

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022525\
 Data File : VY021317.D
 Acq On : 25 Feb 2025 17:31
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY022525

Quant Time: Feb 26 03:42:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	183832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	292214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	257123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	126299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98960	47.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.634	113	93944	49.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.109	98	360528	48.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.408	95	120972	48.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	93894	53.871	ug/l	98
3) Chloromethane	2.068	50	120479	53.523	ug/l	100
4) Vinyl Chloride	2.202	62	121922	55.184	ug/l	98
5) Bromomethane	2.598	94	77054	52.483	ug/l	100
6) Chloroethane	2.732	64	75086	54.804	ug/l	99
7) Trichlorofluoromethane	3.062	101	178123	53.384	ug/l	94
8) Diethyl Ether	3.458	74	54929	54.849	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	104678	54.188	ug/l	98
10) Methyl Iodide	4.007	142	124707	61.361	ug/l	100
11) Tert butyl alcohol	4.848	59	35572	221.762	ug/l	100
12) 1,1-Dichloroethene	3.793	96	100075	54.104	ug/l	98
13) Acrolein	3.653	56	6337	51.554	ug/l	95
14) Allyl chloride	4.385	41	181554	55.361	ug/l	99
15) Acrylonitrile	5.055	53	118343	267.274	ug/l	99
16) Acetone	3.866	43	90886	227.197	ug/l	99
17) Carbon Disulfide	4.104	76	335241	54.581	ug/l	100
18) Methyl Acetate	4.385	43	51200	52.372	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	265419	54.311	ug/l	97
20) Methylene Chloride	4.616	84	110456	51.062	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	112082	55.044	ug/l	99
22) Diisopropyl ether	6.018	45	377281	55.595	ug/l	99
23) Vinyl Acetate	5.957	43	1116005	275.197	ug/l	100
24) 1,1-Dichloroethane	5.915	63	210383	55.004	ug/l	99
25) 2-Butanone	6.890	43	152895	253.246	ug/l	97
26) 2,2-Dichloropropane	6.884	77	187045	53.893	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130921	56.305	ug/l	98
28) Bromochloromethane	7.244	49	80309	47.452	ug/l	99
29) Tetrahydrofuran	7.262	42	102673	260.172	ug/l	99
30) Chloroform	7.421	83	213255	55.023	ug/l	98
31) Cyclohexane	7.701	56	191850	52.180	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	194325	55.084	ug/l	98
36) 1,1-Dichloropropene	7.835	75	157102	54.593	ug/l	100
37) Ethyl Acetate	6.982	43	72810	50.864	ug/l	99
38) Carbon Tetrachloride	7.817	117	175208	54.157	ug/l	99
39) Methylcyclohexane	9.109	83	197993	54.397	ug/l	99
40) Benzene	8.079	78	464323	54.583	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39412	49.244	ug/l	96
42) 1,2-Dichloroethane	8.158	62	129718	53.746	ug/l	100
43) Isopropyl Acetate	8.195	43	145128	52.380	ug/l #	87
44) Trichloroethene	8.865	130	116988	54.930	ug/l	100
45) 1,2-Dichloropropane	9.140	63	111498	54.464	ug/l	99
46) Dibromomethane	9.231	93	61031	54.539	ug/l	99
47) Bromodichloromethane	9.420	83	162580	54.489	ug/l	98
48) Methyl methacrylate	9.219	41	71360	55.076	ug/l	99
49) 1,4-Dioxane	9.225	88	13103	1053.076	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	372486	262.628	ug/l	100
52) Toluene	10.170	92	294219	55.674	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	152263	55.699	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	178951	55.451	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	77645	53.263	ug/l	98
56) Ethyl methacrylate	10.438	69	112155	55.679	ug/l	99
57) 1,3-Dichloropropane	10.719	76	139257	54.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	221395	228.990	ug/l	100
59) 2-Hexanone	10.761	43	246032	264.133	ug/l	99
60) Dibromochloromethane	10.914	129	107866	54.329	ug/l	100
61) 1,2-Dibromoethane	11.018	107	74447	53.942	ug/l	98
64) Tetrachloroethene	10.646	164	102887	52.940	ug/l	95
65) Chlorobenzene	11.444	112	314040	54.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	110179	54.517	ug/l	99
67) Ethyl Benzene	11.517	91	572425	55.992	ug/l	99
68) m/p-Xylenes	11.627	106	427892	111.274	ug/l	99
69) o-Xylene	11.956	106	202123	56.108	ug/l	99
70) Styrene	11.969	104	337489	56.307	ug/l	99
71) Bromoform	12.133	173	61959	53.590	ug/l #	100
73) Isopropylbenzene	12.255	105	540978	56.974	ug/l	99
74) N-amyl acetate	12.072	43	133968	55.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	89240	53.254	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	118541	93.768	ug/l #	100
77) Bromobenzene	12.536	156	122121	55.296	ug/l	98
78) n-propylbenzene	12.597	91	654255	56.783	ug/l	100
79) 2-Chlorotoluene	12.682	91	369065	55.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	440379	56.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	30268	53.216	ug/l	96
82) 4-Chlorotoluene	12.779	91	375340	54.757	ug/l	100
83) tert-Butylbenzene	12.999	119	393228	55.900	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	438538	56.621	ug/l	100
85) sec-Butylbenzene	13.176	105	571874	55.655	ug/l	99
86) p-Isopropyltoluene	13.292	119	484140	56.427	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	239404	54.800	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	233477	54.098	ug/l	99
89) n-Butylbenzene	13.621	91	459065	56.856	ug/l	100
90) Hexachloroethane	13.883	117	98634	55.035	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	208776	54.545	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13821	52.137	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	132464	56.703	ug/l	99
94) Hexachlorobutadiene	15.029	225	78745	53.541	ug/l	99
95) Naphthalene	15.151	128	222839	57.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	112466	56.980	ug/l	98

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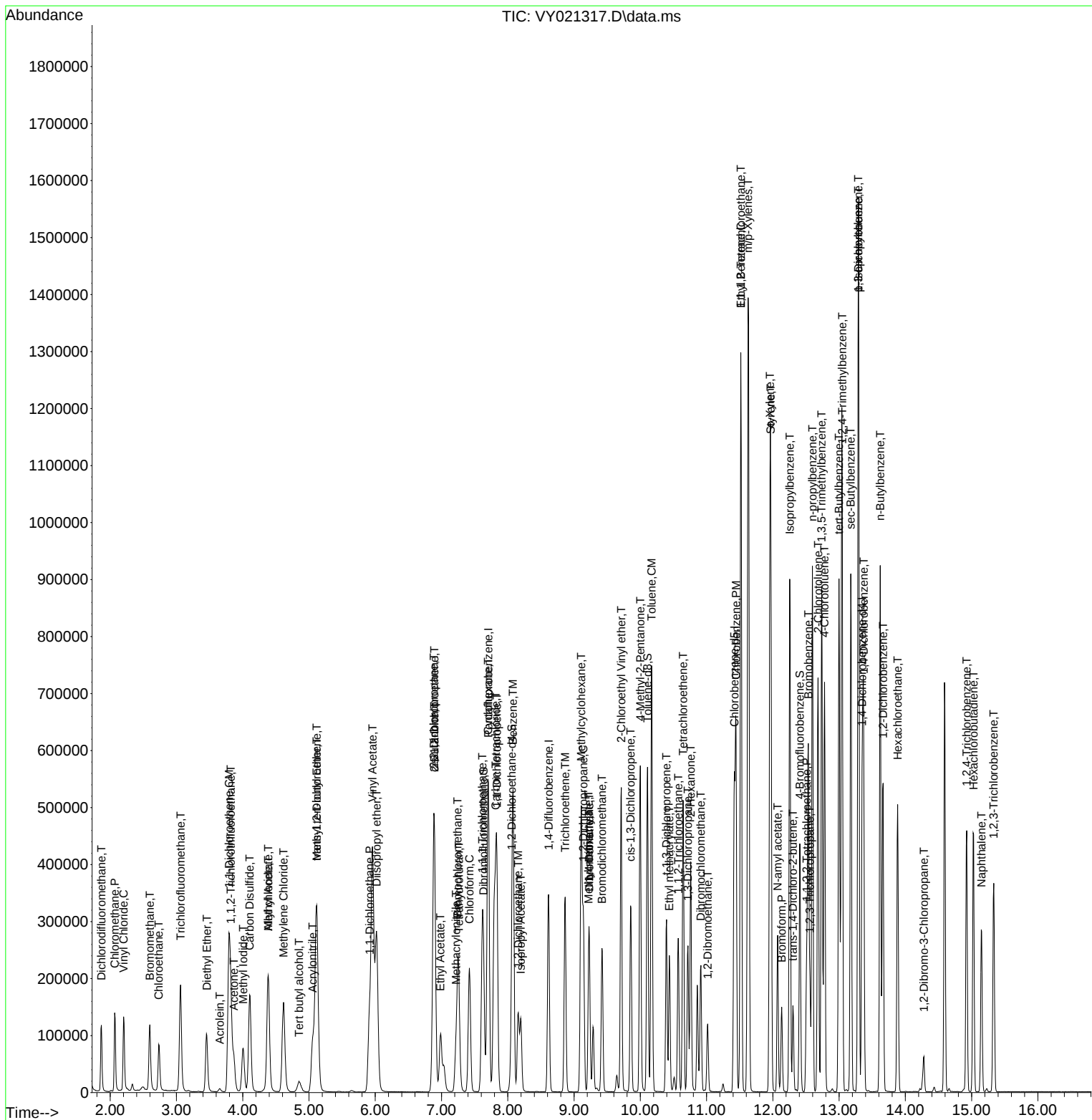
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

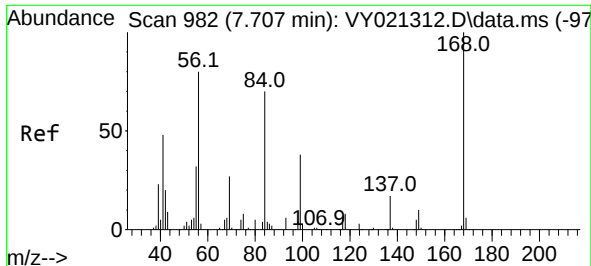
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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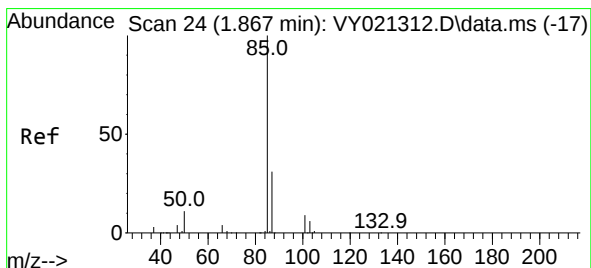
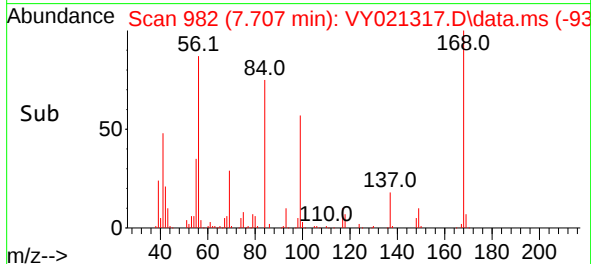
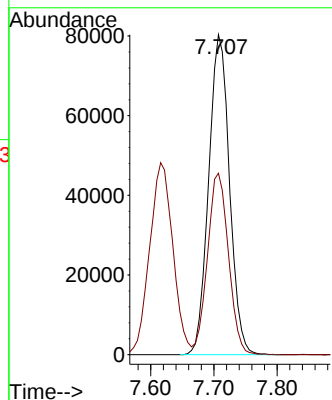
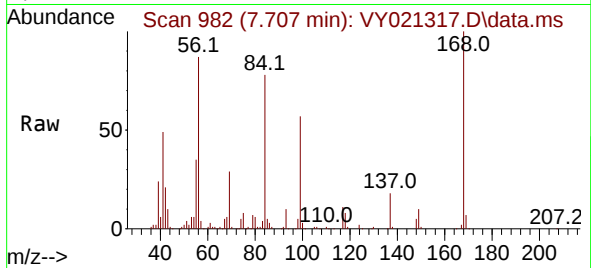




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021317.D
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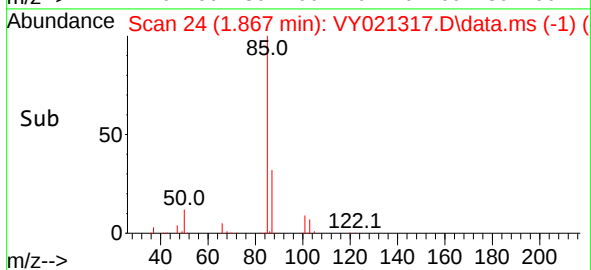
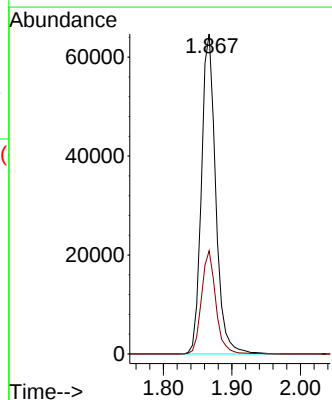
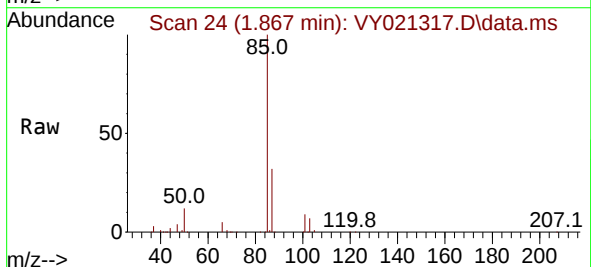
Instrument :
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ClientSampleId :
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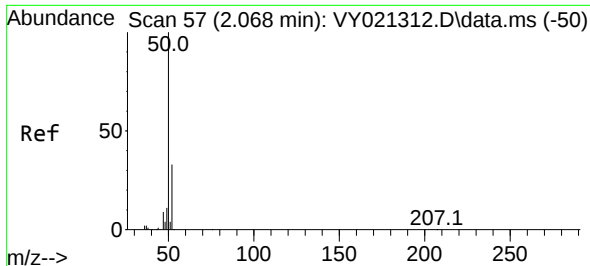
Tgt Ion:168 Resp: 183832
Ion Ratio Lower Upper
168 100
99 56.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 53.871 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 85 Resp: 93894
Ion Ratio Lower Upper
85 100
87 32.3 15.4 46.4

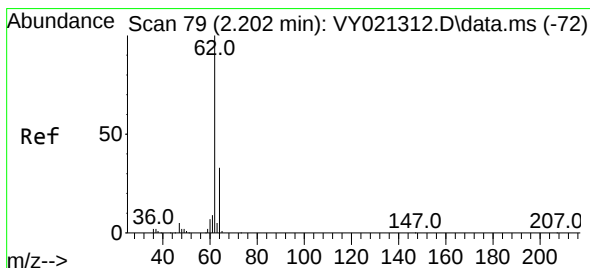
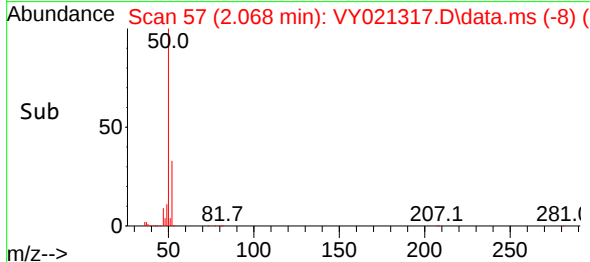
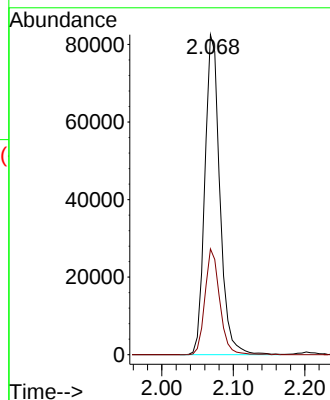
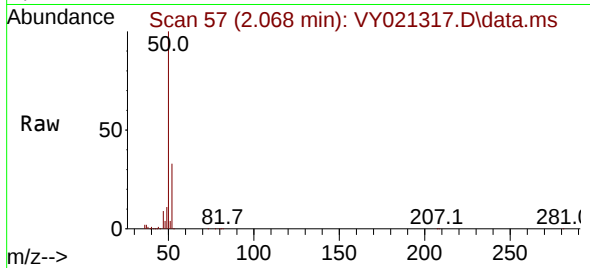




#3
Chloromethane
Concen: 53.523 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

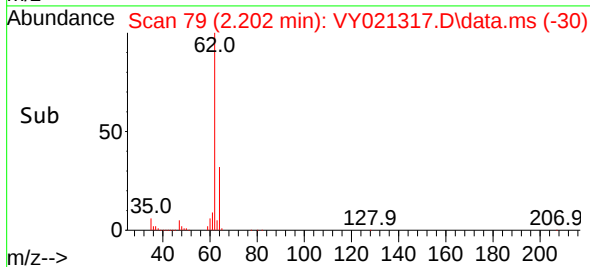
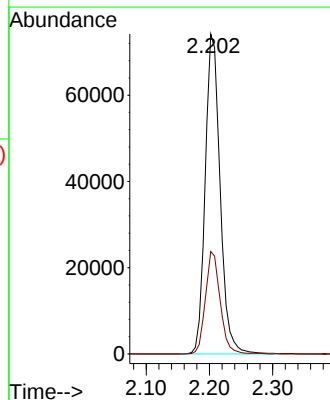
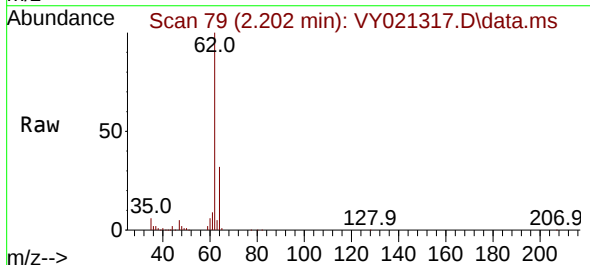
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 120479
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 55.184 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 62 Resp: 121922
Ion Ratio Lower Upper
62 100
64 32.0 26.3 39.5

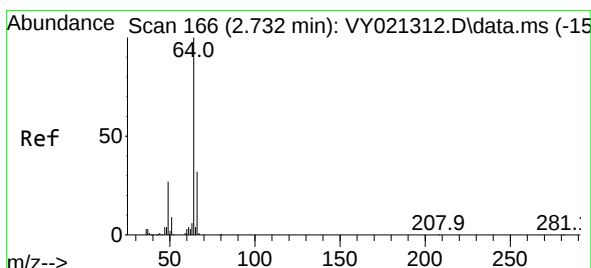
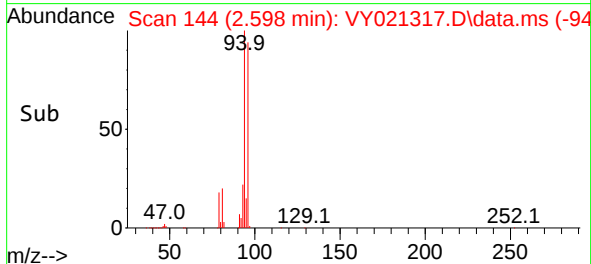
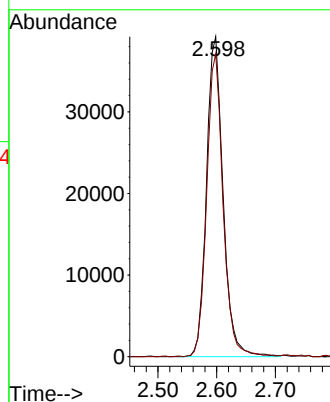
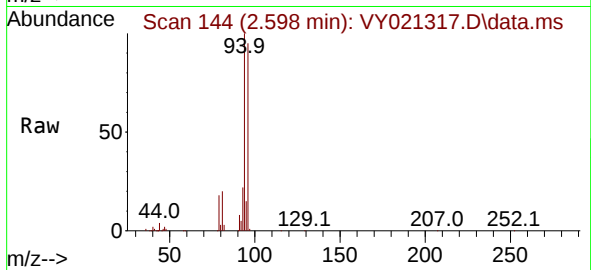




#5
Bromomethane
Concen: 52.483 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

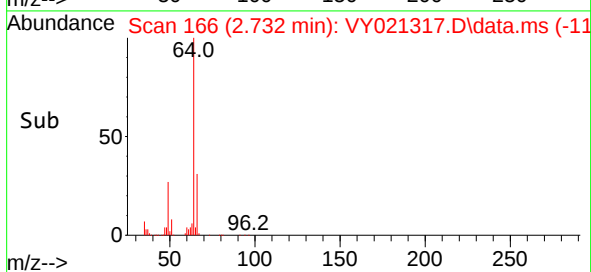
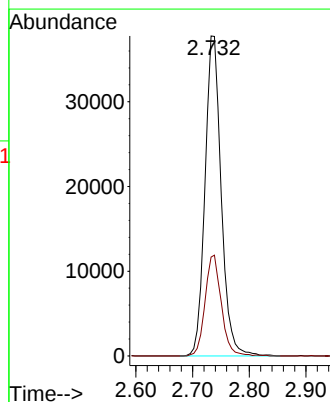
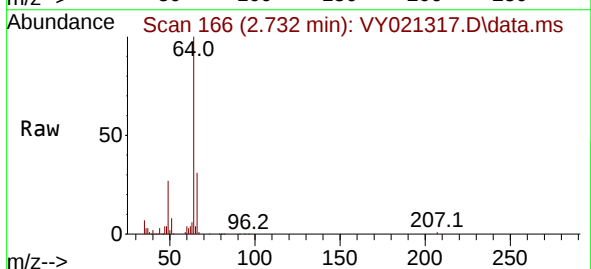
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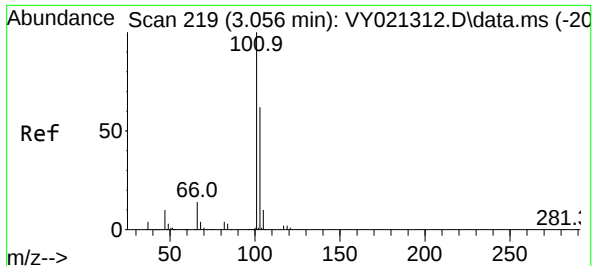
Tgt Ion: 94 Resp: 77054
Ion Ratio Lower Upper
94 100
96 94.4 75.2 112.8



#6
Chloroethane
Concen: 54.804 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 64 Resp: 75086
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0

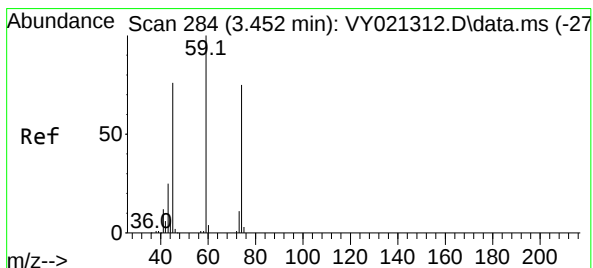
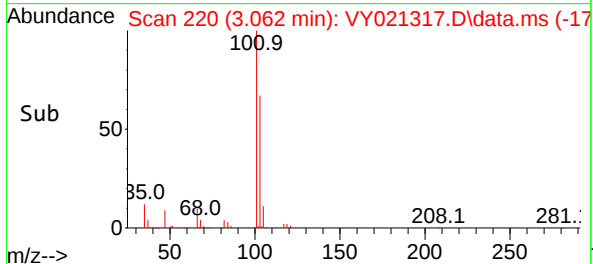
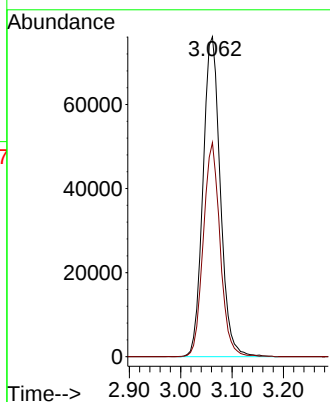
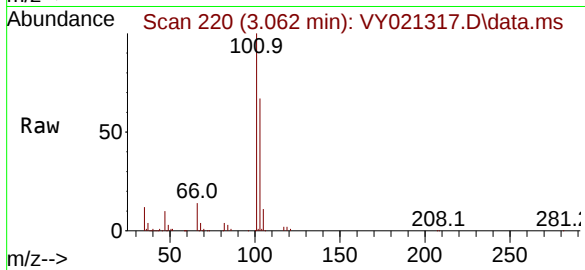




#7
 Trichlorofluoromethane
 Concen: 53.384 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

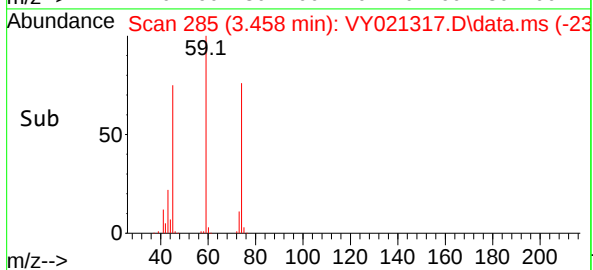
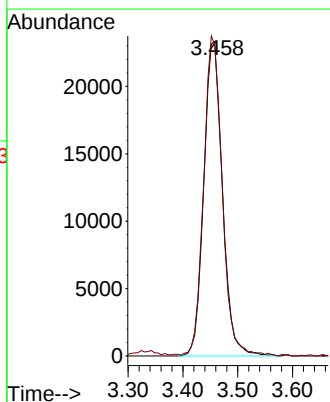
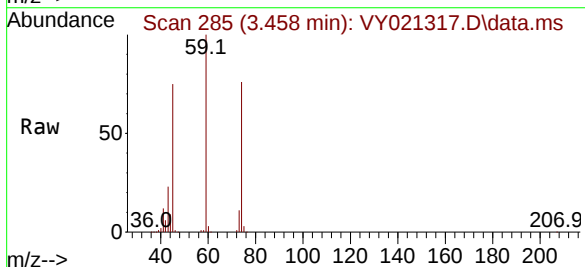
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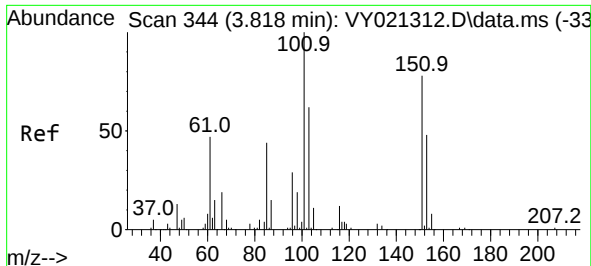
Tgt Ion:101 Resp: 178123
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.7 74.5



#8
 Diethyl Ether
 Concen: 54.849 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

Tgt Ion: 74 Resp: 54929
 Ion Ratio Lower Upper
 74 100
 45 101.8 50.3 150.9

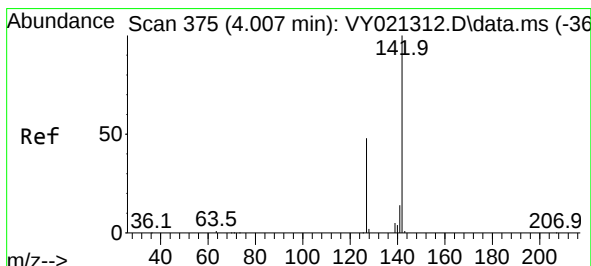
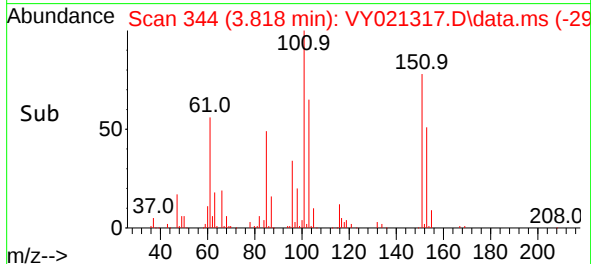
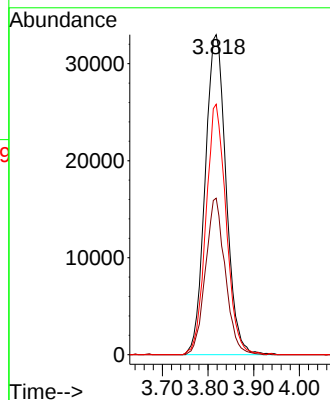
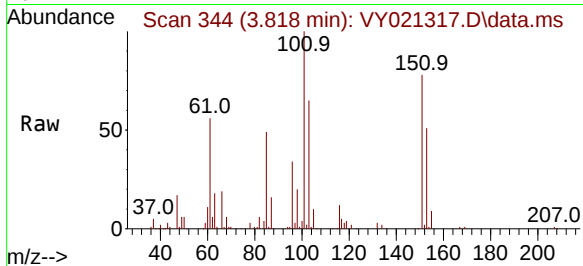




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.188 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

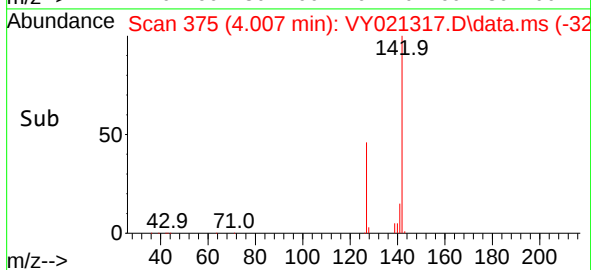
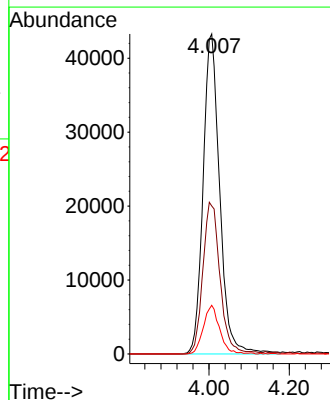
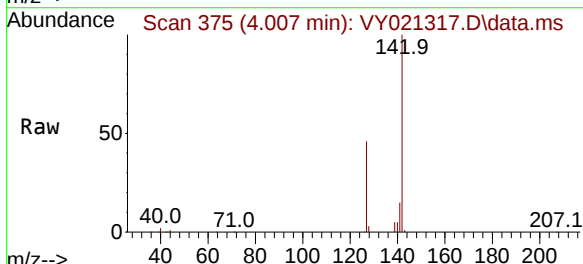
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

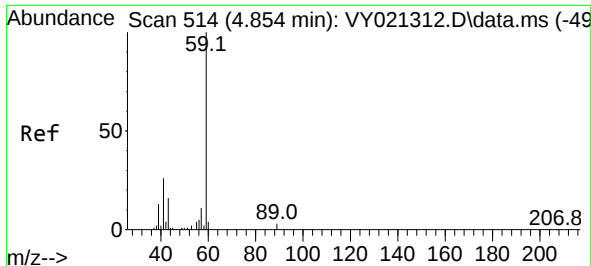
Tgt Ion:101 Resp: 104678
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 75.8 62.6 94.0



#10
Methyl Iodide
Concen: 61.361 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:142 Resp: 124707
Ion Ratio Lower Upper
142 100
127 49.0 39.2 58.8
141 14.8 11.4 17.2

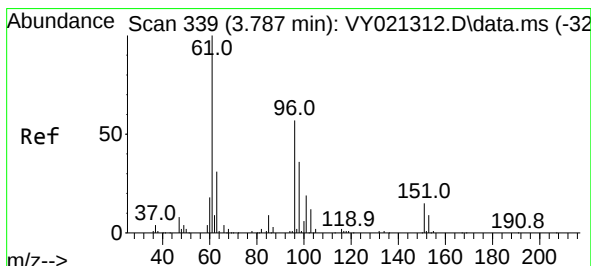
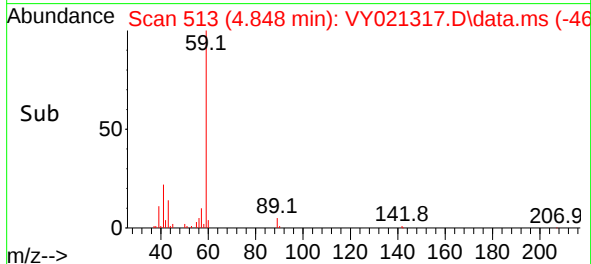
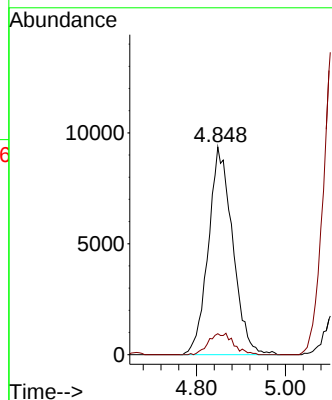
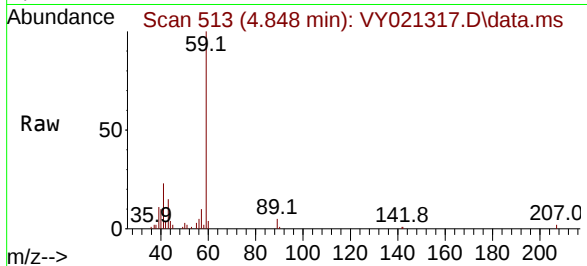




#11
Tert butyl alcohol
Concen: 221.762 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

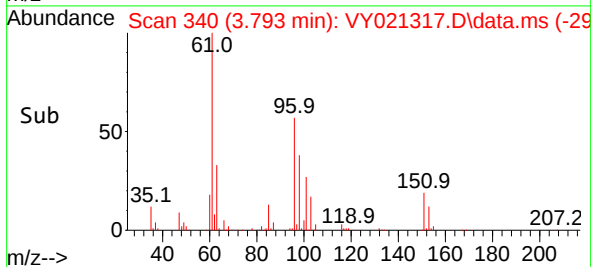
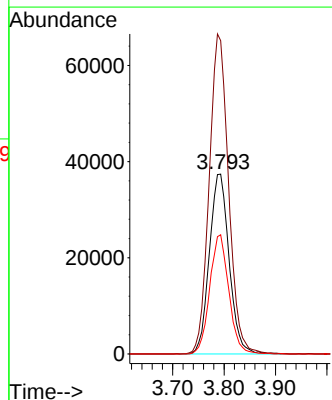
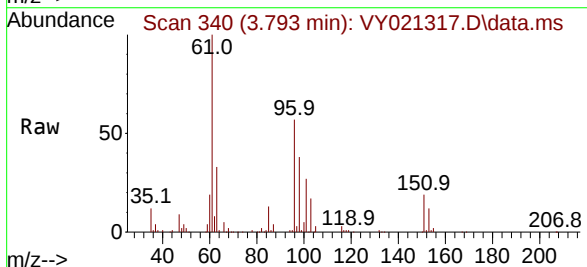
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

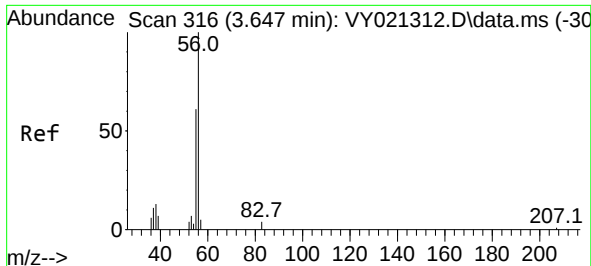
Tgt Ion: 59 Resp: 35572
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 54.104 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 96 Resp: 100075
Ion Ratio Lower Upper
96 100
61 174.2 139.7 209.5
98 66.3 49.7 74.5

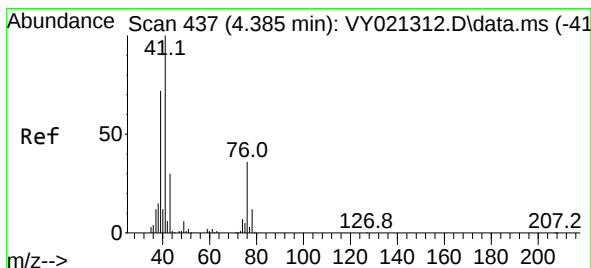
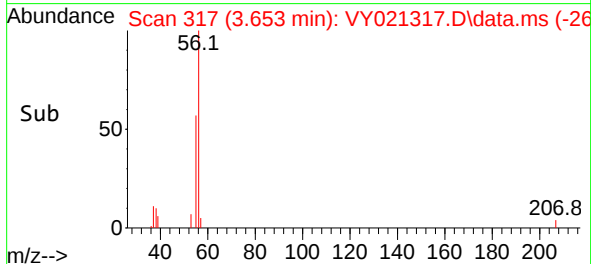
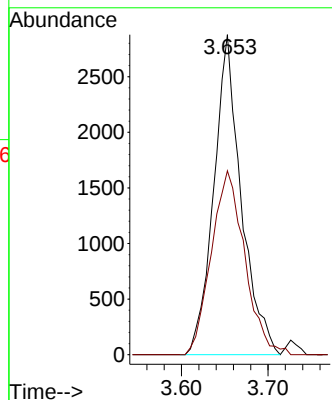
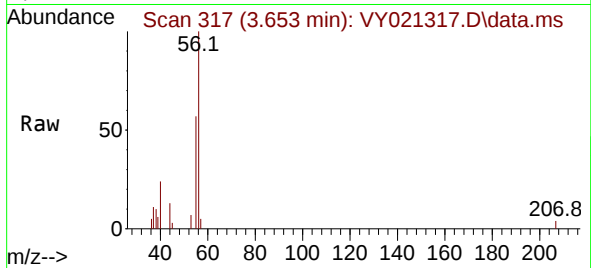




#13
Acrolein
Concen: 51.554 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

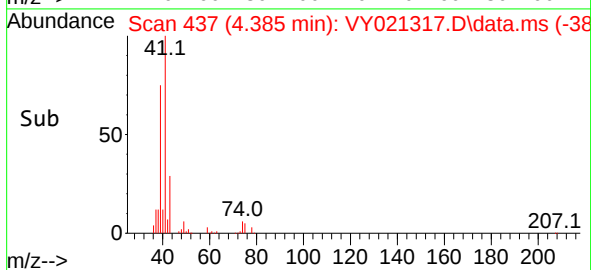
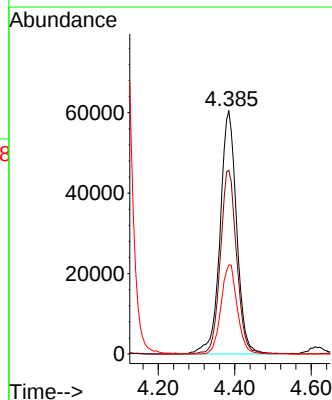
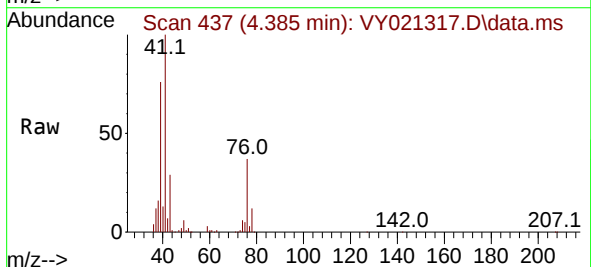
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

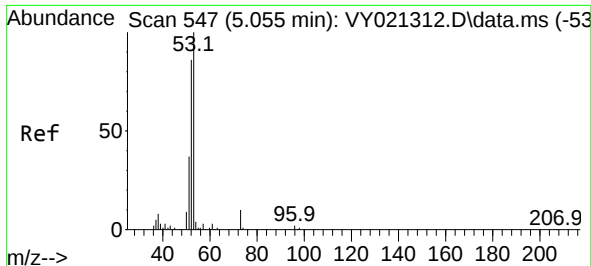
Tgt Ion: 56 Resp: 6337
Ion Ratio Lower Upper
56 100
55 69.9 59.0 88.6



#14
Allyl chloride
Concen: 55.361 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 181554
Ion Ratio Lower Upper
41 100
39 74.4 60.0 90.0
76 35.8 29.0 43.6

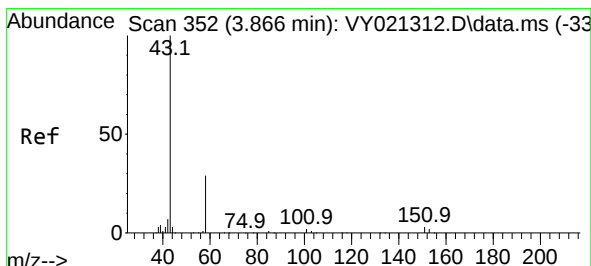
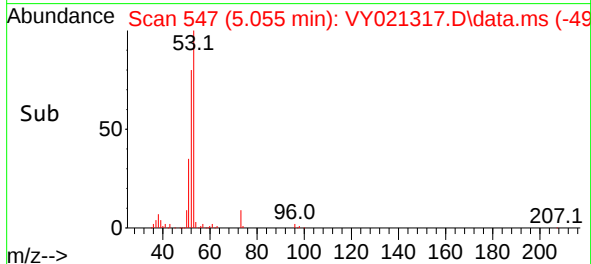
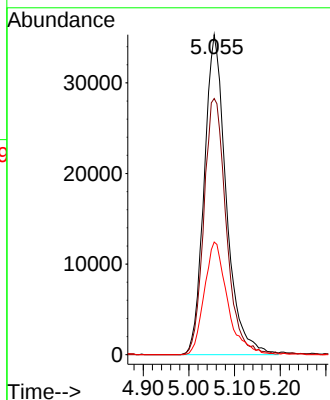
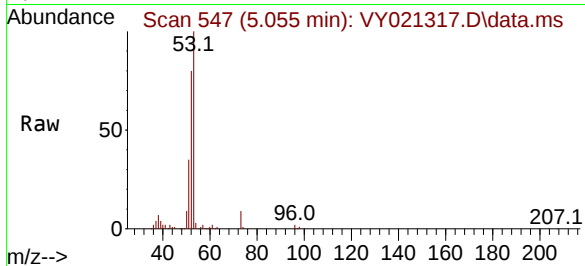




#15
Acrylonitrile
Concen: 267.274 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

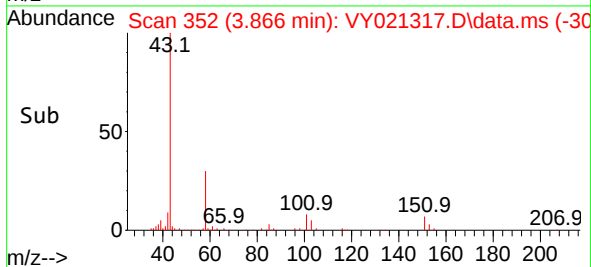
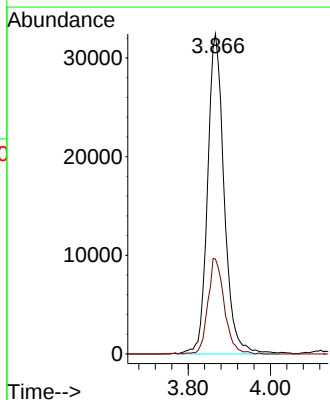
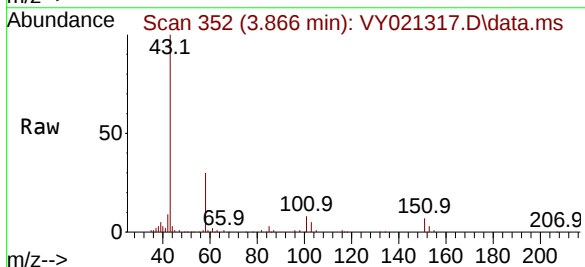
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

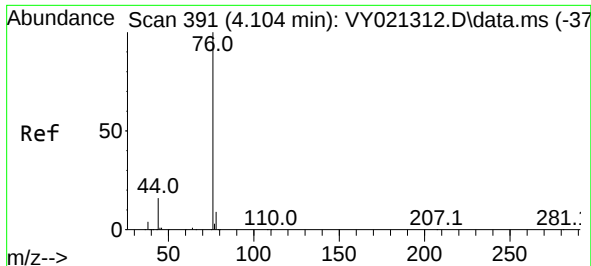
Tgt Ion: 53 Resp: 118343
Ion Ratio Lower Upper
53 100
52 81.2 65.5 98.3
51 37.1 30.6 46.0



#16
Acetone
Concen: 227.197 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 90886
Ion Ratio Lower Upper
43 100
58 29.7 23.5 35.3

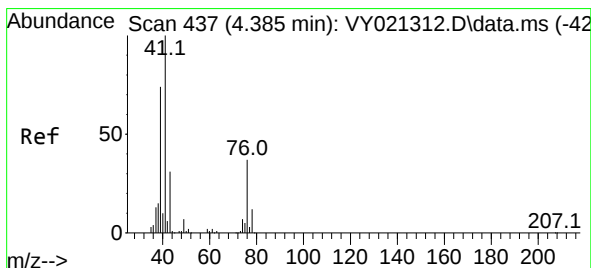
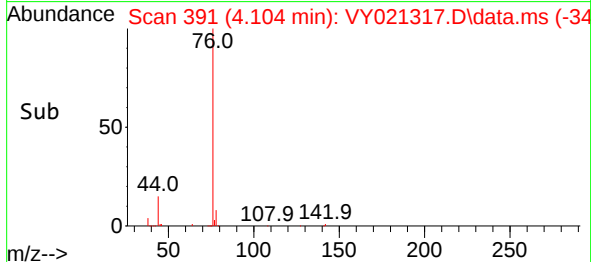
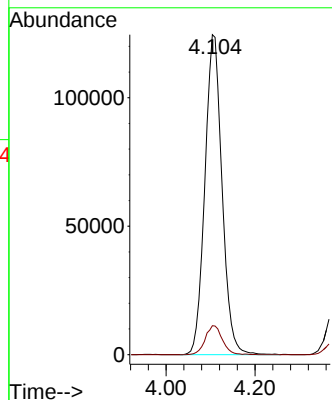
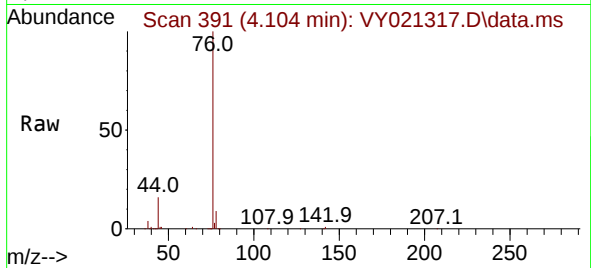




#17
Carbon Disulfide
Concen: 54.581 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

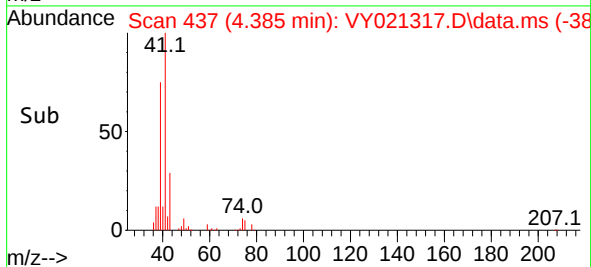
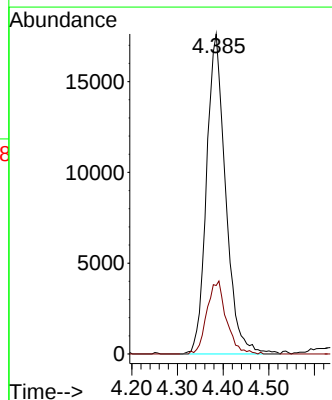
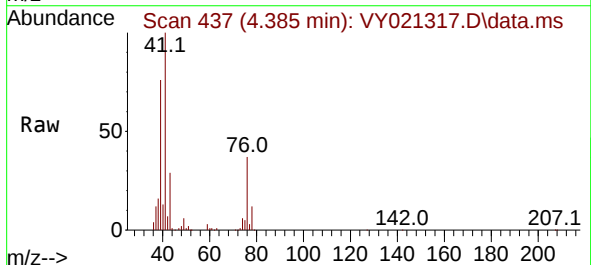
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

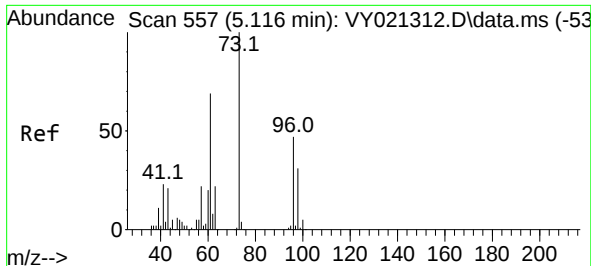
Tgt Ion: 76 Resp: 335241
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 52.372 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 51200
Ion Ratio Lower Upper
43 100
74 23.2 17.7 26.5

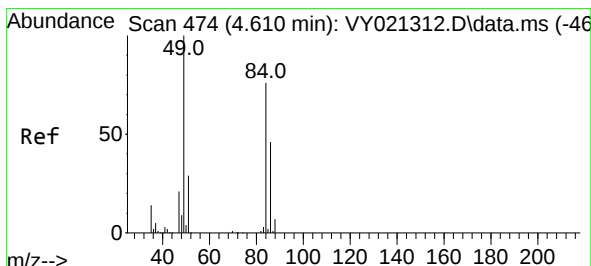
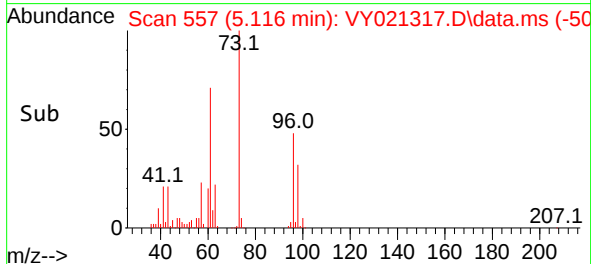
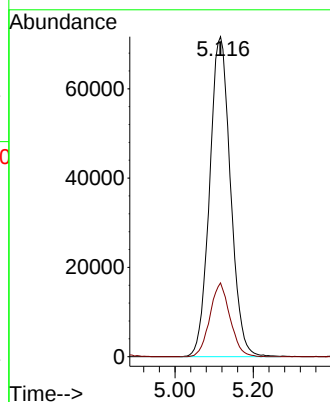
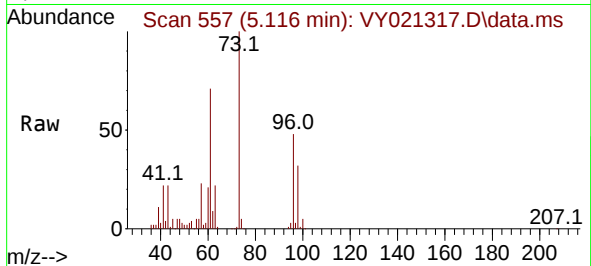




#19
Methyl tert-butyl Ether
Concen: 54.311 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

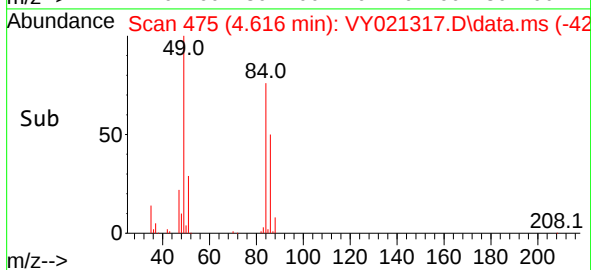
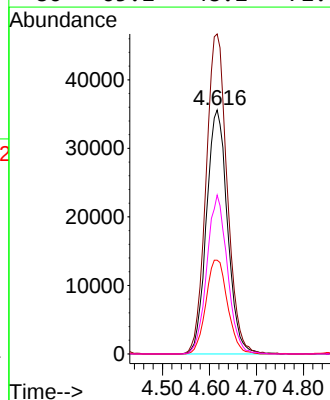
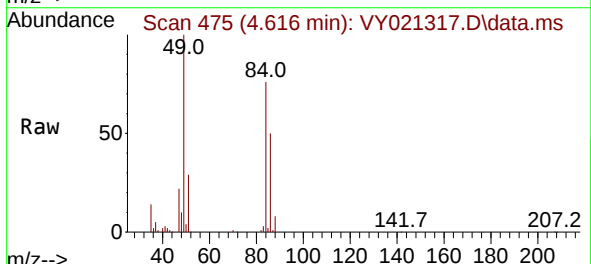
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

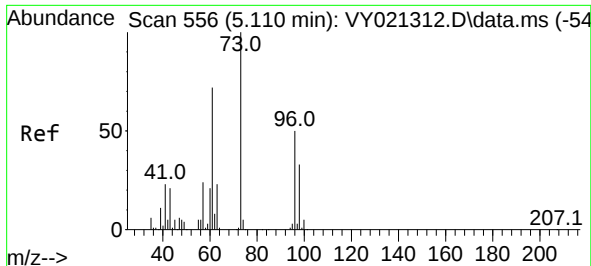
Tgt Ion: 73 Resp: 265419
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0



#20
Methylene Chloride
Concen: 51.062 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 84 Resp: 110456
Ion Ratio Lower Upper
84 100
49 131.2 105.1 157.7
51 38.4 31.0 46.4
86 65.2 48.2 72.4

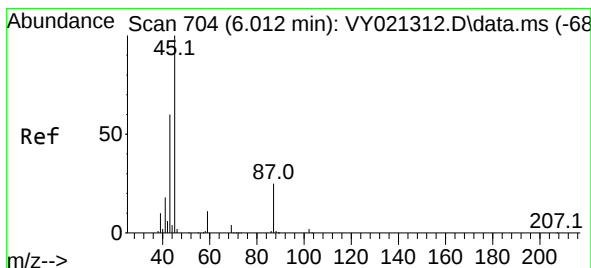
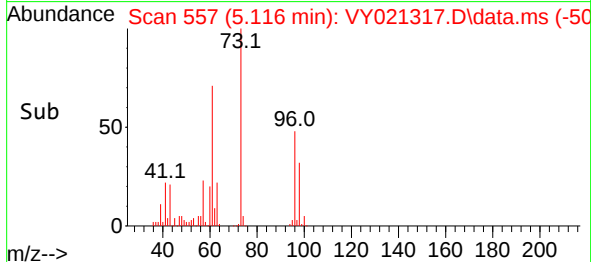
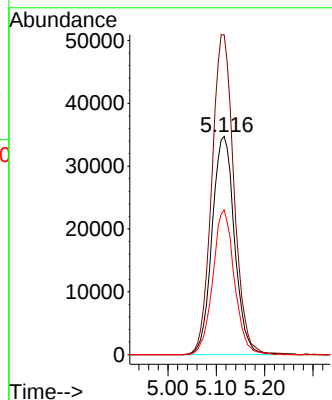
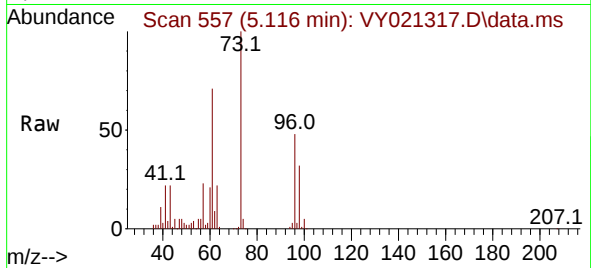




#21
trans-1,2-Dichloroethene
Concen: 55.044 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

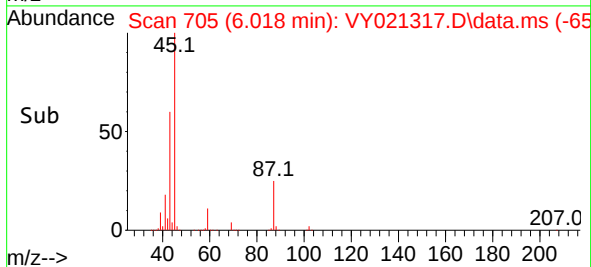
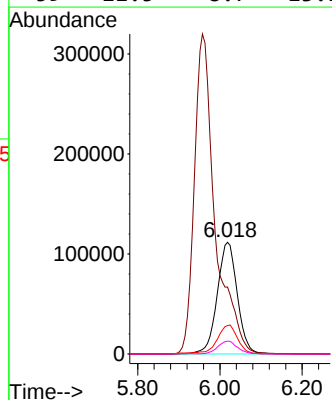
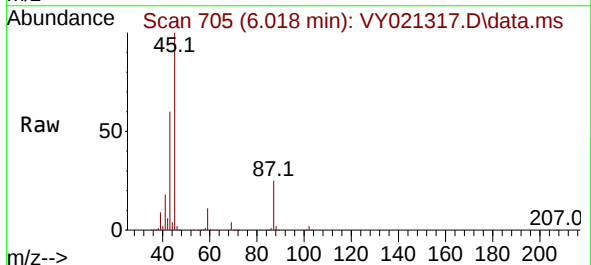
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

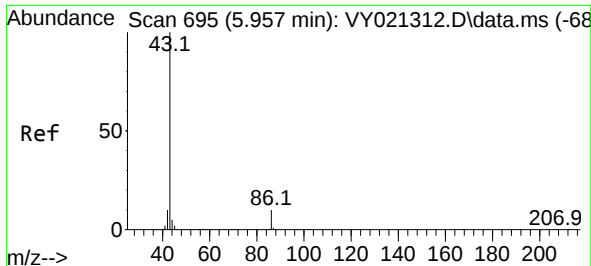
Tgt Ion: 96 Resp: 112082
Ion Ratio Lower Upper
96 100
61 146.6 116.3 174.5
98 66.4 52.6 78.8



#22
Diisopropyl ether
Concen: 55.595 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 45 Resp: 377281
Ion Ratio Lower Upper
45 100
43 59.4 48.2 72.4
87 25.4 20.3 30.5
59 11.5 8.7 13.1

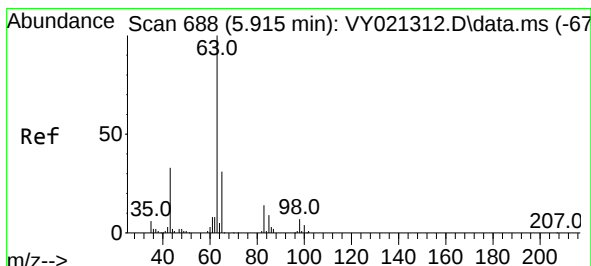
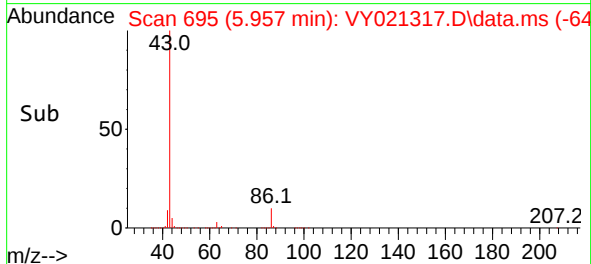
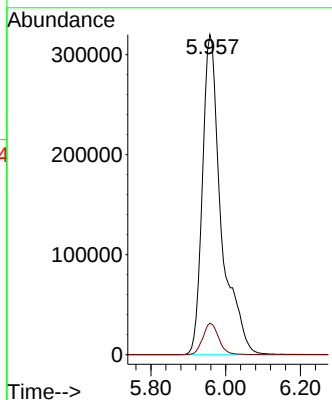
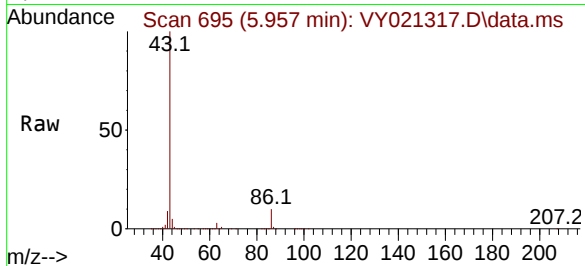




#23
 Vinyl Acetate
 Concen: 275.197 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

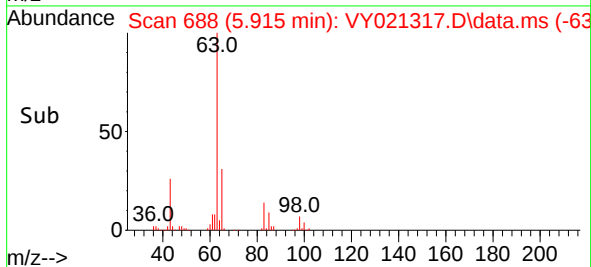
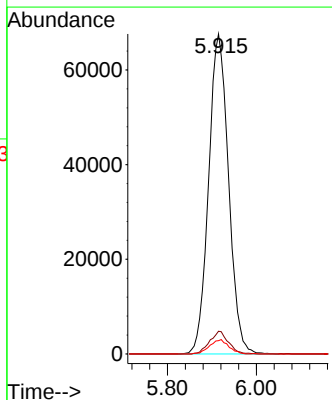
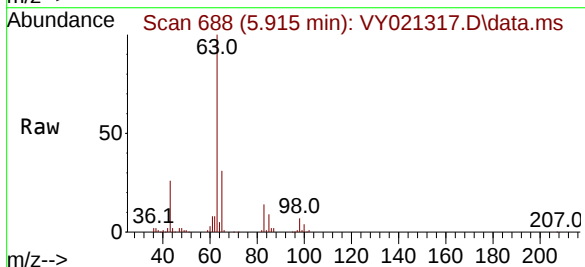
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022525

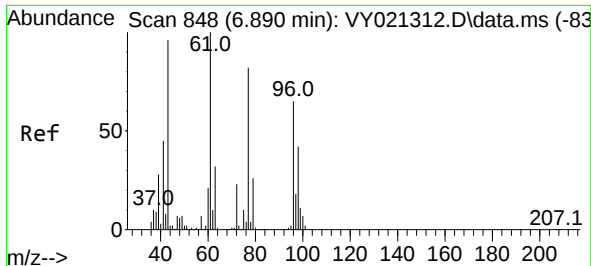
Tgt Ion: 43 Resp: 1116005
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 55.004 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

Tgt Ion: 63 Resp: 210383
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 253.246 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

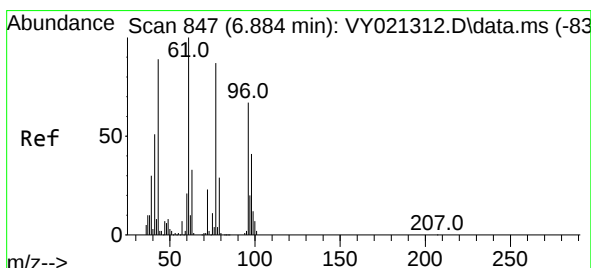
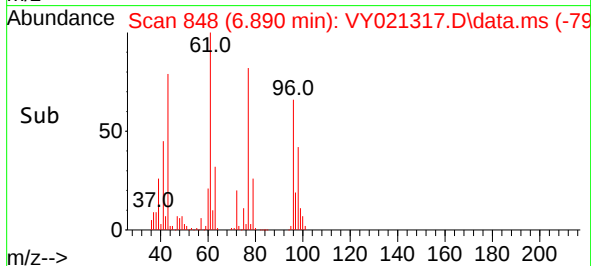
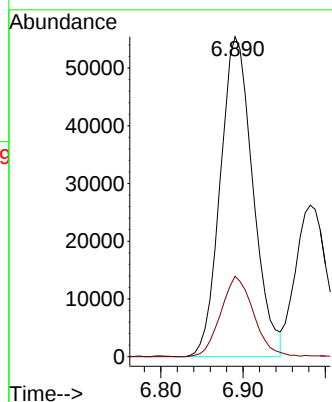
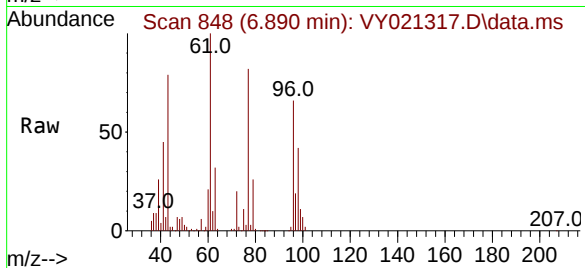
ICVY022525

Tgt Ion: 43 Resp: 152895

Ion Ratio Lower Upper

43 100

72 25.2 19.0 28.6



#26

2,2-Dichloropropane

Concen: 53.893 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021317.D

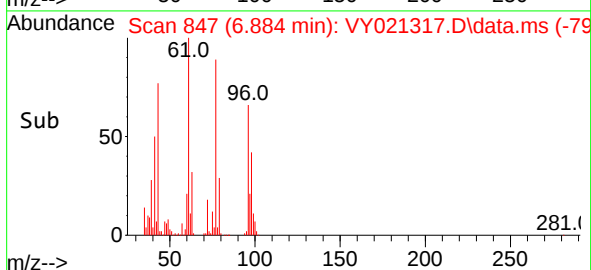
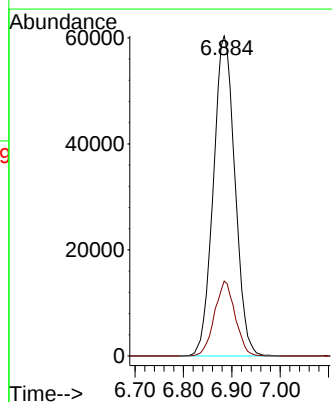
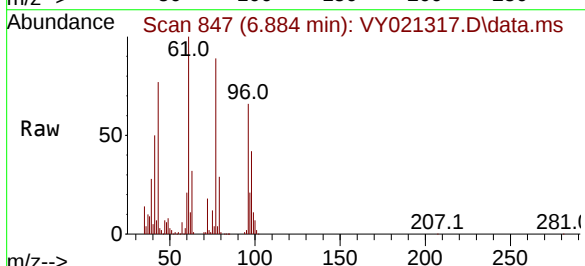
Acq: 25 Feb 2025 17:31

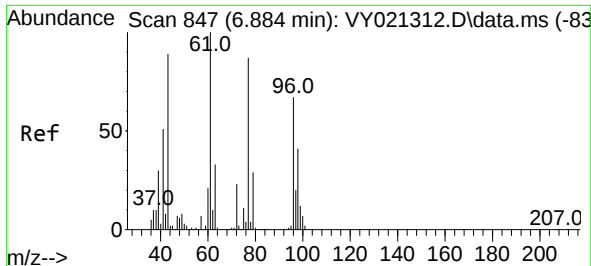
Tgt Ion: 77 Resp: 187045

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 56.305 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022525

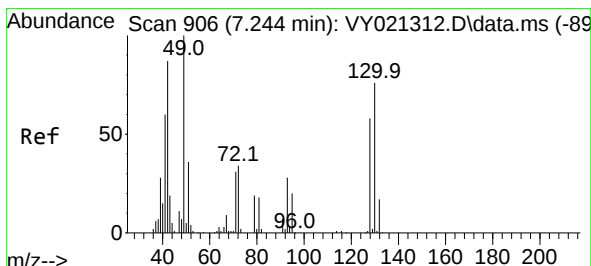
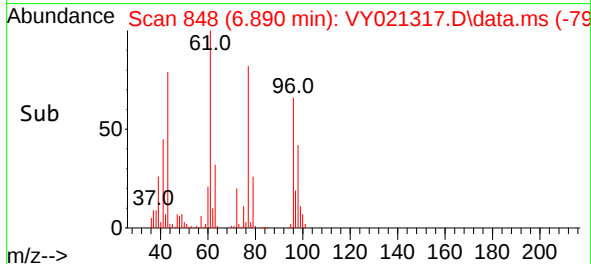
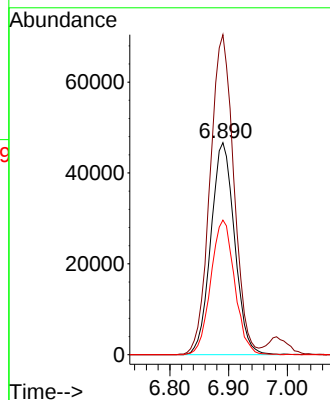
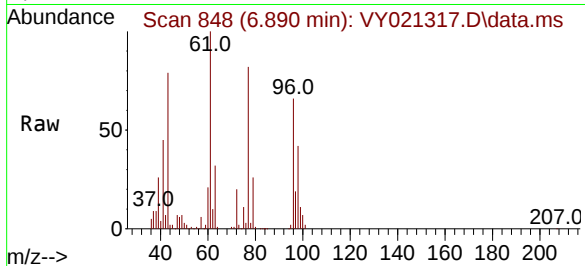
Tgt Ion: 96 Resp: 130921

Ion Ratio Lower Upper

96 100

61 151.3 0.0 308.0

98 63.7 0.0 129.6



#28

Bromochloromethane

Concen: 47.452 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

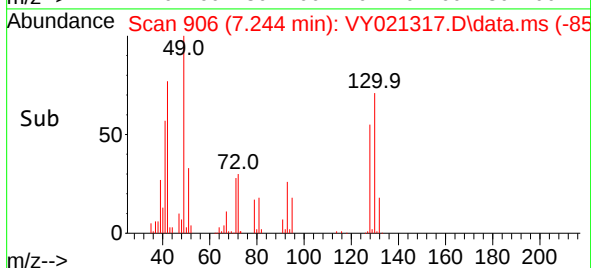
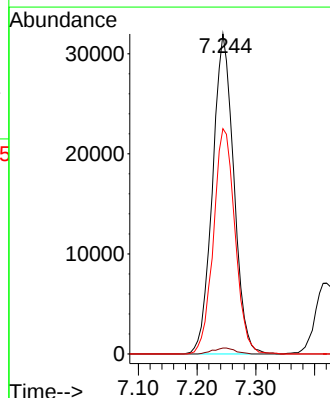
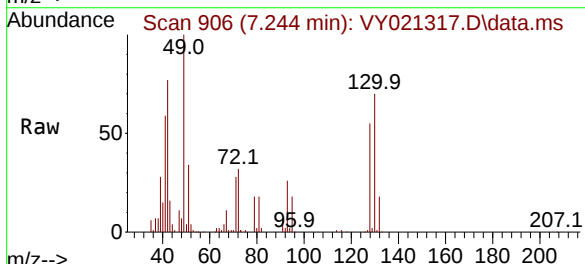
Tgt Ion: 49 Resp: 80309

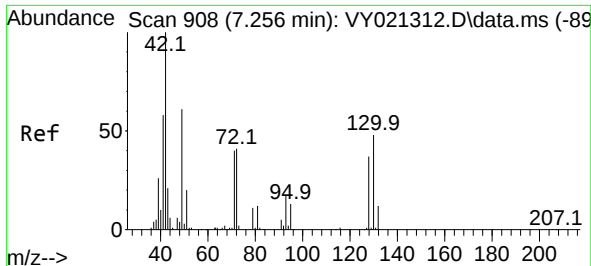
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 71.5 57.8 86.6

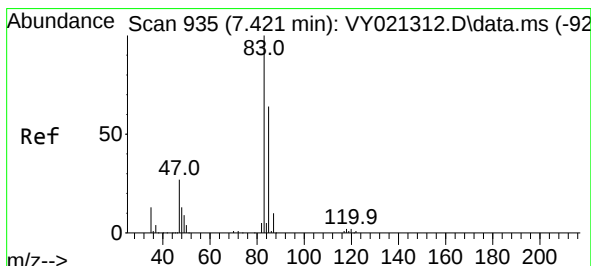
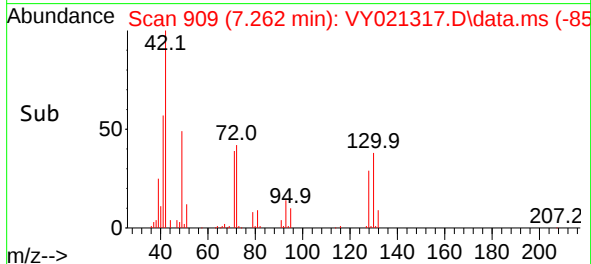
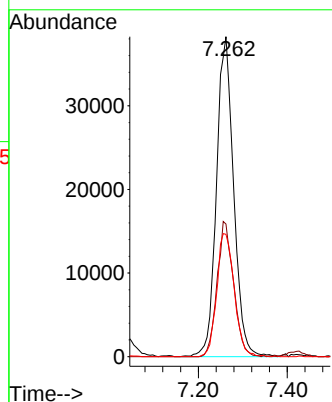
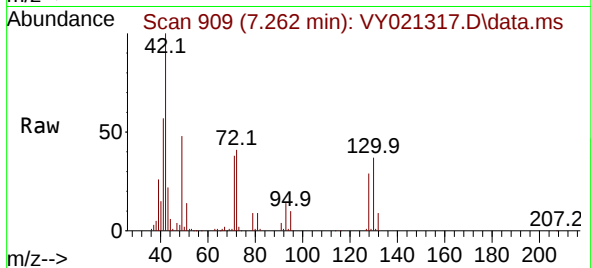




#29
Tetrahydrofuran
Concen: 260.172 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

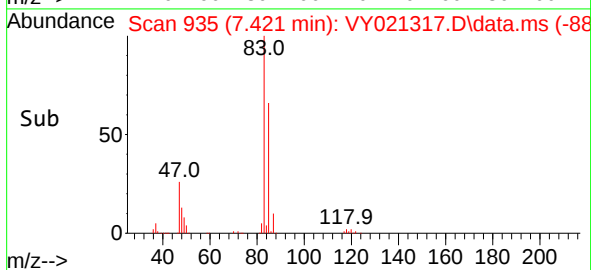
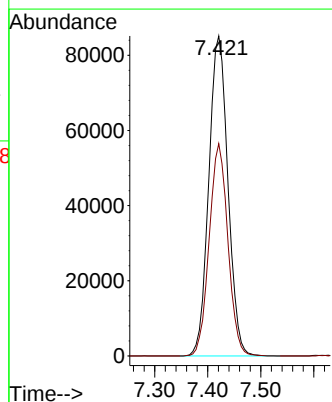
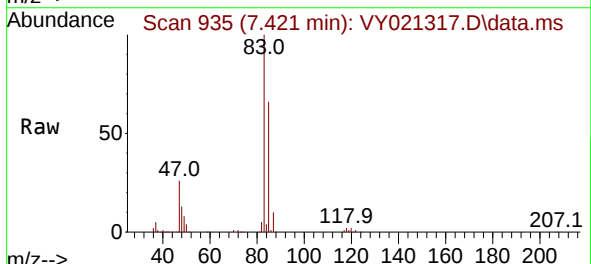
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

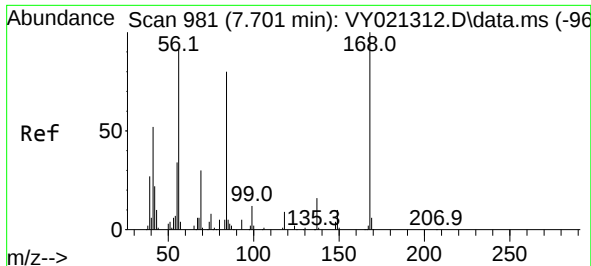
Tgt Ion: 42 Resp: 102673
Ion Ratio Lower Upper
42 100
72 40.4 33.1 49.7
71 39.2 31.4 47.0



#30
Chloroform
Concen: 55.023 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 83 Resp: 213255
Ion Ratio Lower Upper
83 100
85 66.3 51.6 77.4

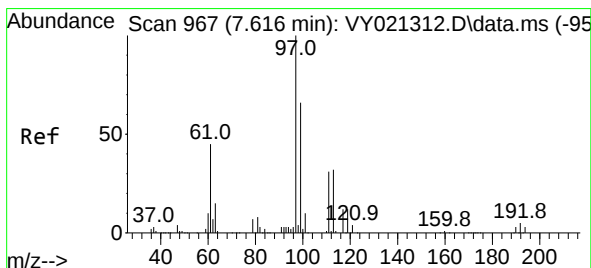
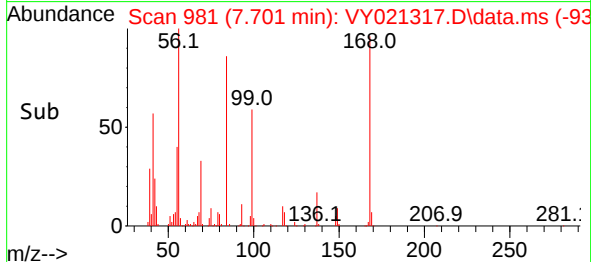
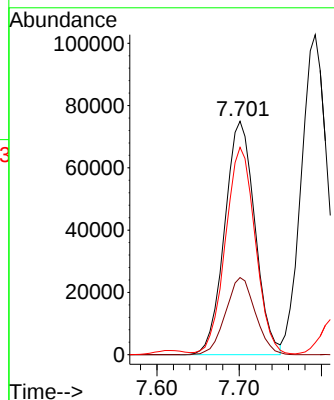
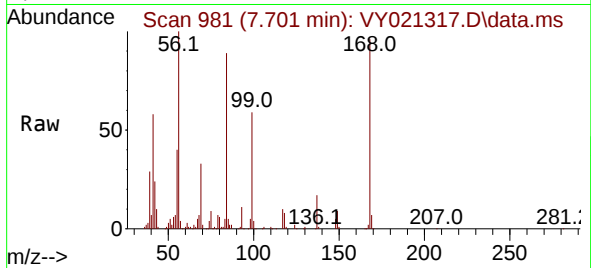




#31
Cyclohexane
Concen: 52.180 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

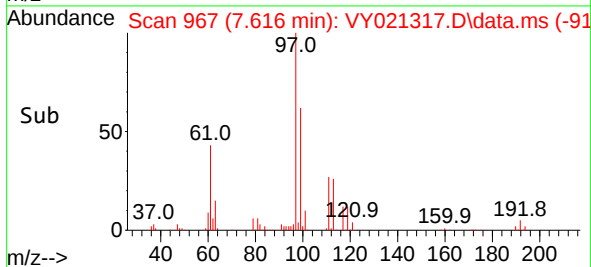
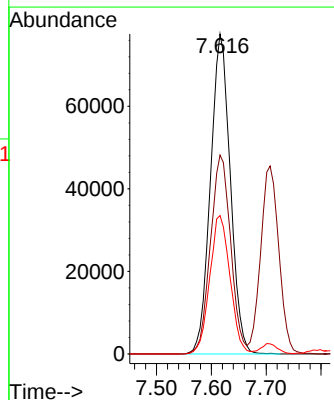
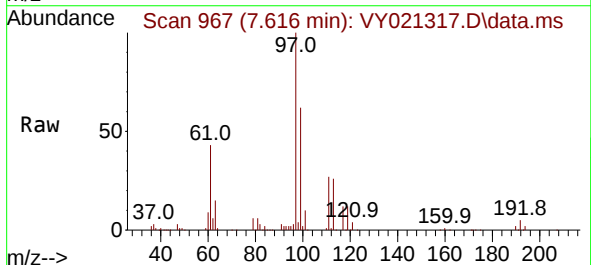
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

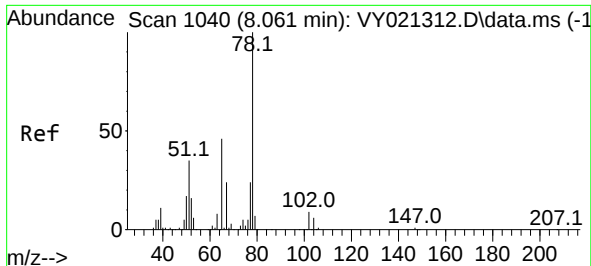
Tgt Ion: 56 Resp: 191850
Ion Ratio Lower Upper
56 100
69 33.0 26.2 39.4
84 87.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 55.084 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 97 Resp: 194325
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 44.3 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 47.453 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

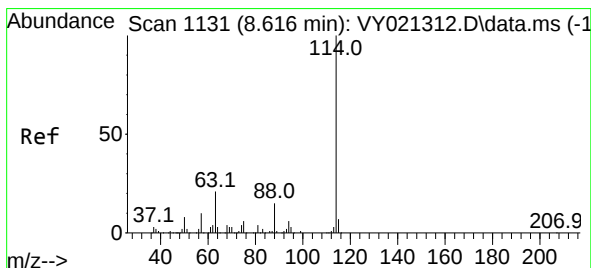
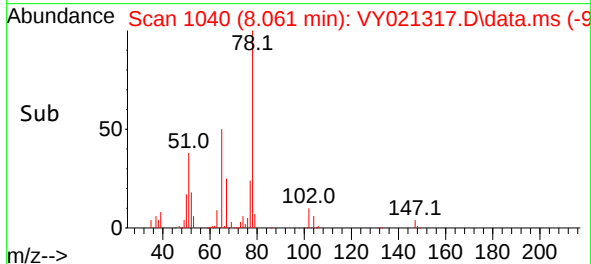
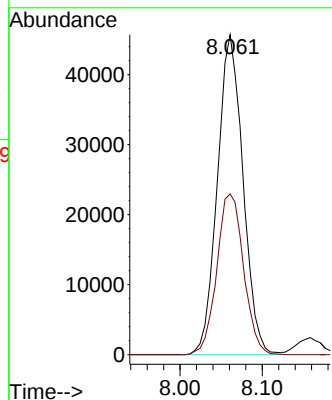
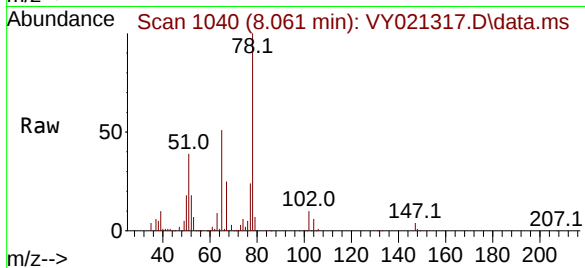
ICVY022525

Tgt Ion: 65 Resp: 98960

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

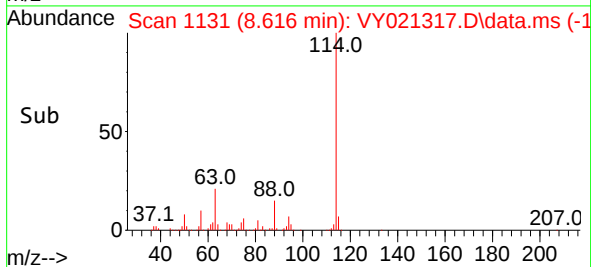
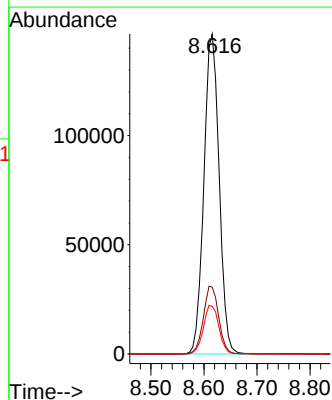
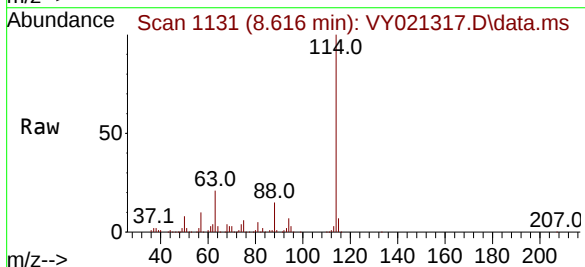
Tgt Ion: 114 Resp: 292214

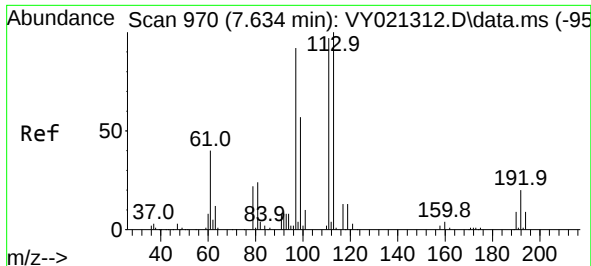
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 14.9 0.0 29.8

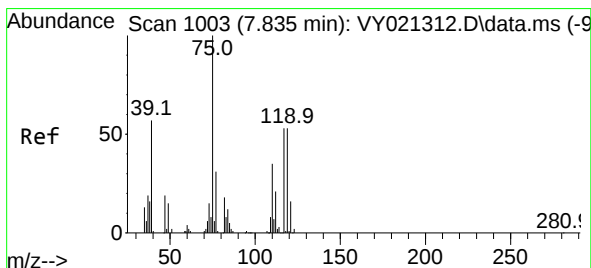
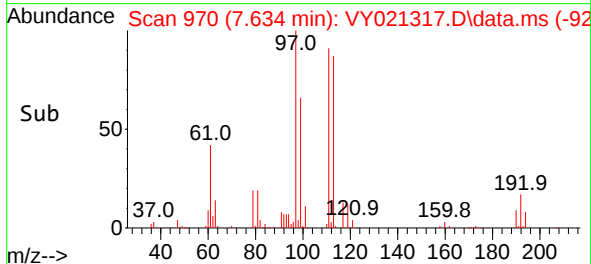
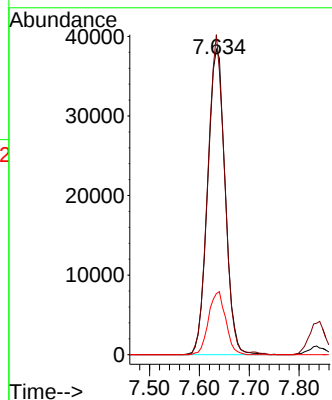
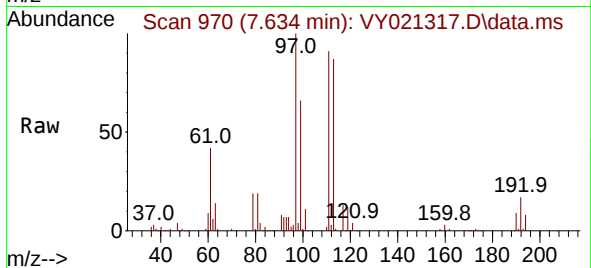




#35
Dibromofluoromethane
Concen: 49.037 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

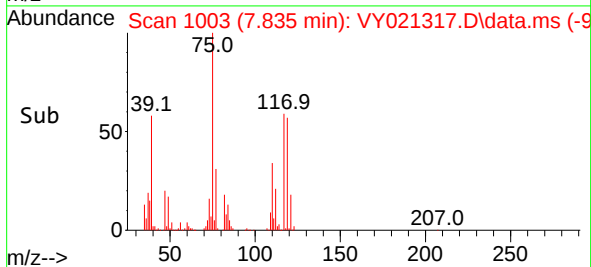
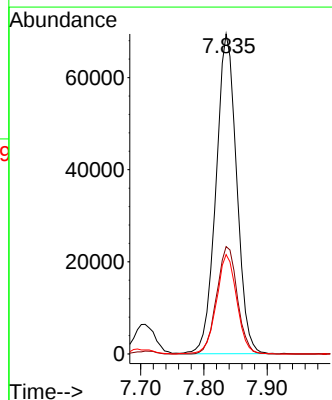
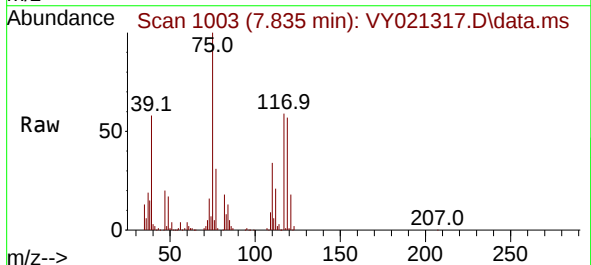
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

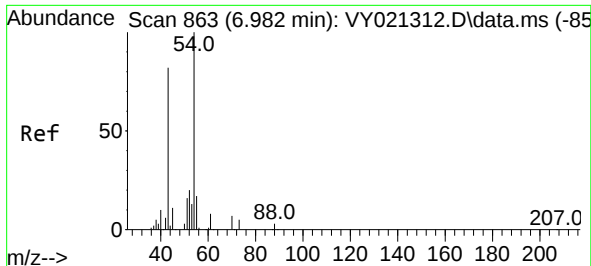
Tgt Ion:113 Resp: 93944
Ion Ratio Lower Upper
113 100
111 100.0 81.0 121.6
192 20.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 54.593 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 157102
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 50.864 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

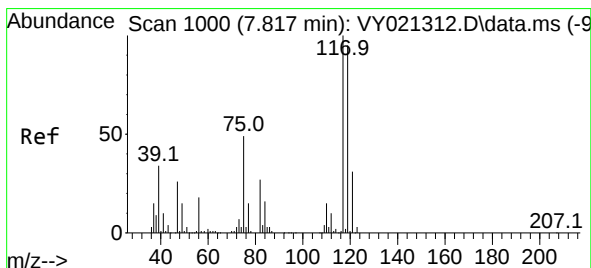
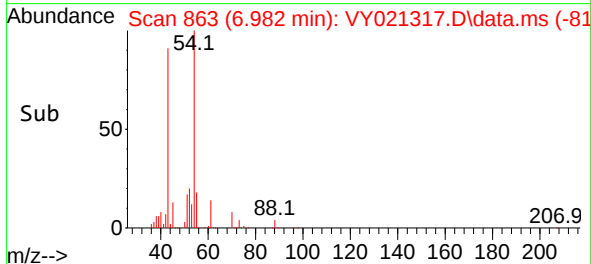
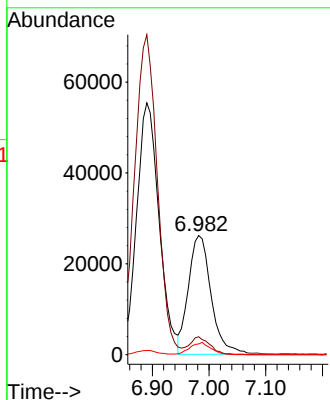
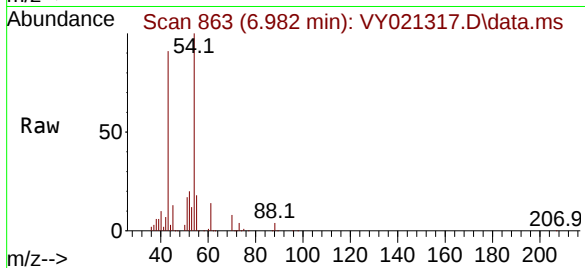
Tgt Ion: 43 Resp: 72810

Ion Ratio Lower Upper

43 100

61 13.6 10.4 15.6

70 9.4 7.5 11.3



#38

Carbon Tetrachloride

Concen: 54.157 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

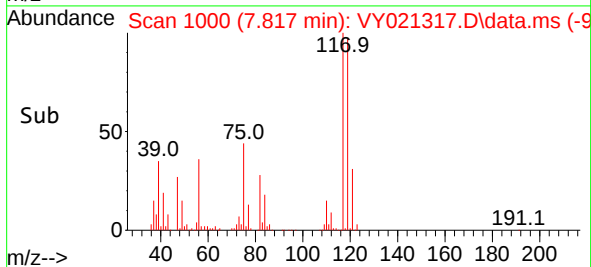
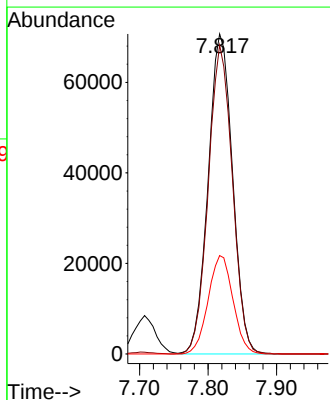
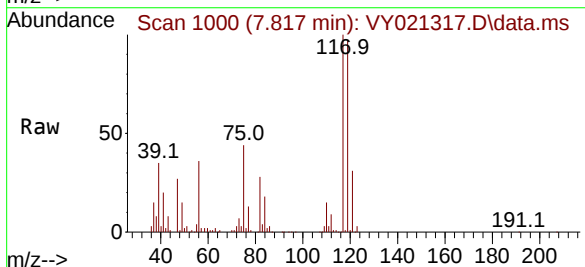
Tgt Ion: 117 Resp: 175208

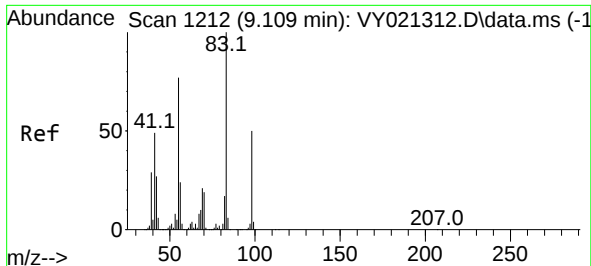
Ion Ratio Lower Upper

117 100

119 96.4 76.0 114.0

121 30.8 24.9 37.3





#39

Methylcyclohexane

Concen: 54.397 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022525

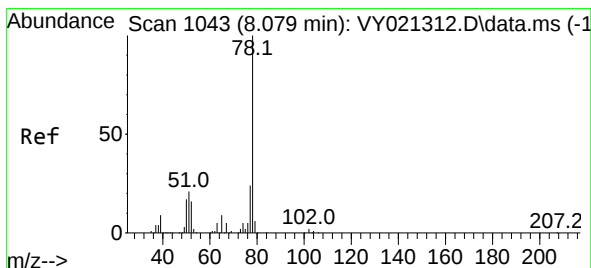
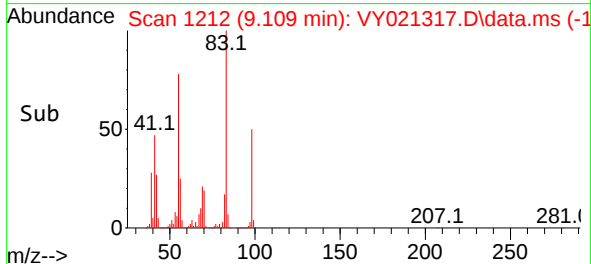
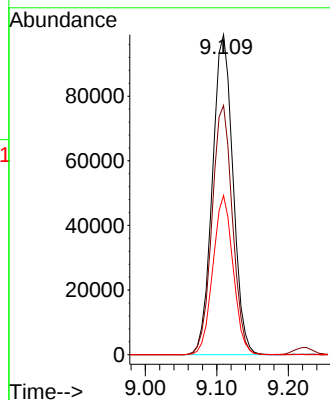
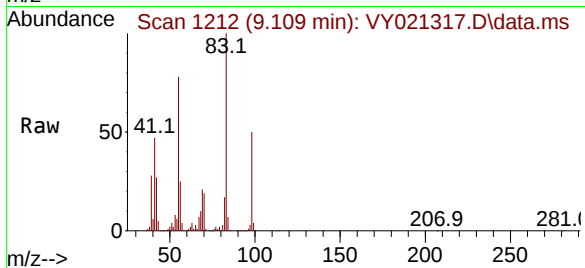
Tgt Ion: 83 Resp: 197993

Ion Ratio Lower Upper

83 100

55 77.9 61.3 91.9

98 49.7 39.9 59.9



#40

Benzene

Concen: 54.583 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021317.D

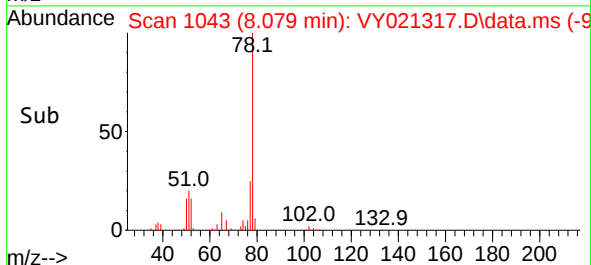
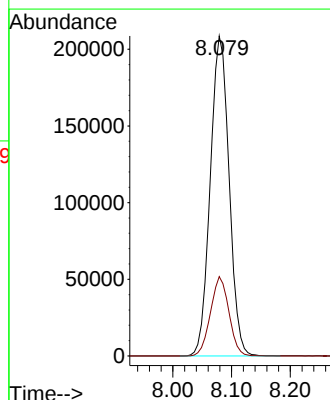
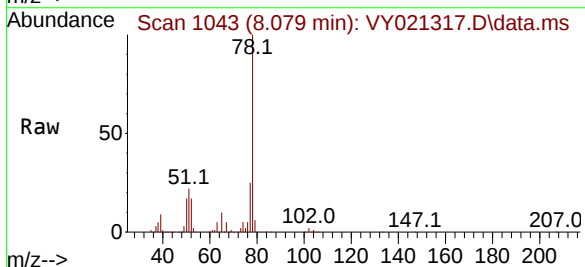
Acq: 25 Feb 2025 17:31

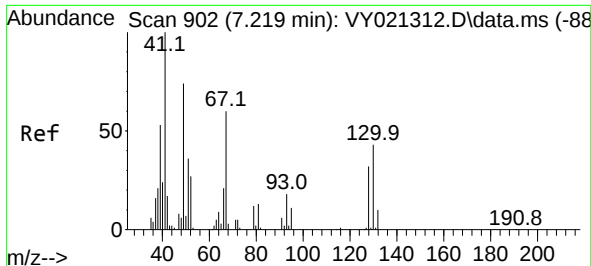
Tgt Ion: 78 Resp: 464323

Ion Ratio Lower Upper

78 100

77 24.8 19.2 28.8

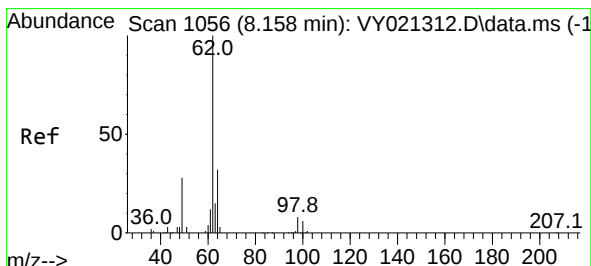
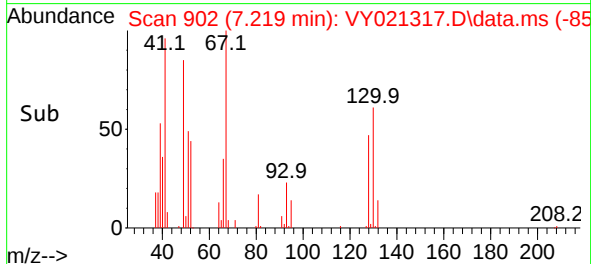
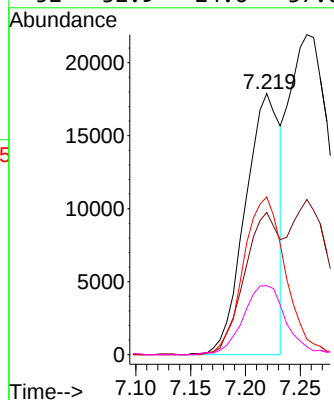
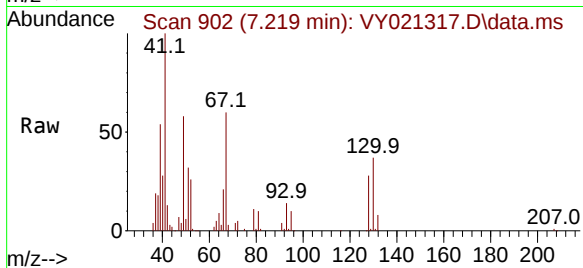




#41
Methacrylonitrile
Concen: 49.244 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

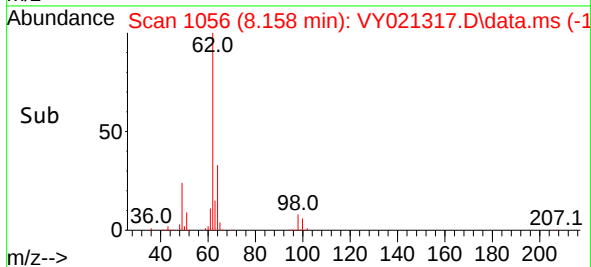
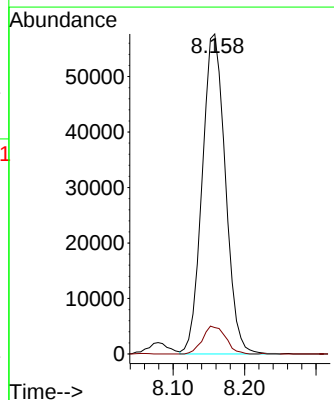
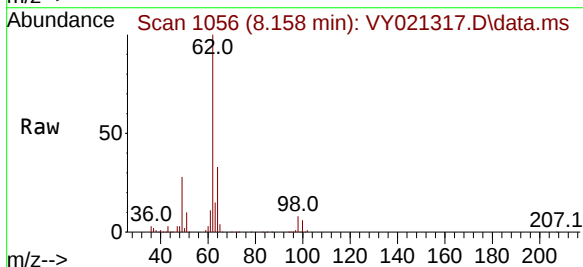
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

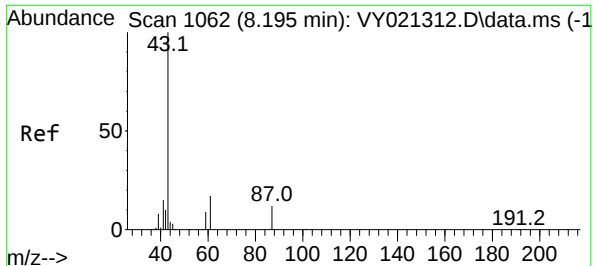
Tgt Ion:	41	Resp:	39412
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.3	63.5
67	73.3	54.8	82.2
52	32.9	24.6	37.0



#42
1,2-Dichloroethane
Concen: 53.746 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:	62	Resp:	129718
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6

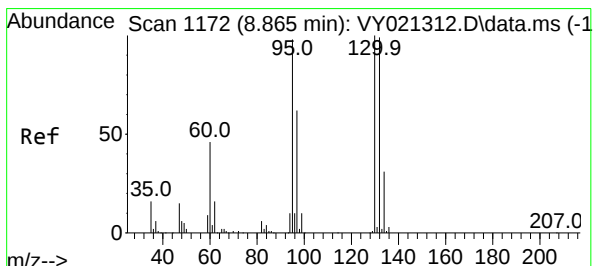
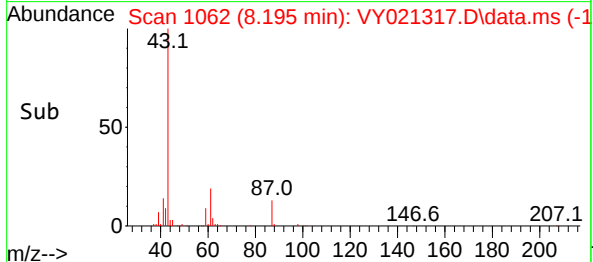
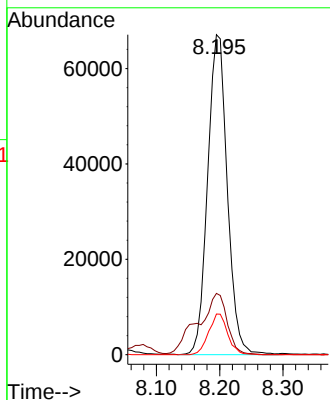
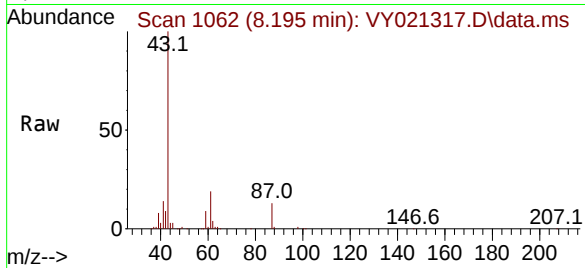




#43
Isopropyl Acetate
Concen: 52.380 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

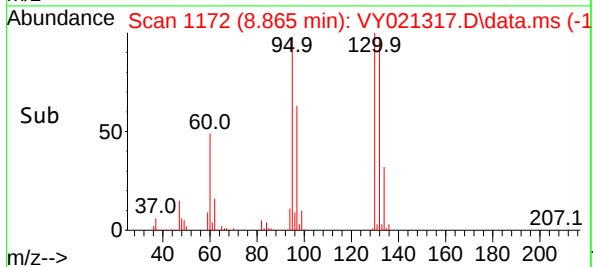
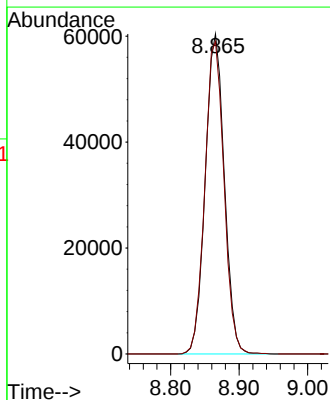
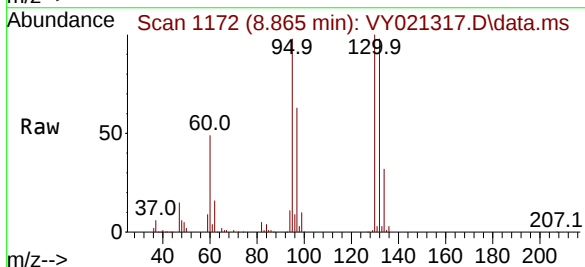
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

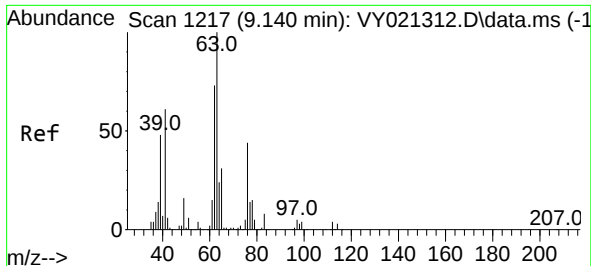
Tgt Ion: 43 Resp: 145128
Ion Ratio Lower Upper
43 100
61 28.5 15.0 22.6#
87 12.3 10.0 15.0



#44
Trichloroethene
Concen: 54.930 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:130 Resp: 116988
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.464 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

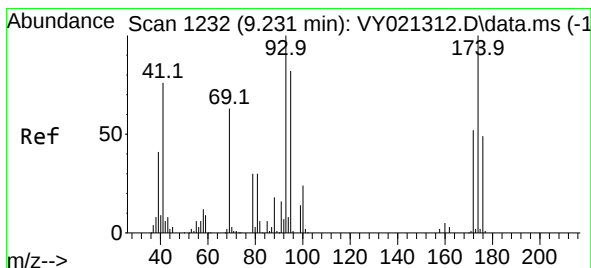
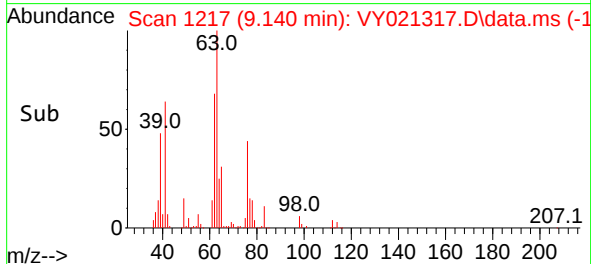
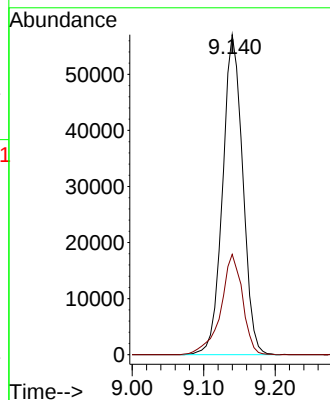
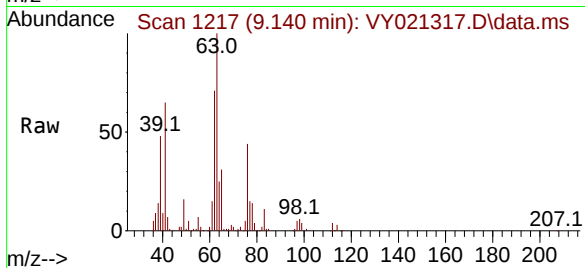
ICVVY022525

Tgt Ion: 63 Resp: 111498

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 54.539 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

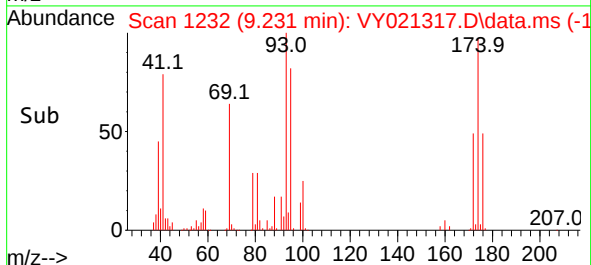
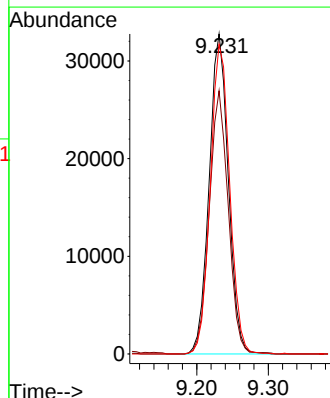
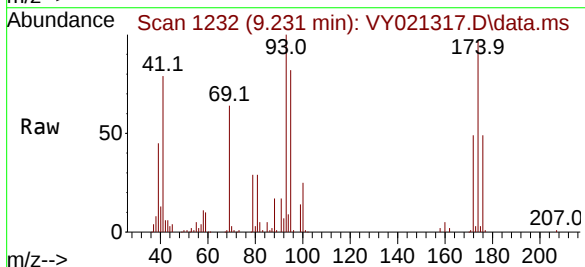
Tgt Ion: 93 Resp: 61031

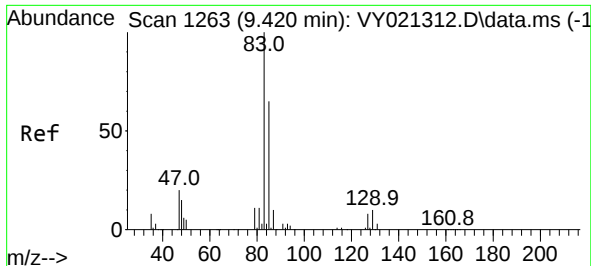
Ion Ratio Lower Upper

93 100

95 81.4 66.4 99.6

174 98.0 78.2 117.2

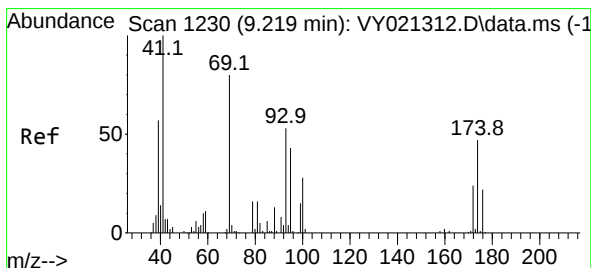
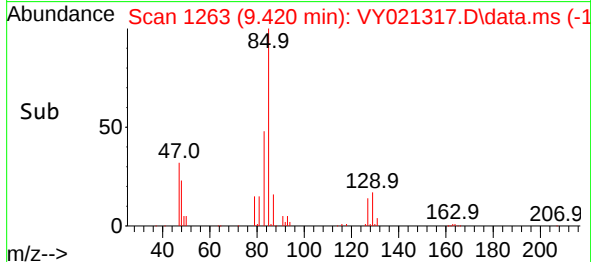
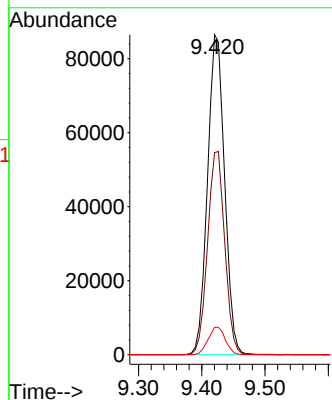
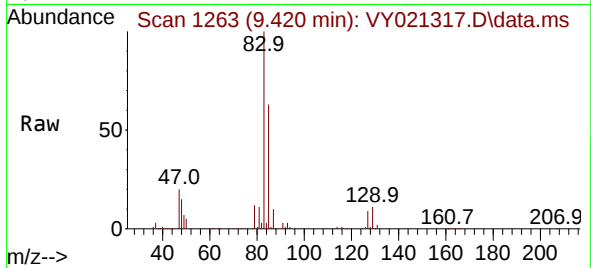




#47
Bromodichloromethane
Concen: 54.489 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

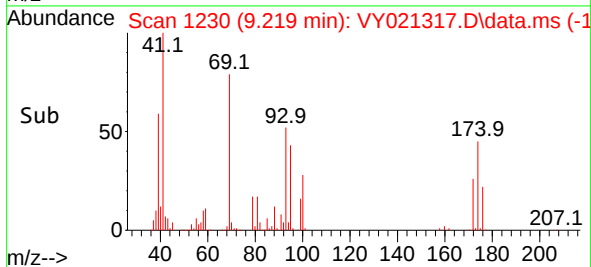
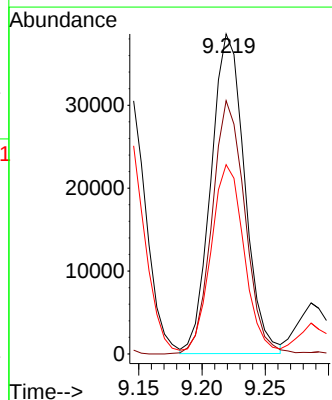
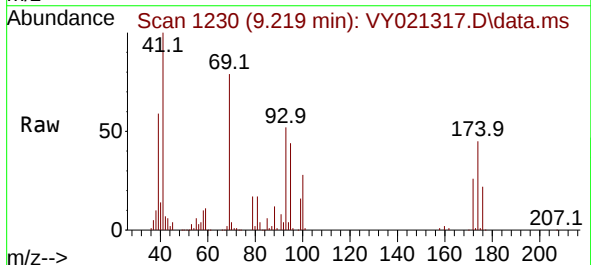
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

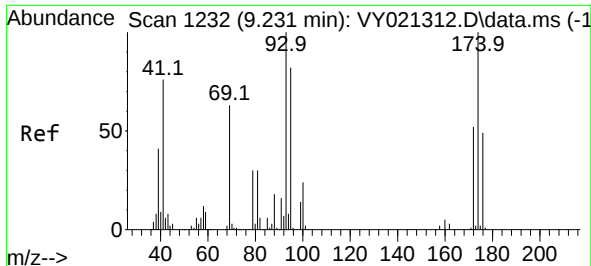
Tgt Ion: 83 Resp: 162580
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 55.076 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 41 Resp: 71360
Ion Ratio Lower Upper
41 100
69 77.6 63.3 94.9
39 56.2 45.0 67.6





#49

1,4-Dioxane

Concen: 1053.076 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

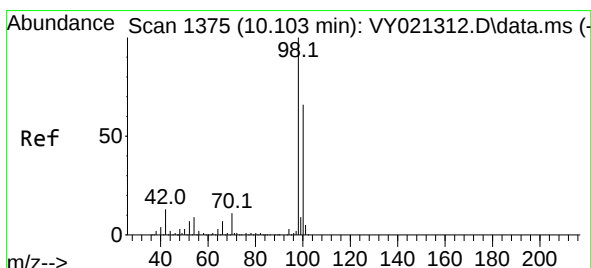
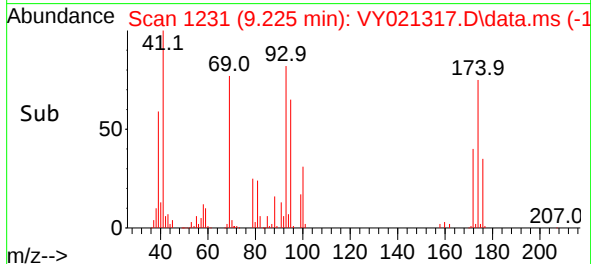
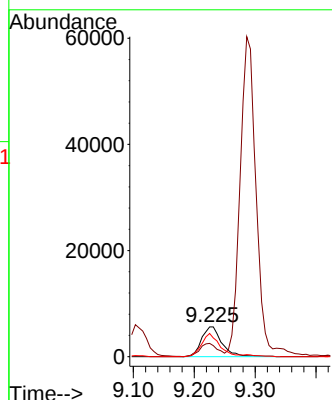
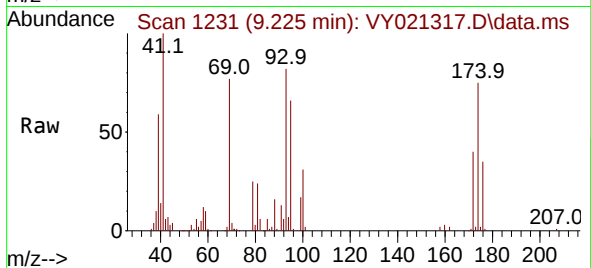
Tgt Ion: 88 Resp: 13103

Ion Ratio Lower Upper

88 100

43 39.5 34.8 52.2

58 69.6 59.8 89.6



#50

Toluene-d8

Concen: 48.694 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021317.D

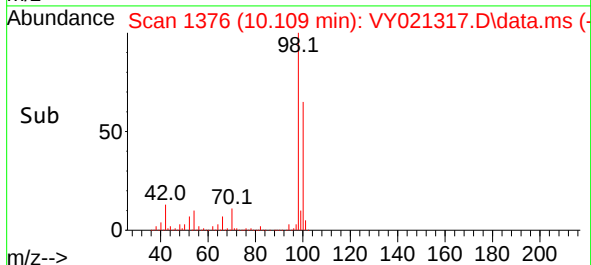
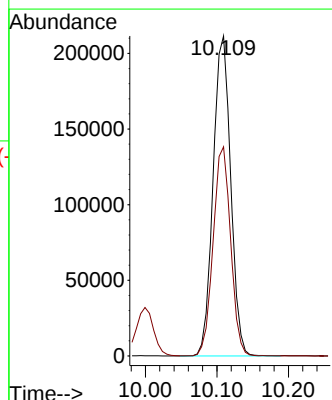
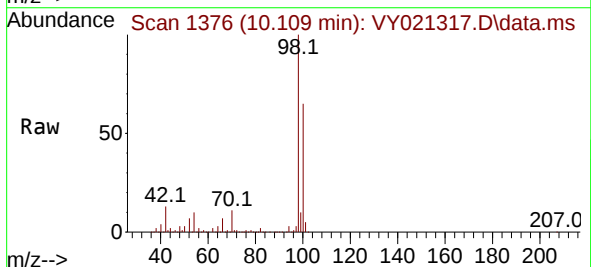
Acq: 25 Feb 2025 17:31

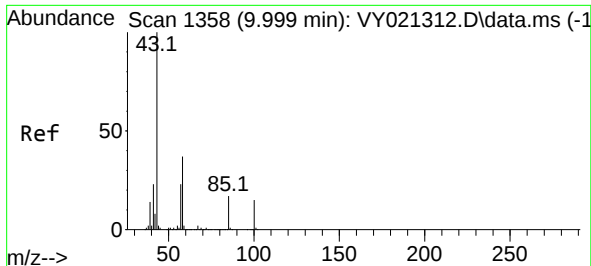
Tgt Ion: 98 Resp: 360528

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 262.628 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

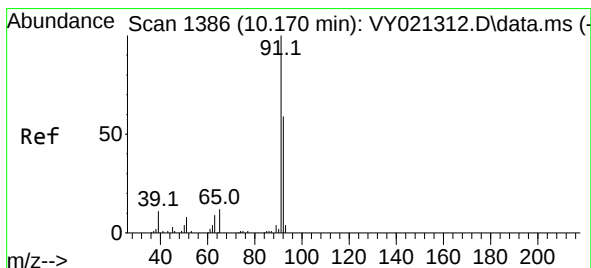
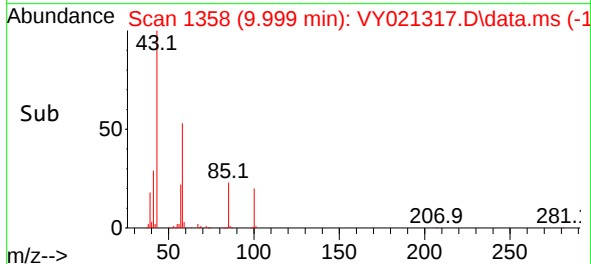
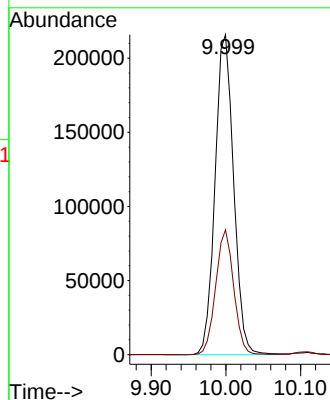
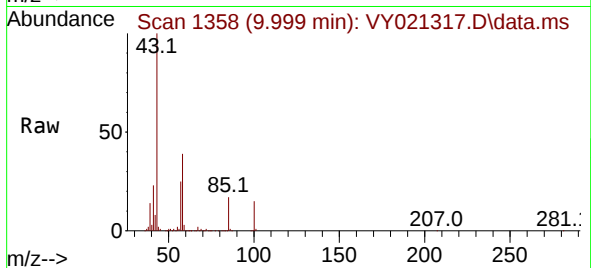
ICVY022525

Tgt Ion: 43 Resp: 372486

Ion Ratio Lower Upper

43 100

58 37.9 30.1 45.1



#52

Toluene

Concen: 55.674 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021317.D

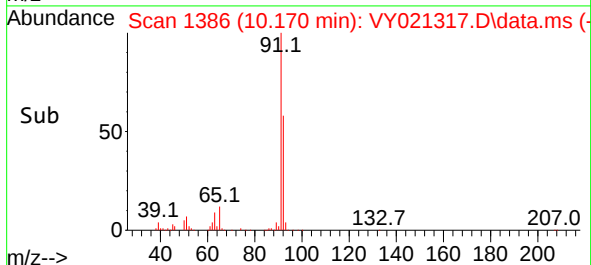
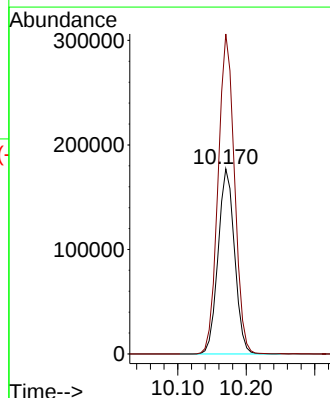
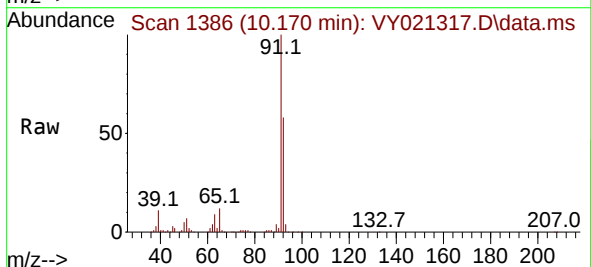
Acq: 25 Feb 2025 17:31

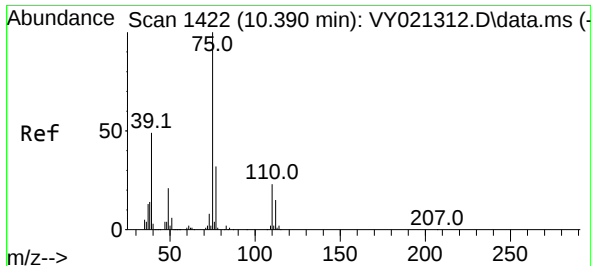
Tgt Ion: 92 Resp: 294219

Ion Ratio Lower Upper

92 100

91 172.4 137.8 206.8

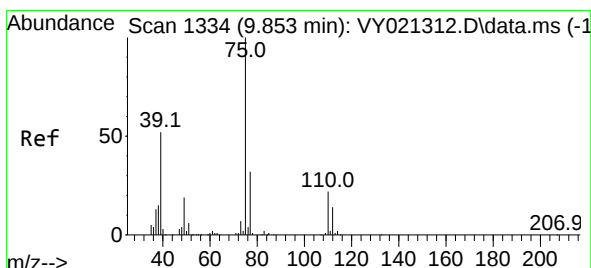
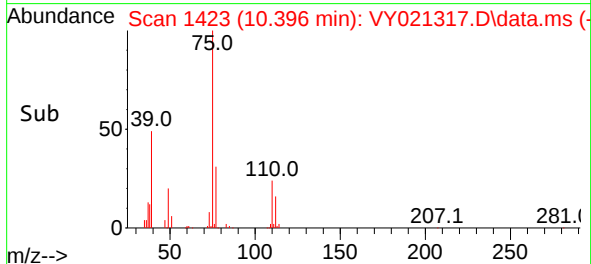
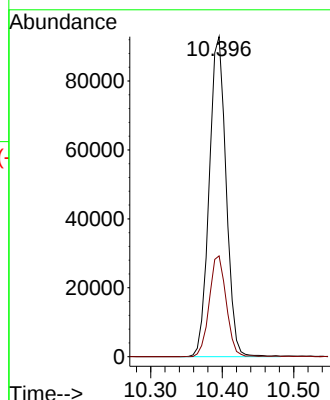
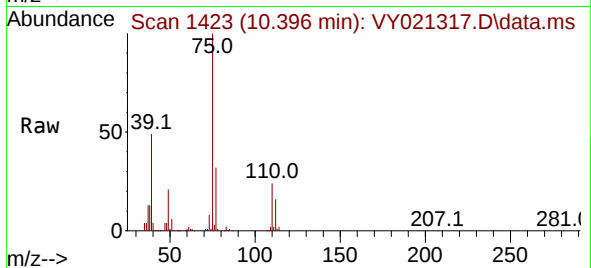




#53
t-1,3-Dichloropropene
Concen: 55.699 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

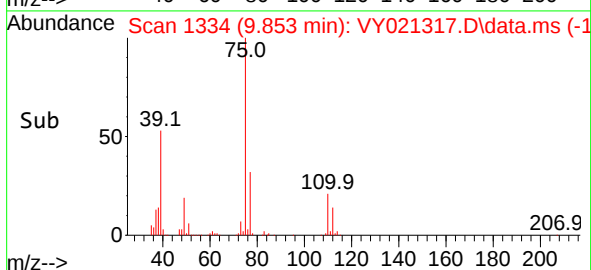
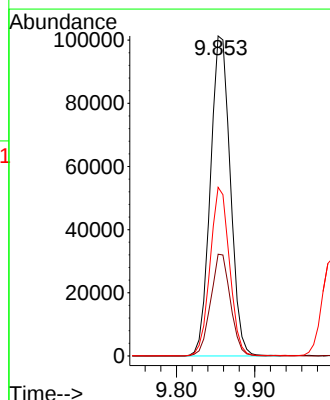
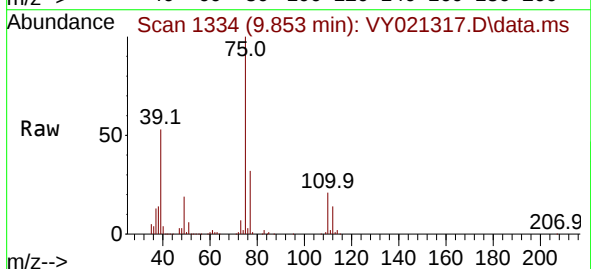
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

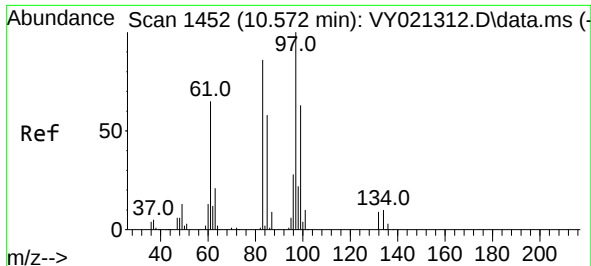
Tgt Ion: 75 Resp: 152263
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 55.451 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 75 Resp: 178951
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 52.6 41.8 62.6

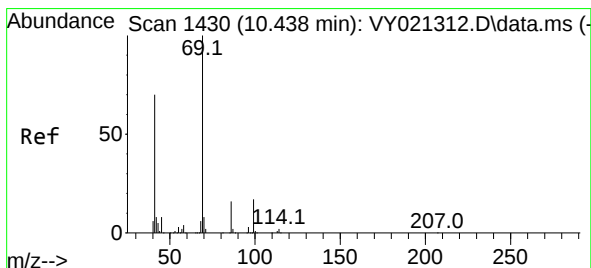
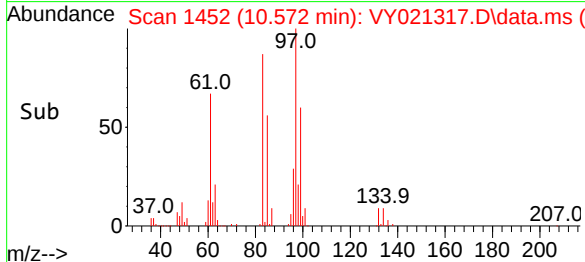
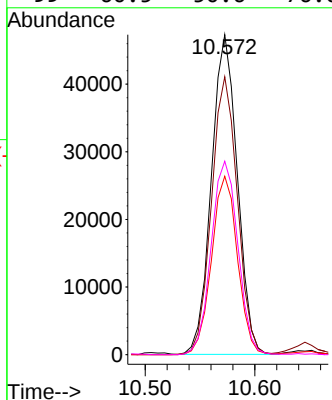
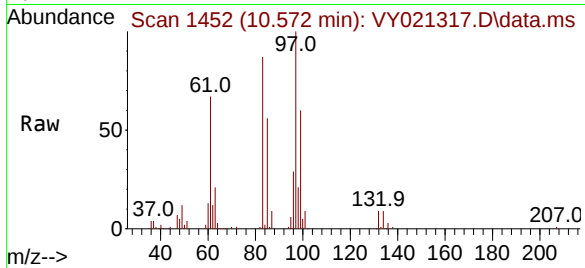




#55
1,1,2-Trichloroethane
Concen: 53.263 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

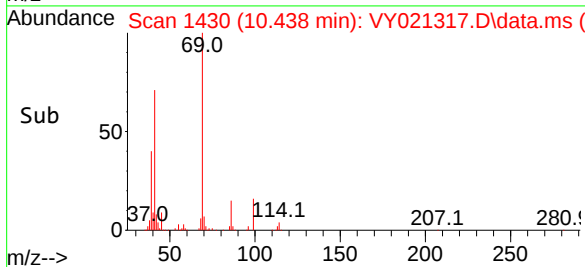
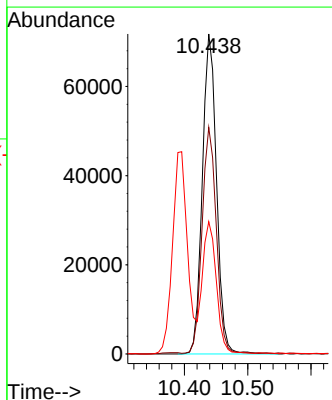
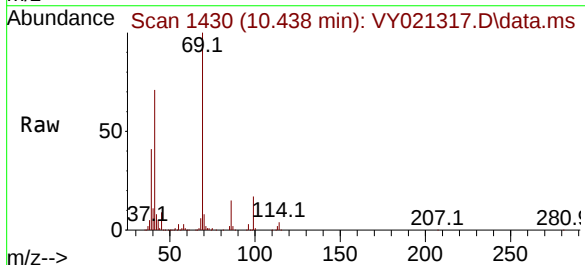
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

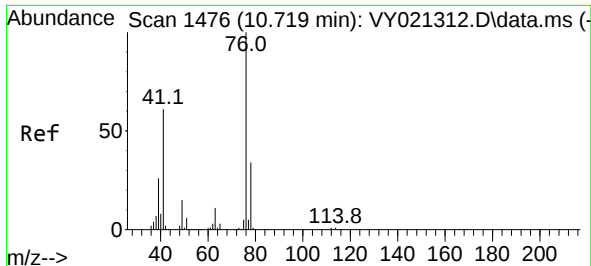
Tgt Ion:	97	Resp:	77645
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.7	103.1
85	55.7	46.3	69.5
99	60.5	50.6	76.0



#56
Ethyl methacrylate
Concen: 55.679 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:	69	Resp:	112155
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.2	84.4
39	39.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 54.438 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

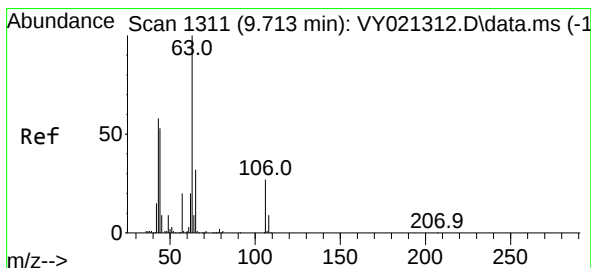
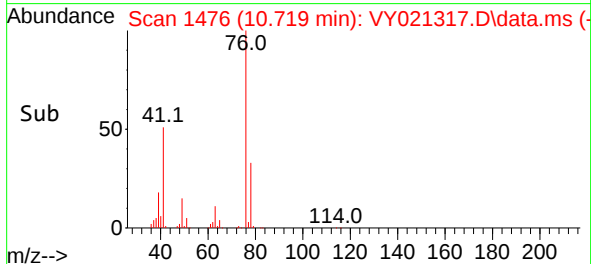
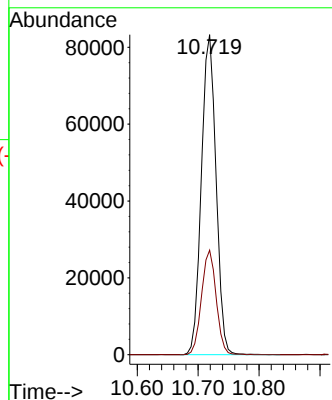
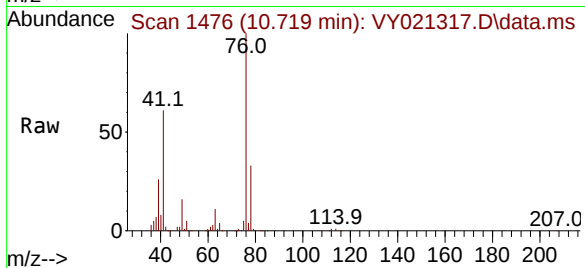
ICVVY022525

Tgt Ion: 76 Resp: 139257

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 228.990 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021317.D

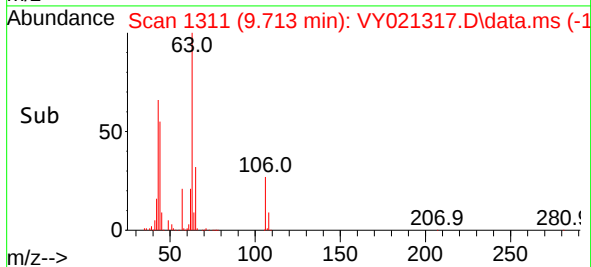
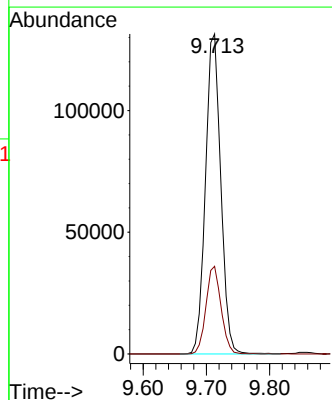
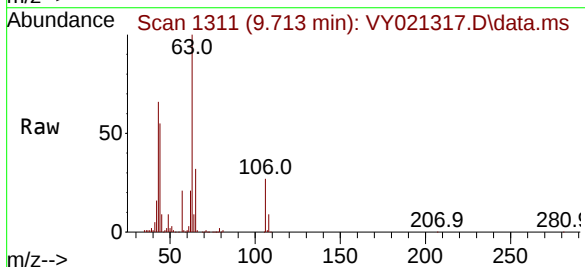
Acq: 25 Feb 2025 17:31

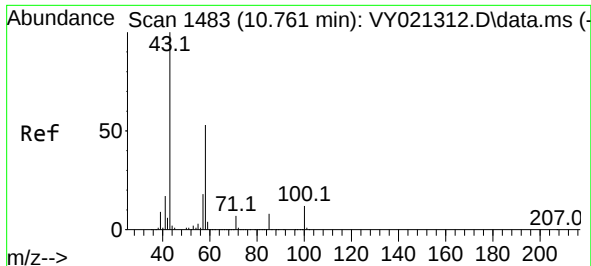
Tgt Ion: 63 Resp: 221395

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5

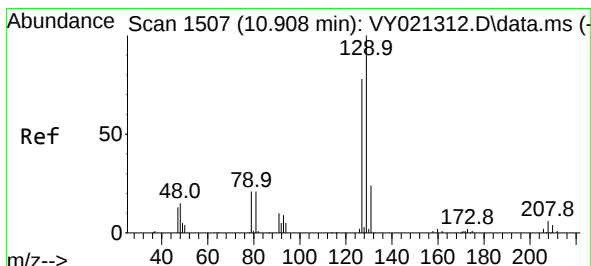
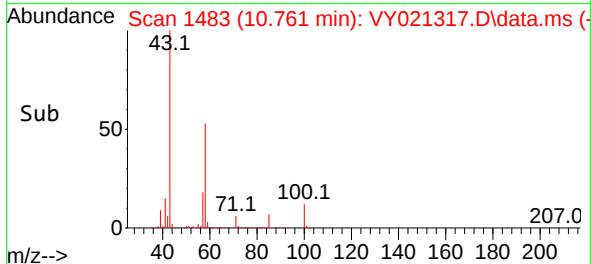
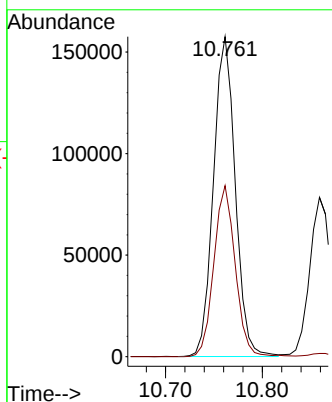
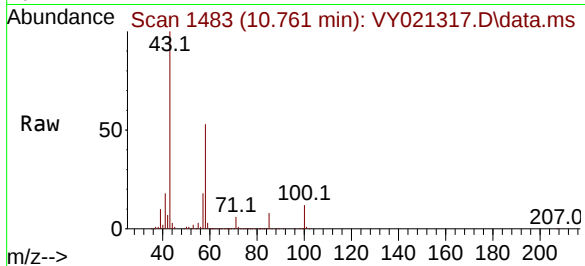




#59
2-Hexanone
Concen: 264.133 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

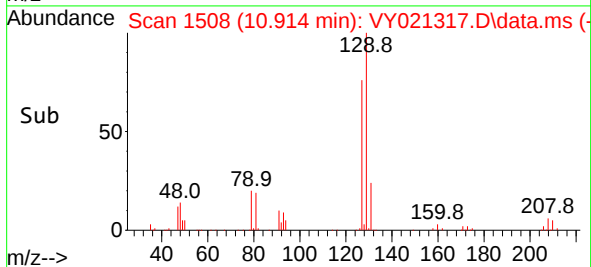
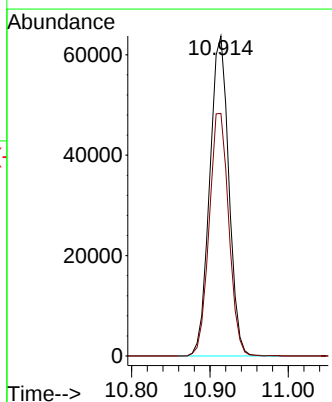
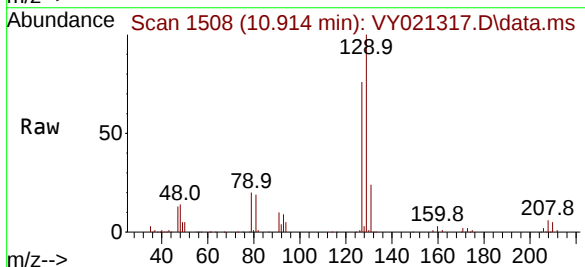
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

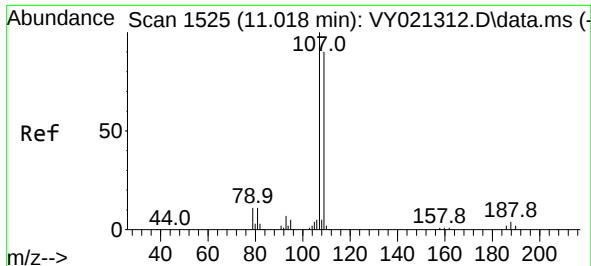
Tgt Ion: 43 Resp: 246032
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.6



#60
Dibromochloromethane
Concen: 54.329 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 129 Resp: 107866
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

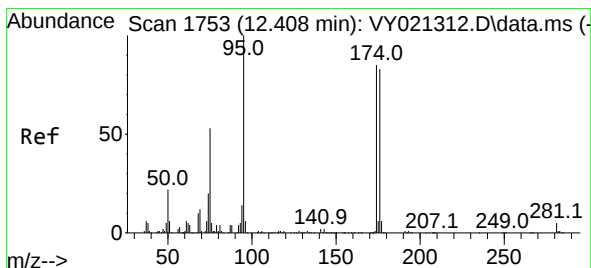
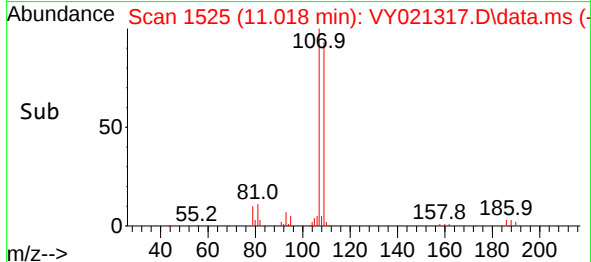
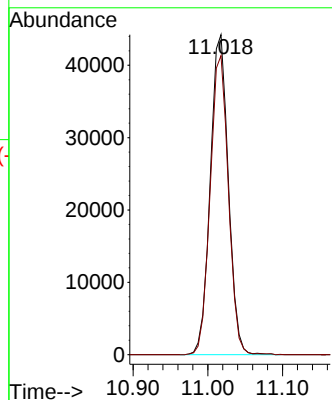
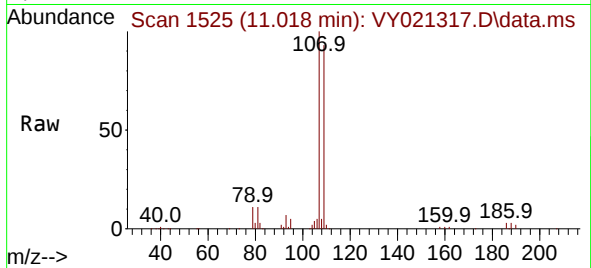




#61
1,2-Dibromoethane
Concen: 53.942 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

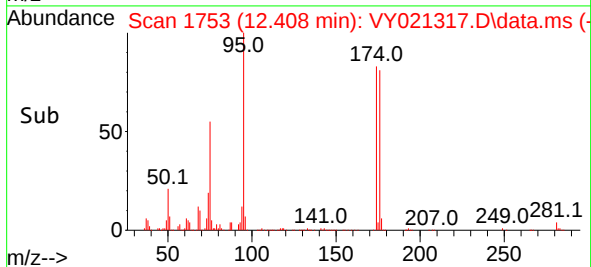
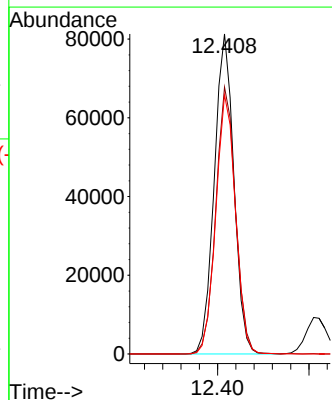
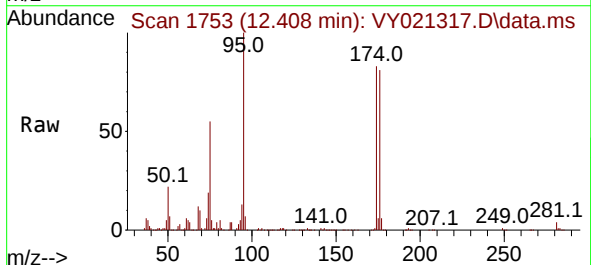
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

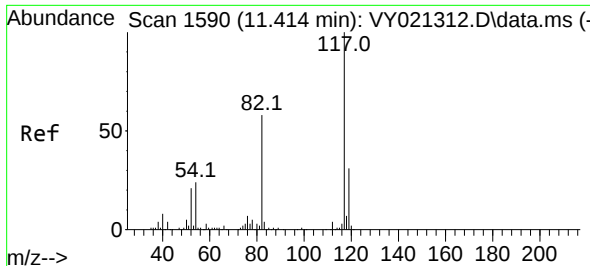
Tgt Ion:107 Resp: 74447
Ion Ratio Lower Upper
107 100
109 94.1 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 48.549 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 95 Resp: 120972
Ion Ratio Lower Upper
95 100
174 83.9 0.0 168.0
176 81.4 0.0 162.6

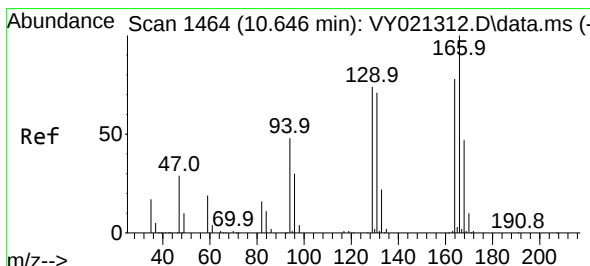
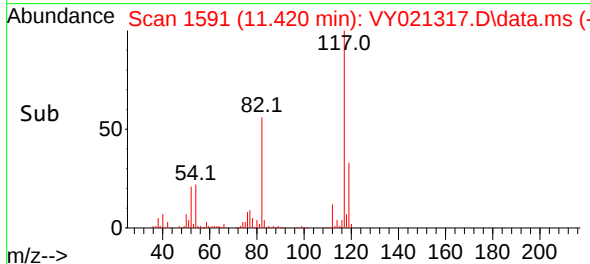
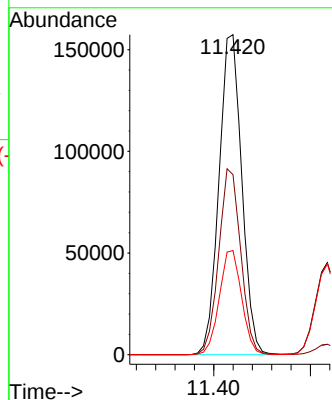
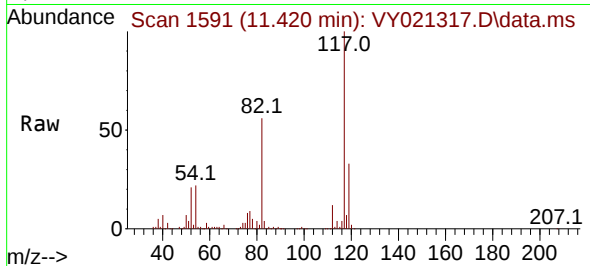




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

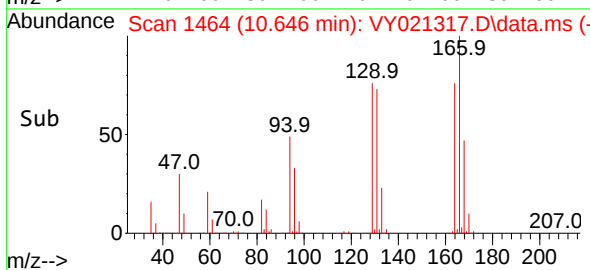
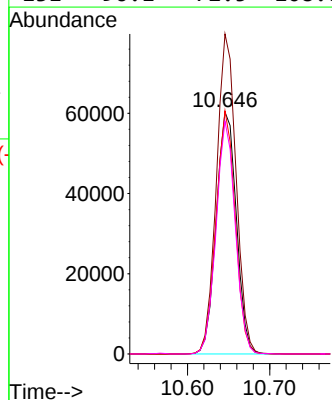
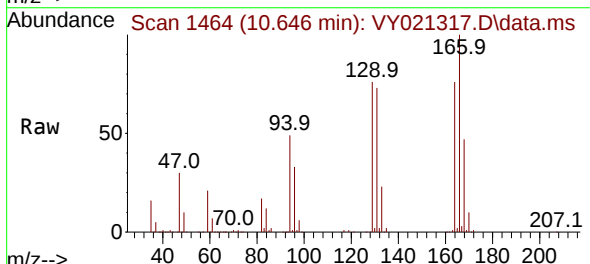
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

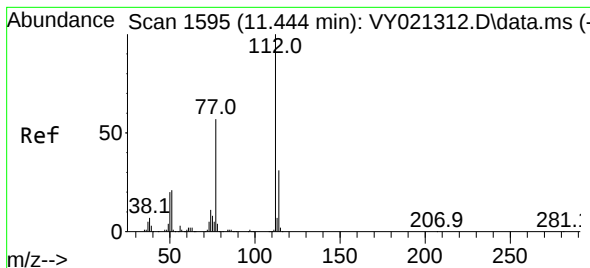
Tgt Ion:117 Resp: 257123
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 52.940 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:164 Resp: 102887
Ion Ratio Lower Upper
164 100
166 132.2 101.9 152.9
129 100.4 75.5 113.3
131 96.1 72.5 108.7

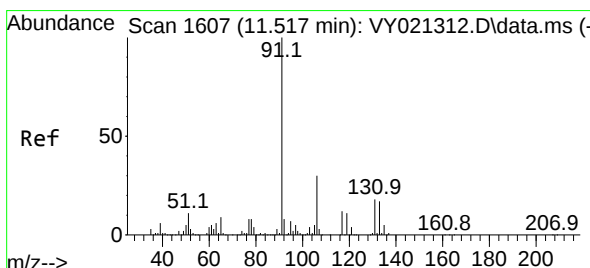
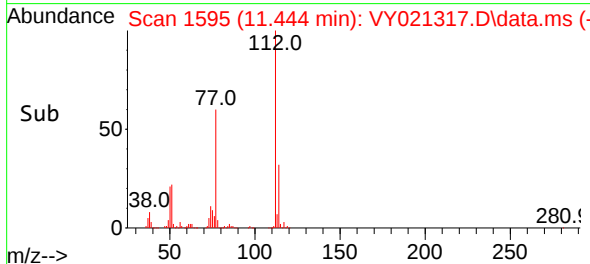
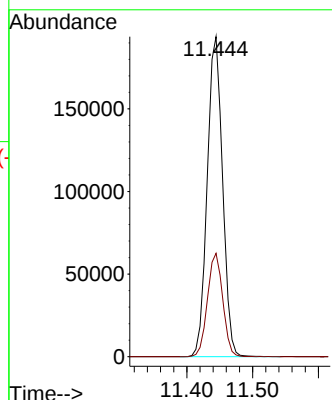
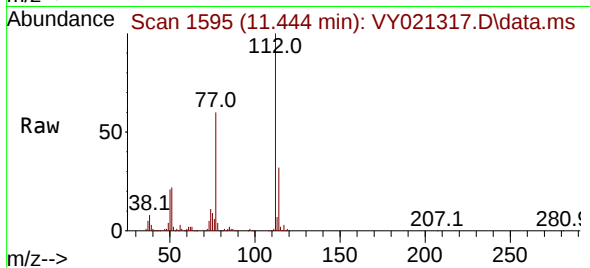




#65
Chlorobenzene
Concen: 54.410 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

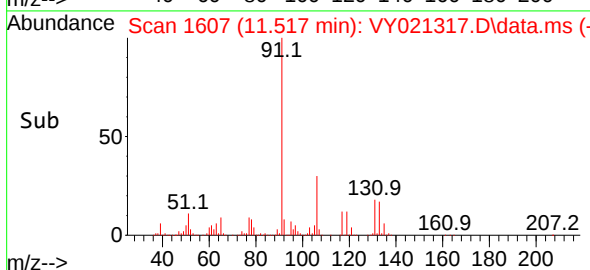
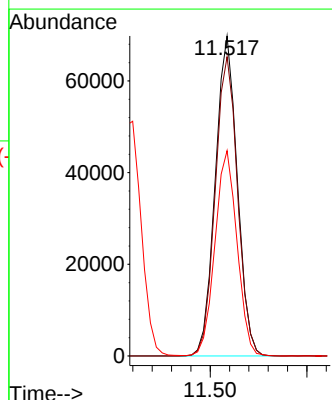
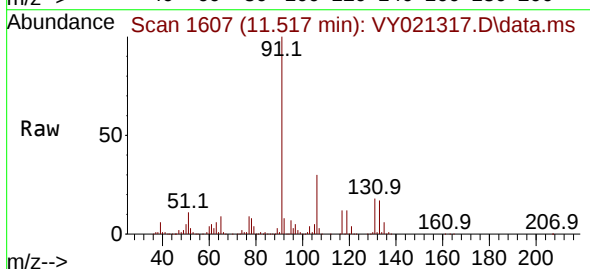
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

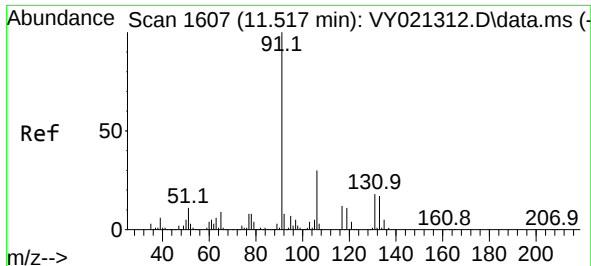
Tgt Ion:112 Resp: 314040
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.517 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion:131 Resp: 110179
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 64.3 31.7 95.1





#67

Ethyl Benzene

Concen: 55.992 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

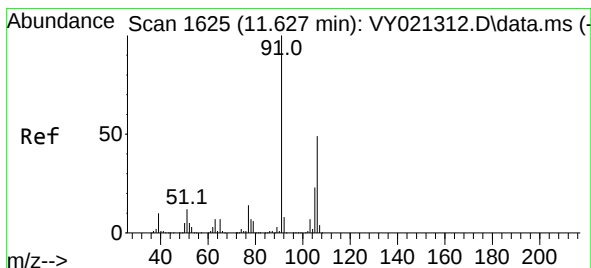
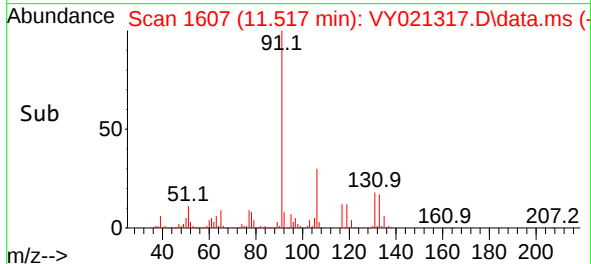
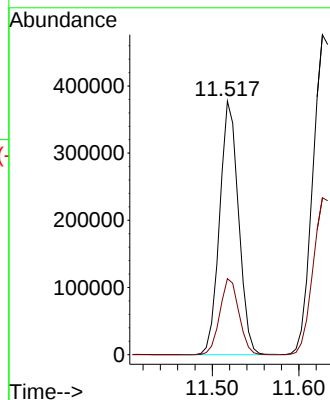
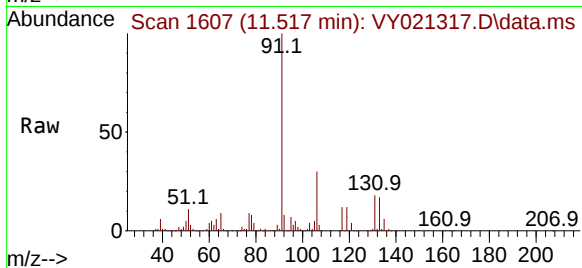
ICVVY022525

Tgt Ion: 91 Resp: 572425

Ion Ratio Lower Upper

91 100

106 30.0 24.4 36.6



#68

m/p-Xylenes

Concen: 111.274 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021317.D

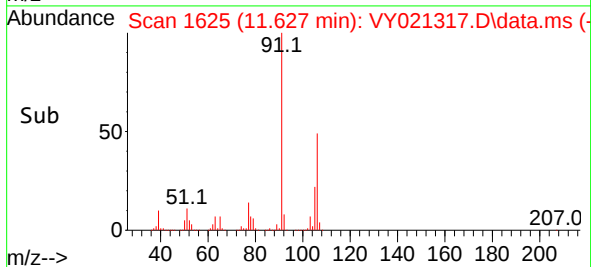
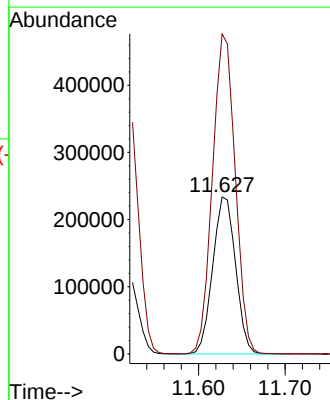
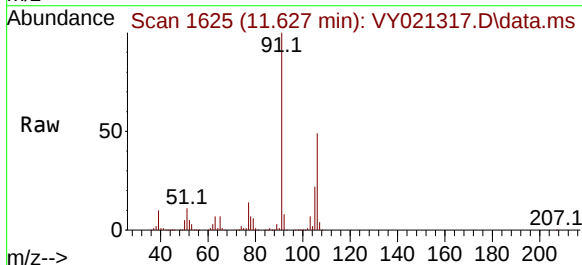
Acq: 25 Feb 2025 17:31

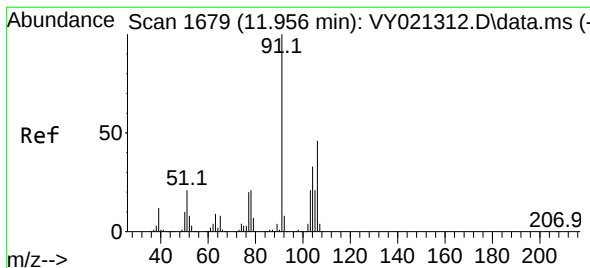
Tgt Ion:106 Resp: 427892

Ion Ratio Lower Upper

106 100

91 203.4 163.9 245.9





#69

o-Xylene

Concen: 56.108 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

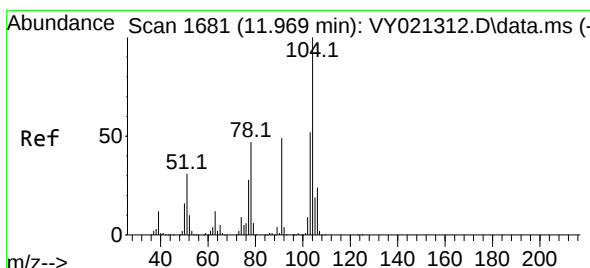
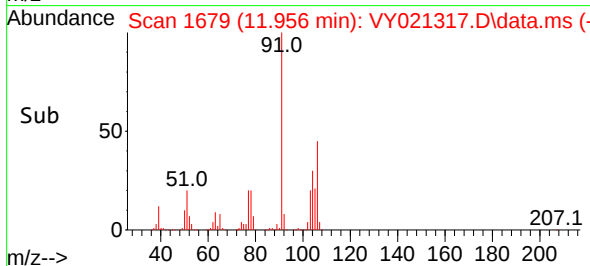
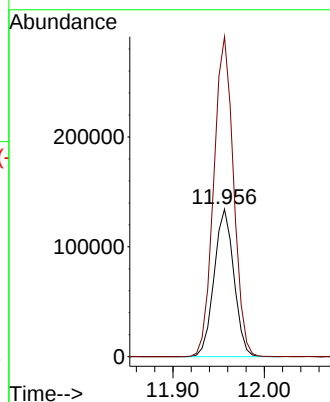
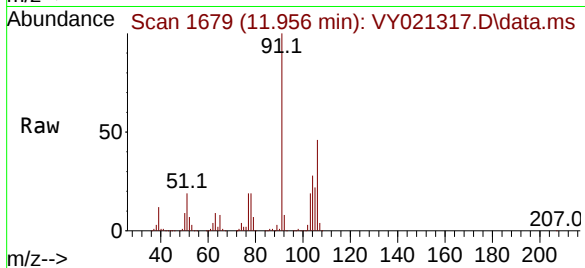
ICVVY022525

Tgt Ion:106 Resp: 202123

Ion Ratio Lower Upper

106 100

91 217.2 108.1 324.2



#70

Styrene

Concen: 56.307 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

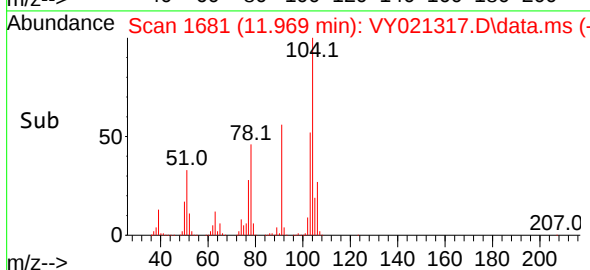
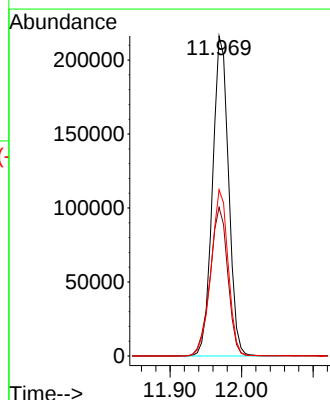
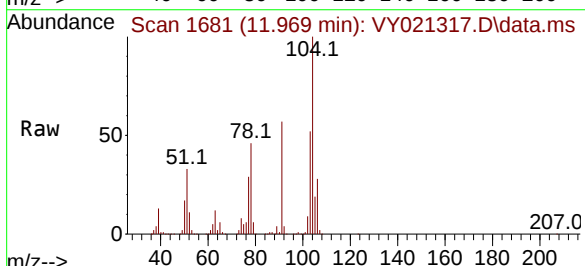
Tgt Ion:104 Resp: 337489

Ion Ratio Lower Upper

104 100

78 51.1 41.3 61.9

103 55.3 43.9 65.9





#71

Bromoform

Concen: 53.590 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

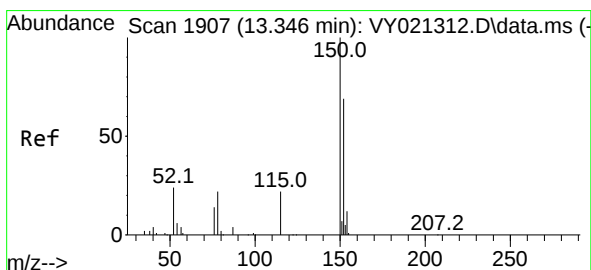
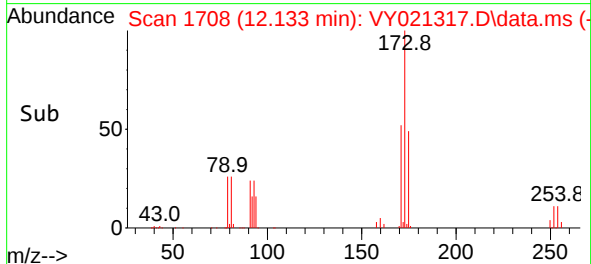
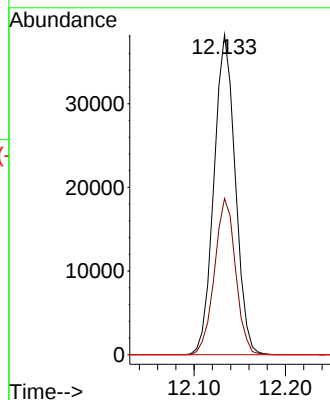
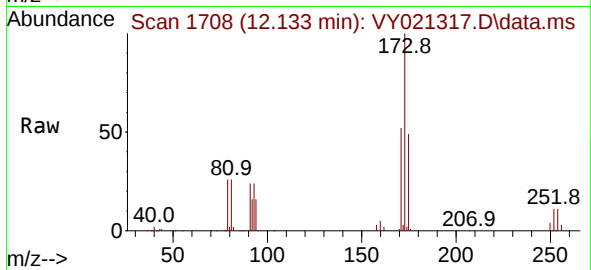
Tgt Ion:173 Resp: 61959

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

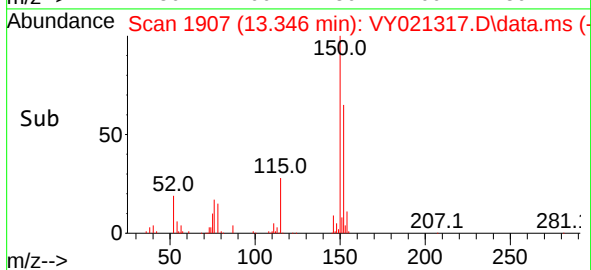
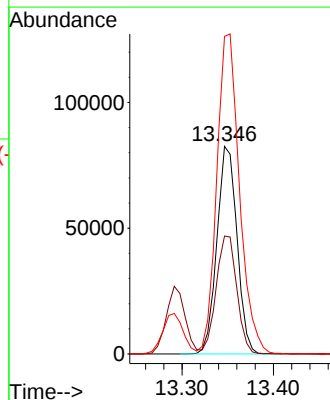
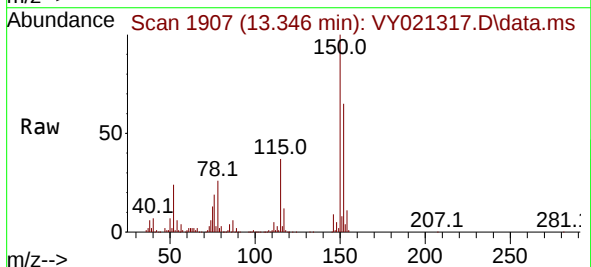
Tgt Ion:152 Resp: 126299

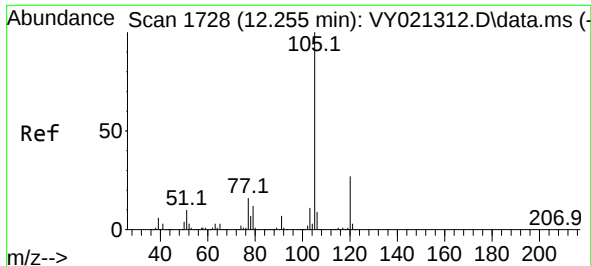
Ion Ratio Lower Upper

152 100

115 58.2 29.3 88.0

150 174.2 0.0 347.4

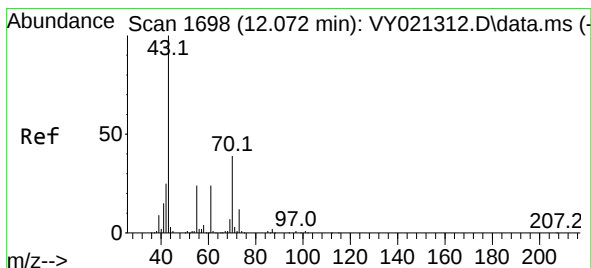
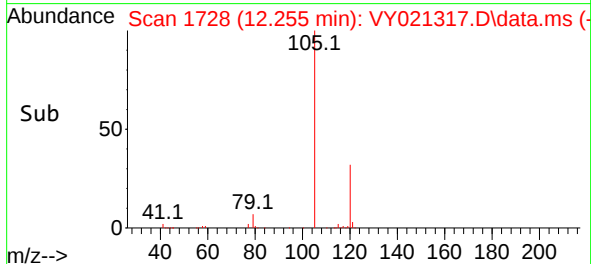
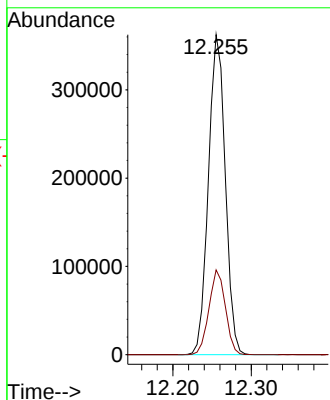
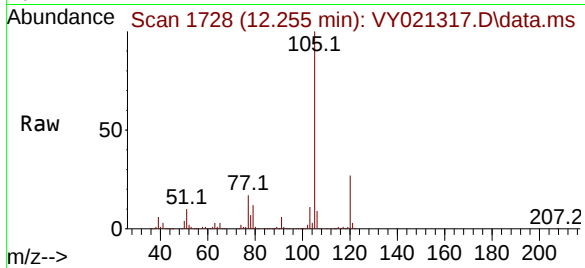




#73
Isopropylbenzene
Concen: 56.974 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

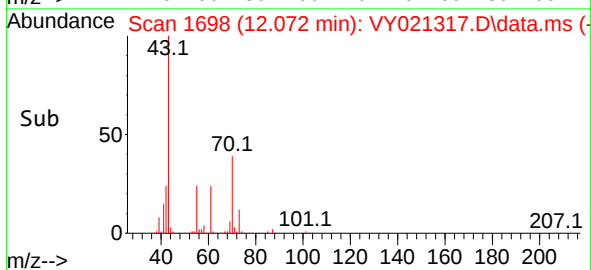
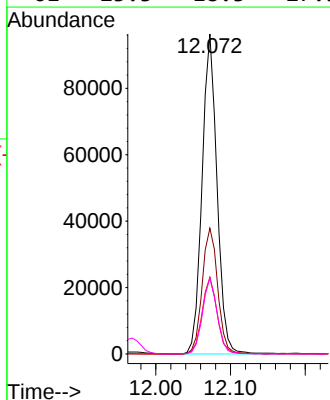
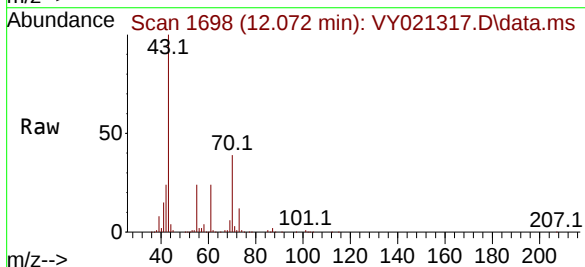
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

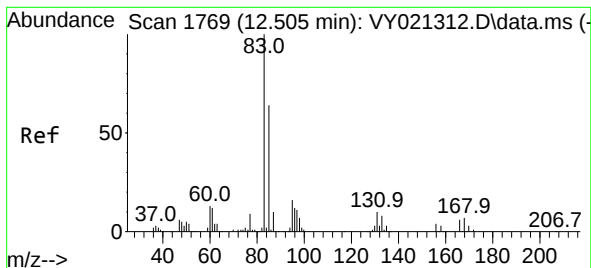
Tgt Ion:105 Resp: 540978
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.8



#74
N-ethyl acetate
Concen: 55.509 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 43 Resp: 133968
Ion Ratio Lower Upper
43 100
70 40.9 32.2 48.2
55 24.2 19.6 29.4
61 23.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.254 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022525

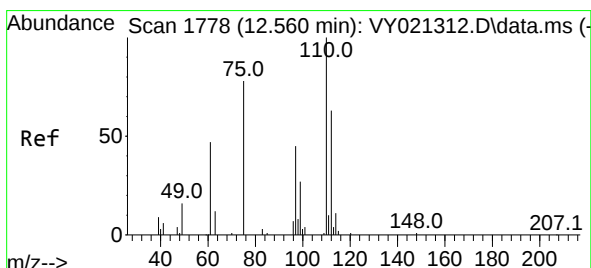
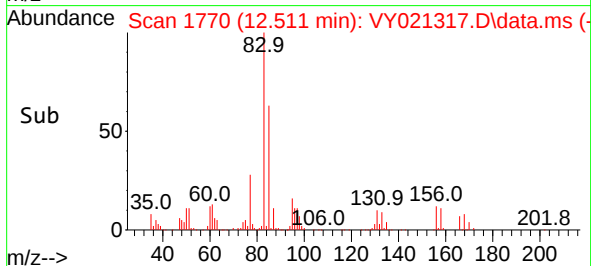
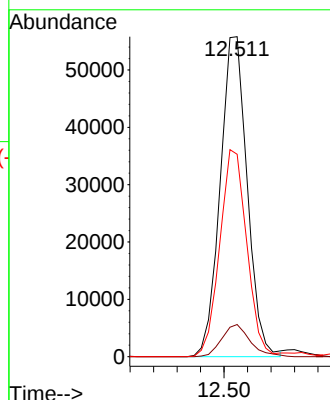
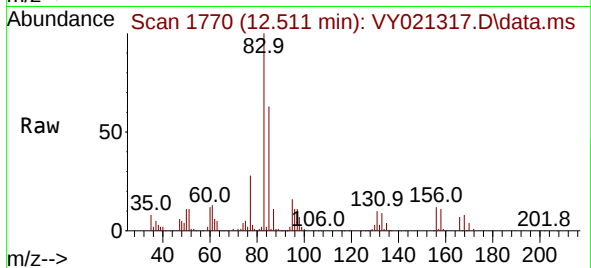
Tgt Ion: 83 Resp: 89240

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.768 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY021317.D

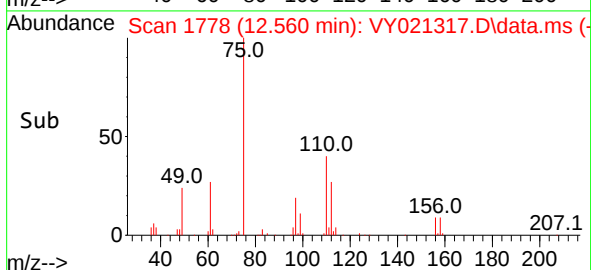
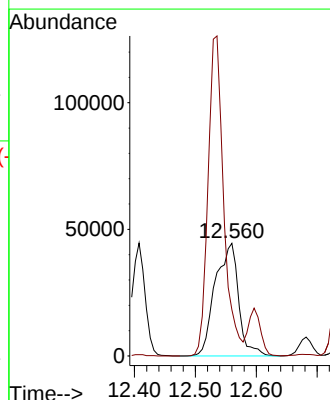
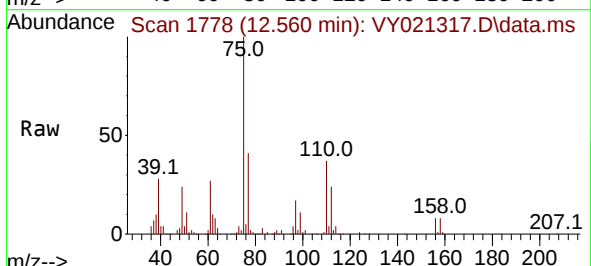
Acq: 25 Feb 2025 17:31

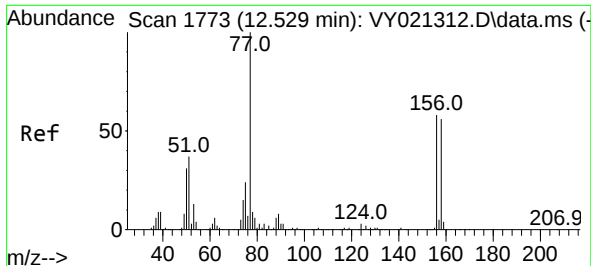
Tgt Ion: 75 Resp: 118541

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

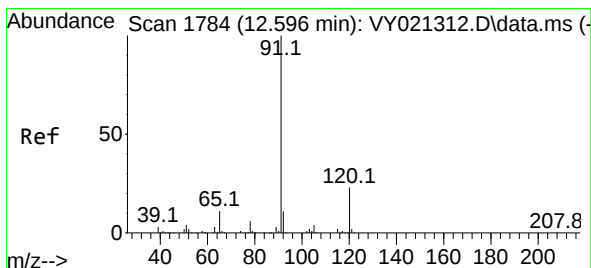
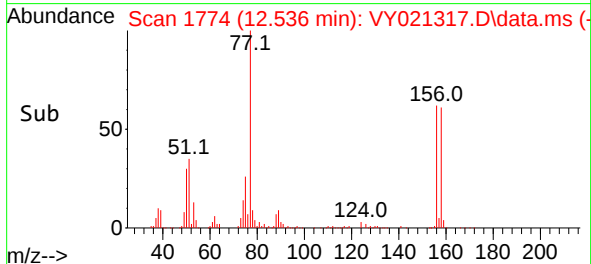
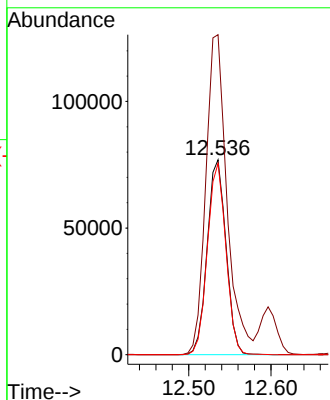
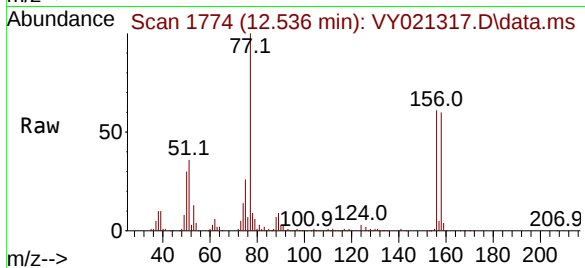




#77
Bromobenzene
Concen: 55.296 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

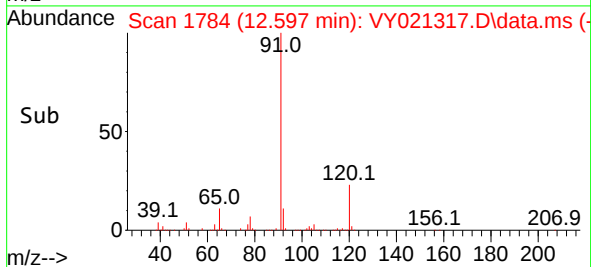
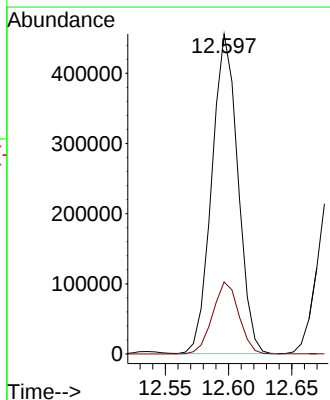
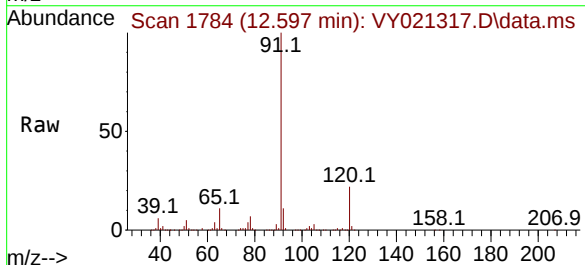
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

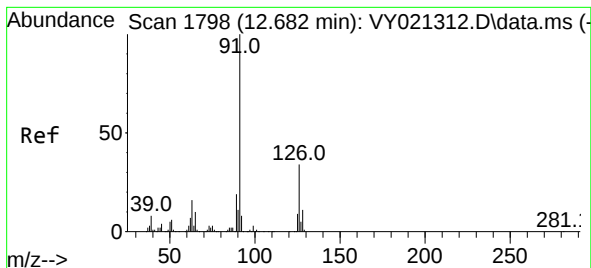
Tgt Ion:156 Resp: 122121
Ion Ratio Lower Upper
156 100
77 185.0 94.0 282.1
158 96.6 48.7 146.1



#78
n-propylbenzene
Concen: 56.783 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 654255
Ion Ratio Lower Upper
91 100
120 22.5 11.2 33.5

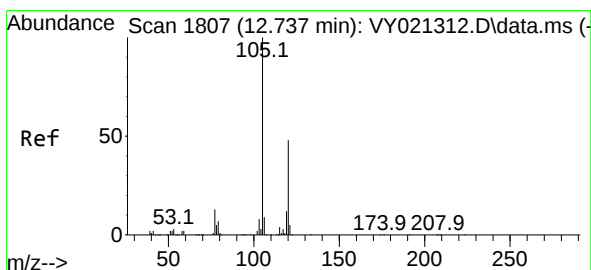
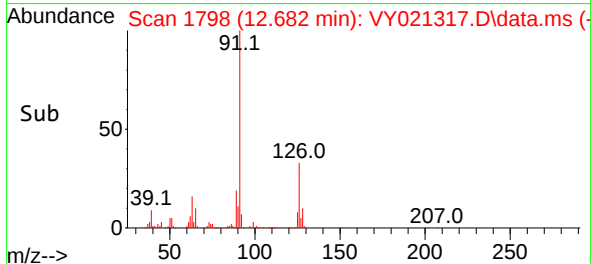
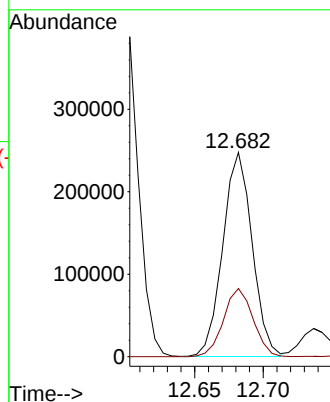
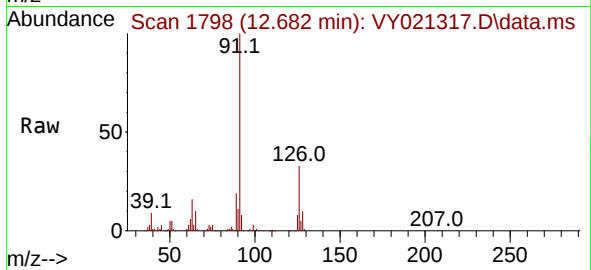




#79
2-Chlorotoluene
Concen: 55.813 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

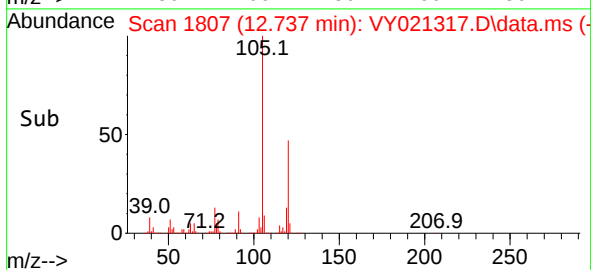
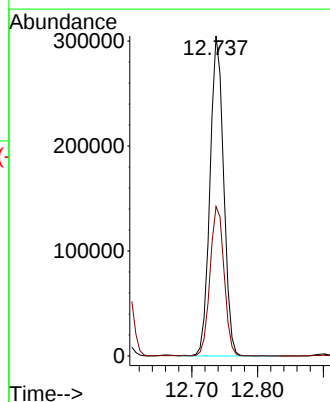
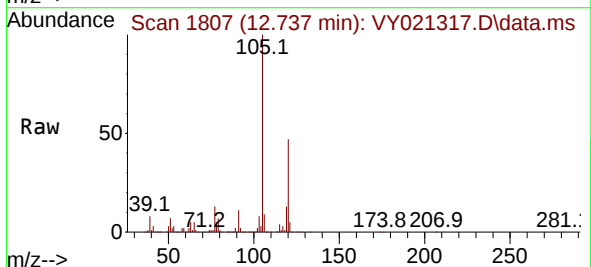
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

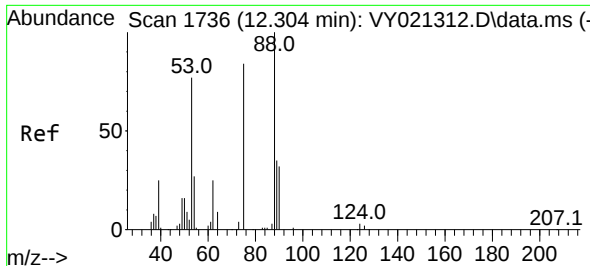
Tgt Ion: 91 Resp: 369065
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 56.549 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 105 Resp: 440379
Ion Ratio Lower Upper
105 100
120 47.9 24.3 73.0

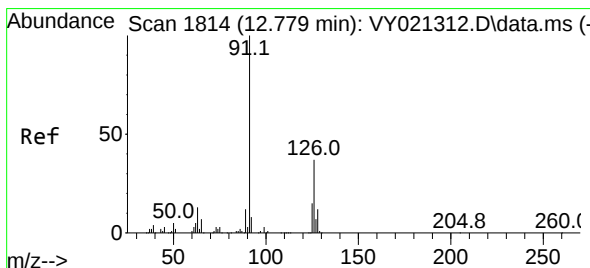
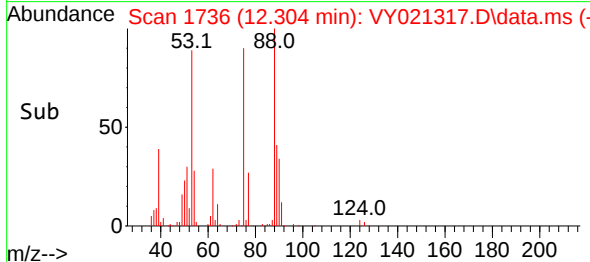
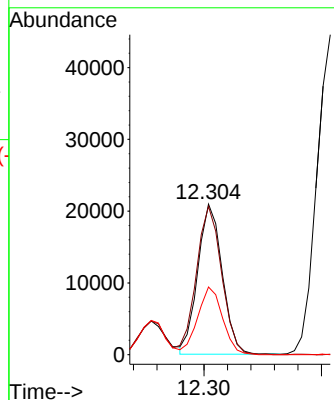
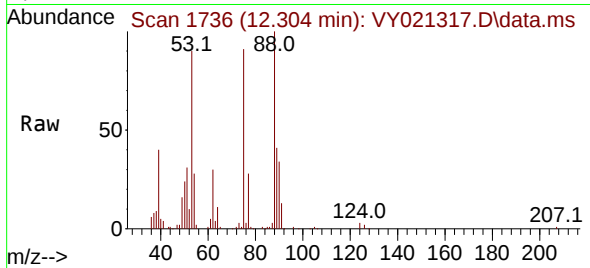




#81
trans-1,4-Dichloro-2-butene
Concen: 53.216 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

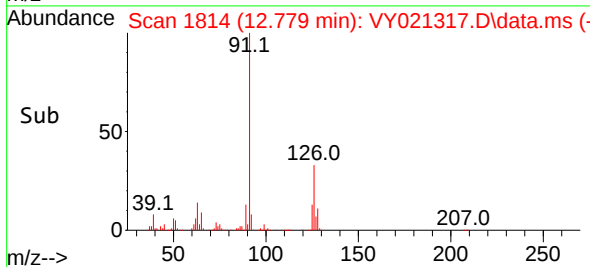
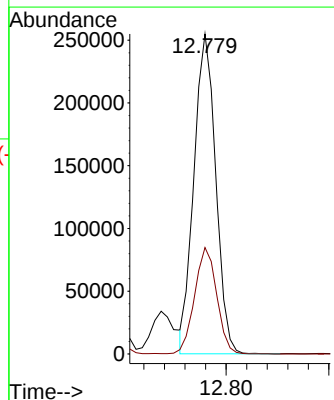
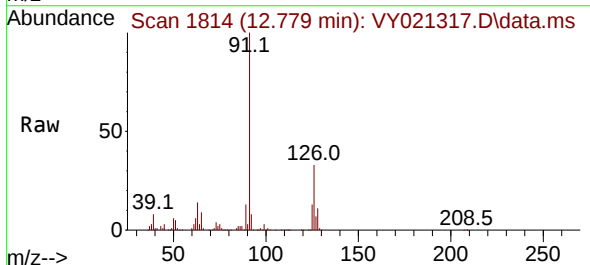
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY022525

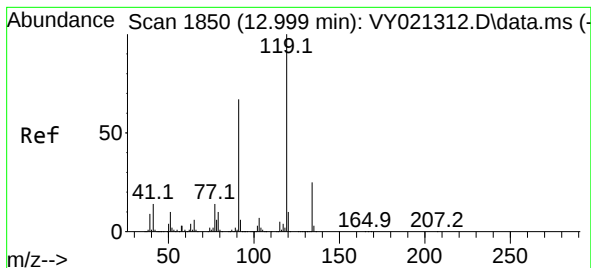
Tgt Ion: 75 Resp: 30268
Ion Ratio Lower Upper
75 100
53 103.4 79.1 118.7
89 45.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 54.757 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 91 Resp: 375340
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4





#83

tert-Butylbenzene

Concen: 55.900 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVY022525

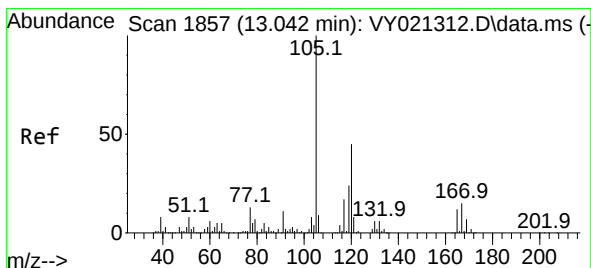
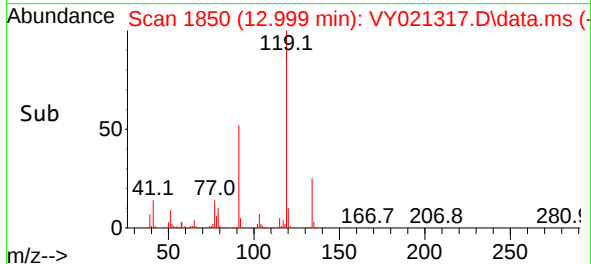
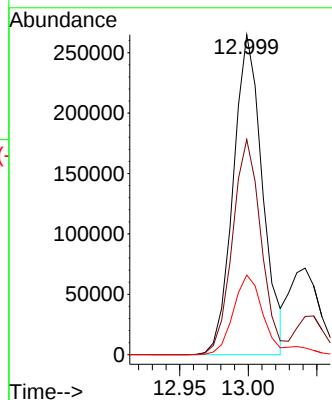
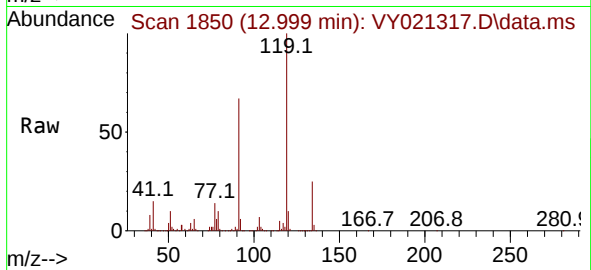
Tgt Ion:119 Resp: 393228

Ion Ratio Lower Upper

119 100

91 66.5 32.7 98.1

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 56.621 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021317.D

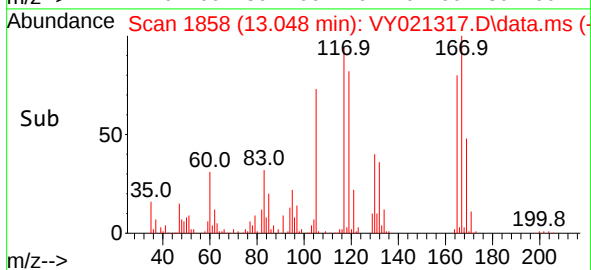
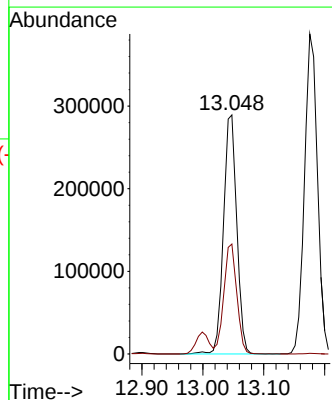
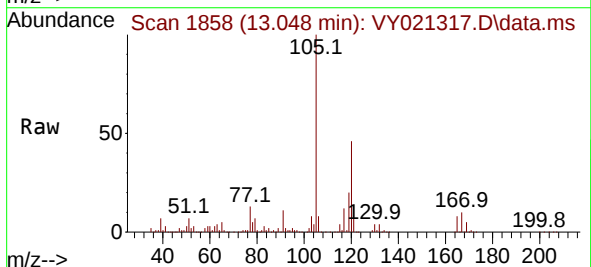
Acq: 25 Feb 2025 17:31

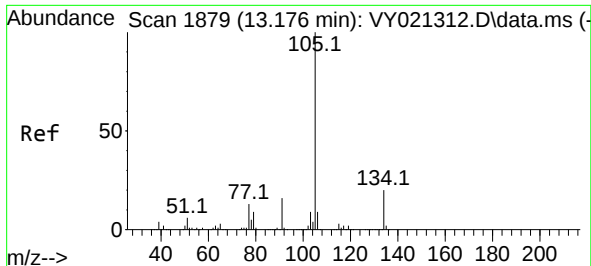
Tgt Ion:105 Resp: 438538

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.3

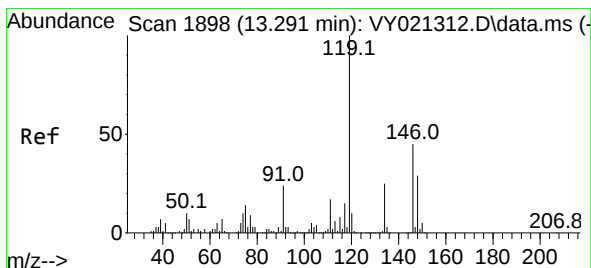
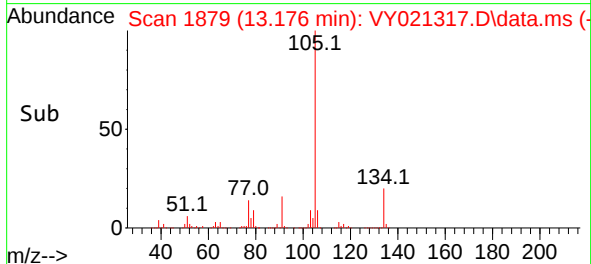
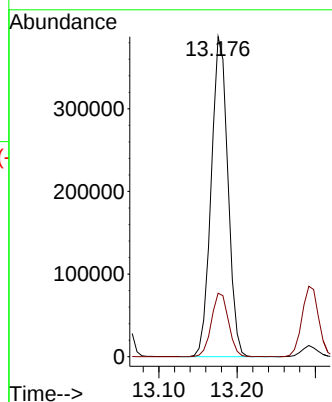
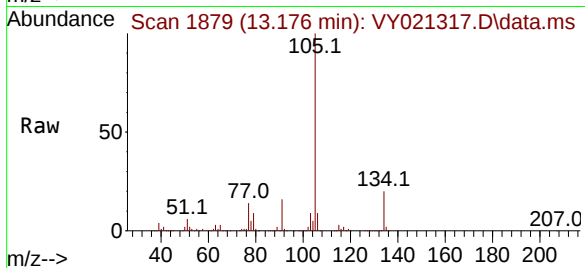




#85
 sec-Butylbenzene
 Concen: 55.655 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

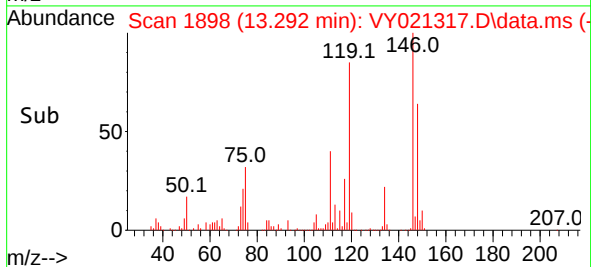
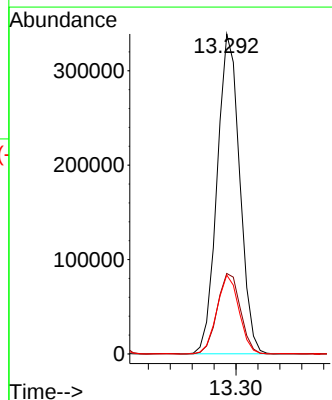
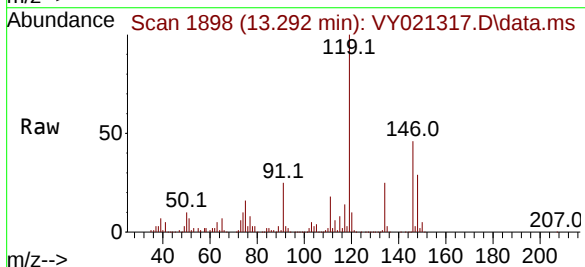
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022525

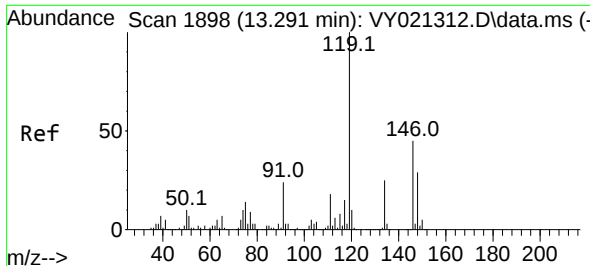
Tgt Ion:105 Resp: 571874
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 56.427 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

Tgt Ion:119 Resp: 484140
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.2 12.0 36.1

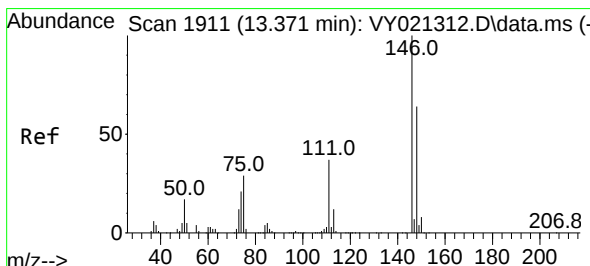
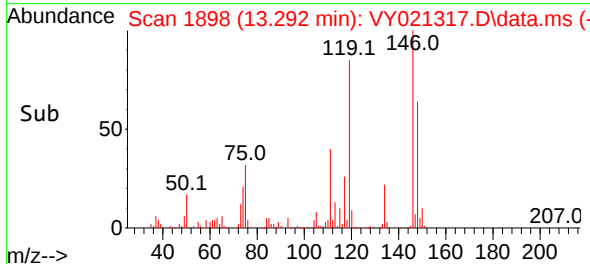
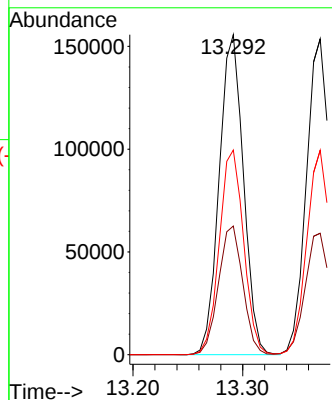
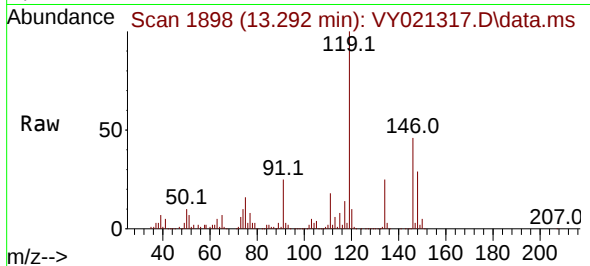




#87
 1,3-Dichlorobenzene
 Concen: 54.800 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

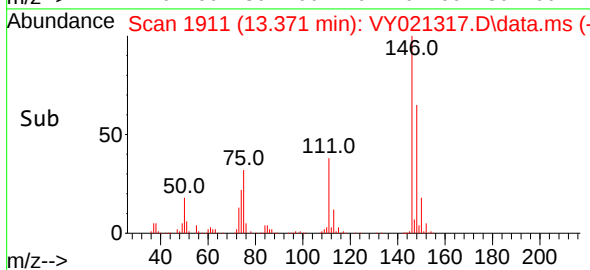
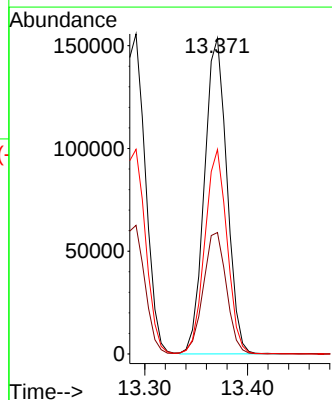
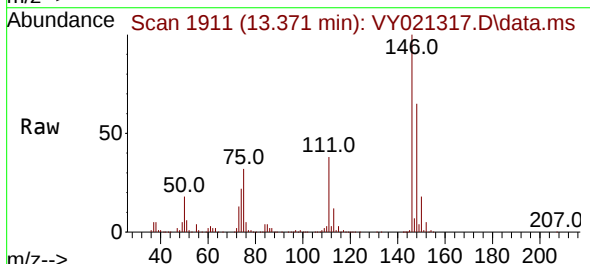
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY022525

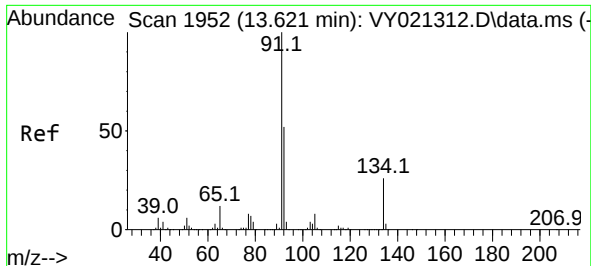
Tgt Ion:146 Resp: 239404
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 64.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 54.098 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY021317.D
 Acq: 25 Feb 2025 17:31

Tgt Ion:146 Resp: 233477
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.2 32.0 96.2

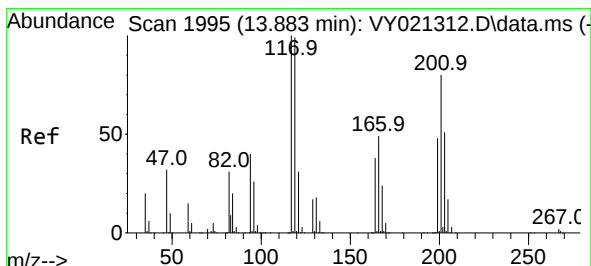
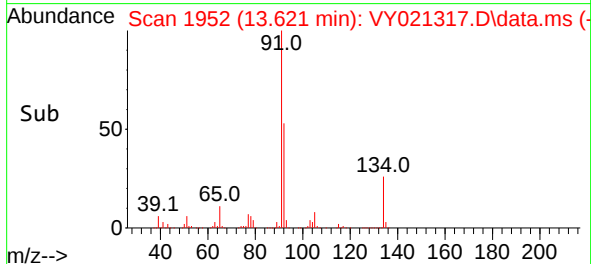
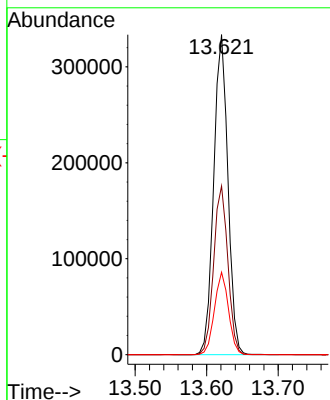
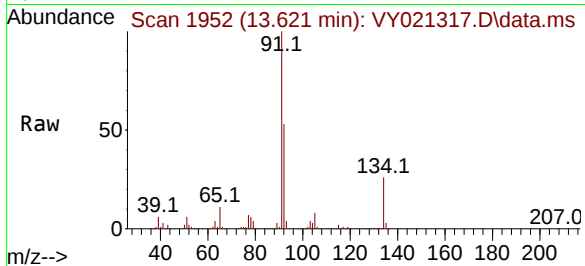




#89
n-Butylbenzene
Concen: 56.856 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

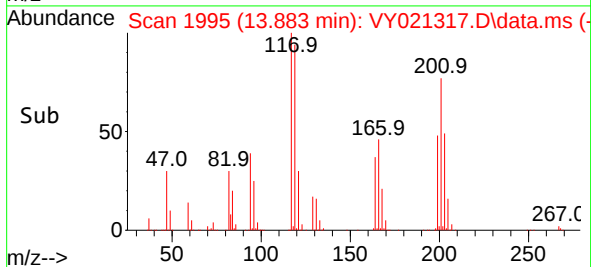
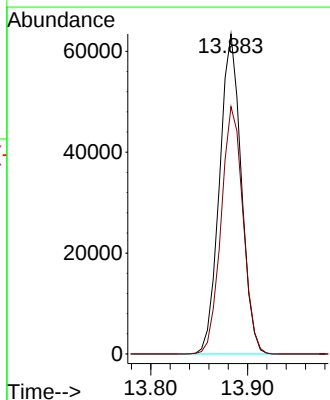
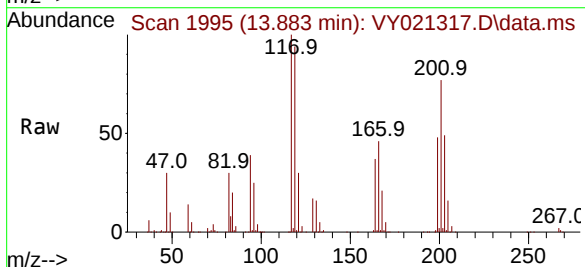
Instrument :
MSVOA_Y
ClientSampleId :
ICVY022525

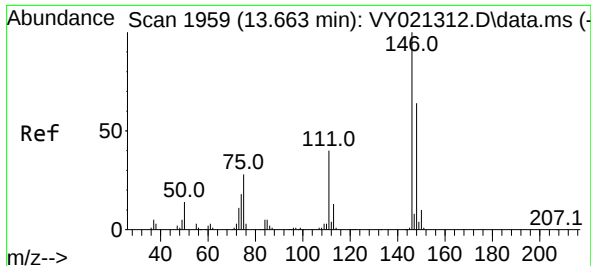
Tgt Ion: 91 Resp: 459065
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.6 12.7 38.0



#90
Hexachloroethane
Concen: 55.035 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021317.D
Acq: 25 Feb 2025 17:31

Tgt Ion: 117 Resp: 98634
Ion Ratio Lower Upper
117 100
201 78.0 38.4 115.2





#91

1,2-Dichlorobenzene

Concen: 54.545 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

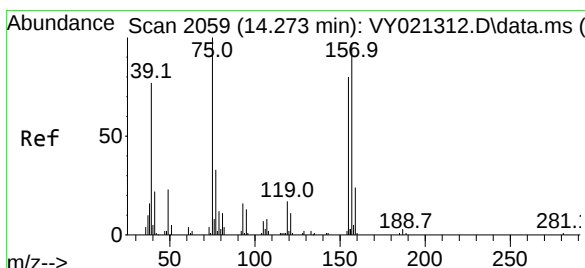
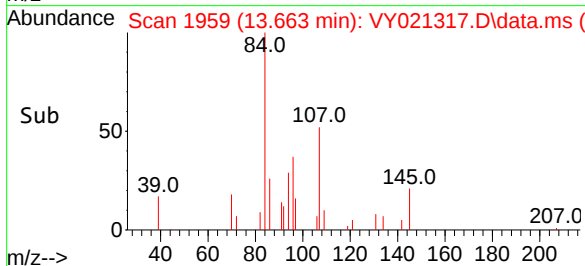
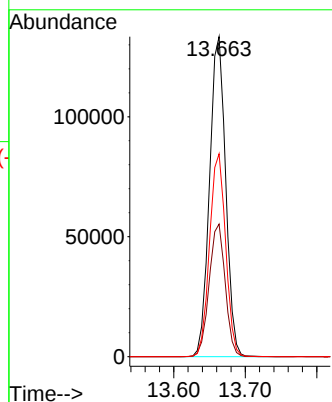
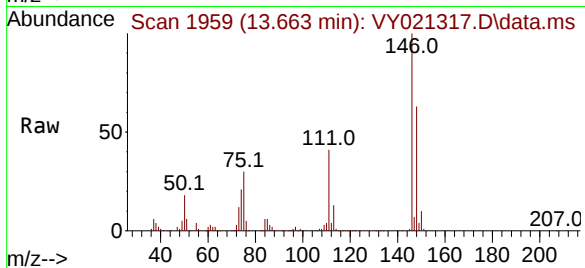
Tgt Ion:146 Resp: 208776

Ion Ratio Lower Upper

146 100

111 41.3 20.7 62.1

148 63.4 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.137 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

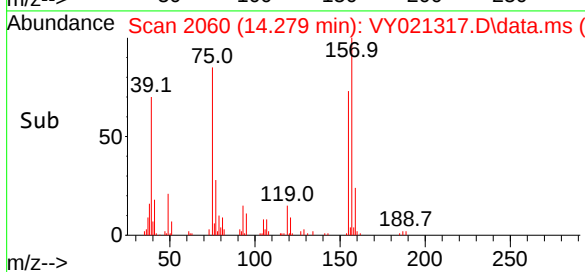
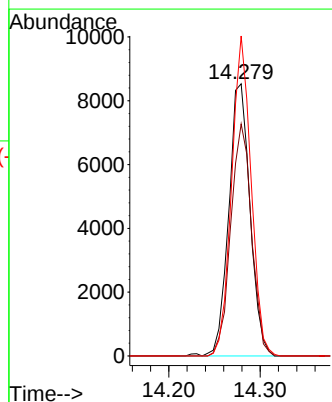
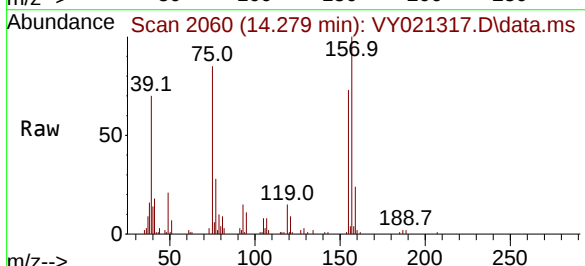
Tgt Ion: 75 Resp: 13821

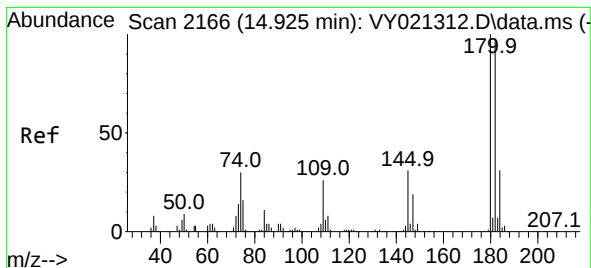
Ion Ratio Lower Upper

75 100

155 83.0 41.9 125.6

157 107.2 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 56.703 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

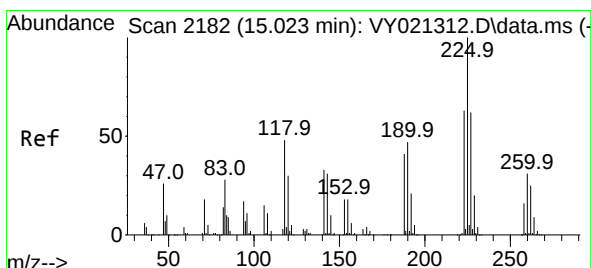
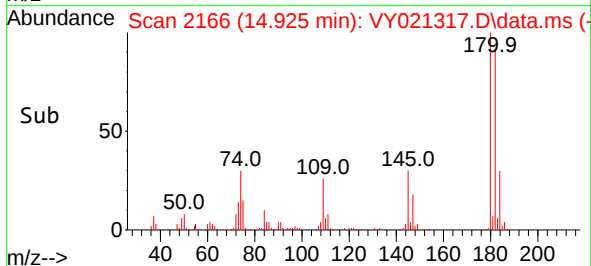
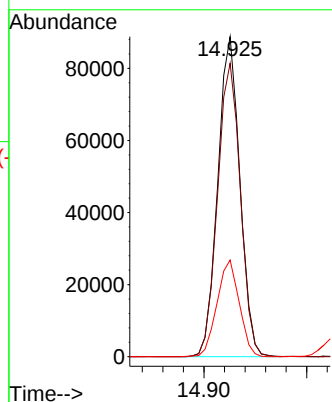
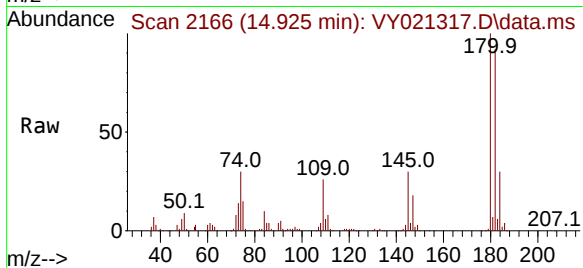
Tgt Ion:180 Resp: 132464

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.3 15.6 46.8



#94

Hexachlorobutadiene

Concen: 53.541 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

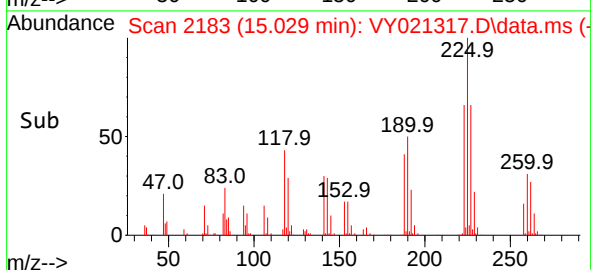
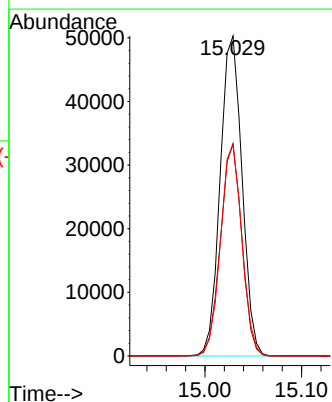
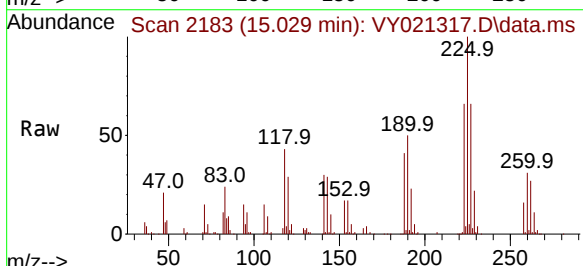
Tgt Ion:225 Resp: 78745

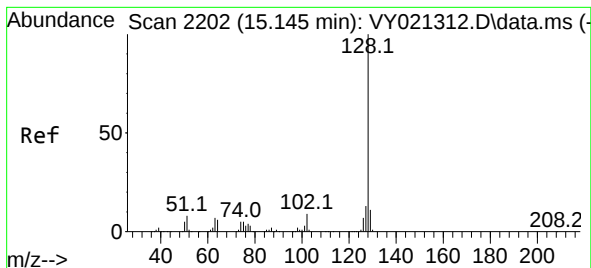
Ion Ratio Lower Upper

225 100

223 64.6 31.8 95.4

227 64.6 31.9 95.7





#95

Naphthalene

Concen: 57.589 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY022525

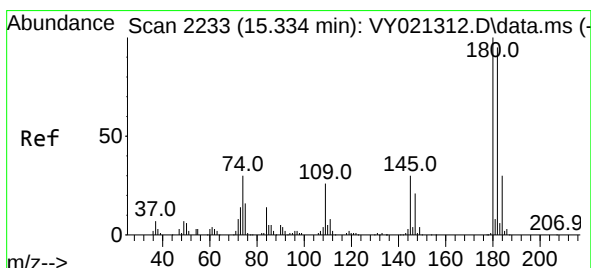
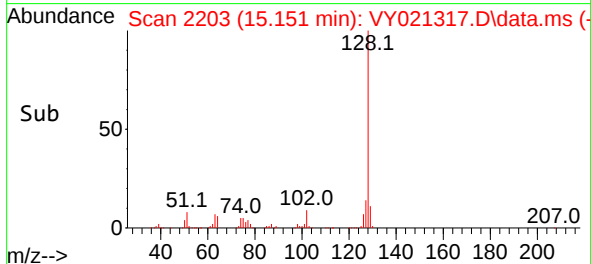
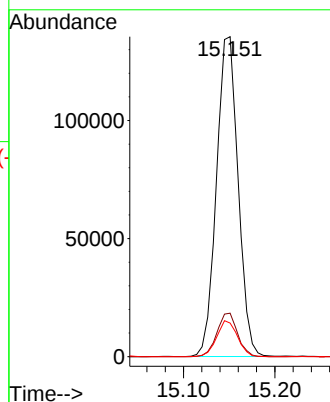
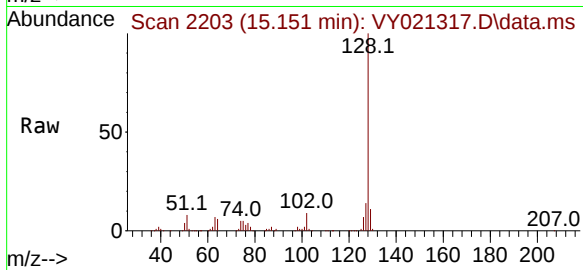
Tgt Ion:128 Resp: 222839

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 56.980 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY021317.D

Acq: 25 Feb 2025 17:31

Tgt Ion:180 Resp: 112466

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.9

145 31.7 16.1 48.3

