

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017032.D
 Acq On : 18 Jan 2024 11:59
 Operator : SY/MD
 Sample : VY0118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	143389	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	238968	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	202063	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	87126	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68030	48.003	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.752	113	75844	49.806	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.209	98	256418	48.900	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.508	95	87173	49.273	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	20186	16.667	ug/l	99
3) Chloromethane	2.138	50	28757	17.072	ug/l	98
4) Vinyl Chloride	2.278	62	35640	17.938	ug/l	99
5) Bromomethane	2.674	94	27442	19.279	ug/l	93
6) Chloroethane	2.820	64	24818	18.466	ug/l	94
7) Trichlorofluoromethane	3.156	101	49129	20.068	ug/l	96
8) Diethyl Ether	3.558	74	16071	20.542	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.936	101	32910	20.675	ug/l	99
10) Methyl Iodide	4.131	142	24993	18.456	ug/l	98
11) Tert butyl alcohol	5.003	59	14153	120.013	ug/l #	87
12) 1,1-Dichloroethene	3.912	96	26236	19.210	ug/l	97
13) Acrolein	3.765	56	15201	93.432	ug/l	99
14) Allyl chloride	4.515	41	41250	19.106	ug/l	97
15) Acrylonitrile	5.204	53	40064	109.481	ug/l	100
16) Acetone	3.979	43	50974	134.816	ug/l	95
17) Carbon Disulfide	4.235	76	48112	14.743	ug/l	99
18) Methyl Acetate	4.521	43	28946	19.064	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	78222	22.015	ug/l	99
20) Methylene Chloride	4.759	84	38046	15.432	ug/l	95
21) trans-1,2-Dichloroethene	5.265	96	29725	19.004	ug/l	93
22) Diisopropyl ether	6.155	45	107866	21.610	ug/l	97
23) Vinyl Acetate	6.100	43	256891	112.242	ug/l	98
24) 1,1-Dichloroethane	6.064	63	62303	20.771	ug/l	99
25) 2-Butanone	7.021	43	63242	125.953	ug/l	96
26) 2,2-Dichloropropane	7.015	77	54703	21.033	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	38062	20.758	ug/l	98
28) Bromochloromethane	7.368	49	23128	20.538	ug/l	98
29) Tetrahydrofuran	7.380	42	31053	108.260	ug/l	99
30) Chloroform	7.539	83	66950	21.659	ug/l	99
31) Cyclohexane	7.819	56	45032	18.514	ug/l	96
32) 1,1,1-Trichloroethane	7.734	97	55696	21.250	ug/l	99
36) 1,1-Dichloropropene	7.947	75	44517	20.059	ug/l	99
37) Ethyl Acetate	7.112	43	22243	22.055	ug/l	98
38) Carbon Tetrachloride	7.935	117	46807	20.759	ug/l	98
39) Methylcyclohexane	9.216	83	47117	18.886	ug/l	98
40) Benzene	8.191	78	134926	20.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017032.D
 Acq On : 18 Jan 2024 11:59
 Operator : SY/MD
 Sample : VY0118SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	11870	22.348	ug/l	90
42) 1,2-Dichloroethane	8.271	62	37671	21.315	ug/l	99
43) Isopropyl Acetate	8.301	43	42415	21.962	ug/l	99
44) Trichloroethene	8.972	130	34804	20.545	ug/l	97
45) 1,2-Dichloropropane	9.246	63	36135	21.069	ug/l	98
46) Dibromomethane	9.337	93	18246	20.860	ug/l	99
47) Bromodichloromethane	9.526	83	50658	21.567	ug/l	98
48) Methyl methacrylate	9.319	41	21721	20.840	ug/l	93
49) 1,4-Dioxane	9.331	88	4203	464.071	ug/l	95
51) 4-Methyl-2-Pentanone	10.093	43	116099	113.036	ug/l	99
52) Toluene	10.270	92	84178	20.952	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	44152	20.986	ug/l	94
54) cis-1,3-Dichloropropene	9.953	75	54017	21.379	ug/l	98
55) 1,1,2-Trichloroethane	10.673	97	28567	22.355	ug/l	98
56) Ethyl methacrylate	10.532	69	23364	21.586	ug/l	99
57) 1,3-Dichloropropane	10.819	76	46187	21.648	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	55081	92.669	ug/l	100
59) 2-Hexanone	10.855	43	91313	120.739	ug/l	100
60) Dibromochloromethane	11.008	129	32545	22.085	ug/l	99
61) 1,2-Dibromoethane	11.118	107	24072	21.682	ug/l	99
64) Tetrachloroethene	10.746	164	26976	20.592	ug/l	96
65) Chlorobenzene	11.544	112	91423	21.719	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.618	131	34844	21.776	ug/l	97
67) Ethyl Benzene	11.618	91	162146	21.396	ug/l	98
68) m/p-Xylenes	11.727	106	119425	42.933	ug/l	99
69) o-Xylene	12.057	106	56286	21.584	ug/l	98
70) Styrene	12.069	104	83625	22.033	ug/l	99
71) Bromoform	12.233	173	17771	22.560	ug/l #	98
73) Isopropylbenzene	12.355	105	158042	22.213	ug/l	100
74) N-amyl acetate	12.166	43	32882	23.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	32655	22.526	ug/l	99
76) 1,2,3-Trichloropropane	12.660	75	37713	39.888	ug/l #	100
77) Bromobenzene	12.636	156	34107	21.773	ug/l	99
78) n-propylbenzene	12.697	91	189900	21.955	ug/l	99
79) 2-Chlorotoluene	12.782	91	102482	21.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	125294	22.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.404	75	8999	21.613	ug/l	98
82) 4-Chlorotoluene	12.880	91	109129	22.271	ug/l	99
83) tert-Butylbenzene	13.099	119	110082	22.211	ug/l	97
84) 1,2,4-Trimethylbenzene	13.148	105	123012	22.199	ug/l	99
85) sec-Butylbenzene	13.276	105	164503	22.401	ug/l	100
86) p-Isopropyltoluene	13.392	119	133543	22.034	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	66327	21.590	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	65395	21.763	ug/l	97
89) n-Butylbenzene	13.721	91	128712	22.088	ug/l	99
90) Hexachloroethane	13.989	117	28388	21.798	ug/l	100
91) 1,2-Dichlorobenzene	13.764	146	58541	22.050	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.385	75	4047	22.262	ug/l	95
93) 1,2,4-Trichlorobenzene	15.032	180	29876	22.661	ug/l	97
94) Hexachlorobutadiene	15.135	225	18201	22.038	ug/l	98
95) Naphthalene	15.263	128	52551	23.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	24602	21.977	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
Data File : VY017032.D
Acq On : 18 Jan 2024 11:59
Operator : SY/MD
Sample : VY0118SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

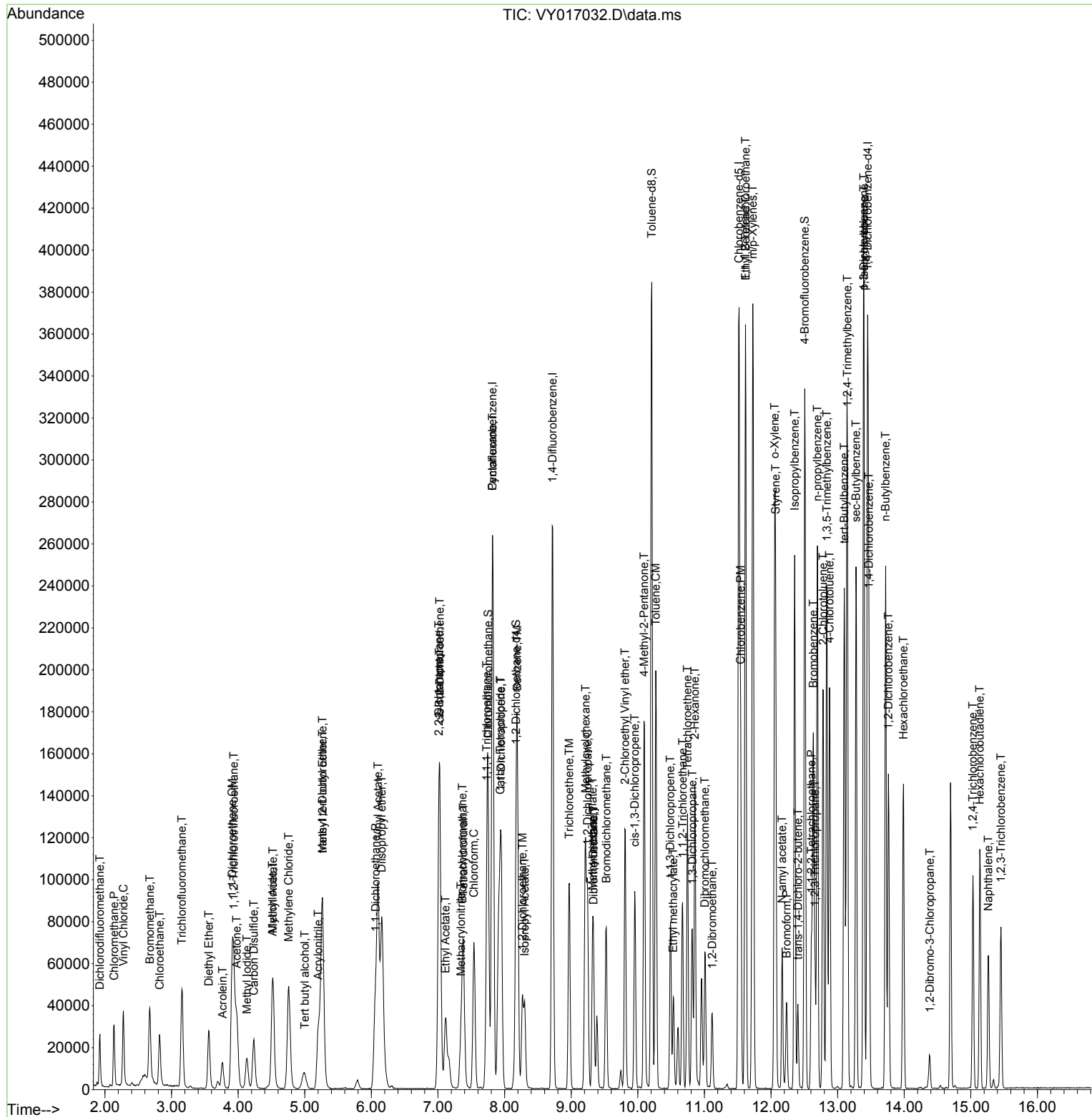
Quant Time: Jan 19 02:26:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

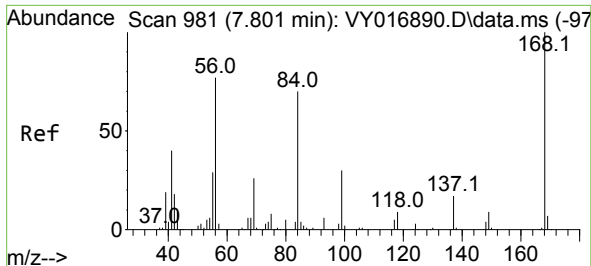
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_Y
ClientSampleId :

Instrument :
MSVOA_Y
ClientSampleId :

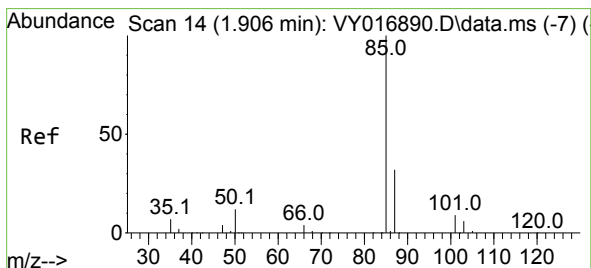
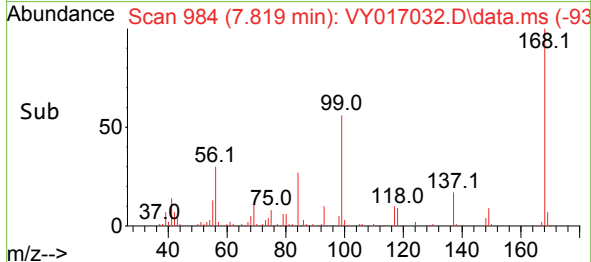
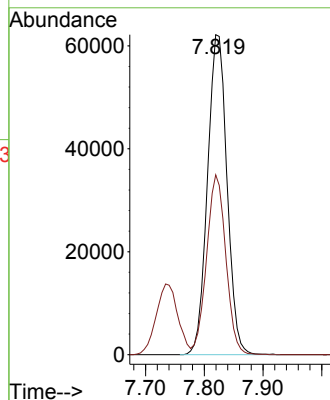
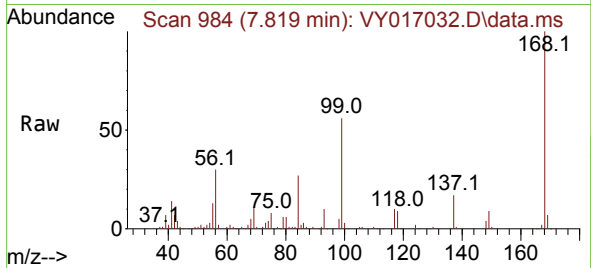




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

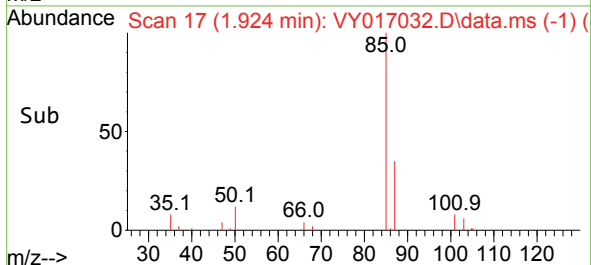
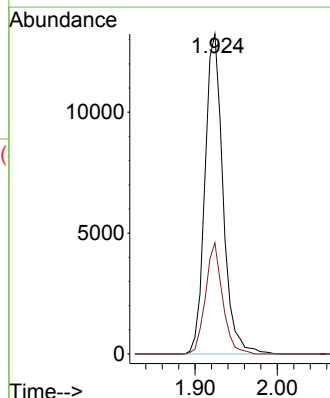
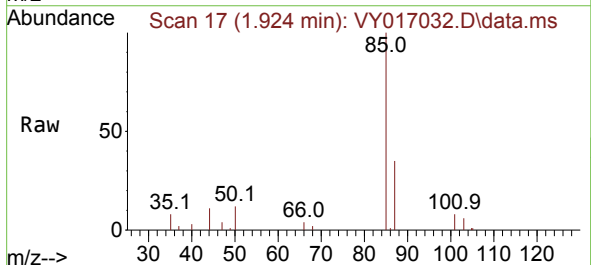
Instrument :
MSVOA_Y
ClientSampleId :

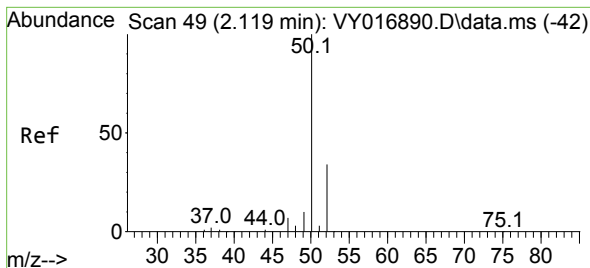
Tgt Ion:168 Resp: 143389
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.667 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 85 Resp: 20186
Ion Ratio Lower Upper
85 100
87 34.6 17.1 51.3





#3

Chloromethane

Concen: 17.072 ug/l

RT: 2.138 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

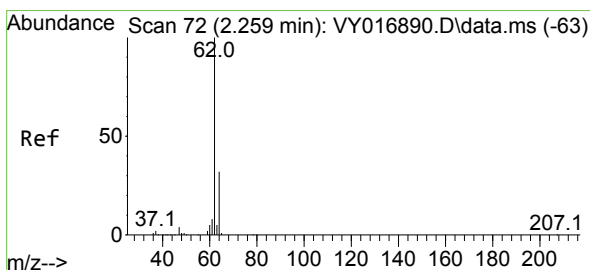
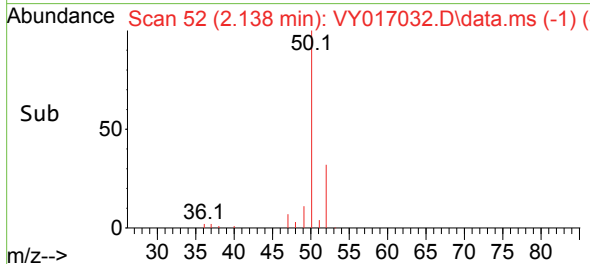
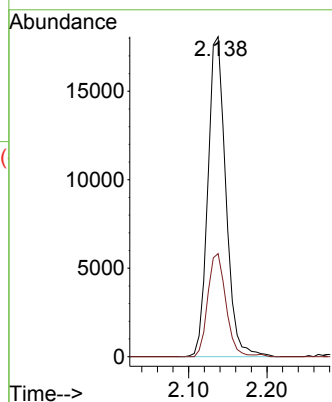
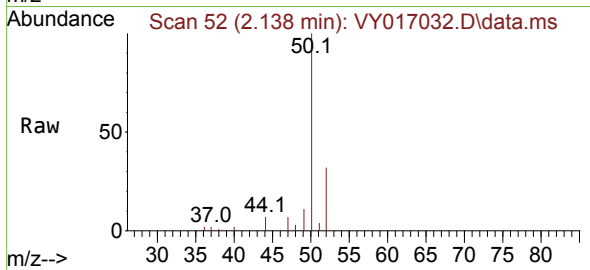
ClientSampleId :

Tgt Ion: 50 Resp: 28757

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 17.938 ug/l

RT: 2.278 min Scan# 75

Delta R.T. 0.019 min

Lab File: VY017032.D

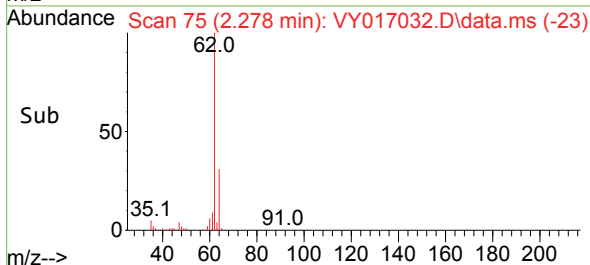
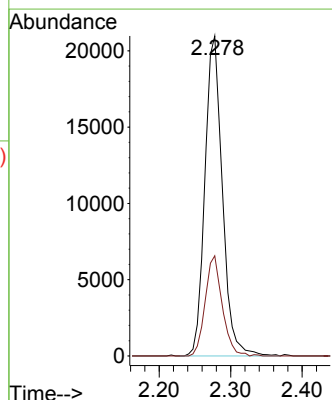
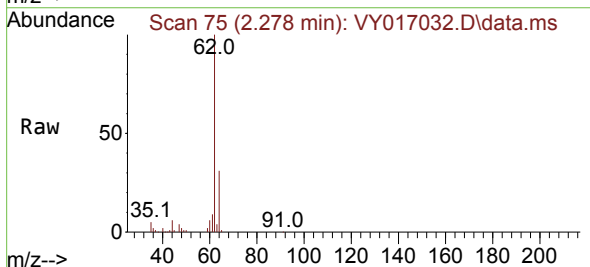
Acq: 18 Jan 2024 11:59

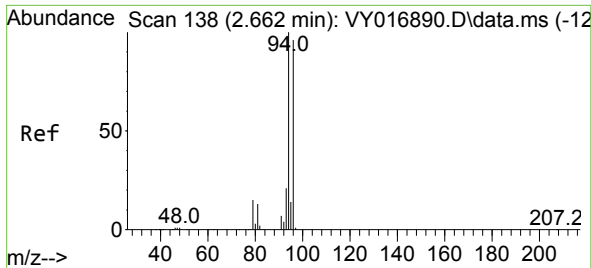
Tgt Ion: 62 Resp: 35640

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 19.279 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

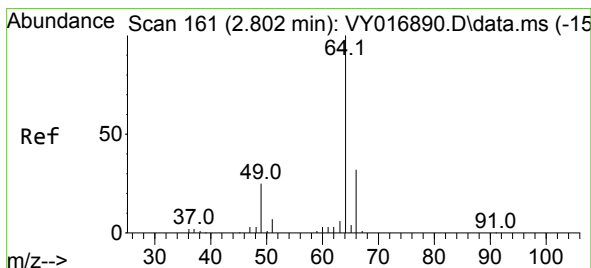
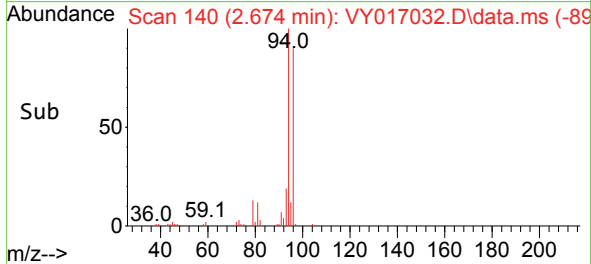
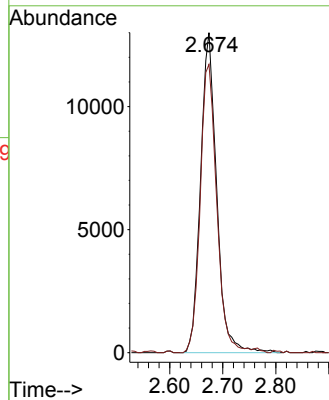
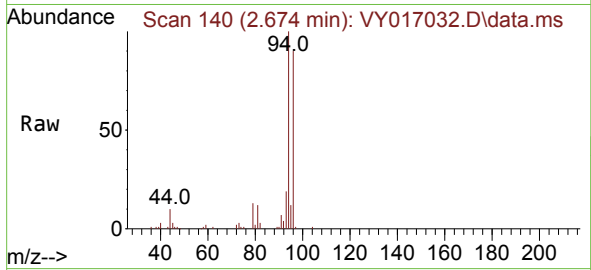
ClientSampleId :

Tgt Ion: 94 Resp: 27442

Ion Ratio Lower Upper

94 100

96 90.1 77.3 115.9



#6

Chloroethane

Concen: 18.466 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017032.D

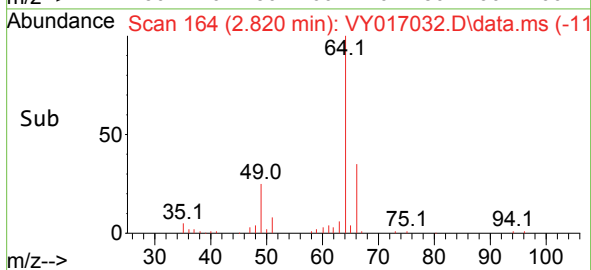
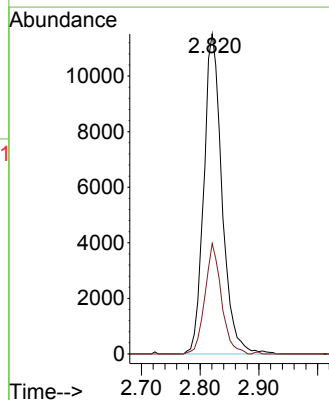
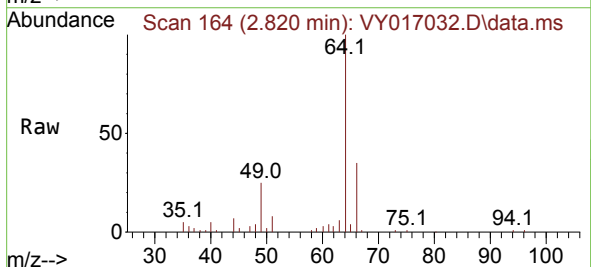
Acq: 18 Jan 2024 11:59

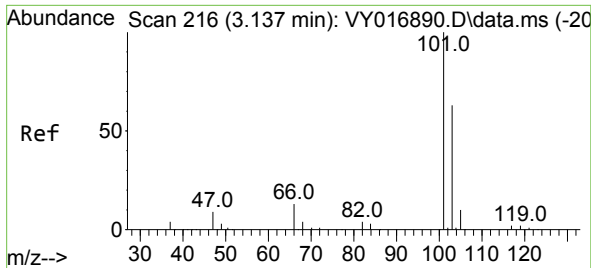
Tgt Ion: 64 Resp: 24818

Ion Ratio Lower Upper

64 100

66 34.5 25.1 37.7

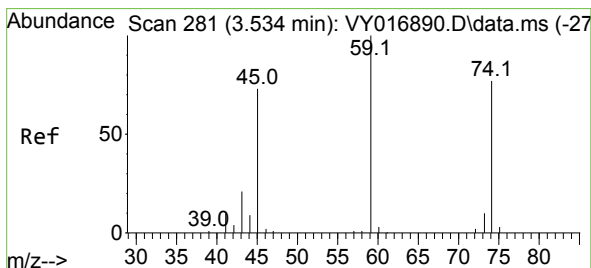
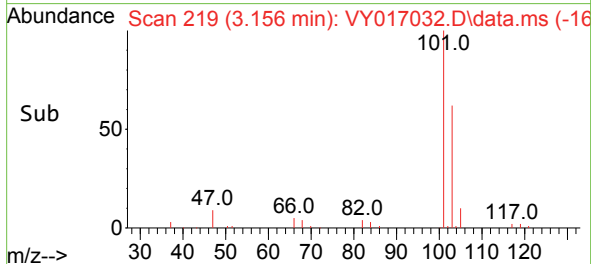
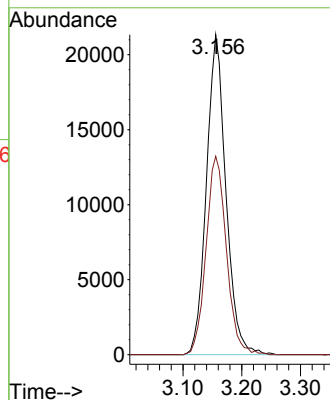
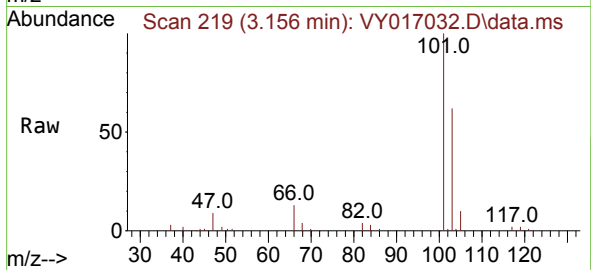




#7
 Trichlorofluoromethane
 Concen: 20.068 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

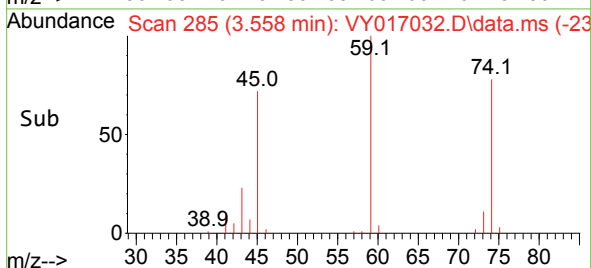
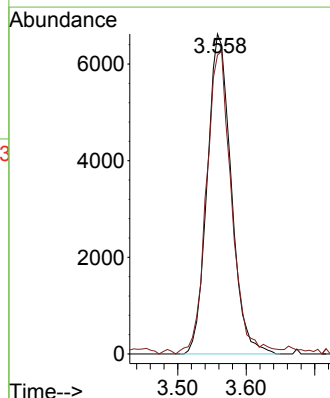
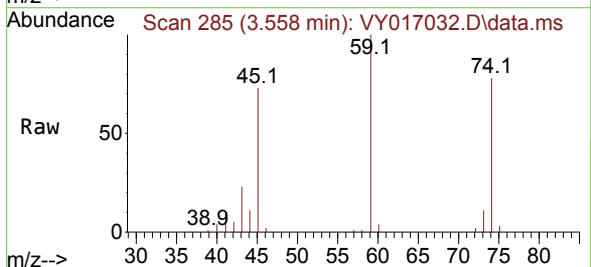
Instrument :
 MSVOA_Y
 ClientSampleId :

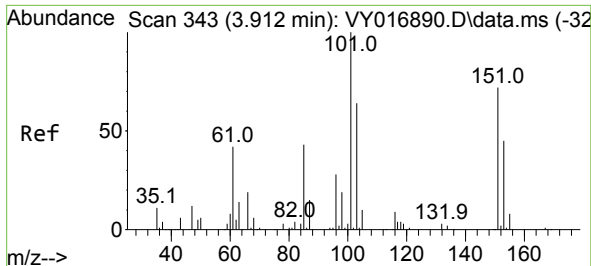
Tgt Ion:101 Resp: 49129
 Ion Ratio Lower Upper
 101 100
 103 62.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.542 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

Tgt Ion: 74 Resp: 16071
 Ion Ratio Lower Upper
 74 100
 45 99.1 47.9 143.7

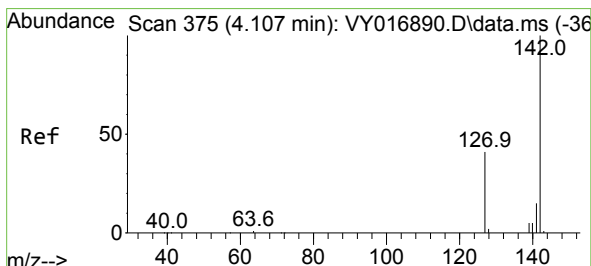
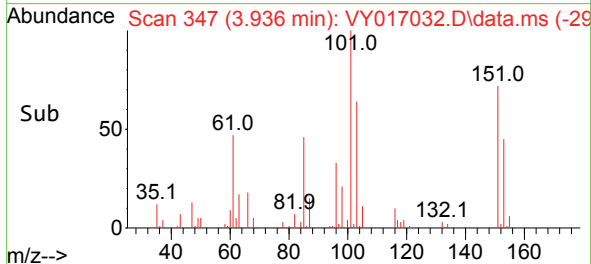
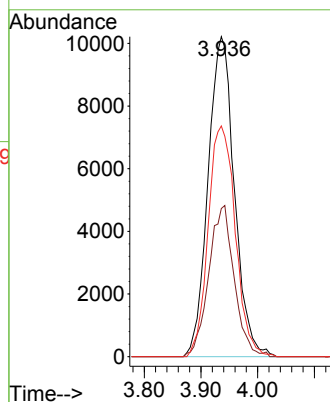
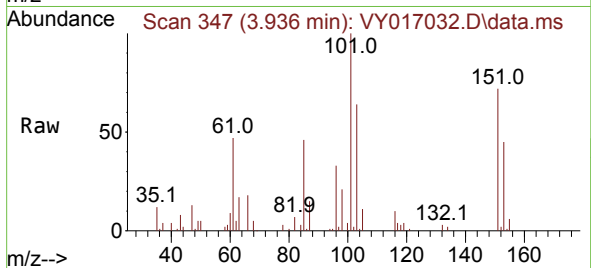




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.675 ug/l
RT: 3.936 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

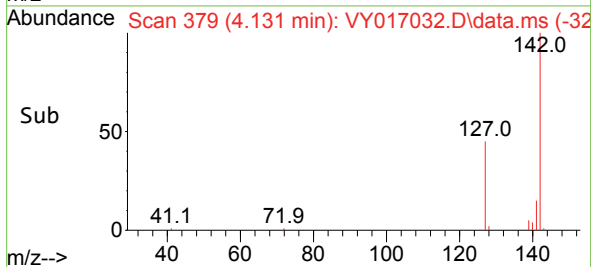
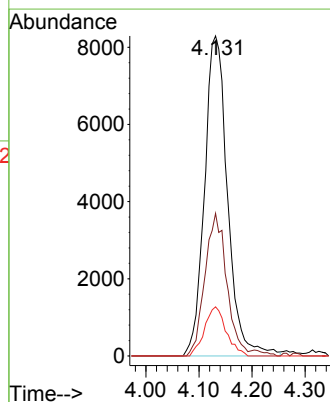
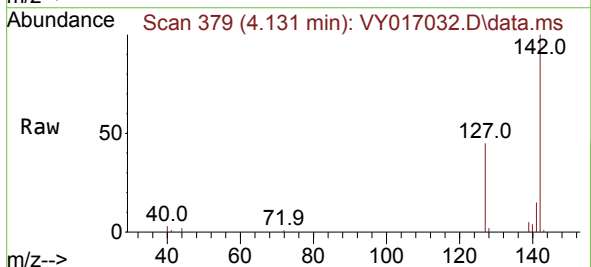
Instrument :
MSVOA_Y
ClientSampleId :

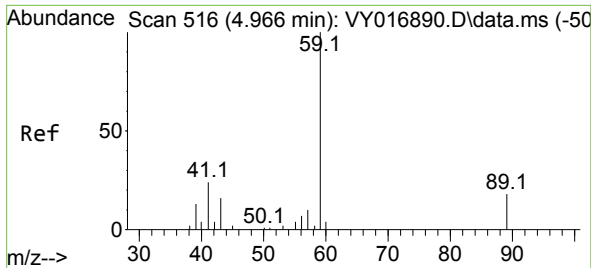
Tgt Ion:	101	Resp:	32910
Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.8	53.6
151	74.4	58.6	88.0



#10
Methyl Iodide
Concen: 18.456 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:	142	Resp:	24993
Ion	Ratio	Lower	Upper
142	100		
127	42.1	35.1	52.7
141	14.4	11.8	17.6

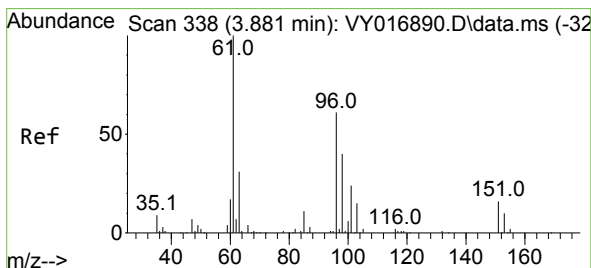
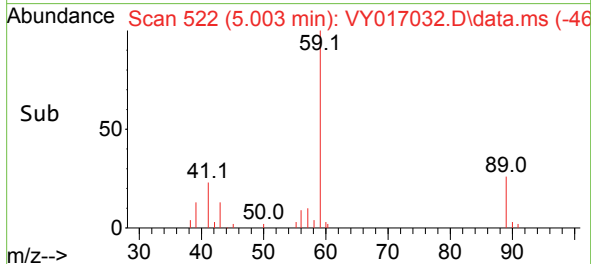
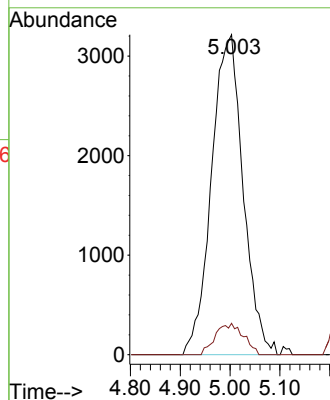
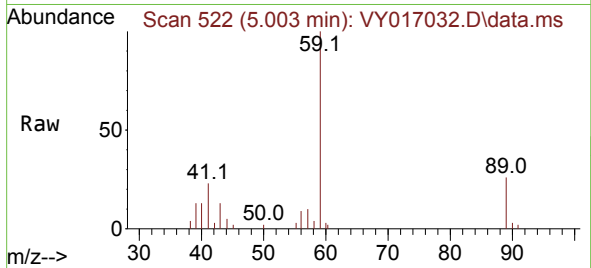




#11
Tert butyl alcohol
Concen: 120.013 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

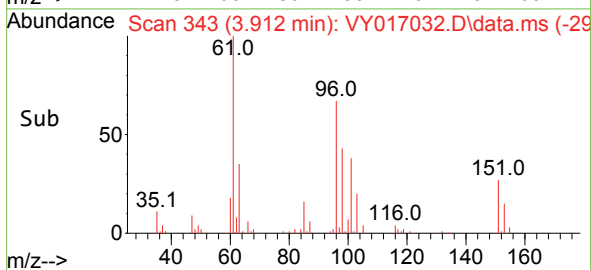
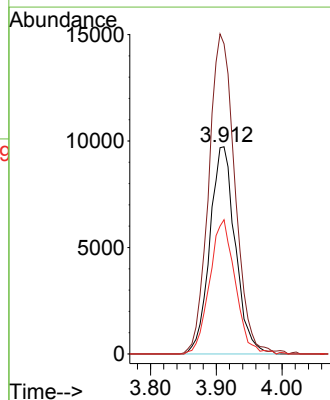
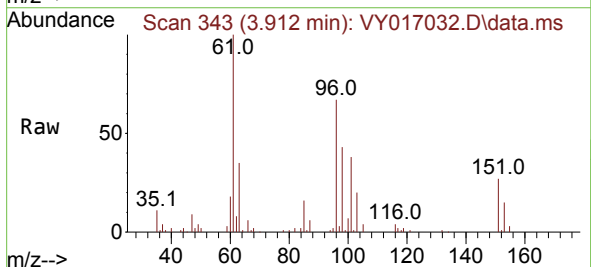
Instrument :
MSVOA_Y
ClientSampleId :

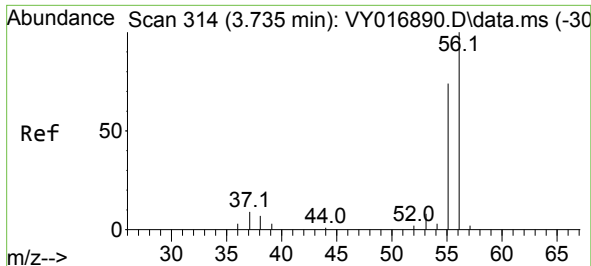
Tgt Ion: 59 Resp: 14153
Ion Ratio Lower Upper
59 100
57 4.4 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.210 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 96 Resp: 26236
Ion Ratio Lower Upper
96 100
61 149.7 124.2 186.2
98 64.8 52.6 79.0





#13

Acrolein

Concen: 93.432 ug/l

RT: 3.765 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

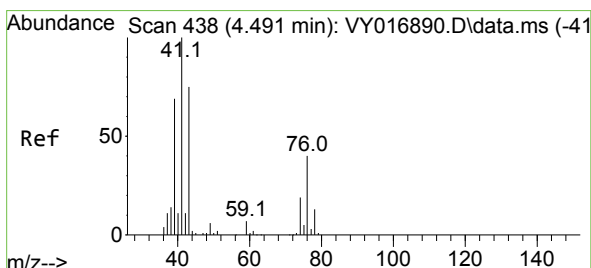
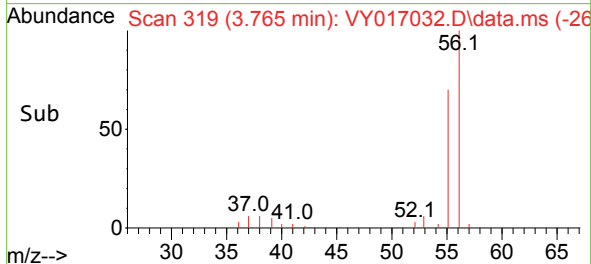
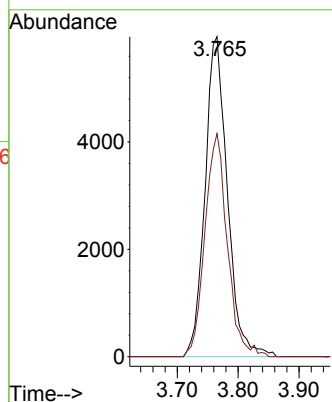
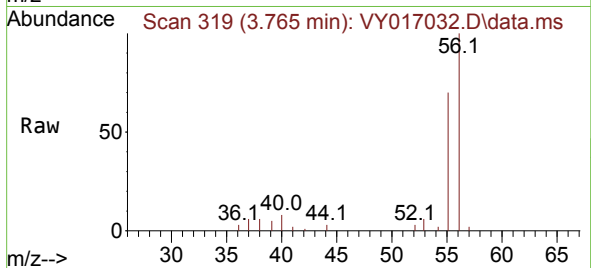
ClientSampleId :

Tgt Ion: 56 Resp: 15201

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 19.106 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

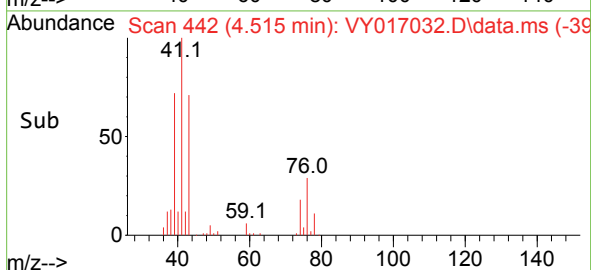
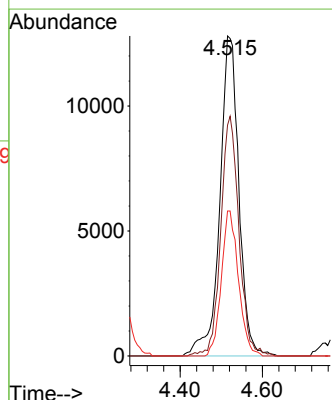
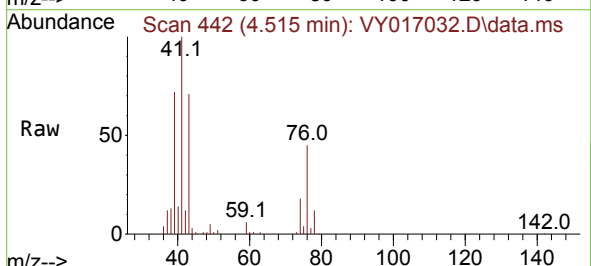
Tgt Ion: 41 Resp: 41250

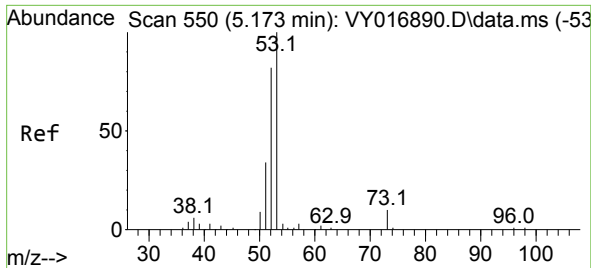
Ion Ratio Lower Upper

41 100

39 71.4 54.7 82.1

76 40.7 31.8 47.6





#15

Acrylonitrile

Concen: 109.481 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY017032.D

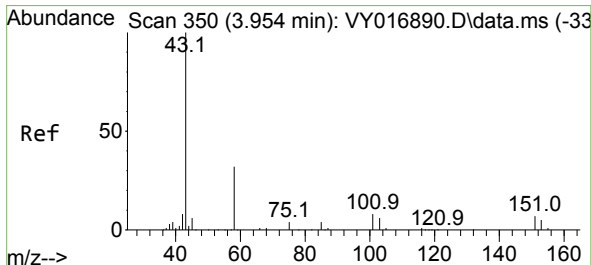
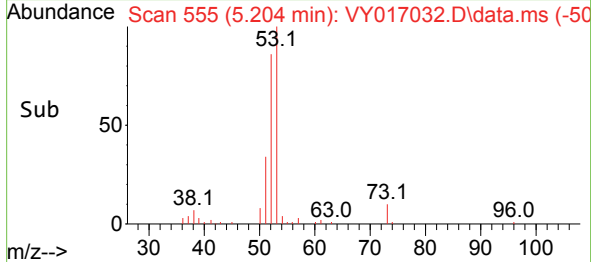
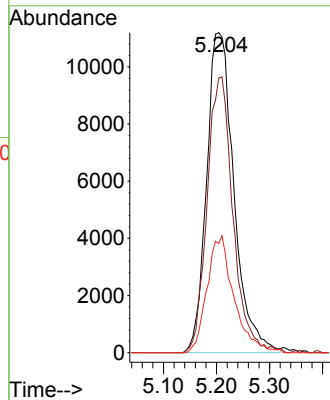
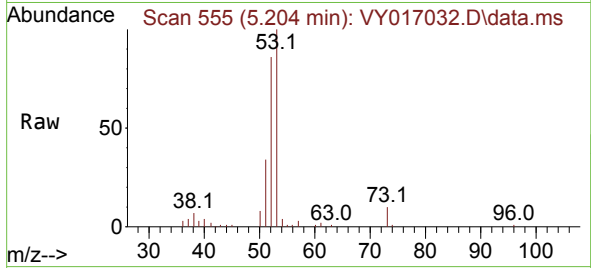
Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 40064
Ion Ratio	Lower Upper
53	100
52	81.6 65.1 97.7
51	36.0 29.0 43.4



#16

Acetone

Concen: 134.816 ug/l

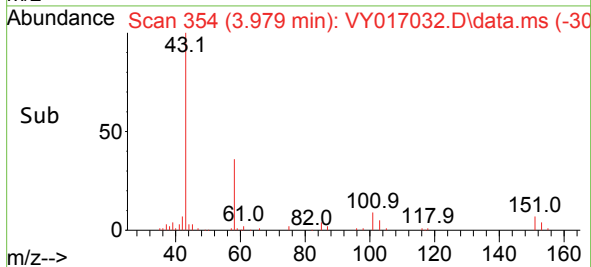
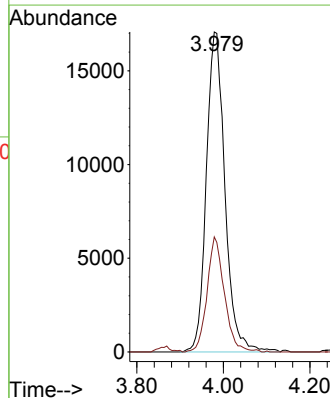
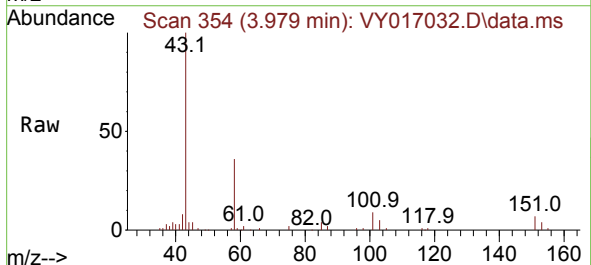
RT: 3.979 min Scan# 354

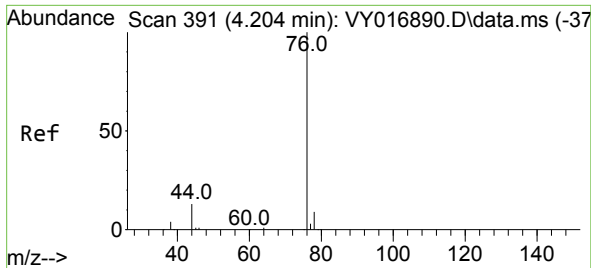
Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion: 43	Resp: 50974
Ion Ratio	Lower Upper
43	100
58	36.0 26.6 39.8

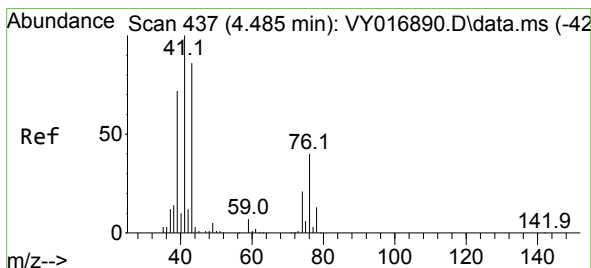
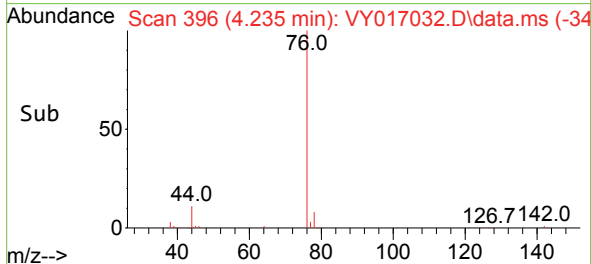
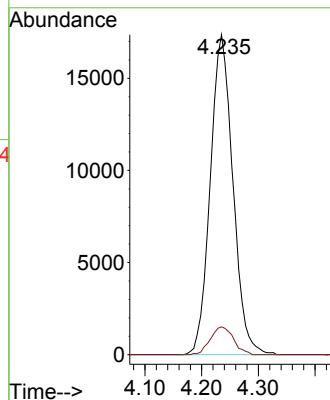
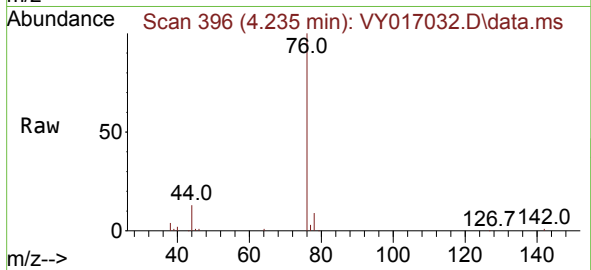




#17
Carbon Disulfide
Concen: 14.743 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

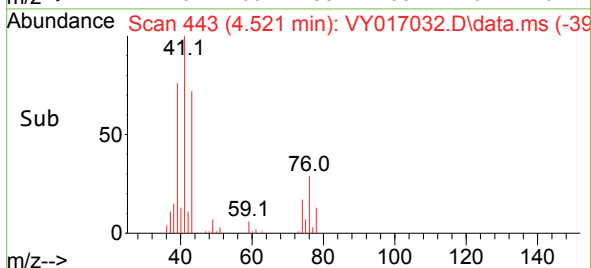
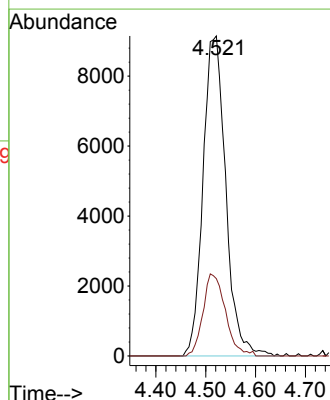
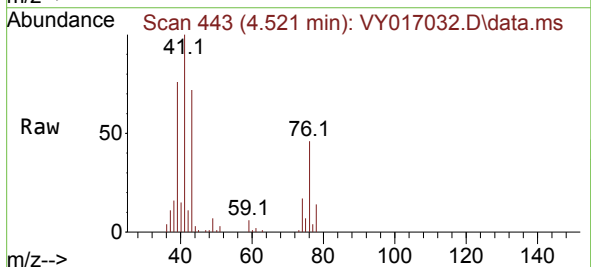
Instrument :
MSVOA_Y
ClientSampleId :

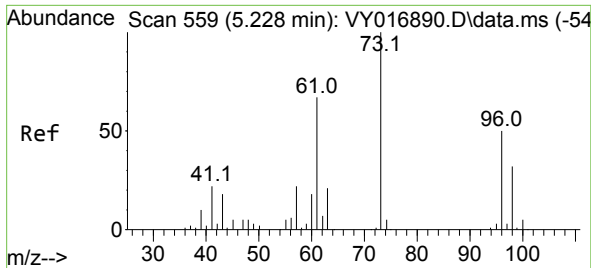
Tgt Ion: 76 Resp: 48112
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.064 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 43 Resp: 28946
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.6

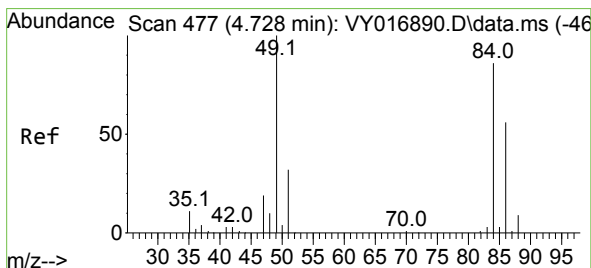
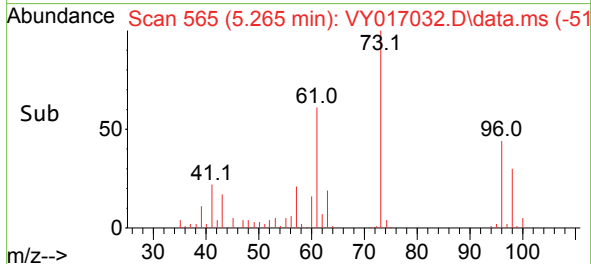
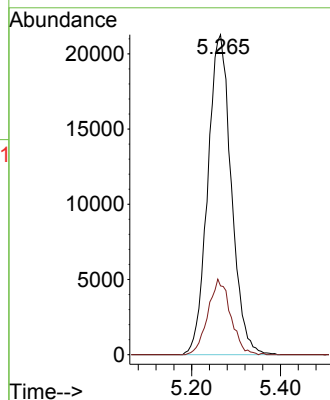
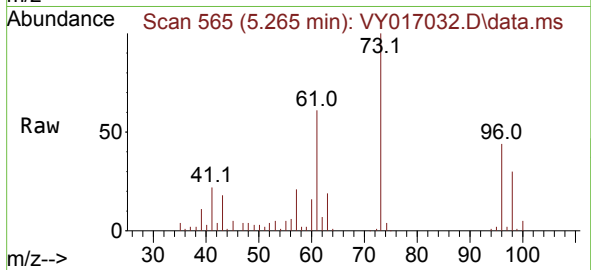




#19
Methyl tert-butyl Ether
Concen: 22.015 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

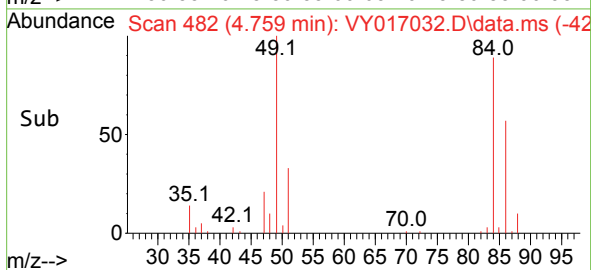
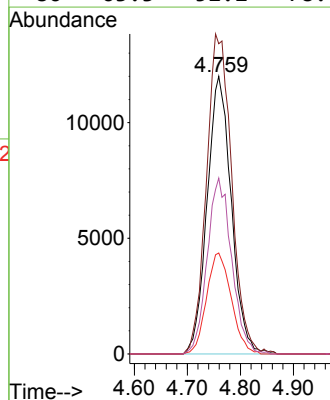
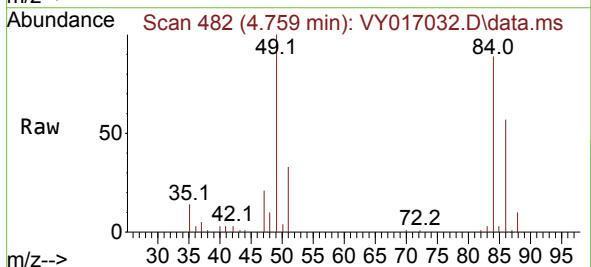
Instrument :
MSVOA_Y
ClientSampleId :

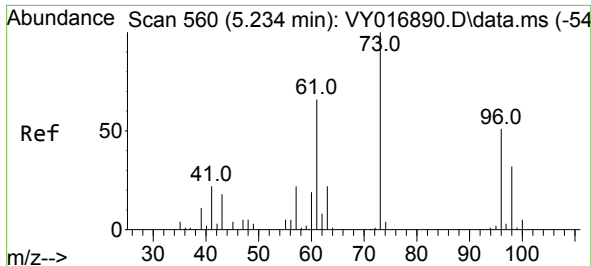
Tgt Ion: 73 Resp: 78222
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 15.432 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 84 Resp: 38046
Ion Ratio Lower Upper
84 100
49 111.8 95.2 142.8
51 36.4 29.9 44.9
86 63.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.004 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

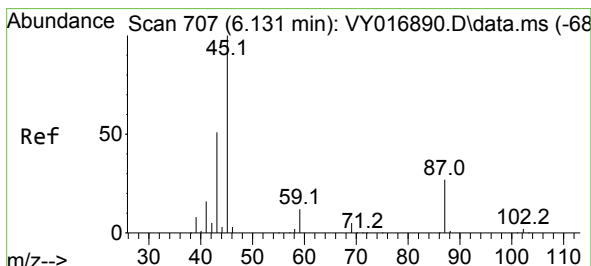
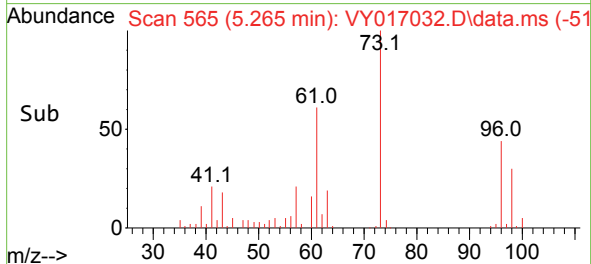
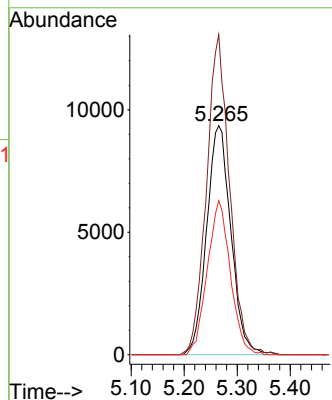
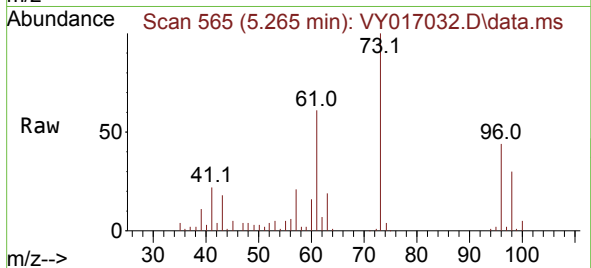
Tgt Ion: 96 Resp: 29725

Ion Ratio Lower Upper

96 100

61 139.8 104.6 156.8

98 67.3 50.9 76.3



#22

Diisopropyl ether

Concen: 21.610 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion: 45 Resp: 107866

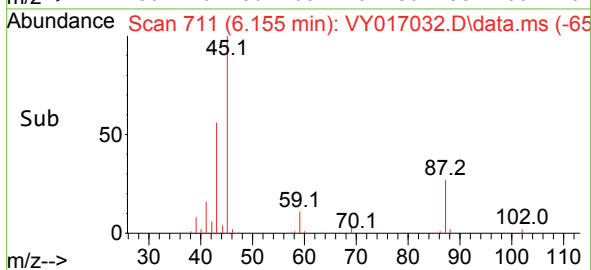
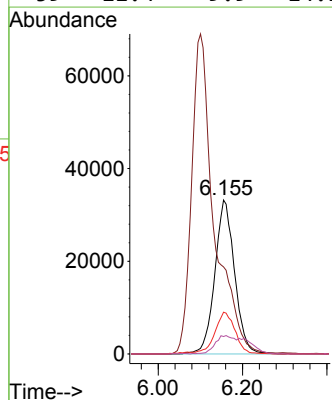
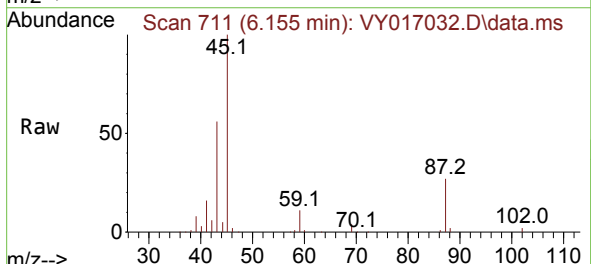
Ion Ratio Lower Upper

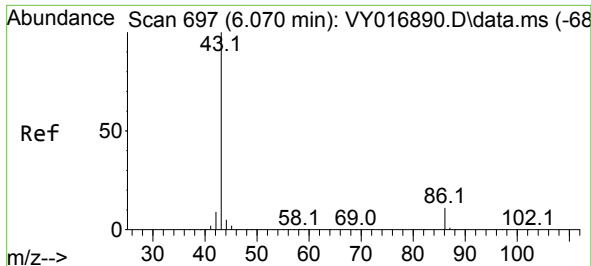
45 100

43 55.8 46.8 70.2

87 27.1 22.2 33.2

59 11.4 9.9 14.9

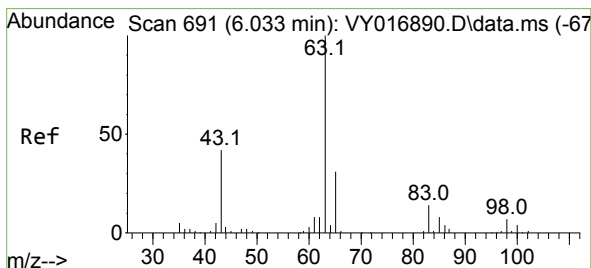
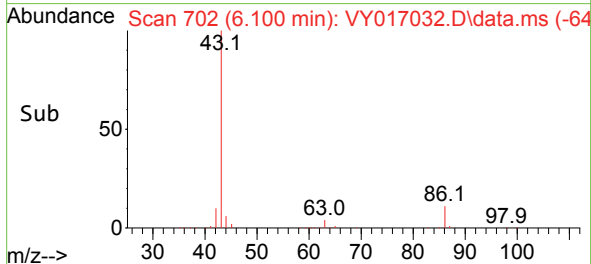
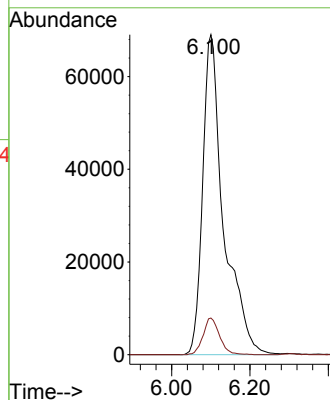
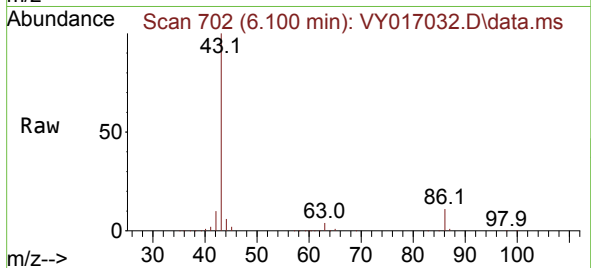




#23
 Vinyl Acetate
 Concen: 112.242 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

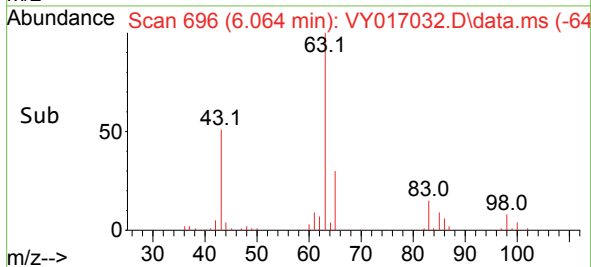
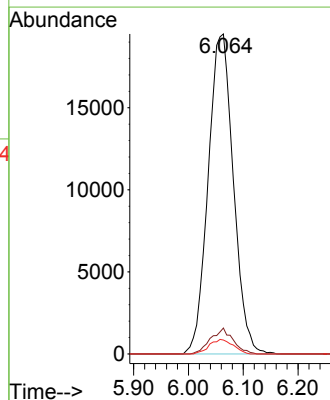
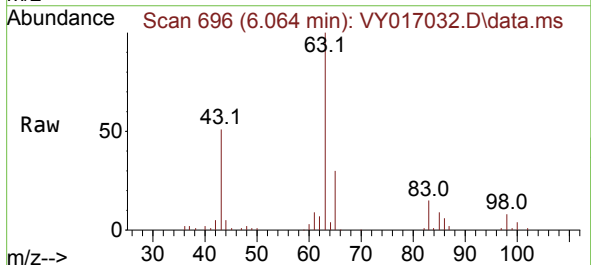
Instrument :
 MSVOA_Y
 ClientSampleId :

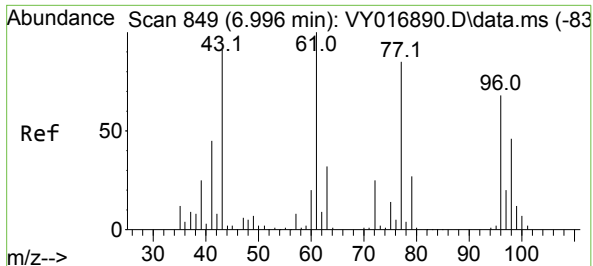
Tgt Ion: 43 Resp: 256891
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.771 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

Tgt Ion: 63 Resp: 62303
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 125.953 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

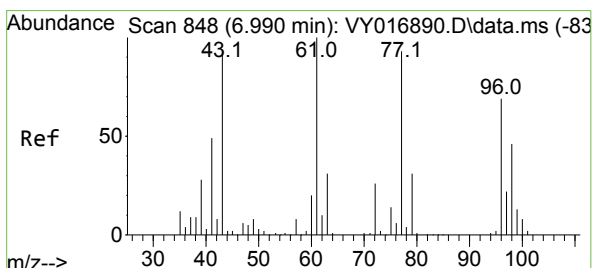
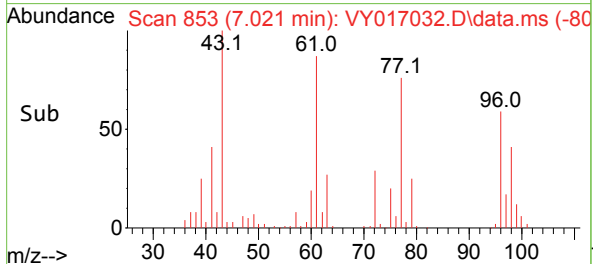
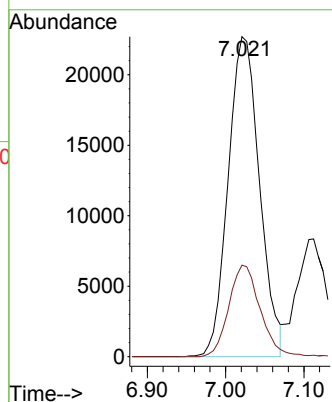
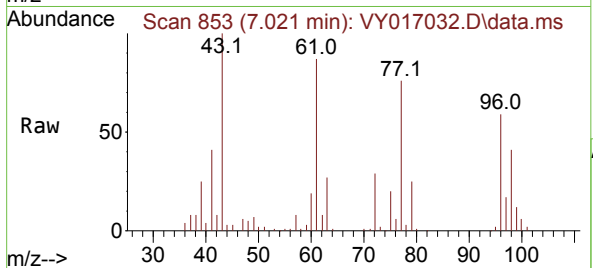
ClientSampleId :

Tgt Ion: 43 Resp: 63242

Ion Ratio Lower Upper

43 100

72 28.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.033 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY017032.D

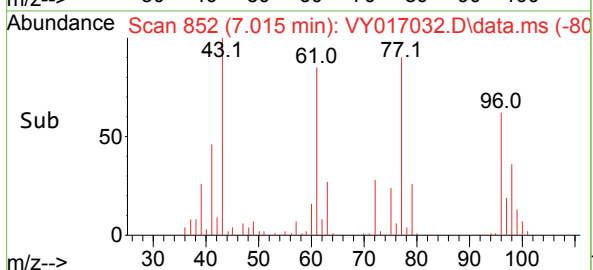
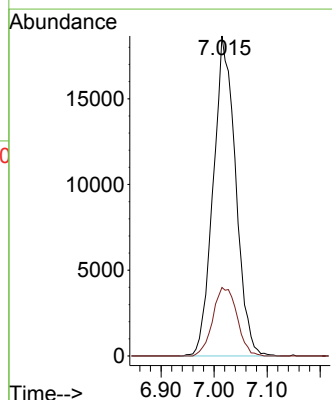
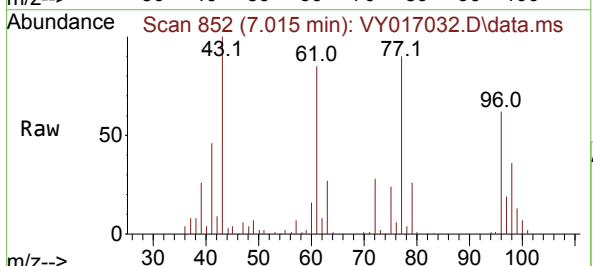
Acq: 18 Jan 2024 11:59

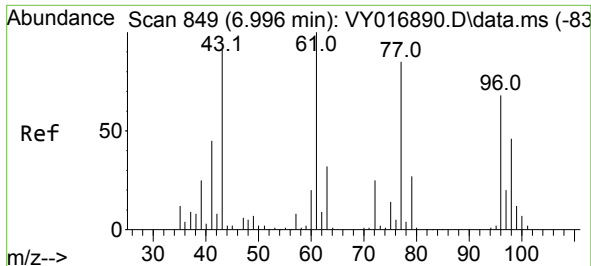
Tgt Ion: 77 Resp: 54703

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.758 ug/l

RT: 7.027 min Scan# 849

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

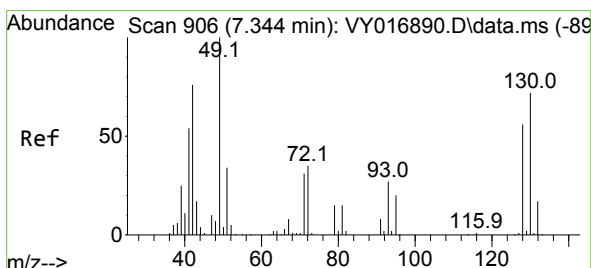
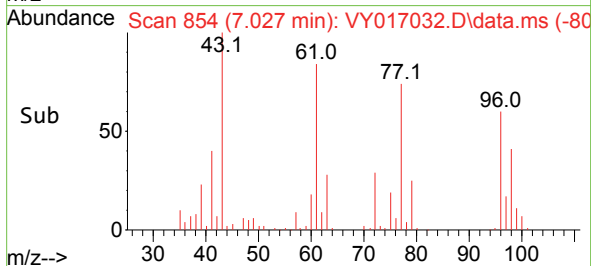
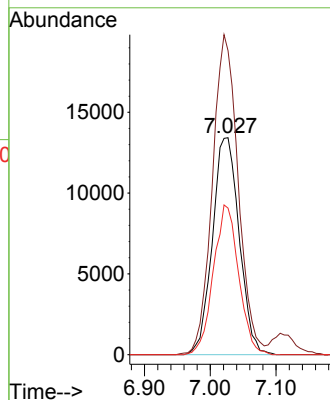
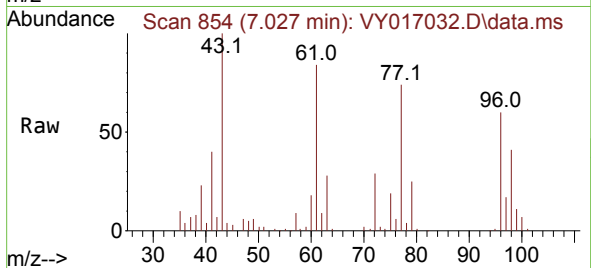
Tgt Ion: 96 Resp: 38062

Ion Ratio Lower Upper

96 100

61 142.1 0.0 278.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 20.538 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

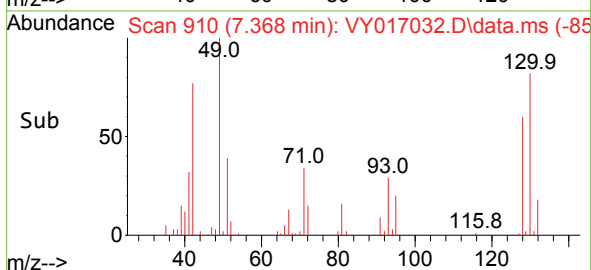
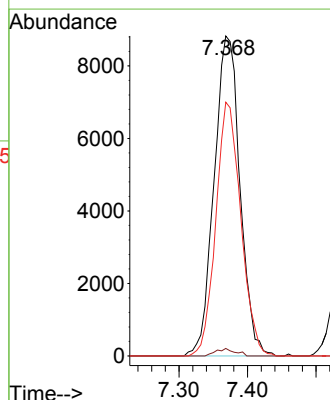
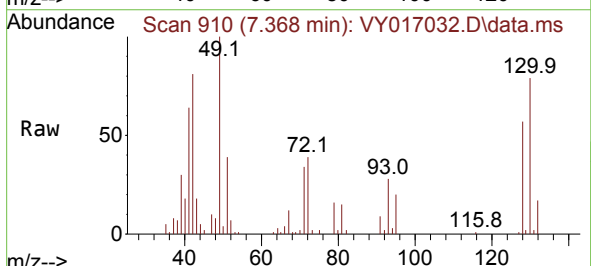
Tgt Ion: 49 Resp: 23128

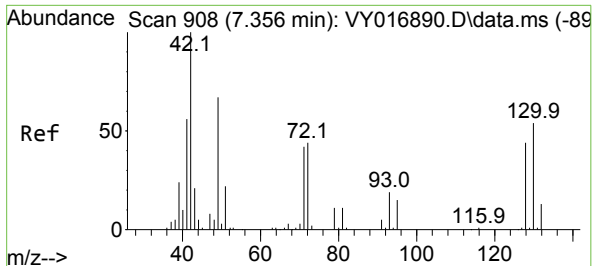
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 108.260 ug/l

RT: 7.380 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

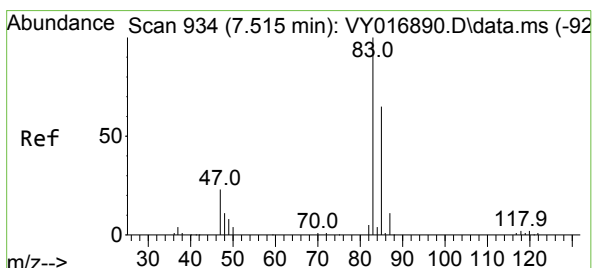
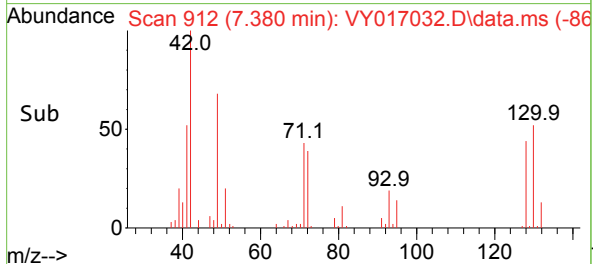
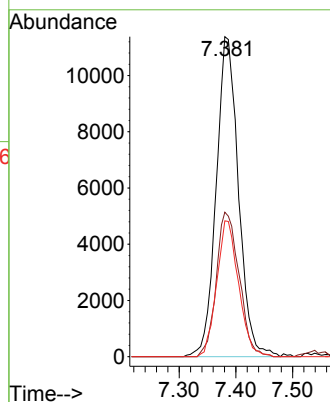
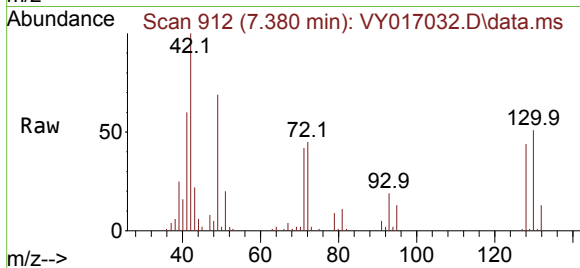
Tgt Ion: 42 Resp: 31053

Ion Ratio Lower Upper

42 100

72 46.3 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 21.659 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY017032.D

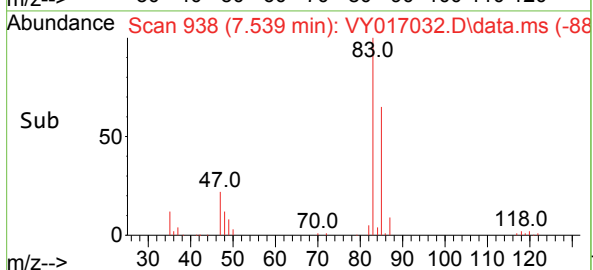
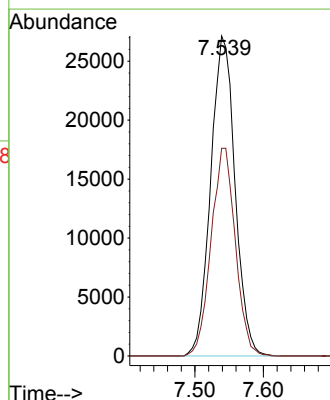
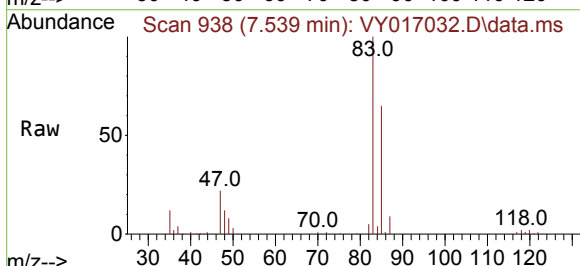
Acq: 18 Jan 2024 11:59

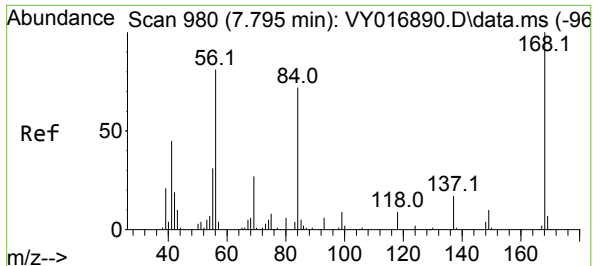
Tgt Ion: 83 Resp: 66950

Ion Ratio Lower Upper

83 100

85 64.9 51.2 76.8

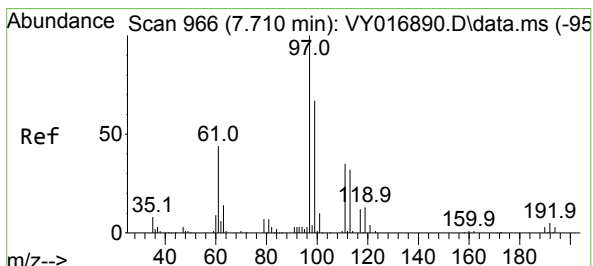
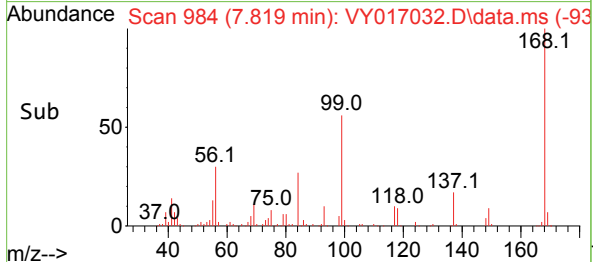
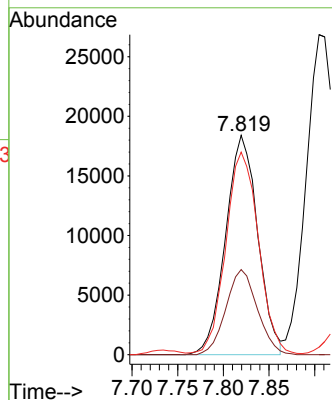
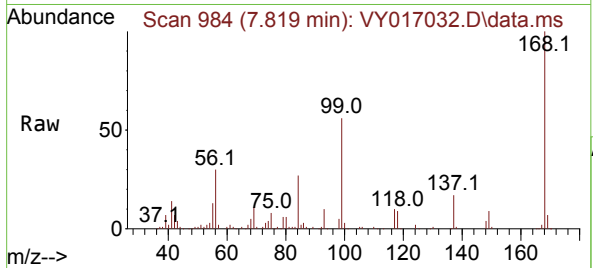




#31
Cyclohexane
Concen: 18.514 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

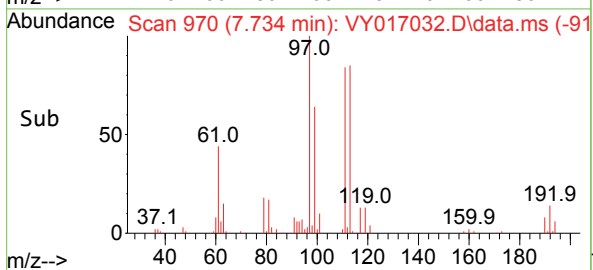
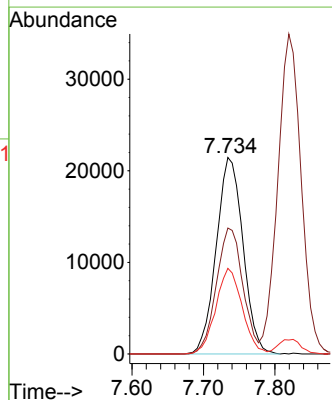
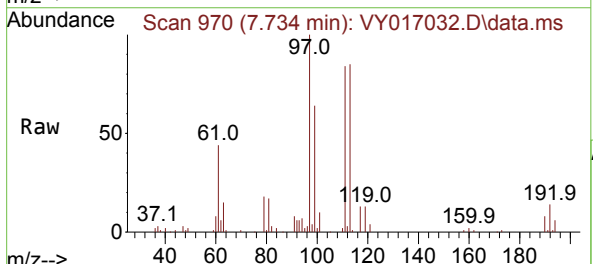
Instrument :
MSVOA_Y
ClientSampleId :

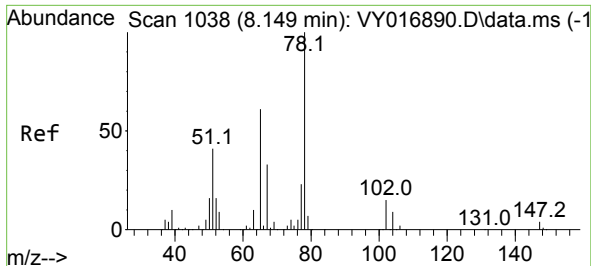
Tgt Ion: 56 Resp: 45032
Ion Ratio Lower Upper
56 100
69 38.8 27.0 40.6
84 91.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.250 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 97 Resp: 55696
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 43.1 35.0 52.6

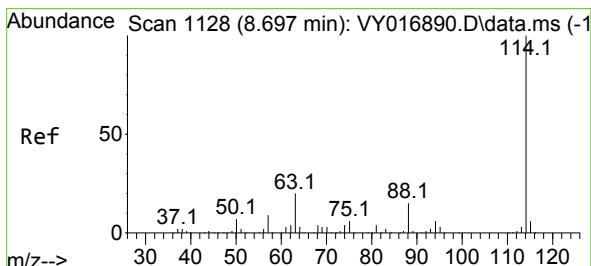
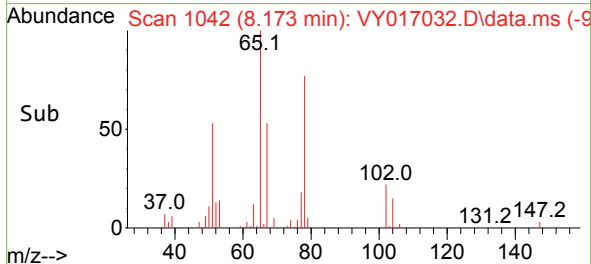
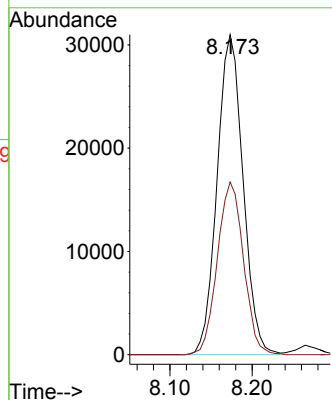
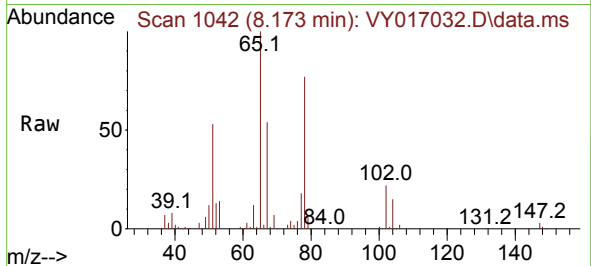




#33
1,2-Dichloroethane-d4
Concen: 48.003 ug/l
RT: 8.173 min Scan# 1103
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

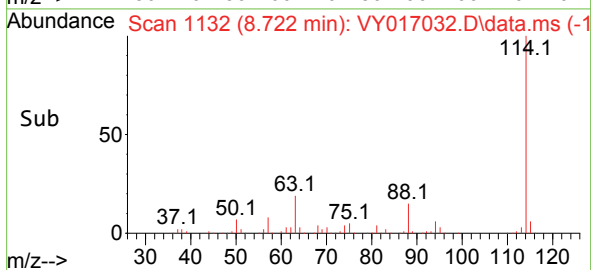
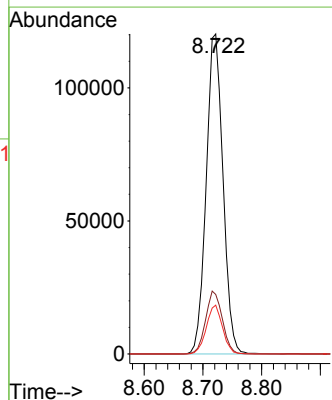
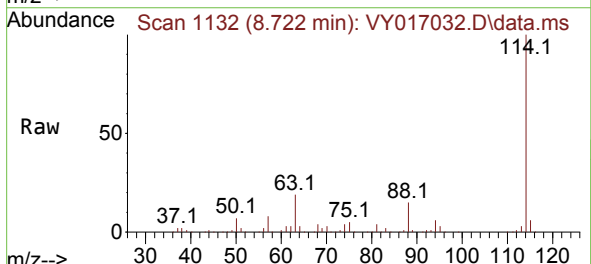
Instrument :
MSVOA_Y
ClientSampleId :

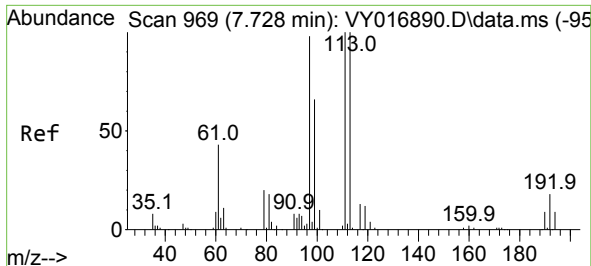
Tgt Ion: 65 Resp: 68030
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:114 Resp: 238968
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 15.3 0.0 29.0

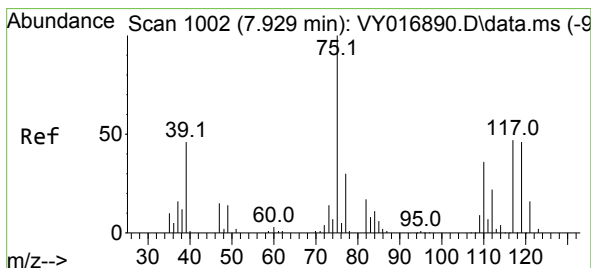
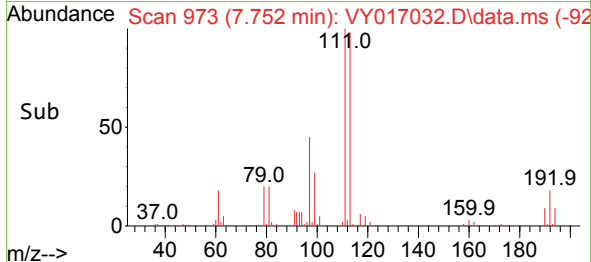
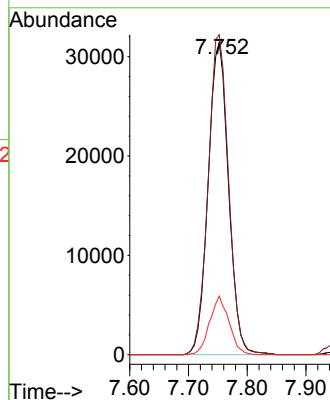
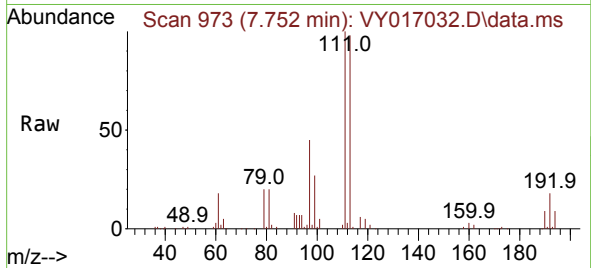




#35
Dibromofluoromethane
Concen: 49.806 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

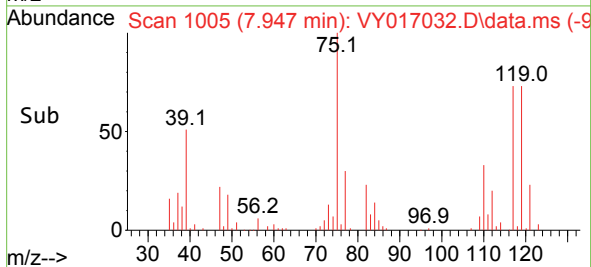
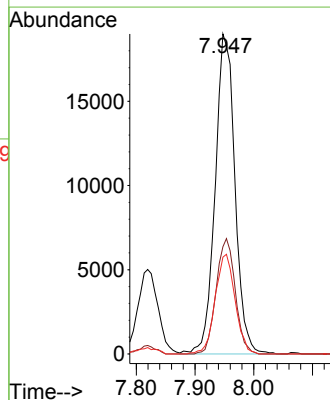
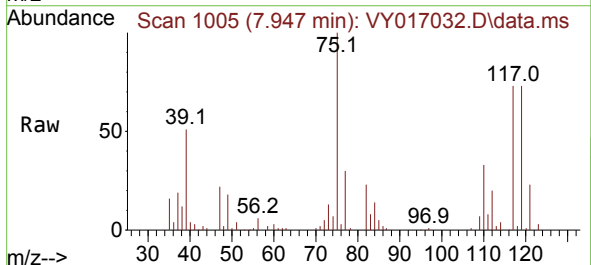
Instrument :
MSVOA_Y
ClientSampleId :

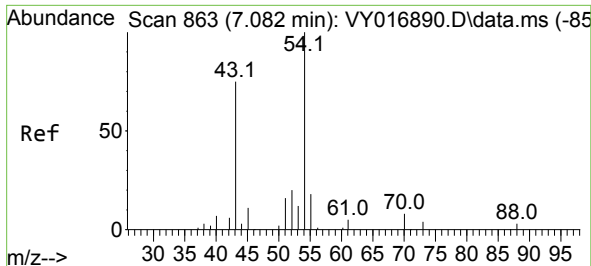
Tgt Ion:113 Resp: 75844
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.059 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 75 Resp: 44517
Ion Ratio Lower Upper
75 100
110 34.7 17.4 52.3
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 22.055 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

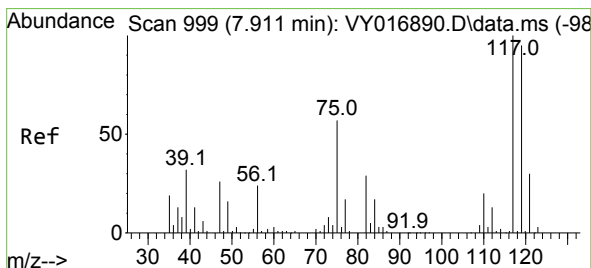
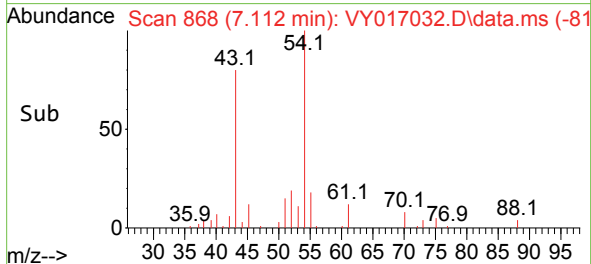
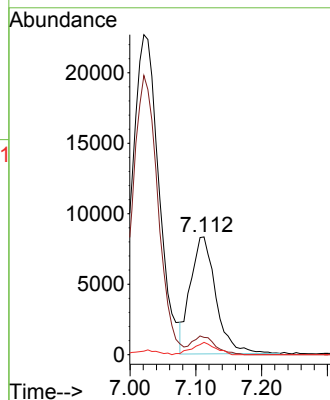
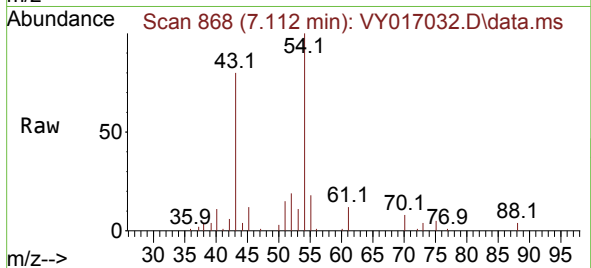
Tgt Ion: 43 Resp: 22243

Ion Ratio Lower Upper

43 100

61 14.9 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.759 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

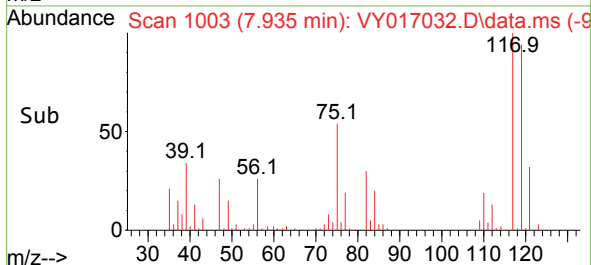
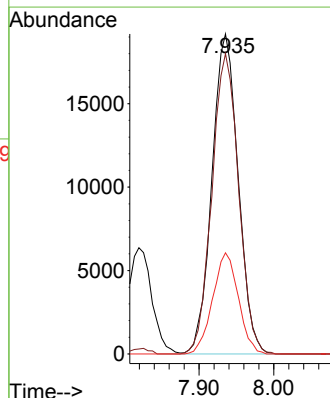
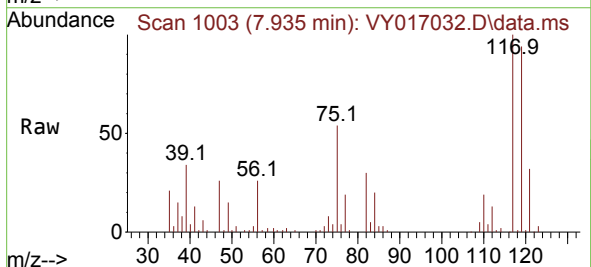
Tgt Ion:117 Resp: 46807

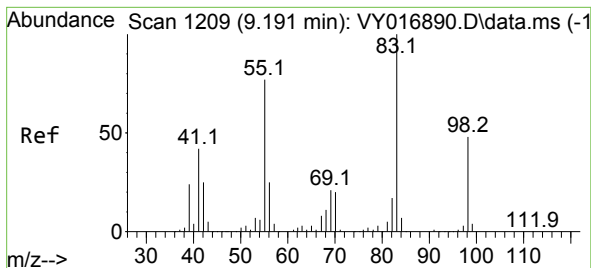
Ion Ratio Lower Upper

117 100

119 93.9 76.0 114.0

121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 18.886 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

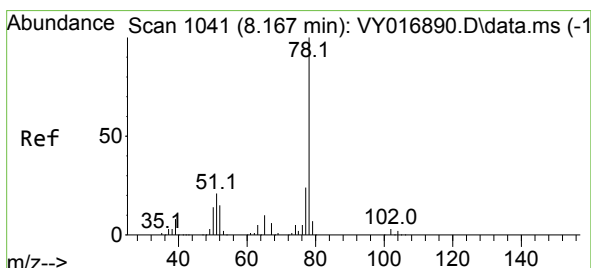
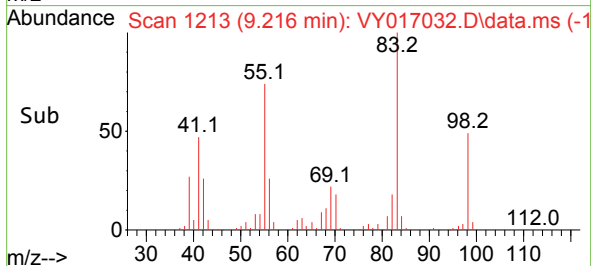
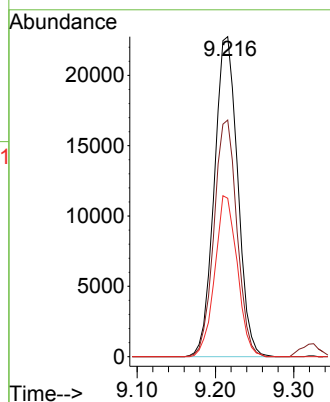
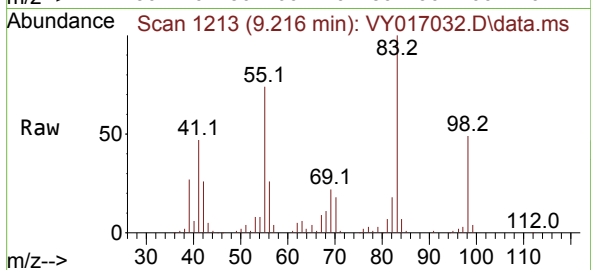
Tgt Ion: 83 Resp: 47117

Ion Ratio Lower Upper

83 100

55 73.9 59.7 89.5

98 49.5 38.0 57.0



#40

Benzene

Concen: 20.267 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017032.D

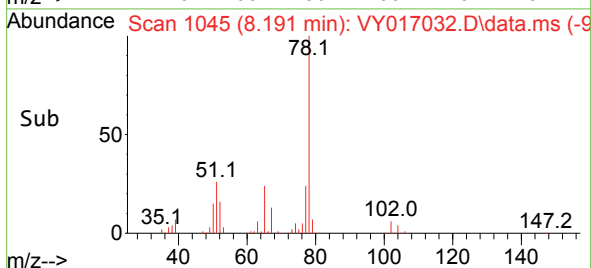
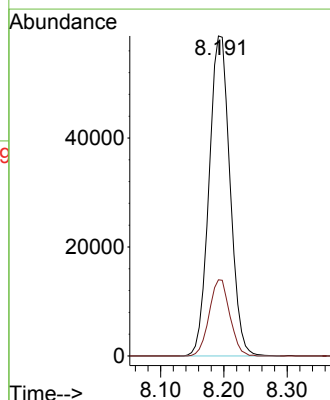
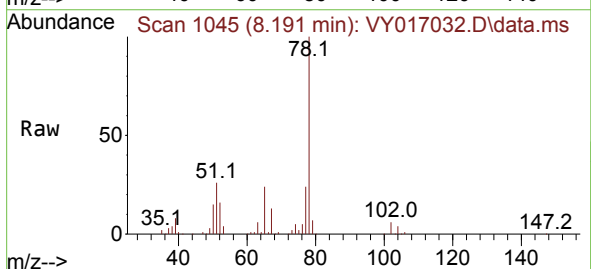
Acq: 18 Jan 2024 11:59

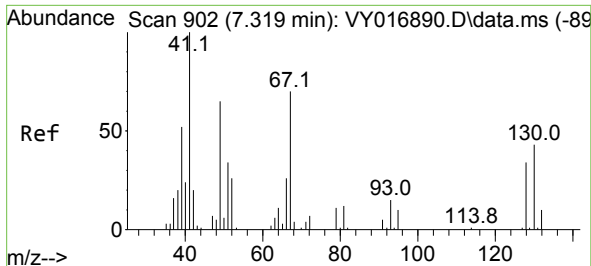
Tgt Ion: 78 Resp: 134926

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2



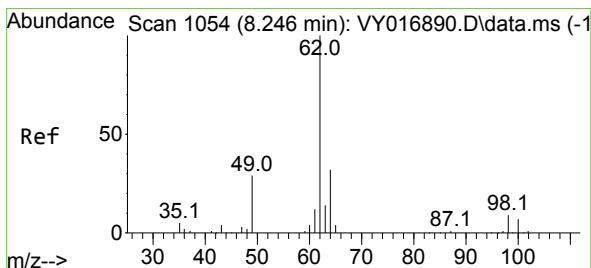
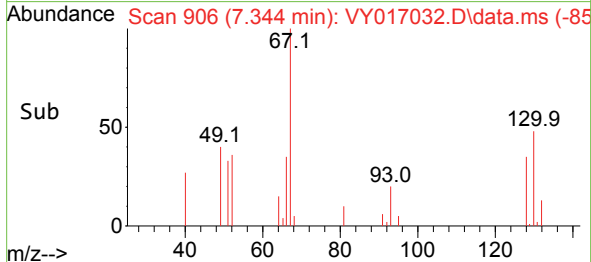
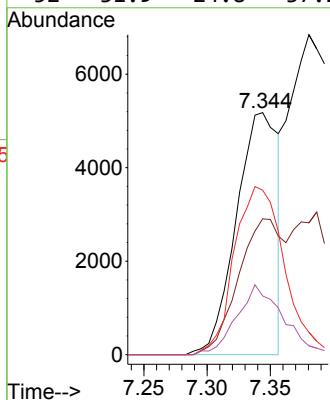
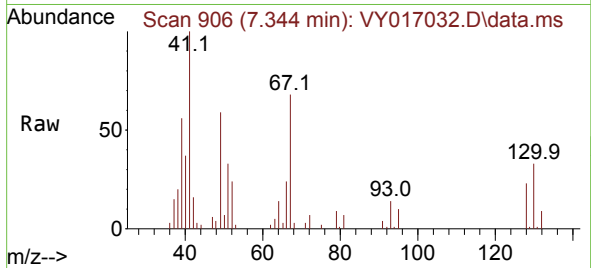


#41
Methacrylonitrile
Concen: 22.348 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.025 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 11870

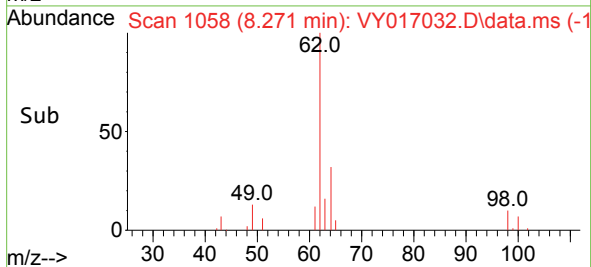
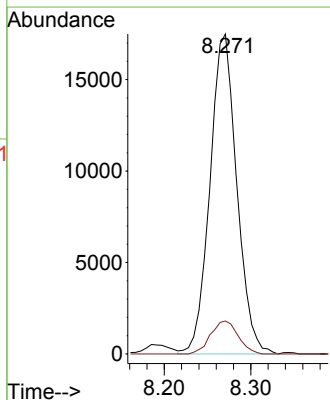
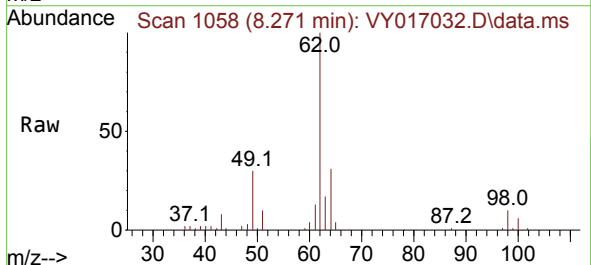
Ion	Ratio	Lower	Upper
41	100		
39	61.4	41.9	62.9
67	83.6	59.8	89.6
52	31.9	24.8	37.2

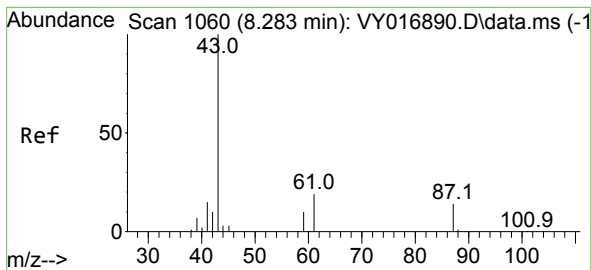


#42
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 62 Resp: 37671

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2





#43

Isopropyl Acetate

Concen: 21.962 ug/l

RT: 8.301 min Scan# 1173

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

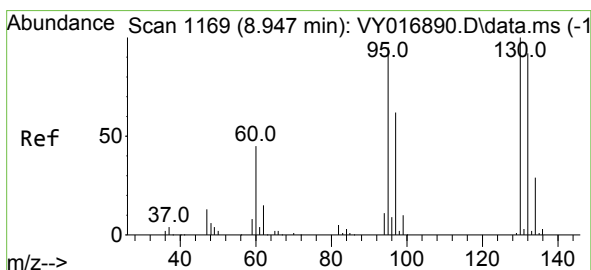
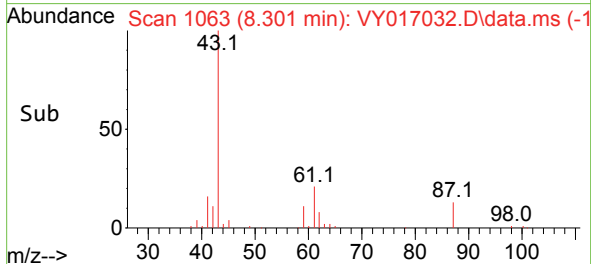
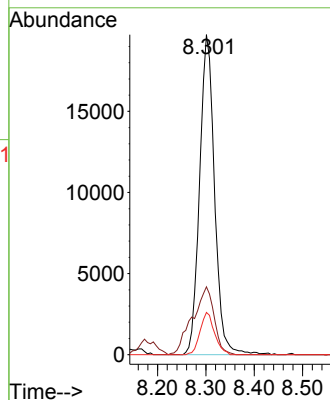
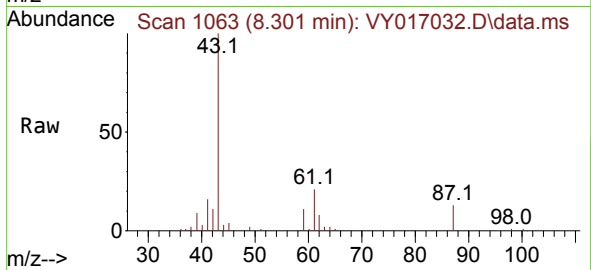
Tgt Ion: 43 Resp: 42415

Ion Ratio Lower Upper

43 100

61 30.6 24.8 37.2

87 12.7 10.7 16.1



#44

Trichloroethene

Concen: 20.545 ug/l

RT: 8.972 min Scan# 1173

Delta R.T. 0.025 min

Lab File: VY017032.D

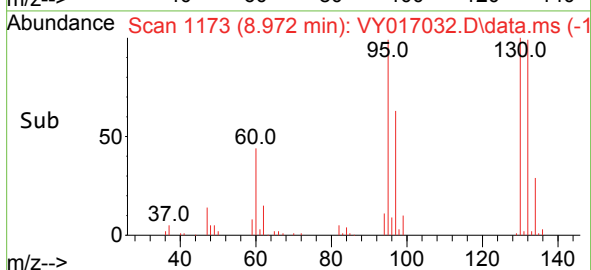
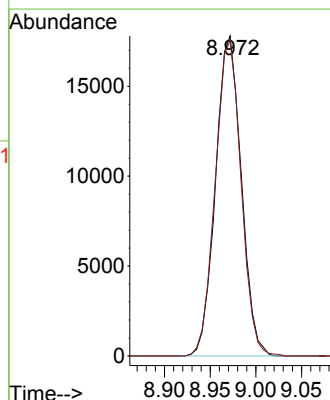
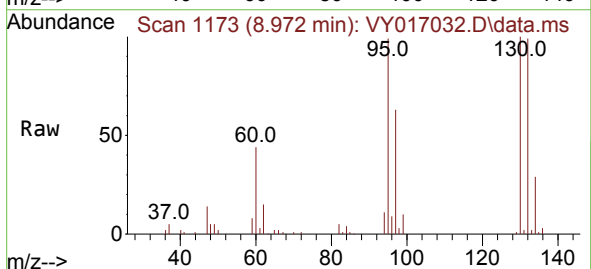
Acq: 18 Jan 2024 11:59

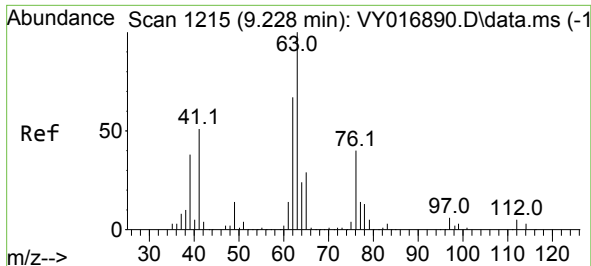
Tgt Ion:130 Resp: 34804

Ion Ratio Lower Upper

130 100

95 98.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.069 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

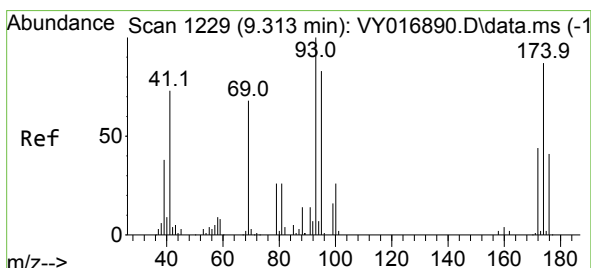
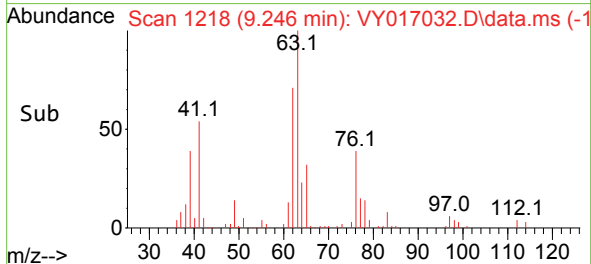
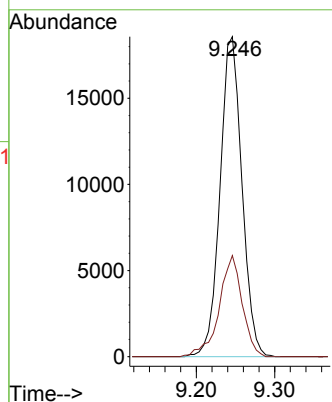
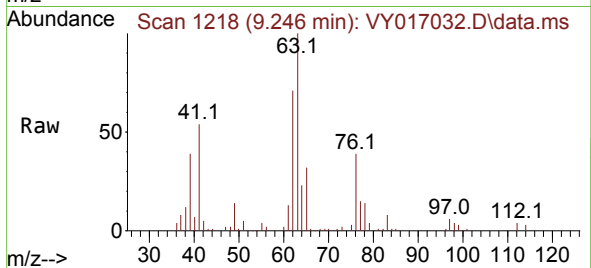
ClientSampleId :

Tgt Ion: 63 Resp: 36135

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 20.860 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.024 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

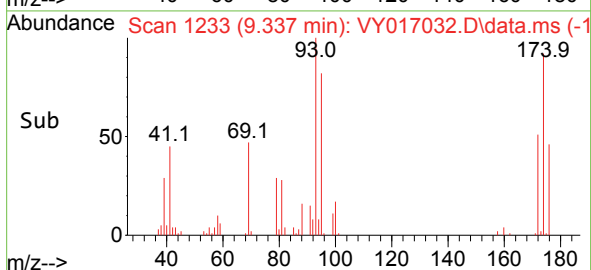
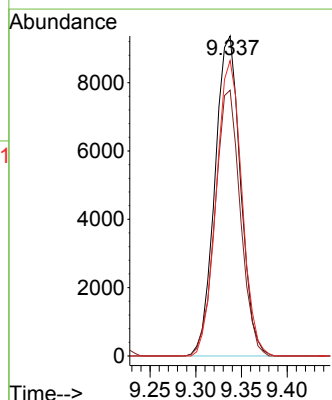
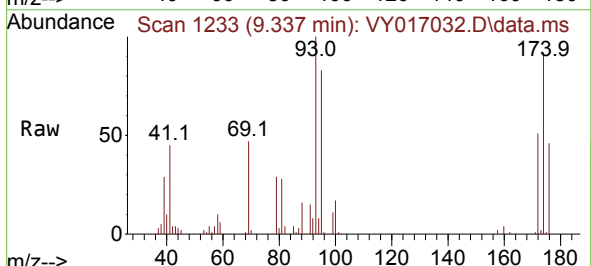
Tgt Ion: 93 Resp: 18246

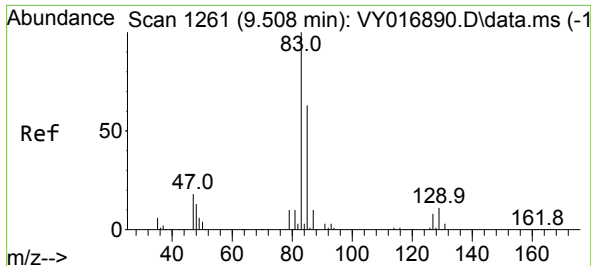
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 92.1 73.8 110.6

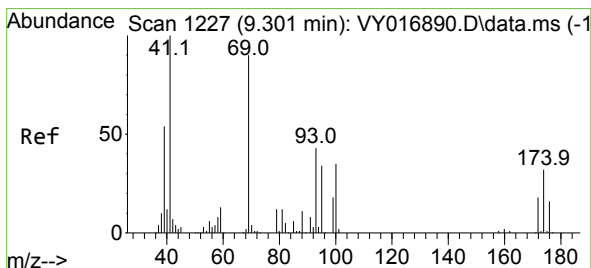
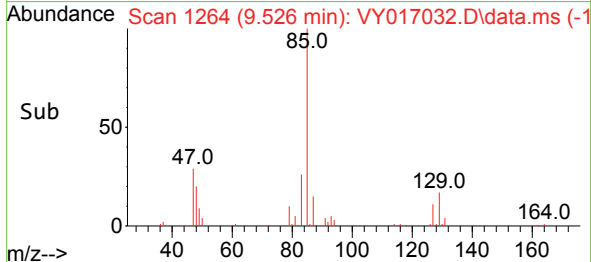
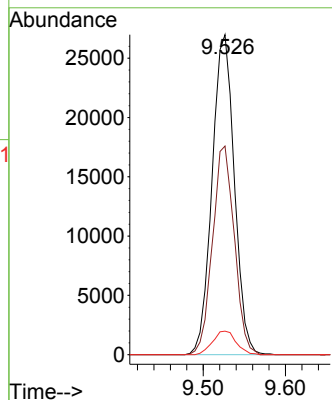
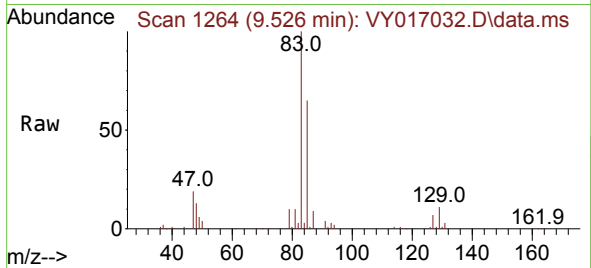




#47
Bromodichloromethane
Concen: 21.567 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

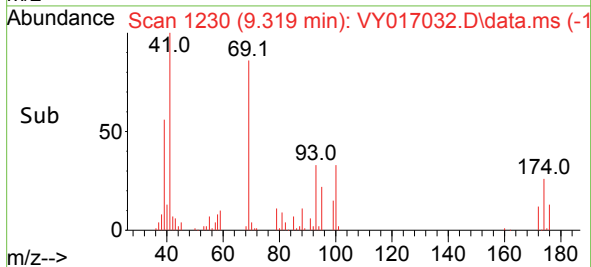
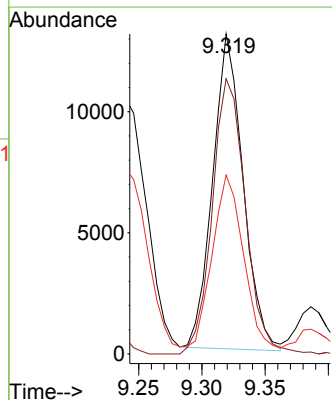
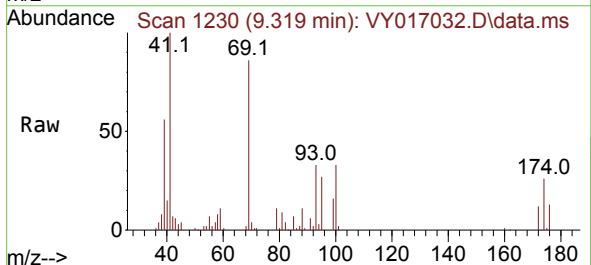
Instrument :
MSVOA_Y
ClientSampleId :

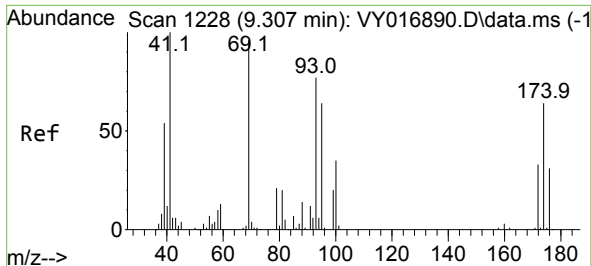
Tgt Ion: 83 Resp: 50658
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 7.4 6.4 9.6



#48
Methyl methacrylate
Concen: 20.840 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 41 Resp: 21721
Ion Ratio Lower Upper
41 100
69 95.1 72.1 108.1
39 60.7 42.8 64.2

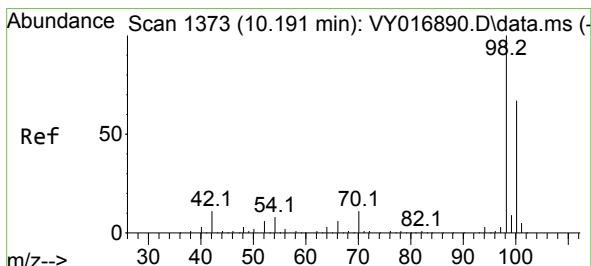
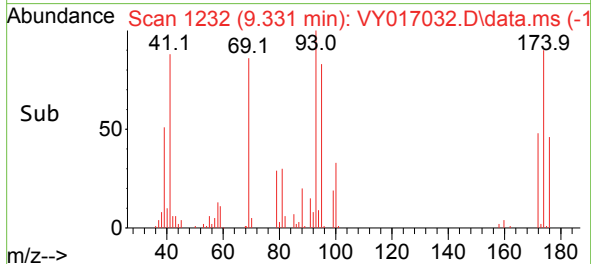
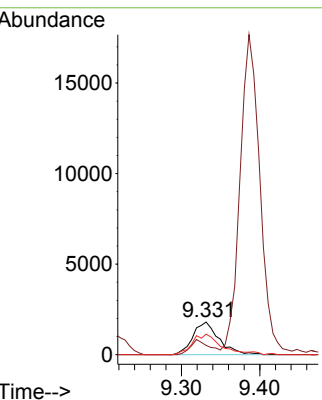
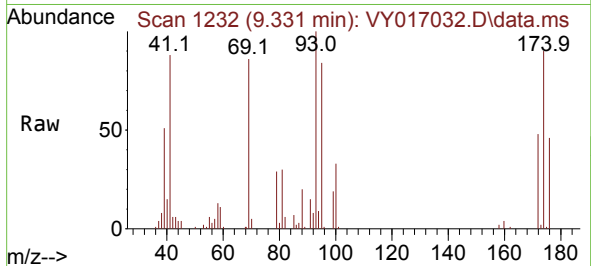




#49
1,4-Dioxane
Concen: 464.071 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

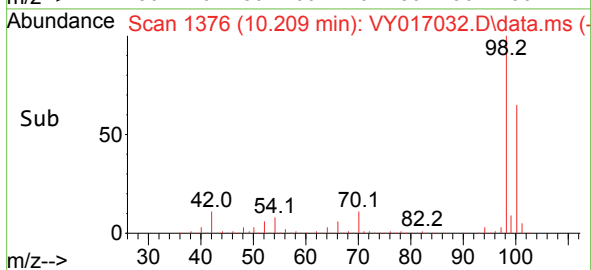
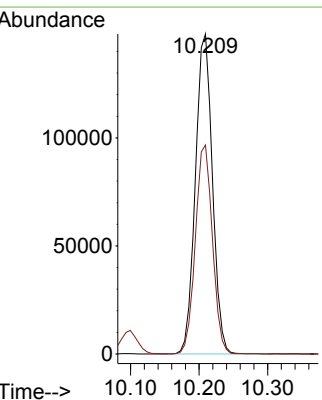
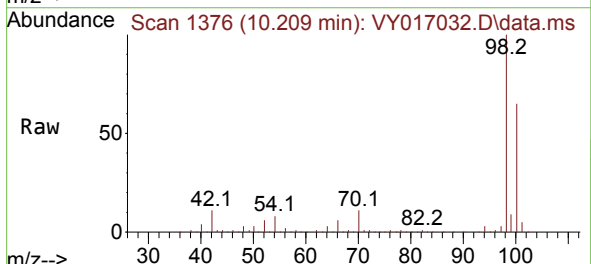
Instrument :
MSVOA_Y
ClientSampleId :

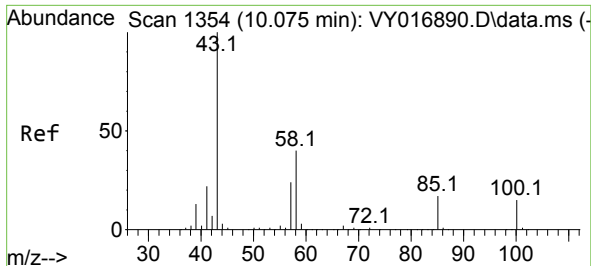
Tgt Ion: 88 Resp: 4203
Ion Ratio Lower Upper
88 100
43 33.9 28.2 42.4
58 70.5 52.2 78.2



#50
Toluene-d8
Concen: 48.900 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 98 Resp: 256418
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

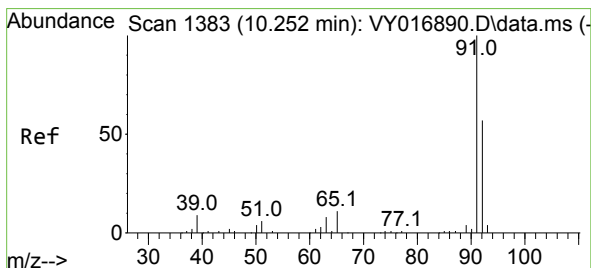
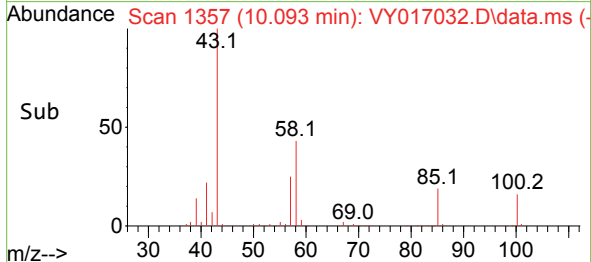
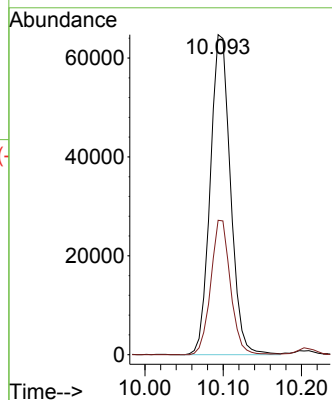
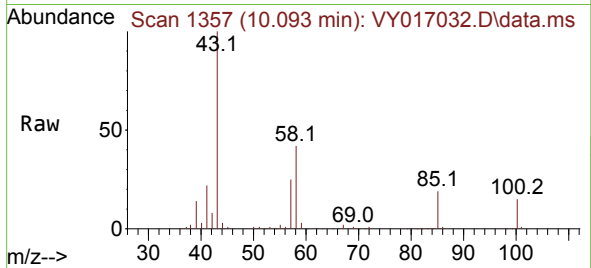




#51
4-Methyl-2-Pentanone
Concen: 113.036 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

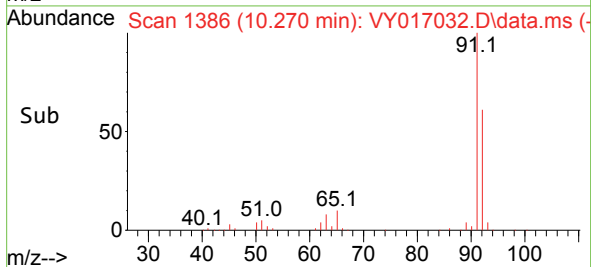
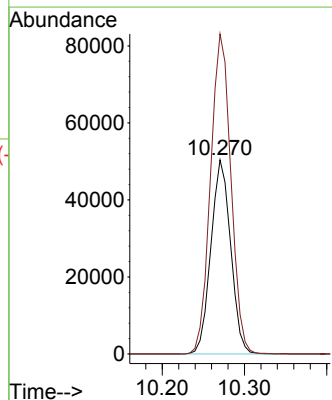
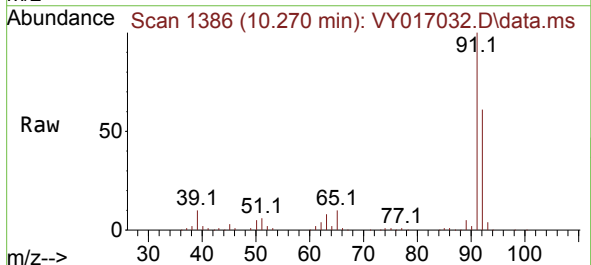
Instrument :
MSVOA_Y
ClientSampleId :

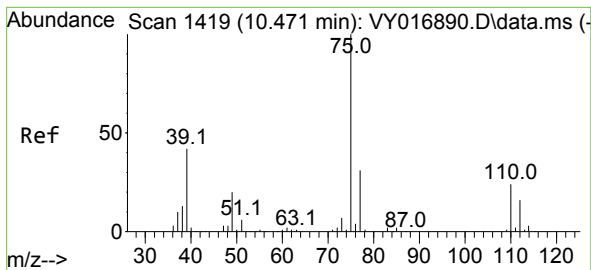
Tgt Ion: 43 Resp: 116099
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.2



#52
Toluene
Concen: 20.952 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 92 Resp: 84178
Ion Ratio Lower Upper
92 100
91 170.2 137.6 206.4

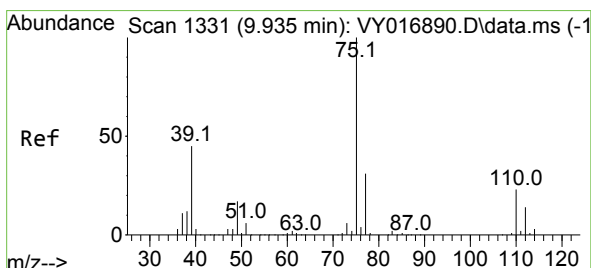
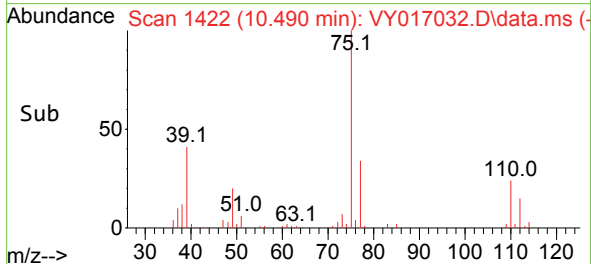
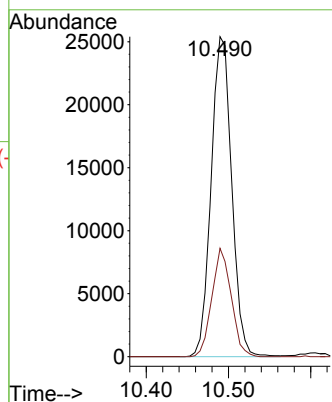
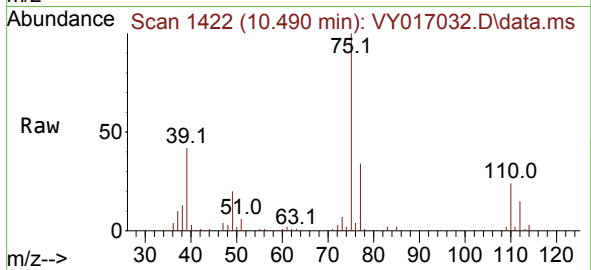




#53
 t-1,3-Dichloropropene
 Concen: 20.986 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

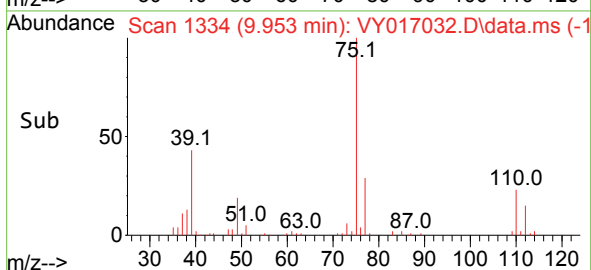
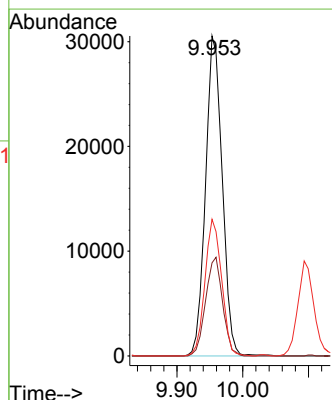
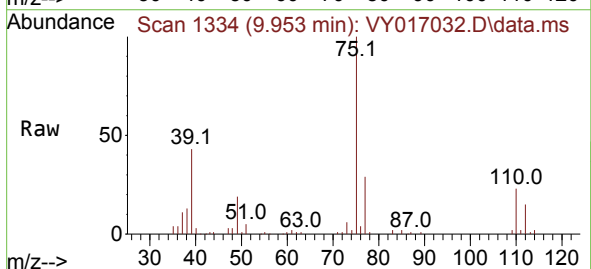
Instrument :
 MSVOA_Y
 ClientSampleId :

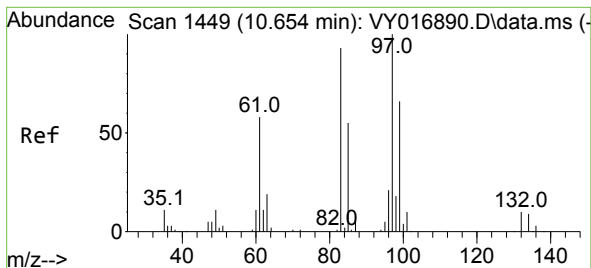
Tgt Ion: 75 Resp: 44152
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.379 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY017032.D
 Acq: 18 Jan 2024 11:59

Tgt Ion: 75 Resp: 54017
 Ion Ratio Lower Upper
 75 100
 77 29.1 24.6 36.8
 39 42.7 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 22.355 ug/l

RT: 10.673 min Scan# 1449

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 28567

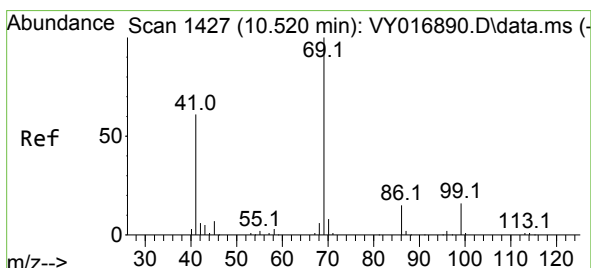
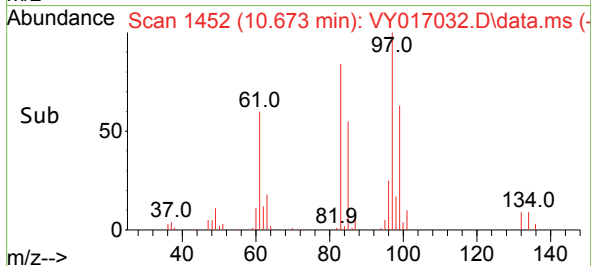
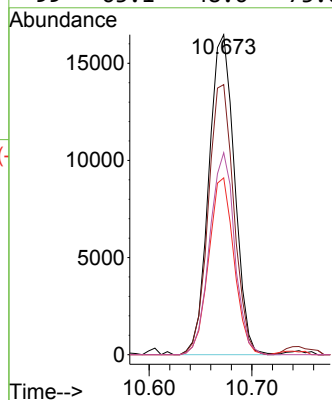
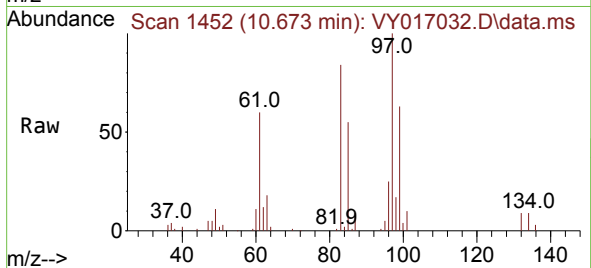
Ion Ratio Lower Upper

97 100

83 84.4 69.4 104.2

85 55.2 43.9 65.9

99 63.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 21.586 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

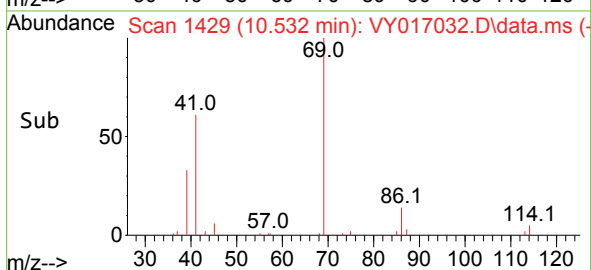
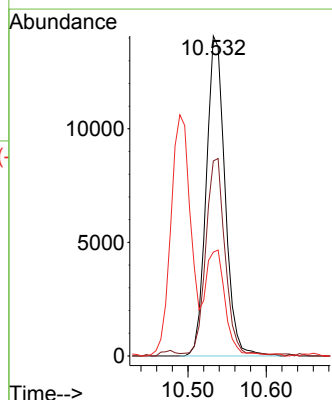
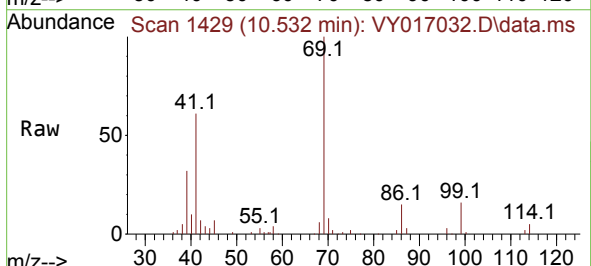
Tgt Ion: 69 Resp: 23364

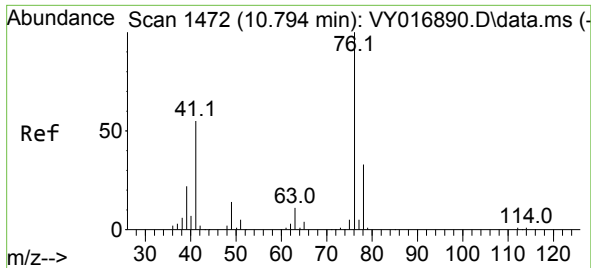
Ion Ratio Lower Upper

69 100

41 62.8 49.2 73.8

39 33.9 26.8 40.2

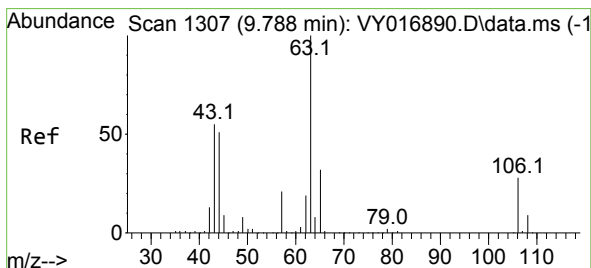
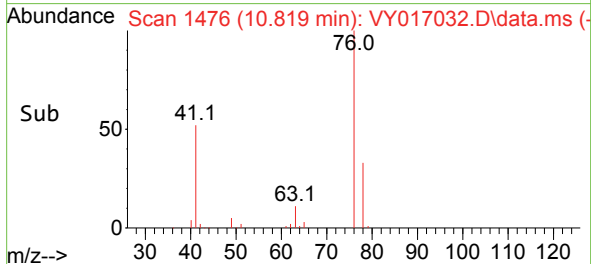
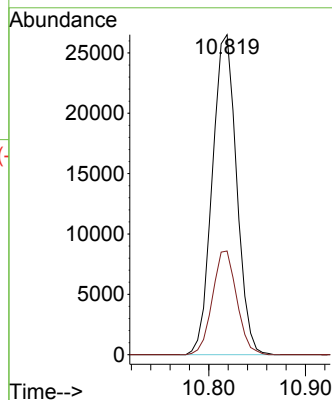
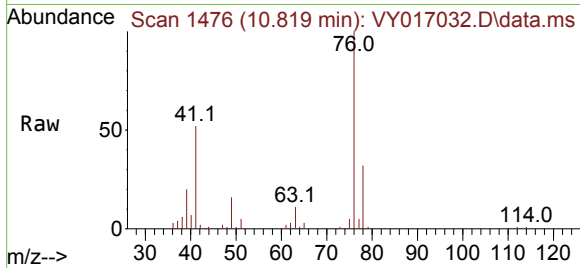




#57
1,3-Dichloropropane
Concen: 21.648 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

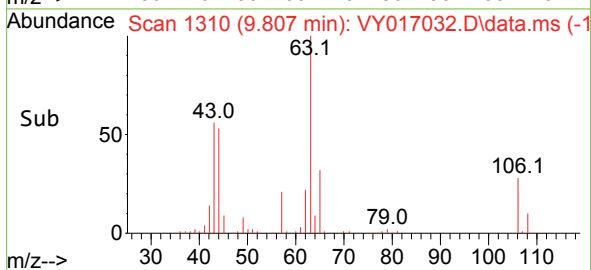
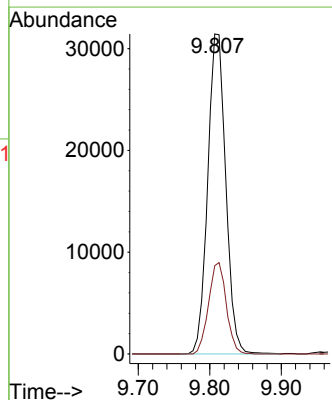
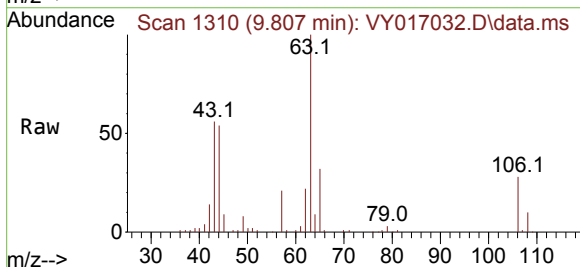
Instrument :
MSVOA_Y
ClientSampleId :

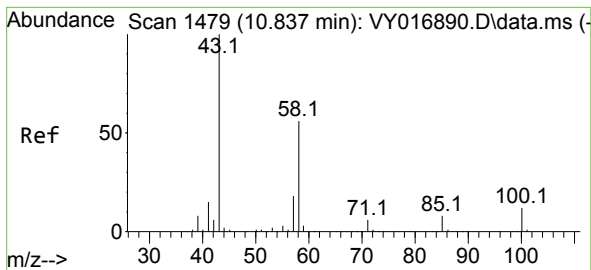
Tgt Ion: 76 Resp: 46187
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 92.669 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 63 Resp: 55081
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6

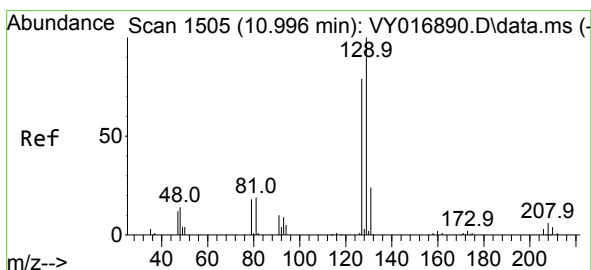
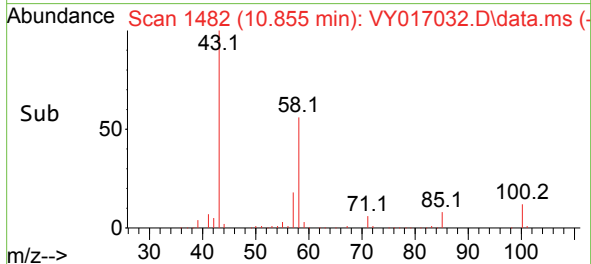
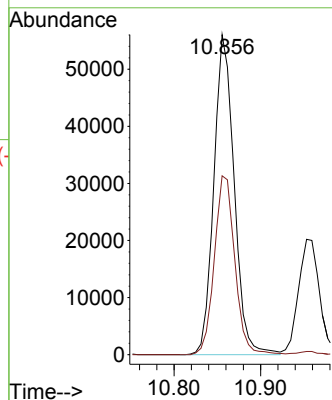
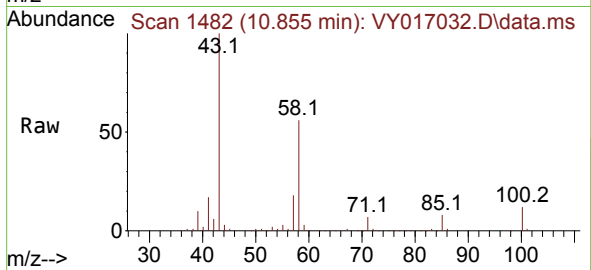




#59
2-Hexanone
Concen: 120.739 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

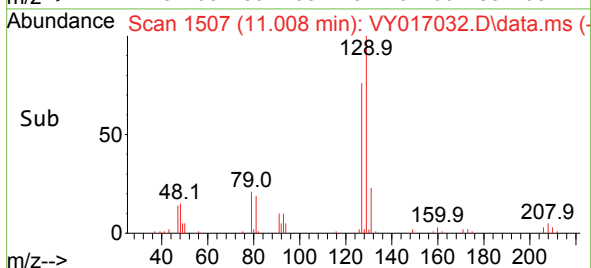
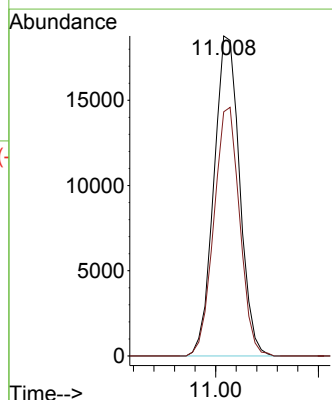
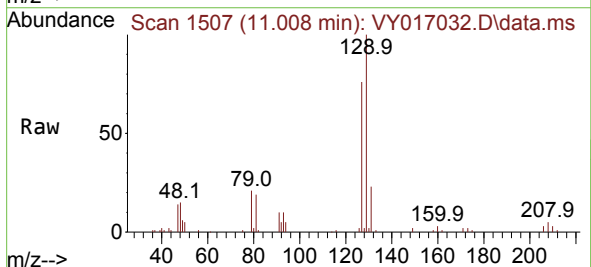
Instrument :
MSVOA_Y
ClientSampleId :

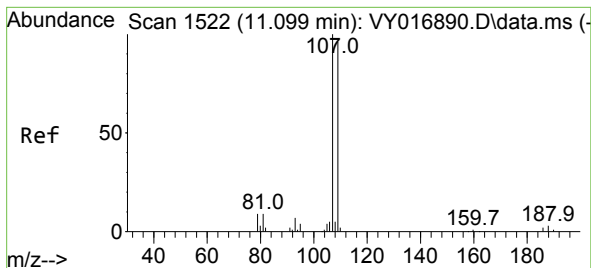
Tgt Ion: 43 Resp: 91313
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.3



#60
Dibromochloromethane
Concen: 22.085 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:129 Resp: 32545
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.682 ug/l

RT: 11.118 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

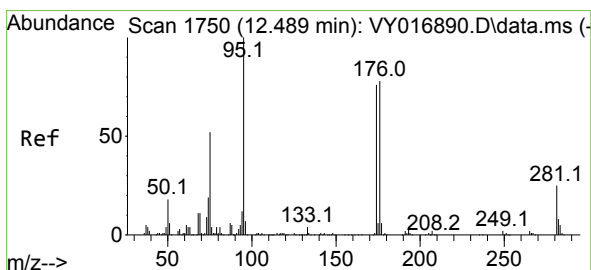
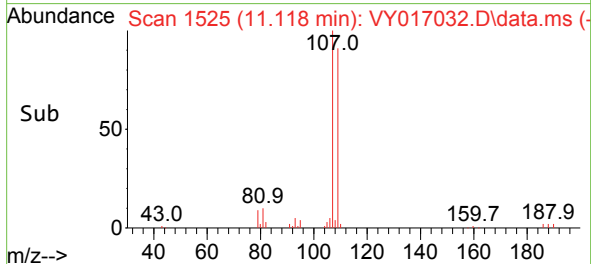
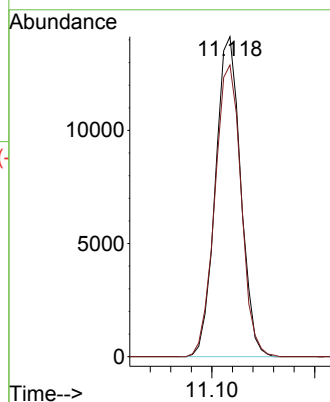
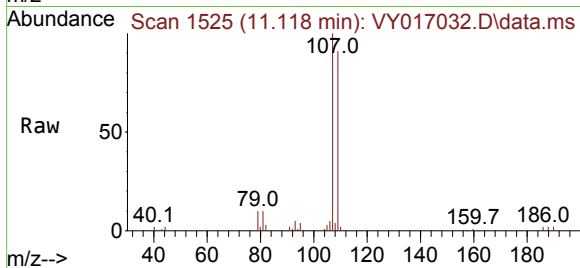
ClientSampleId :

Tgt Ion:107 Resp: 24072

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.273 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

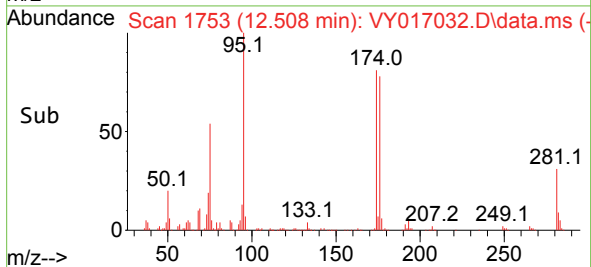
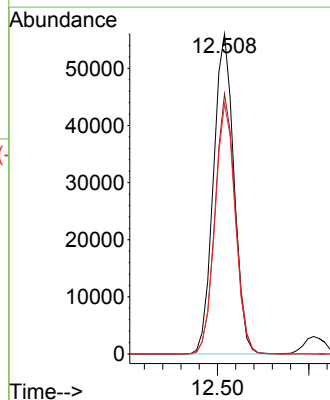
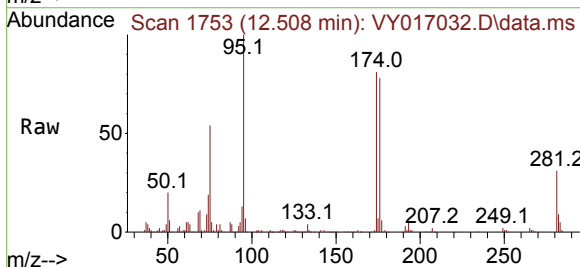
Tgt Ion: 95 Resp: 87173

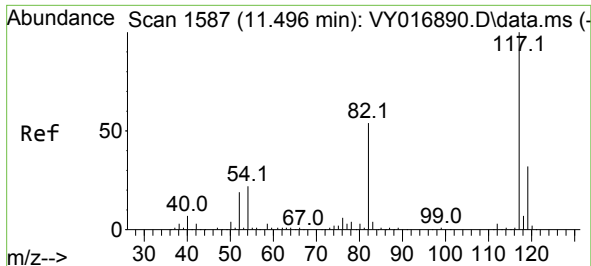
Ion Ratio Lower Upper

95 100

174 80.5 0.0 160.0

176 77.4 0.0 151.8

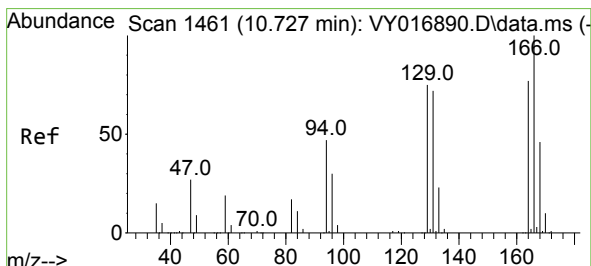
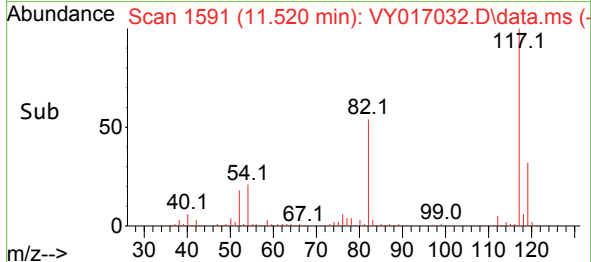
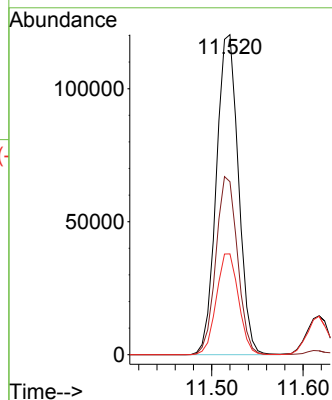
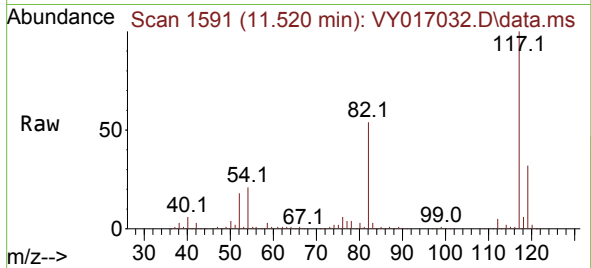




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

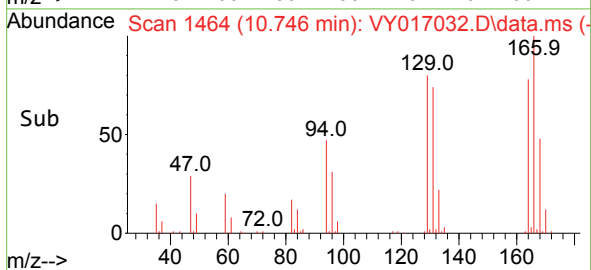
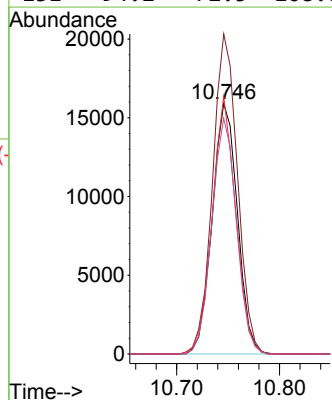
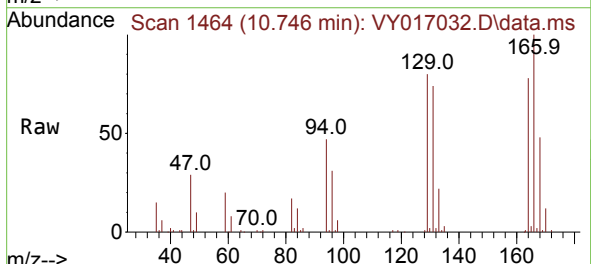
Instrument :
MSVOA_Y
ClientSampleId :

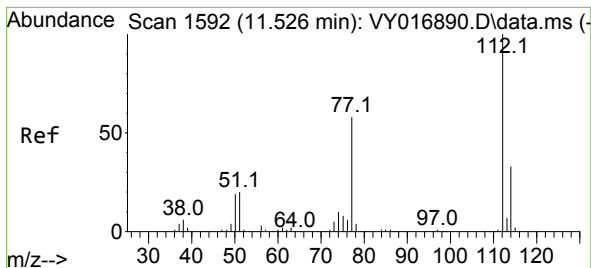
Tgt Ion:117 Resp: 202063
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 20.592 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion:164 Resp: 26976
Ion Ratio Lower Upper
164 100
166 127.9 98.8 148.2
129 102.8 78.9 118.3
131 94.2 72.5 108.7





#65

Chlorobenzene

Concen: 21.719 ug/l

RT: 11.544 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

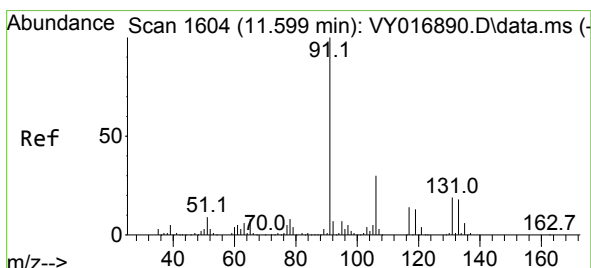
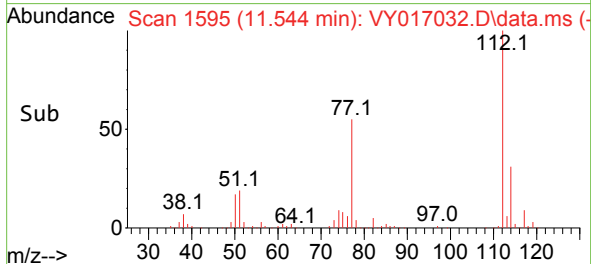
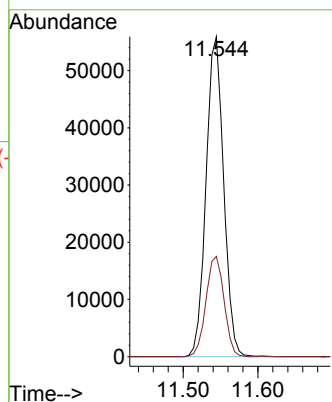
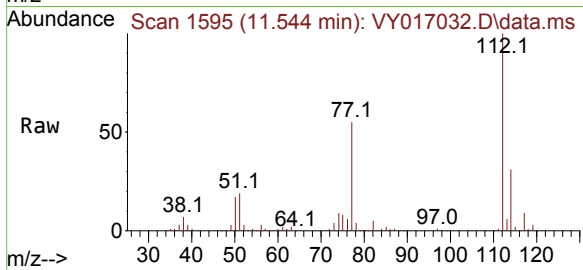
ClientSampleId :

Tgt Ion:112 Resp: 91423

Ion Ratio Lower Upper

112 100

114 31.4 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.776 ug/l

RT: 11.618 min Scan# 1607

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

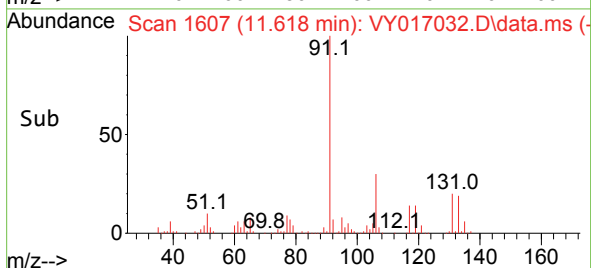
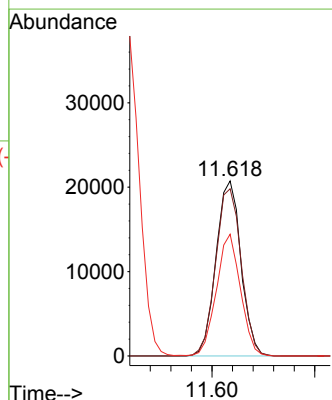
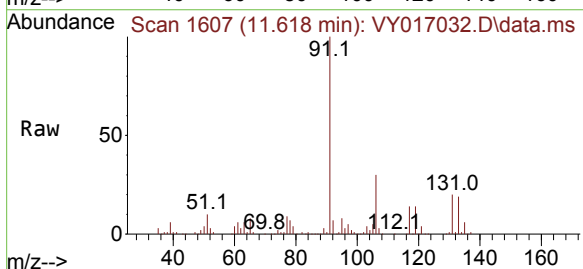
Tgt Ion:131 Resp: 34844

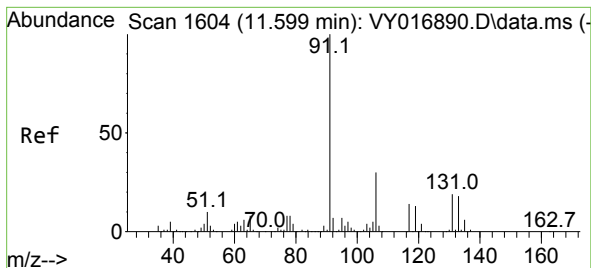
Ion Ratio Lower Upper

131 100

133 98.4 47.0 141.0

119 67.4 33.3 99.9





#67

Ethyl Benzene

Concen: 21.396 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

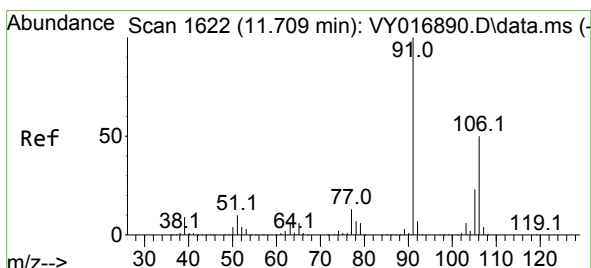
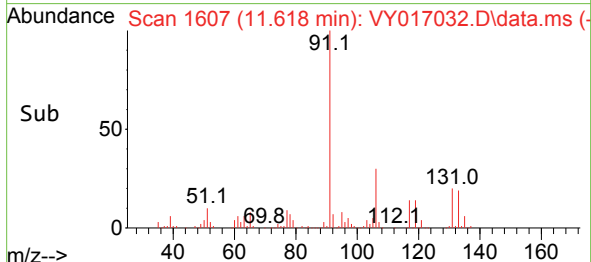
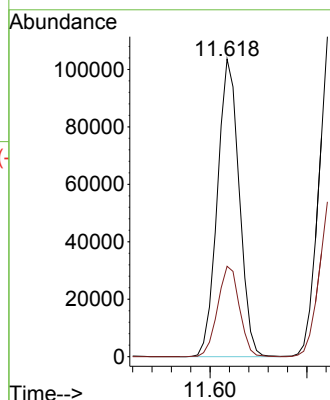
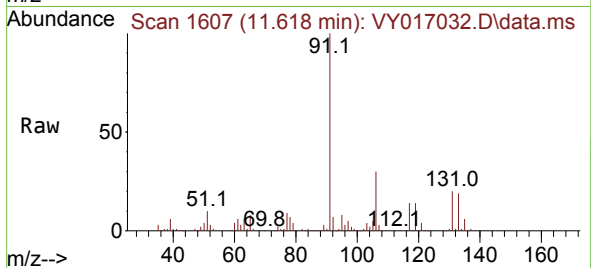
ClientSampleId :

Tgt Ion: 91 Resp: 162146

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 42.933 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017032.D

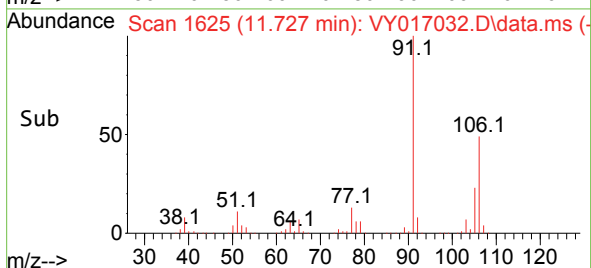
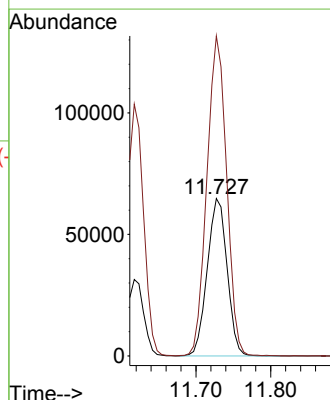
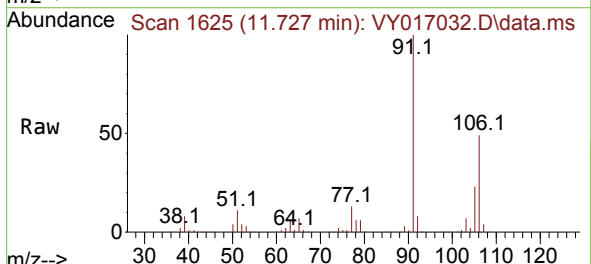
Acq: 18 Jan 2024 11:59

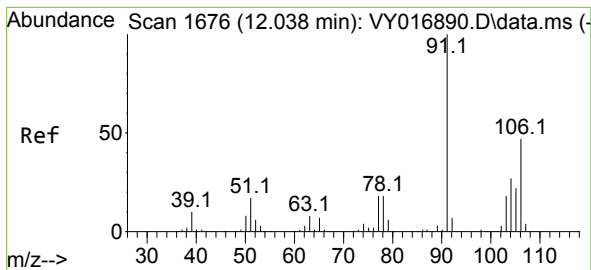
Tgt Ion:106 Resp: 119425

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 21.584 ug/l

RT: 12.057 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

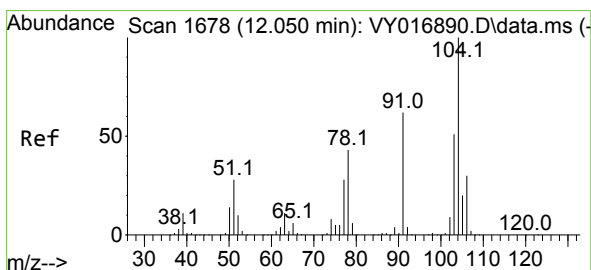
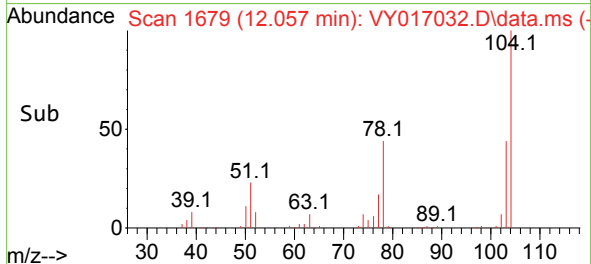
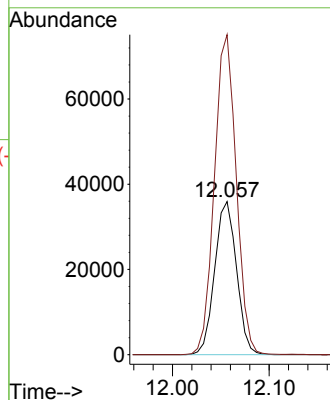
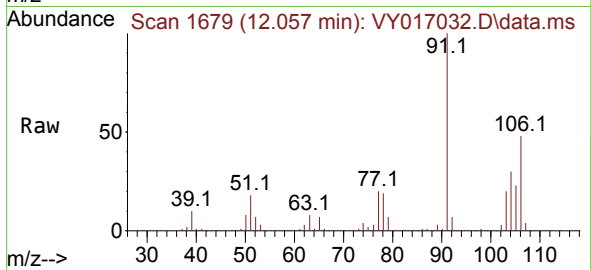
ClientSampleId :

Tgt Ion:106 Resp: 56286

Ion Ratio Lower Upper

106 100

91 209.3 106.5 319.5



#70

Styrene

Concen: 22.033 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

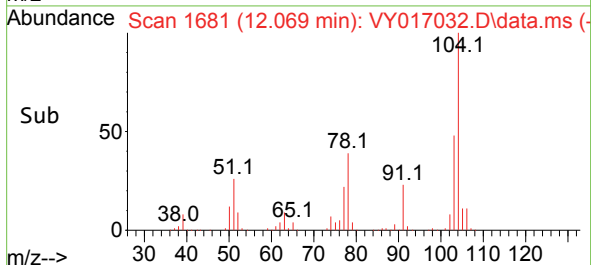
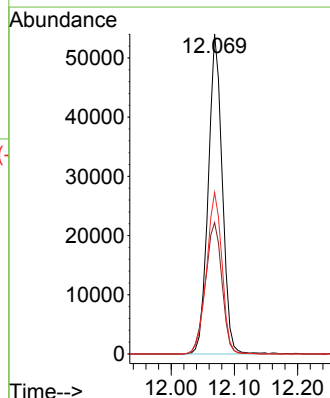
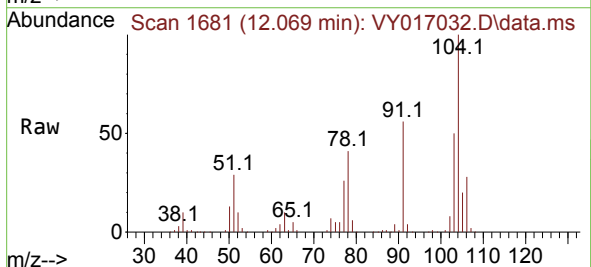
Tgt Ion:104 Resp: 83625

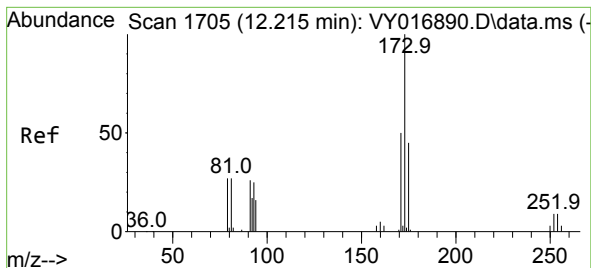
Ion Ratio Lower Upper

104 100

78 48.5 39.2 58.8

103 55.5 43.8 65.6





#71

Bromoform

Concen: 22.560 ug/l

RT: 12.233 min Scan# 1708

Delta R.T. 0.018 min

Lab File: VY017032.D

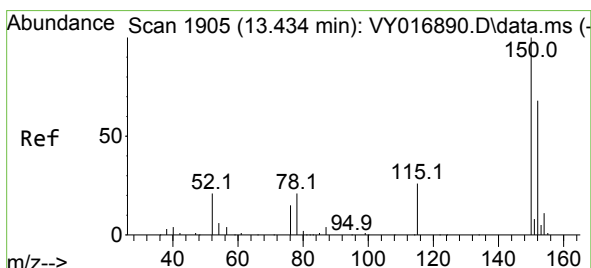
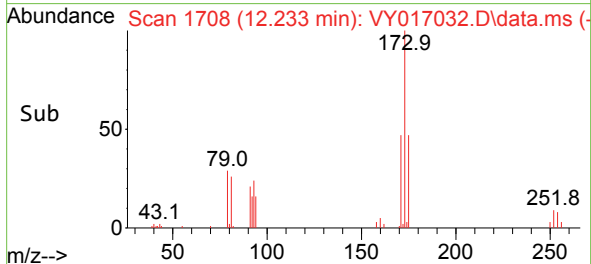
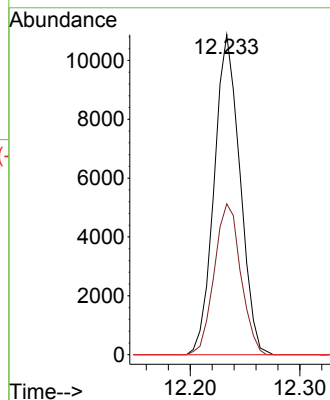
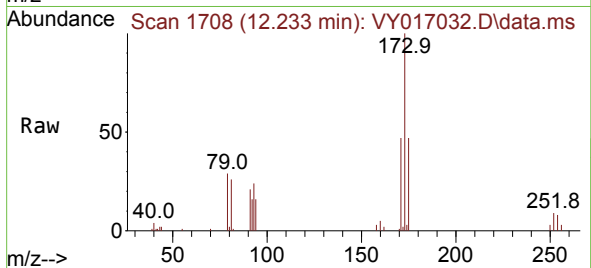
Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	17771
Ion Ratio	Lower	Upper
173	100	
175	48.4	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

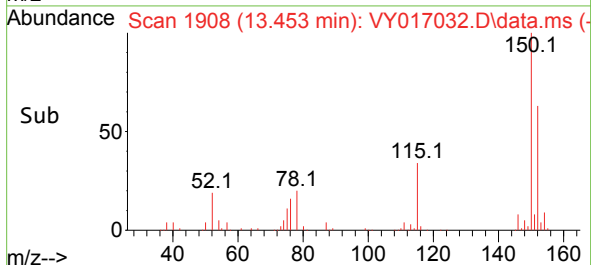
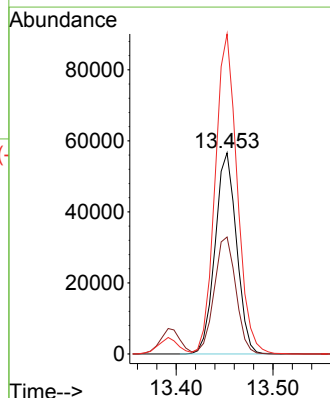
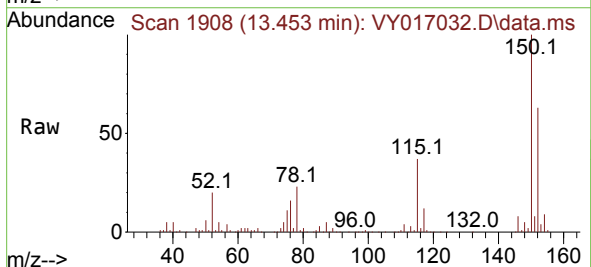
RT: 13.453 min Scan# 1908

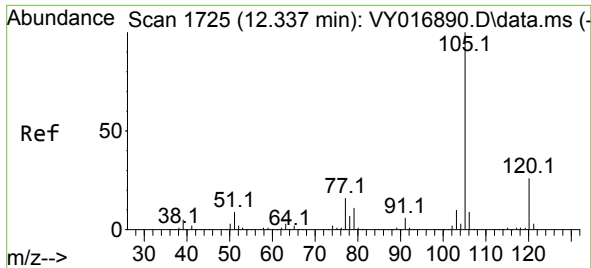
Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:152	Resp:	87126
Ion Ratio	Lower	Upper
152	100	
115	58.9	30.0 90.0
150	163.5	0.0 344.6

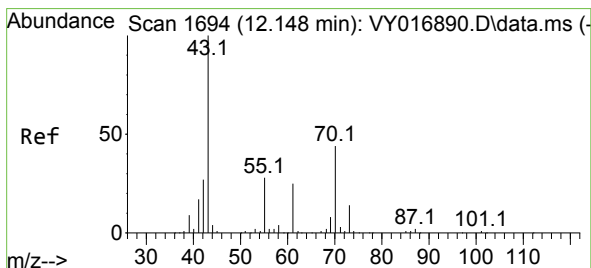
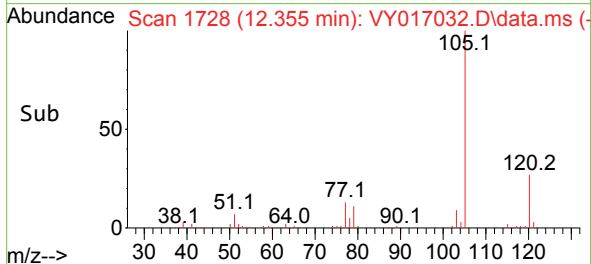
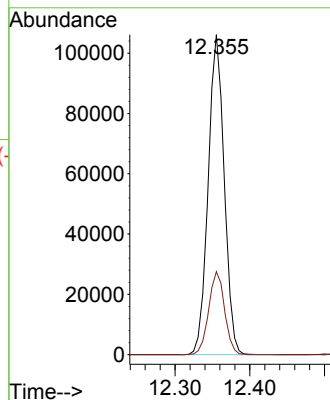
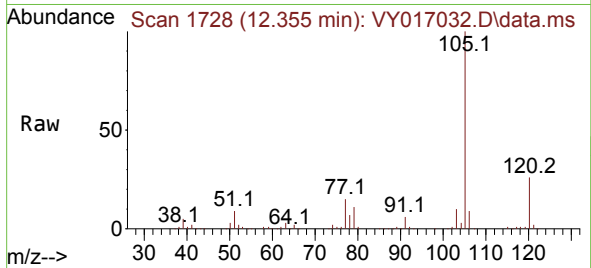




#73
Isopropylbenzene
Concen: 22.213 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

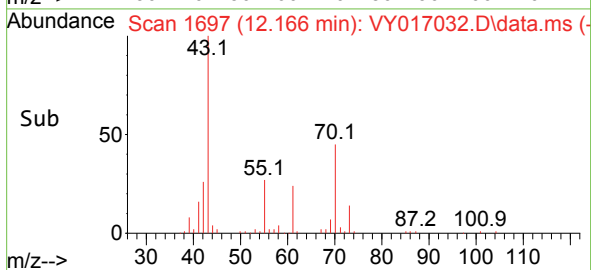
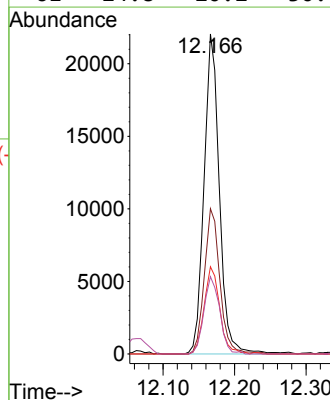
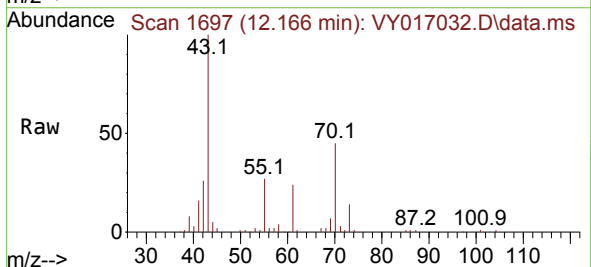
Instrument :
MSVOA_Y
ClientSampleId :

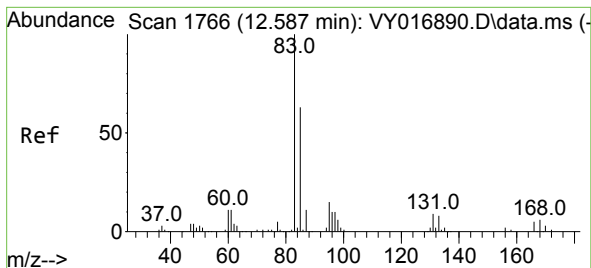
Tgt Ion:105 Resp: 158042
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 23.003 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 43 Resp: 32882
Ion Ratio Lower Upper
43 100
70 46.2 36.6 55.0
55 27.8 22.2 33.4
61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.526 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

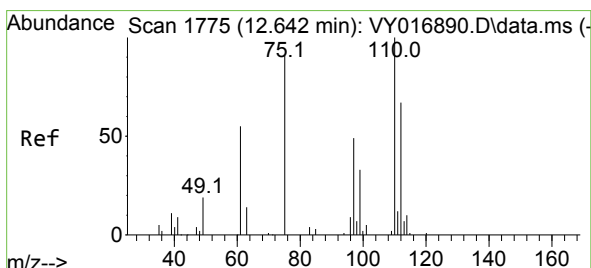
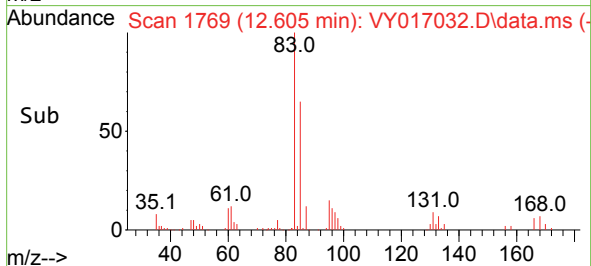
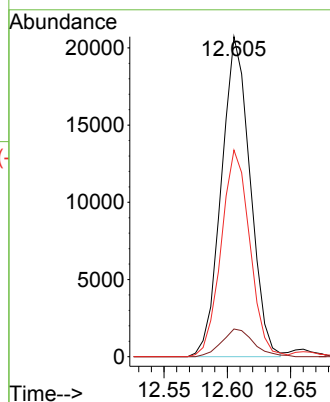
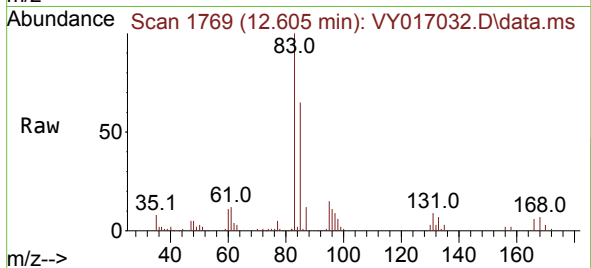
Tgt Ion: 83 Resp: 32655

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 39.888 ug/l

RT: 12.660 min Scan# 1778

Delta R.T. 0.018 min

Lab File: VY017032.D

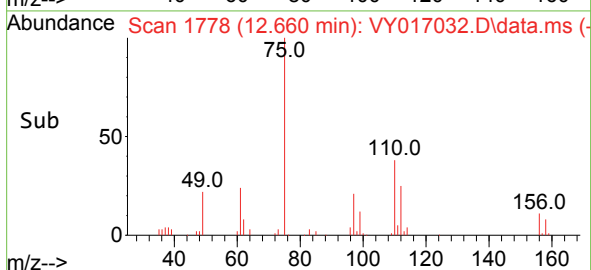
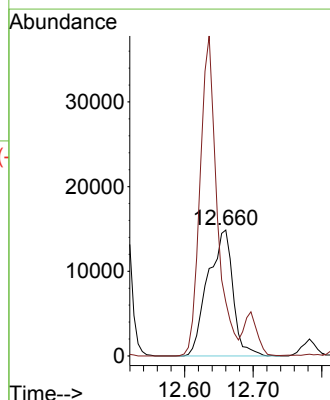
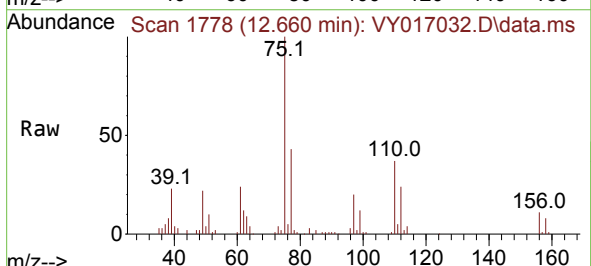
Acq: 18 Jan 2024 11:59

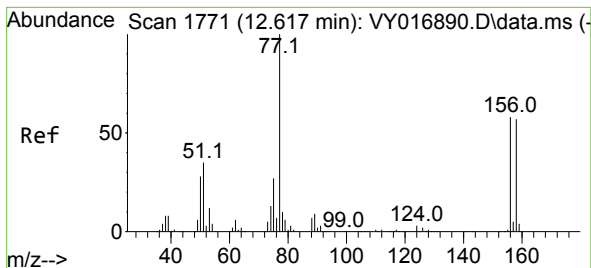
Tgt Ion: 75 Resp: 37713

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.773 ug/l

RT: 12.636 min Scan# 1771

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

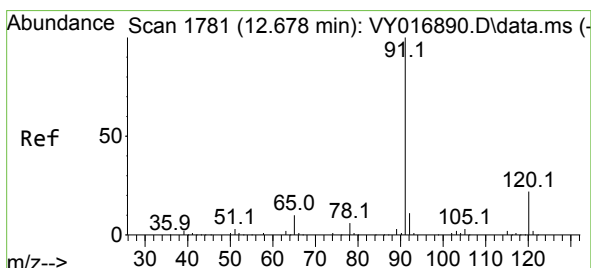
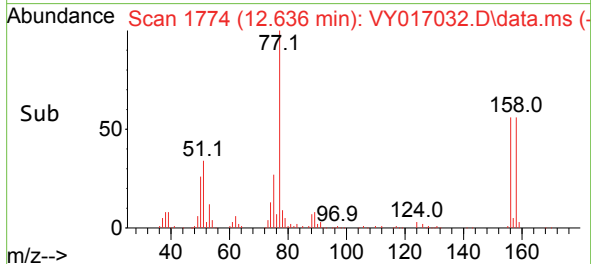
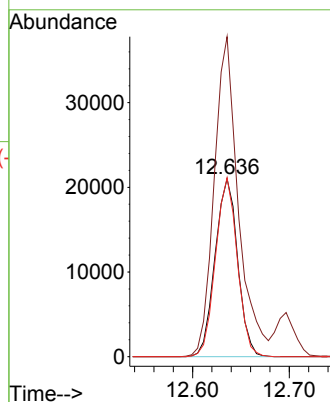
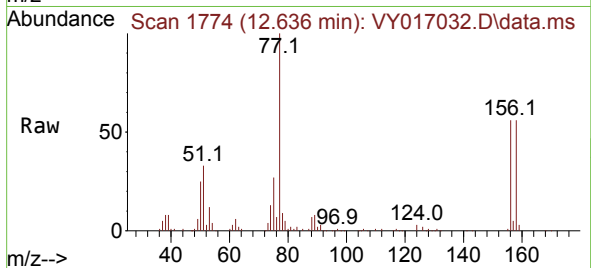
Tgt Ion:156 Resp: 34107

Ion Ratio Lower Upper

156 100

77 192.3 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 21.955 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.019 min

Lab File: VY017032.D

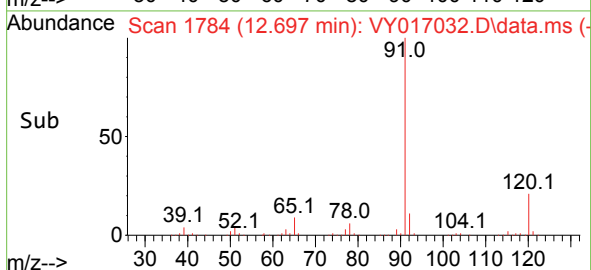
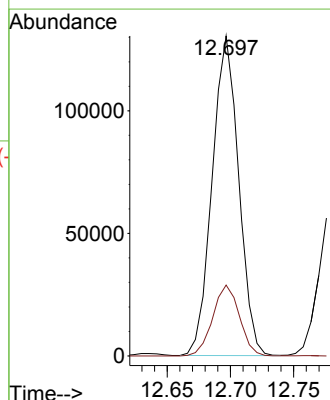
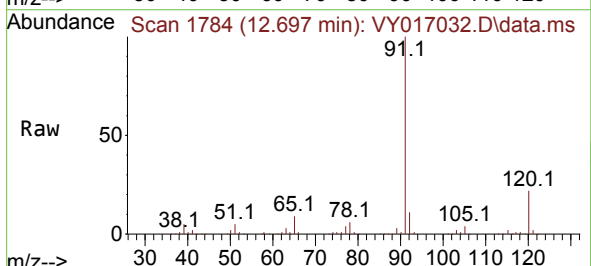
Acq: 18 Jan 2024 11:59

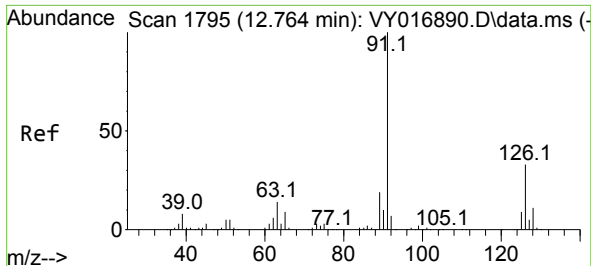
Tgt Ion: 91 Resp: 189900

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.367 ug/l

RT: 12.782 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

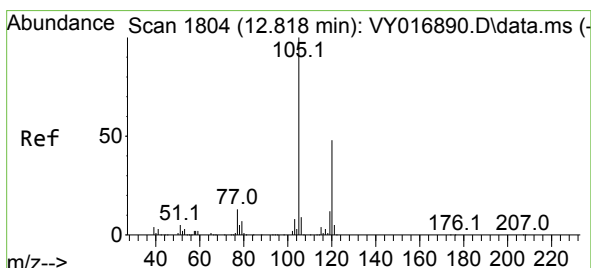
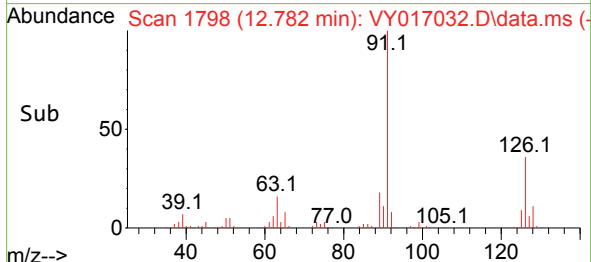
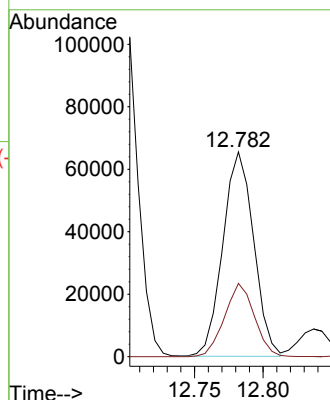
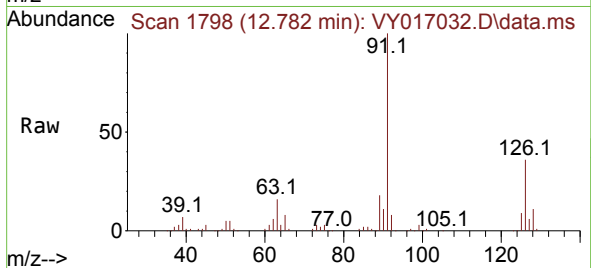
ClientSampleId :

Tgt Ion: 91 Resp: 102482

Ion Ratio Lower Upper

91 100

126 34.8 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.267 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017032.D

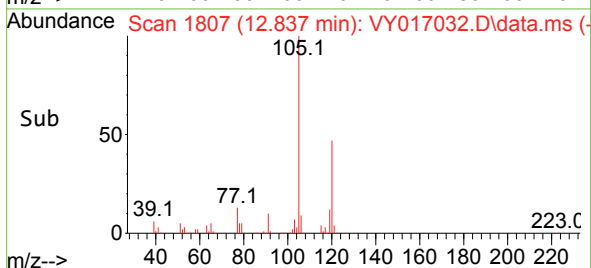
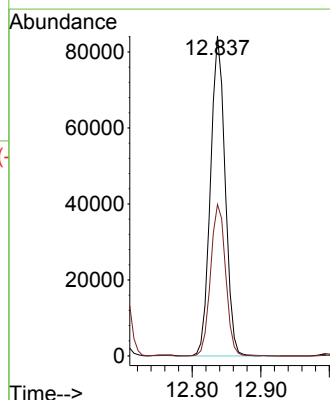
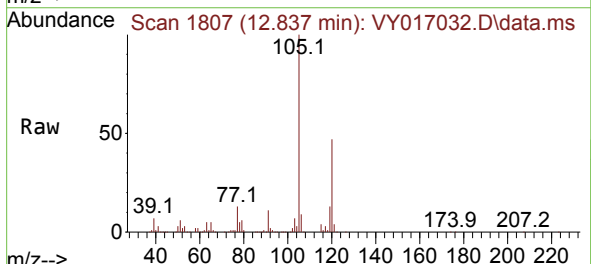
Acq: 18 Jan 2024 11:59

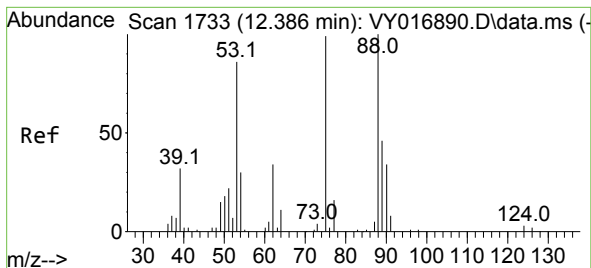
Tgt Ion:105 Resp: 125294

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.613 ug/l

RT: 12.404 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

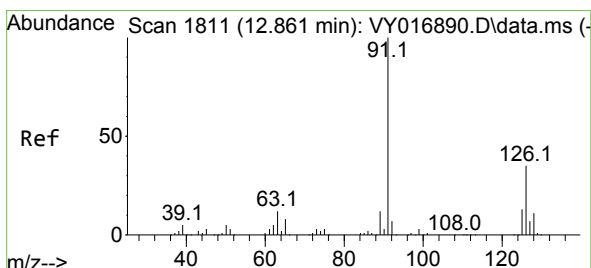
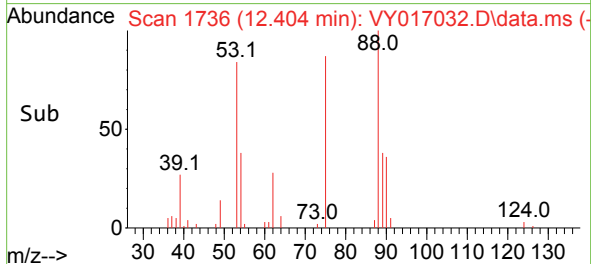
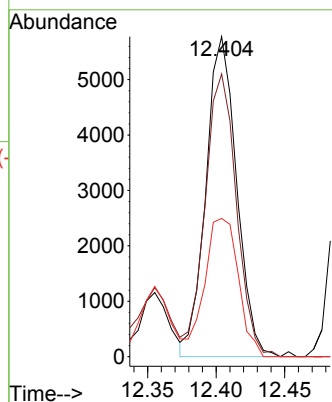
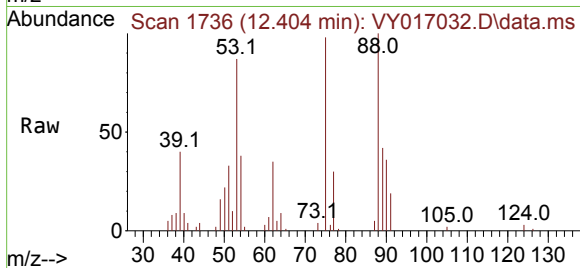
Tgt Ion: 75 Resp: 8999

Ion Ratio Lower Upper

75 100

53 90.3 74.0 111.0

89 46.7 36.5 54.7



#82

4-Chlorotoluene

Concen: 22.271 ug/l

RT: 12.880 min Scan# 1814

Delta R.T. 0.019 min

Lab File: VY017032.D

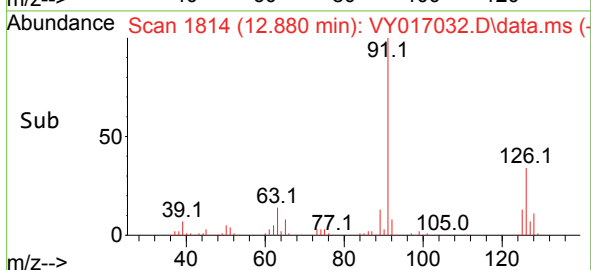
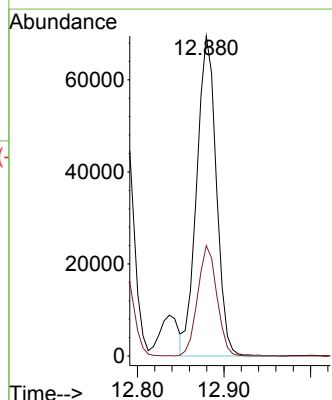
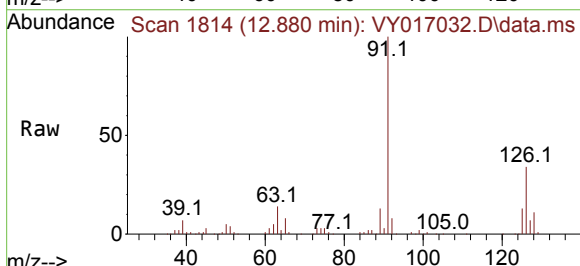
Acq: 18 Jan 2024 11:59

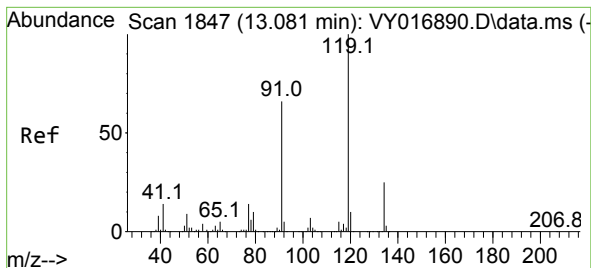
Tgt Ion: 91 Resp: 109129

Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.211 ug/l

RT: 13.099 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

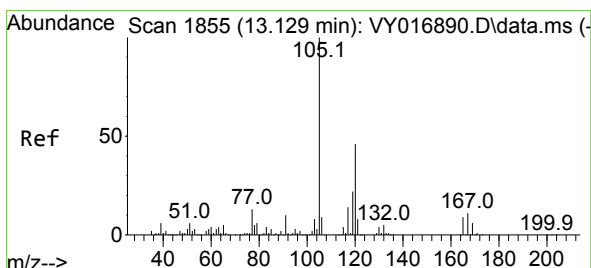
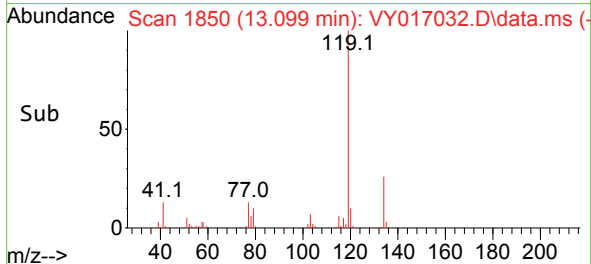
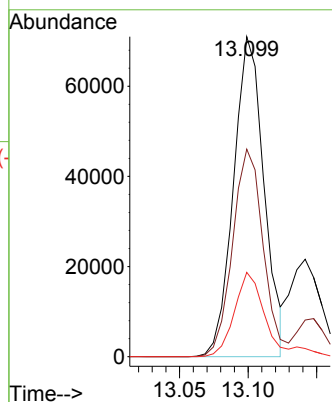
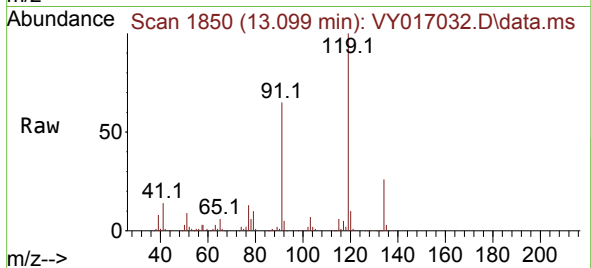
Tgt Ion:119 Resp: 110082

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 27.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 22.199 ug/l

RT: 13.148 min Scan# 1858

Delta R.T. 0.019 min

Lab File: VY017032.D

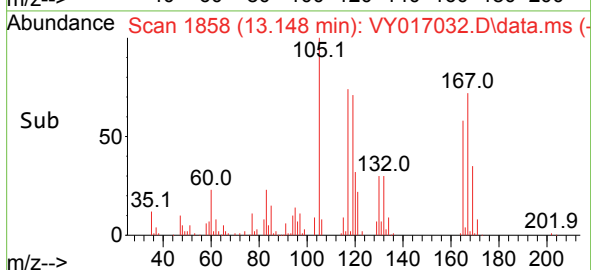
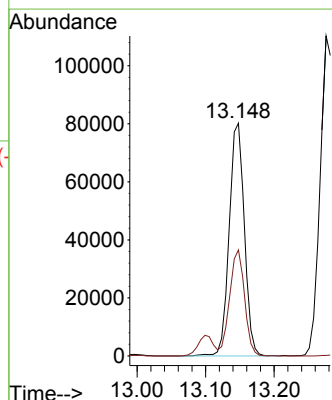
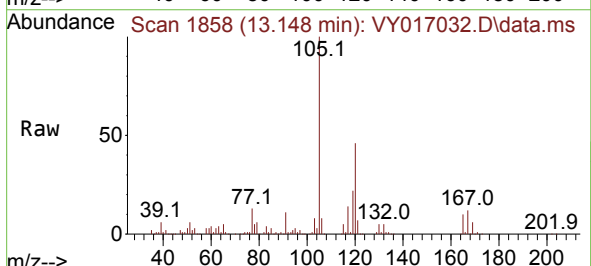
Acq: 18 Jan 2024 11:59

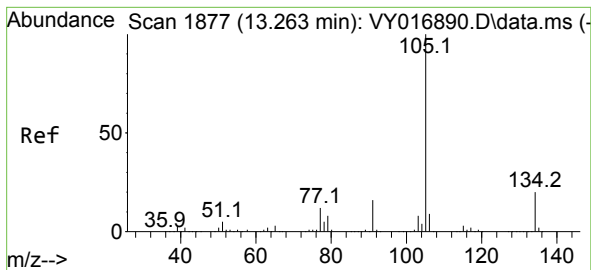
Tgt Ion:105 Resp: 123012

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.401 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

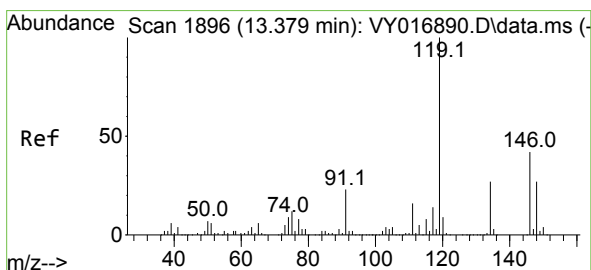
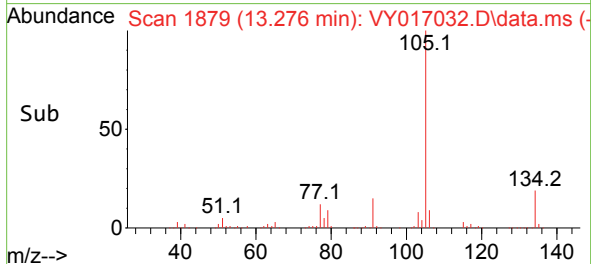
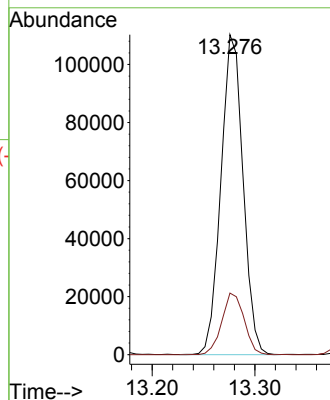
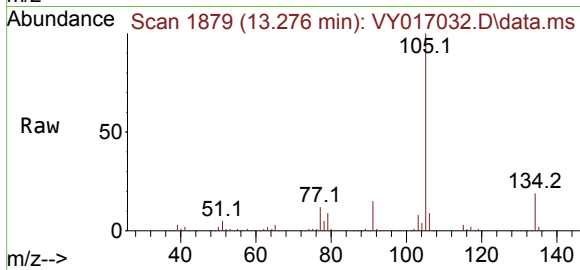
ClientSampleId :

Tgt Ion:105 Resp: 164503

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.034 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

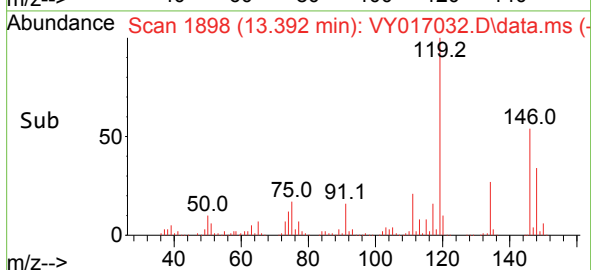
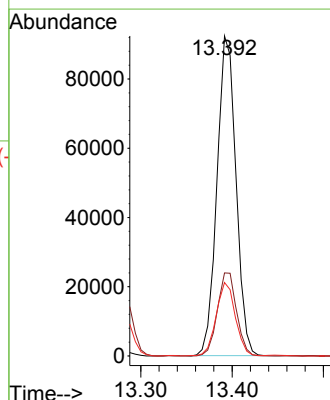
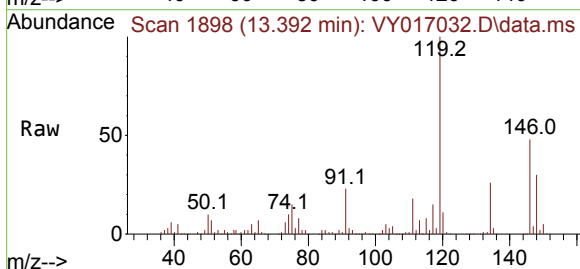
Tgt Ion:119 Resp: 133543

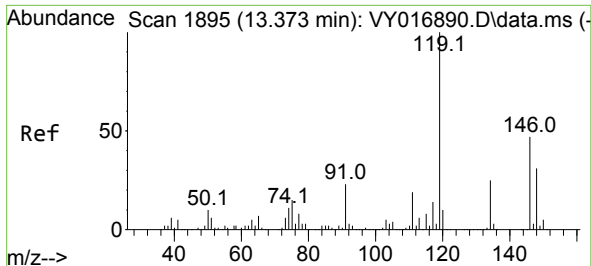
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

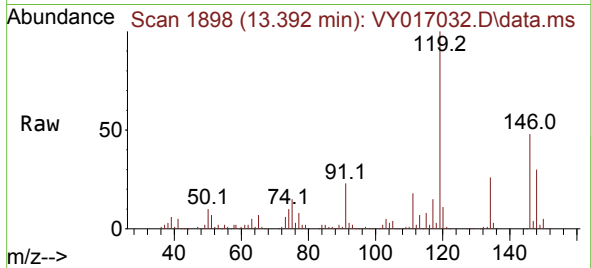
91 23.0 11.7 35.0



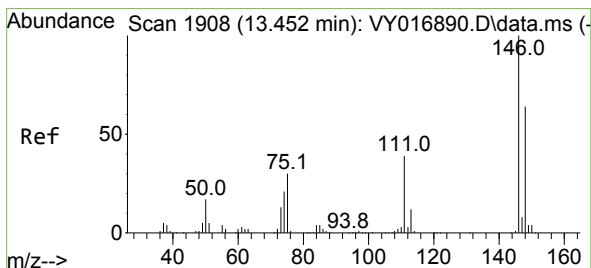
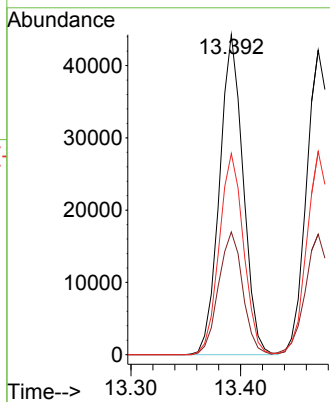
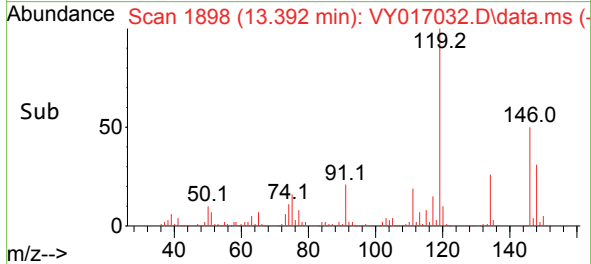


#87
1,3-Dichlorobenzene
Concen: 21.590 ug/l
RT: 13.392 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

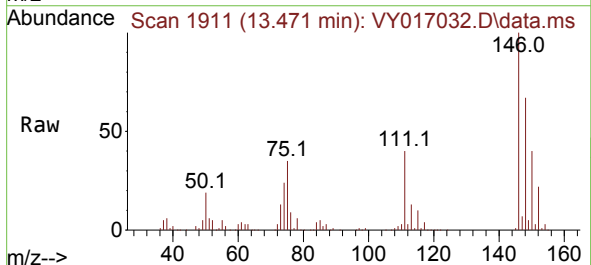
Instrument :
MSVOA_Y
ClientSampleId :



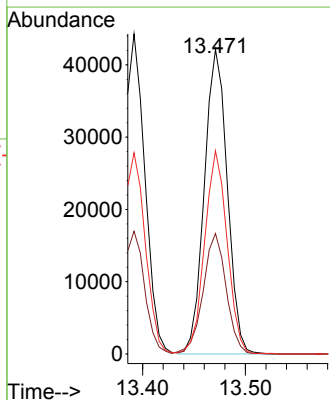
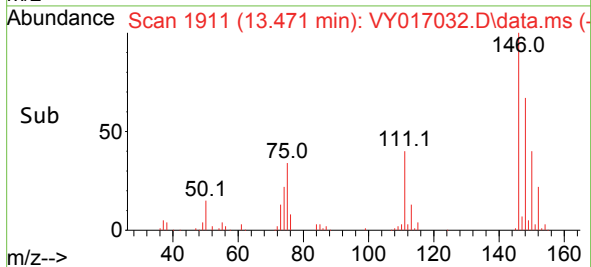
Tgt Ion:146 Resp: 66327
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.5
148 64.7 31.9 95.9

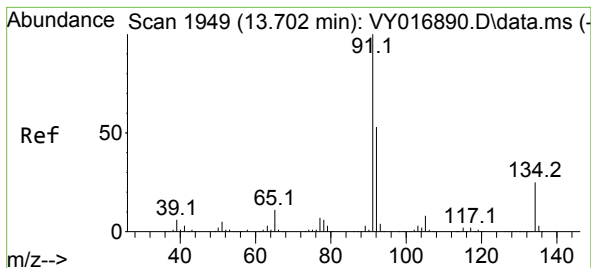


#88
1,4-Dichlorobenzene
Concen: 21.763 ug/l
RT: 13.471 min Scan# 1911
Delta R.T. 0.019 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59



Tgt Ion:146 Resp: 65395
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.9
148 65.5 31.6 94.7





#89

n-Butylbenzene

Concen: 22.088 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.019 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

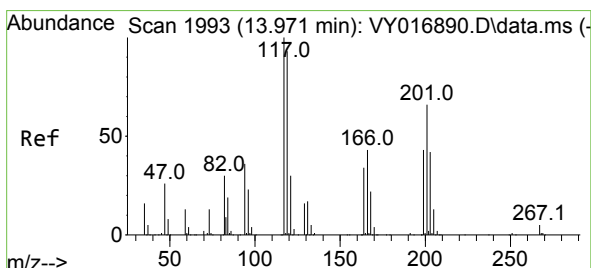
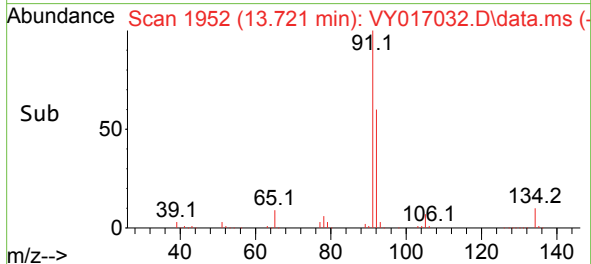
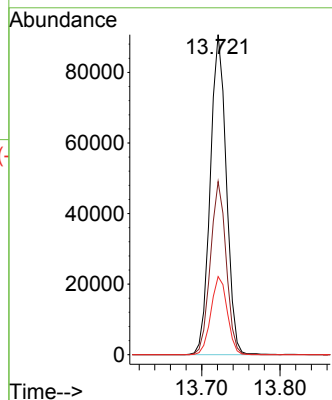
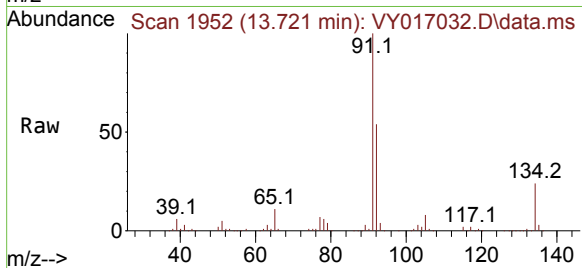
Tgt Ion: 91 Resp: 128712

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 21.798 ug/l

RT: 13.989 min Scan# 1996

Delta R.T. 0.018 min

Lab File: VY017032.D

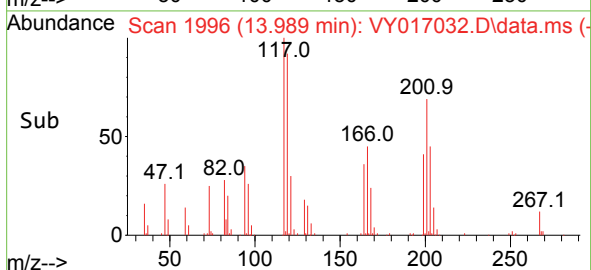
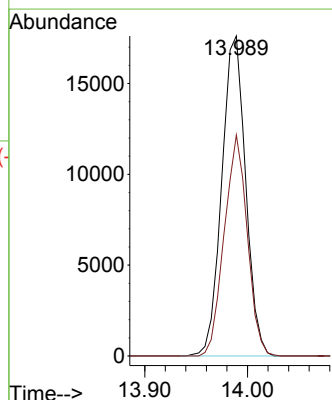
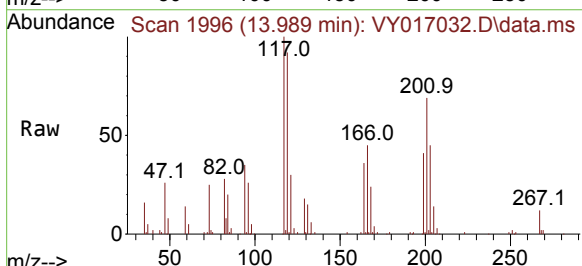
Acq: 18 Jan 2024 11:59

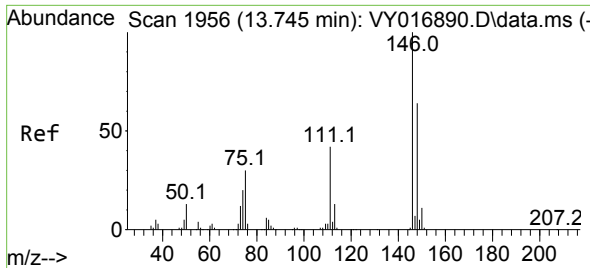
Tgt Ion: 117 Resp: 28388

Ion Ratio Lower Upper

117 100

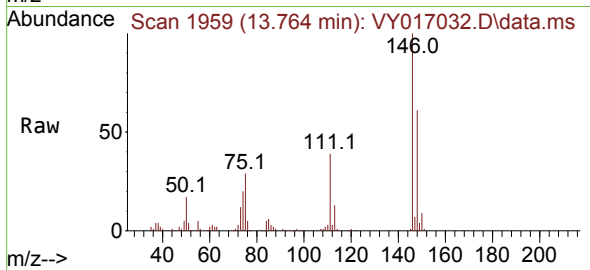
201 66.6 33.4 100.1



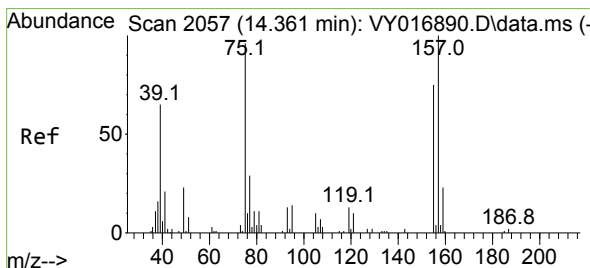
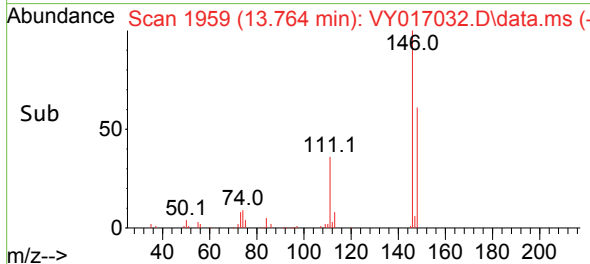
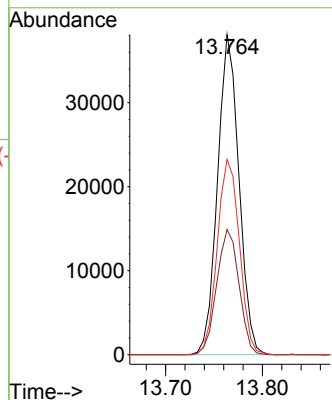


#91
1,2-Dichlorobenzene
Concen: 22.050 ug/l
RT: 13.764 min Scan# 1959
Delta R.T. 0.013 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Instrument :
MSVOA_Y
ClientSampleId :

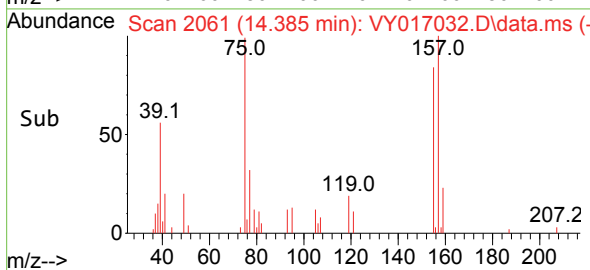
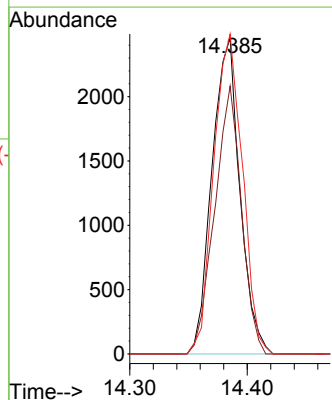
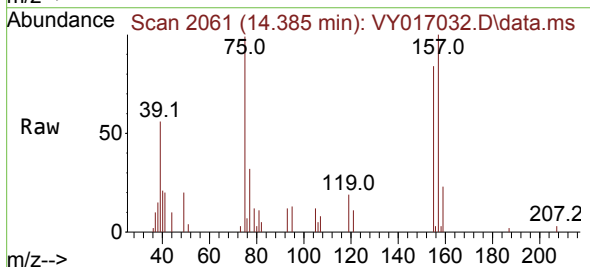


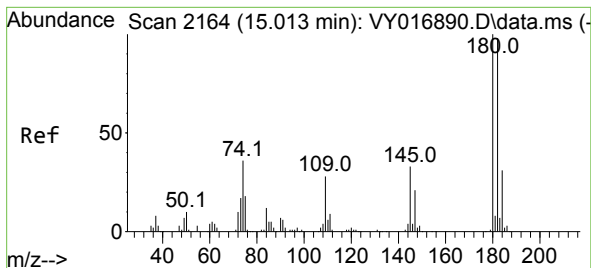
Tgt Ion:146 Resp: 58541
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 63.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.262 ug/l
RT: 14.385 min Scan# 2061
Delta R.T. 0.018 min
Lab File: VY017032.D
Acq: 18 Jan 2024 11:59

Tgt Ion: 75 Resp: 4047
Ion Ratio Lower Upper
75 100
155 81.2 42.1 126.3
157 104.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.661 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

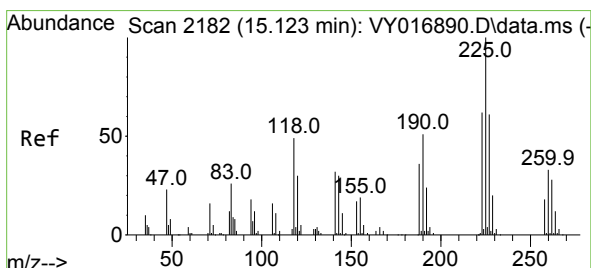
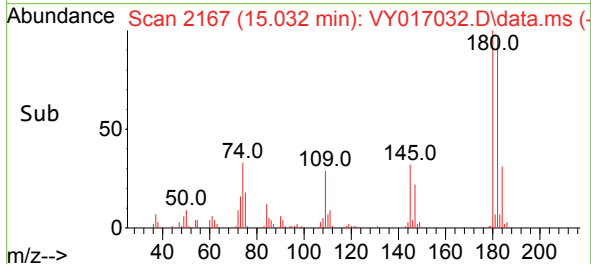
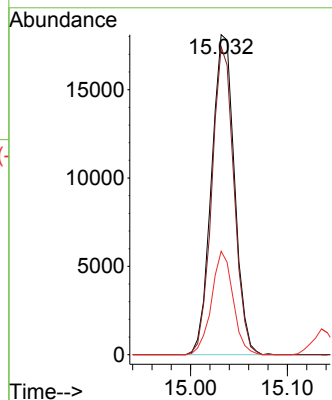
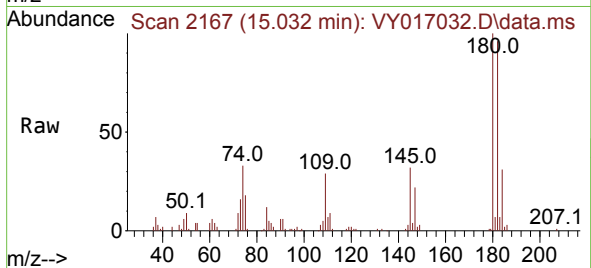
Tgt Ion:180 Resp: 29876

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.038 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

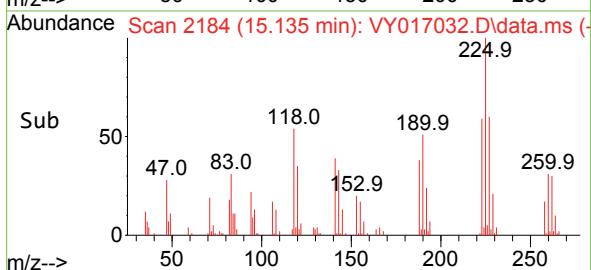
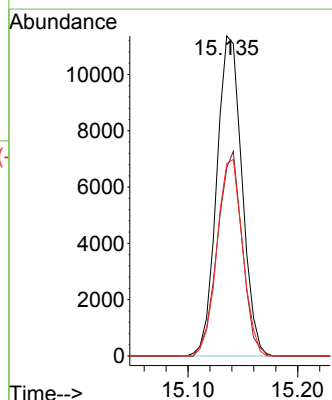
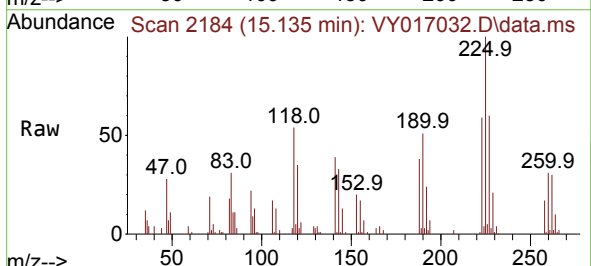
Tgt Ion:225 Resp: 18201

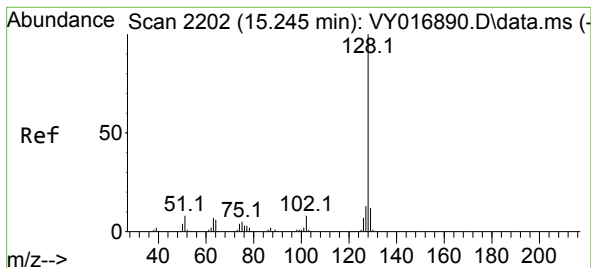
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 62.2 32.3 96.8





#95

Naphthalene

Concen: 23.542 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017032.D

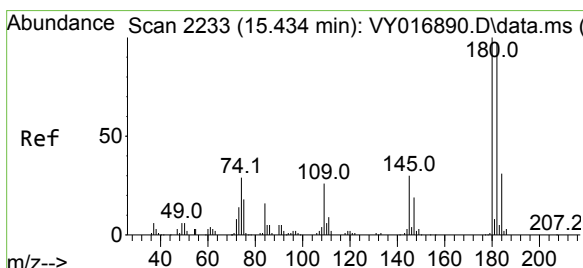
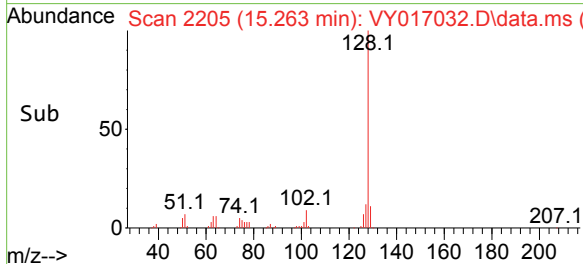
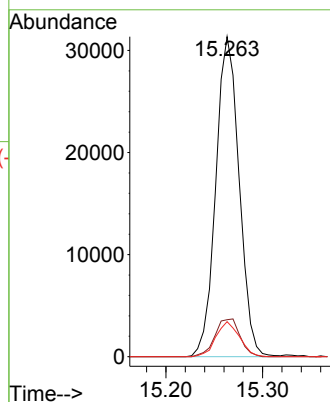
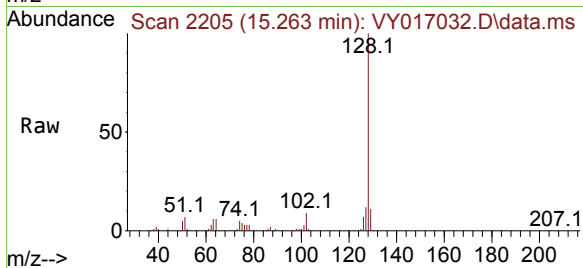
Acq: 18 Jan 2024 11:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	52551
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	11.0	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.977 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.018 min

Lab File: VY017032.D

Acq: 18 Jan 2024 11:59

Tgt Ion:180	Resp:	24602
Ion Ratio	Lower	Upper
180	100	
182	94.5	46.3 138.8
145	32.1	16.1 48.2

