

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031225\
 Data File : VY021504.D
 Acq On : 12 Mar 2025 12:49
 Operator : SY/MD
 Sample : VY0312SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

Quant Time: Mar 13 01:36:38 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	166594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	270940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	243681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93834	53.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.580%	
35) Dibromofluoromethane	7.634	113	88330	49.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.200%	
50) Toluene-d8	10.109	98	324414	48.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.407	95	112812	49.182	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35510	23.228	ug/l	93
3) Chloromethane	2.068	50	54309	25.197	ug/l	98
4) Vinyl Chloride	2.202	62	59317	25.184	ug/l	93
5) Bromomethane	2.592	94	44176	25.950	ug/l	94
6) Chloroethane	2.732	64	43527	27.964	ug/l	98
7) Trichlorofluoromethane	3.056	101	80787	24.573	ug/l	99
8) Diethyl Ether	3.452	74	23063	25.314	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	45200	24.081	ug/l	98
10) Methyl Iodide	4.000	142	48406	25.370	ug/l	99
11) Tert butyl alcohol	4.854	59	16364	132.332	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	41976	24.529	ug/l	94
13) Acrolein	3.653	56	16012	178.783	ug/l	93
14) Allyl chloride	4.385	41	67434	24.384	ug/l	99
15) Acrylonitrile	5.055	53	53854	138.856	ug/l	98
16) Acetone	3.872	43	43669	113.708	ug/l	95
17) Carbon Disulfide	4.104	76	121177	22.595	ug/l	98
18) Methyl Acetate	4.391	43	23655	27.760	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	113032	26.060	ug/l	99
20) Methylene Chloride	4.616	84	50185	24.894	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	47442	24.755	ug/l	94
22) Diisopropyl ether	6.018	45	155555	26.100	ug/l	98
23) Vinyl Acetate	5.957	43	449380	132.117	ug/l	99
24) 1,1-Dichloroethane	5.915	63	88930	25.282	ug/l	100
25) 2-Butanone	6.896	43	66180	124.574	ug/l	97
26) 2,2-Dichloropropane	6.884	77	77385	23.910	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	54489	25.027	ug/l	99
28) Bromochloromethane	7.244	49	37457	25.400	ug/l	99
29) Tetrahydrofuran	7.262	42	44689	136.260	ug/l	99
30) Chloroform	7.421	83	94130	25.771	ug/l	98
31) Cyclohexane	7.695	56	73644	22.332	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	81848	24.473	ug/l	99
36) 1,1-Dichloropropene	7.835	75	63359	22.728	ug/l	99
37) Ethyl Acetate	6.982	43	32299	26.214	ug/l	99
38) Carbon Tetrachloride	7.817	117	74101	23.113	ug/l	97
39) Methylcyclohexane	9.109	83	72029	21.064	ug/l	96
40) Benzene	8.079	78	195655	23.826	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

Quant Time: Mar 13 01:36:38 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	7.213	41	15869	23.653	ug/l	93
42) 1,2-Dichloroethane	8.158	62	57268	24.928	ug/l	99
43) Isopropyl Acetate	8.195	43	61325	25.639	ug/l #	89
44) Trichloroethene	8.865	130	49328	23.771	ug/l	98
45) 1,2-Dichloropropane	9.140	63	49174	25.160	ug/l	94
46) Dibromomethane	9.231	93	27046	24.870	ug/l	98
47) Bromodichloromethane	9.420	83	71581	24.786	ug/l	97
48) Methyl methacrylate	9.219	41	26740	24.346	ug/l	97
49) 1,4-Dioxane	9.231	88	6249	585.444	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	162568	131.727	ug/l	100
52) Toluene	10.170	92	124579	24.062	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	63019	24.768	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	72864	24.120	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	35914	25.247	ug/l	97
56) Ethyl methacrylate	10.438	69	45260	24.947	ug/l	98
57) 1,3-Dichloropropane	10.719	76	61240	24.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	109516	130.766	ug/l	98
59) 2-Hexanone	10.761	43	104940	128.597	ug/l	98
60) Dibromochloromethane	10.908	129	48095	24.662	ug/l	99
61) 1,2-Dibromoethane	11.018	107	33701	25.102	ug/l	99
64) Tetrachloroethene	10.646	164	51793	26.138	ug/l	98
65) Chlorobenzene	11.444	112	134760	23.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	49250	24.208	ug/l	99
67) Ethyl Benzene	11.517	91	226613	22.437	ug/l	99
68) m/p-Xylenes	11.627	106	177473	46.283	ug/l	99
69) o-Xylene	11.956	106	81170	22.968	ug/l	97
70) Styrene	11.969	104	139521	23.798	ug/l	99
71) Bromoform	12.133	173	28538	25.093	ug/l #	99
73) Isopropylbenzene	12.255	105	217811	21.800	ug/l	100
74) N-amyl acetate	12.072	43	52356	24.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	41779	23.696	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	53644	41.970	ug/l #	100
77) Bromobenzene	12.529	156	53255	22.783	ug/l	99
78) n-propylbenzene	12.596	91	268666	22.141	ug/l	99
79) 2-Chlorotoluene	12.682	91	157470	22.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	184539	22.727	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12497	22.227	ug/l	96
82) 4-Chlorotoluene	12.779	91	164432	22.886	ug/l	100
83) tert-Butylbenzene	12.999	119	161924	22.354	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	185186	22.971	ug/l	99
85) sec-Butylbenzene	13.176	105	241405	22.399	ug/l	99
86) p-Isopropyltoluene	13.291	119	199339	22.451	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	107266	23.054	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	105506	23.186	ug/l	99
89) n-Butylbenzene	13.621	91	181762	22.170	ug/l	100
90) Hexachloroethane	13.883	117	43582	23.009	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	92739	23.255	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6616	25.050	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	51459	23.624	ug/l	97
94) Hexachlorobutadiene	15.023	225	32132	23.533	ug/l	98
95) Naphthalene	15.145	128	84045	24.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44927	24.524	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

Quant Time: Mar 13 01:36:38 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

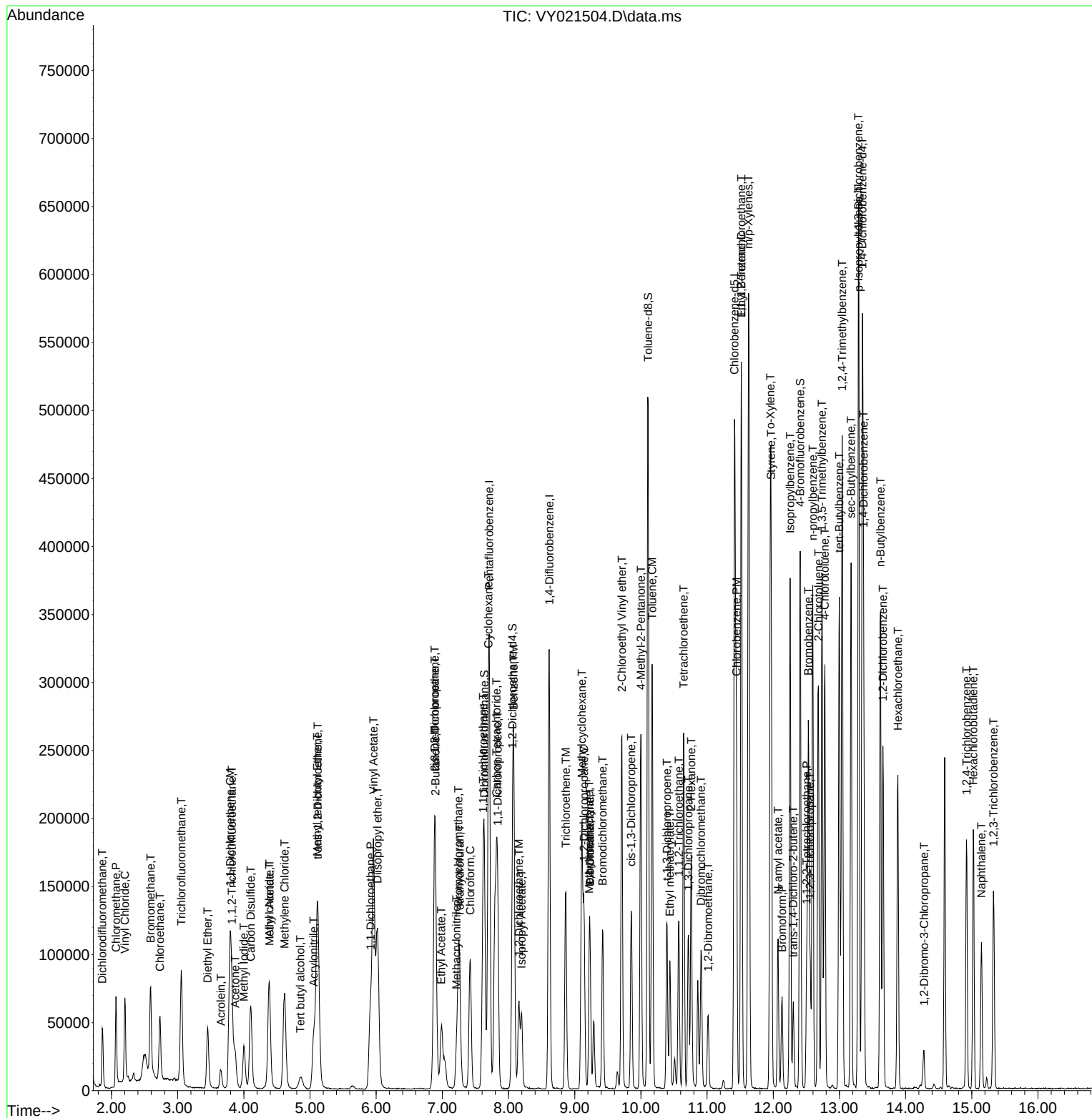
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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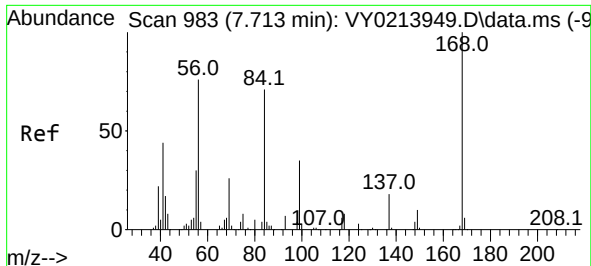
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY021504.D
 Acq On : 12 Mar 2025 12:49
 Operator : SY/MD
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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: Mar 13 01:36:38 2025
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 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

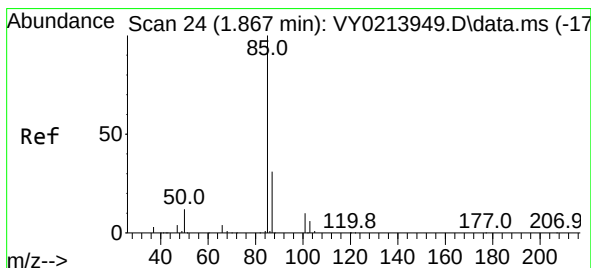
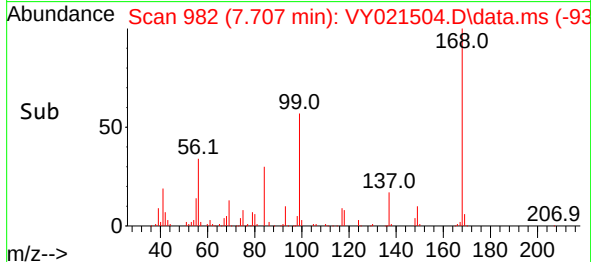
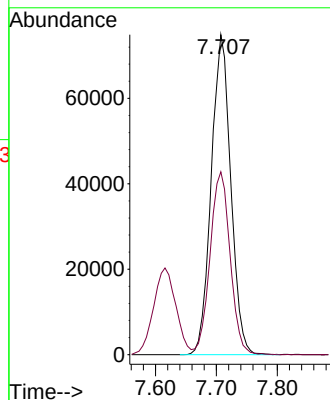
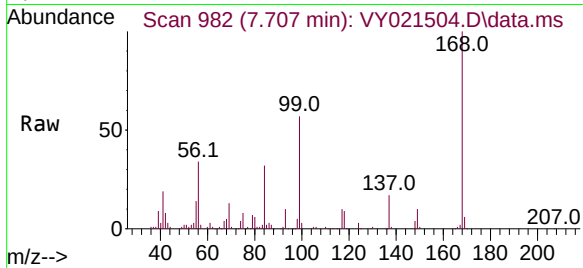




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

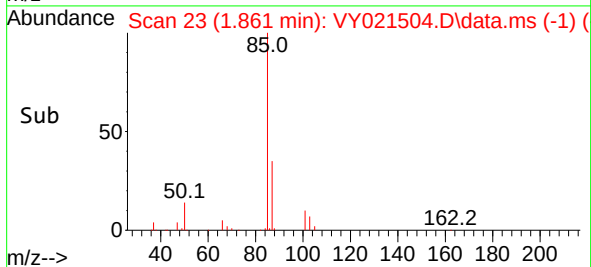
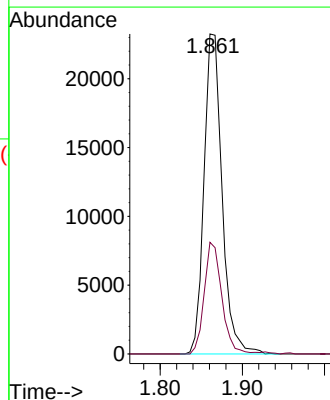
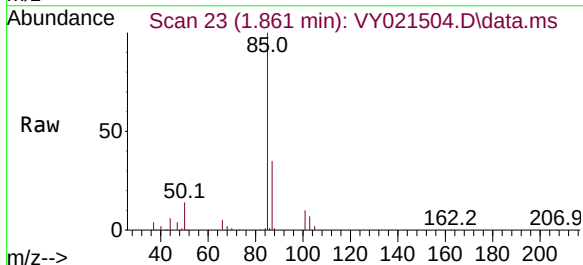
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

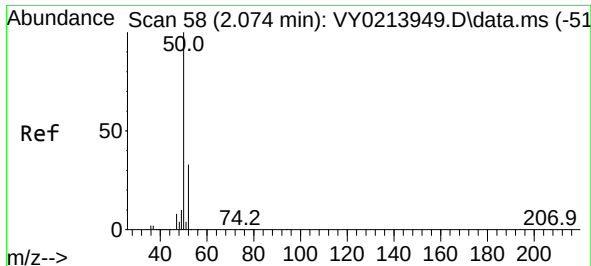
Tgt Ion:168 Resp: 166594
Ion Ratio Lower Upper
168 100
99 57.1 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 23.228 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 85 Resp: 35510
Ion Ratio Lower Upper
85 100
87 34.9 15.7 47.0

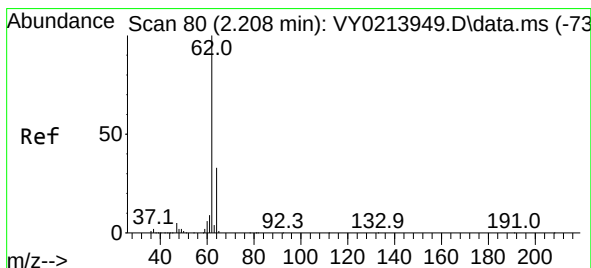
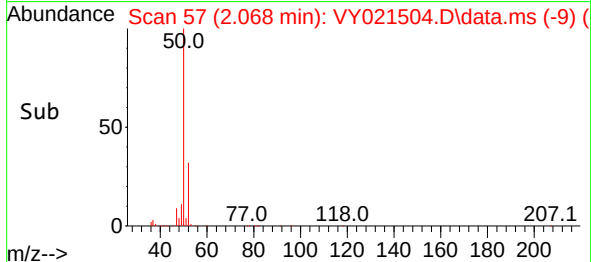
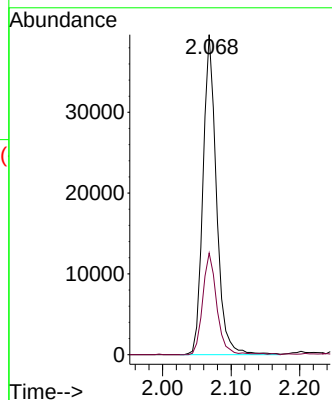
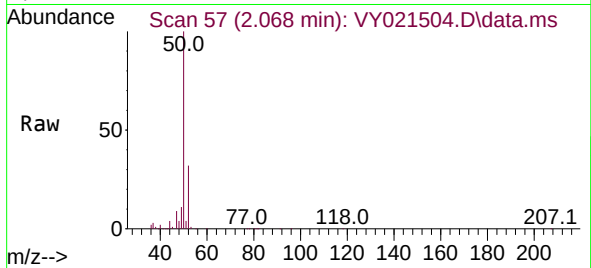




#3
Chloromethane
Concen: 25.197 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

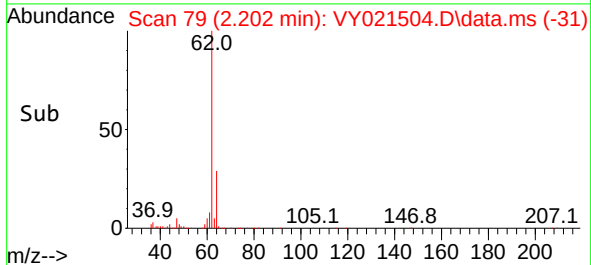
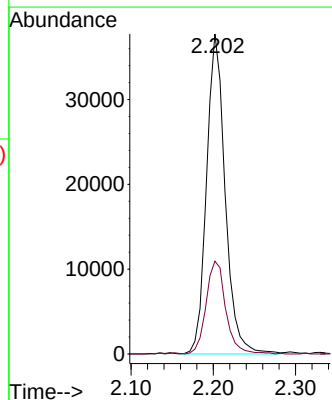
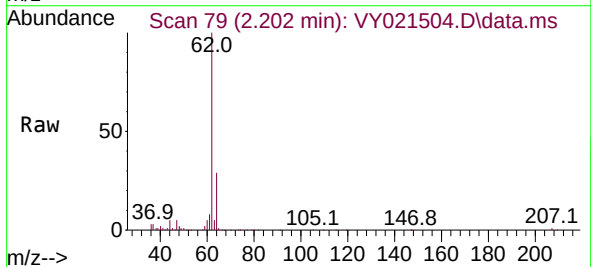
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

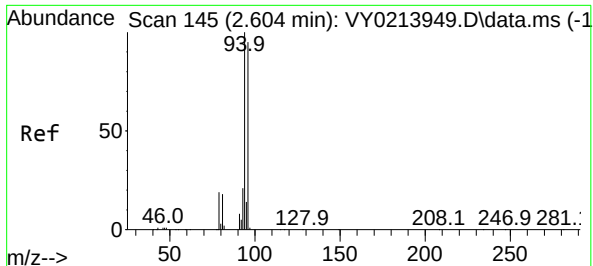
Tgt Ion: 50 Resp: 54309
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 25.184 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 62 Resp: 59317
Ion Ratio Lower Upper
62 100
64 28.9 26.2 39.2

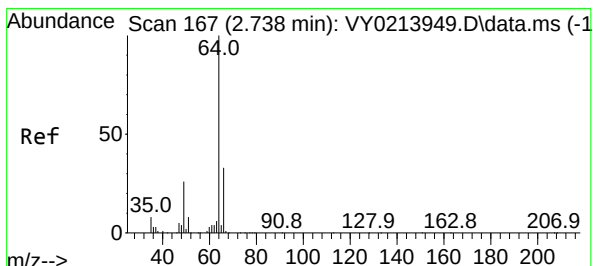
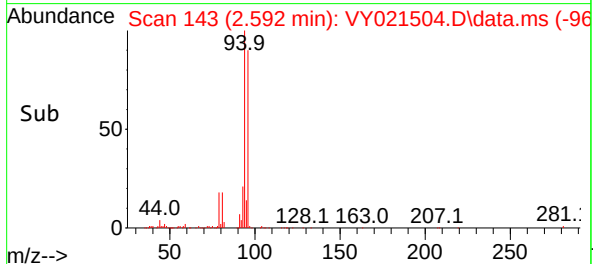
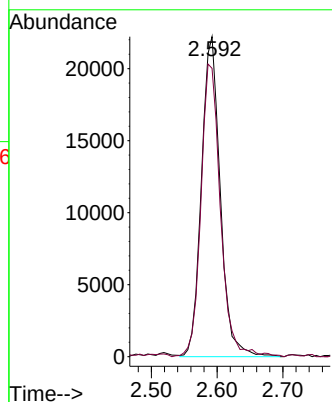
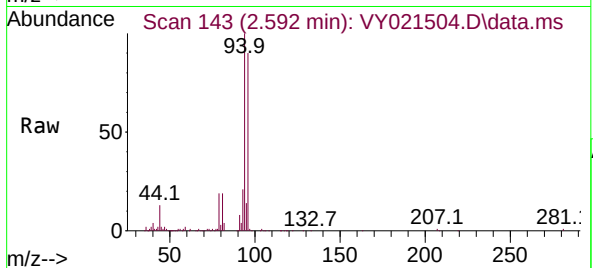




#5
Bromomethane
Concen: 25.950 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

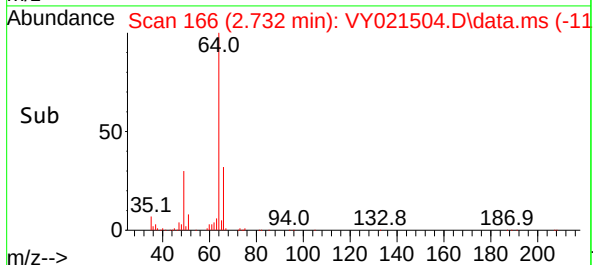
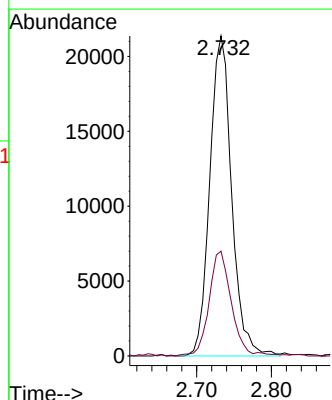
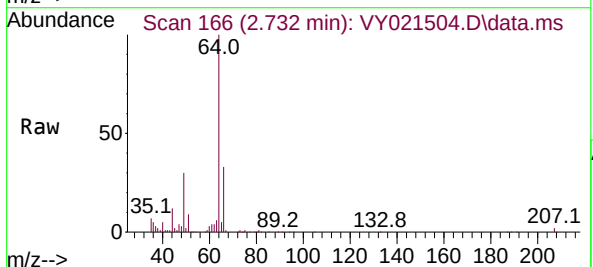
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

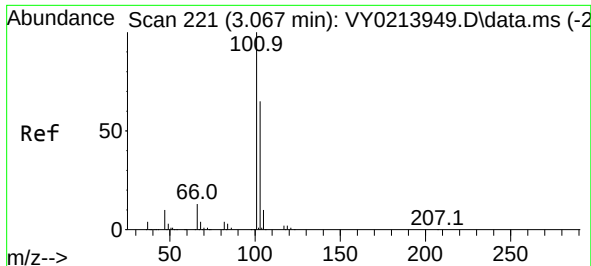
Tgt Ion: 94 Resp: 44176
Ion Ratio Lower Upper
94 100
96 89.7 76.3 114.5



#6
Chloroethane
Concen: 27.964 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 64 Resp: 43527
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1

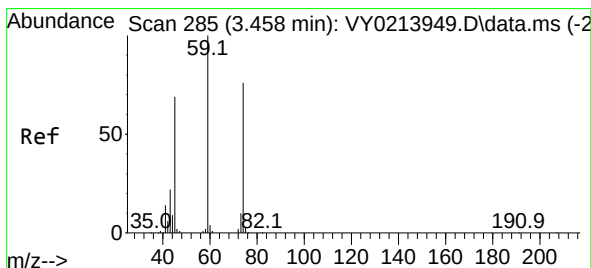
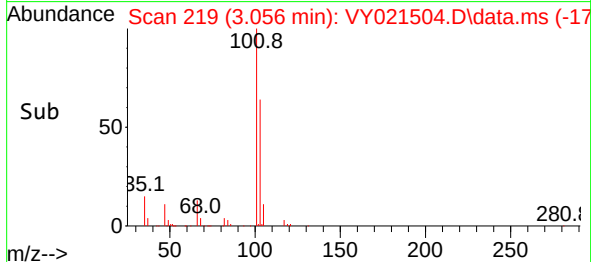
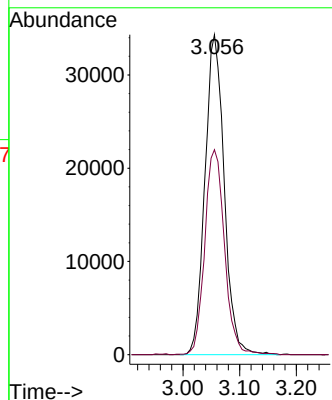
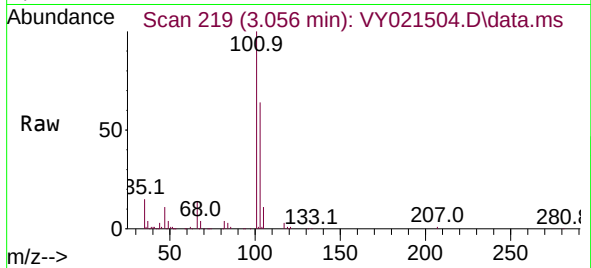




#7
Trichlorofluoromethane
Concen: 24.573 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

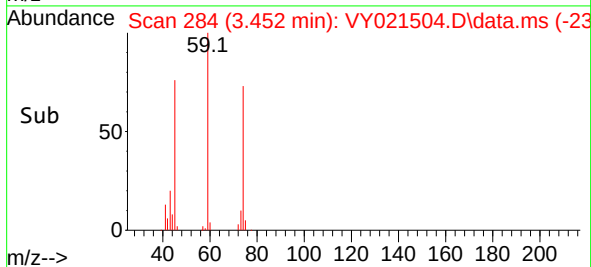
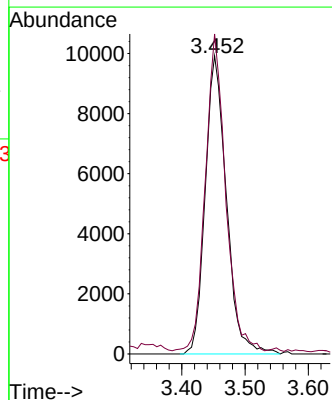
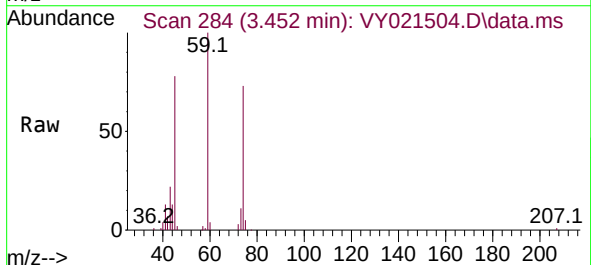
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

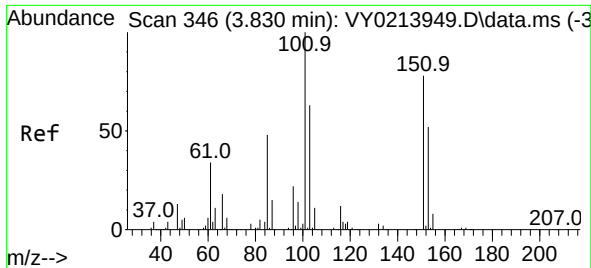
Tgt Ion:101 Resp: 80787
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5



#8
Diethyl Ether
Concen: 25.314 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 74 Resp: 23063
Ion Ratio Lower Upper
74 100
45 101.5 49.7 149.1

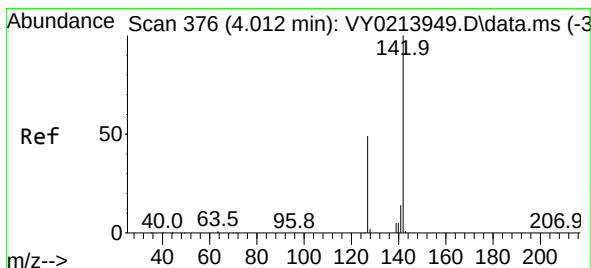
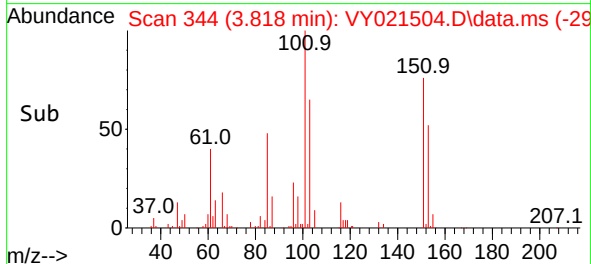
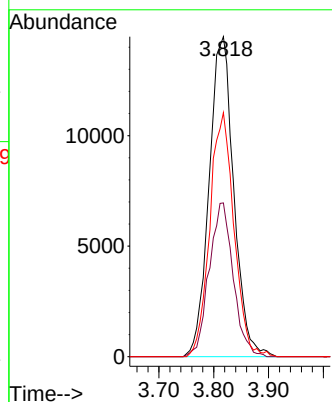
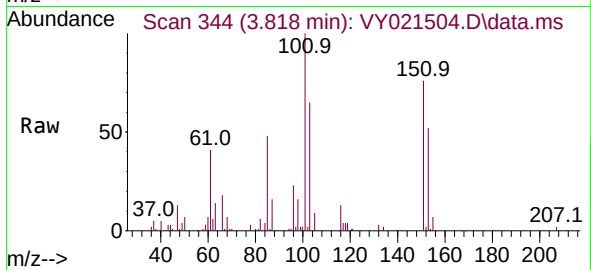




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.081 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

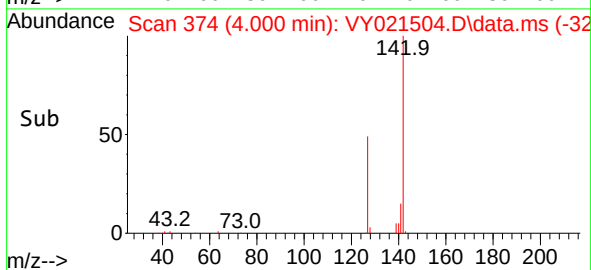
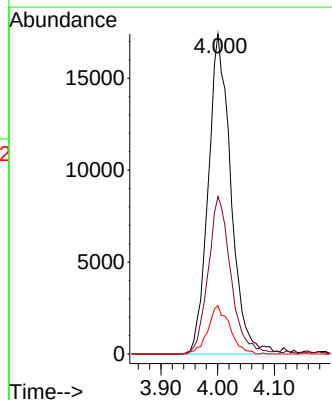
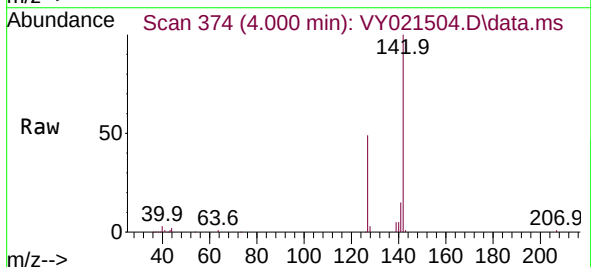
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

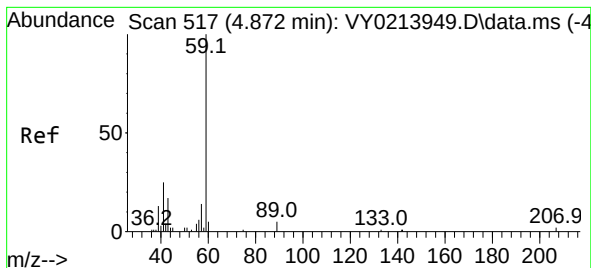
Tgt Ion:101 Resp: 45200
Ion Ratio Lower Upper
101 100
85 46.9 37.1 55.7
151 74.7 62.1 93.1



#10
Methyl Iodide
Concen: 25.370 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:142 Resp: 48406
Ion Ratio Lower Upper
142 100
127 49.4 39.1 58.7
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 132.332 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

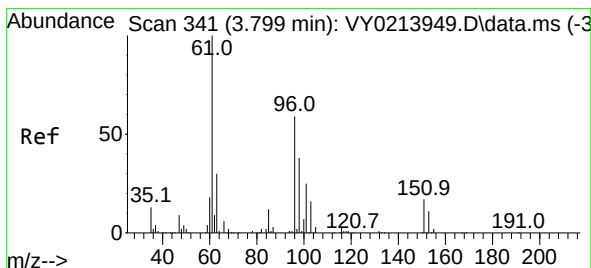
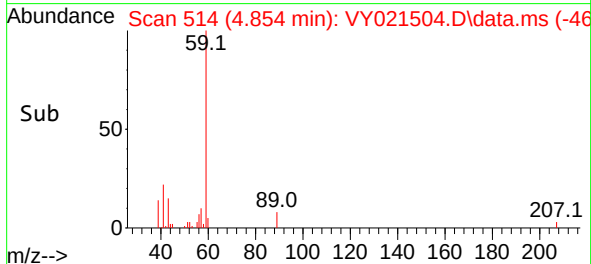
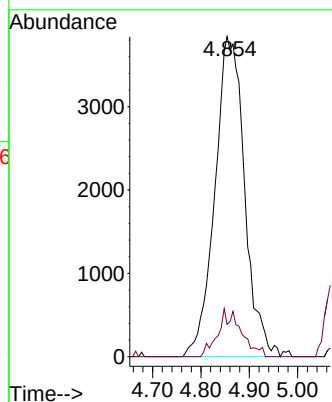
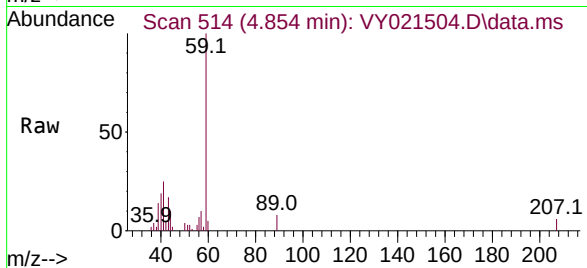
VY0312SBS02

Tgt Ion: 59 Resp: 16364

Ion Ratio Lower Upper

59 100

57 6.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 24.529 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

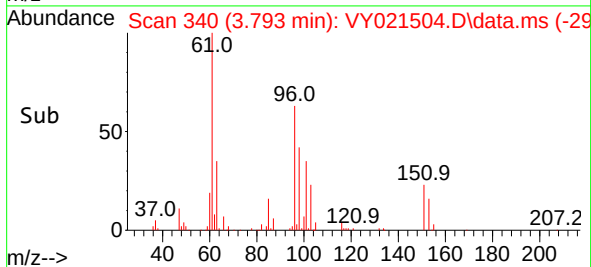
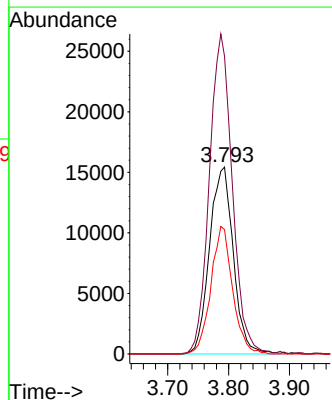
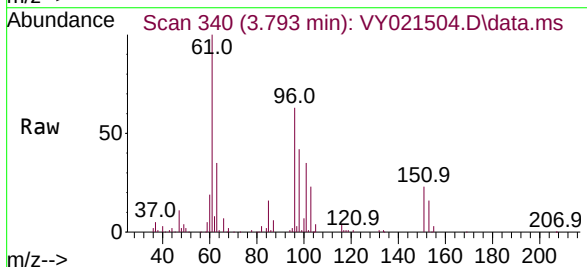
Tgt Ion: 96 Resp: 41976

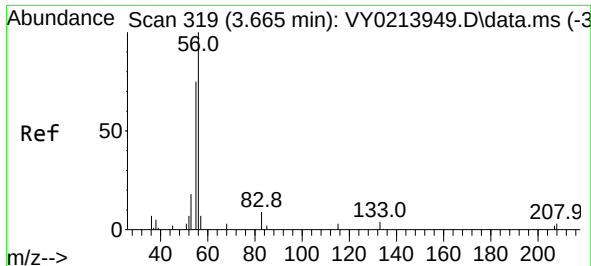
Ion Ratio Lower Upper

96 100

61 159.3 135.2 202.8

98 66.5 51.4 77.2

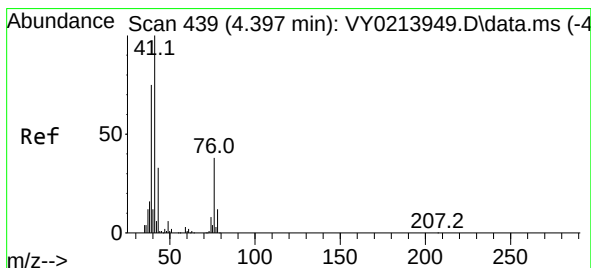
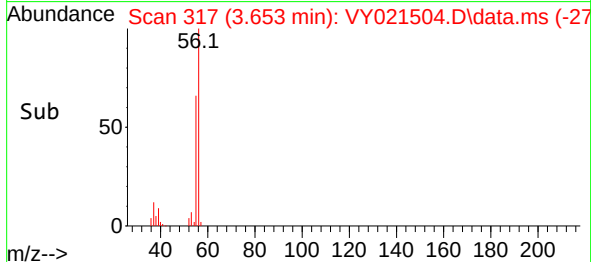
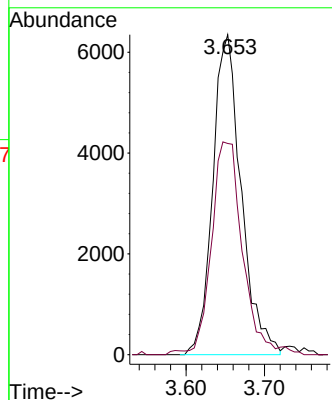
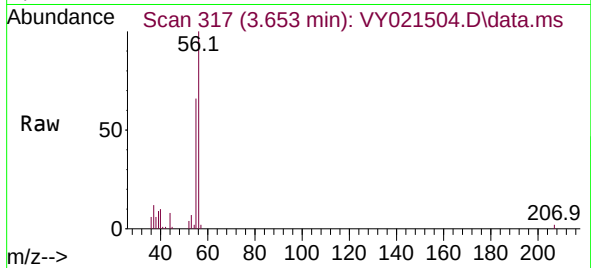




#13
Acrolein
Concen: 178.783 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

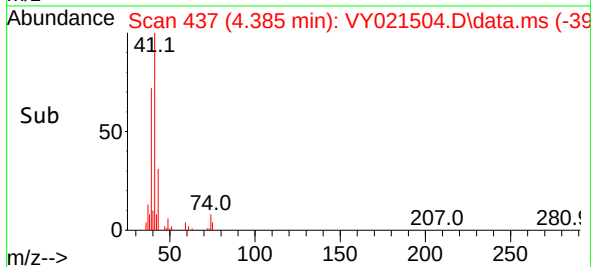
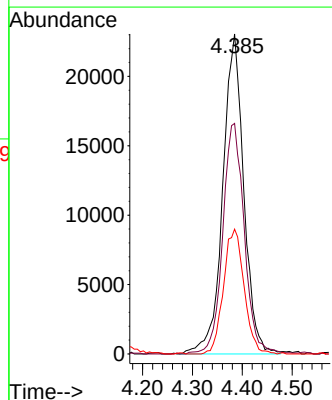
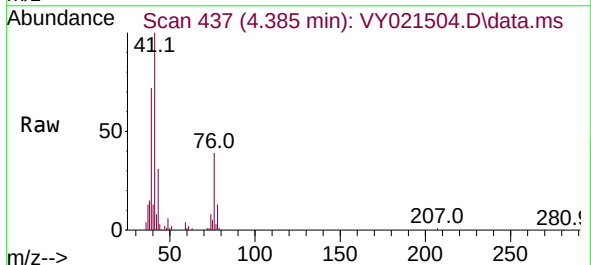
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

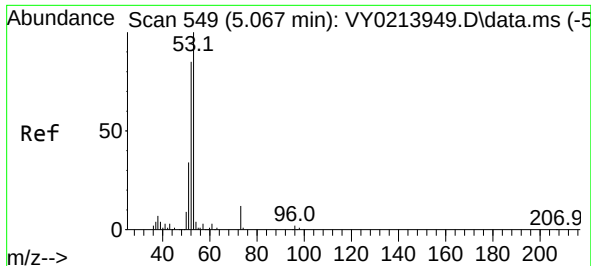
Tgt Ion: 56 Resp: 16012
Ion Ratio Lower Upper
56 100
55 73.0 63.4 95.2



#14
Allyl chloride
Concen: 24.384 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 41 Resp: 67434
Ion Ratio Lower Upper
41 100
39 73.8 59.3 88.9
76 38.3 29.8 44.8

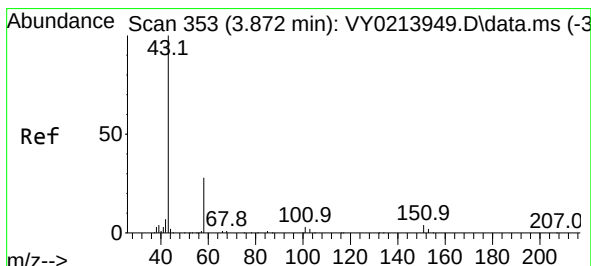
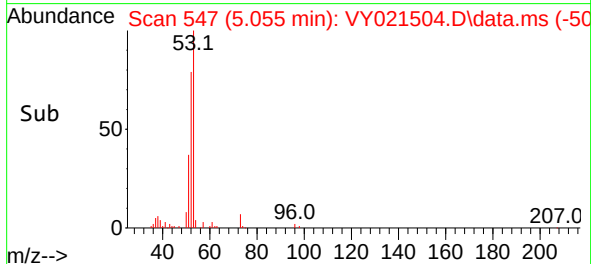
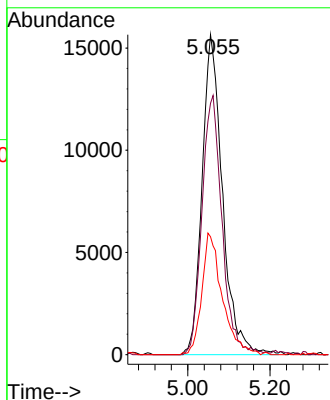
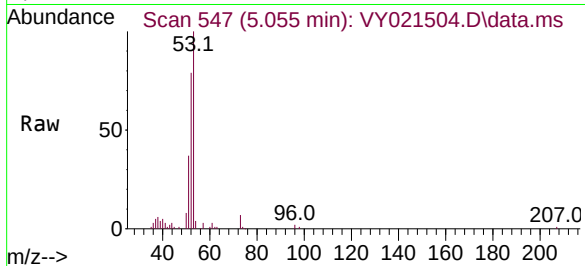




#15
Acrylonitrile
Concen: 138.856 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

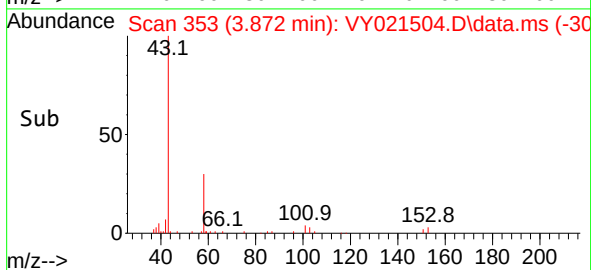
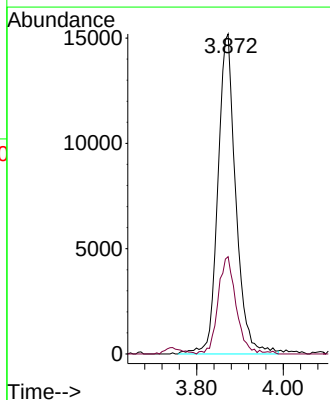
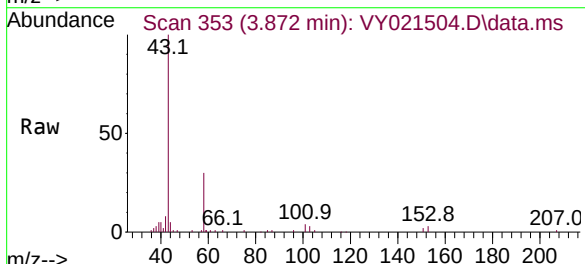
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

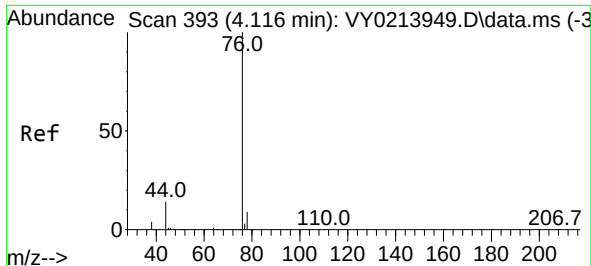
Tgt Ion: 53 Resp: 53854
Ion Ratio Lower Upper
53 100
52 80.0 66.3 99.5
51 38.2 30.3 45.5



#16
Acetone
Concen: 113.708 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 43 Resp: 43669
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1

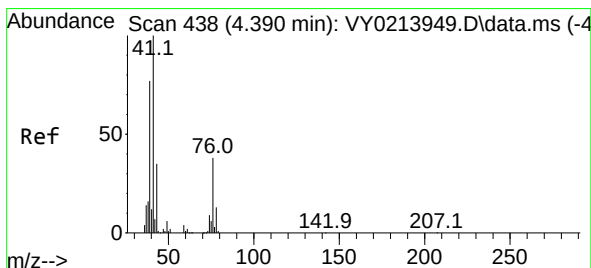
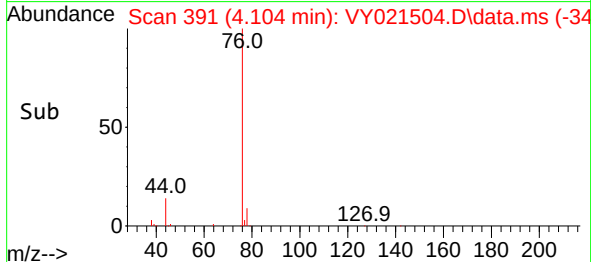
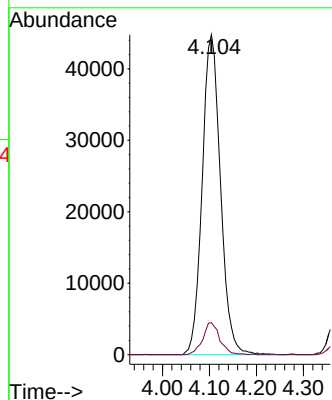
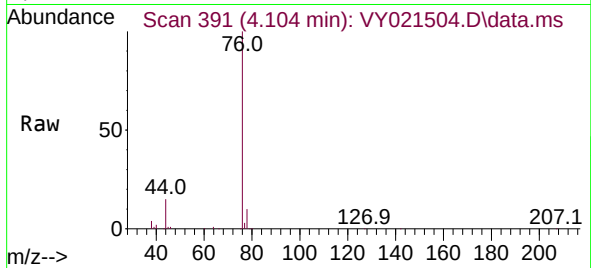




#17
Carbon Disulfide
Concen: 22.595 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

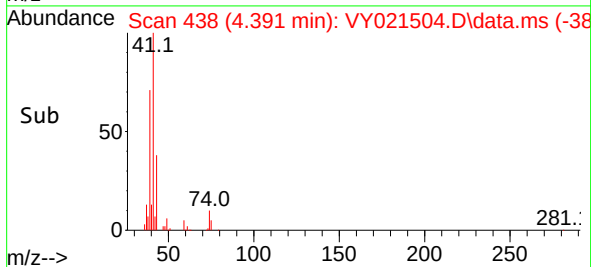
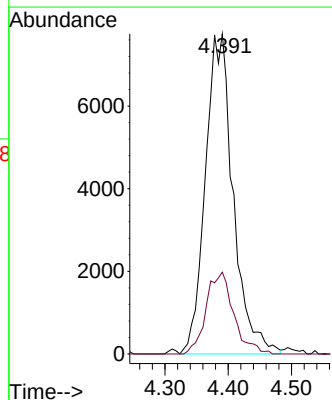
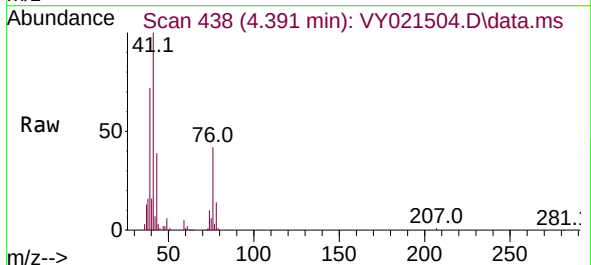
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

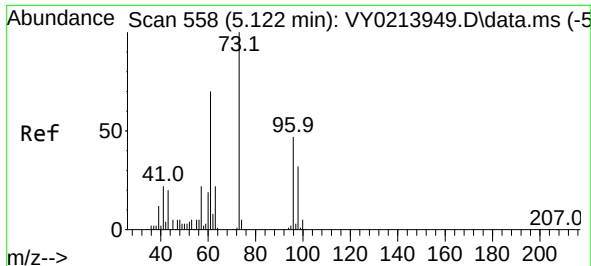
Tgt Ion: 76 Resp: 121177
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 27.760 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 43 Resp: 23655
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0

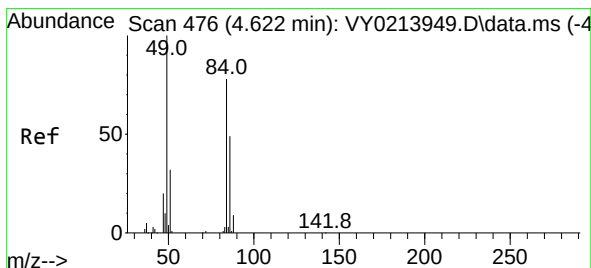
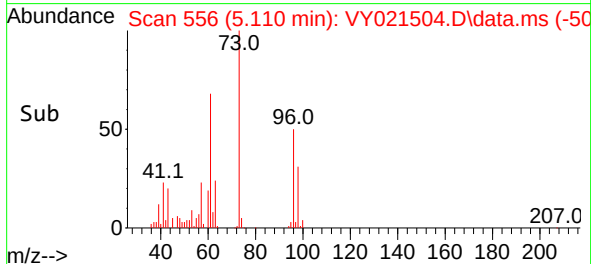
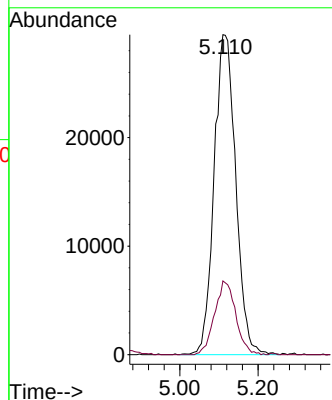
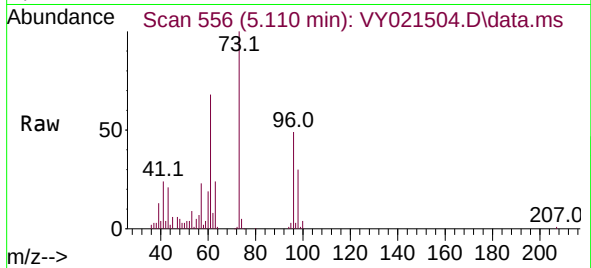




#19
Methyl tert-butyl Ether
Concen: 26.060 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

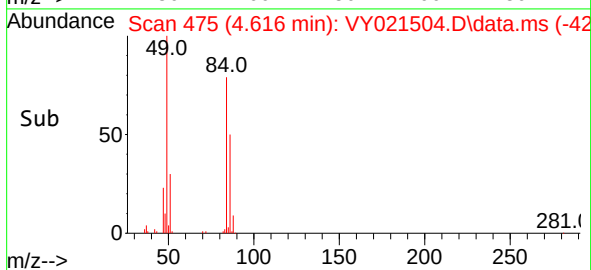
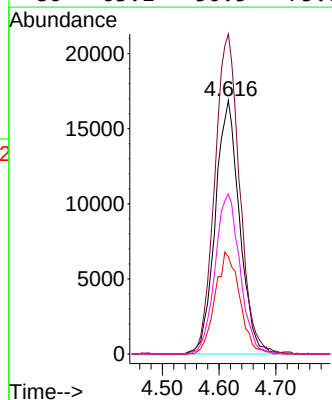
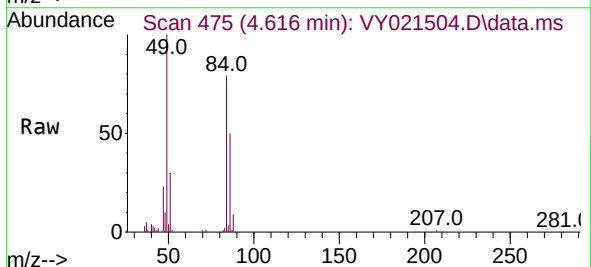
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

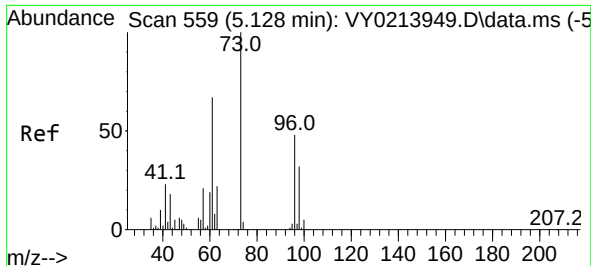
Tgt Ion: 73 Resp: 113032
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9



#20
Methylene Chloride
Concen: 24.894 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 84 Resp: 50185
Ion Ratio Lower Upper
84 100
49 126.2 102.0 153.0
51 38.4 33.0 49.6
86 63.1 50.5 75.7

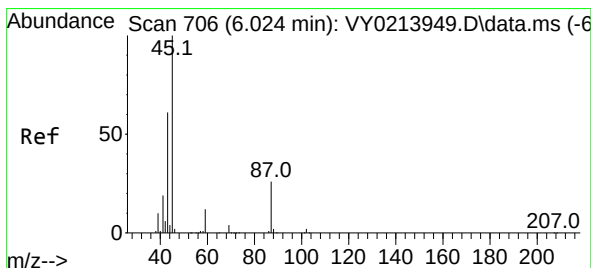
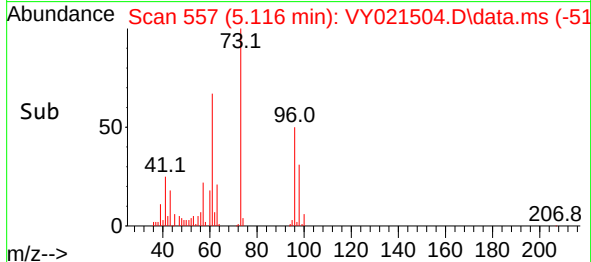
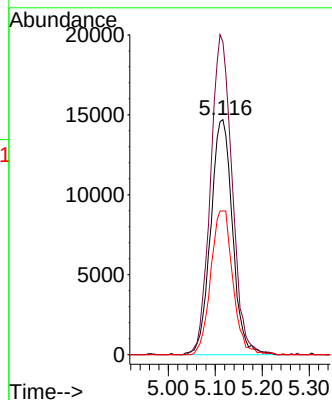
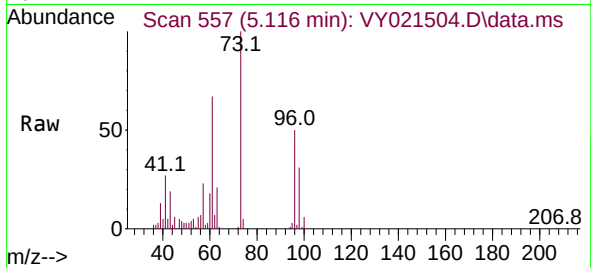




#21
trans-1,2-Dichloroethene
Concen: 24.755 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

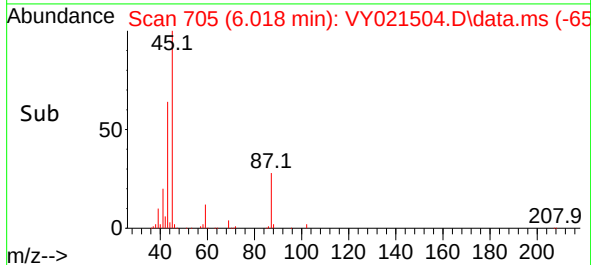
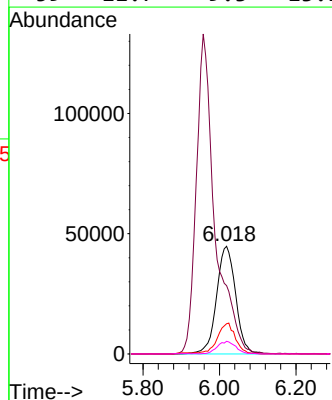
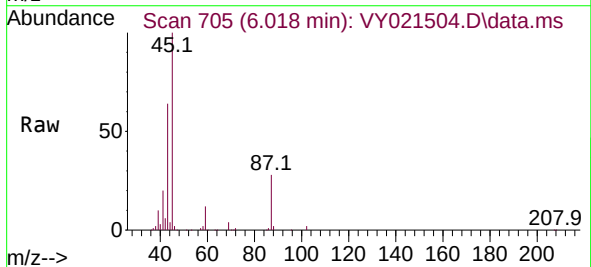
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

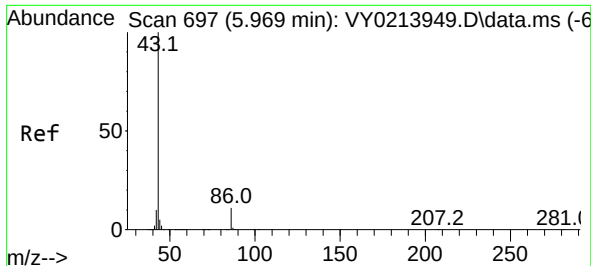
Tgt Ion: 96 Resp: 47442
Ion Ratio Lower Upper
96 100
61 133.1 111.5 167.3
98 61.1 53.8 80.8



#22
Diisopropyl ether
Concen: 26.100 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 45 Resp: 155555
Ion Ratio Lower Upper
45 100
43 62.8 48.7 73.1
87 28.1 21.5 32.3
59 11.7 9.3 13.9





#23

Vinyl Acetate

Concen: 132.117 ug/l

RT: 5.957 min Scan# 64

Delta R.T. -0.012 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

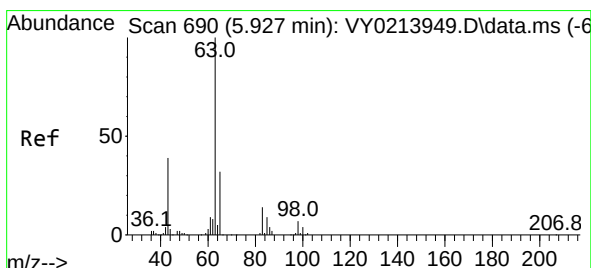
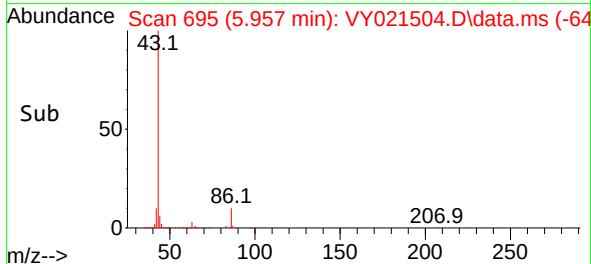
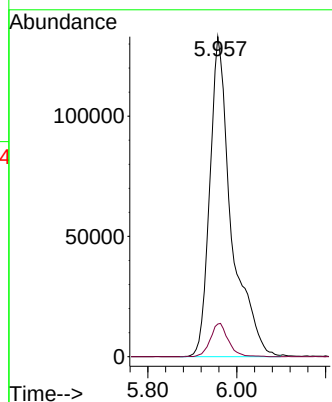
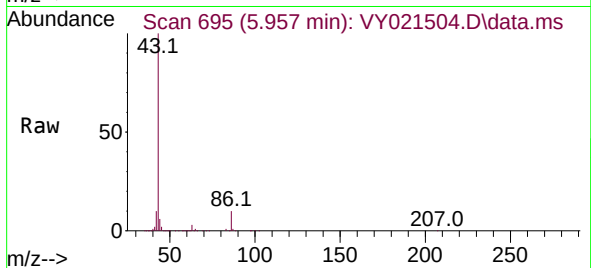
VY0312SBS02

Tgt Ion: 43 Resp: 449380

Ion Ratio Lower Upper

43 100

86 10.2 8.5 12.7



#24

1,1-Dichloroethane

Concen: 25.282 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

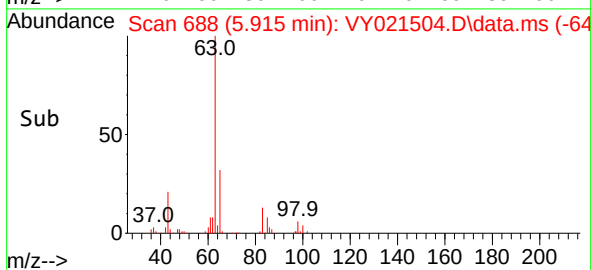
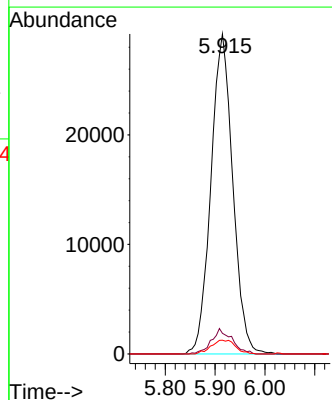
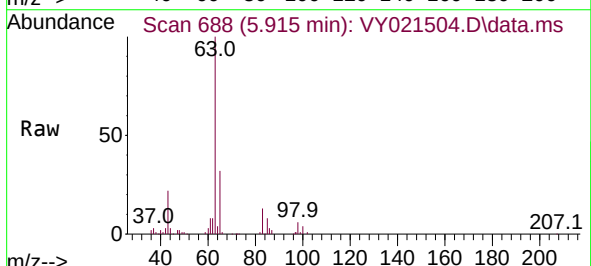
Tgt Ion: 63 Resp: 88930

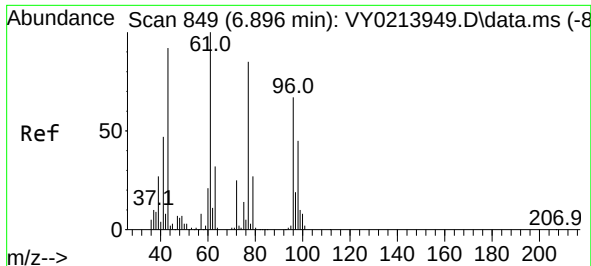
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 124.574 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

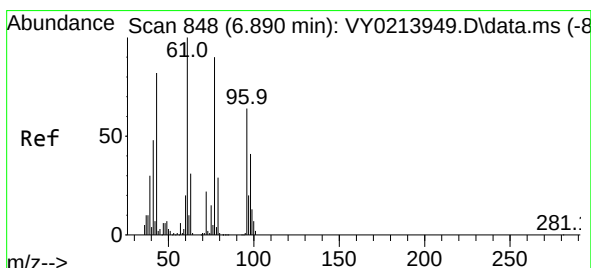
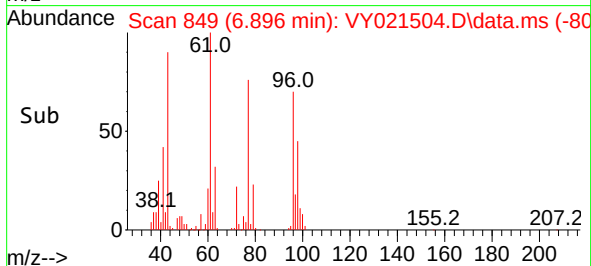
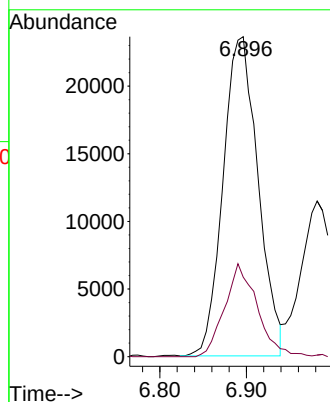
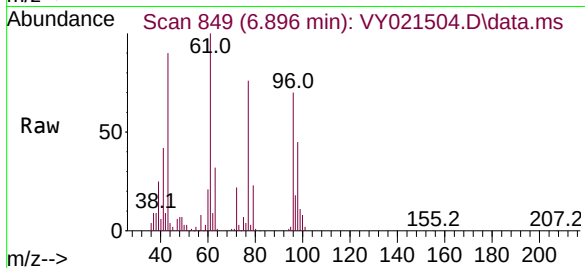
VY0312SBS02

Tgt Ion: 43 Resp: 66180

Ion Ratio Lower Upper

43 100

72 24.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 23.910 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021504.D

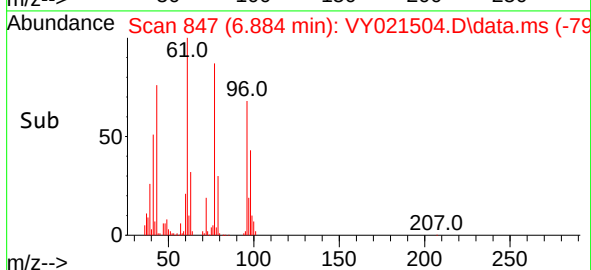
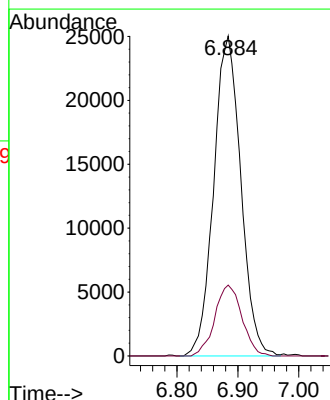
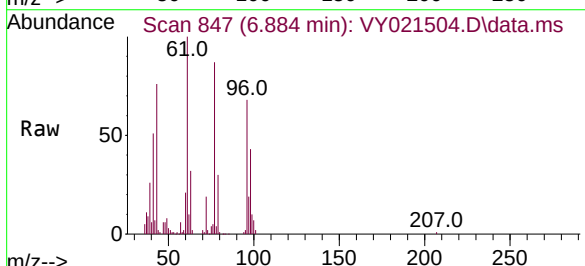
Acq: 12 Mar 2025 12:49

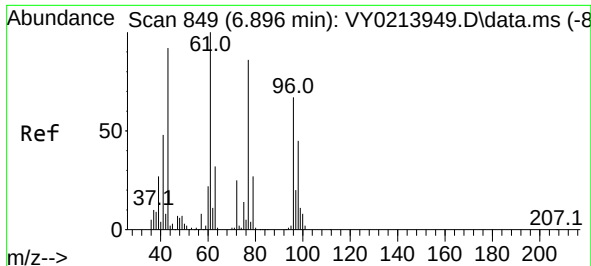
Tgt Ion: 77 Resp: 77385

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8

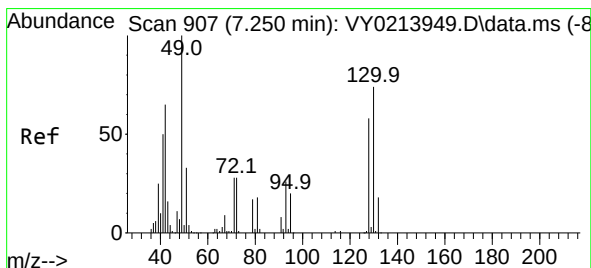
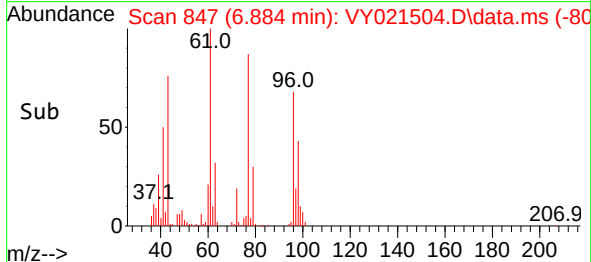
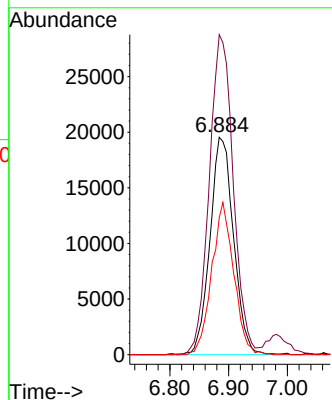
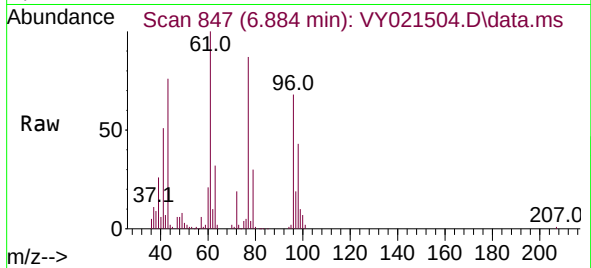




#27
cis-1,2-Dichloroethene
Concen: 25.027 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

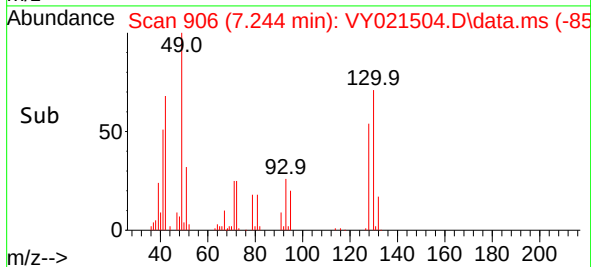
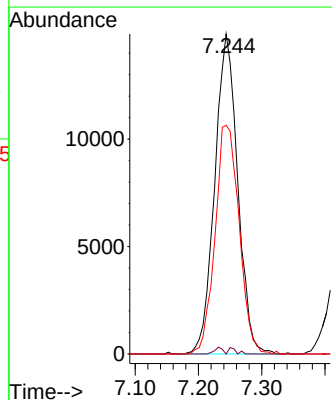
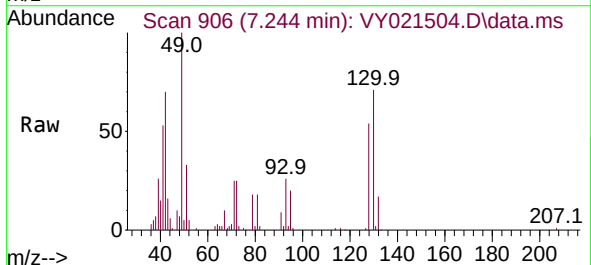
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

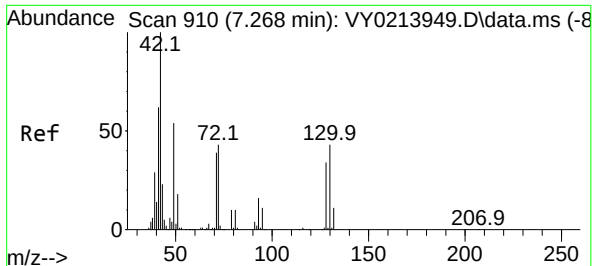
Tgt Ion: 96 Resp: 54489
Ion Ratio Lower Upper
96 100
61 149.7 0.0 300.8
98 65.3 0.0 130.0



#28
Bromochloromethane
Concen: 25.400 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 49 Resp: 37457
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.2
130 75.0 59.6 89.4





#29

Tetrahydrofuran

Concen: 136.260 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

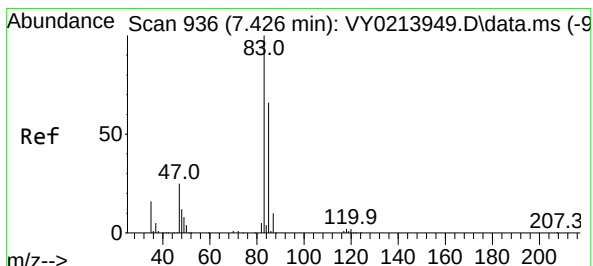
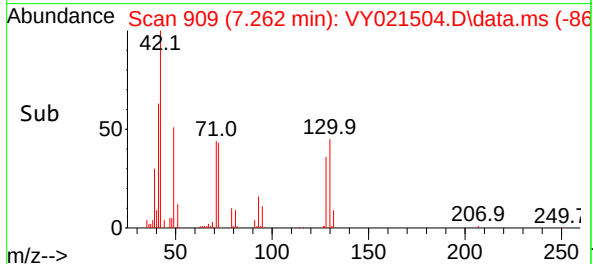
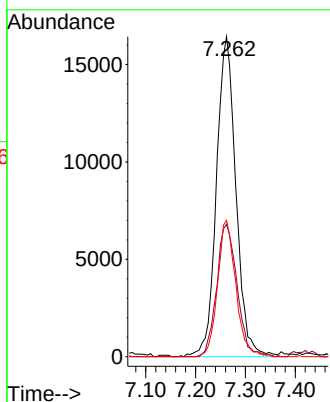
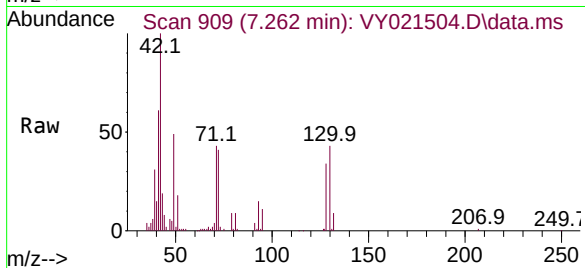
Tgt Ion: 42 Resp: 44689

Ion Ratio Lower Upper

42 100

72 43.3 34.8 52.2

71 39.8 32.6 48.8



#30

Chloroform

Concen: 25.771 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021504.D

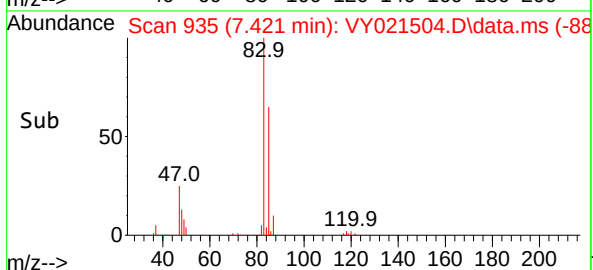
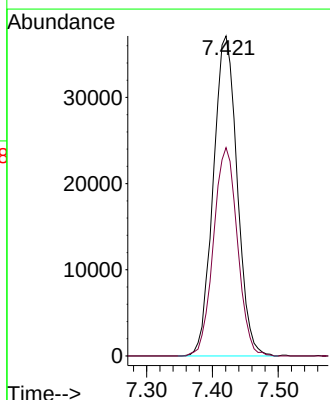
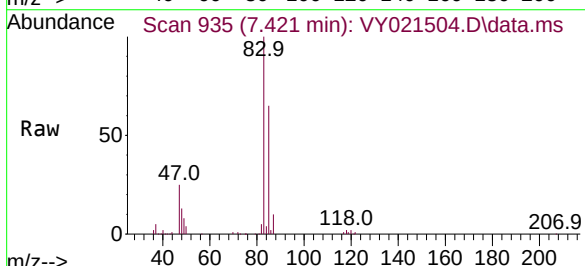
Acq: 12 Mar 2025 12:49

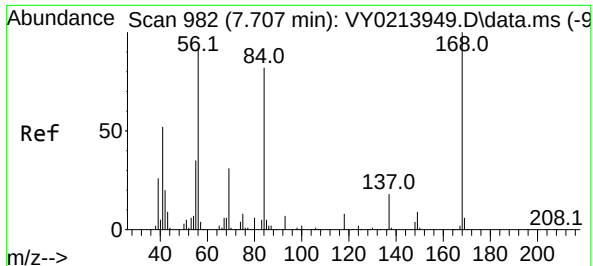
Tgt Ion: 83 Resp: 94130

Ion Ratio Lower Upper

83 100

85 65.1 53.1 79.7

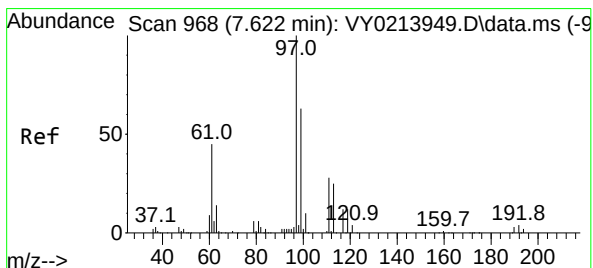
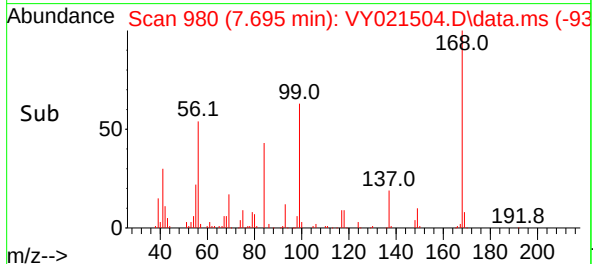
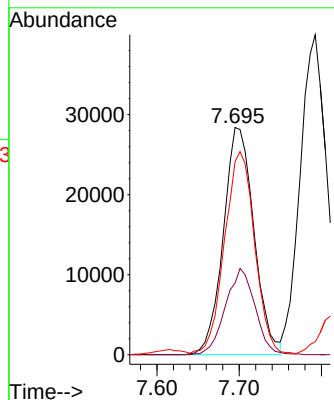
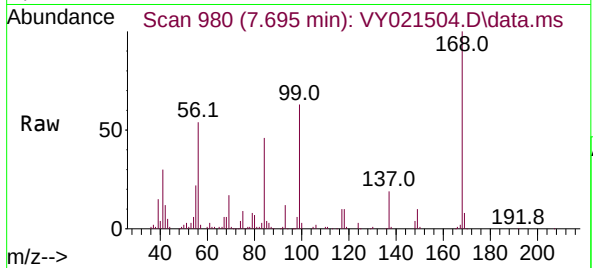




#31
Cyclohexane
Concen: 22.332 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

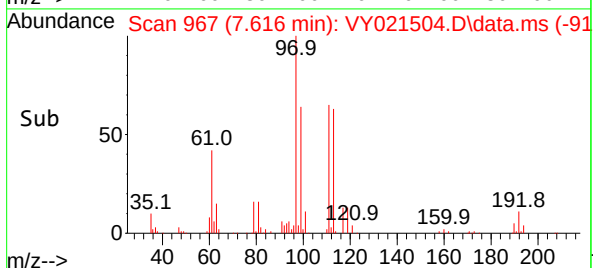
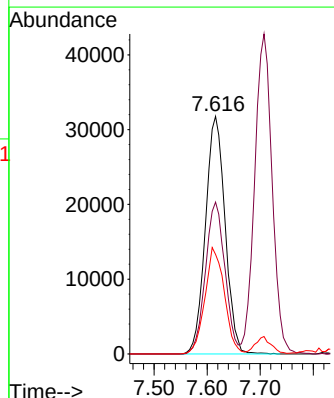
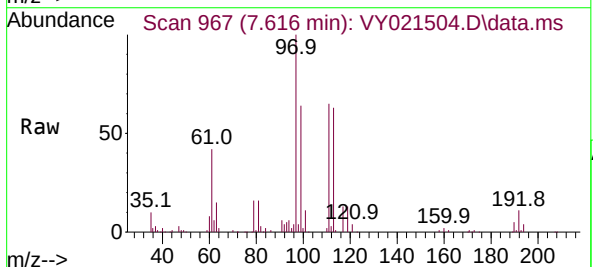
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

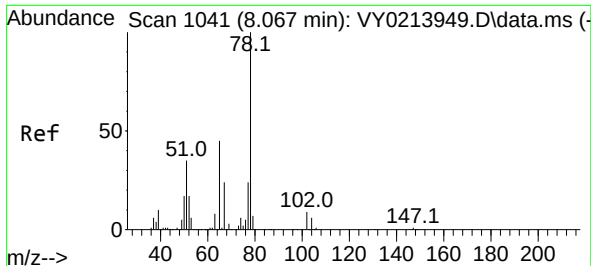
Tgt Ion: 56 Resp: 73644
Ion Ratio Lower Upper
56 100
69 31.5 27.0 40.4
84 83.7 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 24.473 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 97 Resp: 81848
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 44.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.291 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

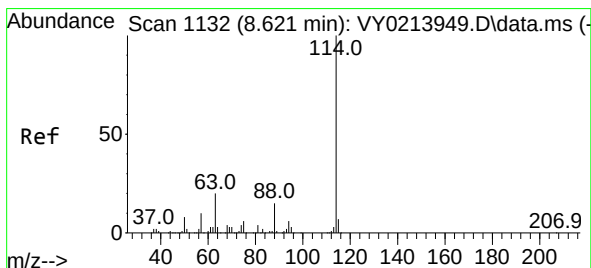
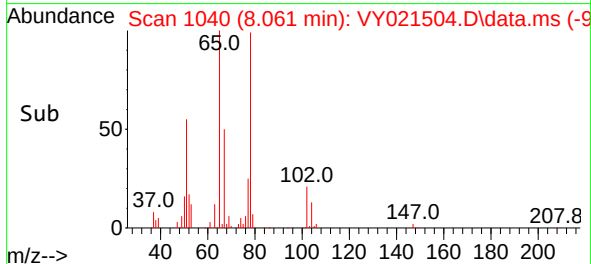
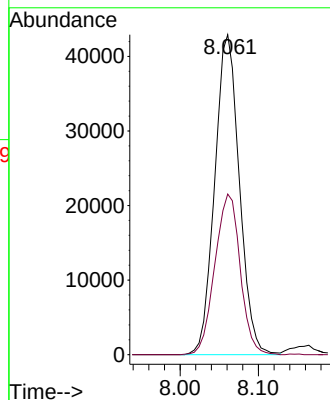
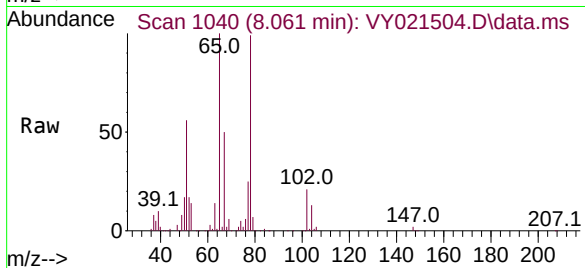
VY0312SBS02

Tgt Ion: 65 Resp: 93834

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021504.D

Acq: 12 Mar 2025 12:49

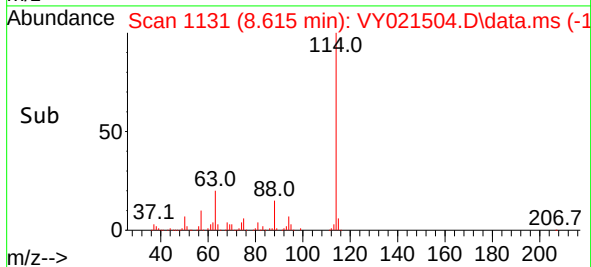
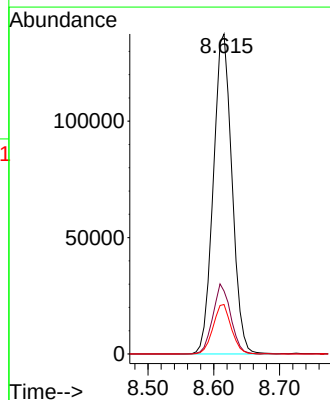
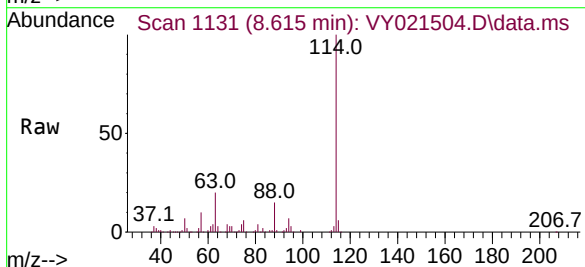
Tgt Ion: 114 Resp: 270940

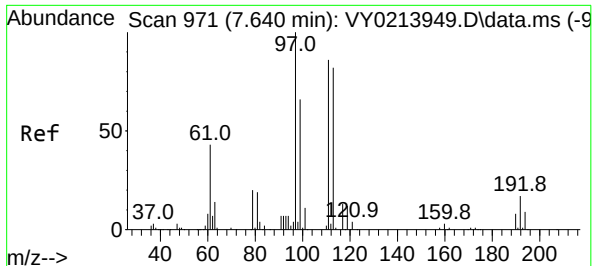
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.598 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

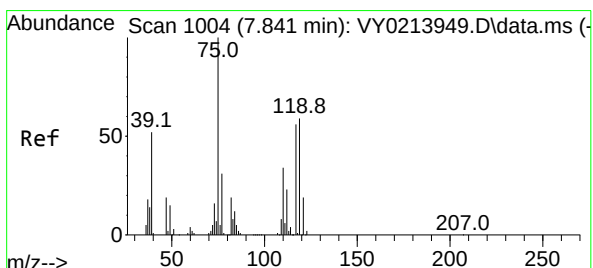
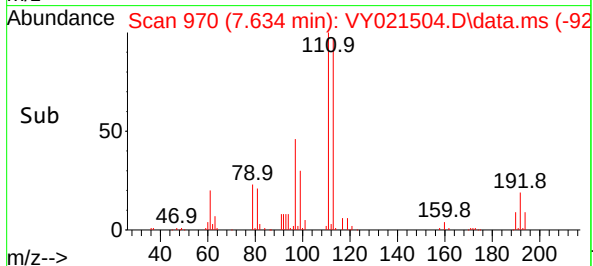
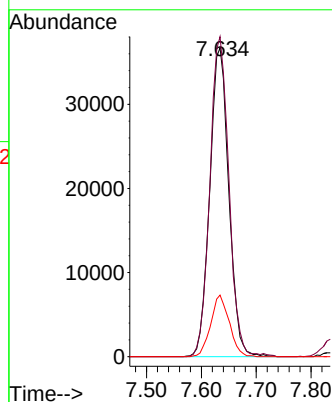
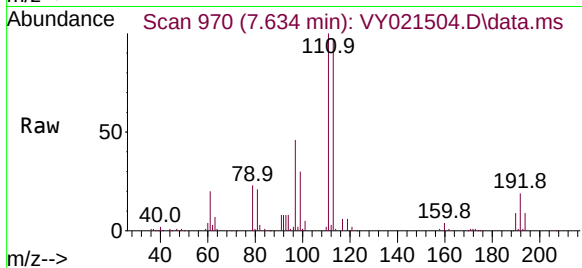
Tgt Ion:113 Resp: 88330

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 22.728 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

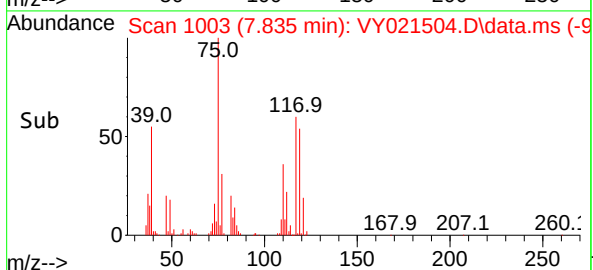
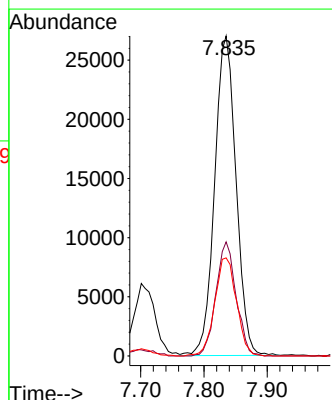
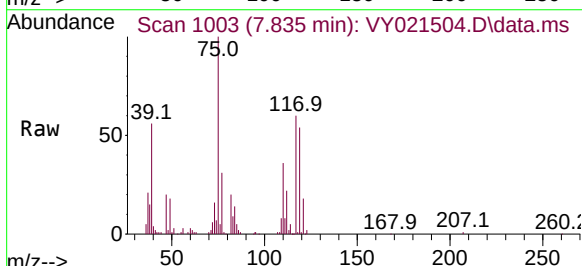
Tgt Ion: 75 Resp: 63359

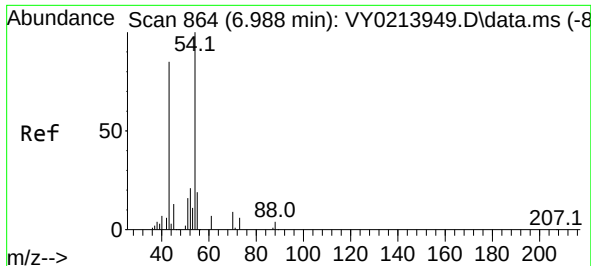
Ion Ratio Lower Upper

75 100

110 33.6 17.3 51.7

77 31.3 25.4 38.2





#37

Ethyl Acetate

Concen: 26.214 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

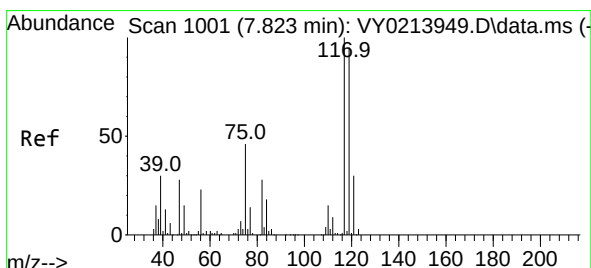
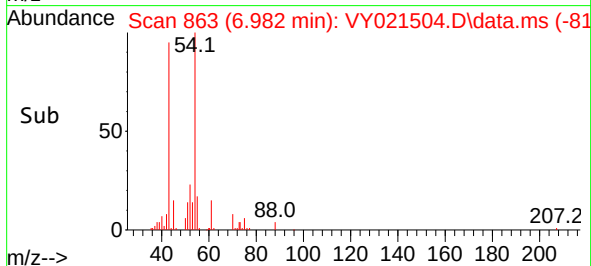
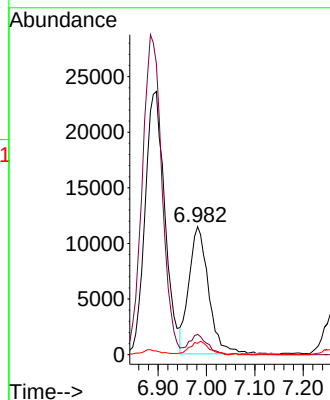
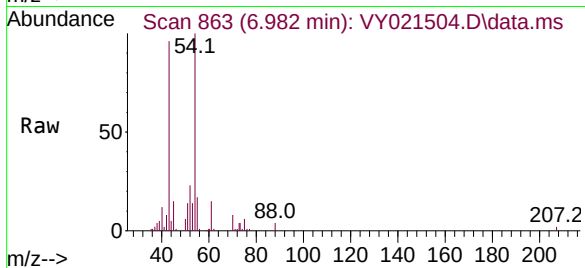
Tgt Ion: 43 Resp: 32299

Ion Ratio Lower Upper

43 100

61 14.5 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 23.113 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

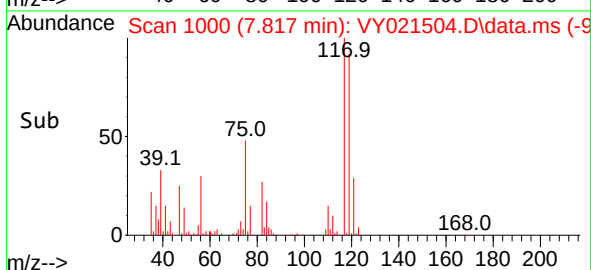
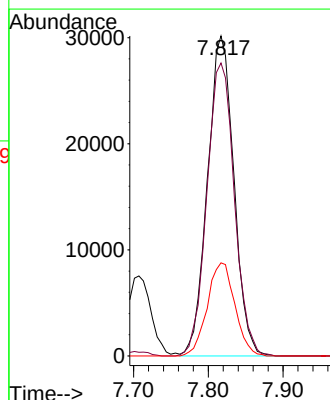
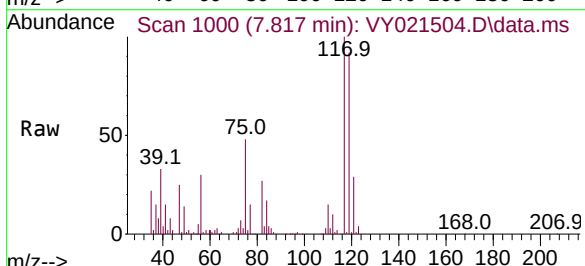
Tgt Ion: 117 Resp: 74101

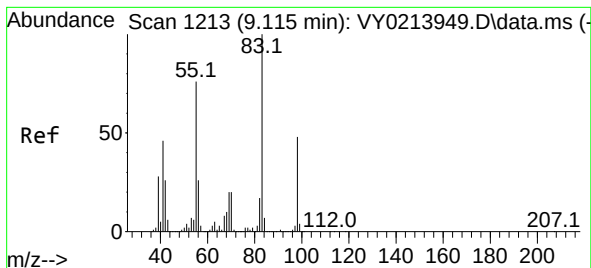
Ion Ratio Lower Upper

117 100

119 91.5 75.8 113.8

121 29.1 23.9 35.9

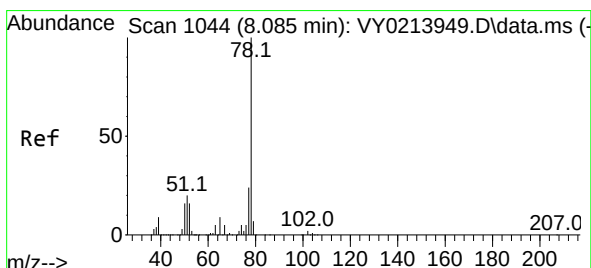
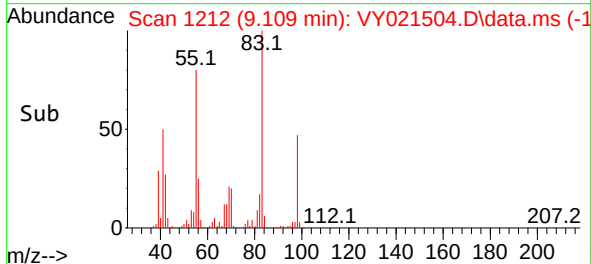
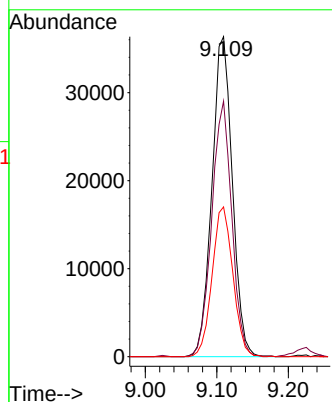
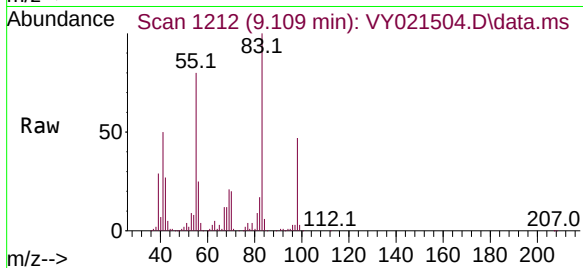




#39
Methylcyclohexane
Concen: 21.064 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

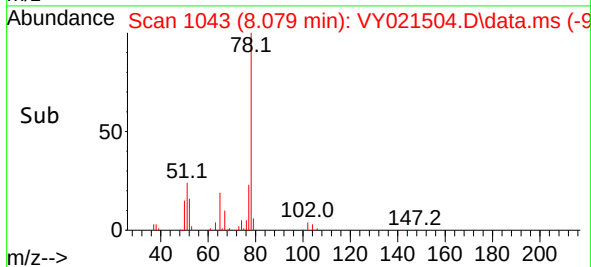
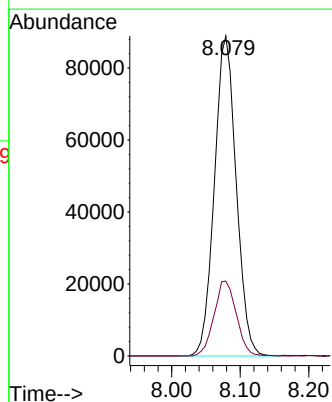
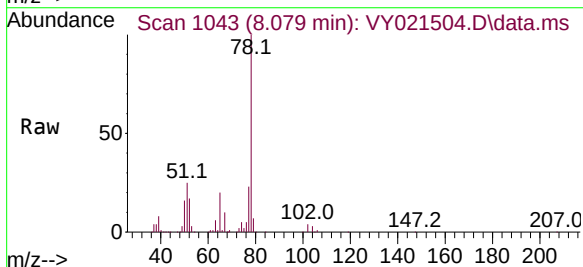
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

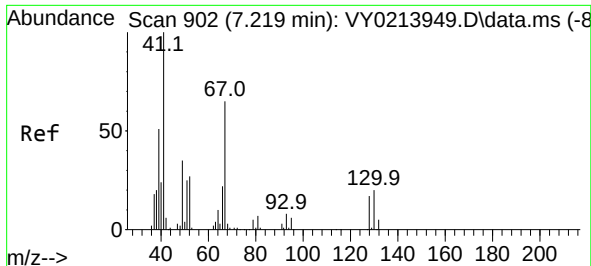
Tgt Ion: 83 Resp: 72029
Ion Ratio Lower Upper
83 100
55 79.9 60.7 91.1
98 46.8 38.6 57.8



#40
Benzene
Concen: 23.826 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 78 Resp: 195655
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

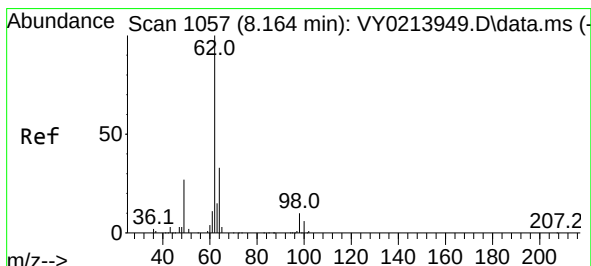
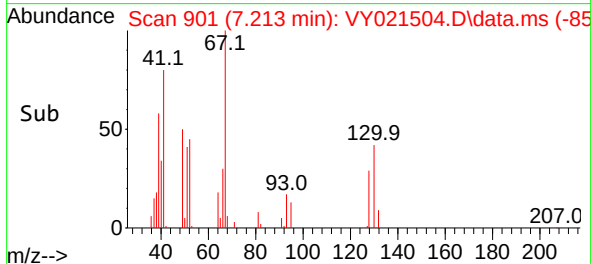
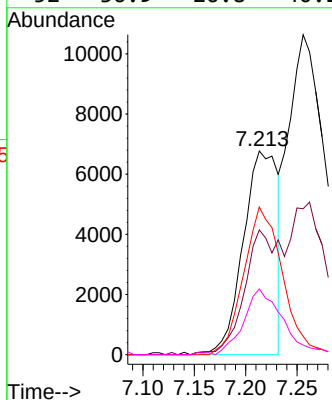
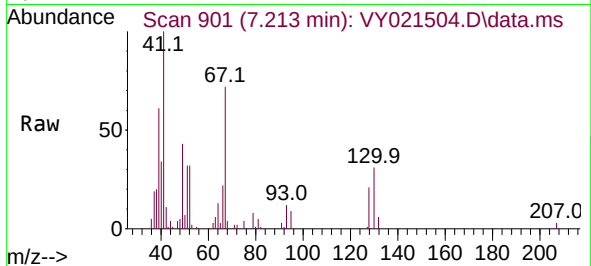




#41
Methacrylonitrile
Concen: 23.653 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

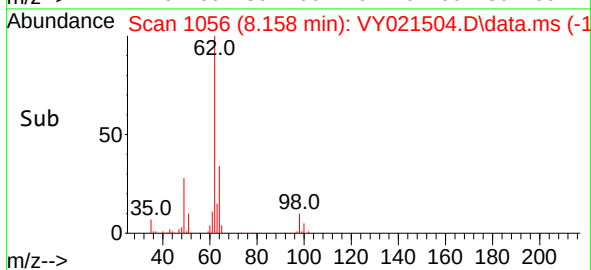
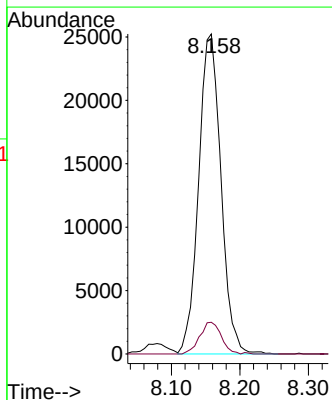
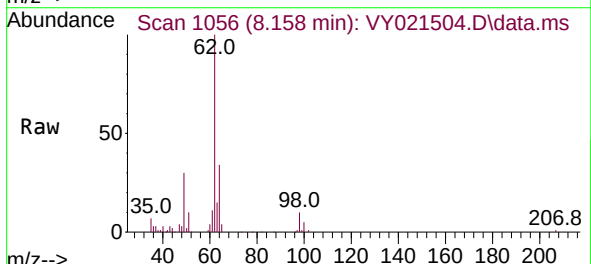
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

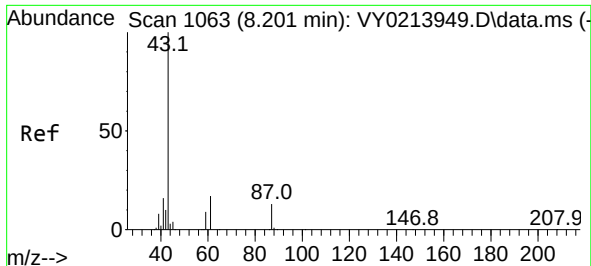
Tgt Ion:	41	Resp:	15869
Ion	Ratio	Lower	Upper
41	100		
39	48.8	35.0	52.6
67	82.3	61.2	91.8
52	36.9	26.8	40.2



#42
1,2-Dichloroethane
Concen: 24.928 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:	62	Resp:	57268
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.2

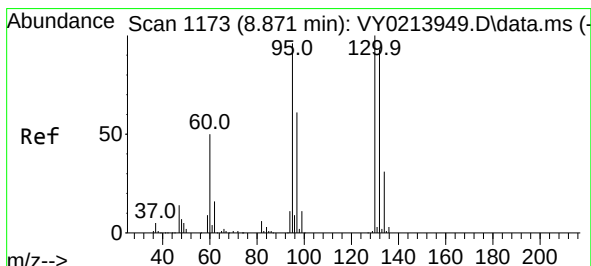
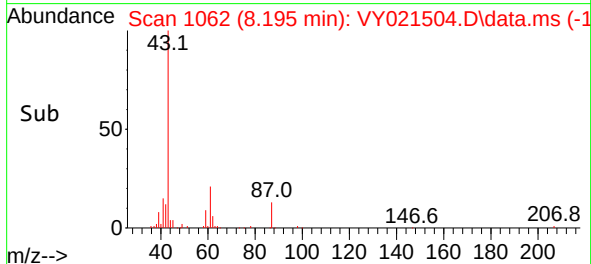
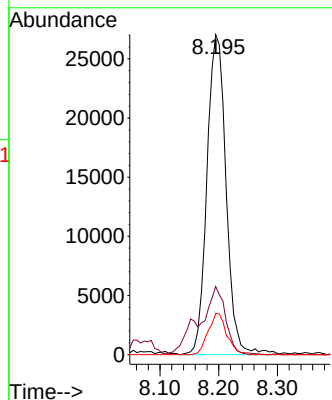
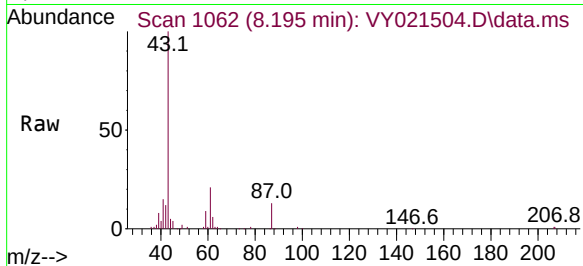




#43
Isopropyl Acetate
Concen: 25.639 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

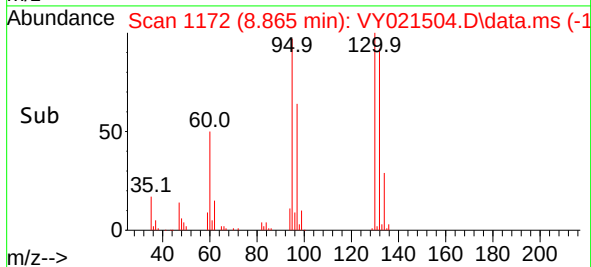
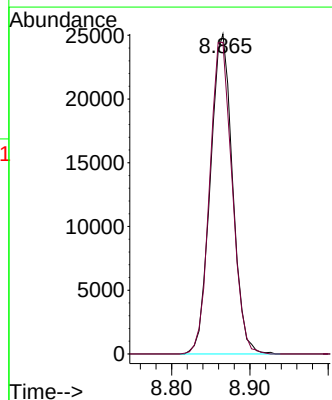
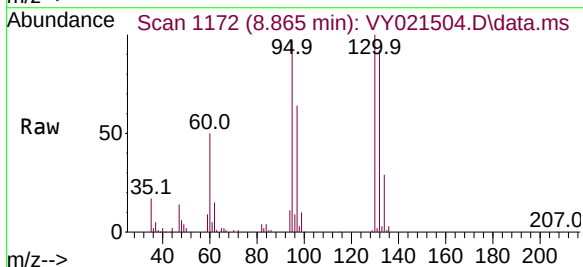
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

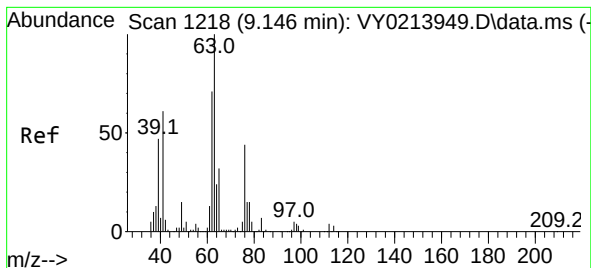
Tgt Ion: 43 Resp: 61325
Ion Ratio Lower Upper
43 100
61 21.4 23.4 35.0#
87 12.4 10.5 15.7



#44
Trichloroethene
Concen: 23.771 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:130 Resp: 49328
Ion Ratio Lower Upper
130 100
95 97.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 25.160 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

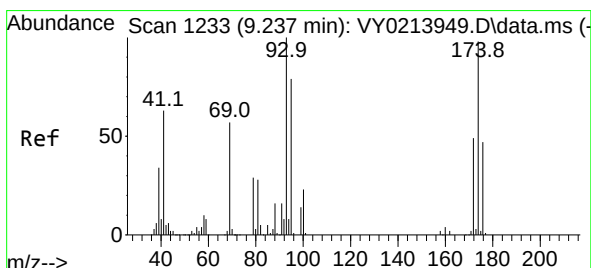
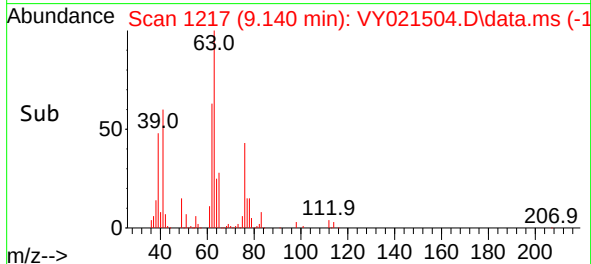
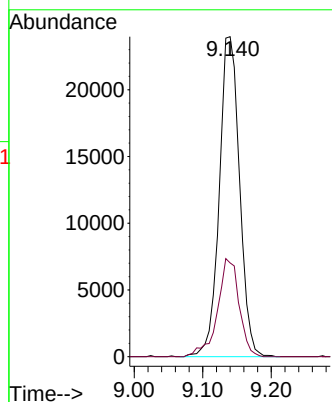
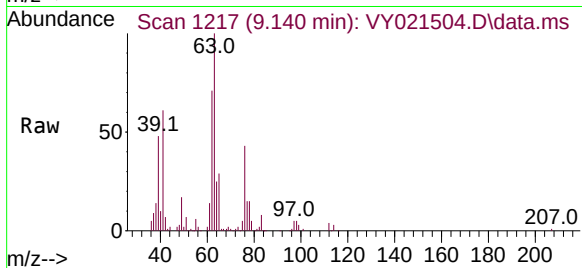
VY0312SBS02

Tgt Ion: 63 Resp: 49174

Ion Ratio Lower Upper

63 100

65 29.3 26.0 39.0



#46

Dibromomethane

Concen: 24.870 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

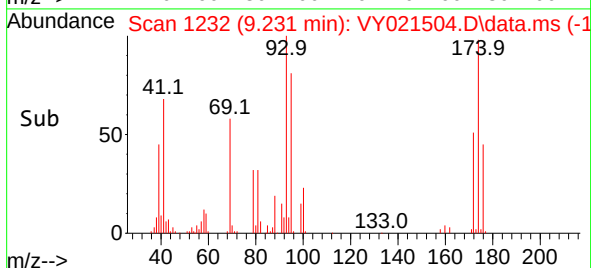
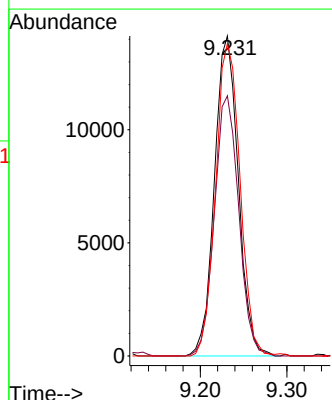
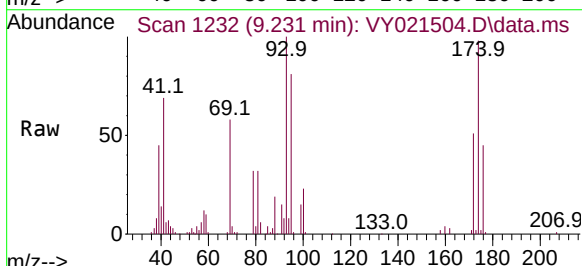
Tgt Ion: 93 Resp: 27046

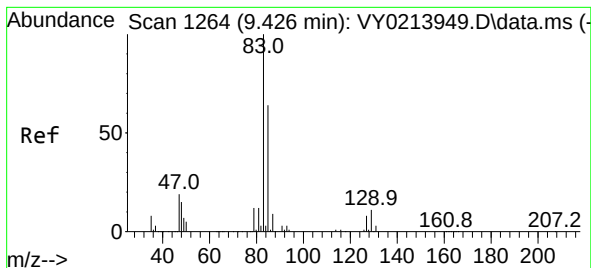
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 100.1 77.9 116.9





#47

Bromodichloromethane

Concen: 24.786 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

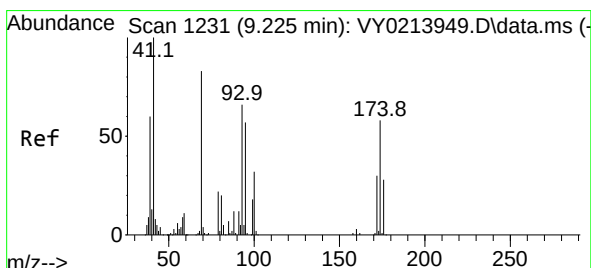
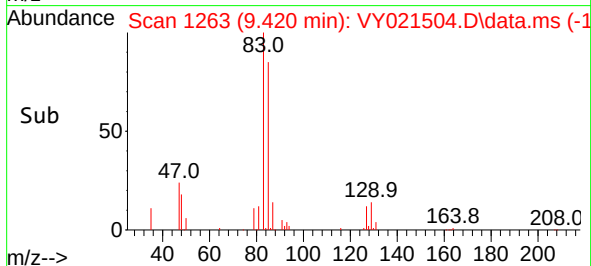
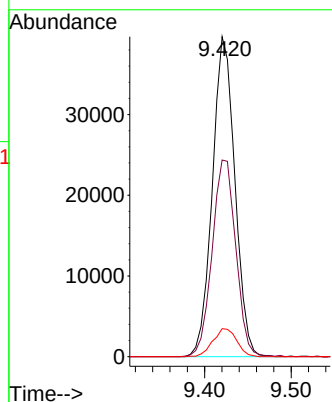
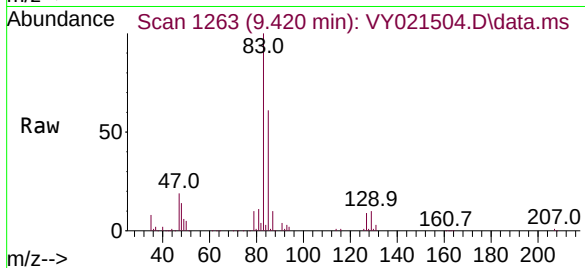
Tgt Ion: 83 Resp: 71581

Ion Ratio Lower Upper

83 100

85 61.5 51.1 76.7

127 8.8 6.7 10.1



#48

Methyl methacrylate

Concen: 24.346 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

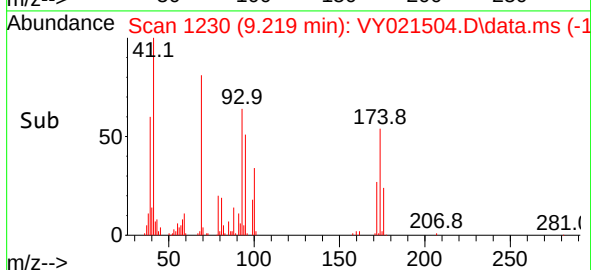
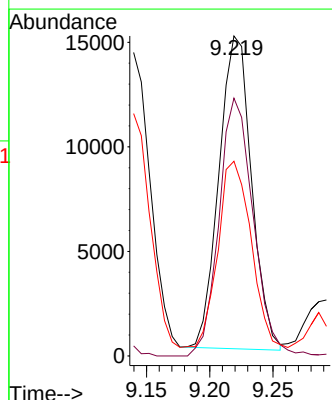
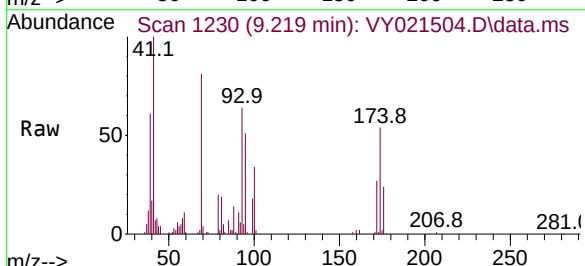
Tgt Ion: 41 Resp: 26740

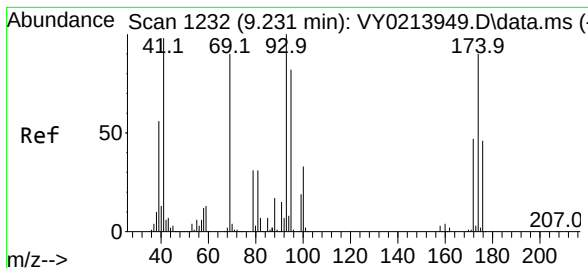
Ion Ratio Lower Upper

41 100

69 86.8 67.8 101.8

39 61.4 46.4 69.6





#49

1,4-Dioxane

Concen: 585.444 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

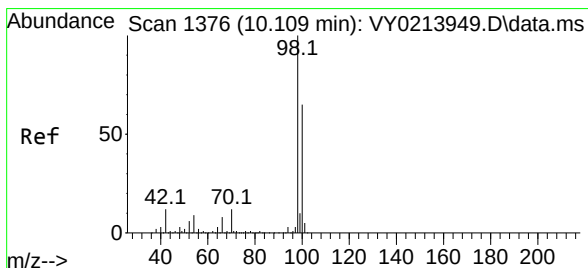
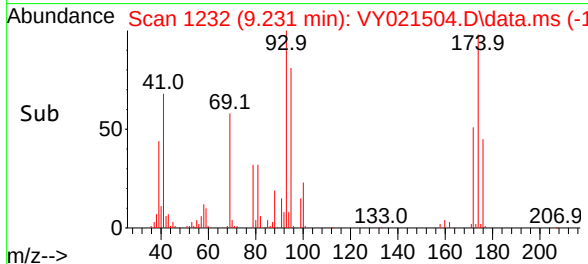
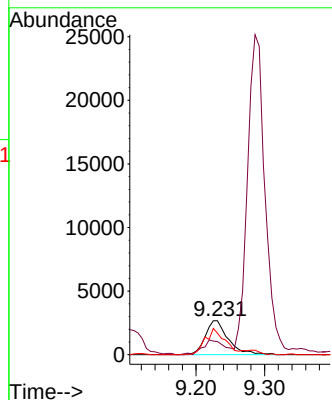
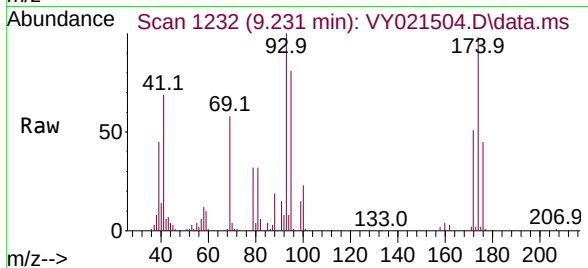
Tgt Ion: 88 Resp: 6249

Ion Ratio Lower Upper

88 100

43 39.6 25.0 37.4#

58 65.4 58.4 87.6



#50

Toluene-d8

Concen: 48.110 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021504.D

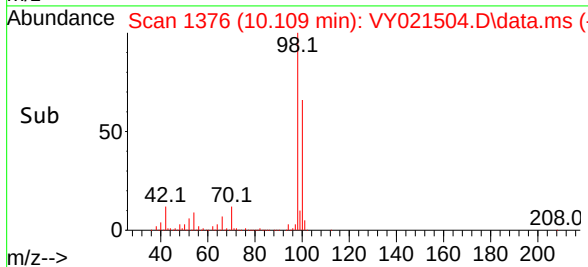
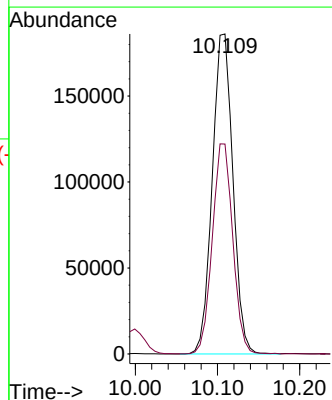
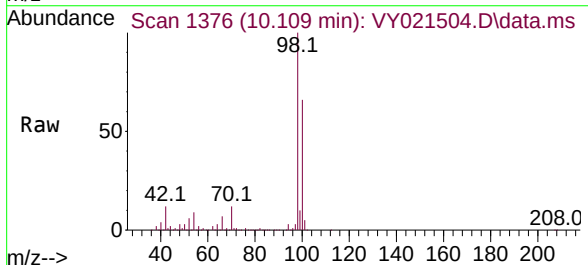
Acq: 12 Mar 2025 12:49

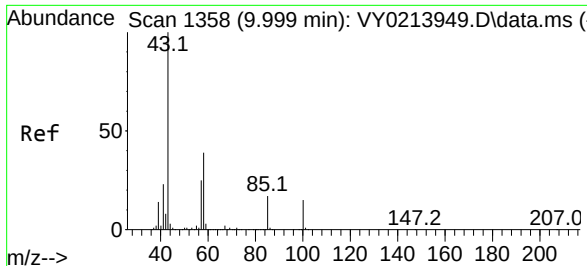
Tgt Ion: 98 Resp: 324414

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

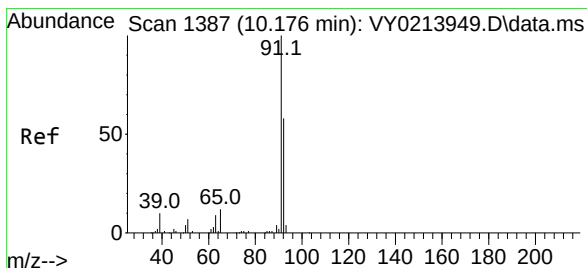
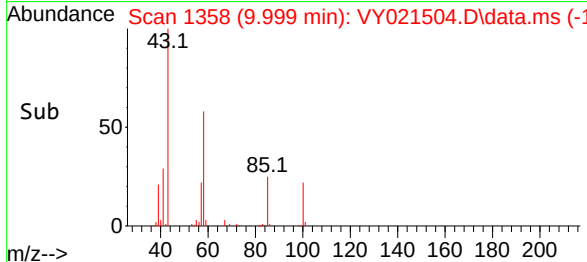
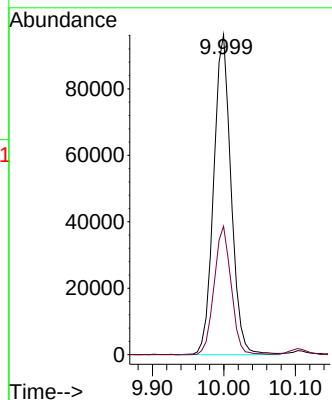
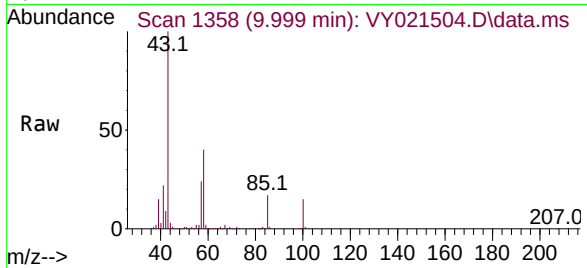




#51
4-Methyl-2-Pentanone
Concen: 131.727 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

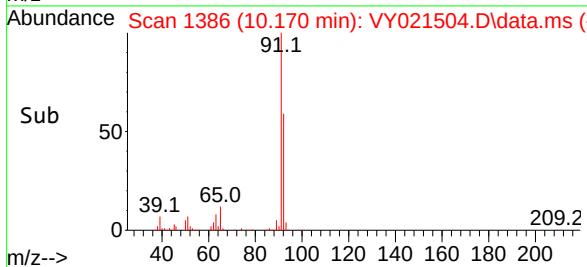
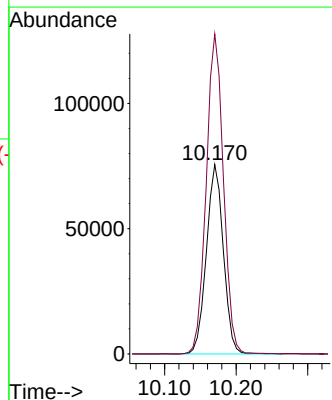
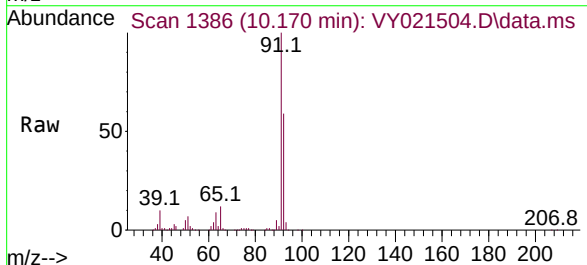
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

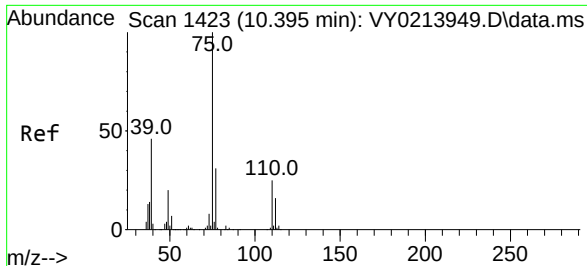
Tgt Ion: 43 Resp: 162568
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 24.062 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 92 Resp: 124579
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2

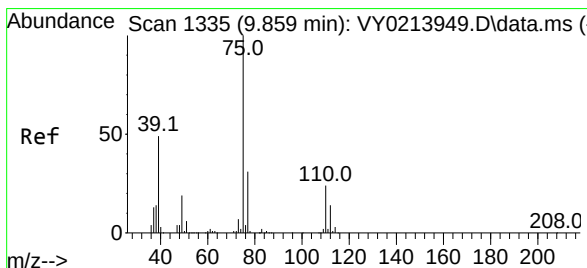
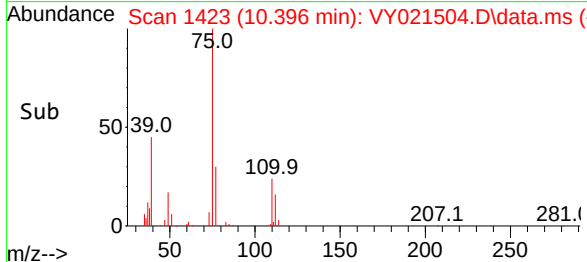
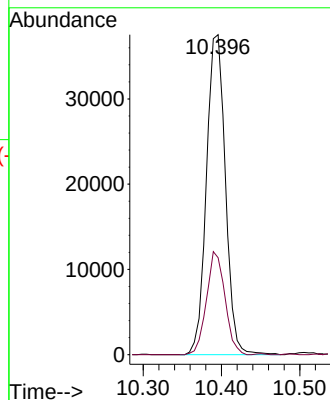
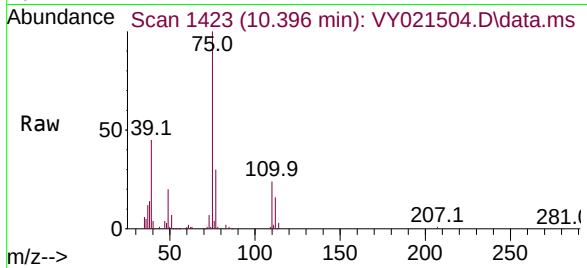




#53
 t-1,3-Dichloropropene
 Concen: 24.768 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

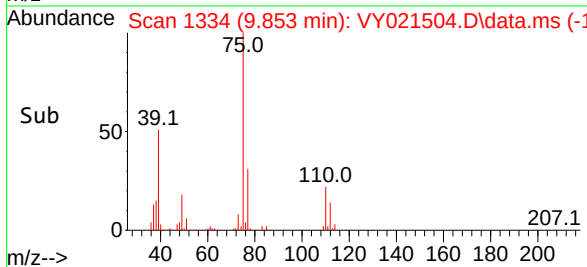
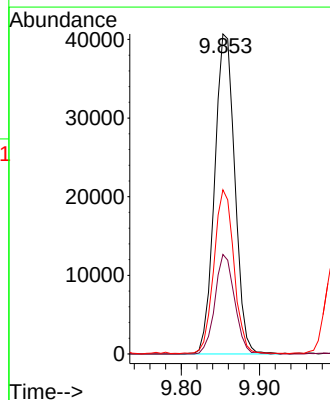
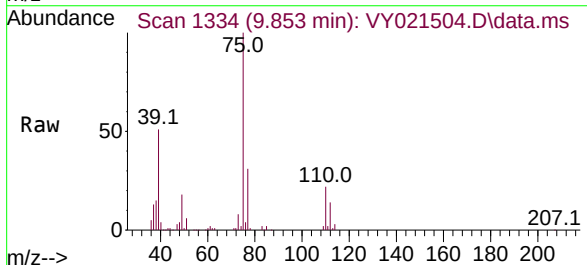
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

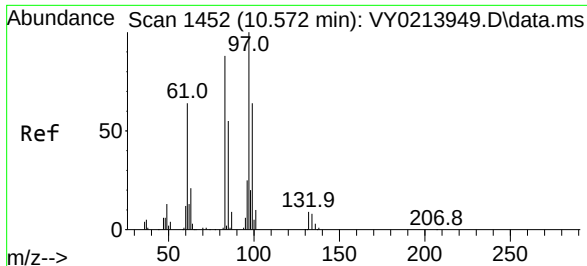
Tgt Ion: 75 Resp: 63019
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 24.120 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

Tgt Ion: 75 Resp: 72864
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 51.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 25.247 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

Tgt Ion: 97 Resp: 35914

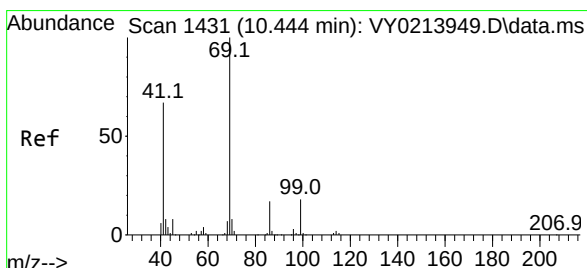
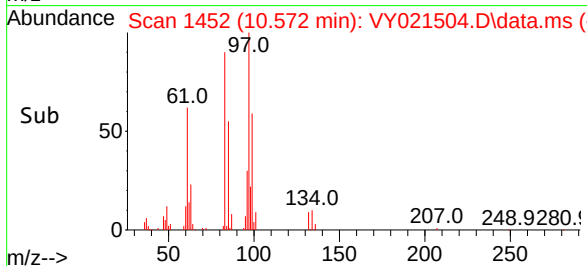
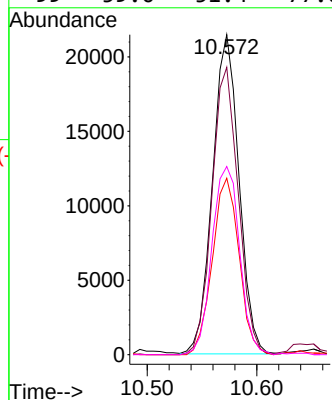
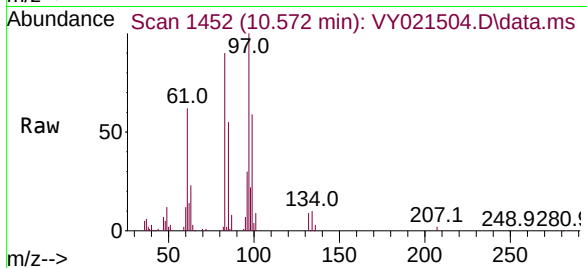
Ion Ratio Lower Upper

97 100

83 90.1 70.0 105.0

85 55.4 44.3 66.5

99 59.0 51.4 77.0



#56

Ethyl methacrylate

Concen: 24.947 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

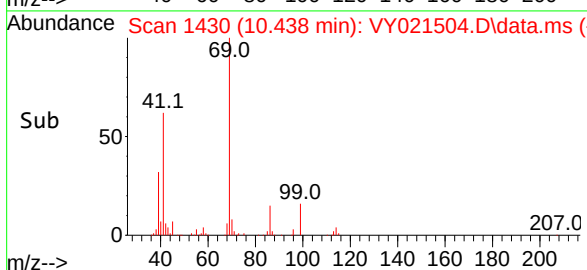
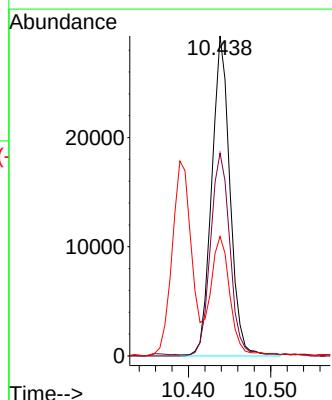
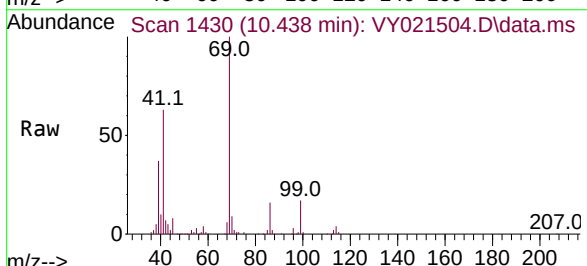
Tgt Ion: 69 Resp: 45260

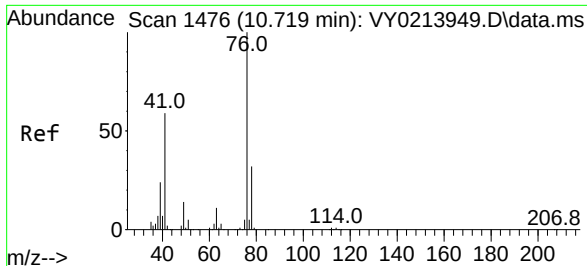
Ion Ratio Lower Upper

69 100

41 66.1 53.3 79.9

39 40.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 24.839 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

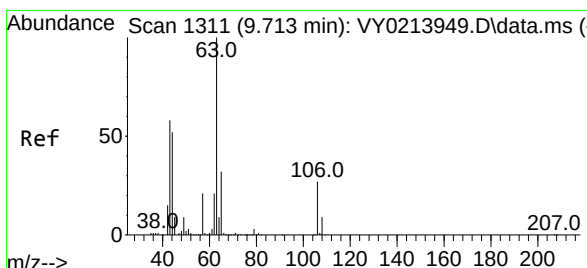
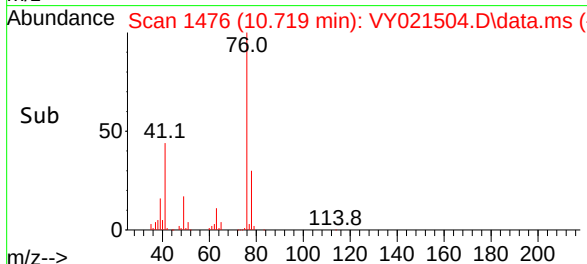
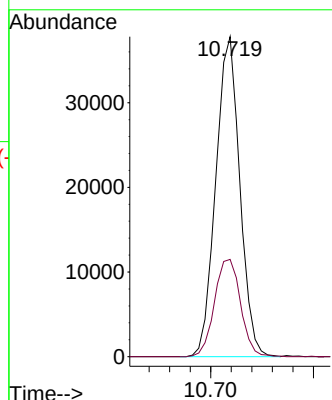
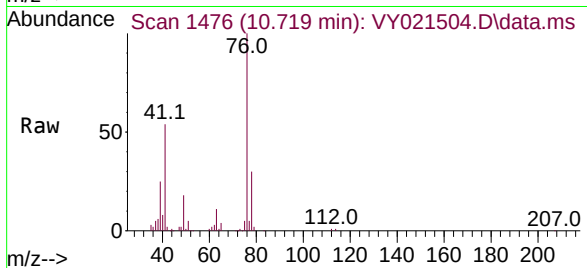
VY0312SBS02

Tgt Ion: 76 Resp: 61240

Ion Ratio Lower Upper

76 100

78 33.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 130.766 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021504.D

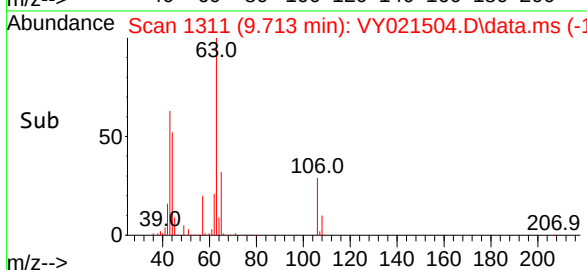
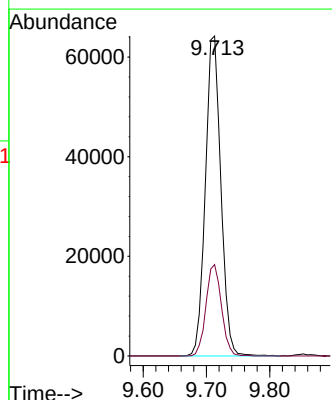
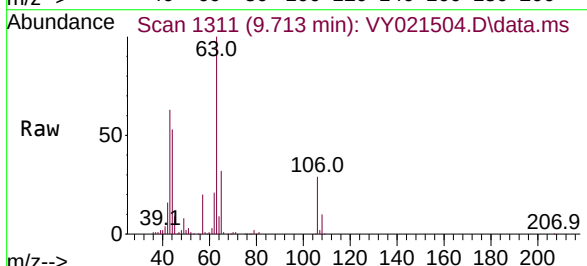
Acq: 12 Mar 2025 12:49

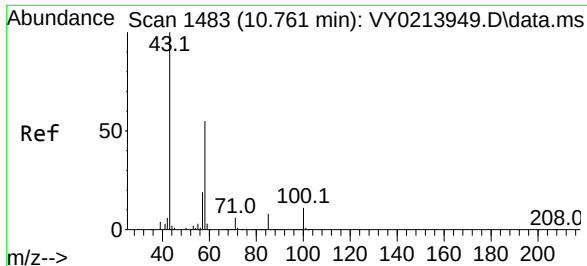
Tgt Ion: 63 Resp: 109516

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1





#59

2-Hexanone

Concen: 128.597 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

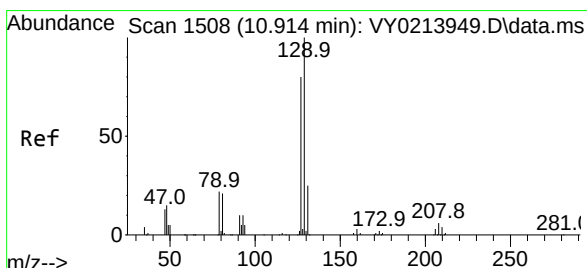
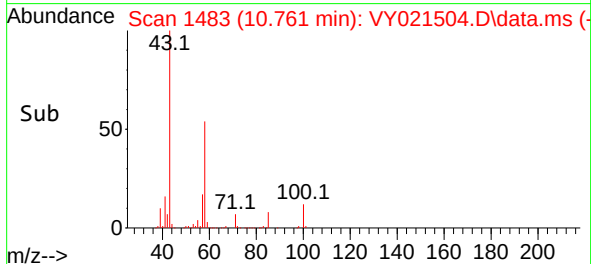
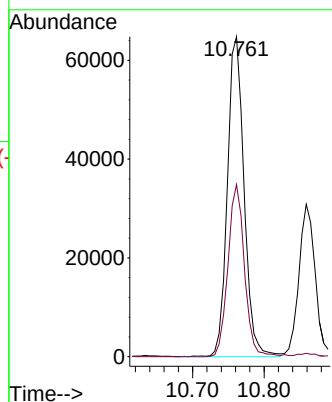
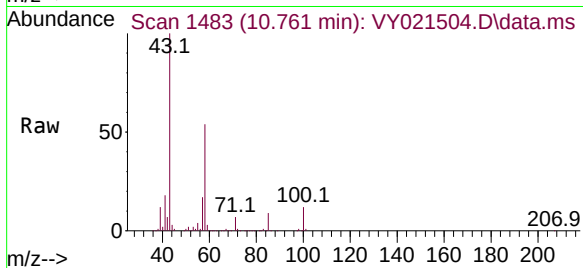
VY0312SBS02

Tgt Ion: 43 Resp: 104940

Ion Ratio Lower Upper

43 100

58 53.0 27.3 81.8



#60

Dibromochloromethane

Concen: 24.662 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY021504.D

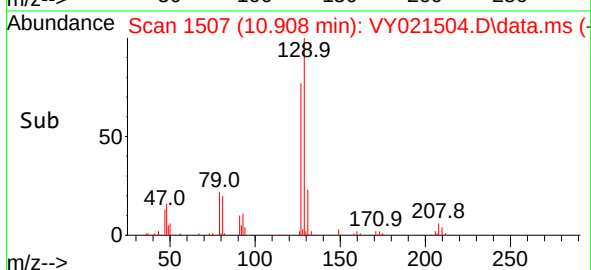
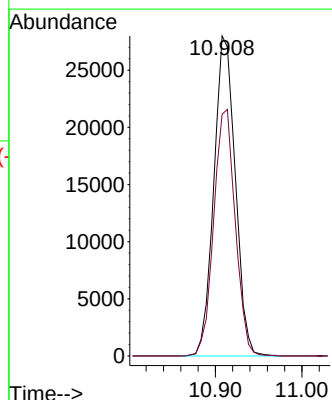
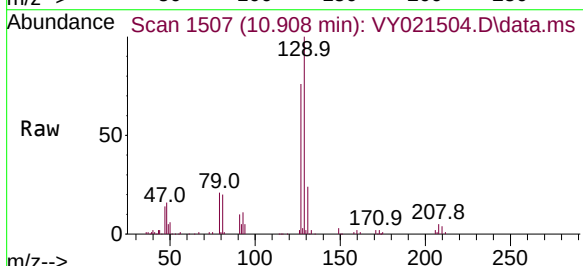
Acq: 12 Mar 2025 12:49

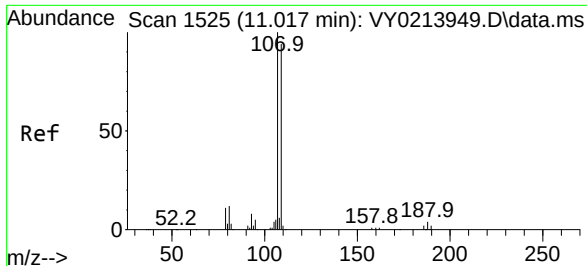
Tgt Ion: 129 Resp: 48095

Ion Ratio Lower Upper

129 100

127 77.6 39.1 117.3

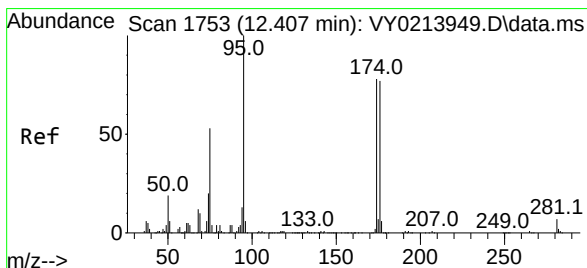
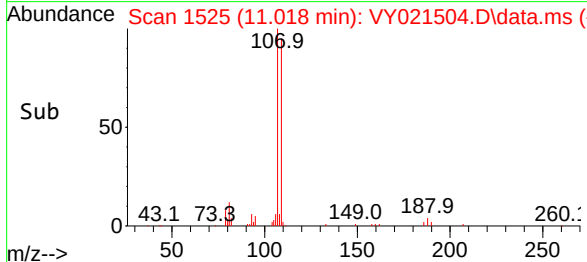
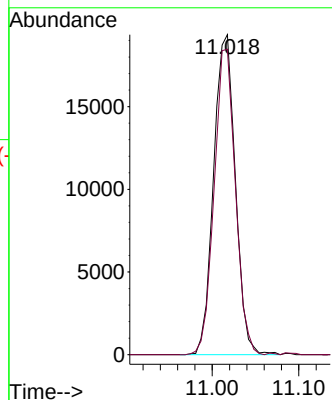
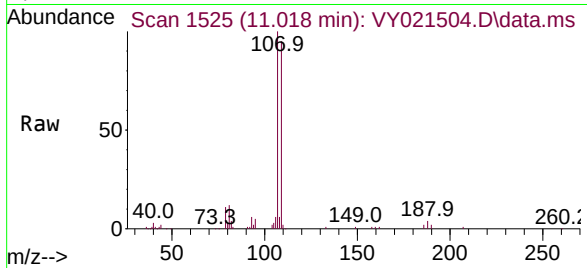




#61
1,2-Dibromoethane
Concen: 25.102 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

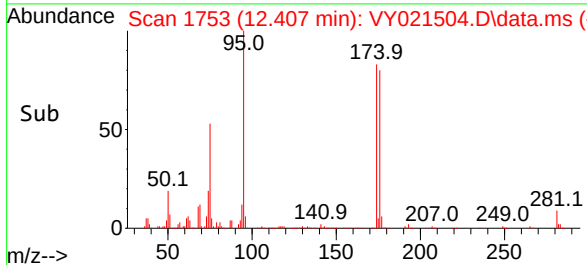
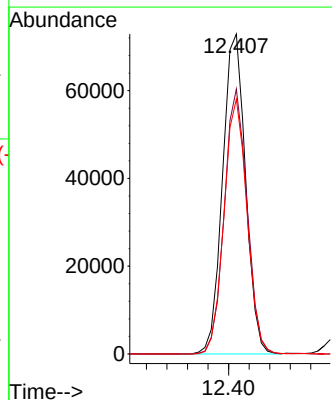
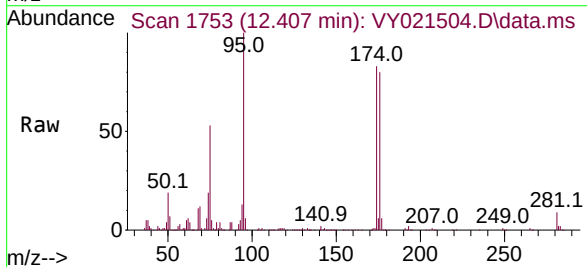
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

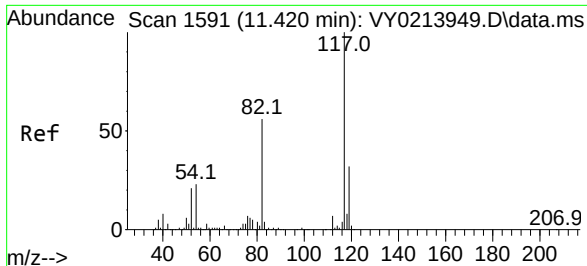
Tgt Ion:107 Resp: 33701
Ion Ratio Lower Upper
107 100
109 93.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.182 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 95 Resp: 112812
Ion Ratio Lower Upper
95 100
174 82.1 0.0 165.0
176 79.8 0.0 160.0

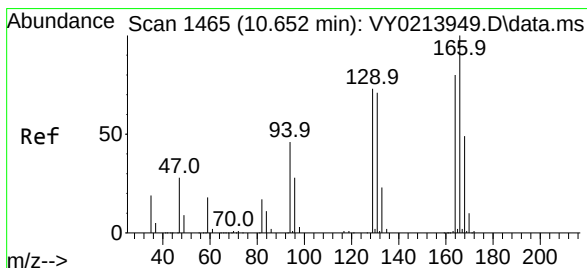
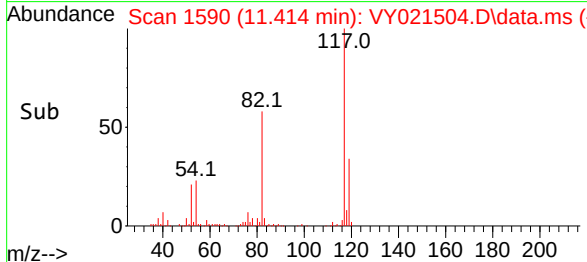
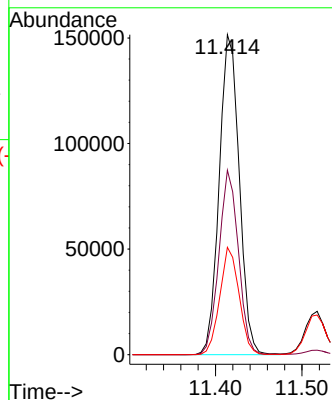
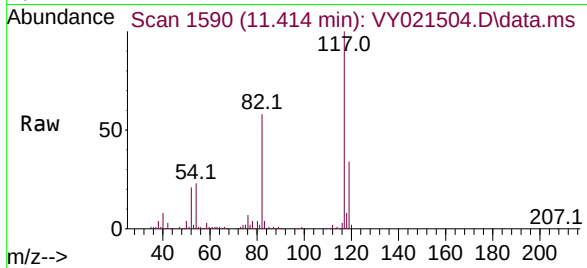




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

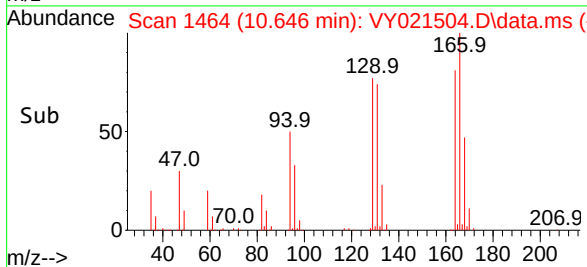
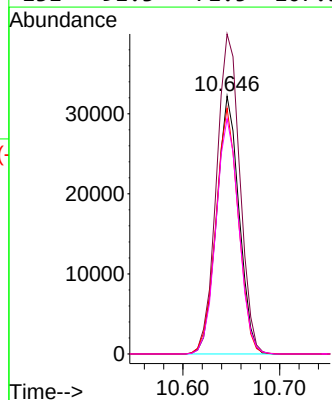
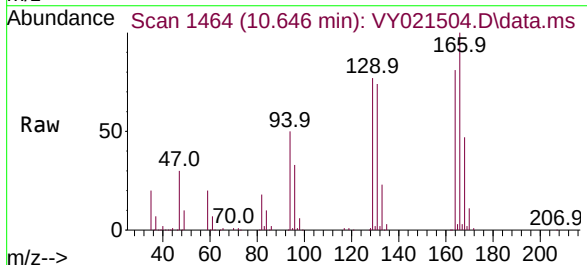
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

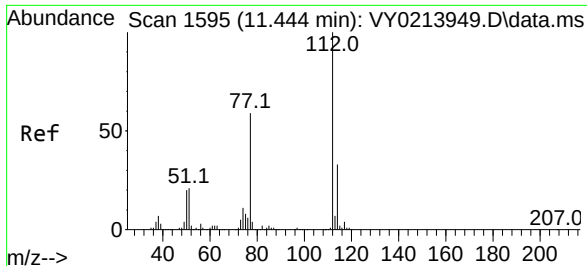
Tgt Ion:117 Resp: 243681
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 33.6 25.4 38.0



#64
Tetrachloroethene
Concen: 26.138 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:164 Resp: 51793
Ion Ratio Lower Upper
164 100
166 124.2 100.4 150.6
129 95.4 73.8 110.8
131 91.3 71.5 107.3

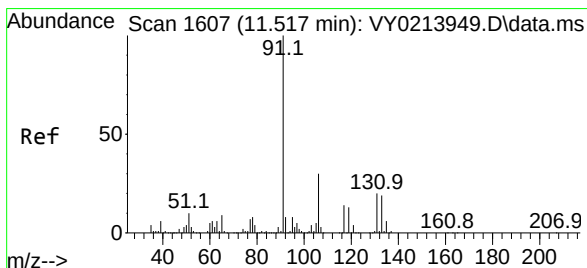
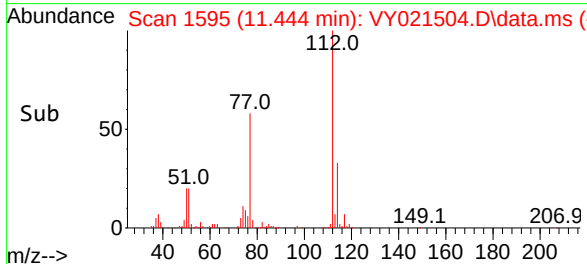
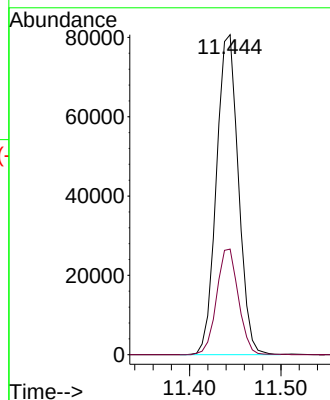
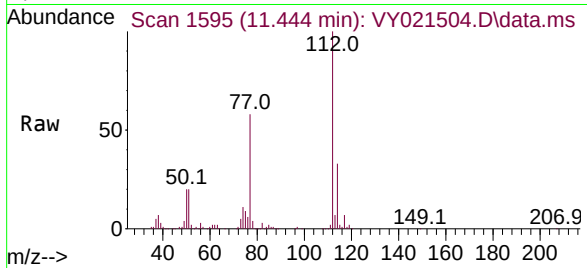




#65
Chlorobenzene
Concen: 23.419 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

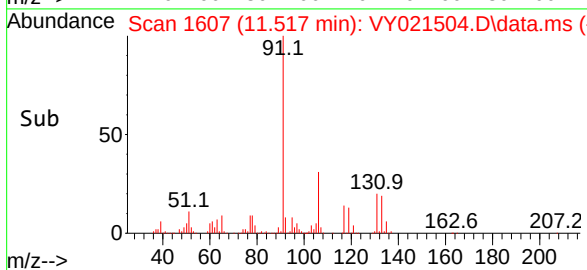
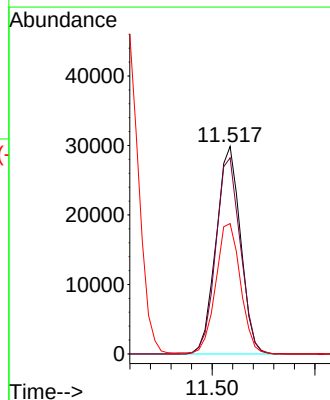
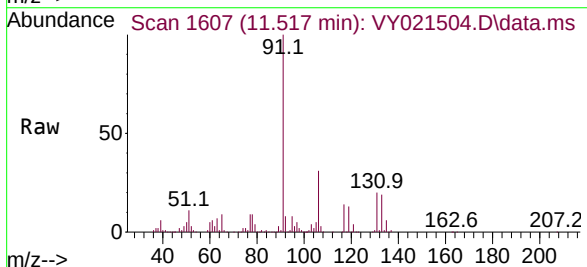
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

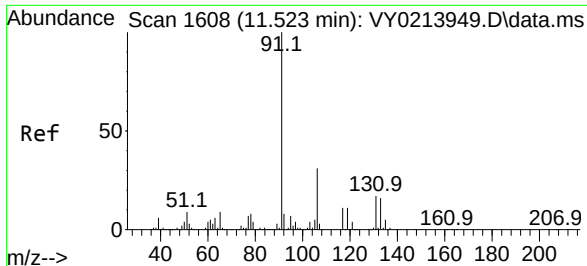
Tgt Ion:112 Resp: 134760
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 24.208 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:131 Resp: 49250
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.9
119 63.8 32.3 96.9





#67

Ethyl Benzene

Concen: 22.437 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

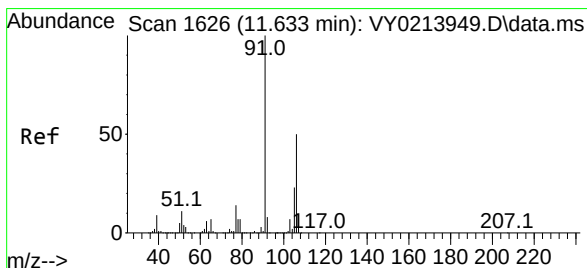
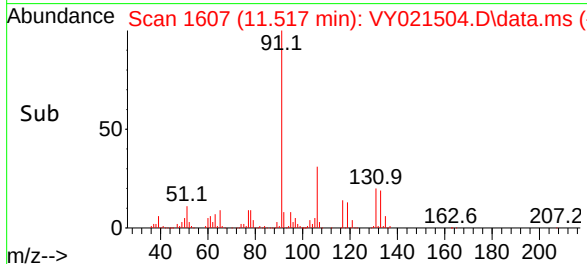
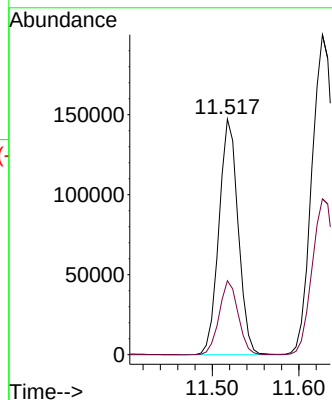
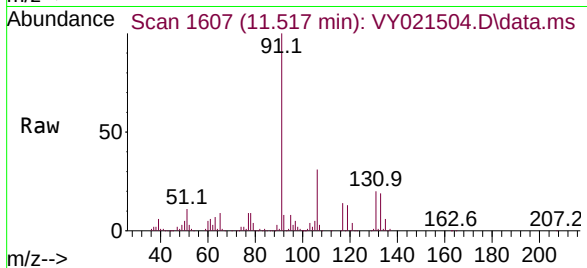
VY0312SBS02

Tgt Ion: 91 Resp: 226613

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 46.283 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021504.D

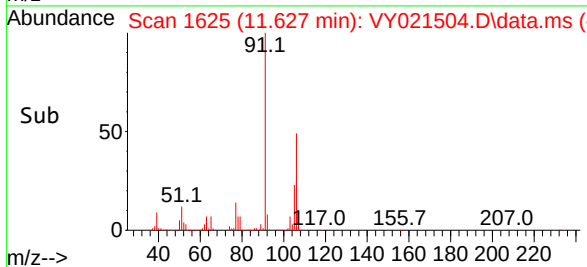
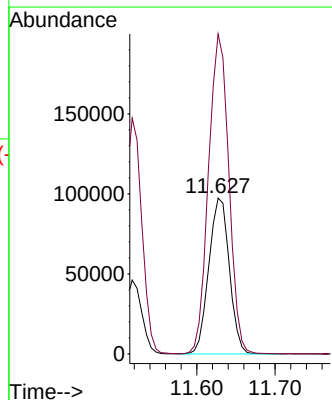
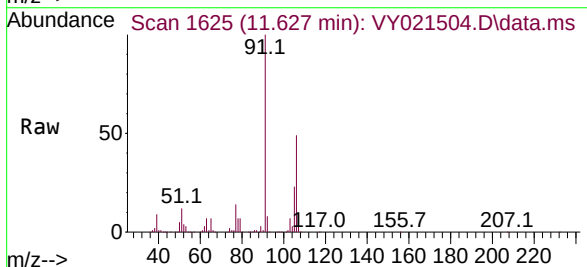
Acq: 12 Mar 2025 12:49

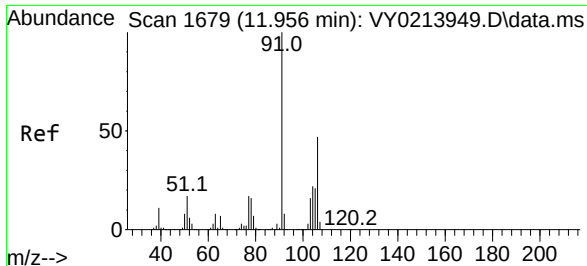
Tgt Ion: 106 Resp: 177473

Ion Ratio Lower Upper

106 100

91 203.2 161.7 242.5





#69

o-Xylene

Concen: 22.968 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

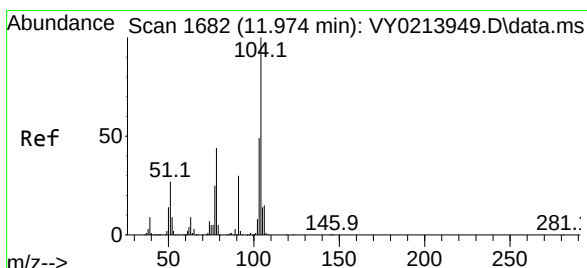
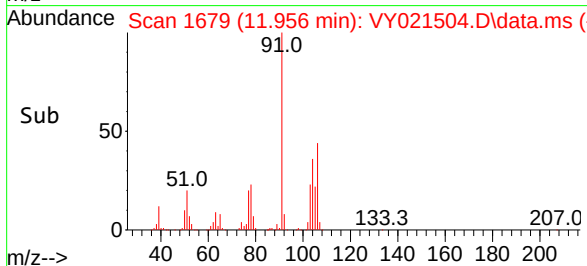
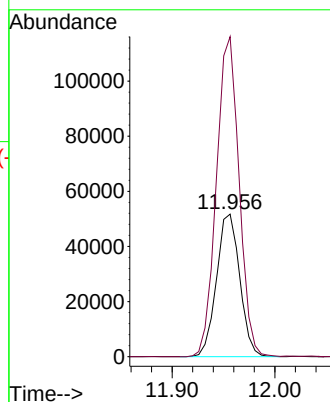
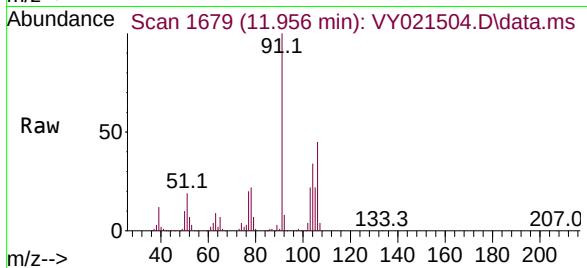
VY0312SBS02

Tgt Ion:106 Resp: 81170

Ion Ratio Lower Upper

106 100

91 219.6 107.6 322.8



#70

Styrene

Concen: 23.798 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

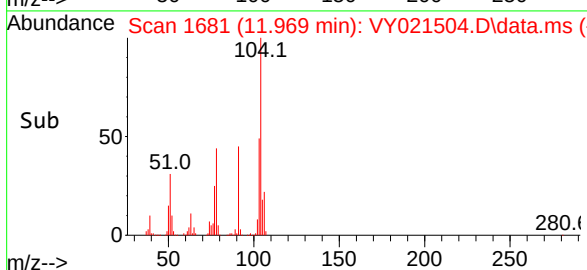
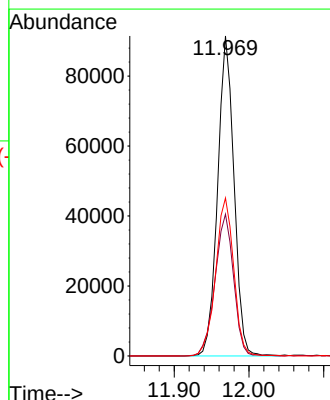
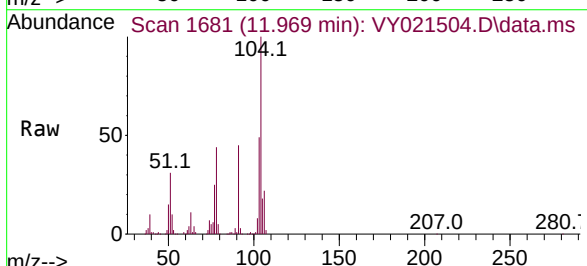
Tgt Ion:104 Resp: 139521

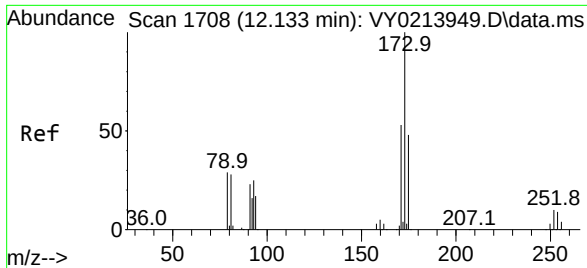
Ion Ratio Lower Upper

104 100

78 50.1 40.7 61.1

103 54.7 44.1 66.1

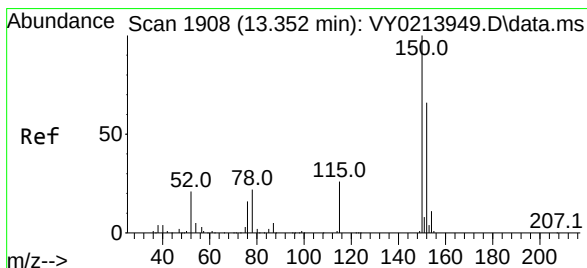
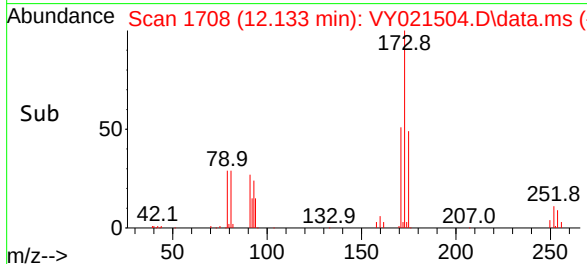
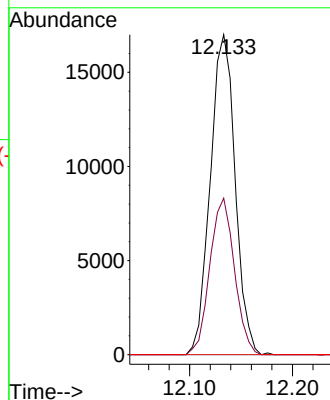
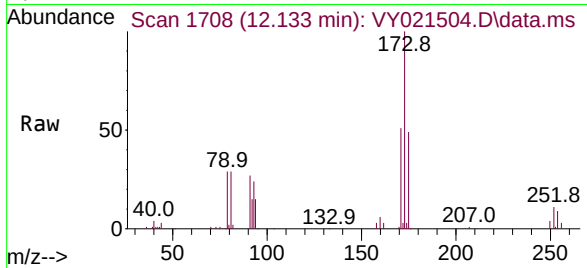




#71
Bromoform
Concen: 25.093 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

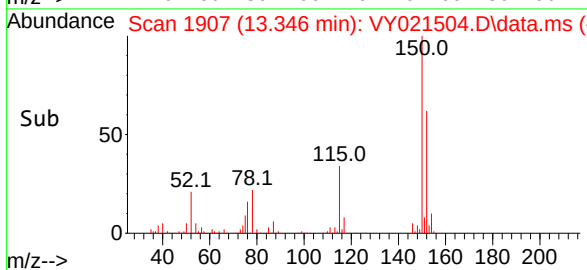
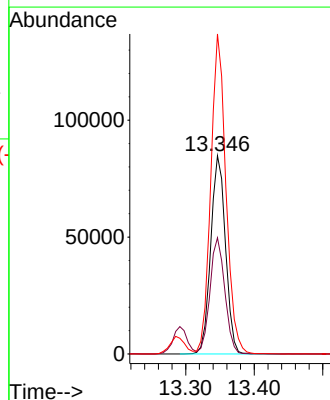
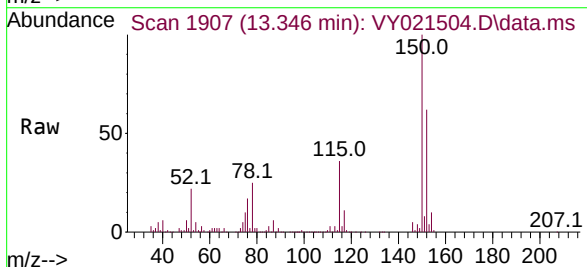
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

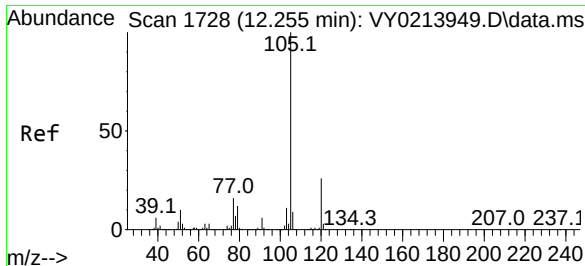
Tgt Ion:173 Resp: 28538
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:152 Resp: 126839
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.0
150 166.1 0.0 347.2

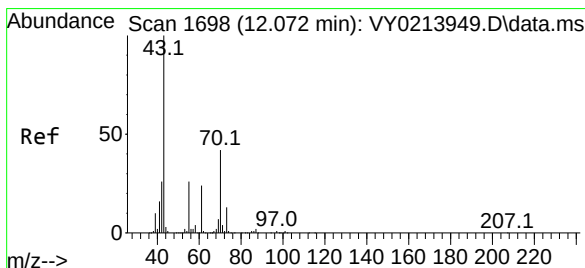
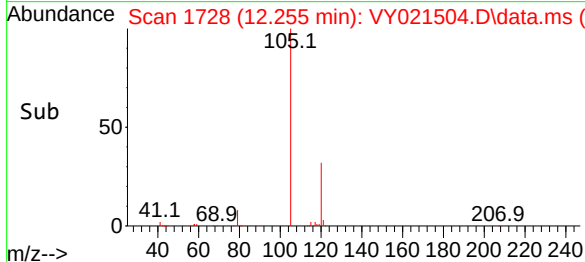
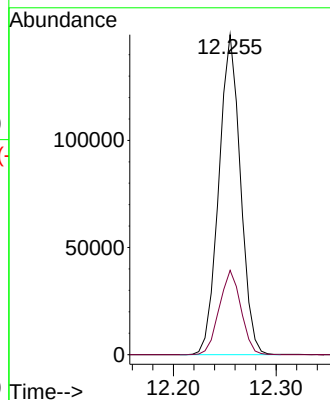
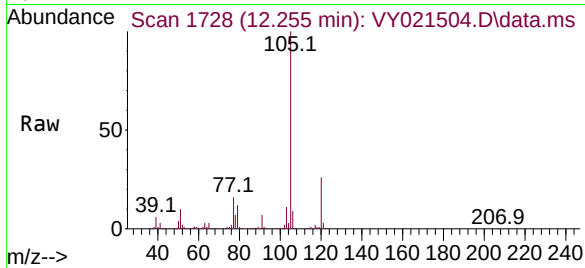




#73
Isopropylbenzene
Concen: 21.800 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

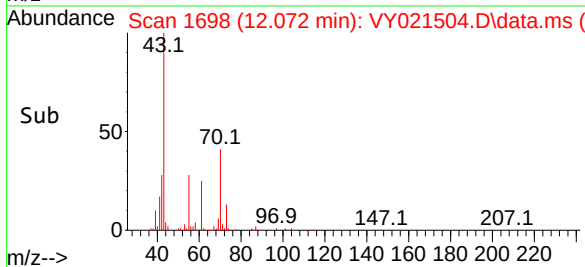
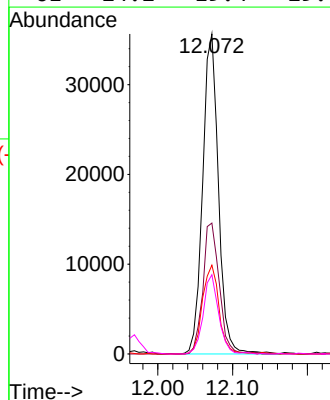
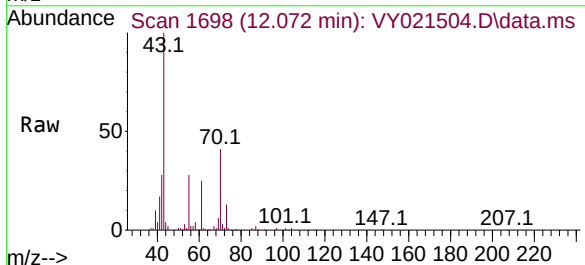
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

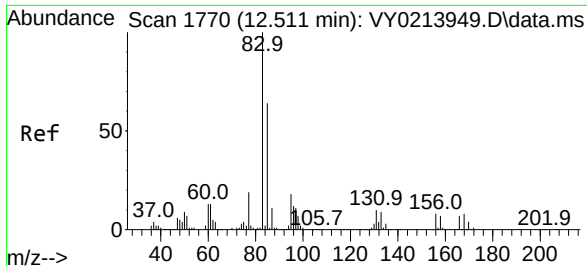
Tgt Ion:105 Resp: 217811
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 24.129 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 43 Resp: 52356
Ion Ratio Lower Upper
43 100
70 42.4 34.6 51.8
55 29.2 21.1 31.7
61 24.2 19.4 29.0

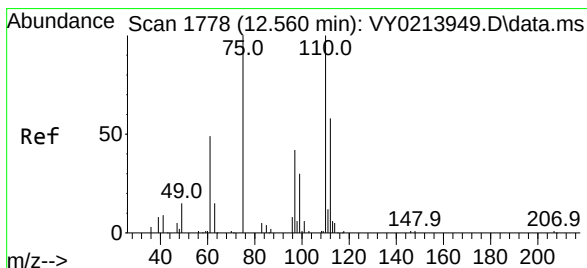
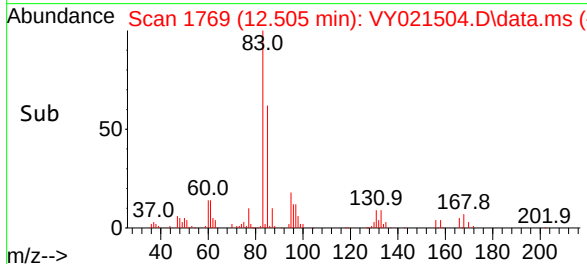
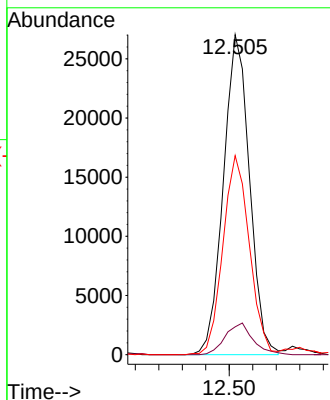
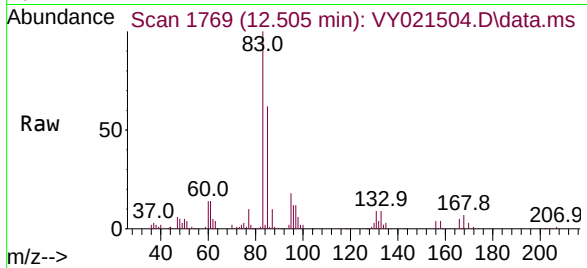




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.696 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

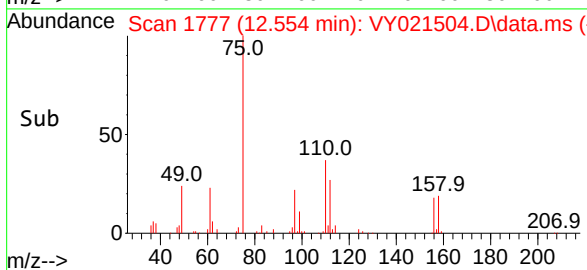
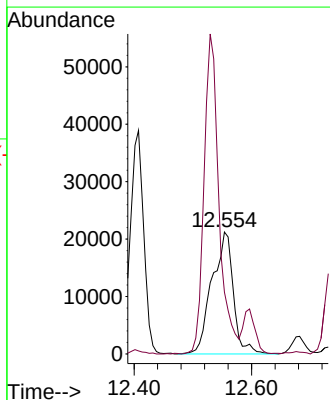
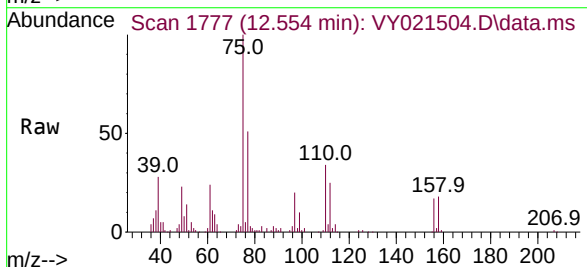
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

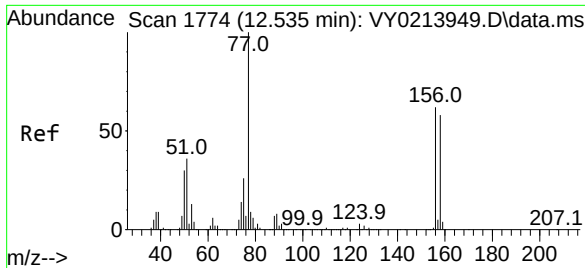
Tgt Ion: 83 Resp: 41779
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 63.0 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 41.970 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

Tgt Ion: 75 Resp: 53644
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

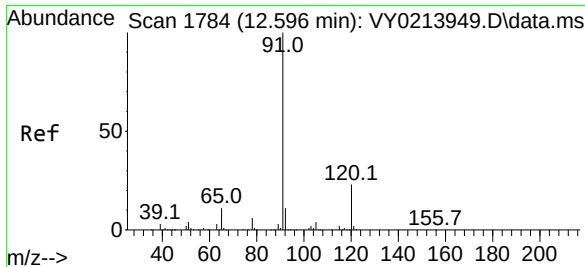
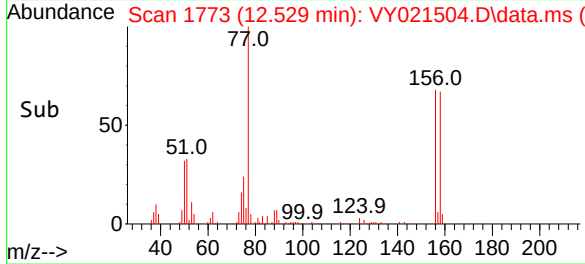
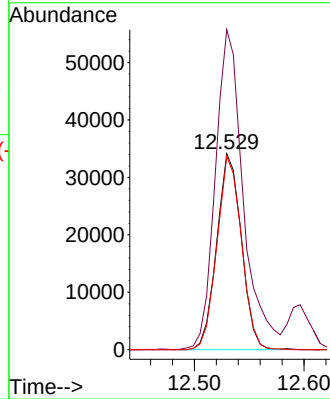
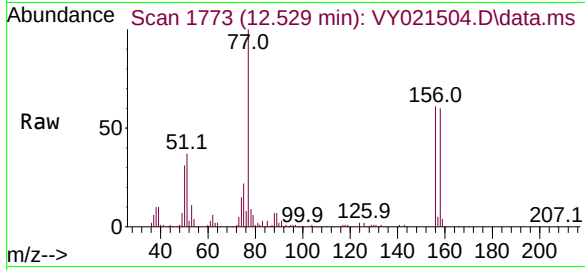




#77
Bromobenzene
Concen: 22.783 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

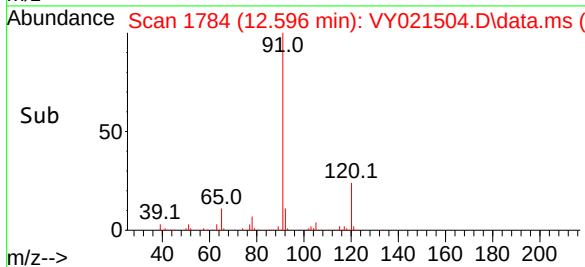
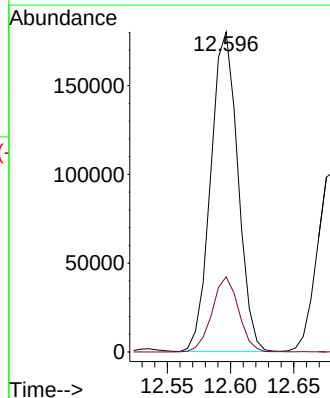
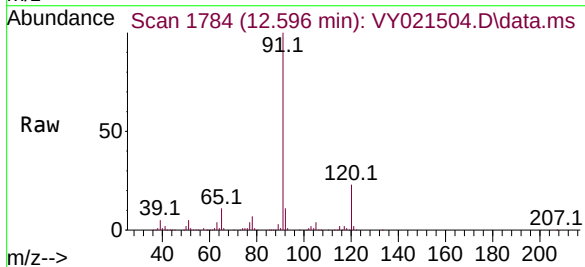
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

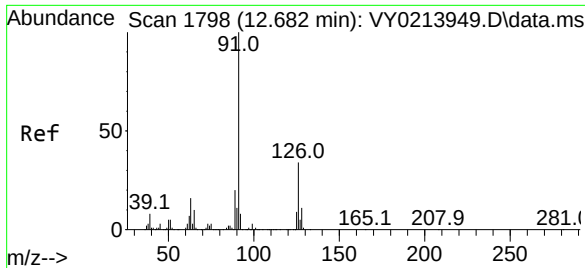
Tgt Ion:156 Resp: 53255
Ion Ratio Lower Upper
156 100
77 185.7 93.6 280.8
158 98.3 48.3 144.8



#78
n-propylbenzene
Concen: 22.141 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 91 Resp: 268666
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8

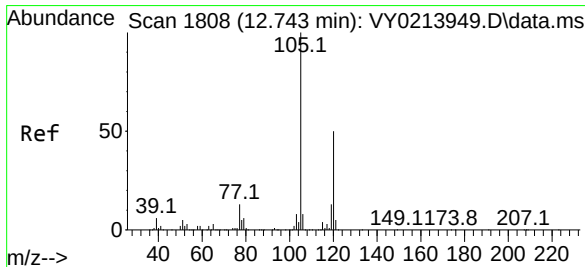
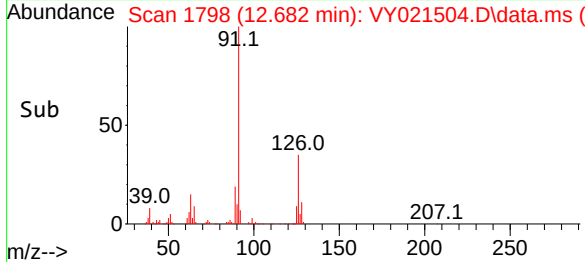
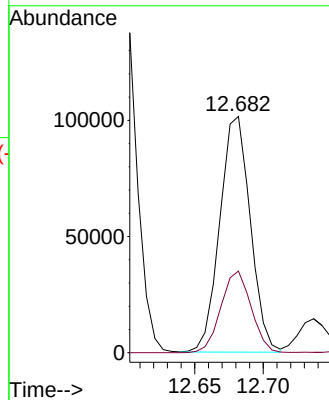
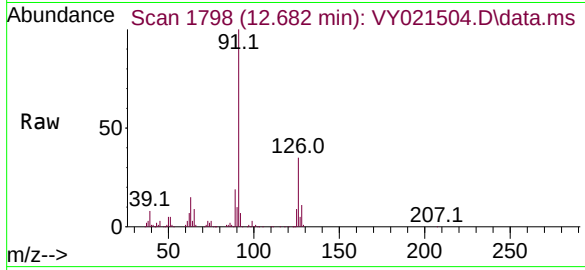




#79
2-Chlorotoluene
Concen: 22.696 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

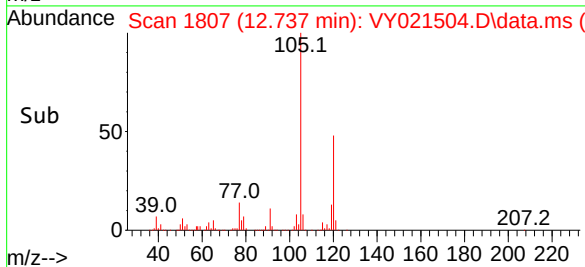
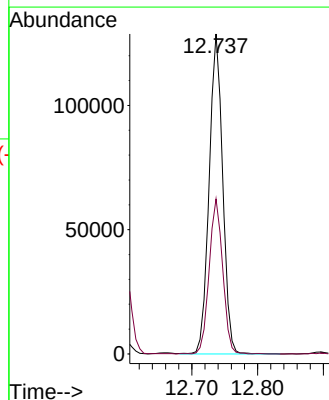
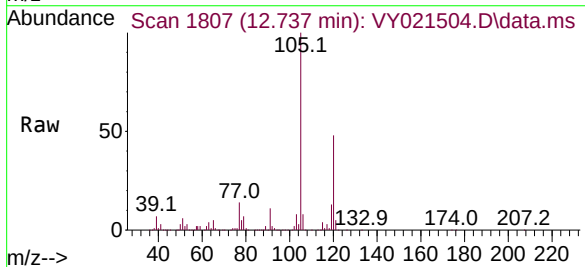
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

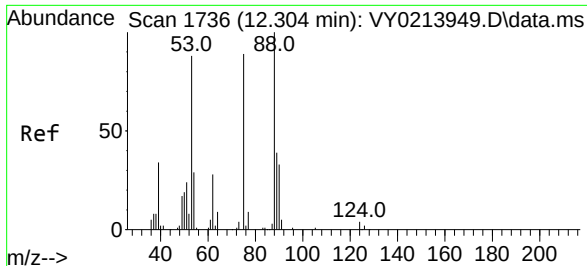
Tgt Ion: 91 Resp: 157470
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 22.727 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 105 Resp: 184539
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

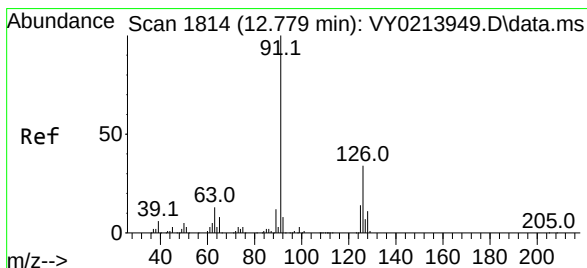
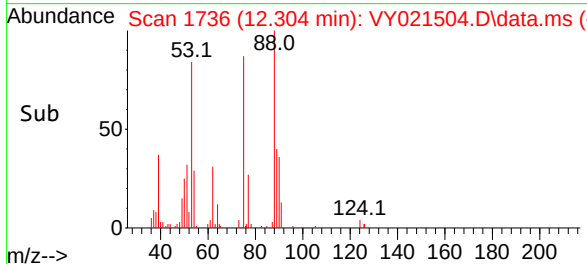
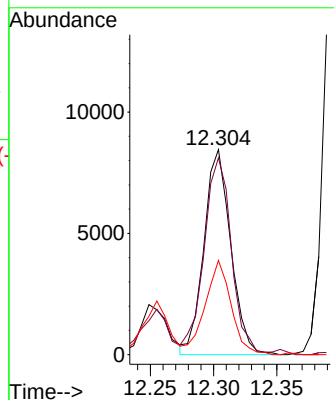
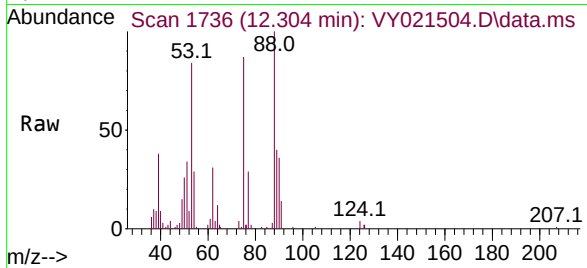




#81
trans-1,4-Dichloro-2-butene
Concen: 22.227 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

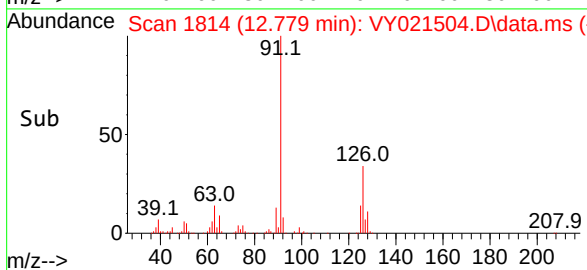
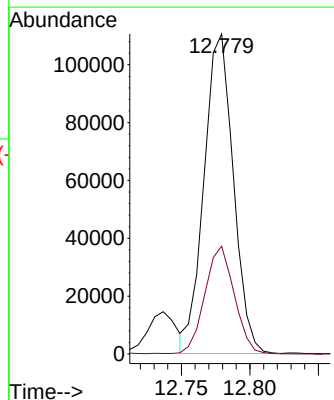
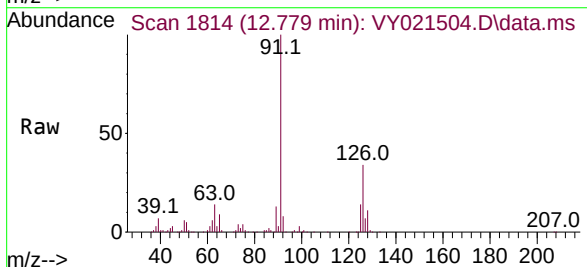
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

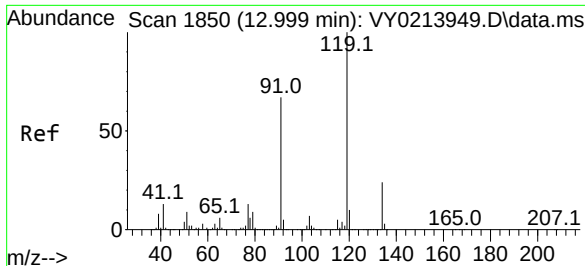
Tgt Ion:	75	Resp:	12497
Ion	Ratio	Lower	Upper
75	100		
53	95.7	81.0	121.4
89	44.7	36.9	55.3



#82
4-Chlorotoluene
Concen: 22.886 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:	91	Resp:	164432
Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	51.0

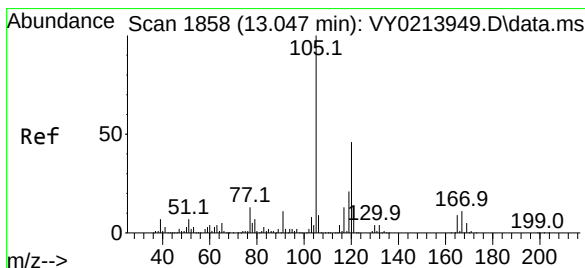
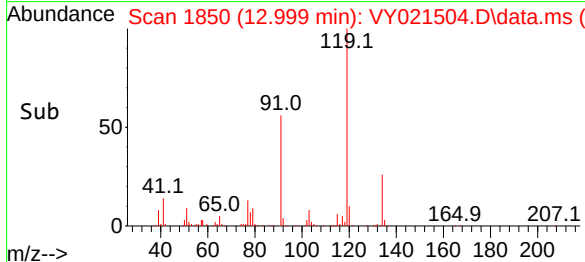
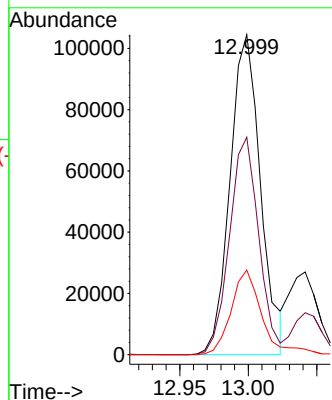
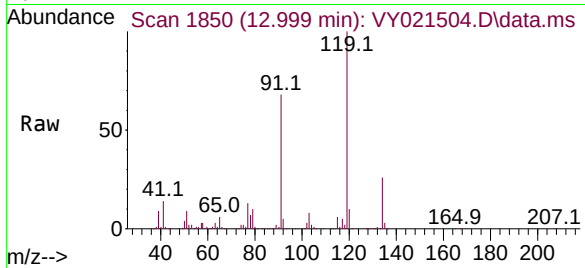




#83
 tert-Butylbenzene
 Concen: 22.354 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

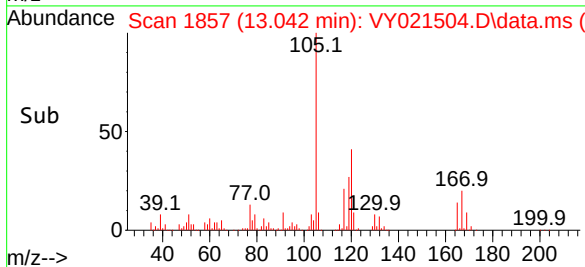
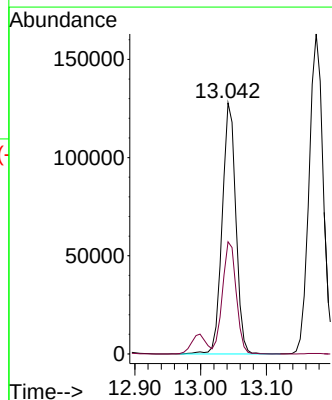
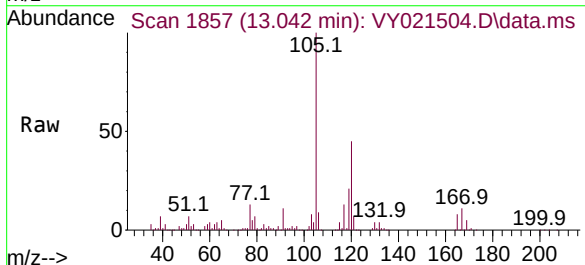
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

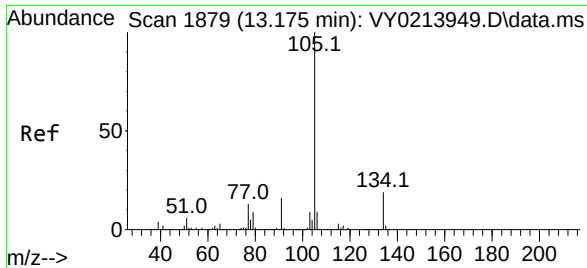
Tgt Ion:119 Resp: 161924
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.2 99.6
 134 26.7 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.971 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

Tgt Ion:105 Resp: 185186
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1

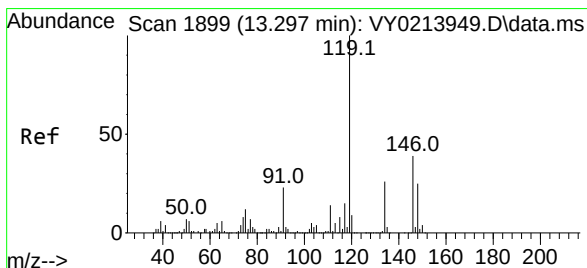
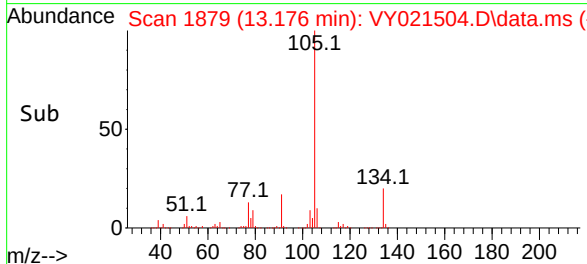
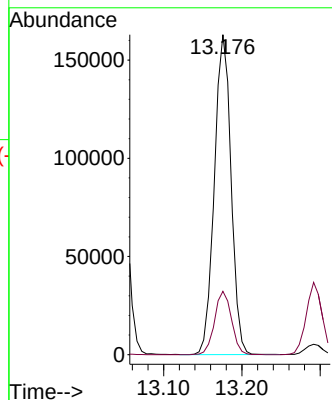
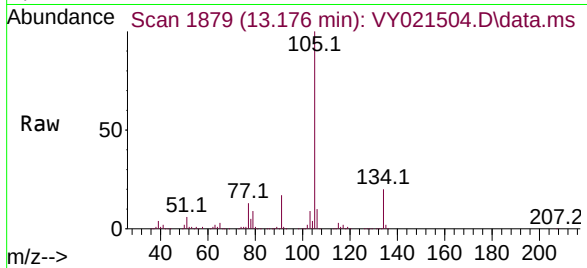




#85
 sec-Butylbenzene
 Concen: 22.399 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

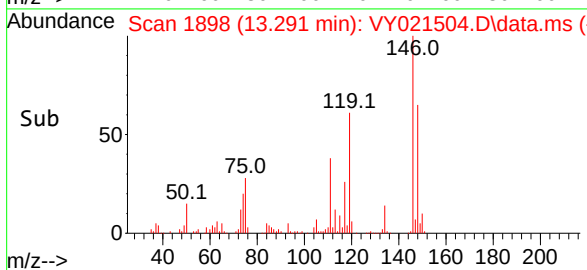
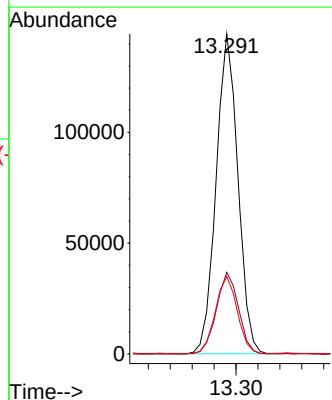
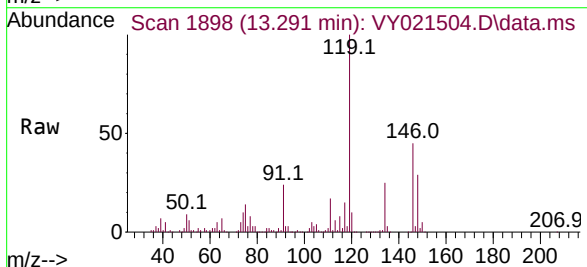
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

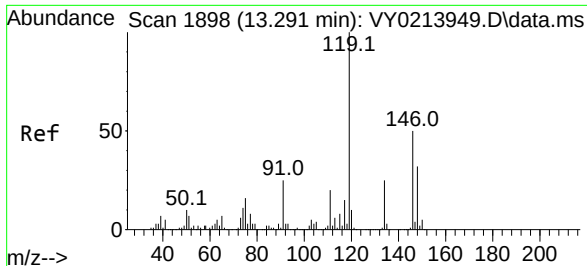
Tgt Ion:105 Resp: 241405
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 22.451 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

Tgt Ion:119 Resp: 199339
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 23.054 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

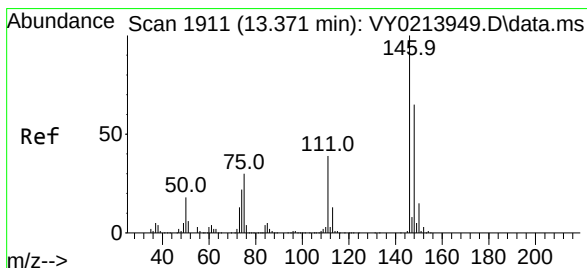
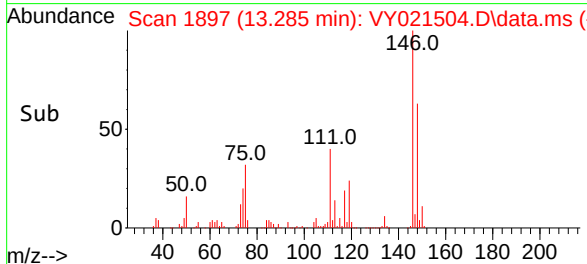
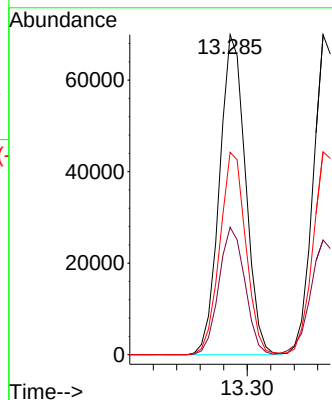
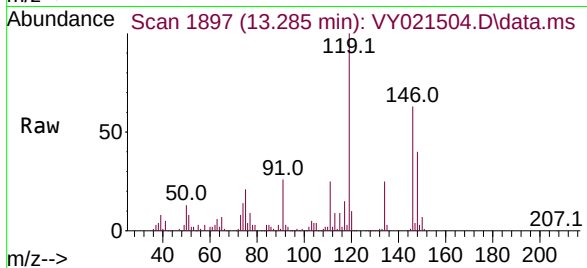
Tgt Ion:146 Resp: 107266

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 23.186 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

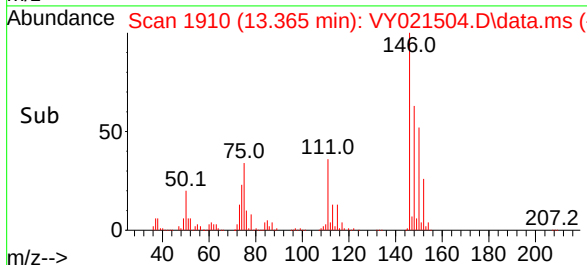
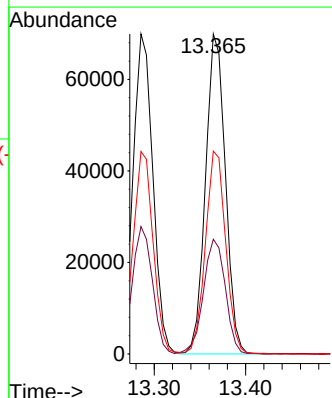
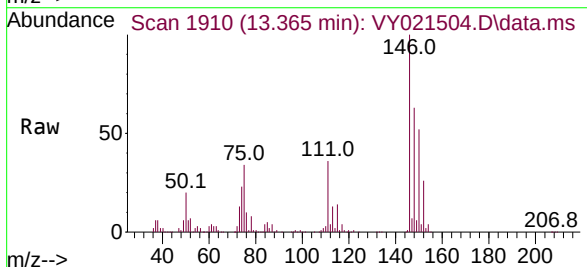
Tgt Ion:146 Resp: 105506

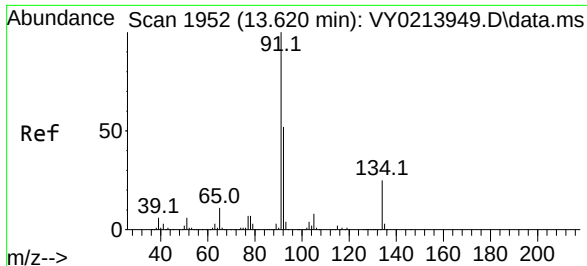
Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.8

148 64.8 32.3 96.8





#89

n-Butylbenzene

Concen: 22.170 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021504.D

Acq: 12 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBS02

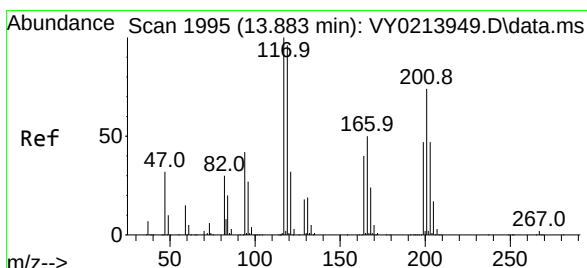
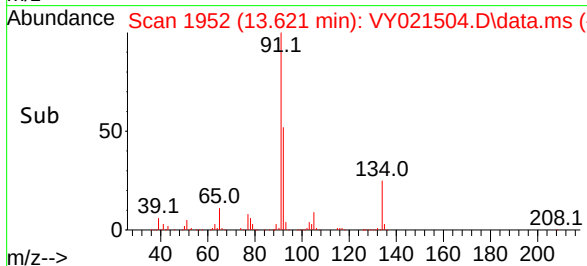
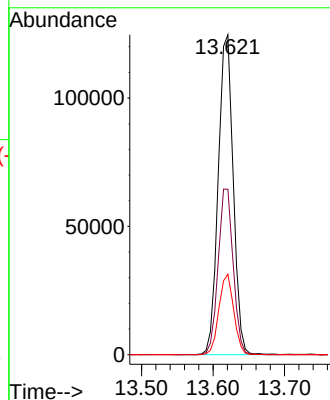
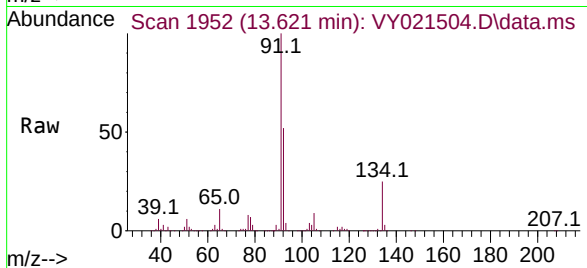
Tgt Ion: 91 Resp: 181762

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 23.009 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021504.D

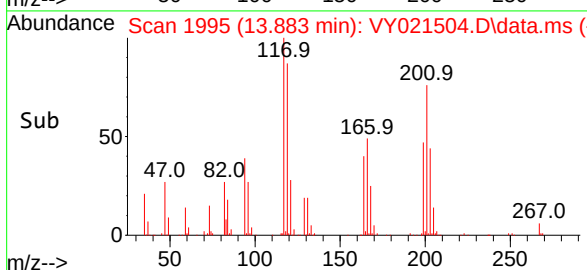
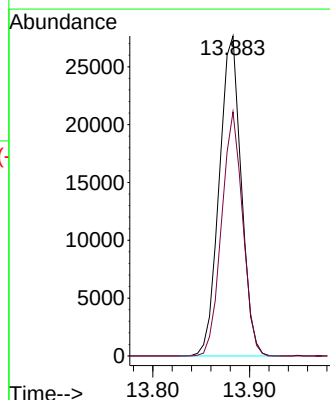
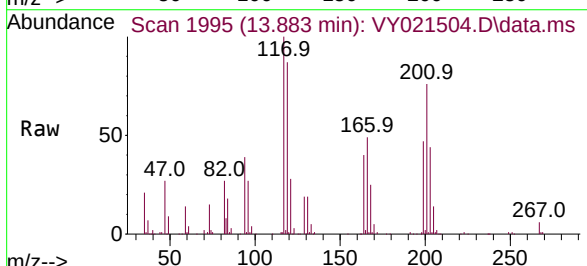
Acq: 12 Mar 2025 12:49

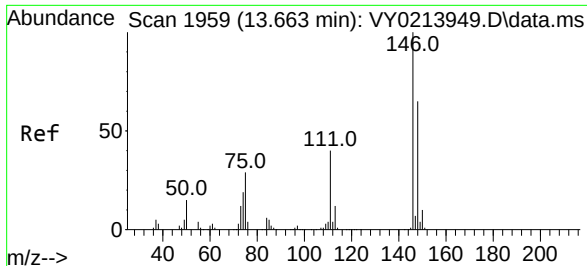
Tgt Ion: 117 Resp: 43582

Ion Ratio Lower Upper

117 100

201 73.2 37.4 112.2

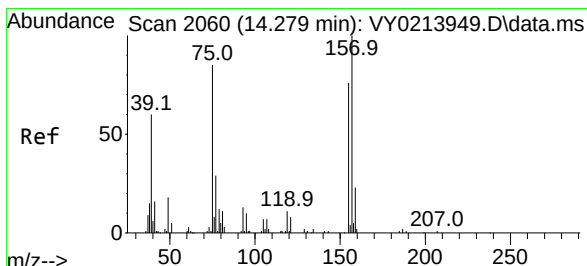
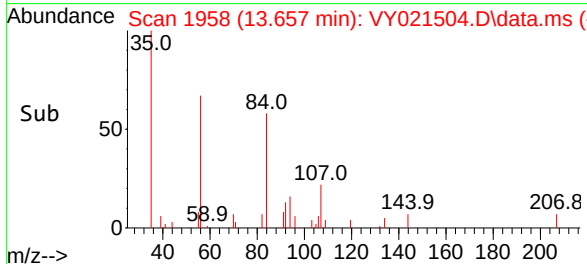
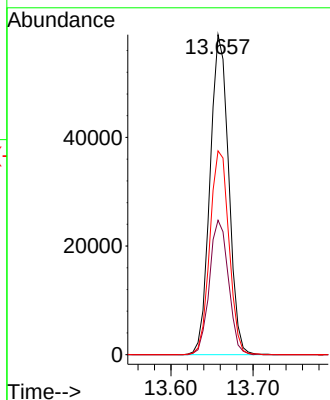
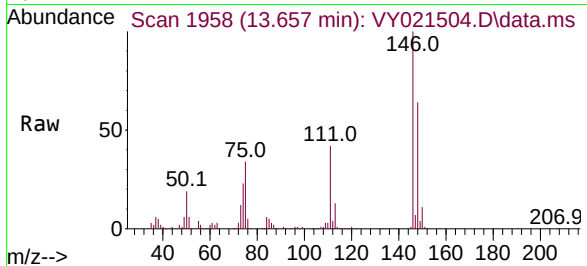




#91
1,2-Dichlorobenzene
Concen: 23.255 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

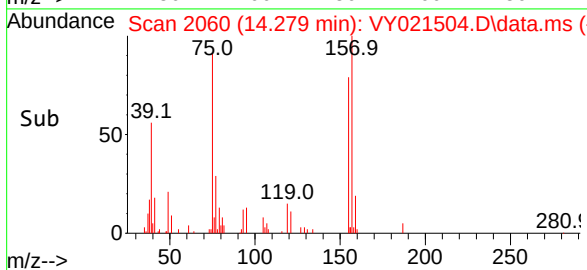
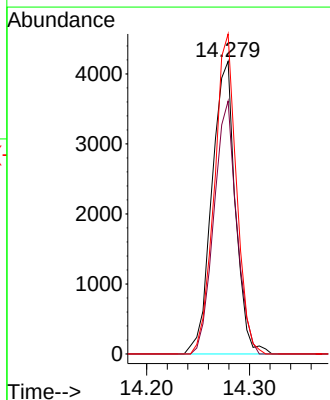
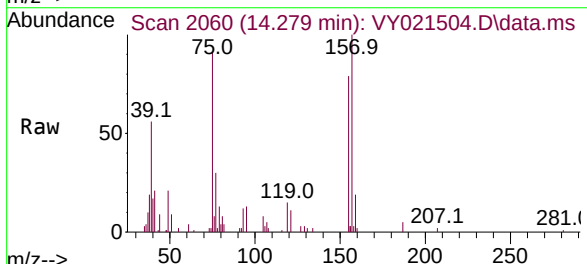
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

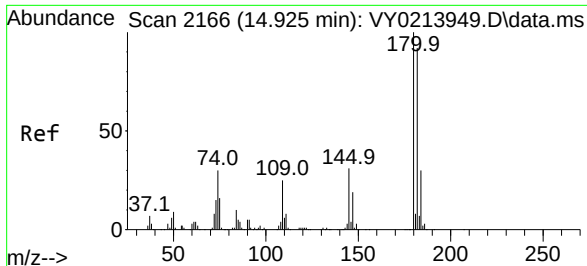
Tgt Ion:146 Resp: 92739
Ion Ratio Lower Upper
146 100
111 42.7 20.7 62.1
148 65.2 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.050 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion: 75 Resp: 6616
Ion Ratio Lower Upper
75 100
155 83.2 43.5 130.5
157 102.7 54.4 163.2

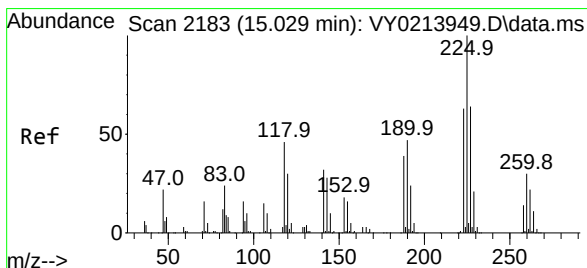
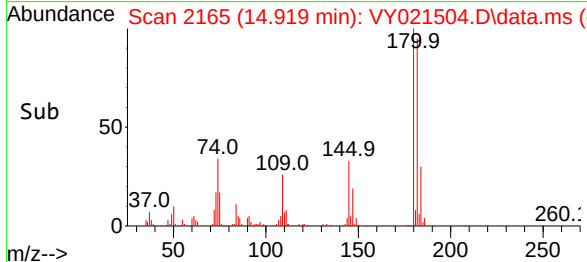
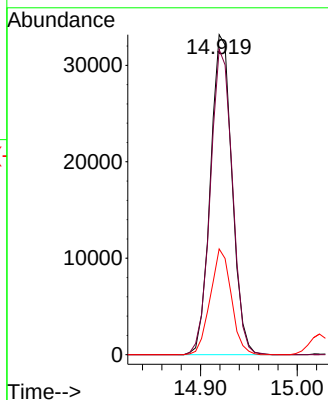
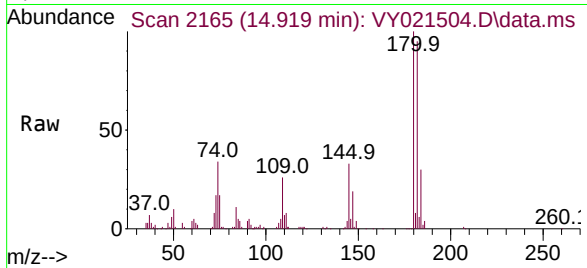




#93
 1,2,4-Trichlorobenzene
 Concen: 23.624 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

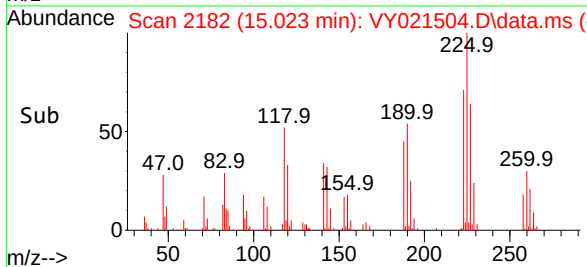
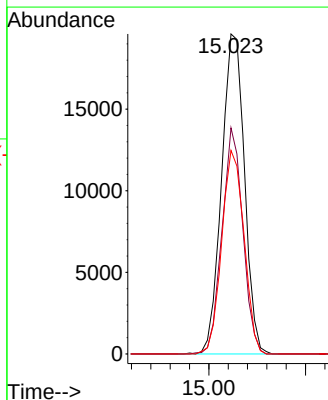
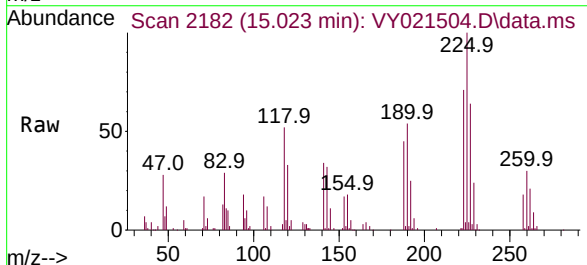
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBS02

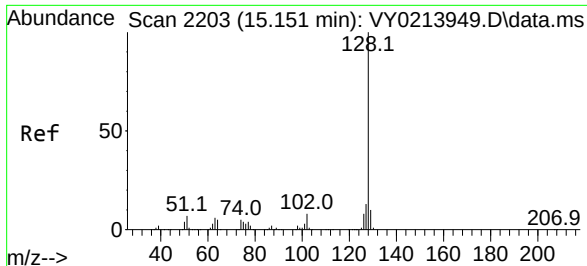
Tgt Ion:180 Resp: 51459
 Ion Ratio Lower Upper
 180 100
 182 97.0 46.7 140.0
 145 32.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 23.533 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021504.D
 Acq: 12 Mar 2025 12:49

Tgt Ion:225 Resp: 32132
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.4 94.2
 227 61.8 31.8 95.4

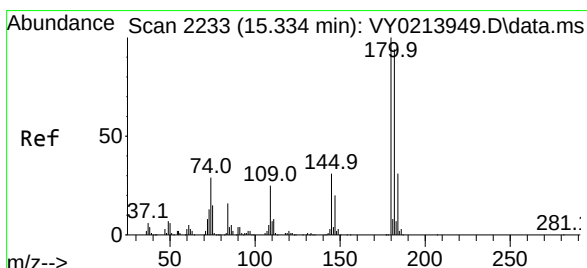
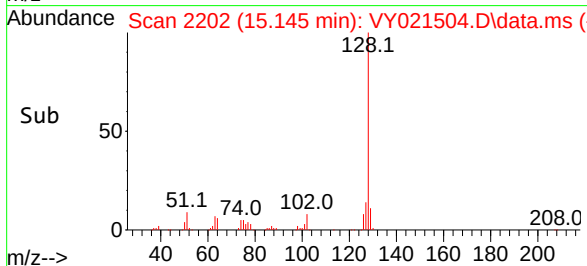
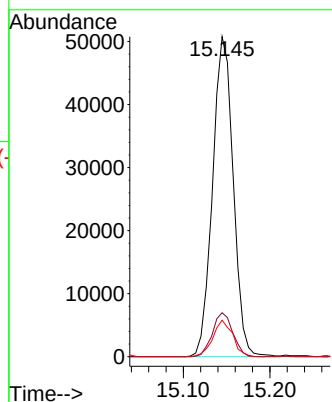
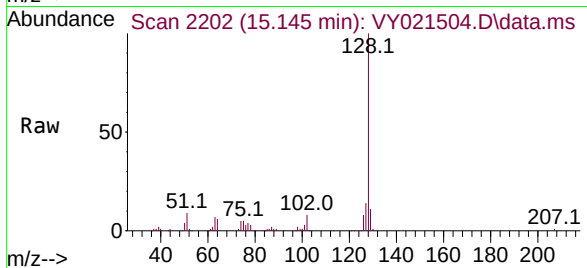




#95
Naphthalene
Concen: 24.766 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBS02

Tgt Ion:128	Resp:	84045
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.6 15.8
129	10.9	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 24.524 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021504.D
Acq: 12 Mar 2025 12:49

Tgt Ion:180	Resp:	44927
Ion Ratio	Lower	Upper
180	100	
182	92.7	47.2 141.6
145	32.2	16.4 49.1

