

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017307.D
 Acq On : 08 Feb 2024 13:00
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:12:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	90117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	136529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	60112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44770	55.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.220%
35) Dibromofluoromethane	7.722	113	44607	52.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.191	98	166428	53.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.980%
62) 4-Bromofluorobenzene	12.489	95	53229	52.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	14822	21.696	ug/l	95
3) Chloromethane	2.113	50	31055	25.305	ug/l	98
4) Vinyl Chloride	2.253	62	40068	26.792	ug/l	99
5) Bromomethane	2.644	94	28523	27.514	ug/l	97
6) Chloroethane	2.796	64	26888	27.845	ug/l	98
7) Trichlorofluoromethane	3.125	101	36209	23.545	ug/l	98
8) Diethyl Ether	3.528	74	11134	23.017	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	21206	22.747	ug/l	98
10) Methyl Iodide	4.095	142	19276	19.668	ug/l	99
11) Tert butyl alcohol	4.954	59	8261	112.871	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	18773	21.491	ug/l	92
13) Acrolein	3.729	56	7958	112.876	ug/l	98
14) Allyl chloride	4.485	41	29778	22.549	ug/l	94
15) Acrylonitrile	5.168	53	24717	113.486	ug/l	97
16) Acetone	3.948	43	28060	118.589	ug/l	92
17) Carbon Disulfide	4.198	76	51410	18.437	ug/l	99
18) Methyl Acetate	4.485	43	10336	19.581	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	48212	22.917	ug/l	97
20) Methylene Chloride	4.723	84	30855	30.471	ug/l	97
21) trans-1,2-Dichloroethene	5.229	96	21301	21.436	ug/l	95
22) Diisopropyl ether	6.125	45	70739	24.393	ug/l	97
23) Vinyl Acetate	6.070	43	208542	118.681	ug/l	98
24) 1,1-Dichloroethane	6.021	63	42564	23.959	ug/l	95
25) 2-Butanone	6.990	43	37563	119.418	ug/l	98
26) 2,2-Dichloropropane	6.990	77	35040	23.713	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	25091	22.576	ug/l	94
28) Bromochloromethane	7.338	49	15321	22.523	ug/l	95
29) Tetrahydrofuran	7.356	42	20226	113.828	ug/l	98
30) Chloroform	7.515	83	43249	24.200	ug/l	96
31) Cyclohexane	7.795	56	34216	21.086	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	35731	23.244	ug/l	98
36) 1,1-Dichloropropene	7.923	75	31093	21.092	ug/l	99
37) Ethyl Acetate	7.082	43	15428	22.564	ug/l	96
38) Carbon Tetrachloride	7.905	117	30509	21.615	ug/l	100
39) Methylcyclohexane	9.191	83	34904	20.267	ug/l	98
40) Benzene	8.167	78	94119	22.357	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	8047	24.840	ug/l	99
42) 1,2-Dichloroethane	8.246	62	25047	22.471	ug/l	100
43) Isopropyl Acetate	8.277	43	26734	22.088	ug/l	99
44) Trichloroethene	8.947	130	23350	21.851	ug/l	97
45) 1,2-Dichloropropane	9.222	63	23865	23.079	ug/l	97
46) Dibromomethane	9.313	93	12752	22.830	ug/l	93
47) Bromodichloromethane	9.502	83	32712	23.401	ug/l	97
48) Methyl methacrylate	9.301	41	11741	20.681	ug/l	95
49) 1,4-Dioxane	9.301	88	2581	424.529	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	72620	111.929	ug/l	98
52) Toluene	10.252	92	57784	22.740	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	29100	22.162	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	35244	22.410	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	16924	22.270	ug/l	95
56) Ethyl methacrylate	10.520	69	20299	21.664	ug/l	95
57) 1,3-Dichloropropane	10.801	76	29805	22.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	45650	96.421	ug/l	97
59) 2-Hexanone	10.837	43	54186	115.497	ug/l	98
60) Dibromochloromethane	10.990	129	19690	22.085	ug/l	99
61) 1,2-Dibromoethane	11.093	107	15431	21.832	ug/l	100
64) Tetrachloroethene	10.728	164	19042	21.475	ug/l	91
65) Chlorobenzene	11.526	112	58011	22.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	21317	22.272	ug/l	99
67) Ethyl Benzene	11.599	91	106369	22.347	ug/l	98
68) m/p-Xylenes	11.709	106	81533	45.136	ug/l	100
69) o-Xylene	12.038	106	37407	22.487	ug/l	99
70) Styrene	12.050	104	63590	23.201	ug/l	98
71) Bromoform	12.215	173	10549	21.045	ug/l #	99
73) Isopropylbenzene	12.337	105	100023	22.650	ug/l	99
74) N-amyl acetate	12.148	43	23270	23.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	19402	22.338	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	23878	43.037	ug/l #	100
77) Bromobenzene	12.617	156	21744	22.198	ug/l	97
78) n-propylbenzene	12.678	91	126911	23.399	ug/l	99
79) 2-Chlorotoluene	12.764	91	69363	23.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	80913	23.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6001	22.474	ug/l	98
82) 4-Chlorotoluene	12.861	91	72041	23.475	ug/l	99
83) tert-Butylbenzene	13.081	119	68772	22.844	ug/l	96
84) 1,2,4-Trimethylbenzene	13.130	105	81158	23.411	ug/l	99
85) sec-Butylbenzene	13.258	105	108578	23.076	ug/l	99
86) p-Isopropyltoluene	13.380	119	86237	22.935	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	44215	22.627	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	42836	22.564	ug/l	98
89) n-Butylbenzene	13.703	91	83264	23.291	ug/l	99
90) Hexachloroethane	13.971	117	17669	22.890	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	38218	22.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2321	20.515	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	18235	22.068	ug/l	100
94) Hexachlorobutadiene	15.117	225	10883	22.363	ug/l	98
95) Naphthalene	15.245	128	31638	21.652	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	15392	21.902	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

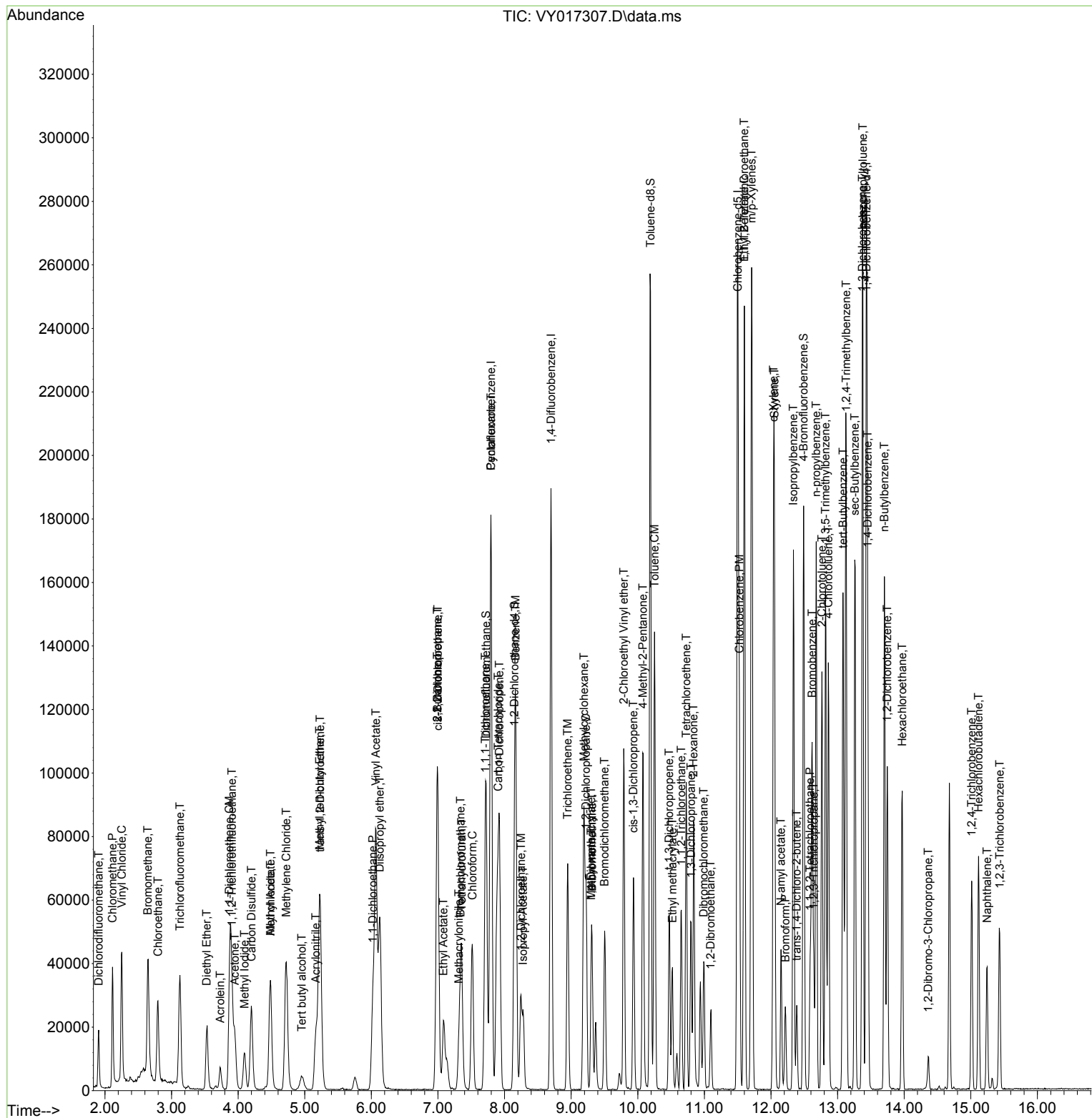
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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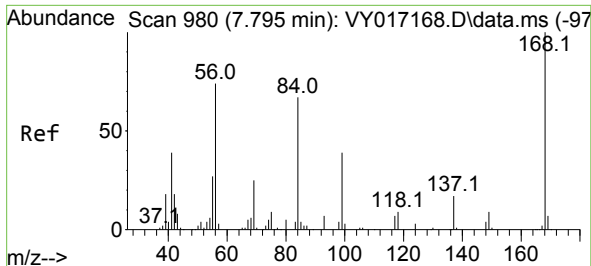
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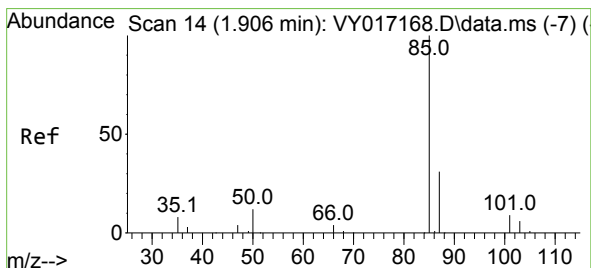
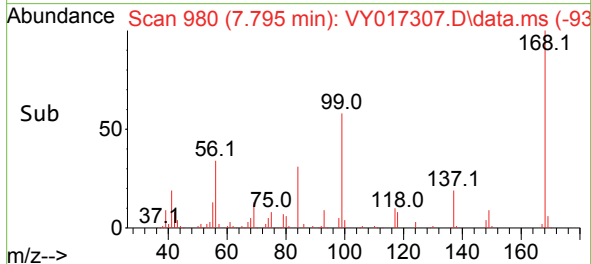
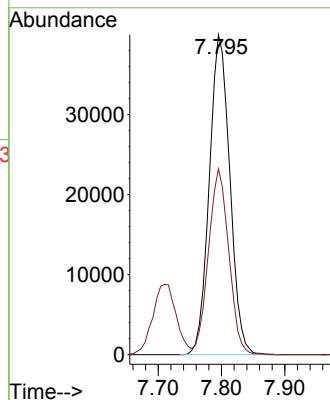
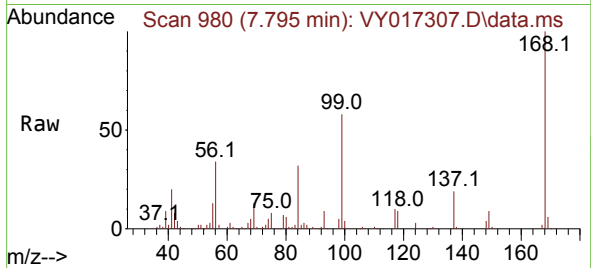




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017307.D
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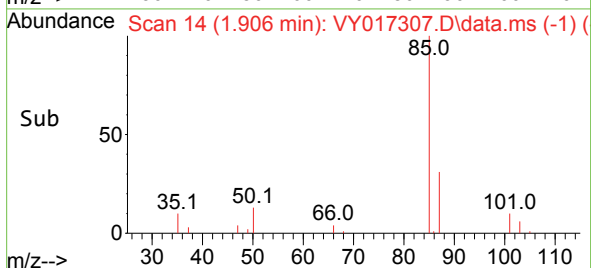
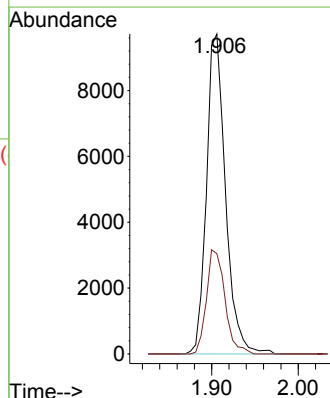
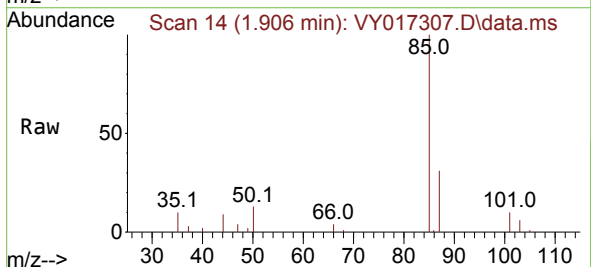
Instrument :
MSVOA_Y
ClientSampleId :

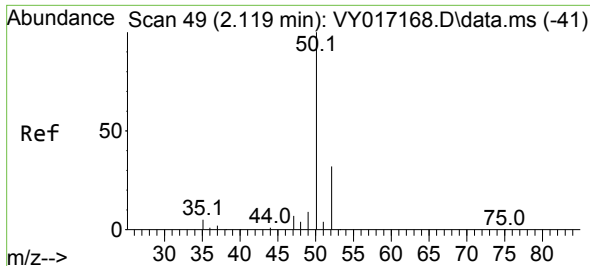
Tgt Ion:168 Resp: 90117
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.696 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 85 Resp: 14822
Ion Ratio Lower Upper
85 100
87 31.3 17.1 51.3

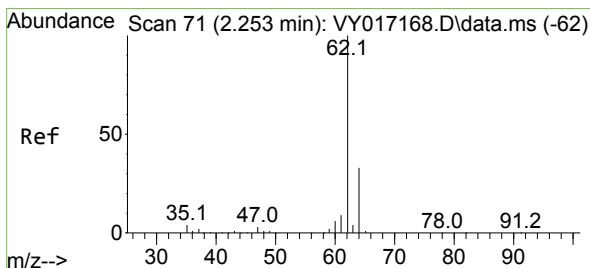
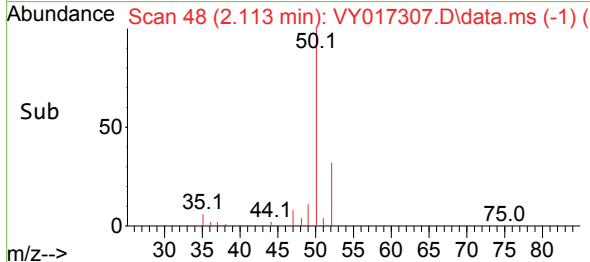
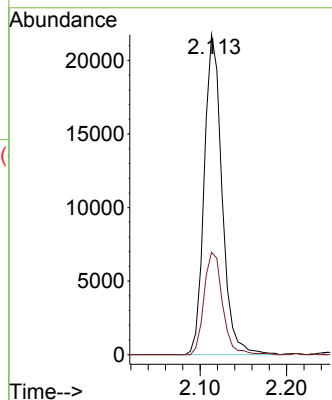
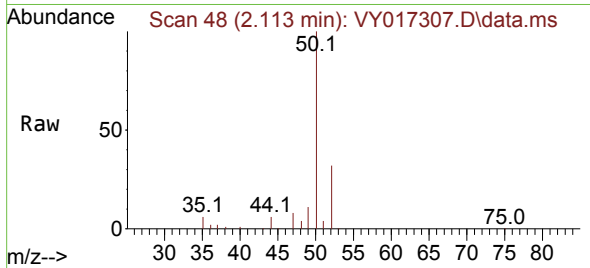




#3
Chloromethane
Concen: 25.305 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

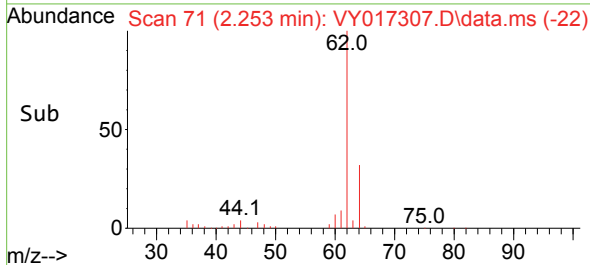
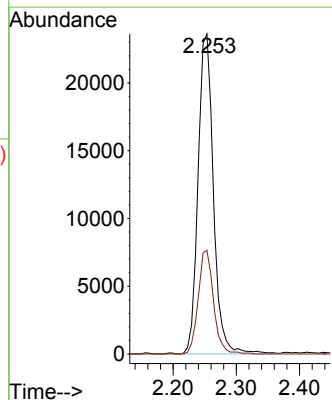
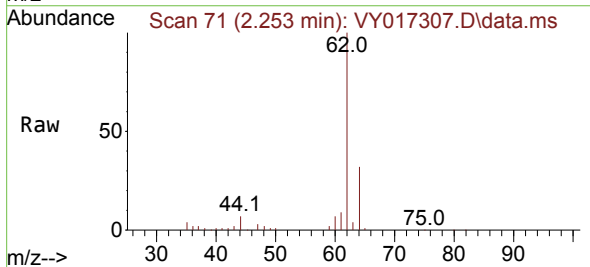
Instrument :
MSVOA_Y
ClientSampleId :

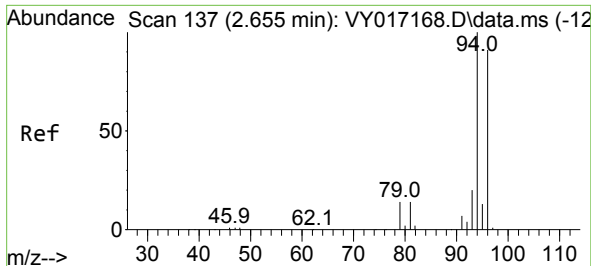
Tgt Ion: 50 Resp: 31055
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 26.792 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 62 Resp: 40068
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

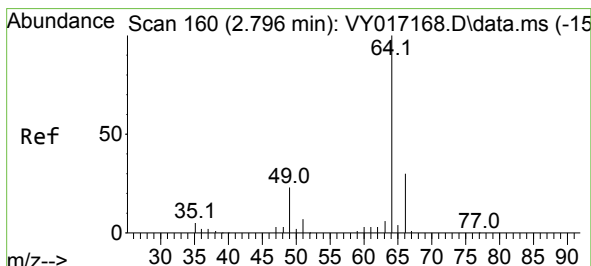
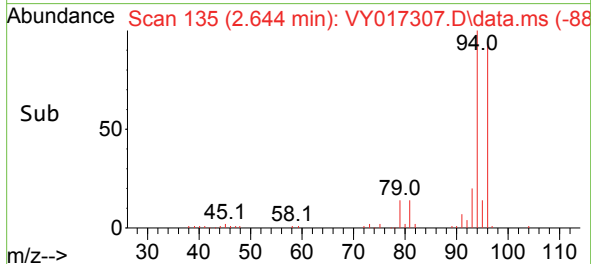
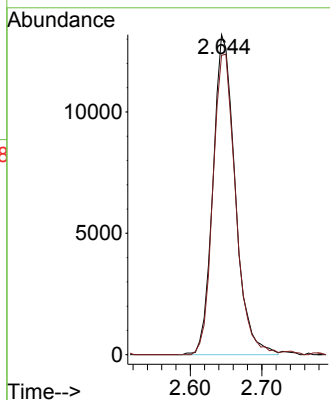
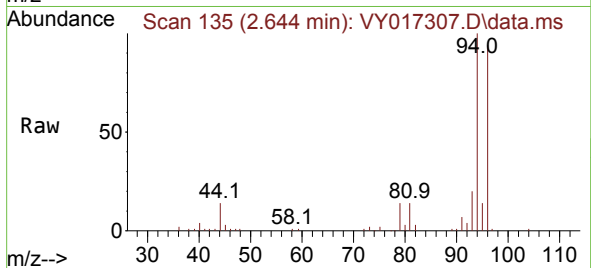




#5
Bromomethane
Concen: 27.514 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

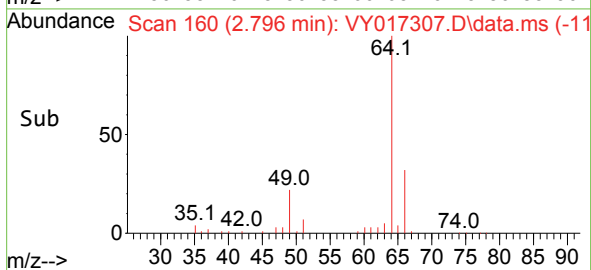
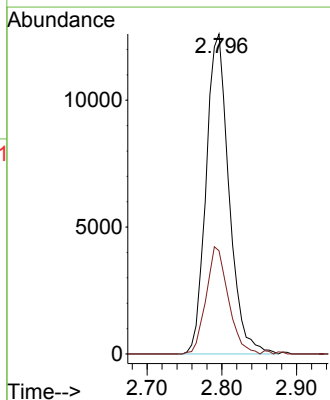
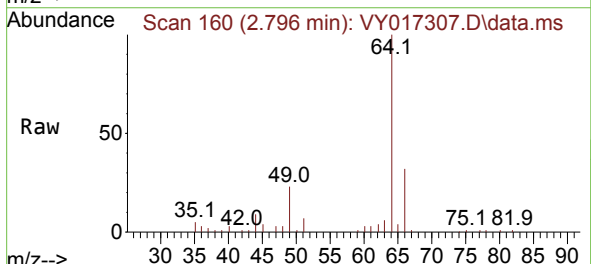
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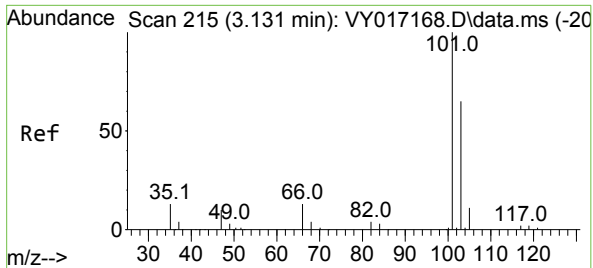
Tgt Ion: 94 Resp: 28523
Ion Ratio Lower Upper
94 100
96 93.5 77.3 115.9



#6
Chloroethane
Concen: 27.845 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 64 Resp: 26888
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

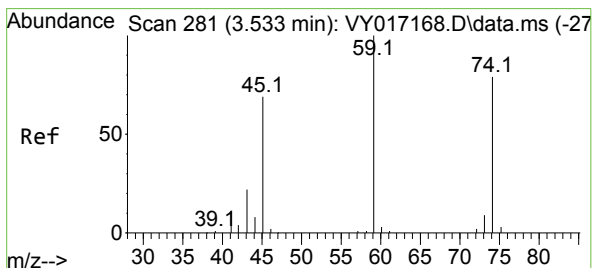
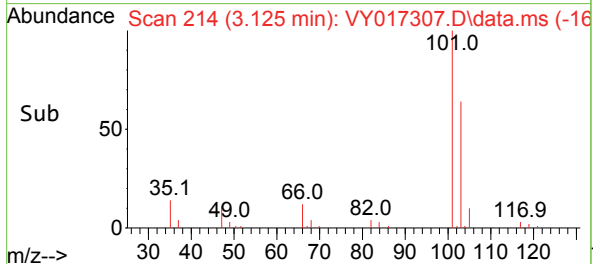
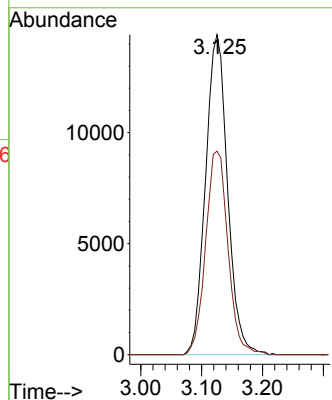
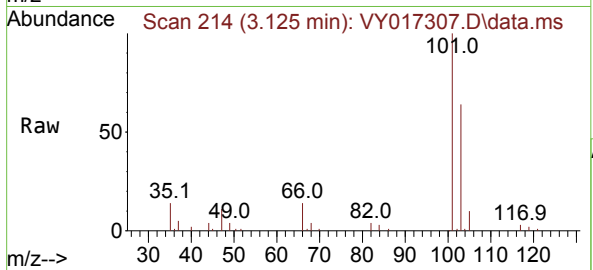




#7
 Trichlorofluoromethane
 Concen: 23.545 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

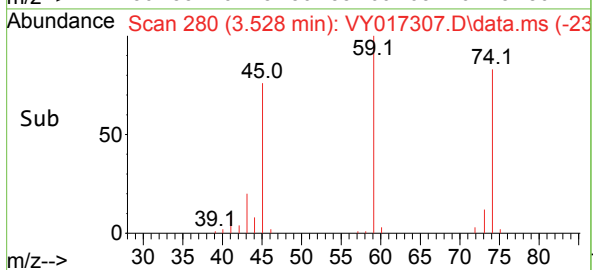
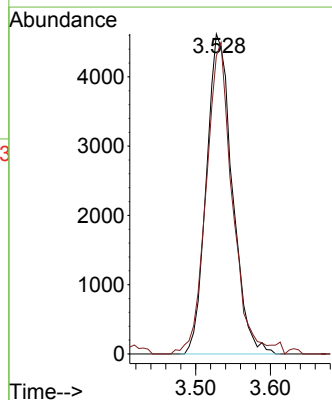
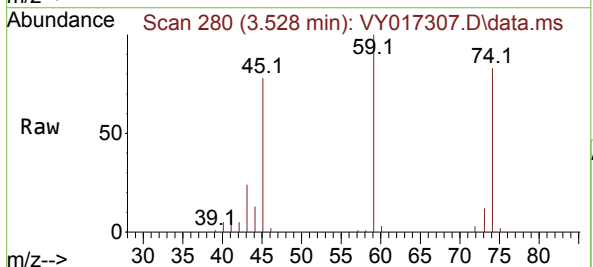
Instrument :
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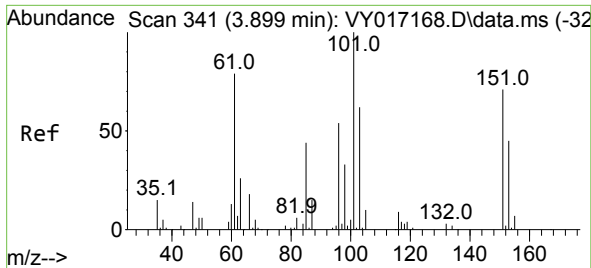
Tgt Ion:101 Resp: 36209
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 23.017 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

Tgt Ion: 74 Resp: 11134
 Ion Ratio Lower Upper
 74 100
 45 98.9 47.9 143.7

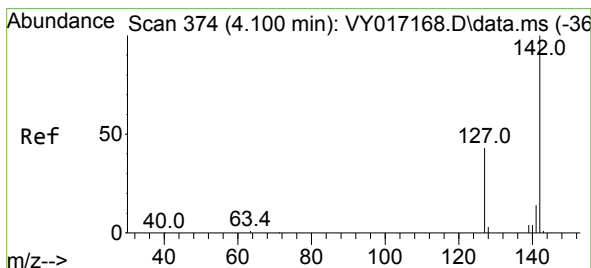
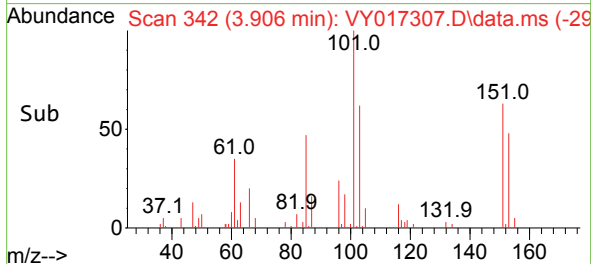
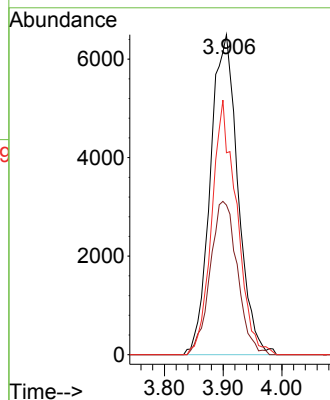
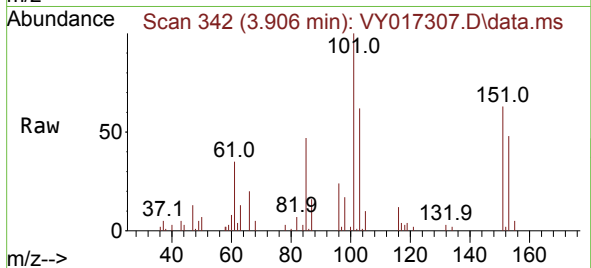




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.747 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

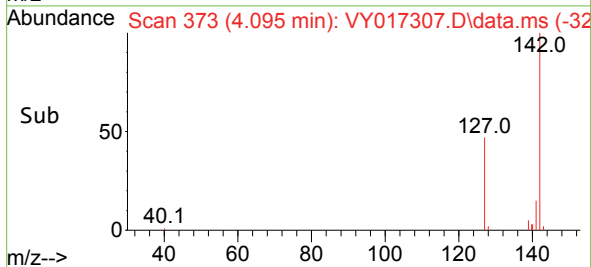
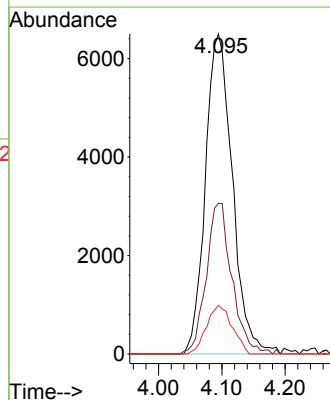
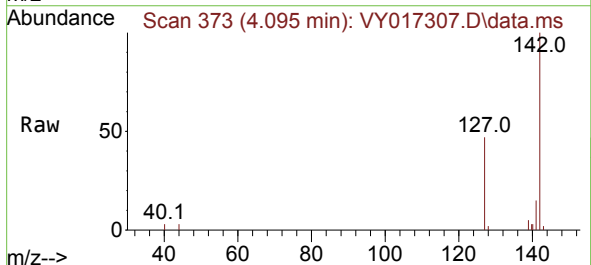
Instrument :
MSVOA_Y
ClientSampleId :

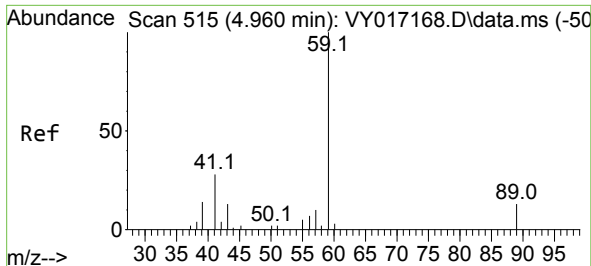
Tgt Ion:	101	Resp:	21206
Ion	Ratio	Lower	Upper
101	100		
85	47.3	35.8	53.6
151	72.0	58.6	88.0



#10
Methyl Iodide
Concen: 19.668 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion:	142	Resp:	19276
Ion	Ratio	Lower	Upper
142	100		
127	44.9	35.1	52.7
141	14.4	11.8	17.6

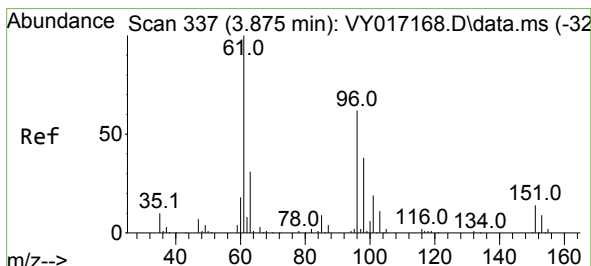
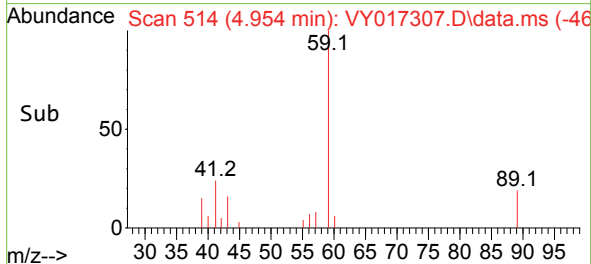
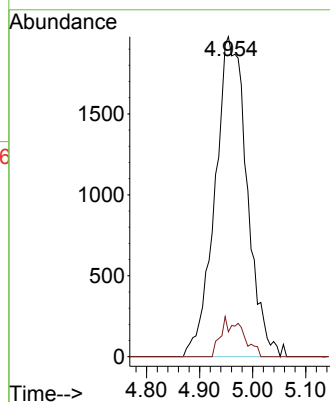
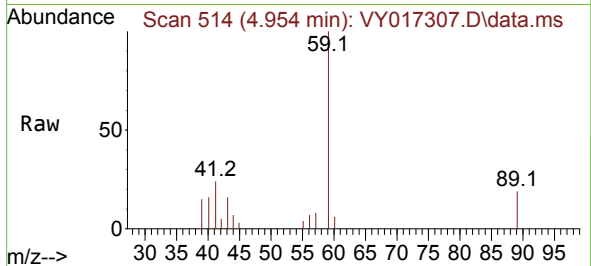




#11
Tert butyl alcohol
Concen: 112.871 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

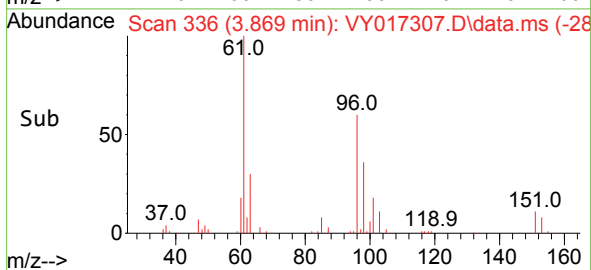
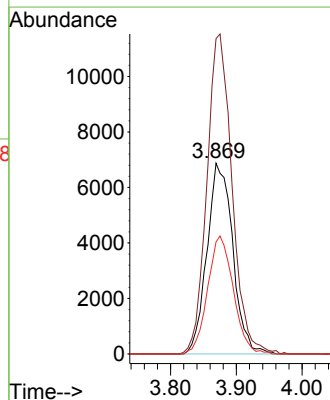
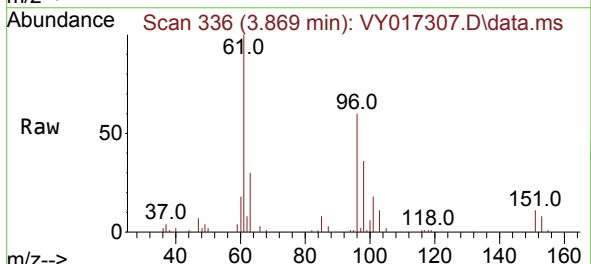
Instrument :
MSVOA_Y
ClientSampleId :

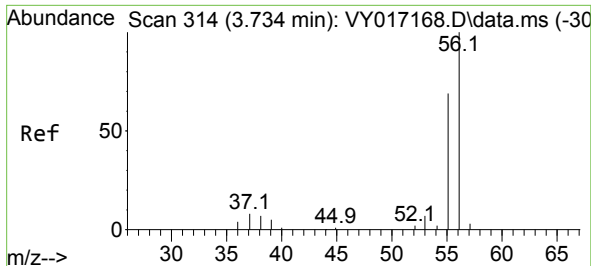
Tgt Ion: 59 Resp: 8261
Ion Ratio Lower Upper
59 100
57 3.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 21.491 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 96 Resp: 18773
Ion Ratio Lower Upper
96 100
61 165.4 124.2 186.2
98 58.7 52.6 79.0





#13

Acrolein

Concen: 112.876 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.005 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

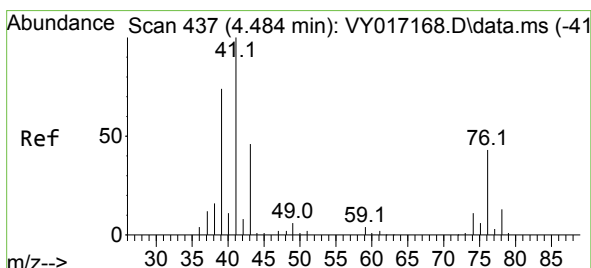
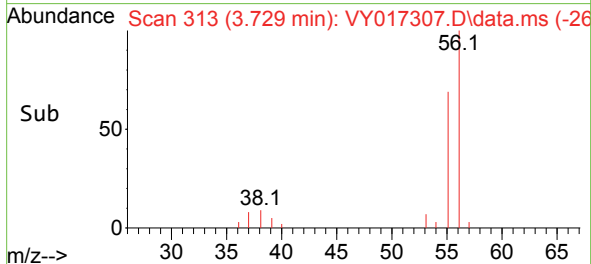
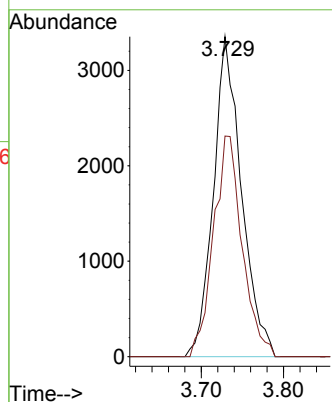
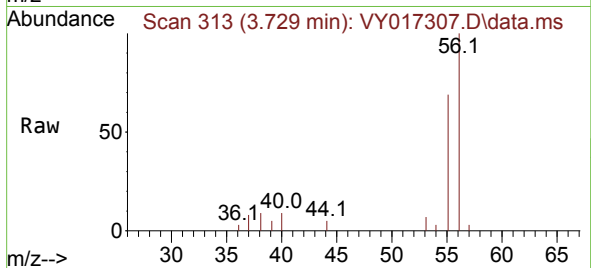
ClientSampleId :

Tgt Ion: 56 Resp: 7958

Ion Ratio Lower Upper

56 100

55 70.4 55.4 83.0



#14

Allyl chloride

Concen: 22.549 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

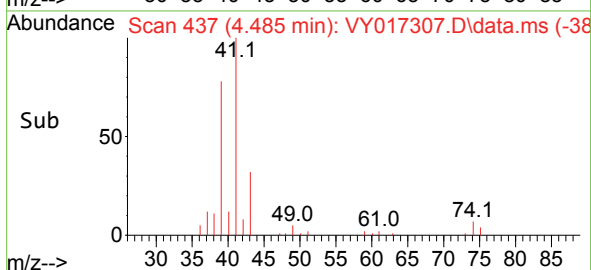
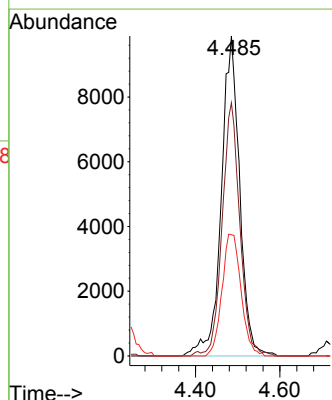
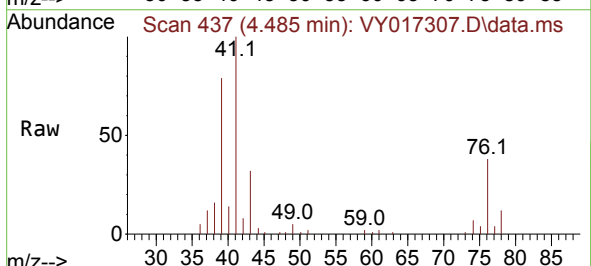
Tgt Ion: 41 Resp: 29778

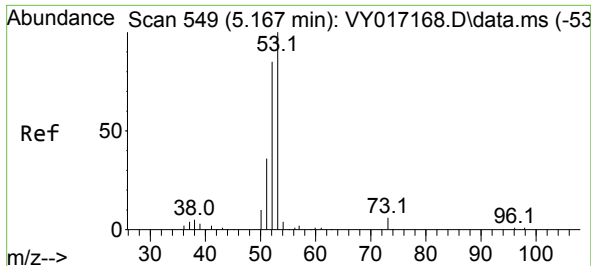
Ion Ratio Lower Upper

41 100

39 75.6 54.7 82.1

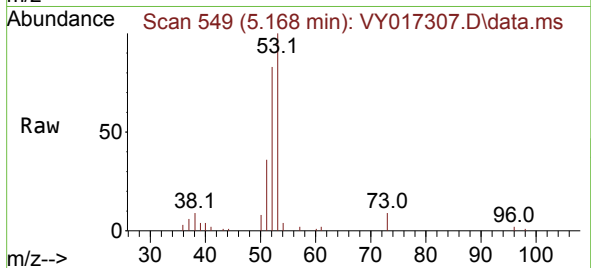
76 39.5 31.8 47.6



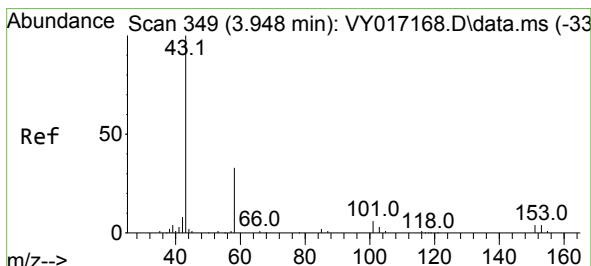
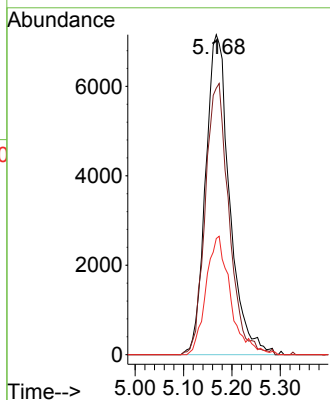
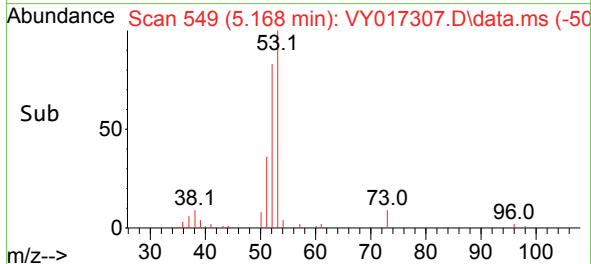


#15
Acrylonitrile
Concen: 113.486 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

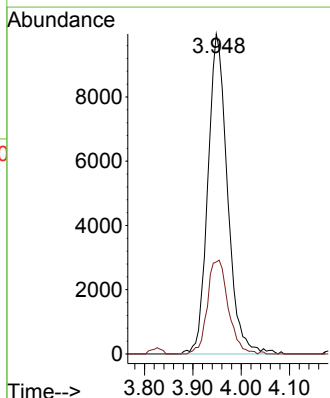
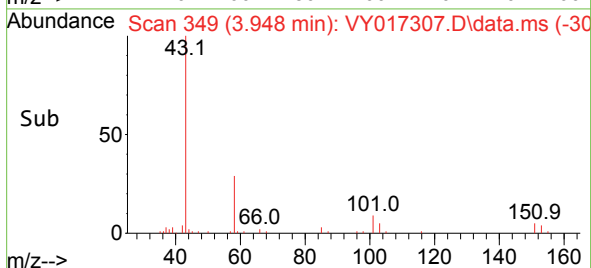
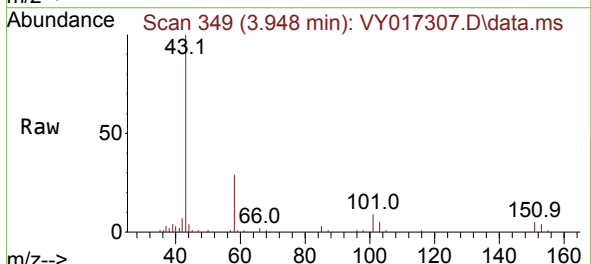


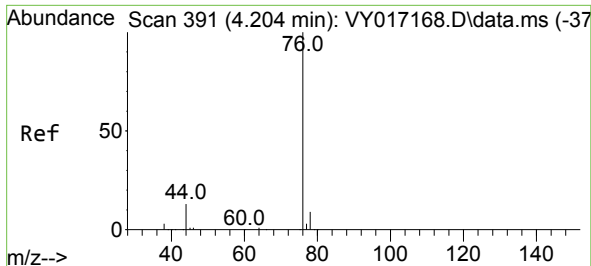
Tgt Ion: 53 Resp: 24717
Ion Ratio Lower Upper
53 100
52 83.9 65.1 97.7
51 38.0 29.0 43.4



#16
Acetone
Concen: 118.589 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 43 Resp: 28060
Ion Ratio Lower Upper
43 100
58 28.7 26.6 39.8

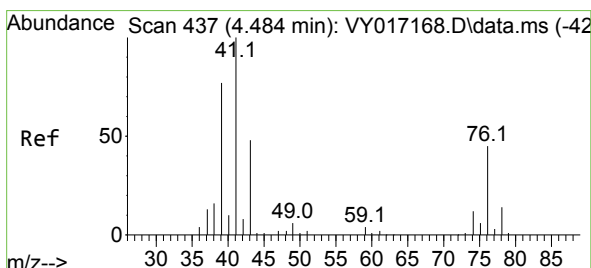
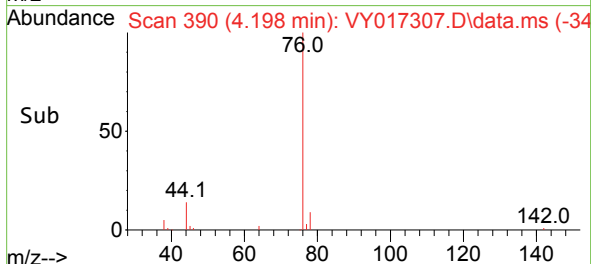
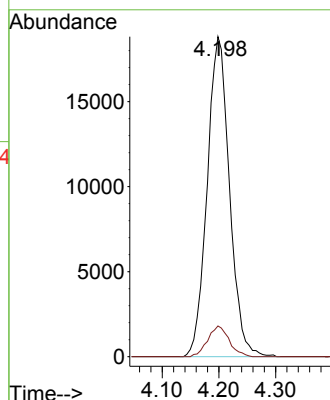
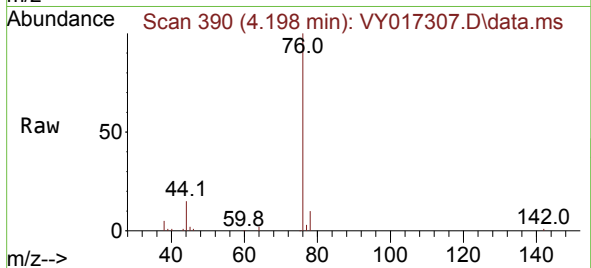




#17
Carbon Disulfide
Concen: 18.437 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

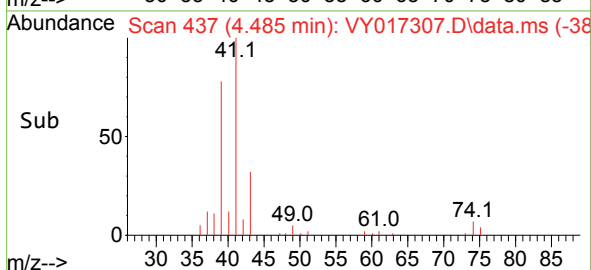
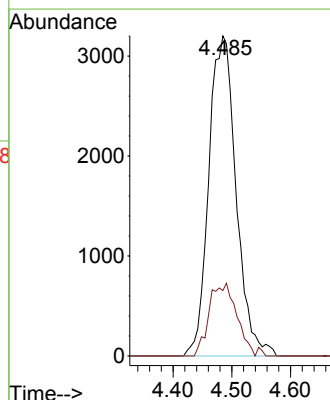
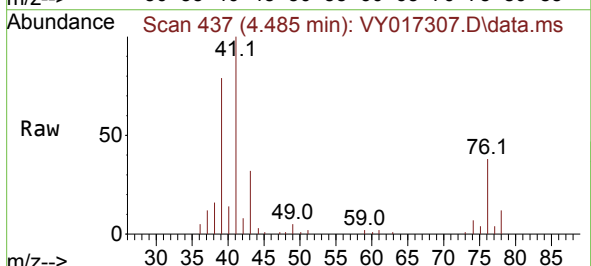
Instrument :
MSVOA_Y
ClientSampleId :

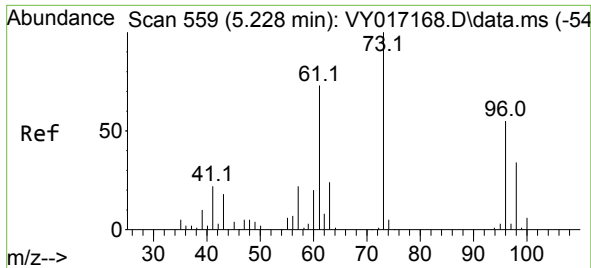
Tgt Ion: 76 Resp: 51410
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.581 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 43 Resp: 10336
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.6

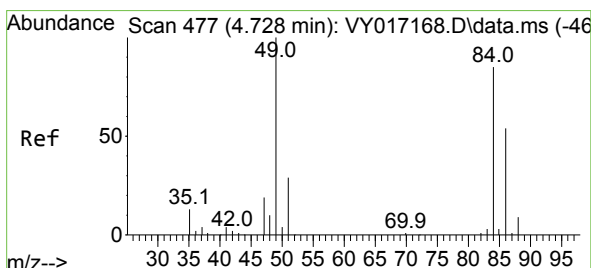
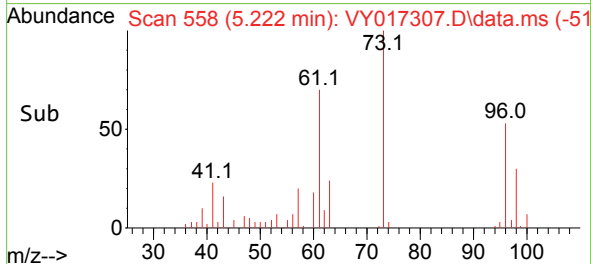
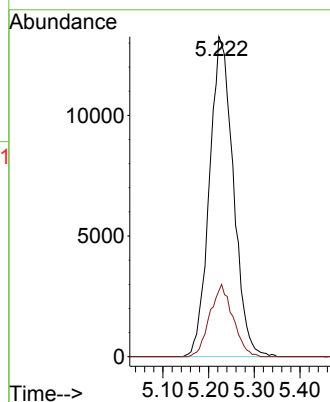
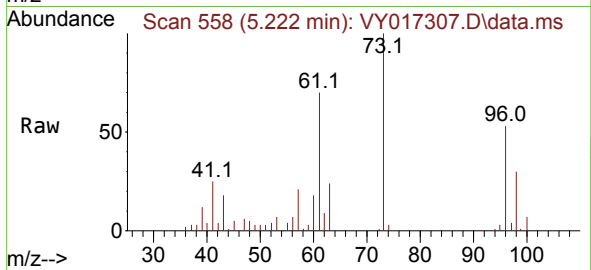




#19
Methyl tert-butyl Ether
Concen: 22.917 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

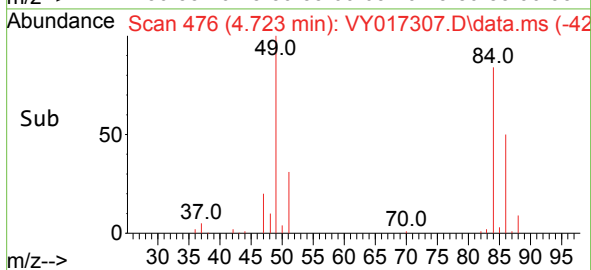
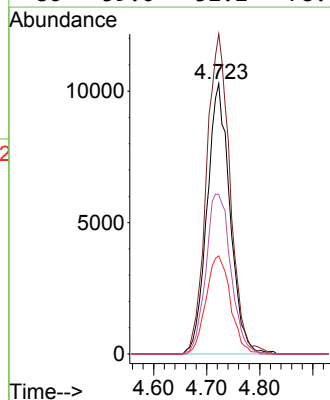
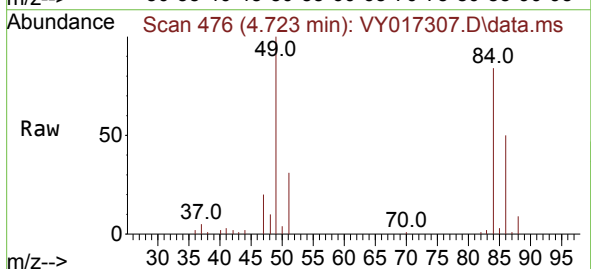
Instrument :
MSVOA_Y
ClientSampleId :

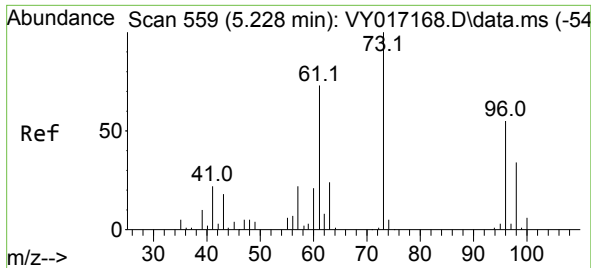
Tgt Ion: 73 Resp: 48212
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 30.471 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.005 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

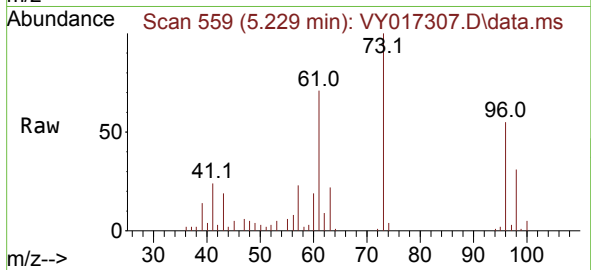
Tgt Ion: 84 Resp: 30855
Ion Ratio Lower Upper
84 100
49 118.4 95.2 142.8
51 36.3 29.9 44.9
86 59.0 52.2 78.4



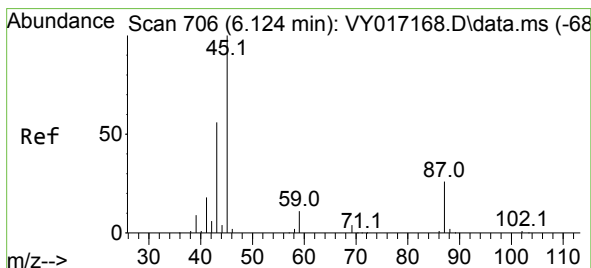
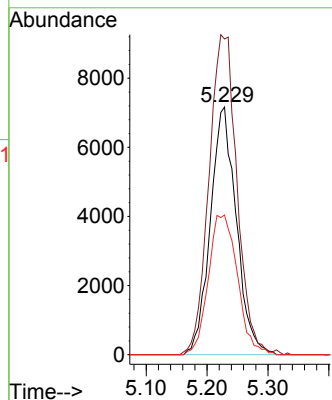
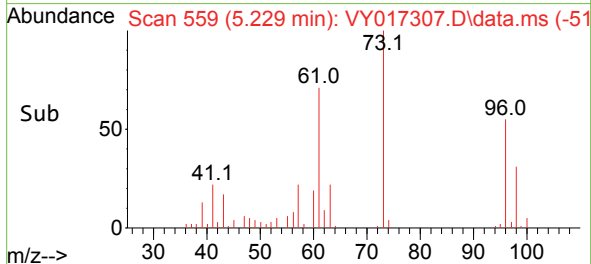


#21
trans-1,2-Dichloroethene
Concen: 21.436 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

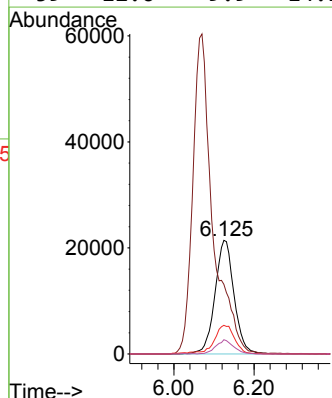
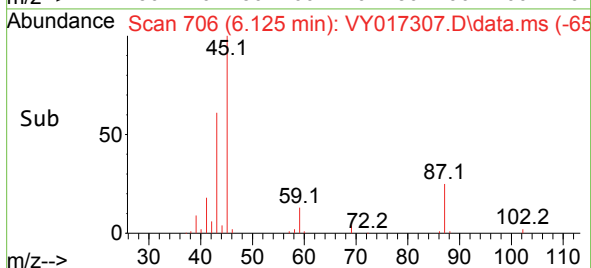
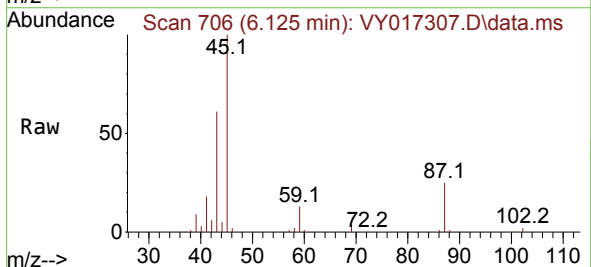


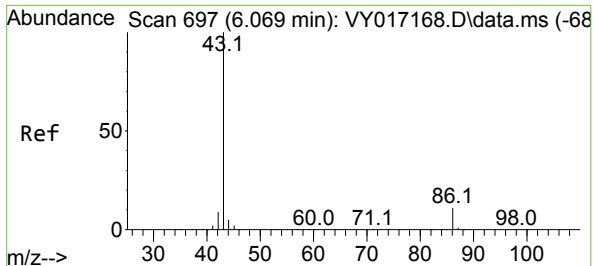
Tgt Ion: 96 Resp: 21301
Ion Ratio Lower Upper
96 100
61 127.5 104.6 156.8
98 56.4 50.9 76.3



#22
Diisopropyl ether
Concen: 24.393 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 45 Resp: 70739
Ion Ratio Lower Upper
45 100
43 60.6 46.8 70.2
87 25.2 22.2 33.2
59 12.6 9.9 14.9

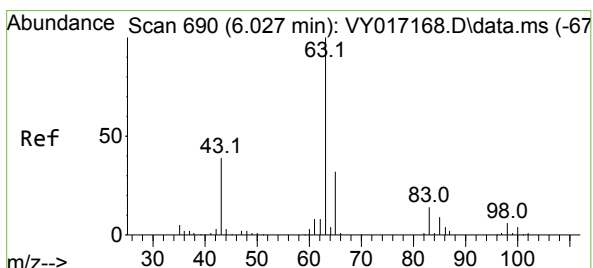
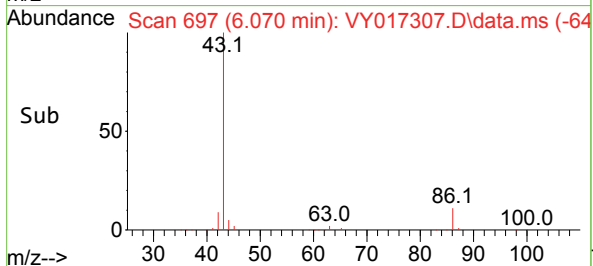
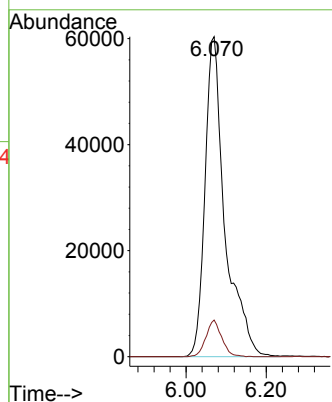
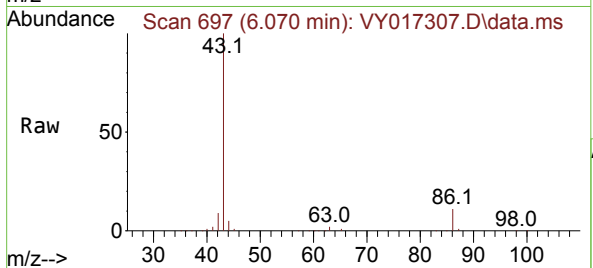




#23
 Vinyl Acetate
 Concen: 118.681 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

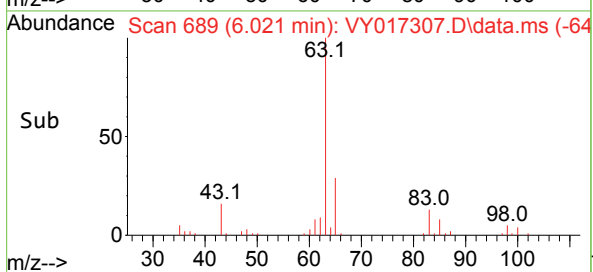
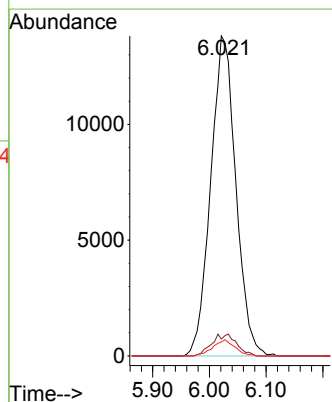
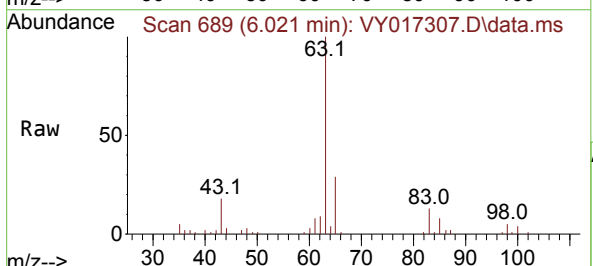
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 208542
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 23.959 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

Tgt Ion: 63 Resp: 42564
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 119.418 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

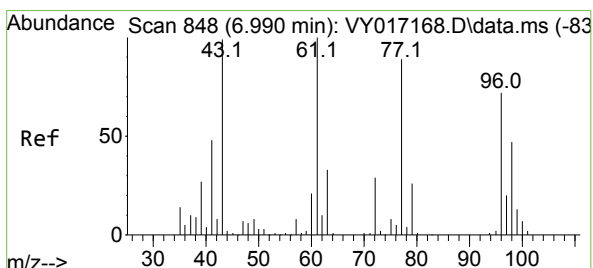
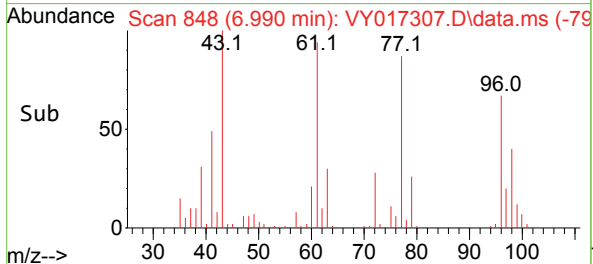
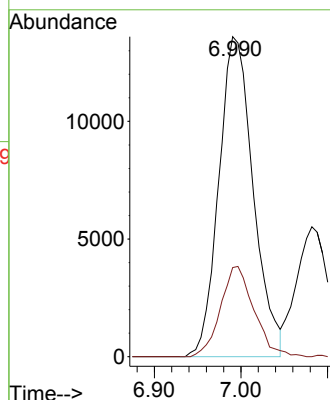
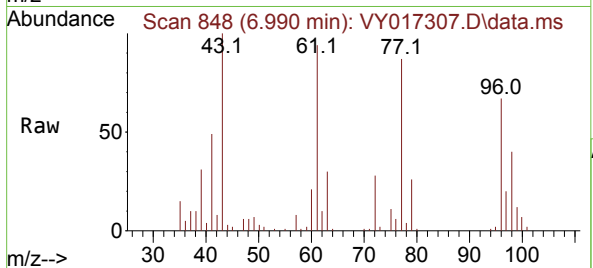
ClientSampleId :

Tgt Ion: 43 Resp: 37563

Ion Ratio Lower Upper

43 100

72 27.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 23.713 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017307.D

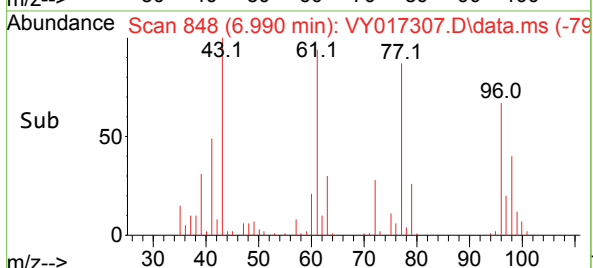
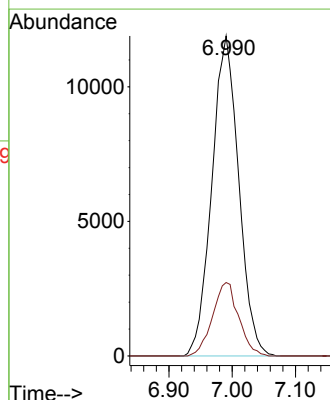
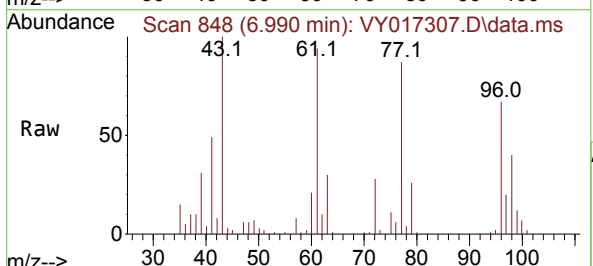
Acq: 08 Feb 2024 13:00

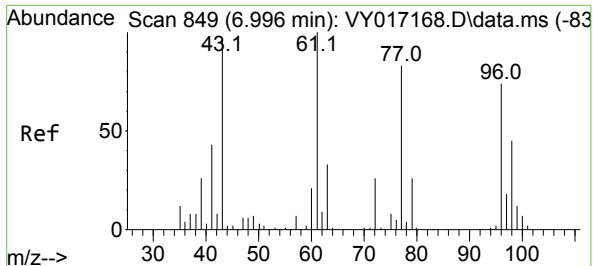
Tgt Ion: 77 Resp: 35040

Ion Ratio Lower Upper

77 100

97 22.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.576 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

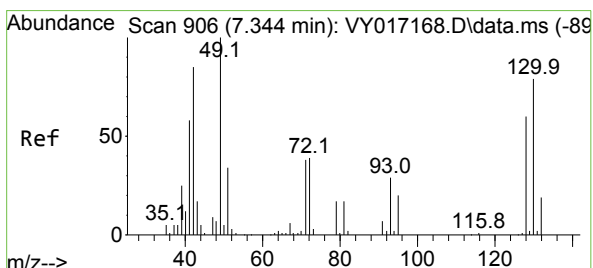
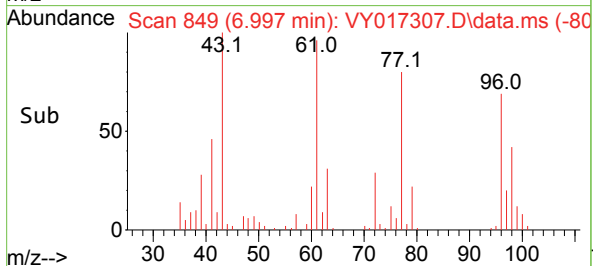
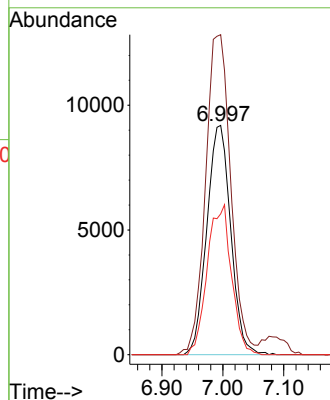
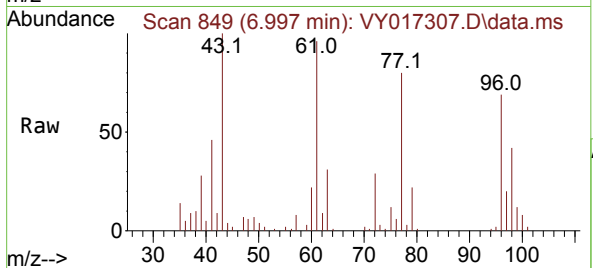
Tgt Ion: 96 Resp: 25091

Ion Ratio Lower Upper

96 100

61 147.4 0.0 278.8

98 66.1 0.0 127.0



#28

Bromochloromethane

Concen: 22.523 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

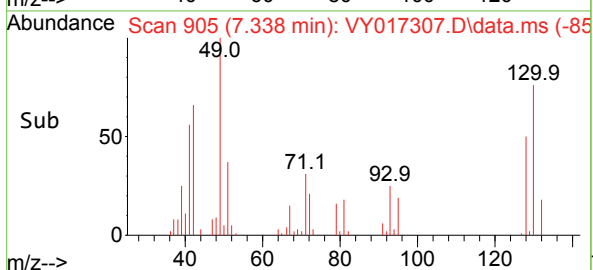
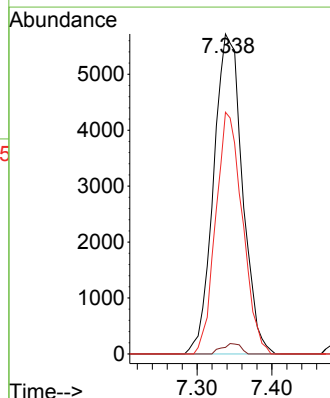
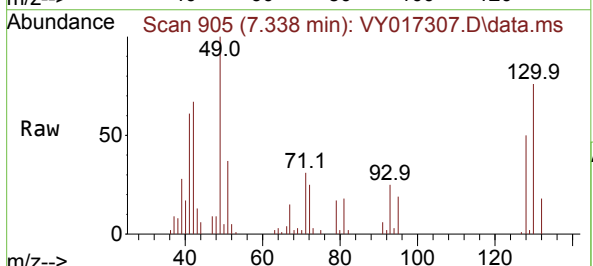
Tgt Ion: 49 Resp: 15321

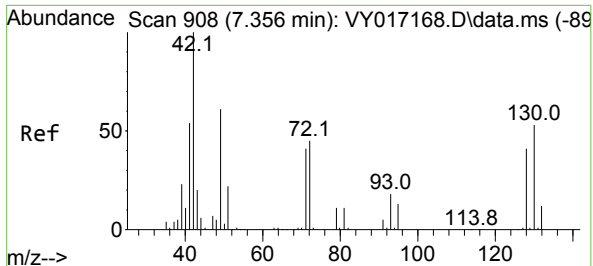
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 70.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 113.828 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

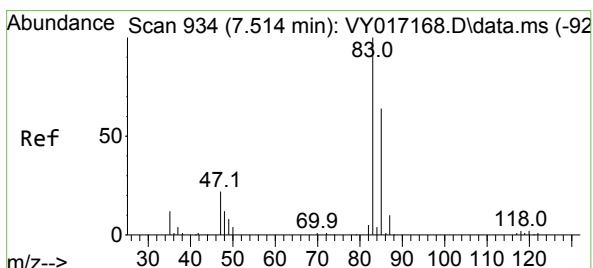
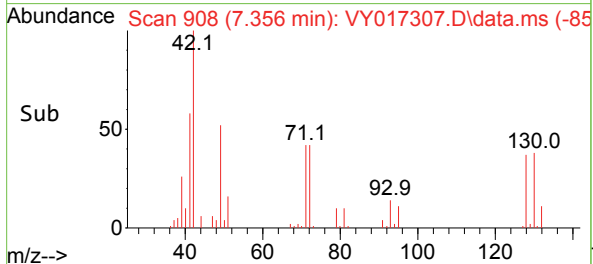
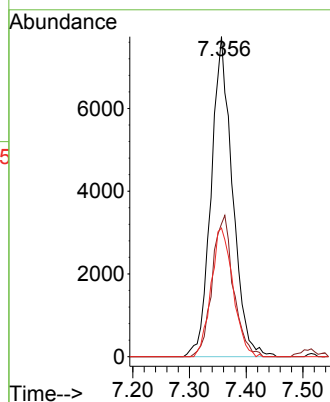
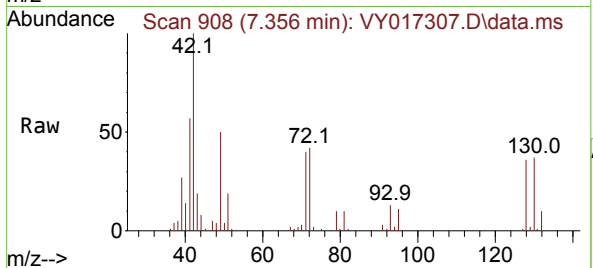
Tgt Ion: 42 Resp: 20226

Ion Ratio Lower Upper

42 100

72 44.0 36.6 54.8

71 41.1 33.8 50.6



#30

Chloroform

Concen: 24.200 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017307.D

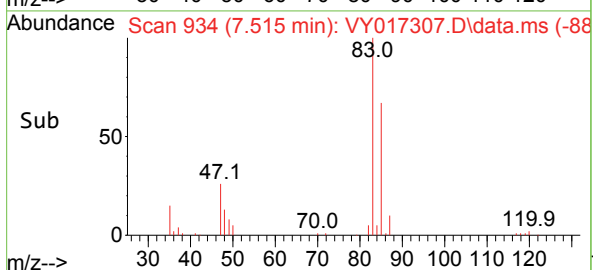
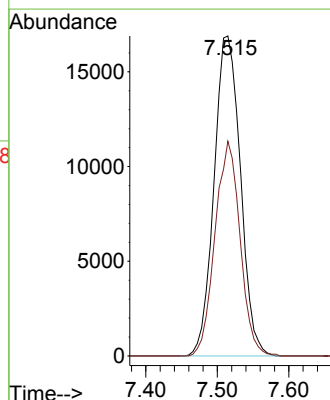
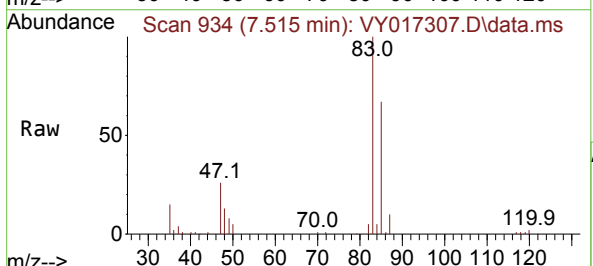
Acq: 08 Feb 2024 13:00

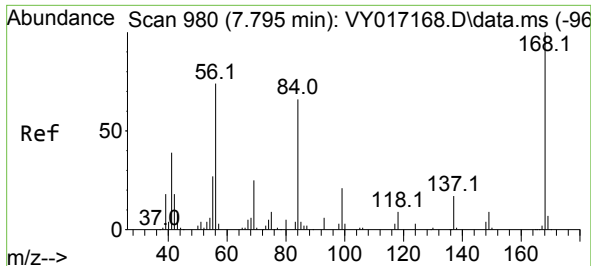
Tgt Ion: 83 Resp: 43249

Ion Ratio Lower Upper

83 100

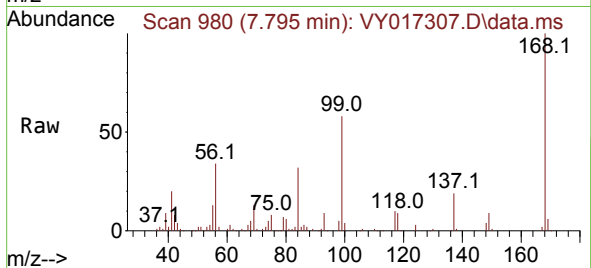
85 67.1 51.2 76.8



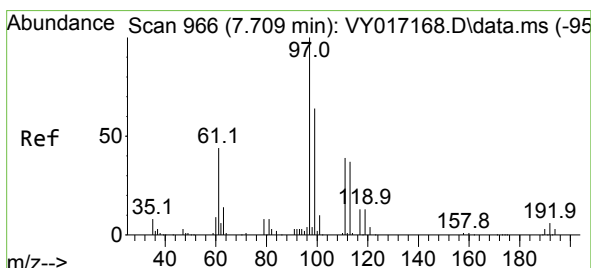
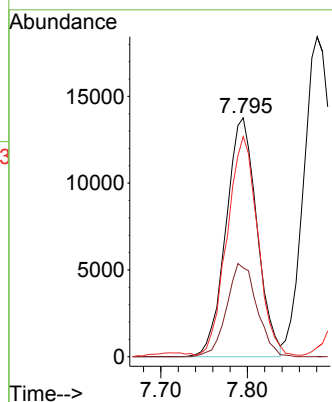
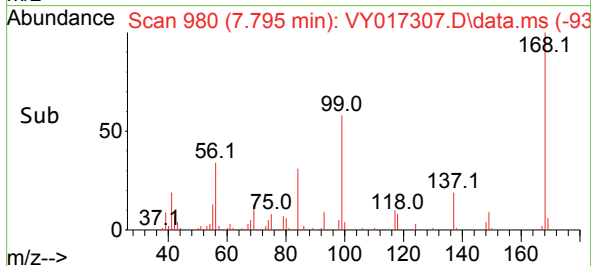


#31
Cyclohexane
Concen: 21.086 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

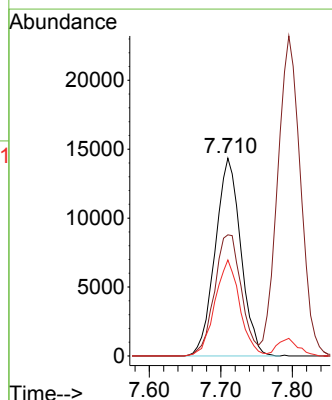
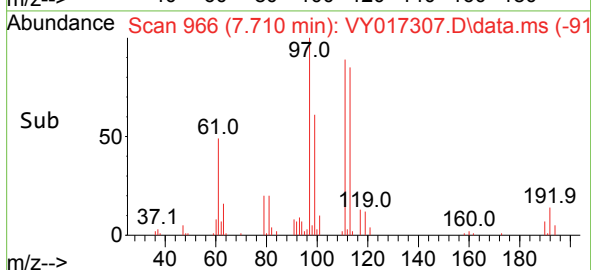
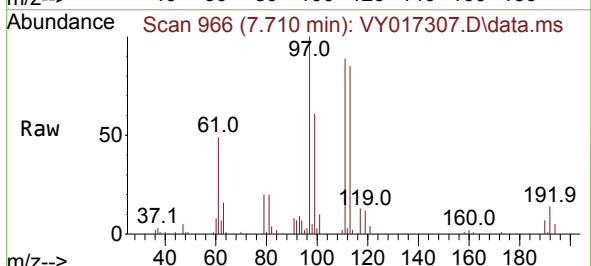


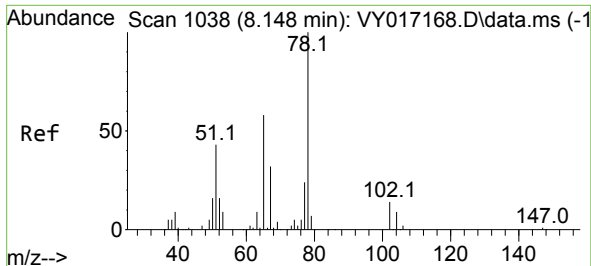
Tgt Ion: 56 Resp: 34216
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.6
84 90.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 23.244 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 97 Resp: 35731
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 47.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.611 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

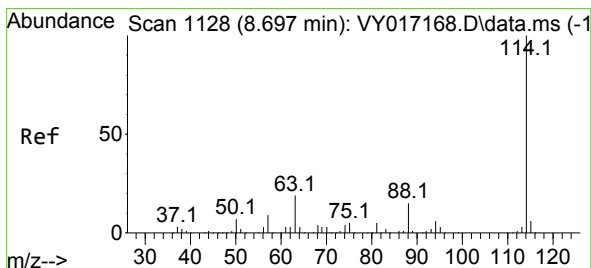
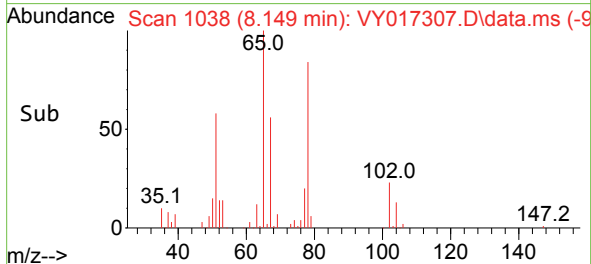
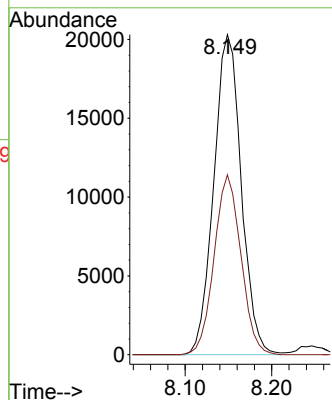
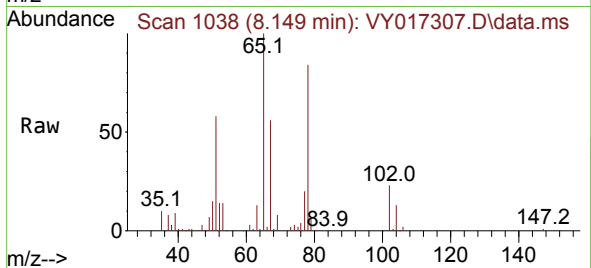
ClientSampleId :

Tgt Ion: 65 Resp: 44770

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

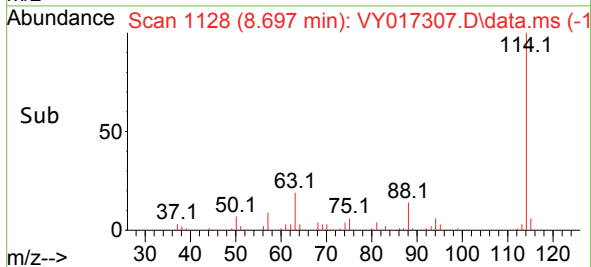
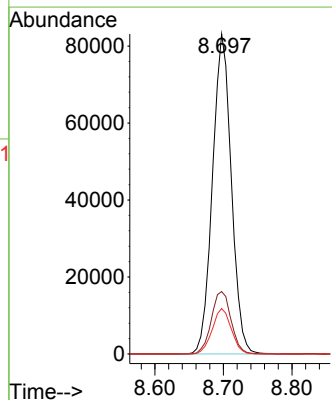
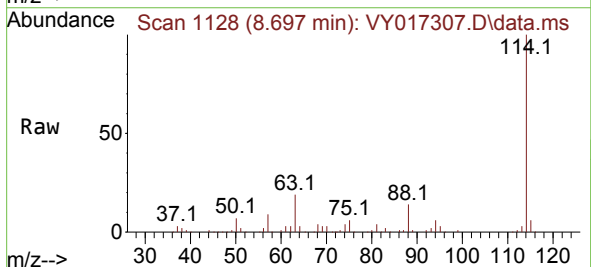
Tgt Ion: 114 Resp: 158282

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.2 0.0 29.0

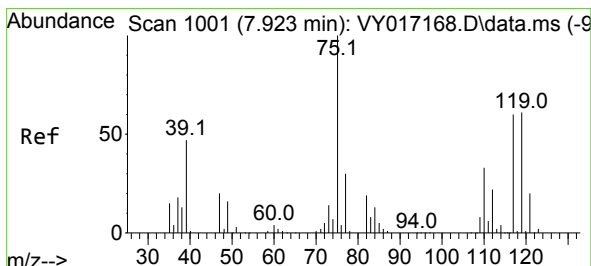
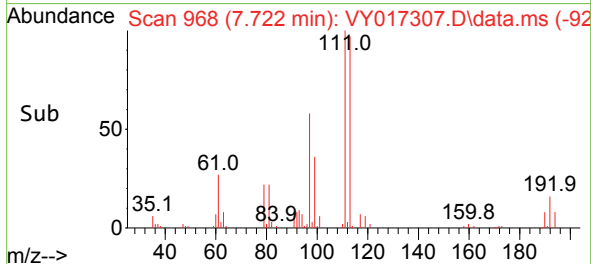
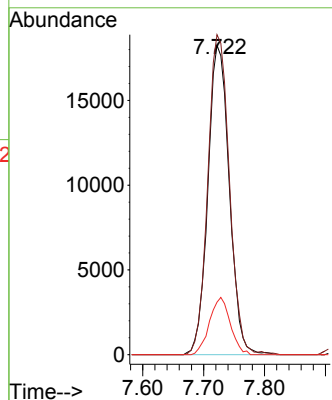
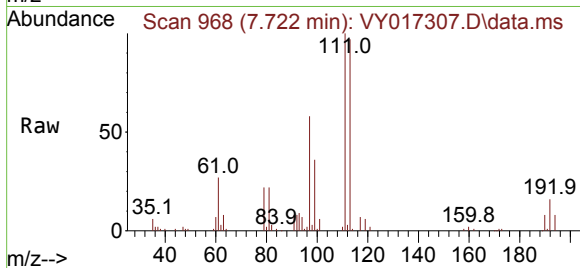




#35
Dibromofluoromethane
Concen: 52.195 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

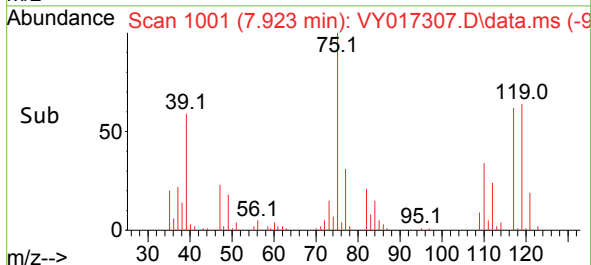
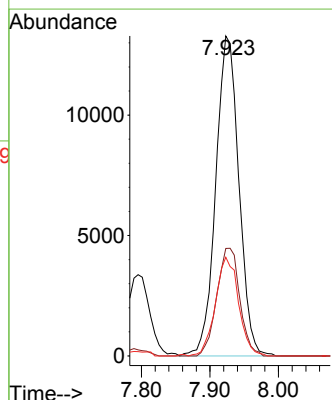
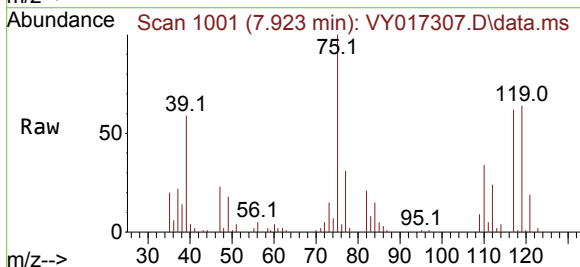
Instrument :
MSVOA_Y
ClientSampleId :

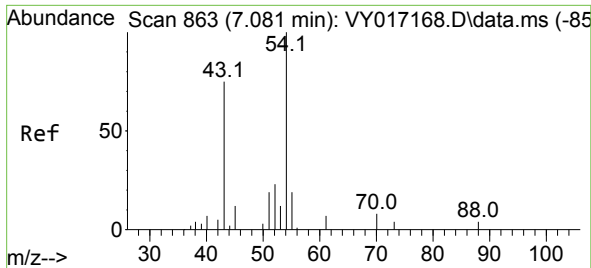
Tgt Ion:113 Resp: 44607
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.092 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 75 Resp: 31093
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.3
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 22.564 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017307.D

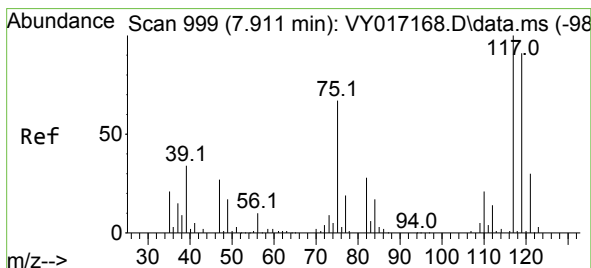
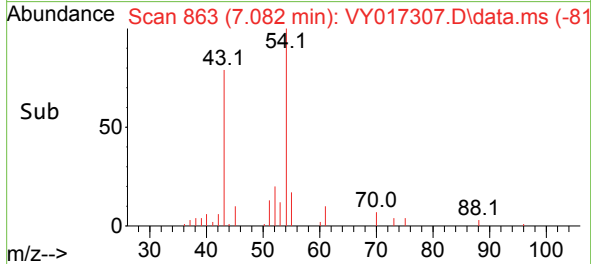
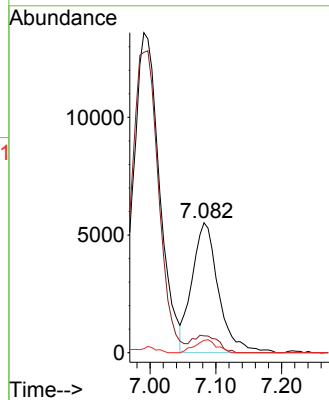
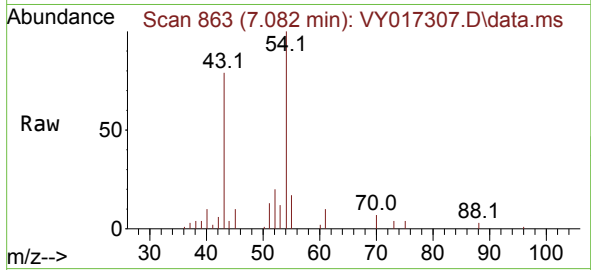
Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	15428
Ion	Ratio	Lower Upper
43	100	
61	12.6	11.0 16.6
70	8.2	8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.615 ug/l

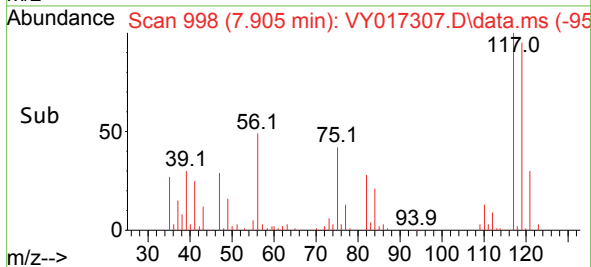
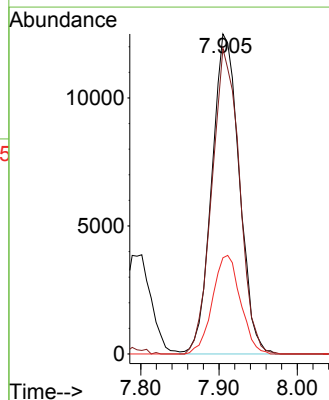
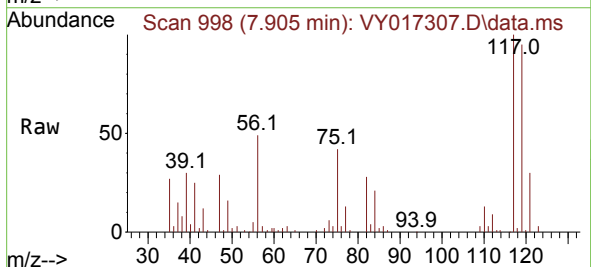
RT: 7.905 min Scan# 998

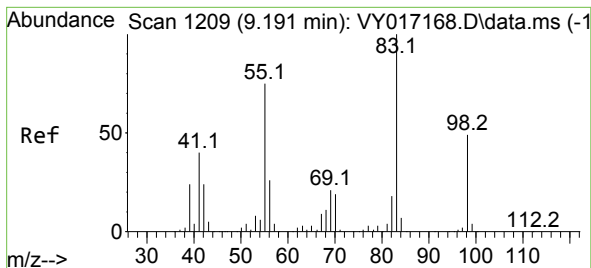
Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Tgt Ion: 117	Resp:	30509
Ion	Ratio	Lower Upper
117	100	
119	95.4	76.0 114.0
121	30.0	24.2 36.2





#39

Methylcyclohexane

Concen: 20.267 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

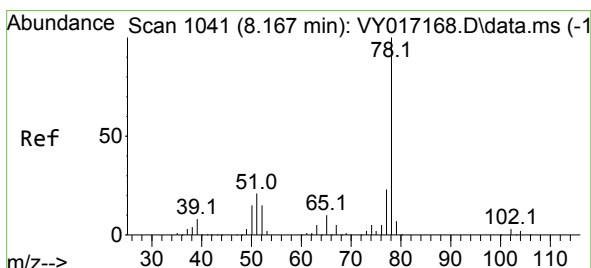
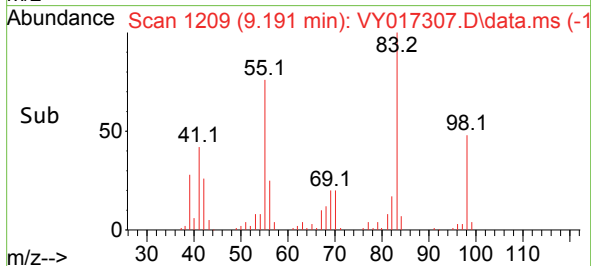
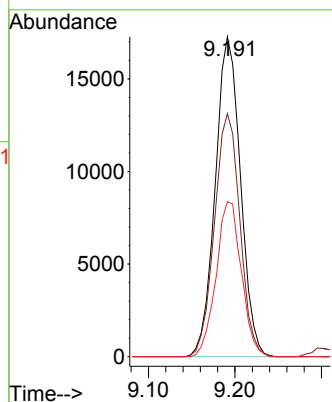
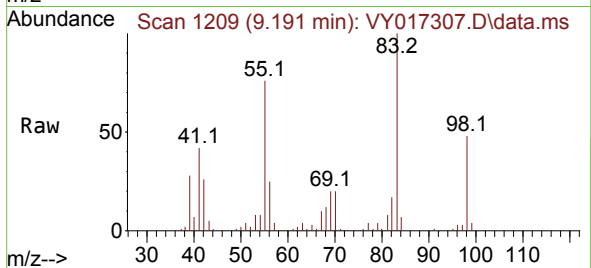
Tgt Ion: 83 Resp: 34904

Ion Ratio Lower Upper

83 100

55 76.0 59.7 89.5

98 48.5 38.0 57.0



#40

Benzene

Concen: 22.357 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017307.D

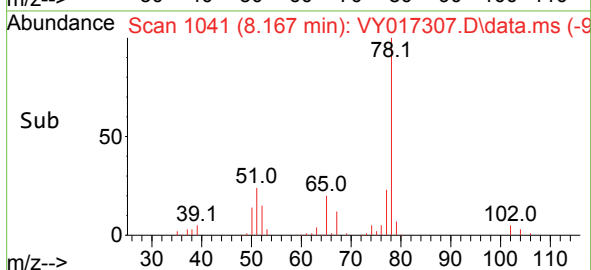
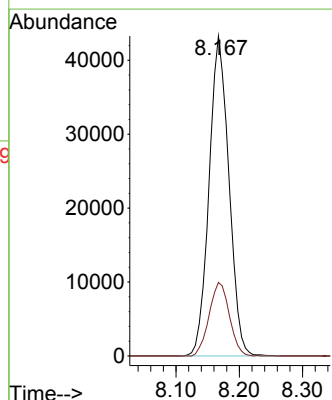
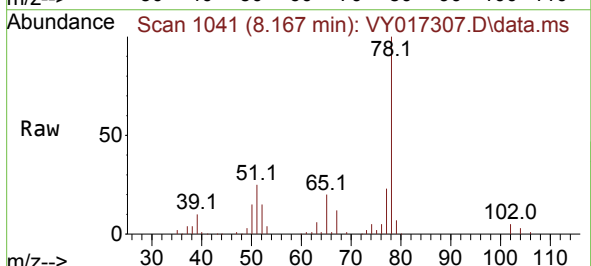
Acq: 08 Feb 2024 13:00

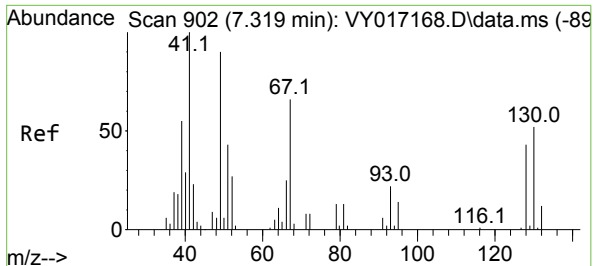
Tgt Ion: 78 Resp: 94119

Ion Ratio Lower Upper

78 100

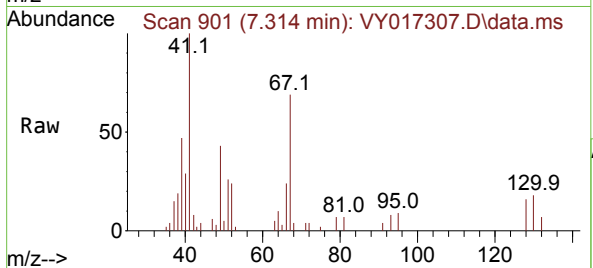
77 23.0 18.8 28.2



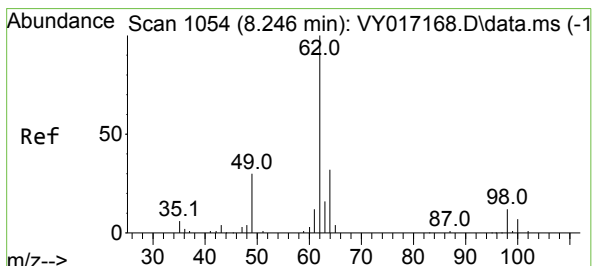
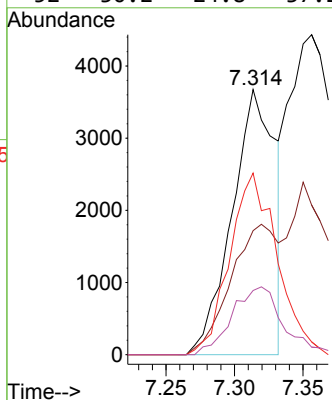
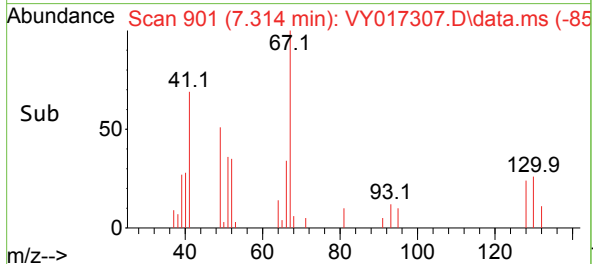


#41
Methacrylonitrile
Concen: 24.840 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

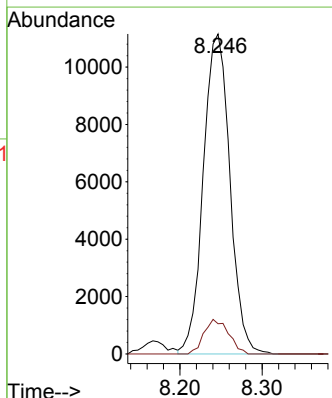
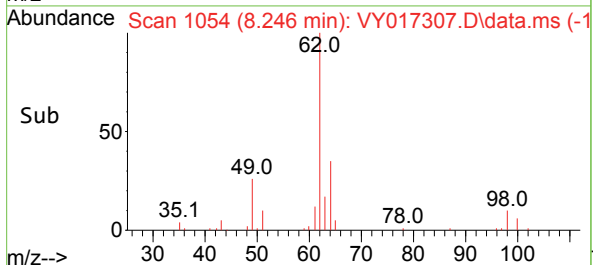
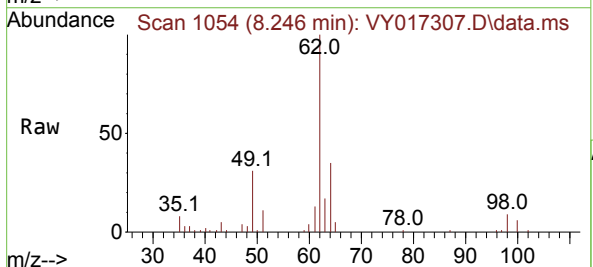


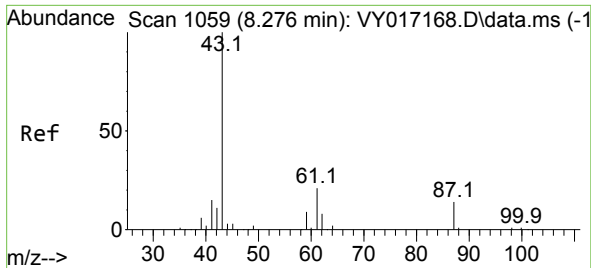
Tgt Ion: 41	Resp: 8047
Ion Ratio	Lower Upper
41 100	
39 53.4	41.9 62.9
67 75.2	59.8 89.6
52 30.2	24.8 37.2



#42
1,2-Dichloroethane
Concen: 22.471 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 62	Resp: 25047
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 20.2

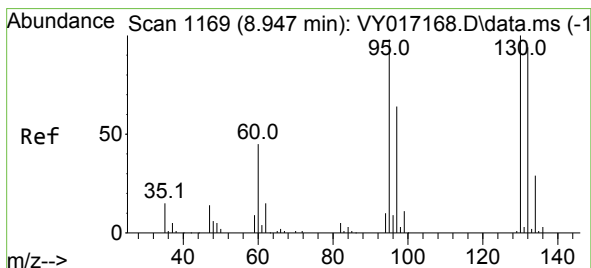
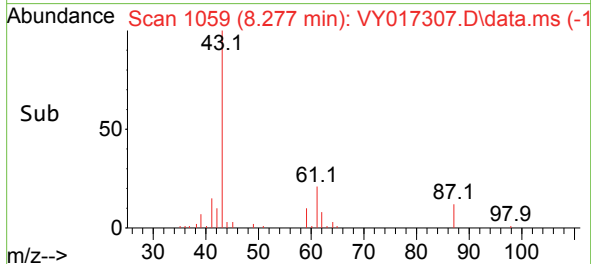
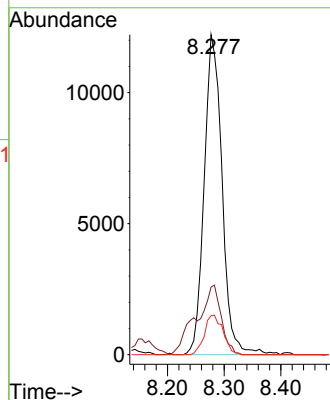
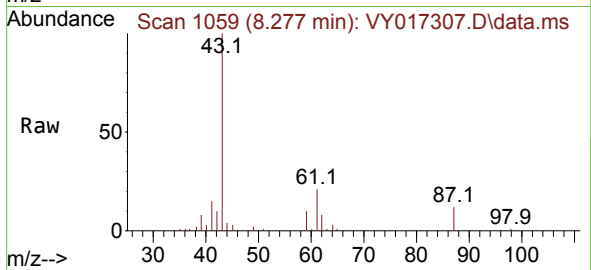




#43
Isopropyl Acetate
Concen: 22.088 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

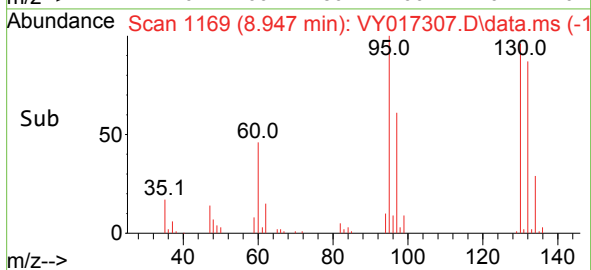
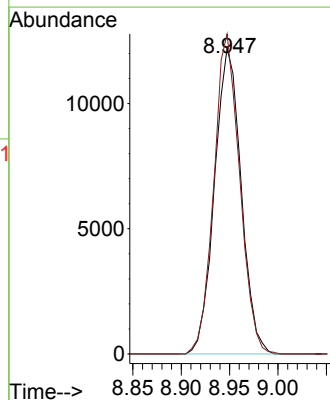
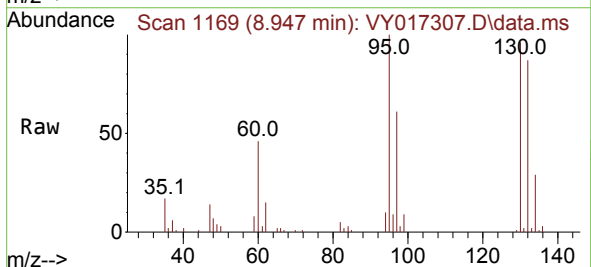
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 26734
Ion Ratio Lower Upper
43 100
61 30.2 24.8 37.2
87 12.8 10.7 16.1



#44
Trichloroethene
Concen: 21.851 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion:130 Resp: 23350
Ion Ratio Lower Upper
130 100
95 104.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 23.079 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

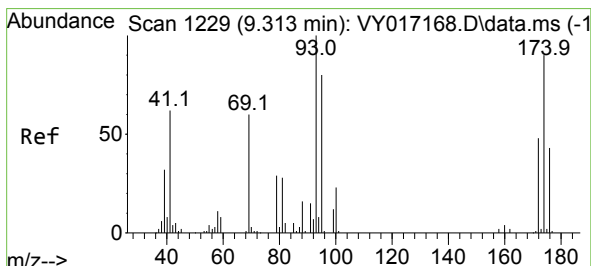
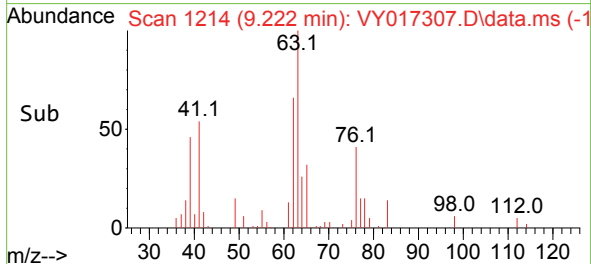
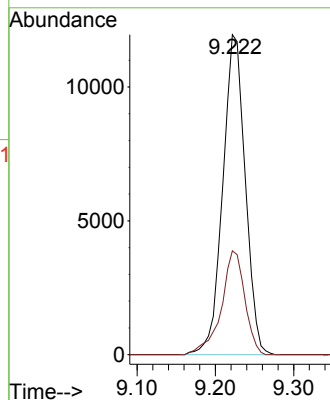
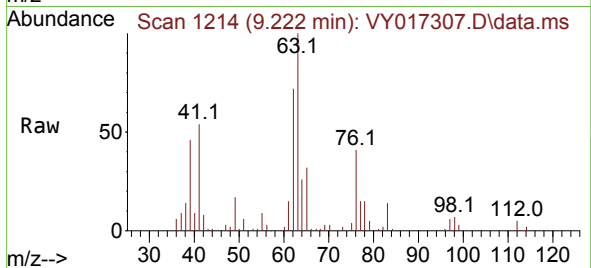
ClientSampleId :

Tgt Ion: 63 Resp: 23865

Ion Ratio Lower Upper

63 100

65 32.4 24.6 36.8



#46

Dibromomethane

Concen: 22.830 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

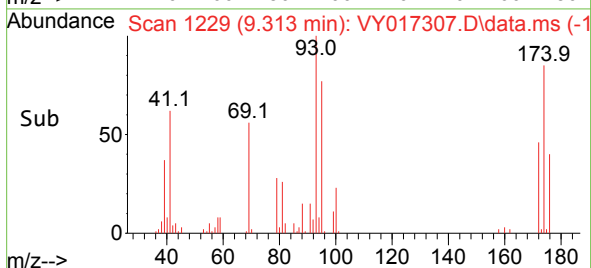
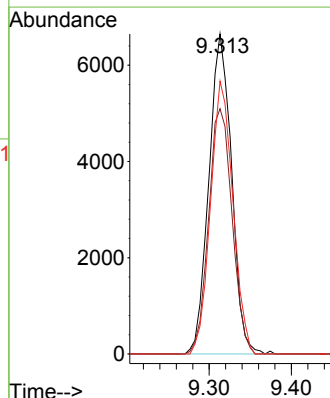
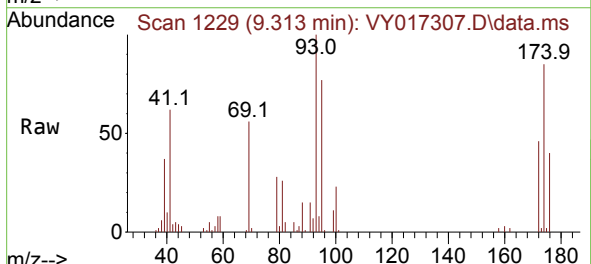
Tgt Ion: 93 Resp: 12752

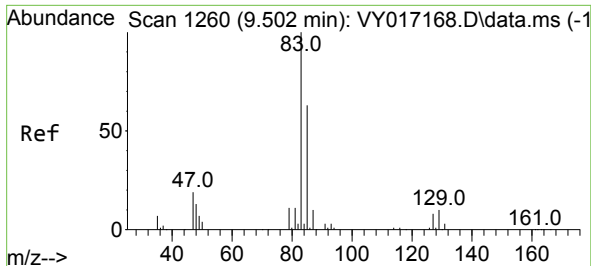
Ion Ratio Lower Upper

93 100

95 79.2 66.6 99.8

174 84.0 73.8 110.6

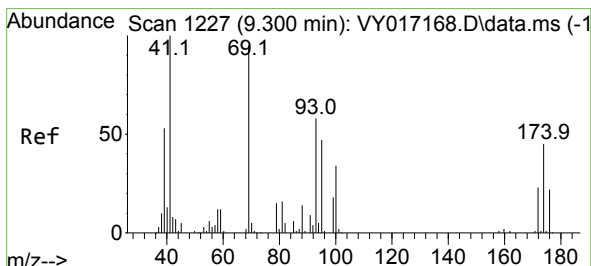
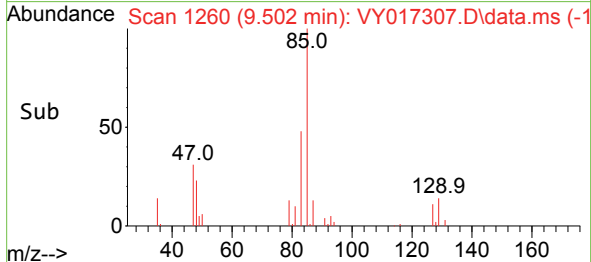
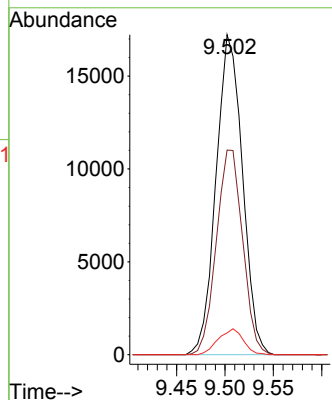
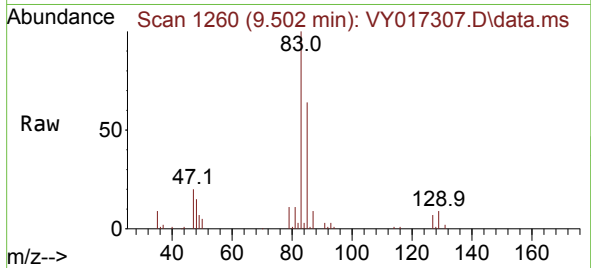




#47
Bromodichloromethane
Concen: 23.401 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

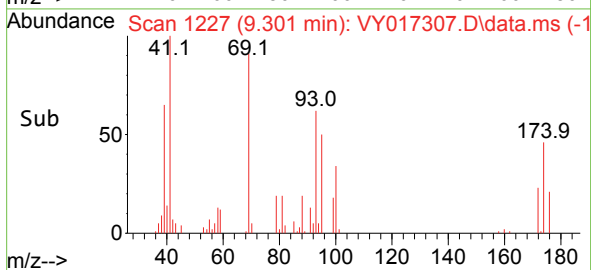
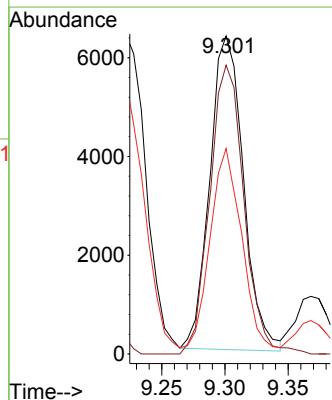
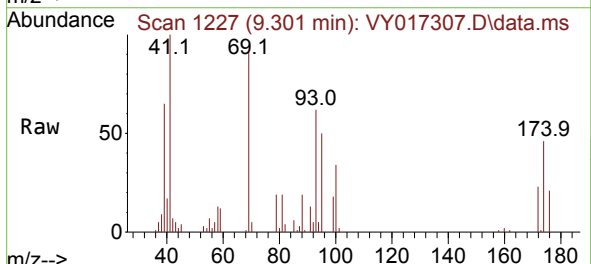
Instrument :
MSVOA_Y
ClientSampleId :

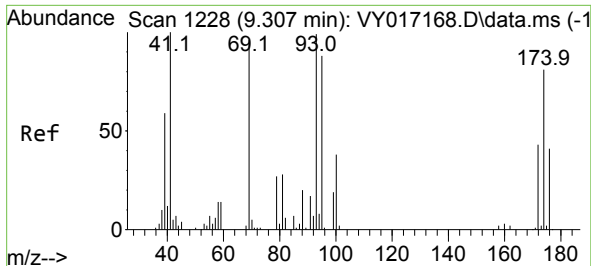
Tgt Ion: 83 Resp: 32712
Ion Ratio Lower Upper
83 100
85 64.0 53.2 79.8
127 6.8 6.4 9.6



#48
Methyl methacrylate
Concen: 20.681 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 41 Resp: 11741
Ion Ratio Lower Upper
41 100
69 93.7 72.1 108.1
39 59.3 42.8 64.2





#49

1,4-Dioxane

Concen: 424.529 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

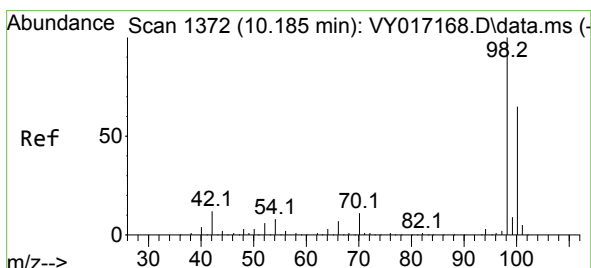
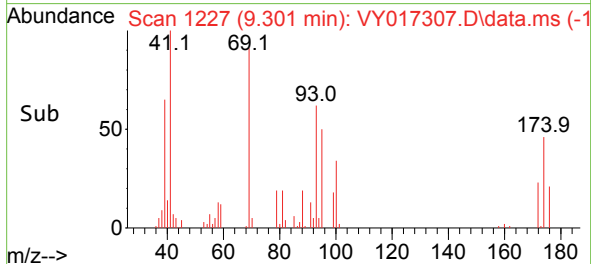
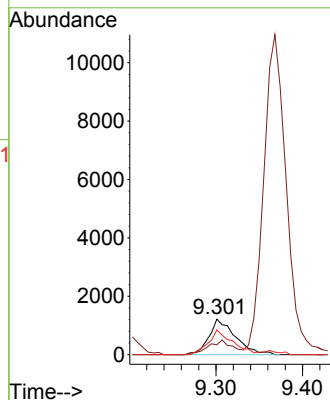
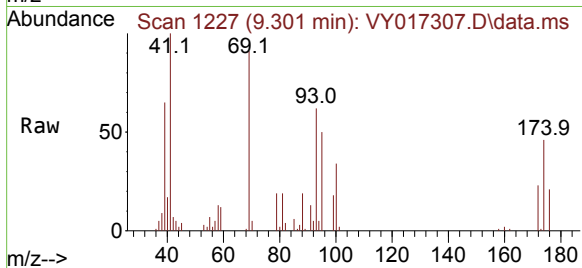
Tgt Ion: 88 Resp: 2581

Ion Ratio Lower Upper

88 100

43 37.9 28.2 42.4

58 64.2 52.2 78.2



#50

Toluene-d8

Concen: 53.486 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.007 min

Lab File: VY017307.D

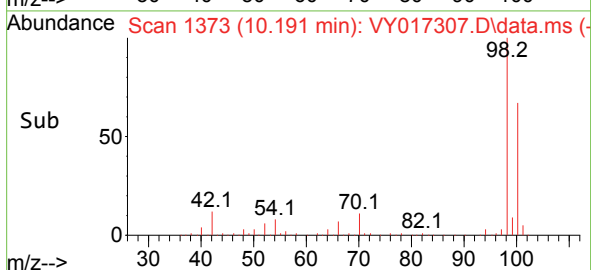
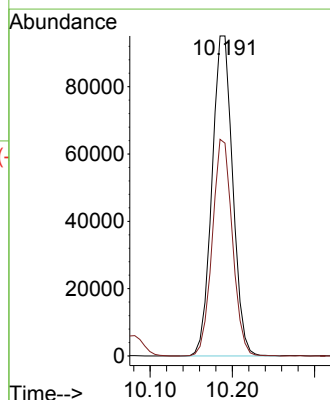
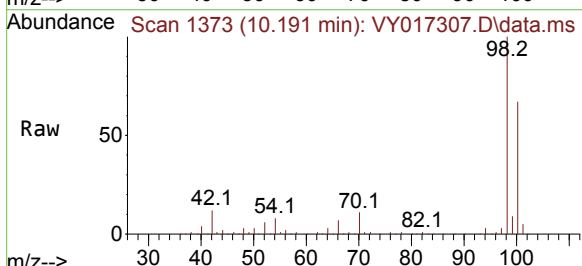
Acq: 08 Feb 2024 13:00

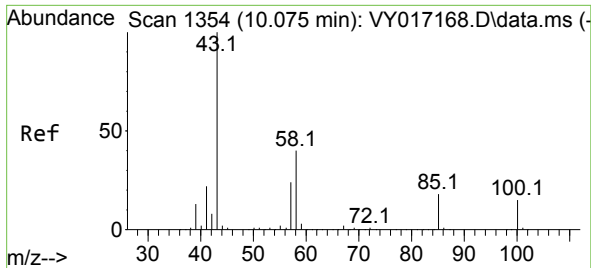
Tgt Ion: 98 Resp: 166428

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

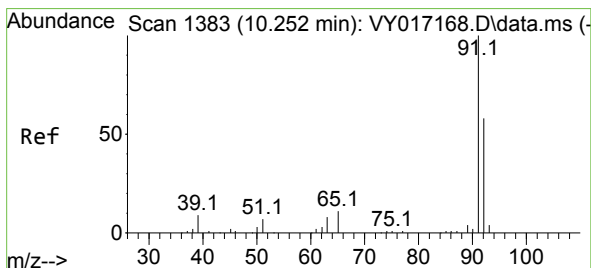
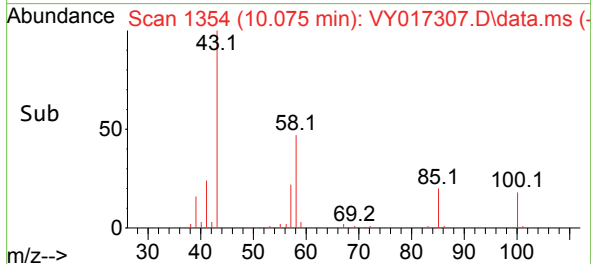
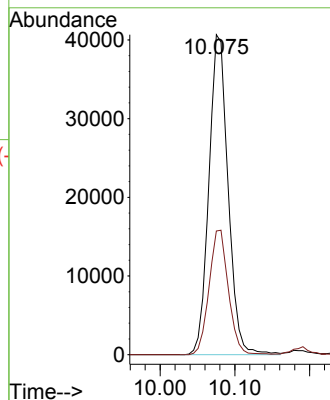
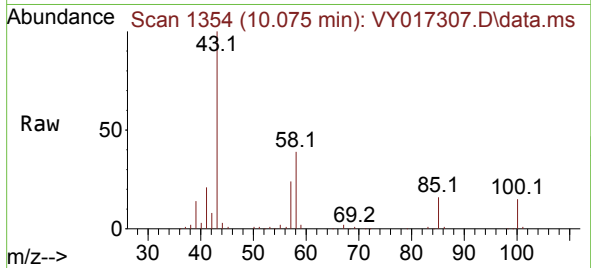




#51
4-Methyl-2-Pentanone
Concen: 111.929 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

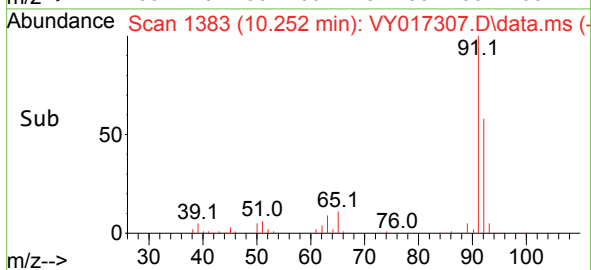
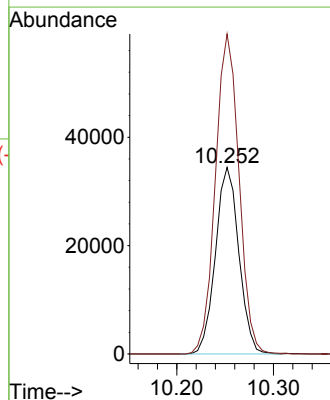
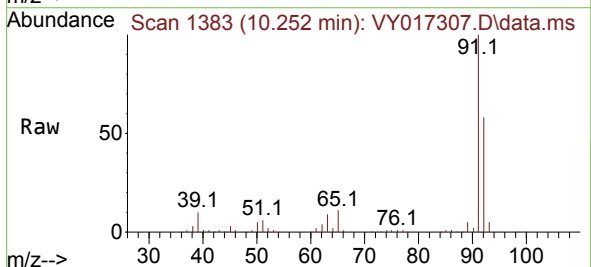
Instrument :
MSVOA_Y
ClientSampleId :

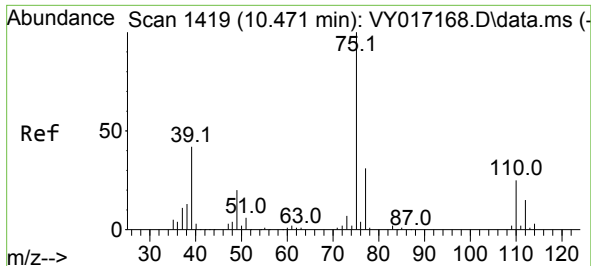
Tgt Ion: 43 Resp: 72620
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.2



#52
Toluene
Concen: 22.740 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 92 Resp: 57784
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4

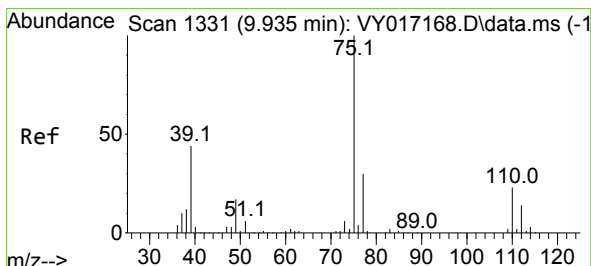
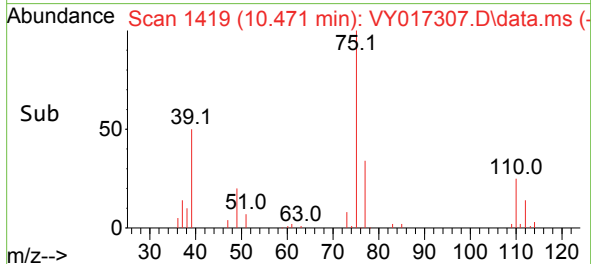
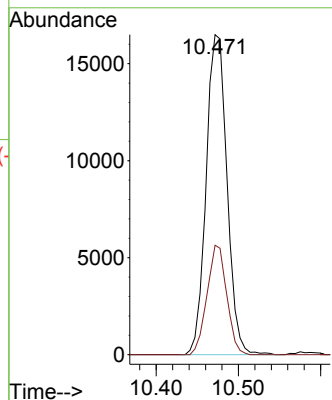
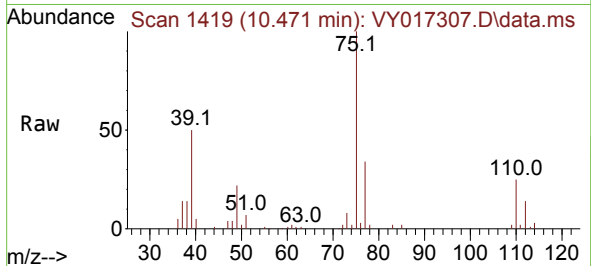




#53
 t-1,3-Dichloropropene
 Concen: 22.162 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

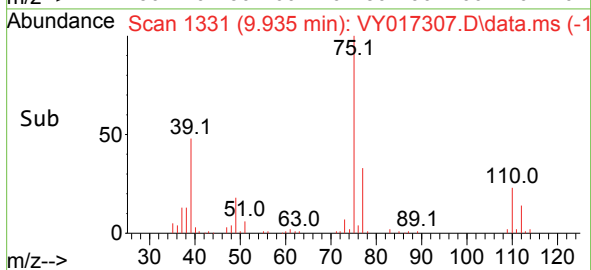
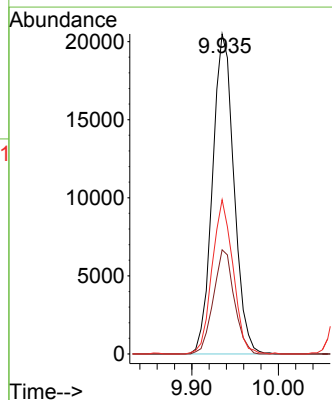
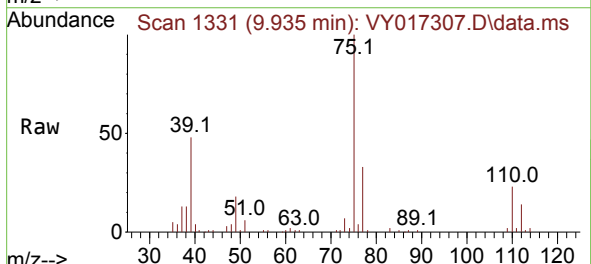
Instrument :
 MSVOA_Y
 ClientSampleId :

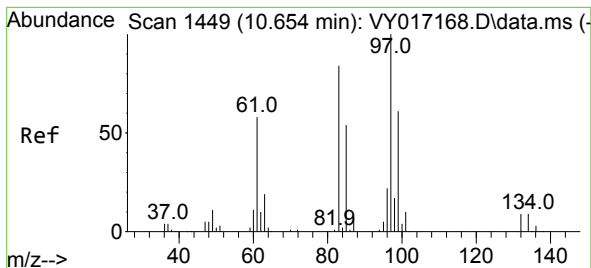
Tgt Ion: 75 Resp: 29100
 Ion Ratio Lower Upper
 75 100
 77 34.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.410 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017307.D
 Acq: 08 Feb 2024 13:00

Tgt Ion: 75 Resp: 35244
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8
 39 48.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 22.270 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 16924

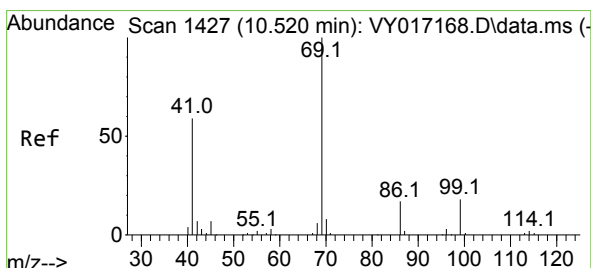
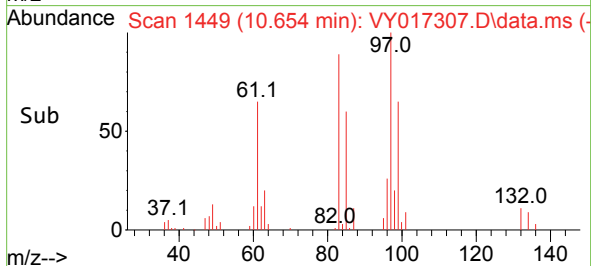
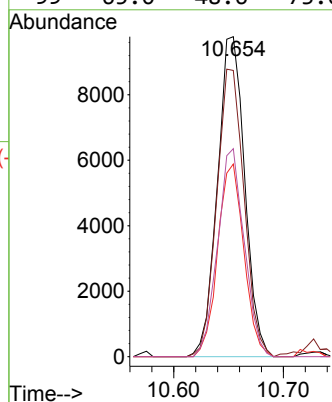
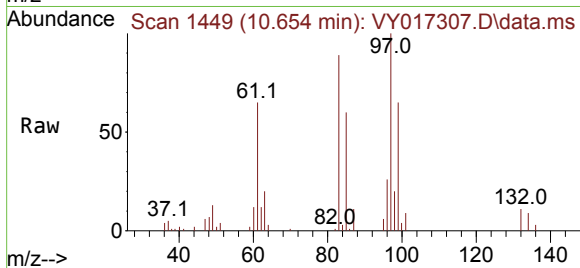
Ion Ratio Lower Upper

97 100

83 89.5 69.4 104.2

85 60.2 43.9 65.9

99 65.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 21.664 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

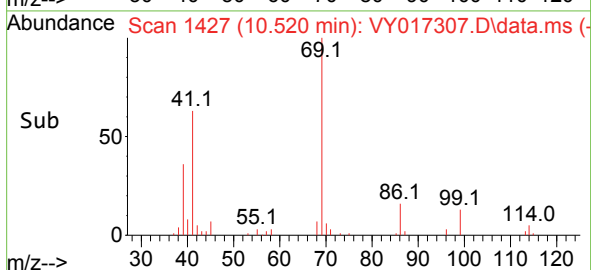
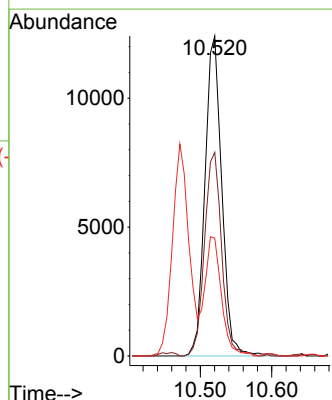
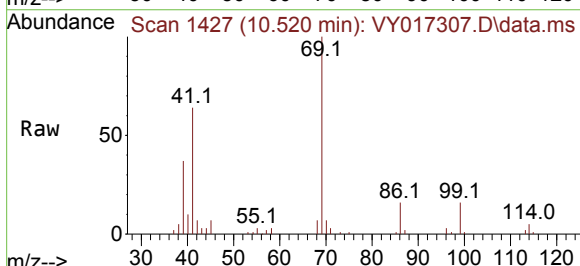
Tgt Ion: 69 Resp: 20299

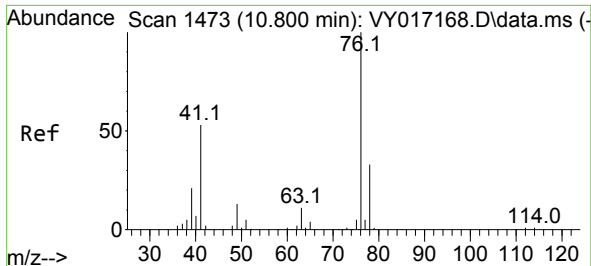
Ion Ratio Lower Upper

69 100

41 64.9 49.2 73.8

39 37.1 26.8 40.2





#57

1,3-Dichloropropane

Concen: 22.802 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

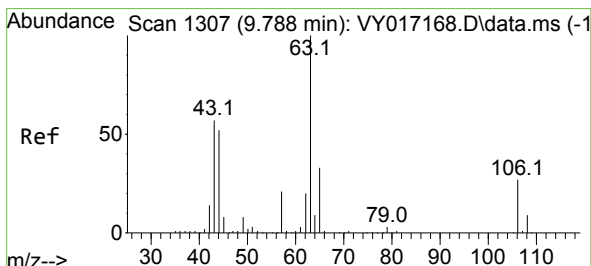
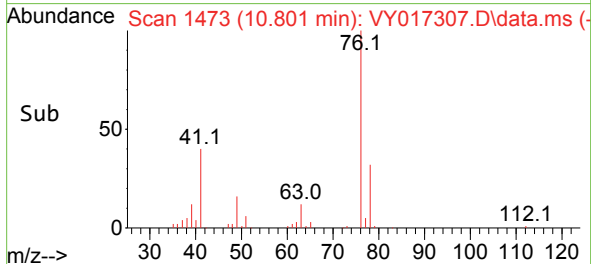
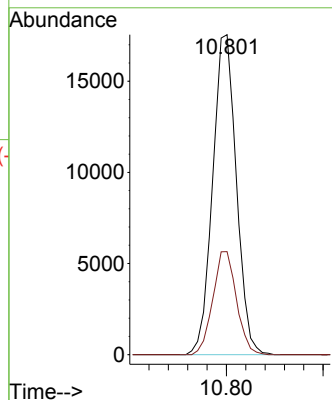
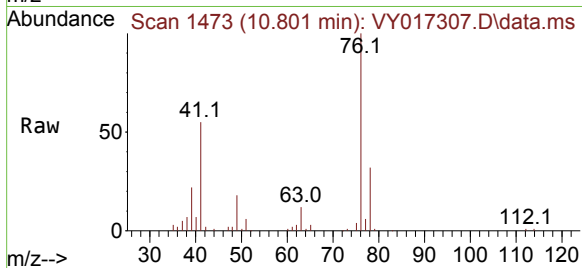
ClientSampleId :

Tgt Ion: 76 Resp: 29805

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.421 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017307.D

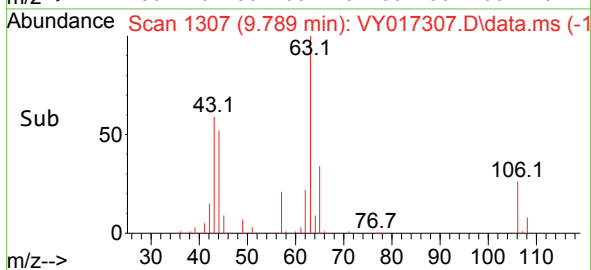
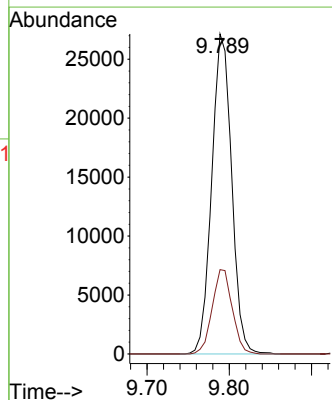
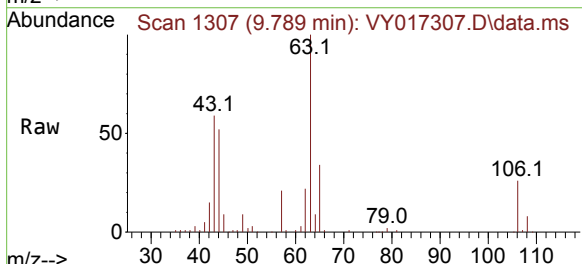
Acq: 08 Feb 2024 13:00

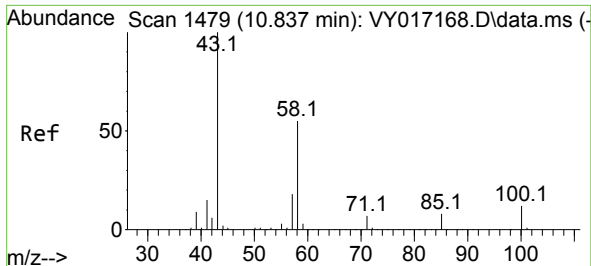
Tgt Ion: 63 Resp: 45650

Ion Ratio Lower Upper

63 100

106 26.5 22.4 33.6

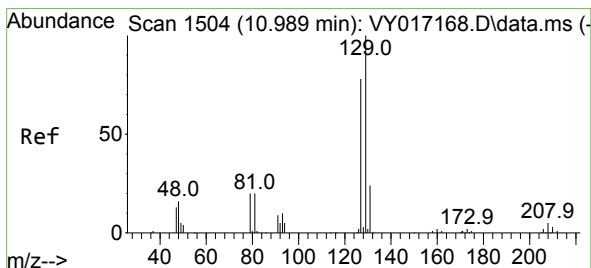
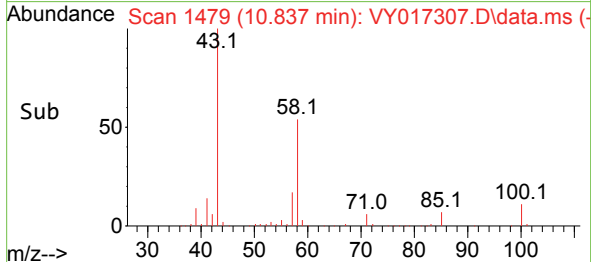
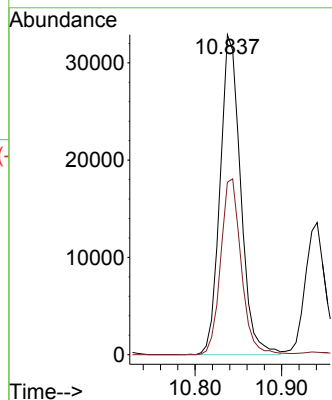
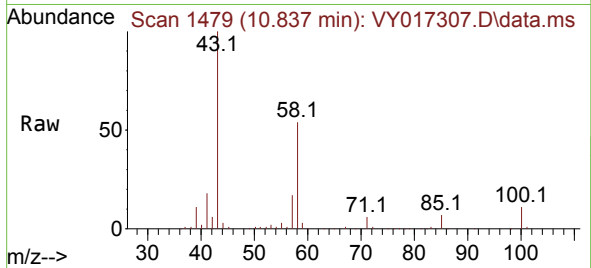




#59
2-Hexanone
Concen: 115.497 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

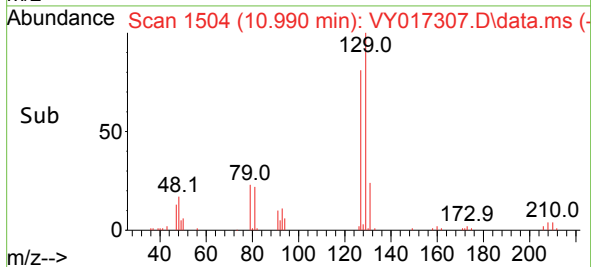
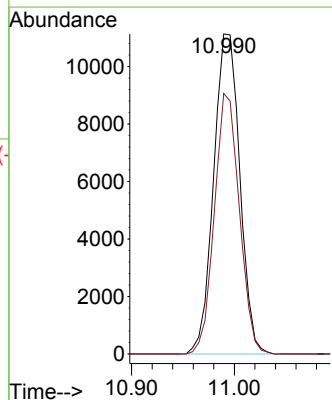
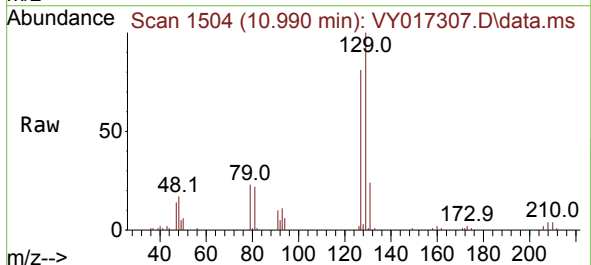
Instrument :
MSVOA_Y
ClientSampleId :

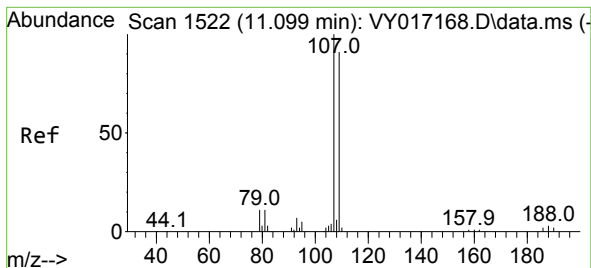
Tgt Ion: 43 Resp: 54186
Ion Ratio Lower Upper
43 100
58 55.0 28.1 84.3



#60
Dibromochloromethane
Concen: 22.085 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion:129 Resp: 19690
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

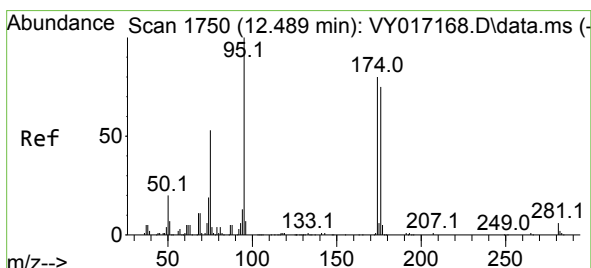
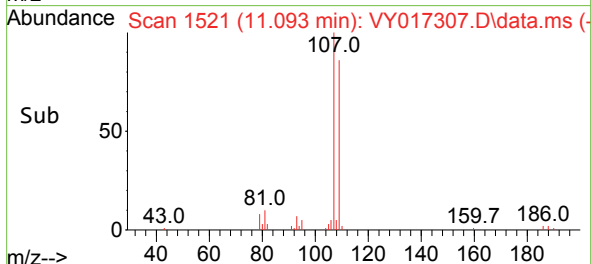
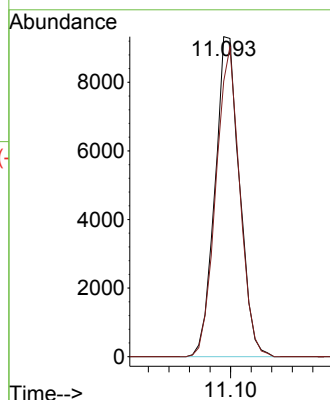
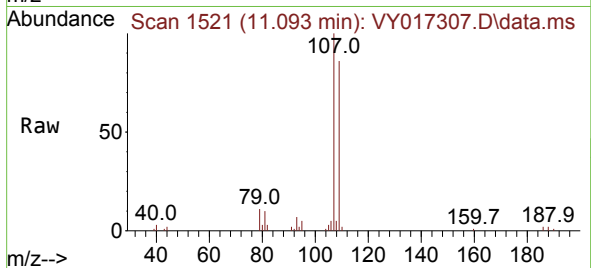




#61
1,2-Dibromoethane
Concen: 21.832 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

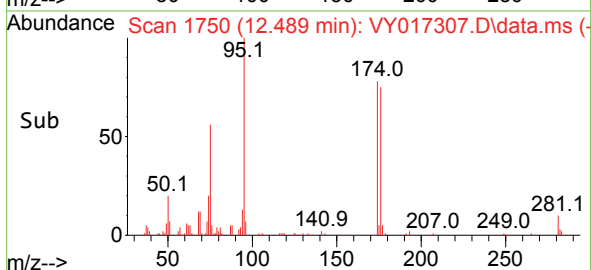
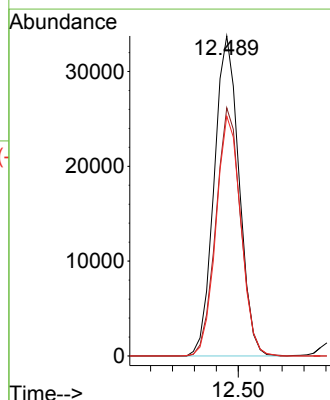
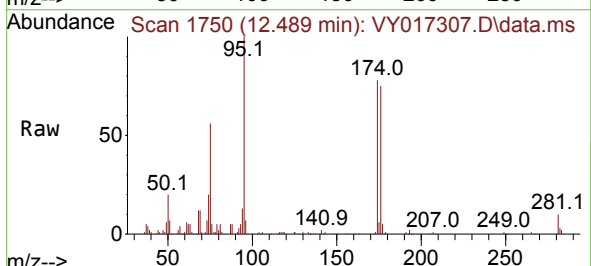
Instrument :
MSVOA_Y
ClientSampleId :

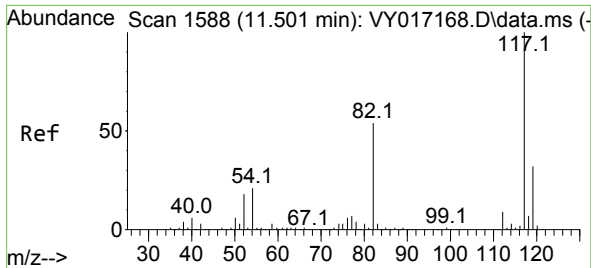
Tgt Ion:107 Resp: 15431
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.221 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 95 Resp: 53229
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.0
176 74.7 0.0 151.8

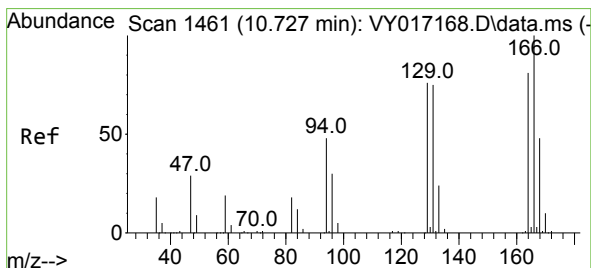
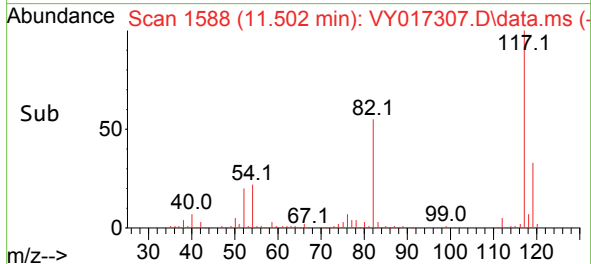
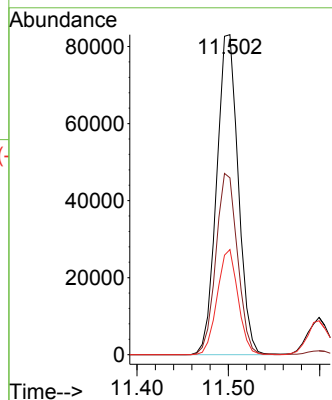
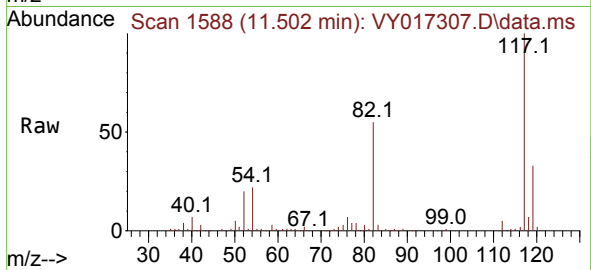




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

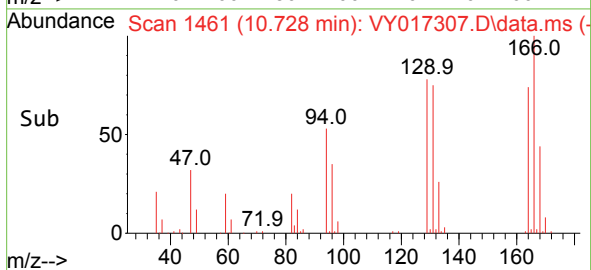
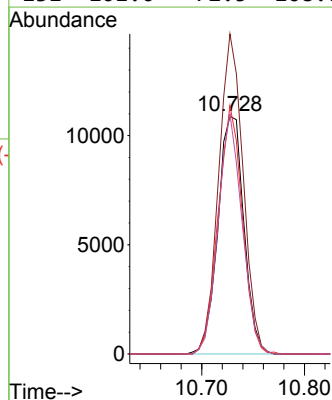
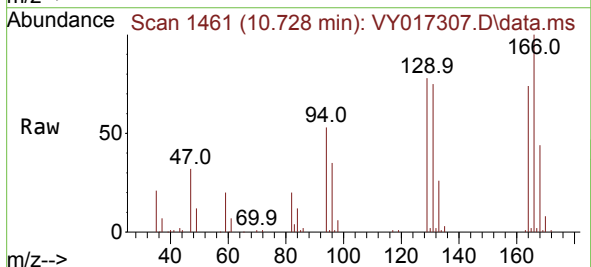
Instrument :
MSVOA_Y
ClientSampleId :

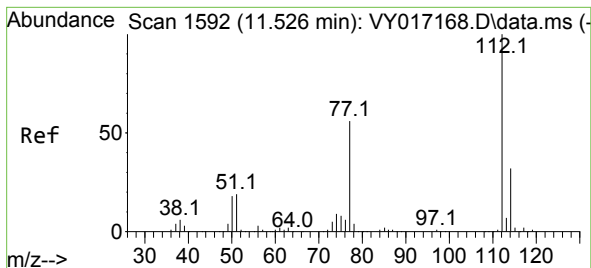
Tgt Ion:117 Resp: 136529
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.9 26.5 39.7



#64
Tetrachloroethene
Concen: 21.475 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion:164 Resp: 19042
Ion Ratio Lower Upper
164 100
166 134.6 98.8 148.2
129 104.4 78.9 118.3
131 101.0 72.5 108.7





#65

Chlorobenzene

Concen: 22.026 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

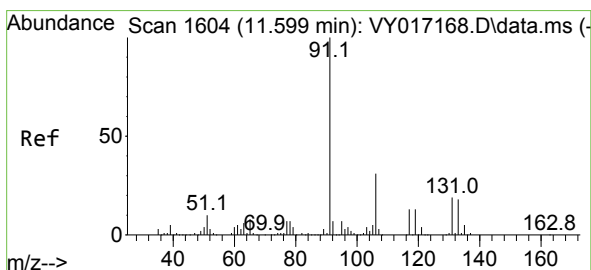
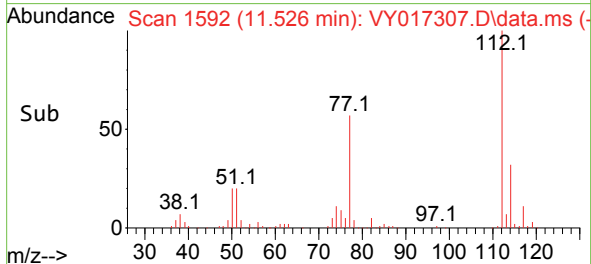
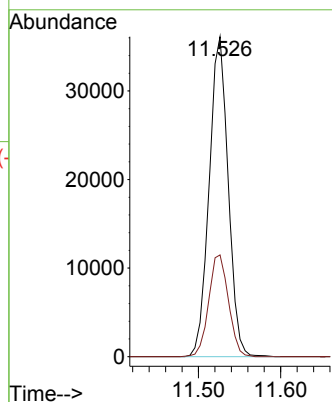
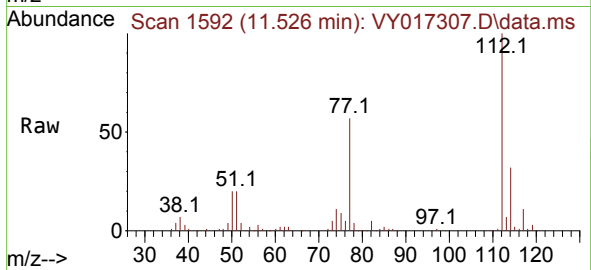
ClientSampleId :

Tgt Ion:112 Resp: 58011

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.272 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

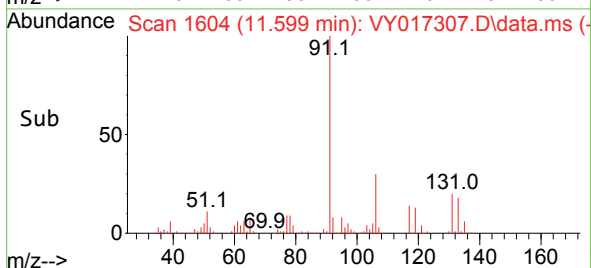
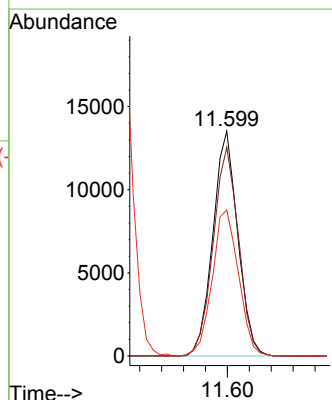
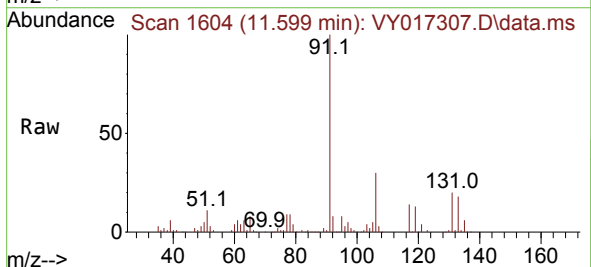
Tgt Ion:131 Resp: 21317

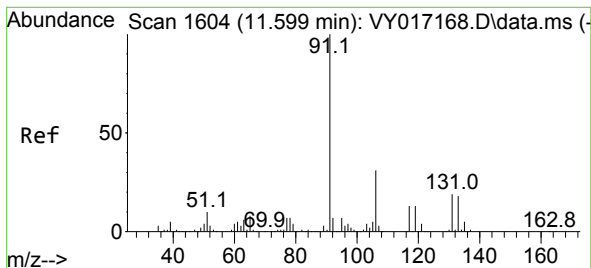
Ion Ratio Lower Upper

131 100

133 94.6 47.0 141.0

119 68.7 33.3 99.9





#67

Ethyl Benzene

Concen: 22.347 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

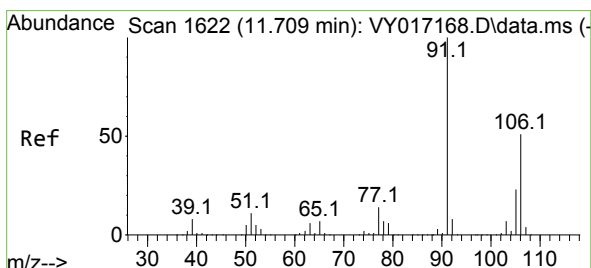
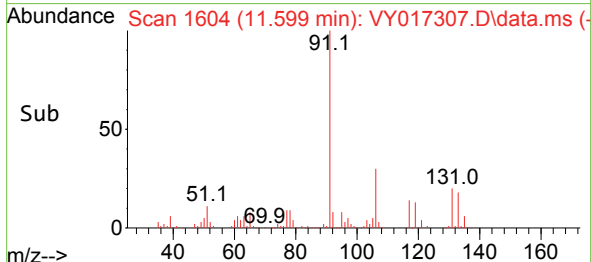
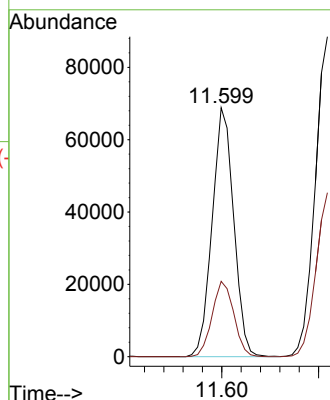
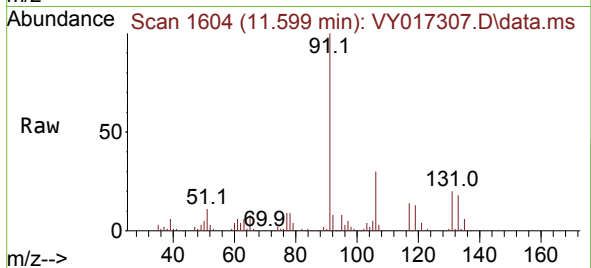
ClientSampleId :

Tgt Ion: 91 Resp: 106369

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 45.136 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017307.D

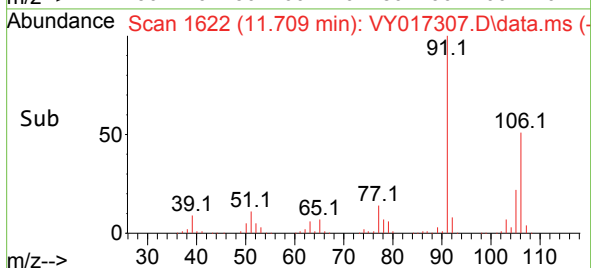
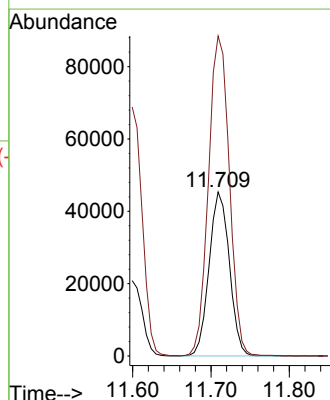
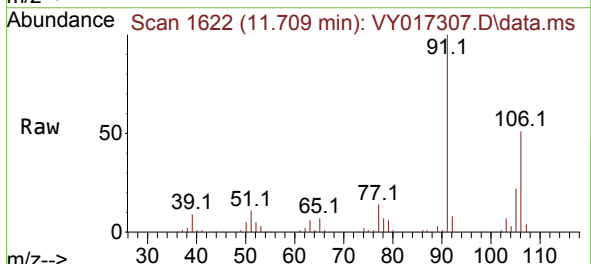
Acq: 08 Feb 2024 13:00

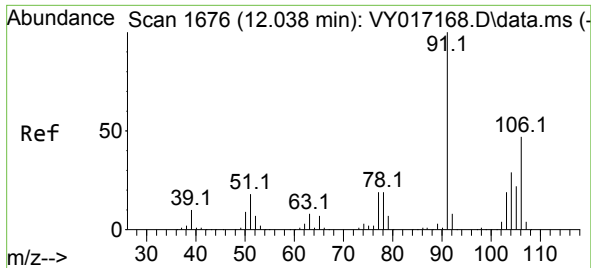
Tgt Ion:106 Resp: 81533

Ion Ratio Lower Upper

106 100

91 201.6 160.7 241.1

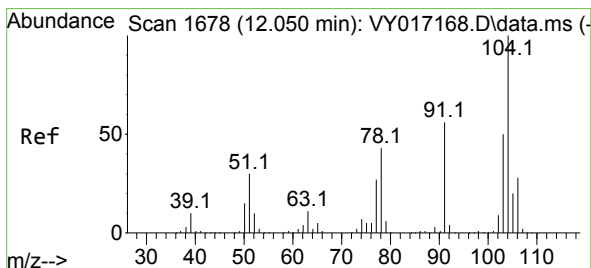
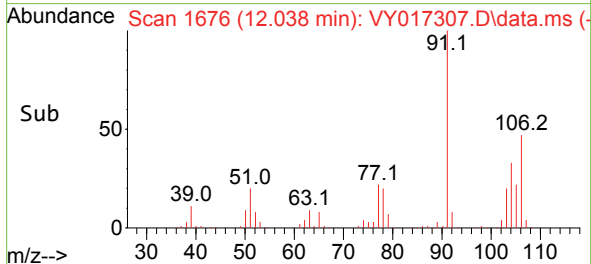
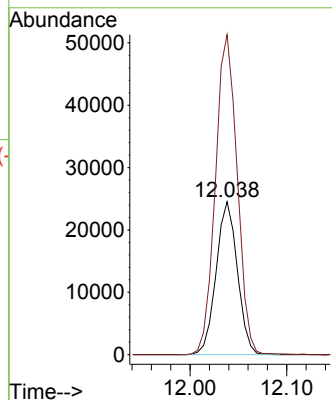
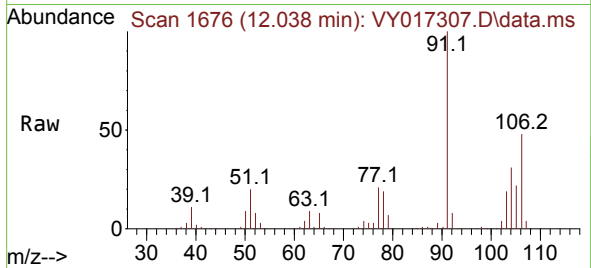




#69
o-Xylene
Concen: 22.487 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

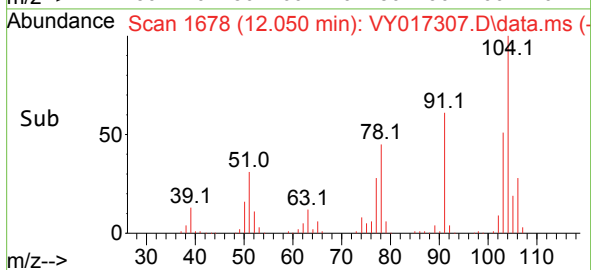
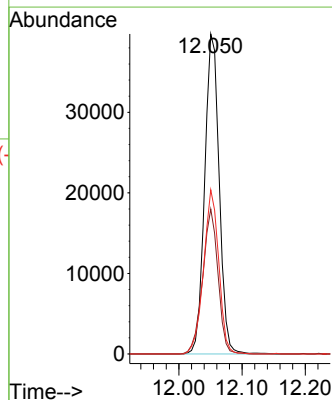
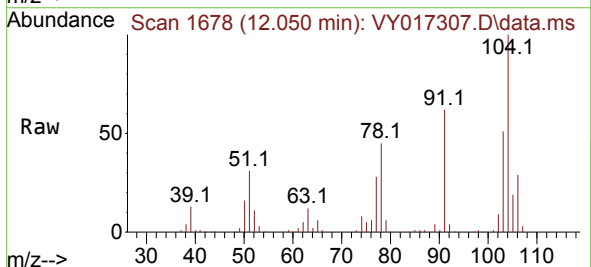
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 37407
Ion Ratio Lower Upper
106 100
91 215.0 106.5 319.5



#70
Styrene
Concen: 23.201 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion:104 Resp: 63590
Ion Ratio Lower Upper
104 100
78 47.8 39.2 58.8
103 53.6 43.8 65.6





#71

Bromoform

Concen: 21.045 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

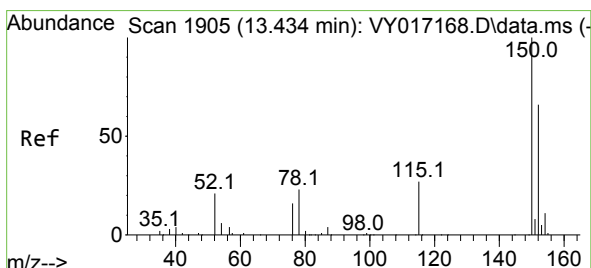
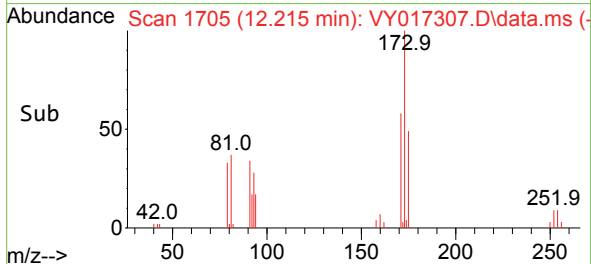
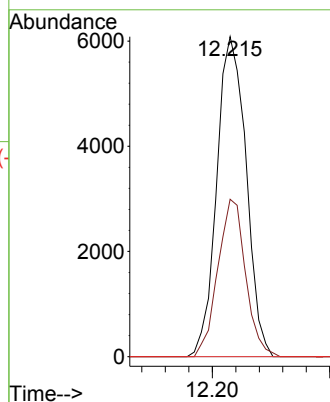
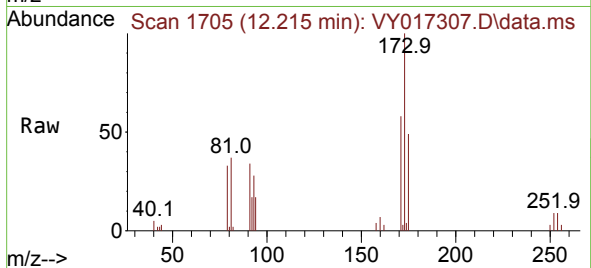
Tgt Ion:173 Resp: 10549

Ion Ratio Lower Upper

173 100

175 46.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

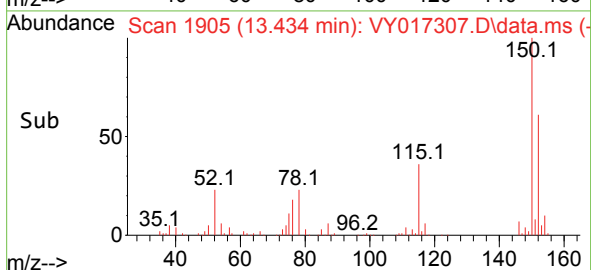
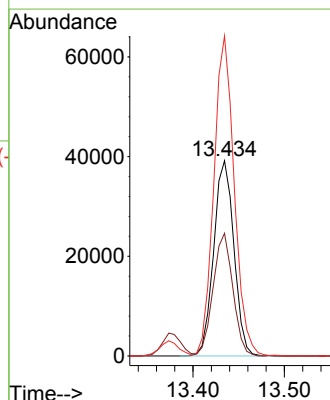
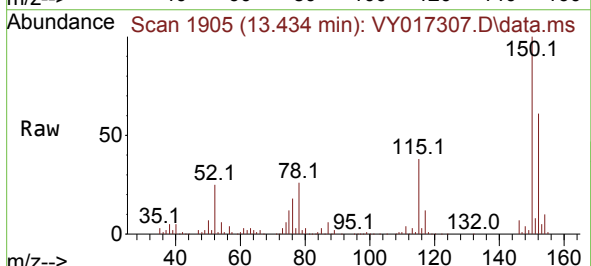
Tgt Ion:152 Resp: 60112

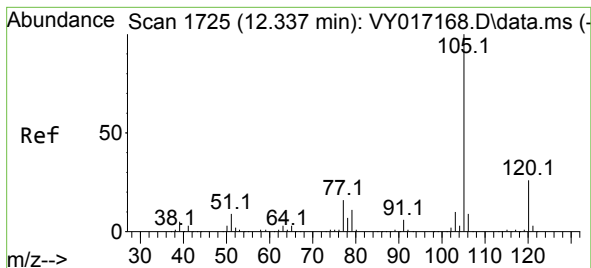
Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 165.7 0.0 344.6





#73

Isopropylbenzene

Concen: 22.650 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

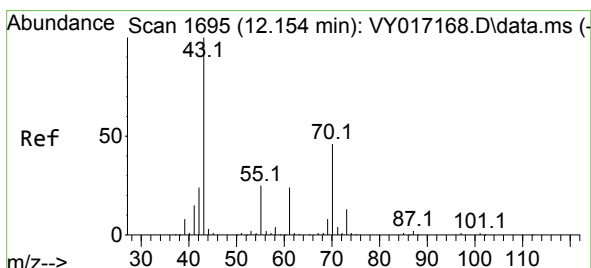
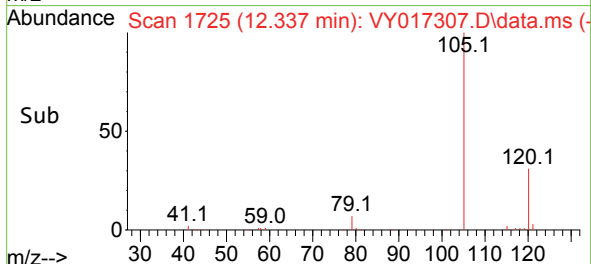
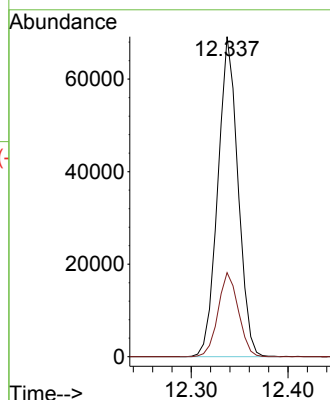
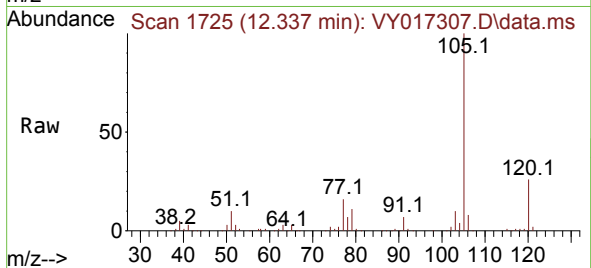
ClientSampleId :

Tgt Ion:105 Resp: 100023

Ion Ratio Lower Upper

105 100

120 26.4 13.0 39.0



#74

N-ethyl acetate

Concen: 23.452 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Tgt Ion: 43 Resp: 23270

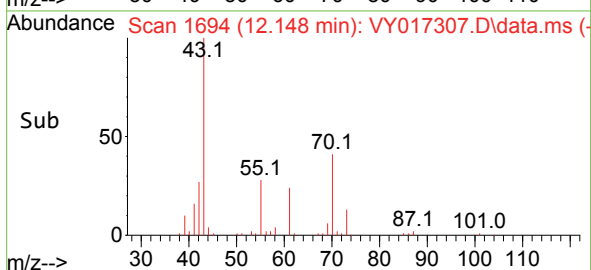
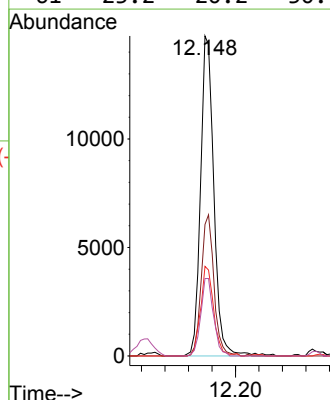
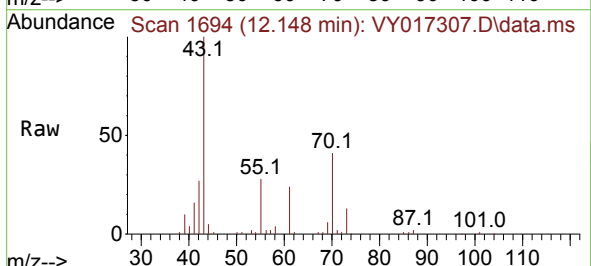
Ion Ratio Lower Upper

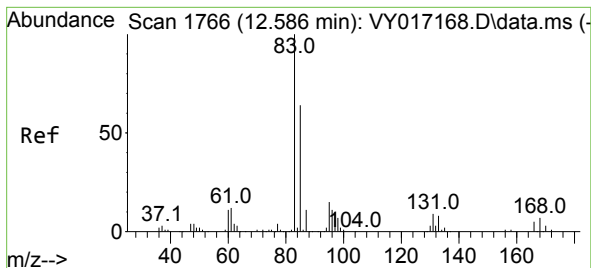
43 100

70 42.1 36.6 55.0

55 27.6 22.2 33.4

61 23.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.338 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

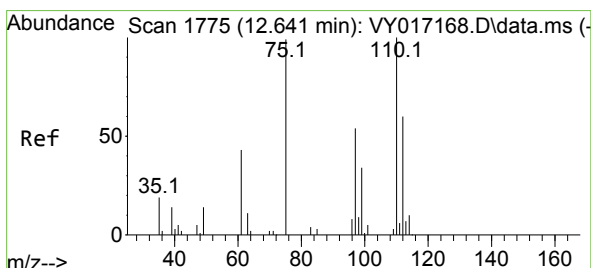
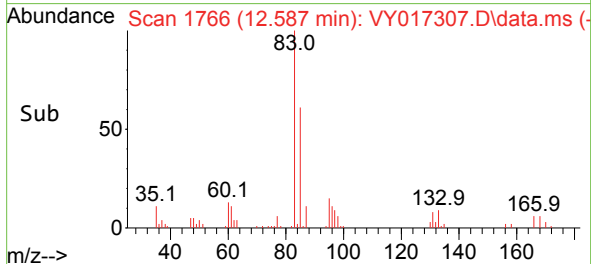
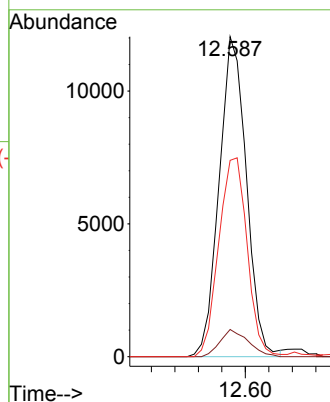
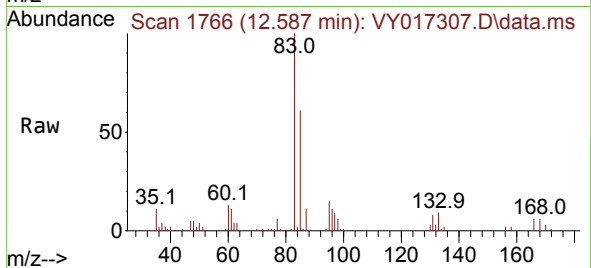
Tgt Ion: 83 Resp: 19402

Ion Ratio Lower Upper

83 100

131 8.8 4.9 14.6

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 43.037 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017307.D

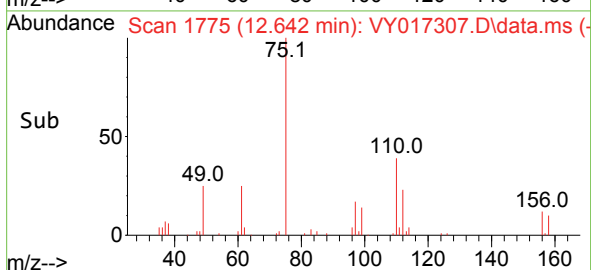
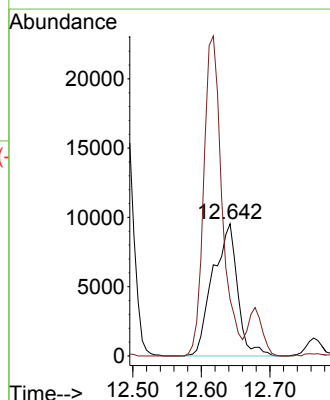
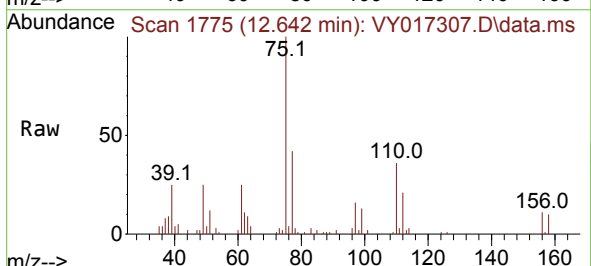
Acq: 08 Feb 2024 13:00

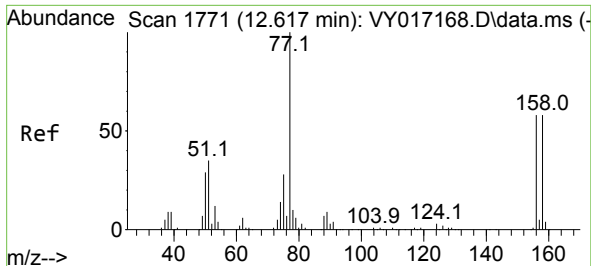
Tgt Ion: 75 Resp: 23878

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

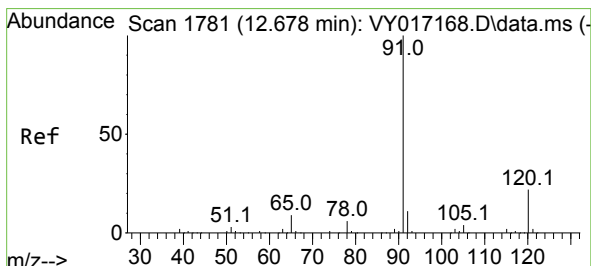
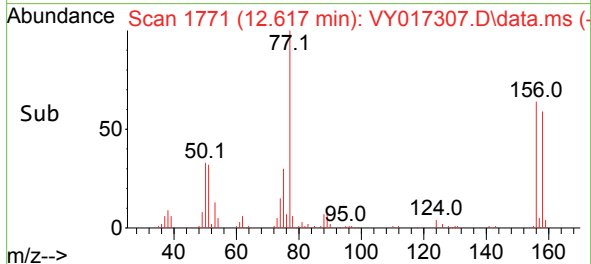
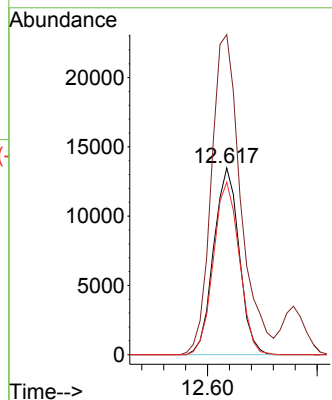
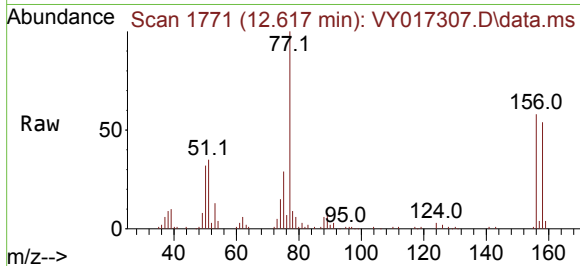




#77
Bromobenzene
Concen: 22.198 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

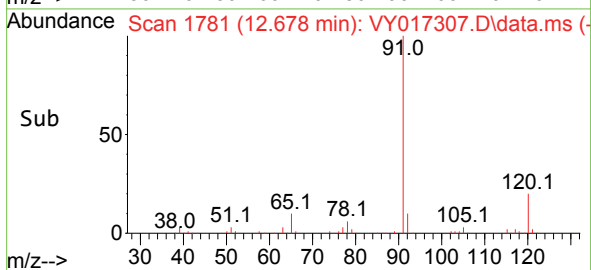
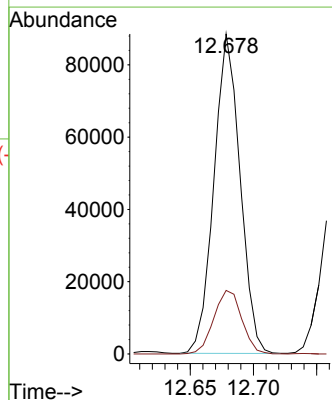
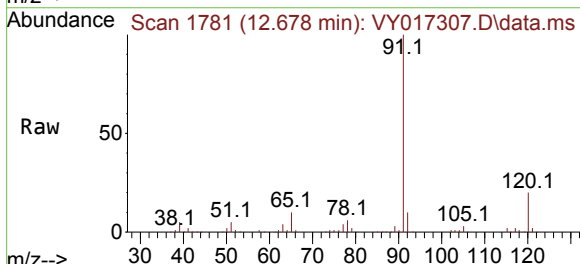
Instrument :
MSVOA_Y
ClientSampleId :

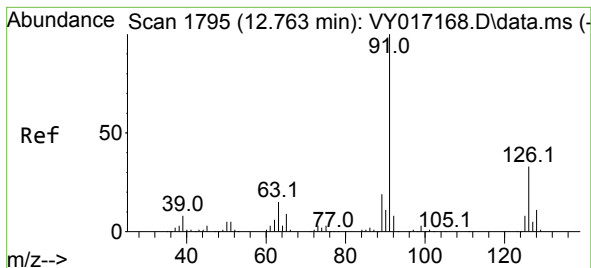
Tgt Ion:156 Resp: 21744
Ion Ratio Lower Upper
156 100
77 198.1 97.3 291.8
158 93.9 48.4 145.0



#78
n-propylbenzene
Concen: 23.399 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 91 Resp: 126911
Ion Ratio Lower Upper
91 100
120 21.3 11.0 33.0

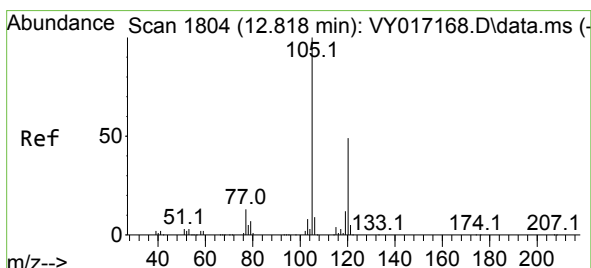
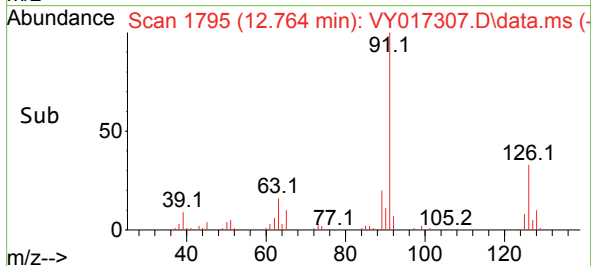
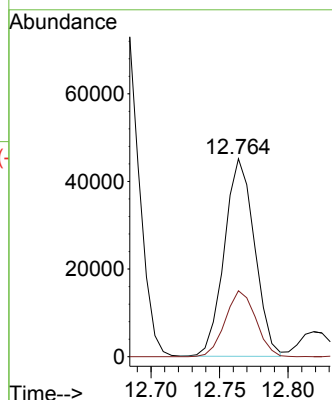
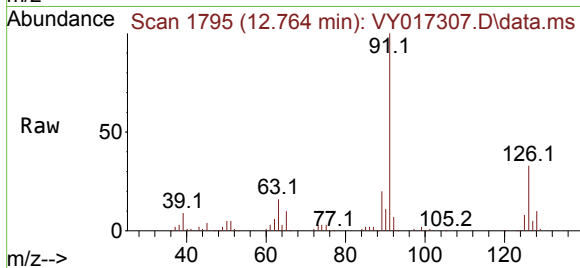




#79
2-Chlorotoluene
Concen: 23.262 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

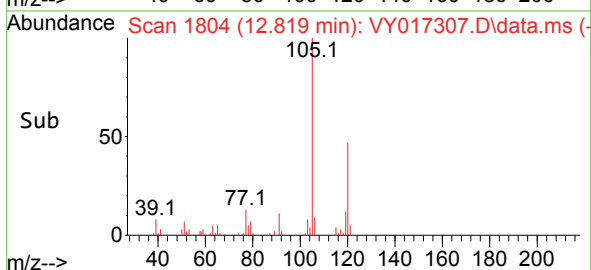
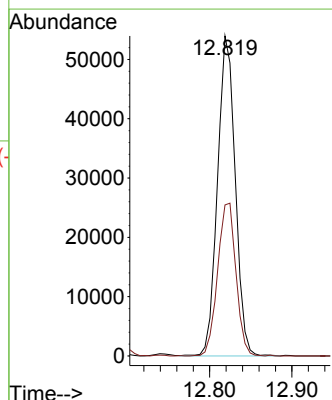
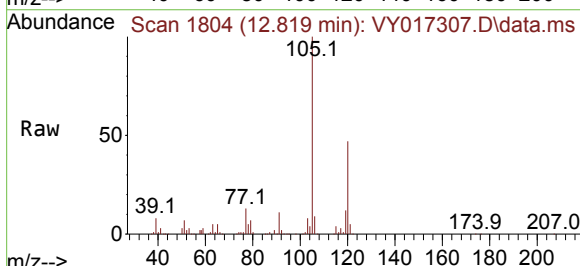
Instrument :
MSVOA_Y
ClientSampleId :

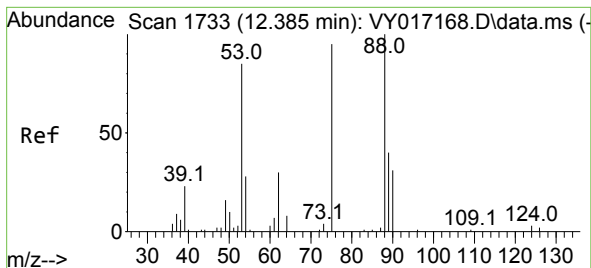
Tgt Ion: 91 Resp: 69363
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 23.038 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 105 Resp: 80913
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

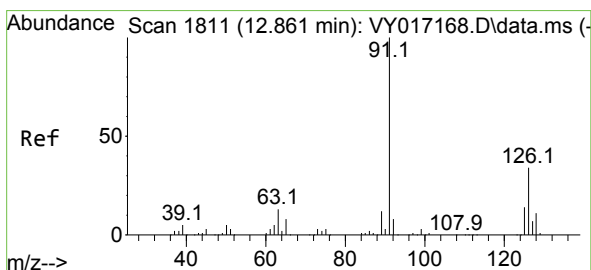
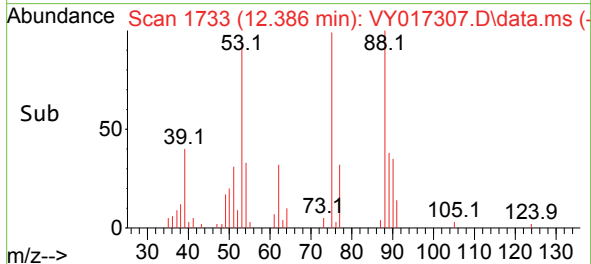
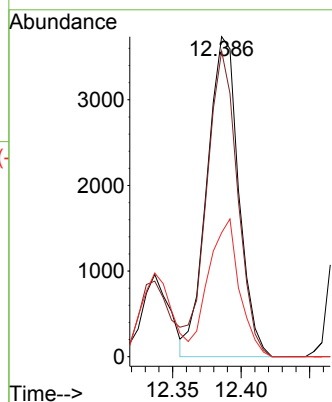
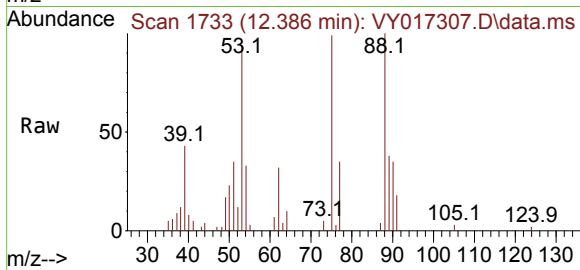




#81
trans-1,4-Dichloro-2-butene
Concen: 22.474 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

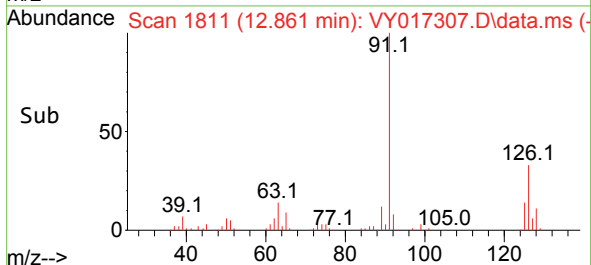
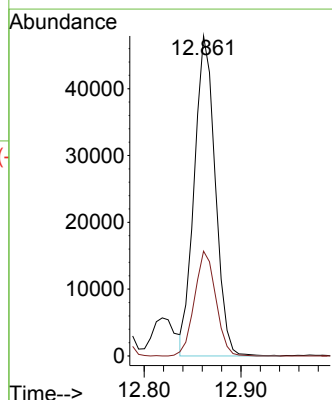
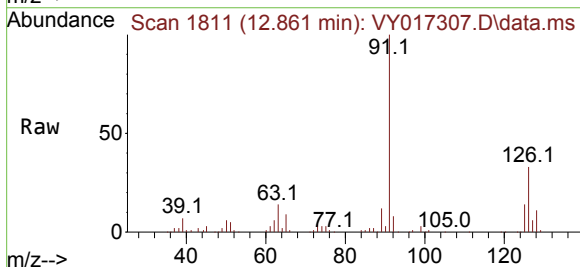
Instrument :
MSVOA_Y
ClientSampleId :

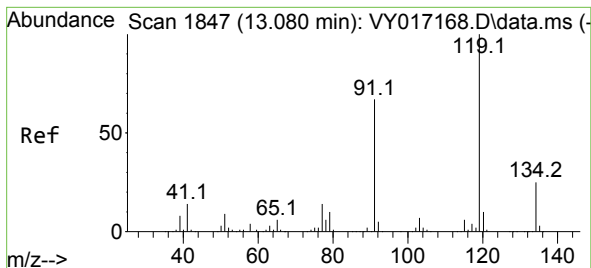
Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
53 93.4 74.0 111.0
89 42.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 23.475 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017307.D
Acq: 08 Feb 2024 13:00

Tgt Ion: 91 Resp: 72041
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.844 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

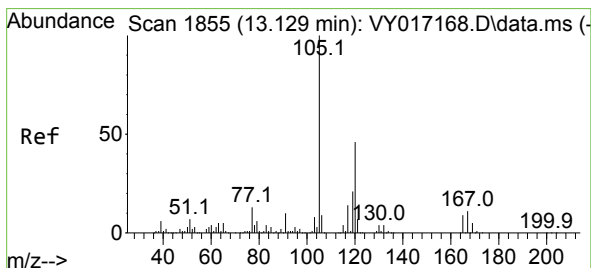
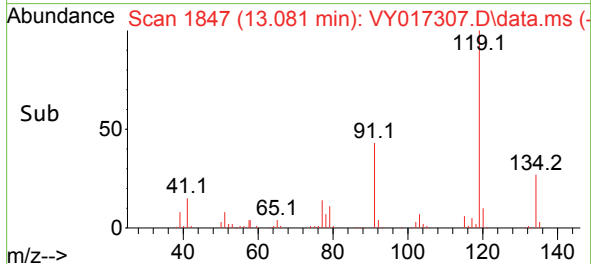
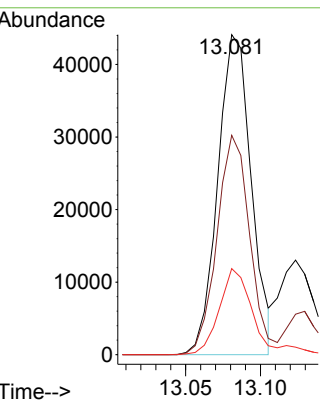
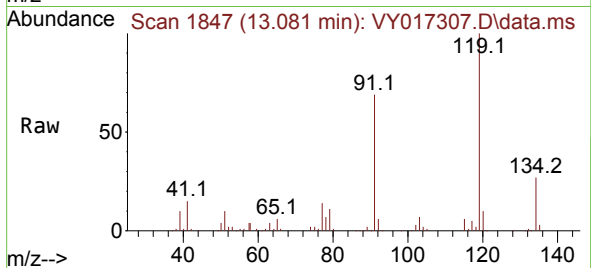
Tgt Ion:119 Resp: 68772

Ion Ratio Lower Upper

119 100

91 67.1 31.5 94.5

134 27.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 23.411 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017307.D

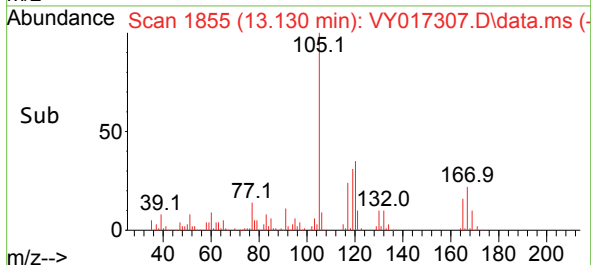
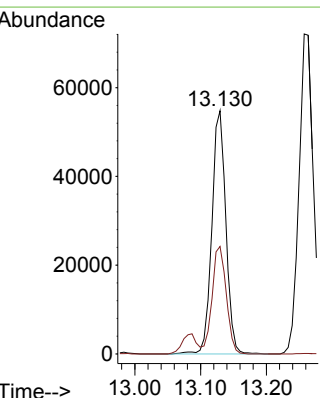
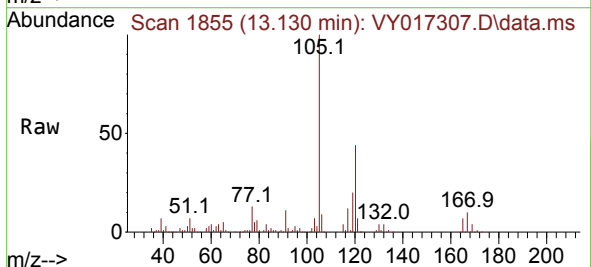
Acq: 08 Feb 2024 13:00

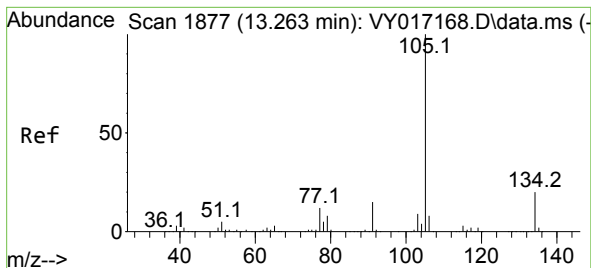
Tgt Ion:105 Resp: 81158

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 23.076 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

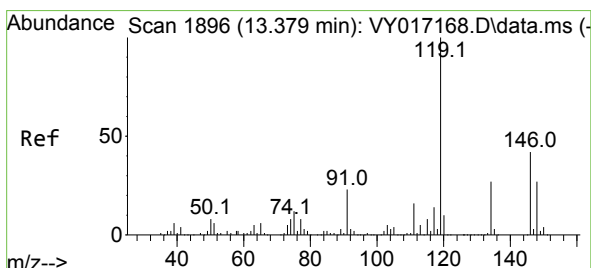
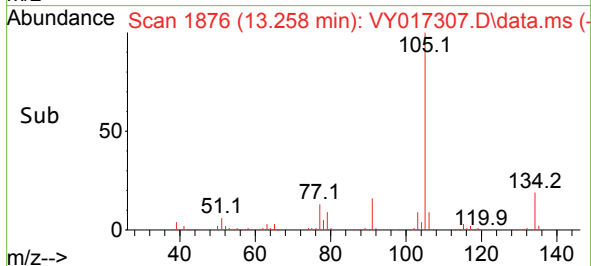
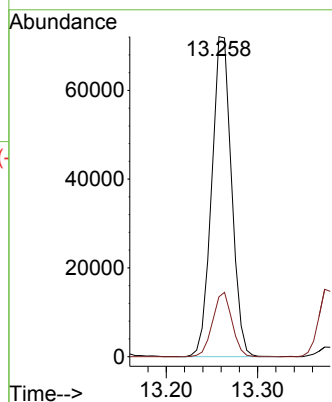
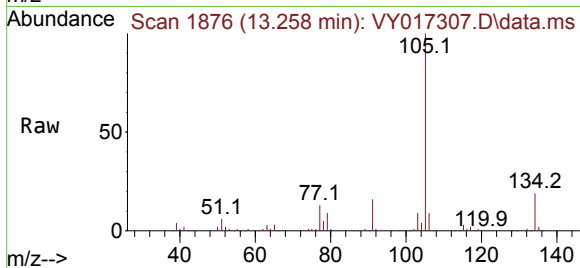
ClientSampleId :

Tgt Ion:105 Resp: 108578

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.935 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

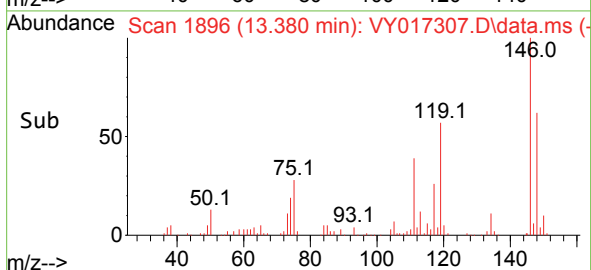
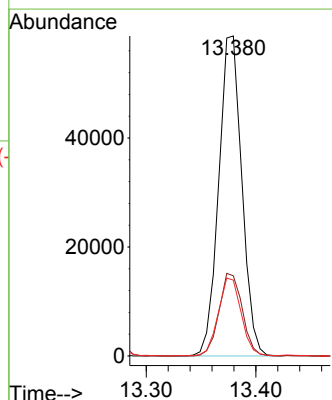
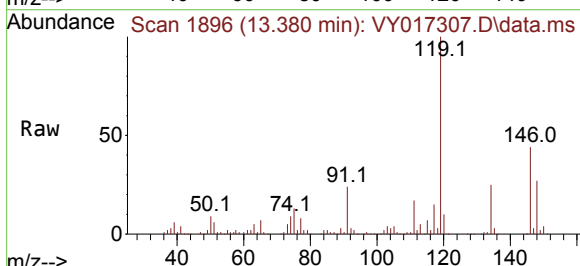
Tgt Ion:119 Resp: 86237

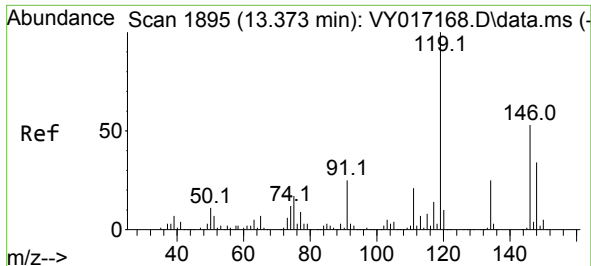
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 24.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.627 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

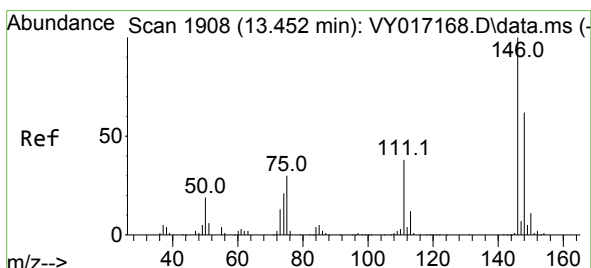
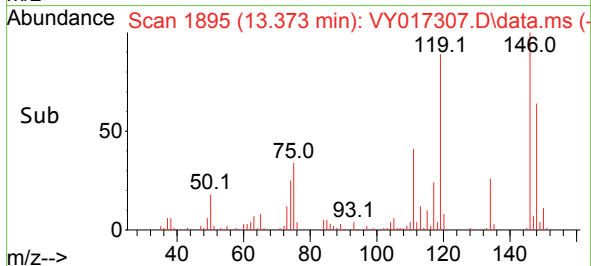
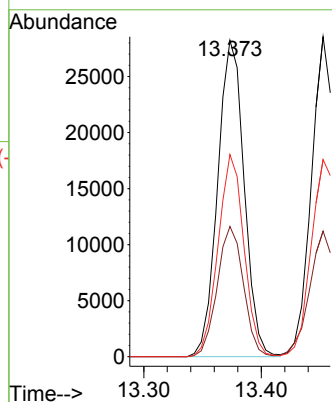
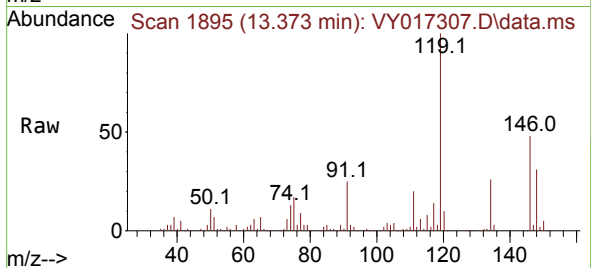
Tgt Ion:146 Resp: 44215

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 62.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.564 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

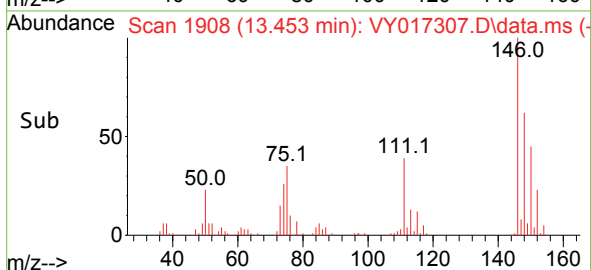
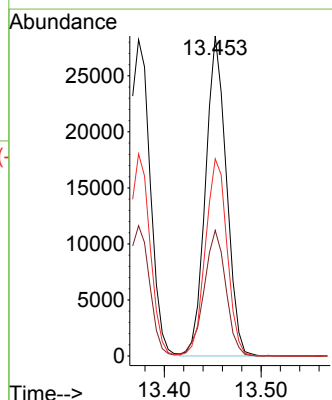
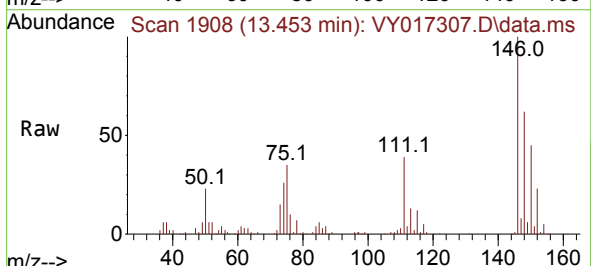
Tgt Ion:146 Resp: 42836

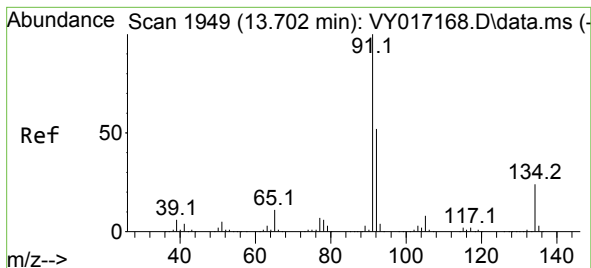
Ion Ratio Lower Upper

146 100

111 41.1 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 23.291 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017307.D

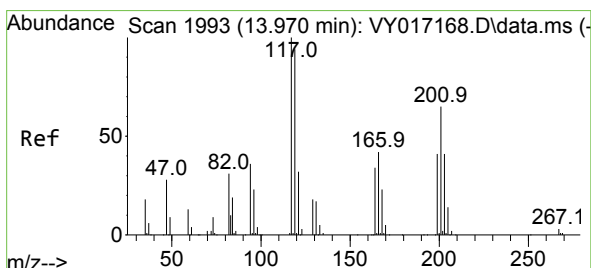
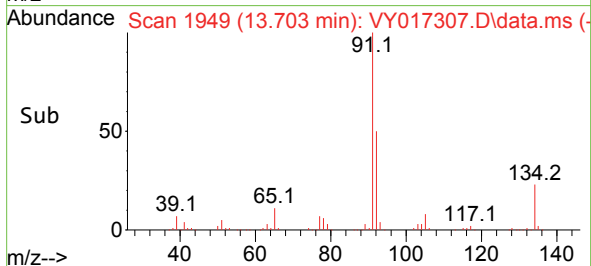
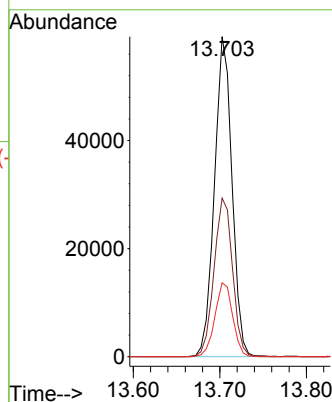
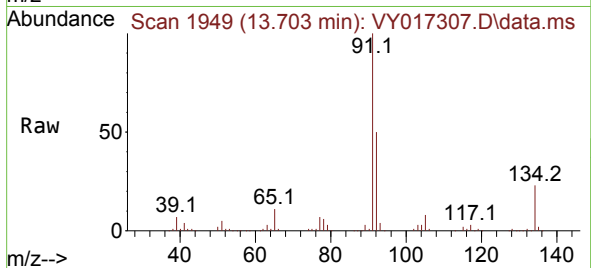
Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 83264
Ion Ratio	Lower Upper
91	100
92	52.2 26.4 79.2
134	23.4 12.3 36.8



#90

Hexachloroethane

Concen: 22.890 ug/l

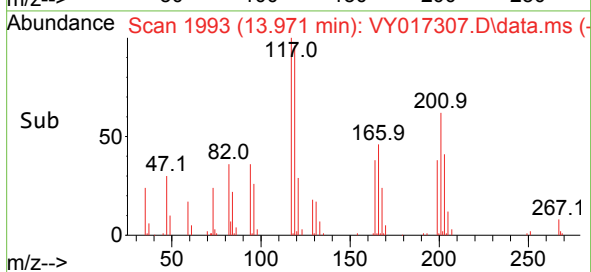
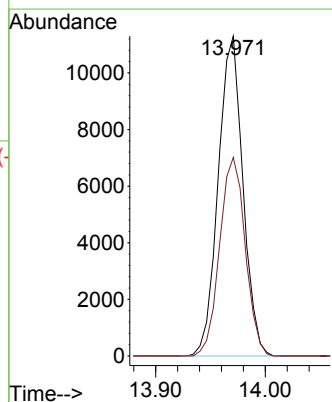
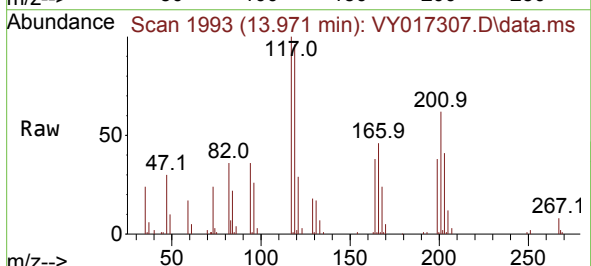
RT: 13.971 min Scan# 1993

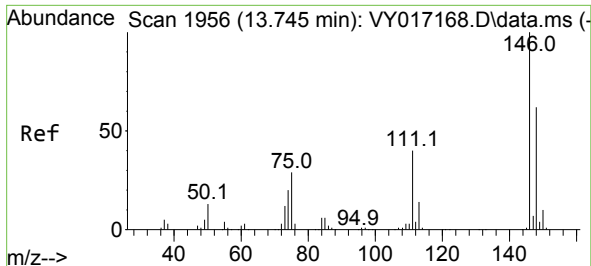
Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Tgt Ion: 117	Resp: 17669
Ion Ratio	Lower Upper
117	100
201	64.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 22.974 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

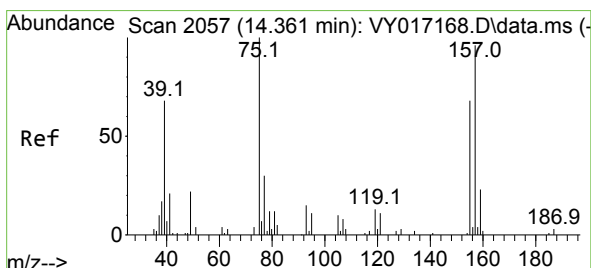
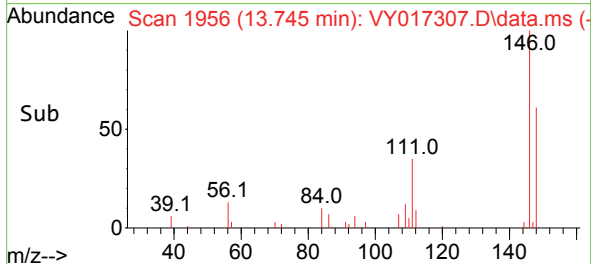
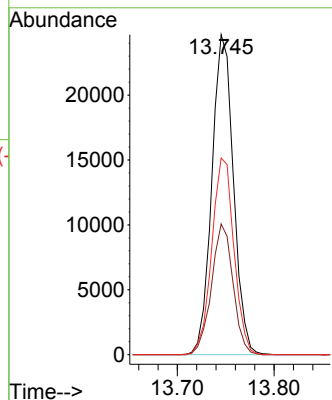
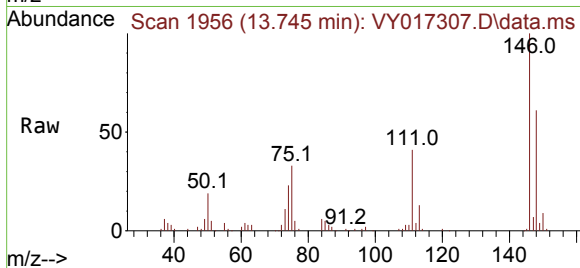
Tgt Ion:146 Resp: 38218

Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

148 63.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.515 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

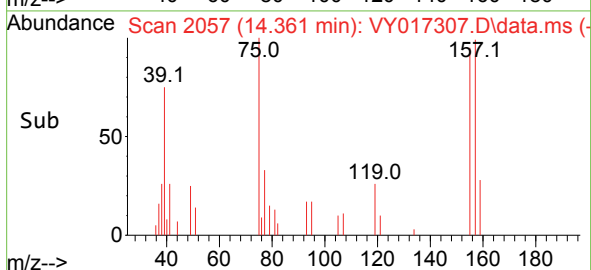
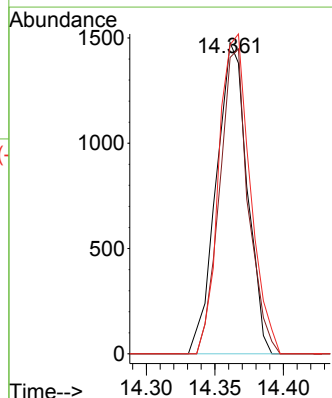
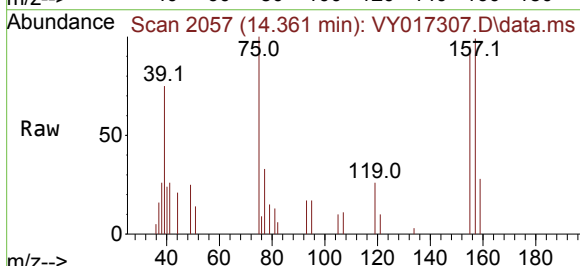
Tgt Ion: 75 Resp: 2321

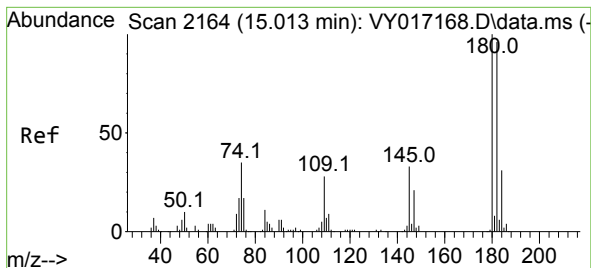
Ion Ratio Lower Upper

75 100

155 90.8 42.1 126.3

157 104.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.068 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

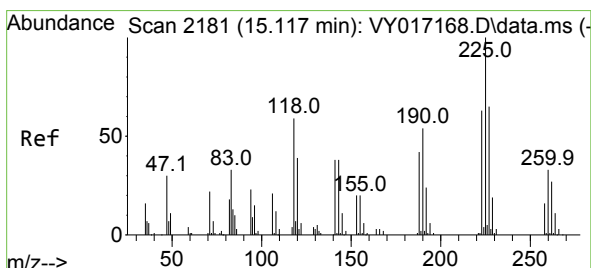
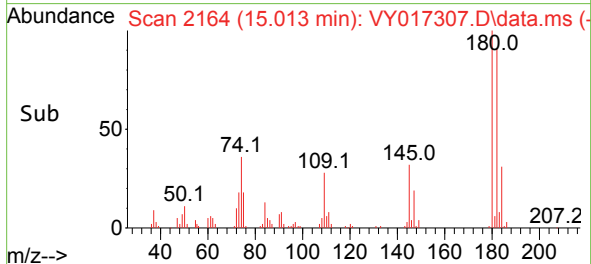
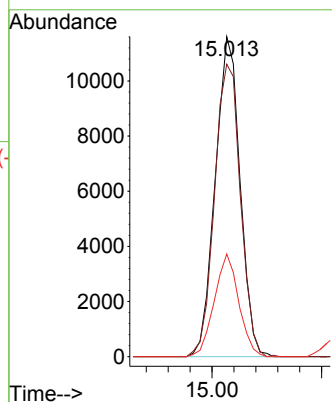
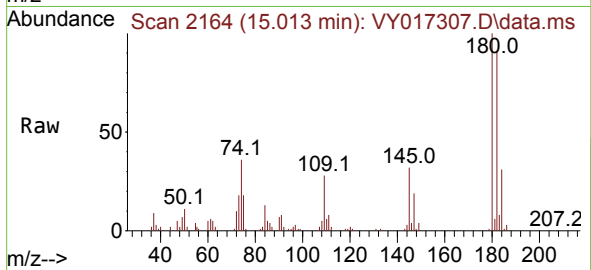
Tgt Ion:180 Resp: 18235

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.363 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

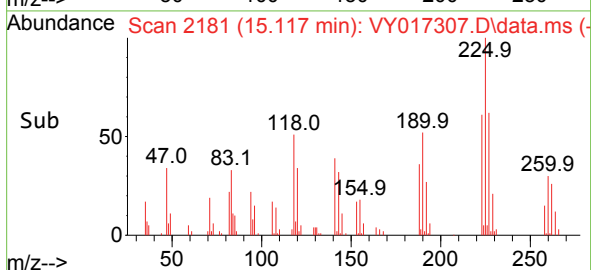
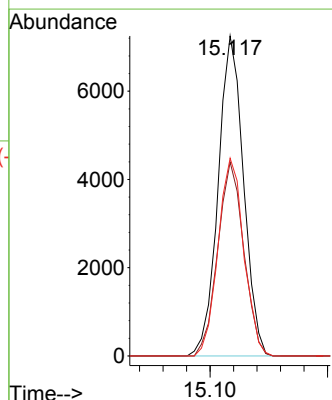
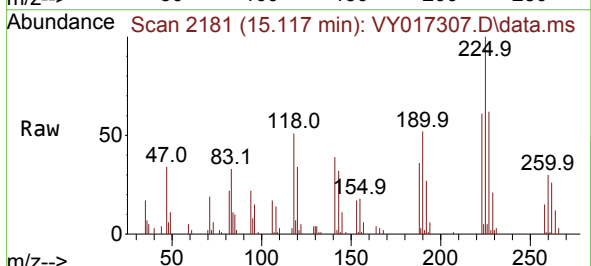
Tgt Ion:225 Resp: 10883

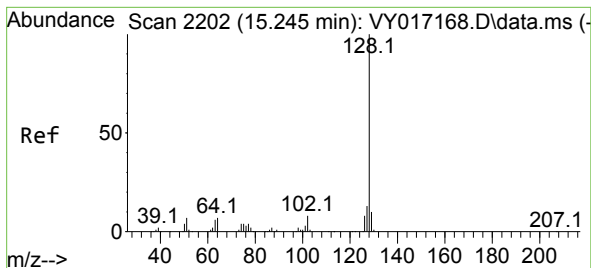
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 62.6 32.3 96.8





#95

Naphthalene

Concen: 21.652 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017307.D

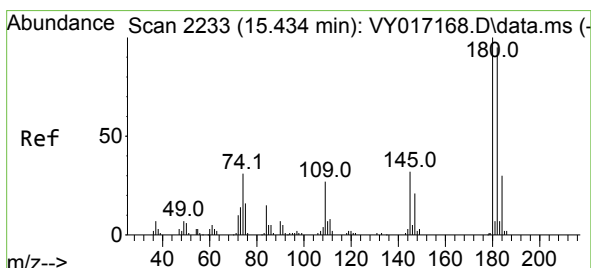
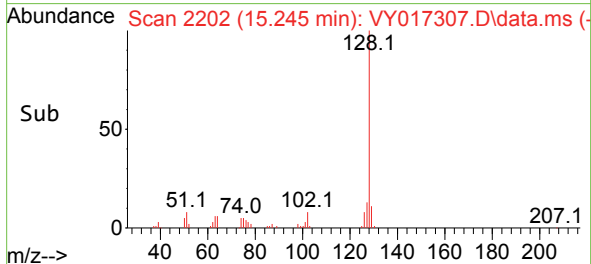
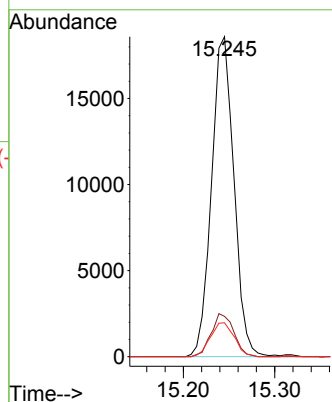
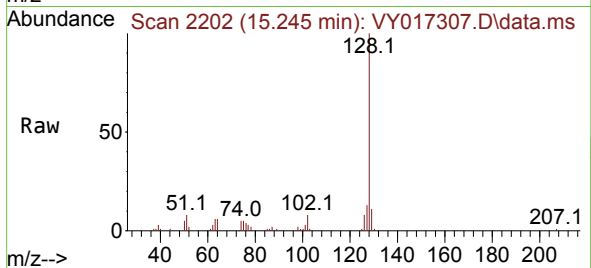
Acq: 08 Feb 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	31638
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.2 15.4
129	11.3	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.902 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017307.D

Acq: 08 Feb 2024 13:00

Tgt Ion:180	Resp:	15392
Ion Ratio	Lower	Upper
180	100	
182	95.7	46.3 138.8
145	33.3	16.1 48.2

