

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021403.D
 Acq On : 04 Mar 2025 12:15
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	245027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	394876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	337621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	161080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	14848	5.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	11.460%#
35) Dibromofluoromethane	7.634	113	14631	5.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	11.280%#
50) Toluene-d8	10.109	98	54665	5.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.120%#
62) 4-Bromofluorobenzene	12.408	95	19663	5.882	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	11.760%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	12951	5.760	ug/l	91
3) Chloromethane	2.074	50	19424	6.127	ug/l	98
4) Vinyl Chloride	2.208	62	19070	5.505	ug/l	99
5) Bromomethane	2.605	94	15706	6.273	ug/l	95
6) Chloroethane	2.745	64	12773	5.579	ug/l	98
7) Trichlorofluoromethane	3.068	101	27176	5.620	ug/l	99
8) Diethyl Ether	3.458	74	7381	5.508	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	16374	5.931	ug/l	99
10) Methyl Iodide	4.013	142	12057	4.296	ug/l	99
11) Tert butyl alcohol	4.872	59	7503	24.295	ug/l #	83
12) 1,1-Dichloroethene	3.800	96	13880	5.515	ug/l	97
13) Acrolein	3.653	56	6605	50.142	ug/l	93
14) Allyl chloride	4.385	41	21629	5.317	ug/l	99
15) Acrylonitrile	5.068	53	14939	26.189	ug/l	100
16) Acetone	3.879	43	17626	31.204	ug/l	99
17) Carbon Disulfide	4.110	76	42440	5.380	ug/l	99
18) Methyl Acetate	4.391	43	6561	5.235	ug/l	94
19) Methyl tert-butyl Ether	5.129	73	33420	5.239	ug/l	94
20) Methylene Chloride	4.629	84	19304	6.511	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	15868	5.629	ug/l	89
22) Diisopropyl ether	6.019	45	45242	5.161	ug/l	88
23) Vinyl Acetate	5.970	43	124260	24.838	ug/l	96
24) 1,1-Dichloroethane	5.921	63	28883	5.583	ug/l	97
25) 2-Butanone	6.903	43	22073	28.249	ug/l	96
26) 2,2-Dichloropropane	6.890	77	27105	5.694	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	17198	5.371	ug/l	93
28) Bromochloromethane	7.250	49	11718	5.403	ug/l	99
29) Tetrahydrofuran	7.274	42	12689	26.305	ug/l	99
30) Chloroform	7.427	83	29950	5.575	ug/l	99
31) Cyclohexane	7.701	56	29806	6.145	ug/l #	93
32) 1,1,1-Trichloroethane	7.622	97	28207	5.734	ug/l	95
36) 1,1-Dichloropropene	7.841	75	21694	5.340	ug/l	98
37) Ethyl Acetate	6.988	43	8882	4.846	ug/l	96
38) Carbon Tetrachloride	7.823	117	24674	5.281	ug/l	96
39) Methylcyclohexane	9.110	83	25312	5.079	ug/l	95
40) Benzene	8.085	78	63894	5.339	ug/l	99

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 03:02:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4825	4.834	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	17906	5.348	ug/l	99
43) Isopropyl Acetate	8.201	43	18016	5.168	ug/l	97
44) Trichloroethene	8.872	130	16384	5.417	ug/l	98
45) 1,2-Dichloropropane	9.146	63	15302	5.372	ug/l	91
46) Dibromomethane	9.238	93	8211	5.181	ug/l	99
47) Bromodichloromethane	9.427	83	22083	5.247	ug/l	95
48) Methyl methacrylate	9.225	41	7383	4.568	ug/l	98
49) 1,4-Dioxane	9.231	88	1424	91.537	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	43306	24.077	ug/l	100
52) Toluene	10.176	92	38833	5.146	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	18188	4.905	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	22504	5.111	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	10837	5.227	ug/l	97
56) Ethyl methacrylate	10.439	69	11475	4.340	ug/l	97
57) 1,3-Dichloropropane	10.719	76	18380	5.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	26908	22.045	ug/l	99
59) 2-Hexanone	10.762	43	27441	23.073	ug/l	97
60) Dibromochloromethane	10.914	129	14771	5.197	ug/l	96
61) 1,2-Dibromoethane	11.018	107	10188	5.207	ug/l	99
64) Tetrachloroethene	10.652	164	15148	5.518	ug/l	95
65) Chlorobenzene	11.444	112	43322	5.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	15173	5.383	ug/l	96
67) Ethyl Benzene	11.524	91	71391	5.102	ug/l	97
68) m/p-Xylenes	11.633	106	53829	10.132	ug/l	99
69) o-Xylene	11.957	106	24421	4.988	ug/l	100
70) Styrene	11.975	104	38858	4.784	ug/l	99
71) Bromoform	12.133	173	7934	5.035	ug/l #	96
73) Isopropylbenzene	12.255	105	64065	5.049	ug/l	98
74) N-amyl acetate	12.072	43	12319	4.470	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	11865	5.299	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	15763	9.711	ug/l #	100
77) Bromobenzene	12.536	156	15812	5.327	ug/l	97
78) n-propylbenzene	12.597	91	80203	5.205	ug/l	99
79) 2-Chlorotoluene	12.682	91	47065	5.341	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	53272	5.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3431	4.805	ug/l	92
82) 4-Chlorotoluene	12.780	91	48178	5.280	ug/l	100
83) tert-Butylbenzene	12.999	119	46550	5.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	52203	5.099	ug/l	98
85) sec-Butylbenzene	13.176	105	71799	5.246	ug/l	100
86) p-Isopropyltoluene	13.298	119	57131	5.067	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	32709	5.535	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	32045	5.545	ug/l	95
89) n-Butylbenzene	13.621	91	52654	5.057	ug/l	99
90) Hexachloroethane	13.883	117	13537	5.628	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	27758	5.481	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1880	5.605	ug/l	86
93) 1,2,4-Trichlorobenzene	14.926	180	13925	5.034	ug/l	98
94) Hexachlorobutadiene	15.029	225	9351	5.393	ug/l	97
95) Naphthalene	15.151	128	19552	5.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11822	5.081	ug/l	96

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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

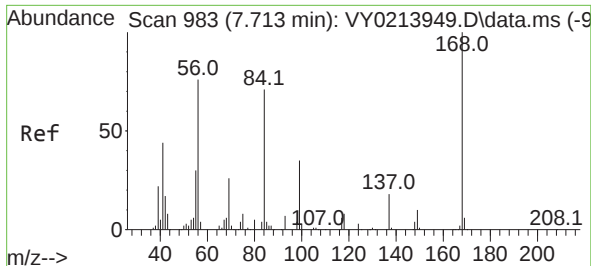
Quant Time: Mar 05 03:02:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

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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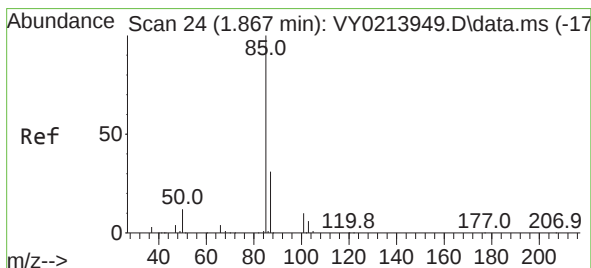
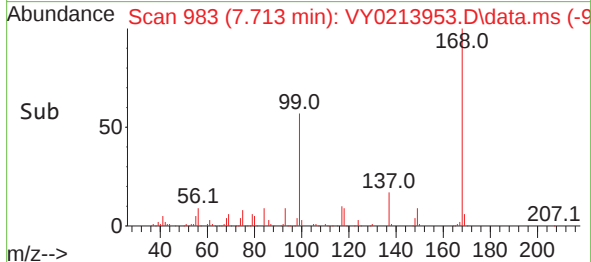
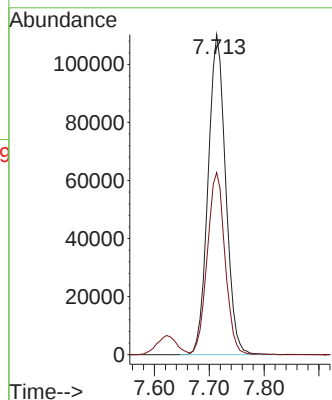
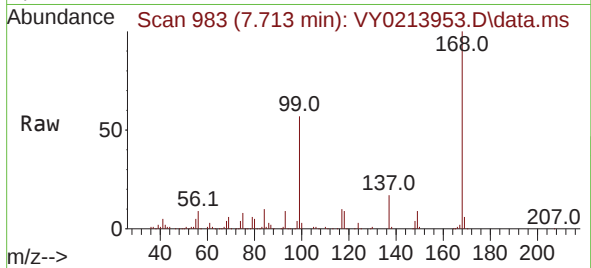




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

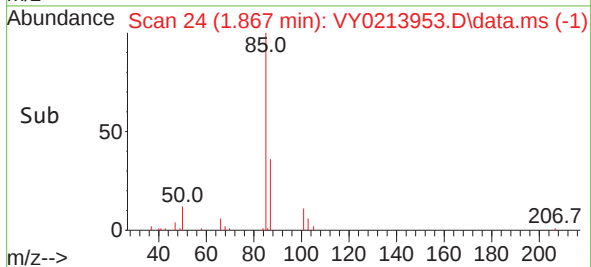
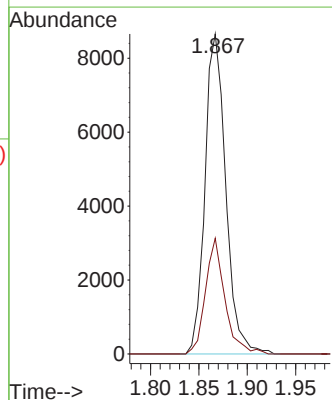
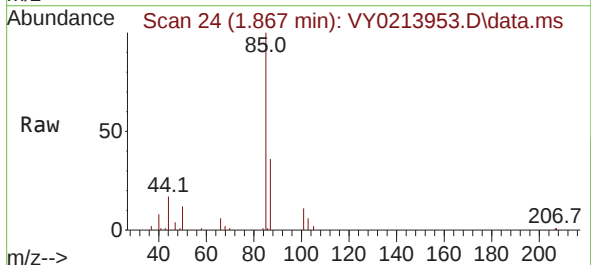
Instrument :
MSVOA_Y
ClientSampleId :

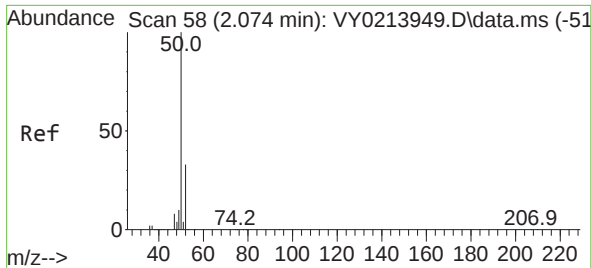
Tgt Ion:168 Resp: 245027
Ion Ratio Lower Upper
168 100
99 56.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 5.760 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 85 Resp: 12951
Ion Ratio Lower Upper
85 100
87 36.1 15.7 47.0

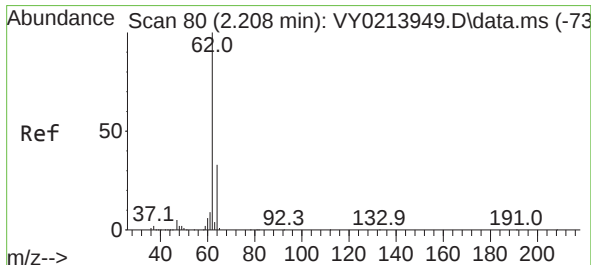
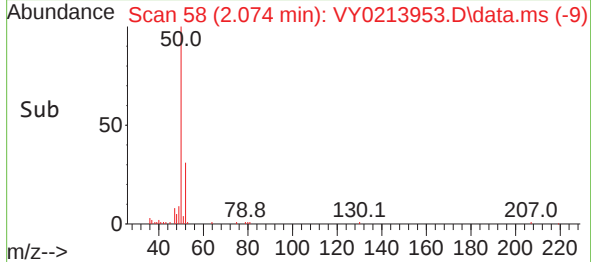
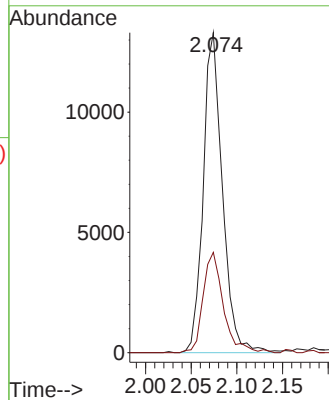
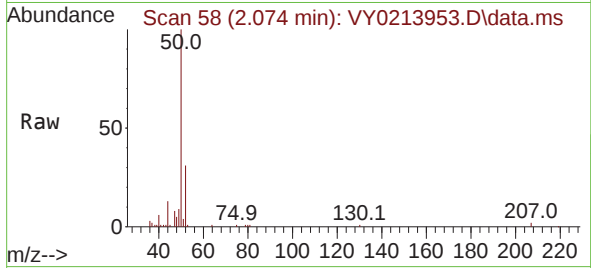




#3
Chloromethane
Concen: 6.127 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

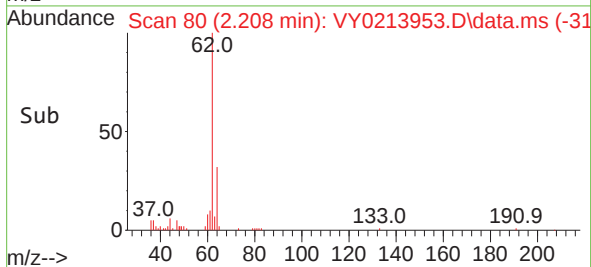
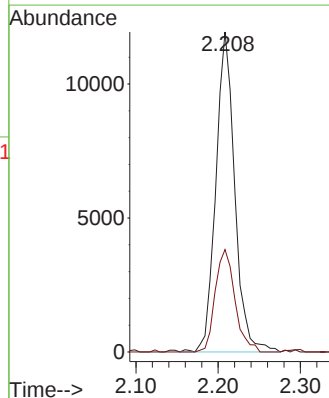
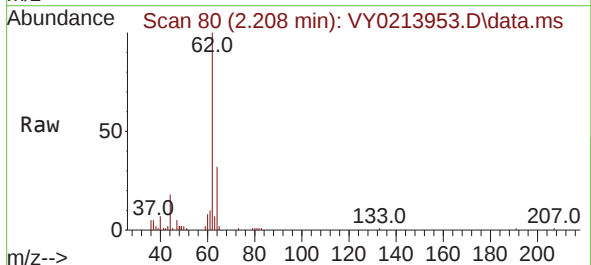
Instrument :
MSVOA_Y
ClientSampleId :

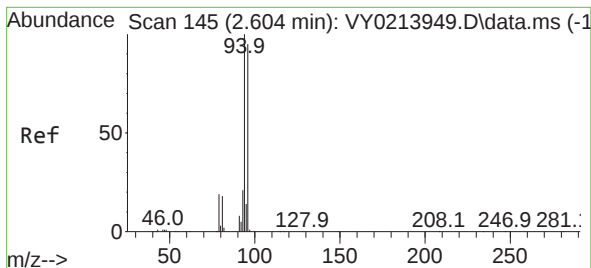
Tgt Ion: 50 Resp: 19424
Ion Ratio Lower Upper
50 100
52 31.4 26.2 39.2



#4
Vinyl Chloride
Concen: 5.505 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 62 Resp: 19070
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5

Bromomethane

Concen: 6.273 ug/l

RT: 2.605 min Scan# 145

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

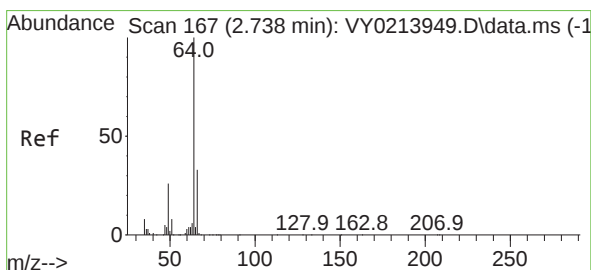
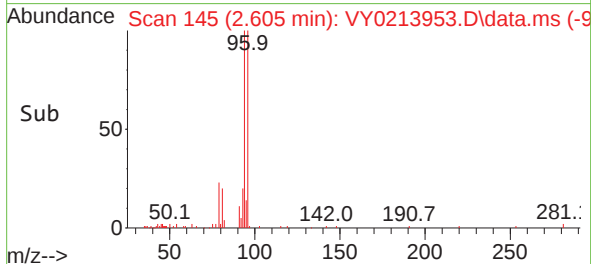
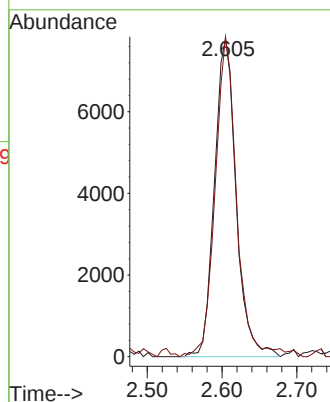
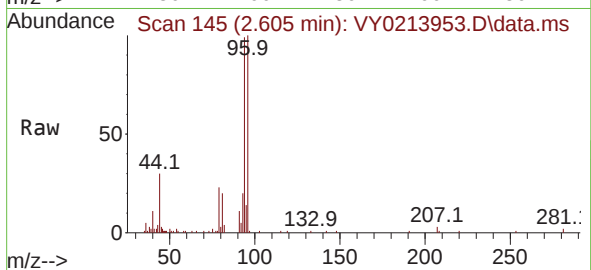
ClientSampleId :

Tgt Ion: 94 Resp: 15706

Ion Ratio Lower Upper

94 100

96 100.7 76.3 114.5



#6

Chloroethane

Concen: 5.579 ug/l

RT: 2.745 min Scan# 168

Delta R.T. 0.007 min

Lab File: VY0213953.D

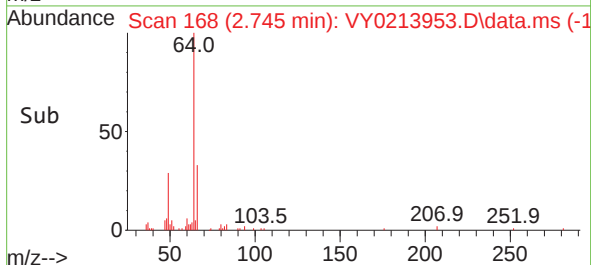
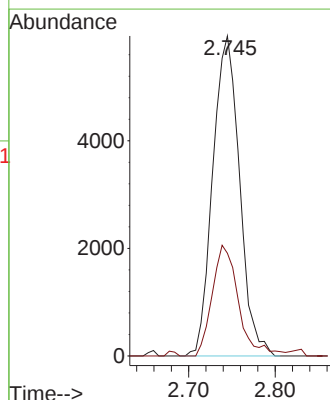
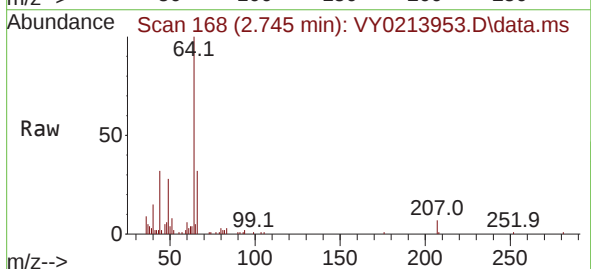
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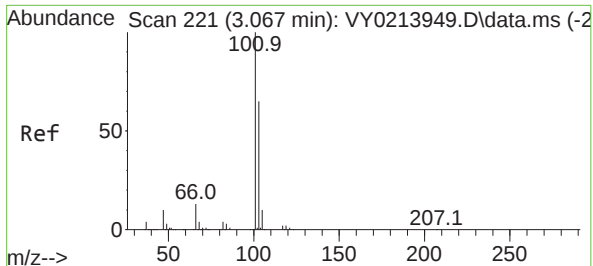
Tgt Ion: 64 Resp: 12773

Ion Ratio Lower Upper

64 100

66 32.1 26.7 40.1

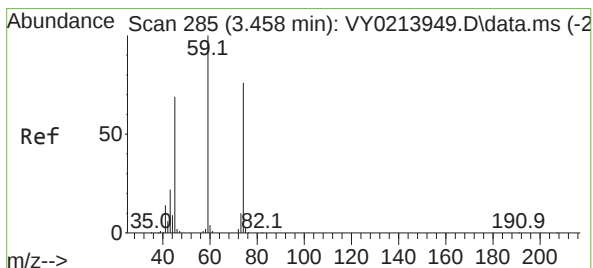
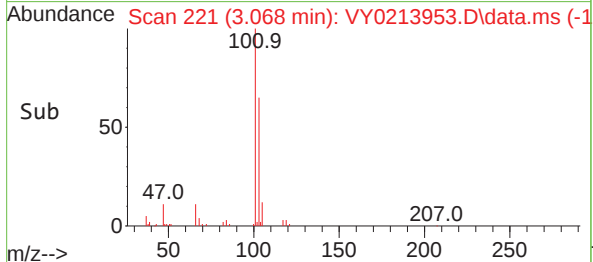
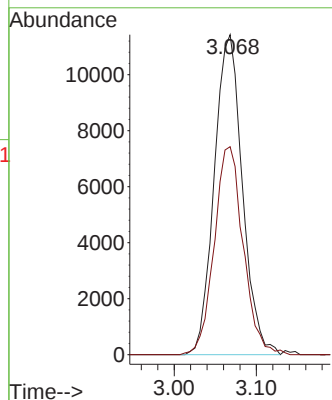
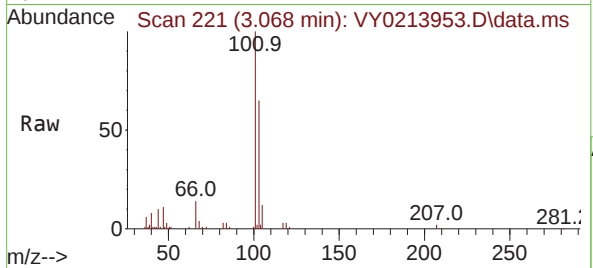




#7
Trichlorofluoromethane
Concen: 5.620 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

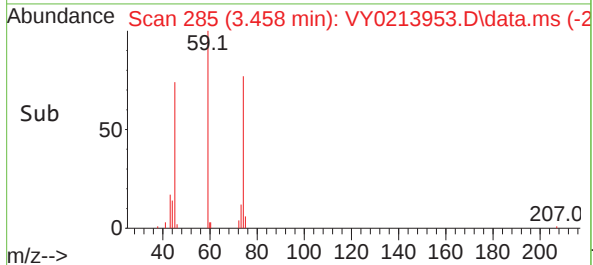
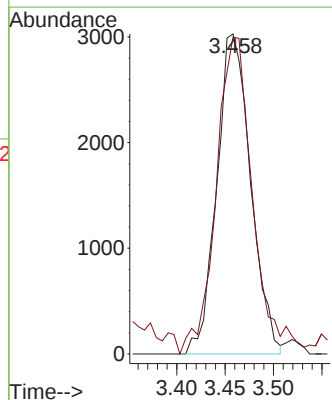
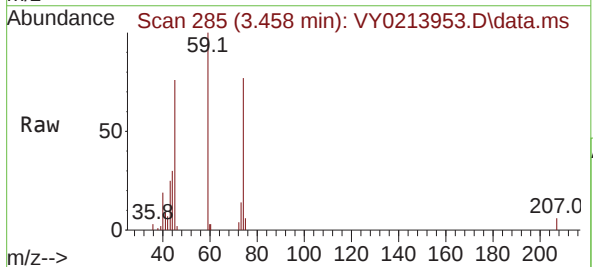
Instrument :
MSVOA_Y
ClientSampleId :

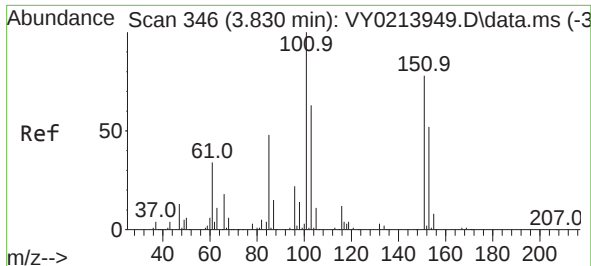
Tgt Ion:101 Resp: 27176
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5



#8
Diethyl Ether
Concen: 5.508 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 74 Resp: 7381
Ion Ratio Lower Upper
74 100
45 106.2 49.7 149.1

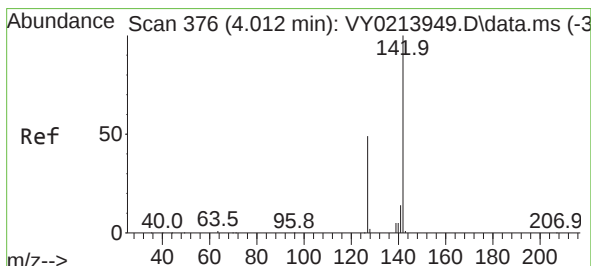
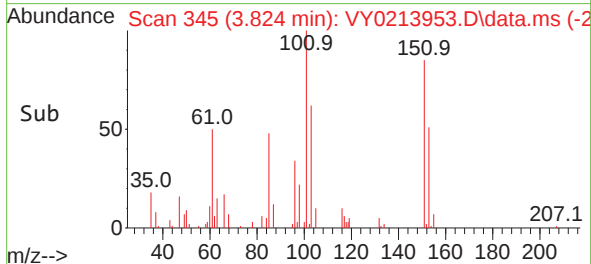
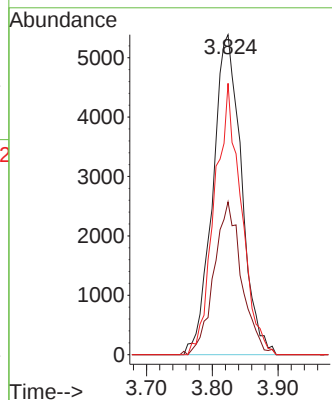
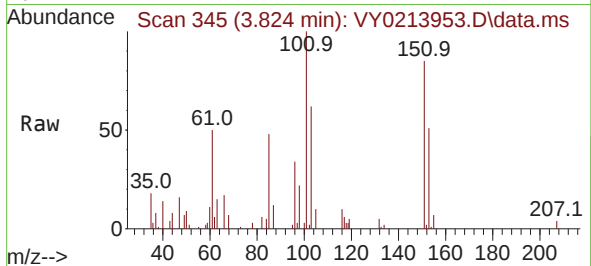




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.931 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

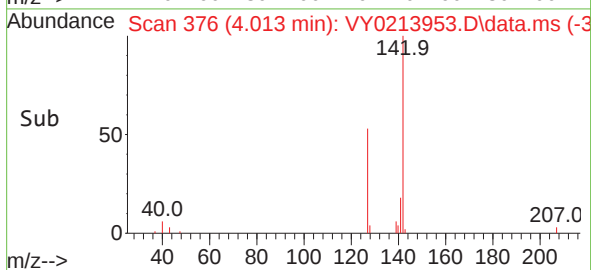
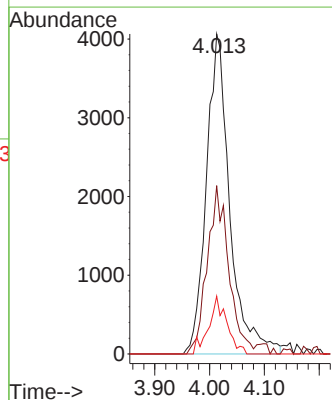
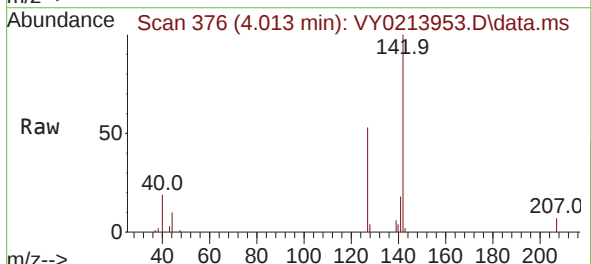
Instrument :
MSVOA_Y
ClientSampleId :

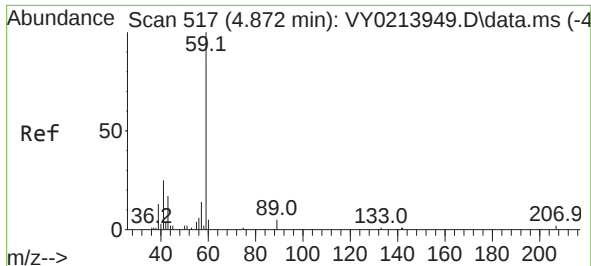
Tgt Ion:101 Resp: 16374
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 78.9 62.1 93.1



#10
Methyl Iodide
Concen: 4.296 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:142 Resp: 12057
Ion Ratio Lower Upper
142 100
127 48.2 39.1 58.7
141 14.0 11.8 17.6

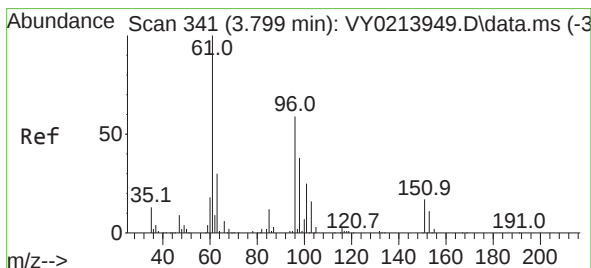
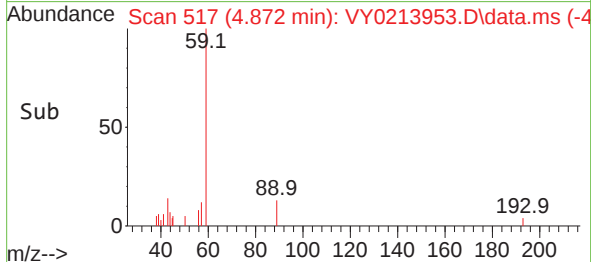
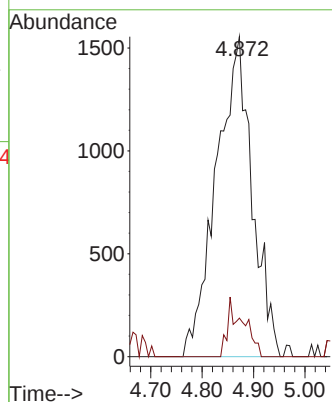
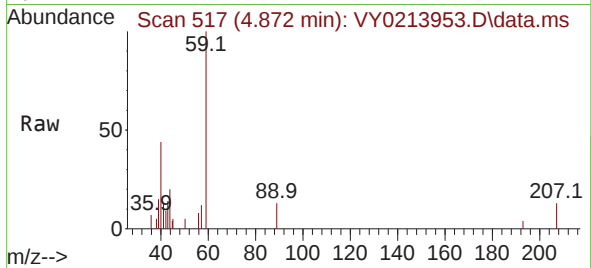




#11
Tert butyl alcohol
Concen: 24.295 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

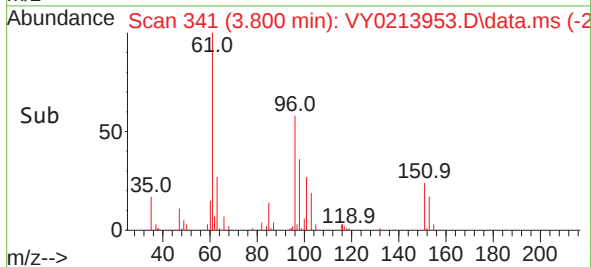
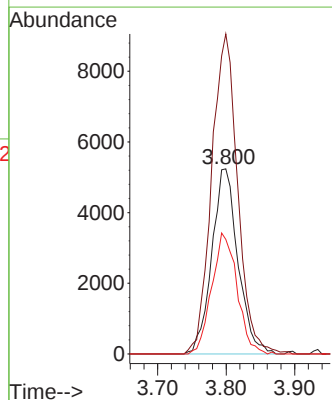
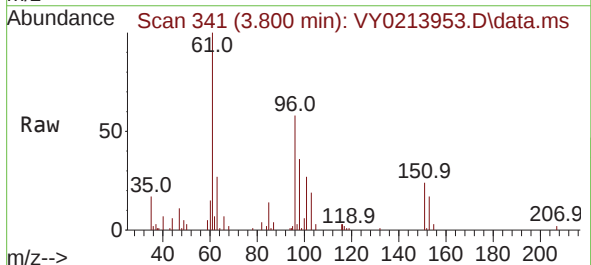
Instrument :
MSVOA_Y
ClientSampleId :

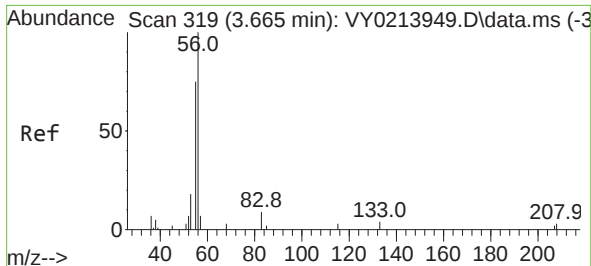
Tgt Ion: 59 Resp: 7503
Ion Ratio Lower Upper
59 100
57 3.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 5.515 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.001 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 96 Resp: 13880
Ion Ratio Lower Upper
96 100
61 172.9 135.2 202.8
98 61.9 51.4 77.2

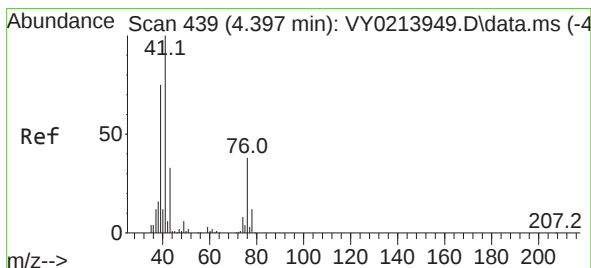
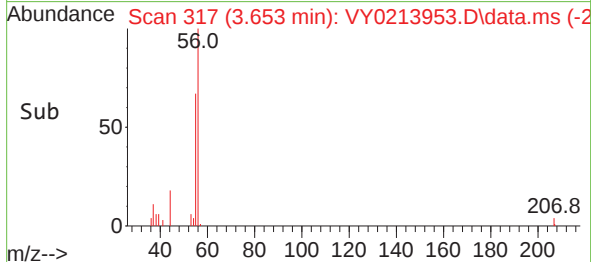
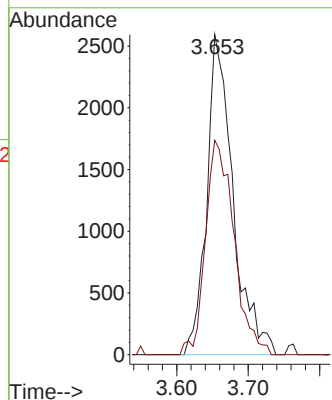
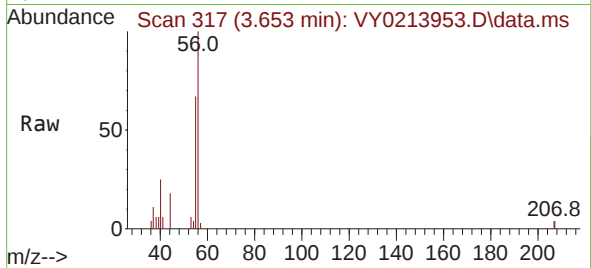




#13
Acrolein
Concen: 50.142 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

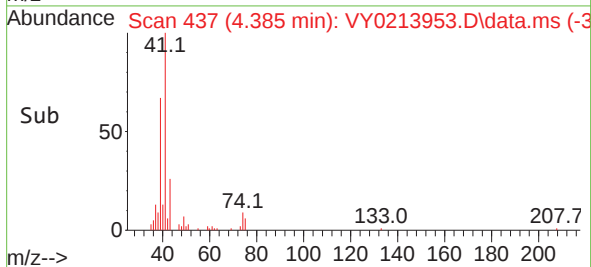
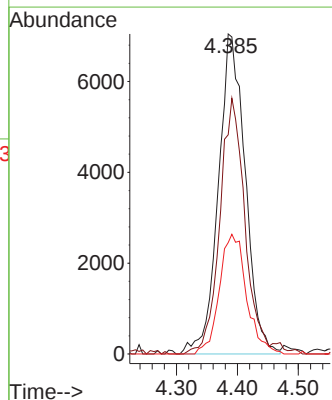
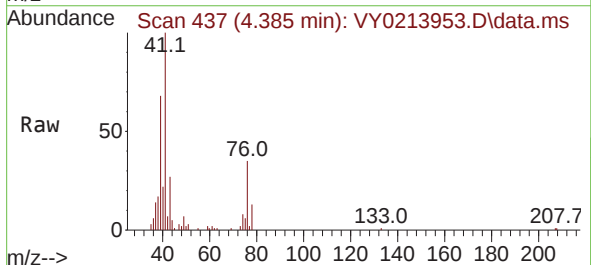
Instrument :
MSVOA_Y
ClientSampleId :

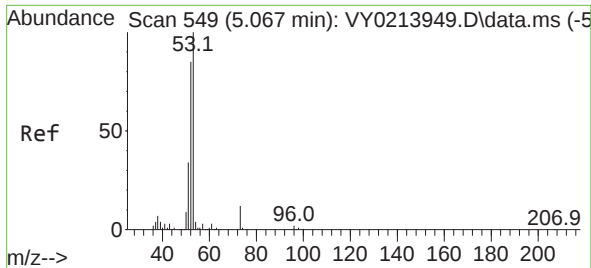
Tgt Ion: 56 Resp: 6605
Ion Ratio Lower Upper
56 100
55 72.9 63.4 95.2



#14
Allyl chloride
Concen: 5.317 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 41 Resp: 21629
Ion Ratio Lower Upper
41 100
39 74.9 59.3 88.9
76 37.8 29.8 44.8

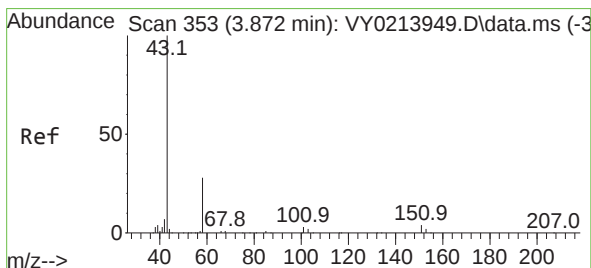
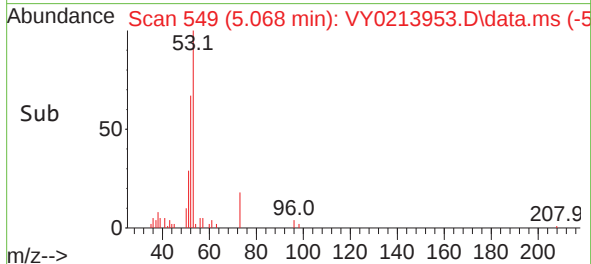
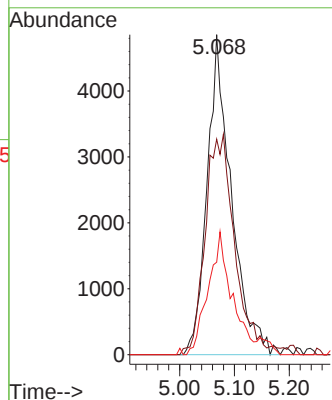
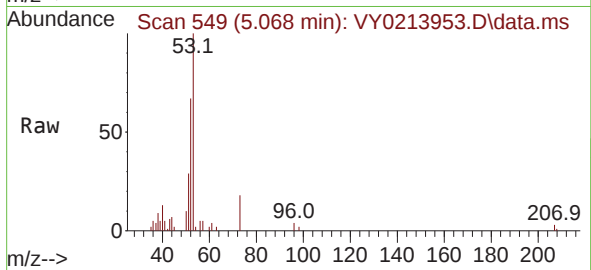




#15
Acrylonitrile
Concen: 26.189 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

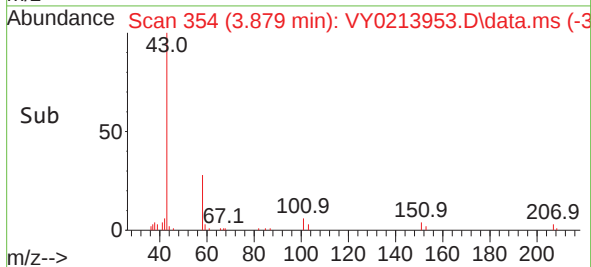
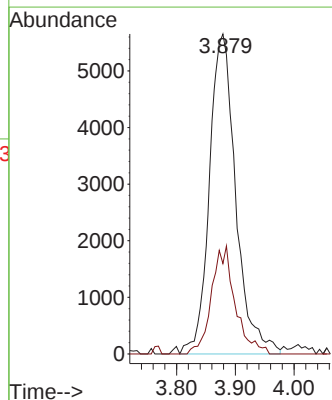
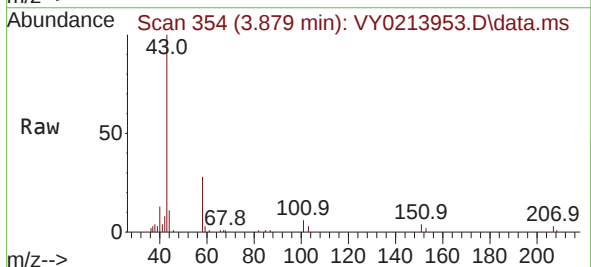
Instrument :
MSVOA_Y
ClientSampleId :

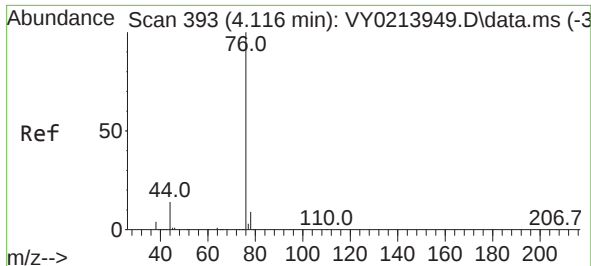
Tgt Ion: 53	Resp: 14939
Ion Ratio	Lower Upper
53 100	
52 83.0	66.3 99.5
51 37.4	30.3 45.5



#16
Acetone
Concen: 31.204 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 43	Resp: 17626		
Ion Ratio	Lower	Upper	
43 100			
58 28.3	22.1	33.1	

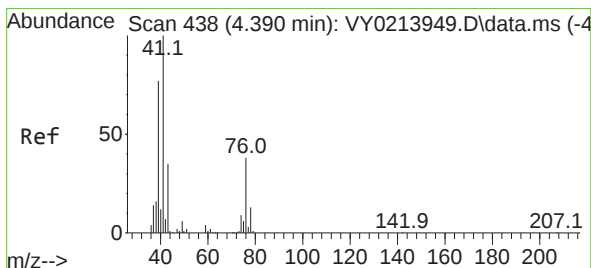
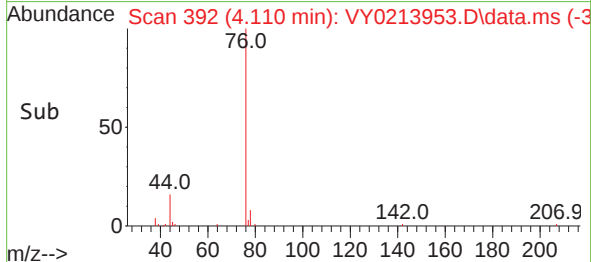
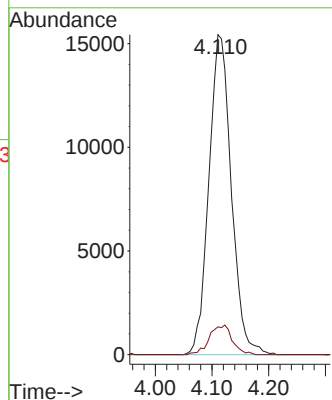
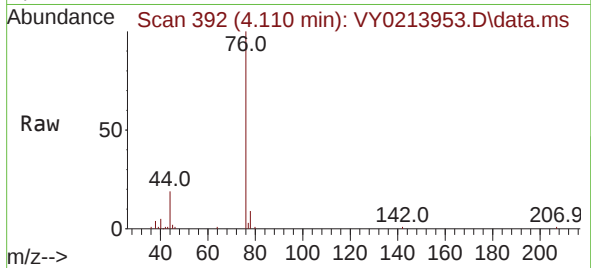




#17
Carbon Disulfide
Concen: 5.380 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

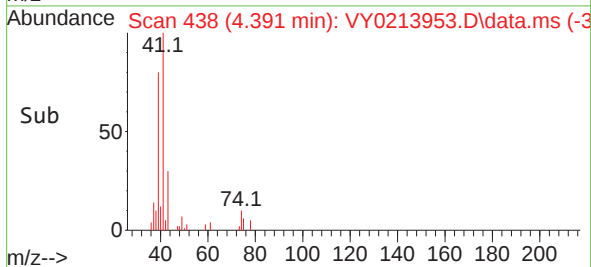
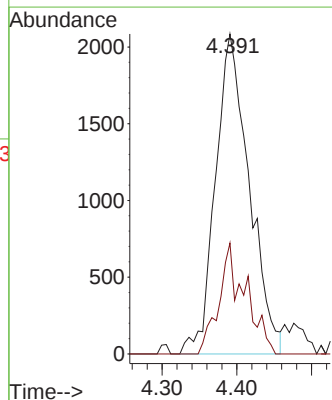
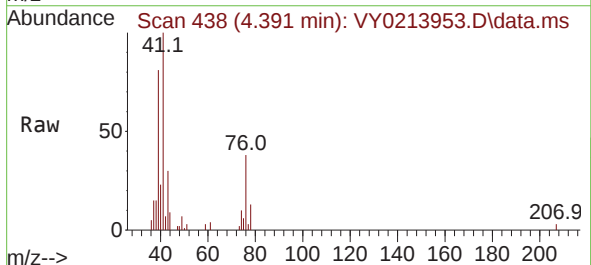
Instrument :
MSVOA_Y
ClientSampleId :

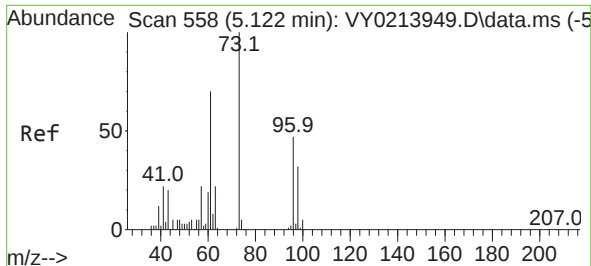
Tgt Ion: 76 Resp: 42440
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 5.235 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
74 27.2 19.4 29.0

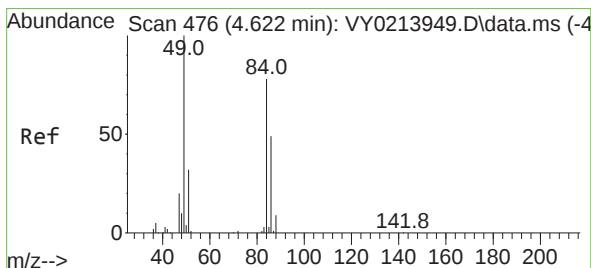
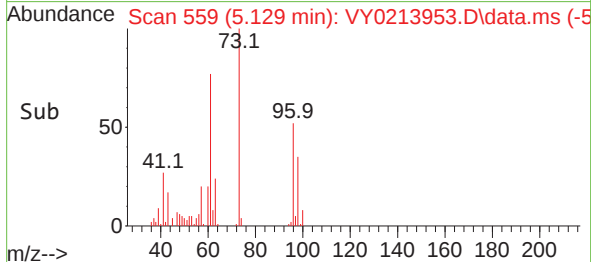
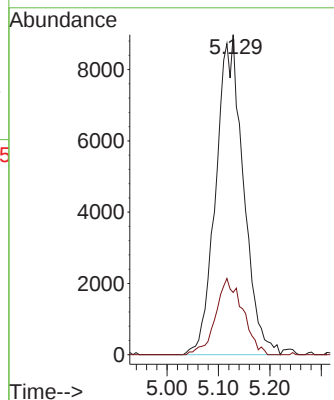
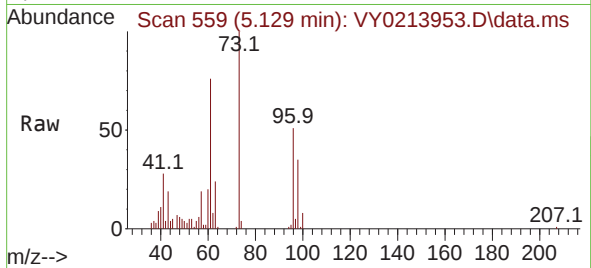




#19
Methyl tert-butyl Ether
Concen: 5.239 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

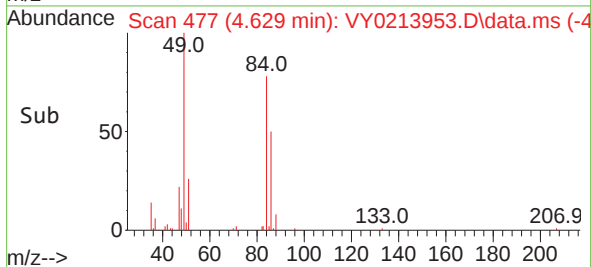
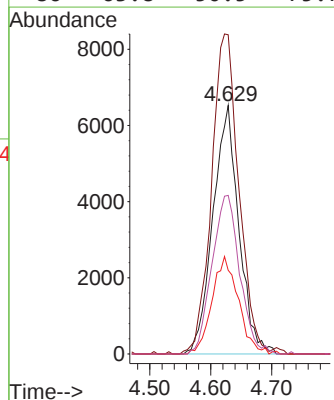
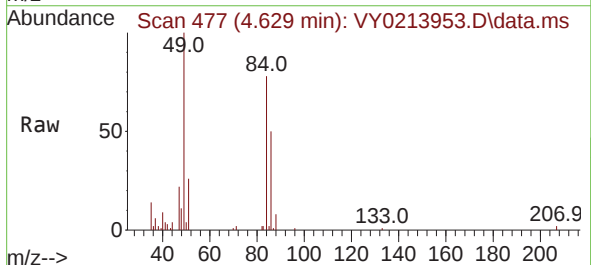
Instrument :
MSVOA_Y
ClientSampleId :

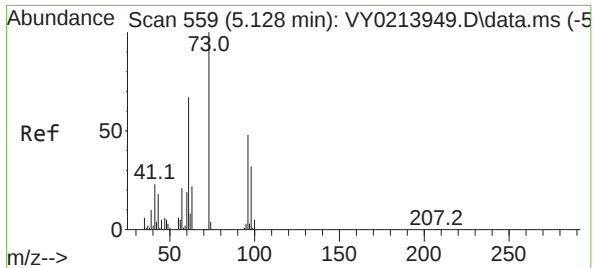
Tgt Ion: 73 Resp: 33420
Ion Ratio Lower Upper
73 100
57 19.5 17.9 26.9



#20
Methylene Chloride
Concen: 6.511 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 84 Resp: 19304
Ion Ratio Lower Upper
84 100
49 128.4 102.0 153.0
51 33.7 33.0 49.6
86 63.8 50.5 75.7

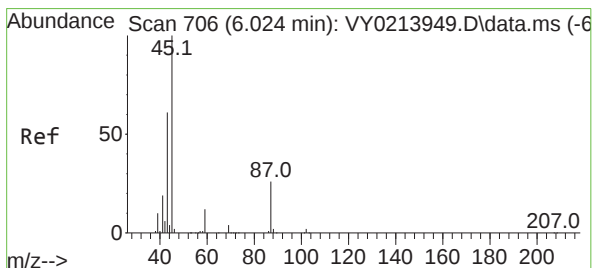
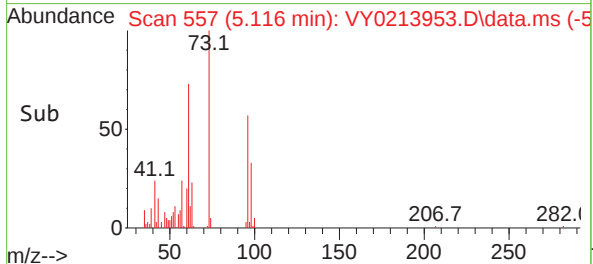
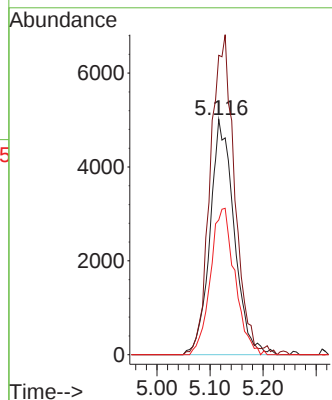
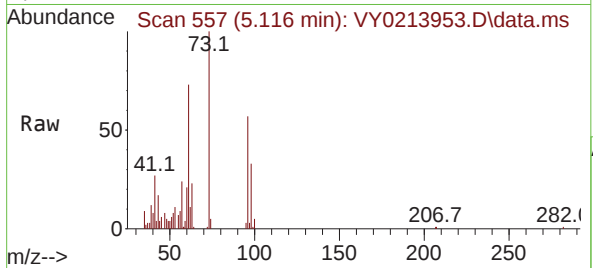




#21
trans-1,2-Dichloroethene
Concen: 5.629 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

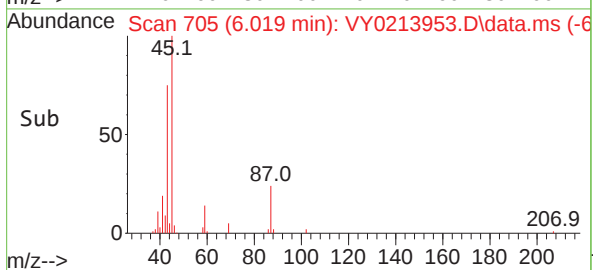
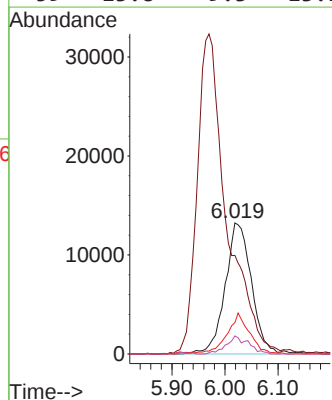
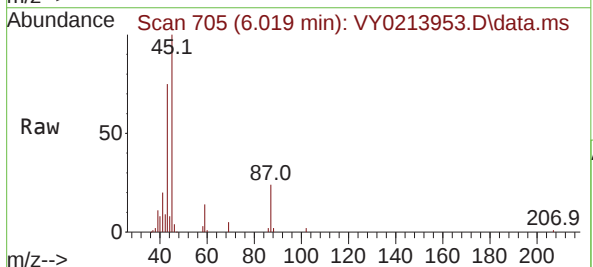
Instrument :
MSVOA_Y
ClientSampleId :

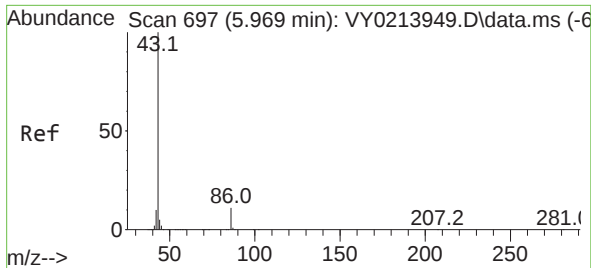
Tgt Ion: 96 Resp: 15868
Ion Ratio Lower Upper
96 100
61 127.2 111.5 167.3
98 57.2 53.8 80.8



#22
Diisopropyl ether
Concen: 5.161 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 45 Resp: 45242
Ion Ratio Lower Upper
45 100
43 72.8 48.7 73.1
87 23.0 21.5 32.3
59 13.8 9.3 13.9

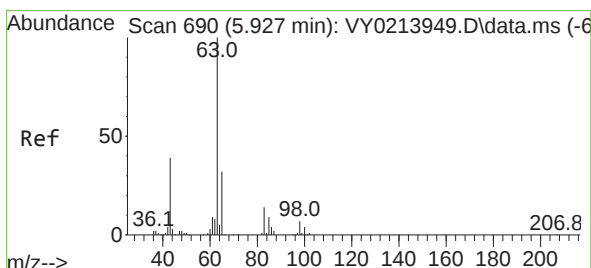
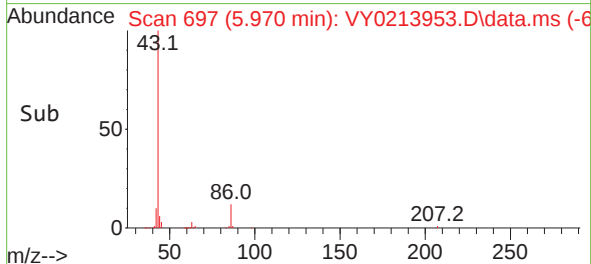
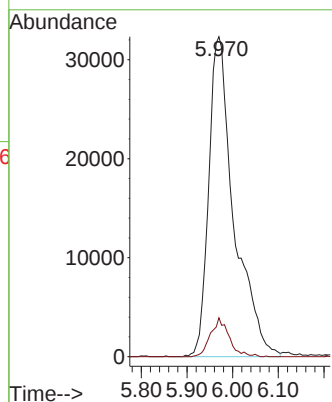
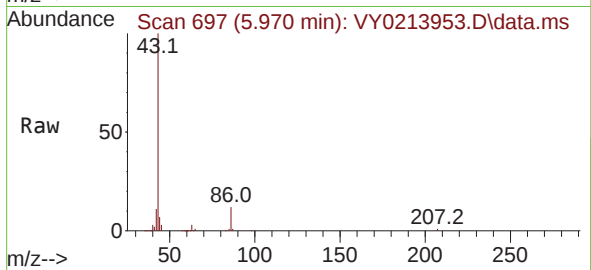




#23
 Vinyl Acetate
 Concen: 24.838 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

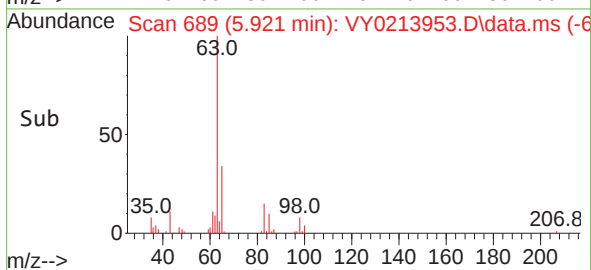
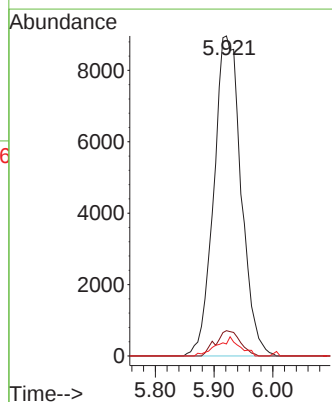
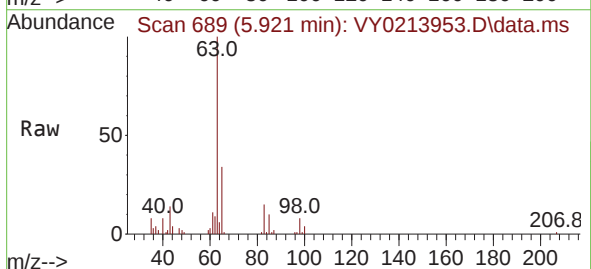
Instrument :
 MSVOA_Y
 ClientSampleId :

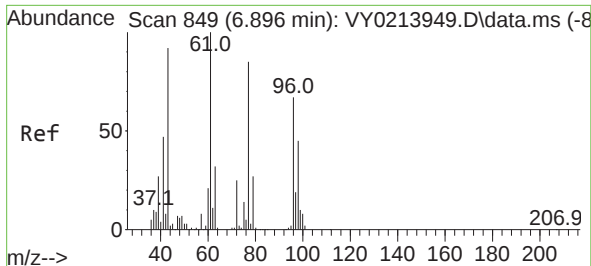
Tgt Ion: 43 Resp: 124260
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 5.583 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

Tgt Ion: 63 Resp: 28883
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 28.249 ug/l

RT: 6.903 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

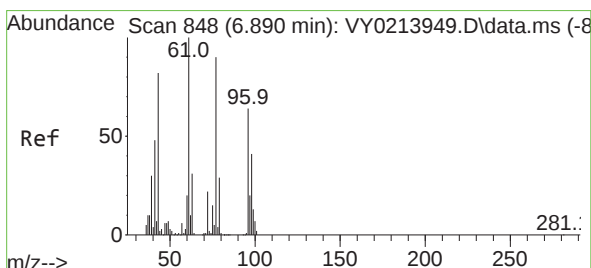
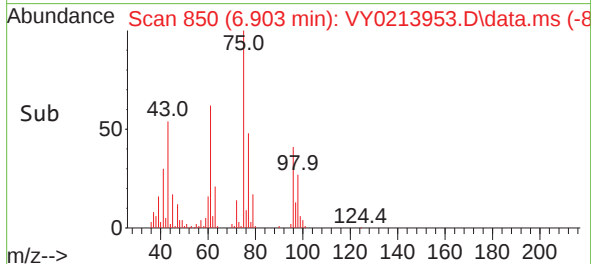
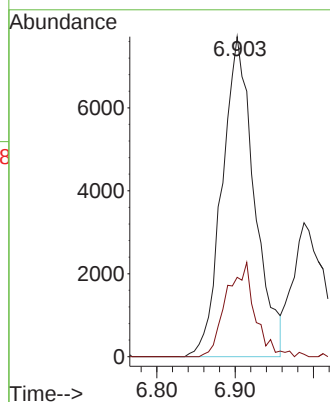
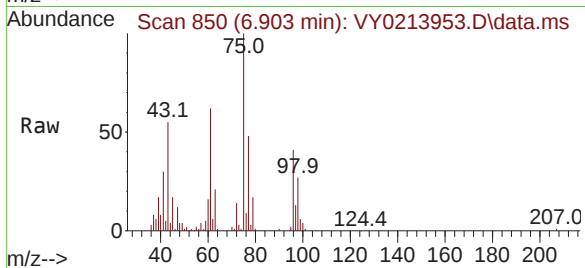
ClientSampleId :

Tgt Ion: 43 Resp: 22073

Ion Ratio Lower Upper

43 100

72 24.8 21.4 32.0



#26

2,2-Dichloropropane

Concen: 5.694 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY0213953.D

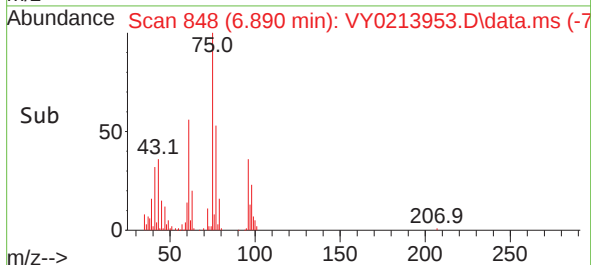
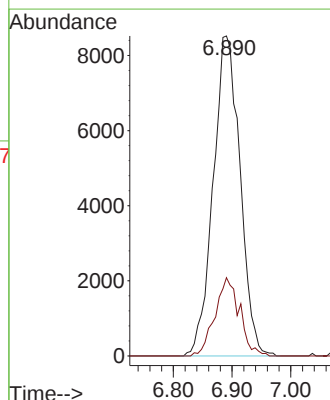
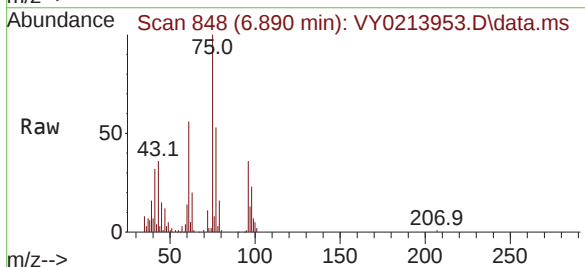
Acq: 04 Mar 2025 12:15

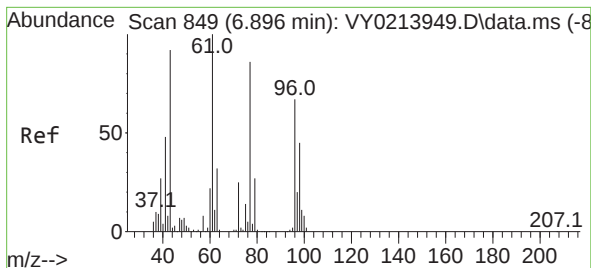
Tgt Ion: 77 Resp: 27105

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.371 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

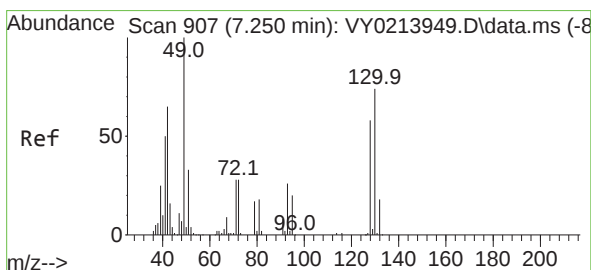
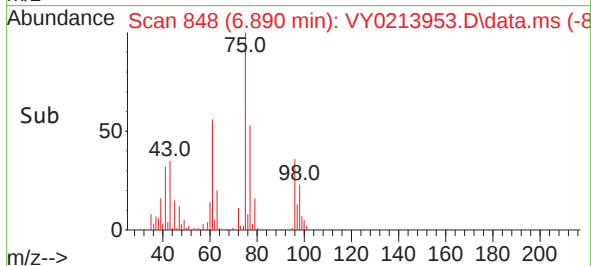
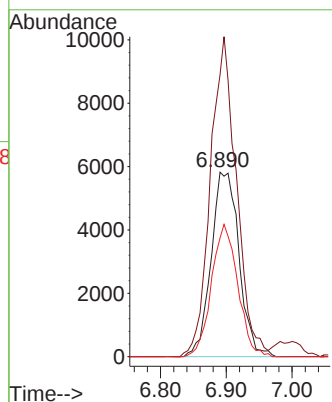
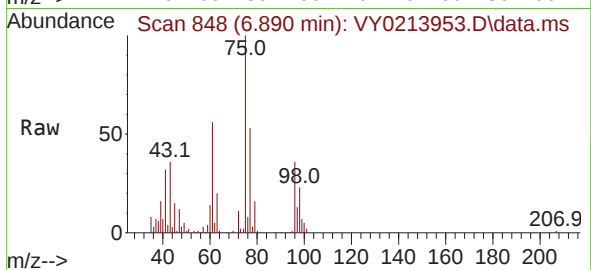
Tgt Ion: 96 Resp: 17198

Ion Ratio Lower Upper

96 100

61 161.9 0.0 300.8

98 67.4 0.0 130.0



#28

Bromochloromethane

Concen: 5.403 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

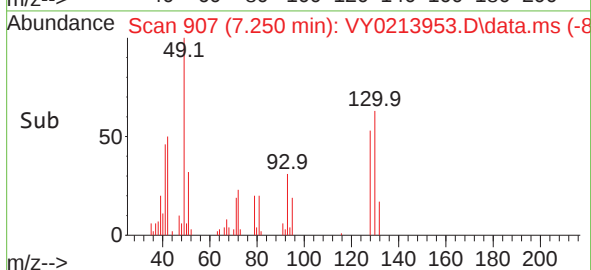
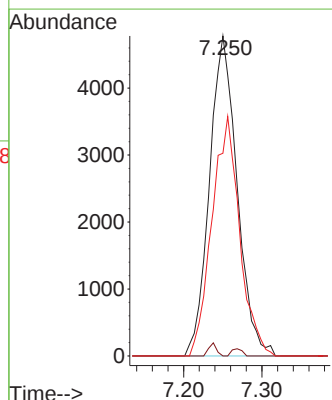
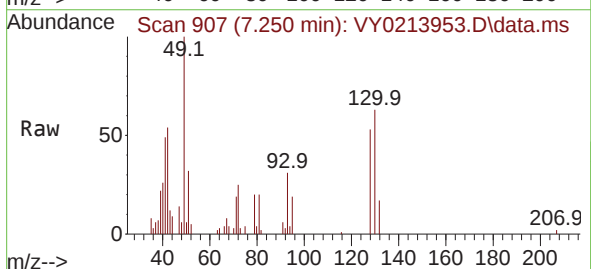
Tgt Ion: 49 Resp: 11718

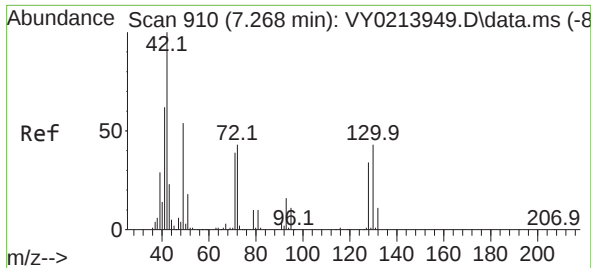
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.2

130 75.1 59.6 89.4





#29

Tetrahydrofuran

Concen: 26.305 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.007 min

Lab File: VY0213953.D

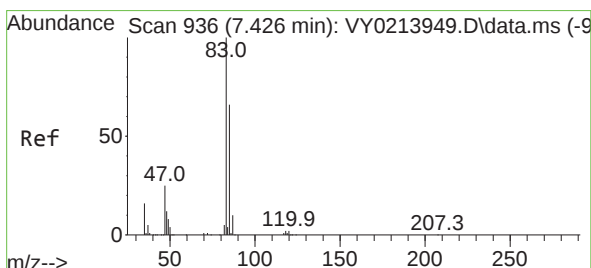
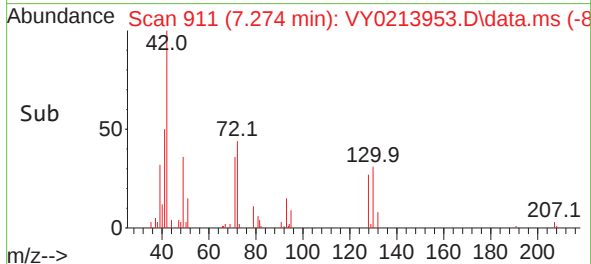
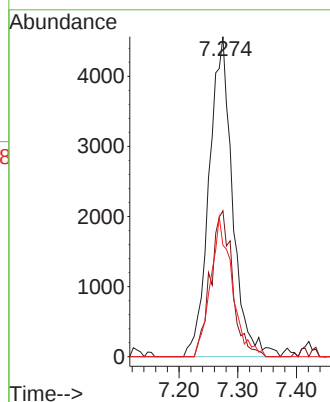
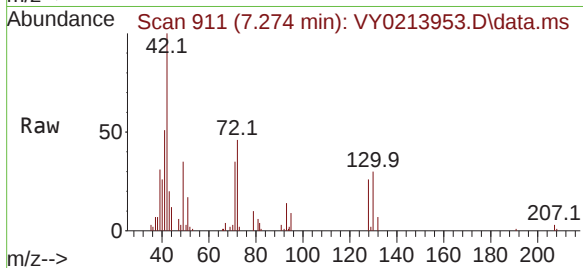
Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	12689
Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.8	52.2
71	40.0	32.6	48.8



#30

Chloroform

Concen: 5.575 ug/l

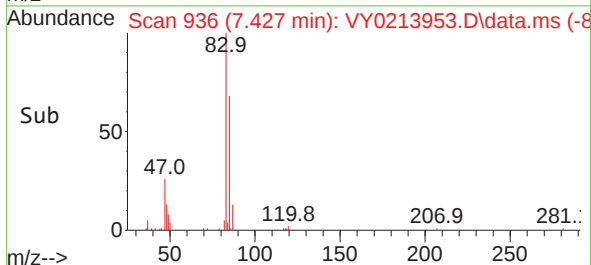
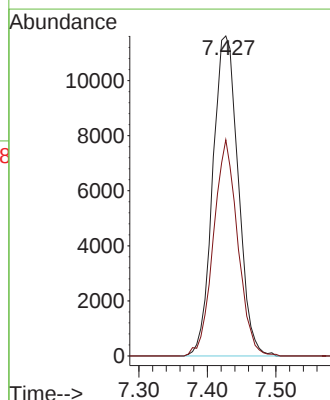
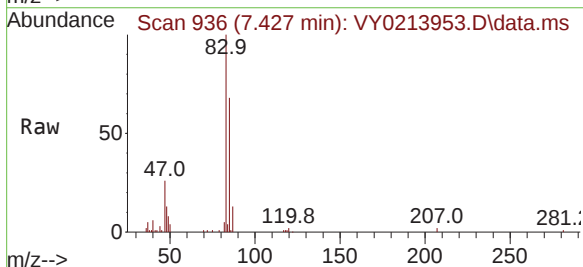
RT: 7.427 min Scan# 936

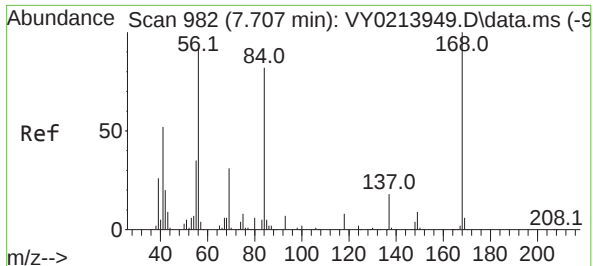
Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

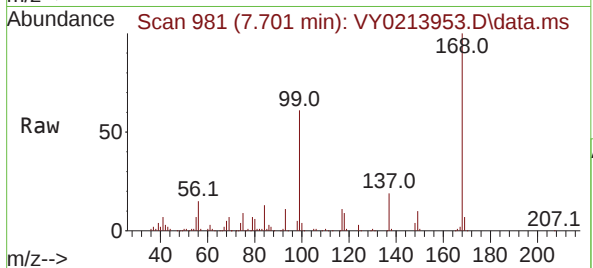
Tgt Ion:	83	Resp:	29950
Ion	Ratio	Lower	Upper
83	100		
85	67.5	53.1	79.7



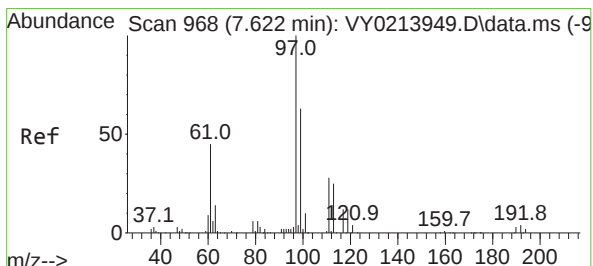
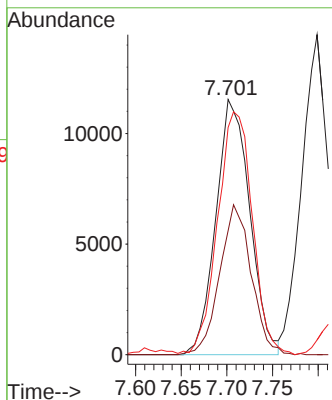
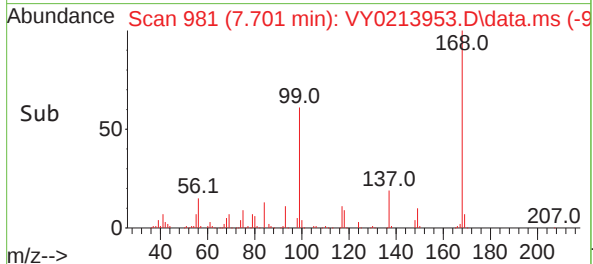


#31
Cyclohexane
Concen: 6.145 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :

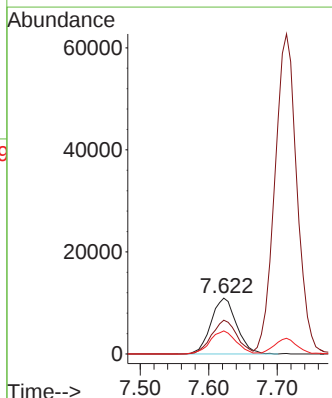
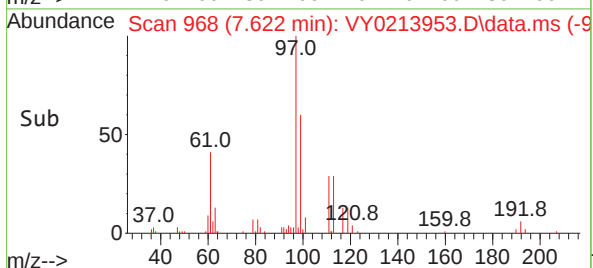
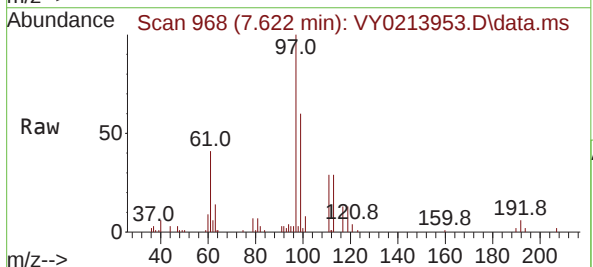


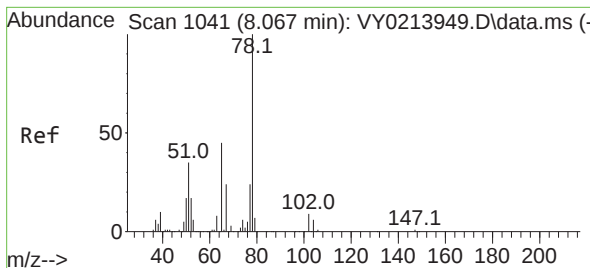
Tgt Ion: 56 Resp: 29806
Ion Ratio Lower Upper
56 100
69 48.6 27.0 40.4#
84 88.5 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 5.734 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 97 Resp: 28207
Ion Ratio Lower Upper
97 100
99 60.1 51.7 77.5
61 42.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.733 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

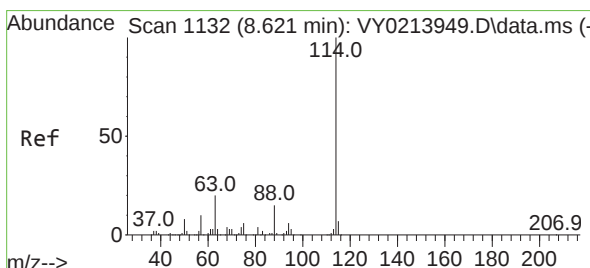
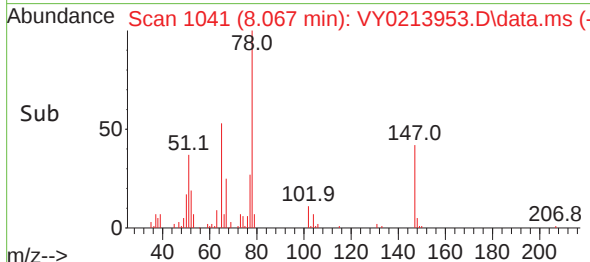
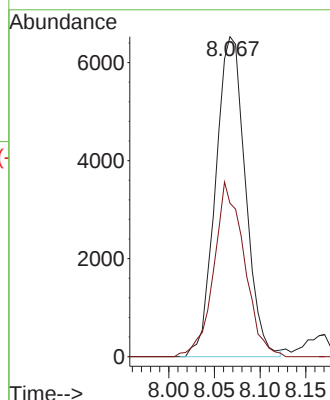
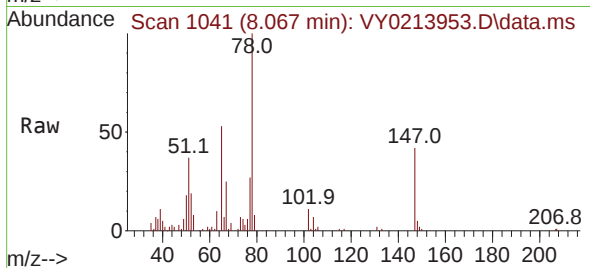
ClientSampleId :

Tgt Ion: 65 Resp: 14848

Ion Ratio Lower Upper

65 100

67 55.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

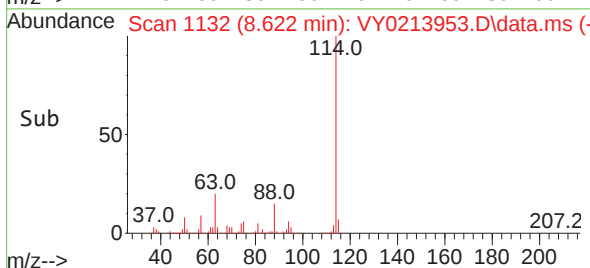
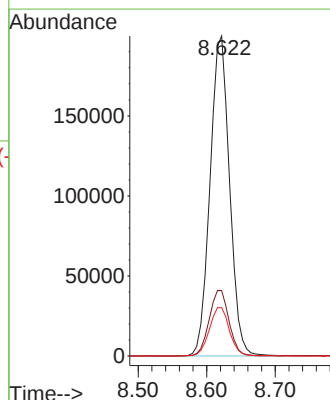
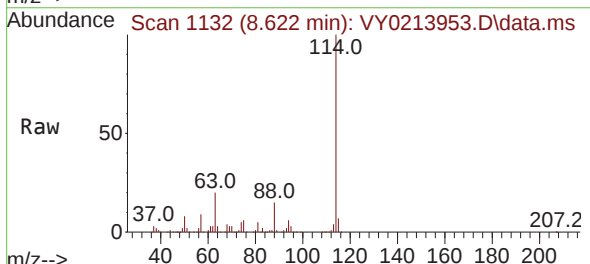
Tgt Ion:114 Resp: 394876

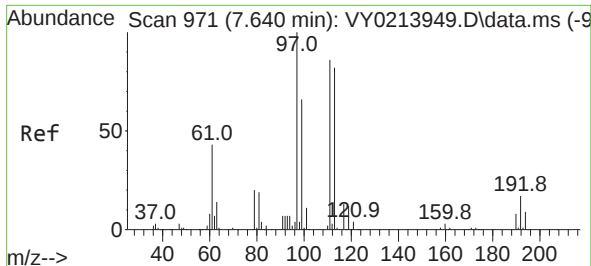
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.1 0.0 30.8

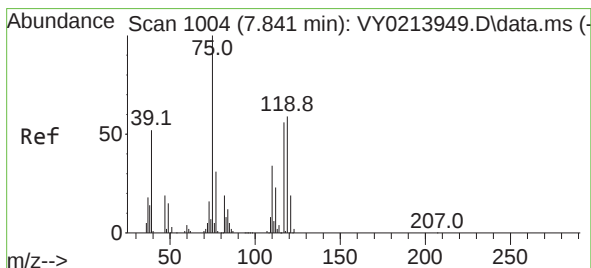
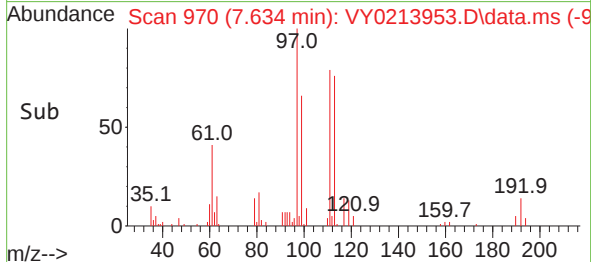
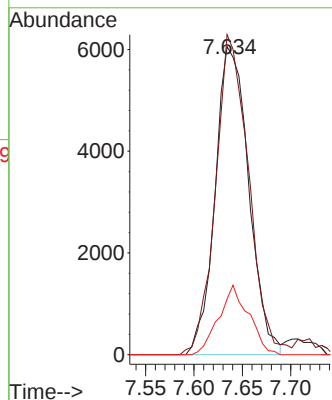
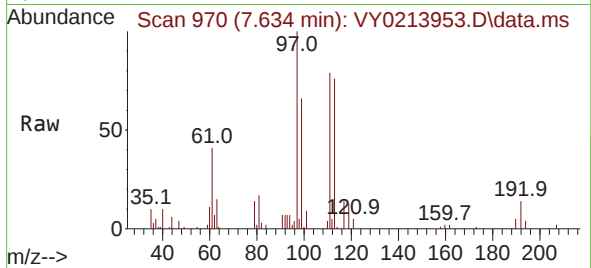




#35
Dibromofluoromethane
Concen: 5.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

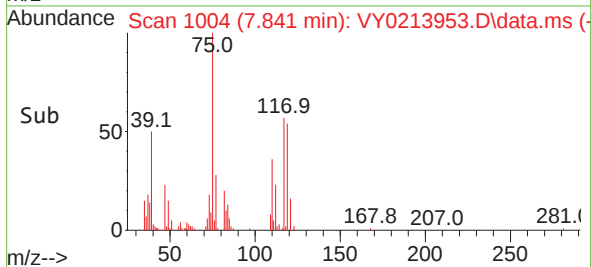
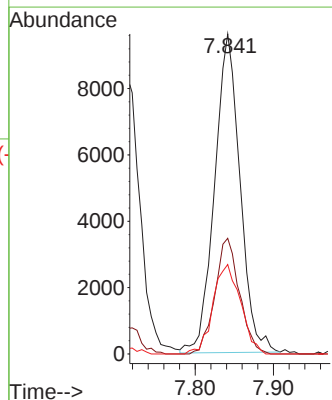
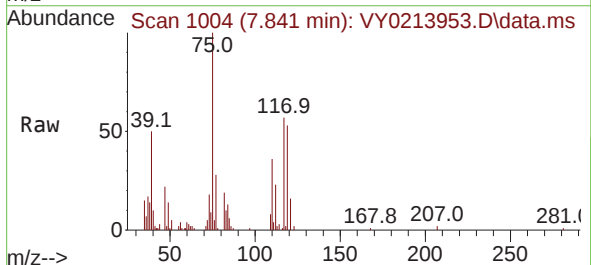
Instrument :
MSVOA_Y
ClientSampleId :

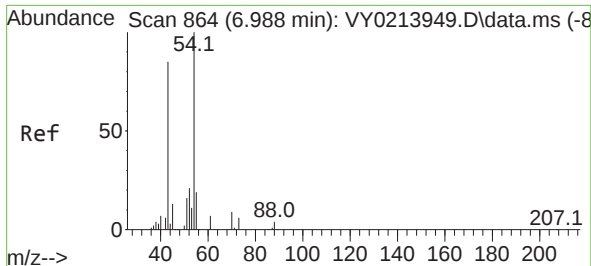
Tgt Ion:113 Resp: 14631
Ion Ratio Lower Upper
113 100
111 102.0 82.0 123.0
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 75 Resp: 21694
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.7
77 30.4 25.4 38.2

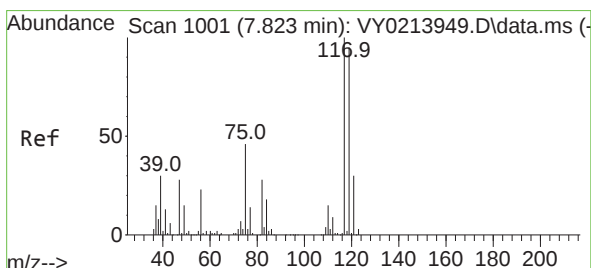
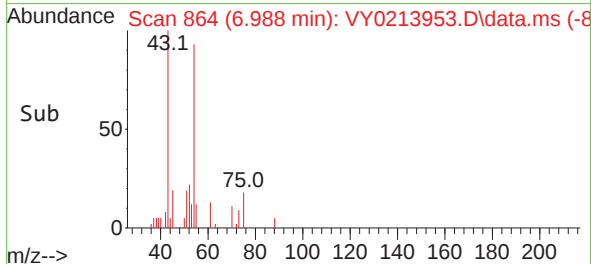
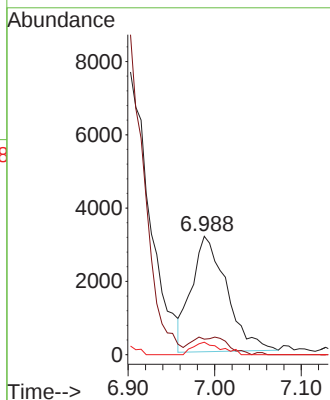
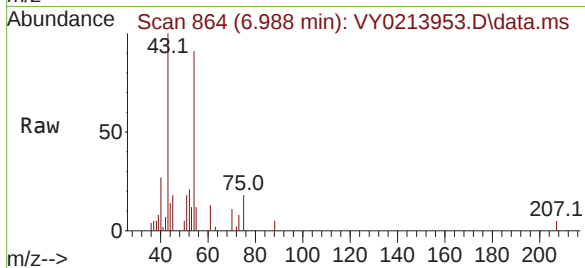




#37
Ethyl Acetate
Concen: 4.846 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

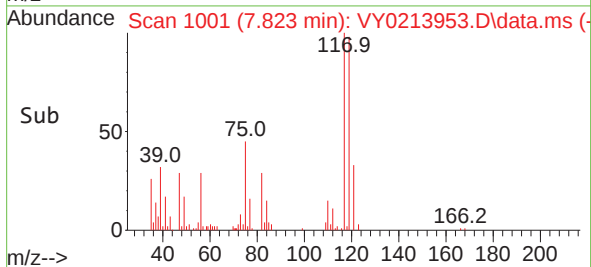
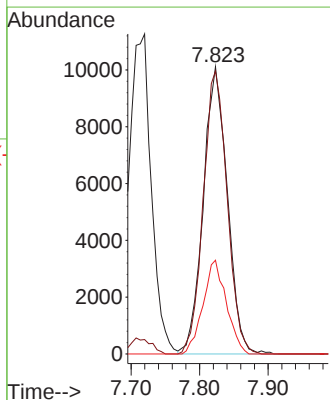
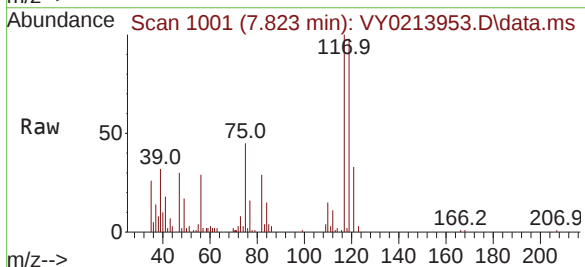
Instrument :
MSVOA_Y
ClientSampleId :

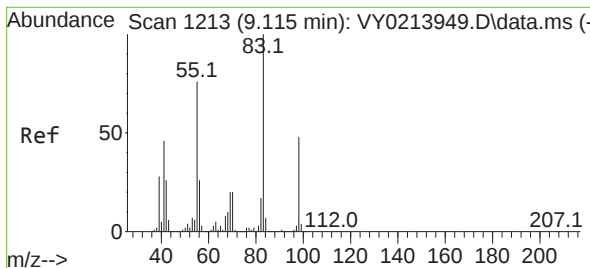
Tgt Ion:	43	Resp:	8882
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.4	17.0
70	8.5	8.2	12.2



#38
Carbon Tetrachloride
Concen: 5.281 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:	117	Resp:	24674
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.8	113.8
121	32.7	23.9	35.9





#39

Methylcyclohexane

Concen: 5.079 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

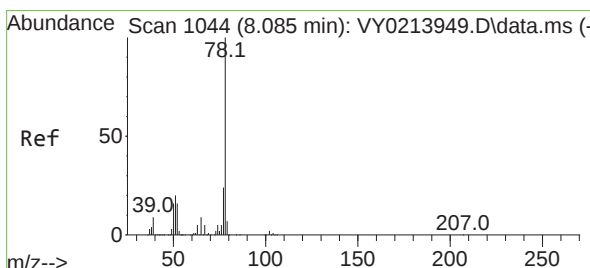
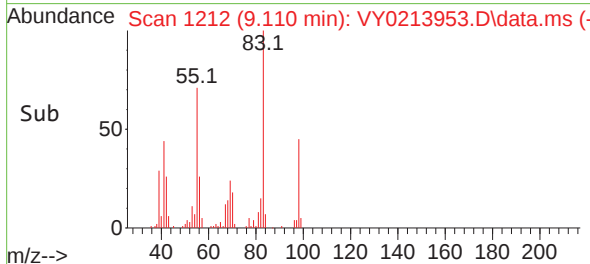
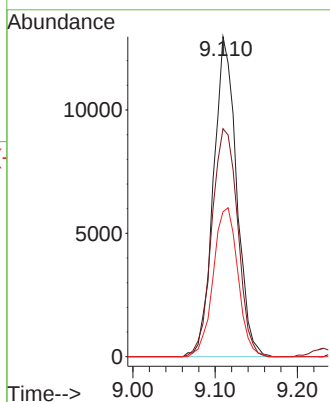
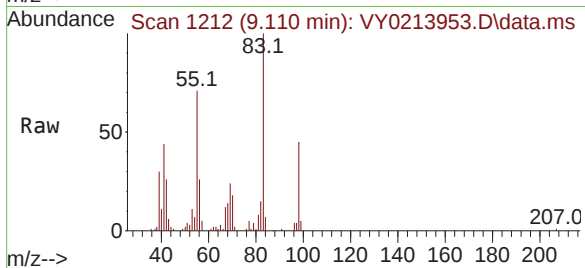
Tgt Ion: 83 Resp: 25312

Ion Ratio Lower Upper

83 100

55 71.2 60.7 91.1

98 45.3 38.6 57.8



#40

Benzene

Concen: 5.339 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY0213953.D

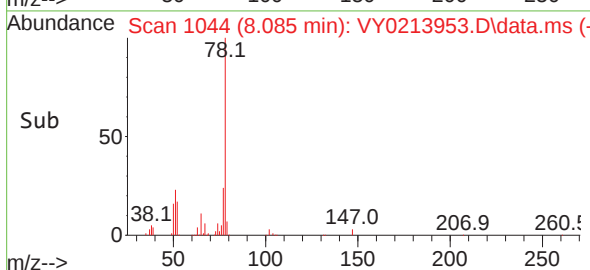
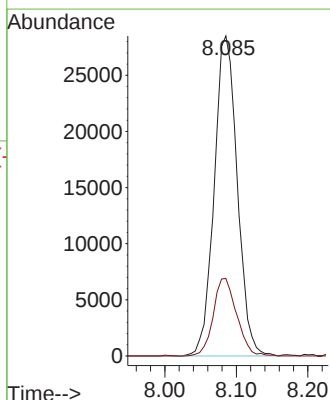
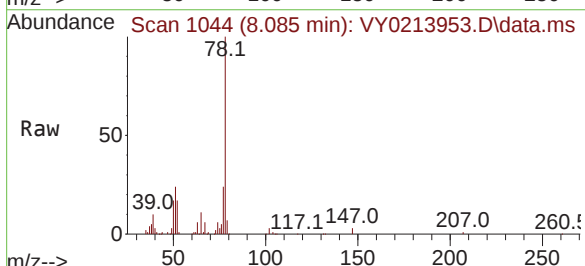
Acq: 04 Mar 2025 12:15

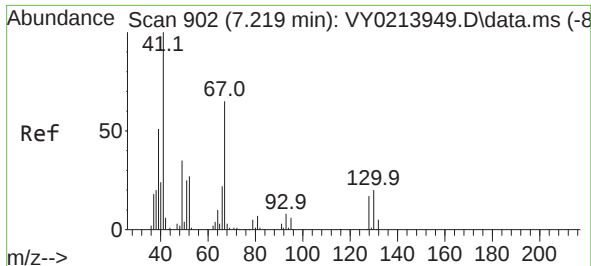
Tgt Ion: 78 Resp: 63894

Ion Ratio Lower Upper

78 100

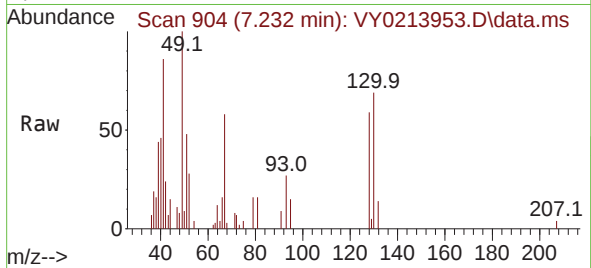
77 24.2 19.0 28.4



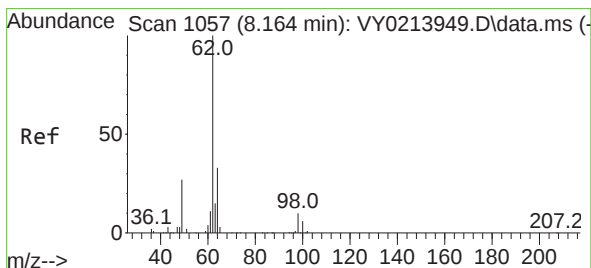
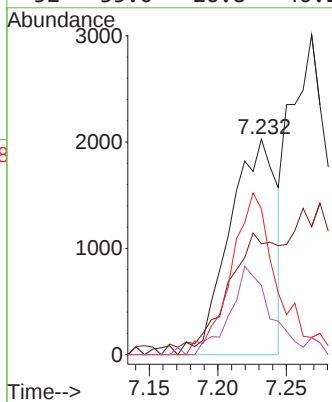
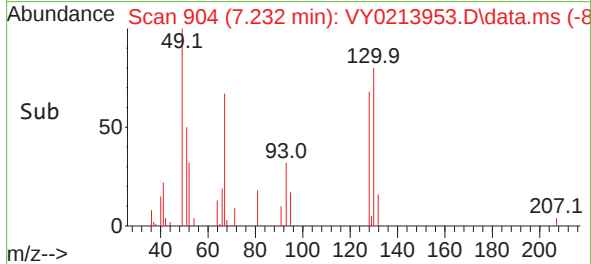


#41
Methacrylonitrile
Concen: 4.834 ug/l
RT: 7.232 min Scan# 902
Delta R.T. 0.013 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :

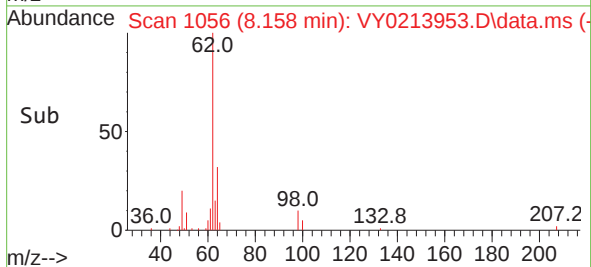
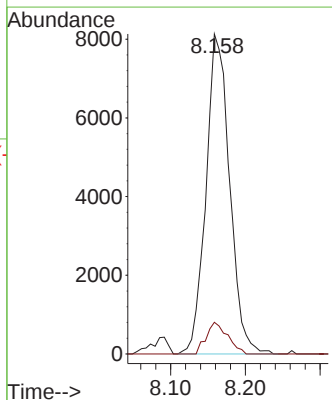
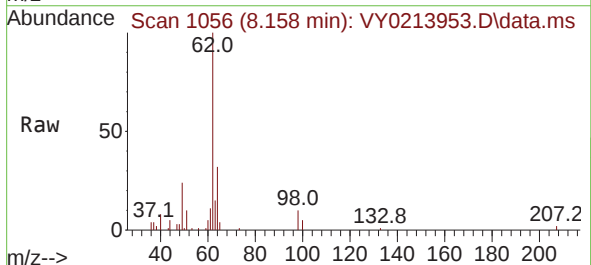


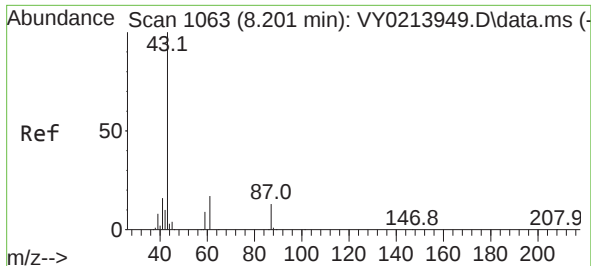
Tgt Ion: 41	Resp: 4825
Ion Ratio	Lower Upper
41 100	
39 60.3	35.0 52.6#
67 74.9	61.2 91.8
52 35.0	26.8 40.2



#42
1,2-Dichloroethane
Concen: 5.348 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

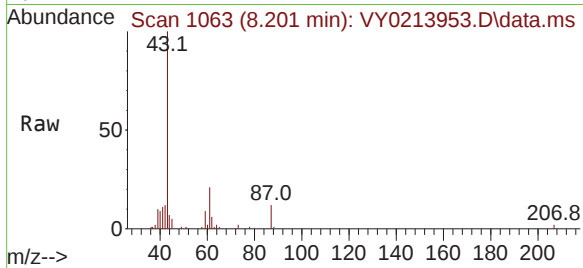
Tgt Ion: 62	Resp: 17906
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.2



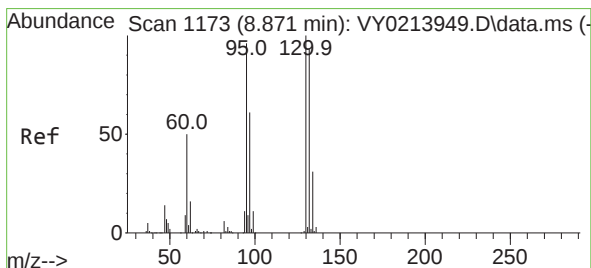
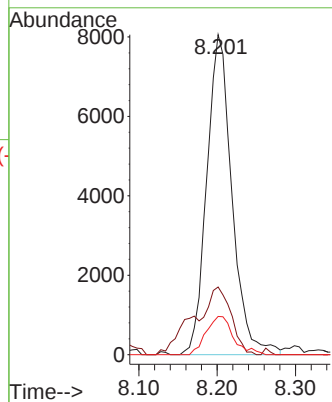
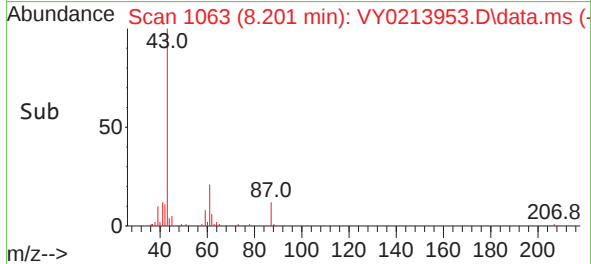


#43
Isopropyl Acetate
Concen: 5.168 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Instrument :
MSVOA_Y
ClientSampleId :

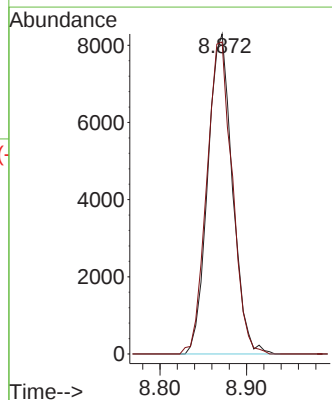
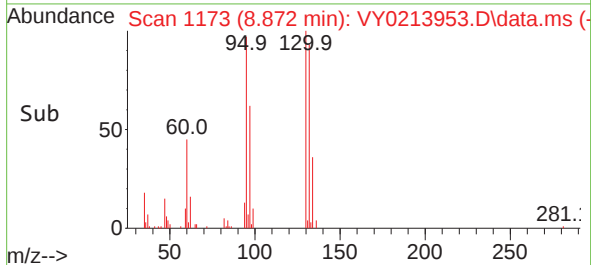
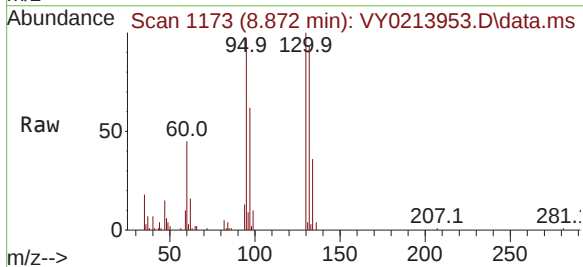


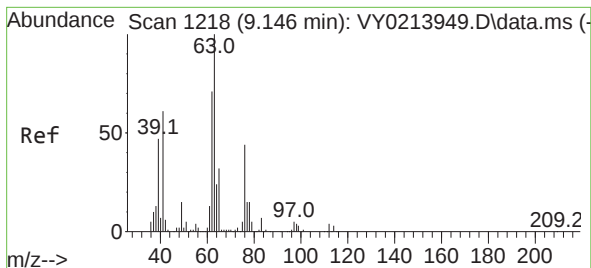
Tgt Ion: 43 Resp: 18016
Ion Ratio Lower Upper
43 100
61 31.1 23.4 35.0
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 5.417 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:130 Resp: 16384
Ion Ratio Lower Upper
130 100
95 97.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 5.372 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

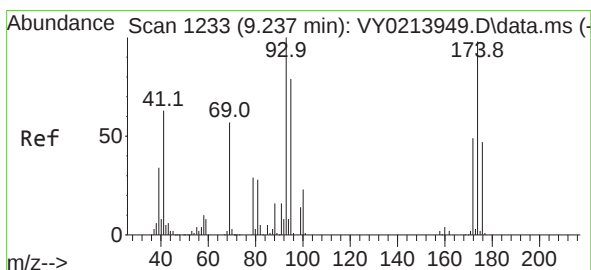
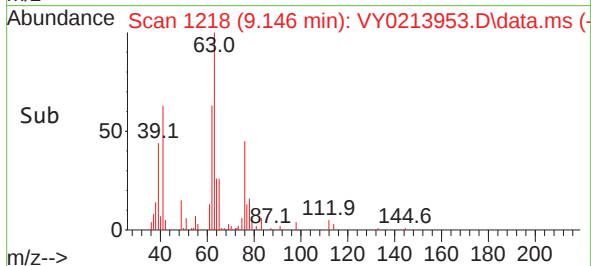
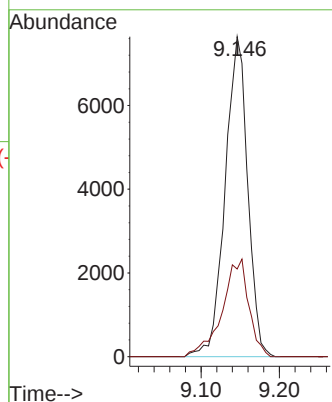
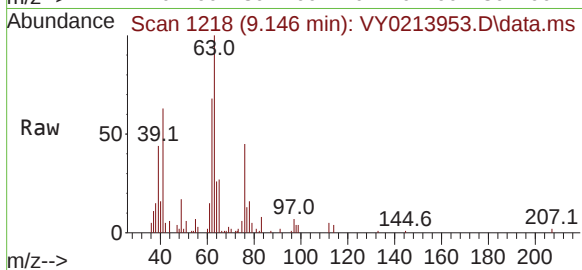
ClientSampleId :

Tgt Ion: 63 Resp: 15302

Ion Ratio Lower Upper

63 100

65 27.4 26.0 39.0



#46

Dibromomethane

Concen: 5.181 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

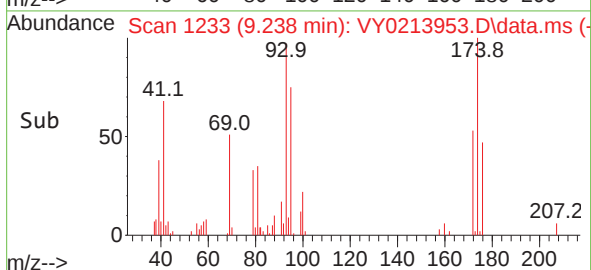
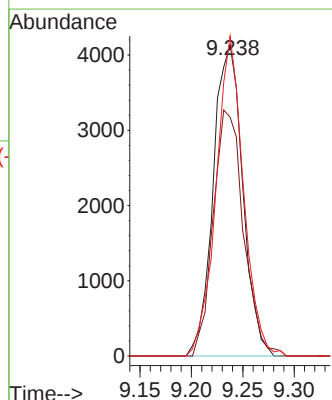
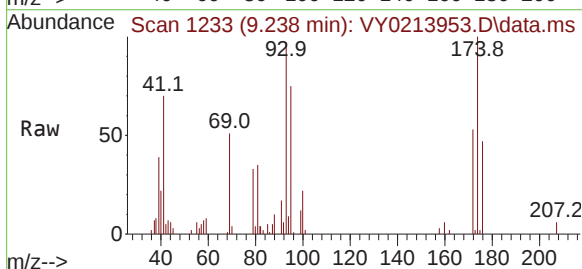
Tgt Ion: 93 Resp: 8211

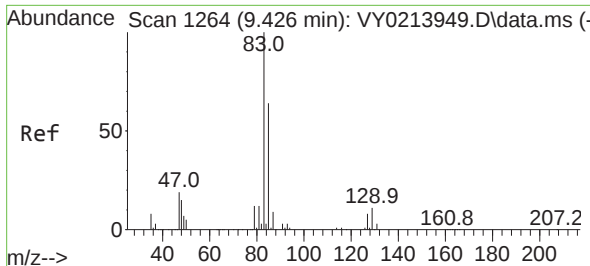
Ion Ratio Lower Upper

93 100

95 81.5 65.8 98.8

174 95.9 77.9 116.9

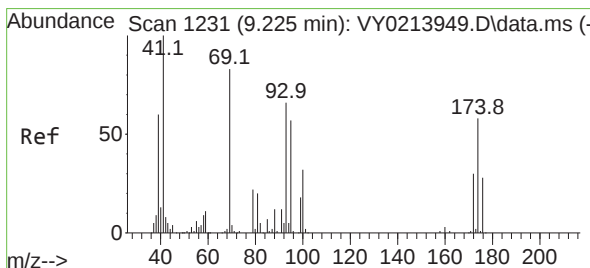
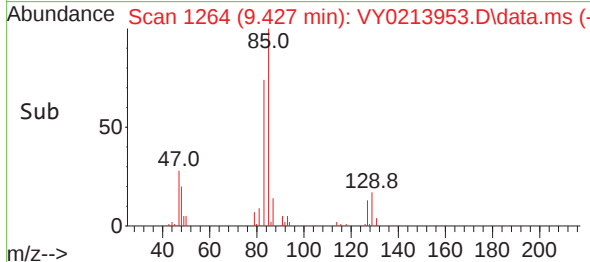
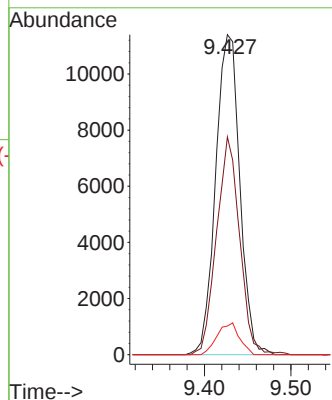
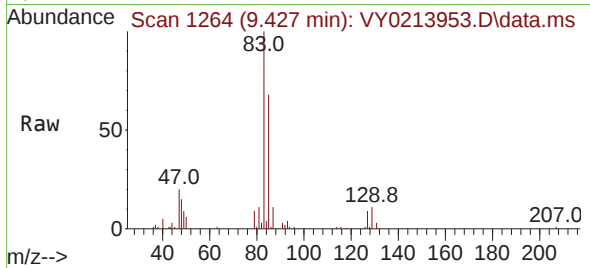




#47
Bromodichloromethane
Concen: 5.247 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

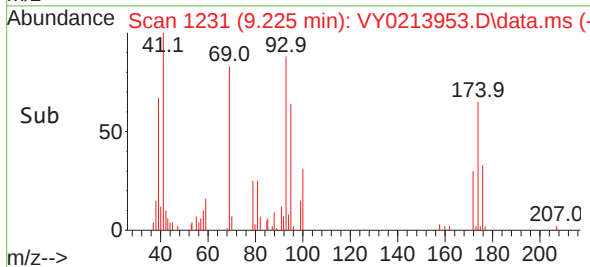
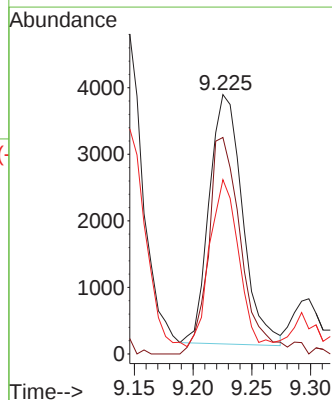
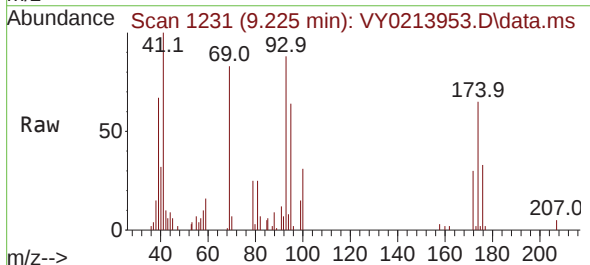
Instrument :
MSVOA_Y
ClientSampleId :

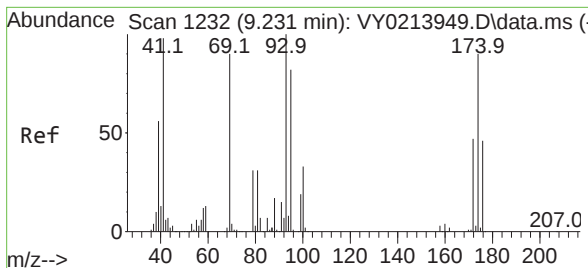
Tgt Ion: 83 Resp: 22083
Ion Ratio Lower Upper
83 100
85 68.0 51.1 76.7
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 4.568 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 41 Resp: 7383
Ion Ratio Lower Upper
41 100
69 87.1 67.8 101.8
39 59.5 46.4 69.6





#49

1,4-Dioxane

Concen: 91.537 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

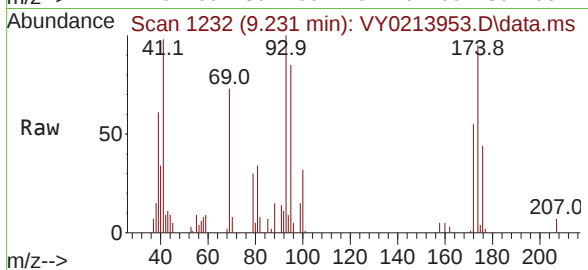
Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :



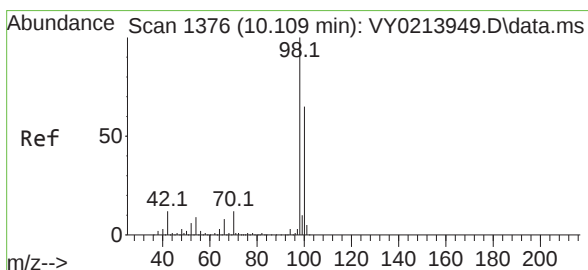
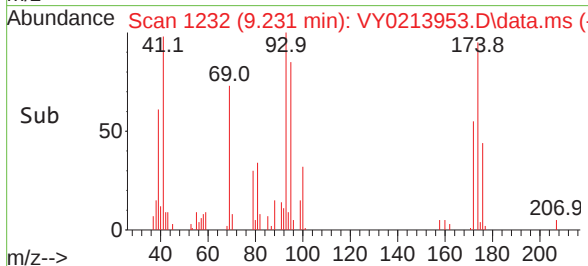
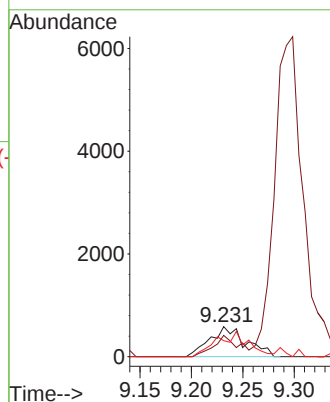
Tgt Ion: 88 Resp: 1424

Ion Ratio Lower Upper

88 100

43 48.4 25.0 37.4#

58 74.3 58.4 87.6



#50

Toluene-d8

Concen: 5.562 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY0213953.D

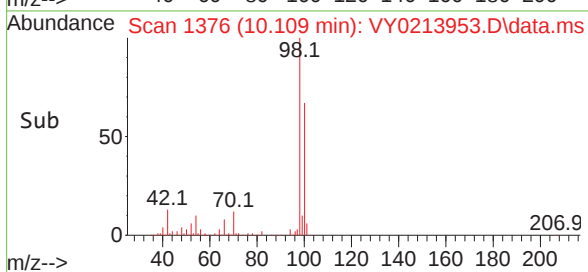
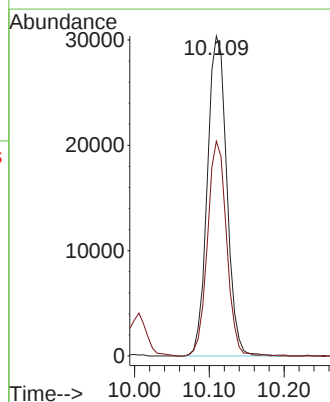
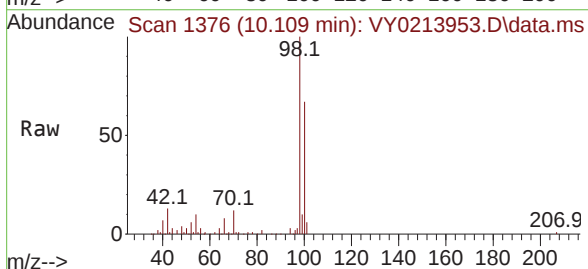
Acq: 04 Mar 2025 12:15

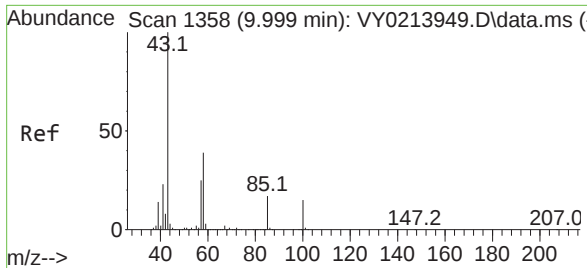
Tgt Ion: 98 Resp: 54665

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1

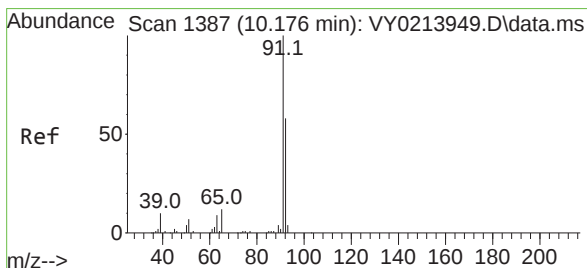
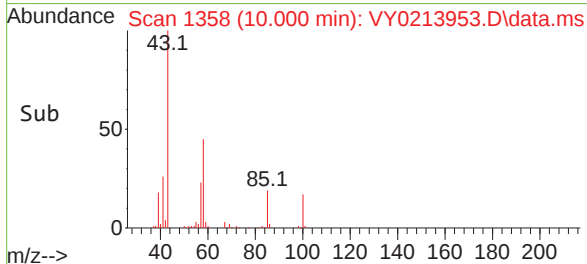
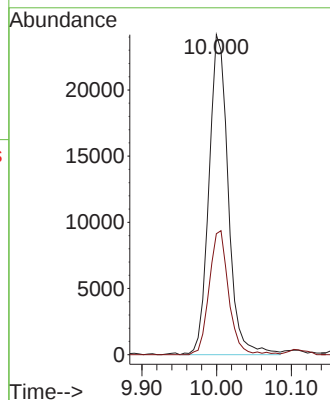
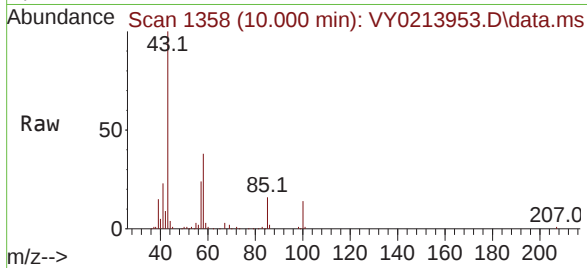




#51
4-Methyl-2-Pentanone
Concen: 24.077 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

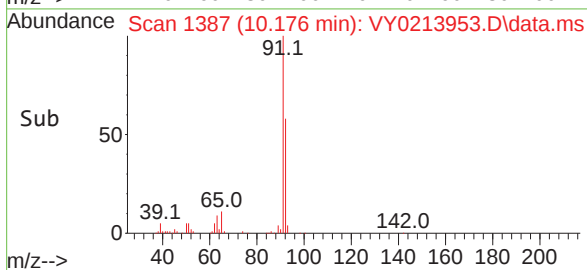
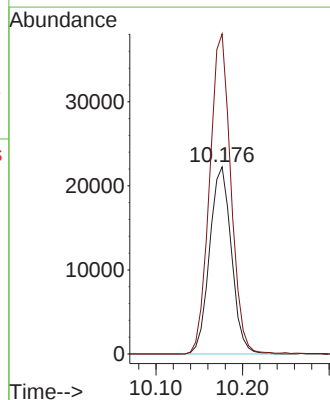
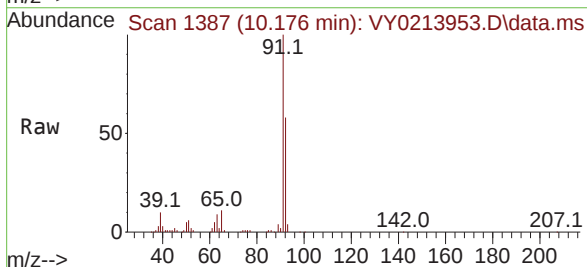
Instrument :
MSVOA_Y
ClientSampleId :

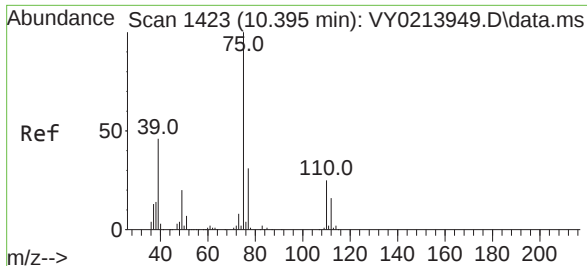
Tgt Ion: 43 Resp: 43306
Ion Ratio Lower Upper
43 100
58 39.1 31.4 47.2



#52
Toluene
Concen: 5.146 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 92 Resp: 38833
Ion Ratio Lower Upper
92 100
91 167.3 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 4.905 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

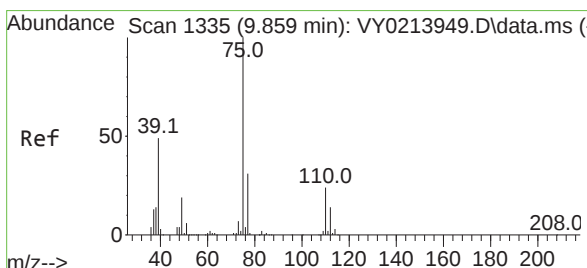
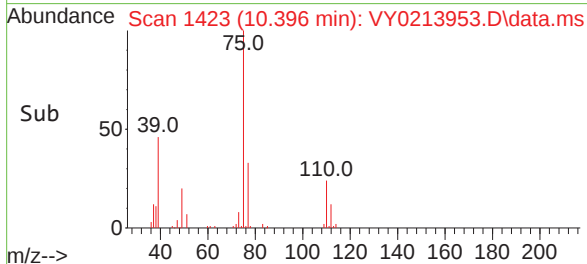
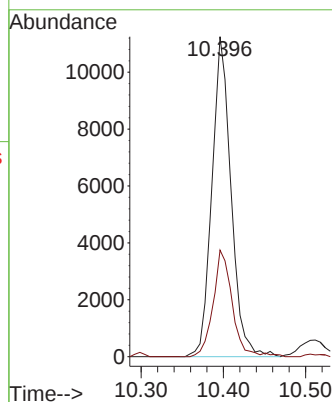
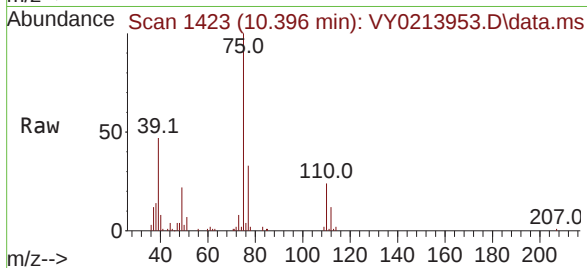
ClientSampleId :

Tgt Ion: 75 Resp: 18188

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 5.111 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

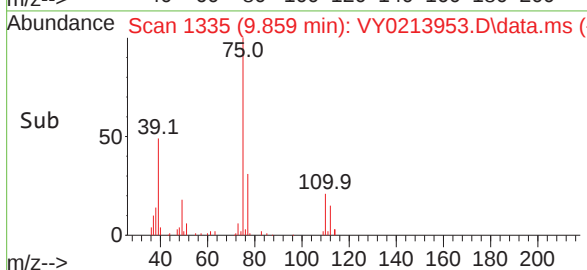
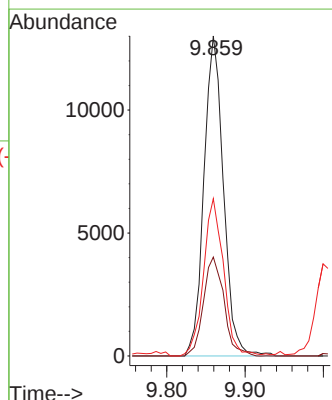
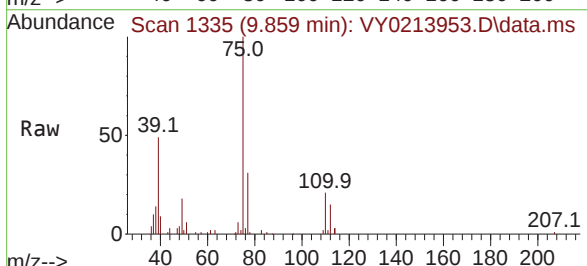
Tgt Ion: 75 Resp: 22504

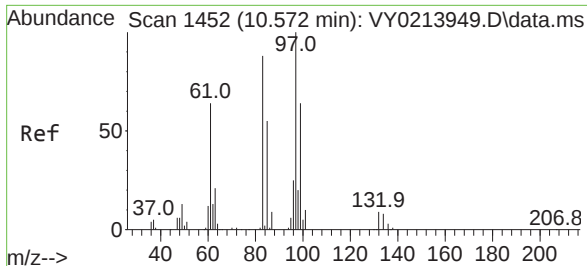
Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 5.227 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

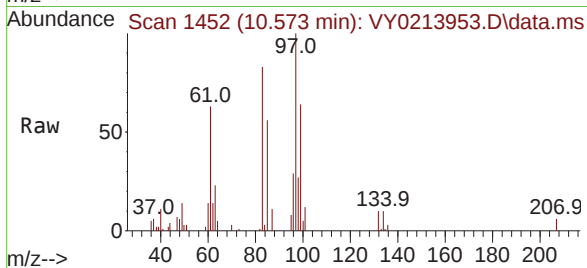
Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 10837

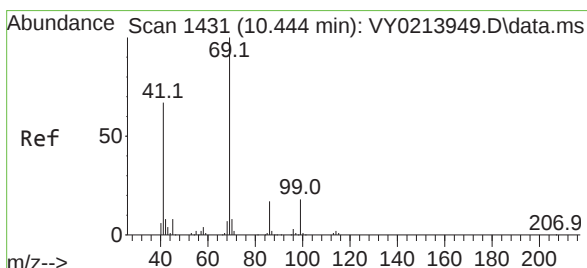
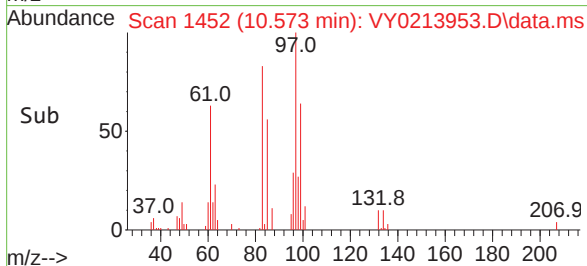
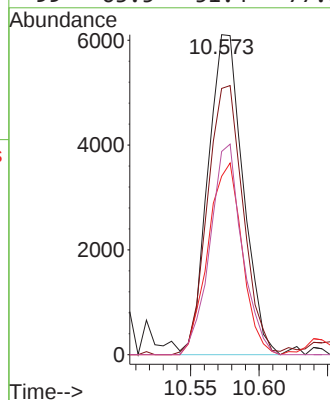
Ion Ratio Lower Upper

97 100

83 82.3 70.0 105.0

85 55.8 44.3 66.5

99 63.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 4.340 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

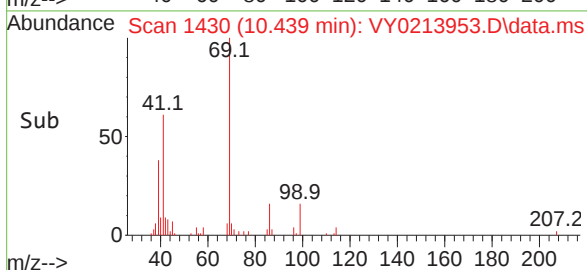
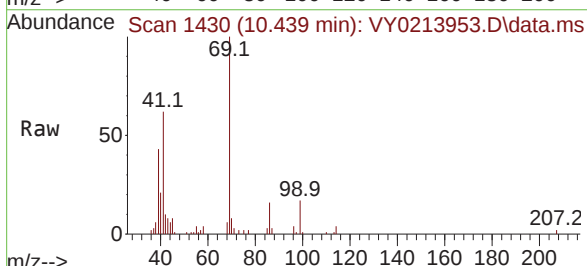
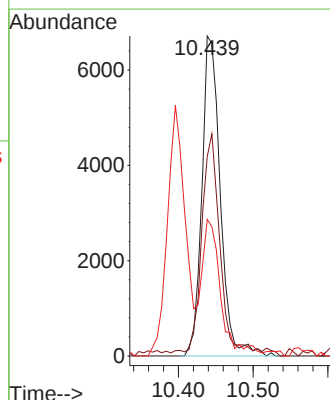
Tgt Ion: 69 Resp: 11475

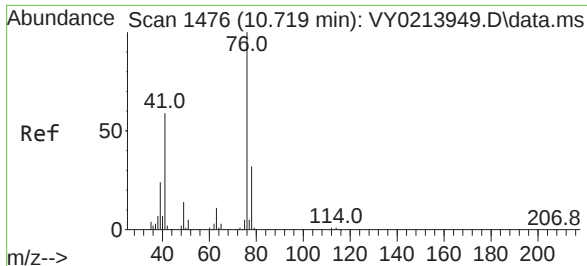
Ion Ratio Lower Upper

69 100

41 67.3 53.3 79.9

39 42.8 31.0 46.6





#57

1,3-Dichloropropane

Concen: 5.115 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

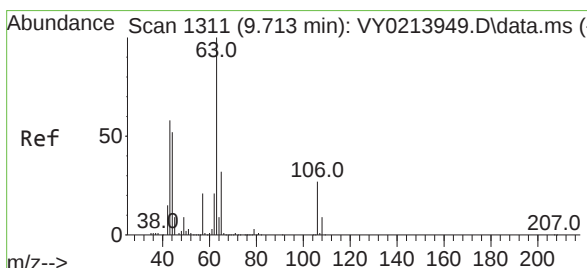
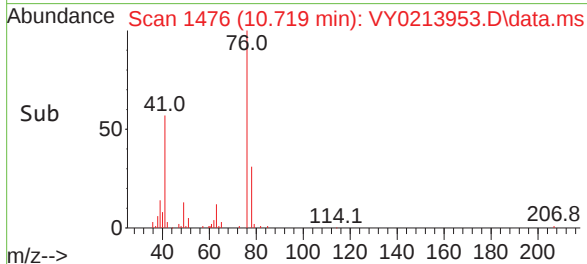
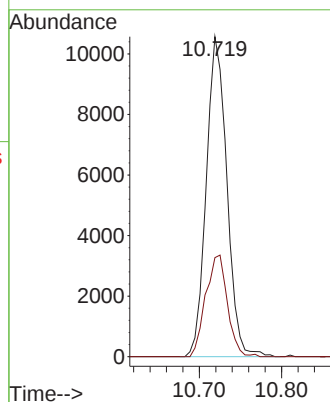
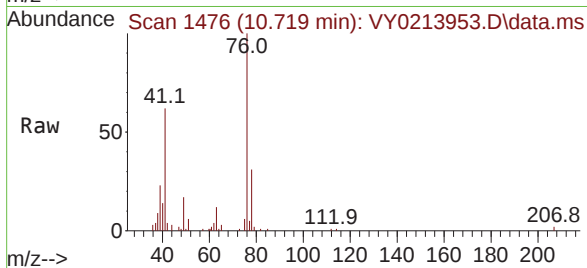
ClientSampleId :

Tgt Ion: 76 Resp: 18380

Ion Ratio Lower Upper

76 100

78 33.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 22.045 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.007 min

Lab File: VY0213953.D

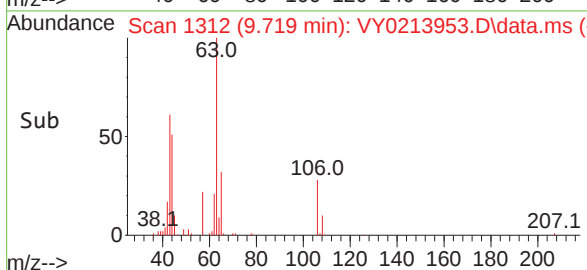
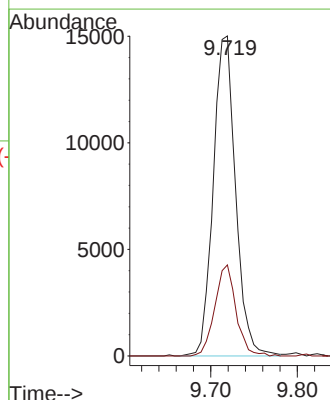
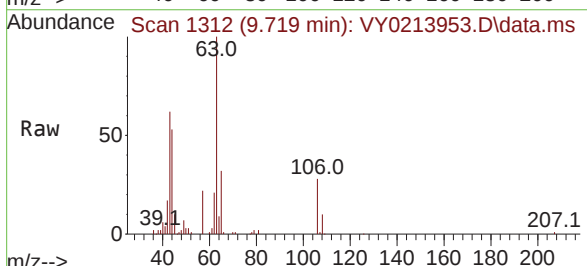
Acq: 04 Mar 2025 12:15

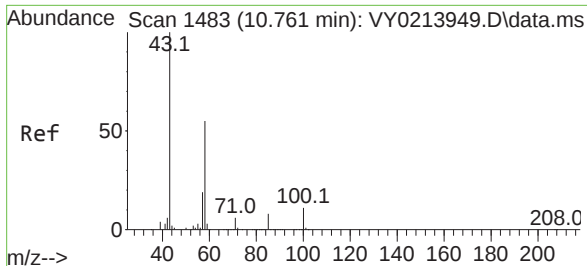
Tgt Ion: 63 Resp: 26908

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1





#59

2-Hexanone

Concen: 23.073 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

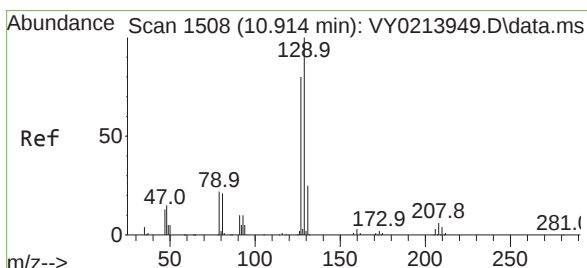
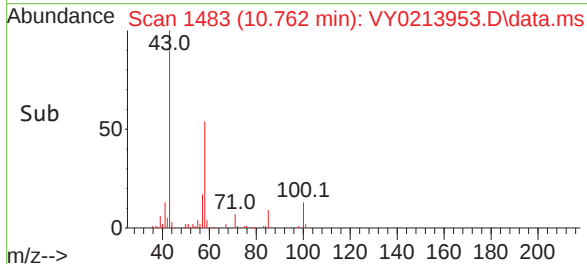
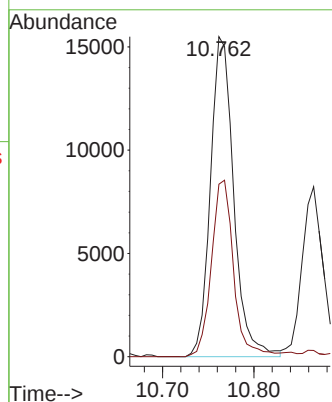
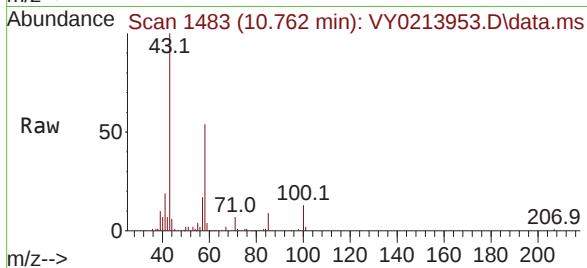
ClientSampleId :

Tgt Ion: 43 Resp: 27441

Ion Ratio Lower Upper

43 100

58 52.5 27.3 81.8



#60

Dibromochloromethane

Concen: 5.197 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY0213953.D

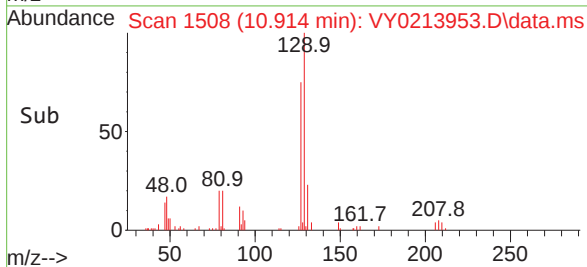
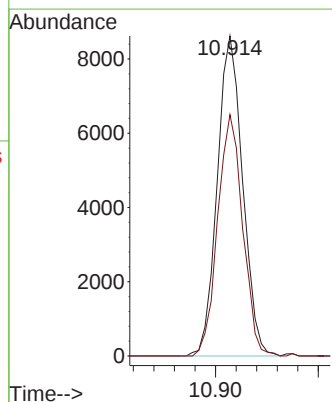
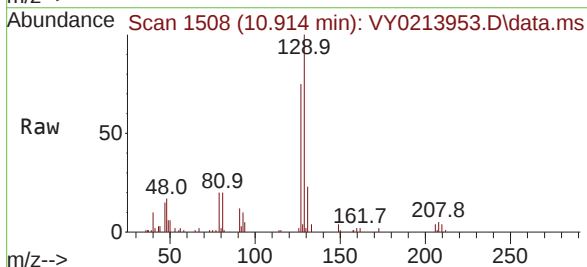
Acq: 04 Mar 2025 12:15

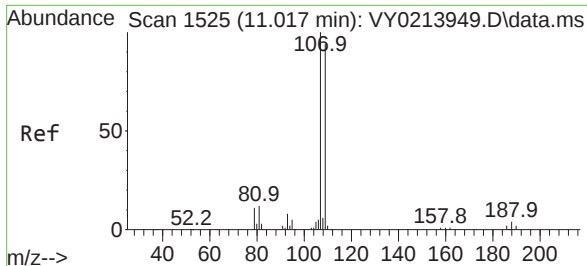
Tgt Ion: 129 Resp: 14771

Ion Ratio Lower Upper

129 100

127 74.3 39.1 117.3

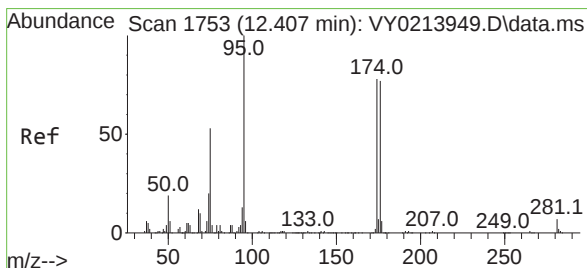
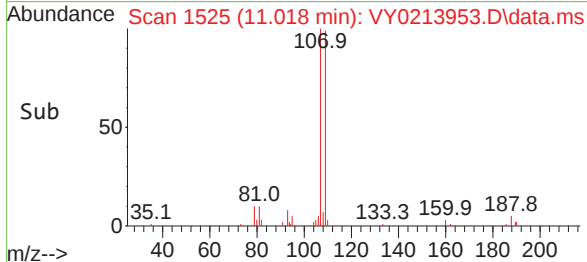
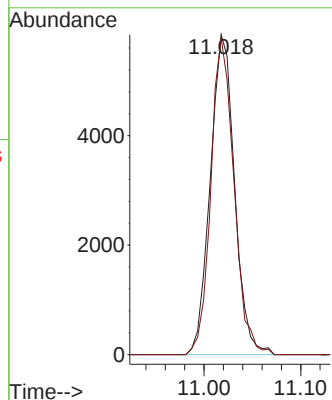
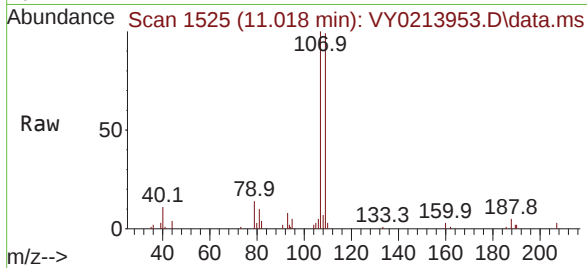




#61
1,2-Dibromoethane
Concen: 5.207 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

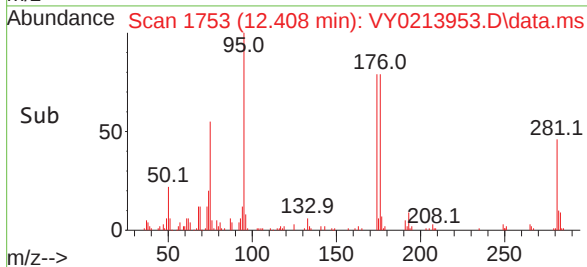
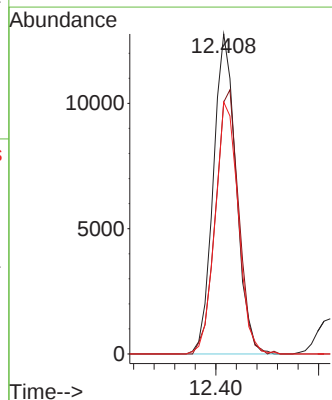
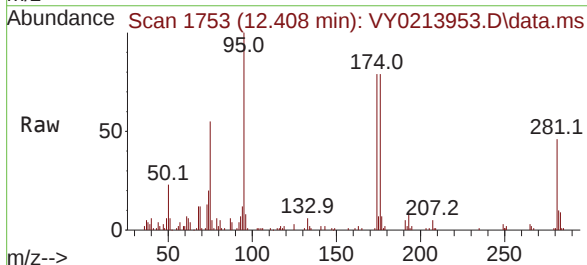
Instrument :
MSVOA_Y
ClientSampleId :

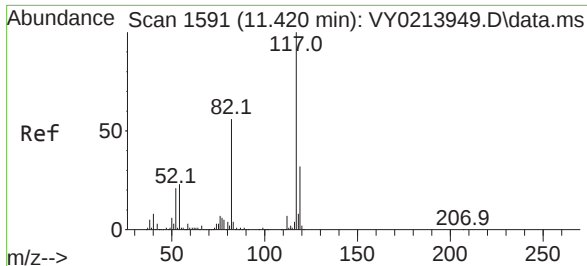
Tgt Ion:107 Resp: 10188
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 5.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 95 Resp: 19663
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 79.9 0.0 160.0

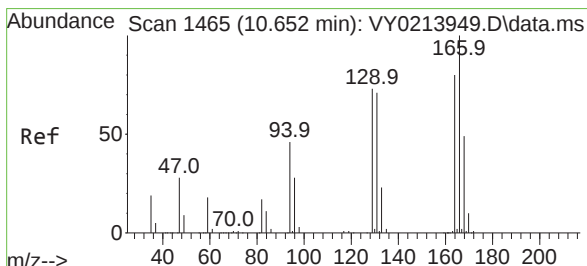
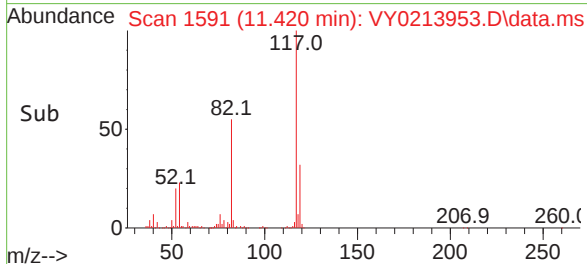
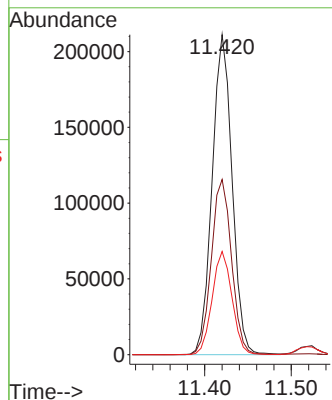
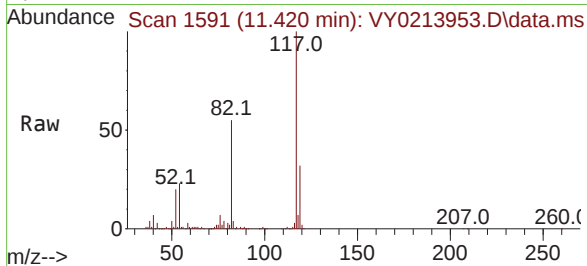




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

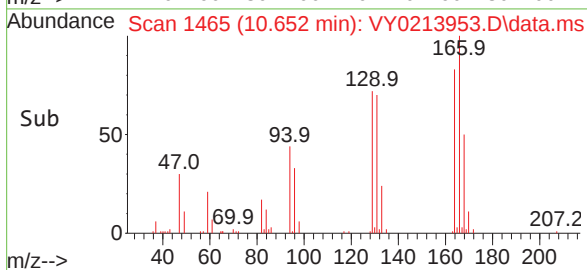
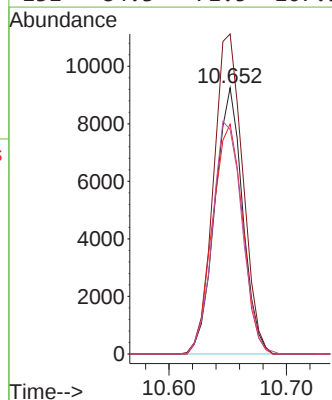
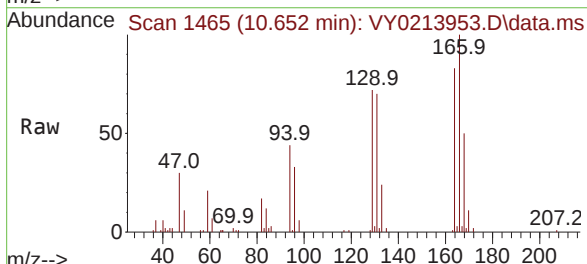
Instrument :
MSVOA_Y
ClientSampleId :

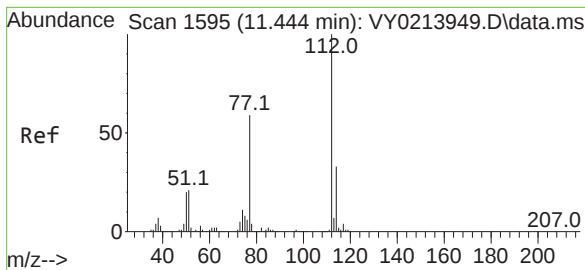
Tgt Ion:117 Resp: 337621
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 5.518 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:164 Resp: 15148
Ion Ratio Lower Upper
164 100
166 120.2 100.4 150.6
129 86.3 73.8 110.8
131 84.3 71.5 107.3

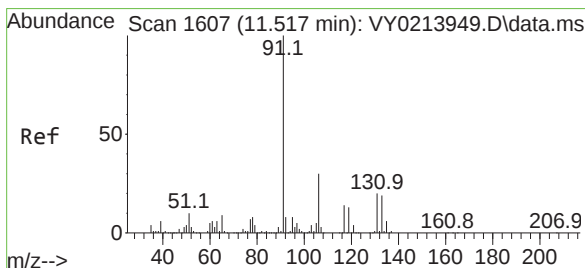
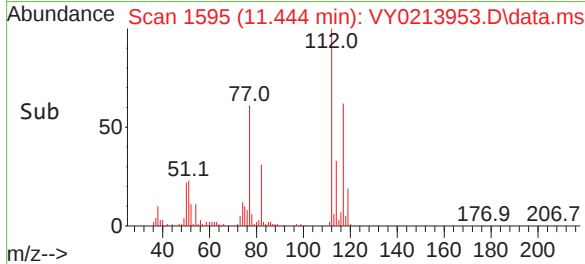
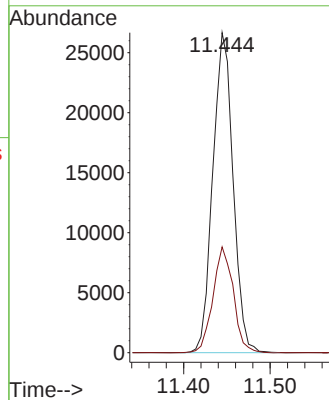
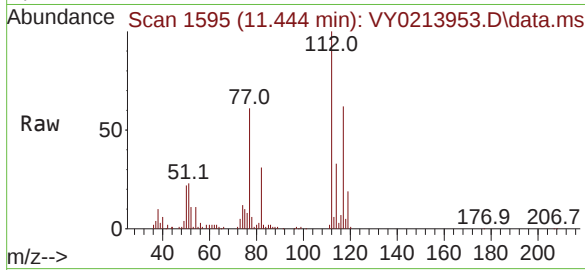




#65
Chlorobenzene
Concen: 5.434 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

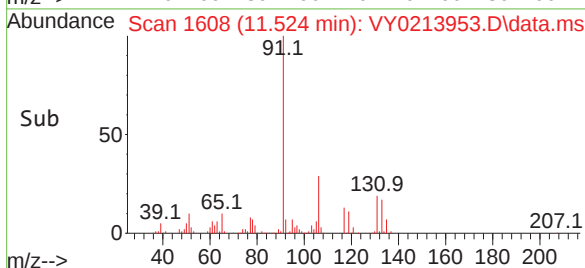
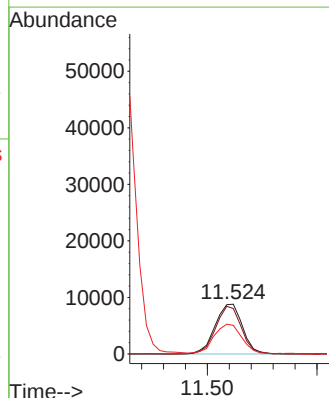
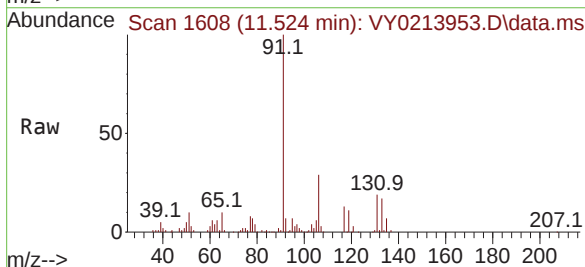
Instrument :
MSVOA_Y
ClientSampleId :

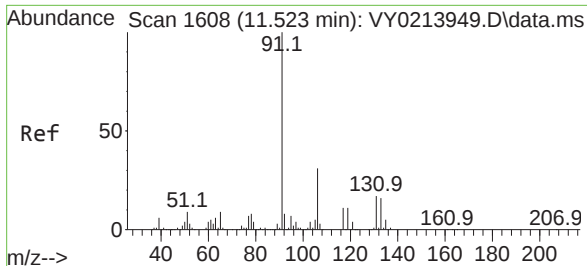
Tgt Ion:112 Resp: 43322
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.007 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:131 Resp: 15173
Ion Ratio Lower Upper
131 100
133 90.8 47.6 142.9
119 61.8 32.3 96.9





#67

Ethyl Benzene

Concen: 5.102 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

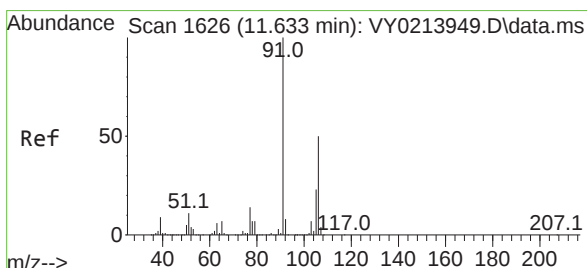
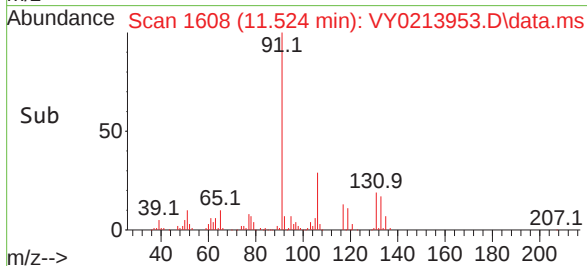
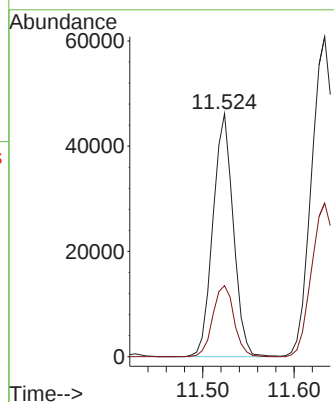
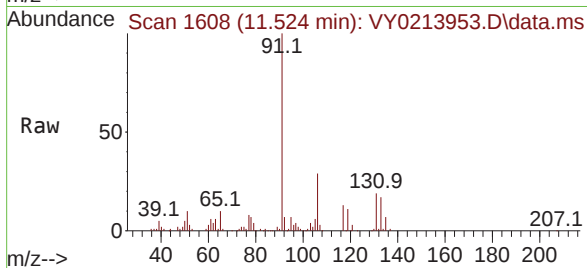
ClientSampleId :

Tgt Ion: 91 Resp: 71391

Ion Ratio Lower Upper

91 100

106 29.2 24.6 36.8



#68

m/p-Xylenes

Concen: 10.132 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY0213953.D

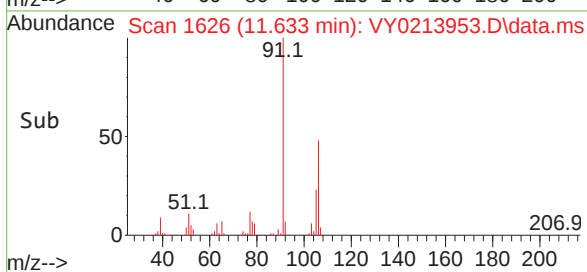
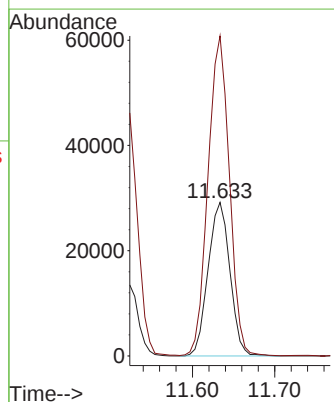
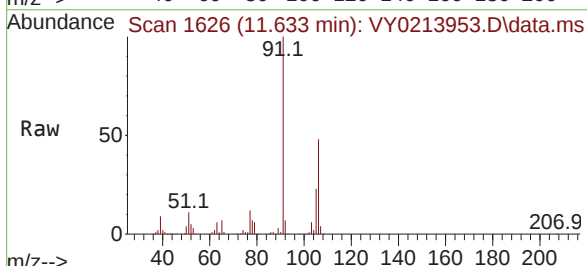
Acq: 04 Mar 2025 12:15

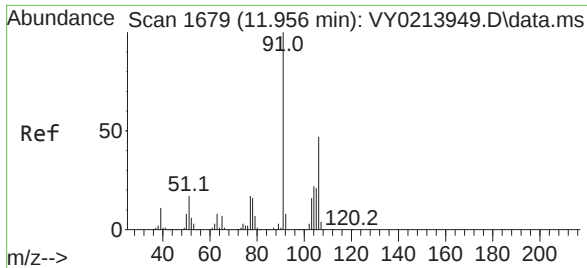
Tgt Ion:106 Resp: 53829

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5

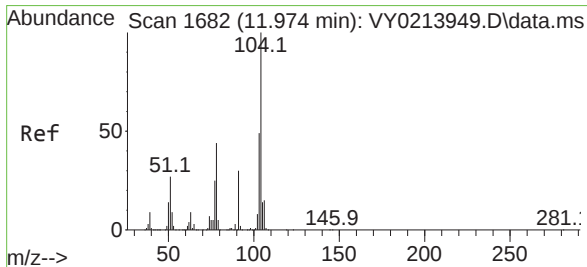
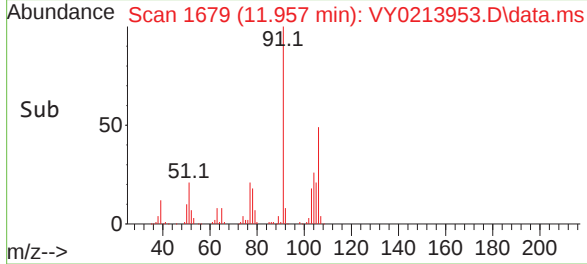
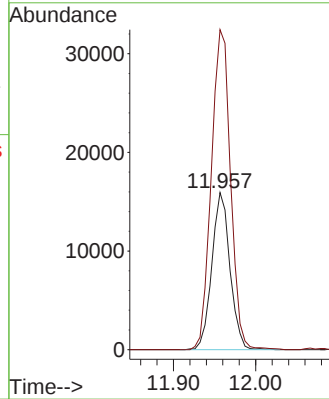
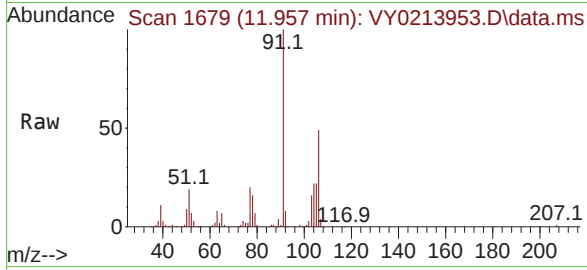




#69
o-Xylene
Concen: 4.988 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

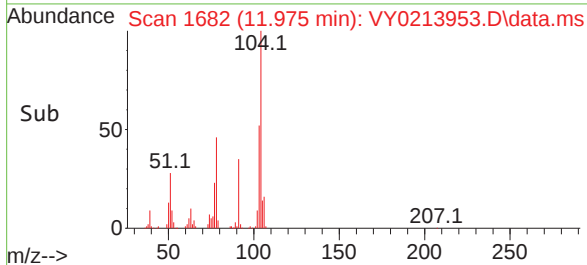
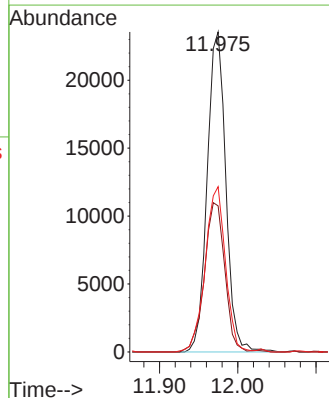
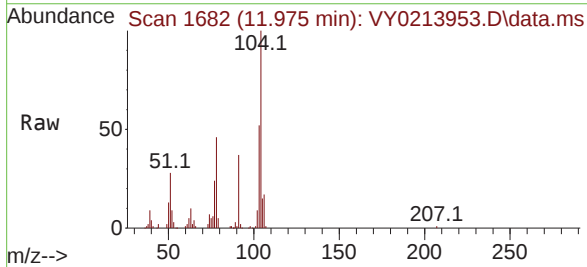
Instrument :
MSVOA_Y
ClientSampleId :

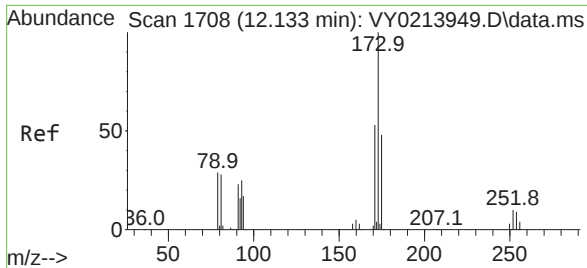
Tgt Ion:106 Resp: 24421
Ion Ratio Lower Upper
106 100
91 215.9 107.6 322.8



#70
Styrene
Concen: 4.784 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:104 Resp: 38858
Ion Ratio Lower Upper
104 100
78 51.0 40.7 61.1
103 56.3 44.1 66.1

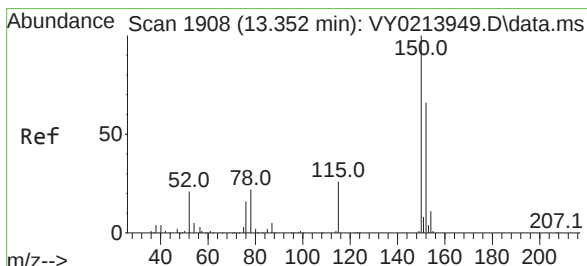
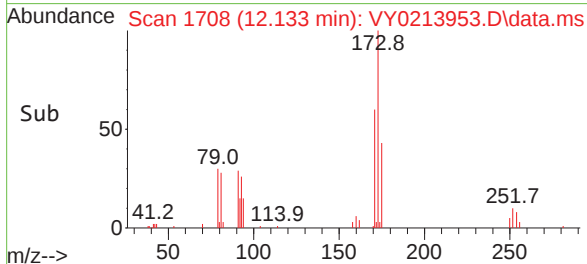
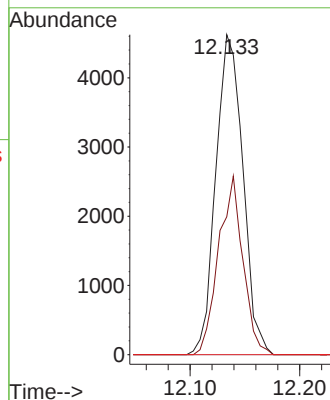
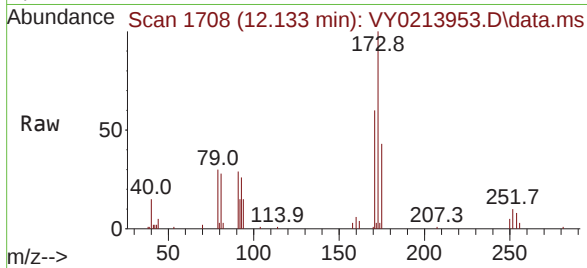




#71
Bromoform
Concen: 5.035 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

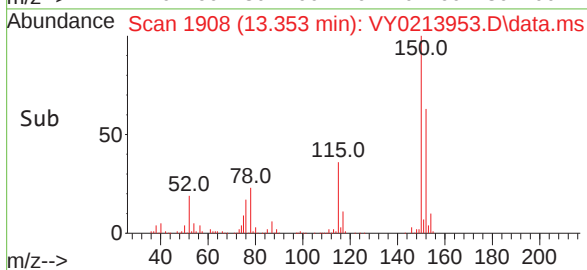
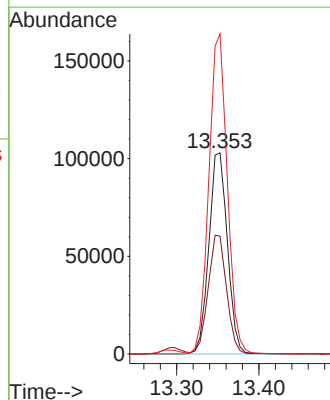
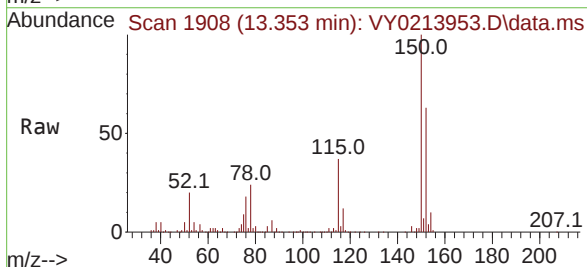
Instrument :
MSVOA_Y
ClientSampleId :

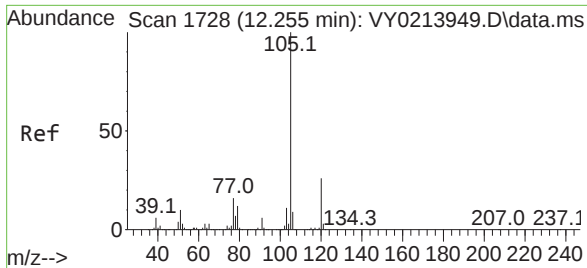
Tgt Ion:173 Resp: 7934
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion:152 Resp: 161080
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 158.3 0.0 347.2

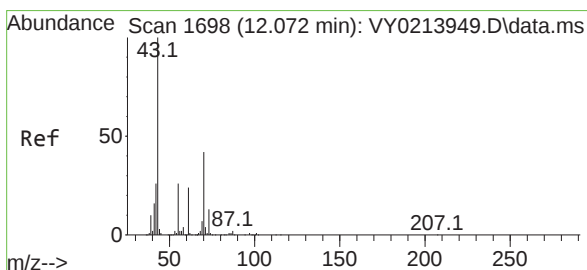
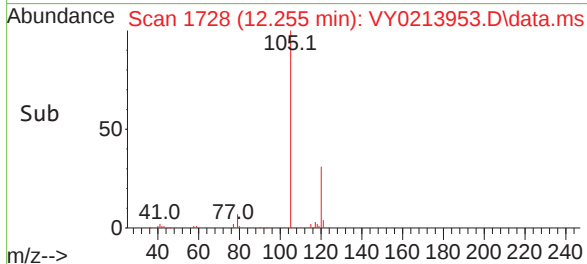
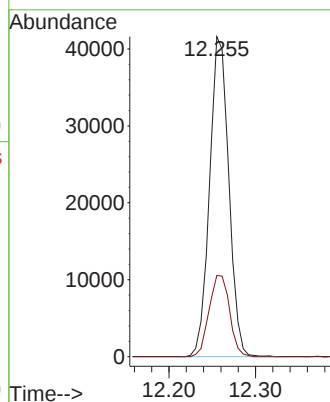
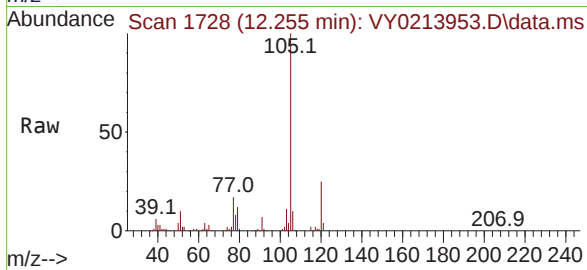




#73
Isopropylbenzene
Concen: 5.049 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

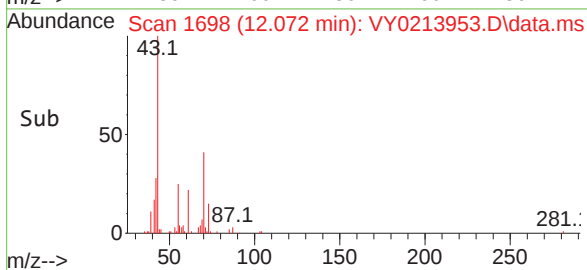
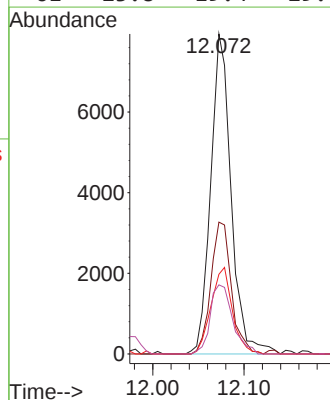
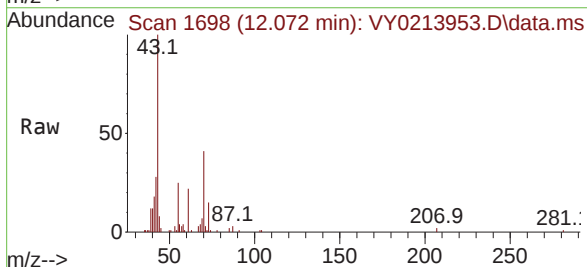
Instrument :
MSVOA_Y
ClientSampleId :

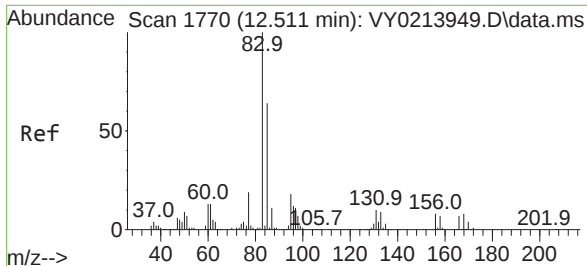
Tgt Ion:105 Resp: 64065
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.3



#74
N-ethyl acetate
Concen: 4.470 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 43 Resp: 12319
Ion Ratio Lower Upper
43 100
70 41.2 34.6 51.8
55 28.2 21.1 31.7
61 23.8 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.299 ug/l

RT: 12.505 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

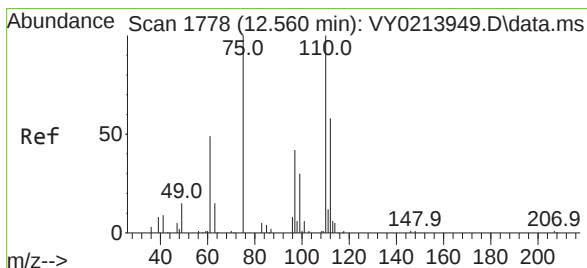
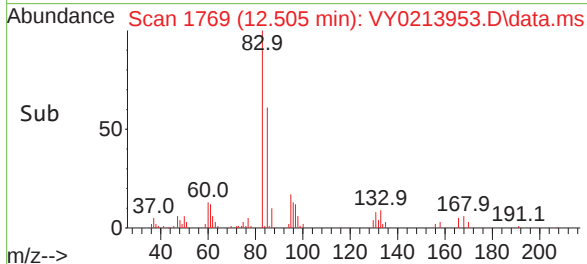
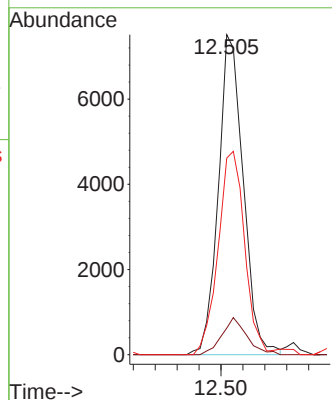
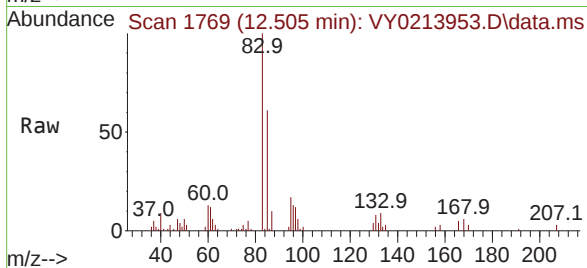
Tgt Ion: 83 Resp: 11865

Ion Ratio Lower Upper

83 100

131 11.6 5.3 16.1

85 67.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 9.711 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY0213953.D

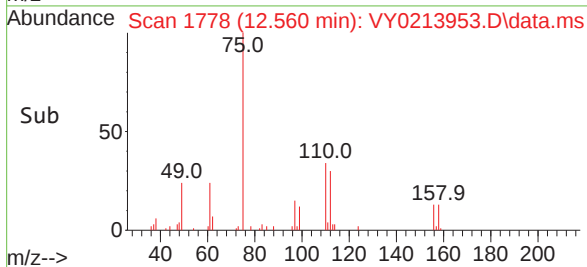
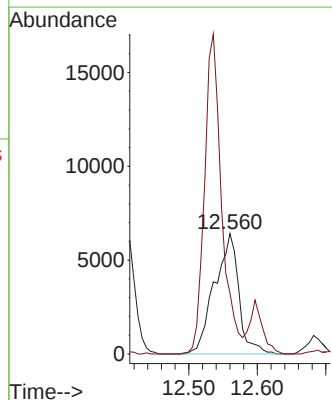
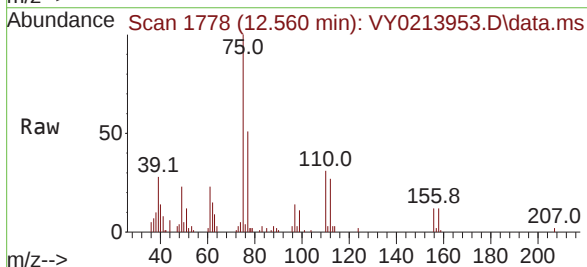
Acq: 04 Mar 2025 12:15

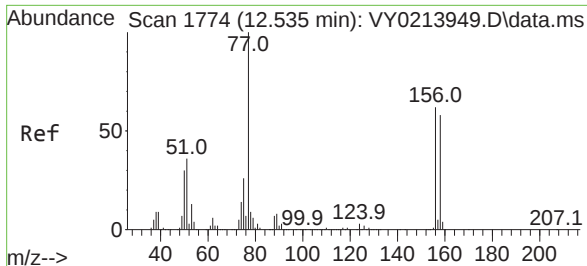
Tgt Ion: 75 Resp: 15763

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

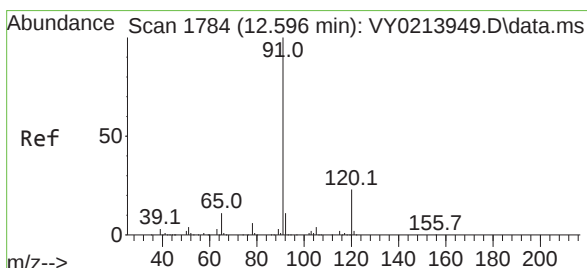
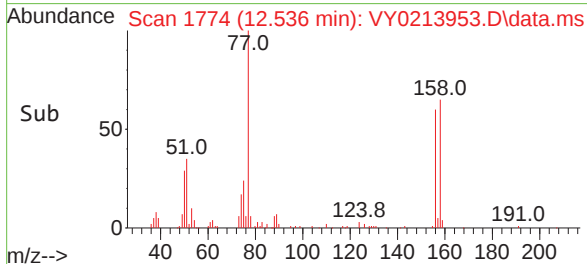
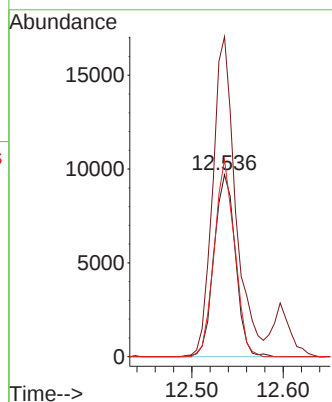
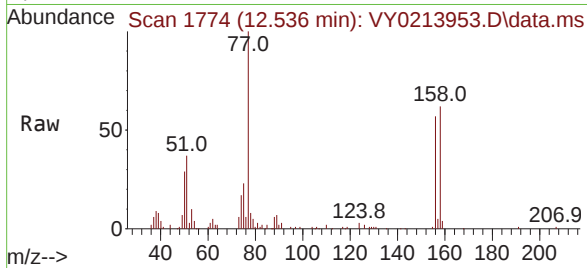




#77
Bromobenzene
Concen: 5.327 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

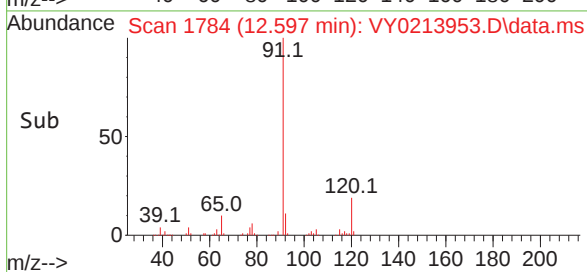
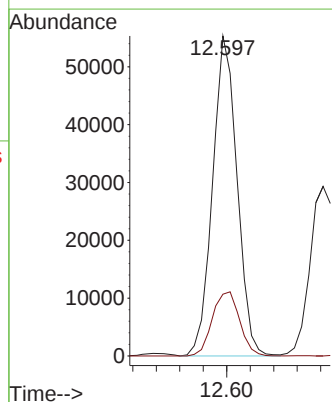
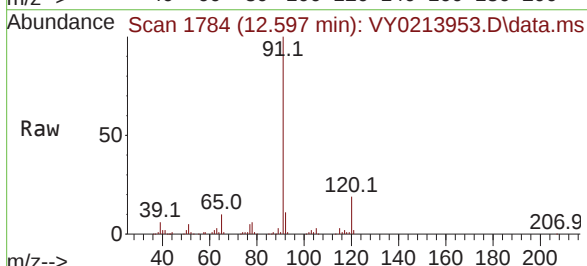
Instrument :
MSVOA_Y
ClientSampleId :

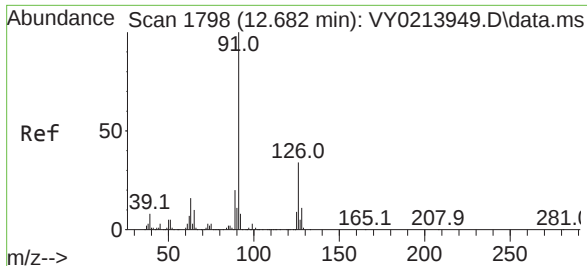
Tgt Ion:156 Resp: 15812
Ion Ratio Lower Upper
156 100
77 188.4 93.6 280.8
158 103.5 48.3 144.8



#78
n-propylbenzene
Concen: 5.205 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 91 Resp: 80203
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8





#79

2-Chlorotoluene

Concen: 5.341 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

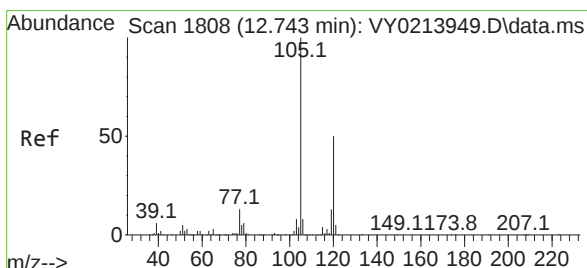
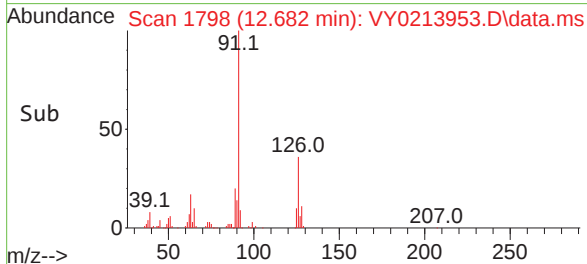
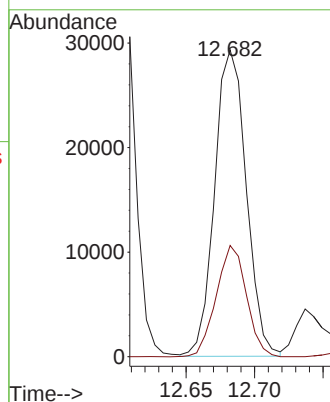
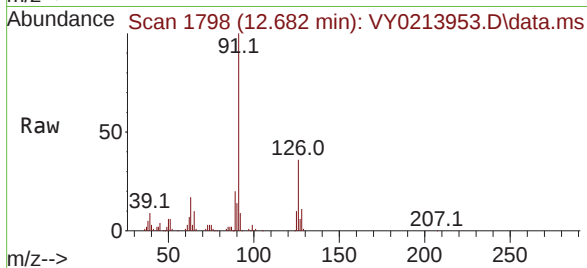
ClientSampleId :

Tgt Ion: 91 Resp: 47065

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 5.166 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY0213953.D

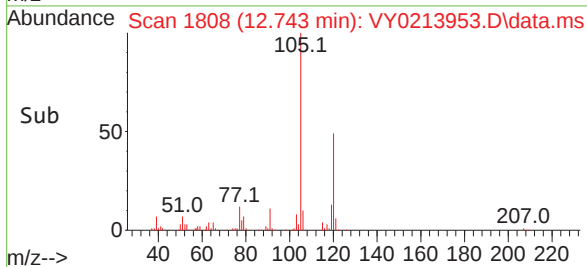
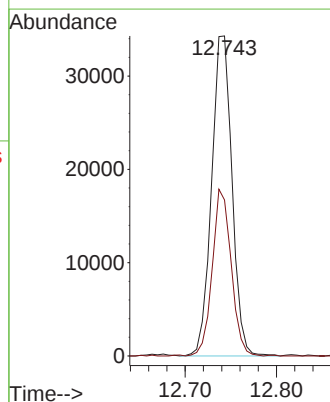
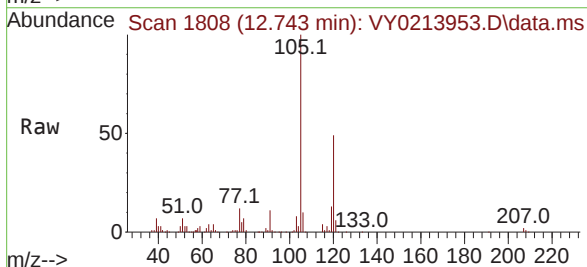
Acq: 04 Mar 2025 12:15

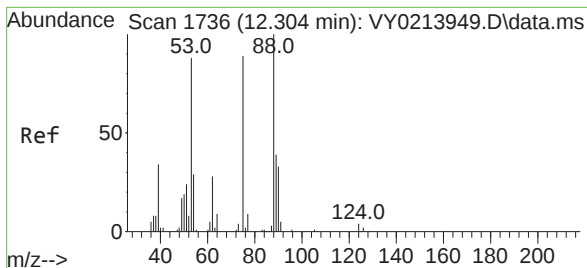
Tgt Ion: 105 Resp: 53272

Ion Ratio Lower Upper

105 100

120 48.3 24.6 73.6

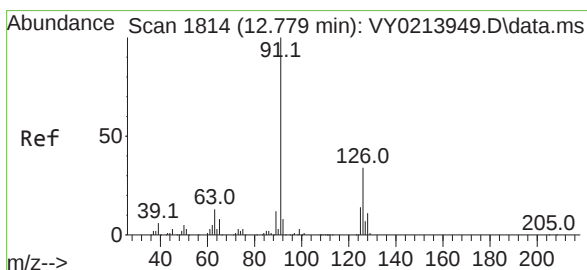
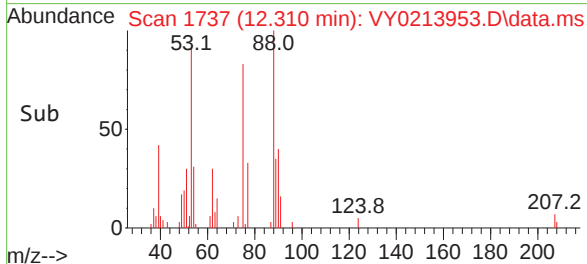
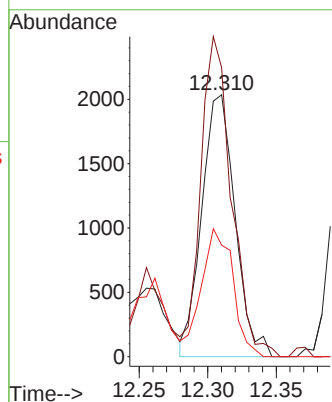
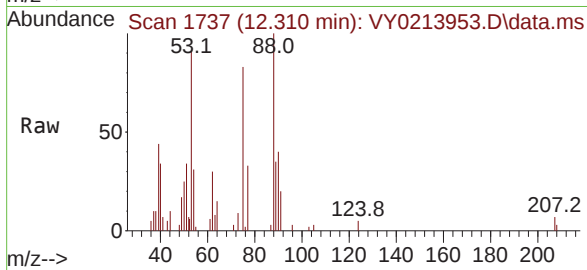




#81
trans-1,4-Dichloro-2-butene
Concen: 4.805 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.007 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

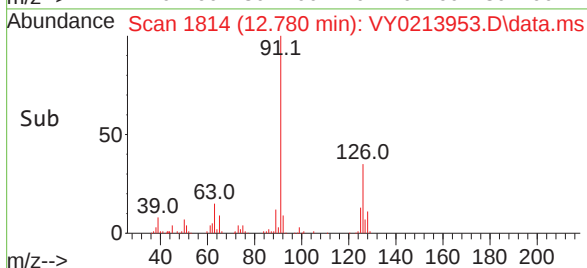
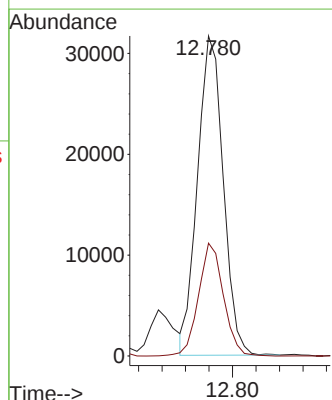
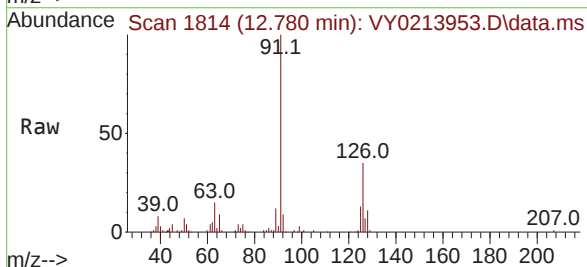
Instrument :
MSVOA_Y
ClientSampleId :

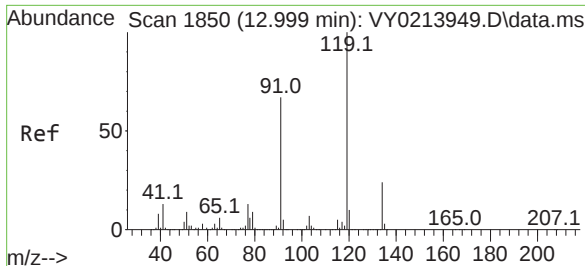
Tgt Ion: 75 Resp: 3431
Ion Ratio Lower Upper
75 100
53 112.3 81.0 121.4
89 46.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 5.280 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 91 Resp: 48178
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

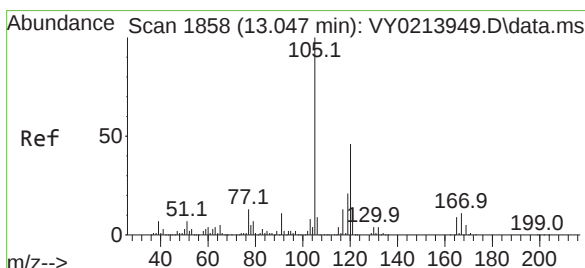
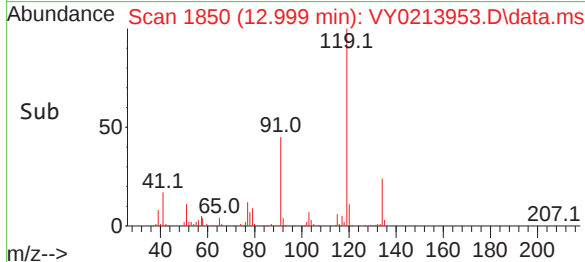
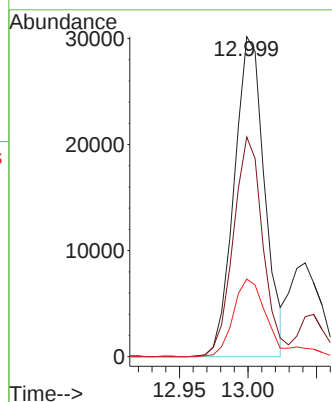
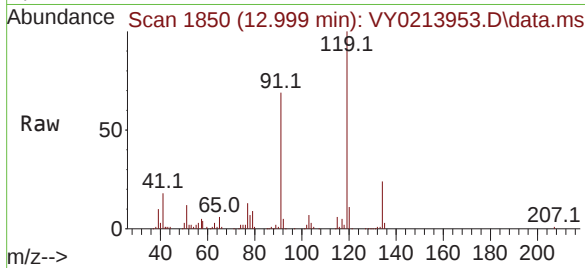




#83
 tert-Butylbenzene
 Concen: 5.060 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

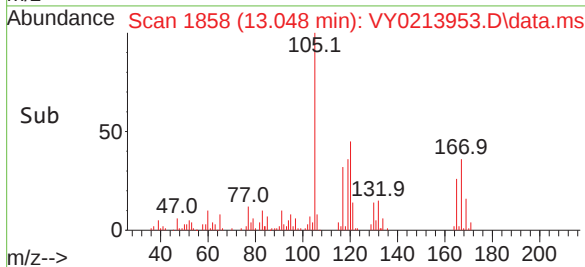
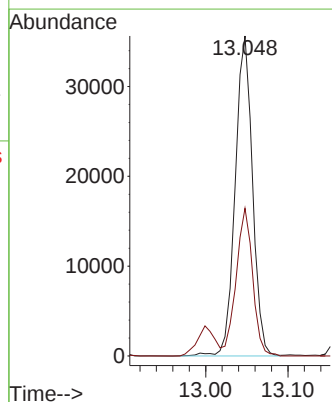
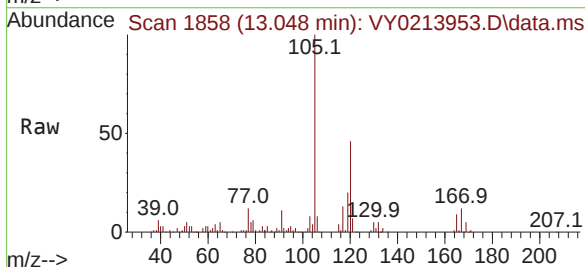
Instrument :
 MSVOA_Y
 ClientSampleId :

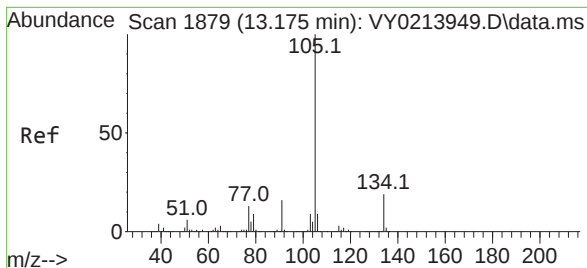
Tgt Ion:	119	Resp:	46550
Ion Ratio	Lower	Upper	
119	100		
91	67.1	33.2	99.6
134	25.8	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.099 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

Tgt Ion:	105	Resp:	52203
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 5.246 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

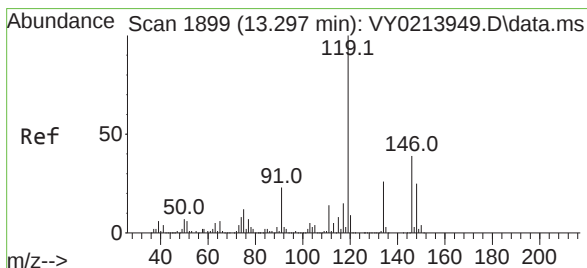
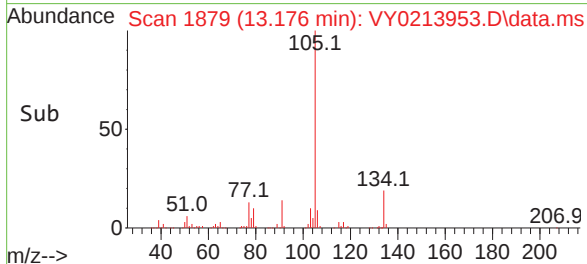
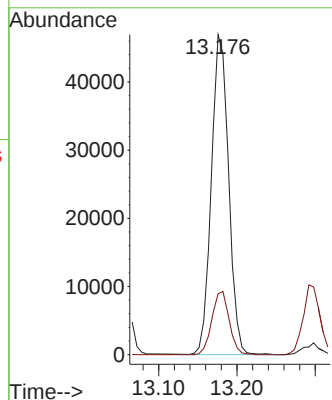
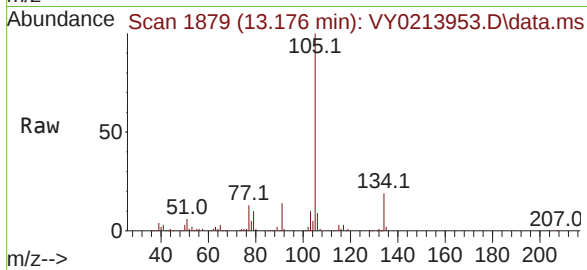
ClientSampleId :

Tgt Ion:105 Resp: 71799

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 5.067 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

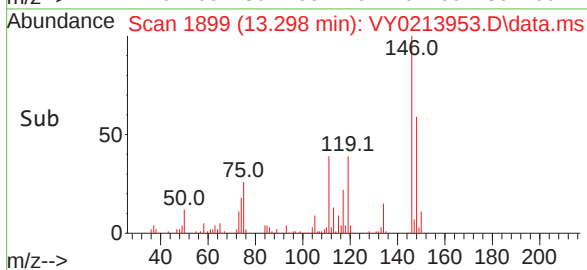
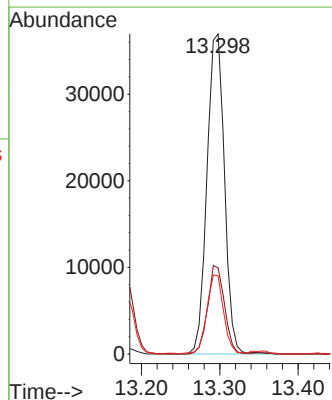
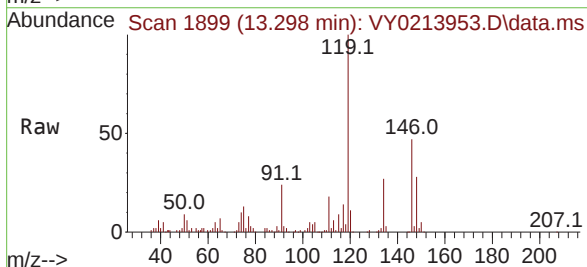
Tgt Ion:119 Resp: 57131

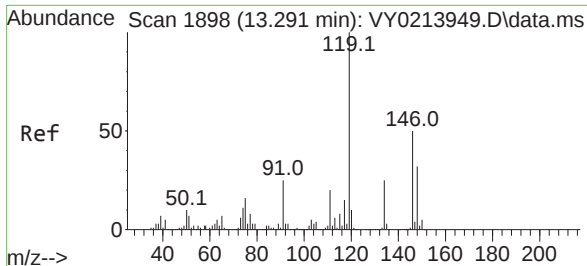
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.7 12.2 36.6

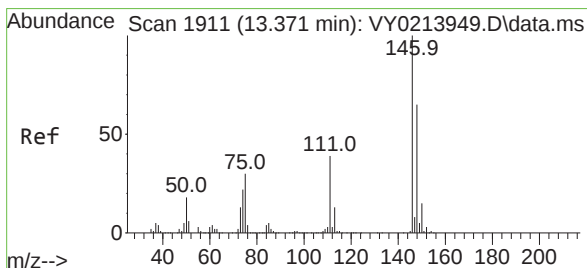
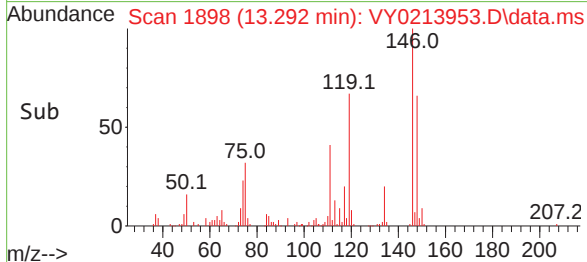
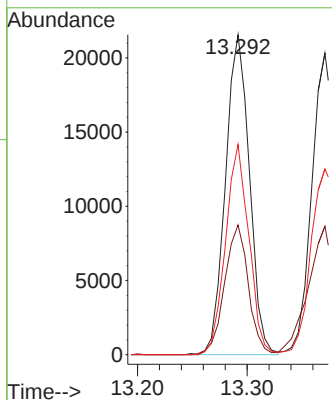
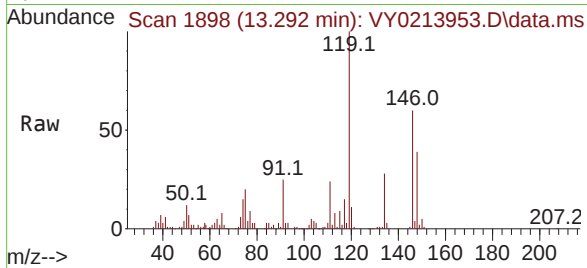




#87
 1,3-Dichlorobenzene
 Concen: 5.535 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

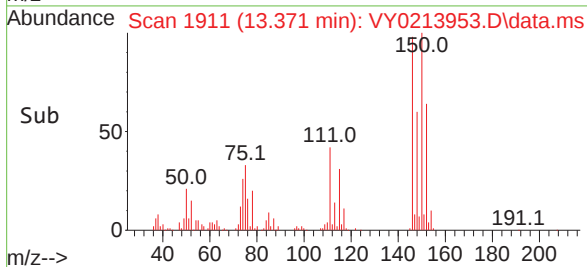
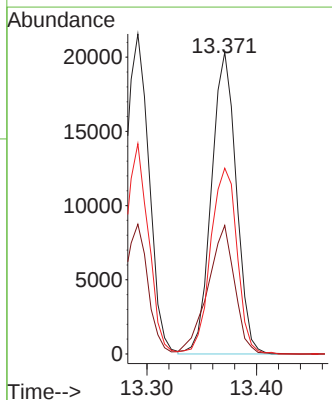
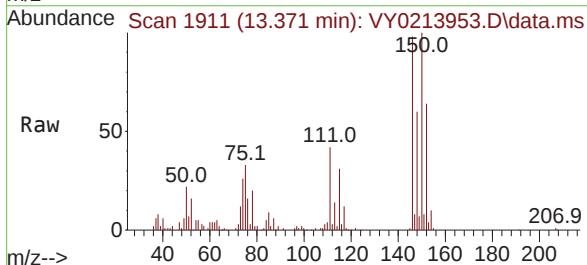
Instrument :
 MSVOA_Y
 ClientSampleId :

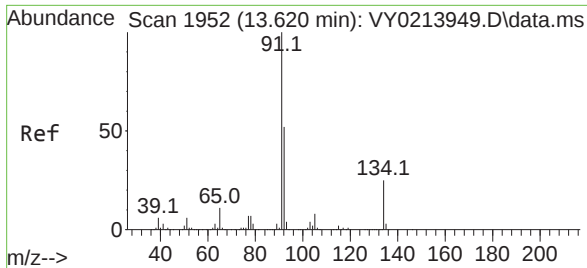
Tgt Ion:146 Resp: 32709
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.545 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

Tgt Ion:146 Resp: 32045
 Ion Ratio Lower Upper
 146 100
 111 46.5 19.6 58.8
 148 65.6 32.3 96.8

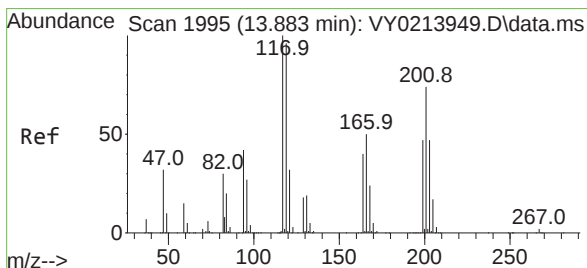
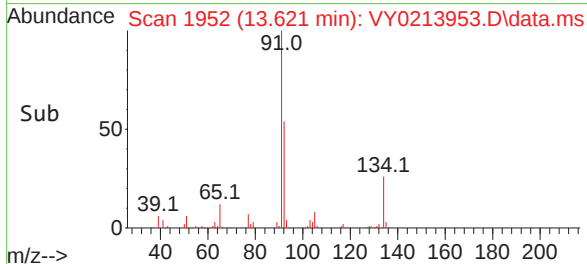
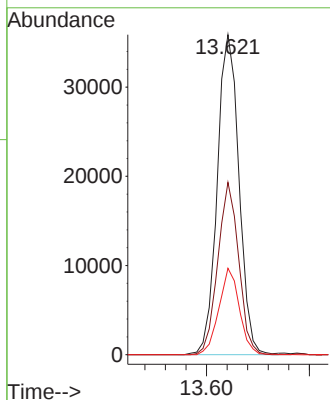
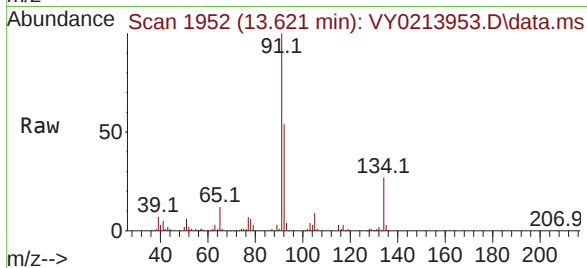




#89
n-Butylbenzene
Concen: 5.057 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

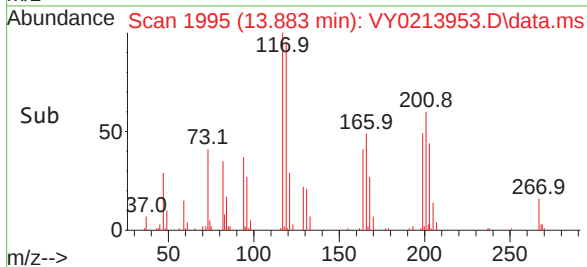
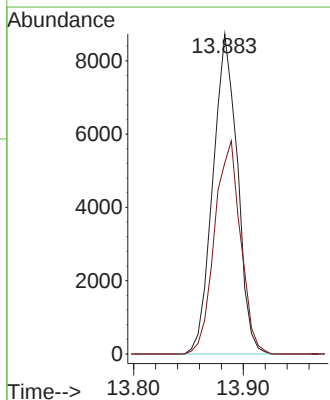
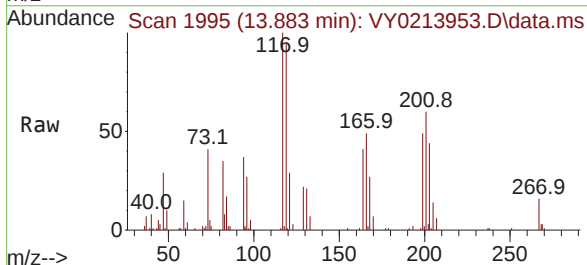
Instrument :
MSVOA_Y
ClientSampleId :

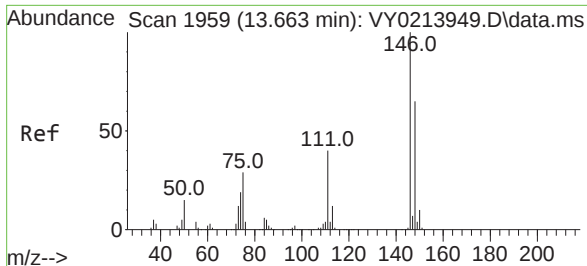
Tgt Ion: 91	Resp: 52654
Ion Ratio	Lower Upper
91 100	
92 51.5	26.1 78.3
134 25.5	12.6 37.8



#90
Hexachloroethane
Concen: 5.628 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY0213953.D
Acq: 04 Mar 2025 12:15

Tgt Ion: 117	Resp: 13537
Ion Ratio	Lower Upper
117 100	
201 70.8	37.4 112.2

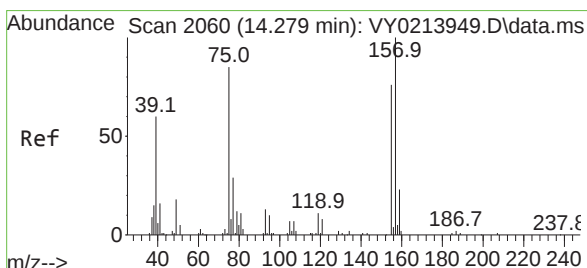
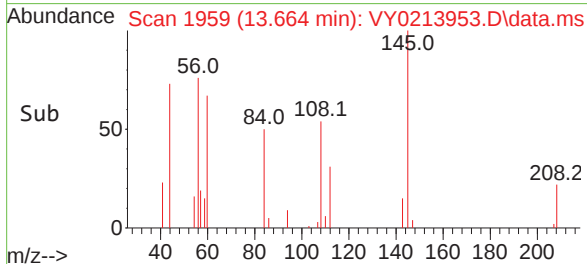
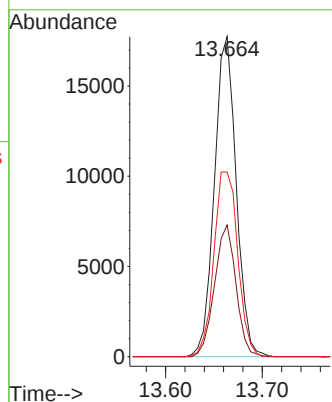
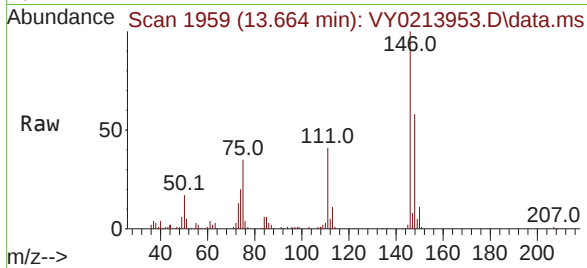




#91
 1,2-Dichlorobenzene
 Concen: 5.481 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

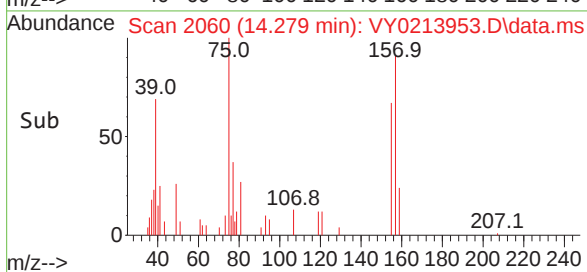
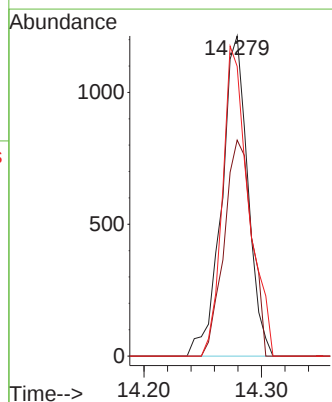
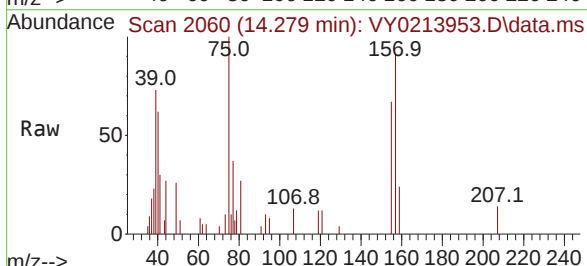
Instrument :
 MSVOA_Y
 ClientSampleId :

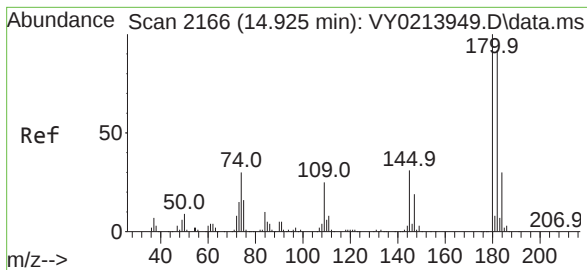
Tgt Ion:146 Resp: 27758
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.7 62.1
 148 63.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.605 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

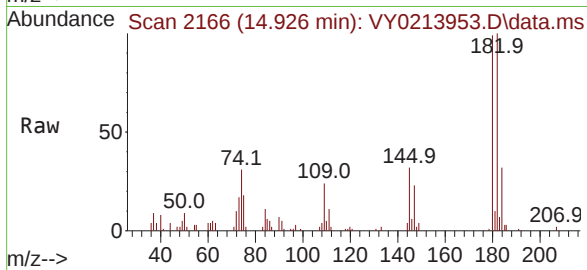
Tgt Ion: 75 Resp: 1880
 Ion Ratio Lower Upper
 75 100
 155 71.5 43.5 130.5
 157 96.2 54.4 163.2



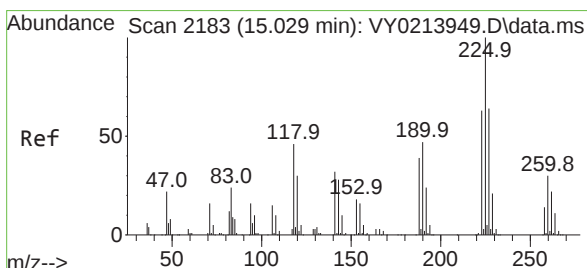
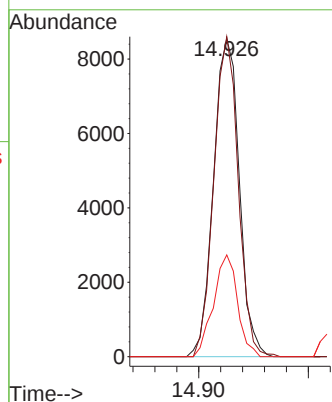
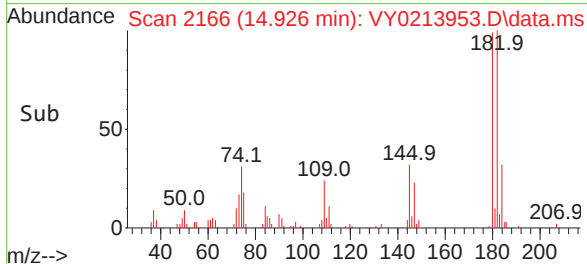


#93
 1,2,4-Trichlorobenzene
 Concen: 5.034 ug/l
 RT: 14.926 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :

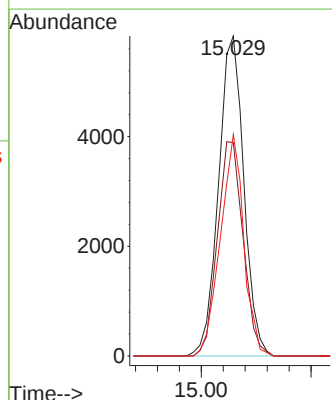
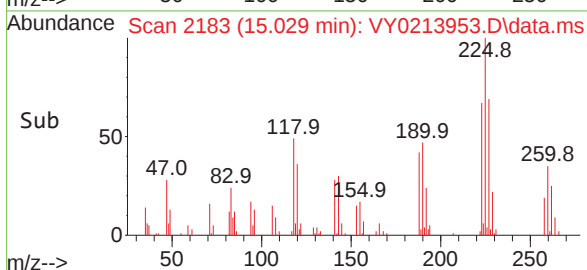
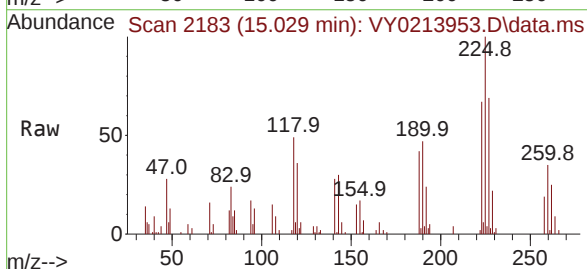


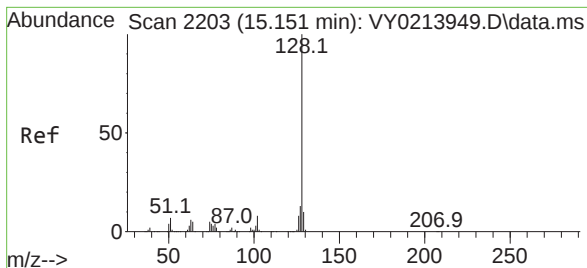
Tgt Ion:180 Resp: 13925
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.7 140.0
 145 29.9 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 5.393 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY0213953.D
 Acq: 04 Mar 2025 12:15

Tgt Ion:225 Resp: 9351
 Ion Ratio Lower Upper
 225 100
 223 68.0 31.4 94.2
 227 63.8 31.8 95.4





#95

Naphthalene

Concen: 5.892 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY0213953.D

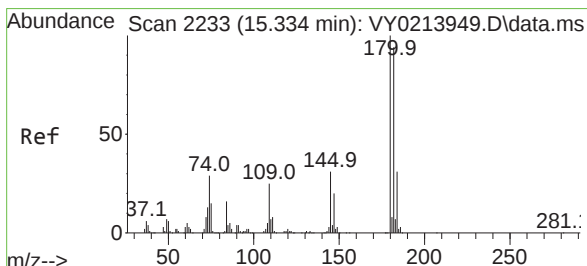
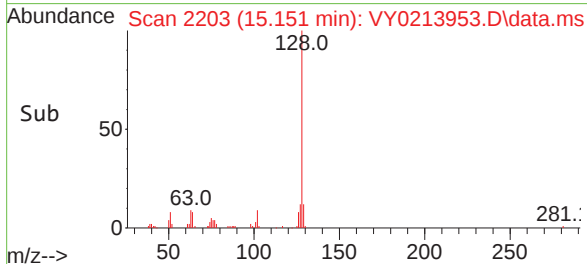
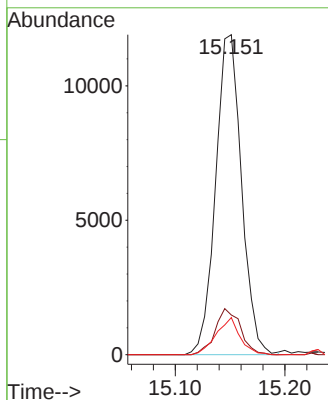
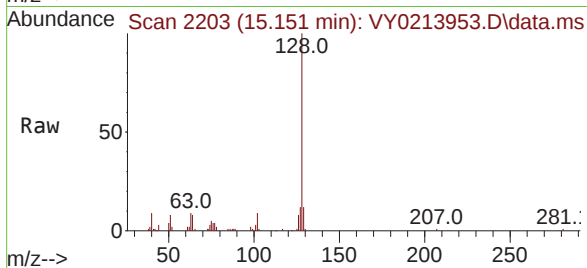
Acq: 04 Mar 2025 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	19552
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.6 15.8
129	10.6	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 5.081 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY0213953.D

Acq: 04 Mar 2025 12:15

Tgt Ion:180	Resp:	11822
Ion Ratio	Lower	Upper
180	100	
182	99.0	47.2 141.6
145	32.0	16.4 49.1

