

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017031.D
 Acq On : 18 Jan 2024 11:25
 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 02:25:11 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	142934	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	245991	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	207066	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	87402	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	60339	42.712	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.420%
35) Dibromofluoromethane	7.752	113	65559	41.823	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.640%
50) Toluene-d8	10.203	98	223339	41.375	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.760%
62) 4-Bromofluorobenzene	12.507	95	74416	40.862	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	17769	14.422	ug/l	93
3) Chloromethane	2.137	50	24532	14.610	ug/l	96
4) Vinyl Chloride	2.278	62	30201	15.249	ug/l	99
5) Bromomethane	2.674	94	23705	16.707	ug/l	99
6) Chloroethane	2.820	64	21217	15.837	ug/l	98
7) Trichlorofluoromethane	3.156	101	41628	17.059	ug/l	96
8) Diethyl Ether	3.558	74	13934	17.867	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.936	101	27945	17.612	ug/l	100
10) Methyl Iodide	4.131	142	19447	14.407	ug/l	96
11) Tert butyl alcohol	4.991	59	11570	91.534	ug/l #	91
12) 1,1-Dichloroethene	3.905	96	23128	16.988	ug/l	95
13) Acrolein	3.759	56	13305	81.049	ug/l	93
14) Allyl chloride	4.521	41	35787	16.628	ug/l	98
15) Acrylonitrile	5.210	53	34891	95.649	ug/l	99
16) Acetone	3.979	43	44022	113.229	ug/l	99
17) Carbon Disulfide	4.235	76	41855	12.867	ug/l	99
18) Methyl Acetate	4.515	43	24836	16.409	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	65956	18.622	ug/l	99
20) Methylene Chloride	4.759	84	31698	11.572	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	25503	16.356	ug/l	96
22) Diisopropyl ether	6.161	45	92890	18.669	ug/l	96
23) Vinyl Acetate	6.106	43	217374	95.278	ug/l	99
24) 1,1-Dichloroethane	6.064	63	53103	17.760	ug/l	98
25) 2-Butanone	7.027	43	53477	105.314	ug/l	97
26) 2,2-Dichloropropane	7.015	77	46546	17.954	ug/l	99
27) cis-1,2-Dichloroethene	7.027	96	32513	17.788	ug/l	98
28) Bromochloromethane	7.368	49	21016	18.722	ug/l	98
29) Tetrahydrofuran	7.380	42	26499	92.678	ug/l	98
30) Chloroform	7.539	83	57019	18.505	ug/l	98
31) Cyclohexane	7.819	56	39358	16.232	ug/l #	95
32) 1,1,1-Trichloroethane	7.734	97	47436	18.156	ug/l	99
36) 1,1-Dichloropropene	7.947	75	38644	16.916	ug/l	99
37) Ethyl Acetate	7.112	43	19530	18.812	ug/l #	79
38) Carbon Tetrachloride	7.935	117	40888	17.617	ug/l	99
39) Methylcyclohexane	9.209	83	40537	15.784	ug/l	99
40) Benzene	8.191	78	116122	16.945	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	10240	18.728	ug/l	94
42) 1,2-Dichloroethane	8.264	62	32636	17.939	ug/l	99
43) Isopropyl Acetate	8.301	43	35696	17.955	ug/l	100
44) Trichloroethene	8.965	130	30310	17.382	ug/l	92
45) 1,2-Dichloropropane	9.246	63	31280	17.718	ug/l	100
46) Dibromomethane	9.331	93	15655	17.387	ug/l	99
47) Bromodichloromethane	9.520	83	43004	17.786	ug/l	99
48) Methyl methacrylate	9.319	41	17884	16.669	ug/l	91
49) 1,4-Dioxane	9.325	88	3500	375.417	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	97844	92.543	ug/l	100
52) Toluene	10.270	92	71935	17.393	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	38065	17.576	ug/l	97
54) cis-1,3-Dichloropropene	9.953	75	45042	17.318	ug/l	96
55) 1,1,2-Trichloroethane	10.666	97	23537	17.893	ug/l	95
56) Ethyl methacrylate	10.532	69	19660	17.646	ug/l	100
57) 1,3-Dichloropropane	10.813	76	39742	18.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	45266	77.498	ug/l	98
59) 2-Hexanone	10.855	43	74965	96.293	ug/l	98
60) Dibromochloromethane	11.008	129	27117	17.876	ug/l	99
61) 1,2-Dibromoethane	11.111	107	20410	17.858	ug/l	98
64) Tetrachloroethene	10.746	164	23235	17.308	ug/l	97
65) Chlorobenzene	11.538	112	77488	17.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.617	131	29528	18.008	ug/l	97
67) Ethyl Benzene	11.617	91	136544	17.583	ug/l	100
68) m/p-Xylenes	11.721	106	100890	35.393	ug/l	100
69) o-Xylene	12.050	106	47009	17.591	ug/l	99
70) Styrene	12.069	104	69789	17.944	ug/l	99
71) Bromoform	12.233	173	14894	18.451	ug/l #	100
73) Isopropylbenzene	12.355	105	131998	18.494	ug/l	100
74) N-amyl acetate	12.166	43	26450	18.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.605	83	27286	18.763	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	31886	33.618	ug/l #	100
77) Bromobenzene	12.629	156	28487	18.128	ug/l	98
78) n-propylbenzene	12.690	91	160758	18.527	ug/l	100
79) 2-Chlorotoluene	12.782	91	87623	18.211	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	105104	18.620	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.404	75	7527	18.021	ug/l	96
82) 4-Chlorotoluene	12.879	91	89838	18.276	ug/l	100
83) tert-Butylbenzene	13.099	119	93071	18.720	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	101547	18.267	ug/l	98
85) sec-Butylbenzene	13.276	105	137231	18.628	ug/l	100
86) p-Isopropyltoluene	13.391	119	110618	18.194	ug/l	100
87) 1,3-Dichlorobenzene	13.391	146	55451	17.993	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	54509	18.083	ug/l	98
89) n-Butylbenzene	13.721	91	104649	17.902	ug/l	100
90) Hexachloroethane	13.983	117	23231	17.782	ug/l	100
91) 1,2-Dichlorobenzene	13.763	146	48994	18.396	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2929	16.062	ug/l	93
93) 1,2,4-Trichlorobenzene	15.031	180	22623	17.105	ug/l	99
94) Hexachlorobutadiene	15.135	225	14401	17.382	ug/l	98
95) Naphthalene	15.263	128	38280	17.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	18283	16.281	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

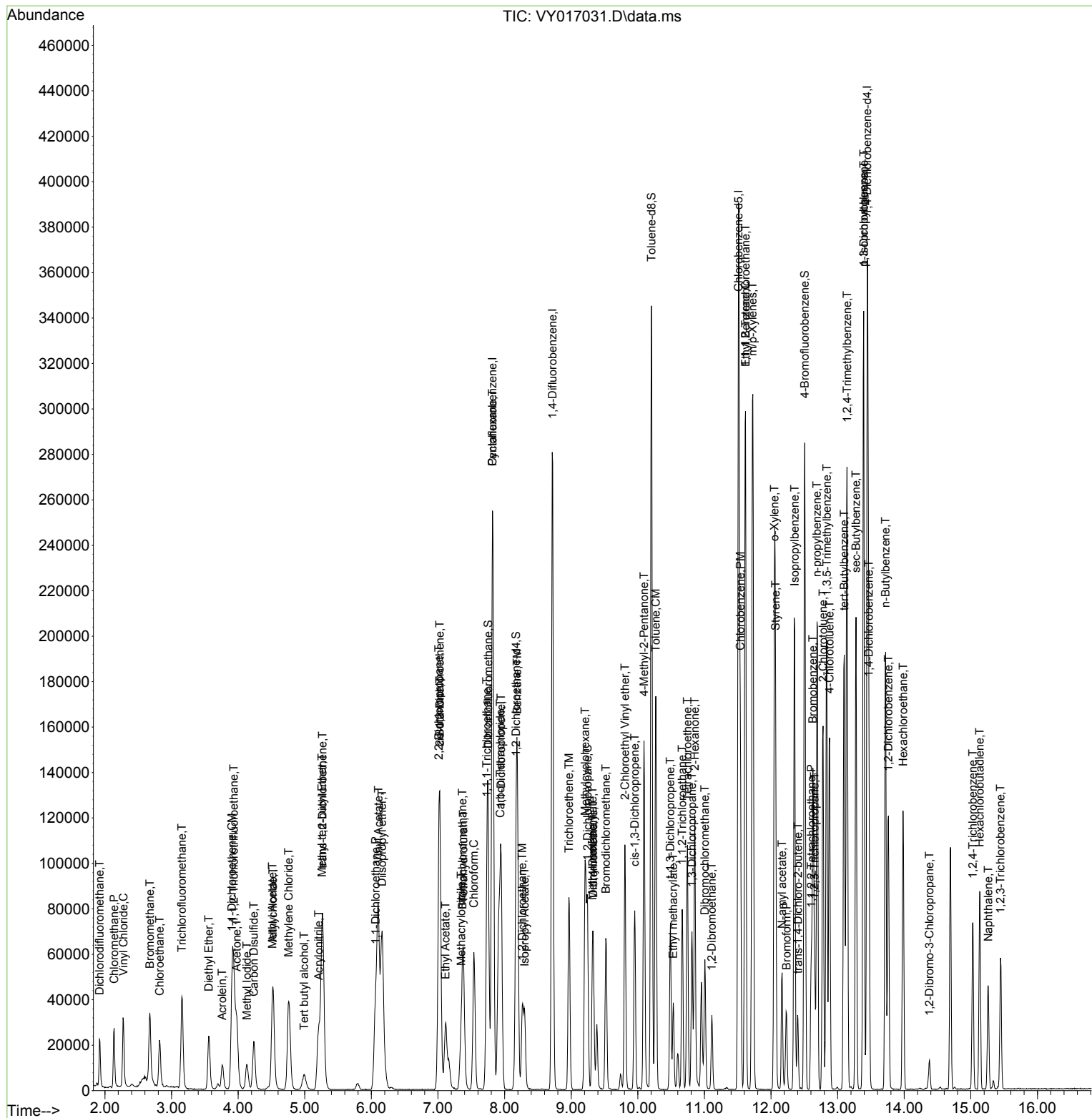
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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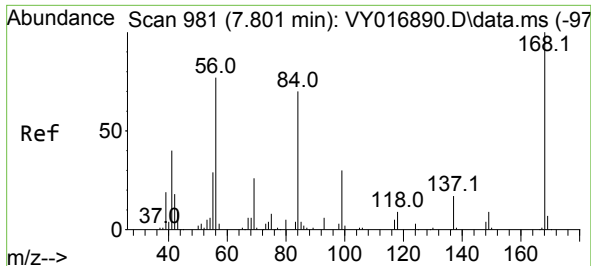
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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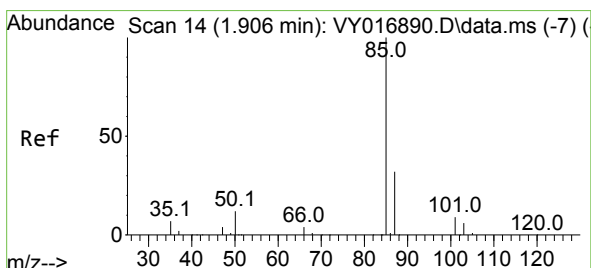
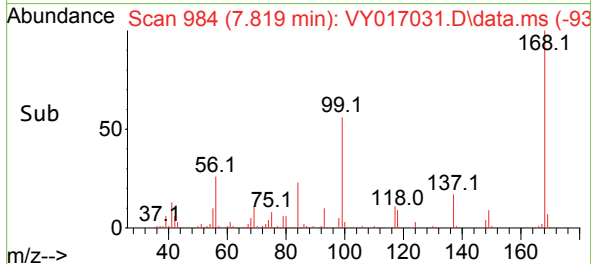
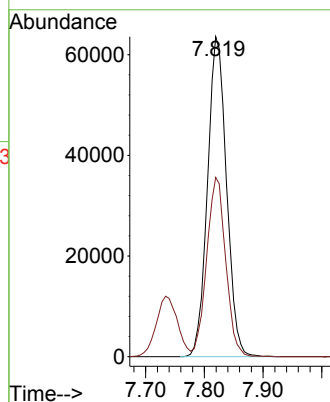
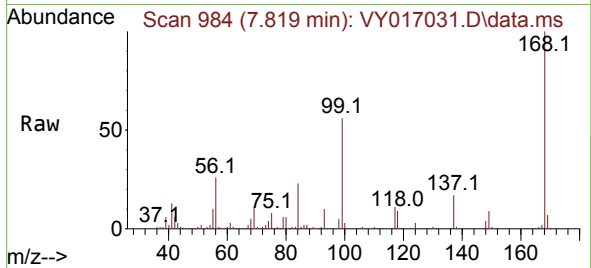




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 9
Delta R.T. 0.018 min
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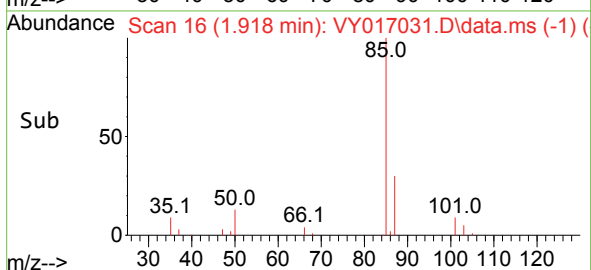
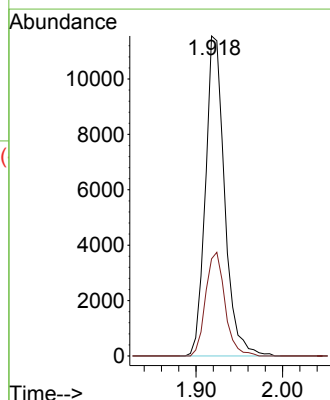
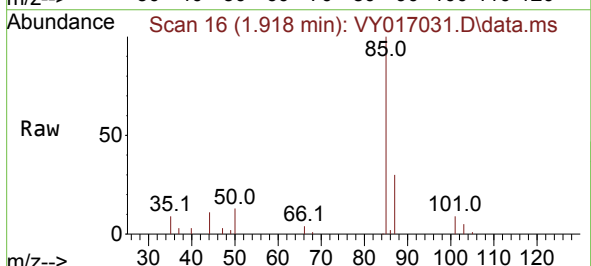
Instrument :
MSVOA_Y
ClientSampleId :

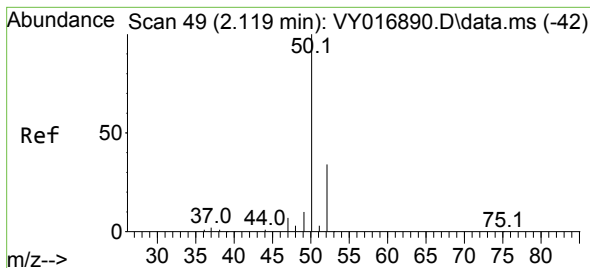
Tgt Ion:168 Resp: 142934
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 14.422 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 85 Resp: 17769
Ion Ratio Lower Upper
85 100
87 30.3 17.1 51.3





#3

Chloromethane

Concen: 14.610 ug/l

RT: 2.137 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

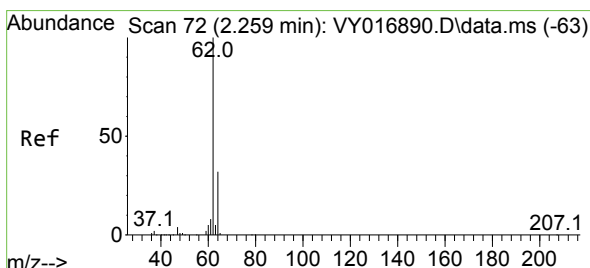
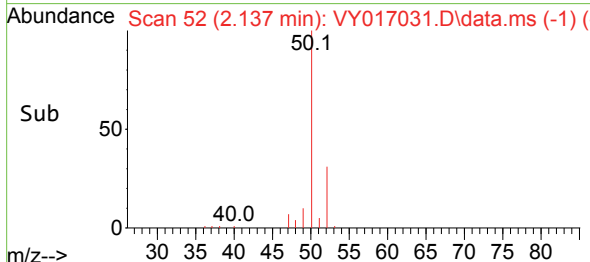
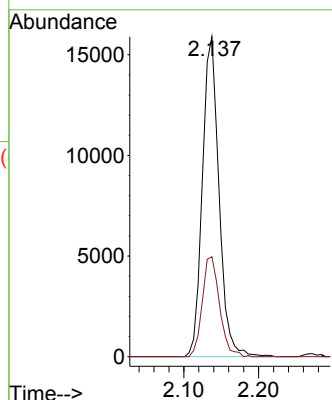
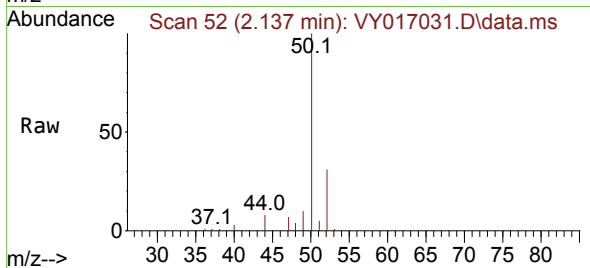
ClientSampleId :

Tgt Ion: 50 Resp: 24532

Ion Ratio Lower Upper

50 100

52 31.3 26.7 40.1



#4

Vinyl Chloride

Concen: 15.249 ug/l

RT: 2.278 min Scan# 75

Delta R.T. 0.019 min

Lab File: VY017031.D

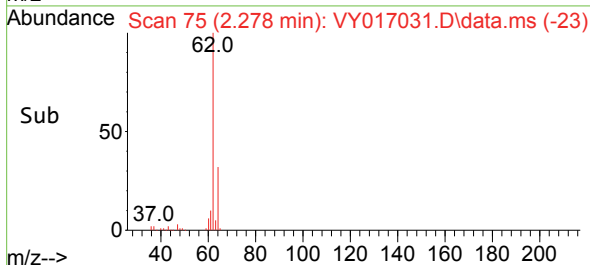
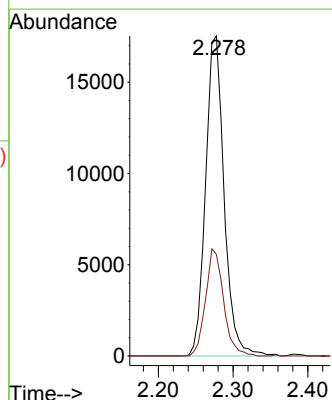
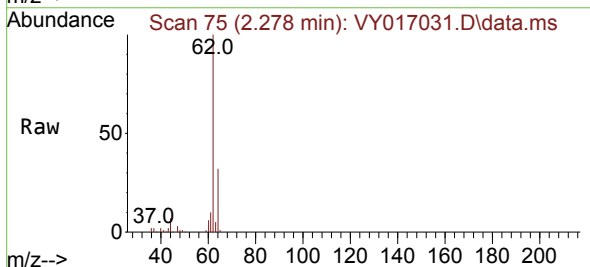
Acq: 18 Jan 2024 11:25

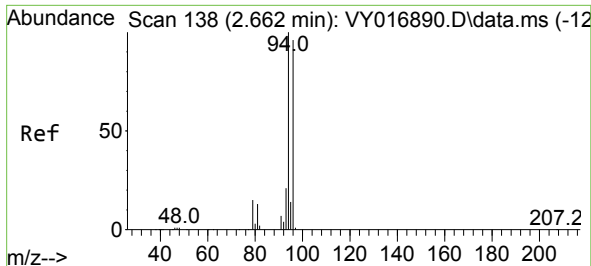
Tgt Ion: 62 Resp: 30201

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5

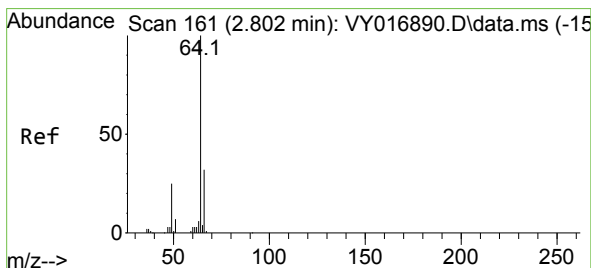
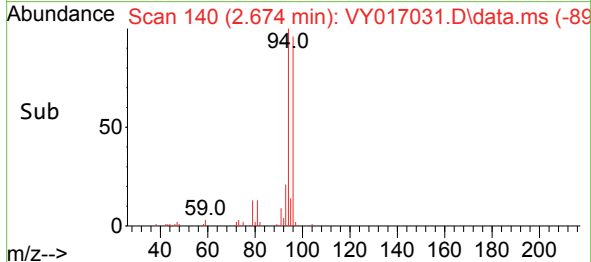
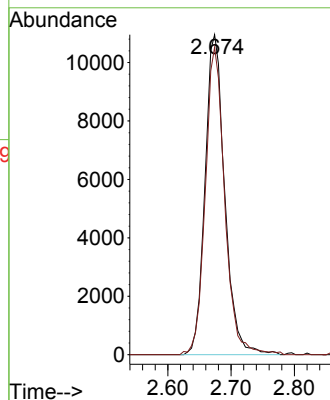
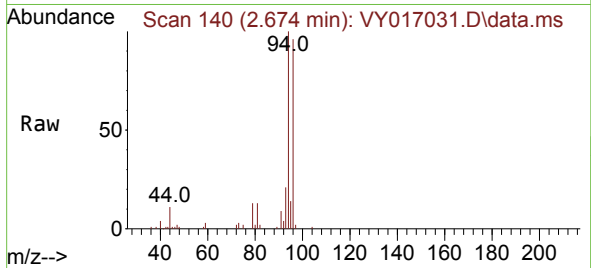




#5
Bromomethane
Concen: 16.707 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

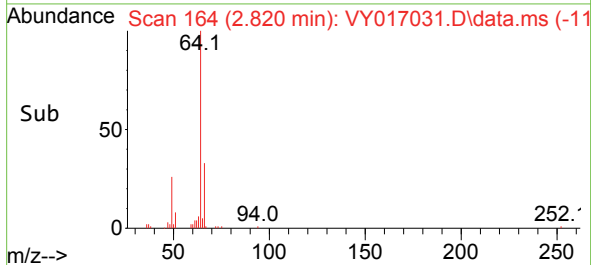
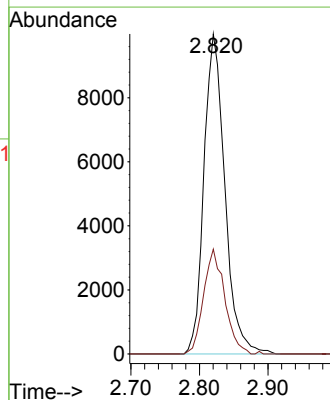
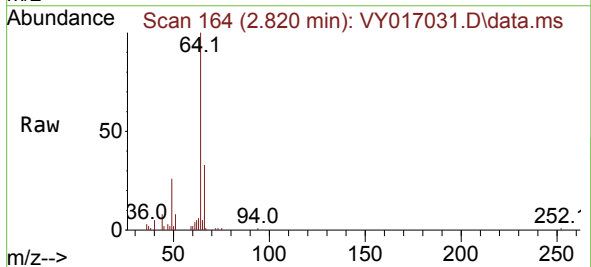
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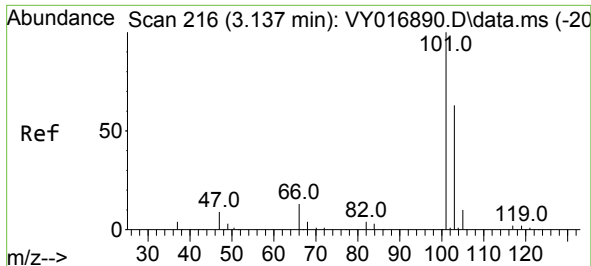
Tgt Ion: 94 Resp: 23705
Ion Ratio Lower Upper
94 100
96 96.1 77.3 115.9



#6
Chloroethane
Concen: 15.837 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 64 Resp: 21217
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7

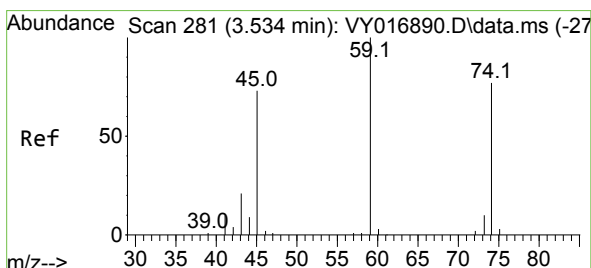
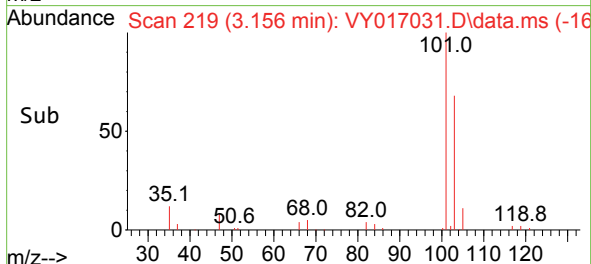
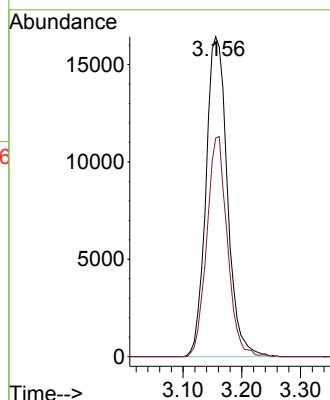
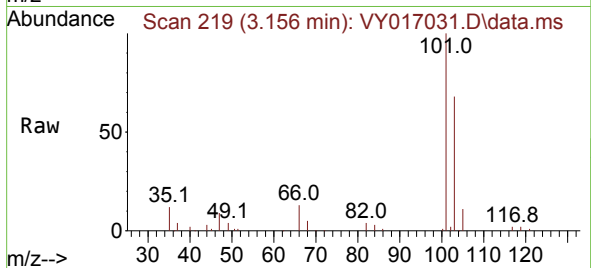




#7
 Trichlorofluoromethane
 Concen: 17.059 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY017031.D
 Acq: 18 Jan 2024 11:25

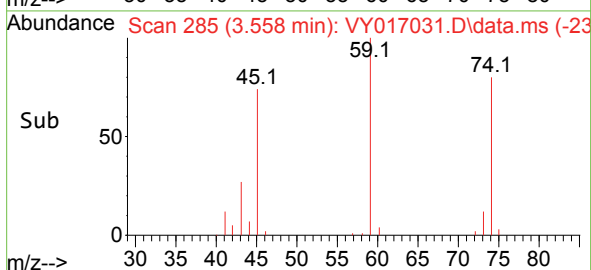
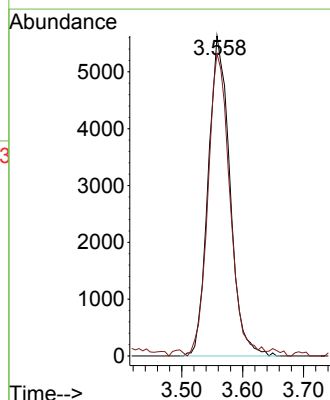
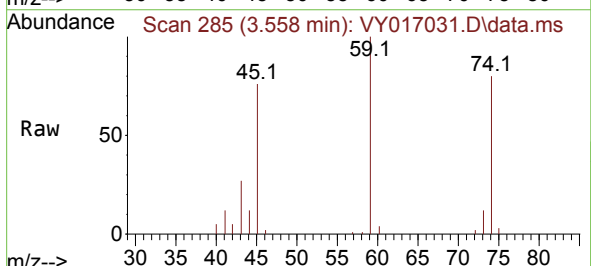
Instrument :
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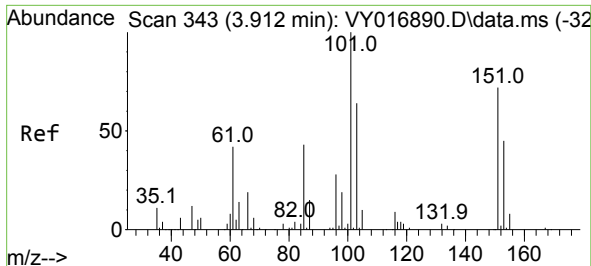
Tgt Ion:101 Resp: 41628
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 17.867 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY017031.D
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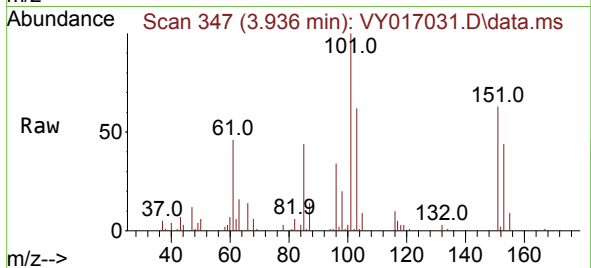
Tgt Ion: 74 Resp: 13934
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.9 143.7



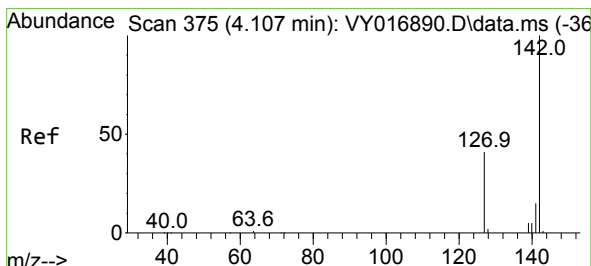
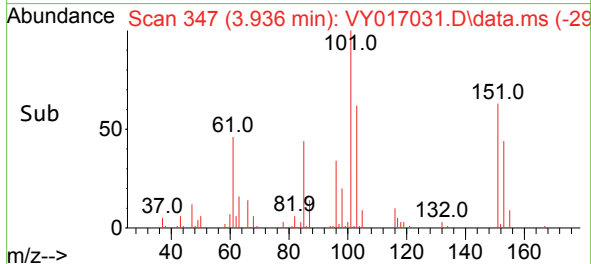
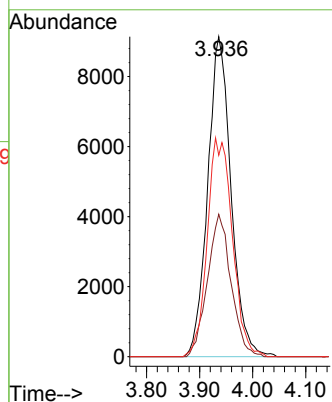


#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.612 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

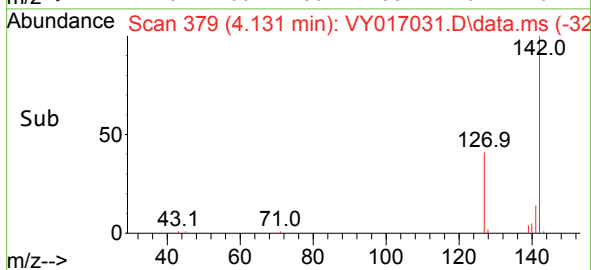
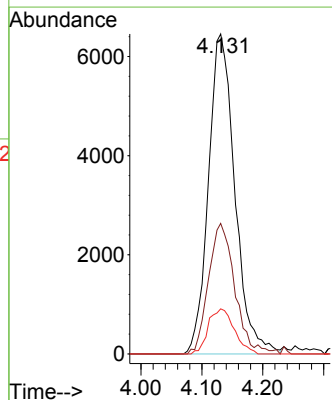
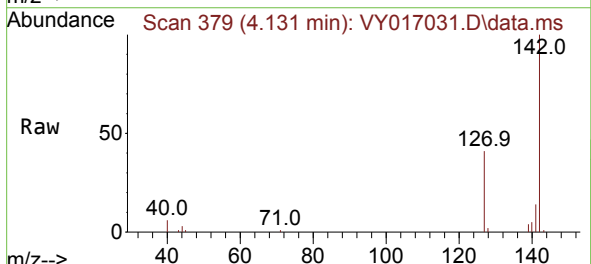


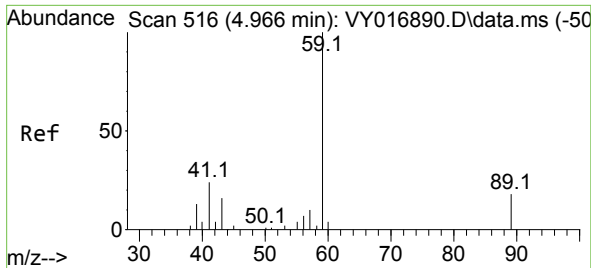
Tgt Ion:101 Resp: 27945
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 73.6 58.6 88.0



#10
Methyl Iodide
Concen: 14.407 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion:142 Resp: 19447
Ion Ratio Lower Upper
142 100
127 40.6 35.1 52.7
141 13.9 11.8 17.6

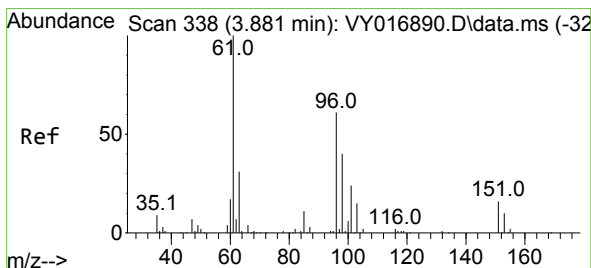
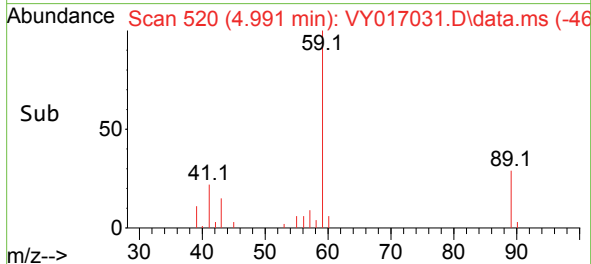
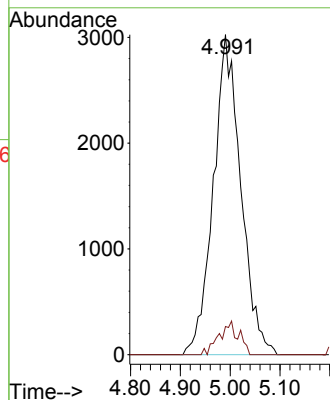
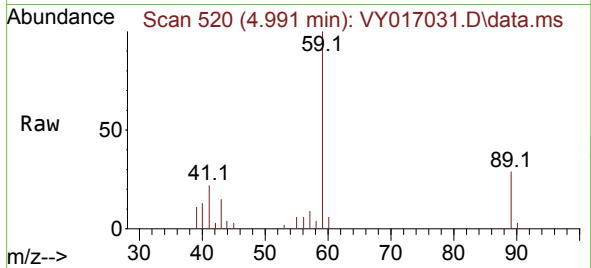




#11
Tert butyl alcohol
Concen: 91.534 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

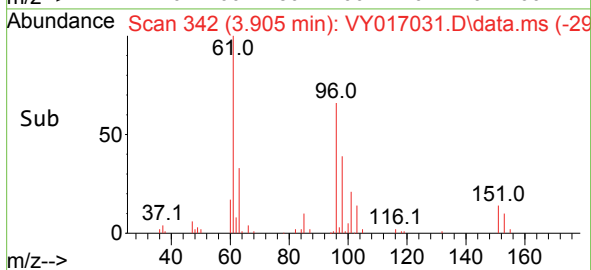
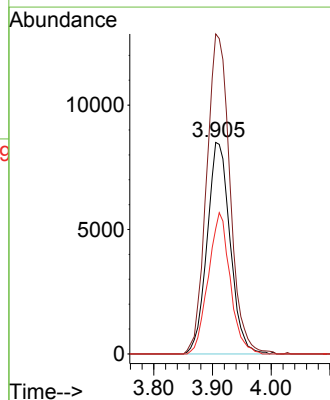
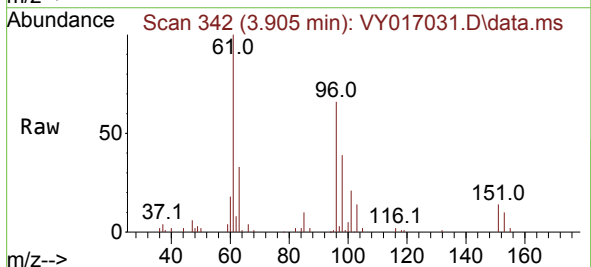
Instrument :
MSVOA_Y
ClientSampleId :

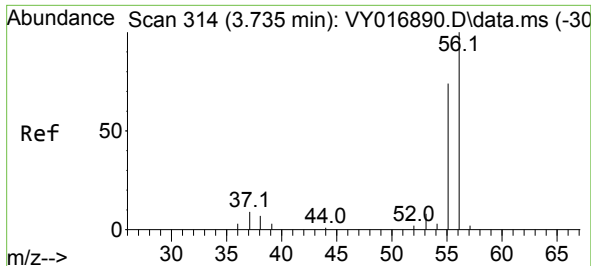
Tgt Ion: 59 Resp: 11570
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 16.988 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 96 Resp: 23128
Ion Ratio Lower Upper
96 100
61 151.2 124.2 186.2
98 59.2 52.6 79.0





#13

Acrolein

Concen: 81.049 ug/l

RT: 3.759 min Scan# 314

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

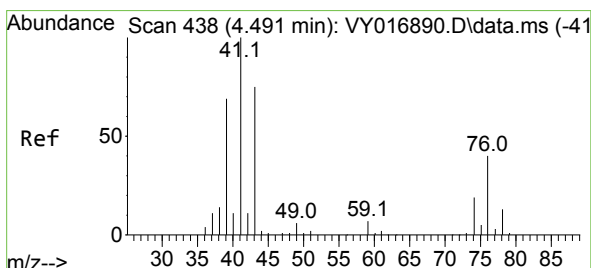
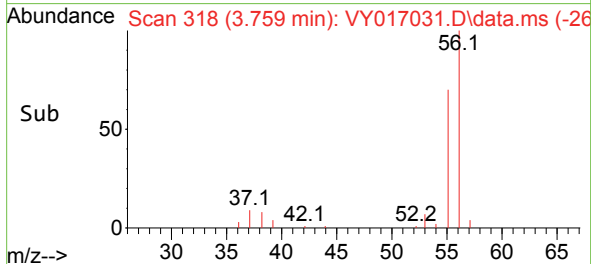
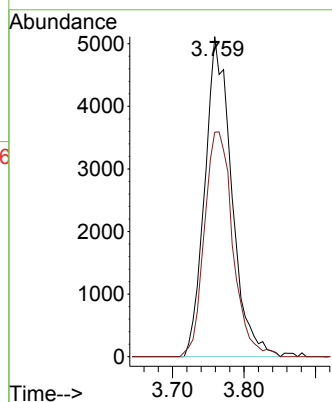
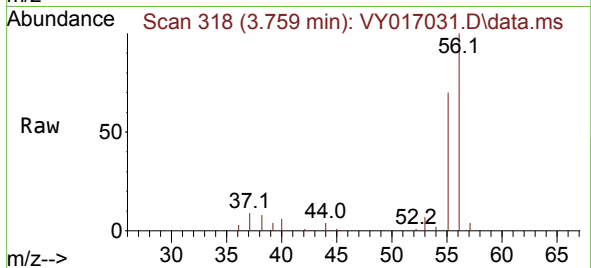
ClientSampleId :

Tgt Ion: 56 Resp: 13305

Ion Ratio Lower Upper

56 100

55 74.6 55.4 83.0



#14

Allyl chloride

Concen: 16.628 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

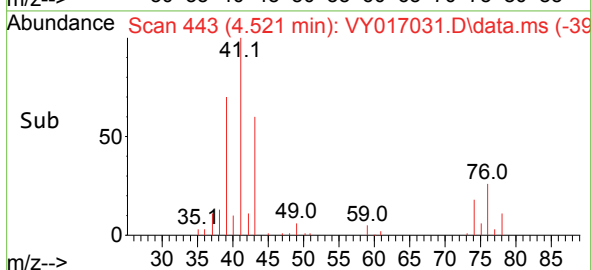
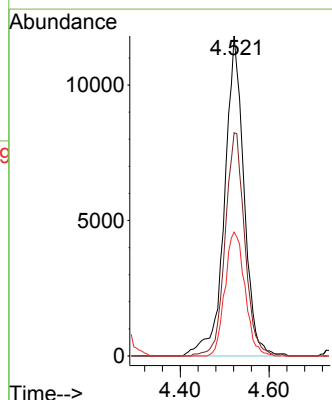
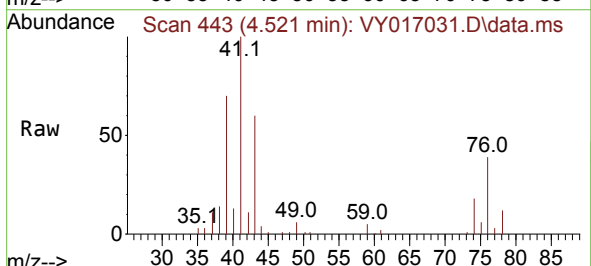
Tgt Ion: 41 Resp: 35787

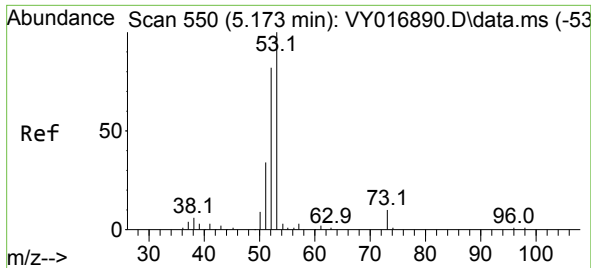
Ion Ratio Lower Upper

41 100

39 70.3 54.7 82.1

76 39.7 31.8 47.6





#15

Acrylonitrile

Concen: 95.649 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY017031.D

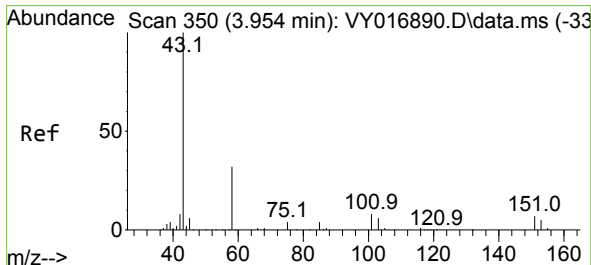
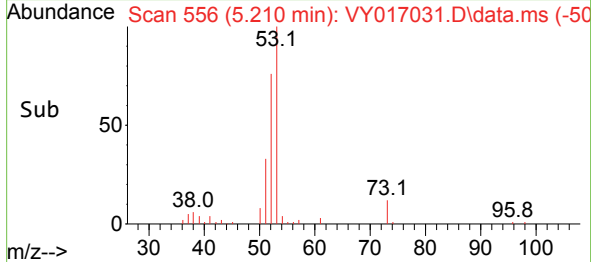
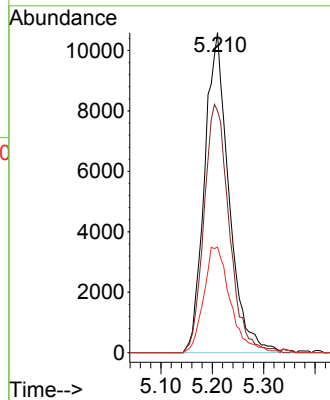
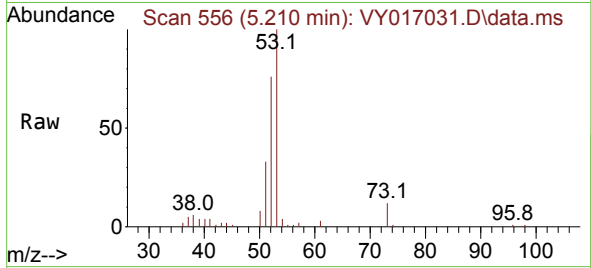
Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 34891
Ion Ratio	Lower Upper
53	100
52	80.4 65.1 97.7
51	36.1 29.0 43.4



#16

Acetone

Concen: 113.229 ug/l

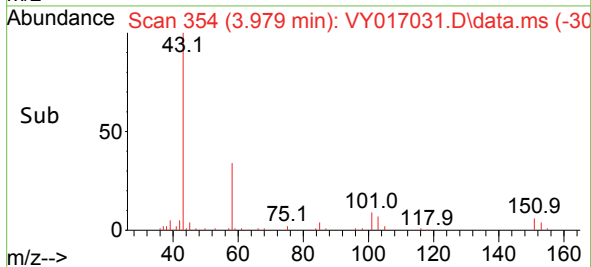
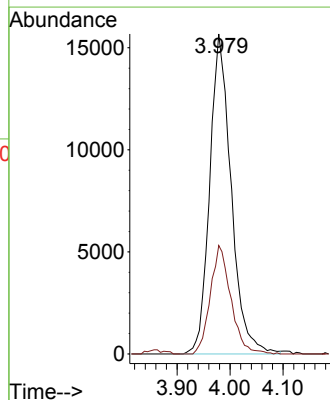
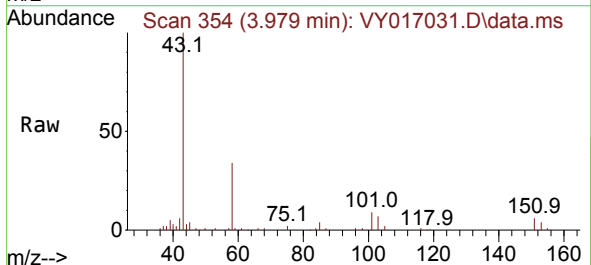
RT: 3.979 min Scan# 354

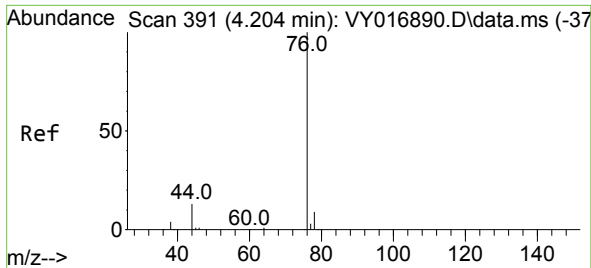
Delta R.T. 0.019 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Tgt Ion: 43	Resp: 44022
Ion Ratio	Lower Upper
43	100
58	33.9 26.6 39.8

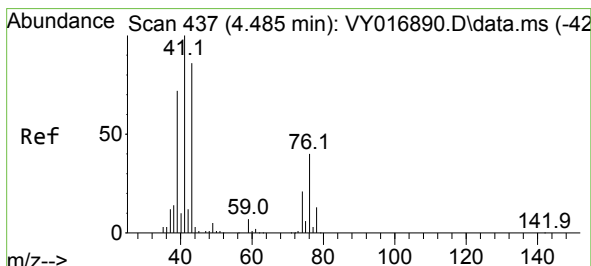
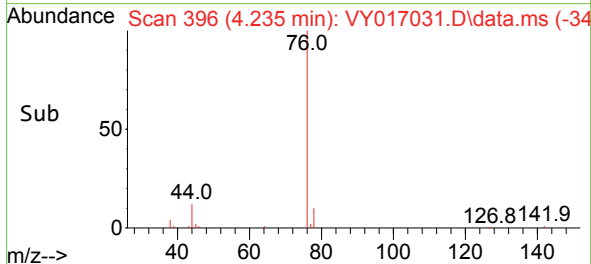
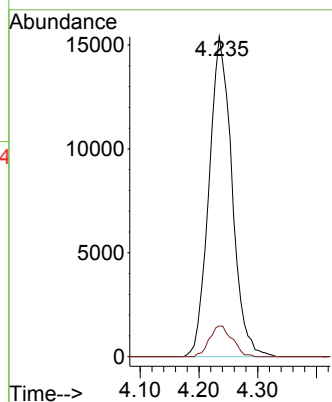
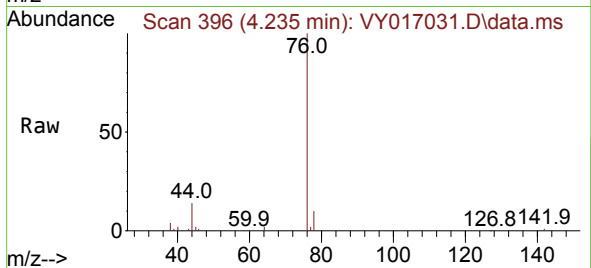




#17
Carbon Disulfide
Concen: 12.867 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

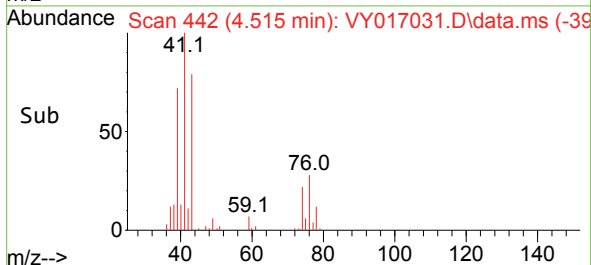
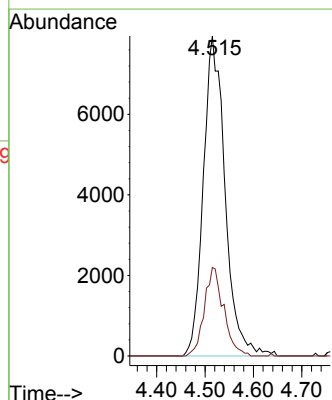
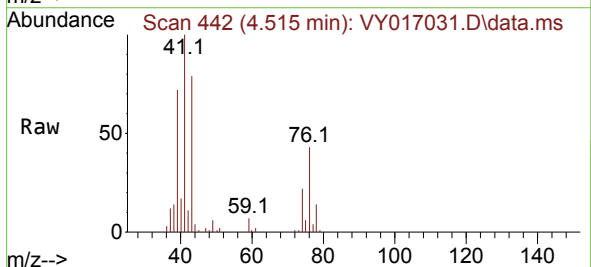
Instrument :
MSVOA_Y
ClientSampleId :

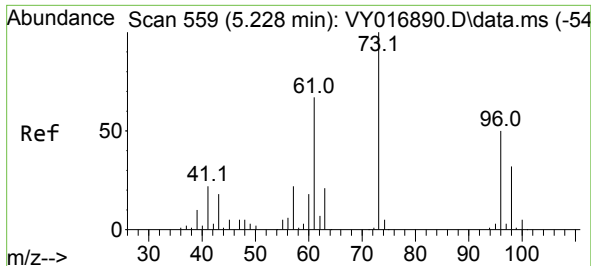
Tgt Ion: 76 Resp: 41855
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 16.409 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 43 Resp: 24836
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

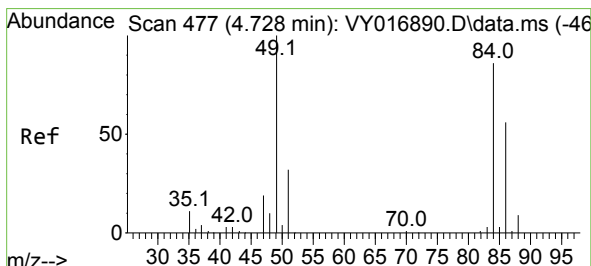
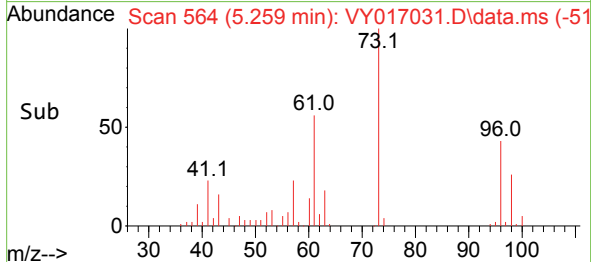
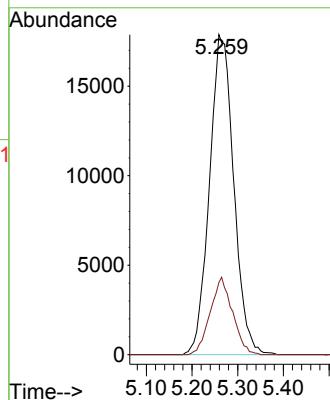
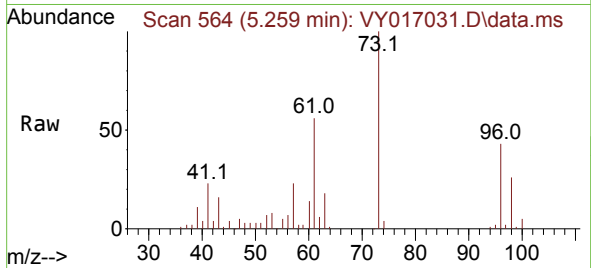




#19
Methyl tert-butyl Ether
Concen: 18.622 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

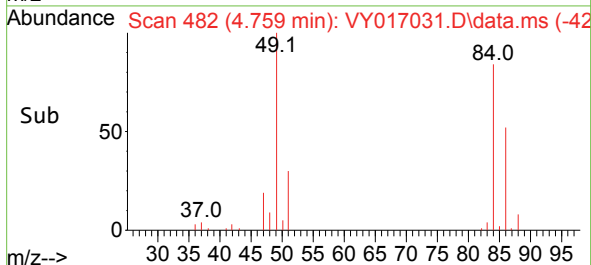
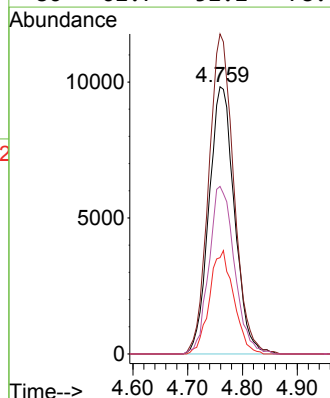
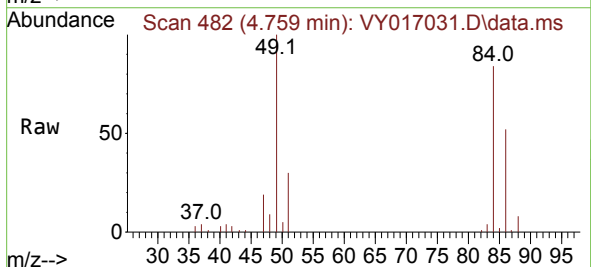
Instrument :
MSVOA_Y
ClientSampleId :

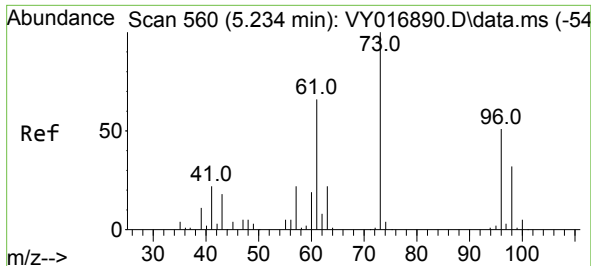
Tgt Ion: 73 Resp: 65956
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 11.572 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 84 Resp: 31698
Ion Ratio Lower Upper
84 100
49 119.8 95.2 142.8
51 36.1 29.9 44.9
86 62.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 16.356 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.025 min

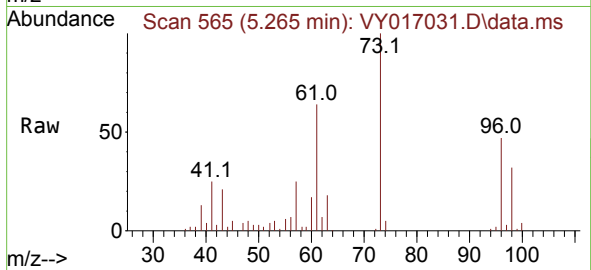
Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :



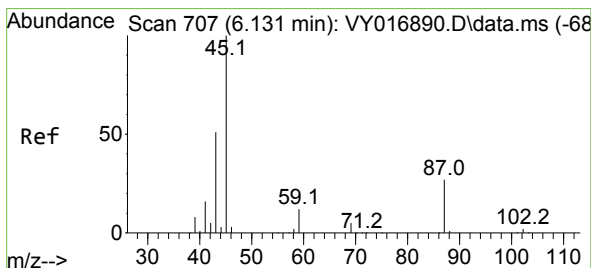
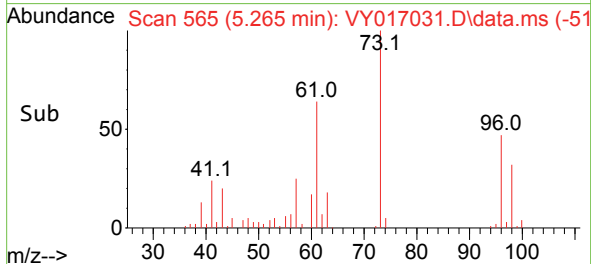
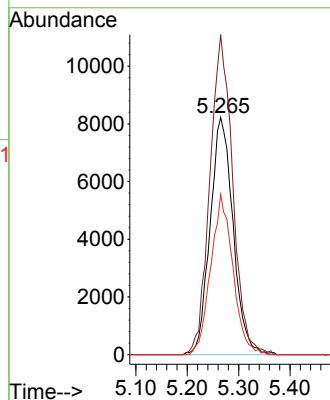
Tgt Ion: 96 Resp: 25503

Ion Ratio Lower Upper

96 100

61 134.9 104.6 156.8

98 67.6 50.9 76.3



#22

Diisopropyl ether

Concen: 18.669 ug/l

RT: 6.161 min Scan# 712

Delta R.T. 0.030 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Tgt Ion: 45 Resp: 92890

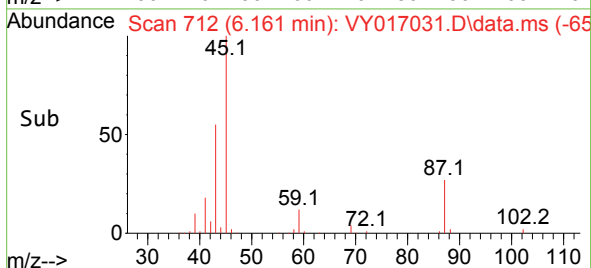
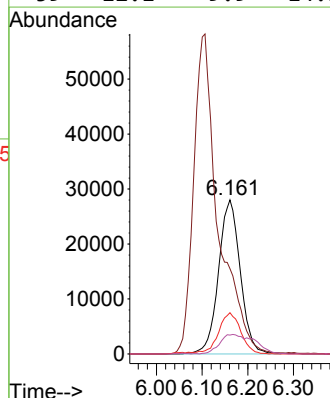
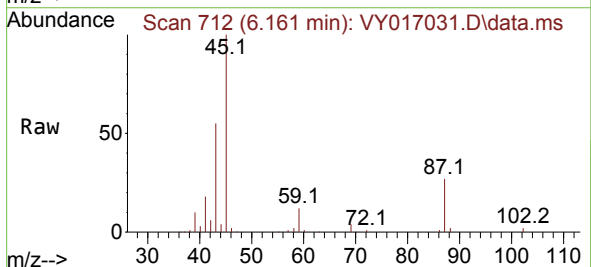
Ion Ratio Lower Upper

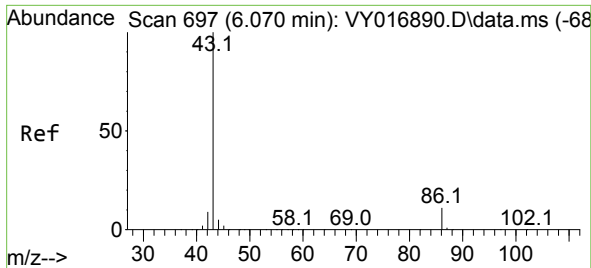
45 100

43 54.7 46.8 70.2

87 26.8 22.2 33.2

59 12.1 9.9 14.9

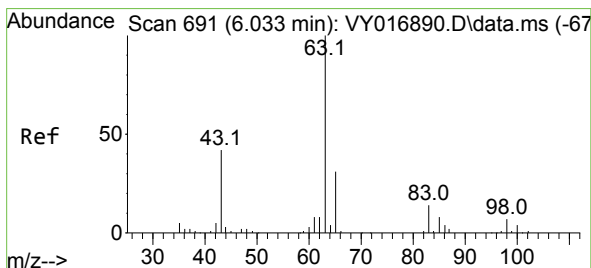
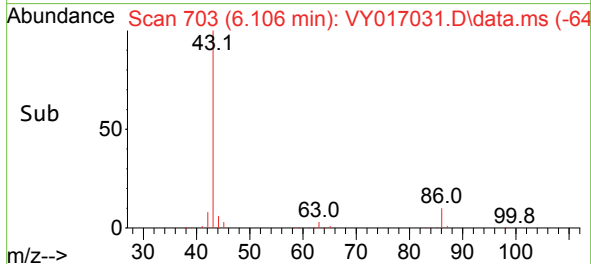
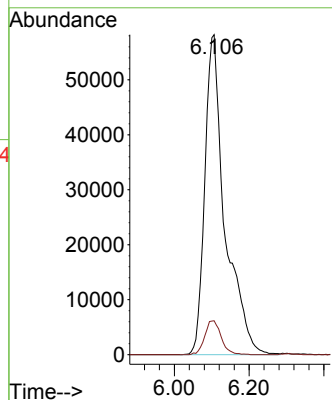
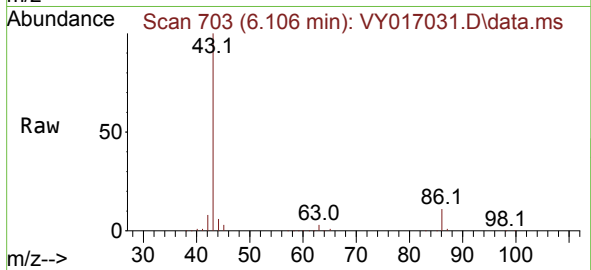




#23
 Vinyl Acetate
 Concen: 95.278 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.030 min
 Lab File: VY017031.D
 Acq: 18 Jan 2024 11:25

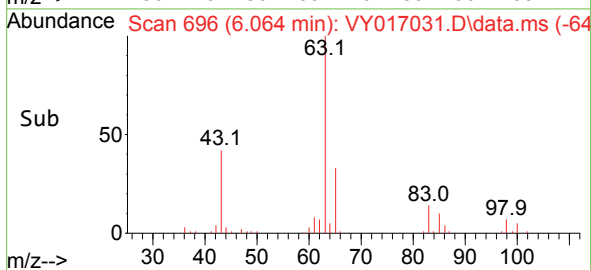
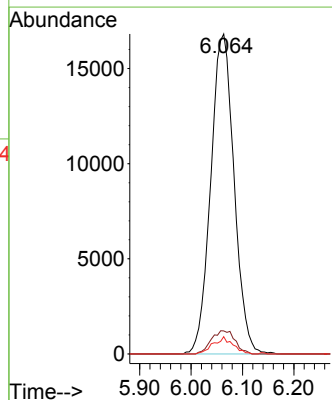
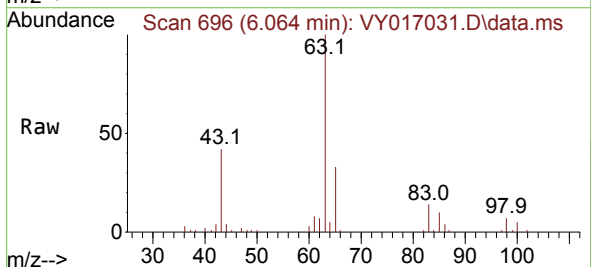
Instrument :
 MSVOA_Y
 ClientSampleId :

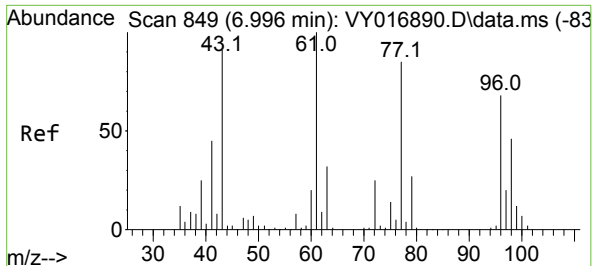
Tgt Ion: 43 Resp: 217374
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 17.760 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY017031.D
 Acq: 18 Jan 2024 11:25

Tgt Ion: 63 Resp: 53103
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 5.4 2.1 6.2

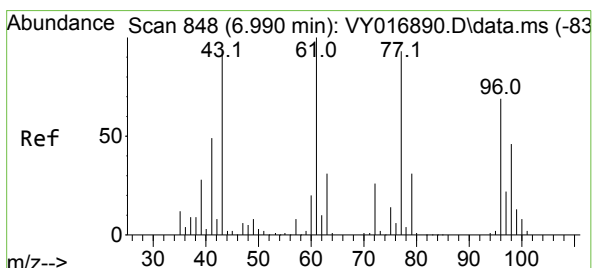
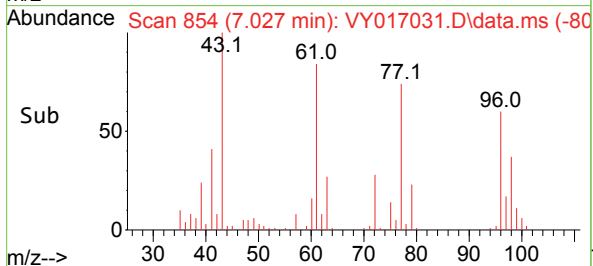
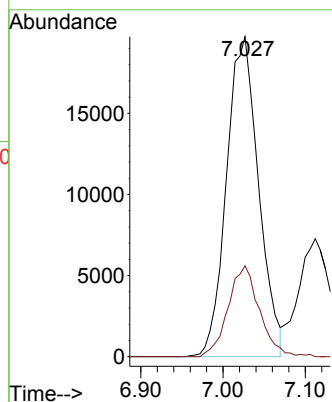
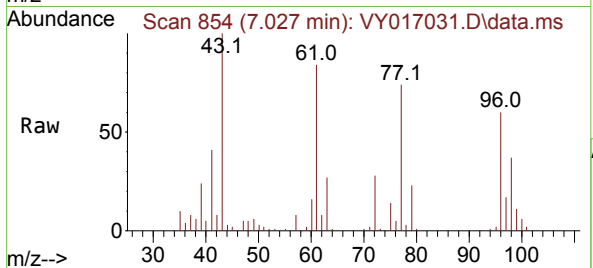




#25
2-Butanone
Concen: 105.314 ug/l
RT: 7.027 min Scan# 81
Delta R.T. 0.031 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

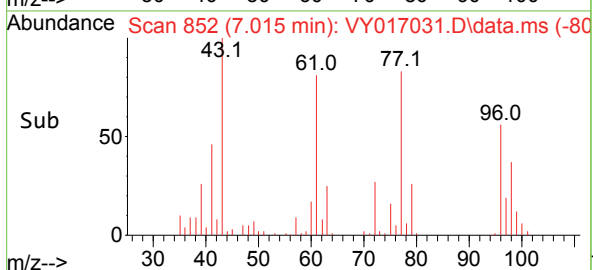
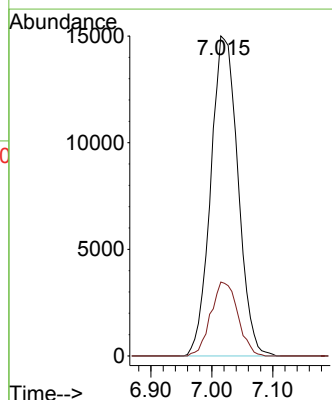
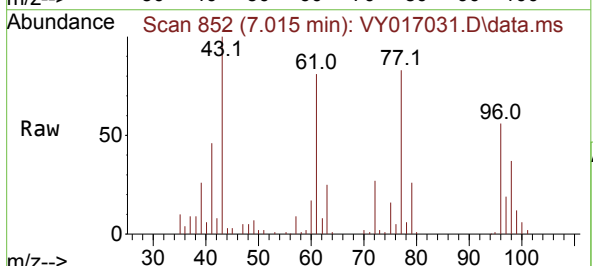
Instrument :
MSVOA_Y
ClientSampleId :

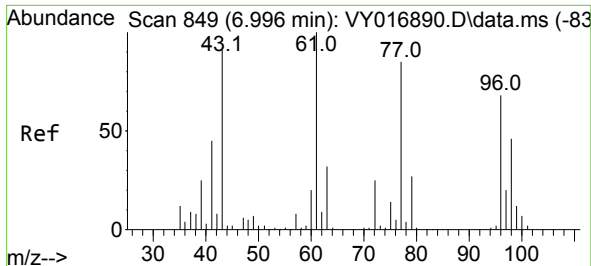
Tgt Ion: 43 Resp: 53477
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 17.954 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 77 Resp: 46546
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0

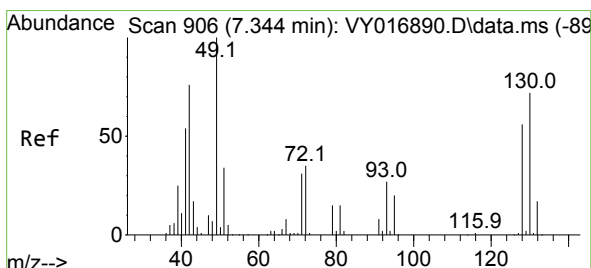
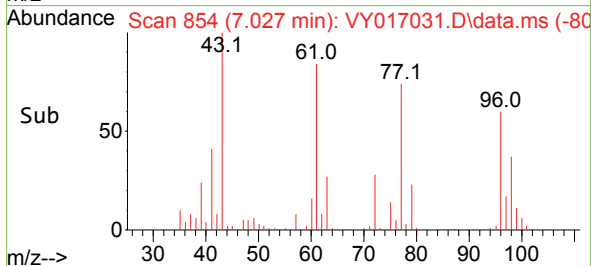
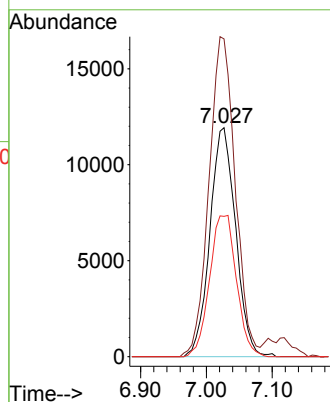
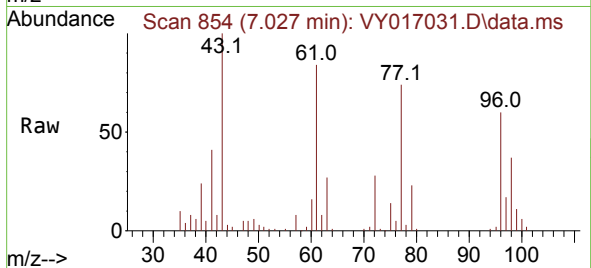




#27
cis-1,2-Dichloroethene
Concen: 17.788 ug/l
RT: 7.027 min Scan# 849
Delta R.T. 0.025 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

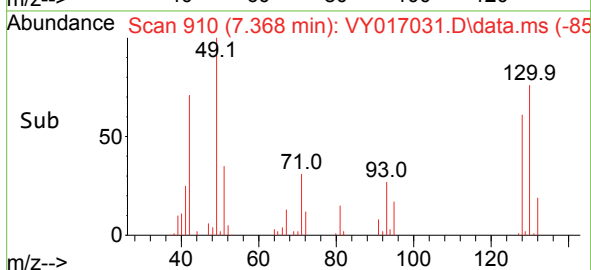
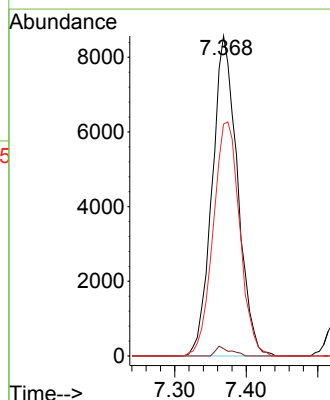
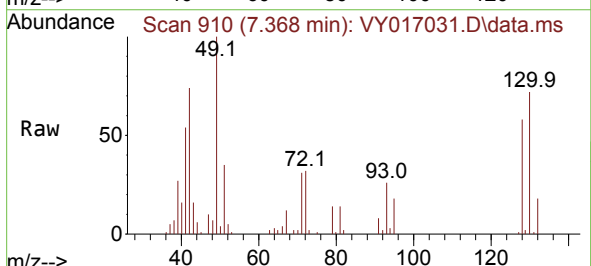
Instrument :
MSVOA_Y
ClientSampleId :

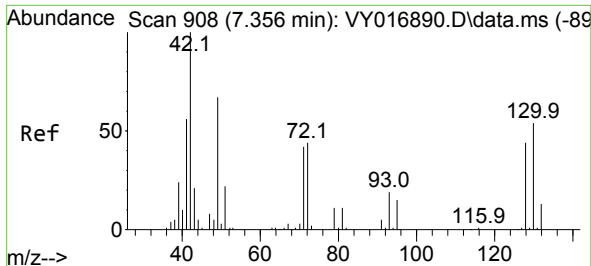
Tgt Ion: 96 Resp: 32513
Ion Ratio Lower Upper
96 100
61 142.3 0.0 278.8
98 64.5 0.0 127.0



#28
Bromochloromethane
Concen: 18.722 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 49 Resp: 21016
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 76.7 59.8 89.8

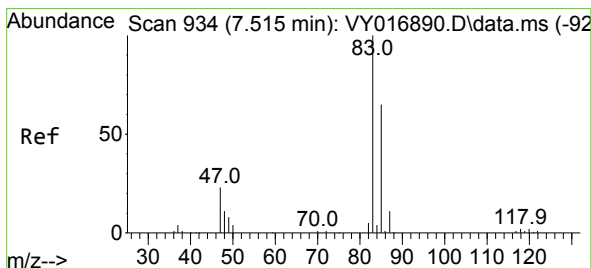
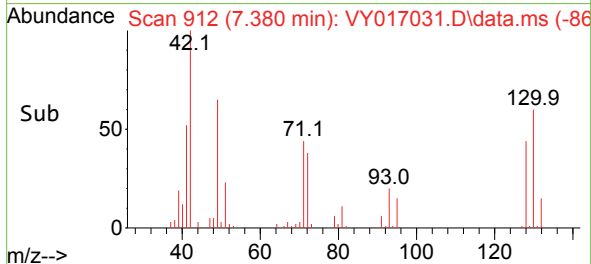
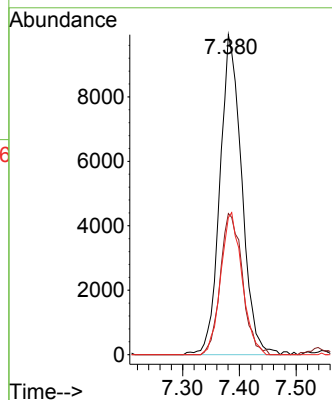
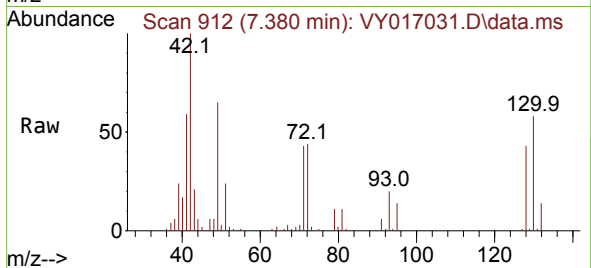




#29
Tetrahydrofuran
Concen: 92.678 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

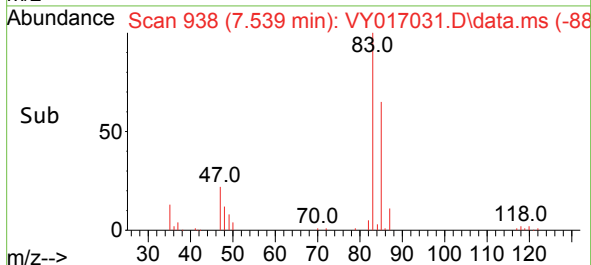
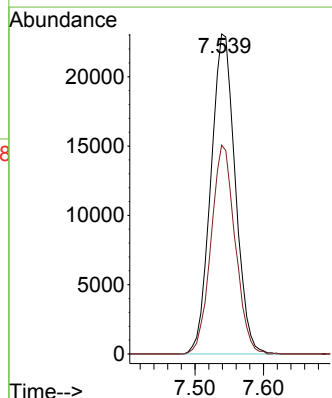
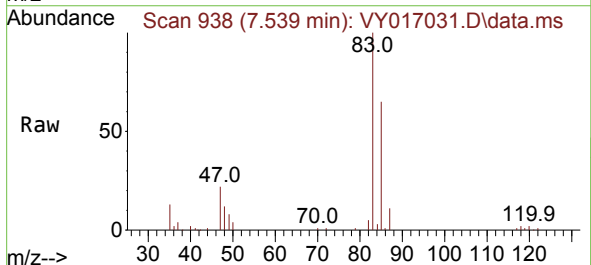
Instrument :
MSVOA_Y
ClientSampleId :

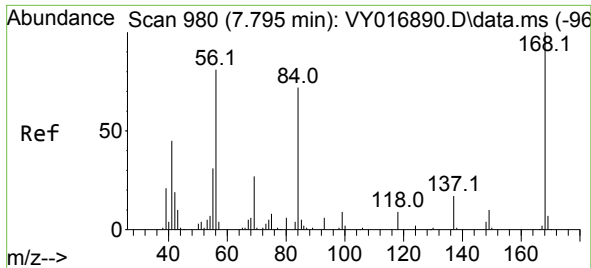
Tgt Ion: 42 Resp: 26499
Ion Ratio Lower Upper
42 100
72 44.6 36.6 54.8
71 43.4 33.8 50.6



#30
Chloroform
Concen: 18.505 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 83 Resp: 57019
Ion Ratio Lower Upper
83 100
85 65.2 51.2 76.8

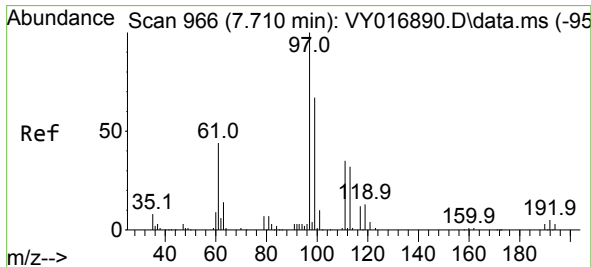
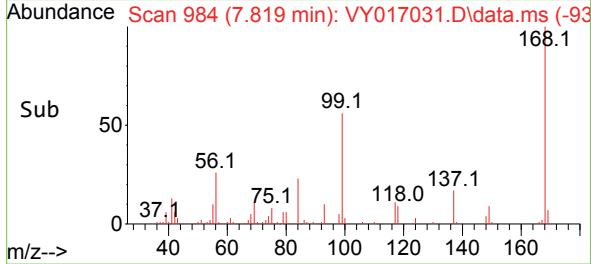
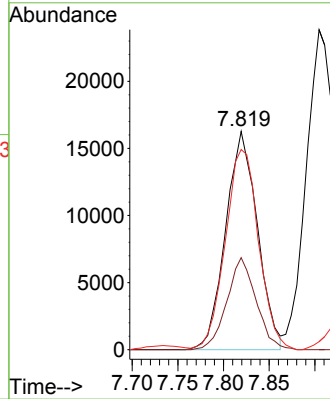
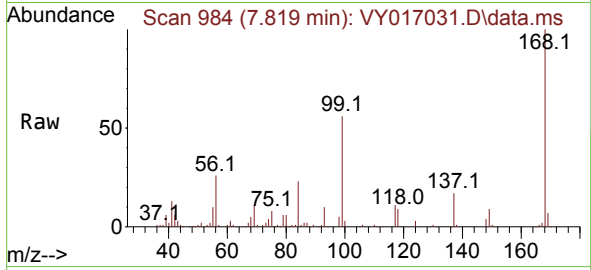




#31
Cyclohexane
Concen: 16.232 ug/l
RT: 7.819 min Scan# 980
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

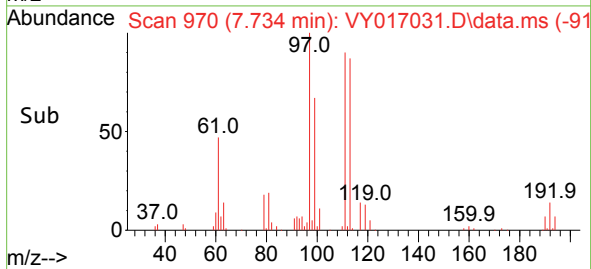
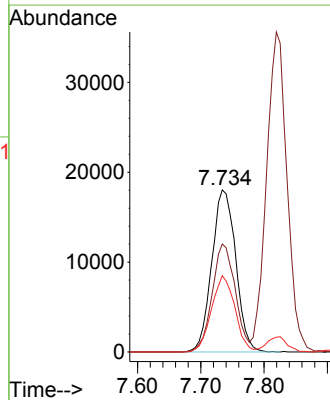
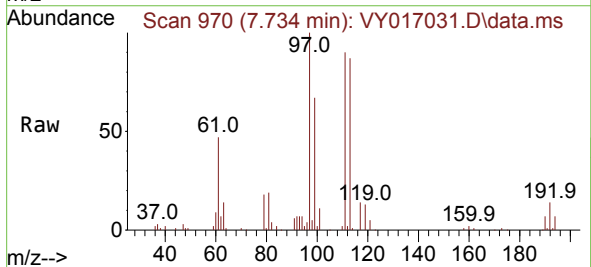
Instrument :
MSVOA_Y
ClientSampleId :

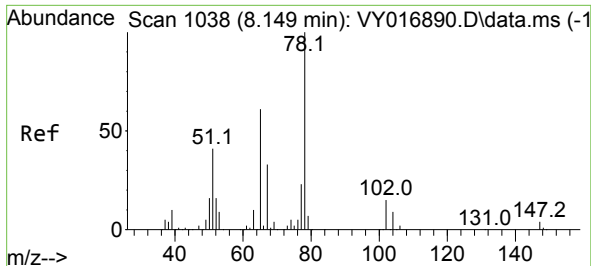
Tgt Ion: 56 Resp: 39358
Ion Ratio Lower Upper
56 100
69 42.2 27.0 40.6#
84 90.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.156 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 97 Resp: 47436
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 45.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 42.712 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

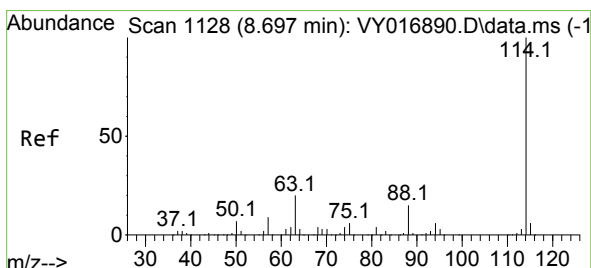
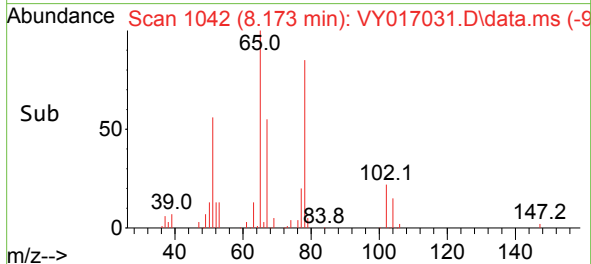
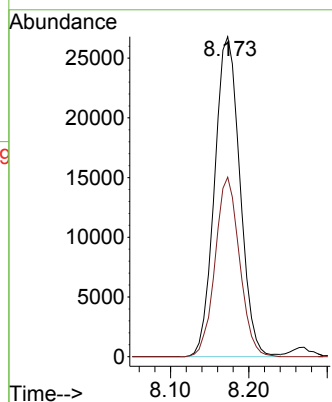
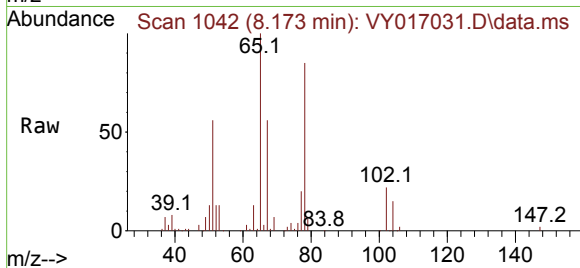
ClientSampleId :

Tgt Ion: 65 Resp: 60339

Ion Ratio Lower Upper

65 100

67 53.9 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: VY017031.D

Acq: 18 Jan 2024 11:25

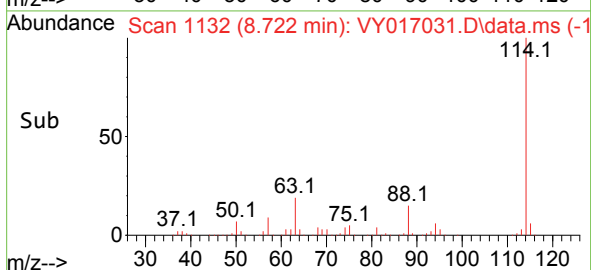
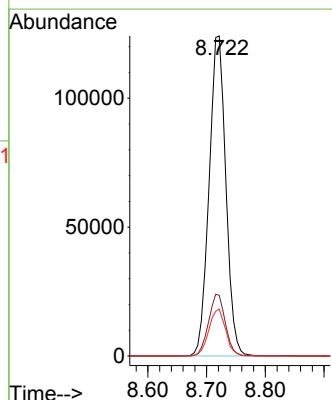
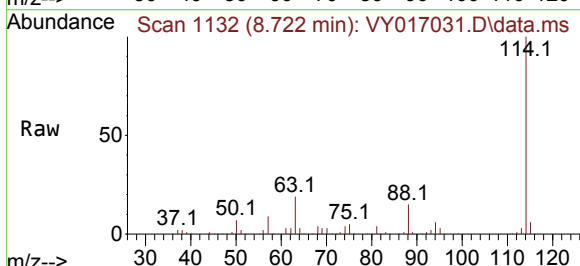
Tgt Ion: 114 Resp: 245991

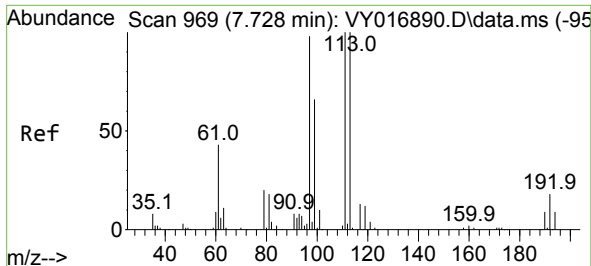
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.7 0.0 29.0

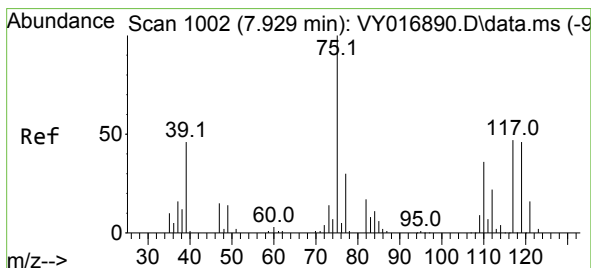
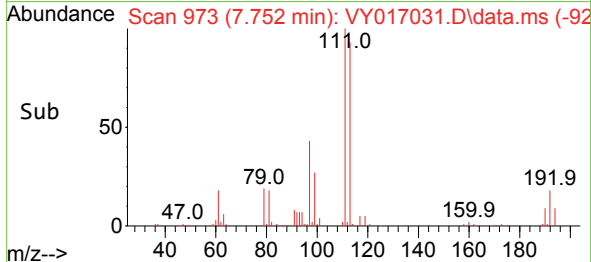
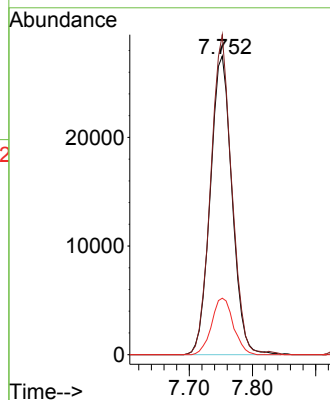
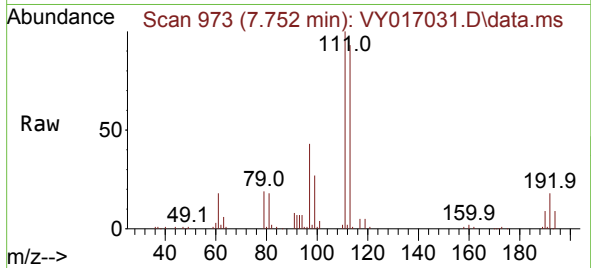




#35
Dibromofluoromethane
Concen: 41.823 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

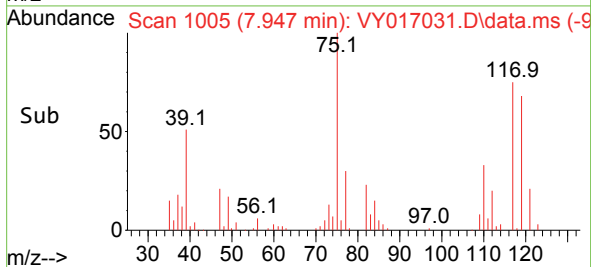
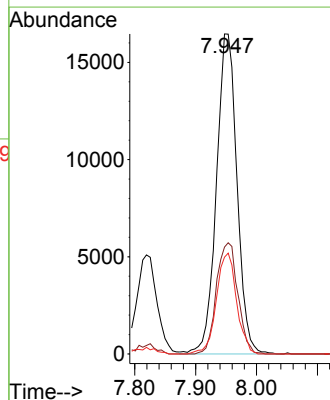
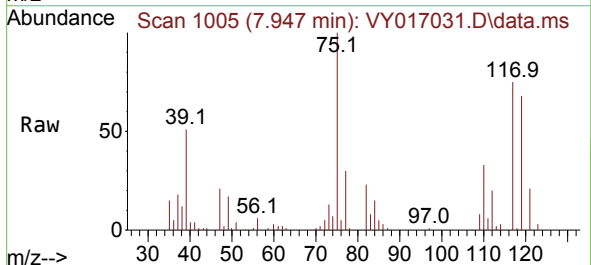
Instrument :
MSVOA_Y
ClientSampleId :

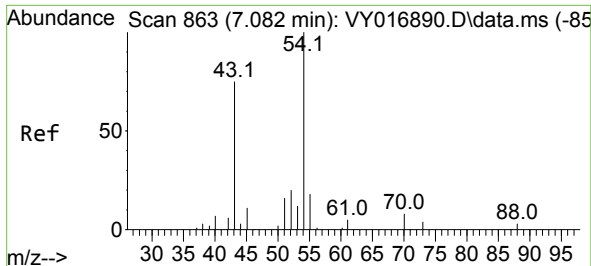
Tgt Ion:113 Resp: 65559
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 16.916 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 75 Resp: 38644
Ion Ratio Lower Upper
75 100
110 36.0 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 18.812 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

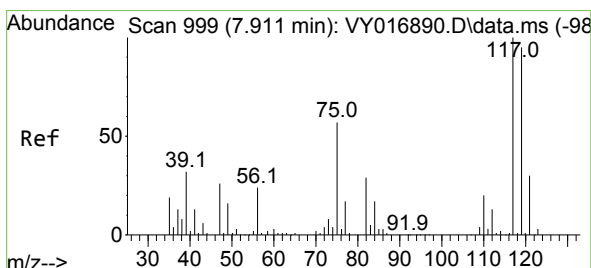
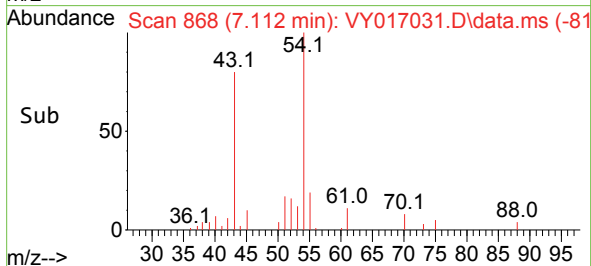
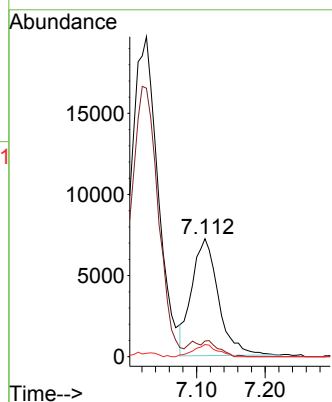
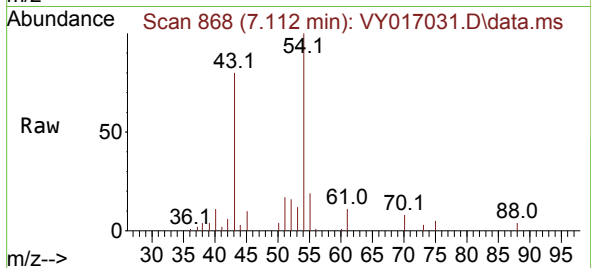
Tgt Ion: 43 Resp: 19530

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

70 9.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 17.617 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

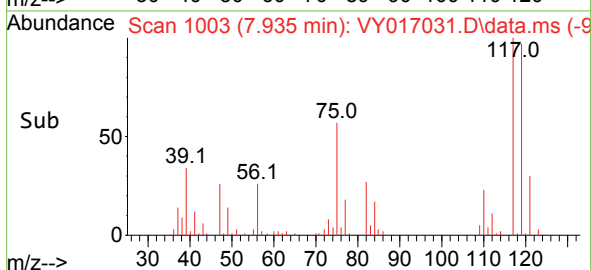
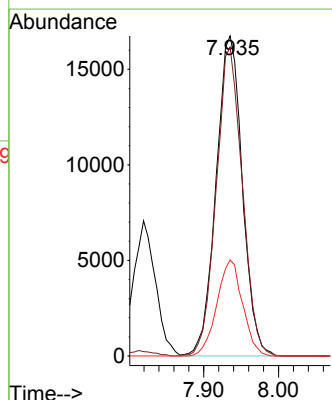
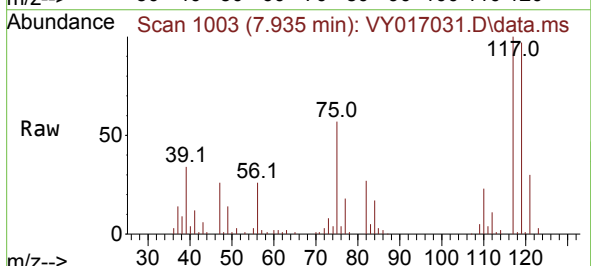
Tgt Ion: 117 Resp: 40888

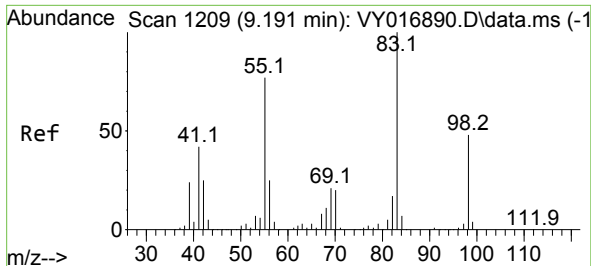
Ion Ratio Lower Upper

117 100

119 96.6 76.0 114.0

121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 15.784 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

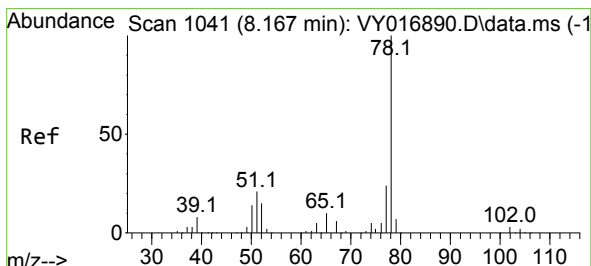
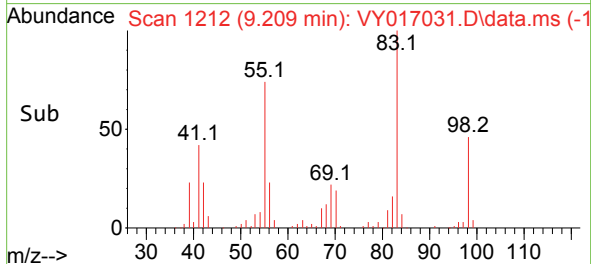
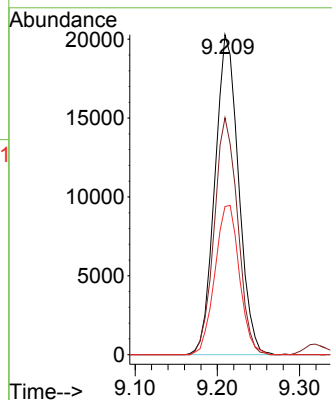
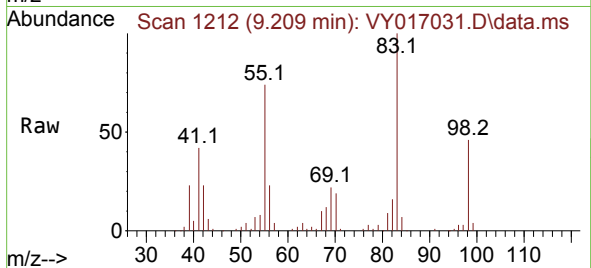
Tgt Ion: 83 Resp: 40537

Ion Ratio Lower Upper

83 100

55 74.1 59.7 89.5

98 46.3 38.0 57.0



#40

Benzene

Concen: 16.945 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY017031.D

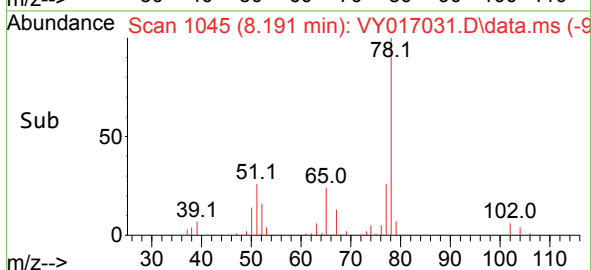
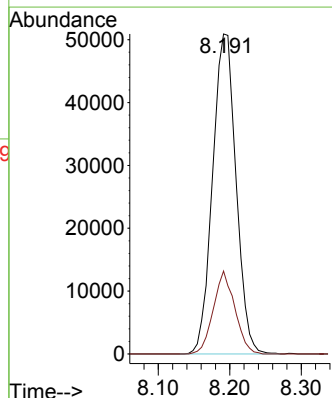
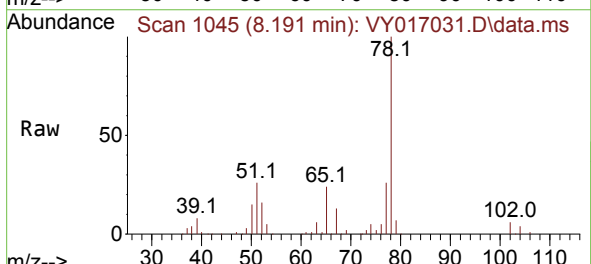
Acq: 18 Jan 2024 11:25

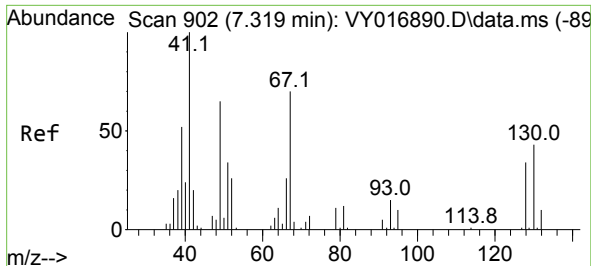
Tgt Ion: 78 Resp: 116122

Ion Ratio Lower Upper

78 100

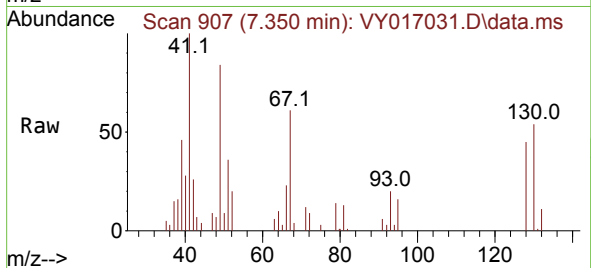
77 25.9 18.8 28.2





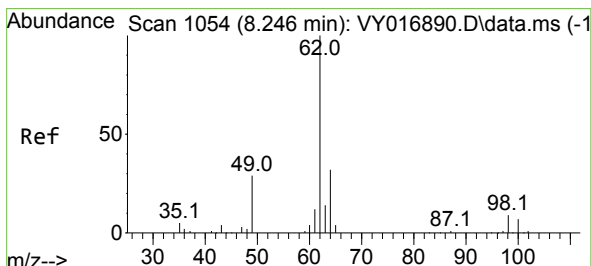
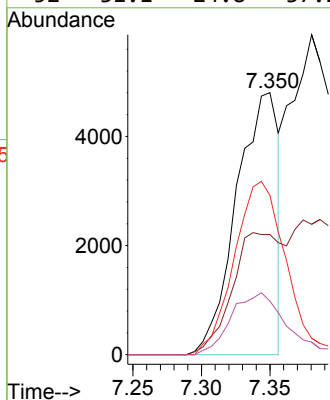
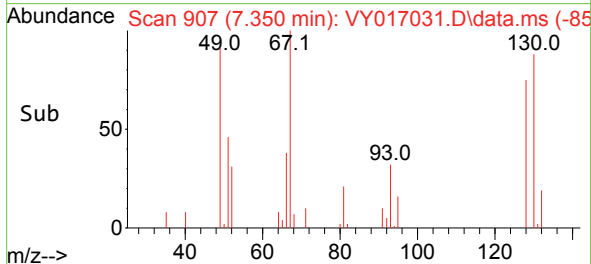
#41
Methacrylonitrile
Concen: 18.728 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 10240

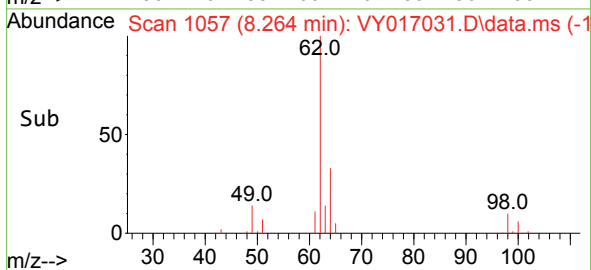
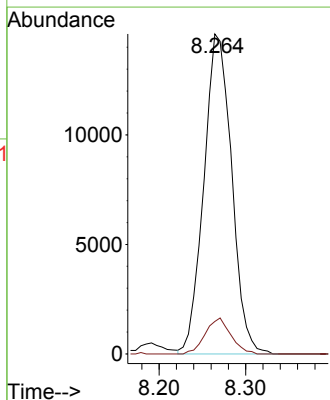
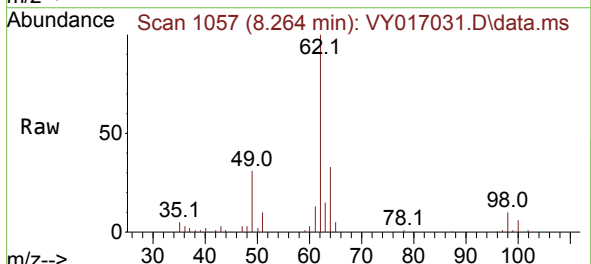
Ion	Ratio	Lower	Upper
41	100		
39	58.1	41.9	62.9
67	81.3	59.8	89.6
52	31.1	24.8	37.2

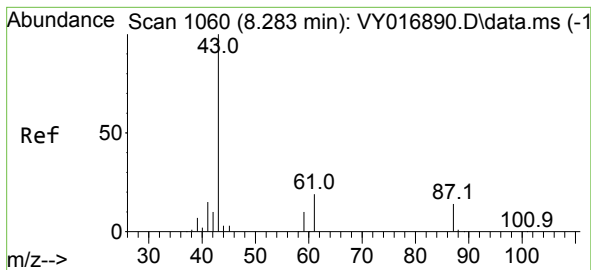


#42
1,2-Dichloroethane
Concen: 17.939 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 62 Resp: 32636

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.955 ug/l

RT: 8.301 min Scan# 1107

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

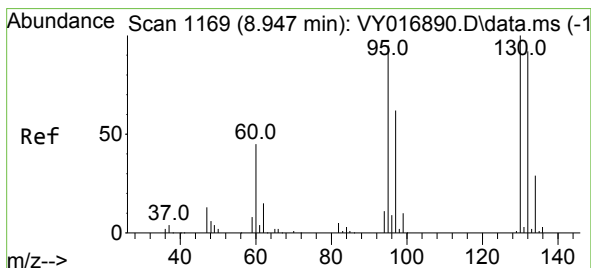
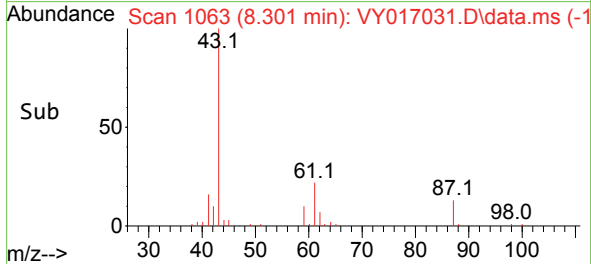
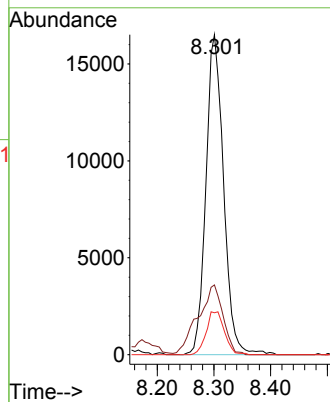
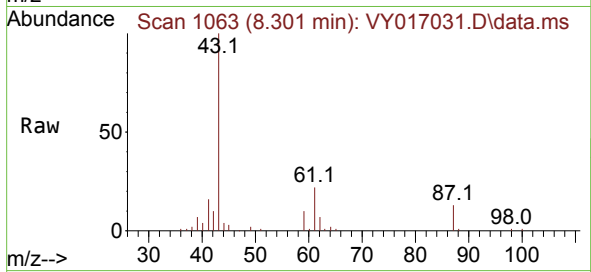
Tgt Ion: 43 Resp: 35696

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 13.9 10.7 16.1



#44

Trichloroethene

Concen: 17.382 ug/l

RT: 8.965 min Scan# 1172

Delta R.T. 0.018 min

Lab File: VY017031.D

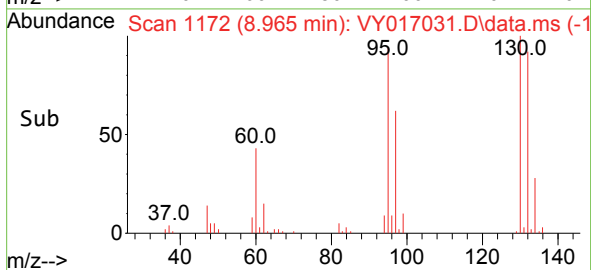
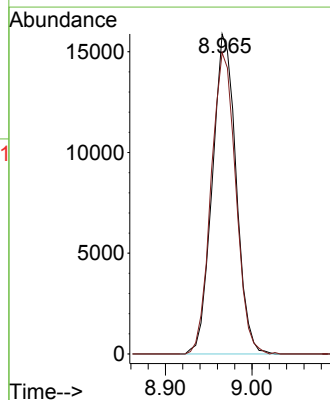
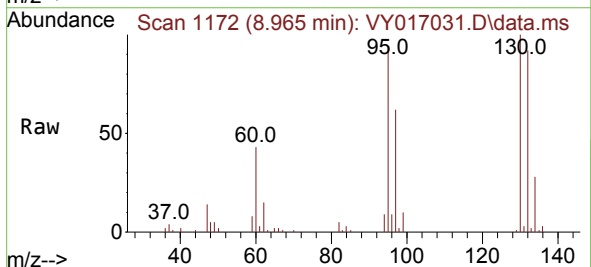
Acq: 18 Jan 2024 11:25

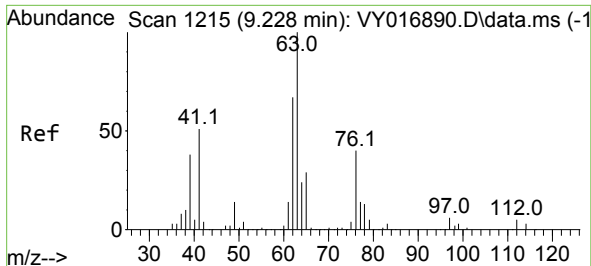
Tgt Ion:130 Resp: 30310

Ion Ratio Lower Upper

130 100

95 94.2 0.0 203.8

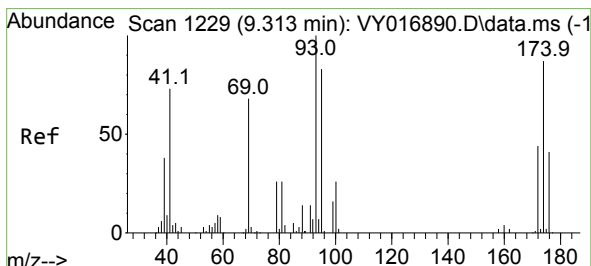
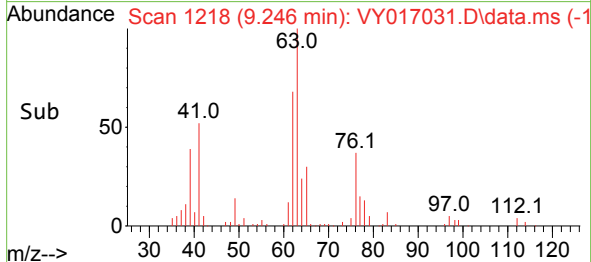
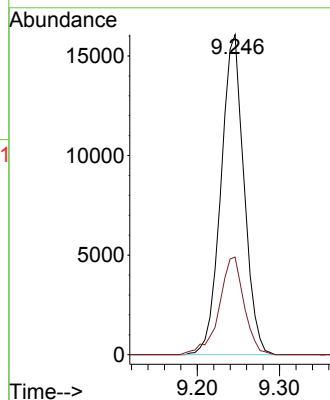
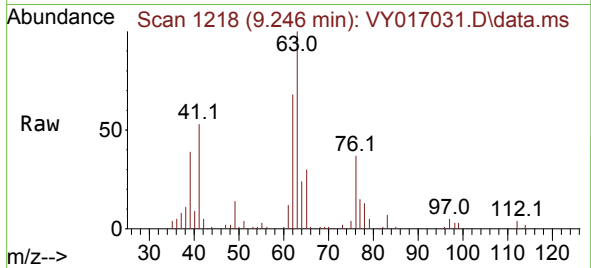




#45
1,2-Dichloropropane
Concen: 17.718 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

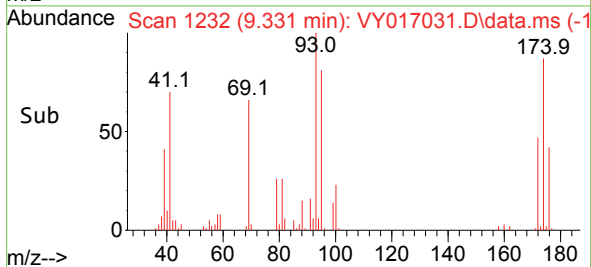
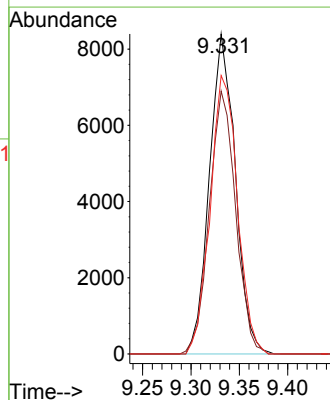
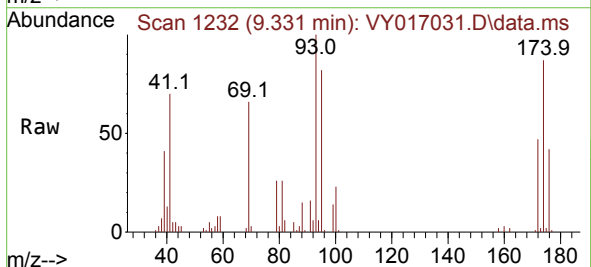
Instrument :
MSVOA_Y
ClientSampleId :

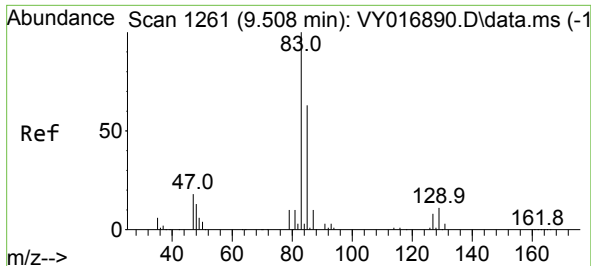
Tgt Ion: 63 Resp: 31280
Ion Ratio Lower Upper
63 100
65 30.5 24.6 36.8



#46
Dibromomethane
Concen: 17.387 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 93 Resp: 15655
Ion Ratio Lower Upper
93 100
95 83.4 66.6 99.8
174 91.4 73.8 110.6

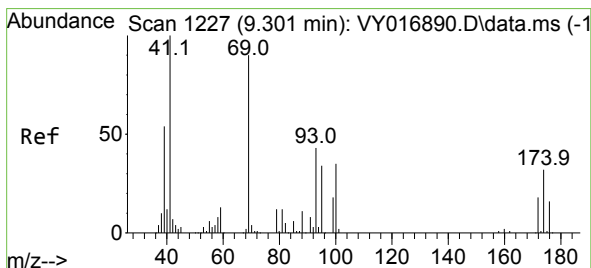
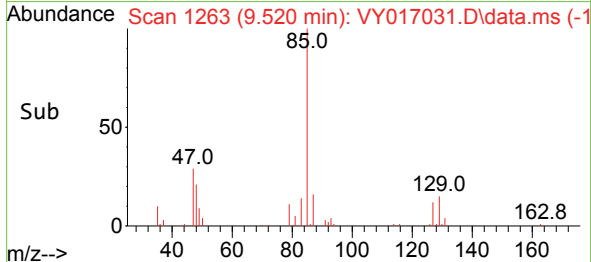
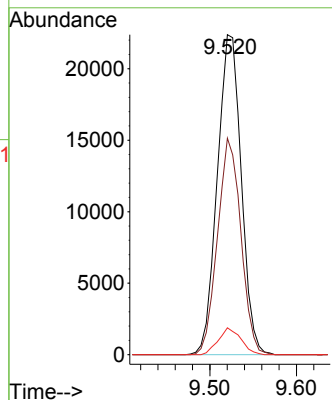
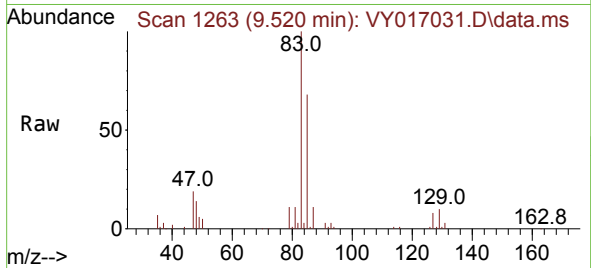




#47
Bromodichloromethane
Concen: 17.786 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

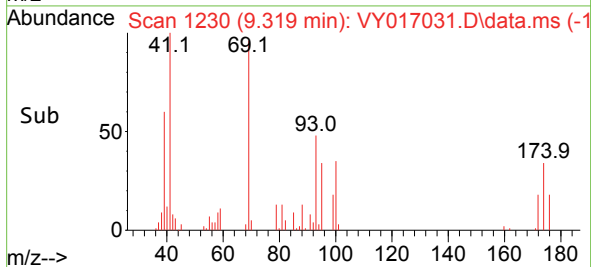
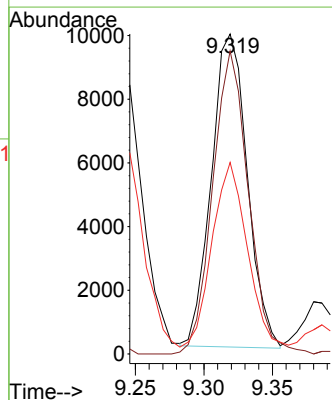
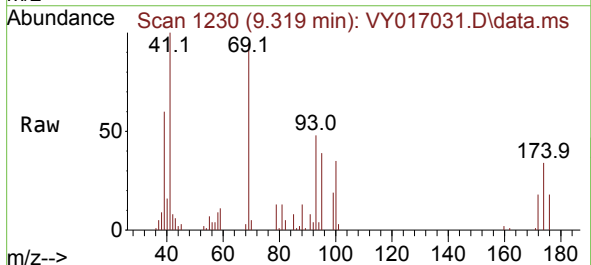
Instrument :
MSVOA_Y
ClientSampleId :

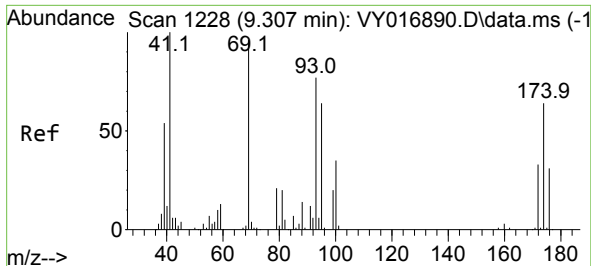
Tgt Ion: 83 Resp: 43004
Ion Ratio Lower Upper
83 100
85 67.6 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 16.669 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 41 Resp: 17884
Ion Ratio Lower Upper
41 100
69 96.5 72.1 108.1
39 63.1 42.8 64.2





#49

1,4-Dioxane

Concen: 375.417 ug/l

RT: 9.325 min Scan# 1228

Delta R.T. 0.012 min

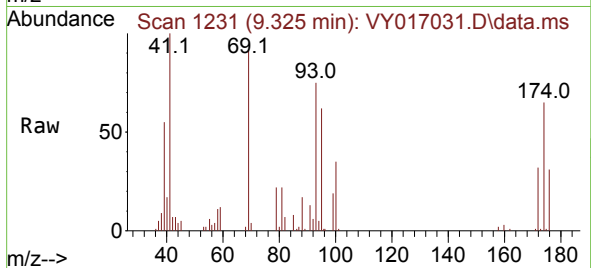
Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :



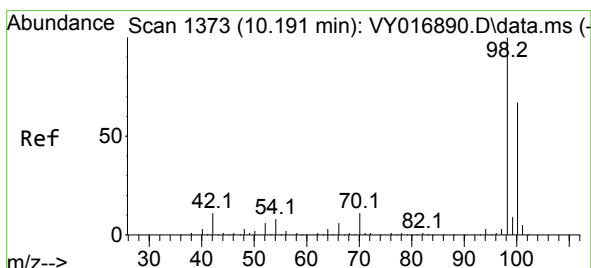
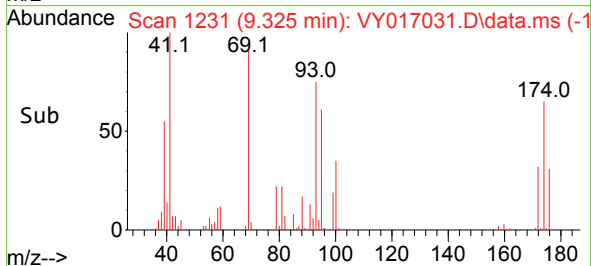
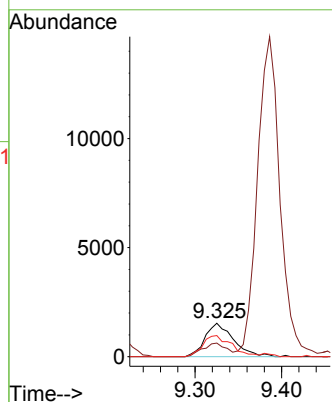
Tgt Ion: 88 Resp: 3500

Ion Ratio Lower Upper

88 100

43 34.0 28.2 42.4

58 64.4 52.2 78.2



#50

Toluene-d8

Concen: 41.375 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY017031.D

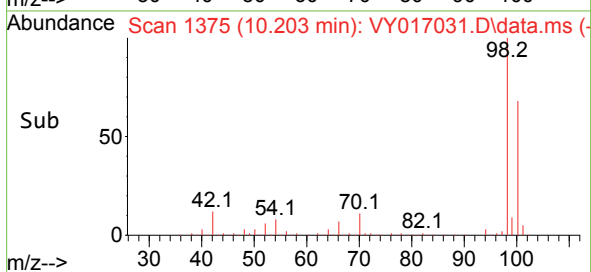
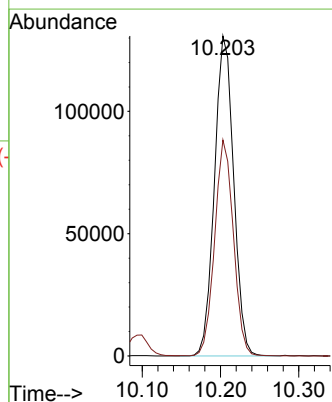
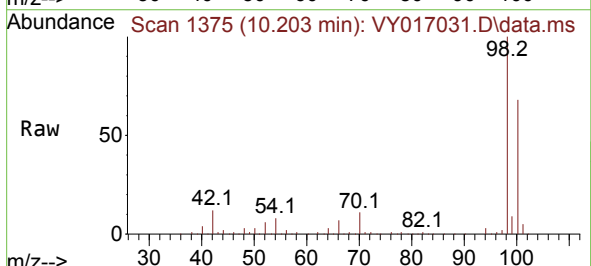
Acq: 18 Jan 2024 11:25

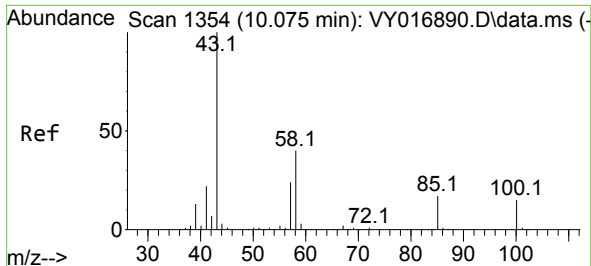
Tgt Ion: 98 Resp: 223339

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 92.543 ug/l

RT: 10.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

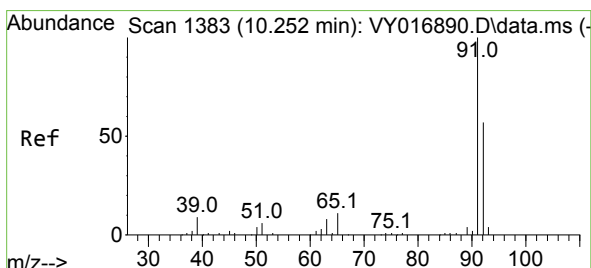
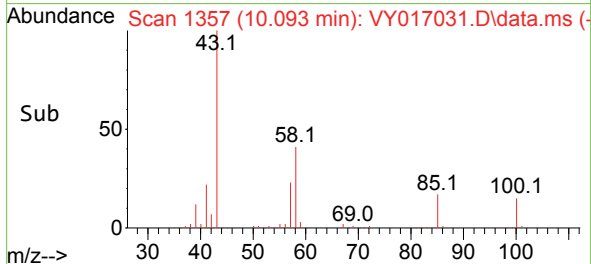
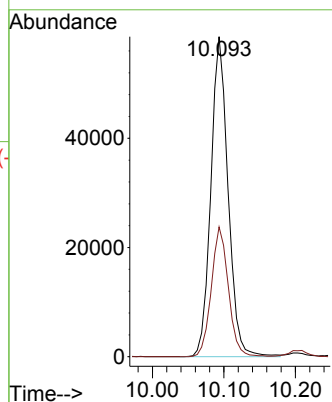
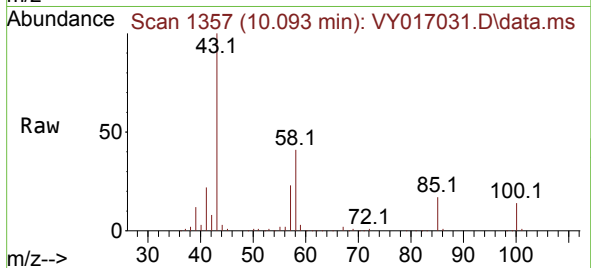
ClientSampleId :

Tgt Ion: 43 Resp: 97844

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



#52

Toluene

Concen: 17.393 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VY017031.D

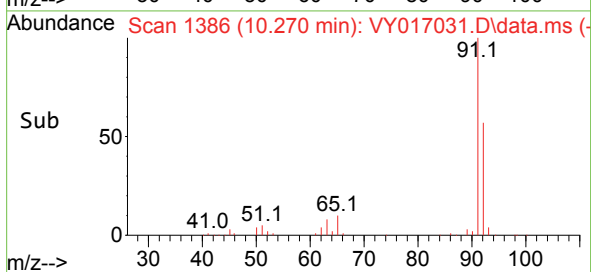
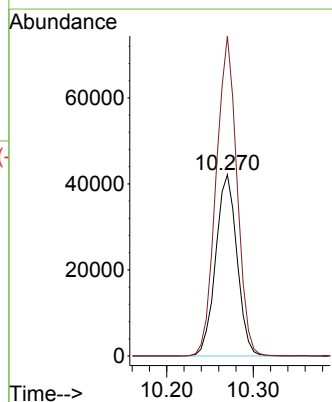
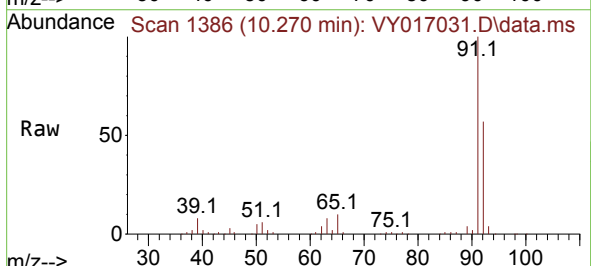
Acq: 18 Jan 2024 11:25

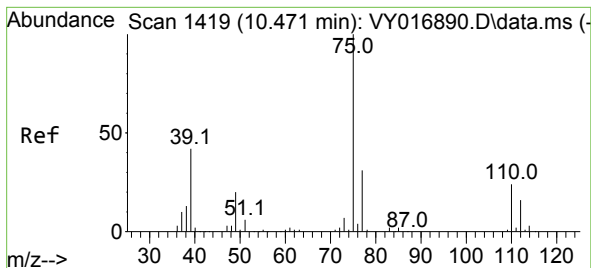
Tgt Ion: 92 Resp: 71935

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4

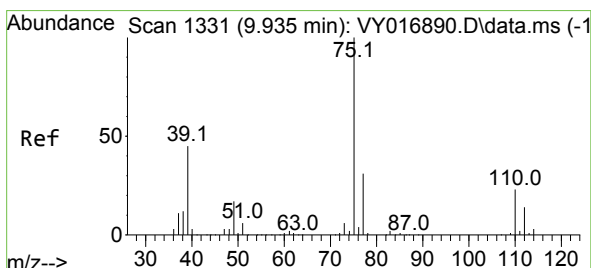
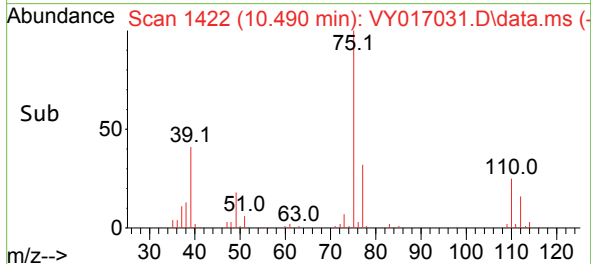
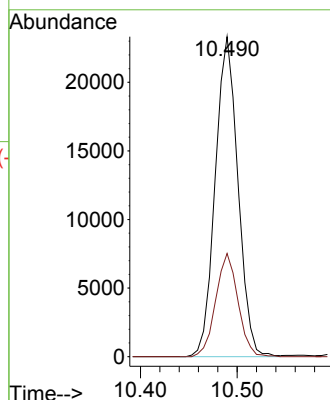
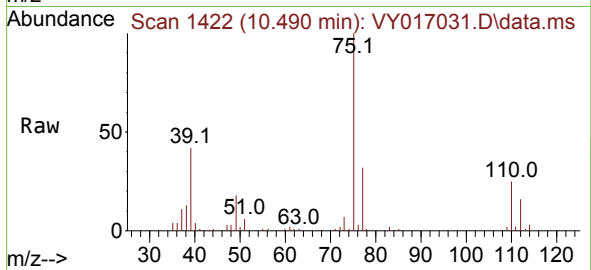




#53
t-1,3-Dichloropropene
Concen: 17.576 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

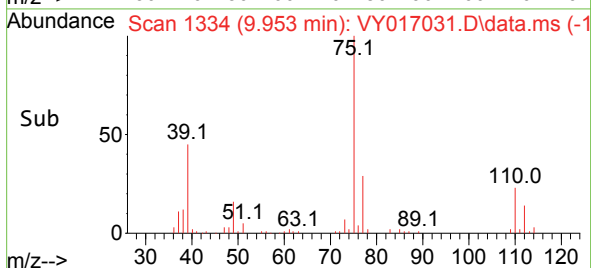
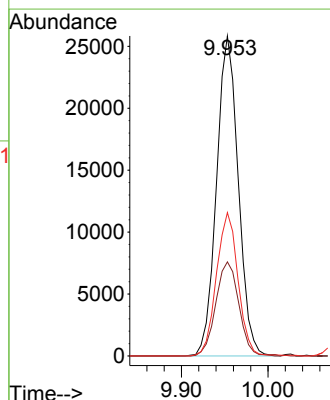
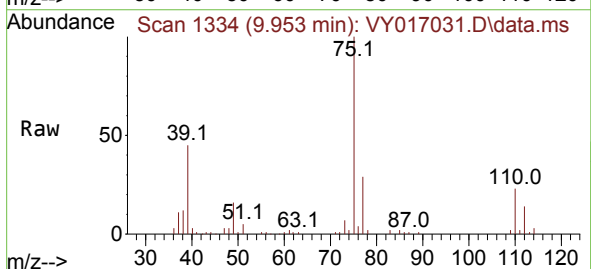
Instrument :
MSVOA_Y
ClientSampleId :

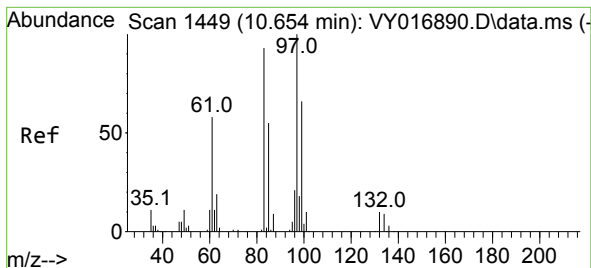
Tgt Ion: 75 Resp: 38065
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 17.318 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 75 Resp: 45042
Ion Ratio Lower Upper
75 100
77 29.4 24.6 36.8
39 44.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 17.893 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 23537

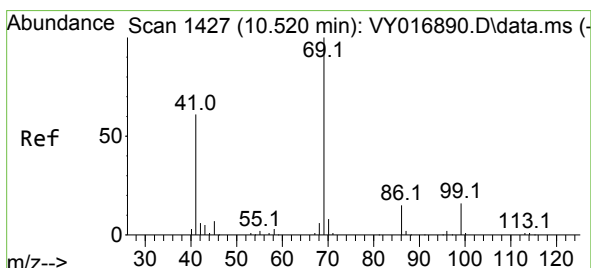
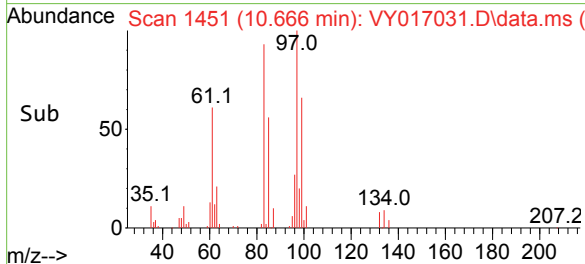
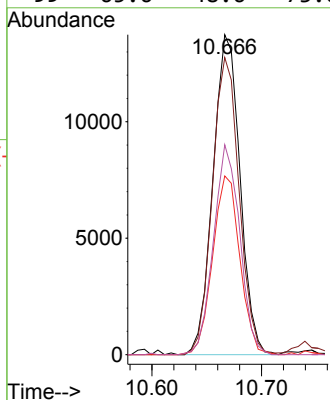
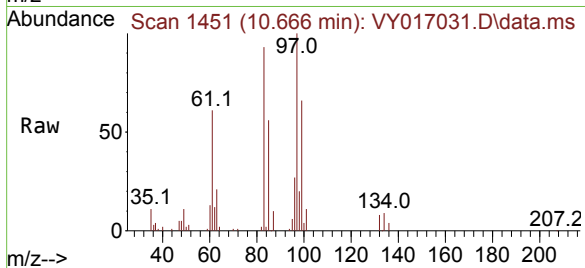
Ion Ratio Lower Upper

97 100

83 92.9 69.4 104.2

85 55.8 43.9 65.9

99 65.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 17.646 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

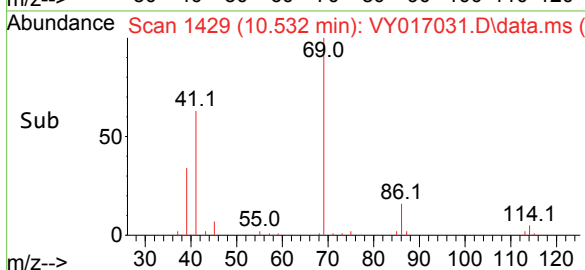
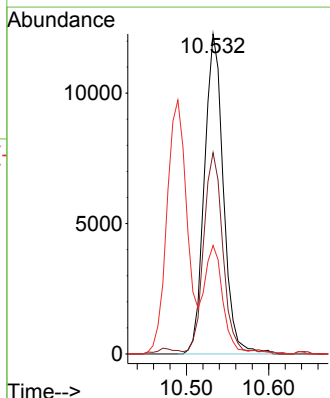
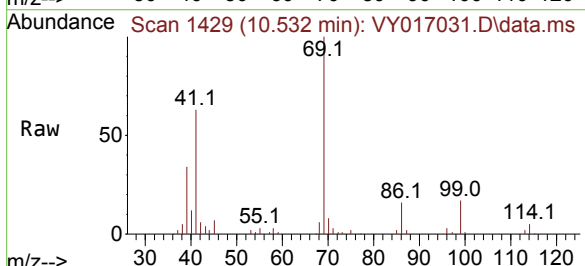
Tgt Ion: 69 Resp: 19660

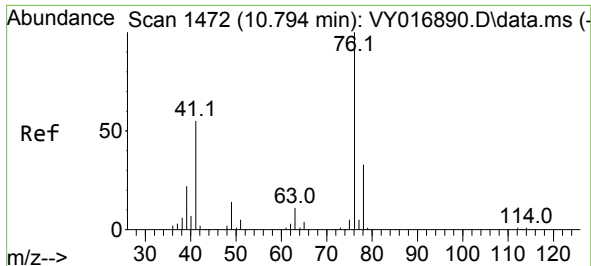
Ion Ratio Lower Upper

69 100

41 61.7 49.2 73.8

39 33.6 26.8 40.2

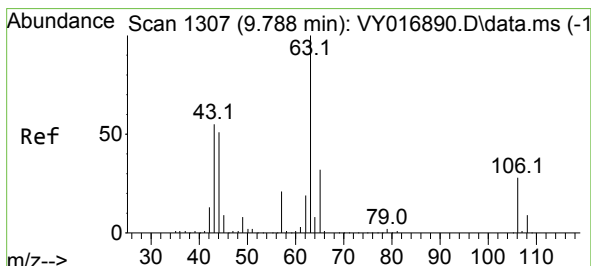
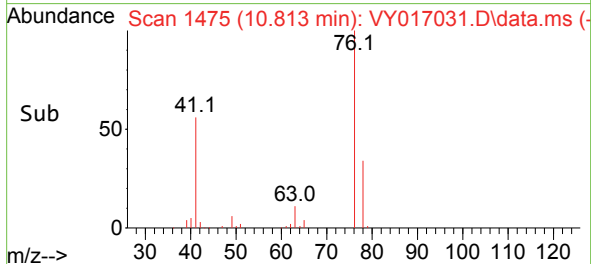
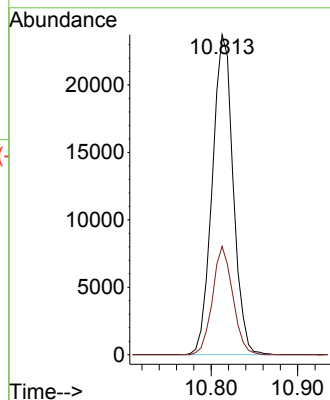
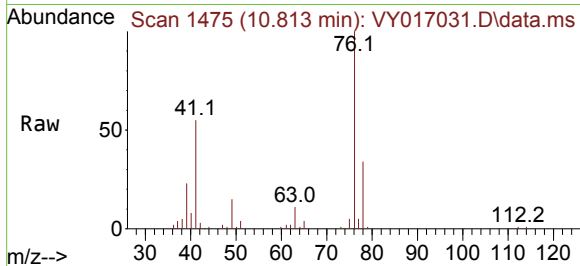




#57
1,3-Dichloropropane
Concen: 18.096 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

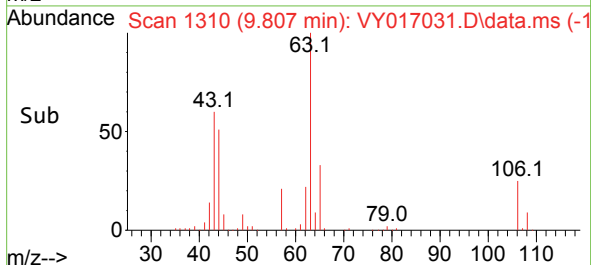
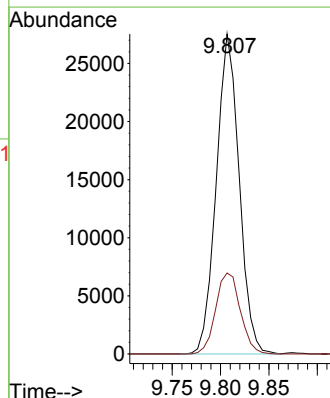
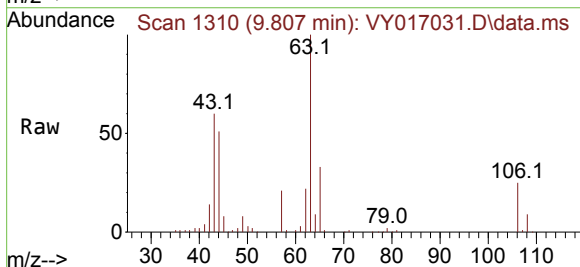
Instrument :
MSVOA_Y
ClientSampleId :

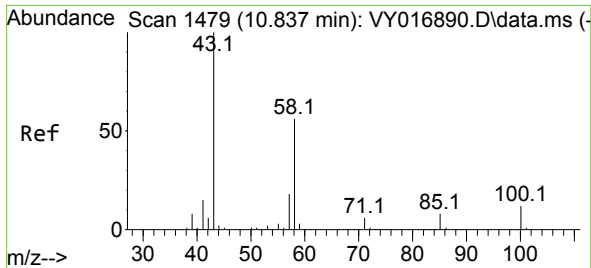
Tgt Ion: 76 Resp: 39742
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 77.498 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 63 Resp: 45266
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6

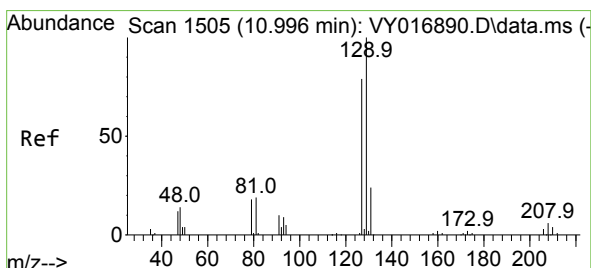
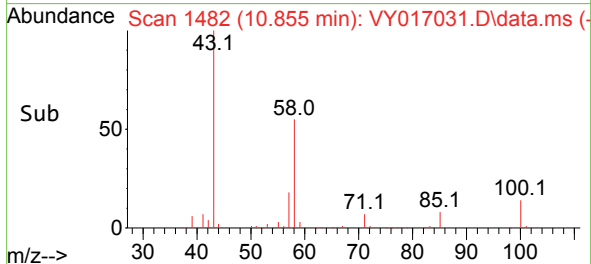
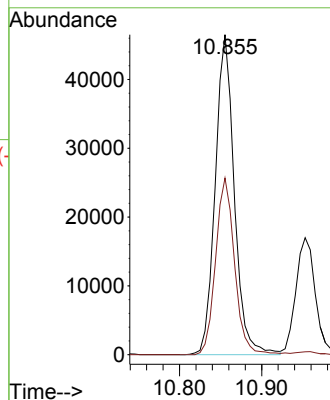
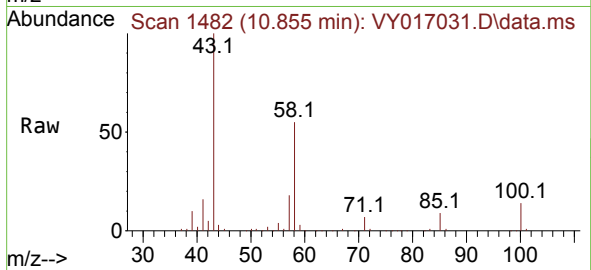




#59
2-Hexanone
Concen: 96.293 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

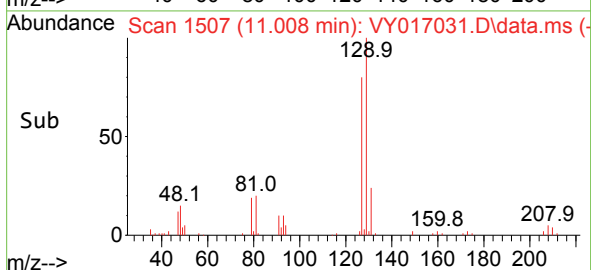
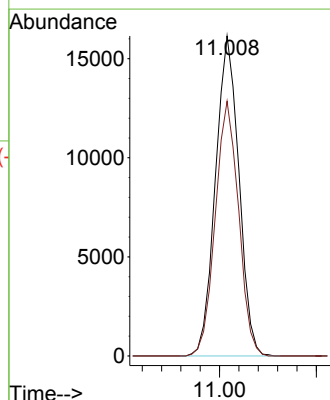
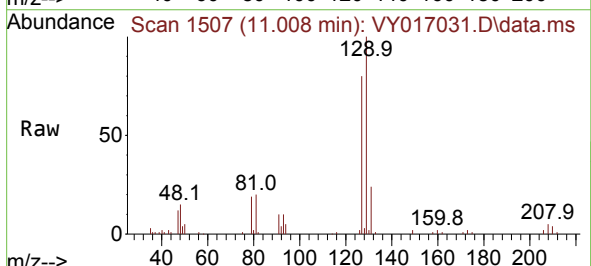
Instrument :
MSVOA_Y
ClientSampleId :

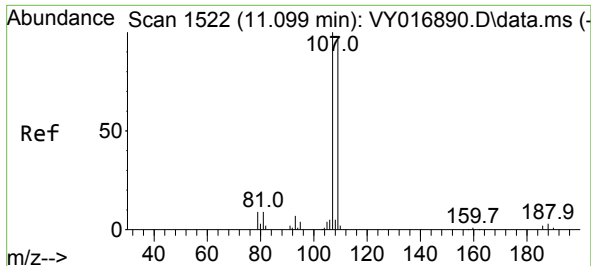
Tgt Ion: 43 Resp: 74965
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.3



#60
Dibromochloromethane
Concen: 17.876 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 129 Resp: 27117
Ion Ratio Lower Upper
129 100
127 79.2 39.2 117.6

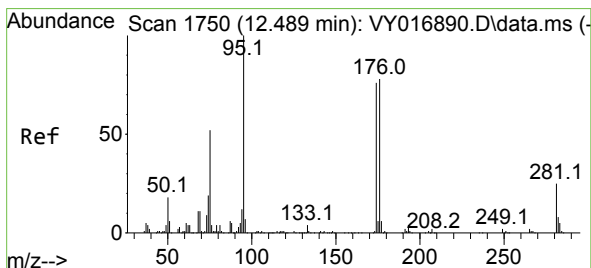
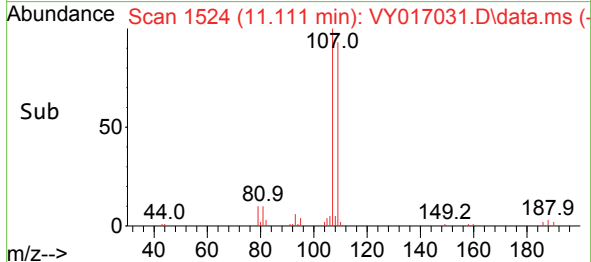
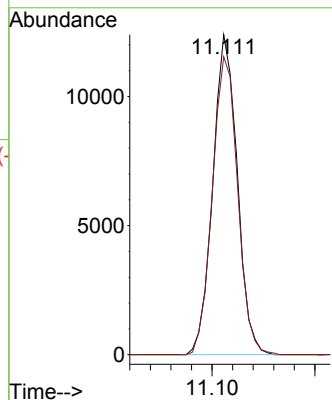
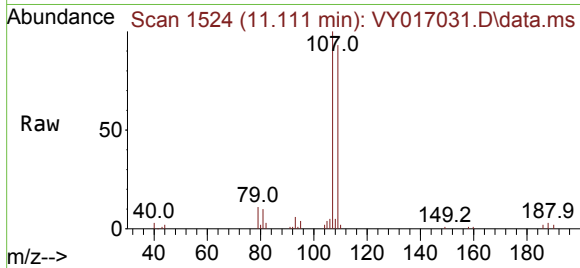




#61
1,2-Dibromoethane
Concen: 17.858 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

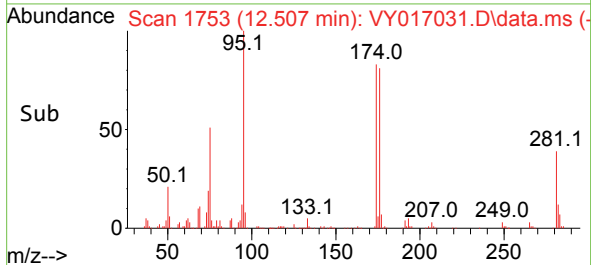
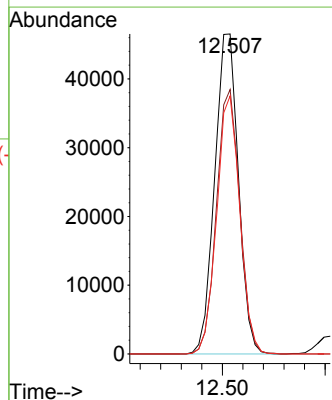
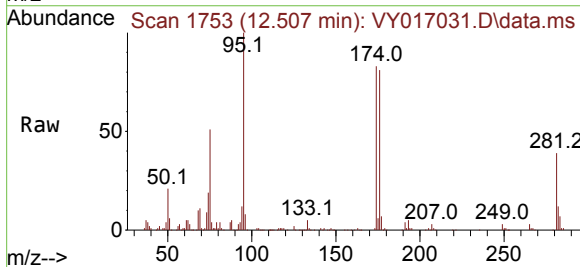
Instrument :
MSVOA_Y
ClientSampleId :

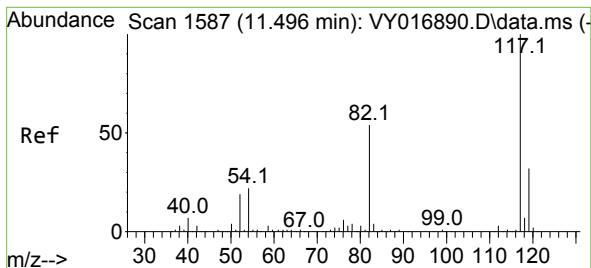
Tgt Ion:107 Resp: 20410
Ion Ratio Lower Upper
107 100
109 96.5 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 40.862 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 95 Resp: 74416
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 78.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

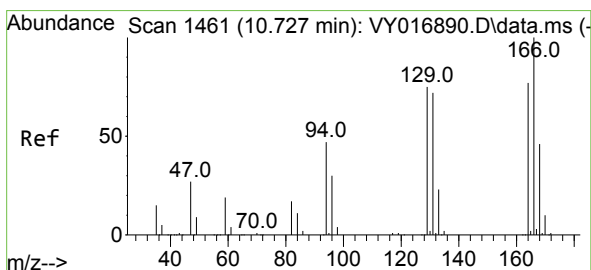
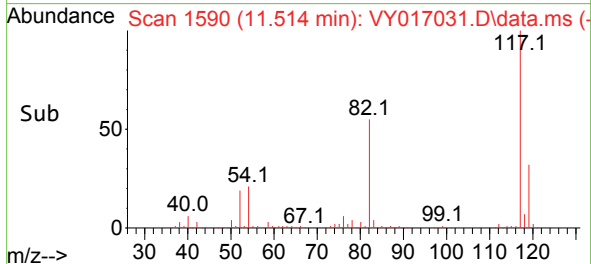
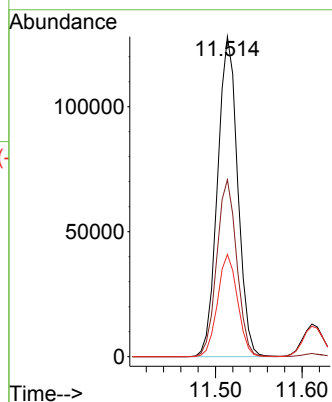
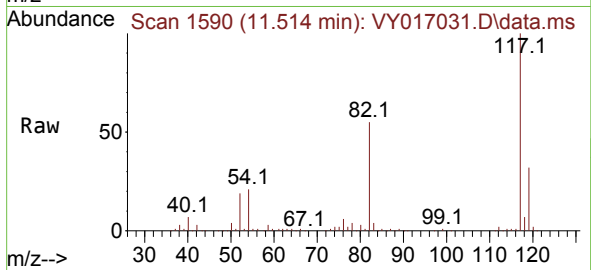
Tgt Ion:117 Resp: 207066

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 17.308 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Tgt Ion:164 Resp: 23235

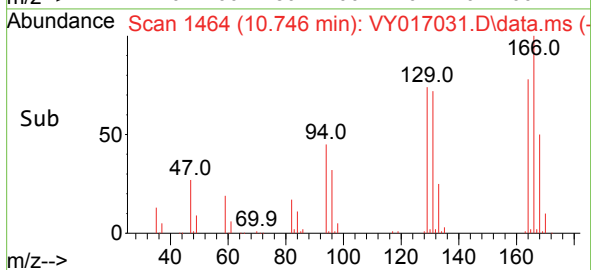
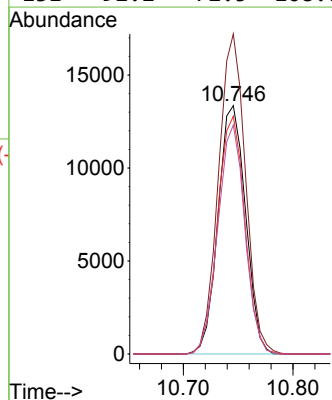
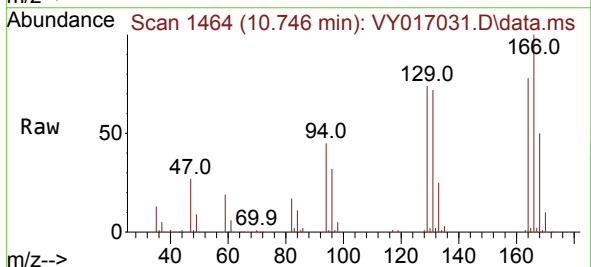
Ion Ratio Lower Upper

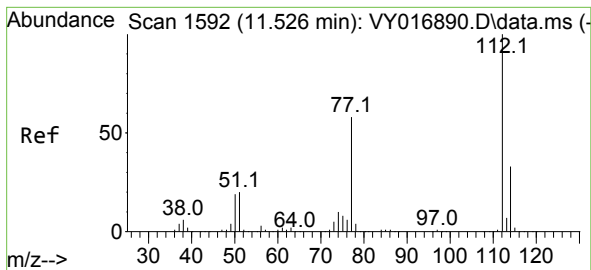
164 100

166 128.8 98.8 148.2

129 95.7 78.9 118.3

131 92.2 72.5 108.7

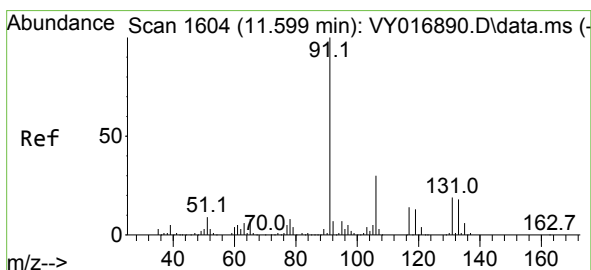
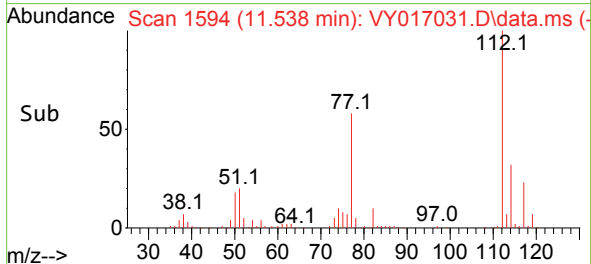
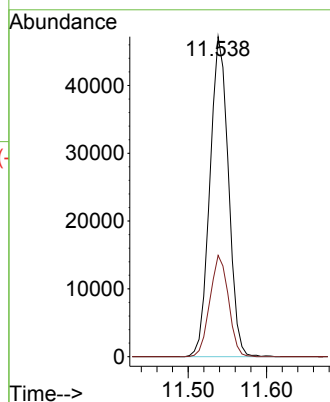
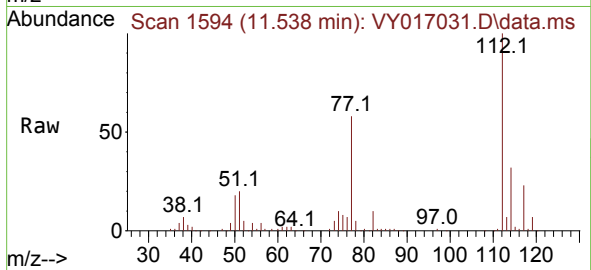




#65
Chlorobenzene
Concen: 17.964 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

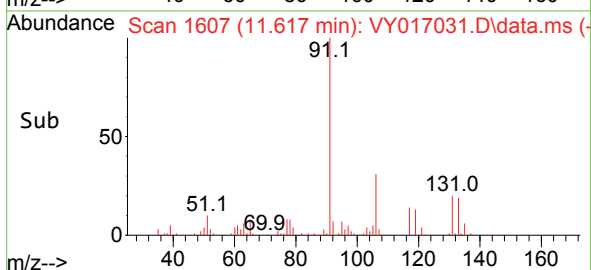
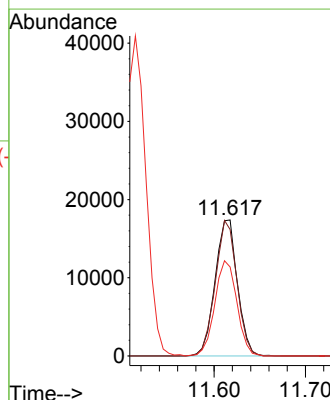
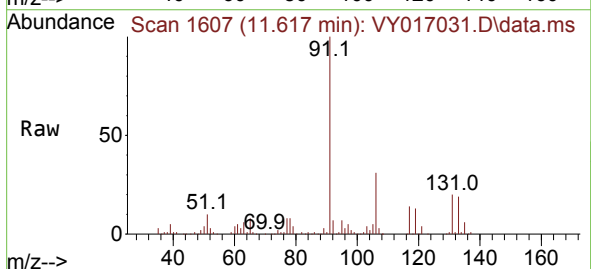
Instrument :
MSVOA_Y
ClientSampleId :

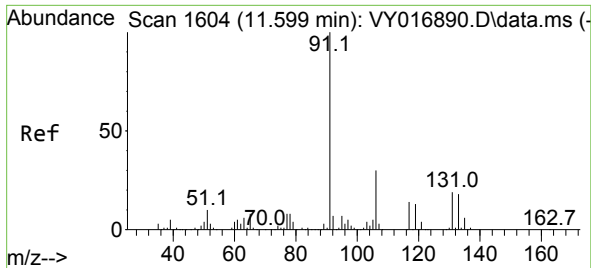
Tgt Ion:112 Resp: 77488
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.008 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion:131 Resp: 29528
Ion Ratio Lower Upper
131 100
133 96.4 47.0 141.0
119 69.3 33.3 99.9





#67

Ethyl Benzene

Concen: 17.583 ug/l

RT: 11.617 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

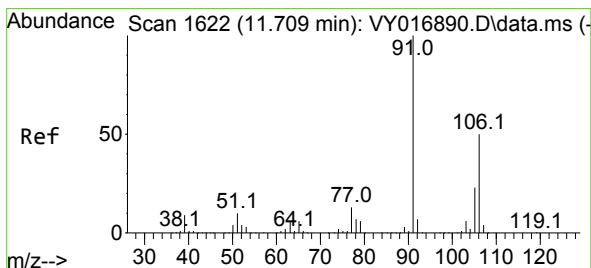
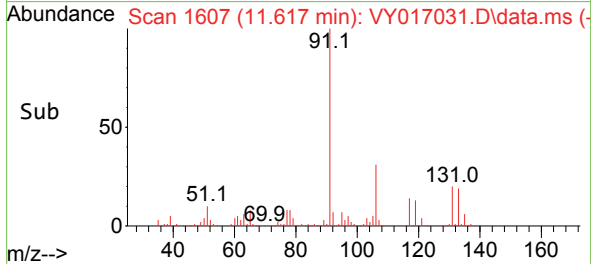
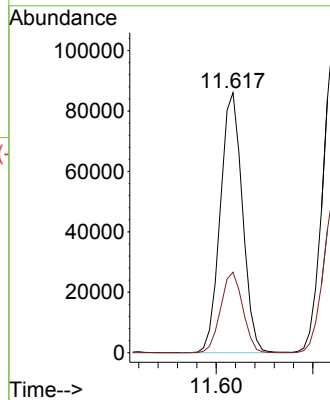
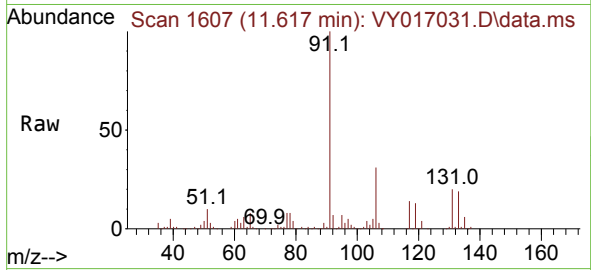
ClientSampleId :

Tgt Ion: 91 Resp: 136544

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 35.393 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017031.D

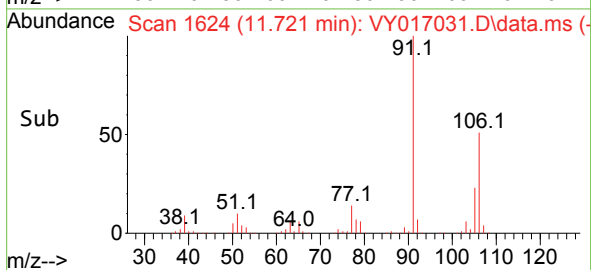
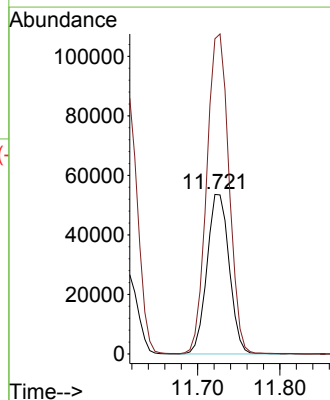
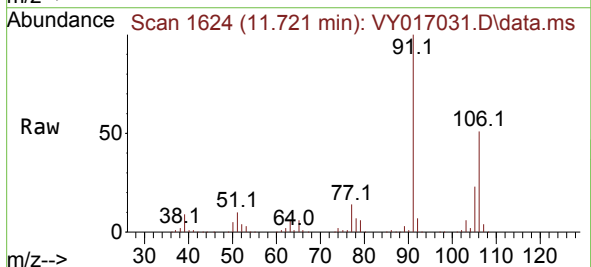
Acq: 18 Jan 2024 11:25

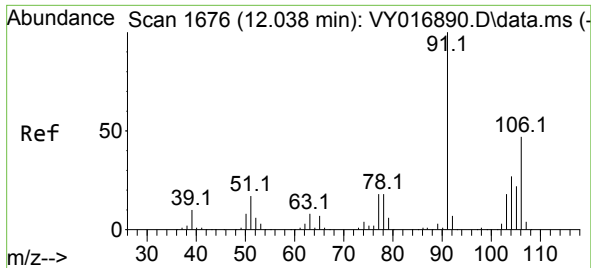
Tgt Ion:106 Resp: 100890

Ion Ratio Lower Upper

106 100

91 201.2 160.7 241.1

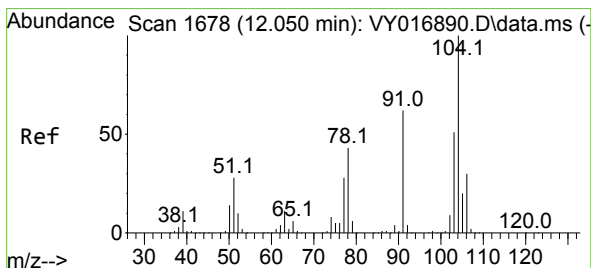
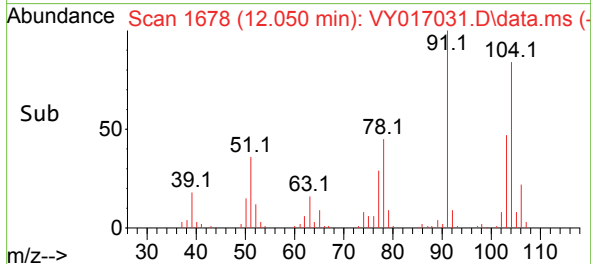
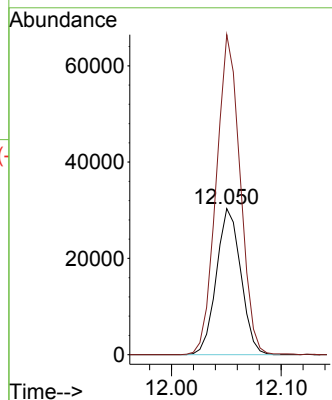
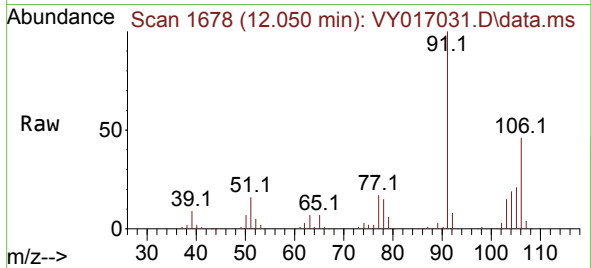




#69
o-Xylene
Concen: 17.591 ug/l
RT: 12.050 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

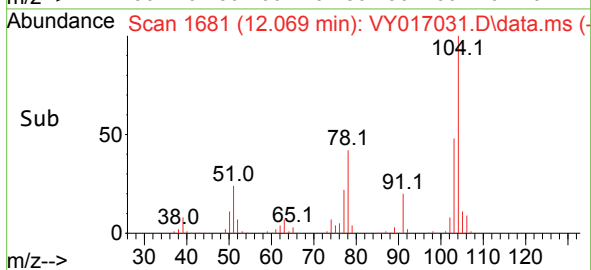
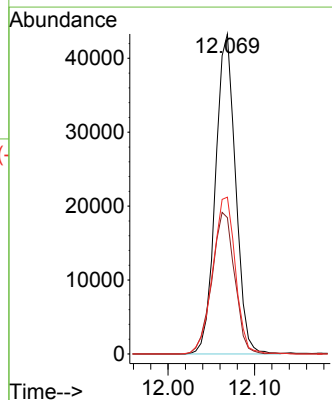
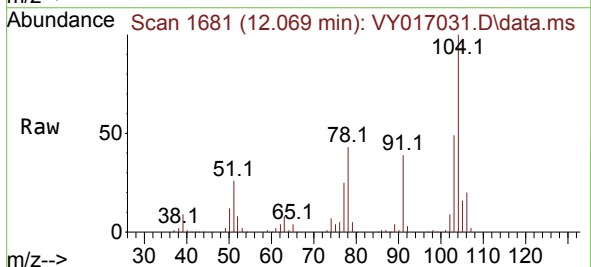
Instrument :
MSVOA_Y
ClientSampleId :

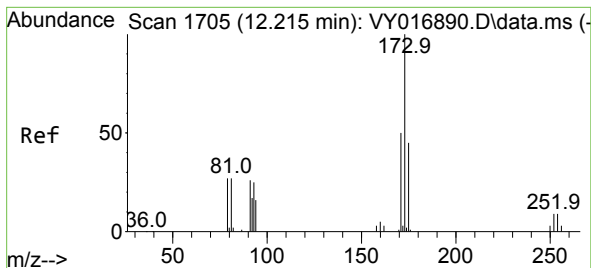
Tgt Ion:106 Resp: 47009
Ion Ratio Lower Upper
106 100
91 214.7 106.5 319.5



#70
Styrene
Concen: 17.944 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion:104 Resp: 69789
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 55.4 43.8 65.6





#71

Bromoform

Concen: 18.451 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

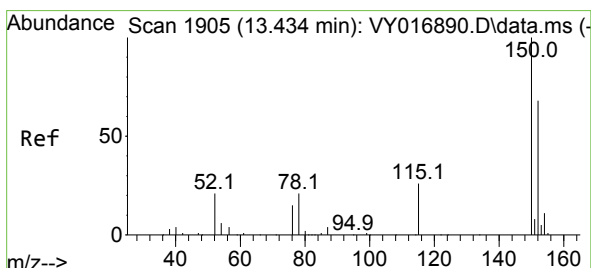
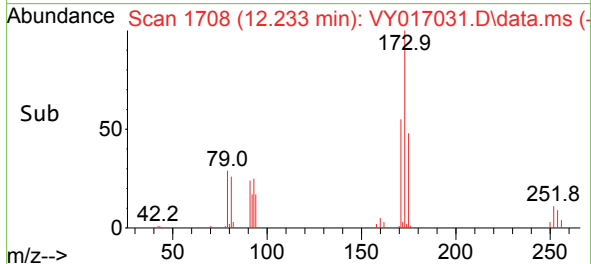
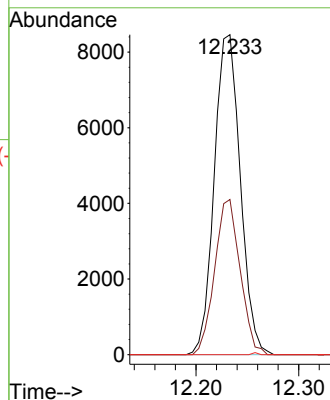
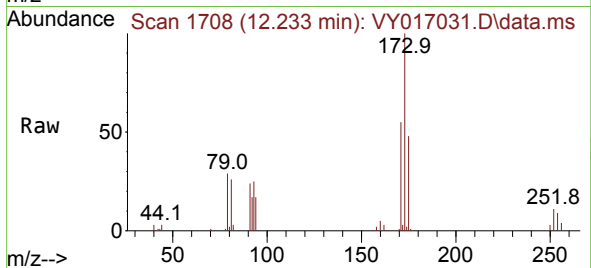
Tgt Ion:173 Resp: 14894

Ion Ratio Lower Upper

173 100

175 47.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

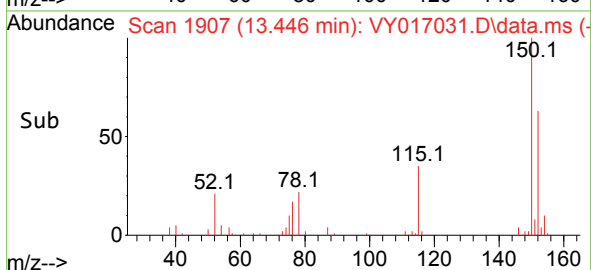
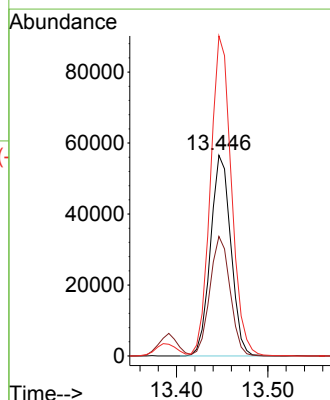
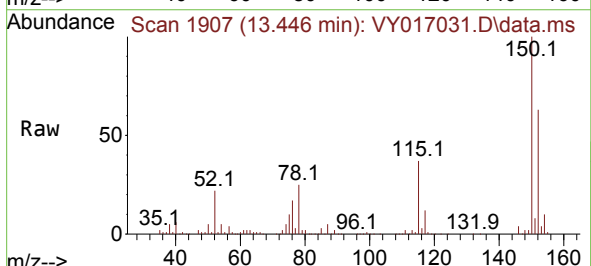
Tgt Ion:152 Resp: 87402

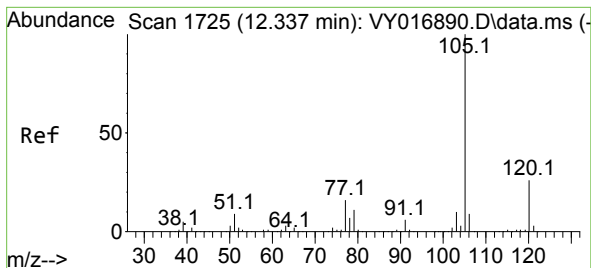
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 164.4 0.0 344.6





#73

Isopropylbenzene

Concen: 18.494 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

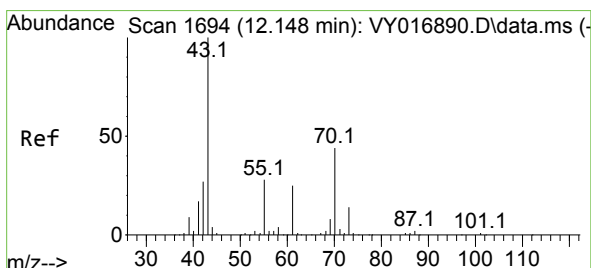
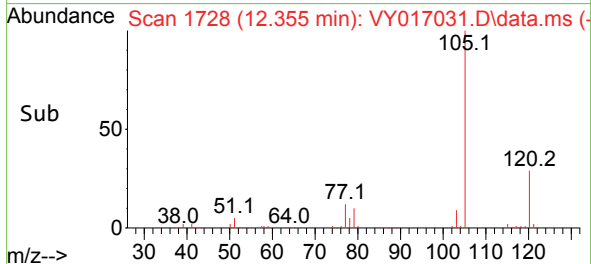
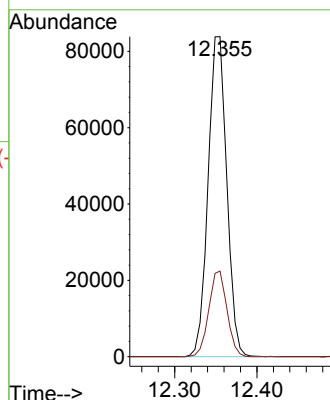
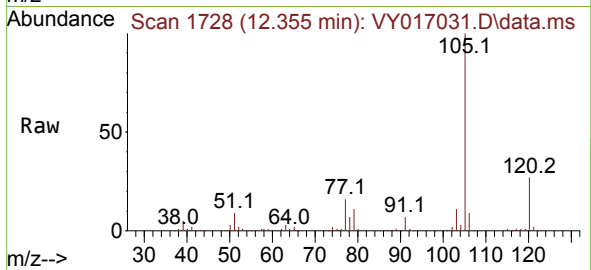
ClientSampleId :

Tgt Ion:105 Resp: 131998

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 18.445 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Tgt Ion: 43 Resp: 26450

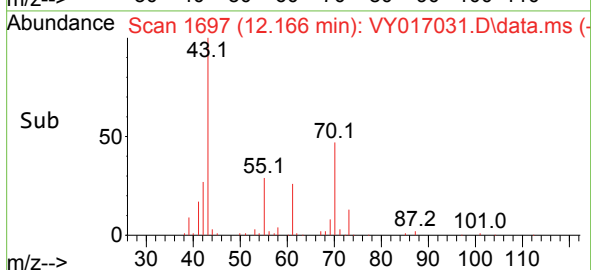
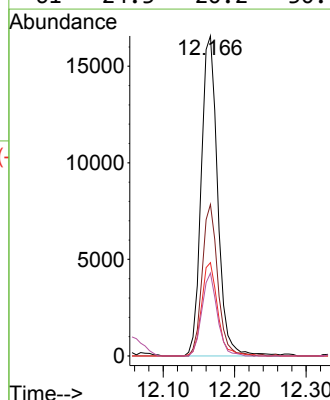
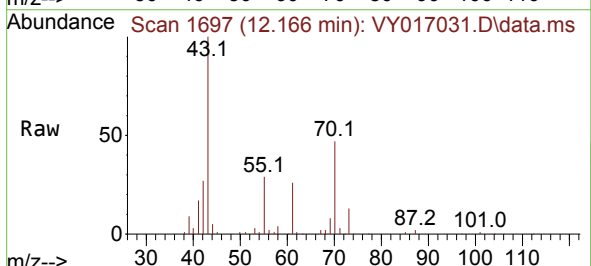
Ion Ratio Lower Upper

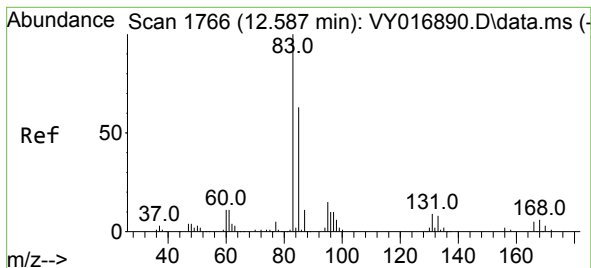
43 100

70 45.0 36.6 55.0

55 28.5 22.2 33.4

61 24.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.763 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

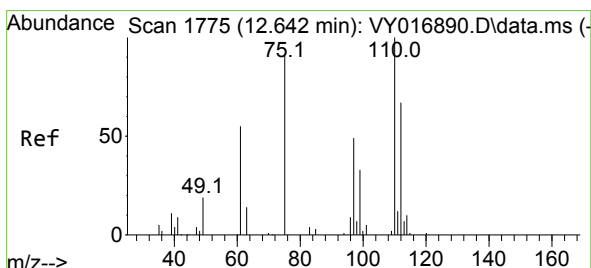
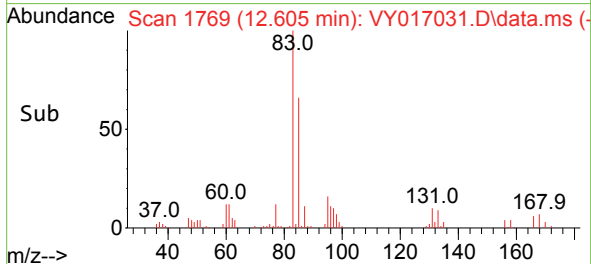
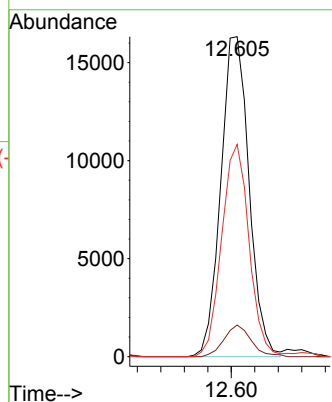
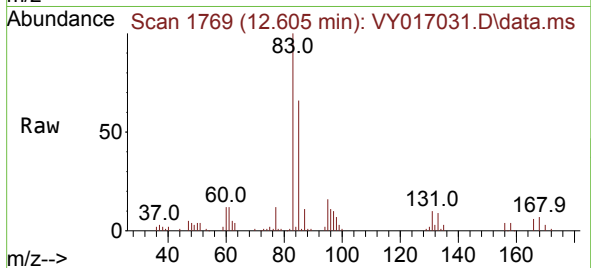
Tgt Ion: 83 Resp: 27286

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 33.618 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY017031.D

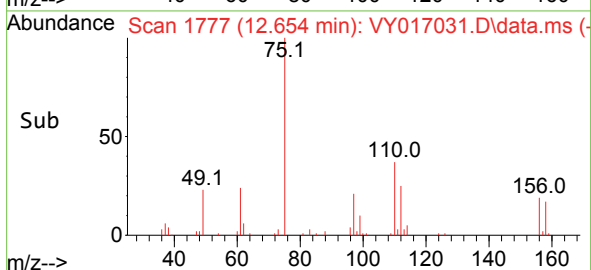
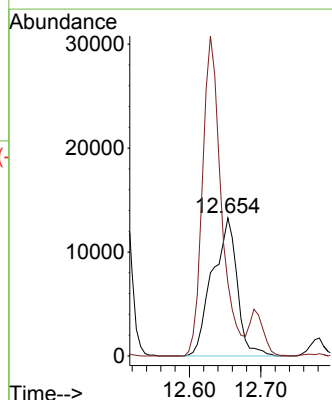
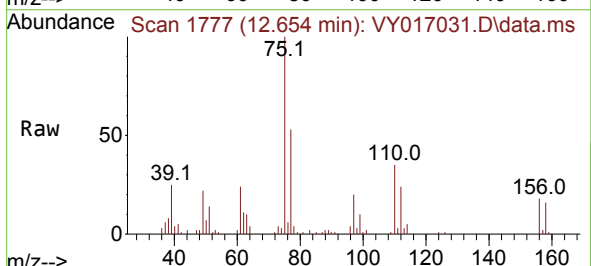
Acq: 18 Jan 2024 11:25

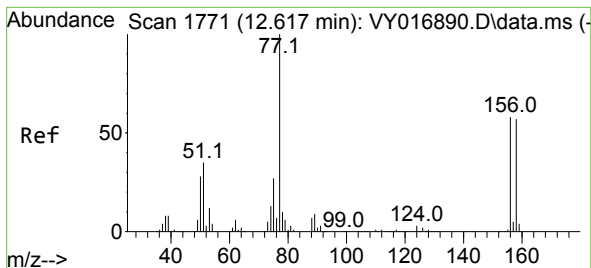
Tgt Ion: 75 Resp: 31886

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.128 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

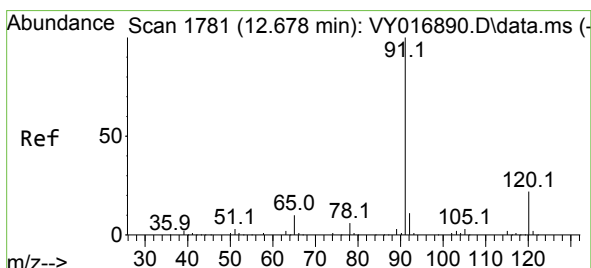
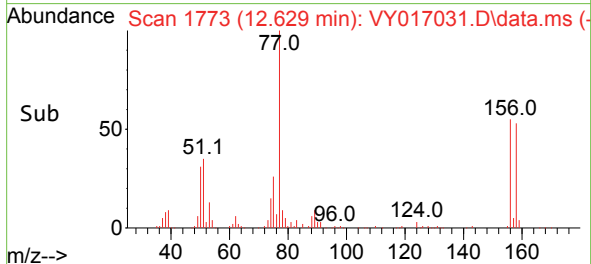
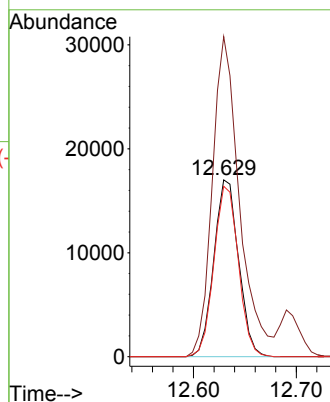
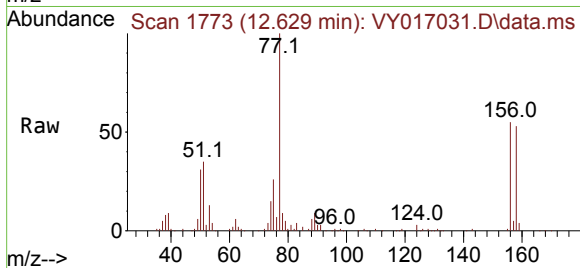
Tgt Ion:156 Resp: 28487

Ion Ratio Lower Upper

156 100

77 198.6 97.3 291.8

158 95.2 48.4 145.0



#78

n-propylbenzene

Concen: 18.527 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017031.D

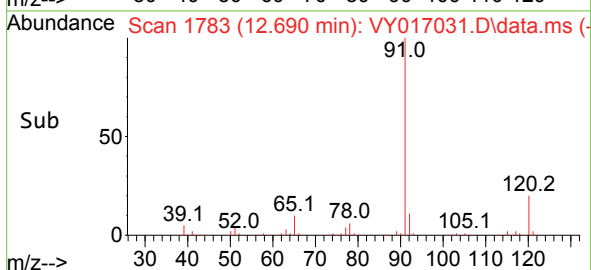
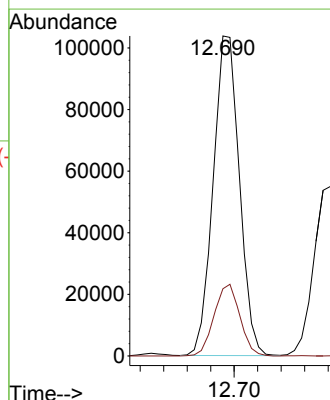
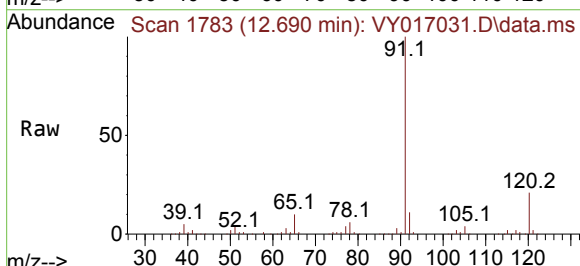
Acq: 18 Jan 2024 11:25

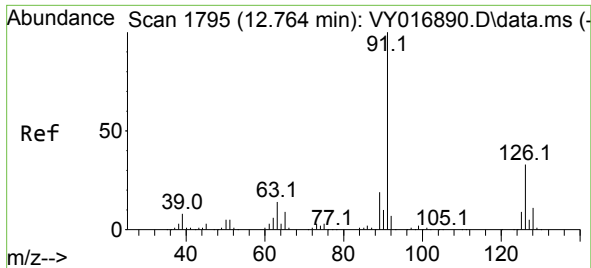
Tgt Ion: 91 Resp: 160758

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

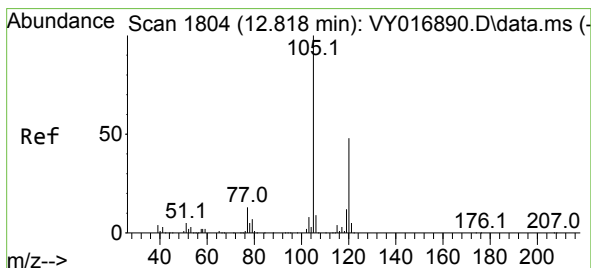
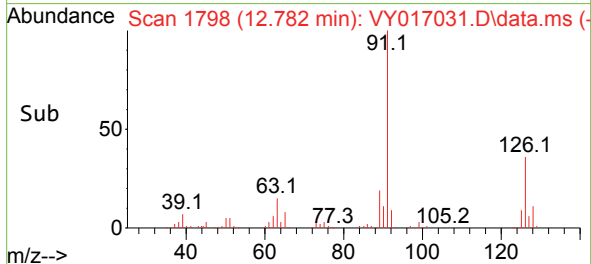
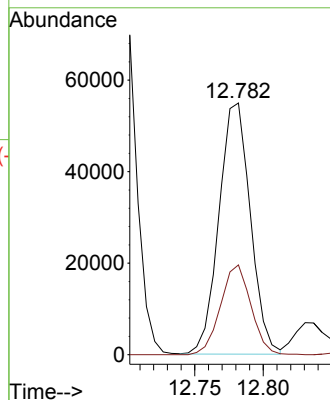
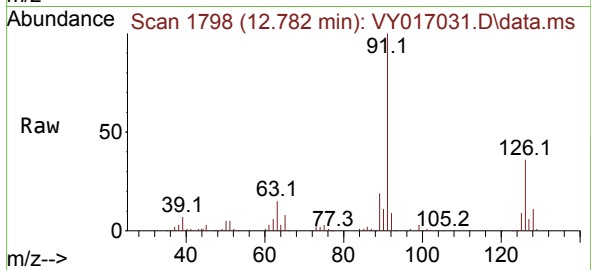




#79
2-Chlorotoluene
Concen: 18.211 ug/l
RT: 12.782 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

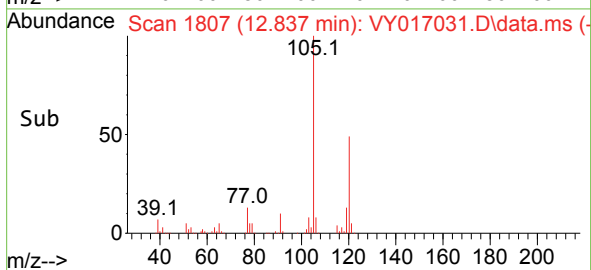
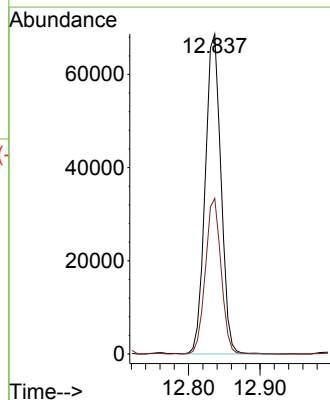
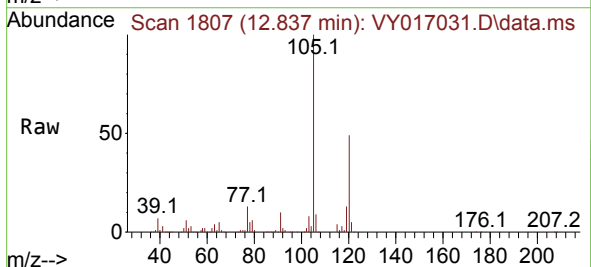
Instrument :
MSVOA_Y
ClientSampleId :

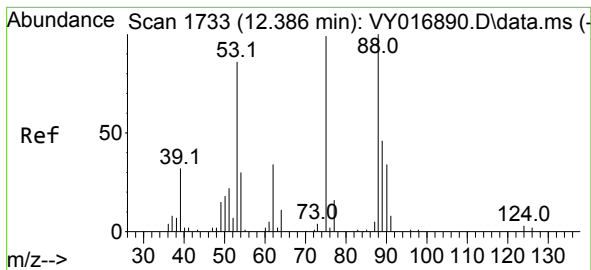
Tgt Ion: 91 Resp: 87623
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 18.620 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

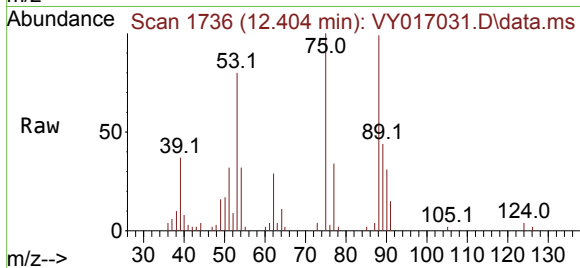
Tgt Ion: 105 Resp: 105104
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



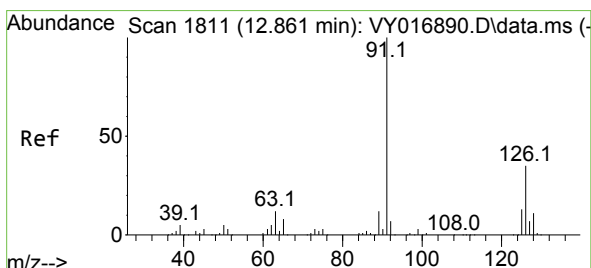
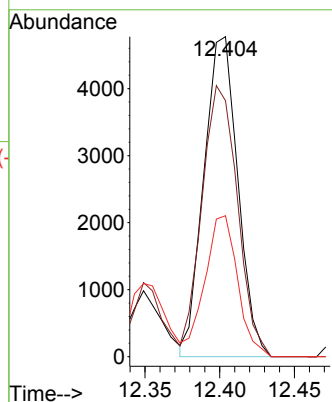
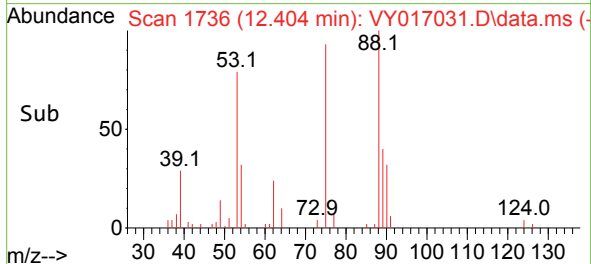


#81
trans-1,4-Dichloro-2-butene
Concen: 18.021 ug/l
RT: 12.404 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

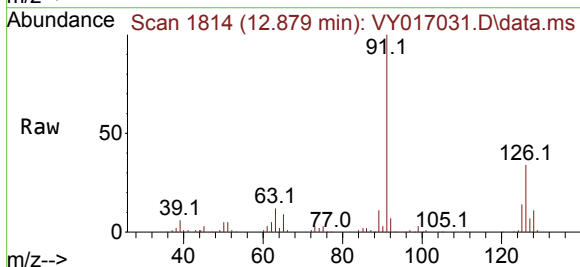
Instrument :
MSVOA_Y
ClientSampleId :



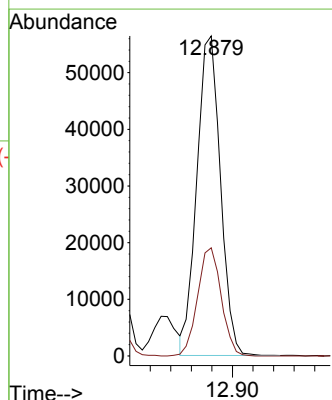
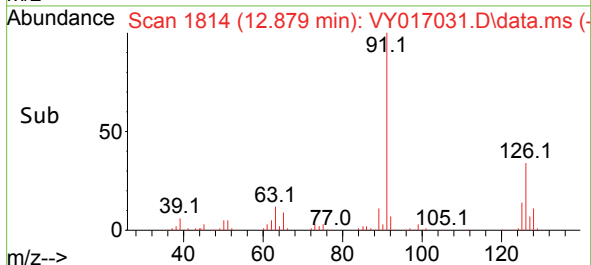
Tgt Ion: 75 Resp: 7527
Ion Ratio Lower Upper
75 100
53 88.9 74.0 111.0
89 42.8 36.5 54.7

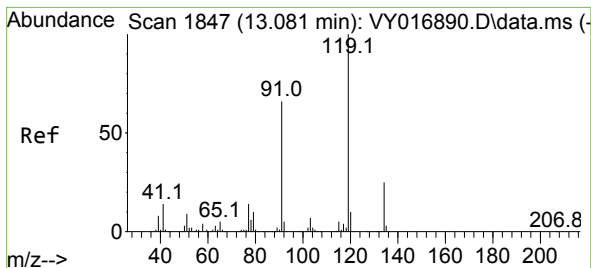


#82
4-Chlorotoluene
Concen: 18.276 ug/l
RT: 12.879 min Scan# 1814
Delta R.T. 0.018 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25



Tgt Ion: 91 Resp: 89838
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.720 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

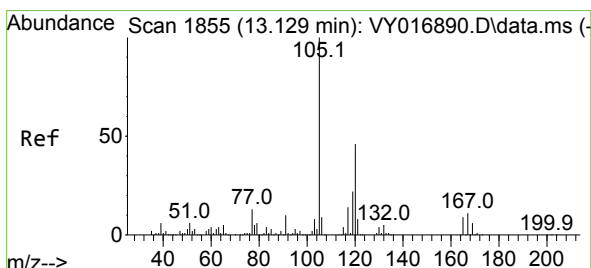
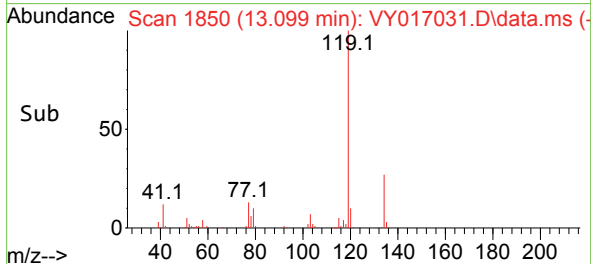
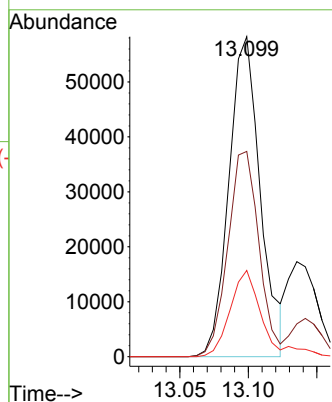
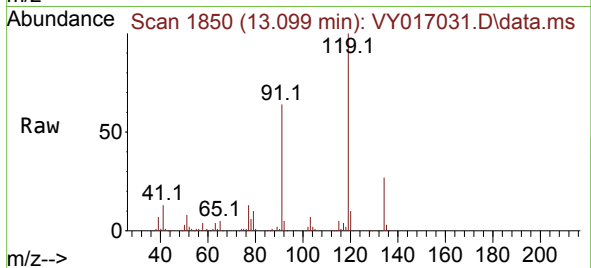
Tgt Ion:119 Resp: 93071

Ion Ratio Lower Upper

119 100

91 63.5 31.5 94.5

134 27.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 18.267 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY017031.D

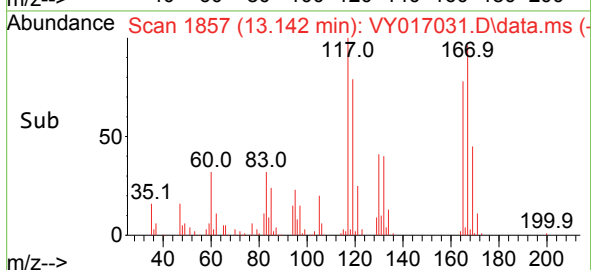
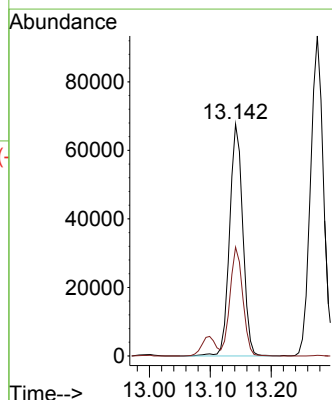
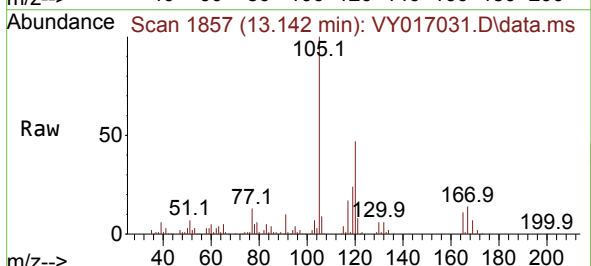
Acq: 18 Jan 2024 11:25

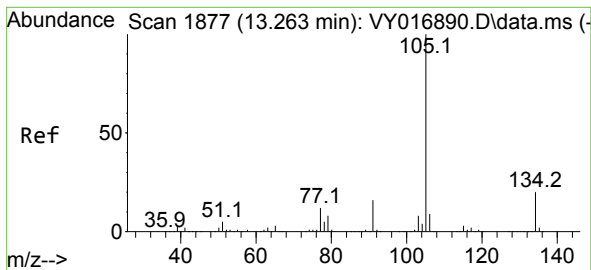
Tgt Ion:105 Resp: 101547

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.628 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

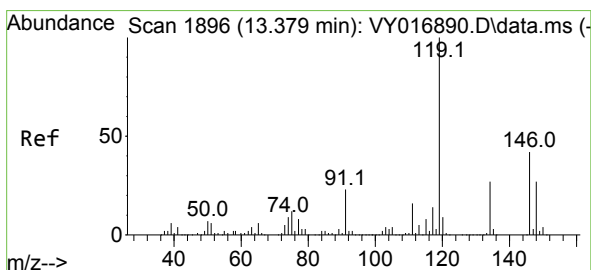
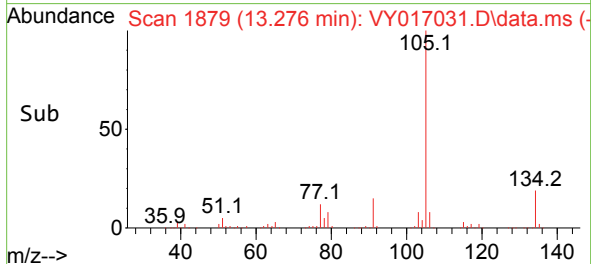
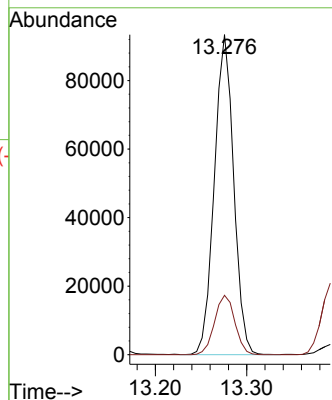
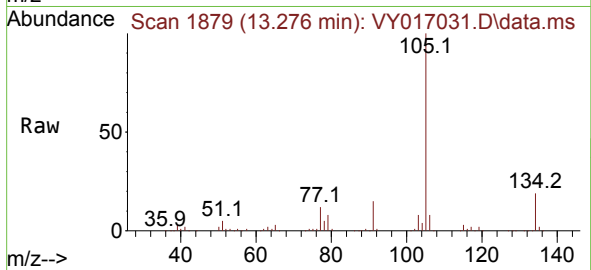
ClientSampleId :

Tgt Ion:105 Resp: 137231

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.194 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

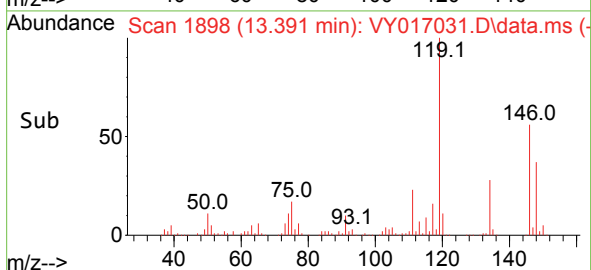
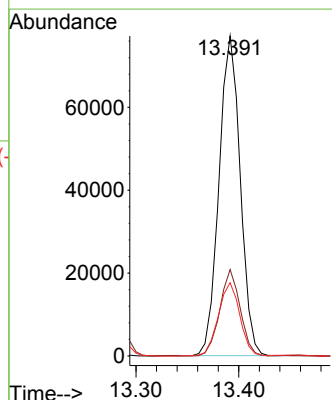
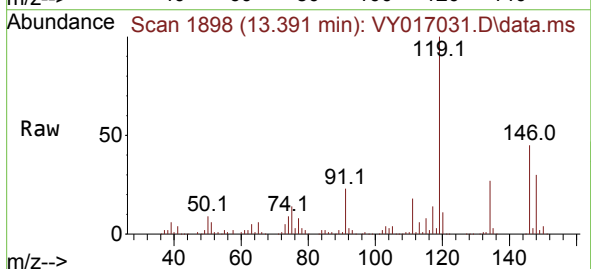
Tgt Ion:119 Resp: 110618

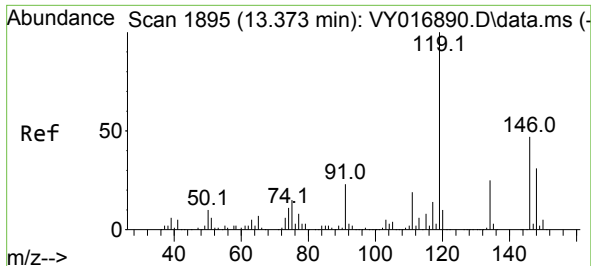
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 17.993 ug/l

RT: 13.391 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

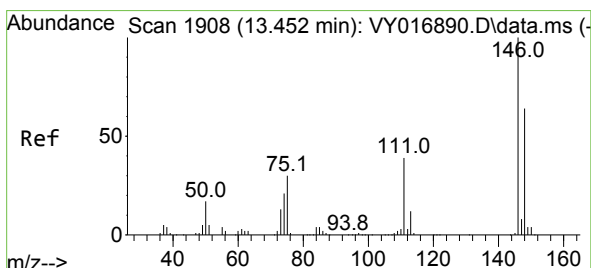
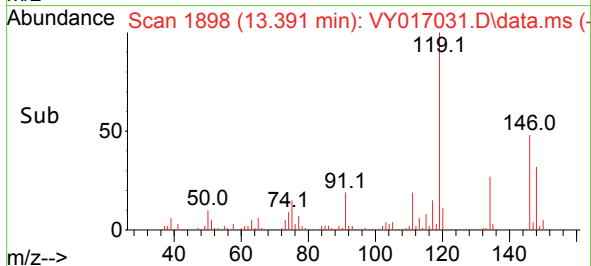
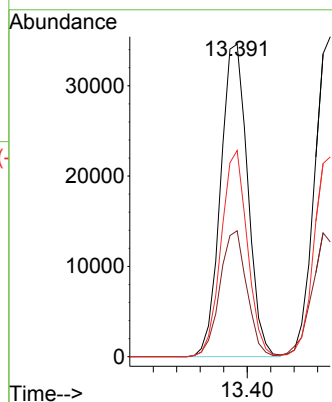
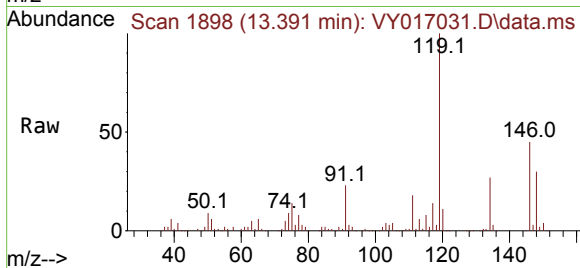
Tgt Ion:146 Resp: 55451

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.083 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.019 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

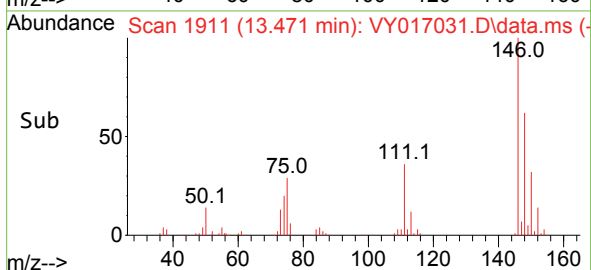
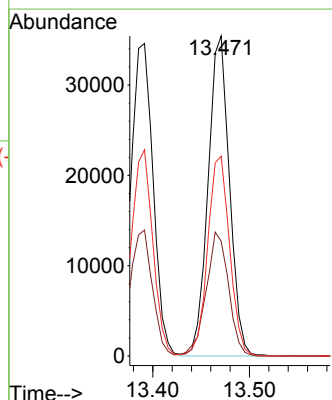
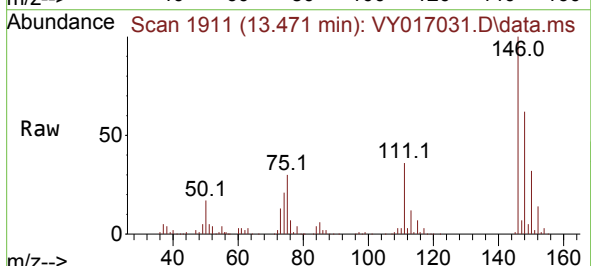
Tgt Ion:146 Resp: 54509

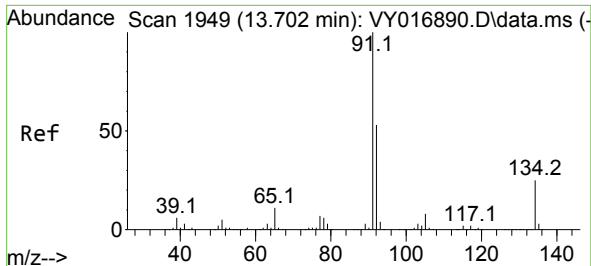
Ion Ratio Lower Upper

146 100

111 40.6 19.3 57.9

148 64.1 31.6 94.7

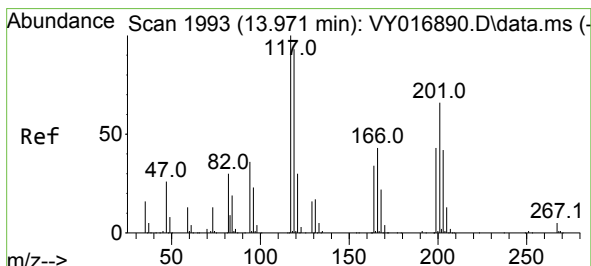
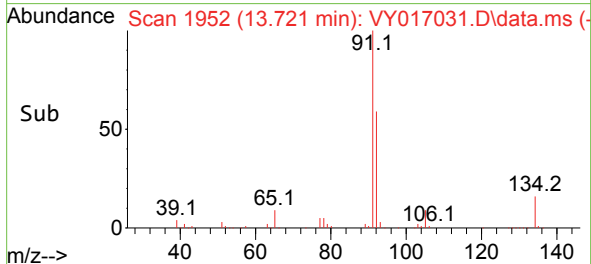
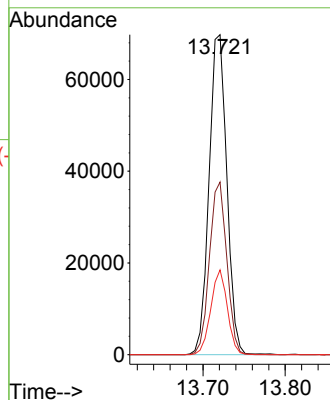
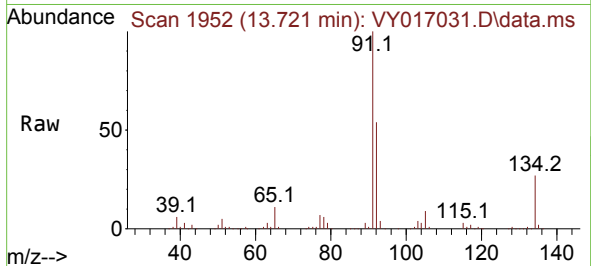




#89
n-Butylbenzene
Concen: 17.902 ug/l
RT: 13.721 min Scan# 1952
Delta R.T. 0.019 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

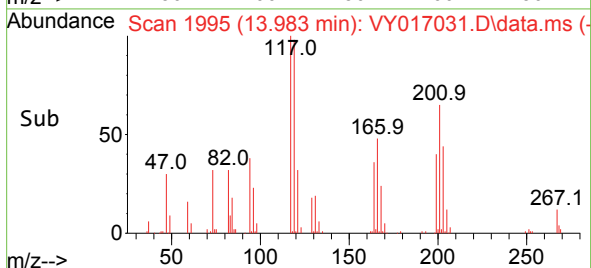
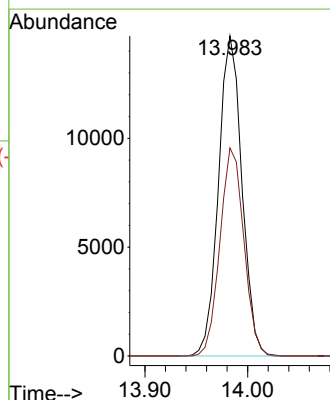
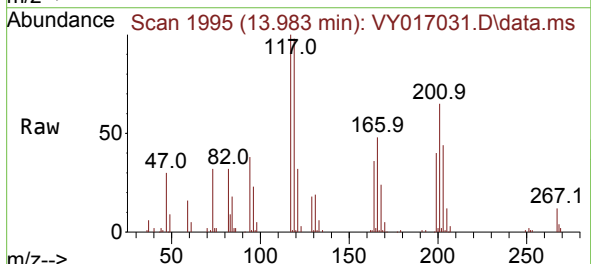
Instrument :
MSVOA_Y
ClientSampleId :

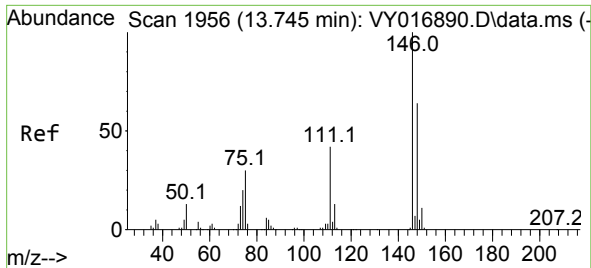
Tgt Ion: 91 Resp: 104649
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 17.782 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 117 Resp: 23231
Ion Ratio Lower Upper
117 100
201 66.5 33.4 100.1

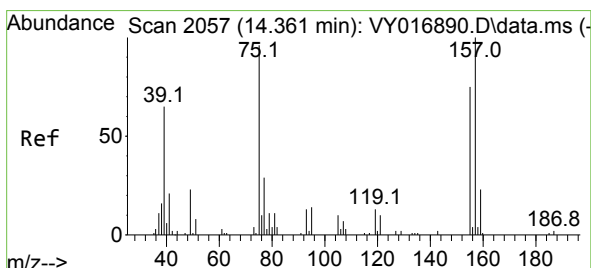
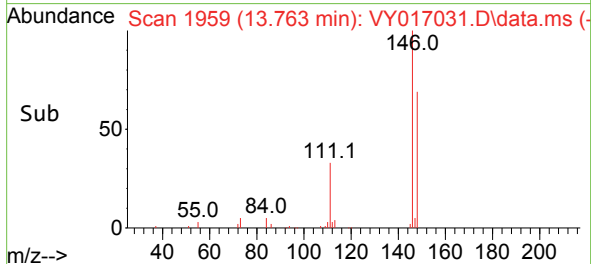
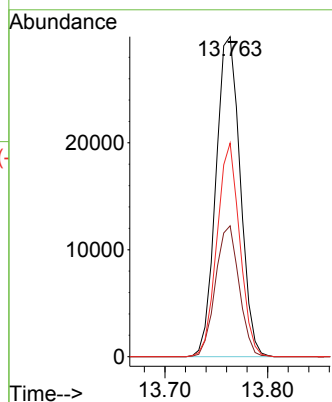
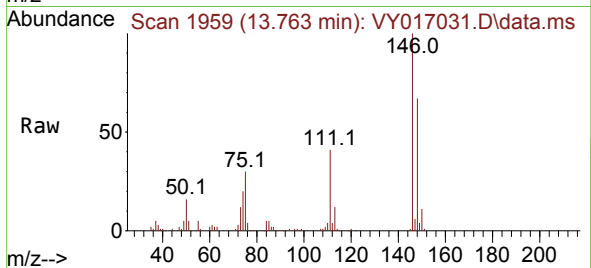




#91
1,2-Dichlorobenzene
Concen: 18.396 ug/l
RT: 13.763 min Scan# 1956
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

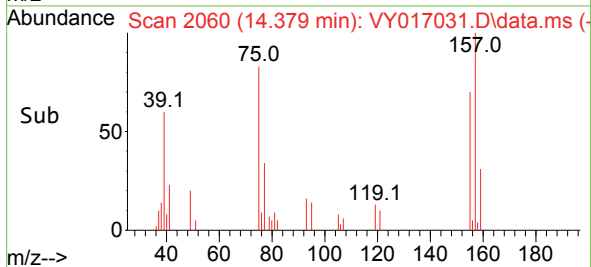
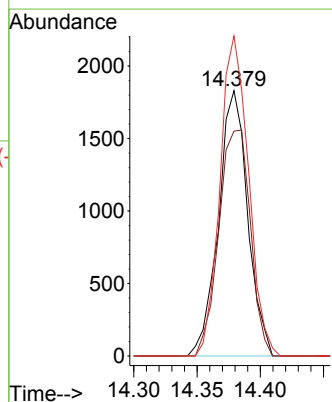
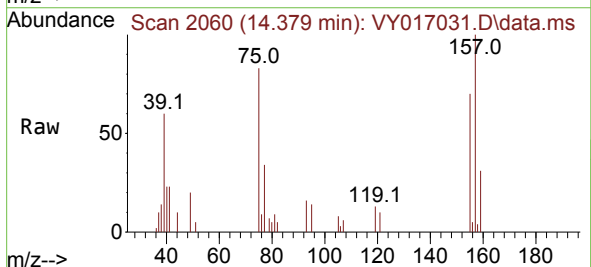
Instrument :
MSVOA_Y
ClientSampleId :

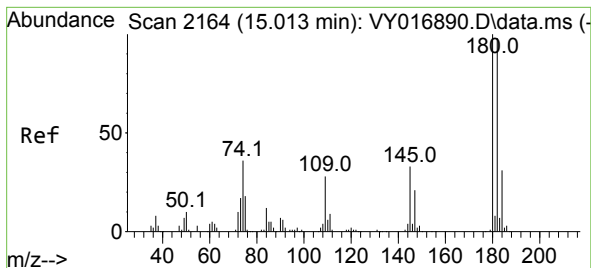
Tgt Ion:146 Resp: 48994
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 62.6 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.062 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY017031.D
Acq: 18 Jan 2024 11:25

Tgt Ion: 75 Resp: 2929
Ion Ratio Lower Upper
75 100
155 92.1 42.1 126.3
157 117.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.105 ug/l

RT: 15.031 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

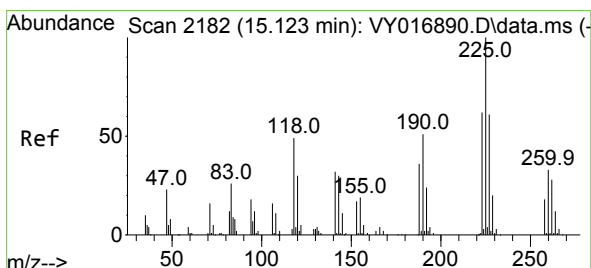
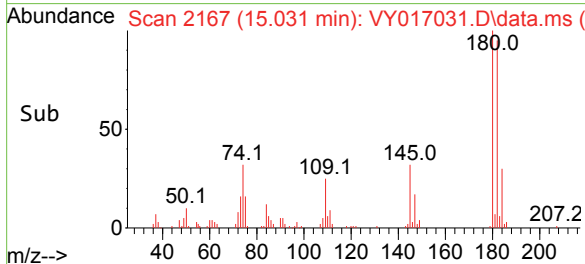
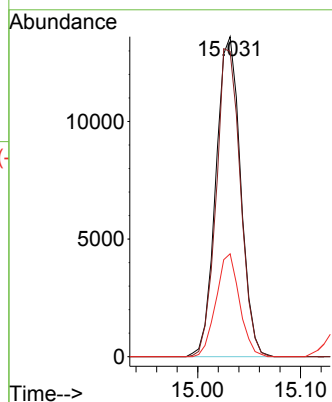
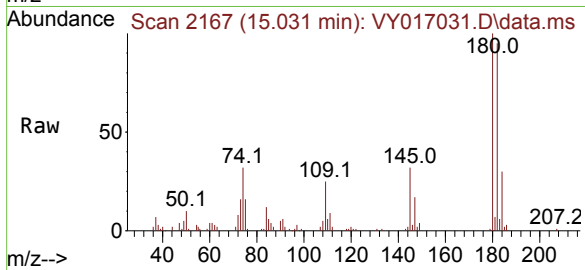
Tgt Ion:180 Resp: 22623

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 17.382 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

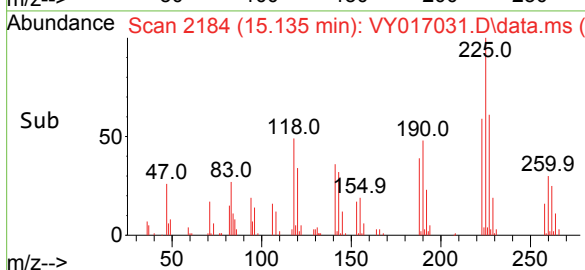
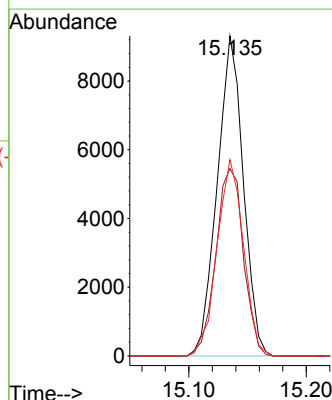
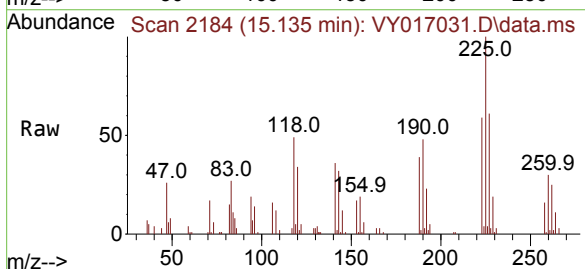
Tgt Ion:225 Resp: 14401

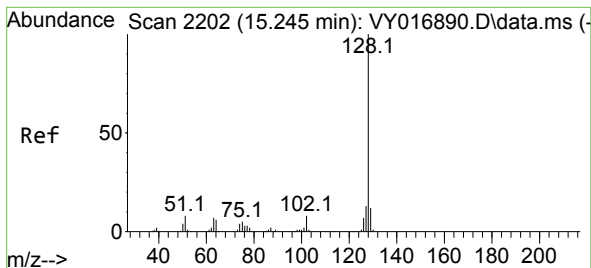
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.3

227 62.1 32.3 96.8





#95

Naphthalene

Concen: 17.486 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017031.D

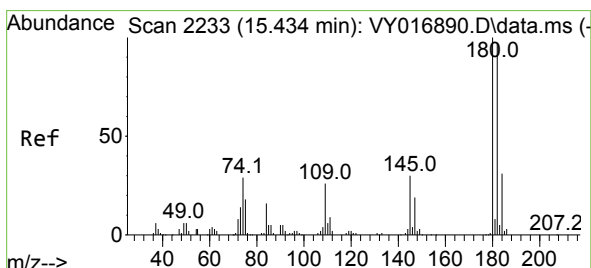
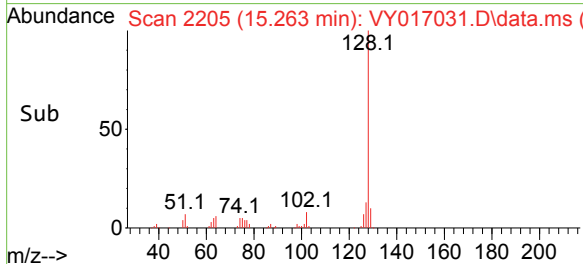
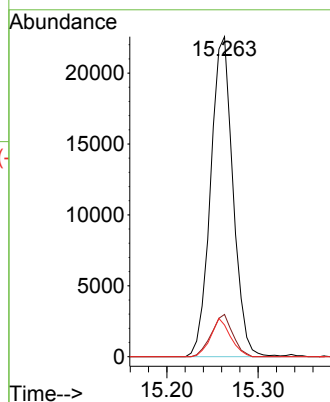
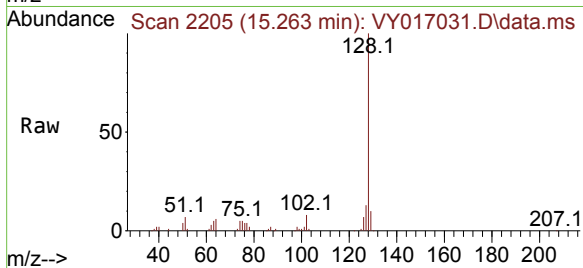
Acq: 18 Jan 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	38280
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 16.281 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017031.D

Acq: 18 Jan 2024 11:25

Tgt Ion:	180	Resp:	18283
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.3	138.8
145	31.4	16.1	48.2

