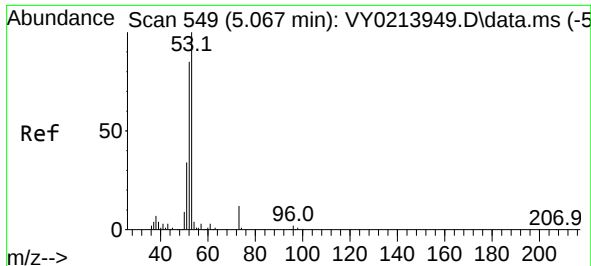
Tgt Ion: 56 Resp: 14700
Ion Ratio Lower Upper
56 100
55 73.1 63.4 95.2



#14
Allyl chloride
Concen: 19.091 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 41 Resp: 67166
Ion Ratio Lower Upper
41 100
39 73.9 59.3 88.9
76 37.3 29.8 44.8

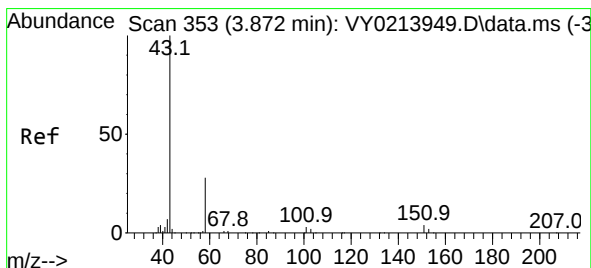
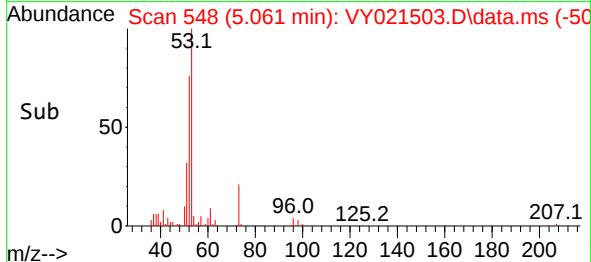
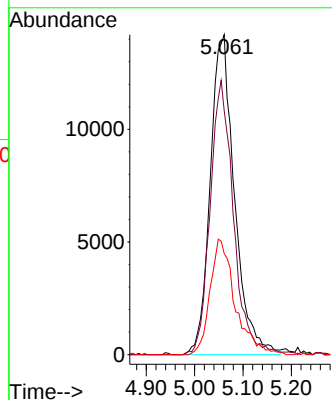
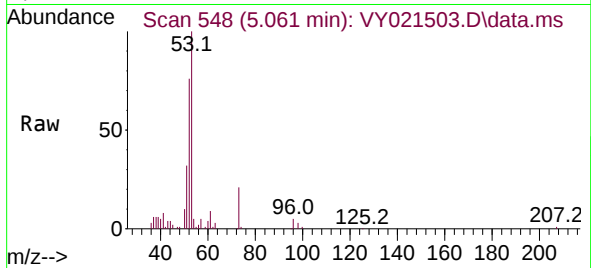




#15
Acrylonitrile
Concen: 100.348 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

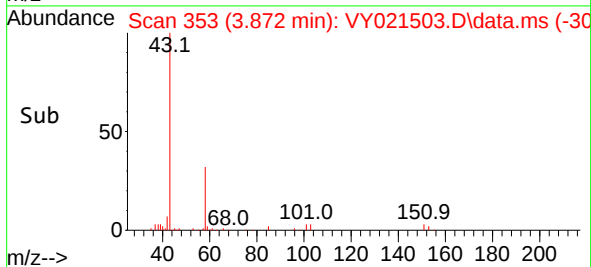
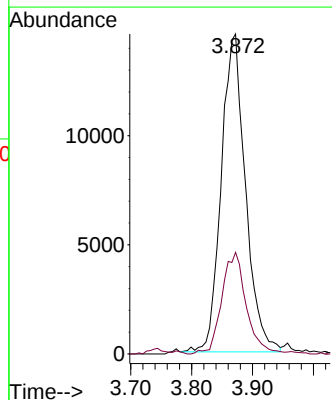
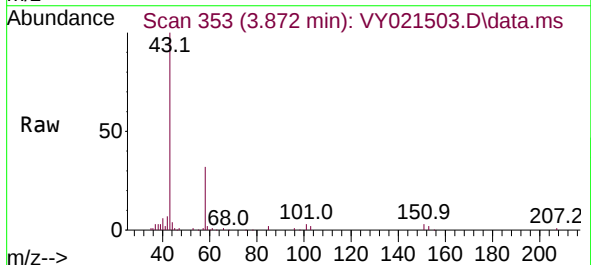
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

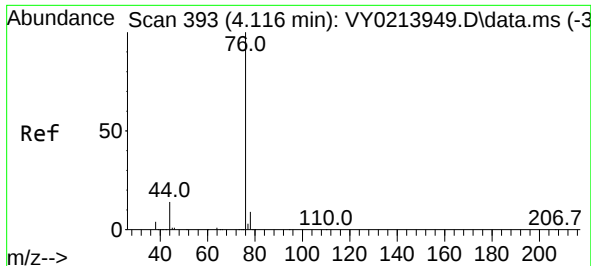
Tgt Ion: 53 Resp: 49511
Ion Ratio Lower Upper
53 100
52 82.4 66.3 99.5
51 37.3 30.3 45.5



#16
Acetone
Concen: 82.304 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 43 Resp: 40211
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1

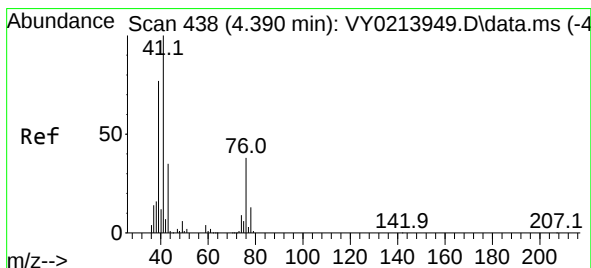
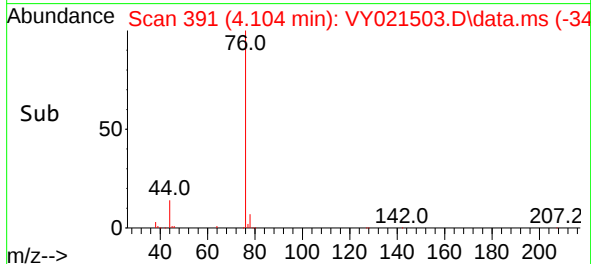
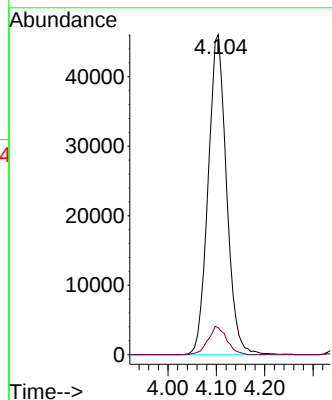
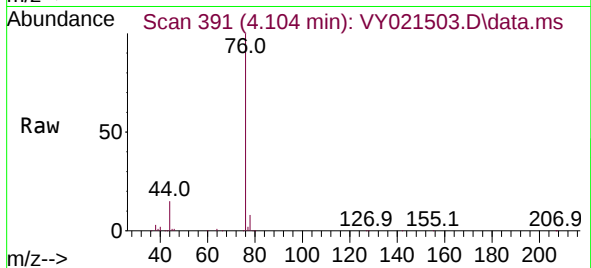




#17
Carbon Disulfide
Concen: 17.835 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

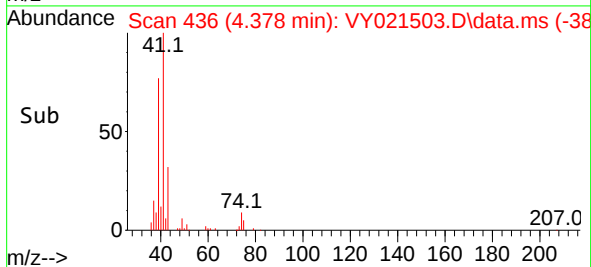
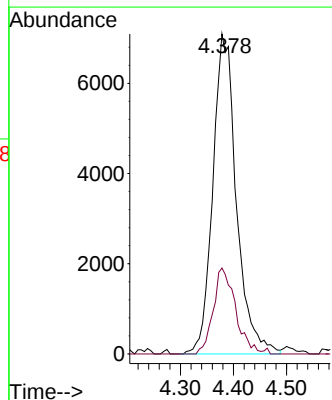
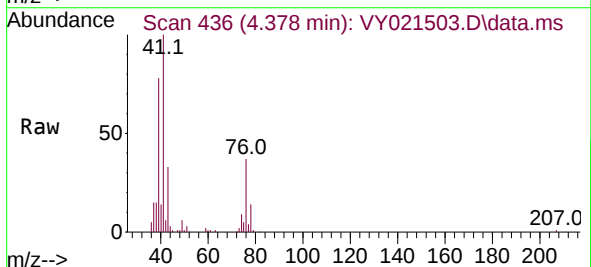
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

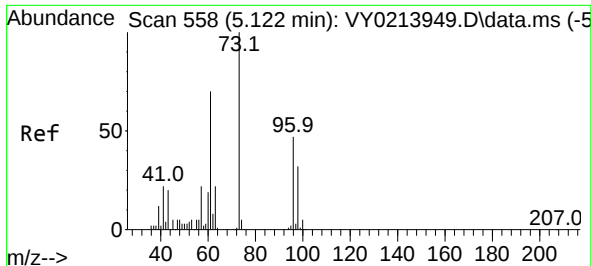
Tgt Ion: 76 Resp: 121684
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 20.198 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 43 Resp: 21896
Ion Ratio Lower Upper
43 100
74 25.3 19.4 29.0

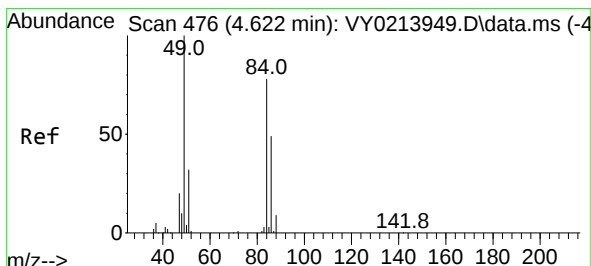
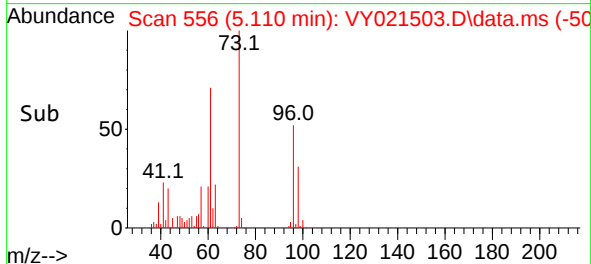
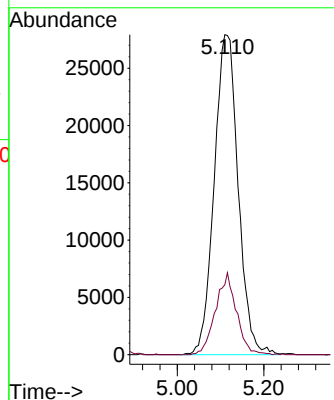
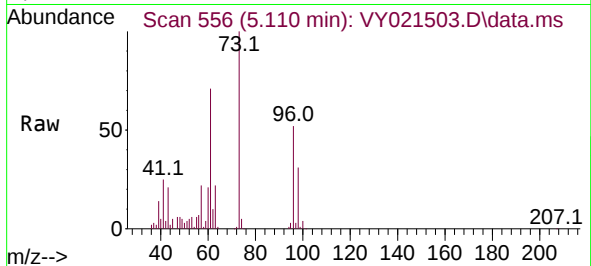




#19
Methyl tert-butyl Ether
Concen: 19.481 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

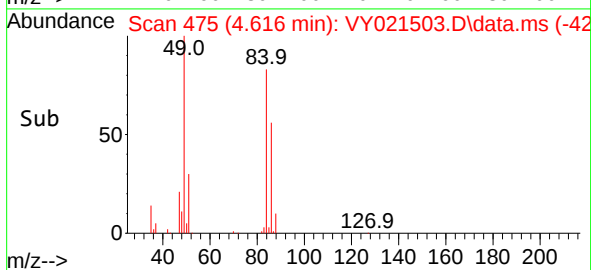
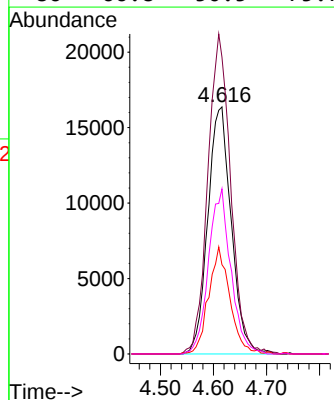
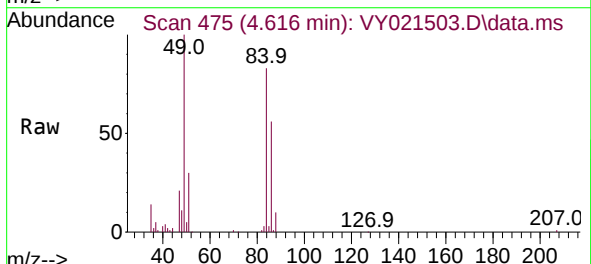
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion: 73 Resp: 107495
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 19.637 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 84 Resp: 50362
Ion Ratio Lower Upper
84 100
49 120.1 102.0 153.0
51 36.2 33.0 49.6
86 66.8 50.5 75.7

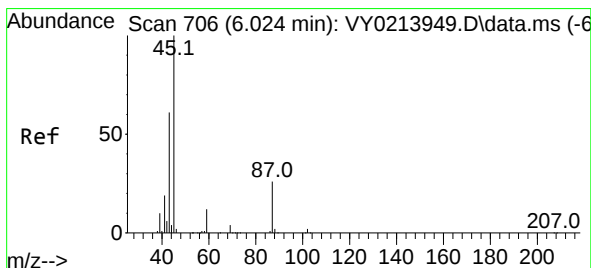
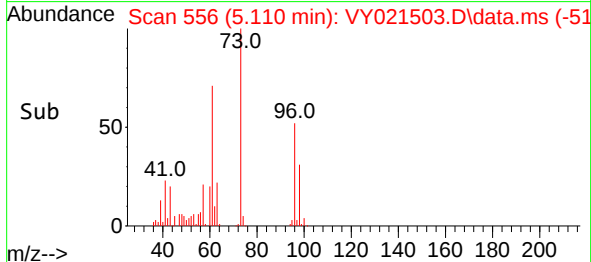
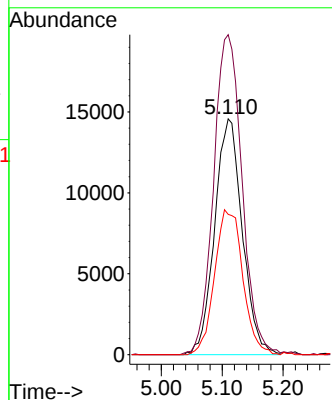
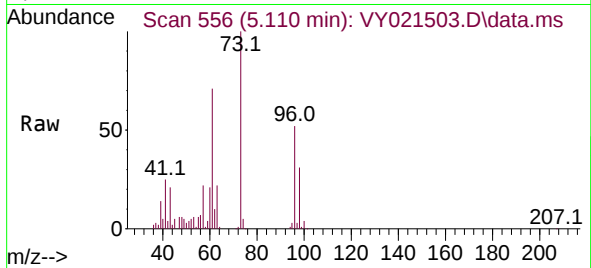




#21
trans-1,2-Dichloroethene
Concen: 18.845 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

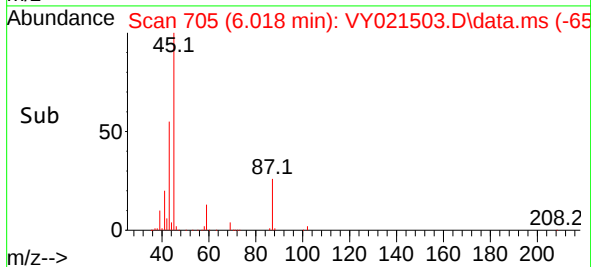
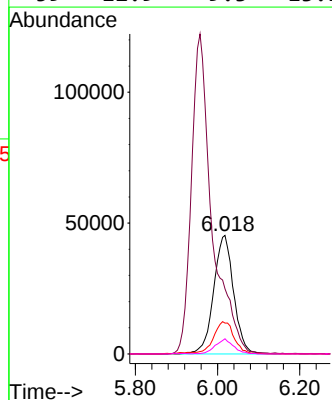
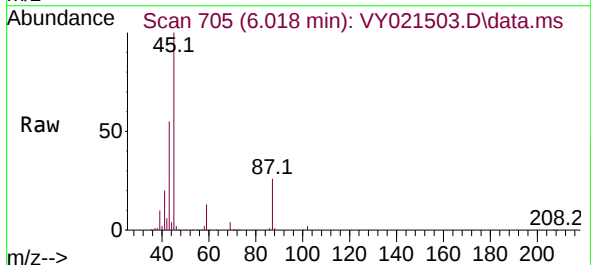
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

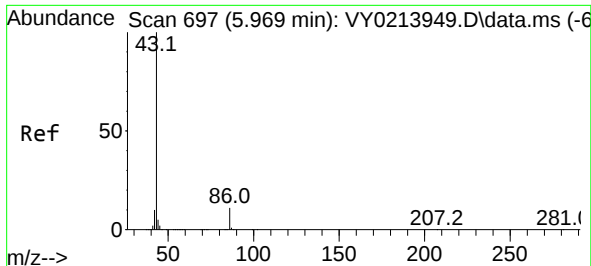
Tgt Ion: 96 Resp: 45945
Ion Ratio Lower Upper
96 100
61 135.7 111.5 167.3
98 59.5 53.8 80.8



#22
Diisopropyl ether
Concen: 20.113 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 45 Resp: 152496
Ion Ratio Lower Upper
45 100
43 54.6 48.7 73.1
87 26.0 21.5 32.3
59 12.9 9.3 13.9

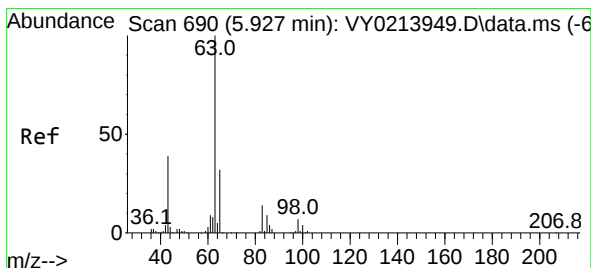
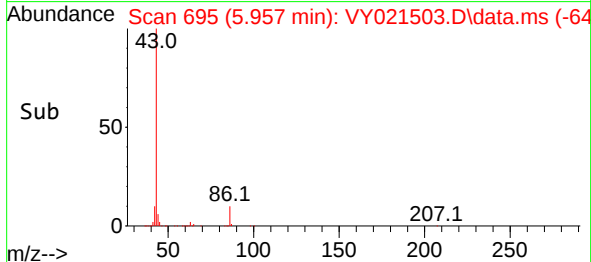
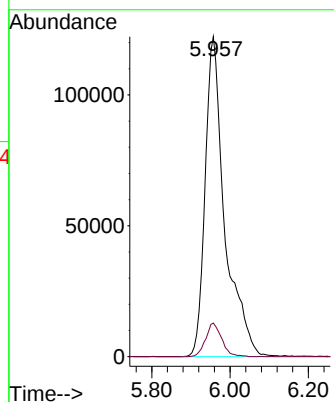
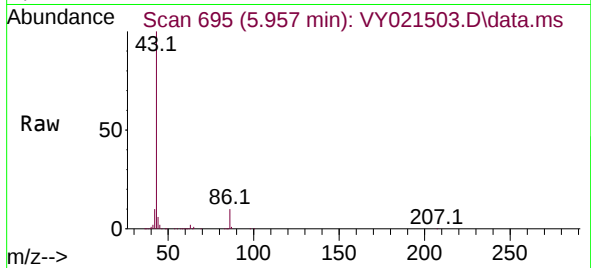




#23
 Vinyl Acetate
 Concen: 98.303 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

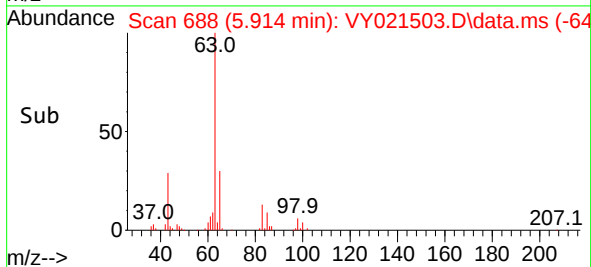
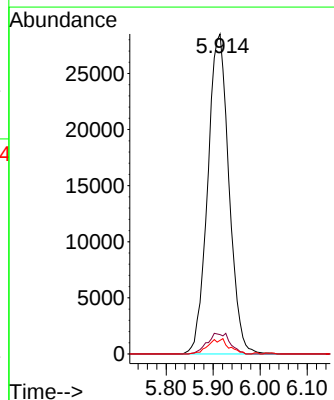
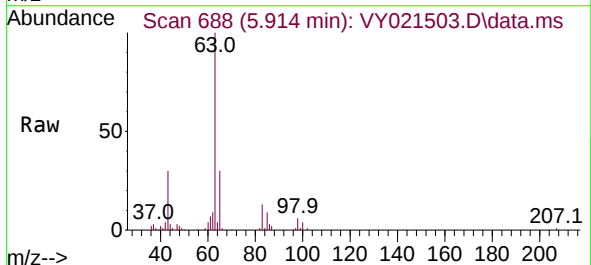
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

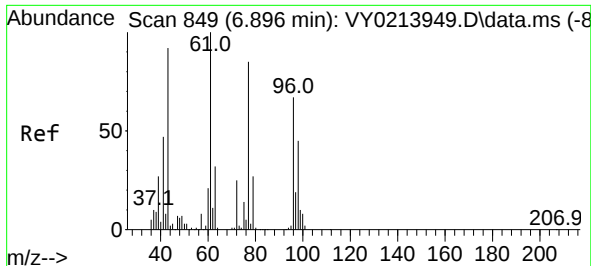
Tgt Ion: 43 Resp: 425364
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.976 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion: 63 Resp: 89392
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 91.818 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

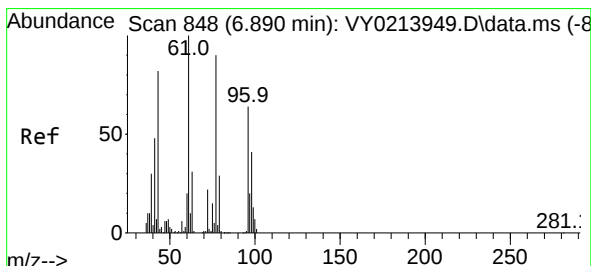
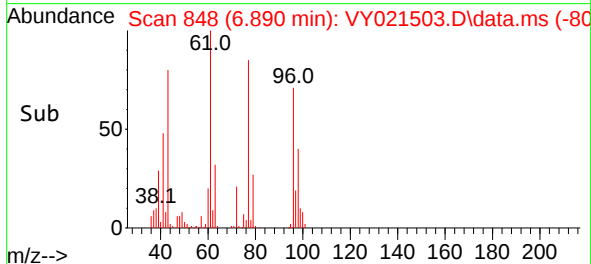
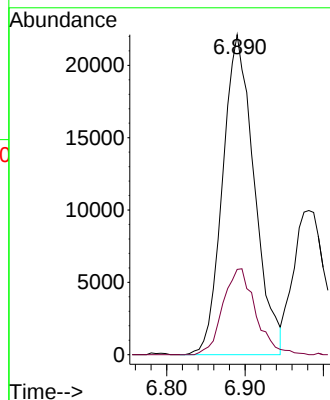
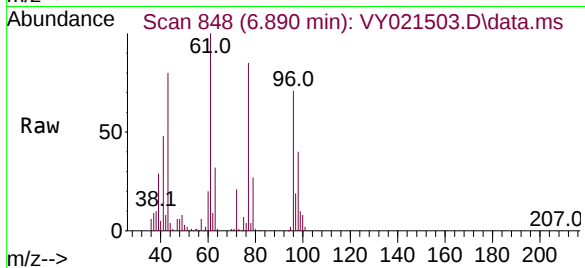
VY0312SBS01

Tgt Ion: 43 Resp: 62054

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.0



#26

2,2-Dichloropropane

Concen: 18.823 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY021503.D

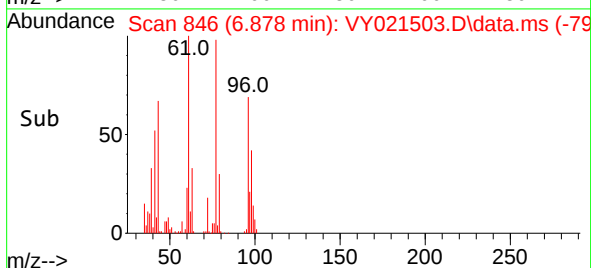
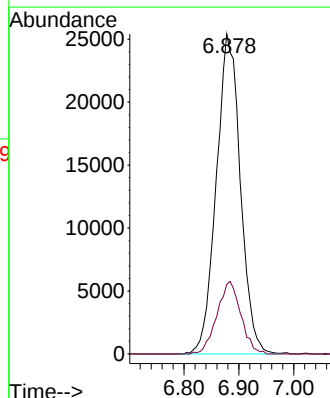
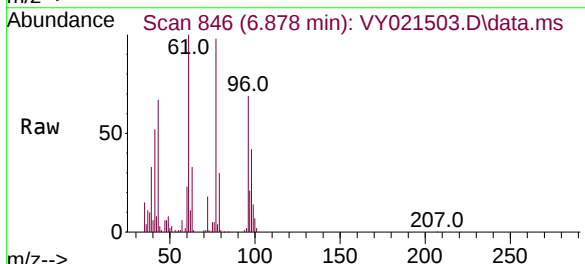
Acq: 12 Mar 2025 12:27

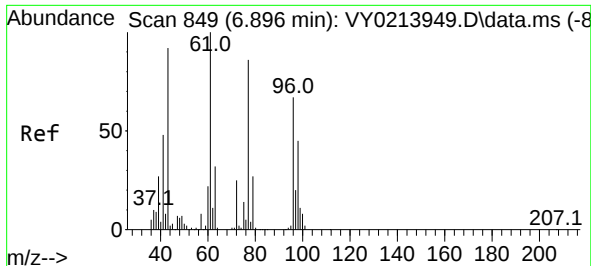
Tgt Ion: 77 Resp: 77502

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8

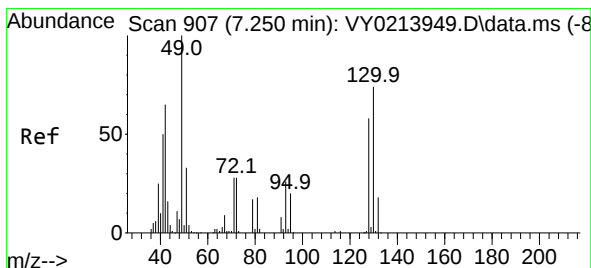
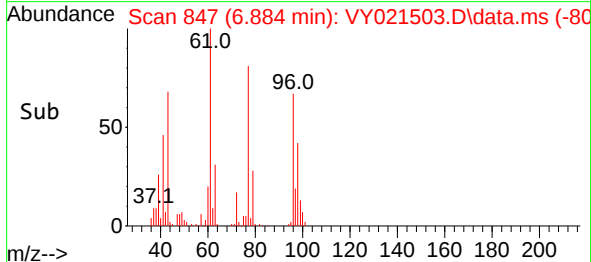
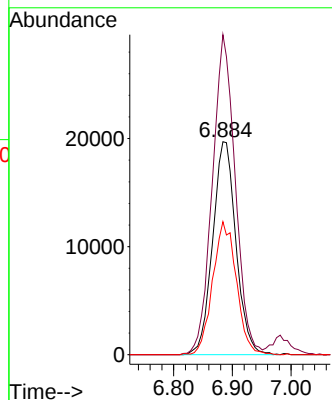
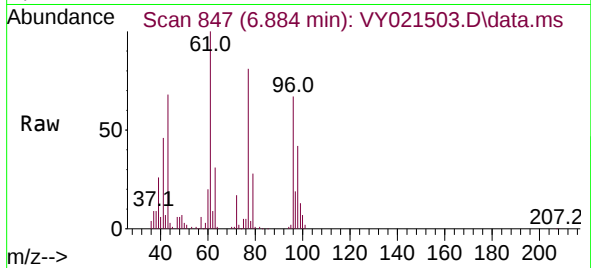




#27
 cis-1,2-Dichloroethene
 Concen: 19.596 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

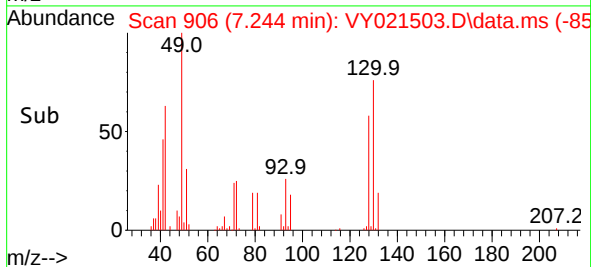
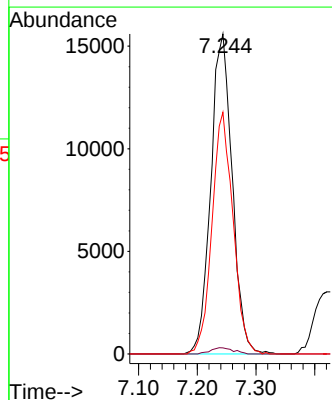
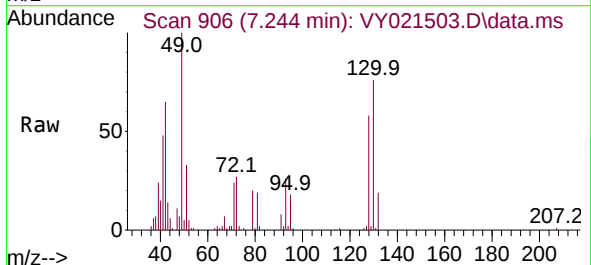
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

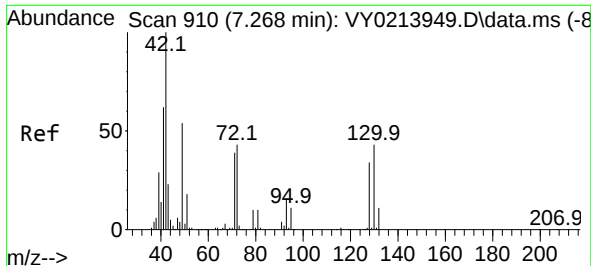
Tgt Ion: 96 Resp: 54275
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 300.8
 98 63.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.064 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion: 49 Resp: 39517
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 98.237 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

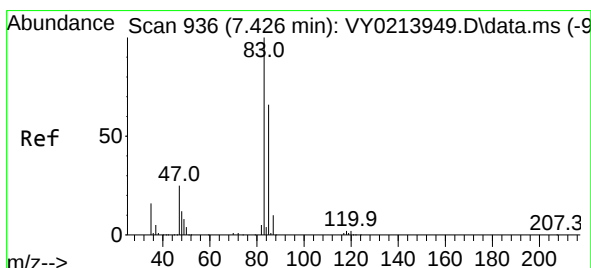
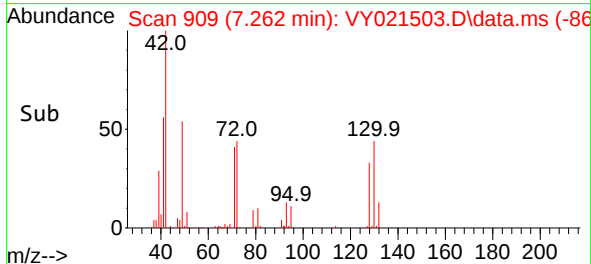
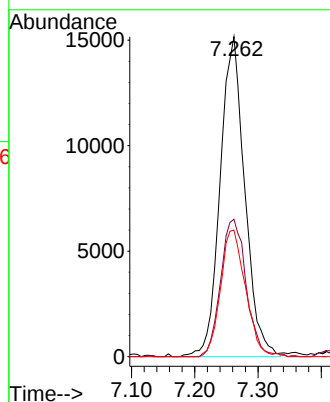
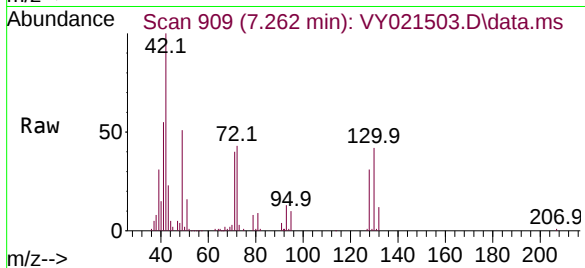
Tgt Ion: 42 Resp: 40987

Ion Ratio Lower Upper

42 100

72 44.4 34.8 52.2

71 40.1 32.6 48.8



#30

Chloroform

Concen: 20.076 ug/l

RT: 7.414 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021503.D

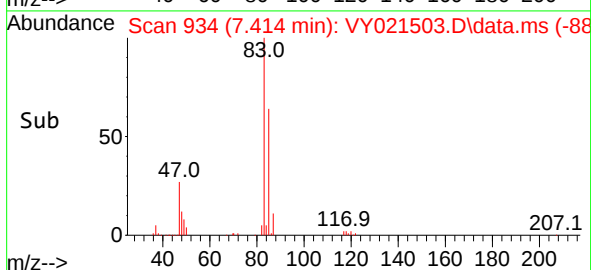
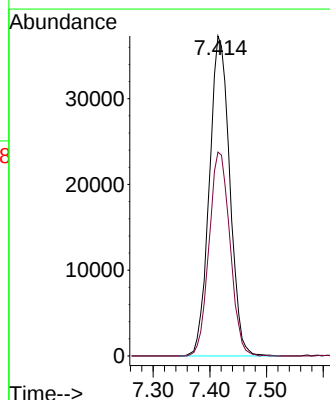
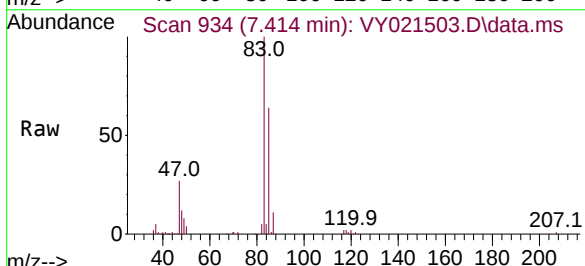
Acq: 12 Mar 2025 12:27

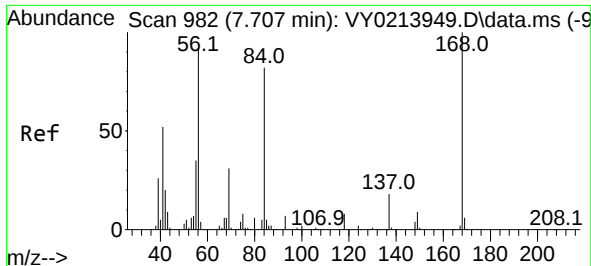
Tgt Ion: 83 Resp: 93287

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7

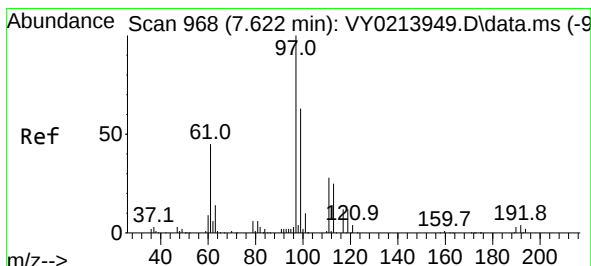
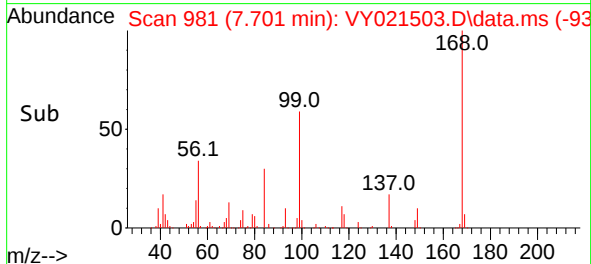
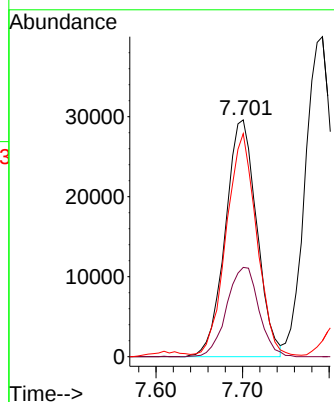
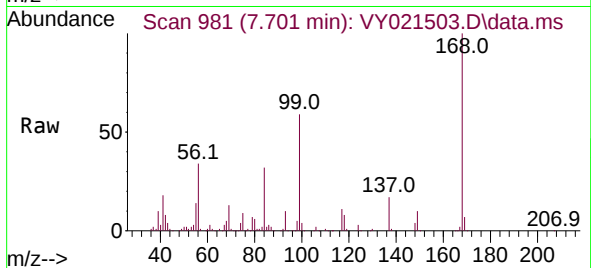




#31
Cyclohexane
Concen: 17.773 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

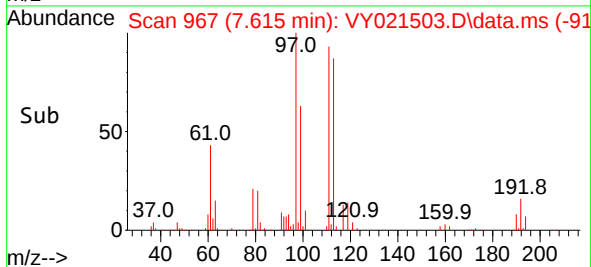
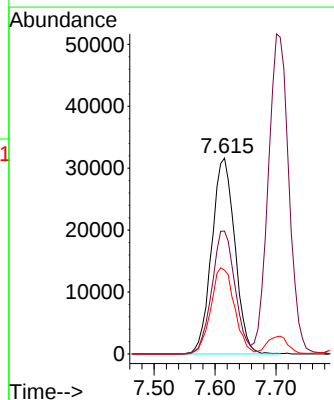
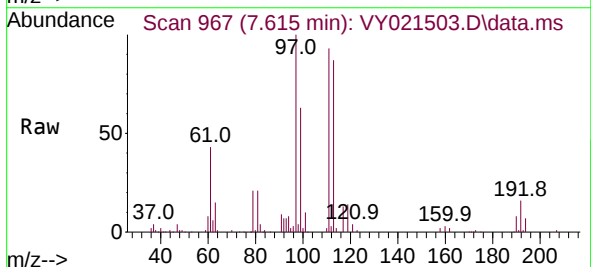
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

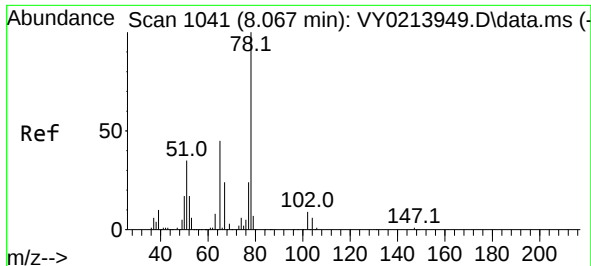
Tgt Ion: 56 Resp: 74561
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.4
84 92.8 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 19.589 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 97 Resp: 83345
Ion Ratio Lower Upper
97 100
99 62.8 51.7 77.5
61 44.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.059 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

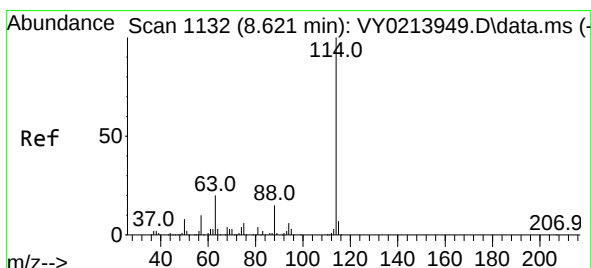
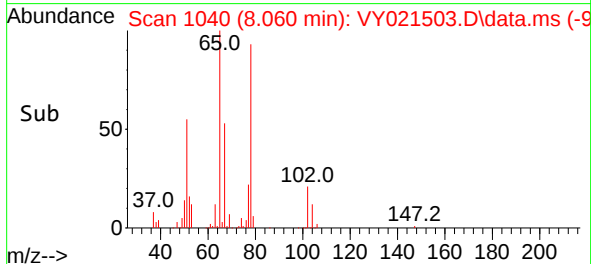
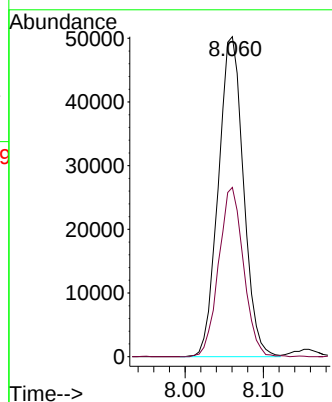
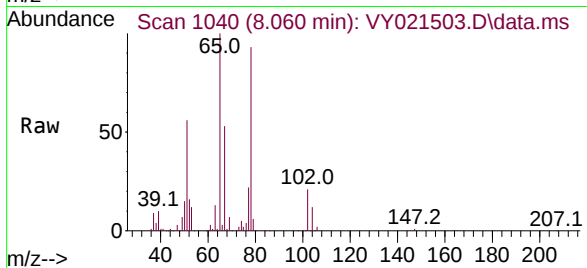
VY0312SBS01

Tgt Ion: 65 Resp: 112133

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

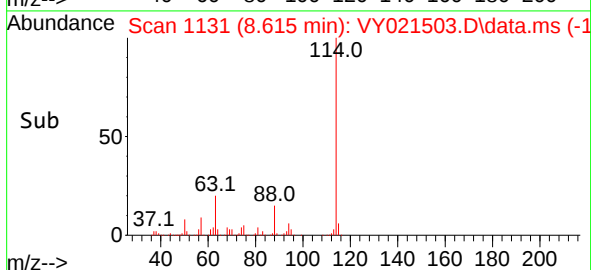
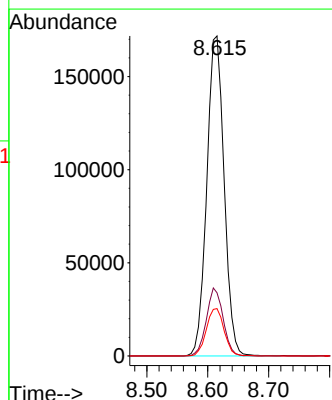
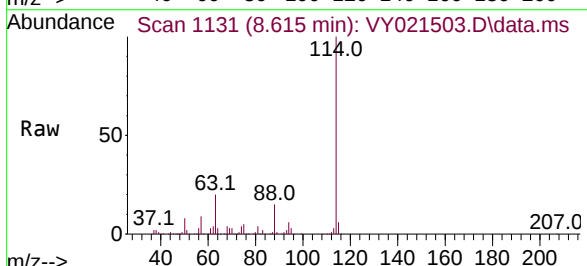
Tgt Ion: 114 Resp: 339487

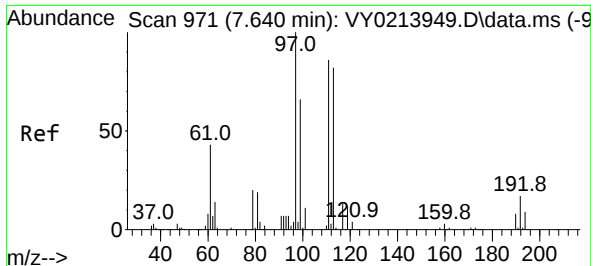
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.866 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

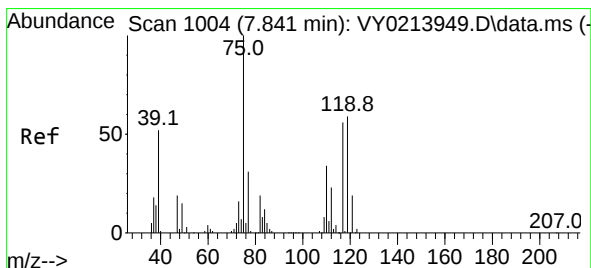
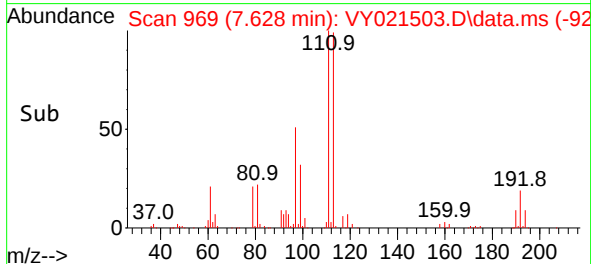
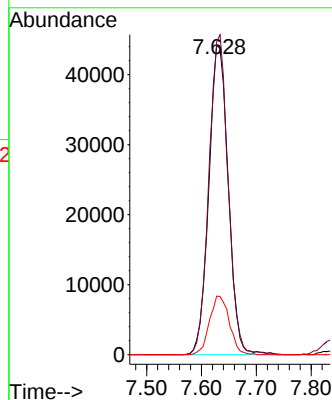
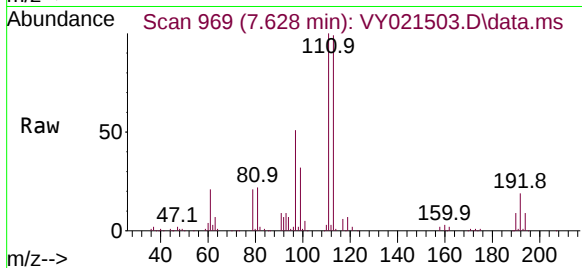
Tgt Ion:113 Resp: 109044

Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 19.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.240 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

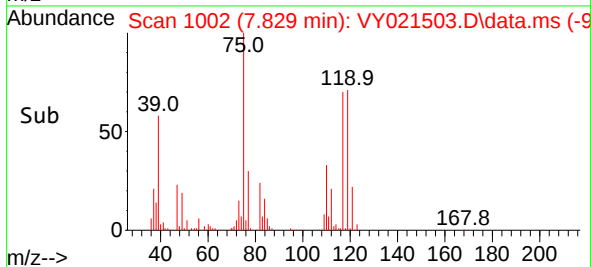
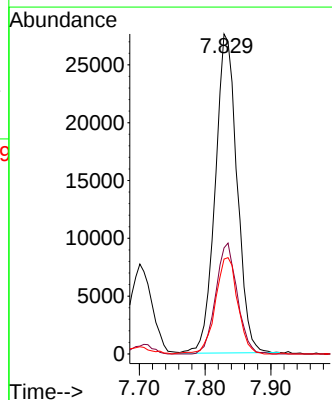
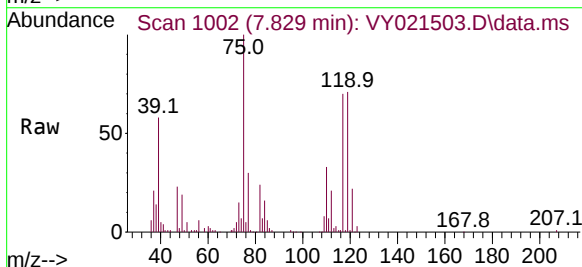
Tgt Ion: 75 Resp: 63714

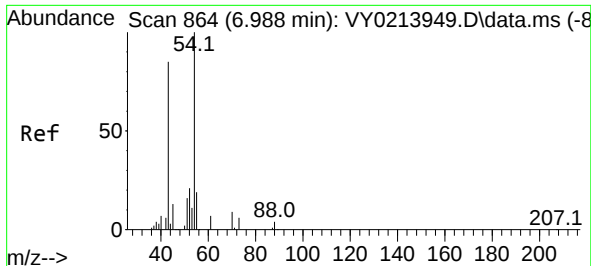
Ion Ratio Lower Upper

75 100

110 34.2 17.3 51.7

77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 18.169 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

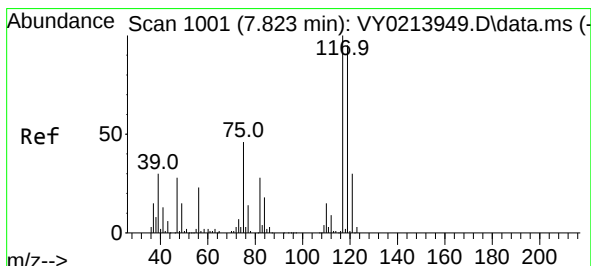
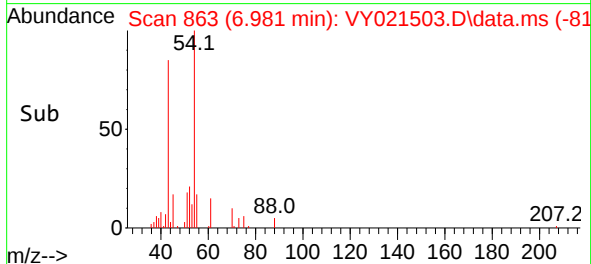
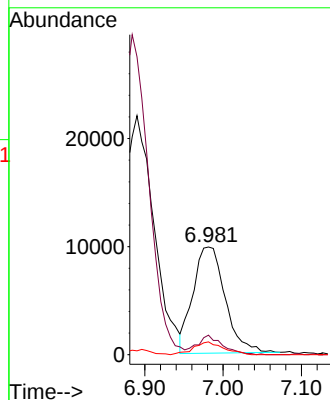
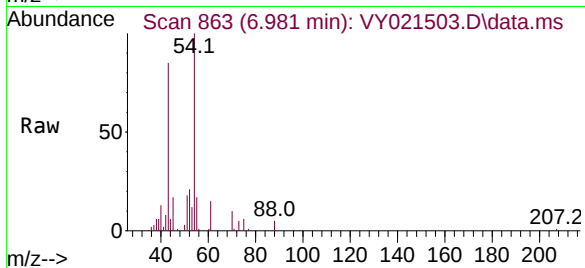
Tgt Ion: 43 Resp: 28051

Ion Ratio Lower Upper

43 100

61 14.4 11.4 17.0

70 11.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.681 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

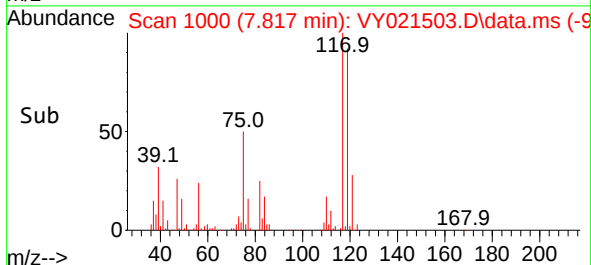
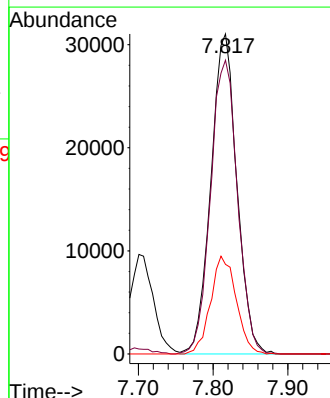
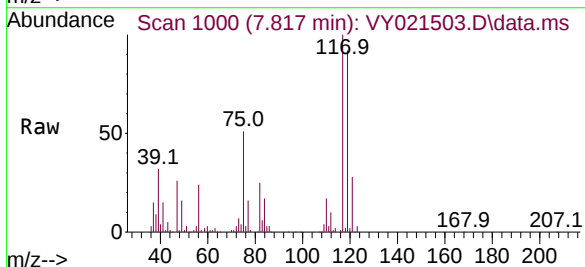
Tgt Ion: 117 Resp: 75047

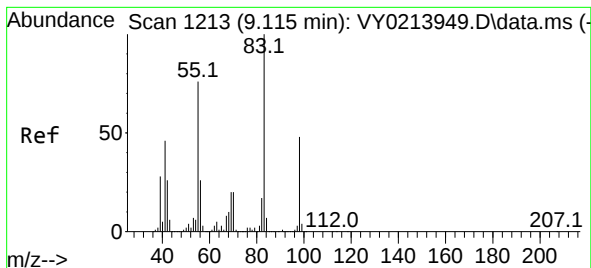
Ion Ratio Lower Upper

117 100

119 91.8 75.8 113.8

121 28.0 23.9 35.9

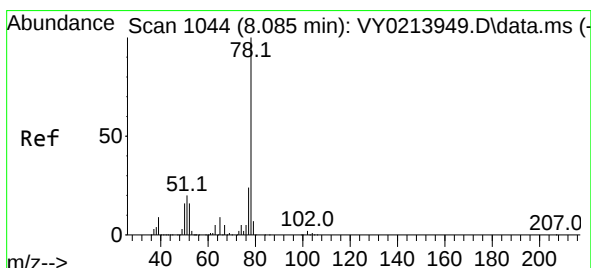
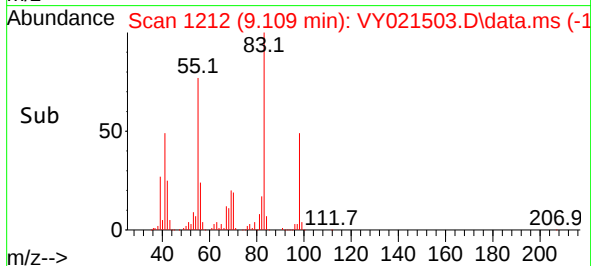
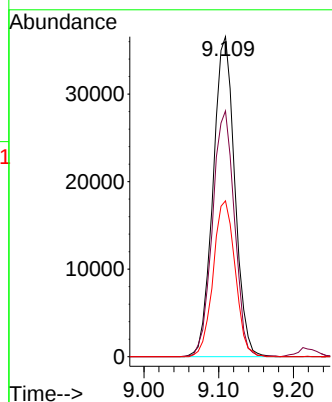
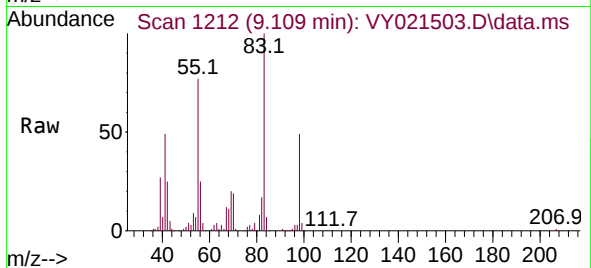




#39
Methylcyclohexane
Concen: 17.219 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

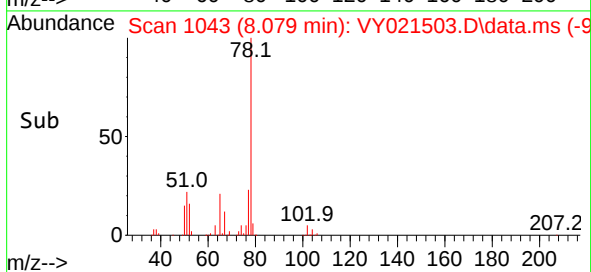
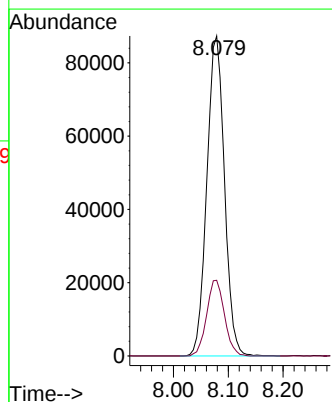
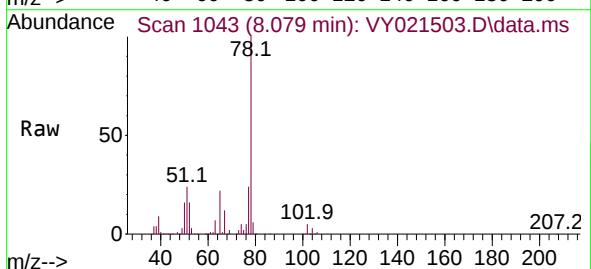
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

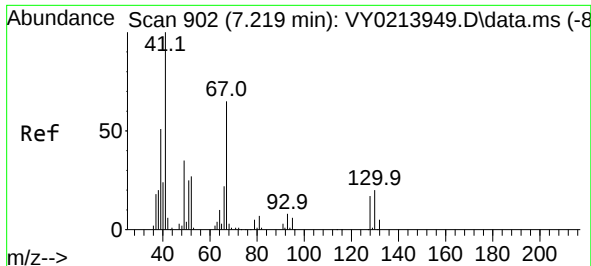
Tgt Ion: 83 Resp: 73774
Ion Ratio Lower Upper
83 100
55 76.8 60.7 91.1
98 48.7 38.6 57.8



#40
Benzene
Concen: 18.869 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 78 Resp: 194153
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

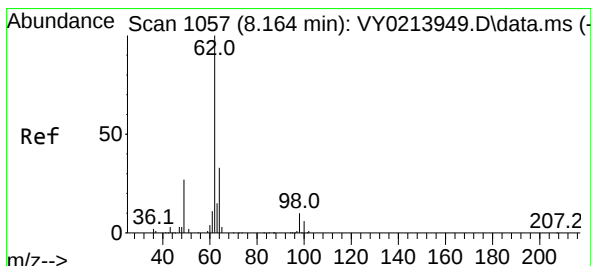
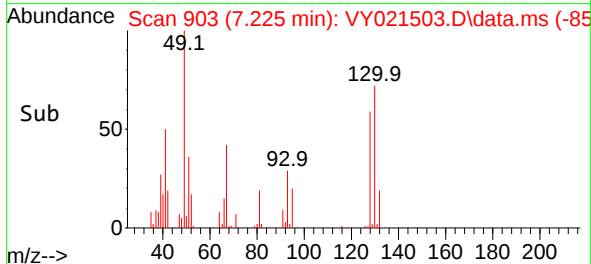
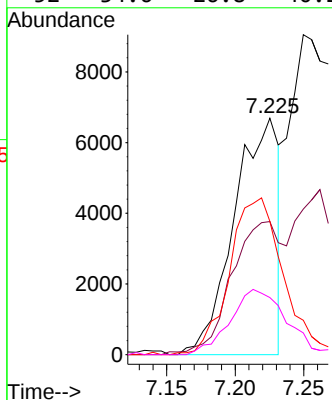
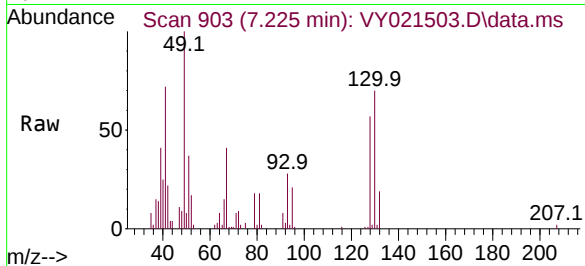




#41
Methacrylonitrile
Concen: 18.020 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

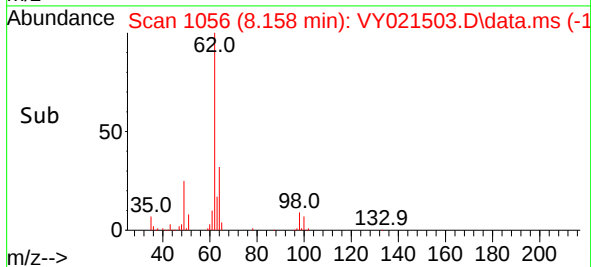
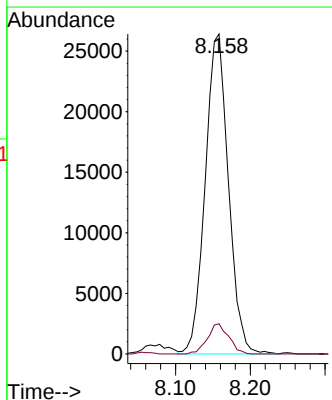
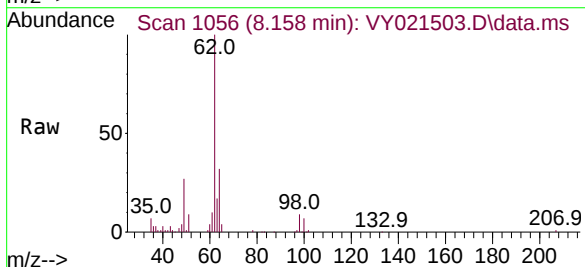
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

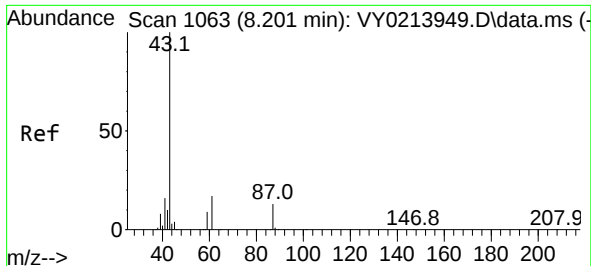
Tgt Ion:	41	Resp:	15148
Ion	Ratio	Lower	Upper
41	100		
39	66.3	35.0	52.6#
67	80.5	61.2	91.8
52	34.6	26.8	40.2



#42
1,2-Dichloroethane
Concen: 19.821 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:	62	Resp:	57056
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2

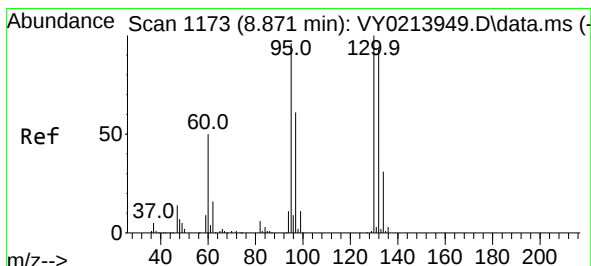
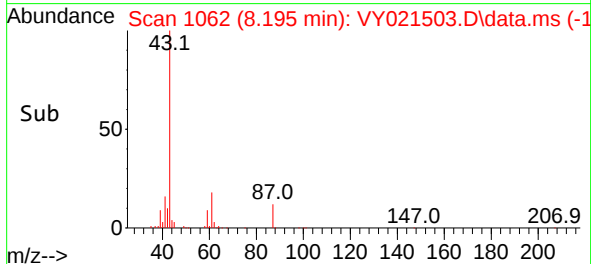
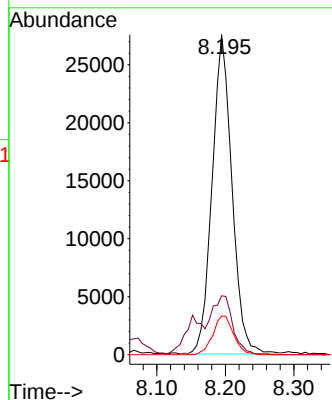
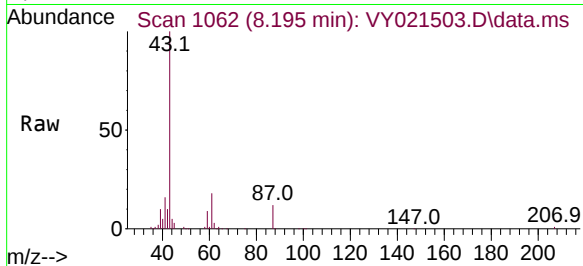




#43
Isopropyl Acetate
Concen: 18.498 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

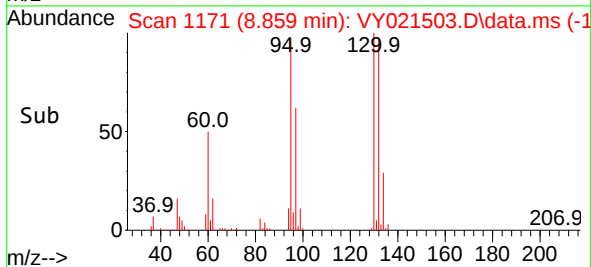
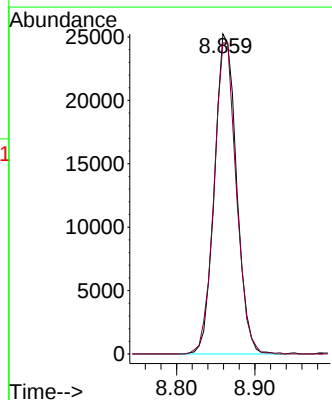
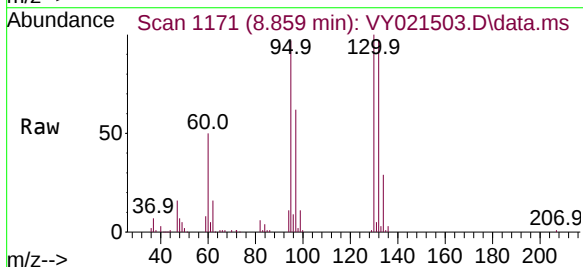
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

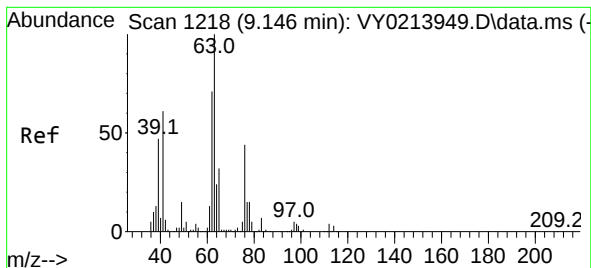
Tgt Ion: 43 Resp: 55438
Ion Ratio Lower Upper
43 100
61 19.7 23.4 35.0#
87 12.6 10.5 15.7



#44
Trichloroethene
Concen: 18.909 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:130 Resp: 49167
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.344 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

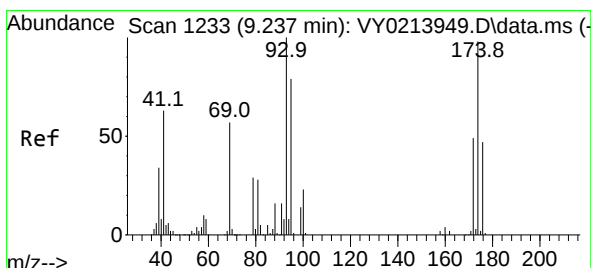
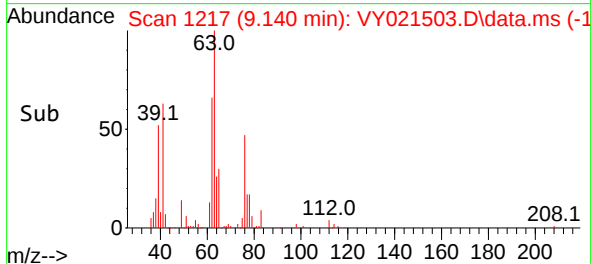
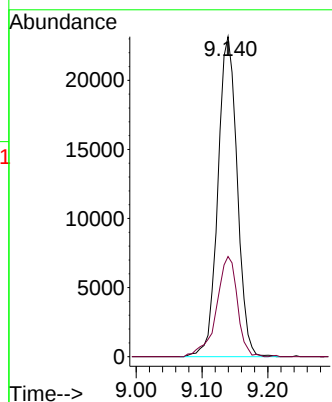
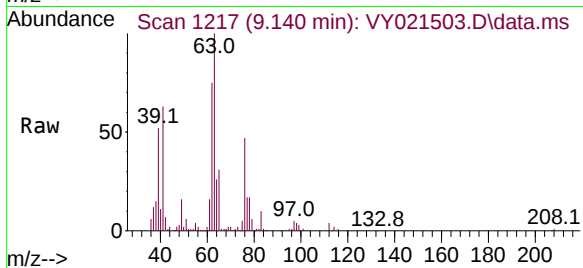
VY0312SBS01

Tgt Ion: 63 Resp: 47371

Ion Ratio Lower Upper

63 100

65 31.3 26.0 39.0



#46

Dibromomethane

Concen: 19.874 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

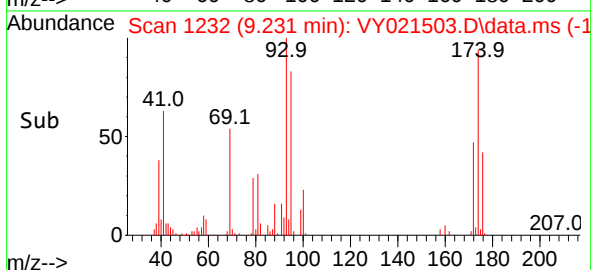
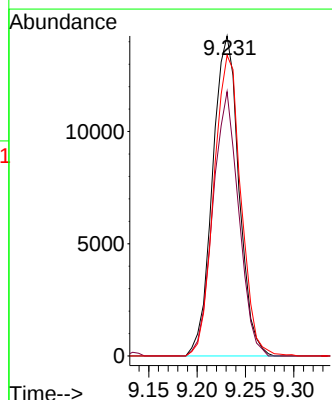
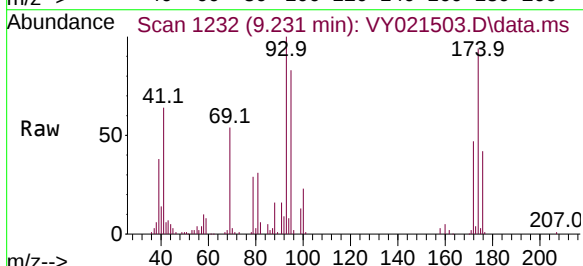
Tgt Ion: 93 Resp: 27081

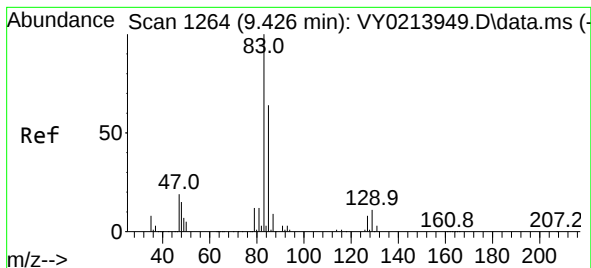
Ion Ratio Lower Upper

93 100

95 80.5 65.8 98.8

174 96.0 77.9 116.9





#47

Bromodichloromethane

Concen: 19.712 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

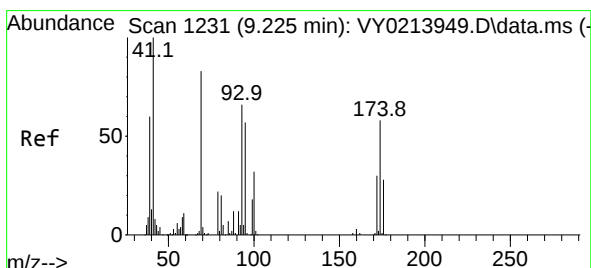
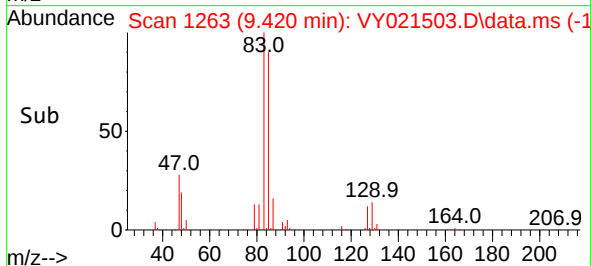
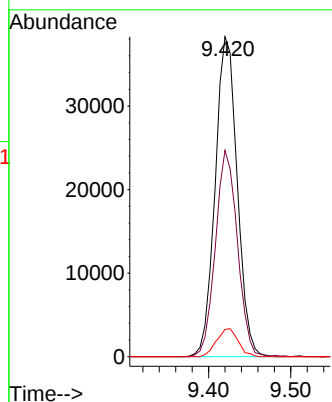
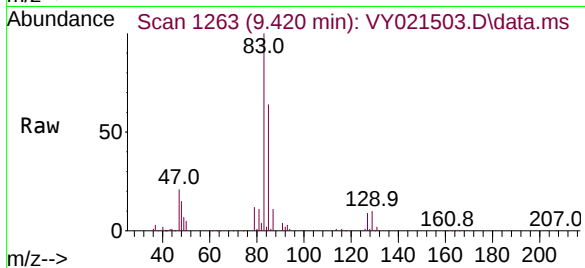
Tgt Ion: 83 Resp: 71329

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

127 8.5 6.7 10.1



#48

Methyl methacrylate

Concen: 18.834 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

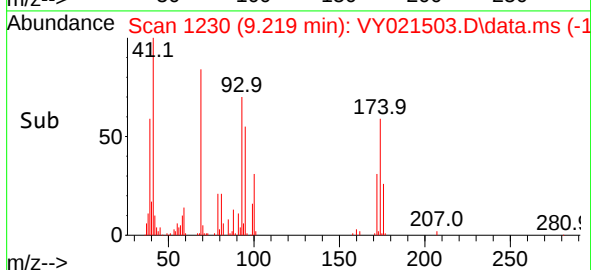
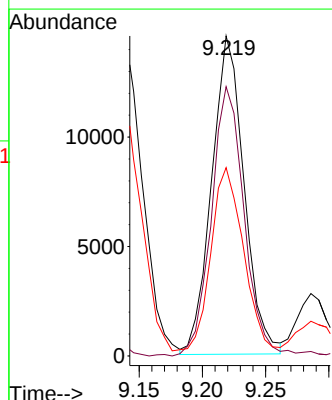
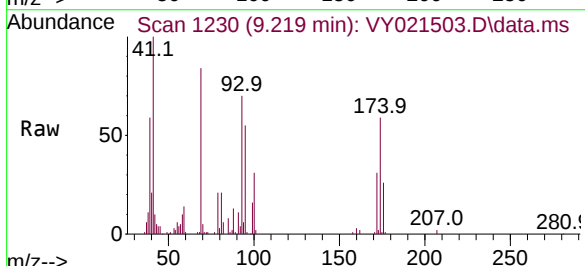
Tgt Ion: 41 Resp: 25919

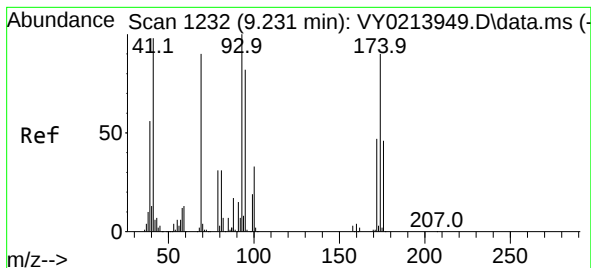
Ion Ratio Lower Upper

41 100

69 86.3 67.8 101.8

39 57.3 46.4 69.6





#49

1,4-Dioxane

Concen: 423.195 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

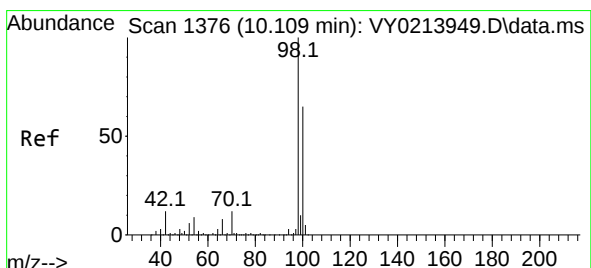
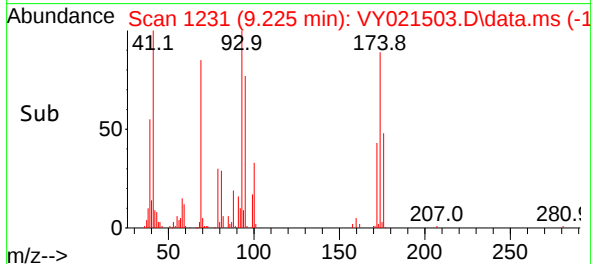
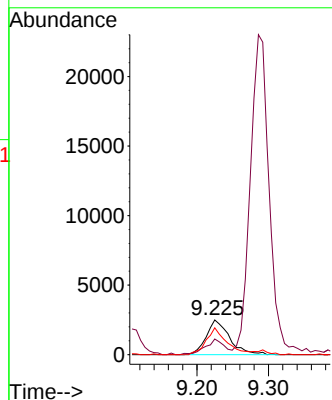
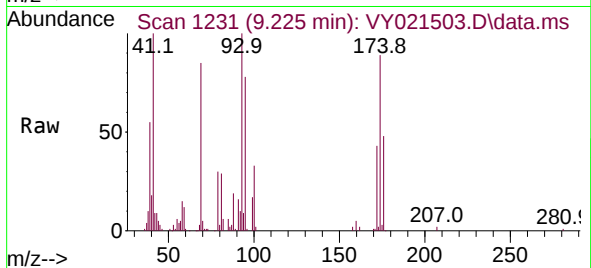
Tgt Ion: 88 Resp: 5660

Ion Ratio Lower Upper

88 100

43 37.0 25.0 37.4

58 68.0 58.4 87.6



#50

Toluene-d8

Concen: 47.415 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021503.D

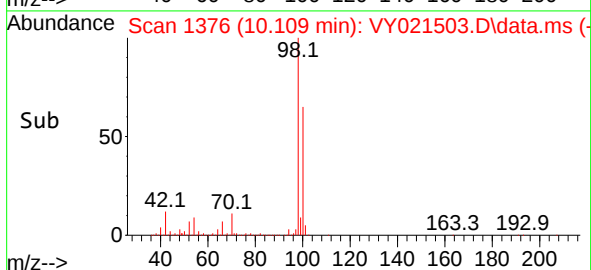
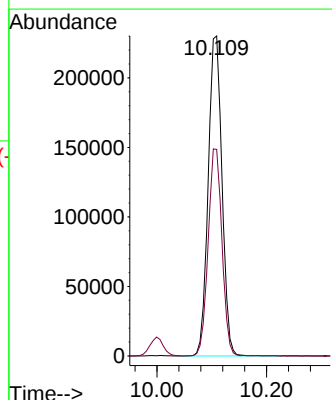
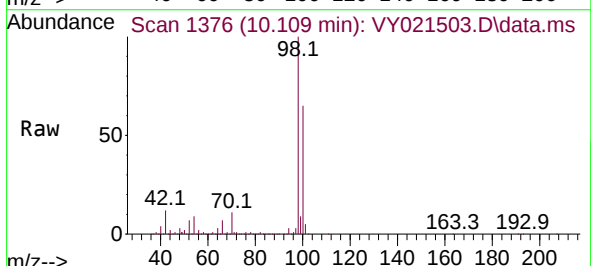
Acq: 12 Mar 2025 12:27

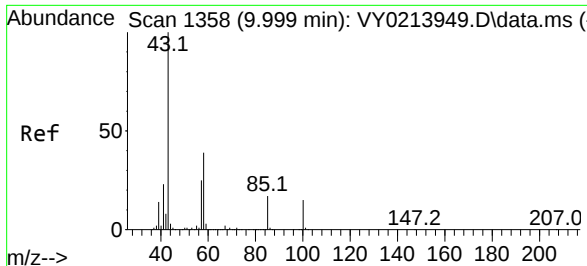
Tgt Ion: 98 Resp: 400619

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

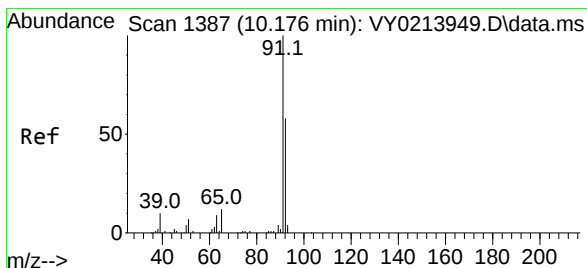
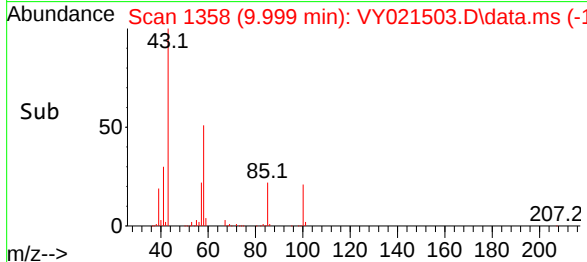
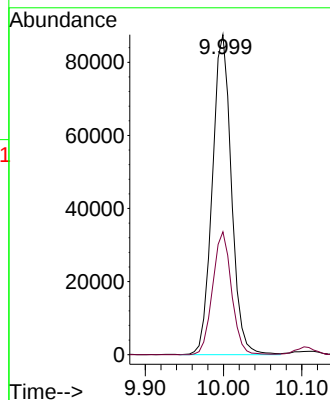
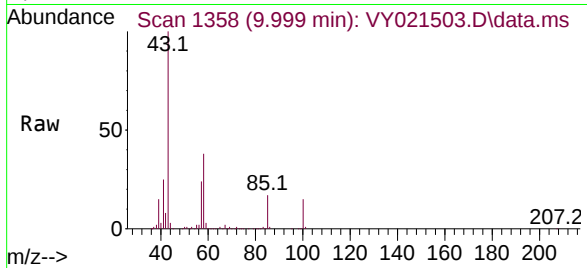




#51
4-Methyl-2-Pentanone
Concen: 95.891 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

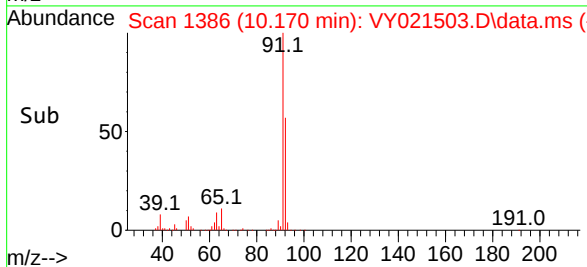
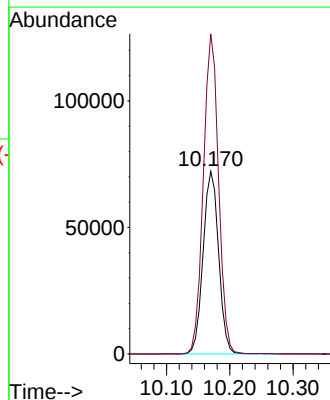
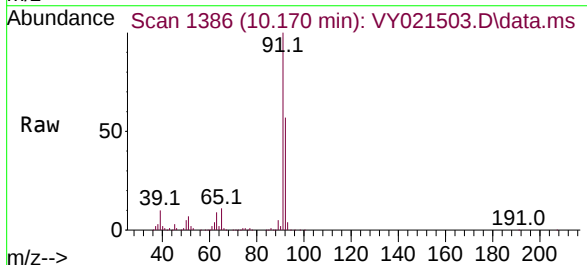
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

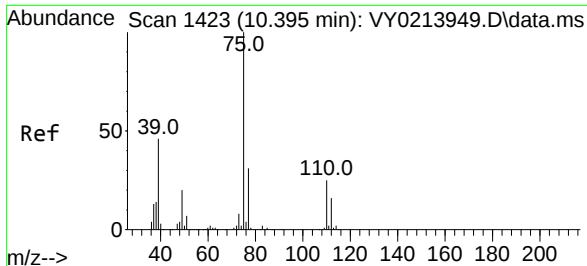
Tgt Ion: 43 Resp: 148282
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.2



#52
Toluene
Concen: 19.022 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 92 Resp: 123397
Ion Ratio Lower Upper
92 100
91 171.9 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 19.337 ug/l

RT: 10.395 min Scan# 1423

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

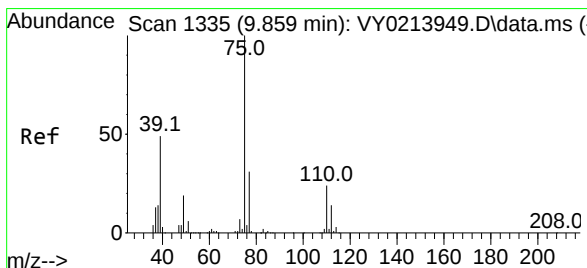
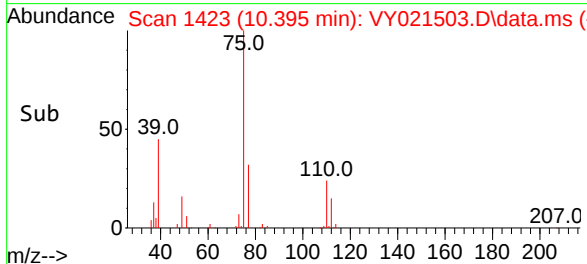
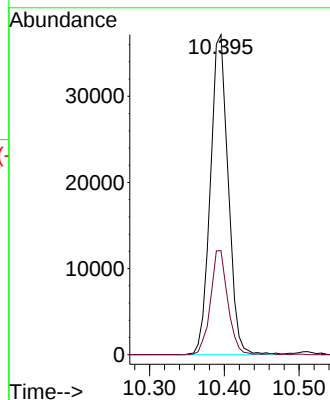
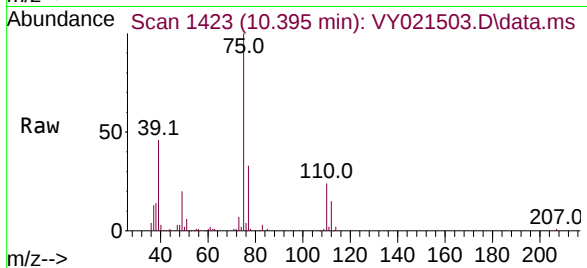
VY0312SBS01

Tgt Ion: 75 Resp: 61649

Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.002 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

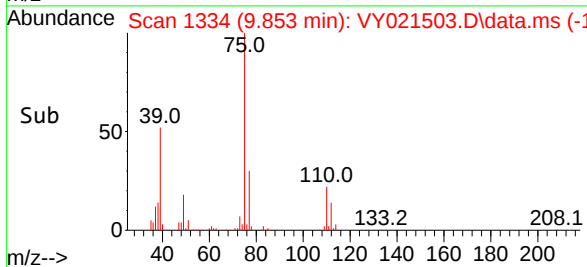
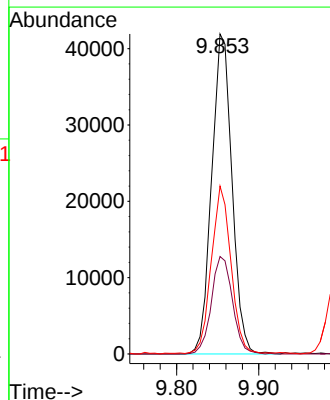
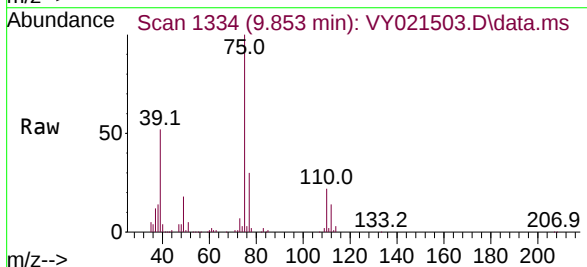
Tgt Ion: 75 Resp: 71924

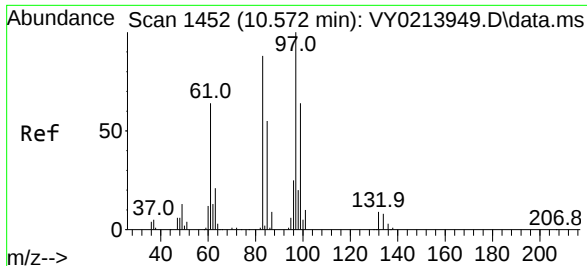
Ion Ratio Lower Upper

75 100

77 30.5 24.6 37.0

39 52.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 19.456 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

Tgt Ion: 97 Resp: 34679

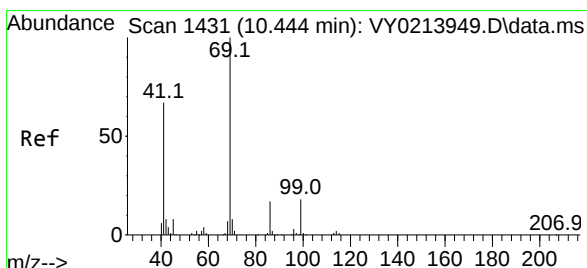
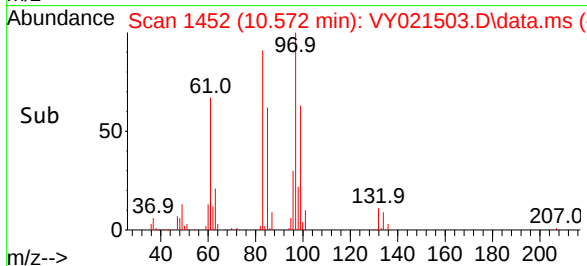
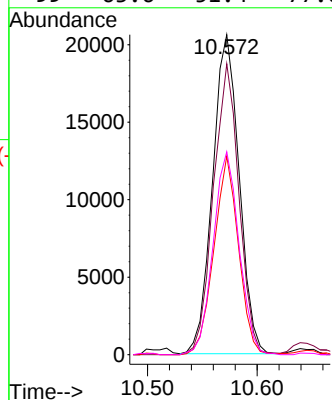
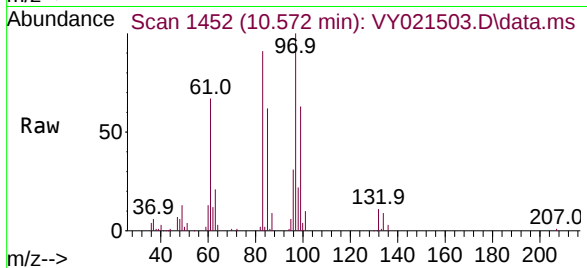
Ion Ratio Lower Upper

97 100

83 91.2 70.0 105.0

85 62.2 44.3 66.5

99 63.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 18.493 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

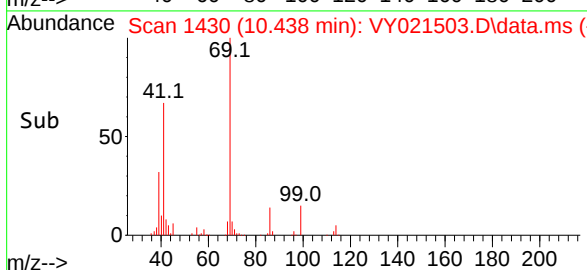
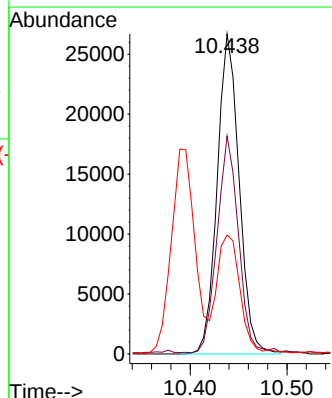
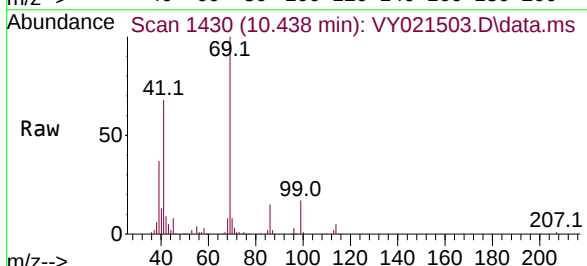
Tgt Ion: 69 Resp: 42039

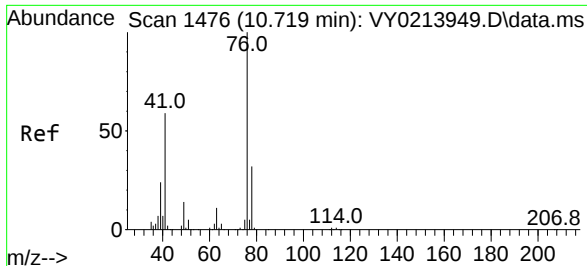
Ion Ratio Lower Upper

69 100

41 66.6 53.3 79.9

39 38.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 19.629 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

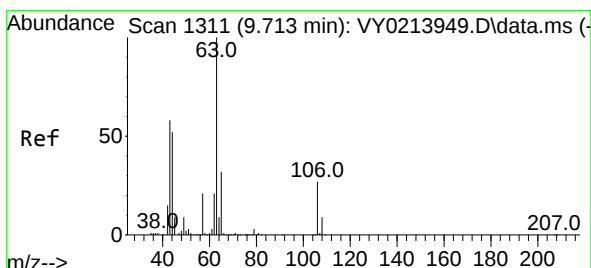
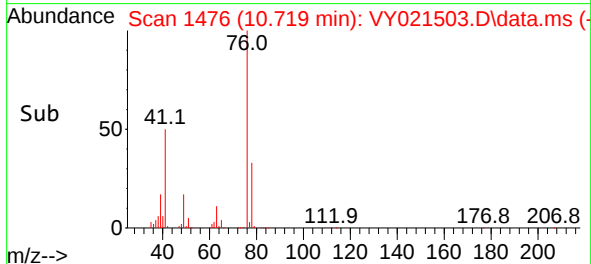
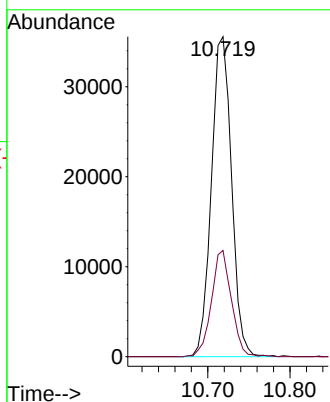
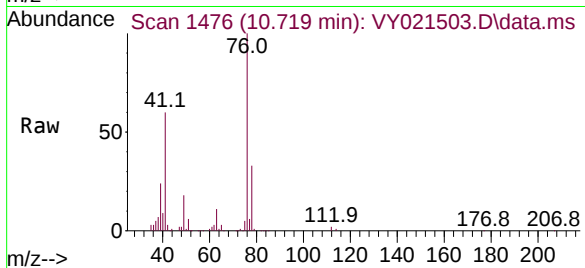
VY0312SBS01

Tgt Ion: 76 Resp: 60638

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 79.327 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021503.D

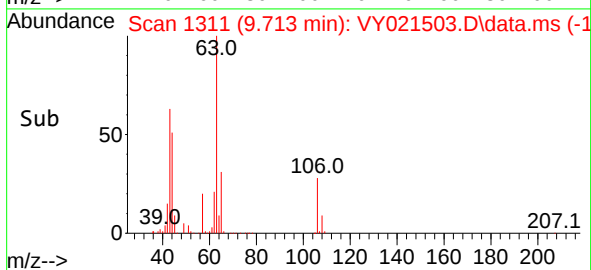
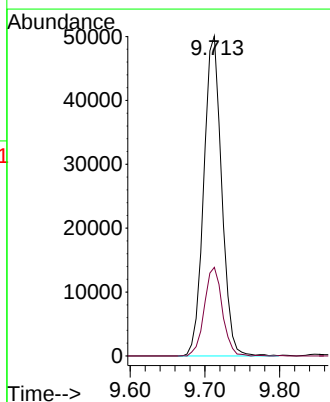
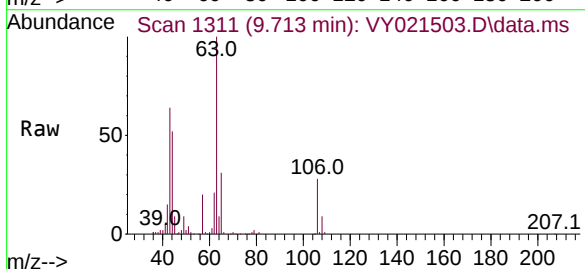
Acq: 12 Mar 2025 12:27

Tgt Ion: 63 Resp: 83244

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 93.542 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

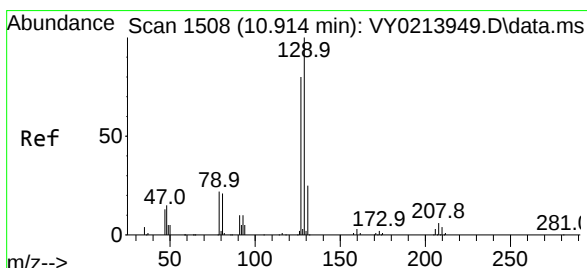
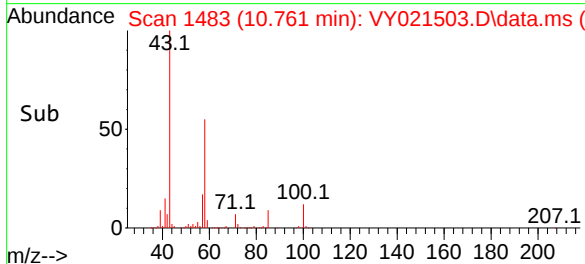
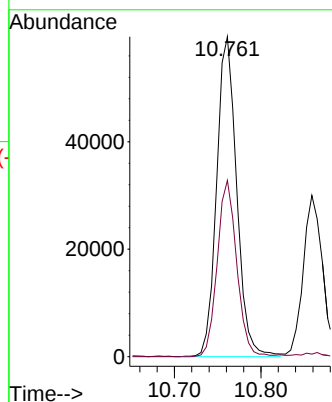
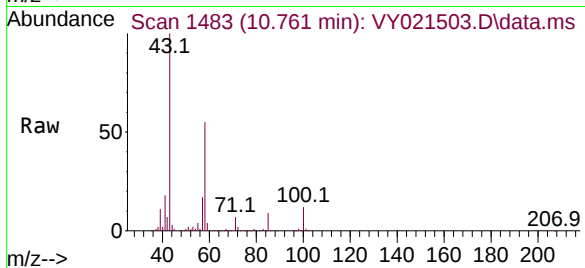
VY0312SBS01

Tgt Ion: 43 Resp: 95646

Ion Ratio Lower Upper

43 100

58 53.5 27.3 81.8



#60

Dibromochloromethane

Concen: 19.328 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY021503.D

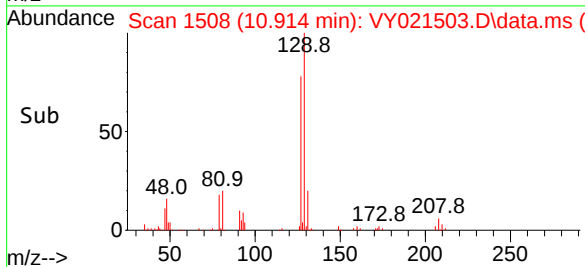
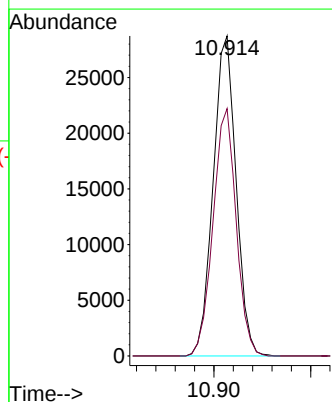
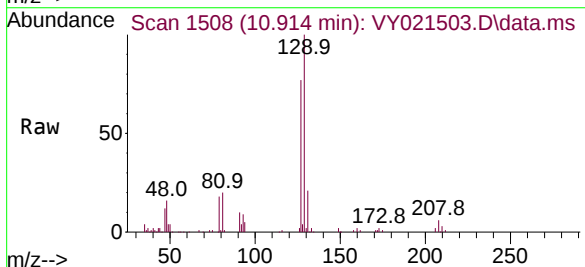
Acq: 12 Mar 2025 12:27

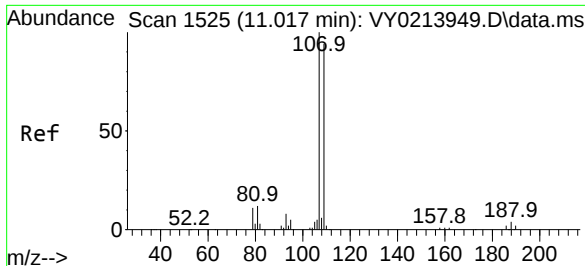
Tgt Ion: 129 Resp: 47230

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3

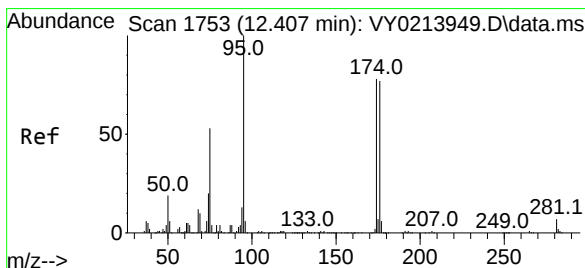
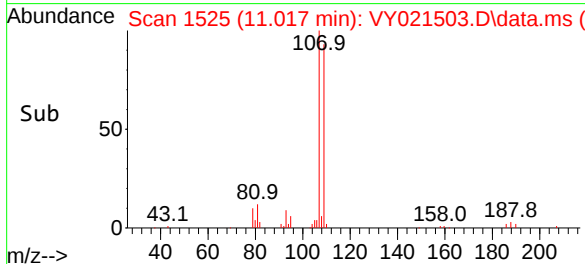
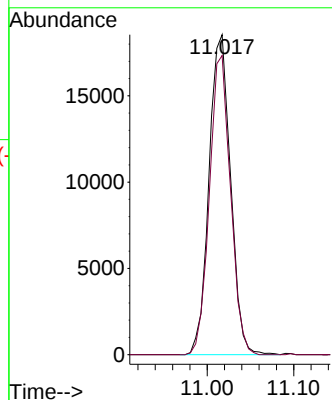
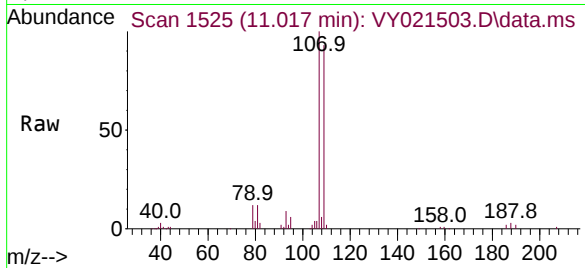




#61
1,2-Dibromoethane
Concen: 19.038 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

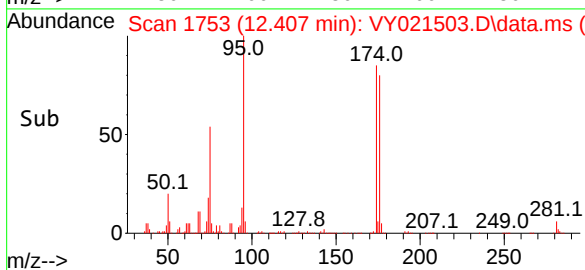
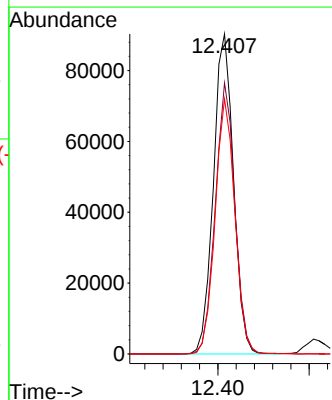
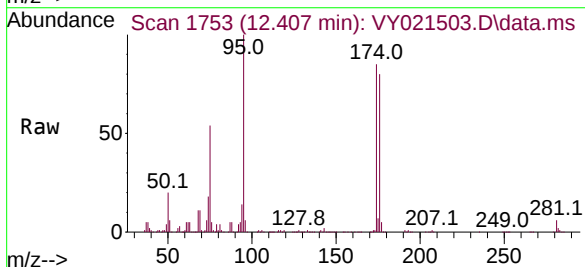
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

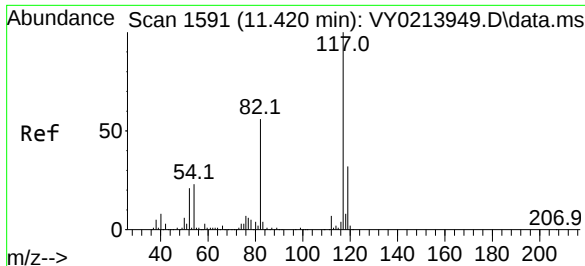
Tgt Ion:107 Resp: 32026
Ion Ratio Lower Upper
107 100
109 91.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 47.959 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 95 Resp: 137838
Ion Ratio Lower Upper
95 100
174 82.9 0.0 165.0
176 78.3 0.0 160.0

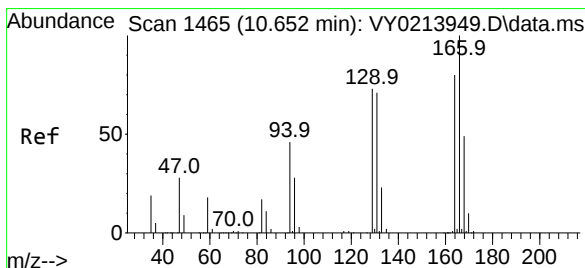
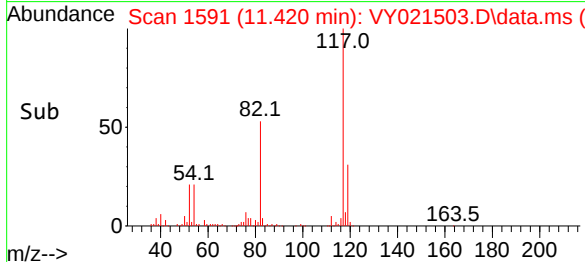
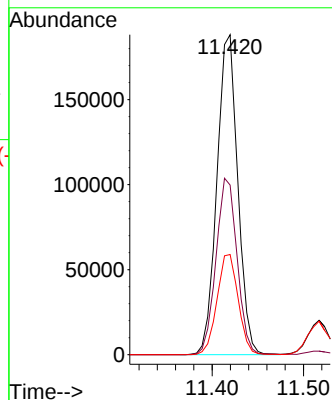
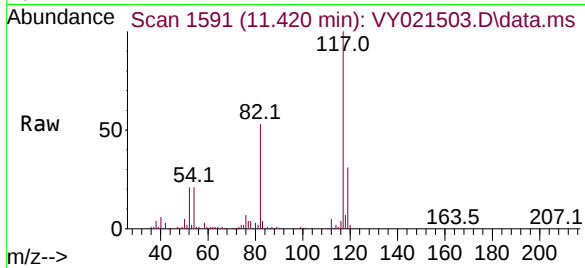




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

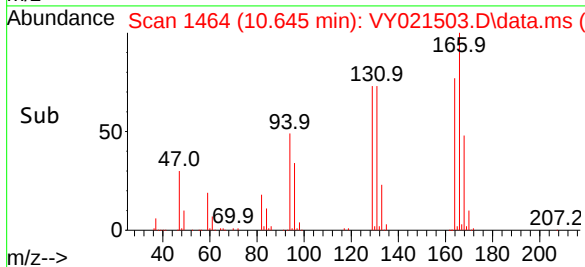
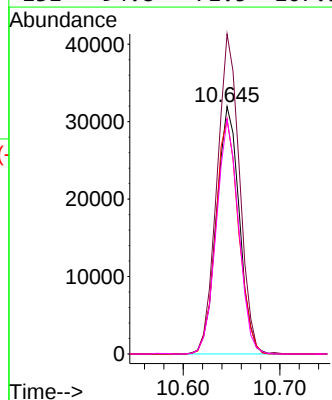
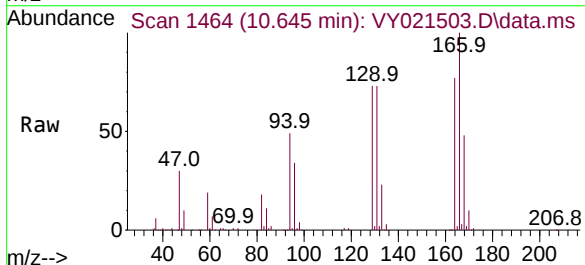
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

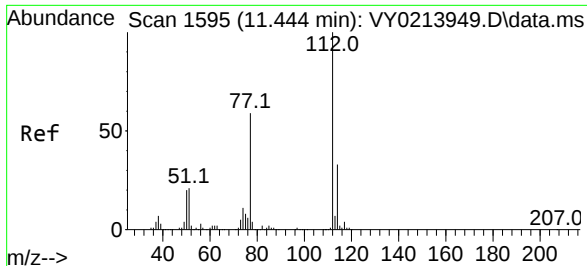
Tgt Ion:117 Resp: 298439
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 21.644 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:164 Resp: 52526
Ion Ratio Lower Upper
164 100
166 129.3 100.4 150.6
129 94.9 73.8 110.8
131 94.8 71.5 107.3

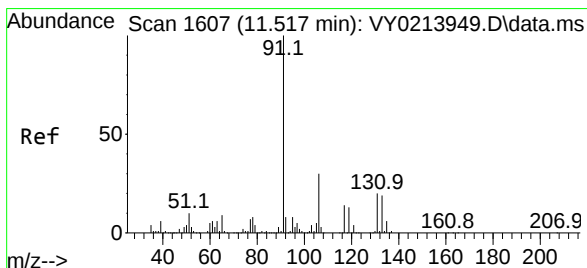
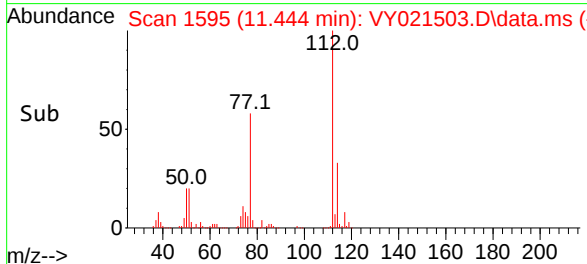
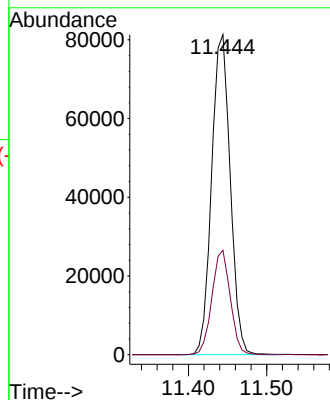
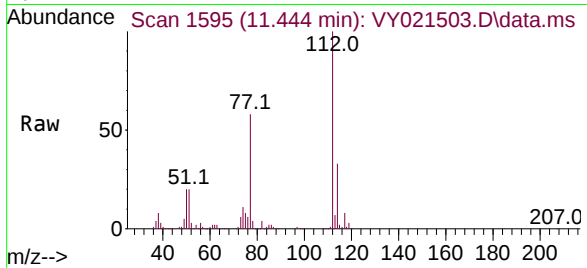




#65
Chlorobenzene
Concen: 19.050 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

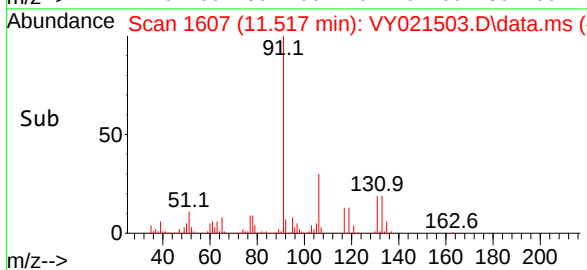
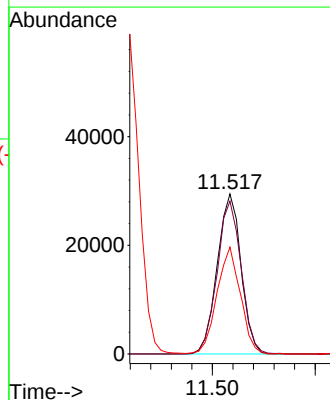
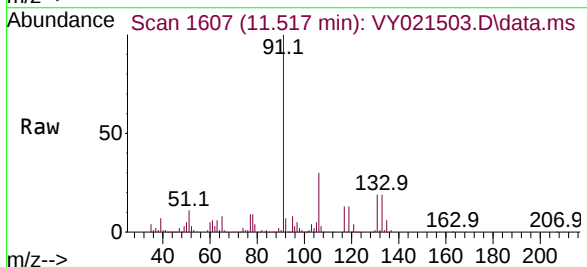
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

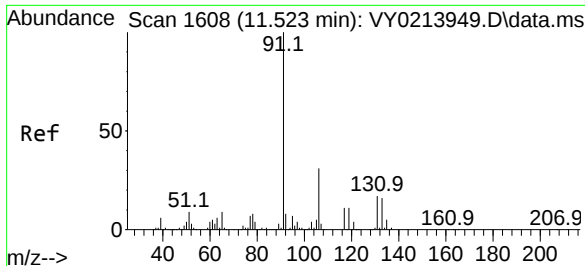
Tgt Ion:112 Resp: 134258
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.908 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:131 Resp: 47112
Ion Ratio Lower Upper
131 100
133 97.2 47.6 142.9
119 65.9 32.3 96.9





#67

Ethyl Benzene

Concen: 18.465 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

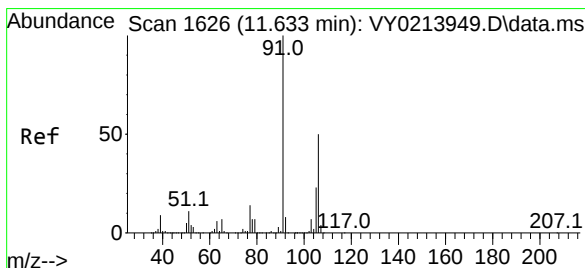
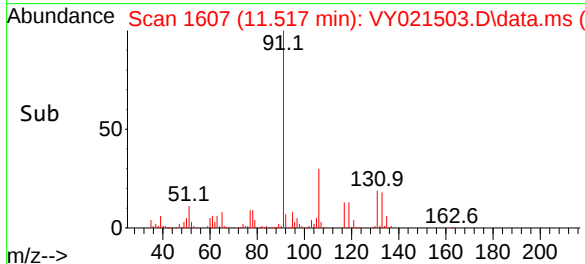
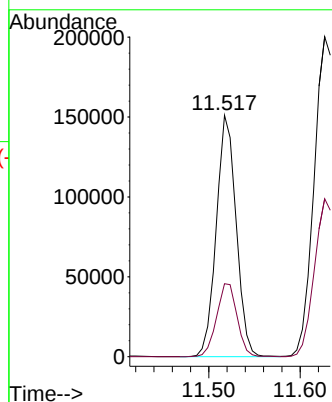
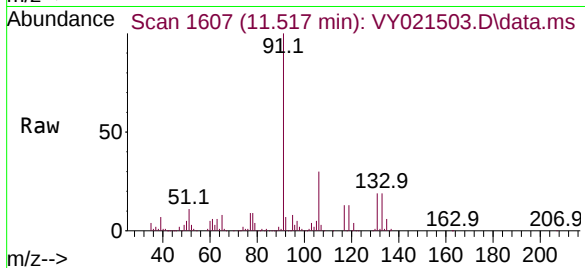
VY0312SBS01

Tgt Ion: 91 Resp: 228402

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 37.707 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021503.D

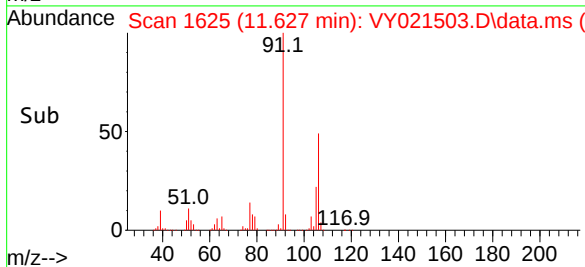
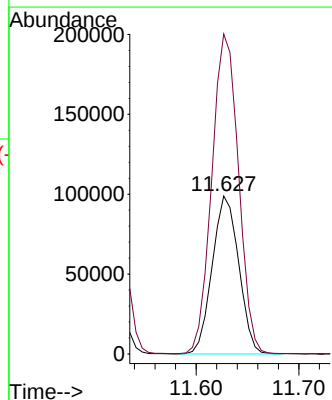
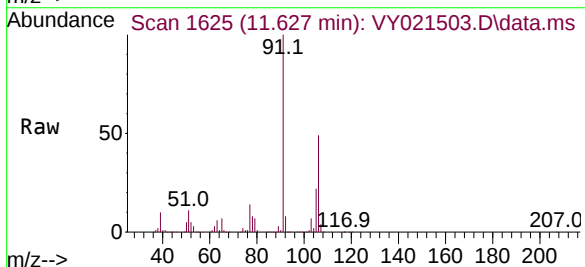
Acq: 12 Mar 2025 12:27

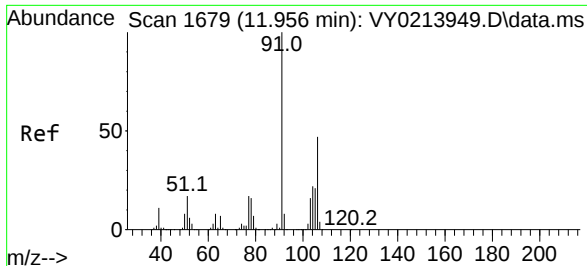
Tgt Ion:106 Resp: 177080

Ion Ratio Lower Upper

106 100

91 204.1 161.7 242.5





#69

o-Xylene

Concen: 18.733 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

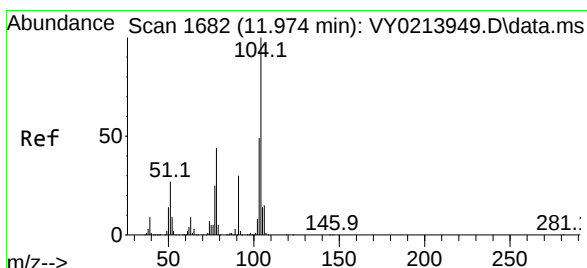
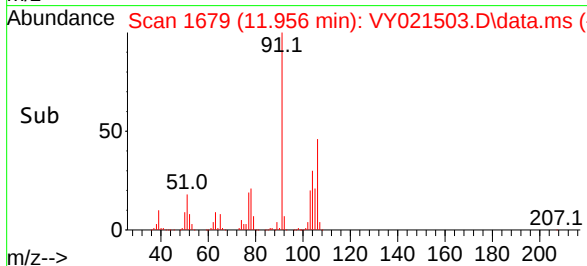
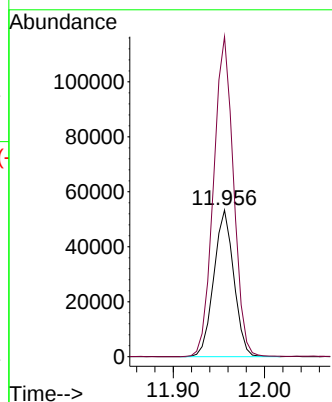
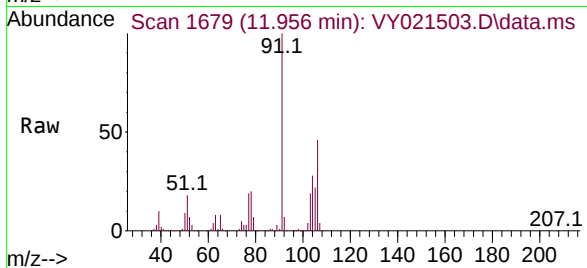
VY0312SBS01

Tgt Ion:106 Resp: 81079

Ion Ratio Lower Upper

106 100

91 218.3 107.6 322.8



#70

Styrene

Concen: 19.185 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

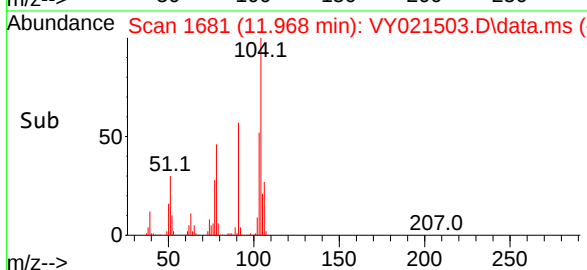
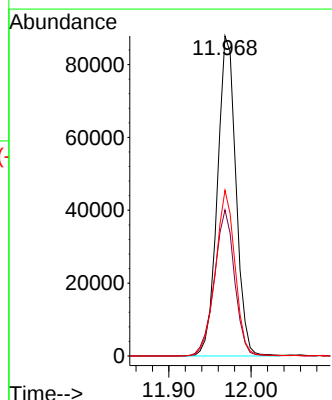
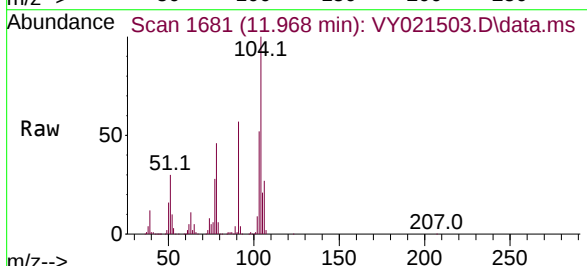
Tgt Ion:104 Resp: 137753

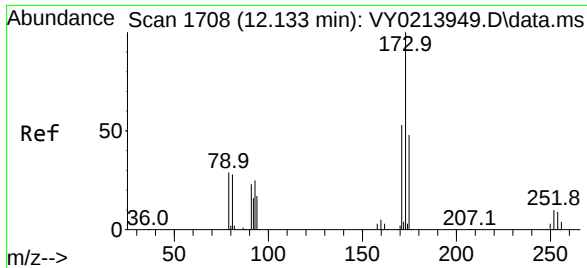
Ion Ratio Lower Upper

104 100

78 49.8 40.7 61.1

103 54.8 44.1 66.1

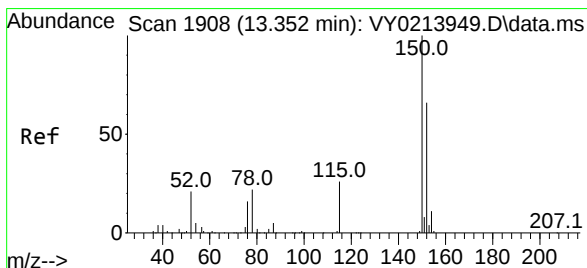
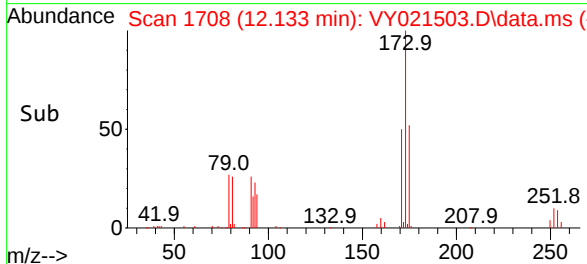
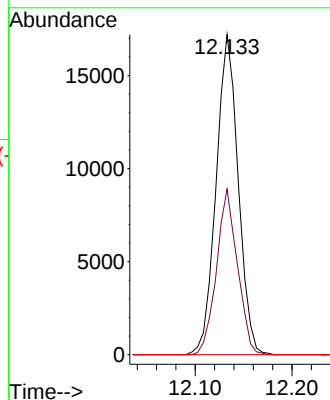
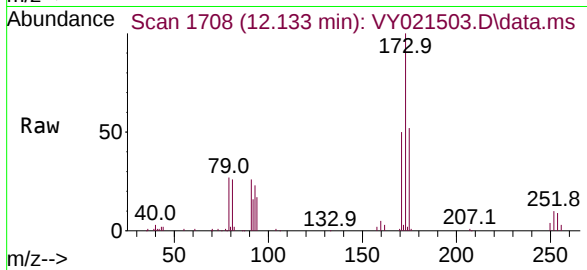




#71
Bromoform
Concen: 19.556 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

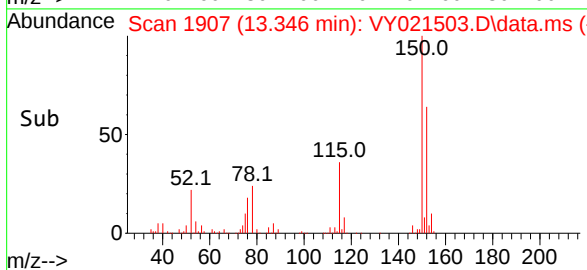
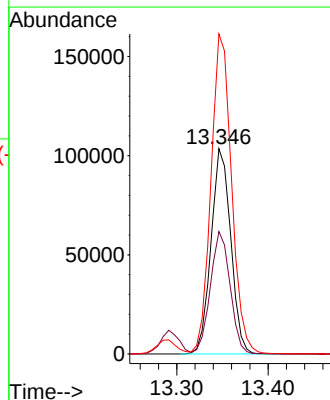
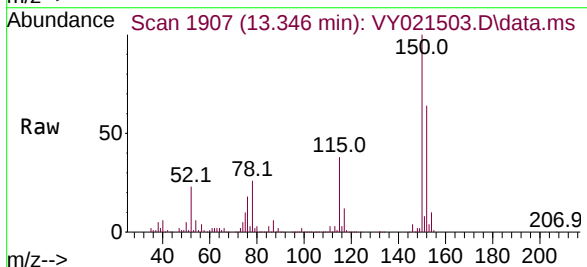
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

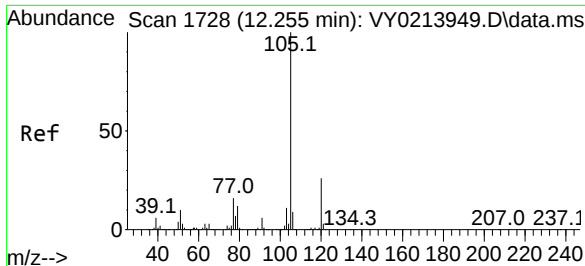
Tgt Ion:173 Resp: 27238
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:152 Resp: 154973
Ion Ratio Lower Upper
152 100
115 59.8 29.0 87.0
150 162.8 0.0 347.2

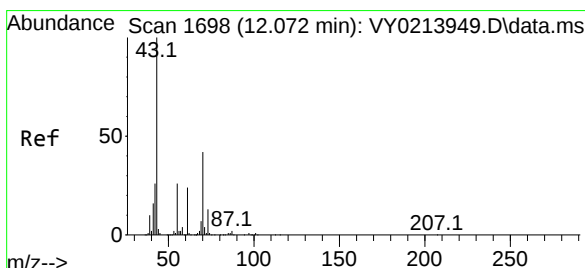
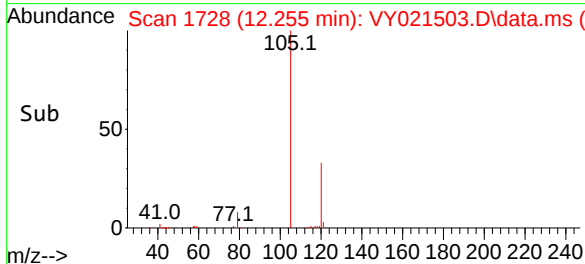
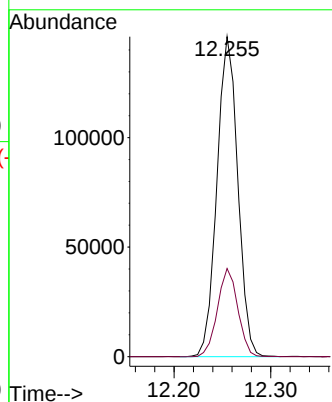
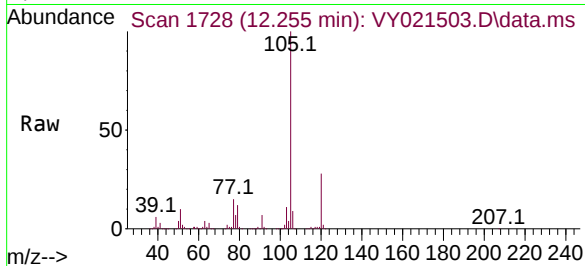




#73
Isopropylbenzene
Concen: 17.863 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

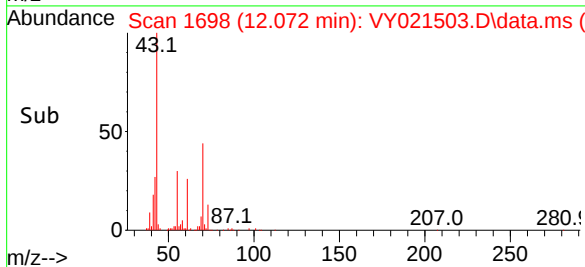
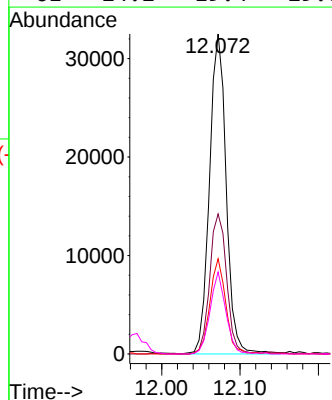
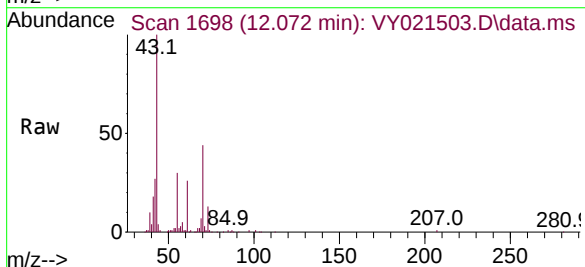
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

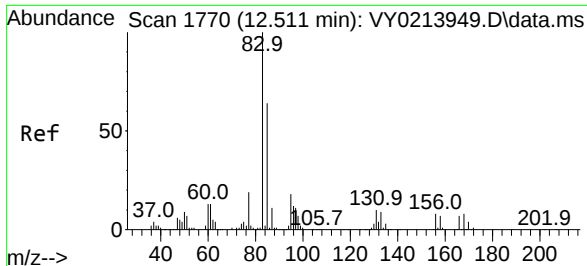
Tgt Ion:105 Resp: 218065
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3



#74
N-ethyl acetate
Concen: 18.141 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 43 Resp: 48096
Ion Ratio Lower Upper
43 100
70 44.3 34.6 51.8
55 28.2 21.1 31.7
61 24.2 19.4 29.0

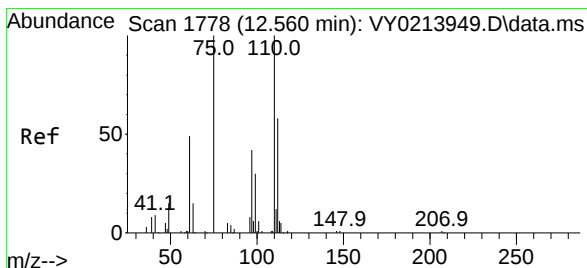
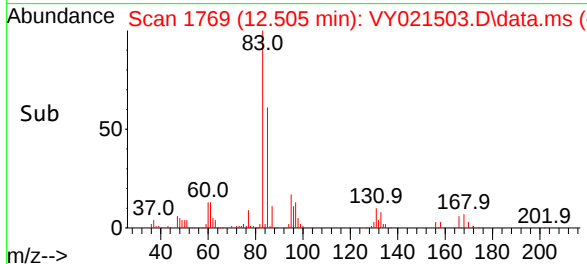
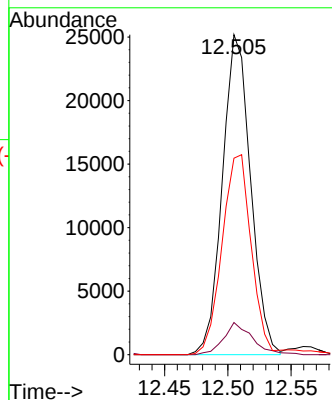
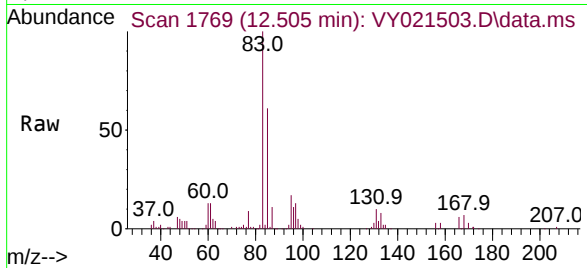




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.131 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

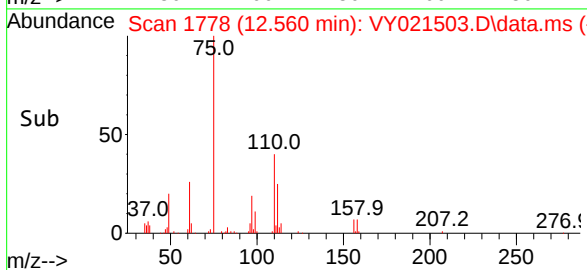
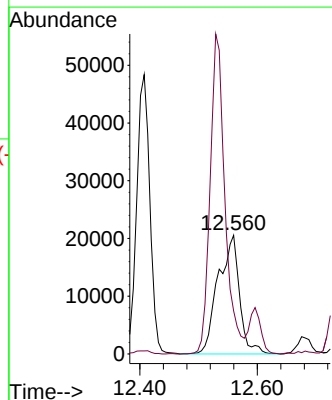
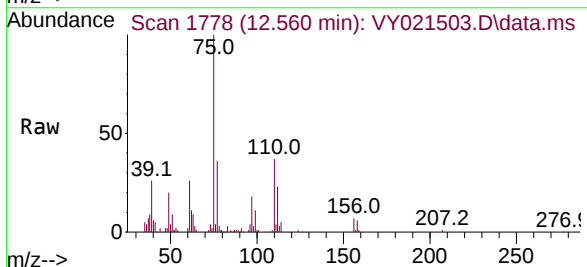
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

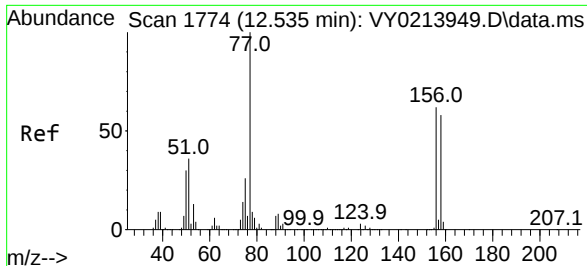
Tgt Ion: 83 Resp: 39058
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 16.1
 85 64.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 33.346 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion: 75 Resp: 52075
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

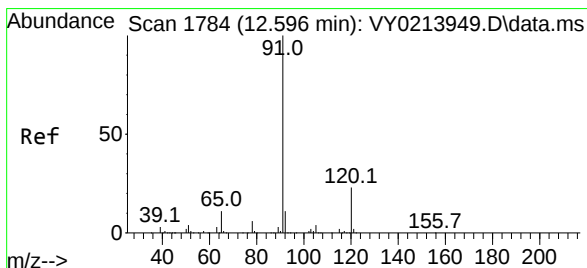
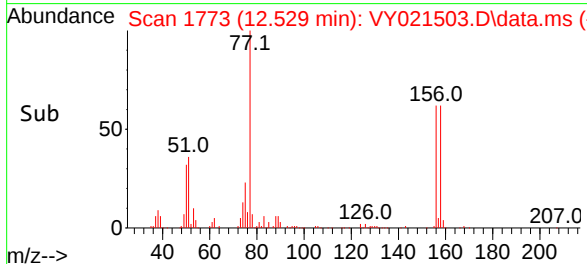
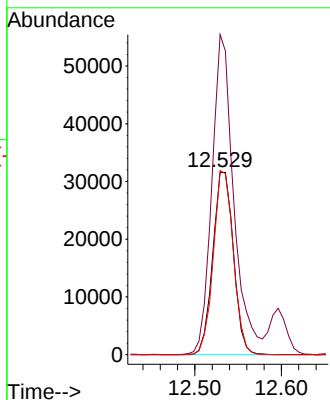
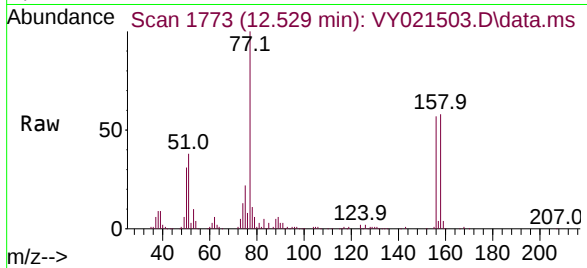




#77
Bromobenzene
Concen: 18.336 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

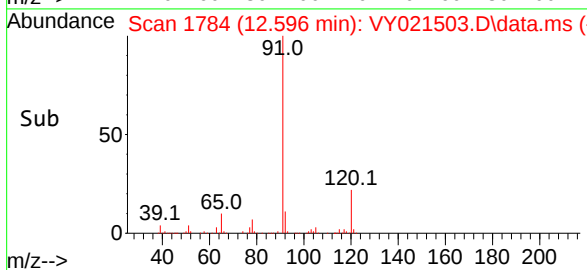
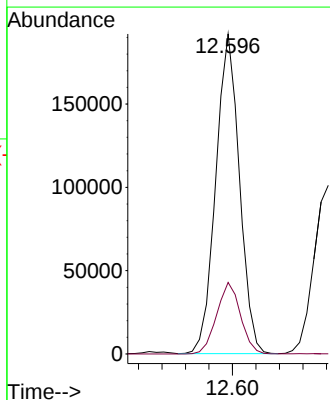
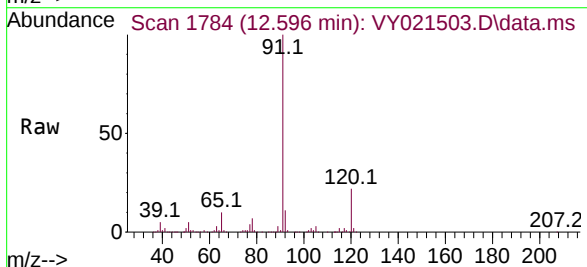
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

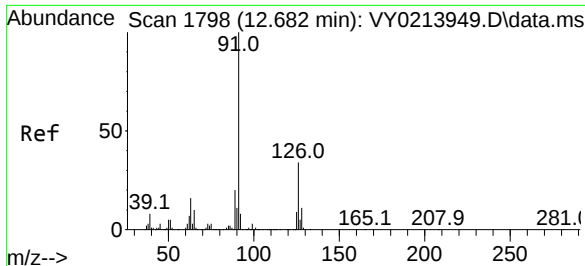
Tgt Ion:156 Resp: 52366
Ion Ratio Lower Upper
156 100
77 186.2 93.6 280.8
158 97.5 48.3 144.8



#78
n-propylbenzene
Concen: 18.130 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 91 Resp: 268787
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

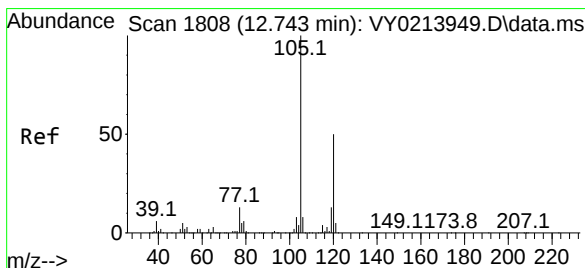
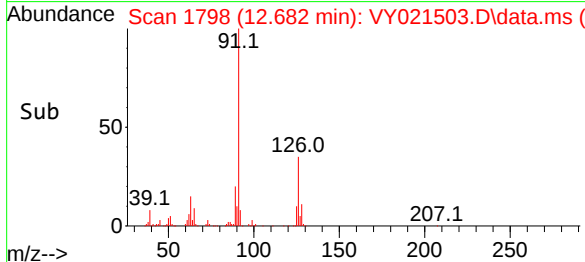
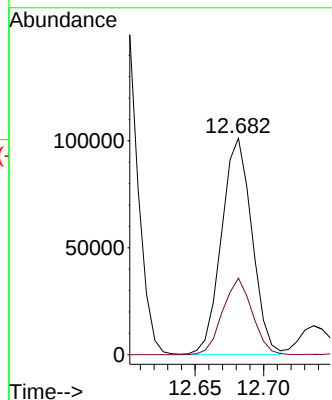
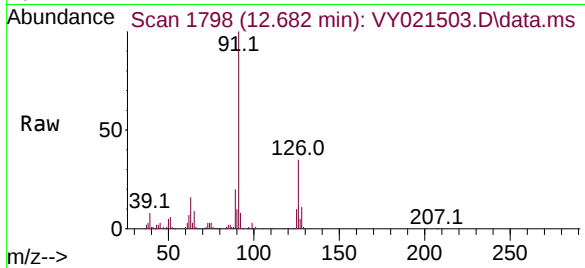




#79
2-Chlorotoluene
Concen: 18.422 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

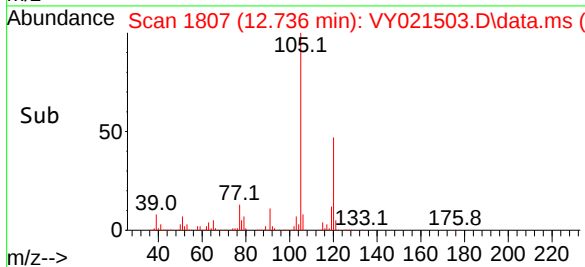
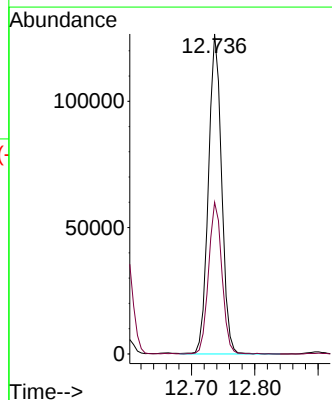
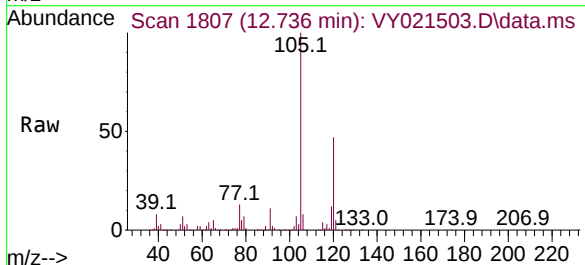
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

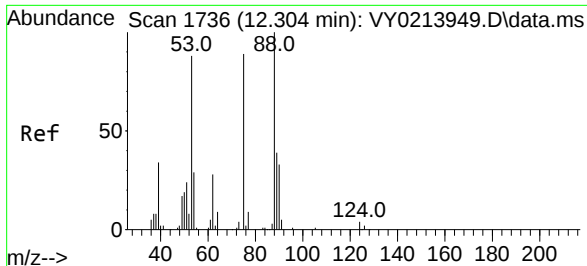
Tgt Ion: 91 Resp: 156166
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.500 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 105 Resp: 183532
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6

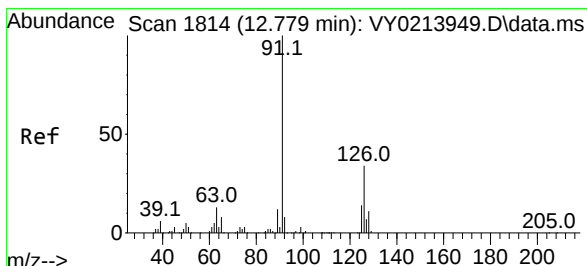
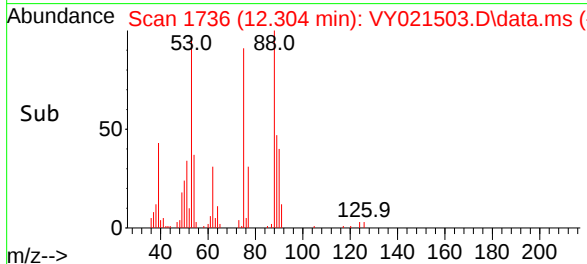
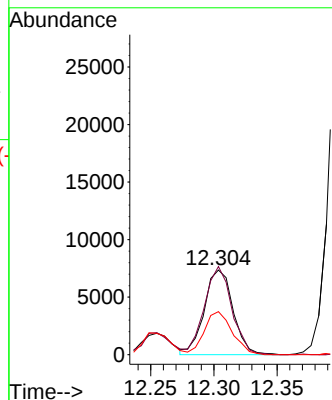
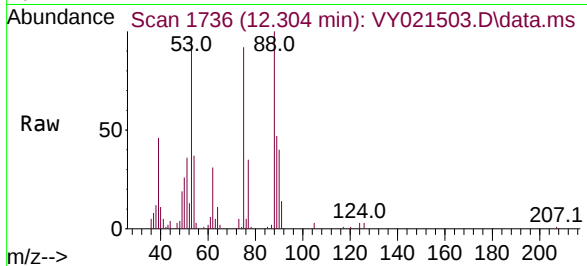




#81
trans-1,4-Dichloro-2-butene
Concen: 16.965 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

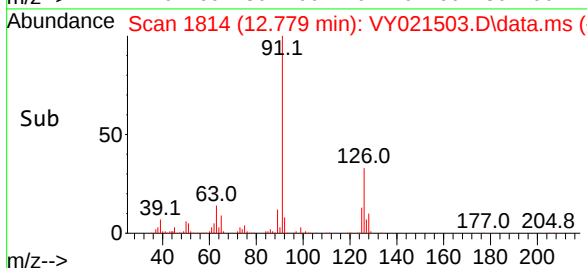
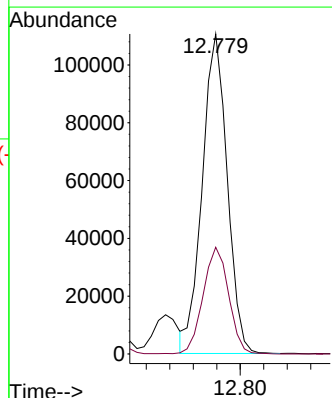
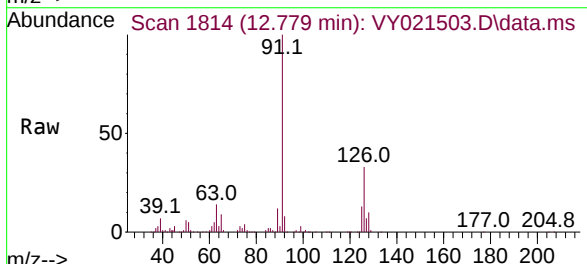
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

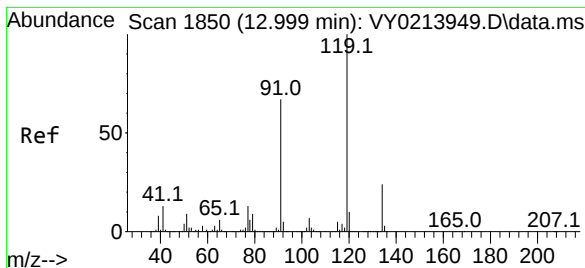
Tgt Ion: 75 Resp: 11654
Ion Ratio Lower Upper
75 100
53 98.2 81.0 121.4
89 48.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.568 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 91 Resp: 163002
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

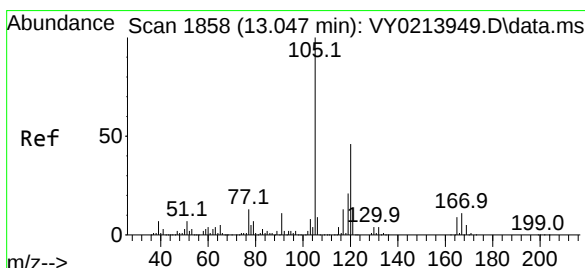
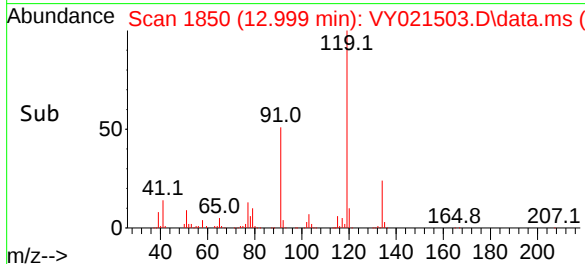
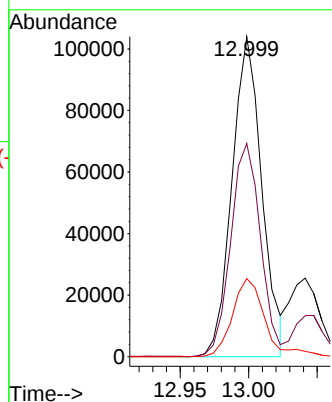
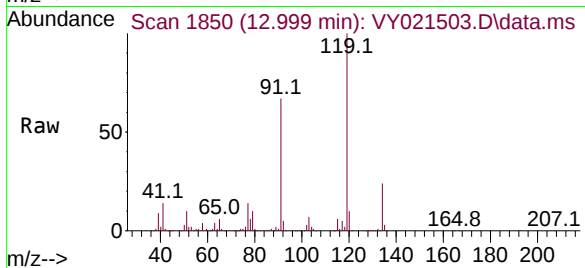




#83
 tert-Butylbenzene
 Concen: 17.811 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

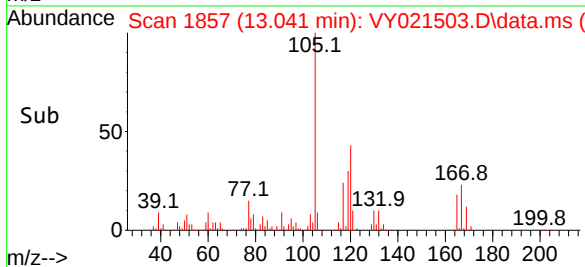
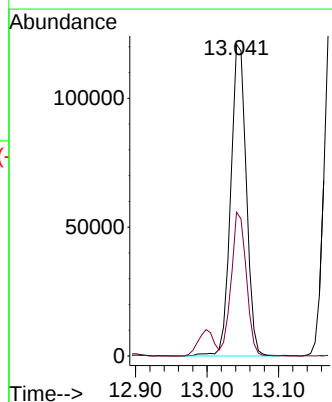
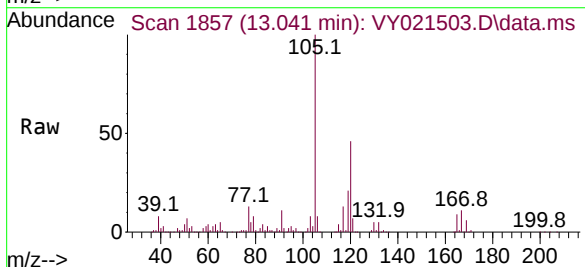
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

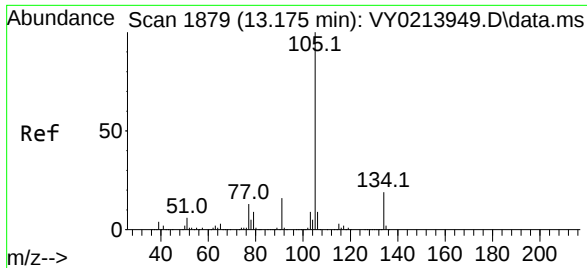
Tgt Ion:	119	Resp:	157634
Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.2	99.6
134	26.6	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.595 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion:	105	Resp:	183158
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.7	68.1

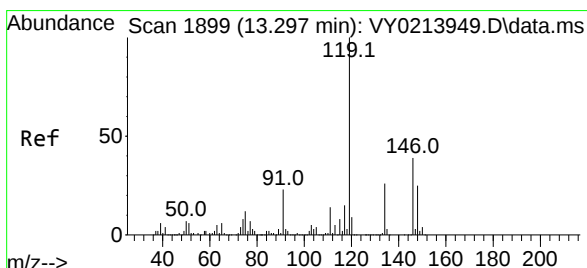
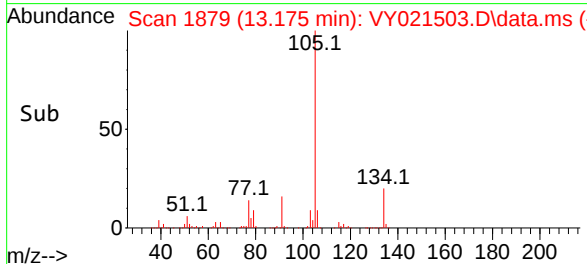
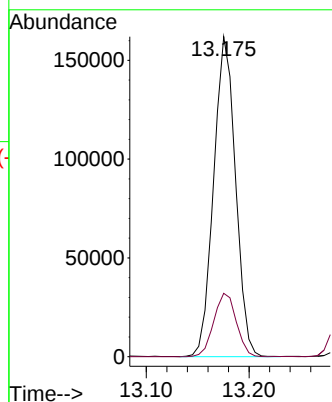
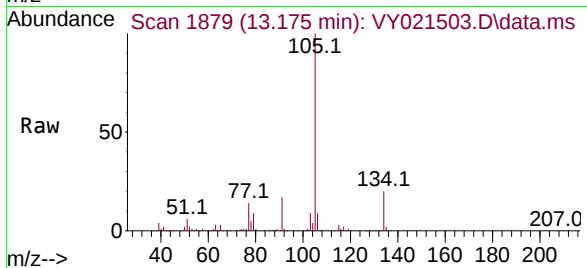




#85
 sec-Butylbenzene
 Concen: 18.183 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

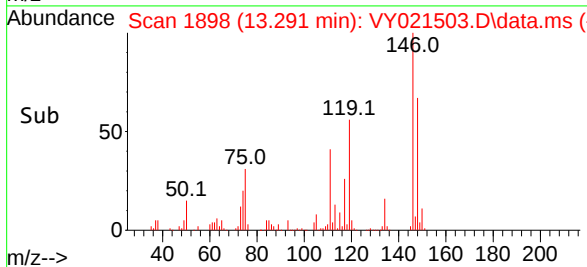
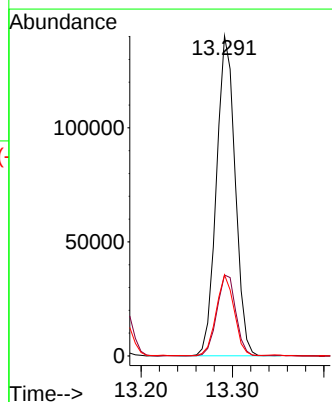
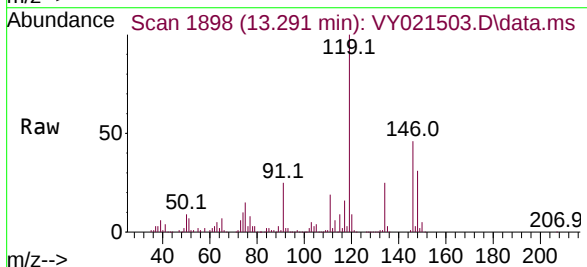
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

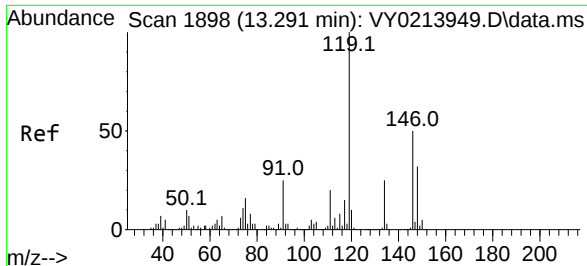
Tgt Ion:105 Resp: 239424
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.394 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion:119 Resp: 199547
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 24.2 12.2 36.6

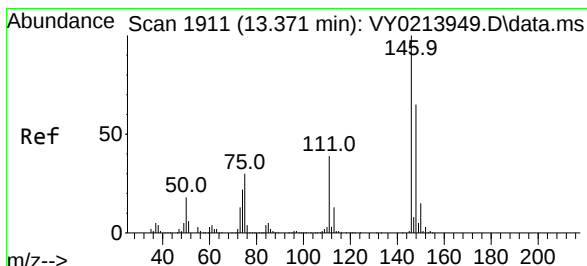
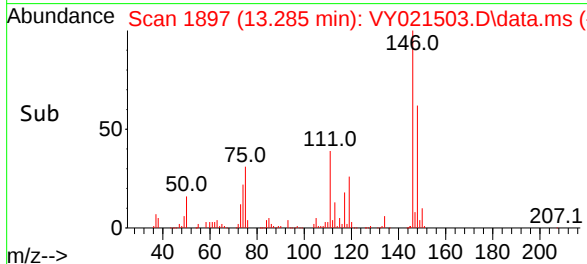
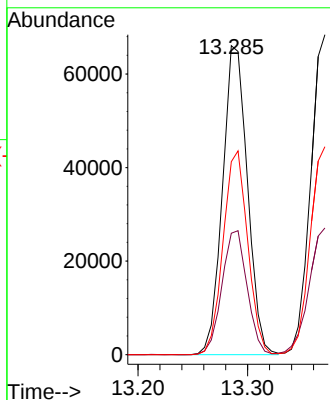
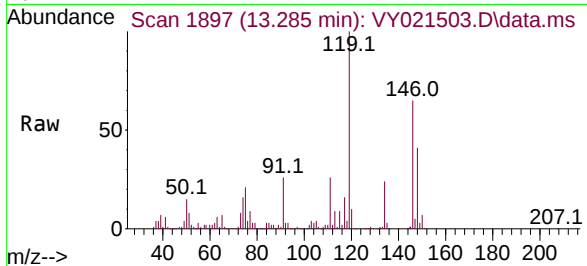




#87
 1,3-Dichlorobenzene
 Concen: 18.342 ug/l
 RT: 13.285 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

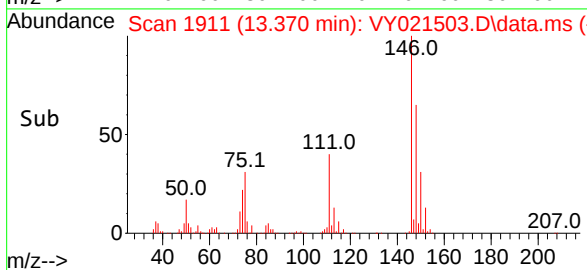
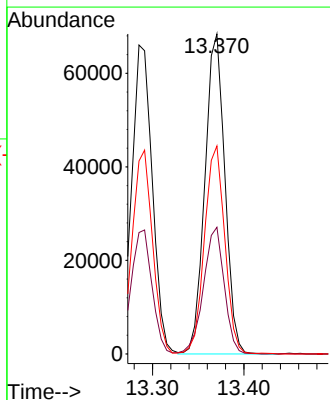
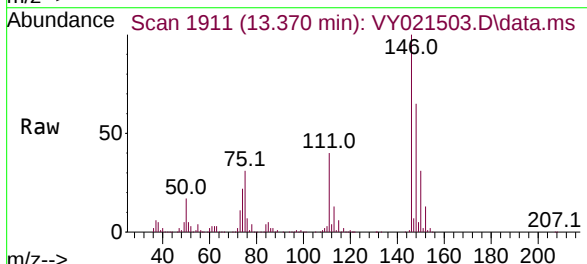
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

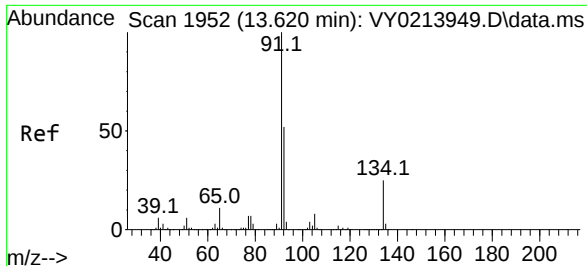
Tgt Ion:146 Resp: 104273
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.643 ug/l
 RT: 13.370 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion:146 Resp: 103649
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.8
 148 65.8 32.3 96.8





#89

n-Butylbenzene

Concen: 18.159 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021503.D

Acq: 12 Mar 2025 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS01

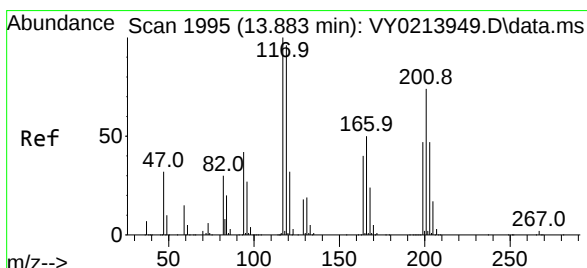
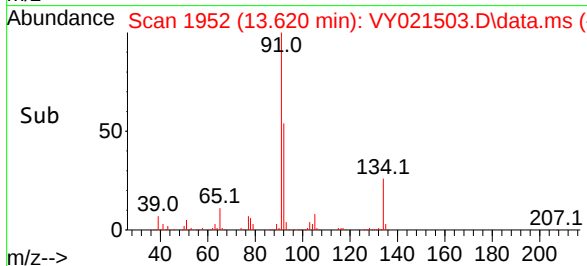
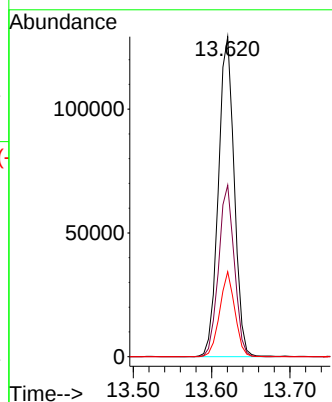
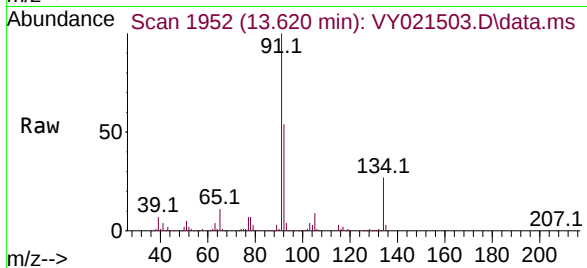
Tgt Ion: 91 Resp: 181908

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 25.5 12.6 37.8



#90

Hexachloroethane

Concen: 18.512 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021503.D

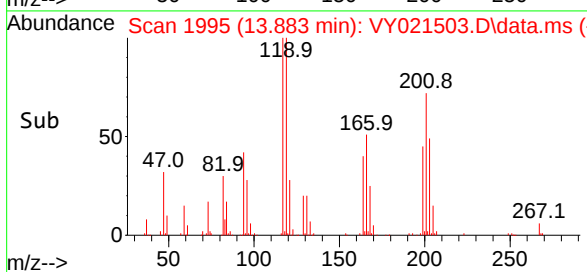
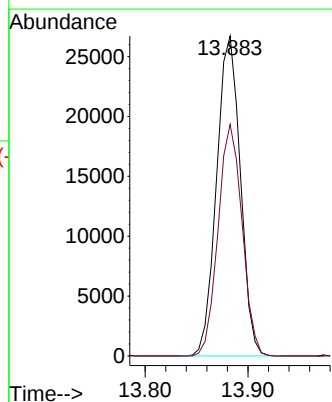
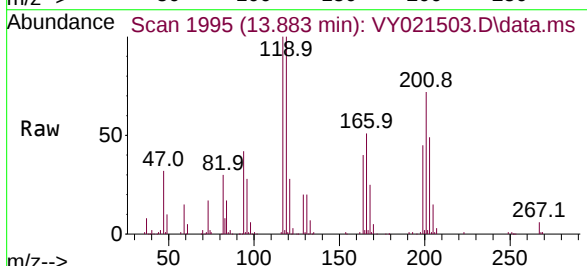
Acq: 12 Mar 2025 12:27

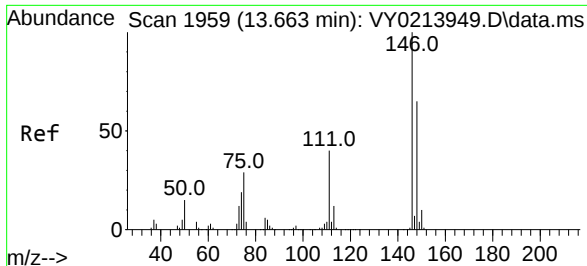
Tgt Ion: 117 Resp: 42842

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2

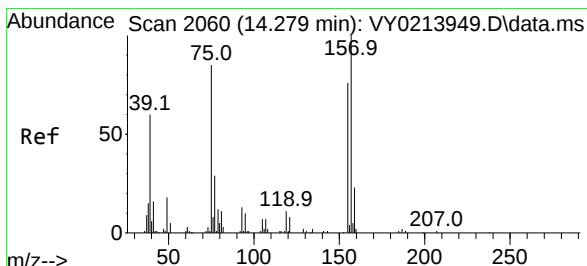
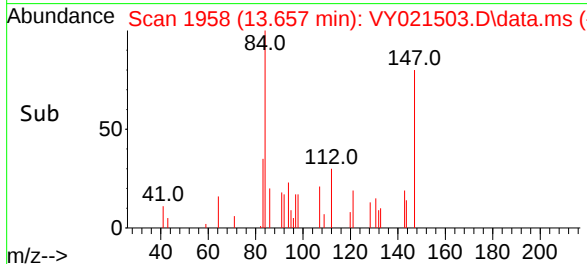
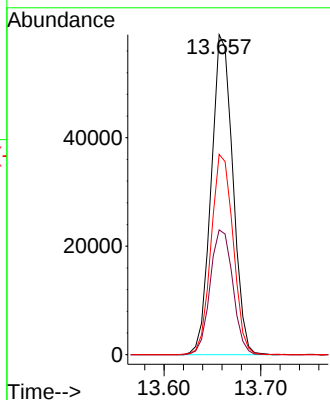
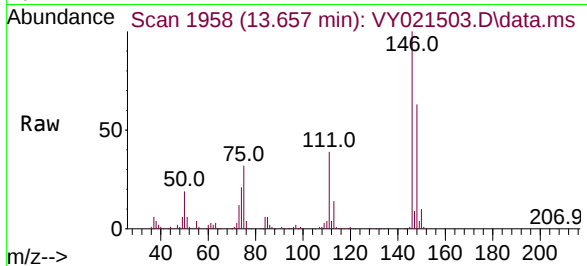




#91
1,2-Dichlorobenzene
Concen: 18.772 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

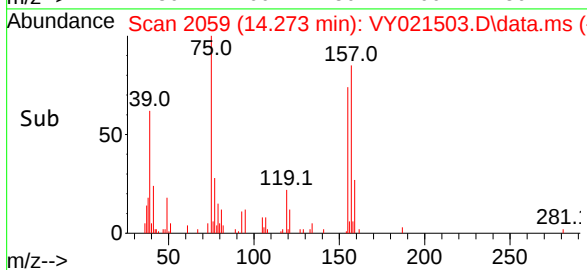
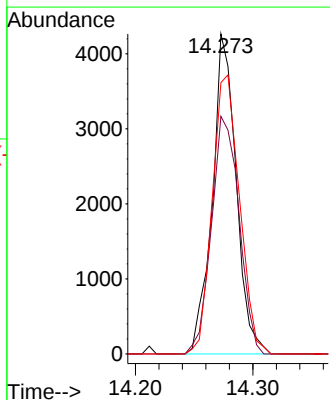
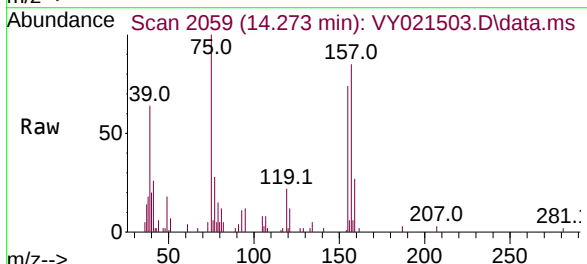
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

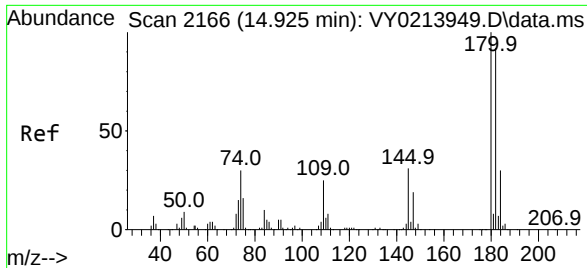
Tgt Ion:146 Resp: 91467
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.652 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion: 75 Resp: 6019
Ion Ratio Lower Upper
75 100
155 85.8 43.5 130.5
157 99.4 54.4 163.2

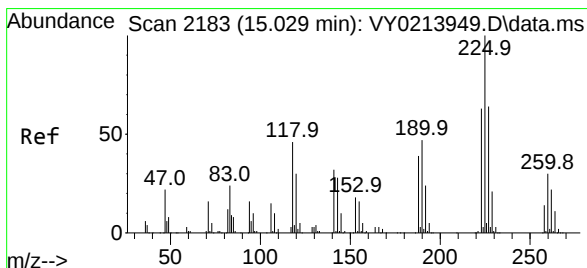
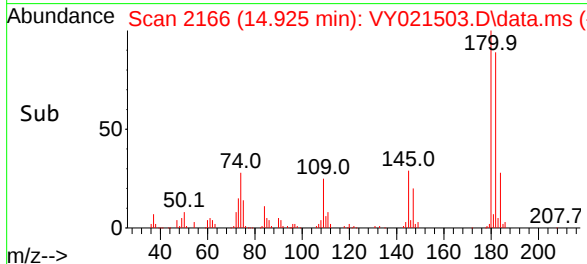
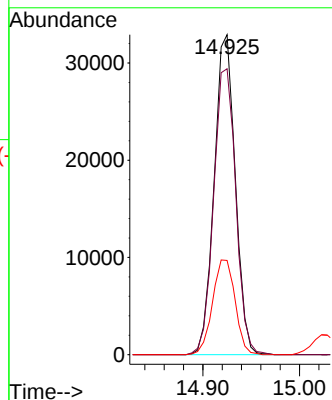
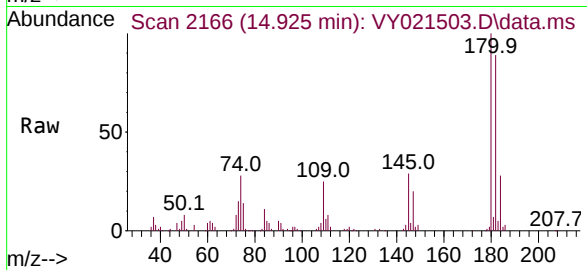




#93
 1,2,4-Trichlorobenzene
 Concen: 18.728 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

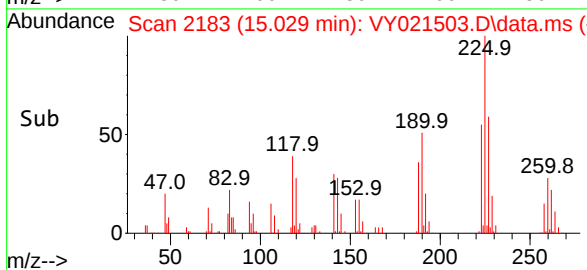
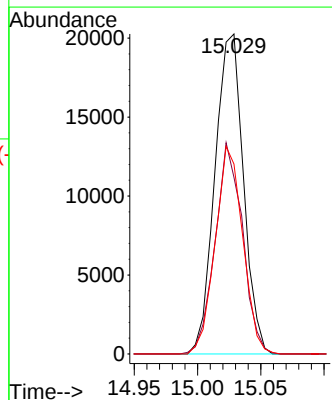
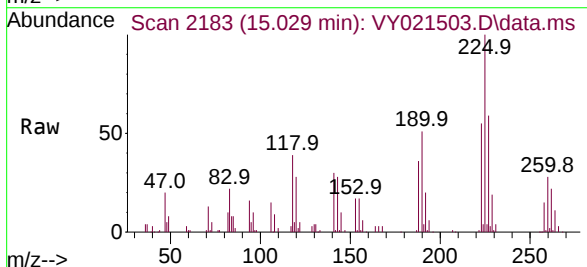
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS01

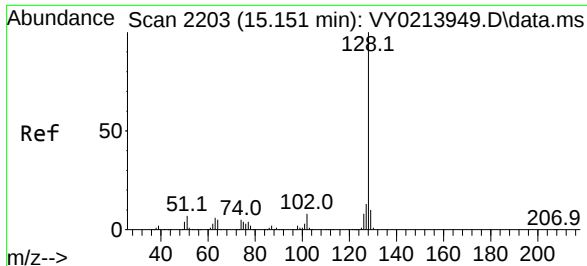
Tgt Ion:180 Resp: 49841
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.7 140.0
 145 31.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 19.014 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VY021503.D
 Acq: 12 Mar 2025 12:27

Tgt Ion:225 Resp: 31721
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.4 94.2
 227 62.7 31.8 95.4

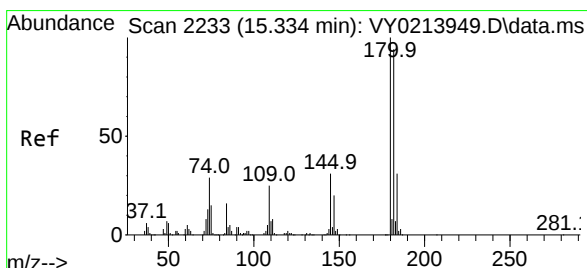
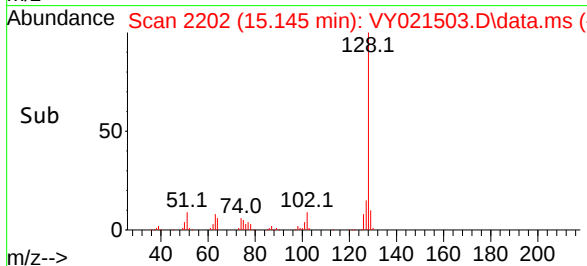
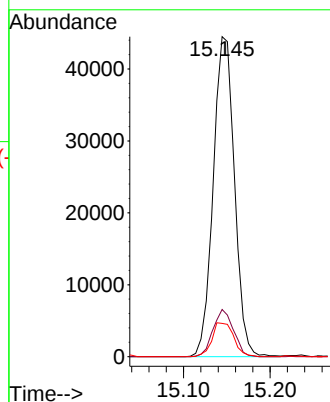
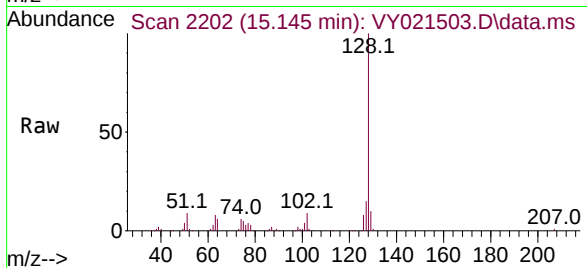




#95
Naphthalene
Concen: 18.900 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS01

Tgt Ion:128 Resp: 75925
Ion Ratio Lower Upper
128 100
127 14.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.773 ug/l
RT: 15.327 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021503.D
Acq: 12 Mar 2025 12:27

Tgt Ion:180 Resp: 42020
Ion Ratio Lower Upper
180 100
182 95.1 47.2 141.6
145 34.8 16.4 49.1

