

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019074.D
 Acq On : 15 Aug 2024 19:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:58:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	132021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	206283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	182242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	62801	47.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.622	113	67223	49.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.103	98	234706	48.354	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.401	95	83933	50.725	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	101.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.860	85	50080	51.703	ug/l	97
3) Chloromethane	2.062	50	85220	48.811	ug/l	99
4) Vinyl Chloride	2.196	62	106529	49.397	ug/l	99
5) Bromomethane	2.586	94	70376	53.908	ug/l	100
6) Chloroethane	2.726	64	67869	49.449	ug/l	100
7) Trichlorofluoromethane	3.043	101	160358	49.182	ug/l	95
8) Diethyl Ether	3.439	74	33912	48.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.799	101	70196	48.428	ug/l	98
10) Methyl Iodide	3.988	142	79503	55.958	ug/l	95
11) Tert butyl alcohol	4.842	59	28343	251.604	ug/l #	83
12) 1,1-Dichloroethene	3.775	96	64181	48.736	ug/l	98
13) Acrolein	3.635	56	25019	251.865	ug/l	94
14) Allyl chloride	4.366	41	87780	50.135	ug/l	92
15) Acrylonitrile	5.043	53	75137	260.925	ug/l	98
16) Acetone	3.854	43	64332	262.120	ug/l	92
17) Carbon Disulfide	4.092	76	186167	50.120	ug/l	98
18) Methyl Acetate	4.372	43	37009	49.132	ug/l	98
19) Methyl tert-butyl Ether	5.098	73	164248	51.444	ug/l	98
20) Methylene Chloride	4.604	84	78540	51.921	ug/l	99
21) trans-1,2-Dichloroethene	5.098	96	74408	50.574	ug/l	96
22) Diisopropyl ether	6.000	45	201730	50.329	ug/l	91
23) Vinyl Acetate	5.945	43	822131	259.073	ug/l	97
24) 1,1-Dichloroethane	5.902	63	119286	48.664	ug/l	98
25) 2-Butanone	6.872	43	102402	259.077	ug/l	91
26) 2,2-Dichloropropane	6.866	77	97533	49.136	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	86468	49.940	ug/l	99
28) Bromochloromethane	7.225	49	48329	47.002	ug/l	98
29) Tetrahydrofuran	7.244	42	64126	252.383	ug/l	93
30) Chloroform	7.408	83	138414	50.676	ug/l	98
31) Cyclohexane	7.689	56	98302	52.108	ug/l	97
32) 1,1,1-Trichloroethane	7.603	97	121481	50.609	ug/l	98
36) 1,1-Dichloropropene	7.823	75	91479	49.391	ug/l	98
37) Ethyl Acetate	6.969	43	45044	54.892	ug/l	99
38) Carbon Tetrachloride	7.805	117	111389	51.895	ug/l	99
39) Methylcyclohexane	9.097	83	119969	50.474	ug/l	100
40) Benzene	8.067	78	288131	50.723	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	61813	145.681	ug/l	# 28
42) 1,2-Dichloroethane	8.146	62	79373	51.744	ug/l	96
43) Isopropyl Acetate	8.182	43	86710	52.249	ug/l	93
44) Trichloroethene	8.853	130	78592	49.585	ug/l	98
45) 1,2-Dichloropropane	9.127	63	63928	50.511	ug/l	96
46) Dibromomethane	9.219	93	43174	52.595	ug/l	97
47) Bromodichloromethane	9.414	83	102928	51.108	ug/l	94
48) Methyl methacrylate	9.207	41	39203	53.005	ug/l	# 89
49) 1,4-Dioxane	9.213	88	10236	1029.391	ug/l	# 95
51) 4-Methyl-2-Pentanone	9.993	43	238860	271.178	ug/l	95
52) Toluene	10.164	92	188041	50.430	ug/l	98
53) t-1,3-Dichloropropene	10.383	75	87574	52.420	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	107301	53.407	ug/l	# 89
55) 1,1,2-Trichloroethane	10.566	97	54118	51.212	ug/l	96
56) Ethyl methacrylate	10.432	69	74435	53.815	ug/l	# 86
57) 1,3-Dichloropropane	10.713	76	89546	51.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.700	63	166792	254.188	ug/l	95
59) 2-Hexanone	10.755	43	163845	270.754	ug/l	93
60) Dibromochloromethane	10.908	129	75051	52.144	ug/l	98
61) 1,2-Dibromoethane	11.011	107	53533	52.413	ug/l	100
64) Tetrachloroethene	10.639	164	77297	48.525	ug/l	98
65) Chlorobenzene	11.438	112	209797	49.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	74516	50.495	ug/l	98
67) Ethyl Benzene	11.517	91	367359	50.438	ug/l	95
68) m/p-Xylenes	11.627	106	293367	101.511	ug/l	99
69) o-Xylene	11.950	106	139883	52.268	ug/l	98
70) Styrene	11.968	104	238425	52.243	ug/l	98
71) Bromoform	12.127	173	44861	53.179	ug/l	# 97
73) Isopropylbenzene	12.255	105	360918	50.246	ug/l	99
74) N-amyl acetate	12.072	43	81937	52.312	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	64224	50.222	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	80080	89.962	ug/l	# 100
77) Bromobenzene	12.529	156	85489	49.557	ug/l	98
78) n-propylbenzene	12.596	91	430996	50.193	ug/l	98
79) 2-Chlorotoluene	12.676	91	240856	50.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	295936	50.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	19163	51.206	ug/l	89
82) 4-Chlorotoluene	12.779	91	250346	49.983	ug/l	98
83) tert-Butylbenzene	12.993	119	270233	50.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	294570	50.508	ug/l	99
85) sec-Butylbenzene	13.175	105	394484	50.094	ug/l	98
86) p-Isopropyltoluene	13.291	119	329259	50.903	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	169666	49.872	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	167665	49.579	ug/l	99
89) n-Butylbenzene	13.614	91	304427	51.621	ug/l	98
90) Hexachloroethane	13.877	117	65210	51.147	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	150504	50.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9622	51.147	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	87347	51.765	ug/l	98
94) Hexachlorobutadiene	15.023	225	46512	52.921	ug/l	96
95) Naphthalene	15.145	128	168350	55.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	76286	53.603	ug/l	98

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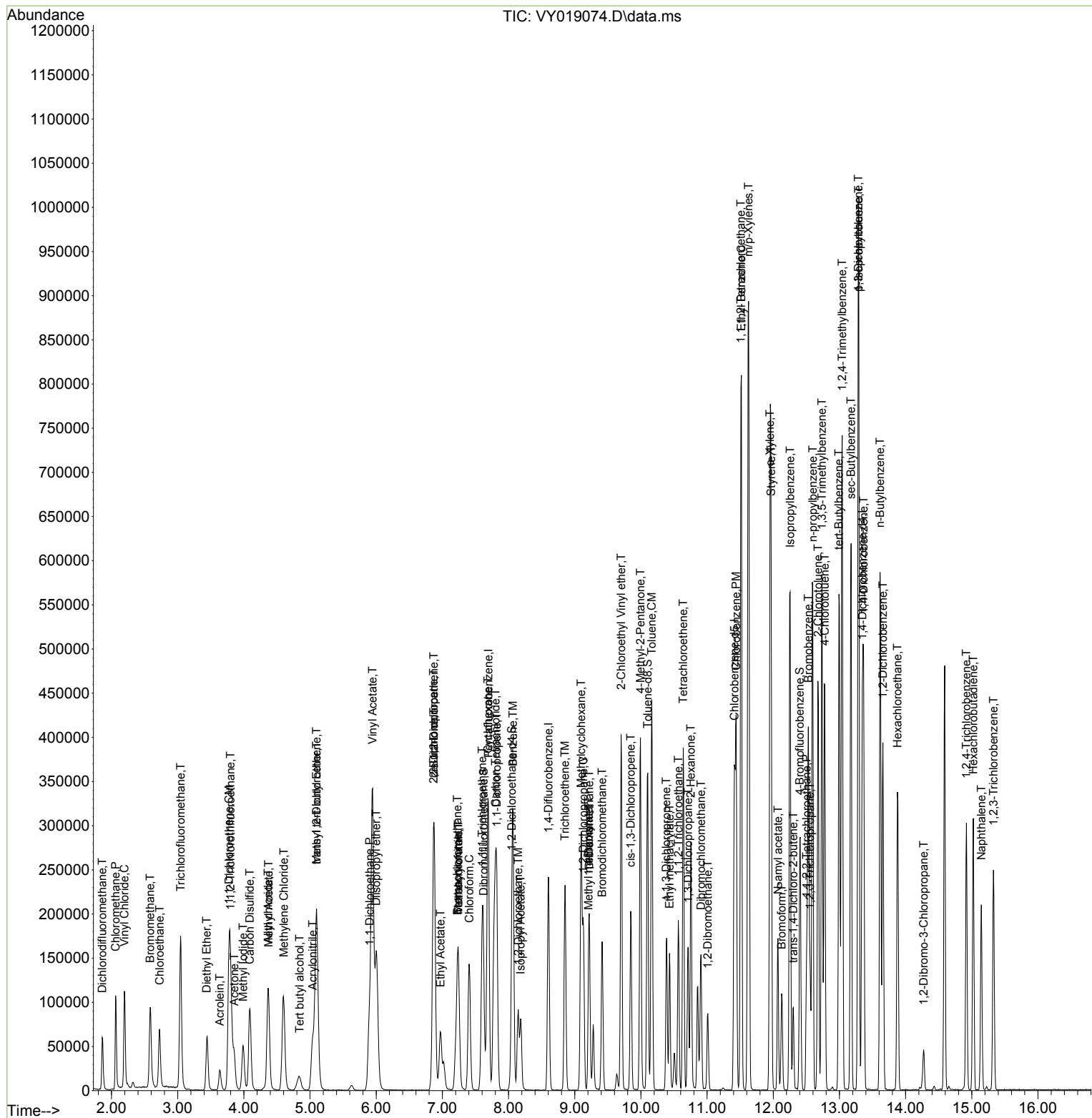
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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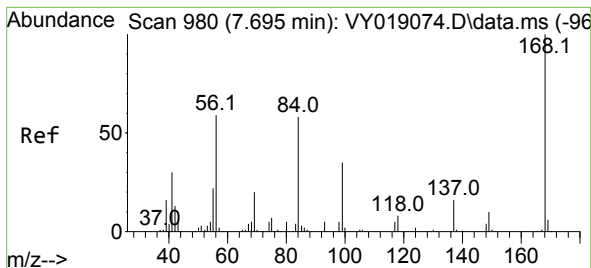
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.695 min Scan# 99

Delta R.T. -0.000 min

Lab File: VY019074.D

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Instrument :

MSVOA_Y

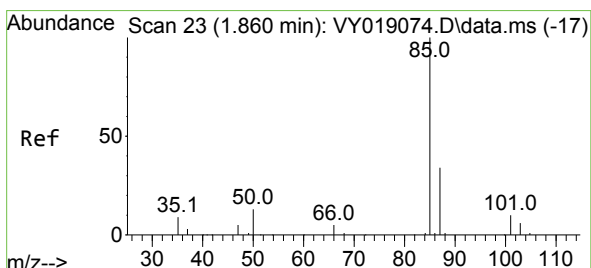
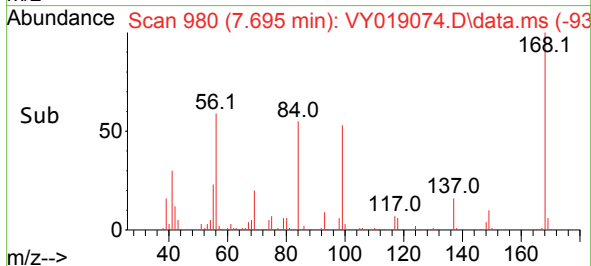
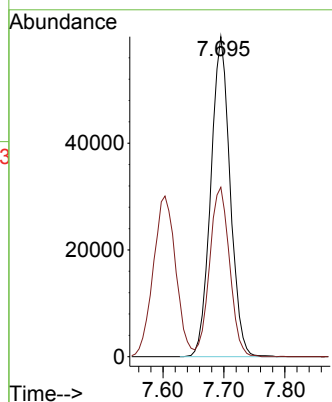
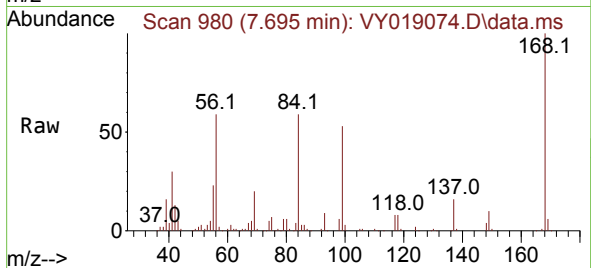
ClientSampleId :

Tgt Ion:168 Resp: 132021

Ion Ratio Lower Upper

168 100

99 52.8 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 51.703 ug/l

RT: 1.860 min Scan# 23

Delta R.T. 0.000 min

Lab File: VY019074.D

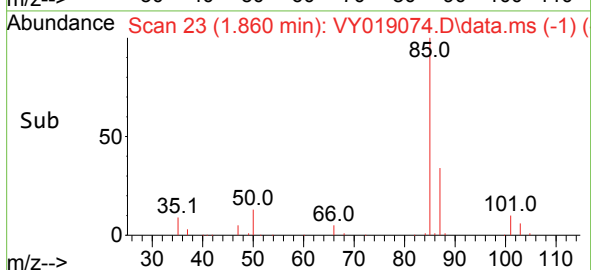
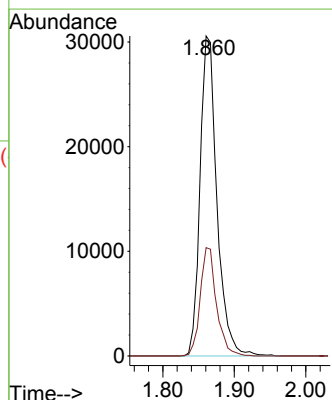
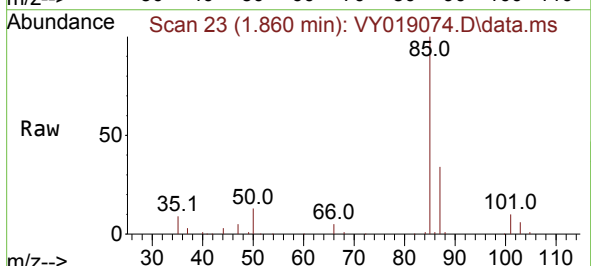
Acq: 15 Aug 2024 19:01

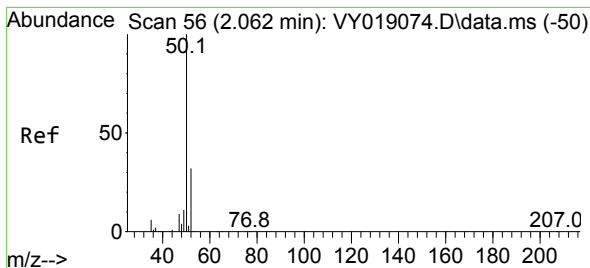
Tgt Ion: 85 Resp: 50080

Ion Ratio Lower Upper

85 100

87 33.9 16.0 48.0





#3

Chloromethane

Concen: 48.811 ug/l

RT: 2.062 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

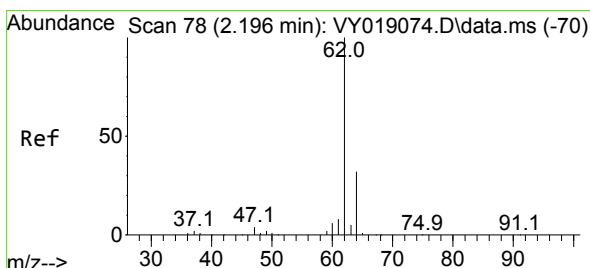
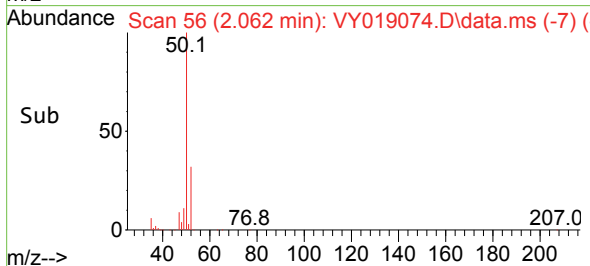
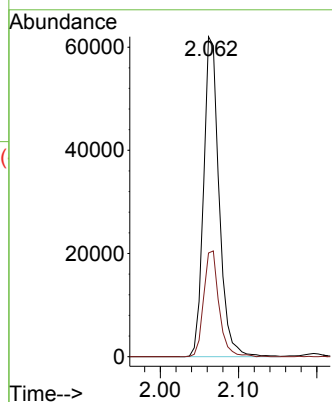
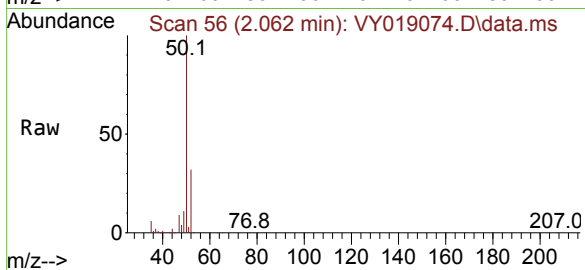
ClientSampleId :

Tgt Ion: 50 Resp: 85220

Ion Ratio Lower Upper

50 100

52 32.4 25.6 38.4



#4

Vinyl Chloride

Concen: 49.397 ug/l

RT: 2.196 min Scan# 78

Delta R.T. 0.000 min

Lab File: VY019074.D

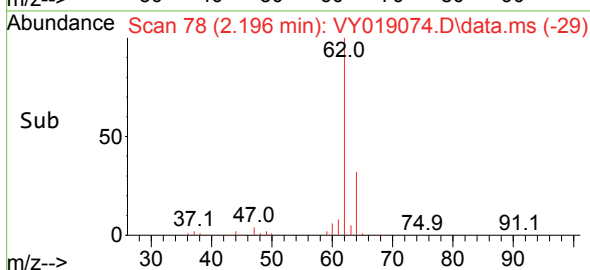
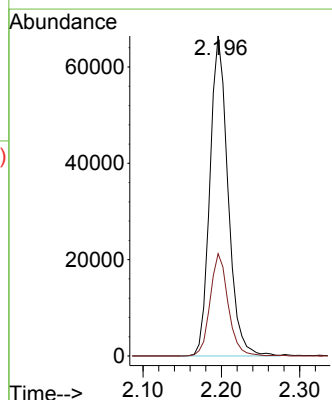
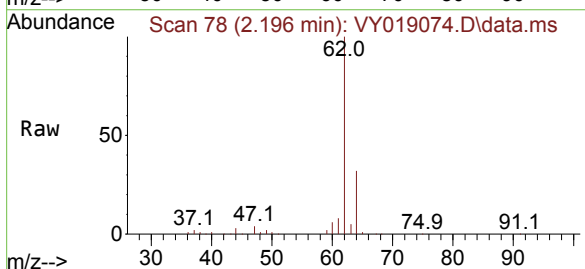
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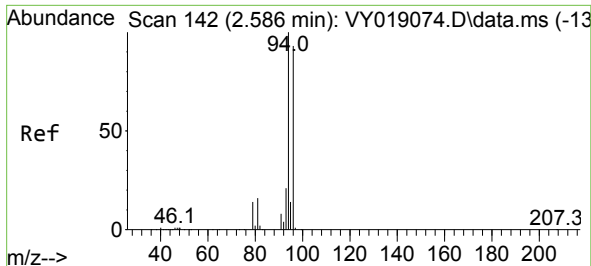
Tgt Ion: 62 Resp: 106529

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1

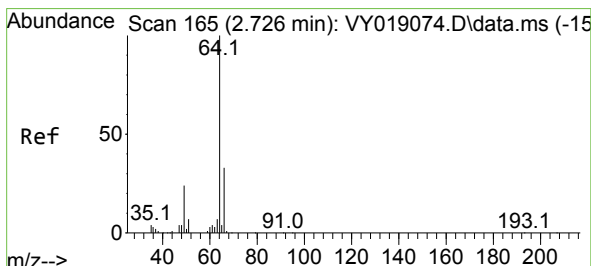
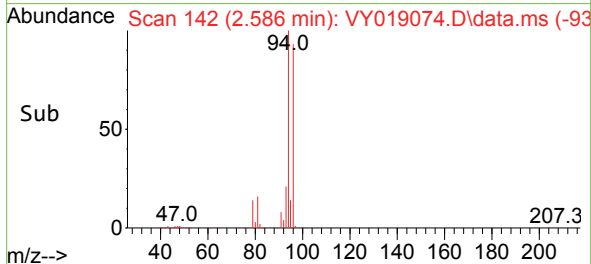
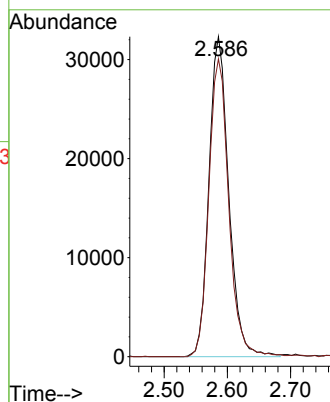
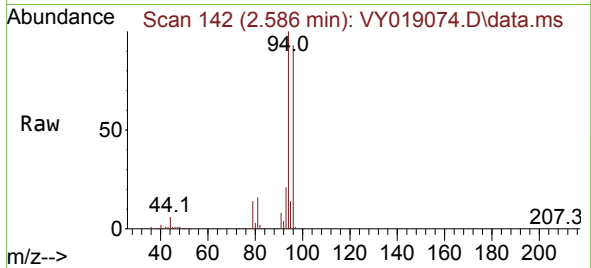




#5
Bromomethane
Concen: 53.908 ug/l
RT: 2.586 min Scan# 142
Delta R.T. -0.000 min
Lab File: VY019074.D
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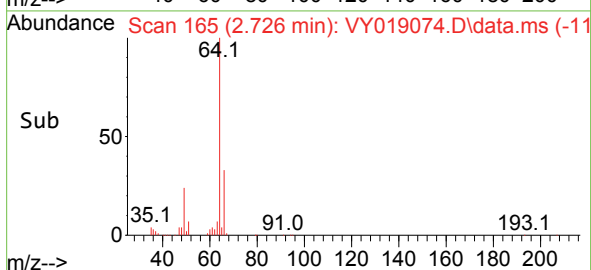
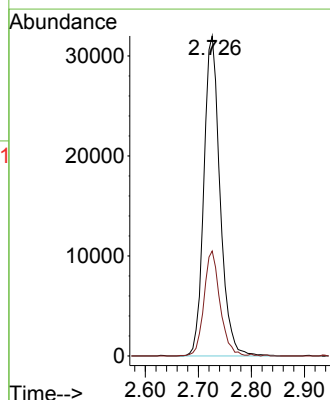
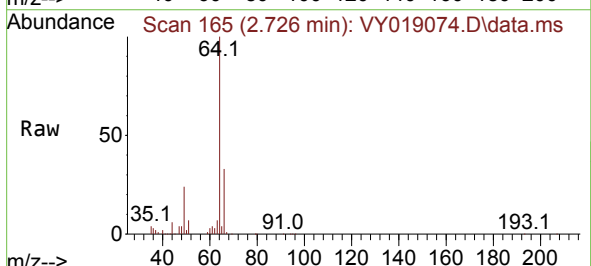
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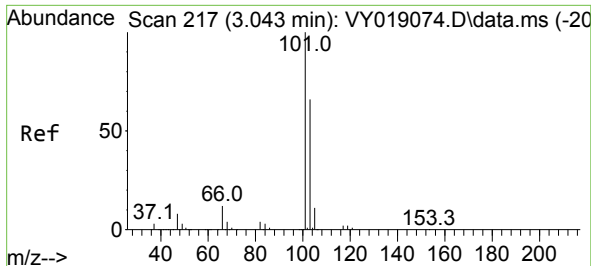
Tgt Ion: 94 Resp: 70376
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 49.449 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 64 Resp: 67869
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1

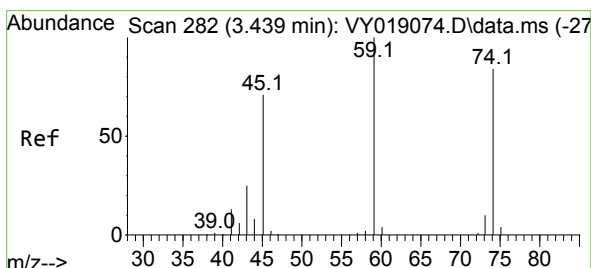
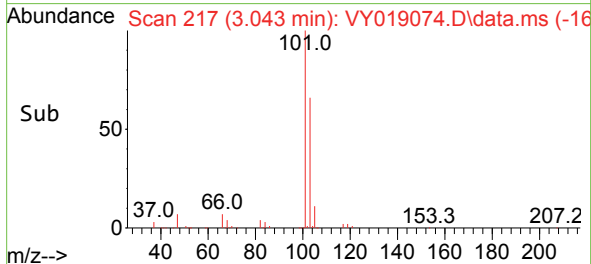
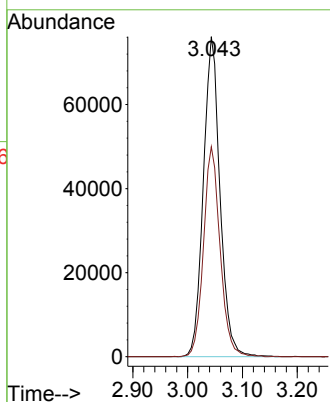
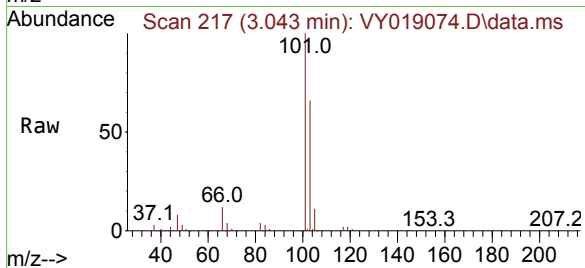




#7
 Trichlorofluoromethane
 Concen: 49.182 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

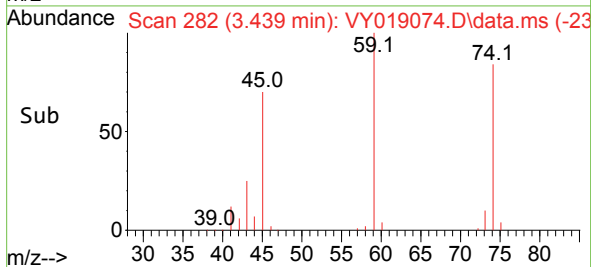
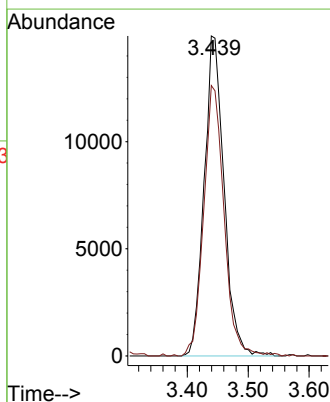
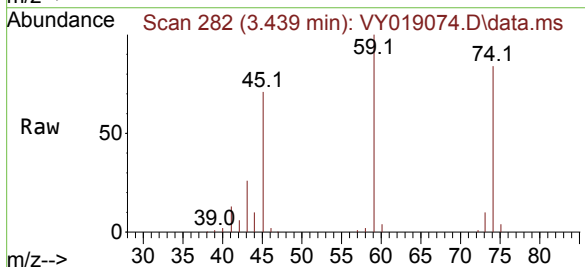
Instrument :
 MSVOA_Y
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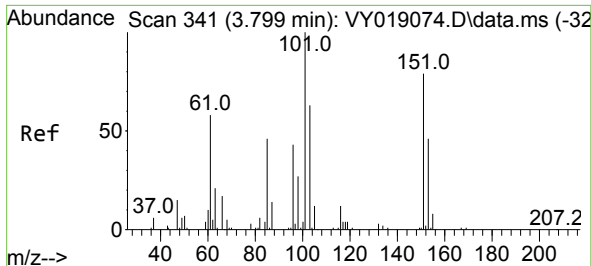
Tgt Ion:101 Resp: 160358
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.186 ug/l
 RT: 3.439 min Scan# 282
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 33912
 Ion Ratio Lower Upper
 74 100
 45 86.1 41.3 124.1

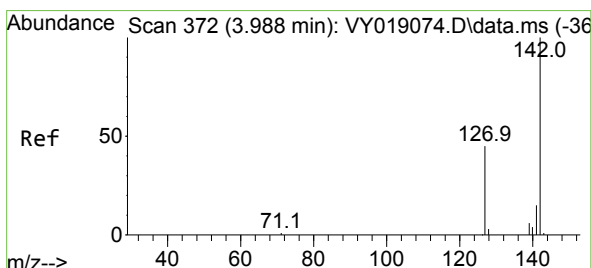
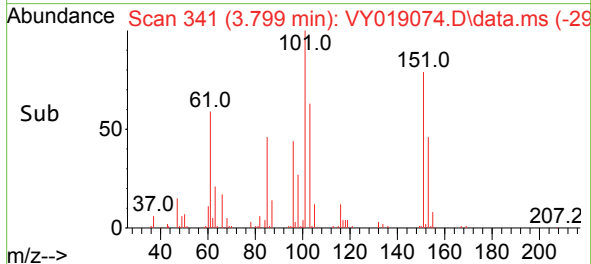
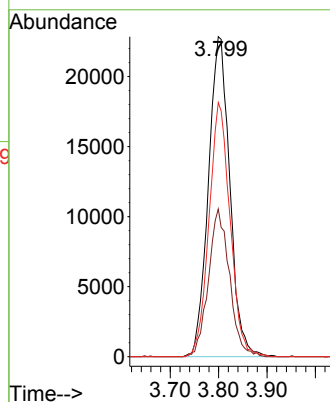
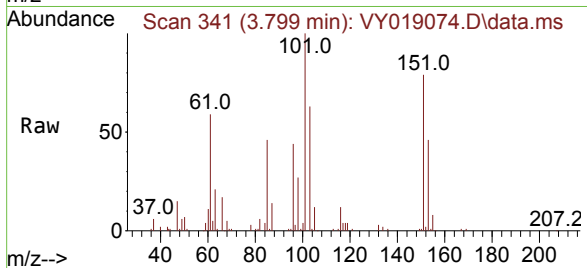




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.428 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

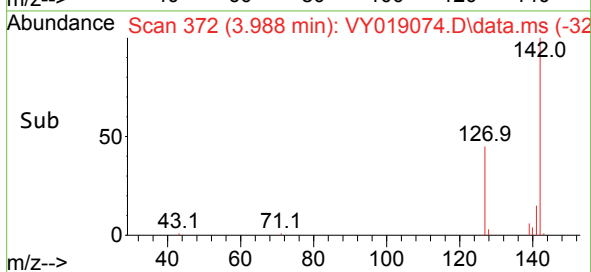
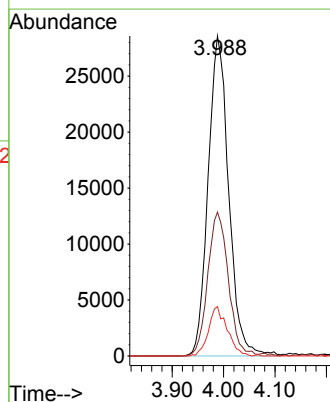
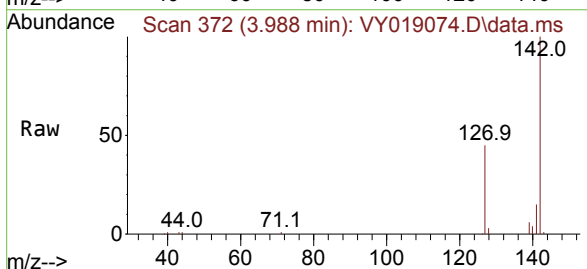
Instrument :
MSVOA_Y
ClientSampleId :

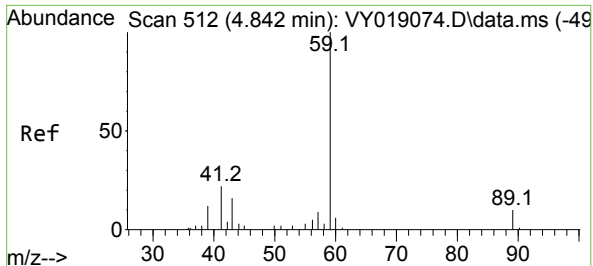
Tgt Ion:101 Resp: 70196
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 78.1 61.7 92.5



#10
Methyl Iodide
Concen: 55.958 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:142 Resp: 79503
Ion Ratio Lower Upper
142 100
127 44.9 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 251.604 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

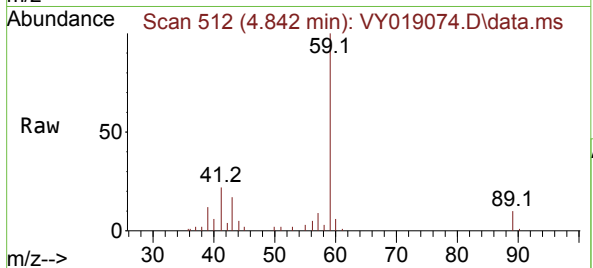
Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

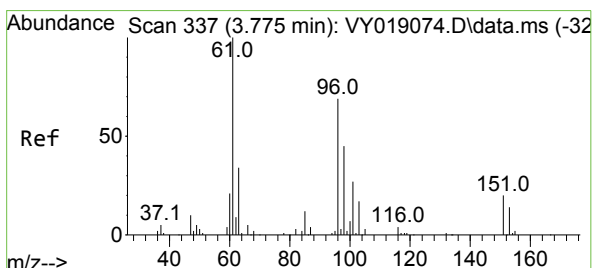
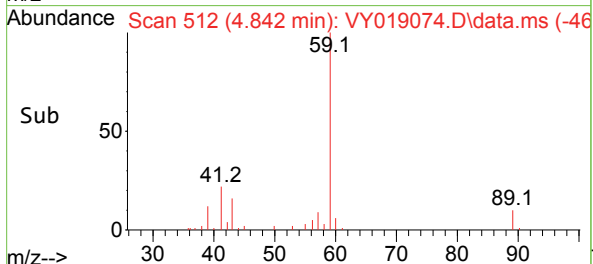
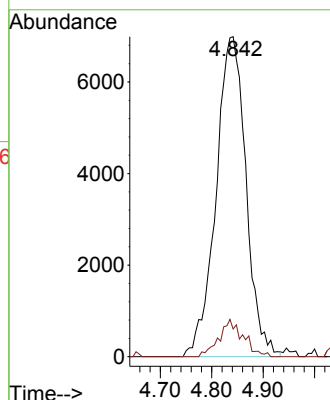


Tgt Ion: 59 Resp: 28343

Ion Ratio Lower Upper

59 100

57 9.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 48.736 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

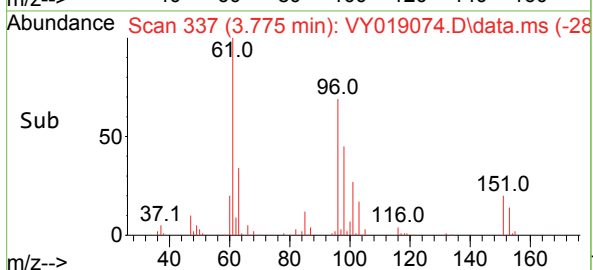
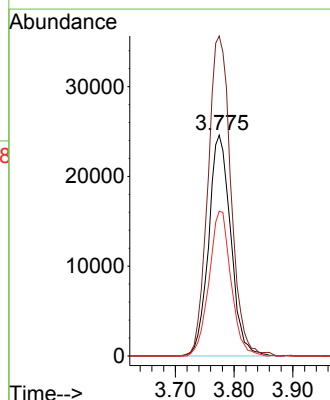
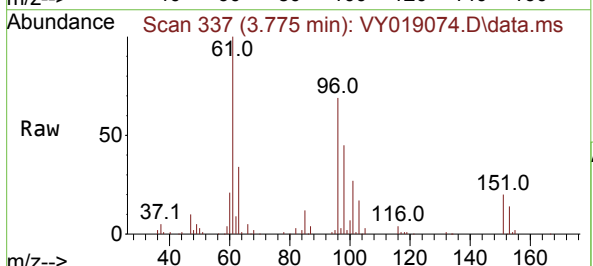
Tgt Ion: 96 Resp: 64181

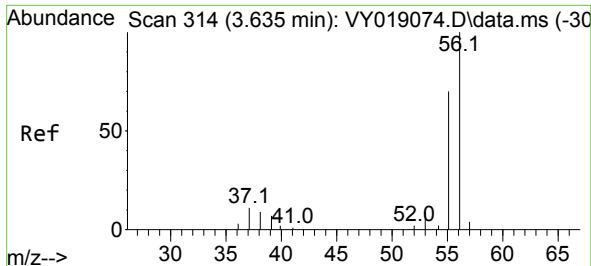
Ion Ratio Lower Upper

96 100

61 144.9 114.6 171.8

98 65.6 50.8 76.2





#13

Acrolein

Concen: 251.865 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

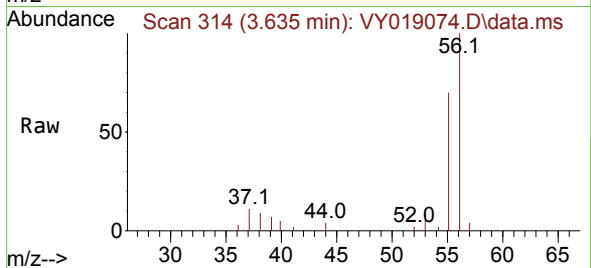
Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

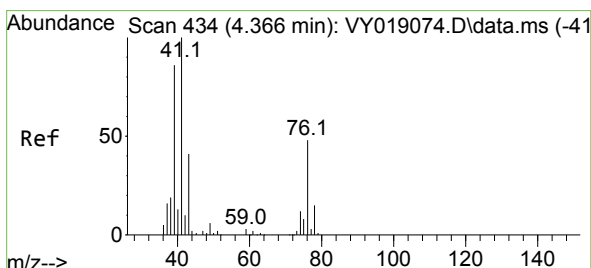
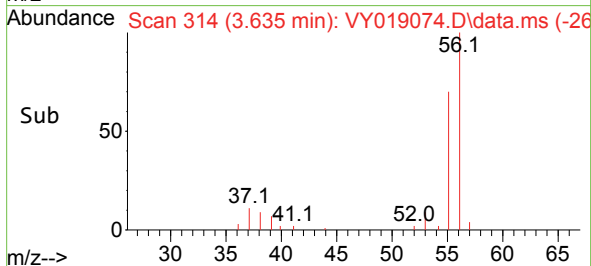
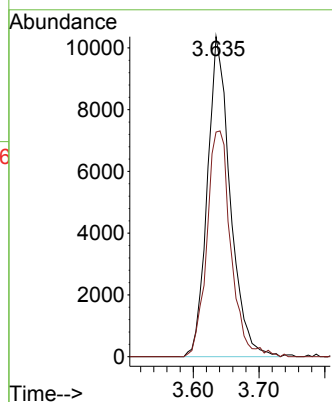


Tgt Ion: 56 Resp: 25019

Ion Ratio Lower Upper

56 100

55 74.1 55.7 83.5



#14

Allyl chloride

Concen: 50.135 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

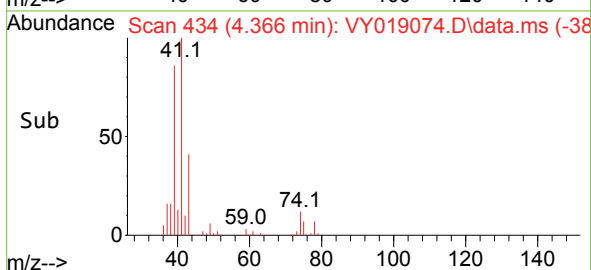
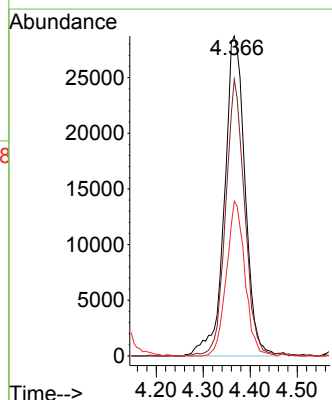
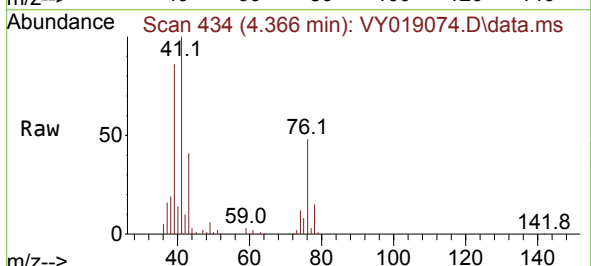
Tgt Ion: 41 Resp: 87780

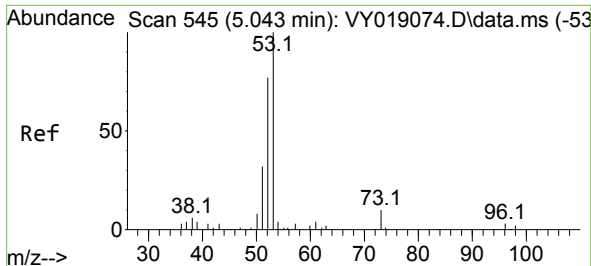
Ion Ratio Lower Upper

41 100

39 79.9 58.3 87.5

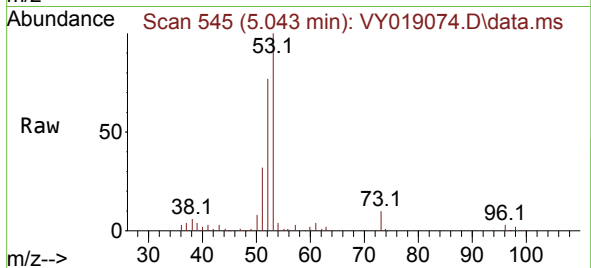
76 43.4 39.0 58.6



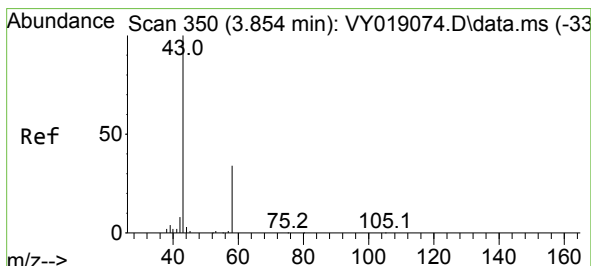
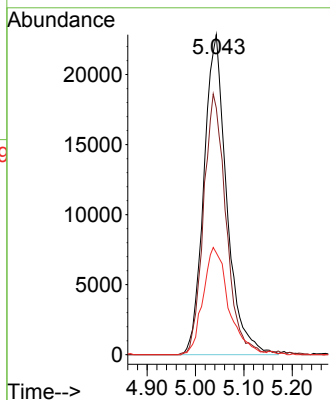
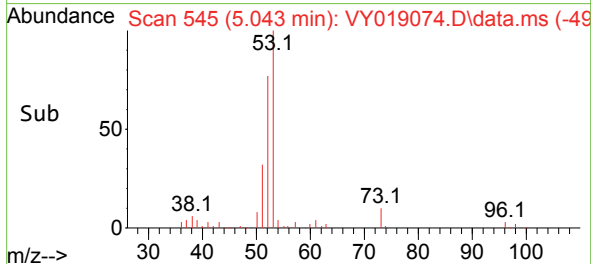


#15
Acrylonitrile
Concen: 260.925 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

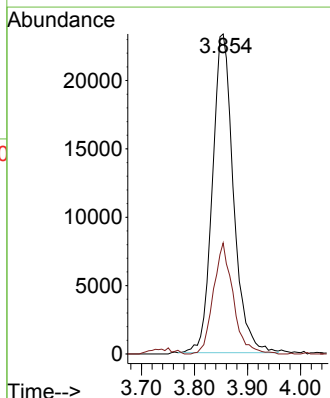
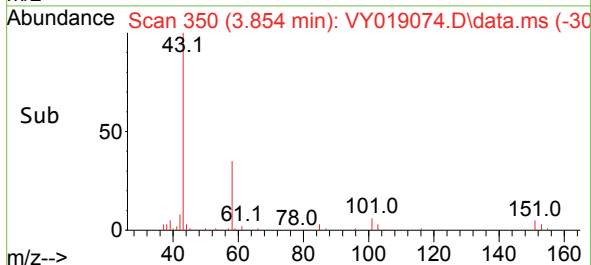
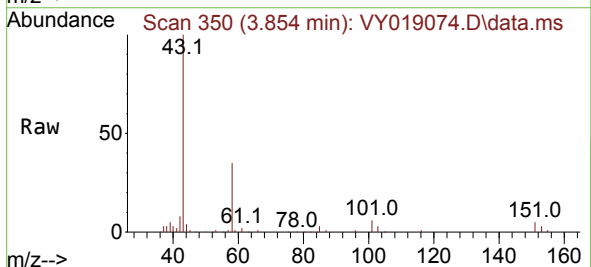


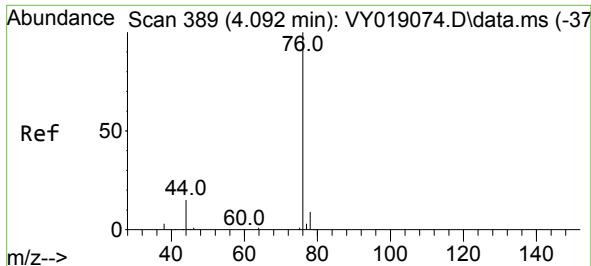
Tgt Ion: 53	Resp: 75137
Ion Ratio	Lower Upper
53	100
52	80.0 64.7 97.1
51	37.4 28.4 42.6



#16
Acetone
Concen: 262.120 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 43	Resp: 64332
Ion Ratio	Lower Upper
43	100
58	34.8 31.7 47.5

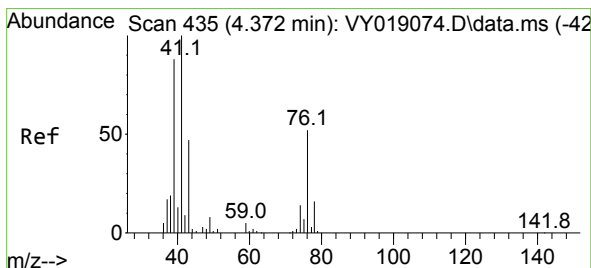
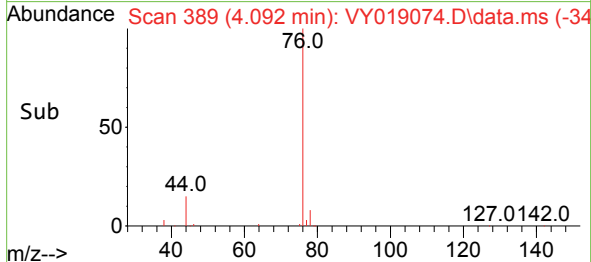
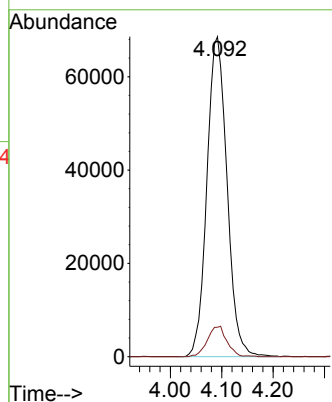
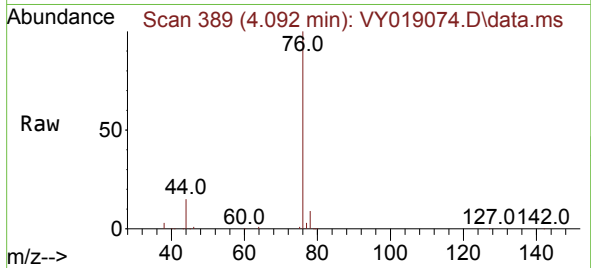




#17
Carbon Disulfide
Concen: 50.120 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

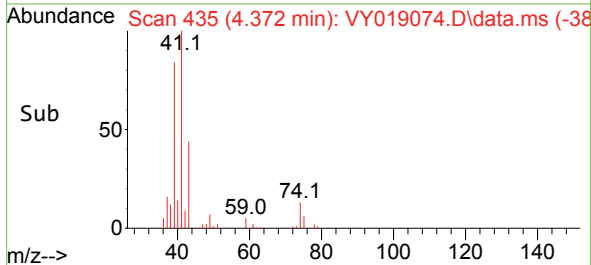
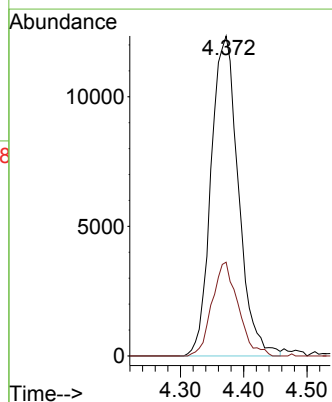
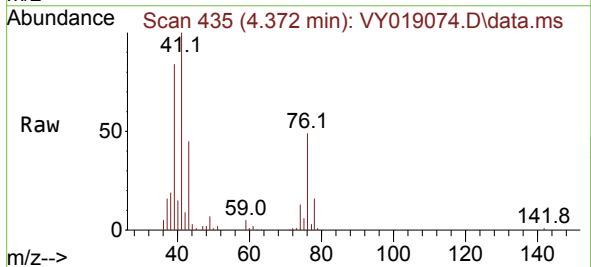
Instrument :
MSVOA_Y
ClientSampleId :

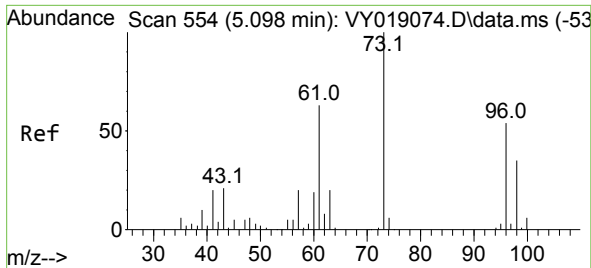
Tgt Ion: 76 Resp: 186167
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 49.132 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 43 Resp: 37009
Ion Ratio Lower Upper
43 100
74 28.2 23.3 34.9

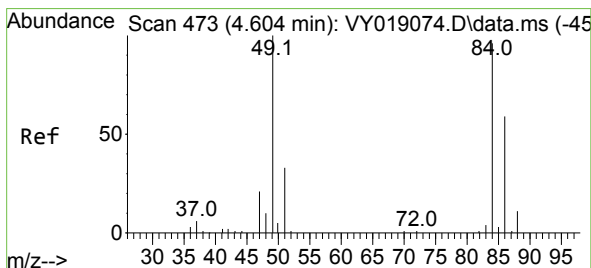
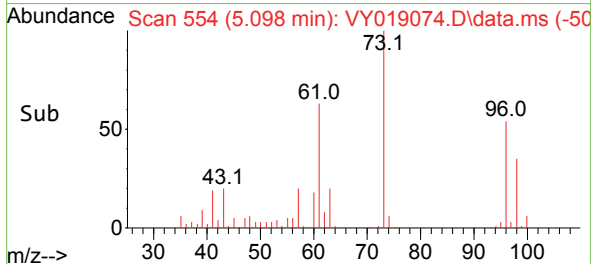
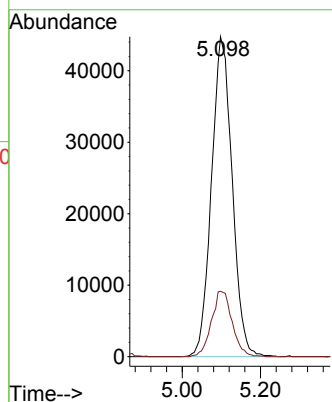
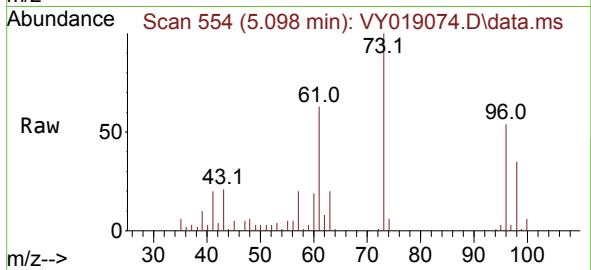




#19
Methyl tert-butyl Ether
Concen: 51.444 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

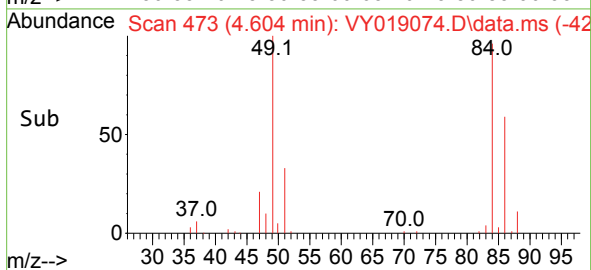
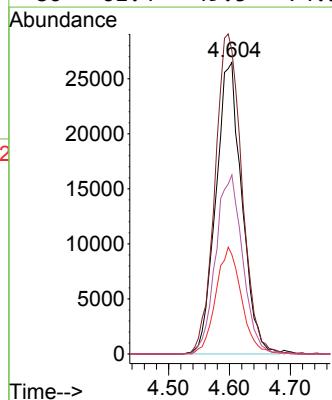
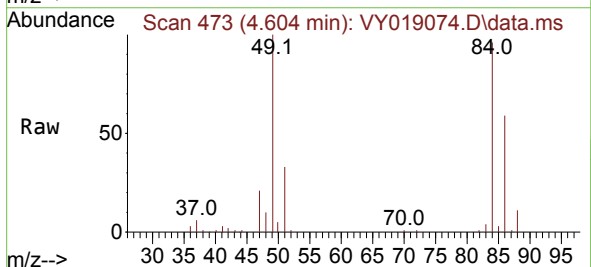
Instrument :
MSVOA_Y
ClientSampleId :

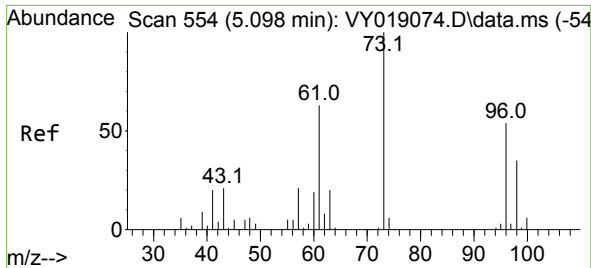
Tgt Ion: 73 Resp: 164248
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 51.921 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

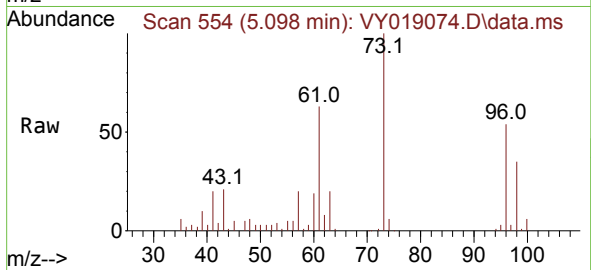
Tgt Ion: 84 Resp: 78540
Ion Ratio Lower Upper
84 100
49 104.1 84.4 126.6
51 34.0 26.0 39.0
86 61.4 49.5 74.3



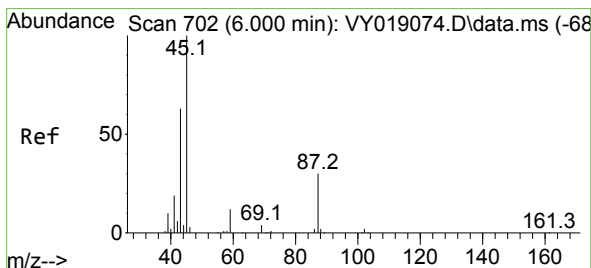
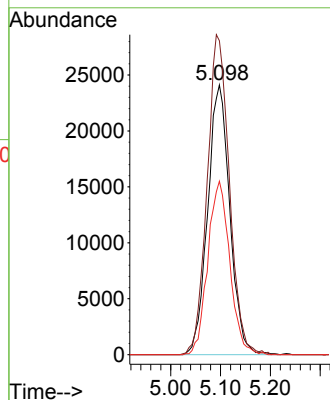
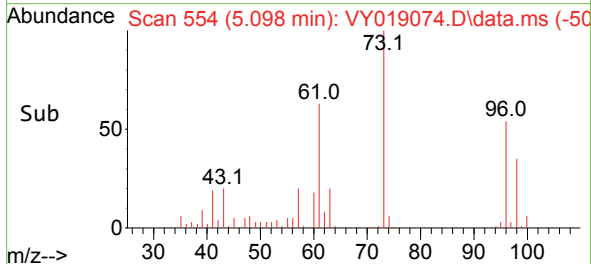


#21
trans-1,2-Dichloroethene
Concen: 50.574 ug/l
RT: 5.098 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

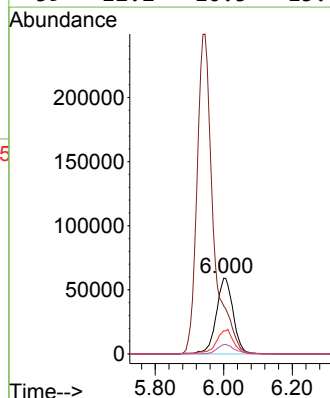
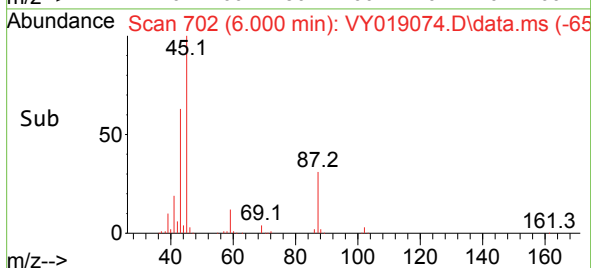
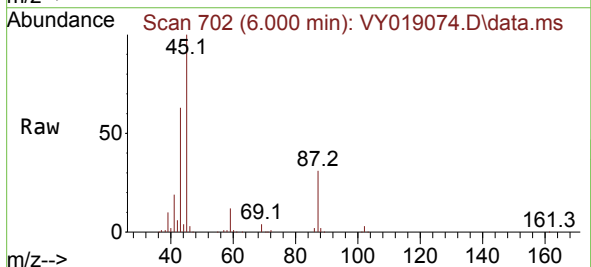


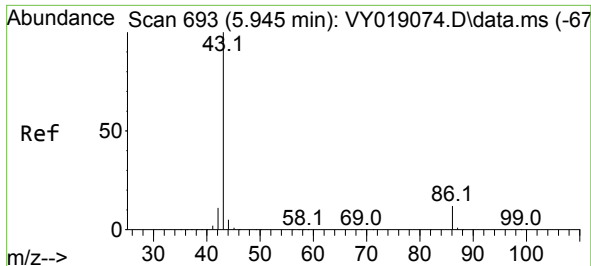
Tgt Ion: 96 Resp: 74408
Ion Ratio Lower Upper
96 100
61 116.4 97.5 146.3
98 64.3 50.5 75.7



#22
Diisopropyl ether
Concen: 50.329 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 45 Resp: 201730
Ion Ratio Lower Upper
45 100
43 63.2 42.2 63.2
87 30.5 25.0 37.6
59 12.2 10.5 15.7

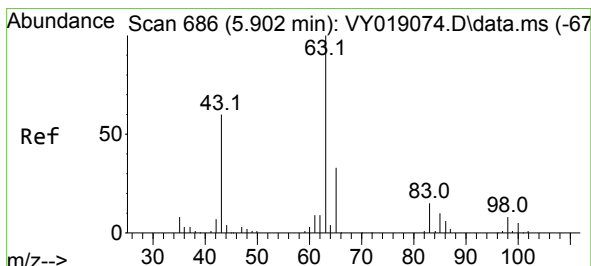
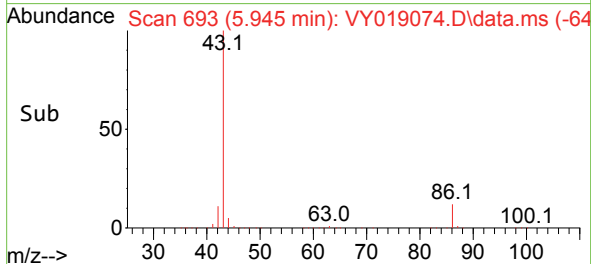
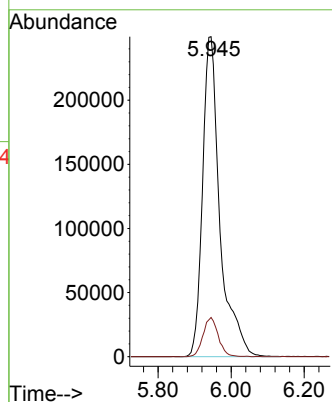
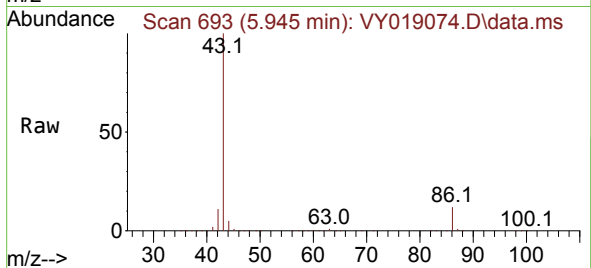




#23
 Vinyl Acetate
 Concen: 259.073 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

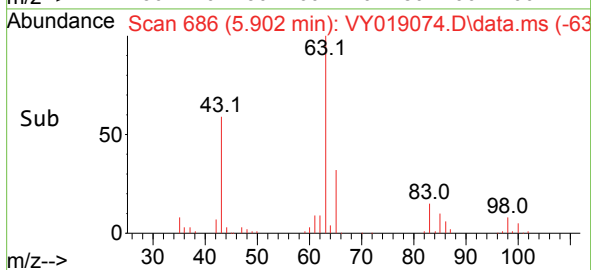
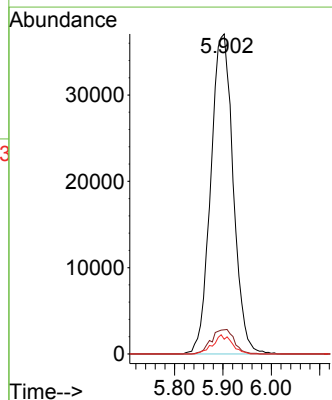
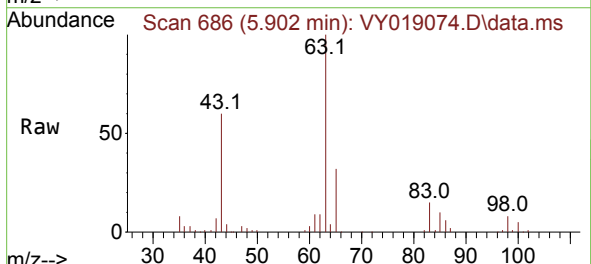
Instrument :
 MSVOA_Y
 ClientSampleId :

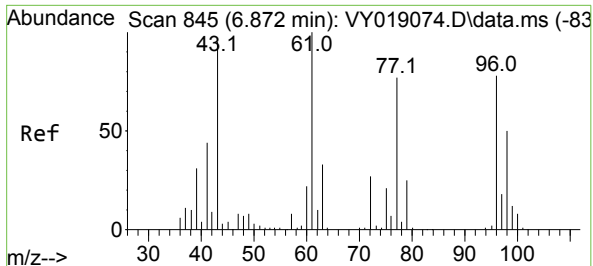
Tgt Ion: 43 Resp: 822131
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.664 ug/l
 RT: 5.902 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

Tgt Ion: 63 Resp: 119286
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 259.077 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

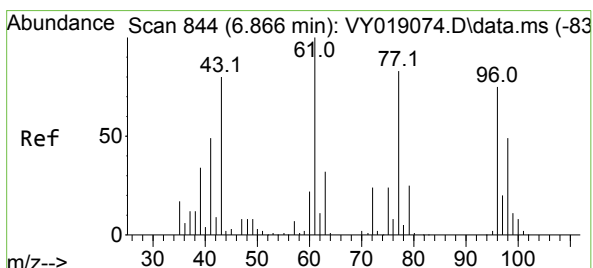
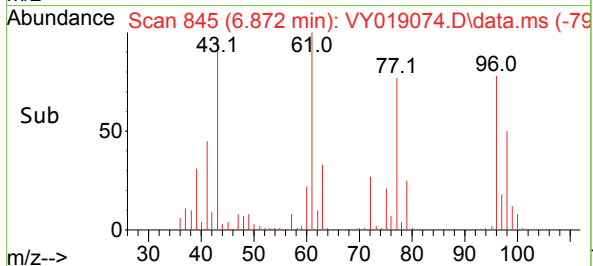
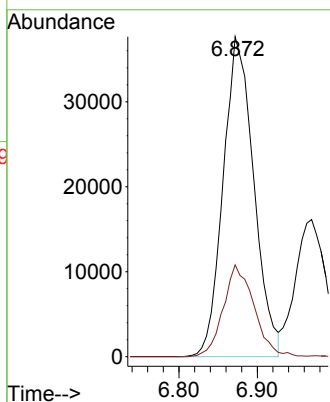
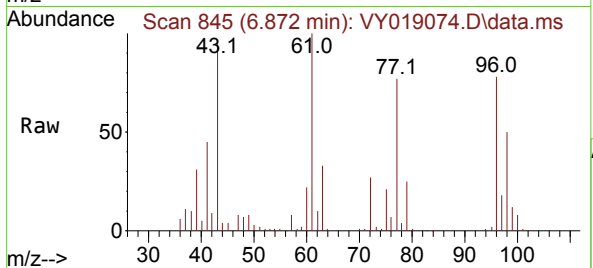
ClientSampleId :

Tgt Ion: 43 Resp: 102402

Ion Ratio Lower Upper

43 100

72 28.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.136 ug/l

RT: 6.866 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY019074.D

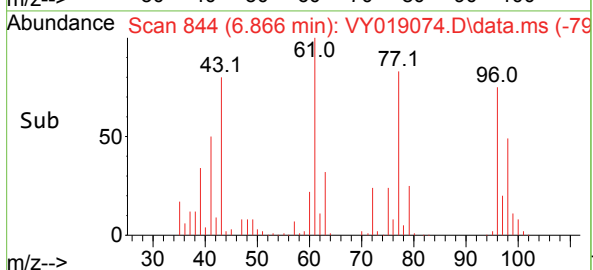
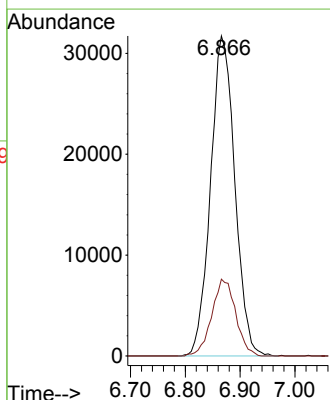
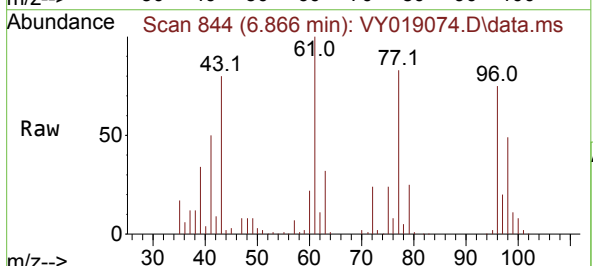
Acq: 15 Aug 2024 19:01

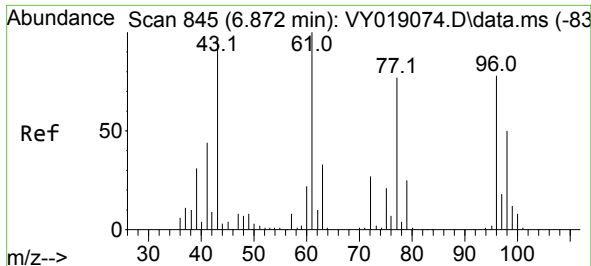
Tgt Ion: 77 Resp: 97533

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1

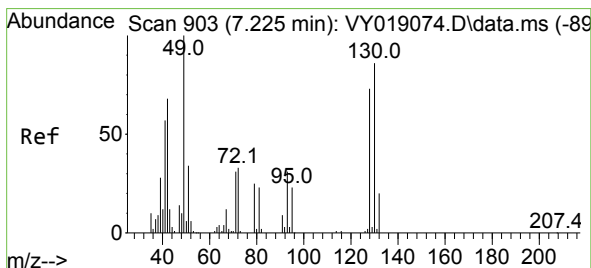
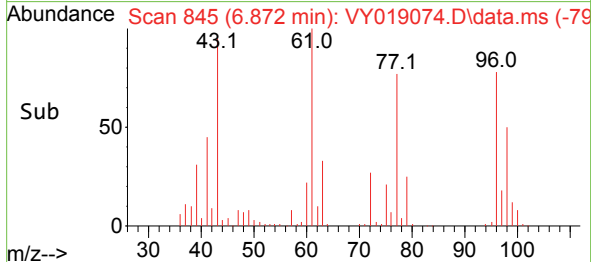
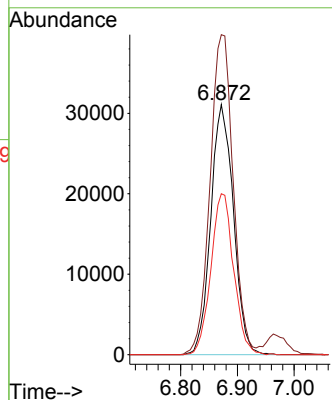
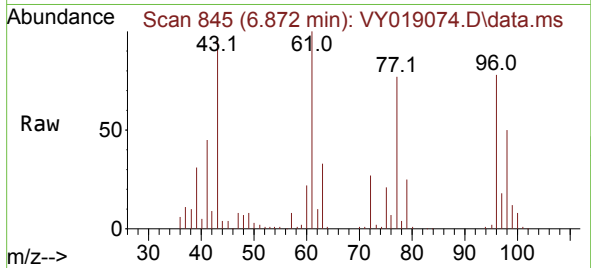




#27
 cis-1,2-Dichloroethene
 Concen: 49.940 ug/l
 RT: 6.872 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

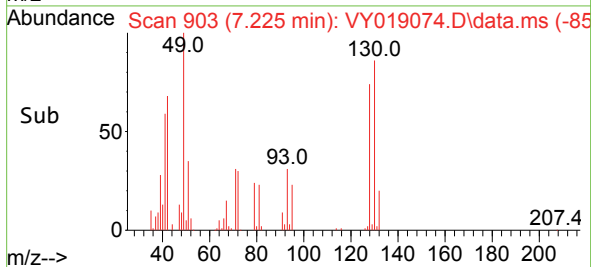
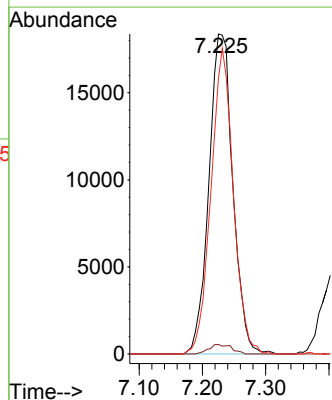
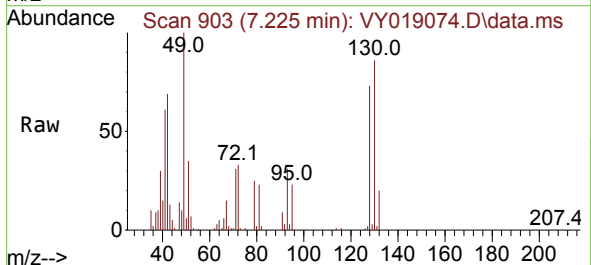
Instrument :
 MSVOA_Y
 ClientSampleId :

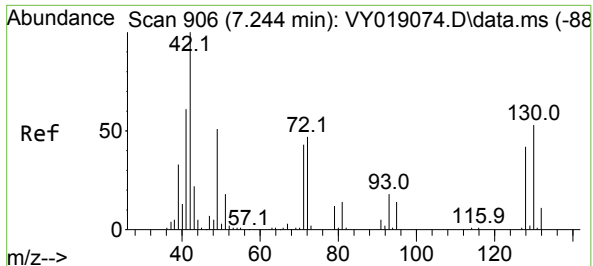
Tgt Ion: 96 Resp: 86468
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 256.2
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 47.002 ug/l
 RT: 7.225 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

Tgt Ion: 49 Resp: 48329
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 89.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 252.383 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

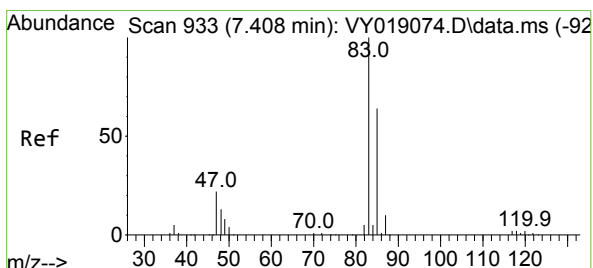
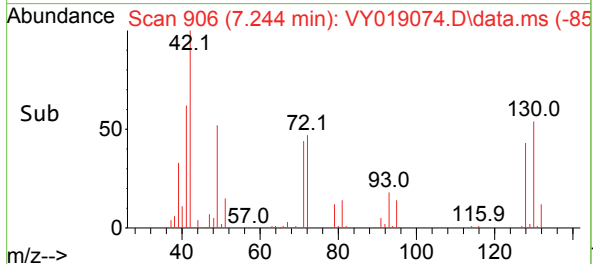
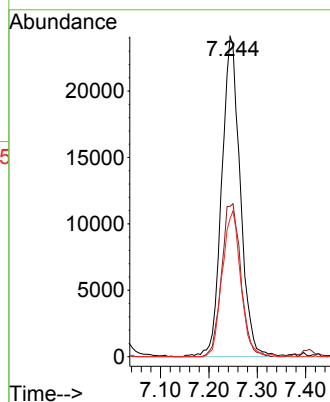
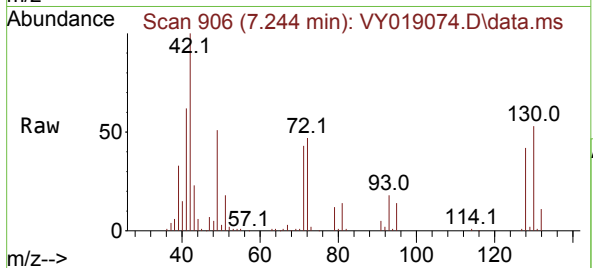
Tgt Ion: 42 Resp: 64126

Ion Ratio Lower Upper

42 100

72 49.8 43.0 64.4

71 45.4 40.8 61.2



#30

Chloroform

Concen: 50.676 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019074.D

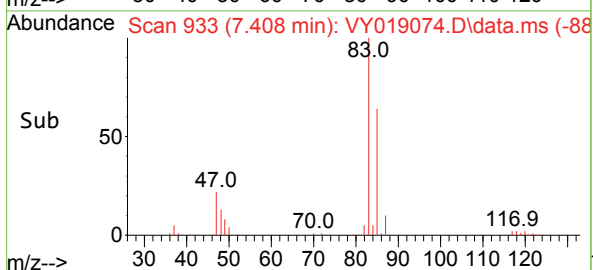
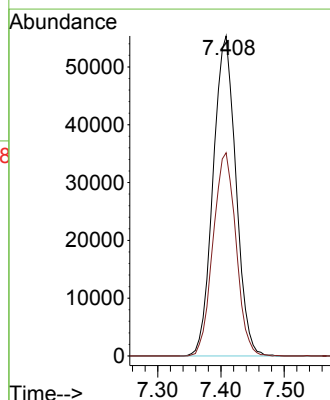
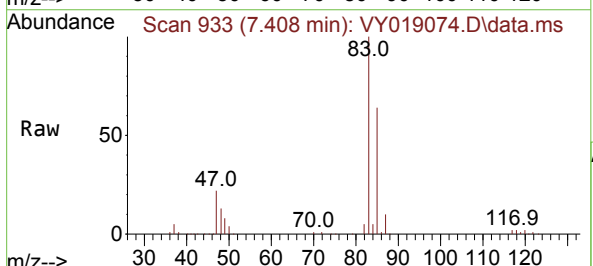
Acq: 15 Aug 2024 19:01

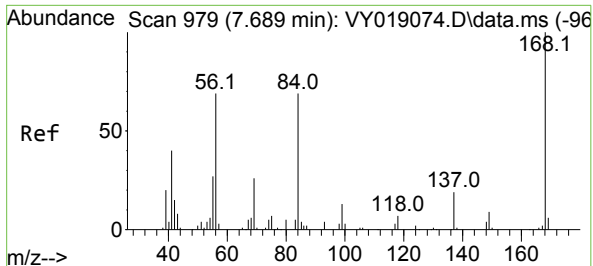
Tgt Ion: 83 Resp: 138414

Ion Ratio Lower Upper

83 100

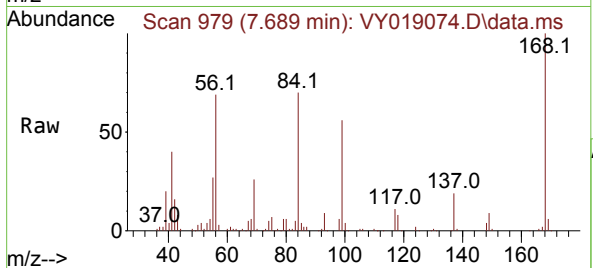
85 63.5 52.2 78.4



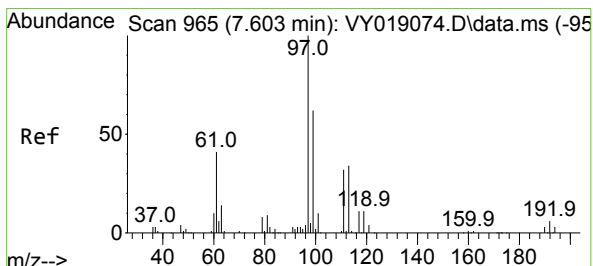
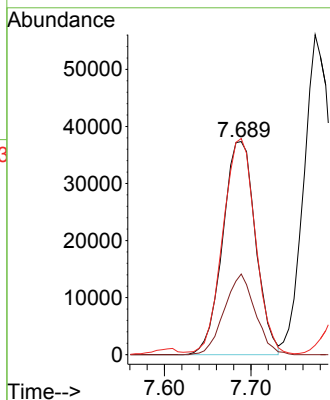
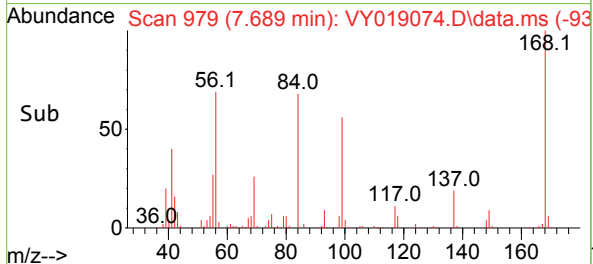


#31
Cyclohexane
Concen: 52.108 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

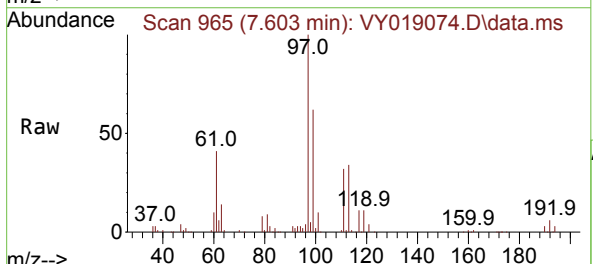
Instrument :
MSVOA_Y
ClientSampleId :



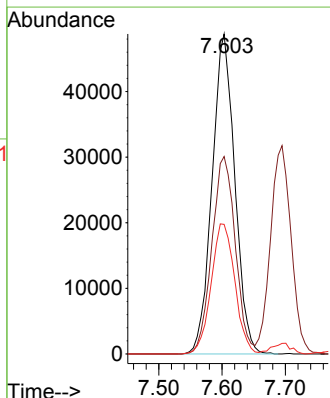
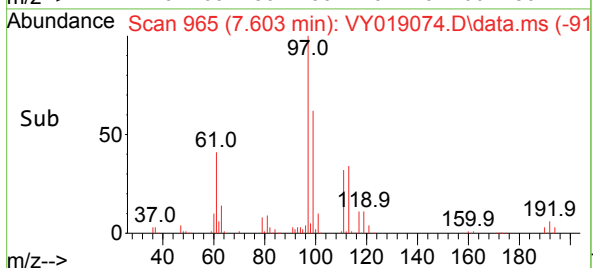
Tgt Ion: 56 Resp: 98302
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 100.1 77.7 116.5

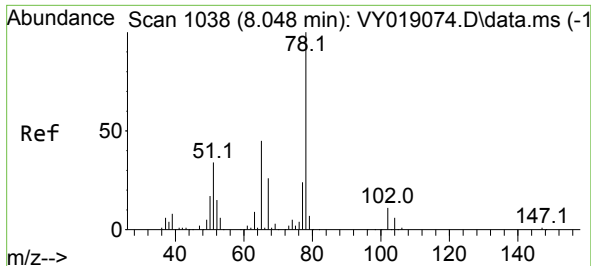


#32
1,1,1-Trichloroethane
Concen: 50.609 ug/l
RT: 7.603 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01



Tgt Ion: 97 Resp: 121481
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.4 32.6 48.8

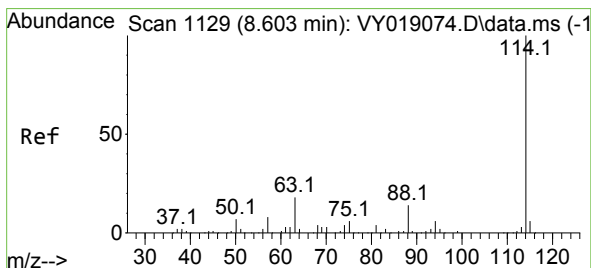
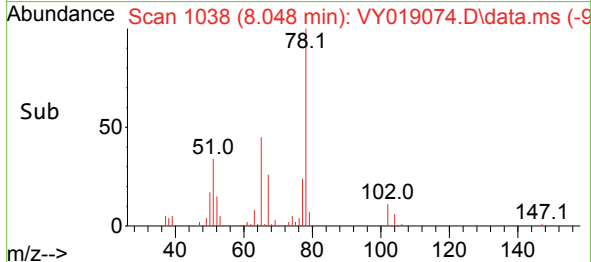
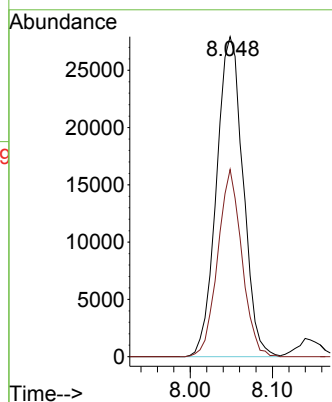
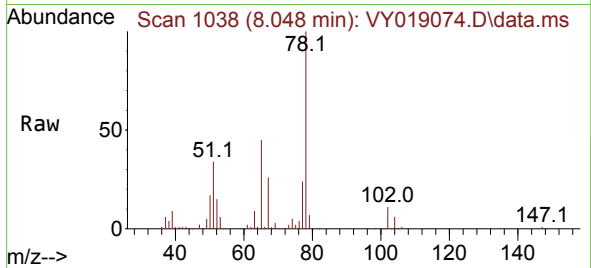




#33
 1,2-Dichloroethane-d4
 Concen: 47.454 ug/l
 RT: 8.048 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

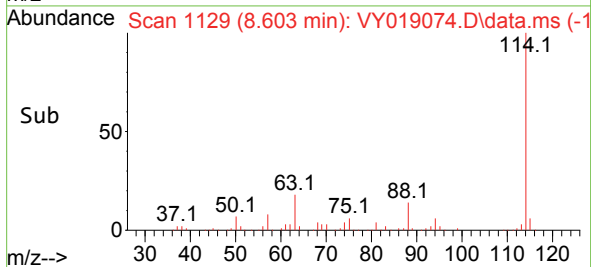
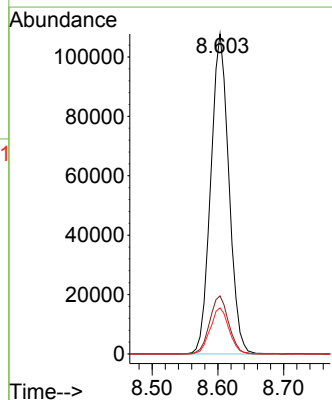
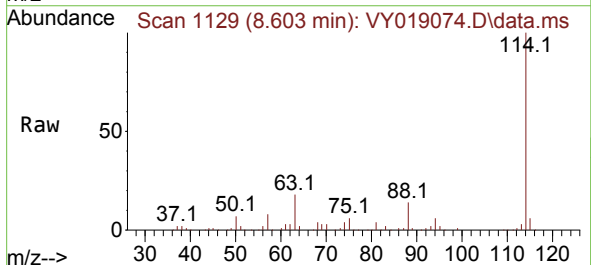
Instrument :
 MSVOA_Y
 ClientSampleId :

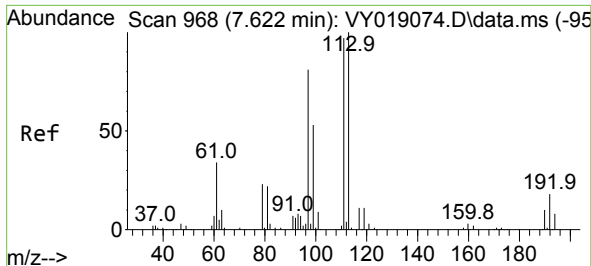
Tgt Ion: 65 Resp: 62801
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.603 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY019074.D
 Acq: 15 Aug 2024 19:01

Tgt Ion: 114 Resp: 206283
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.0
 88 14.4 0.0 27.2

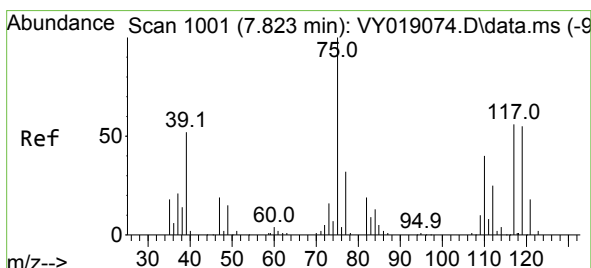
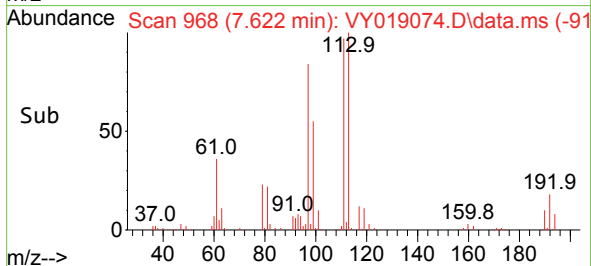
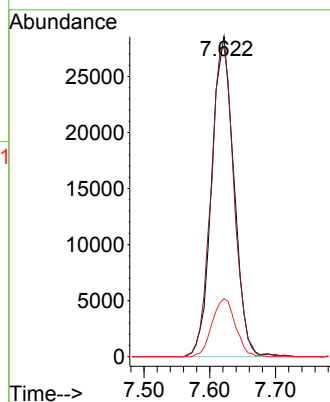
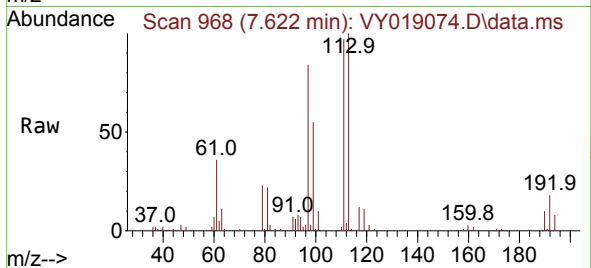




#35
Dibromofluoromethane
Concen: 49.839 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

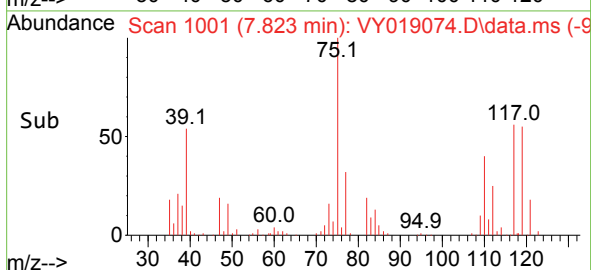
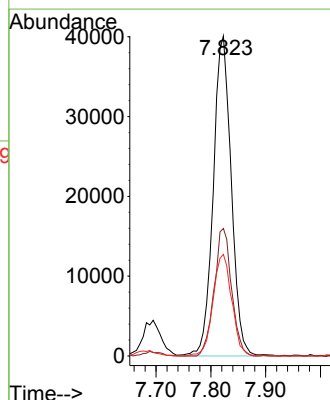
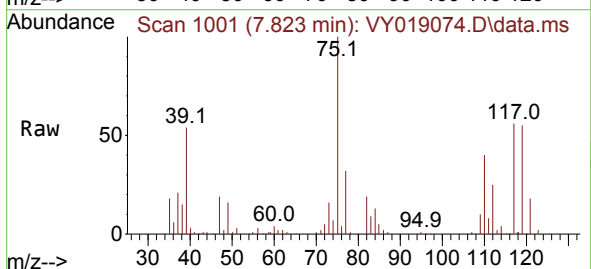
Instrument :
MSVOA_Y
ClientSampleId :

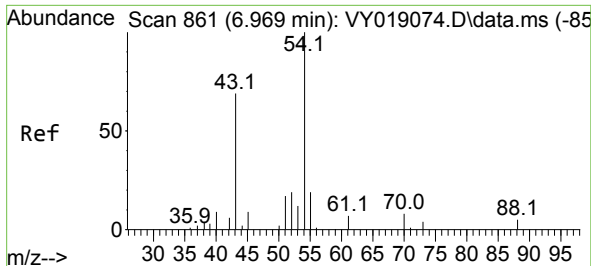
Tgt Ion:113 Resp: 67223
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.391 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

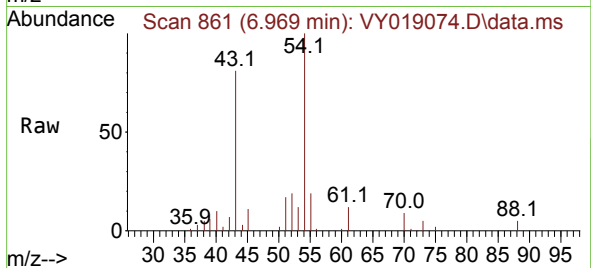
Tgt Ion: 75 Resp: 91479
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 32.9 25.3 37.9



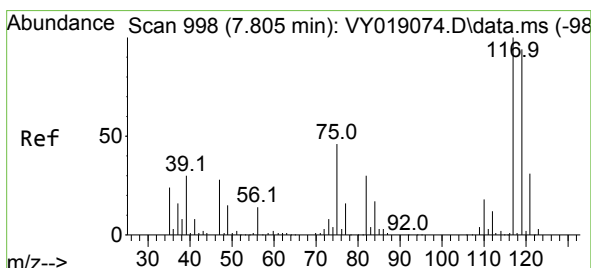
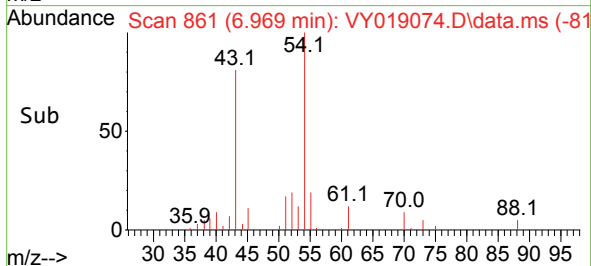
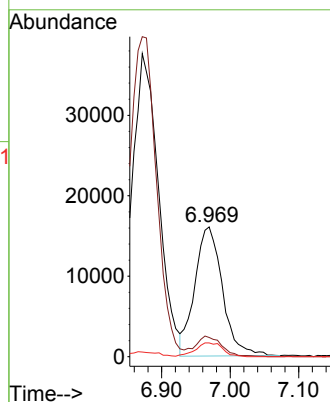


#37
Ethyl Acetate
Concen: 54.892 ug/l
RT: 6.969 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

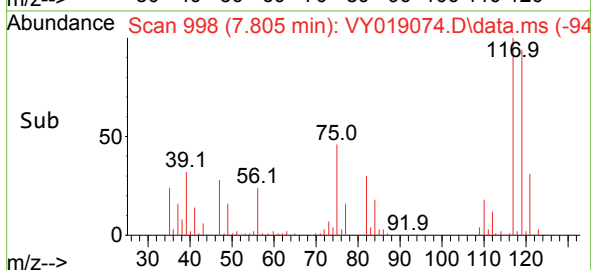
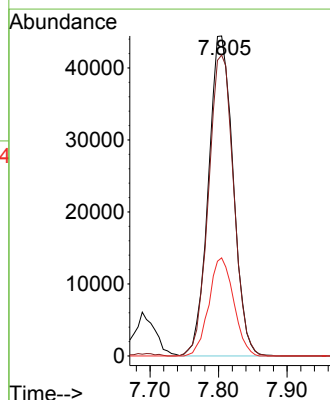
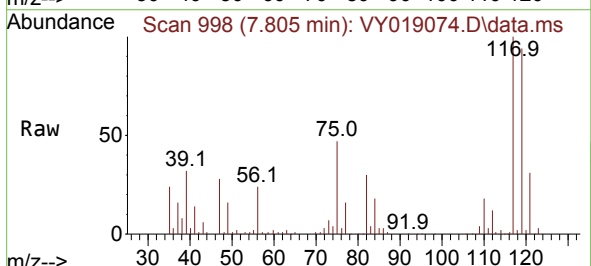


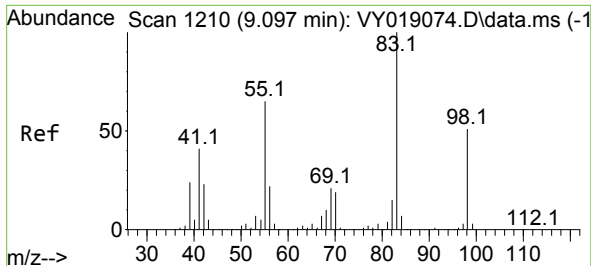
Tgt Ion: 43 Resp: 45044
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.895 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 117 Resp: 111389
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
121 30.6 24.0 36.0

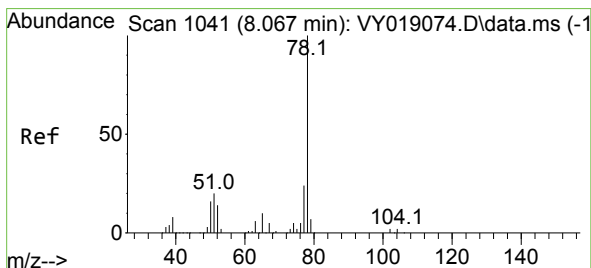
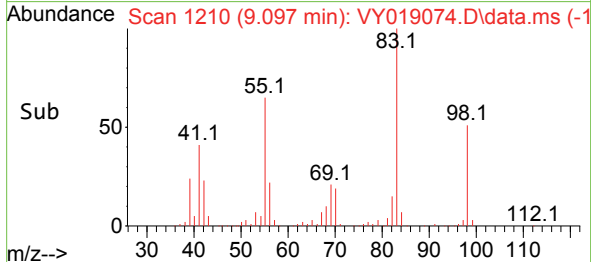
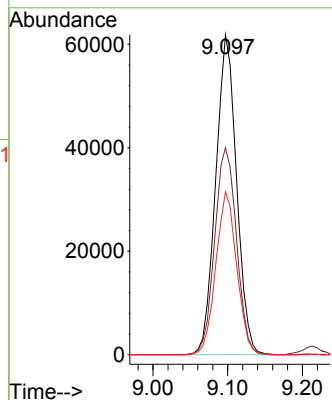
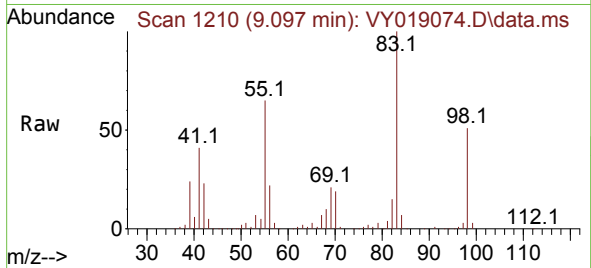




#39
Methylcyclohexane
Concen: 50.474 ug/l
RT: 9.097 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

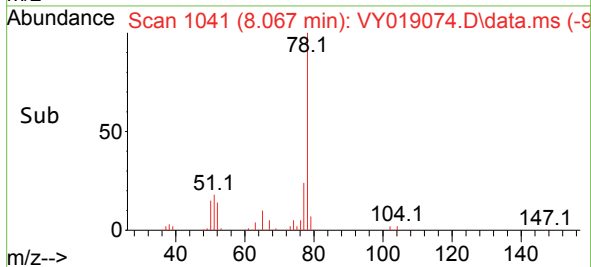
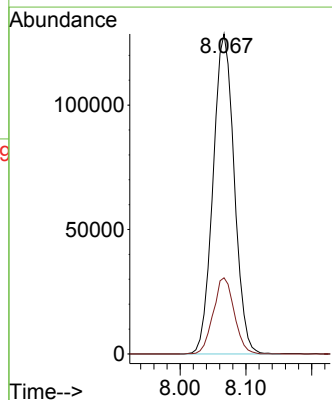
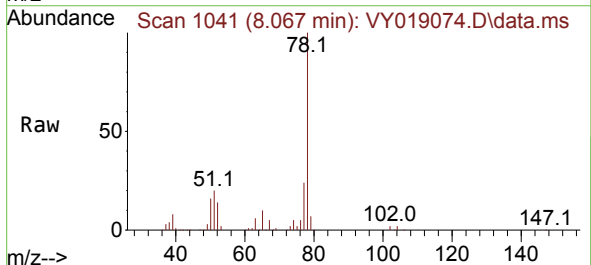
Instrument :
MSVOA_Y
ClientSampleId :

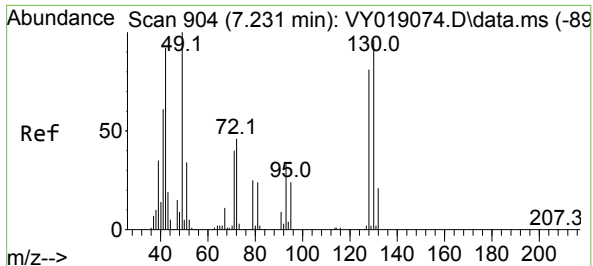
Tgt Ion: 83 Resp: 119969
Ion Ratio Lower Upper
83 100
55 64.6 51.5 77.3
98 50.9 40.5 60.7



#40
Benzene
Concen: 50.723 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

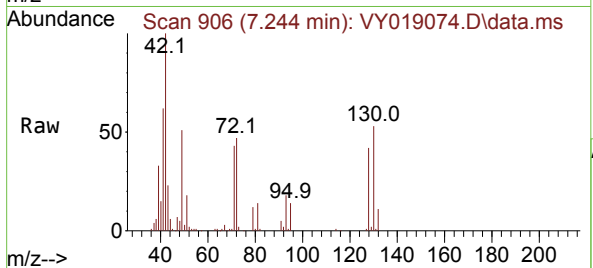
Tgt Ion: 78 Resp: 288131
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3



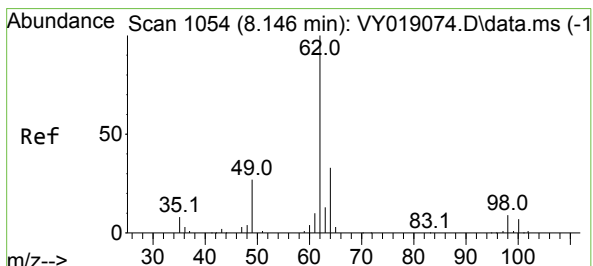
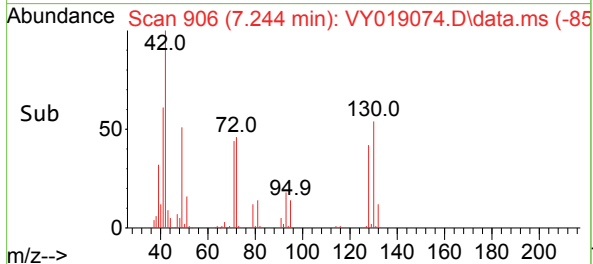
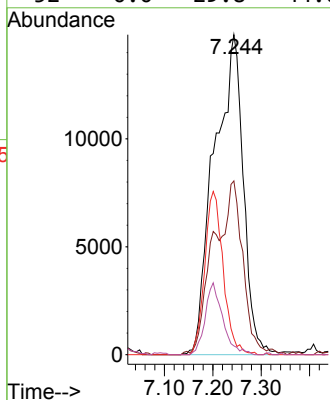


#41
Methacrylonitrile
Concen: 145.681 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

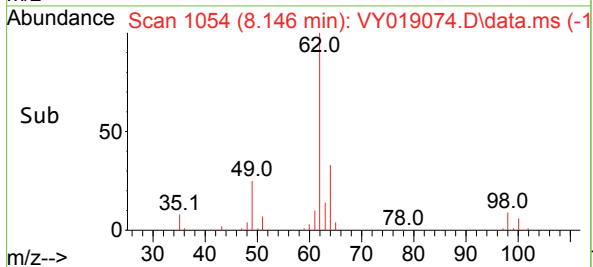
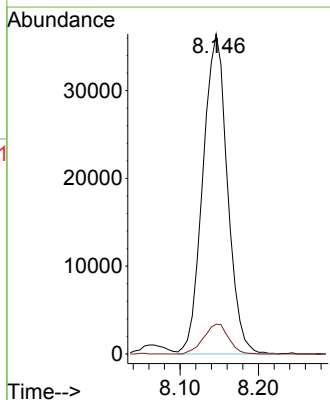
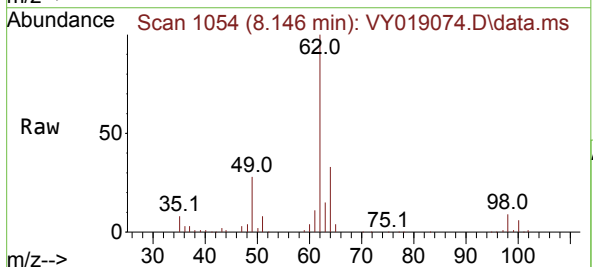


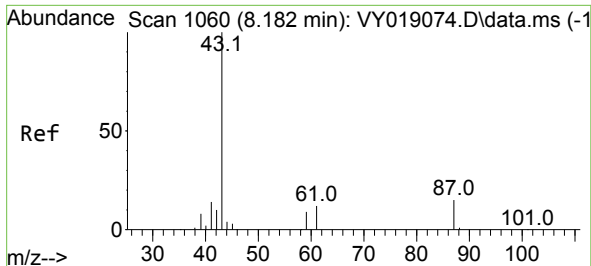
Tgt Ion: 41 Resp: 61813
Ion Ratio Lower Upper
41 100
39 30.5 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.744 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 62 Resp: 79373
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

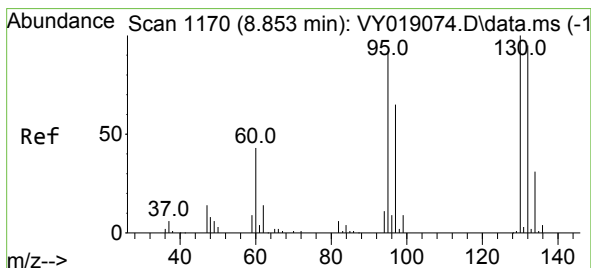
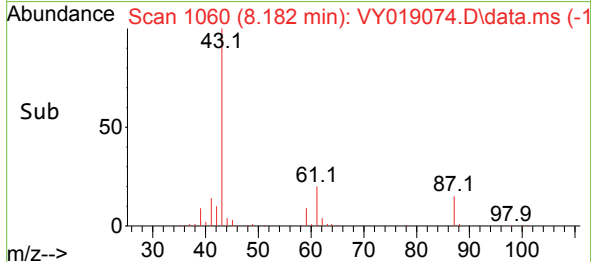
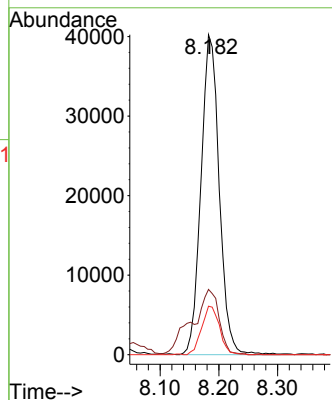
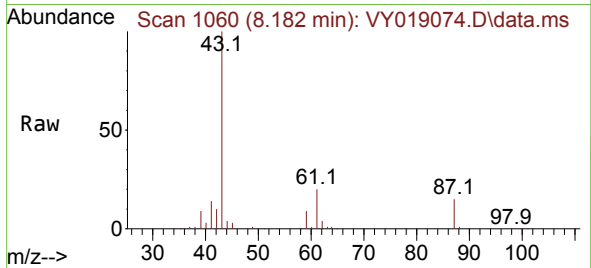




#43
Isopropyl Acetate
Concen: 52.249 ug/l
RT: 8.182 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

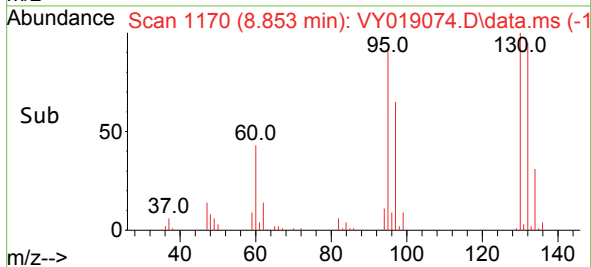
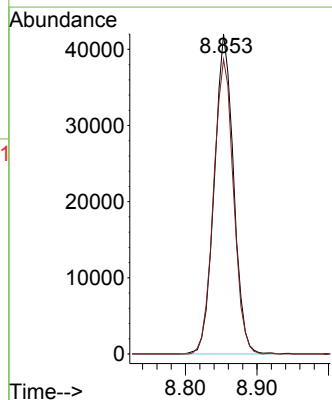
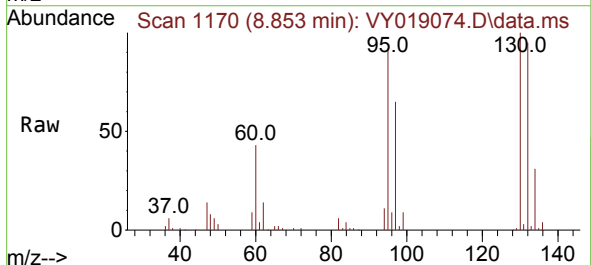
Instrument :
MSVOA_Y
ClientSampleId :

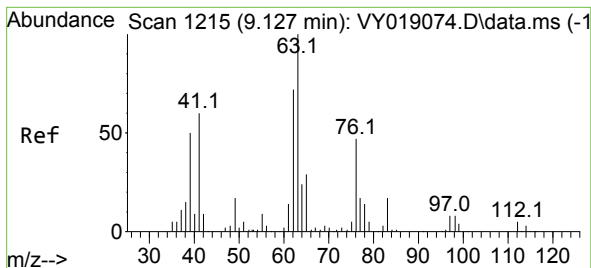
Tgt Ion: 43 Resp: 86710
Ion Ratio Lower Upper
43 100
61 30.2 27.9 41.9
87 14.9 13.1 19.7



#44
Trichloroethene
Concen: 49.585 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:130 Resp: 78592
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.511 ug/l

RT: 9.127 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

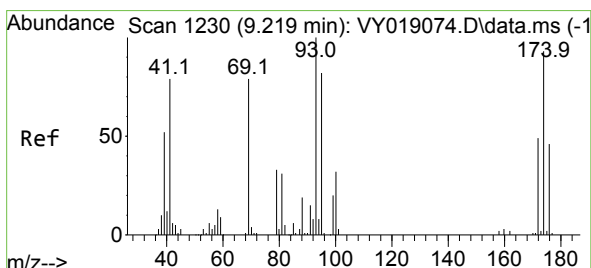
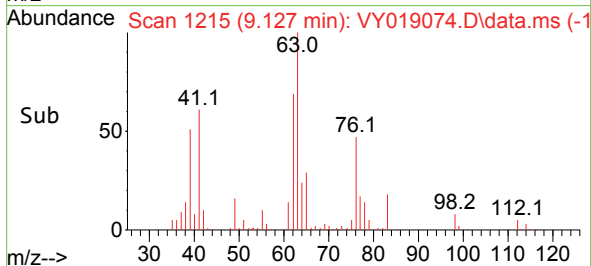
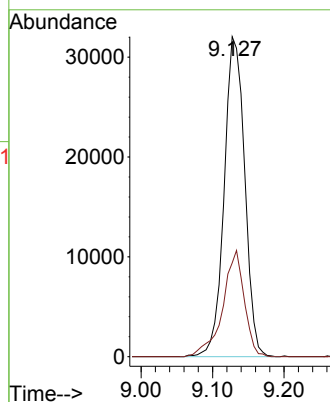
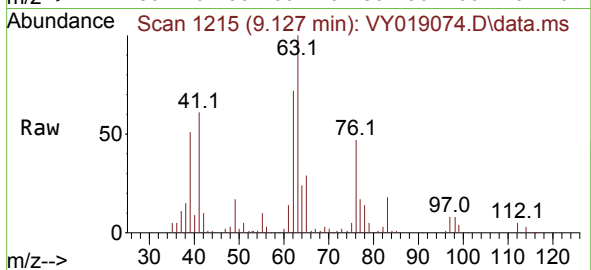
ClientSampleId :

Tgt Ion: 63 Resp: 63928

Ion Ratio Lower Upper

63 100

65 29.3 25.4 38.2



#46

Dibromomethane

Concen: 52.595 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

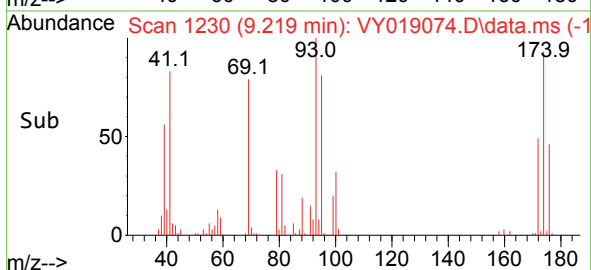
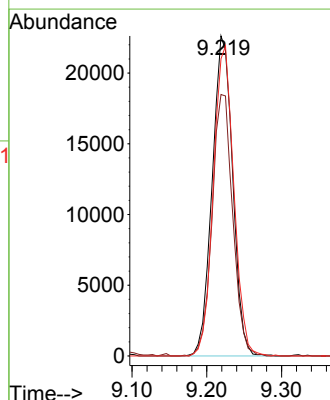
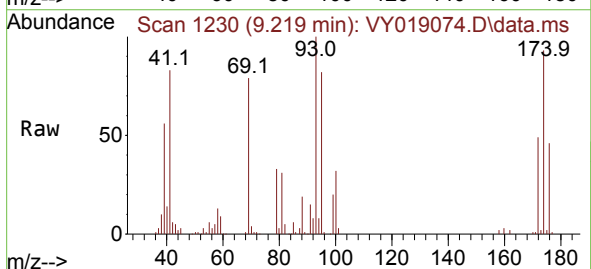
Tgt Ion: 93 Resp: 43174

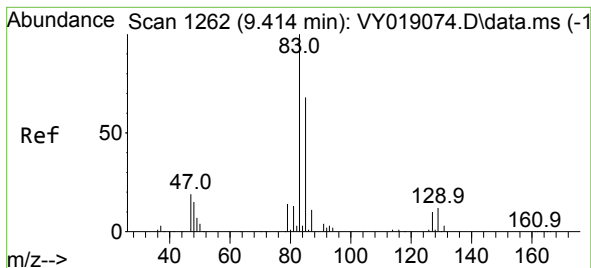
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 96.7 80.9 121.3





#47

Bromodichloromethane

Concen: 51.108 ug/l

RT: 9.414 min Scan# 1262

Delta R.T. 0.000 min

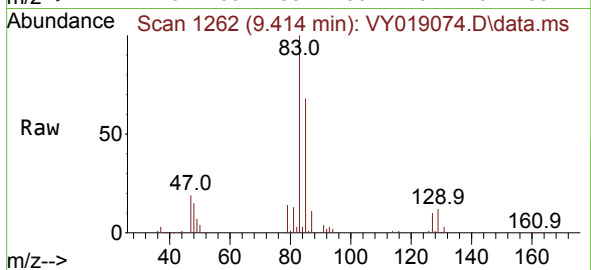
Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :



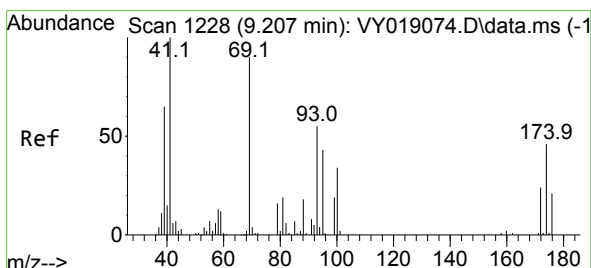
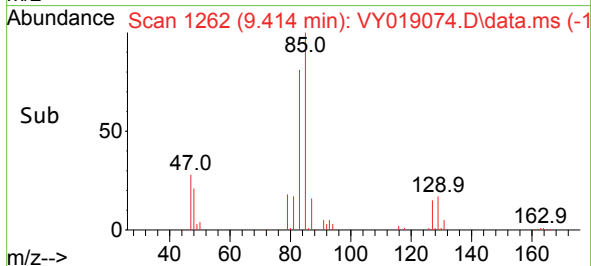
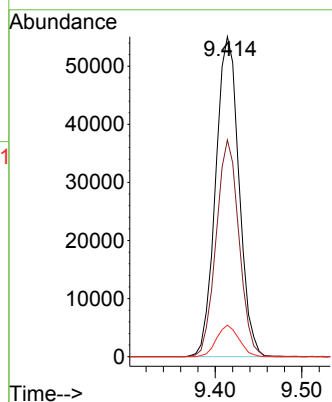
Tgt Ion: 83 Resp: 102928

Ion Ratio Lower Upper

83 100

85 67.7 50.1 75.1

127 9.9 7.4 11.0



#48

Methyl methacrylate

Concen: 53.005 ug/l

RT: 9.207 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

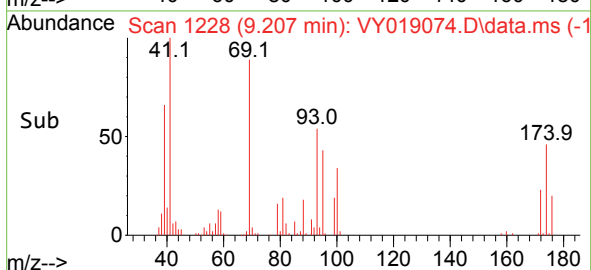
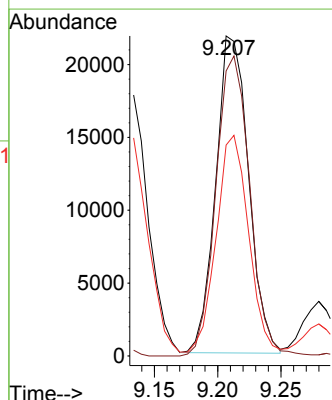
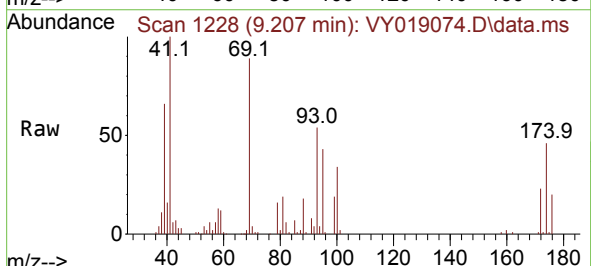
Tgt Ion: 41 Resp: 39203

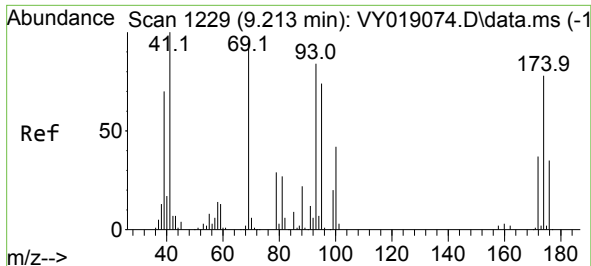
Ion Ratio Lower Upper

41 100

69 97.9 84.1 126.1

39 67.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 1029.391 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

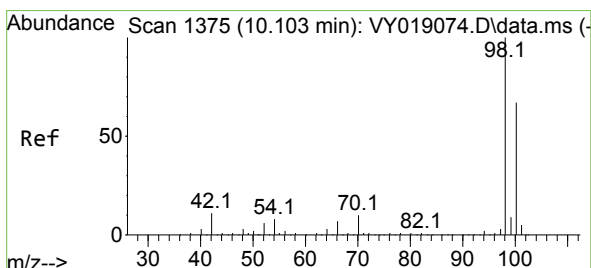
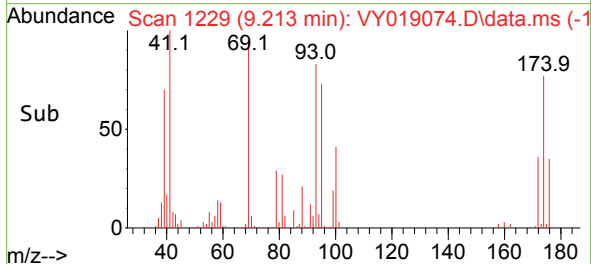
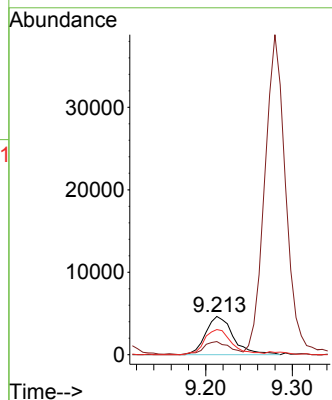
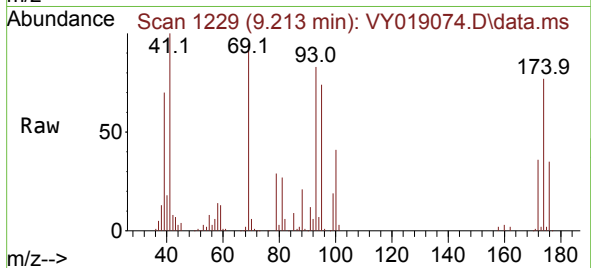
Tgt Ion: 88 Resp: 10236

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 65.2 49.3 73.9



#50

Toluene-d8

Concen: 48.354 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019074.D

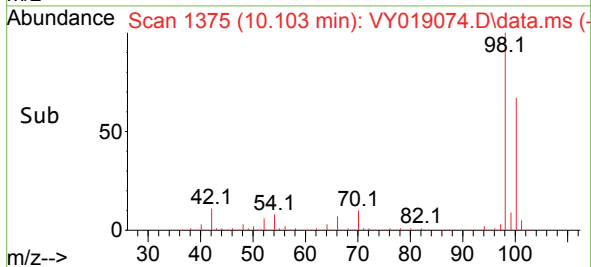
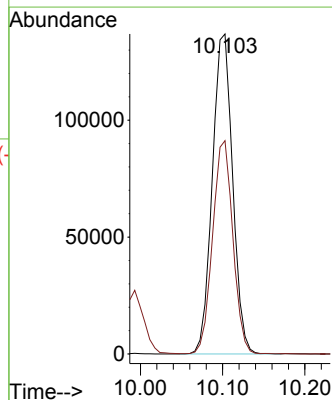
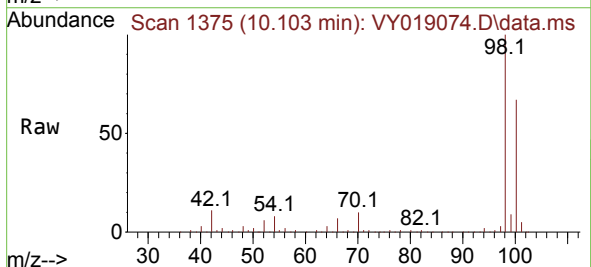
Acq: 15 Aug 2024 19:01

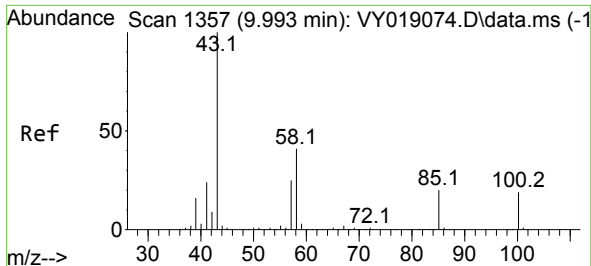
Tgt Ion: 98 Resp: 234706

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 271.178 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

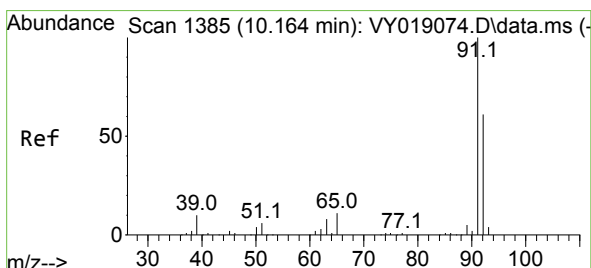
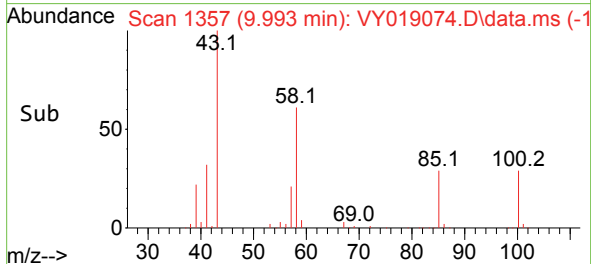
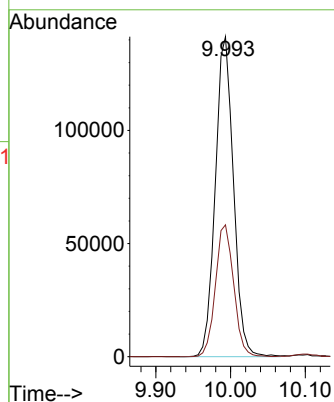
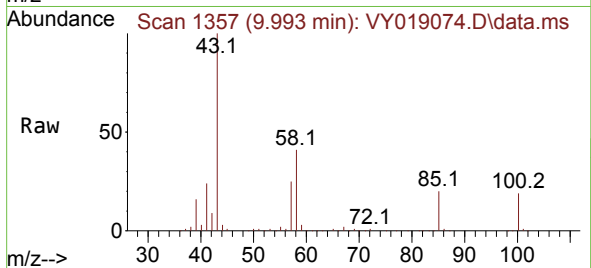
ClientSampleId :

Tgt Ion: 43 Resp: 238860

Ion Ratio Lower Upper

43 100

58 41.4 35.7 53.5



#52

Toluene

Concen: 50.430 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019074.D

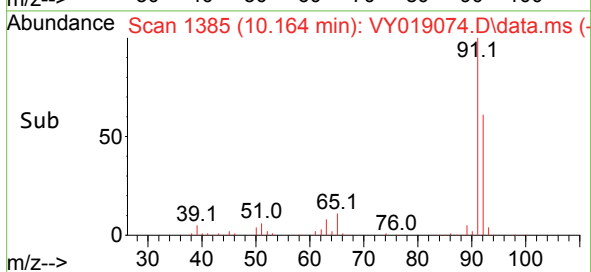
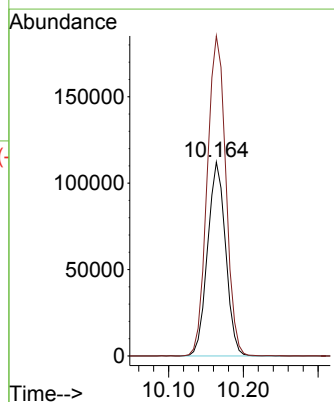
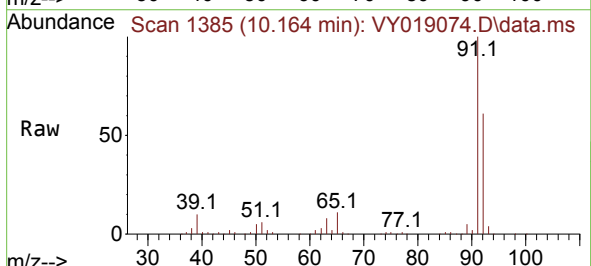
Acq: 15 Aug 2024 19:01

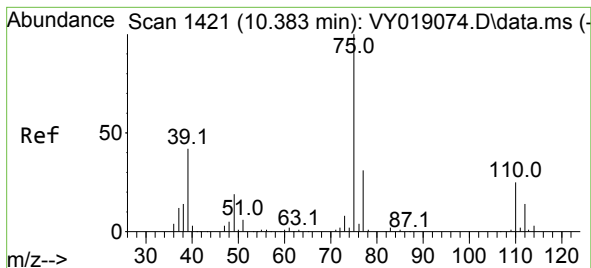
Tgt Ion: 92 Resp: 188041

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 52.420 ug/l

RT: 10.383 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

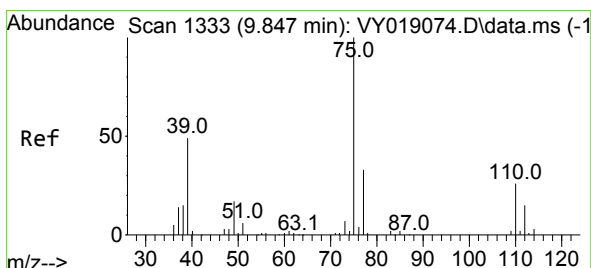
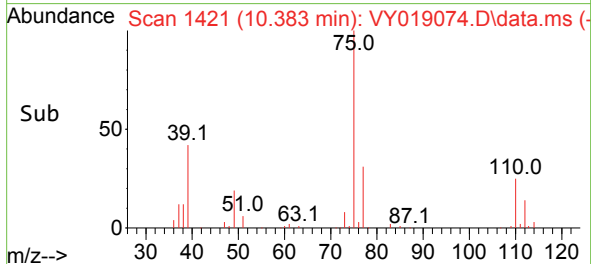
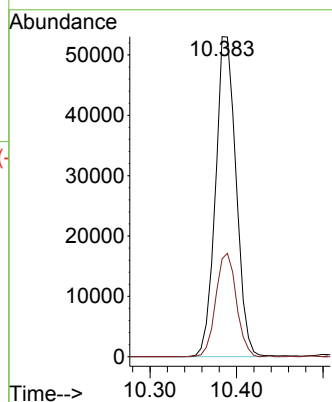
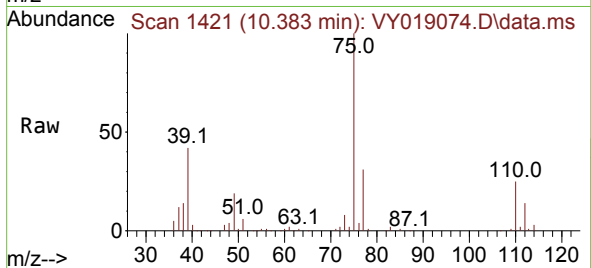
ClientSampleId :

Tgt Ion: 75 Resp: 87574

Ion Ratio Lower Upper

75 100

77 30.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.407 ug/l

RT: 9.847 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

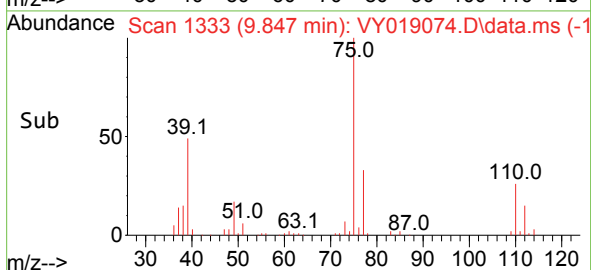
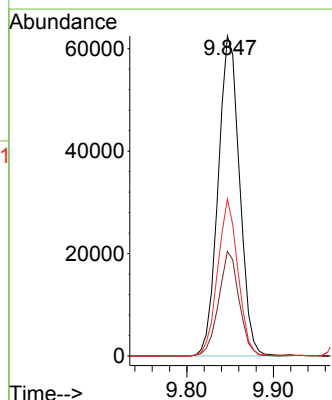
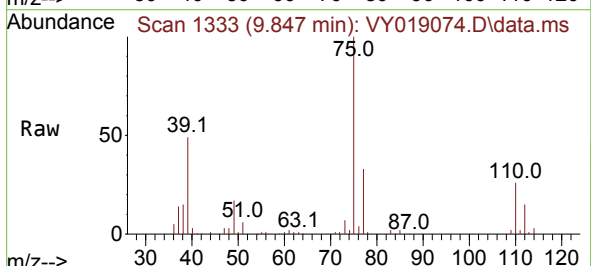
Tgt Ion: 75 Resp: 107301

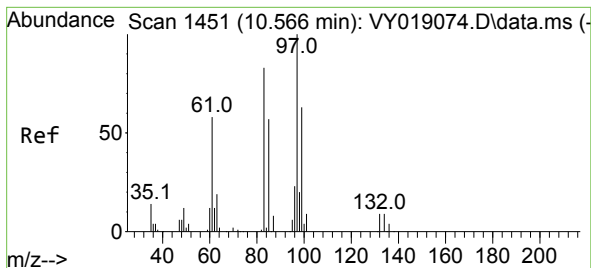
Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.0

39 48.9 29.8 44.6#

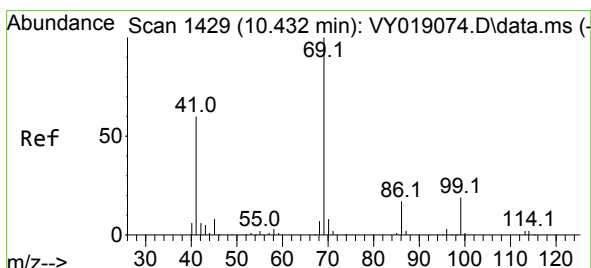
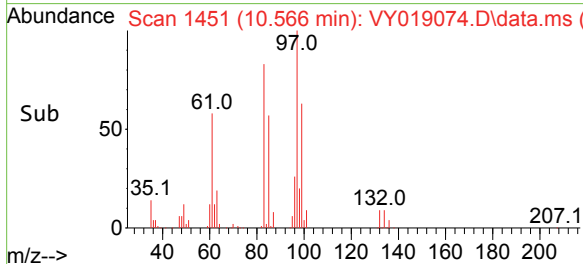
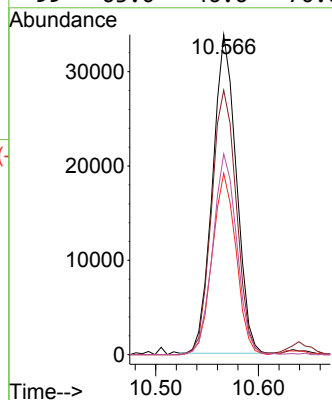
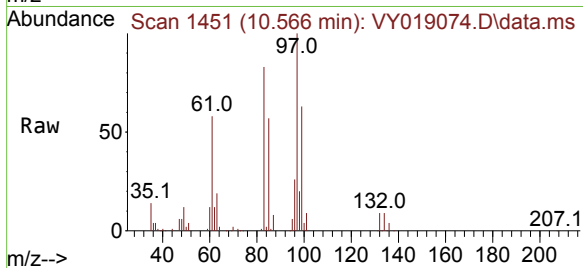




#55
1,1,2-Trichloroethane
Concen: 51.212 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

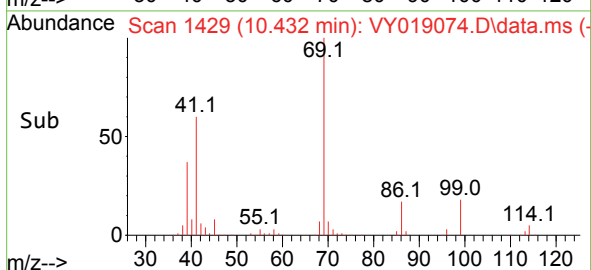
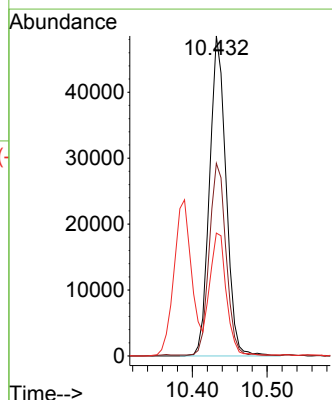
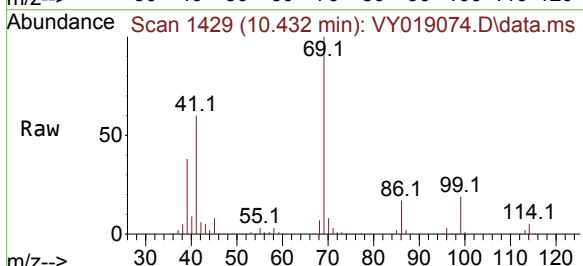
Instrument :
MSVOA_Y
ClientSampleId :

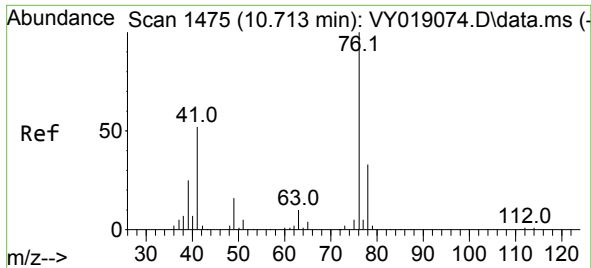
Tgt Ion:	97	Resp:	54118
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.5	101.3
85	56.9	42.9	64.3
99	63.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 53.815 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:	69	Resp:	74435
Ion	Ratio	Lower	Upper
69	100		
41	61.0	42.3	63.5
39	37.7	22.9	34.3





#57

1,3-Dichloropropane

Concen: 51.982 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

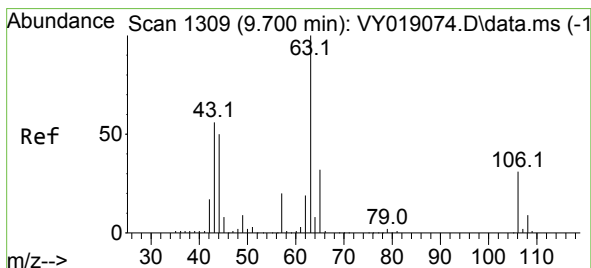
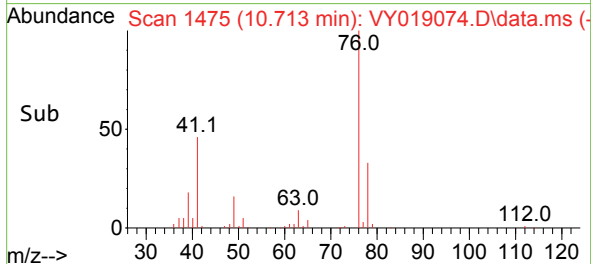
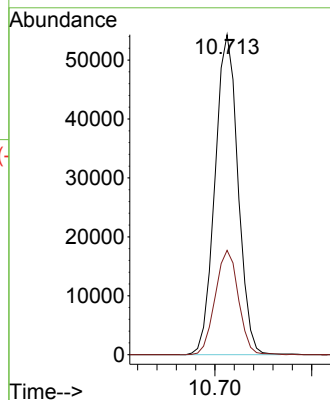
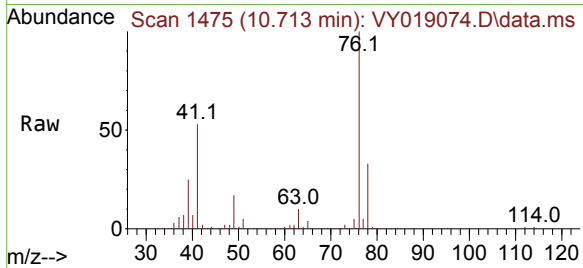
ClientSampleId :

Tgt Ion: 76 Resp: 89546

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 254.188 ug/l

RT: 9.700 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019074.D

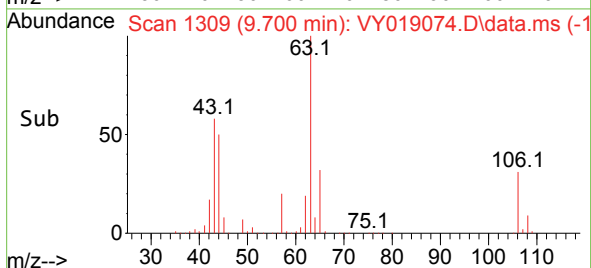
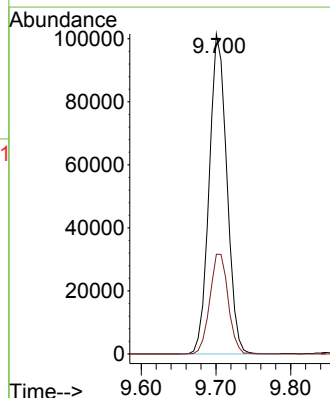
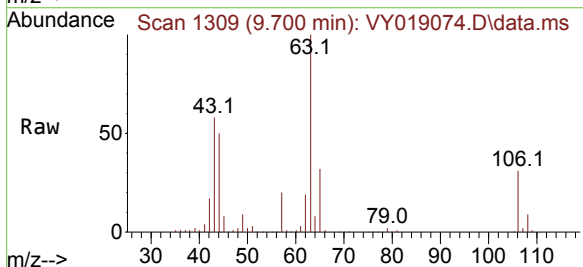
Acq: 15 Aug 2024 19:01

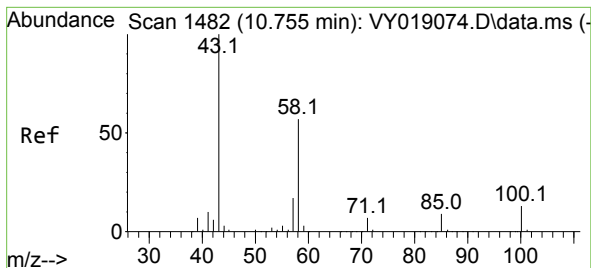
Tgt Ion: 63 Resp: 166792

Ion Ratio Lower Upper

63 100

106 32.4 23.7 35.5

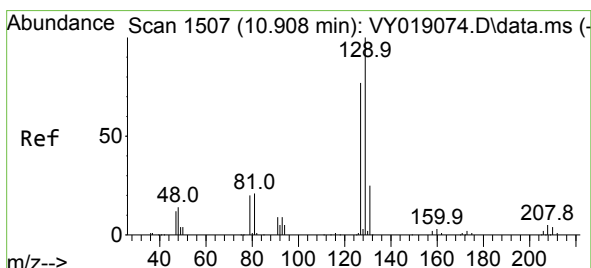
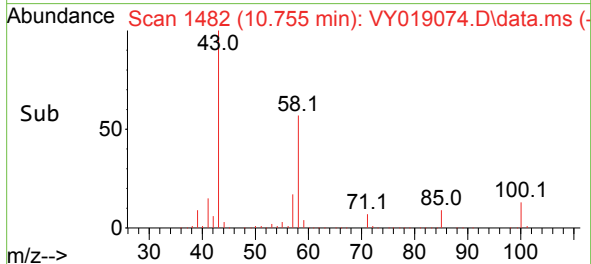
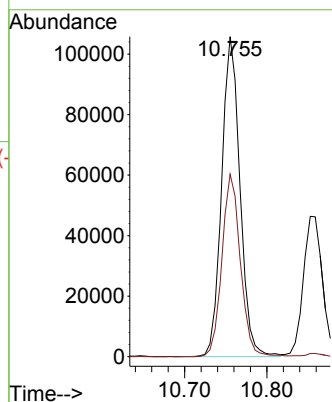
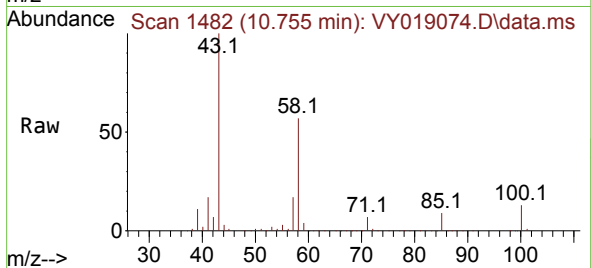




#59
2-Hexanone
Concen: 270.754 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

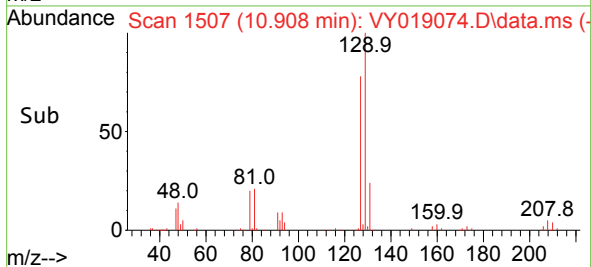
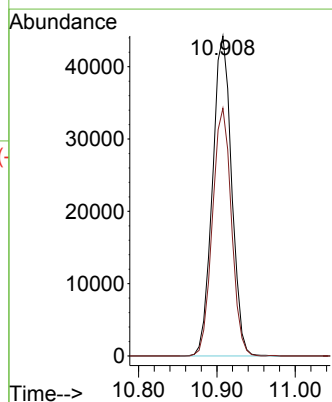
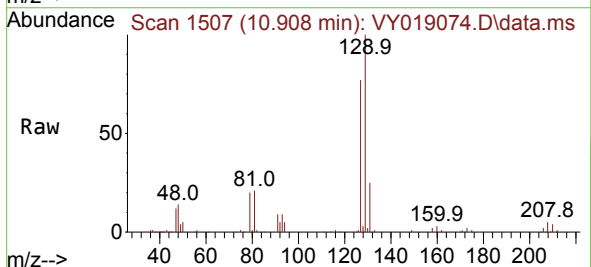
Instrument :
MSVOA_Y
ClientSampleId :

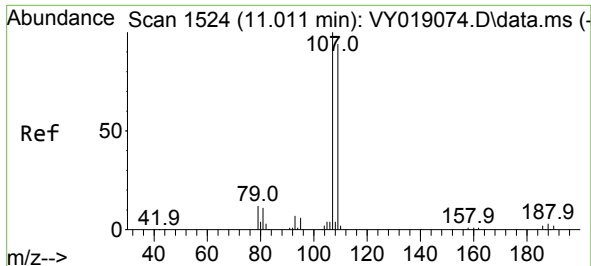
Tgt Ion: 43 Resp: 163845
Ion Ratio Lower Upper
43 100
58 57.3 31.4 94.0



#60
Dibromochloromethane
Concen: 52.144 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 129 Resp: 75051
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

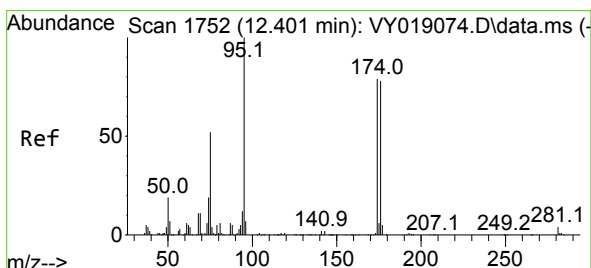
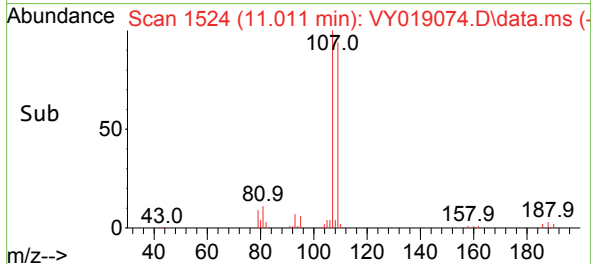
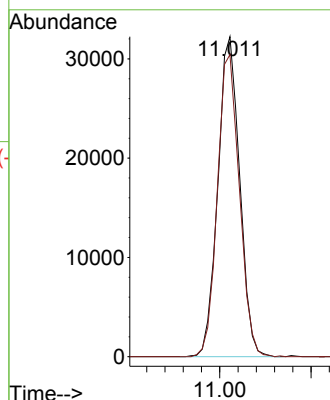
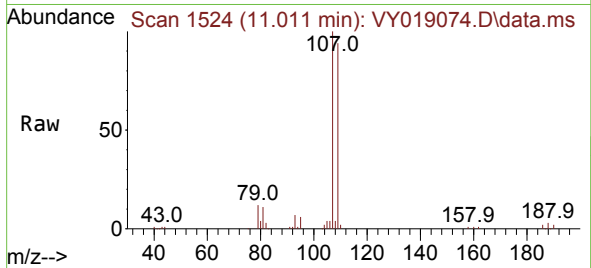




#61
1,2-Dibromoethane
Concen: 52.413 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

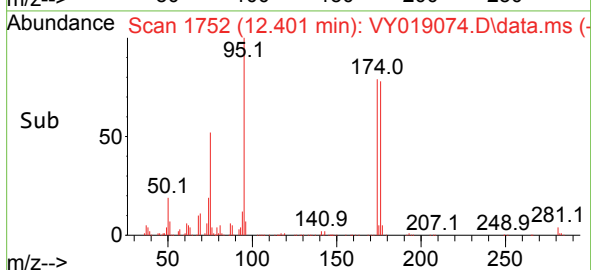
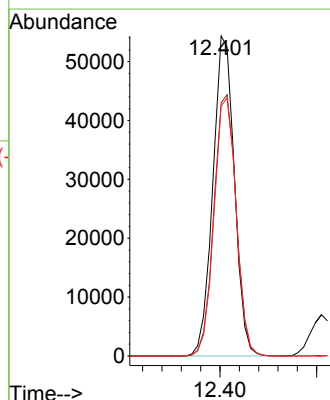
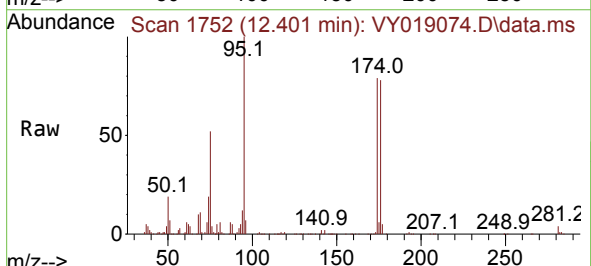
Instrument :
MSVOA_Y
ClientSampleId :

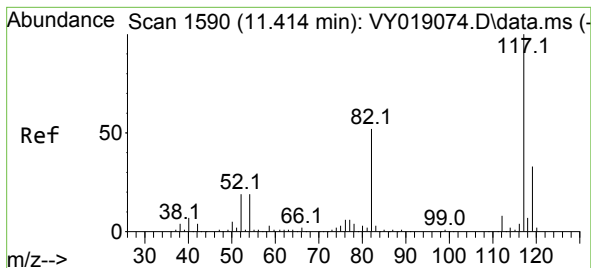
Tgt Ion:107 Resp: 53533
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.725 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 95 Resp: 83933
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 83.0 0.0 171.4

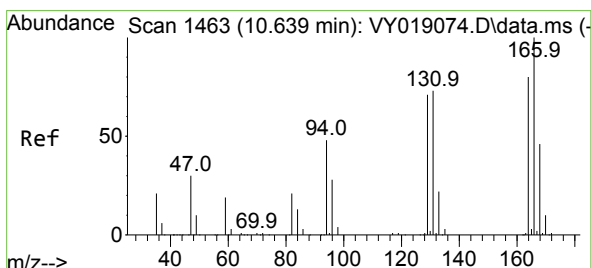
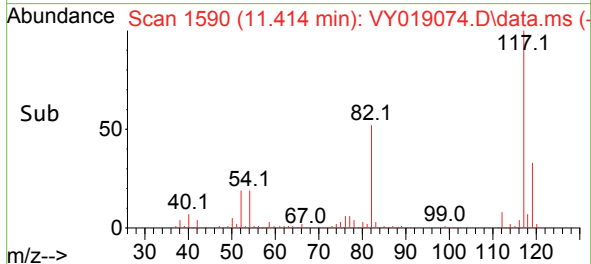
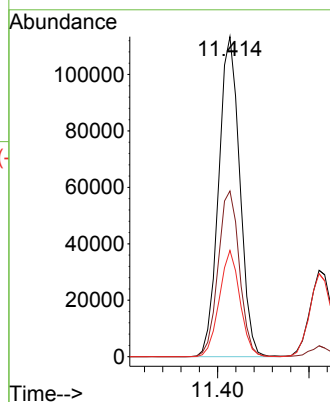
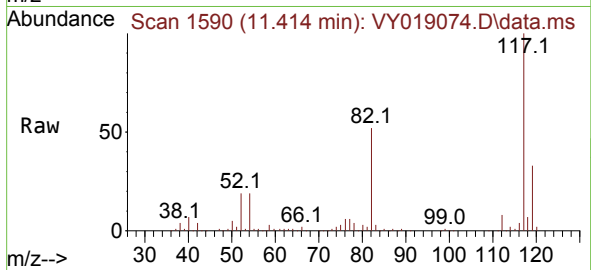




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

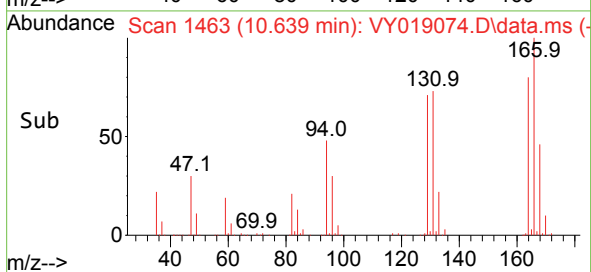
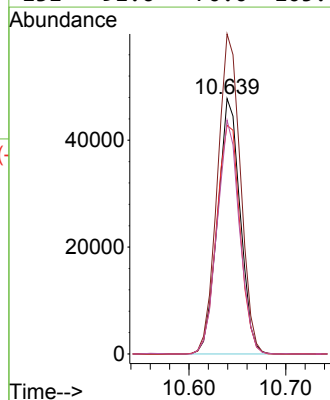
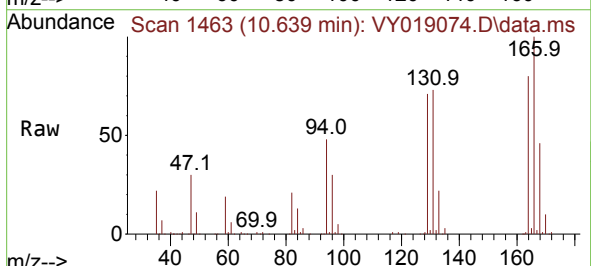
Instrument :
MSVOA_Y
ClientSampleId :

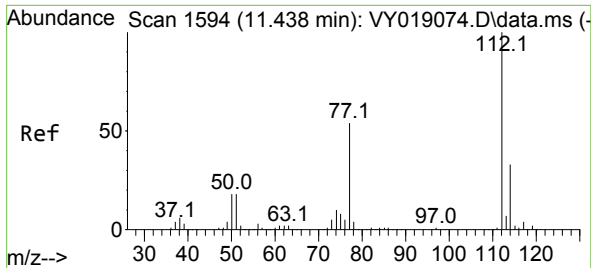
Tgt Ion:117 Resp: 182242
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 48.525 ug/l
RT: 10.639 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:164 Resp: 77297
Ion Ratio Lower Upper
164 100
166 125.3 102.6 154.0
129 89.5 72.0 108.0
131 91.6 70.0 105.0

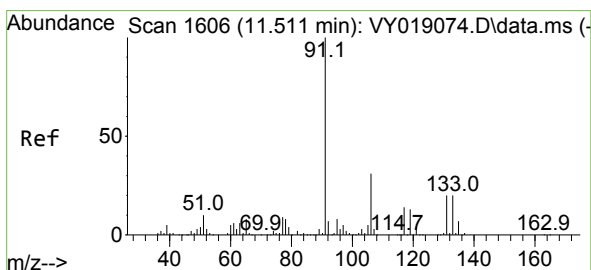
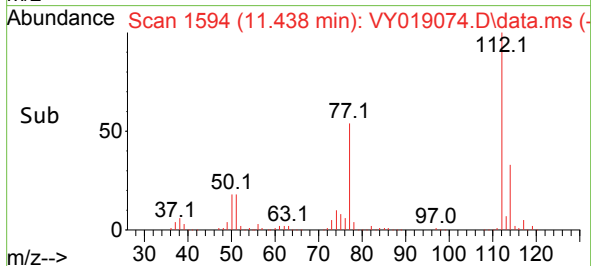
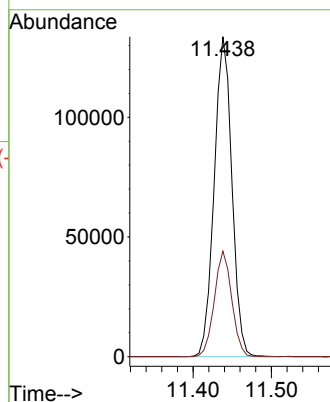
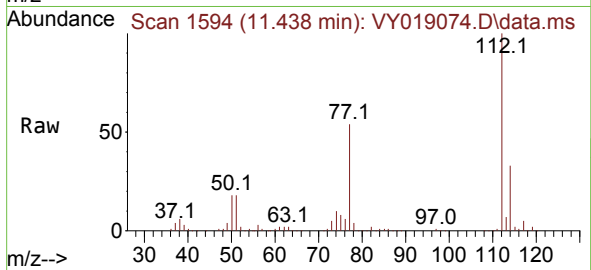




#65
Chlorobenzene
Concen: 49.995 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

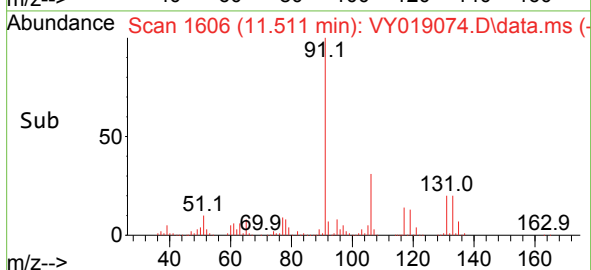
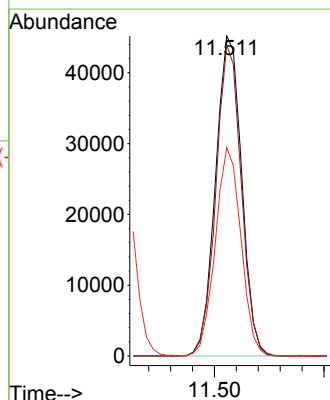
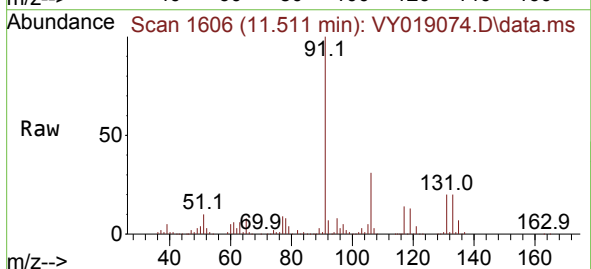
Instrument :
MSVOA_Y
ClientSampleId :

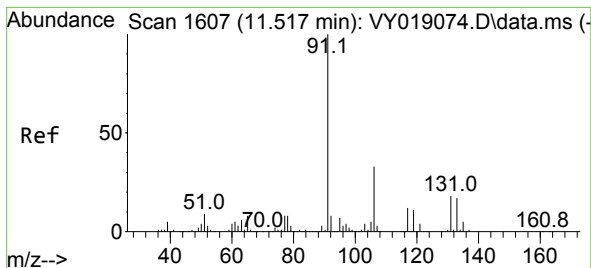
Tgt Ion:112 Resp: 209797
Ion Ratio Lower Upper
112 100
114 33.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.495 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:131 Resp: 74516
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 64.4 34.1 102.2





#67

Ethyl Benzene

Concen: 50.438 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

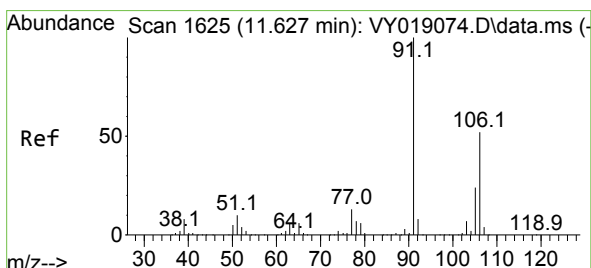
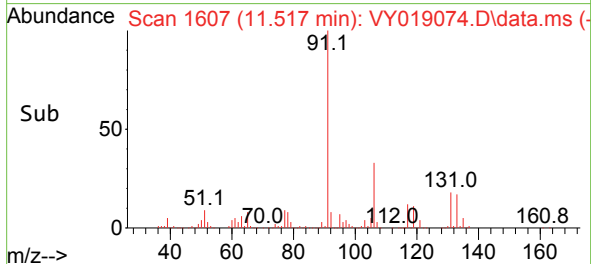
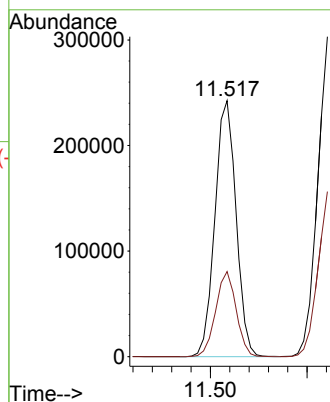
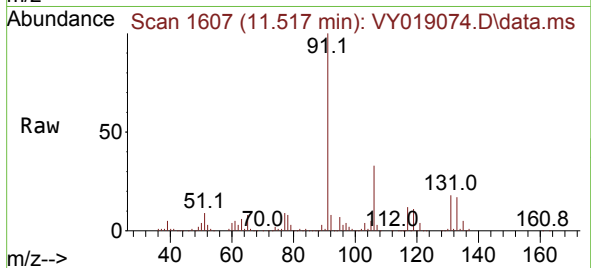
ClientSampleId :

Tgt Ion: 91 Resp: 367359

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7



#68

m/p-Xylenes

Concen: 101.511 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019074.D

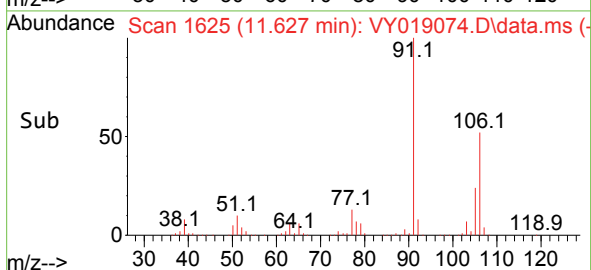
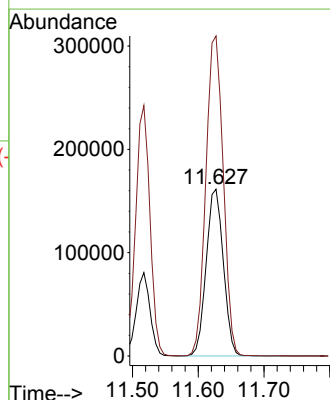
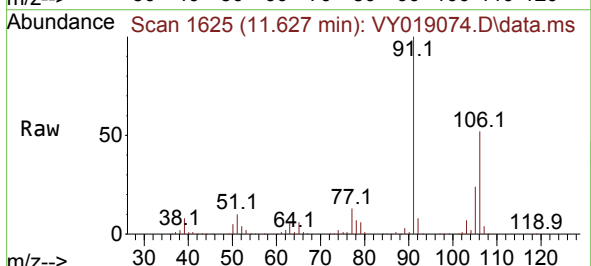
Acq: 15 Aug 2024 19:01

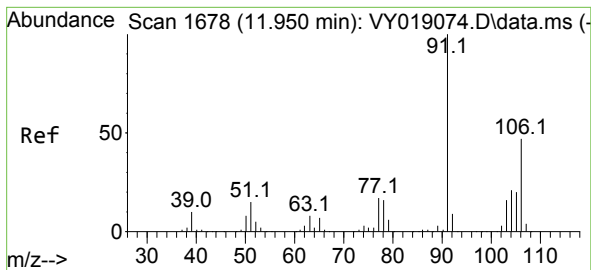
Tgt Ion:106 Resp: 293367

Ion Ratio Lower Upper

106 100

91 194.2 156.0 234.0

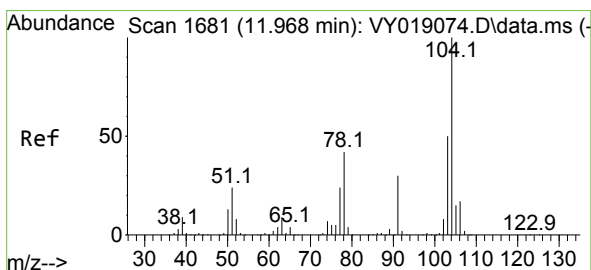
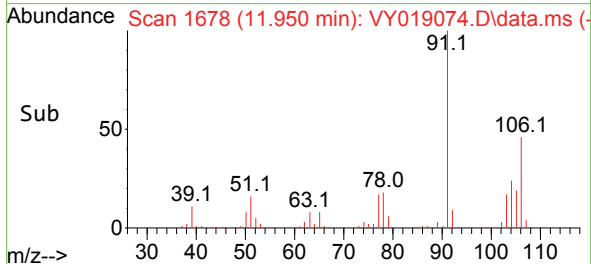
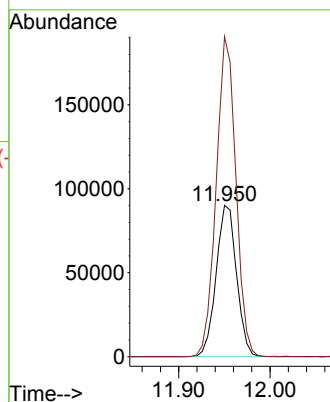
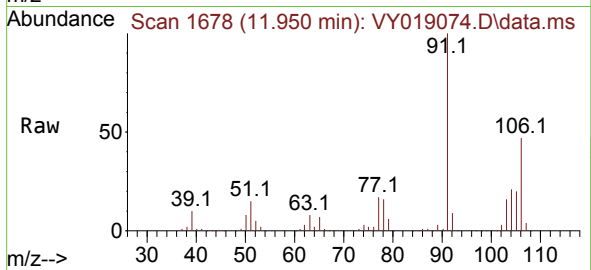




#69
o-Xylene
Concen: 52.268 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

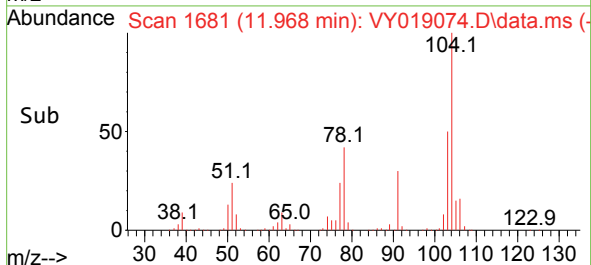
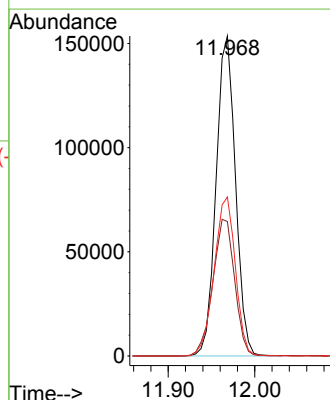
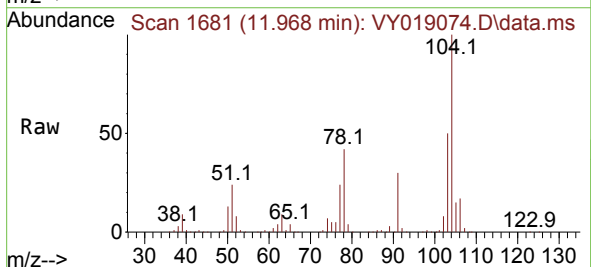
Instrument :
MSVOA_Y
ClientSampleId :

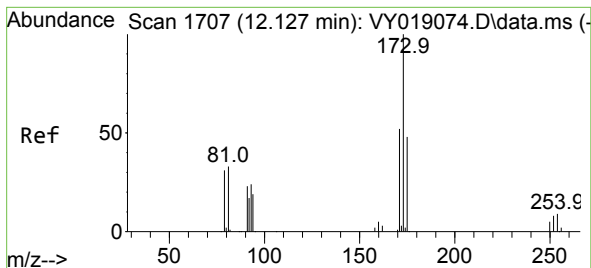
Tgt Ion:106 Resp: 139883
Ion Ratio Lower Upper
106 100
91 204.1 103.6 310.8



#70
Styrene
Concen: 52.243 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:104 Resp: 238425
Ion Ratio Lower Upper
104 100
78 48.2 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 53.179 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY019074.D

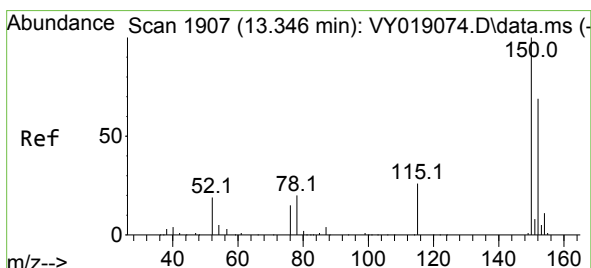
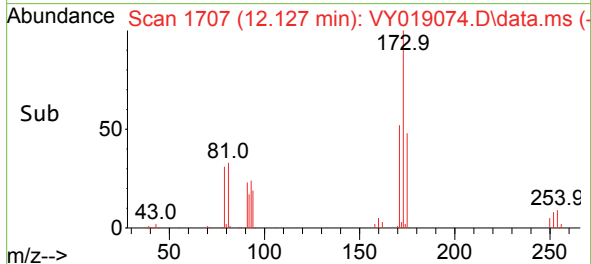
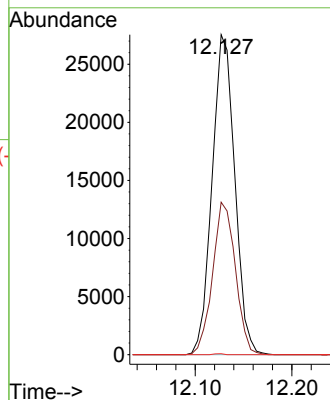
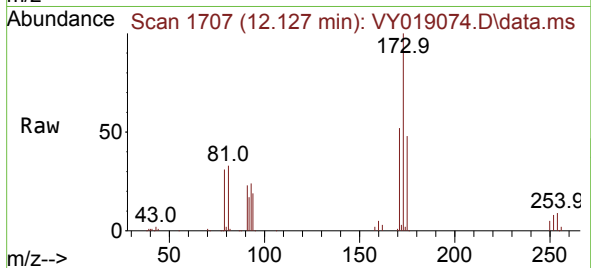
Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	44861
Ion Ratio	Lower	Upper	
173	100		
175	47.9	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

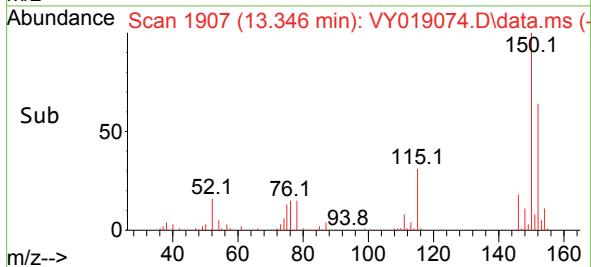
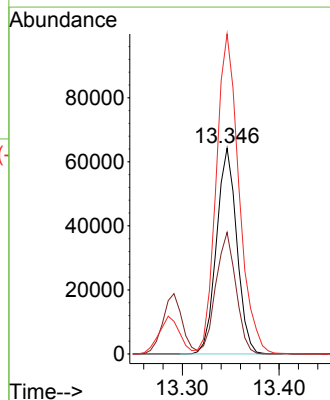
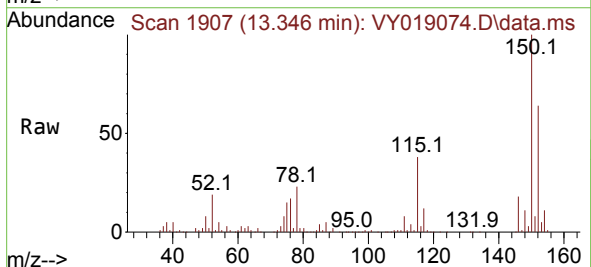
RT: 13.346 min Scan# 1907

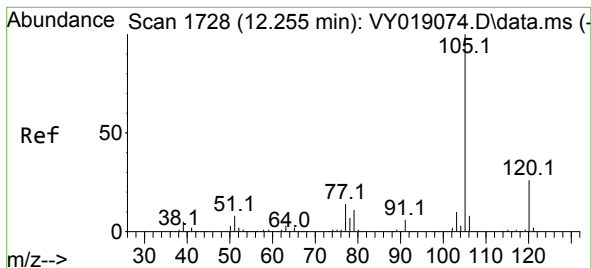
Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Tgt Ion:	152	Resp:	93718
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.2	84.7
150	174.7	0.0	345.6





#73

Isopropylbenzene

Concen: 50.246 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

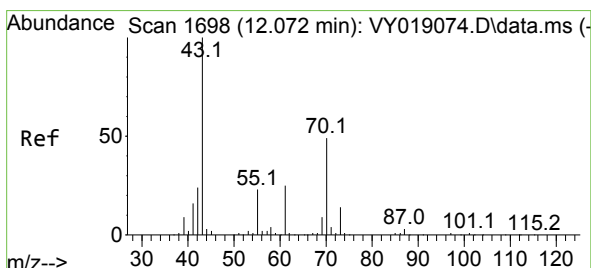
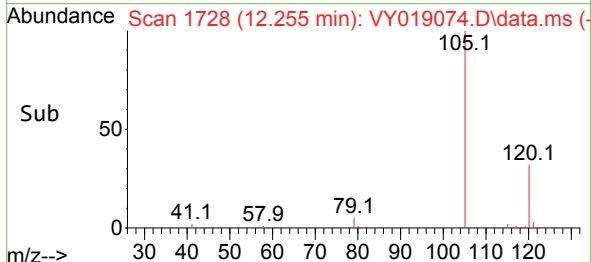
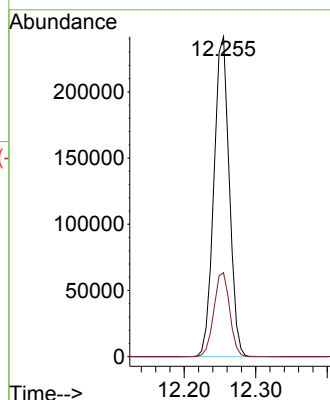
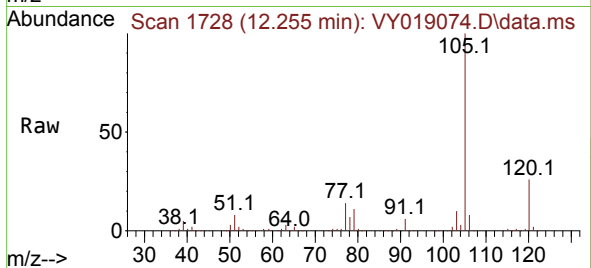
ClientSampleId :

Tgt Ion:105 Resp: 360918

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 52.312 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Tgt Ion: 43 Resp: 81937

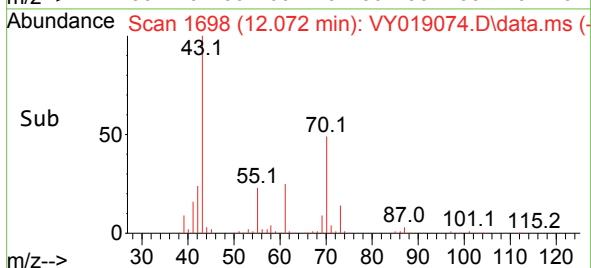
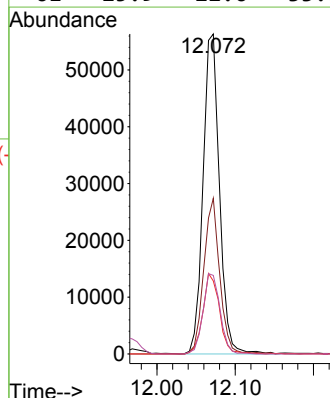
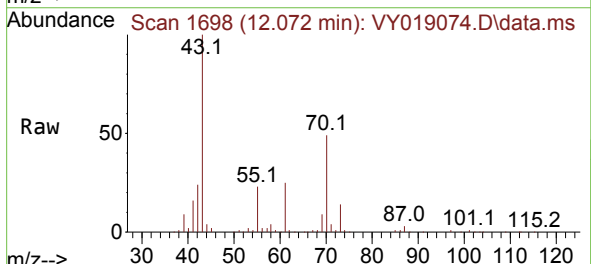
Ion Ratio Lower Upper

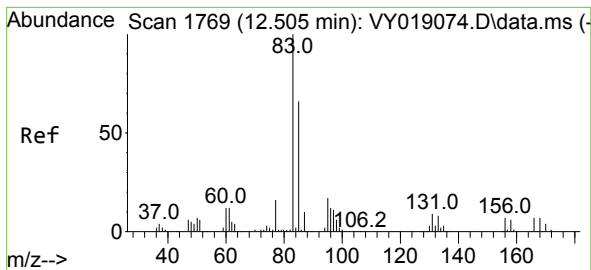
43 100

70 47.4 41.4 62.2

55 25.3 23.3 34.9

61 25.9 22.6 33.8

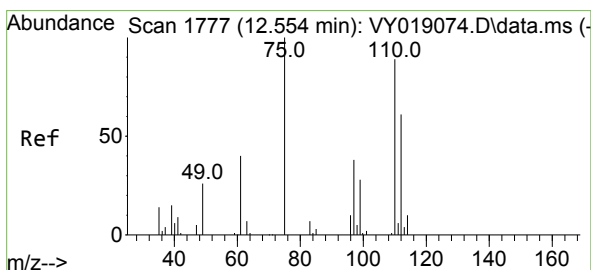
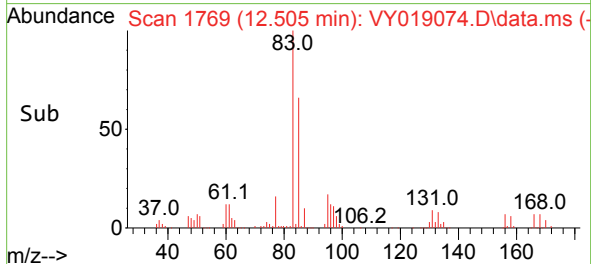
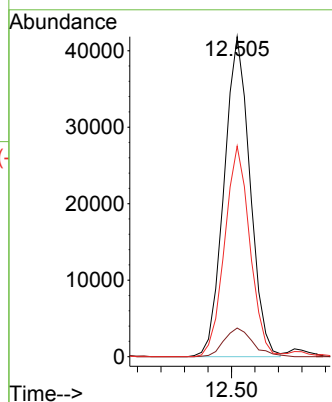
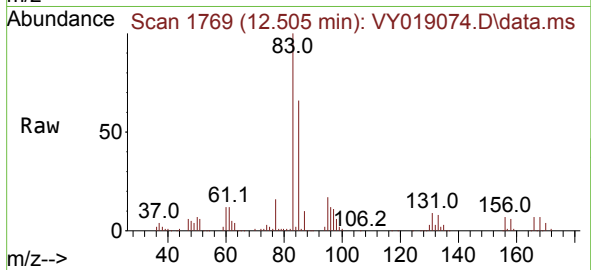




#75
1,1,2,2-Tetrachloroethane
Concen: 50.222 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

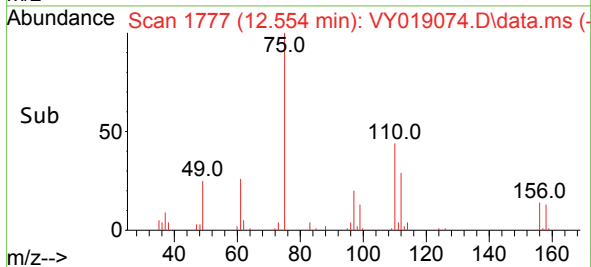
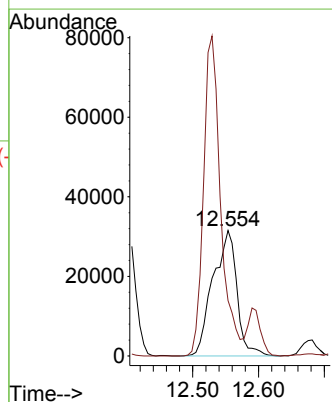
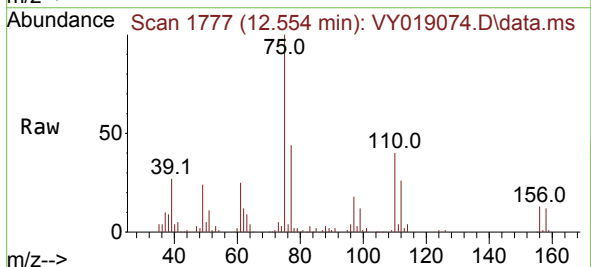
Instrument :
MSVOA_Y
ClientSampleId :

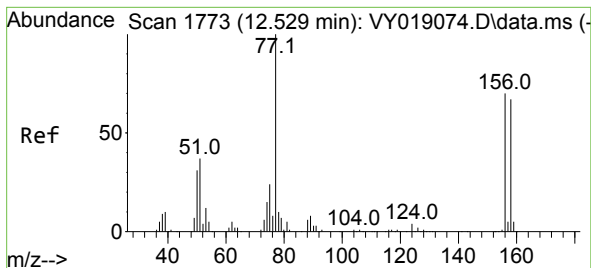
Tgt Ion: 83 Resp: 64224
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 89.962 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 75 Resp: 80080
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.557 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

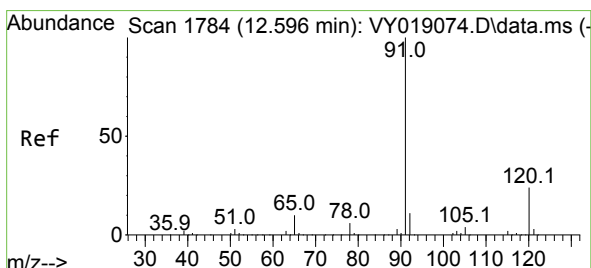
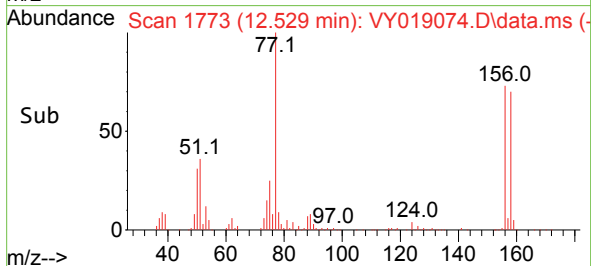
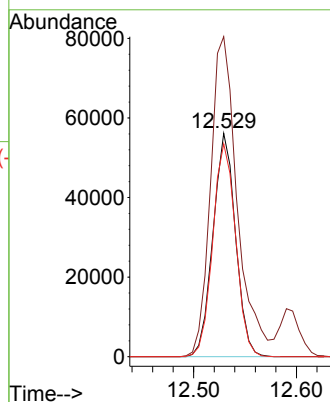
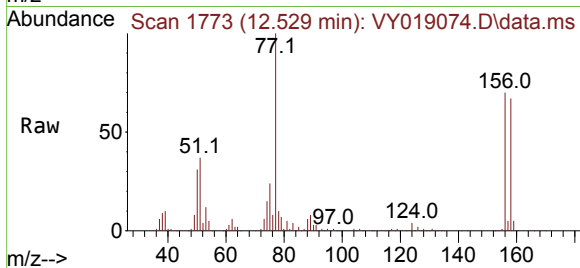
Tgt Ion:156 Resp: 85489

Ion Ratio Lower Upper

156 100

77 169.7 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 50.193 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019074.D

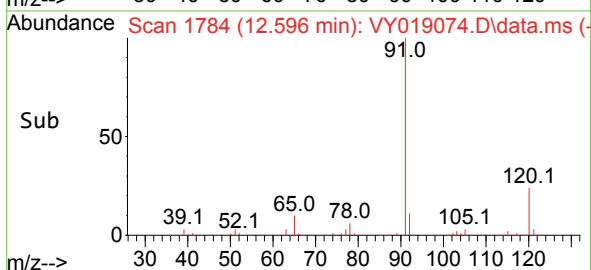
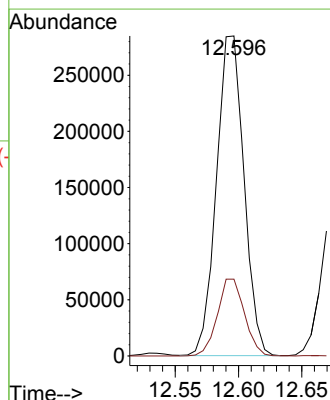
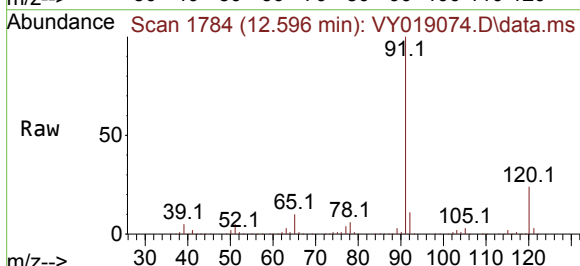
Acq: 15 Aug 2024 19:01

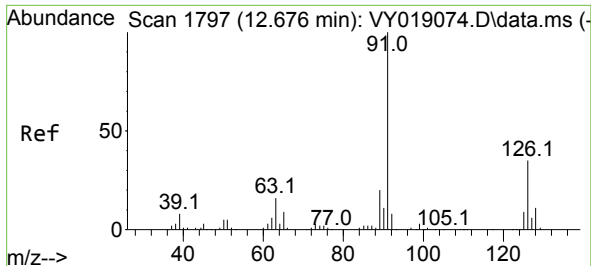
Tgt Ion: 91 Resp: 430996

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

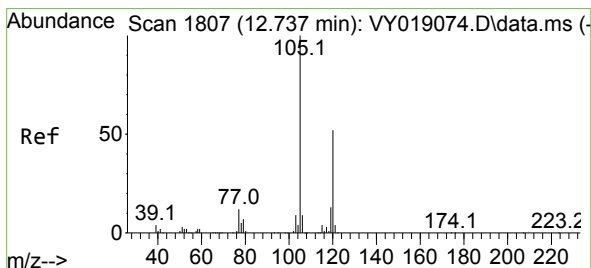
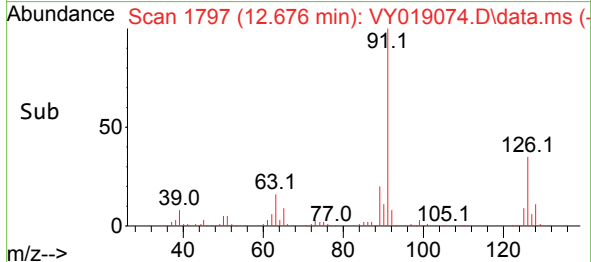
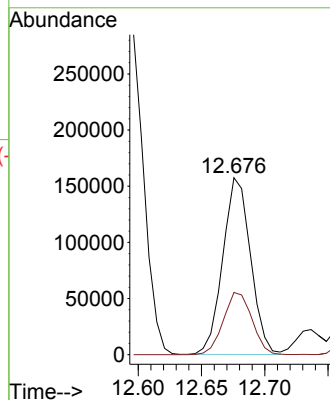
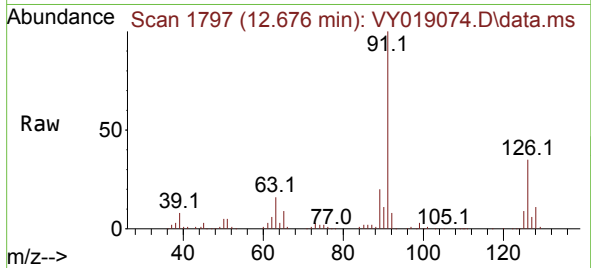




#79
2-Chlorotoluene
Concen: 50.031 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

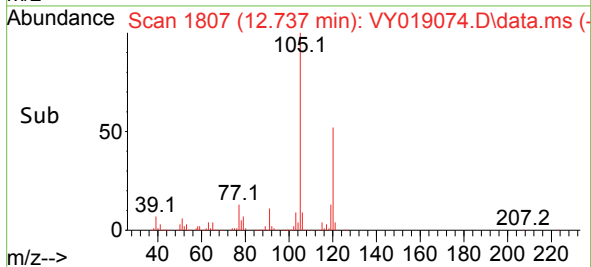
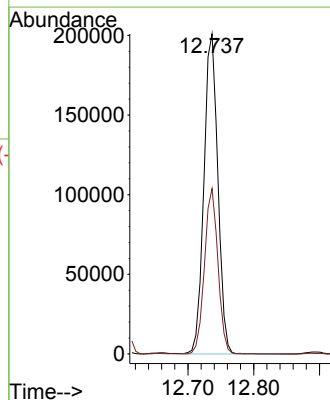
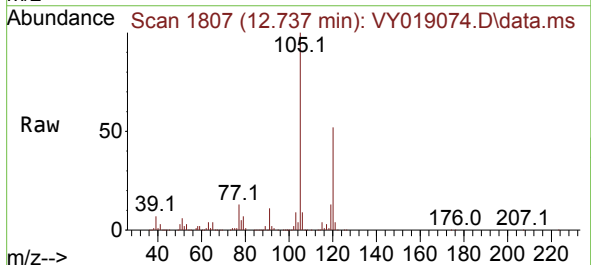
Instrument :
MSVOA_Y
ClientSampleId :

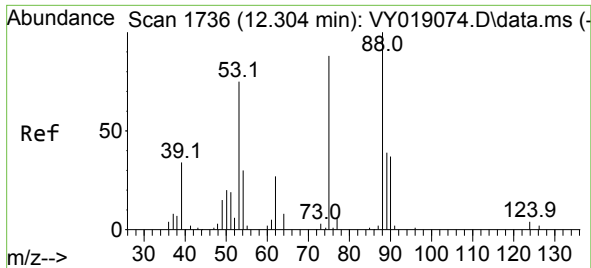
Tgt Ion: 91 Resp: 240856
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.573 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 105 Resp: 295936
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.2

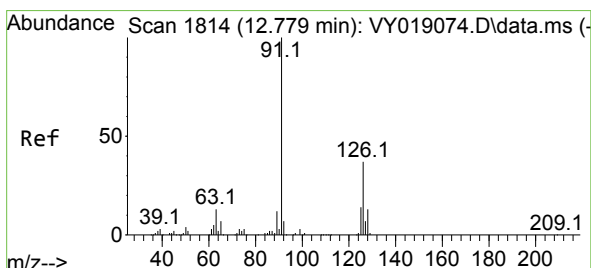
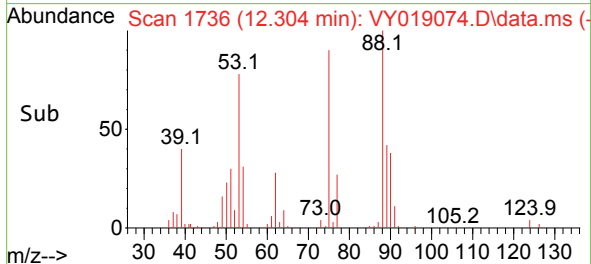
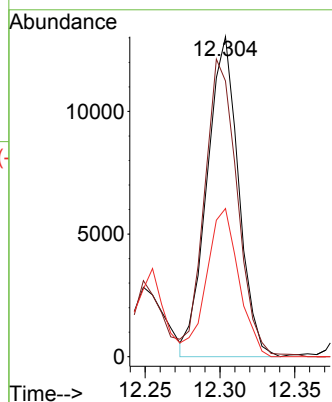
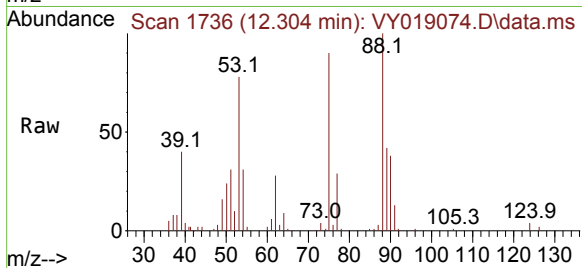




#81
trans-1,4-Dichloro-2-butene
Concen: 51.206 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

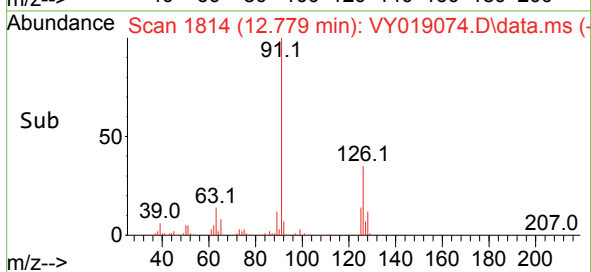
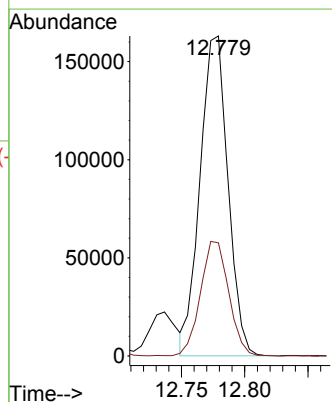
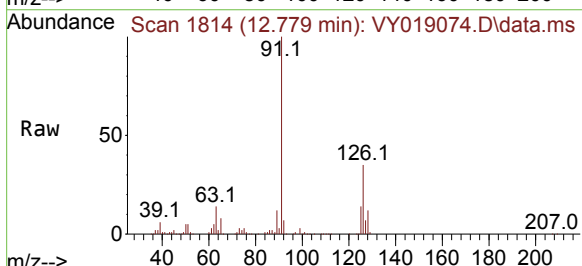
Instrument :
MSVOA_Y
ClientSampleId :

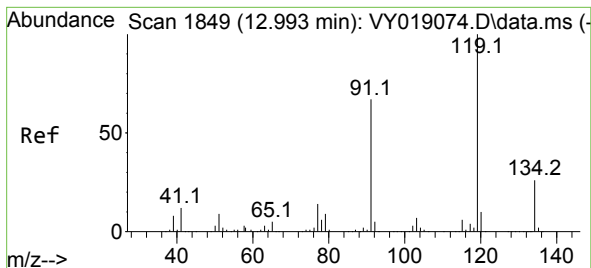
Tgt Ion:	75	Resp:	19163
Ion Ratio	Lower	Upper	
75	100		
53	96.3	66.8	100.2
89	47.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.983 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion:	91	Resp:	250346
Ion Ratio	Lower	Upper	
91	100		
126	36.5	17.6	52.9





#83

tert-Butylbenzene

Concen: 50.007 ug/l

RT: 12.993 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

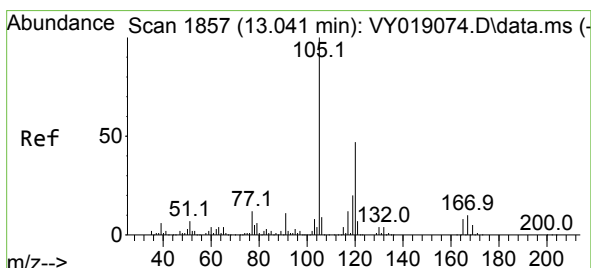
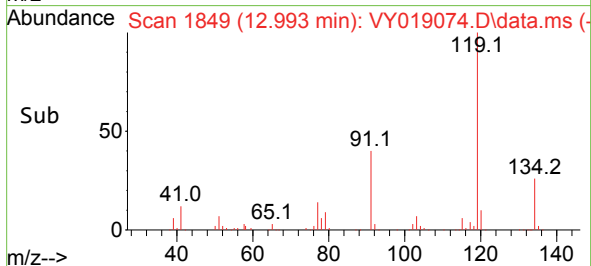
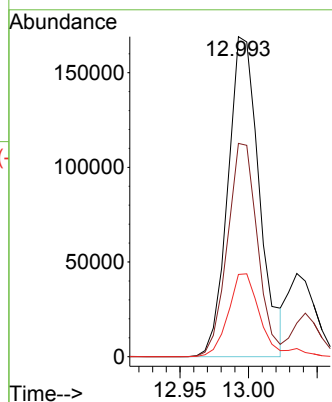
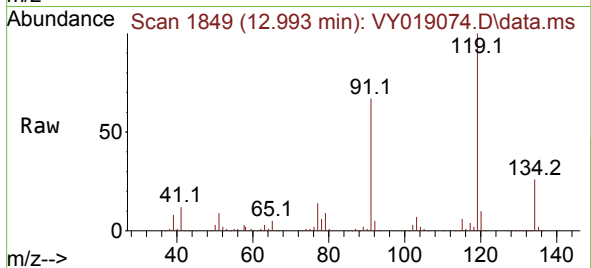
Tgt Ion:119 Resp: 270233

Ion Ratio Lower Upper

119 100

91 63.8 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.508 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019074.D

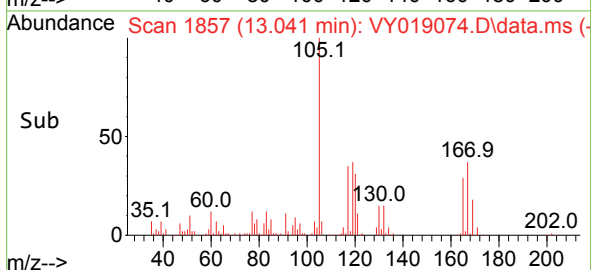
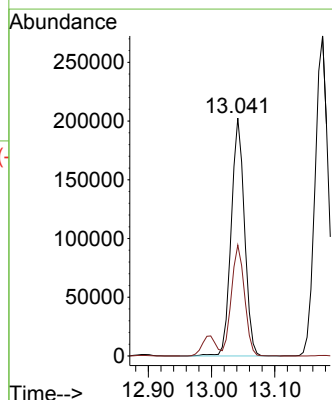
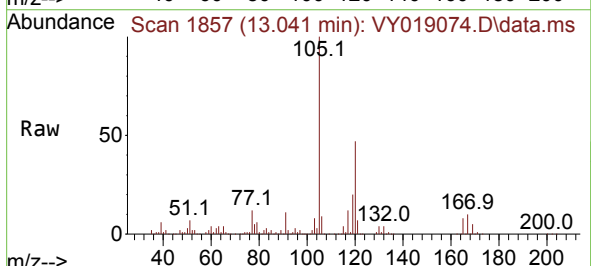
Acq: 15 Aug 2024 19:01

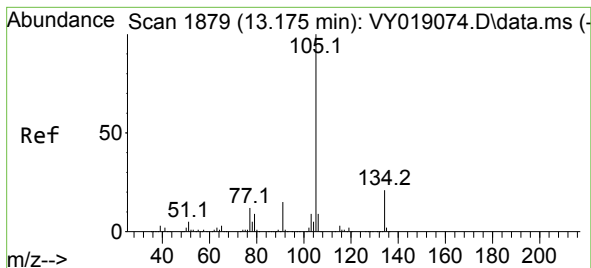
Tgt Ion:105 Resp: 294570

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.094 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

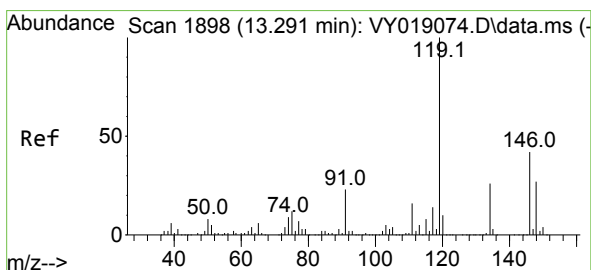
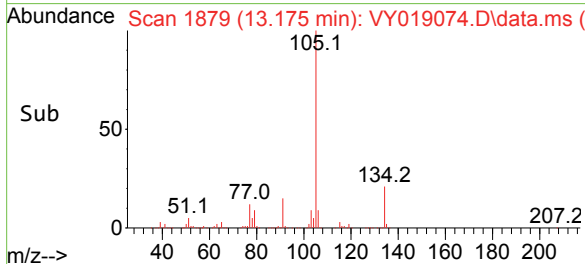
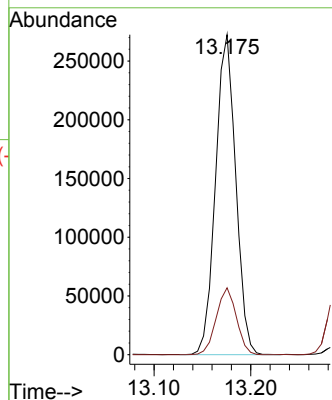
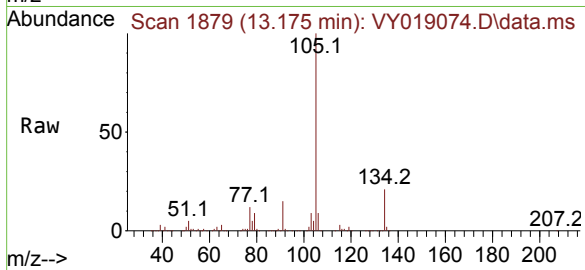
ClientSampleId :

Tgt Ion:105 Resp: 394484

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.903 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

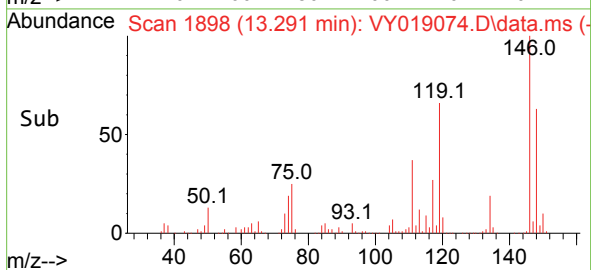
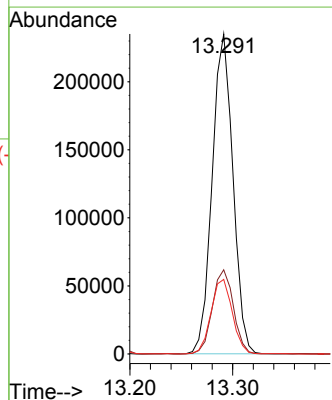
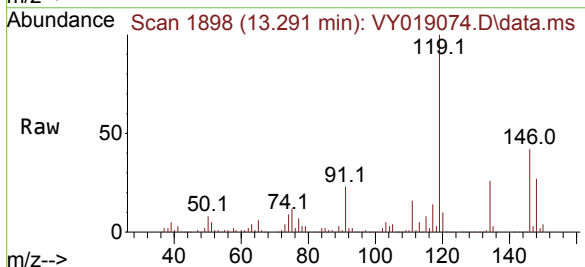
Tgt Ion:119 Resp: 329259

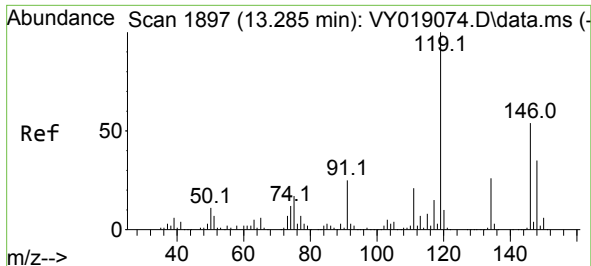
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.872 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

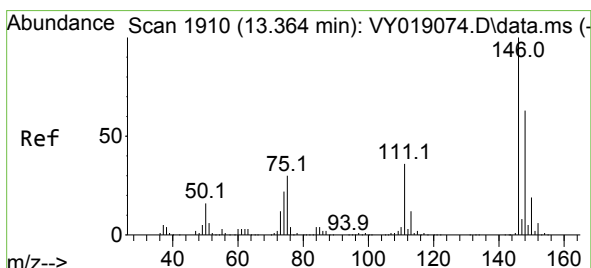
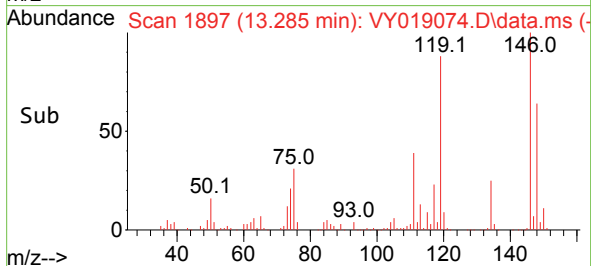
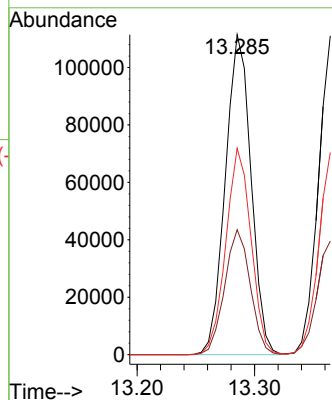
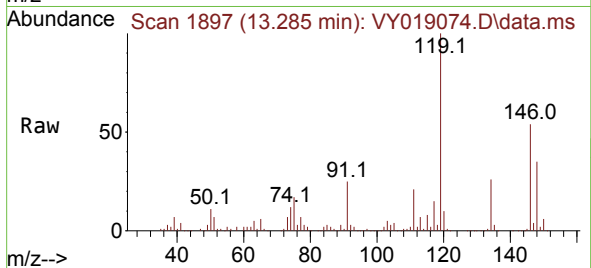
Tgt Ion:146 Resp: 169666

Ion Ratio Lower Upper

146 100

111 39.0 19.0 57.0

148 63.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.579 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

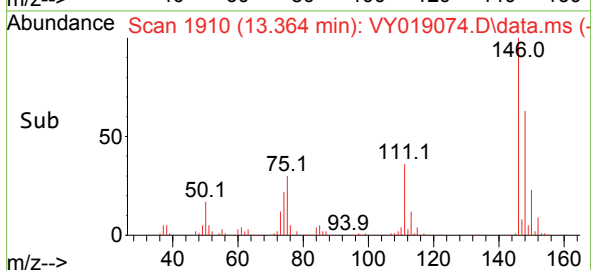
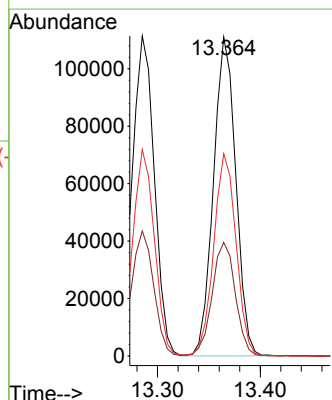
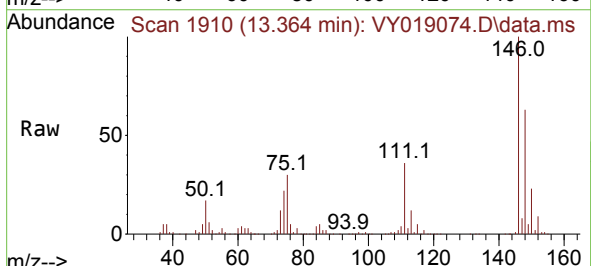
Tgt Ion:146 Resp: 167665

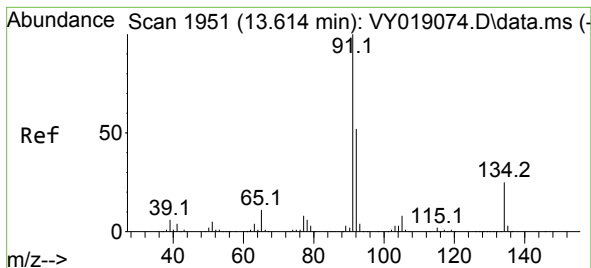
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 51.621 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

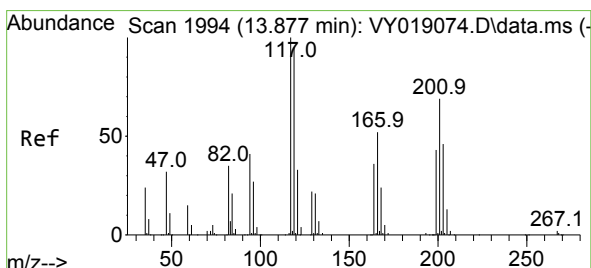
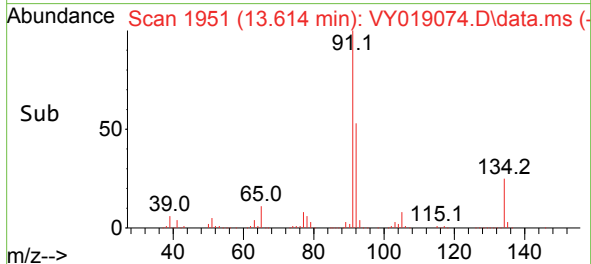
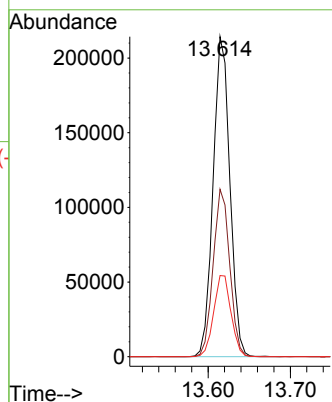
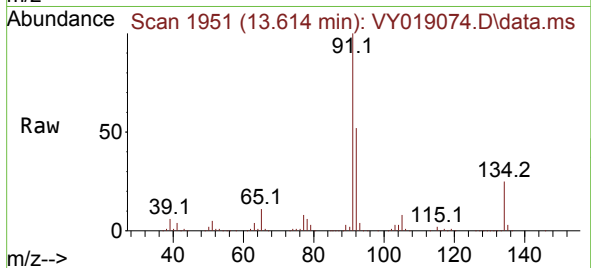
Tgt Ion: 91 Resp: 304427

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 51.147 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019074.D

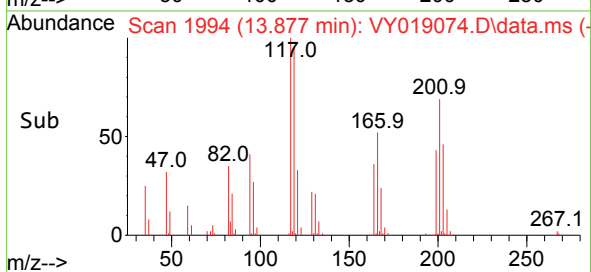
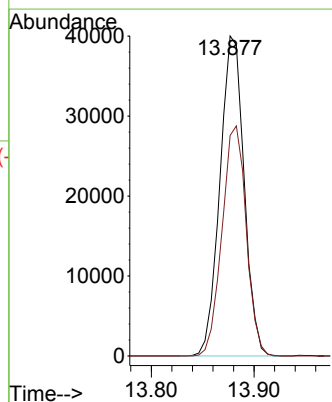
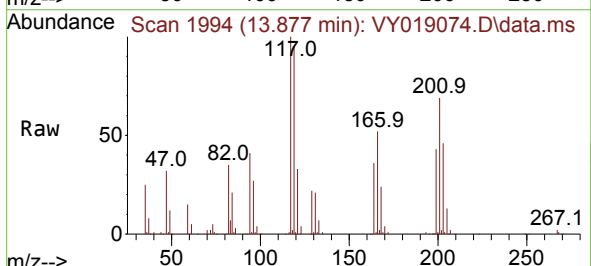
Acq: 15 Aug 2024 19:01

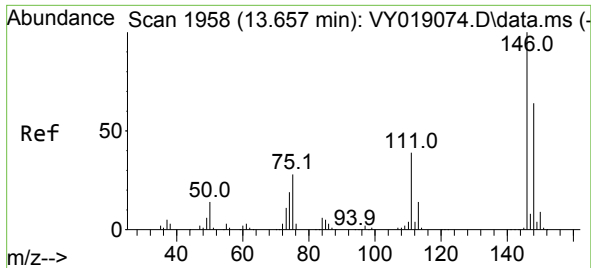
Tgt Ion: 117 Resp: 65210

Ion Ratio Lower Upper

117 100

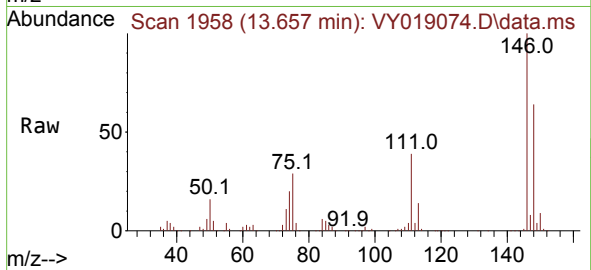
201 72.0 37.4 112.2



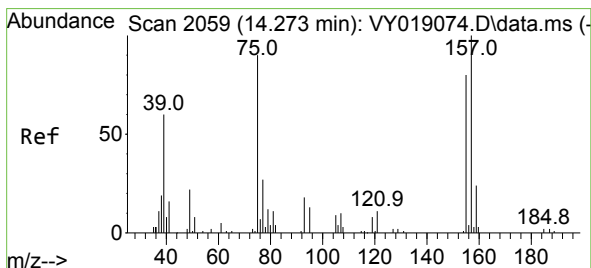
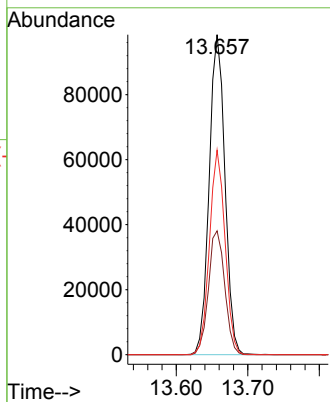
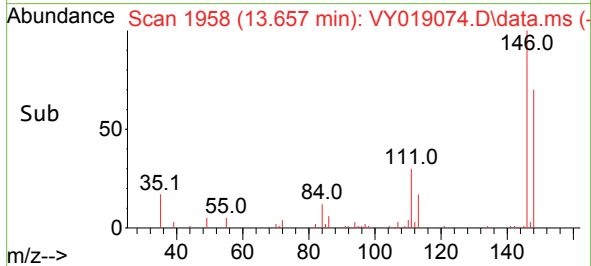


#91
1,2-Dichlorobenzene
Concen: 50.300 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

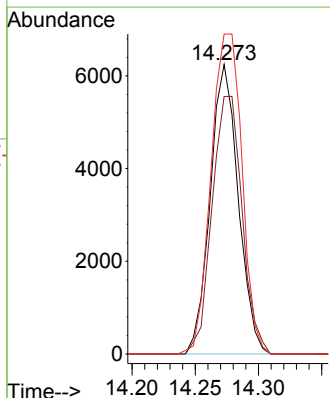
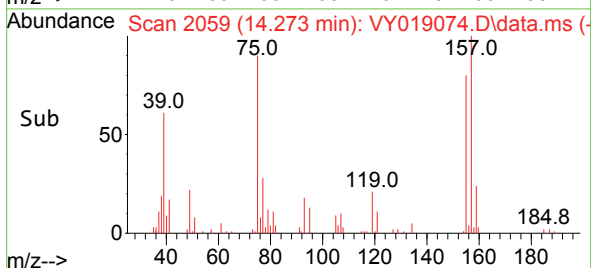
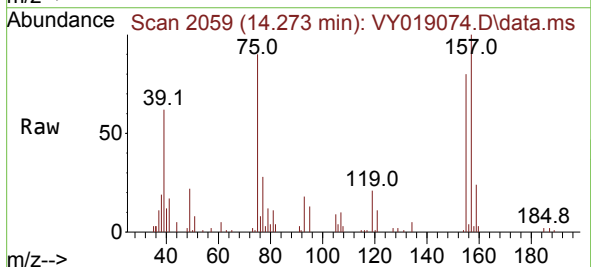


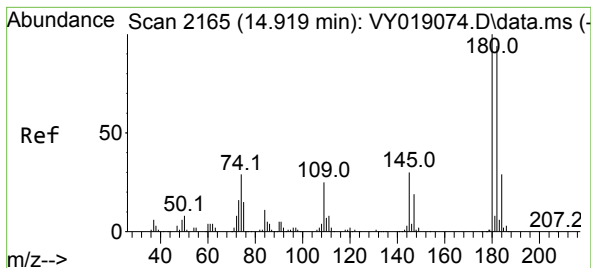
Tgt Ion:146 Resp: 150504
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 63.1 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.147 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019074.D
Acq: 15 Aug 2024 19:01

Tgt Ion: 75 Resp: 9622
Ion Ratio Lower Upper
75 100
155 95.2 48.6 145.8
157 121.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.765 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

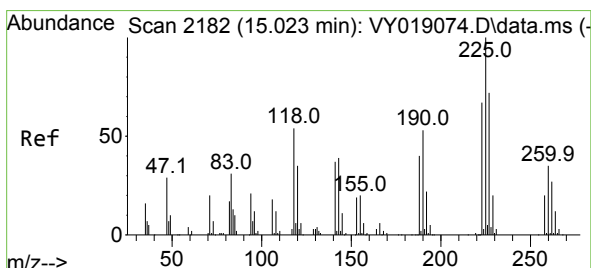
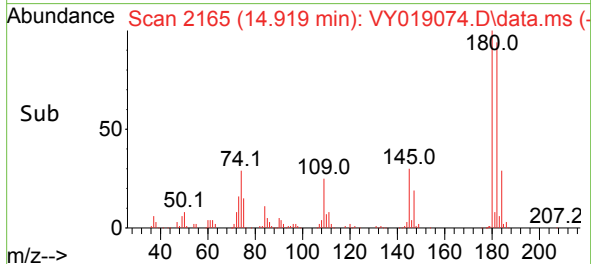
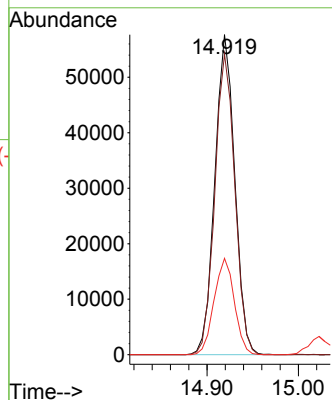
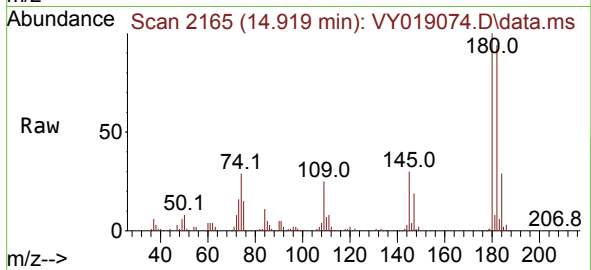
Tgt Ion:180 Resp: 87347

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.921 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

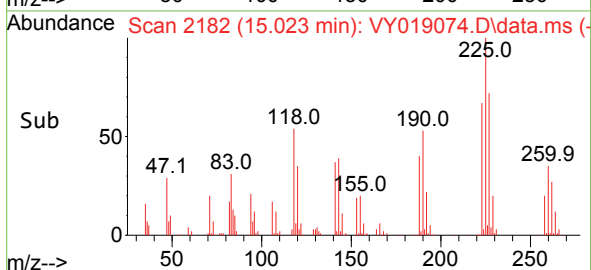
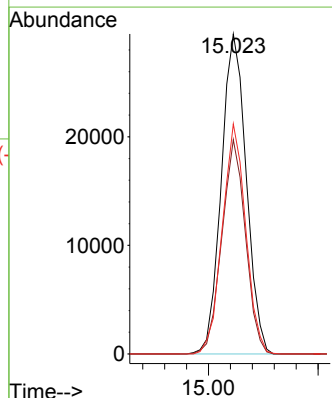
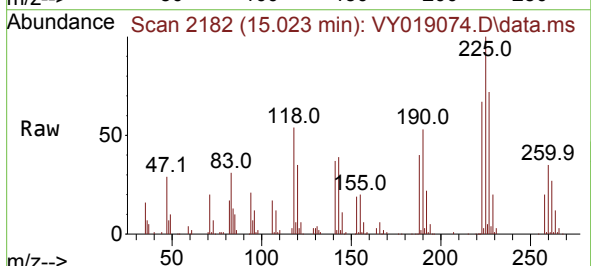
Tgt Ion:225 Resp: 46512

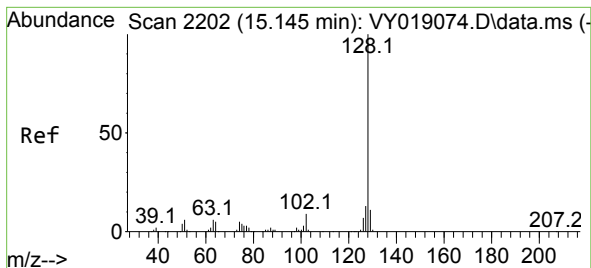
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 67.5 31.9 95.9





#95

Naphthalene

Concen: 55.903 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

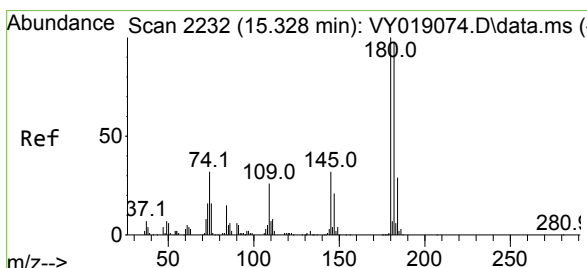
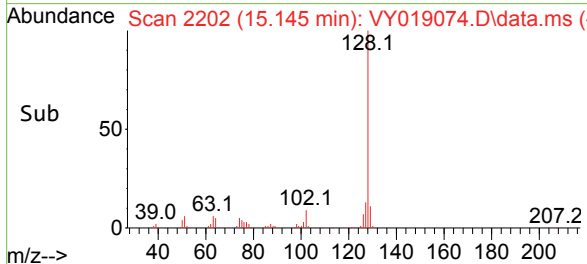
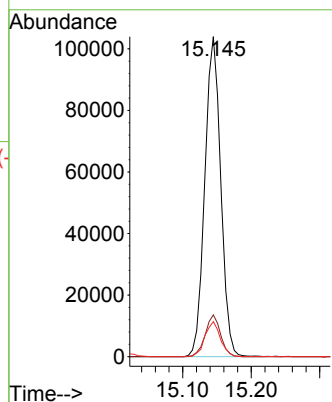
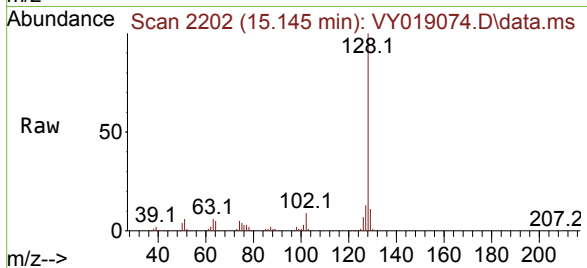
Tgt Ion:128 Resp: 168350

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.603 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019074.D

Acq: 15 Aug 2024 19:01

Tgt Ion:180 Resp: 76286

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.9

145 32.0 15.4 46.1

