

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019075.D
 Acq On : 15 Aug 2024 19:26
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:59:29 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	138101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	217485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	186224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	97332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	131744	95.166	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.340%#	
35) Dibromofluoromethane	7.622	113	139009	97.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 195.500%#	
50) Toluene-d8	10.097	98	501217	97.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 195.880%#	
62) 4-Bromofluorobenzene	12.402	95	168343	96.498	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 193.000%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	95861	94.610	ug/l	94
3) Chloromethane	2.062	50	165043	90.370	ug/l	97
4) Vinyl Chloride	2.196	62	201862	89.482	ug/l	99
5) Bromomethane	2.580	94	136164	105.407	ug/l	99
6) Chloroethane	2.720	64	130307	101.290	ug/l	98
7) Trichlorofluoromethane	3.043	101	315533	92.514	ug/l	97
8) Diethyl Ether	3.446	74	68873	93.554	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	139142	91.767	ug/l	98
10) Methyl Iodide	3.988	142	159310	107.193	ug/l	94
11) Tert butyl alcohol	4.842	59	53290	491.855	ug/l #	80
12) 1,1-Dichloroethene	3.775	96	130899	95.022	ug/l	98
13) Acrolein	3.641	56	51107	512.223	ug/l	99
14) Allyl chloride	4.366	41	179178	97.830	ug/l	92
15) Acrylonitrile	5.031	53	147055	488.188	ug/l	99
16) Acetone	3.854	43	120062	467.654	ug/l	91
17) Carbon Disulfide	4.092	76	375065	96.530	ug/l	99
18) Methyl Acetate	4.366	43	75283	95.544	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	334593	100.185	ug/l	99
20) Methylene Chloride	4.598	84	147802	103.679	ug/l	93
21) trans-1,2-Dichloroethene	5.098	96	149981	97.452	ug/l	97
22) Diisopropyl ether	6.006	45	411609	98.170	ug/l	95
23) Vinyl Acetate	5.945	43	1699539	511.986	ug/l	98
24) 1,1-Dichloroethane	5.897	63	244557	95.377	ug/l	99
25) 2-Butanone	6.872	43	198442	479.954	ug/l	95
26) 2,2-Dichloropropane	6.872	77	201225	96.912	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	176585	97.497	ug/l	99
28) Bromochloromethane	7.226	49	100843	93.756	ug/l	100
29) Tetrahydrofuran	7.238	42	129393	486.837	ug/l	94
30) Chloroform	7.402	83	275844	96.545	ug/l	100
31) Cyclohexane	7.689	56	199014	105.228	ug/l	98
32) 1,1,1-Trichloroethane	7.604	97	250033	99.578	ug/l	98
36) 1,1-Dichloropropene	7.823	75	190254	97.430	ug/l	99
37) Ethyl Acetate	6.963	43	90918	105.089	ug/l	97
38) Carbon Tetrachloride	7.805	117	228772	101.092	ug/l	99
39) Methylcyclohexane	9.097	83	249269	99.473	ug/l	97
40) Benzene	8.067	78	585143	97.705	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	43811	97.936	ug/l	97
42) 1,2-Dichloroethane	8.146	62	159836	98.832	ug/l	97
43) Isopropyl Acetate	8.183	43	177549	101.475	ug/l #	82
44) Trichloroethene	8.853	130	161783	96.814	ug/l	97
45) 1,2-Dichloropropane	9.134	63	128556	96.344	ug/l	96
46) Dibromomethane	9.219	93	86420	99.856	ug/l	98
47) Bromodichloromethane	9.414	83	211709	99.708	ug/l	98
48) Methyl methacrylate	9.213	41	83008	106.452	ug/l #	86
49) 1,4-Dioxane	9.213	88	21365	2037.919	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	477113	513.768	ug/l	94
52) Toluene	10.164	92	393934	100.206	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	187770	106.607	ug/l	99
54) cis-1,3-Dichloropropene	9.847	75	216850	102.373	ug/l #	90
55) 1,1,2-Trichloroethane	10.567	97	112913	101.347	ug/l	95
56) Ethyl methacrylate	10.432	69	156451	107.284	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	180414	99.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.701	63	362698	524.275	ug/l	96
59) 2-Hexanone	10.756	43	332380	520.968	ug/l	93
60) Dibromochloromethane	10.908	129	156015	102.814	ug/l	99
61) 1,2-Dibromoethane	11.012	107	109497	101.684	ug/l	98
64) Tetrachloroethene	10.640	164	162117	99.596	ug/l	96
65) Chlorobenzene	11.438	112	427660	99.733	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	151755	100.636	ug/l	98
67) Ethyl Benzene	11.518	91	743834	99.943	ug/l	96
68) m/p-Xylenes	11.627	106	593903	201.108	ug/l	99
69) o-Xylene	11.950	106	278586	101.869	ug/l	100
70) Styrene	11.969	104	494829	106.106	ug/l	98
71) Bromoform	12.127	173	91352	105.975	ug/l #	97
73) Isopropylbenzene	12.255	105	732225	98.153	ug/l	99
74) N-amyl acetate	12.066	43	161654	99.375	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	121783	91.697	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	154840	167.490	ug/l #	100
77) Bromobenzene	12.530	156	174150	97.204	ug/l	95
78) n-propylbenzene	12.591	91	870578	97.620	ug/l	99
79) 2-Chlorotoluene	12.676	91	488757	97.756	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	607856	100.020	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38596	99.304	ug/l	89
82) 4-Chlorotoluene	12.773	91	519527	99.876	ug/l	99
83) tert-Butylbenzene	12.999	119	575111	102.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	619185	102.226	ug/l	100
85) sec-Butylbenzene	13.176	105	832954	101.845	ug/l	99
86) p-Isopropyltoluene	13.292	119	701773	104.464	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	360663	102.077	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	338741	96.447	ug/l	99
89) n-Butylbenzene	13.615	91	613221	100.122	ug/l	99
90) Hexachloroethane	13.877	117	134668	101.704	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	301659	97.075	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19888	101.793	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	183172	104.524	ug/l	98
94) Hexachlorobutadiene	15.023	225	94484	103.511	ug/l	98
95) Naphthalene	15.145	128	353032	112.877	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	158794	107.435	ug/l	99

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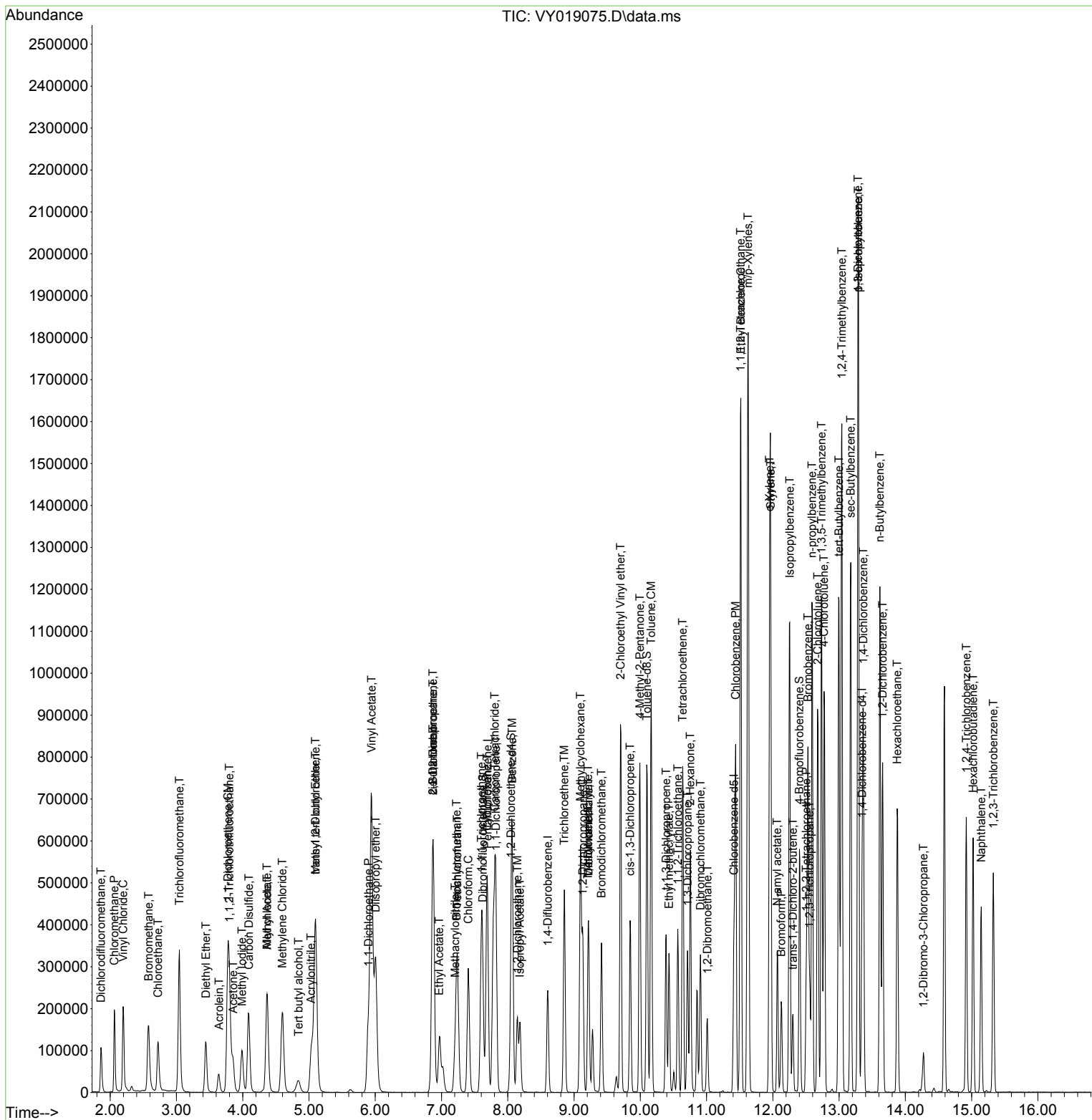
Instrument :
MSVOA_Y
ClientSampleId :

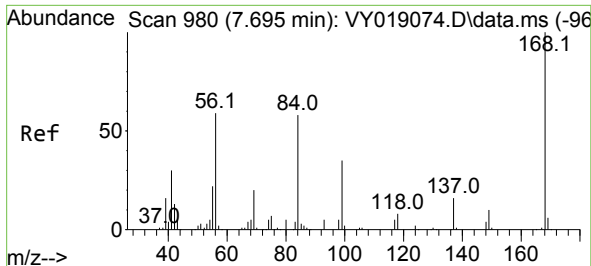
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

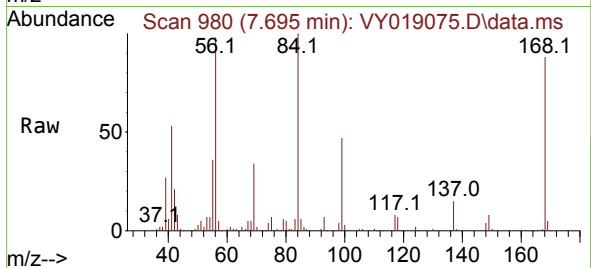
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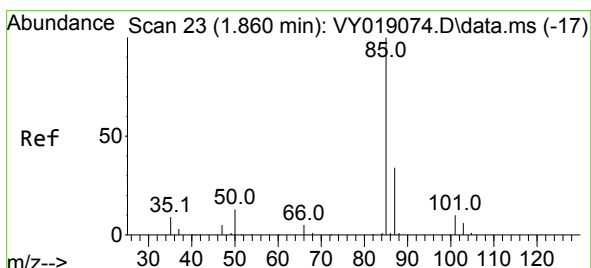
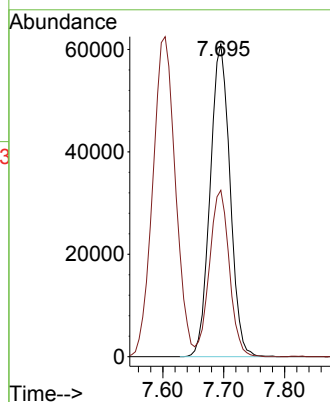
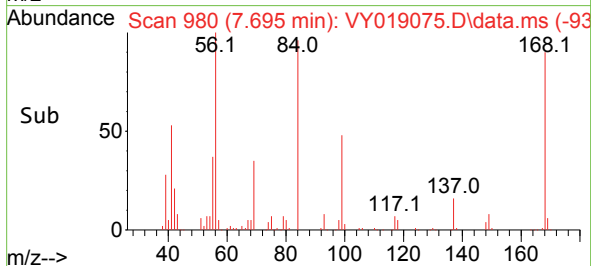


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
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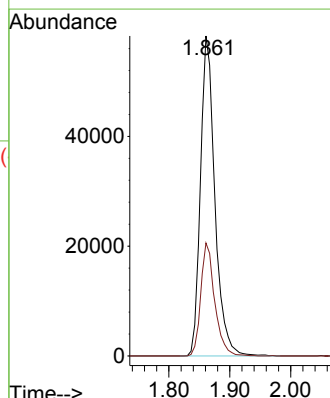
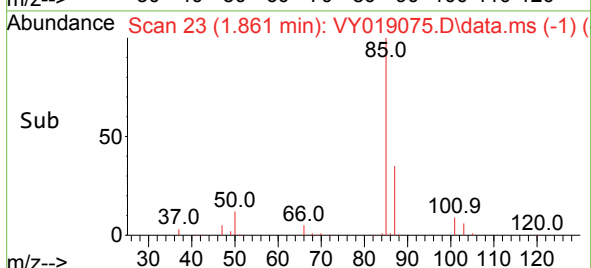
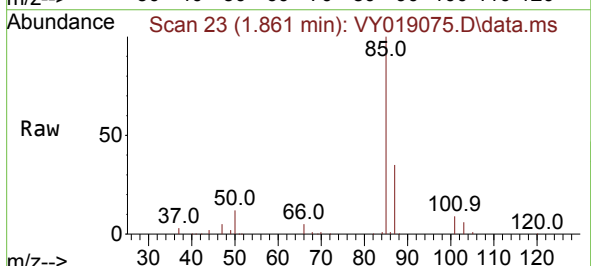


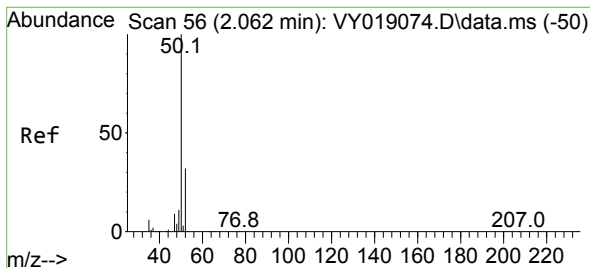
Tgt Ion:168 Resp: 138101
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 94.610 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 85 Resp: 95861
Ion Ratio Lower Upper
85 100
87 35.3 16.0 48.0





#3

Chloromethane

Concen: 90.370 ug/l

RT: 2.062 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

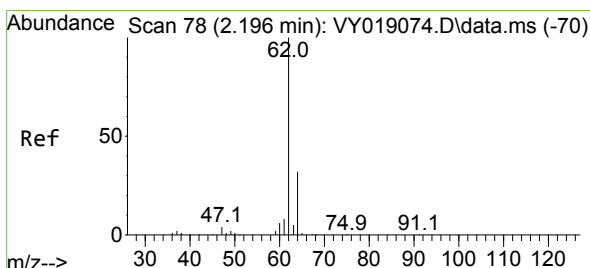
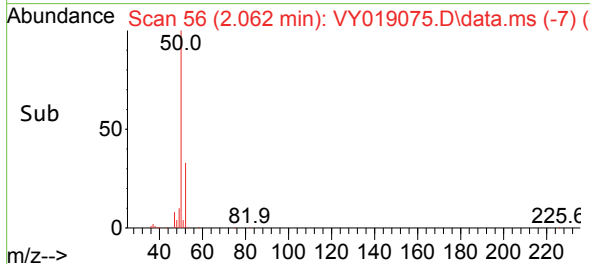
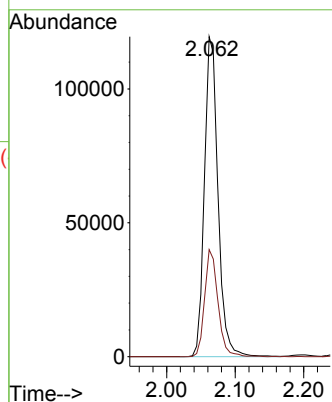
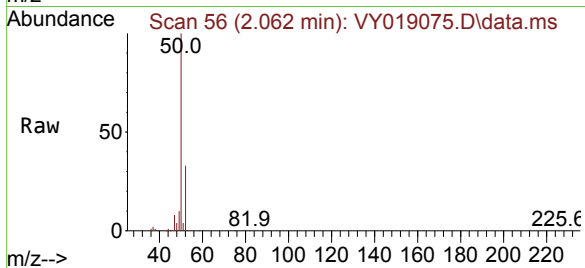
ClientSampleId :

Tgt Ion: 50 Resp: 165043

Ion Ratio Lower Upper

50 100

52 33.4 25.6 38.4



#4

Vinyl Chloride

Concen: 89.482 ug/l

RT: 2.196 min Scan# 78

Delta R.T. 0.000 min

Lab File: VY019075.D

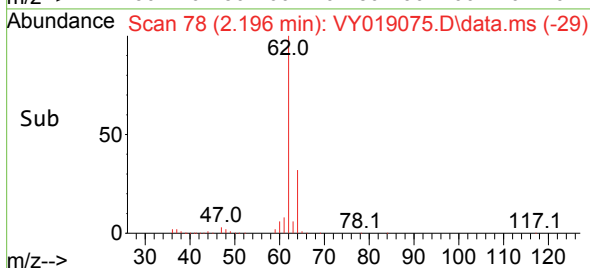
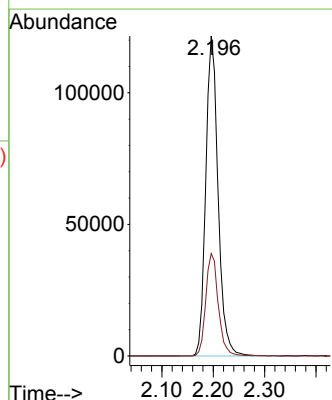
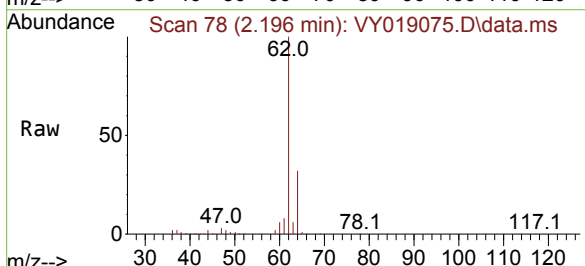
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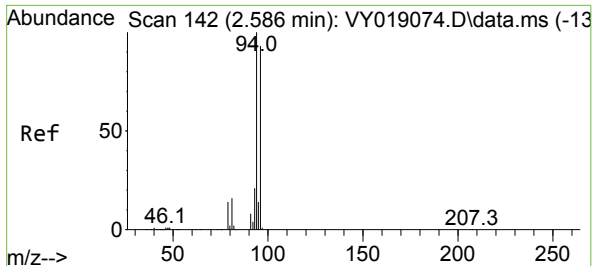
Tgt Ion: 62 Resp: 201862

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1

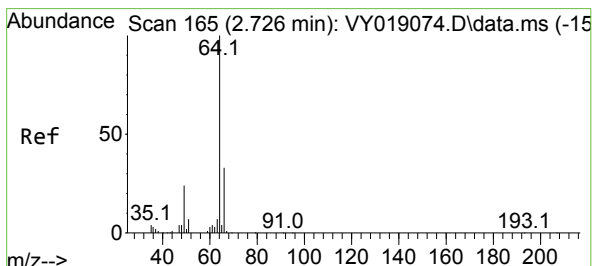
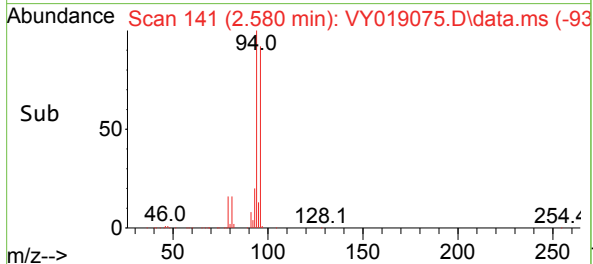
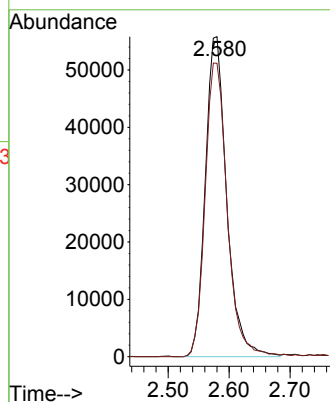
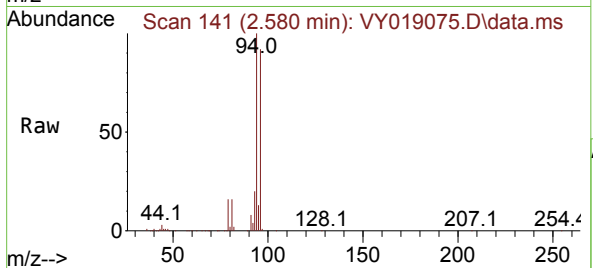




#5
Bromomethane
Concen: 105.407 ug/l
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

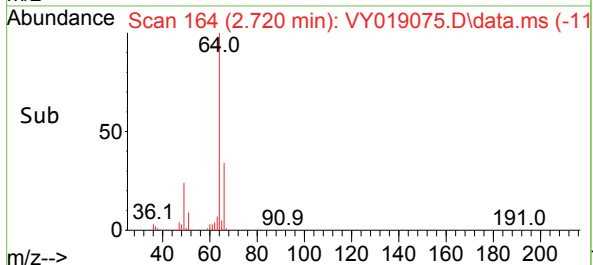
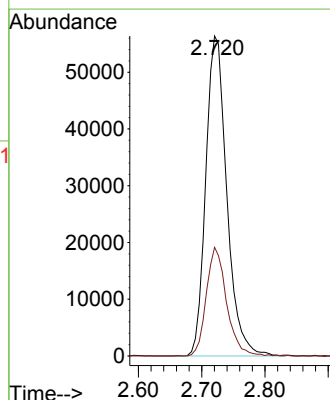
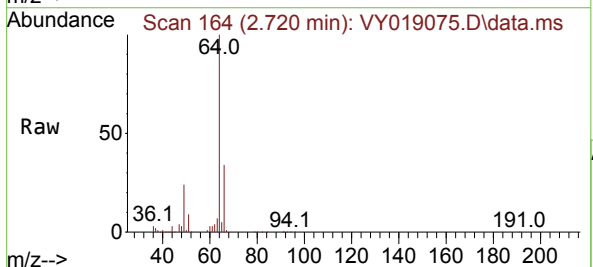
Instrument :
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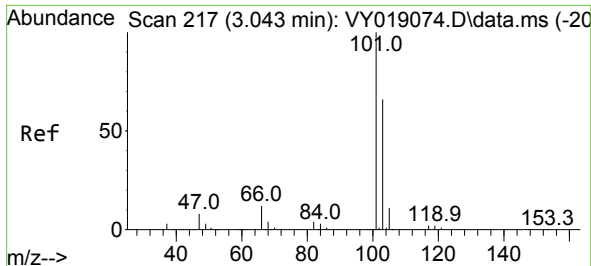
Tgt Ion: 94 Resp: 136164
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 101.290 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

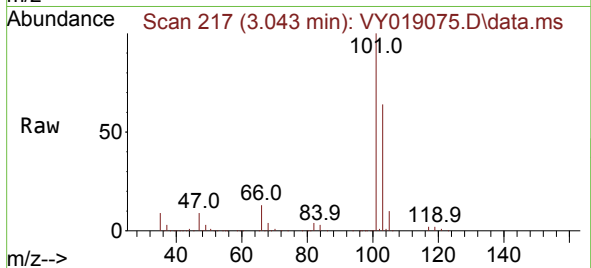
Tgt Ion: 64 Resp: 130307
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1



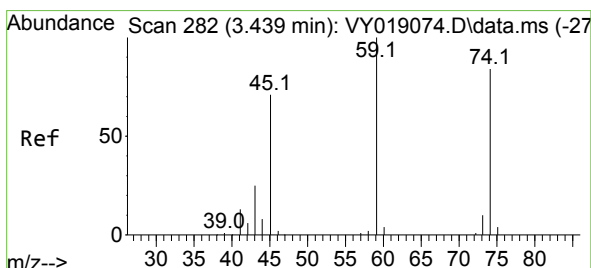
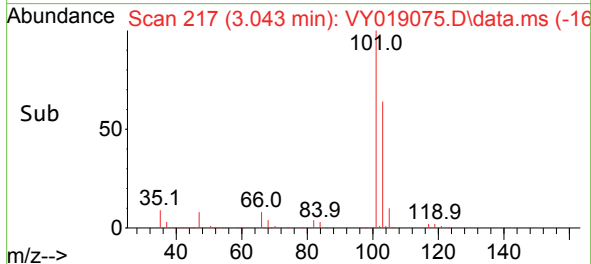
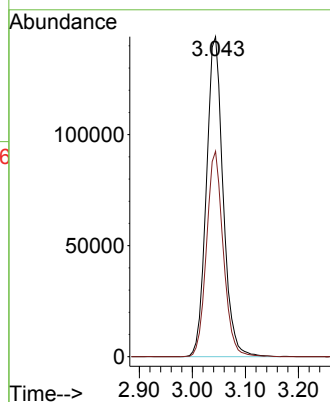


#7
 Trichlorofluoromethane
 Concen: 92.514 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

Instrument :
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 ClientSampleId :

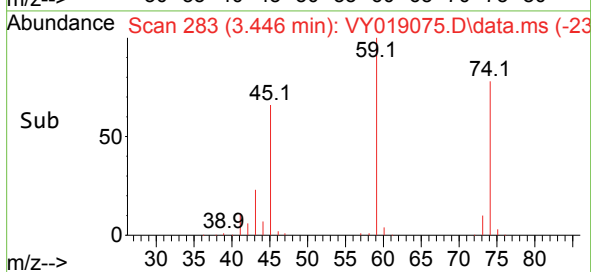
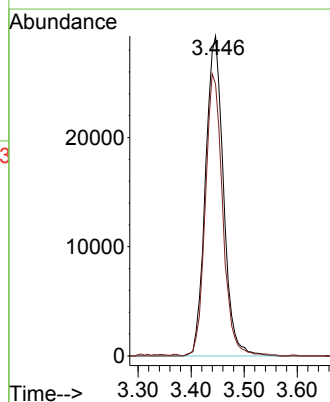
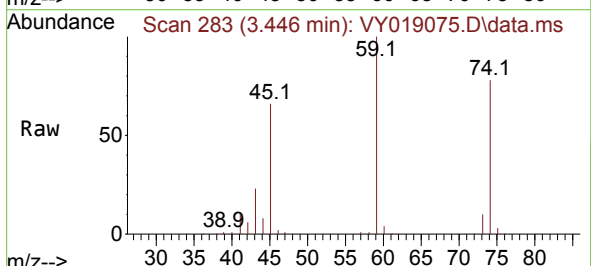


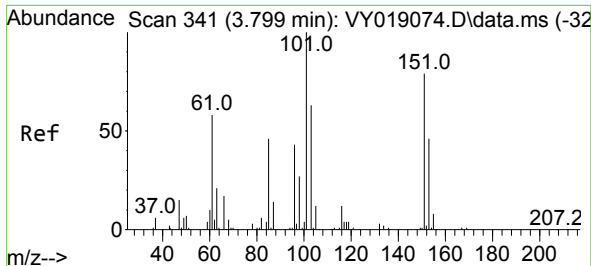
Tgt Ion:101 Resp: 315533
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 93.554 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019075.D
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Tgt Ion: 74 Resp: 68873
 Ion Ratio Lower Upper
 74 100
 45 85.4 41.3 124.1

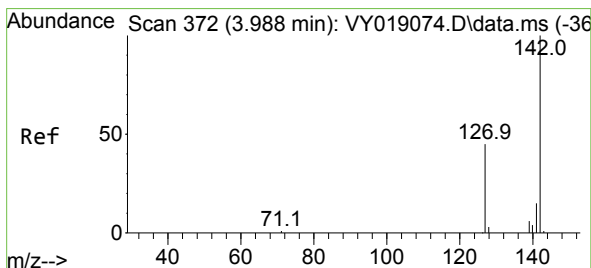
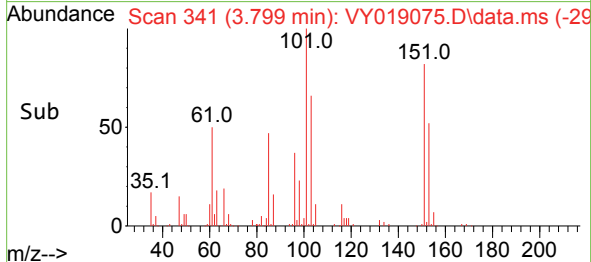
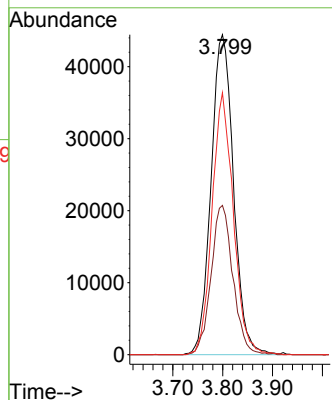
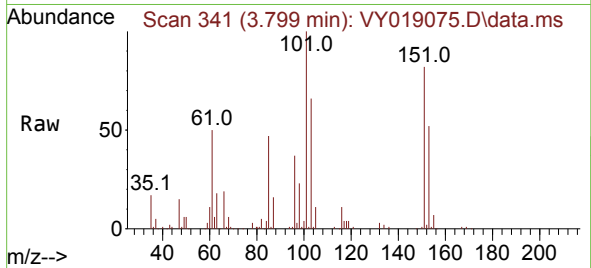




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.767 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

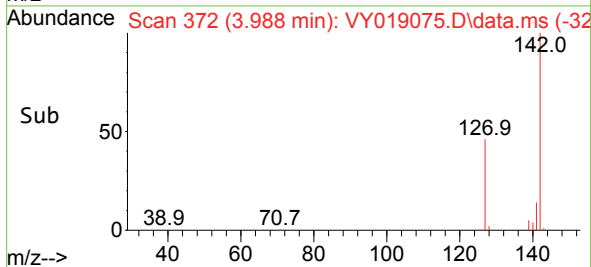
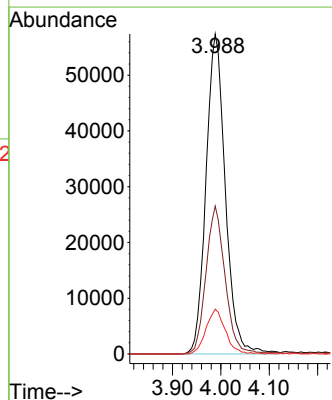
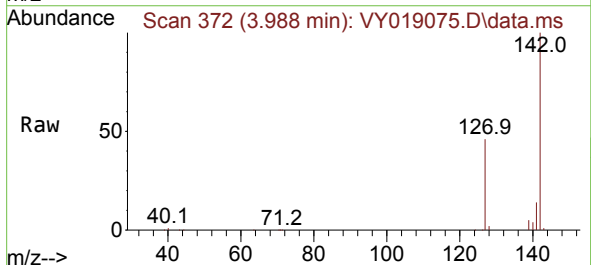
Instrument :
MSVOA_Y
ClientSampleId :

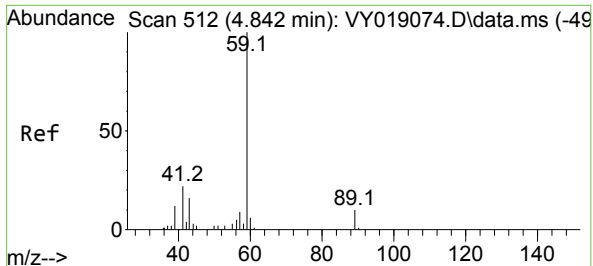
Tgt Ion:101 Resp: 139142
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 77.7 61.7 92.5



#10
Methyl Iodide
Concen: 107.193 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion:142 Resp: 159310
Ion Ratio Lower Upper
142 100
127 45.7 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 491.855 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

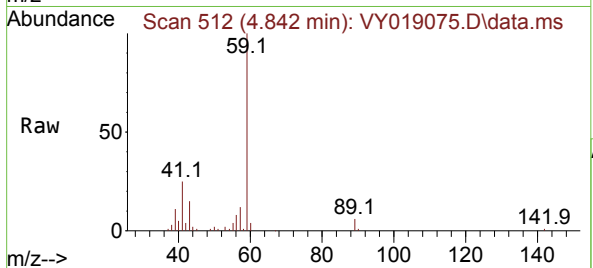
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

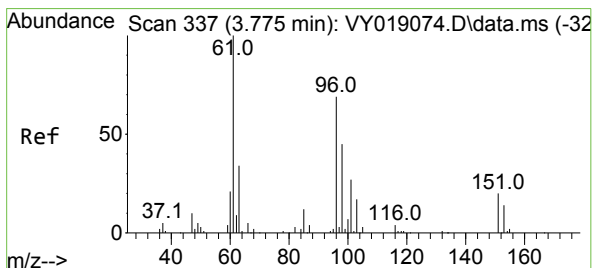
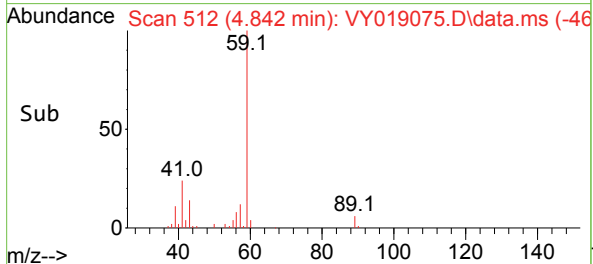
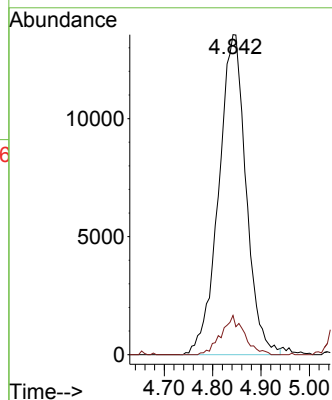


Tgt Ion: 59 Resp: 53290

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 95.022 ug/l

RT: 3.775 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

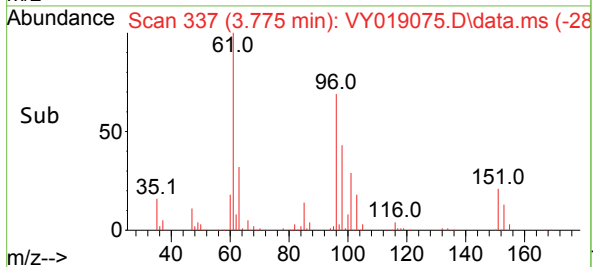
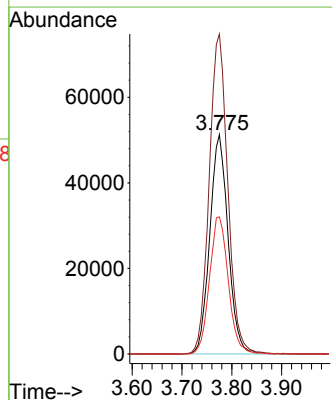
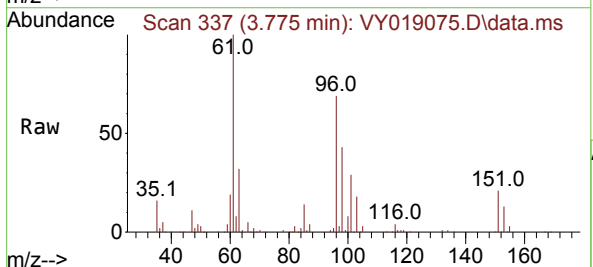
Tgt Ion: 96 Resp: 130899

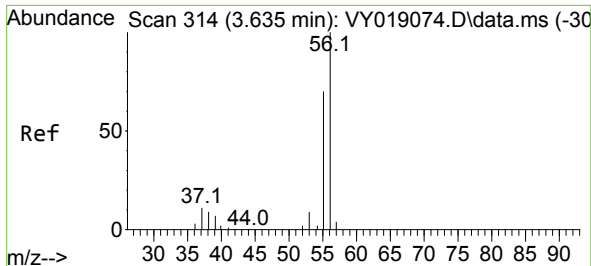
Ion Ratio Lower Upper

96 100

61 145.9 114.6 171.8

98 62.5 50.8 76.2





#13

Acrolein

Concen: 512.223 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

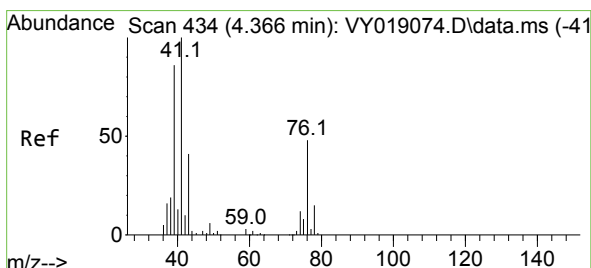
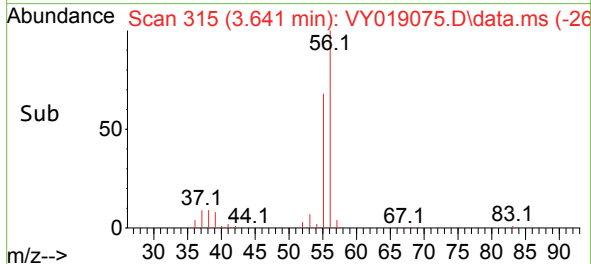
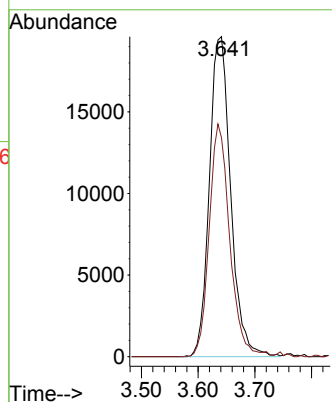
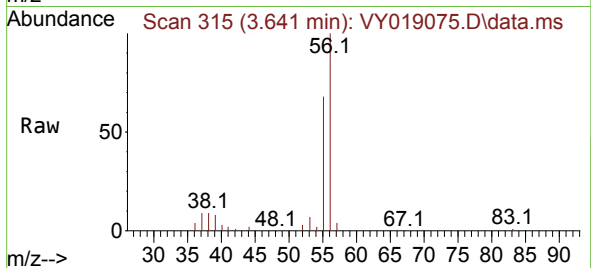
ClientSampleId :

Tgt Ion: 56 Resp: 51107

Ion Ratio Lower Upper

56 100

55 70.1 55.7 83.5



#14

Allyl chloride

Concen: 97.830 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

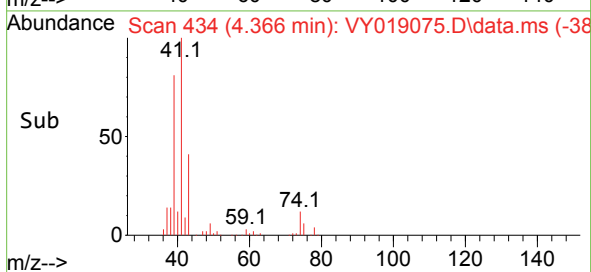
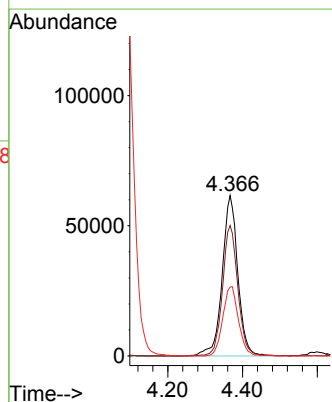
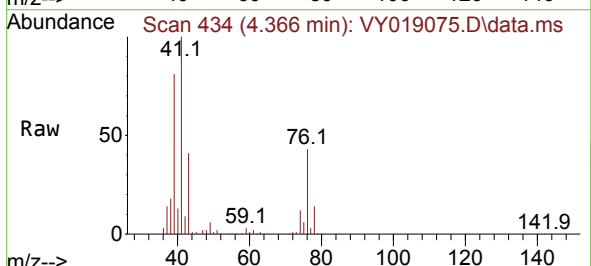
Tgt Ion: 41 Resp: 179178

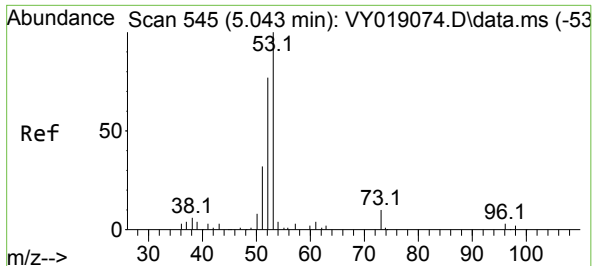
Ion Ratio Lower Upper

41 100

39 79.7 58.3 87.5

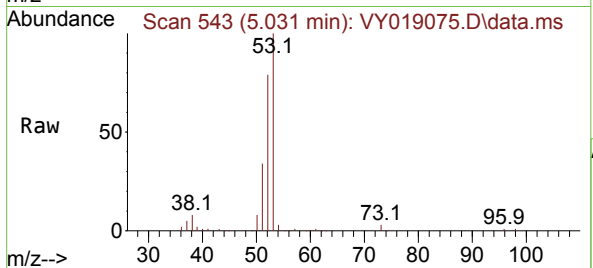
76 43.4 39.0 58.6



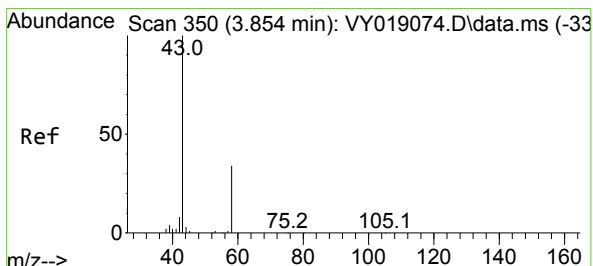
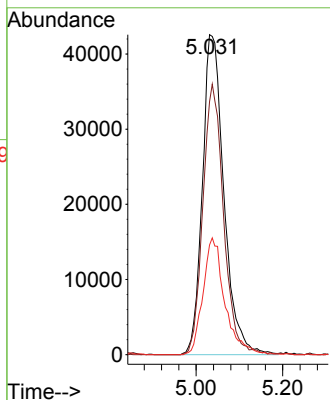
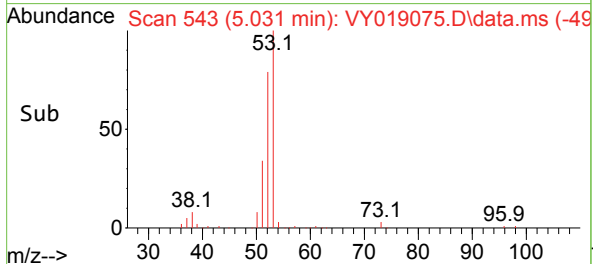


#15
Acrylonitrile
Concen: 488.188 ug/l
RT: 5.031 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :

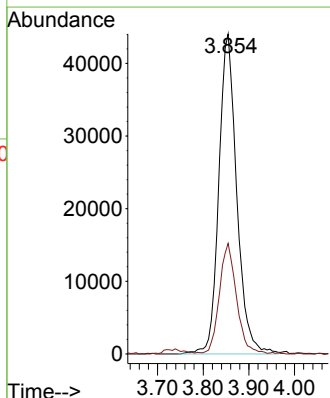
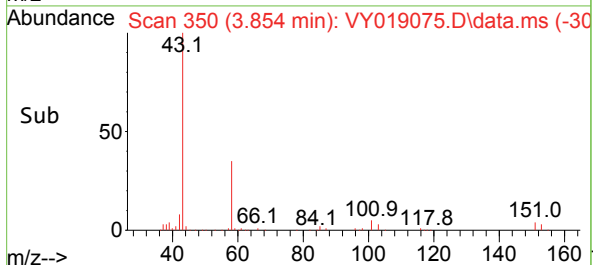
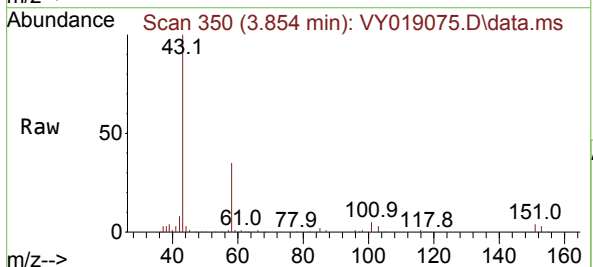


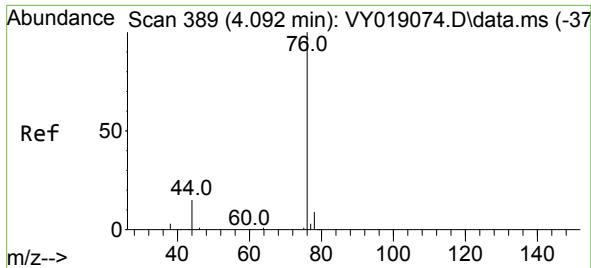
Tgt Ion: 53 Resp: 147055
Ion Ratio Lower Upper
53 100
52 81.2 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 467.654 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 43 Resp: 120062
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5

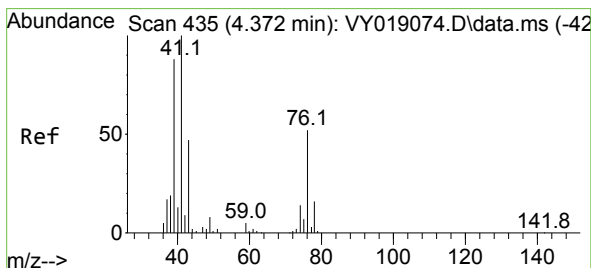
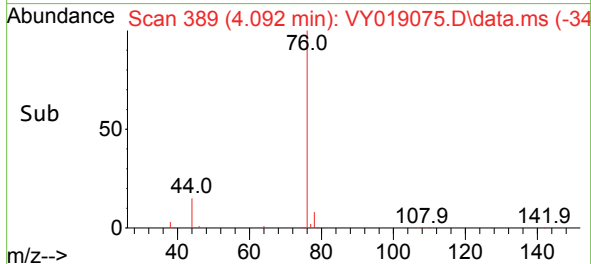
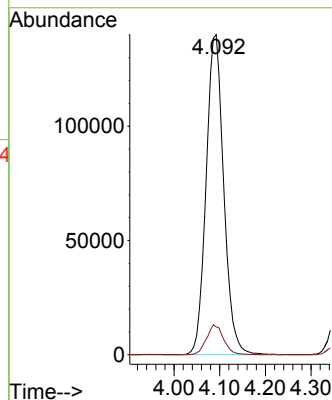
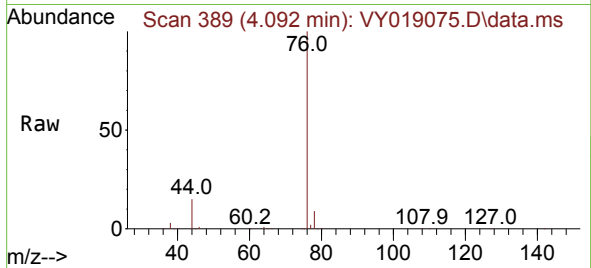




#17
Carbon Disulfide
Concen: 96.530 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

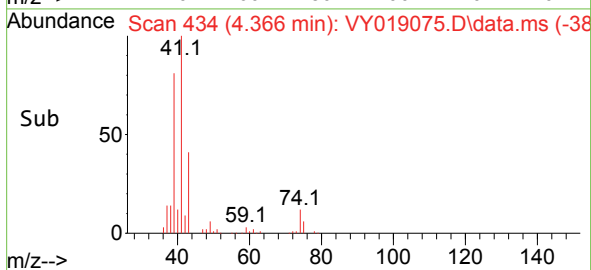
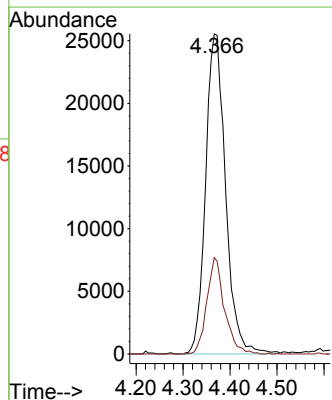
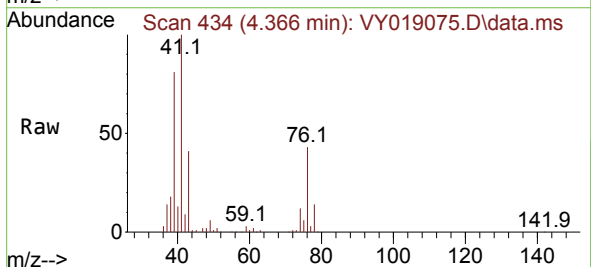
Instrument :
MSVOA_Y
ClientSampleId :

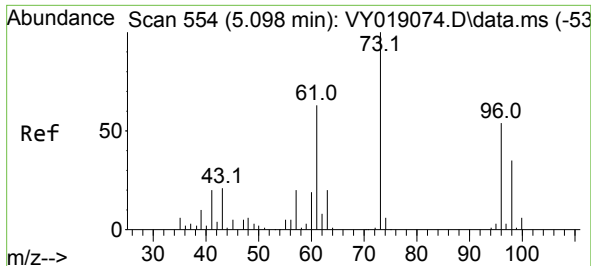
Tgt Ion: 76 Resp: 375065
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 95.544 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 43 Resp: 75283
Ion Ratio Lower Upper
43 100
74 26.6 23.3 34.9

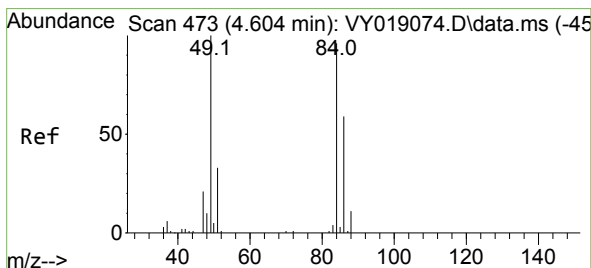
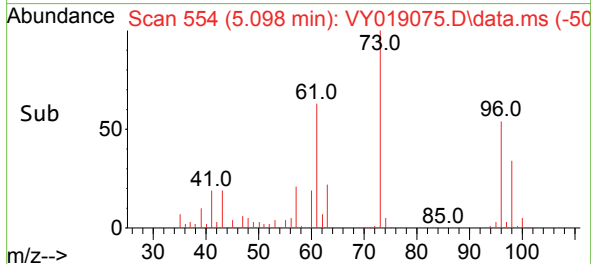
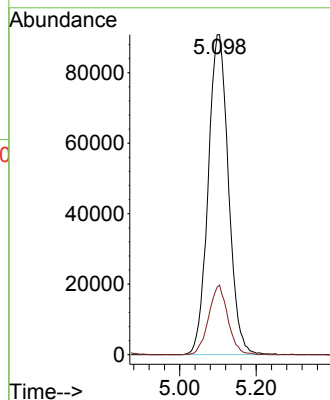
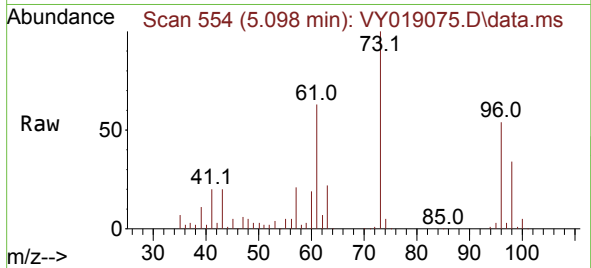




#19
Methyl tert-butyl Ether
Concen: 100.185 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

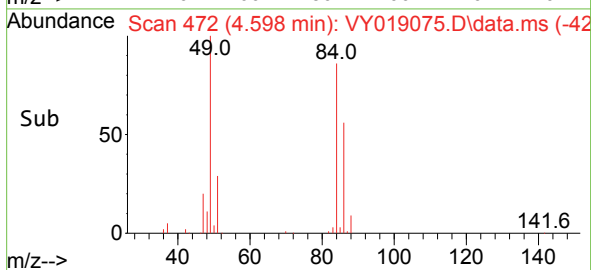
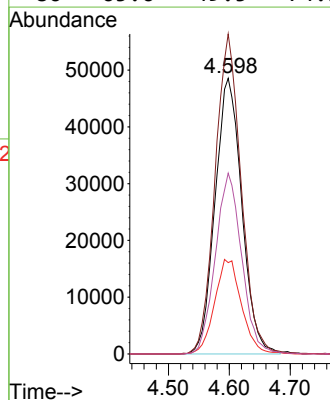
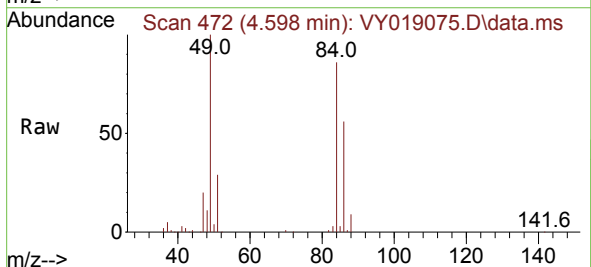
Instrument :
MSVOA_Y
ClientSampleId :

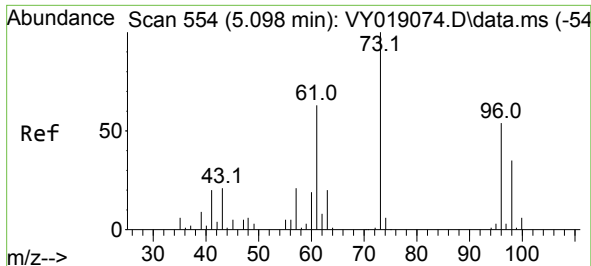
Tgt Ion: 73 Resp: 334593
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 103.679 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 84 Resp: 147802
Ion Ratio Lower Upper
84 100
49 116.1 84.4 126.6
51 33.2 26.0 39.0
86 65.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 97.452 ug/l

RT: 5.098 min Scan# 51

Delta R.T. -0.000 min

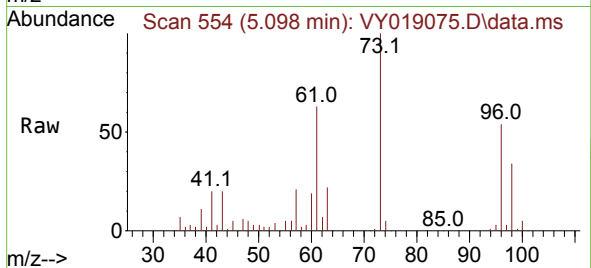
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :



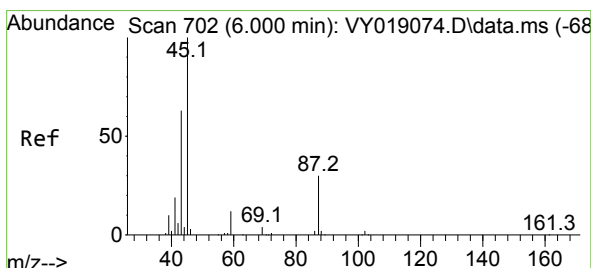
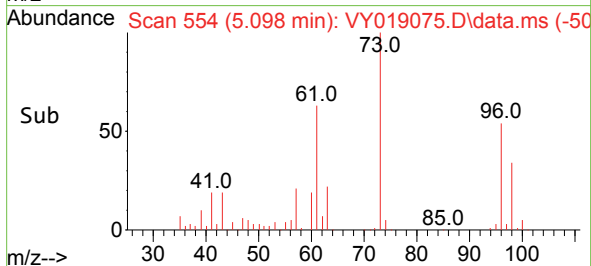
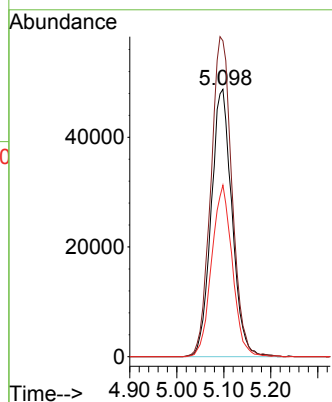
Tgt Ion: 96 Resp: 149981

Ion Ratio Lower Upper

96 100

61 118.1 97.5 146.3

98 64.1 50.5 75.7



#22

Diisopropyl ether

Concen: 98.170 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Tgt Ion: 45 Resp: 411609

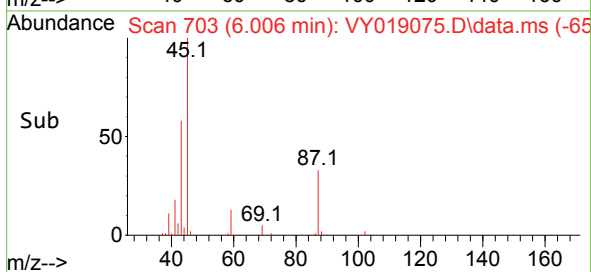
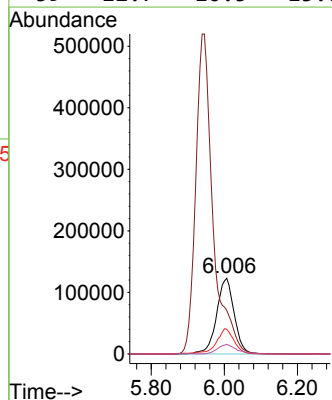
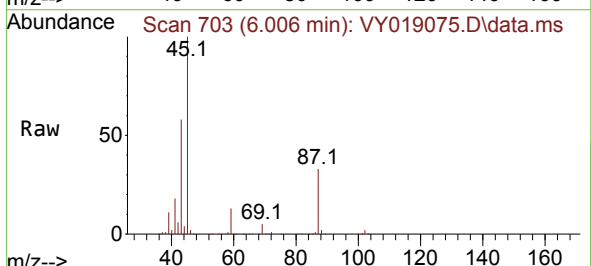
Ion Ratio Lower Upper

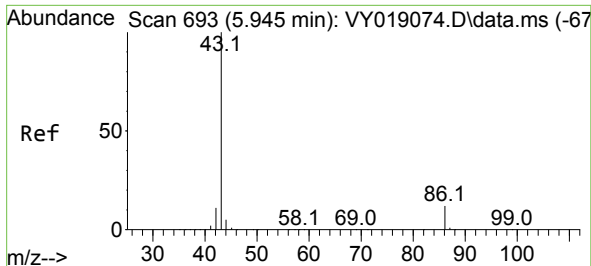
45 100

43 57.4 42.2 63.2

87 32.7 25.0 37.6

59 12.7 10.5 15.7

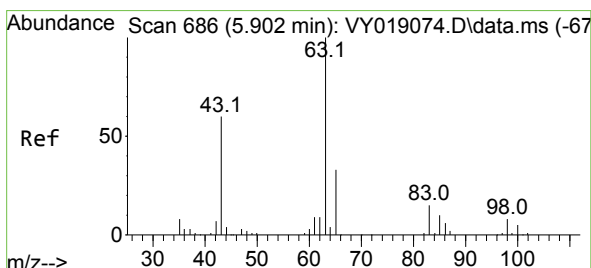
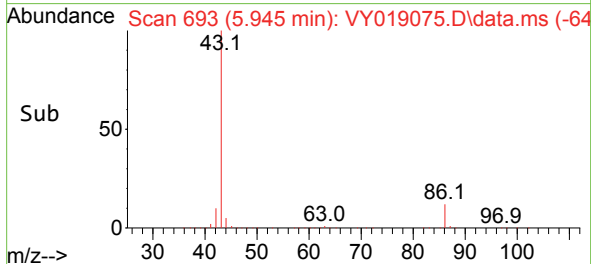
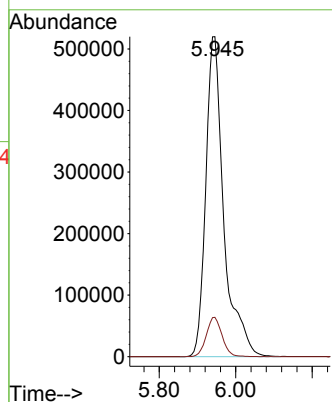
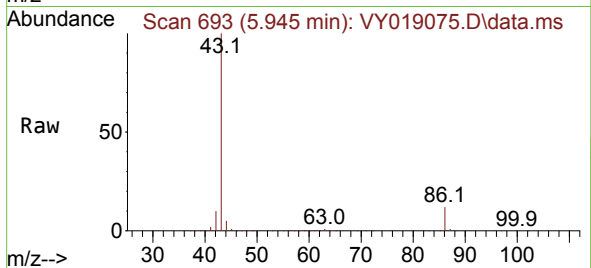




#23
Vinyl Acetate
Concen: 511.986 ug/l
RT: 5.945 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

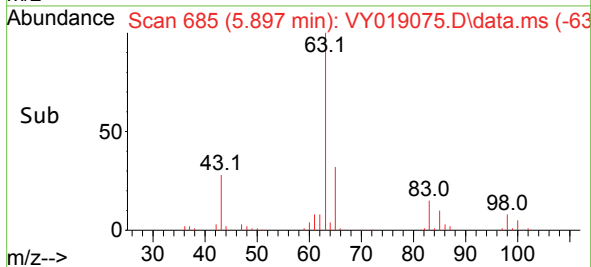
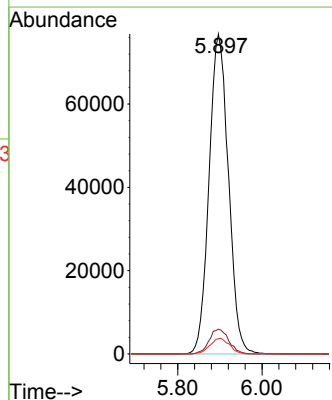
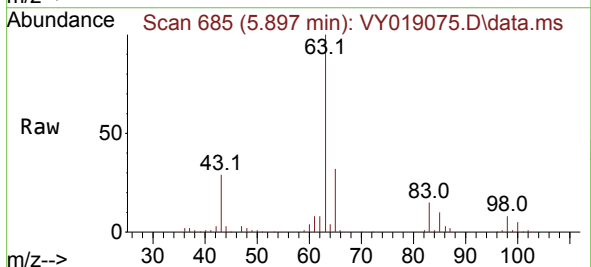
Instrument :
MSVOA_Y
ClientSampleId :

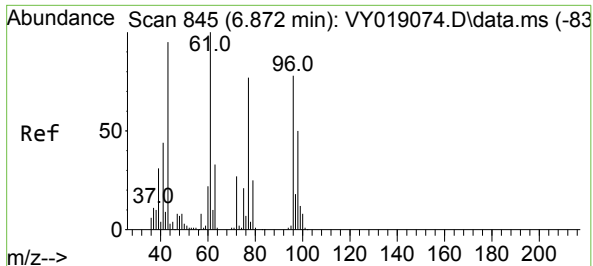
Tgt Ion: 43 Resp: 1699539
Ion Ratio Lower Upper
43 100
86 12.3 10.6 16.0



#24
1,1-Dichloroethane
Concen: 95.377 ug/l
RT: 5.897 min Scan# 685
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 63 Resp: 244557
Ion Ratio Lower Upper
63 100
98 7.8 4.0 12.2
100 4.7 2.6 8.0

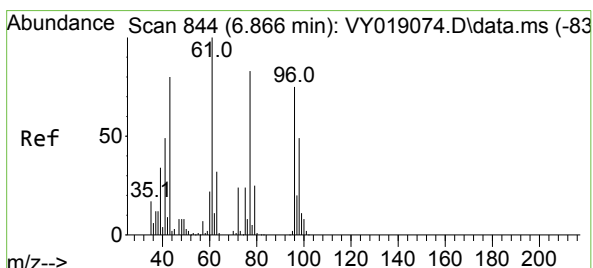
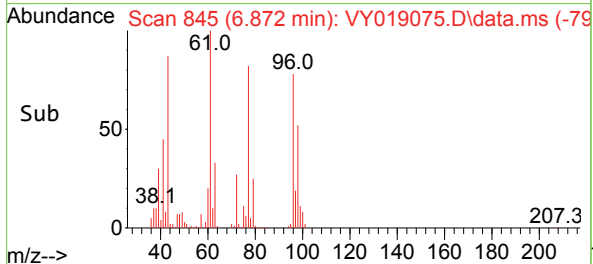
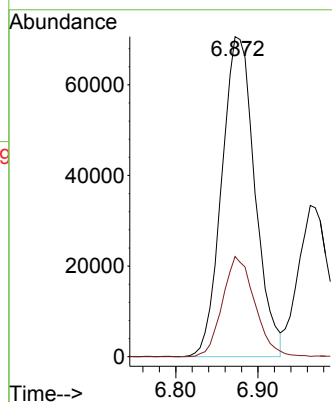
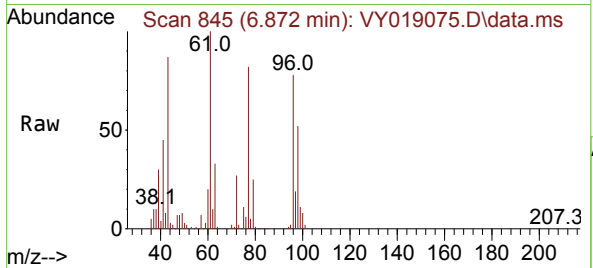




#25
2-Butanone
Concen: 479.954 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

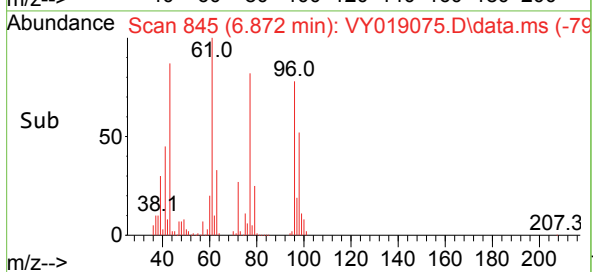
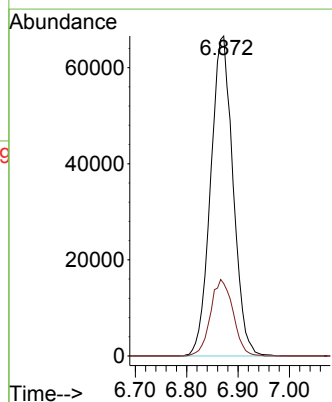
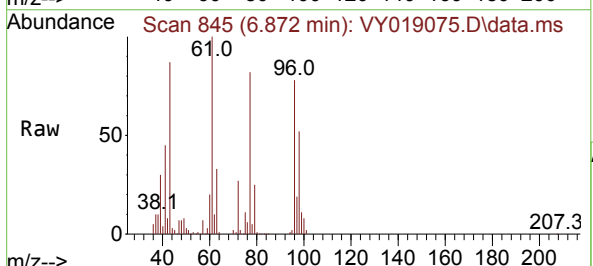
Instrument :
MSVOA_Y
ClientSampleId :

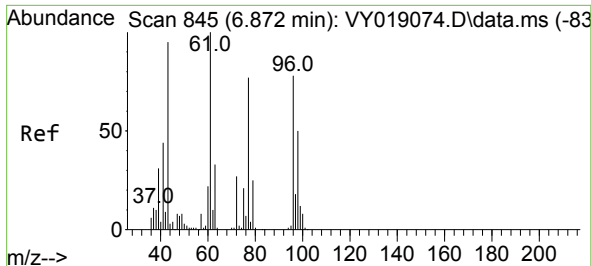
Tgt Ion: 43 Resp: 198442
Ion Ratio Lower Upper
43 100
72 31.3 27.3 40.9



#26
2,2-Dichloropropane
Concen: 96.912 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

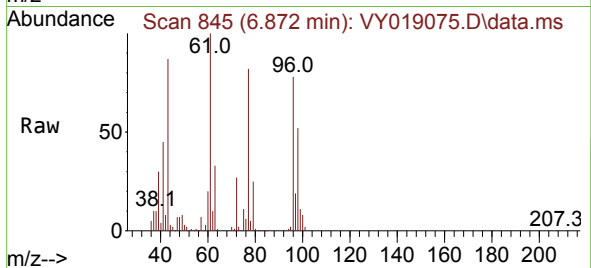
Tgt Ion: 77 Resp: 201225
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1



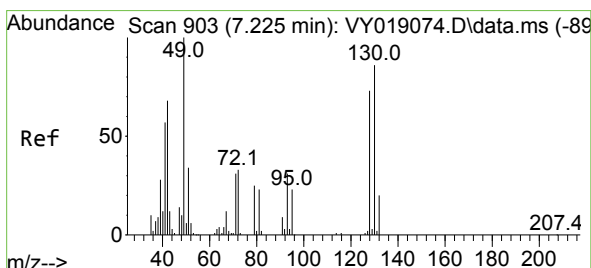
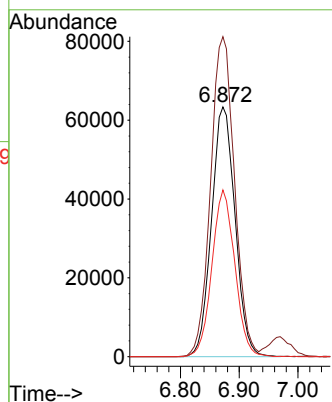
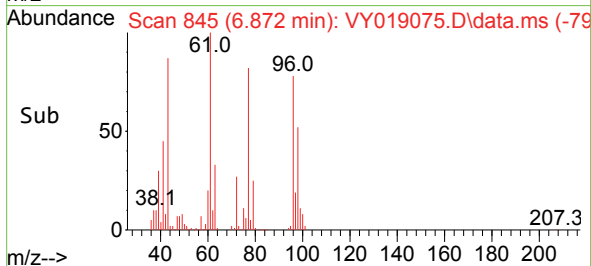


#27
 cis-1,2-Dichloroethene
 Concen: 97.497 ug/l
 RT: 6.872 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

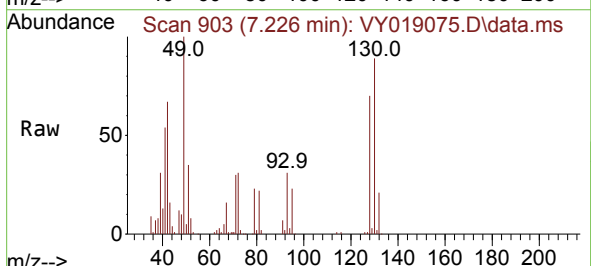
Instrument :
 MSVOA_Y
 ClientSampleId :



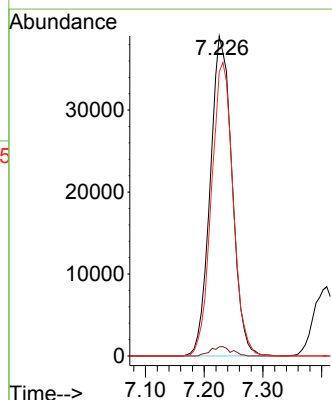
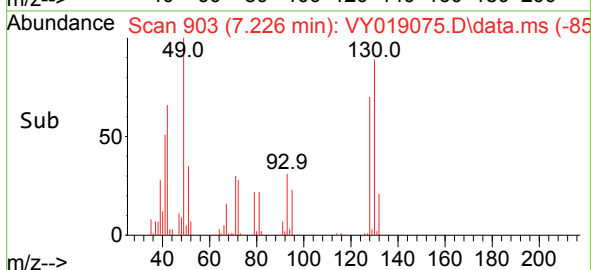
Tgt Ion: 96 Resp: 176585
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 256.2
 98 64.9 0.0 130.0

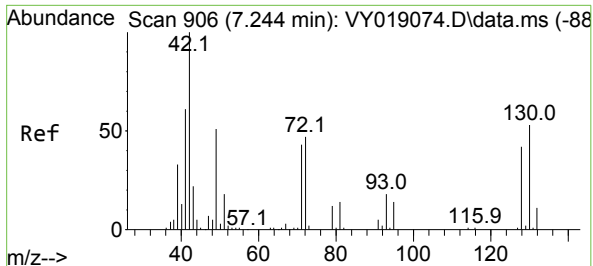


#28
 Bromochloromethane
 Concen: 93.756 ug/l
 RT: 7.226 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26



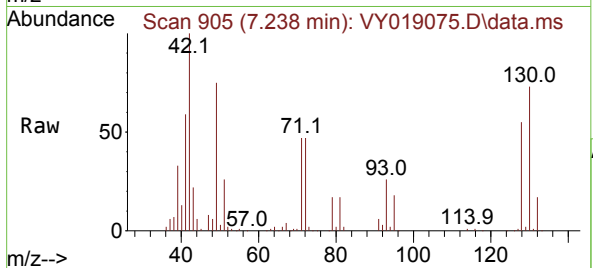
Tgt Ion: 49 Resp: 100843
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.6
 130 90.8 72.7 109.1



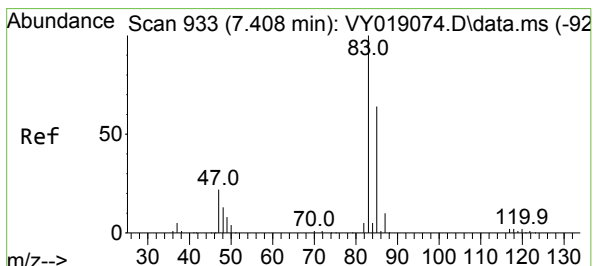
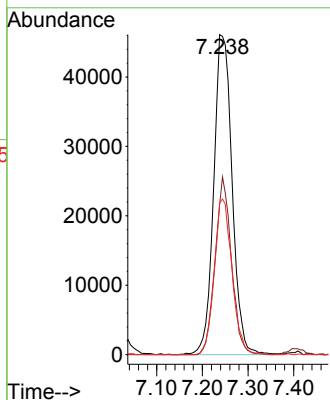
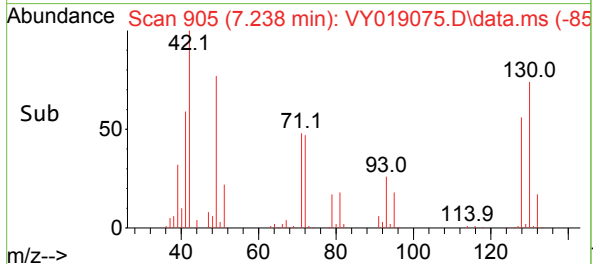


#29
Tetrahydrofuran
Concen: 486.837 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :

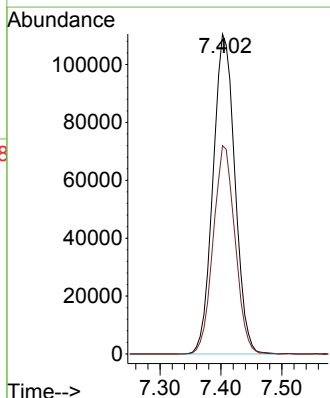
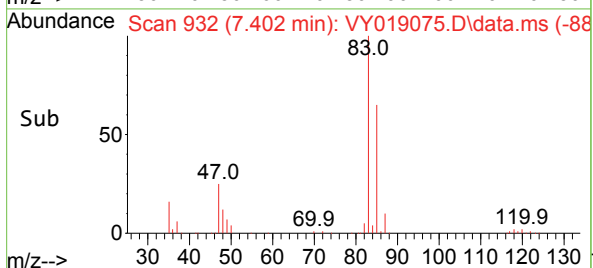
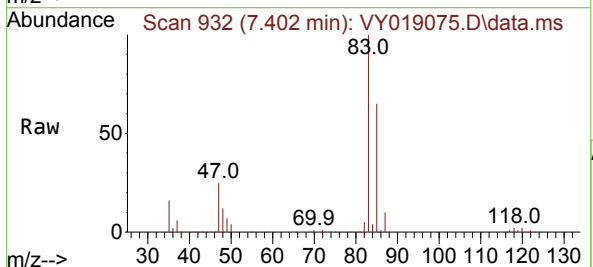


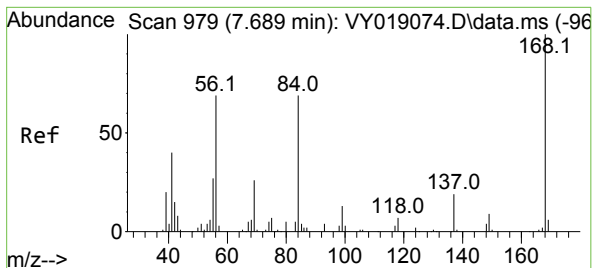
Tgt Ion: 42 Resp: 129393
Ion Ratio Lower Upper
42 100
72 49.4 43.0 64.4
71 46.6 40.8 61.2



#30
Chloroform
Concen: 96.545 ug/l
RT: 7.402 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 83 Resp: 275844
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4





#31

Cyclohexane

Concen: 105.228 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.000 min

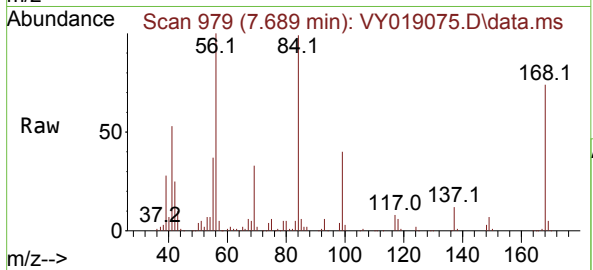
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :



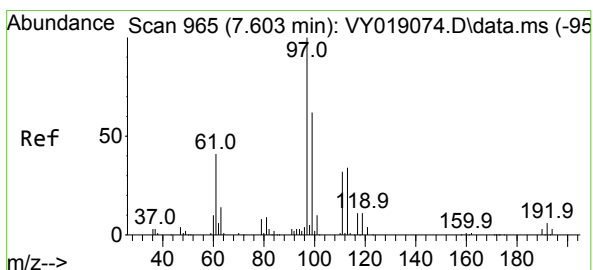
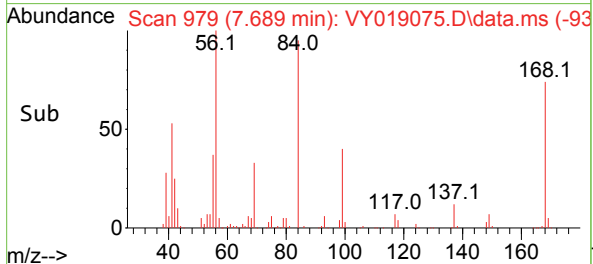
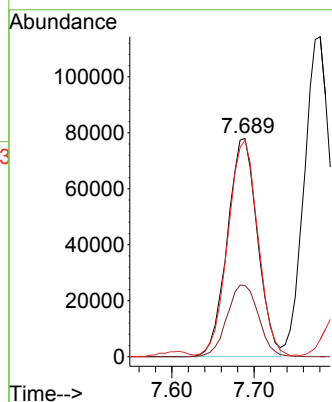
Tgt Ion: 56 Resp: 199014

Ion Ratio Lower Upper

56 100

69 32.6 28.7 43.1

84 96.8 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 99.578 ug/l

RT: 7.604 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

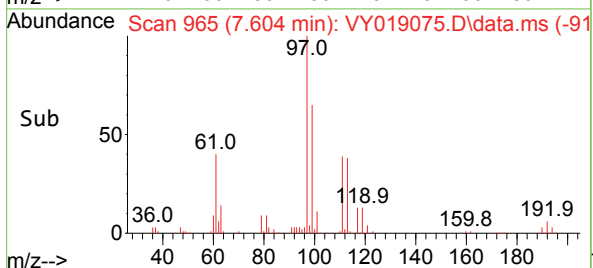
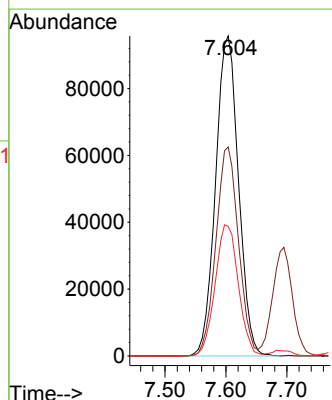
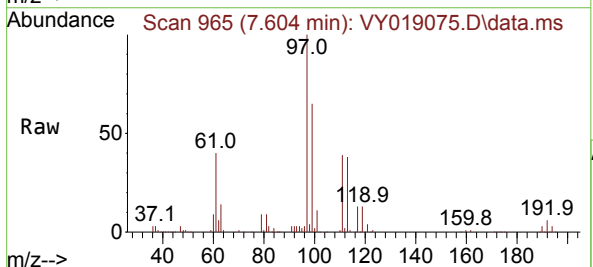
Tgt Ion: 97 Resp: 250033

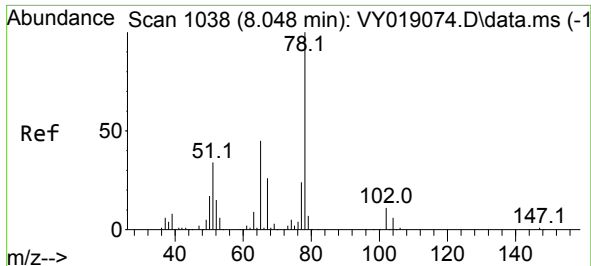
Ion Ratio Lower Upper

97 100

99 64.5 50.3 75.5

61 41.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 95.166 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

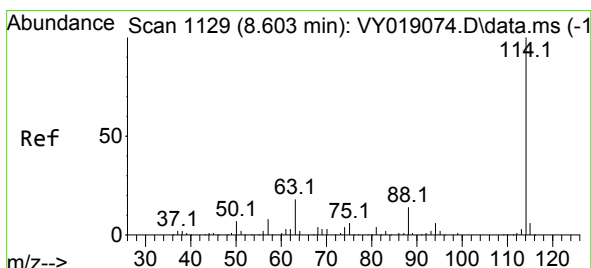
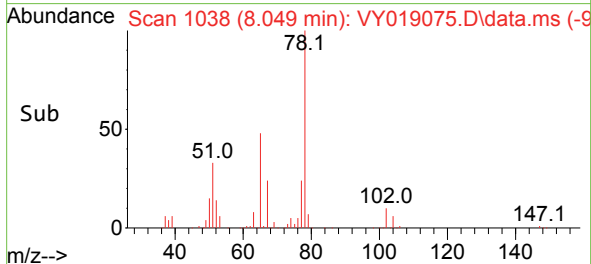
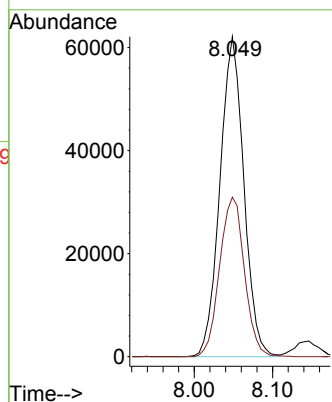
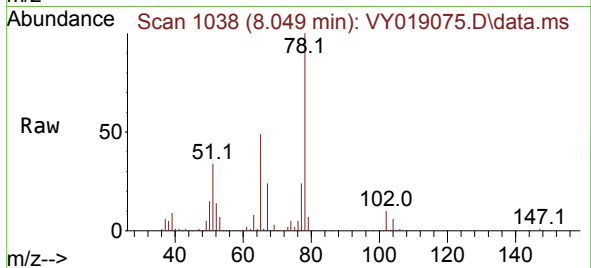
ClientSampleId :

Tgt Ion: 65 Resp: 131744

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019075.D

Acq: 15 Aug 2024 19:26

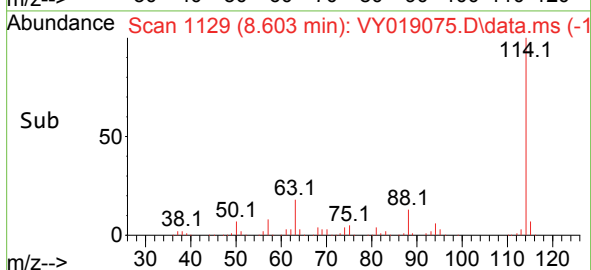
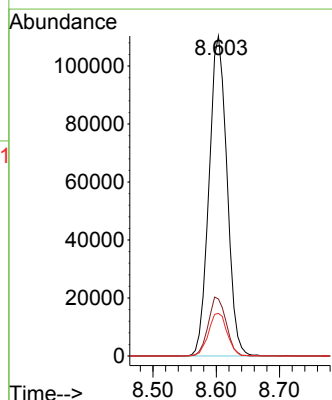
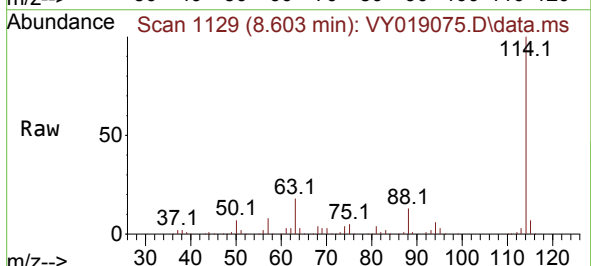
Tgt Ion: 114 Resp: 217485

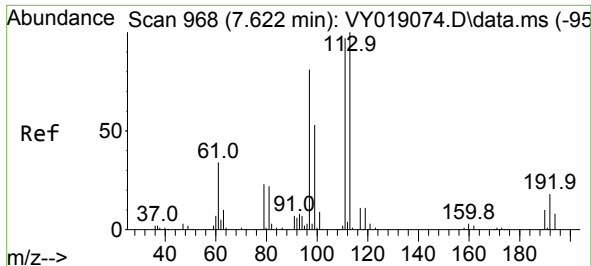
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 97.753 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

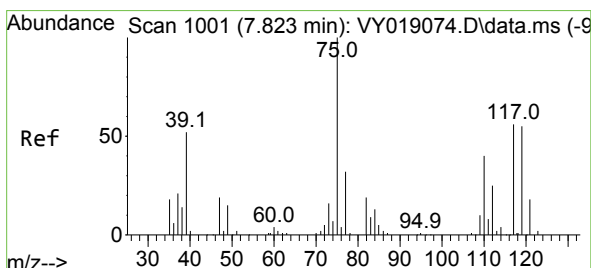
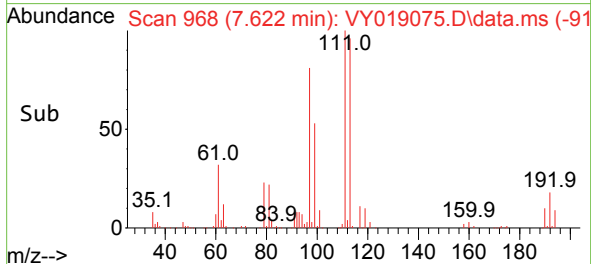
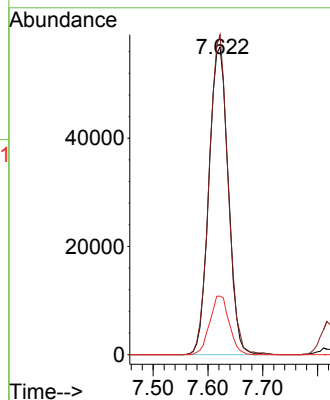
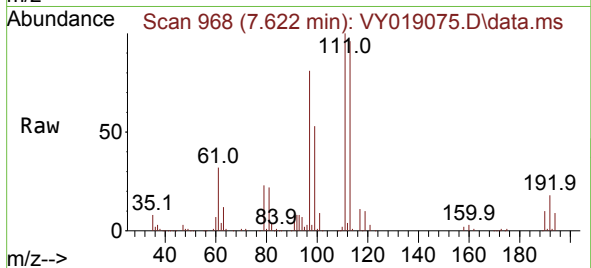
Tgt Ion:113 Resp: 139009

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 97.430 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

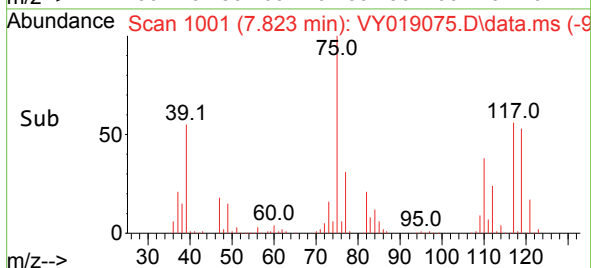
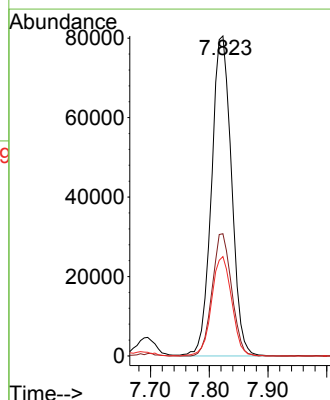
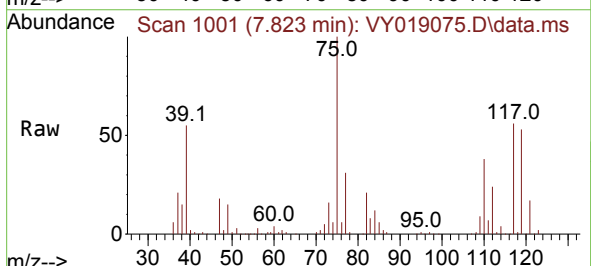
Tgt Ion: 75 Resp: 190254

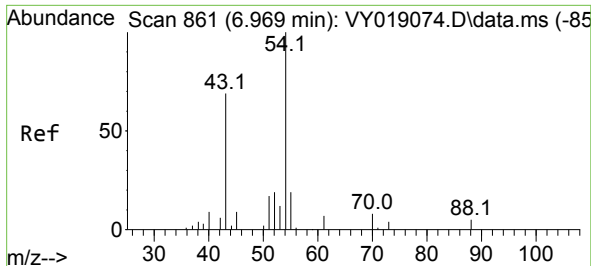
Ion Ratio Lower Upper

75 100

110 37.3 19.0 57.0

77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 105.089 ug/l

RT: 6.963 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

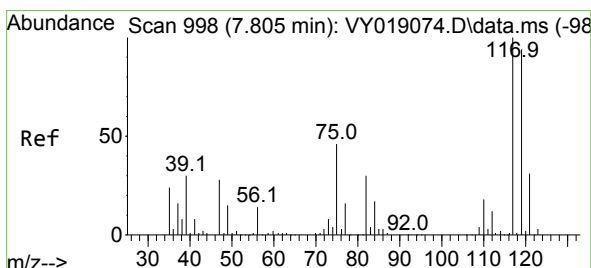
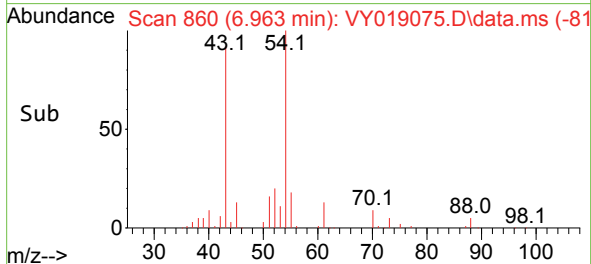
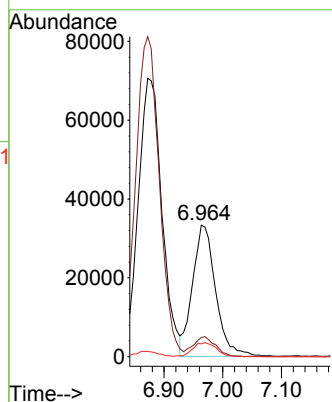
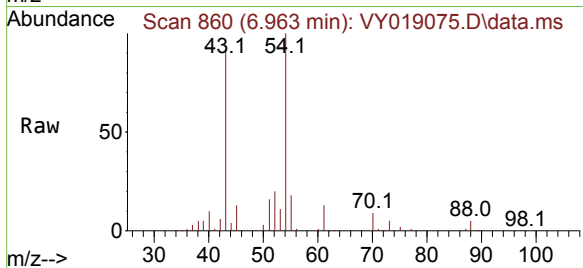
Tgt Ion: 43 Resp: 90918

Ion Ratio Lower Upper

43 100

61 14.9 12.6 19.0

70 10.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 101.092 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

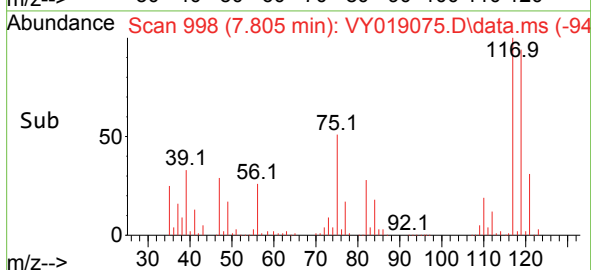
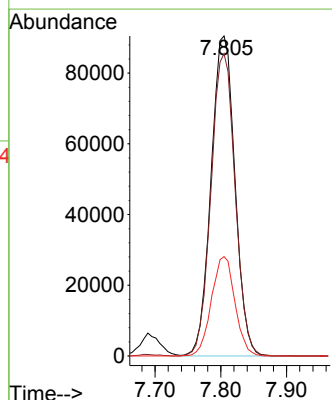
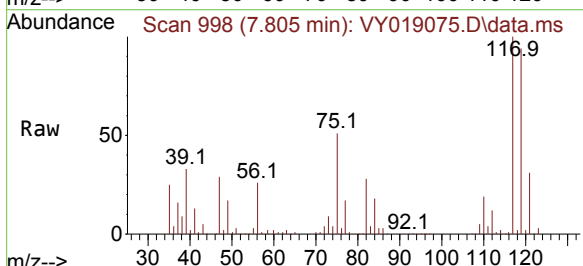
Tgt Ion:117 Resp: 228772

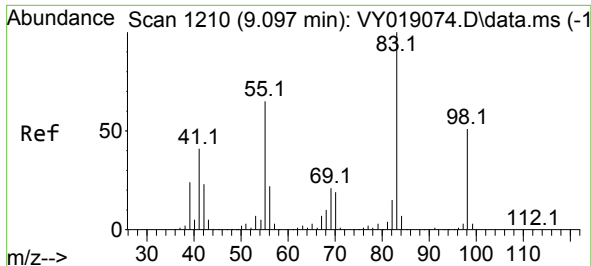
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 99.473 ug/l

RT: 9.097 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

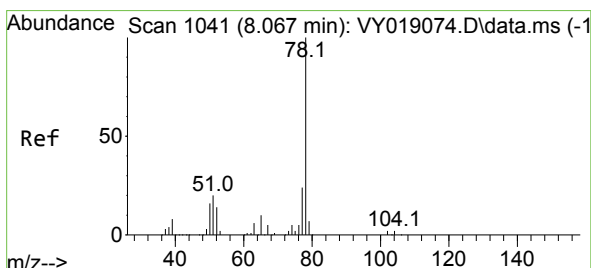
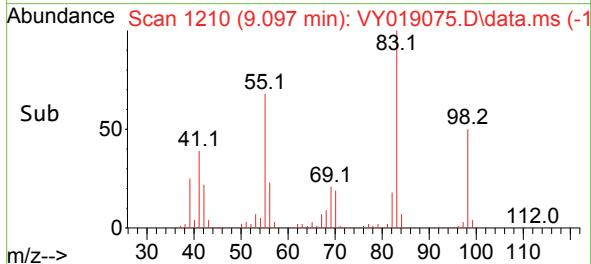
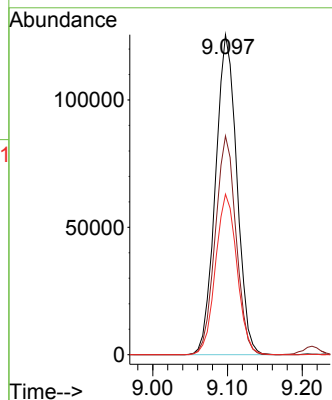
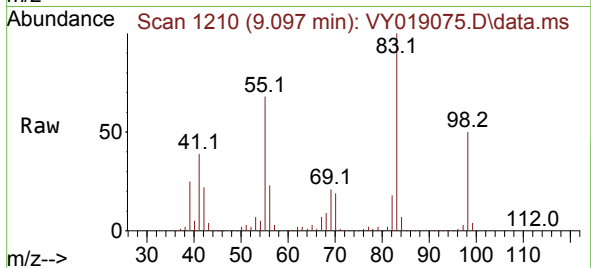
Tgt Ion: 83 Resp: 249269

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 50.2 40.5 60.7



#40

Benzene

Concen: 97.705 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019075.D

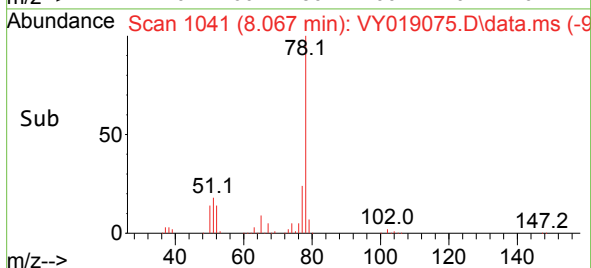
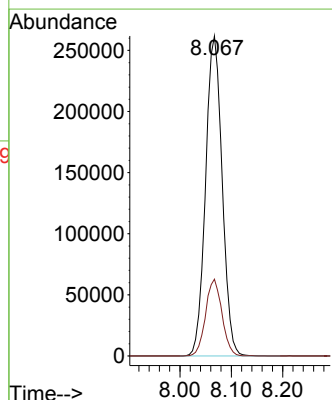
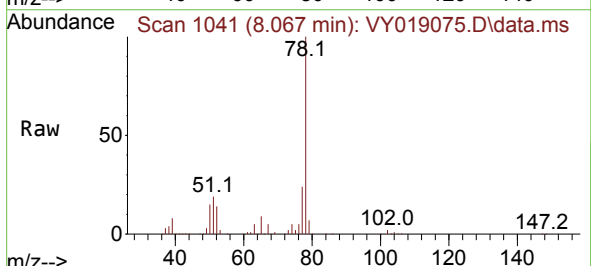
Acq: 15 Aug 2024 19:26

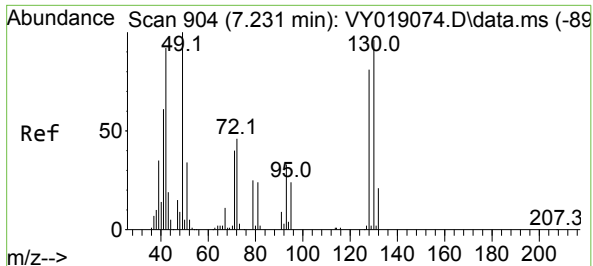
Tgt Ion: 78 Resp: 585143

Ion Ratio Lower Upper

78 100

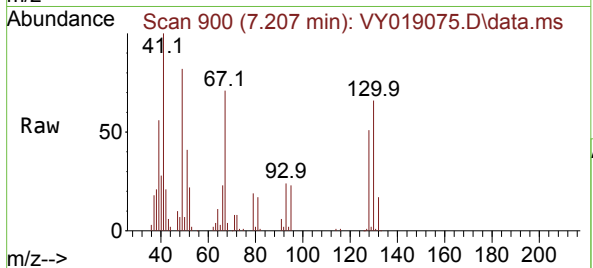
77 24.0 19.5 29.3





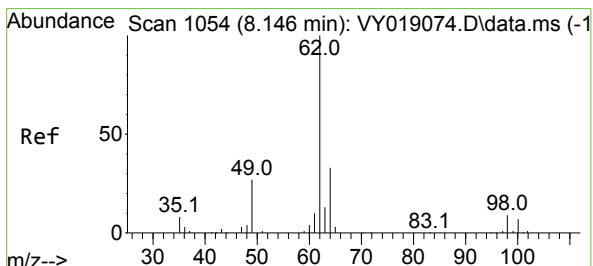
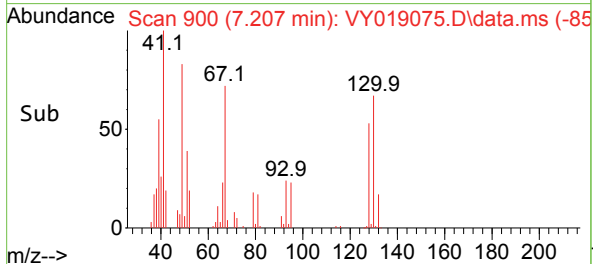
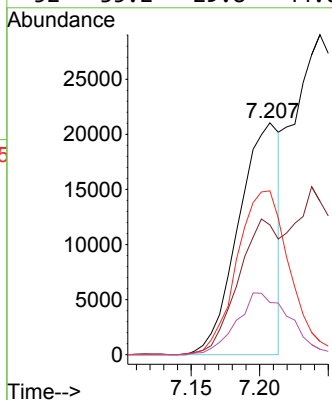
#41
Methacrylonitrile
Concen: 97.936 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 43811

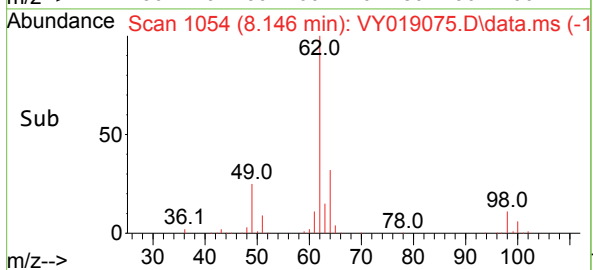
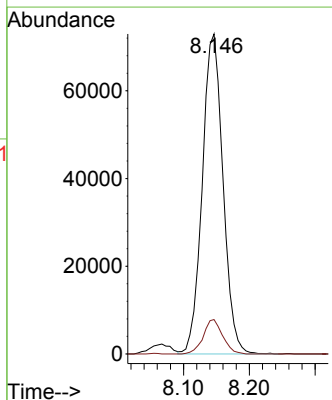
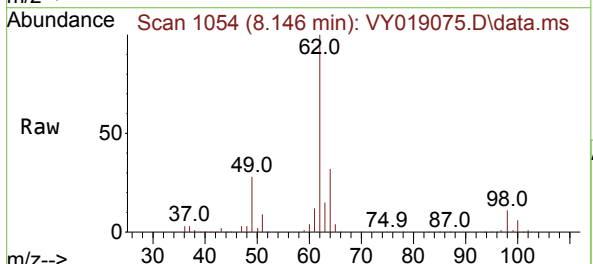
Ion	Ratio	Lower	Upper
41	100		
39	57.1	48.0	72.0
67	91.4	75.1	112.7
52	35.2	29.8	44.6

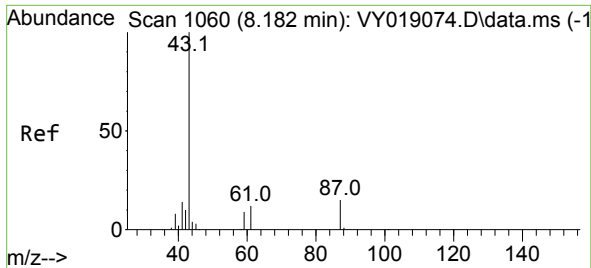


#42
1,2-Dichloroethane
Concen: 98.832 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 62 Resp: 159836

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	22.0

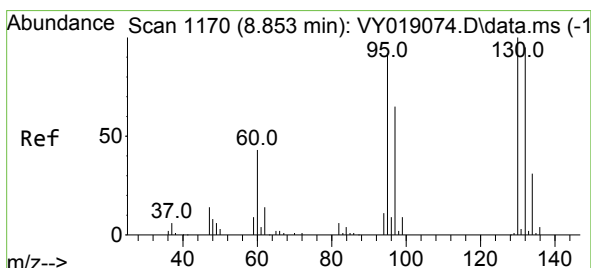
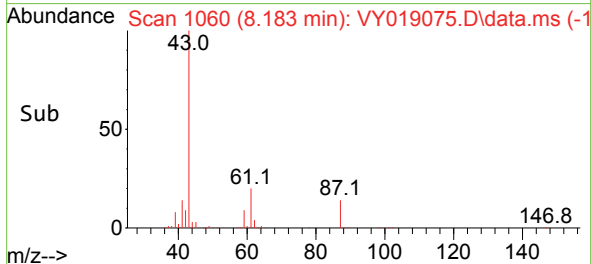
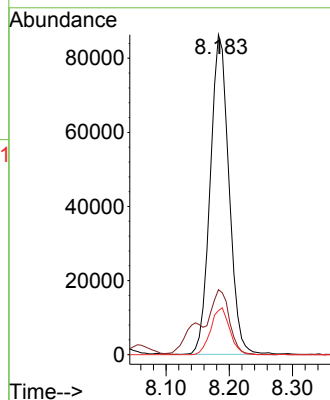
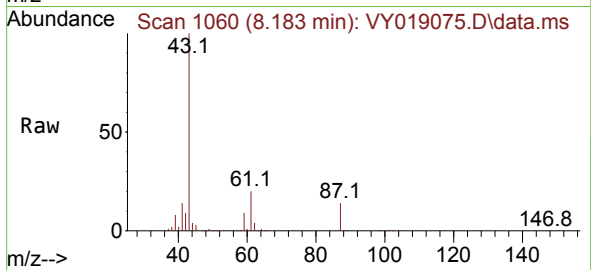




#43
Isopropyl Acetate
Concen: 101.475 ug/l
RT: 8.183 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

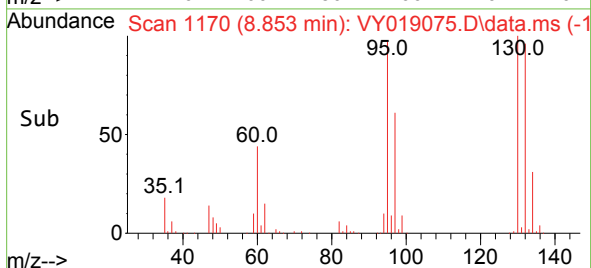
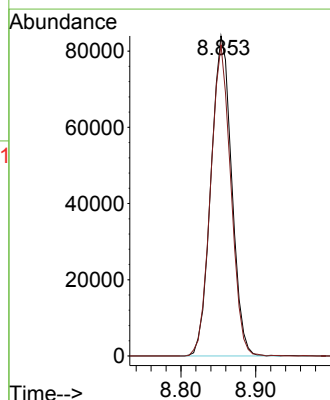
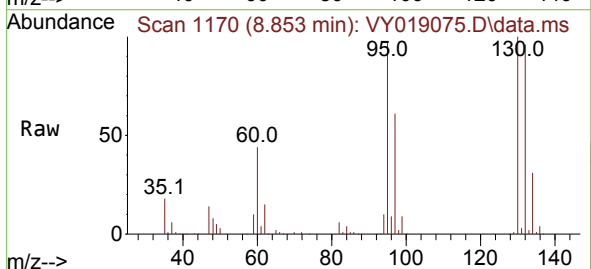
Instrument :
MSVOA_Y
ClientSampleId :

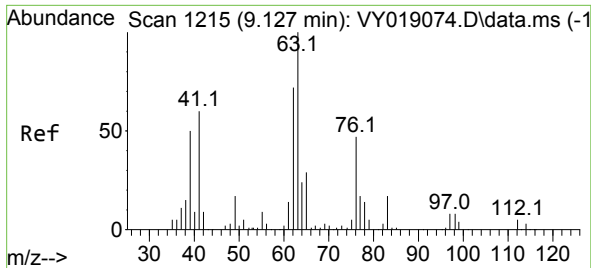
Tgt Ion: 43 Resp: 177549
Ion Ratio Lower Upper
43 100
61 20.7 27.9 41.9#
87 14.8 13.1 19.7



#44
Trichloroethene
Concen: 96.814 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion:130 Resp: 161783
Ion Ratio Lower Upper
130 100
95 97.2 0.0 188.0

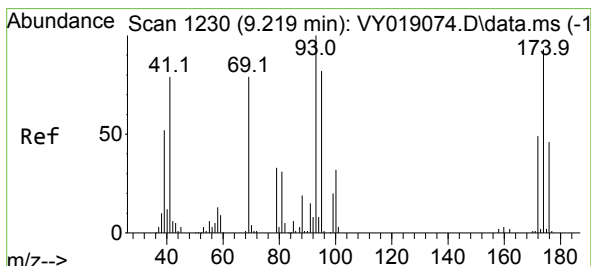
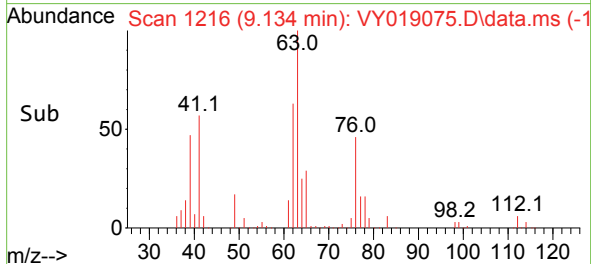
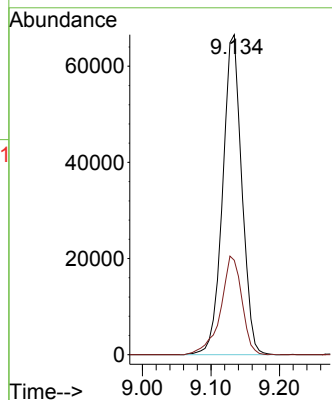
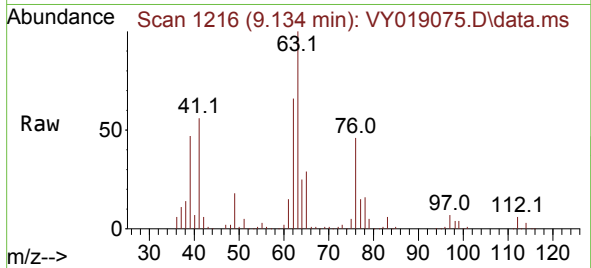




#45
1,2-Dichloropropane
Concen: 96.344 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

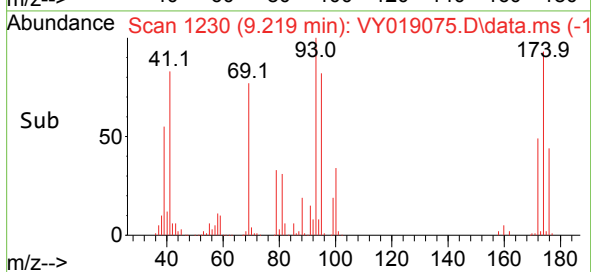
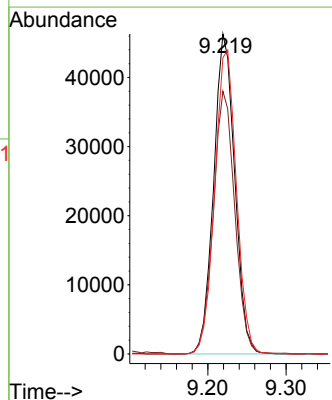
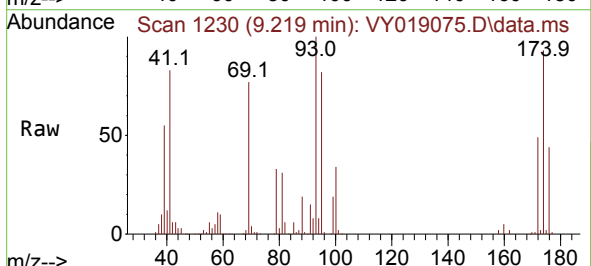
Instrument :
MSVOA_Y
ClientSampleId :

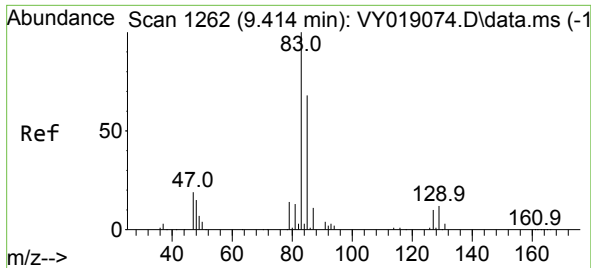
Tgt Ion: 63 Resp: 128556
Ion Ratio Lower Upper
63 100
65 29.5 25.4 38.2



#46
Dibromomethane
Concen: 99.856 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 93 Resp: 86420
Ion Ratio Lower Upper
93 100
95 83.9 66.2 99.4
174 98.2 80.9 121.3

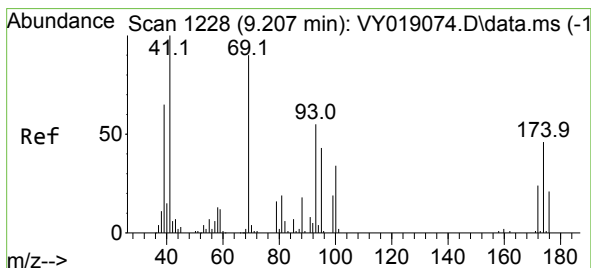
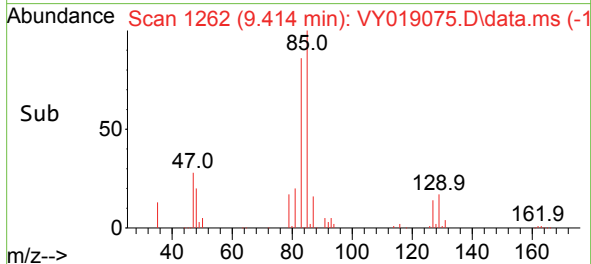
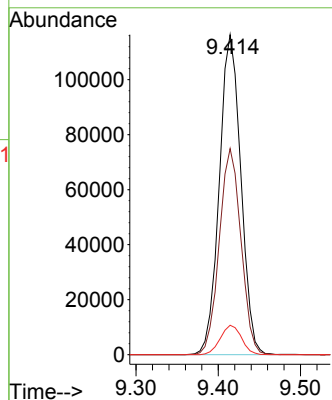
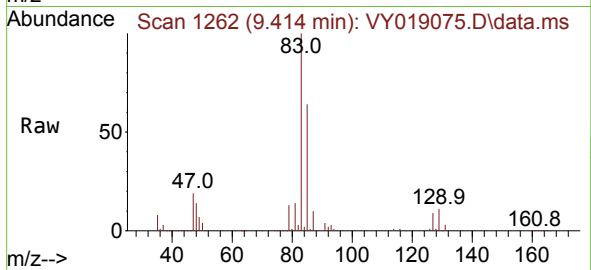




#47
 Bromodichloromethane
 Concen: 99.708 ug/l
 RT: 9.414 min Scan# 1262
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

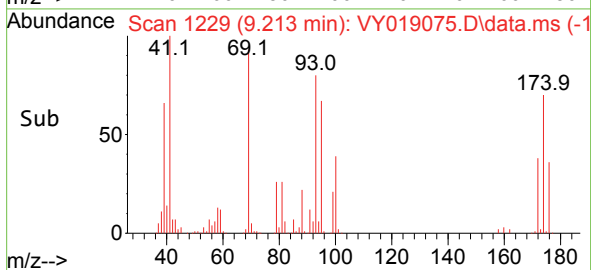
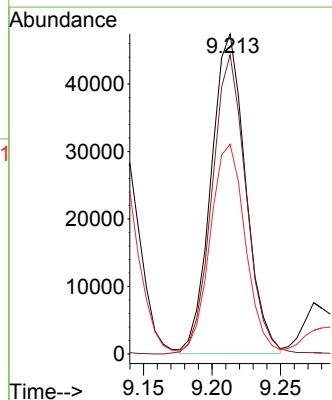
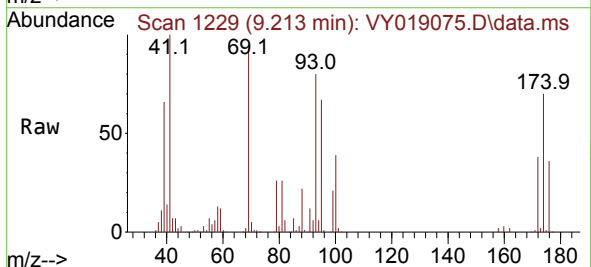
Instrument :
 MSVOA_Y
 ClientSampleId :

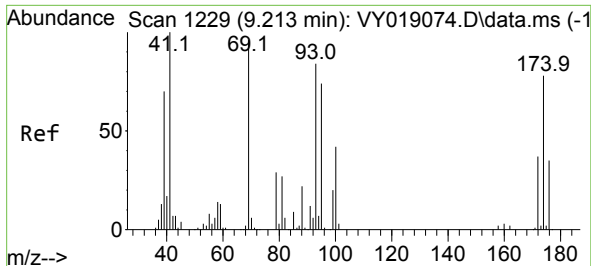
Tgt Ion: 83 Resp: 211709
 Ion Ratio Lower Upper
 83 100
 85 64.4 50.1 75.1
 127 9.2 7.4 11.0



#48
 Methyl methacrylate
 Concen: 106.452 ug/l
 RT: 9.213 min Scan# 1229
 Delta R.T. 0.006 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

Tgt Ion: 41 Resp: 83008
 Ion Ratio Lower Upper
 41 100
 69 92.6 84.1 126.1
 39 66.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 2037.919 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

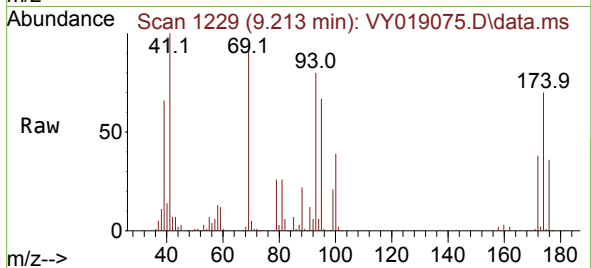
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :



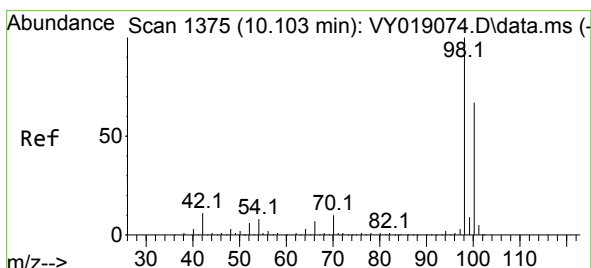
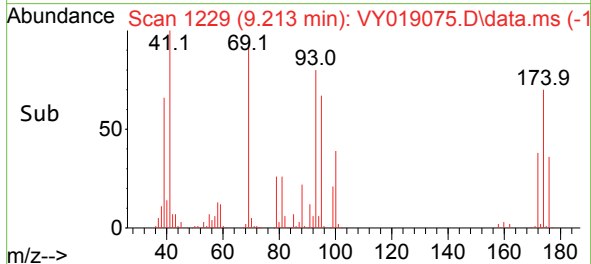
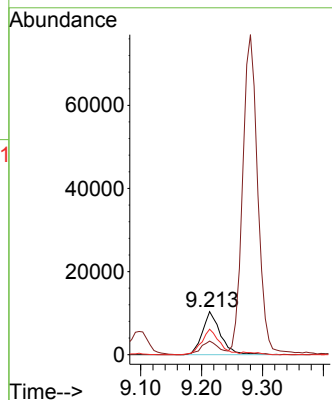
Tgt Ion: 88 Resp: 21365

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0#

58 57.9 49.3 73.9



#50

Toluene-d8

Concen: 97.943 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY019075.D

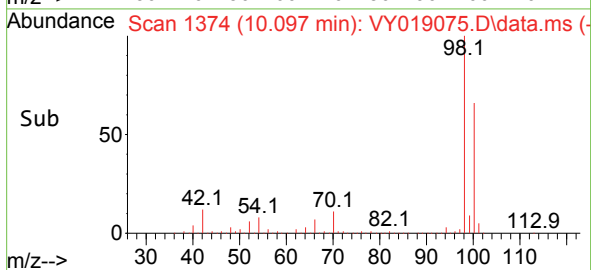
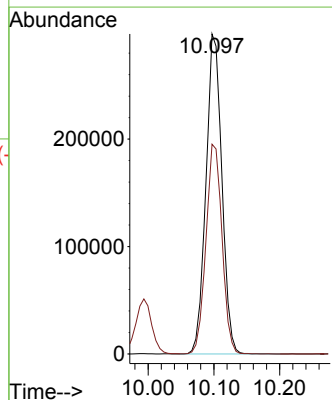
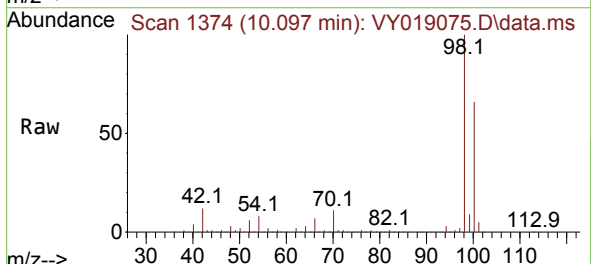
Acq: 15 Aug 2024 19:26

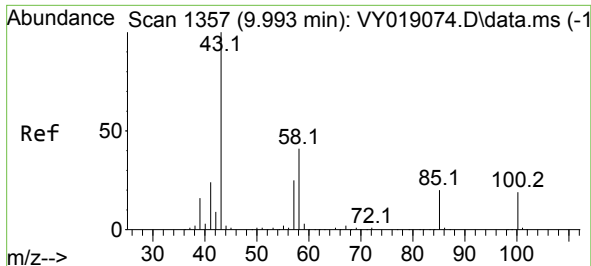
Tgt Ion: 98 Resp: 501217

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 513.768 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

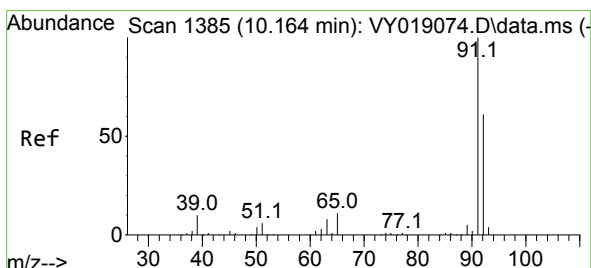
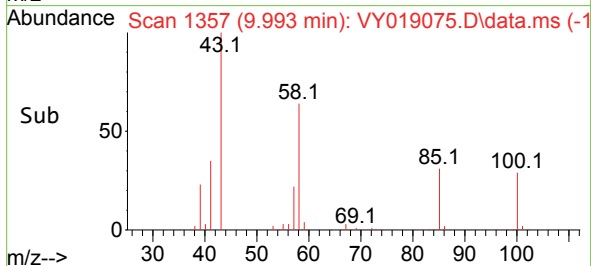
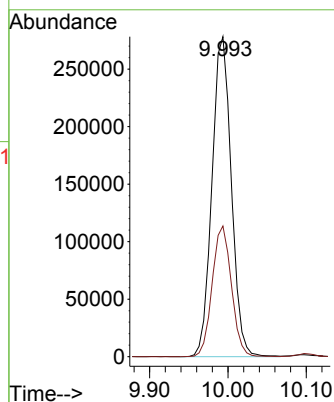
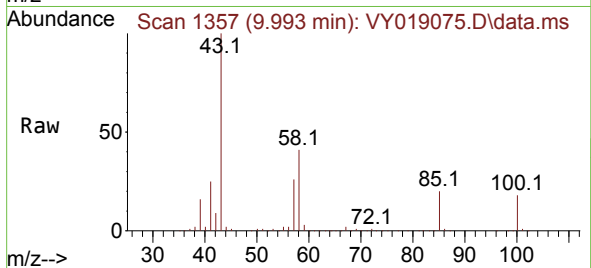
ClientSampleId :

Tgt Ion: 43 Resp: 477113

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 100.206 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019075.D

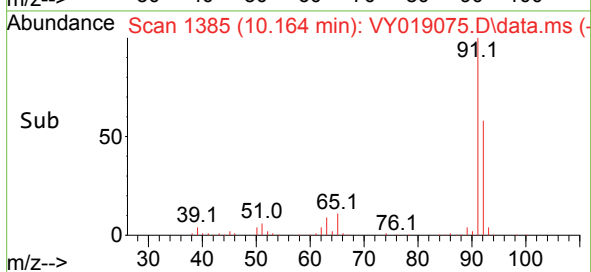
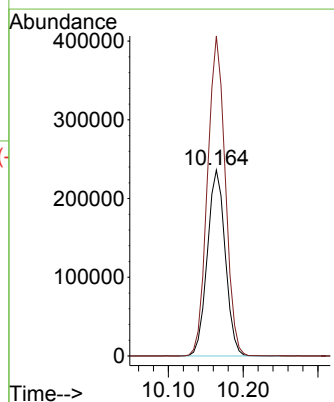
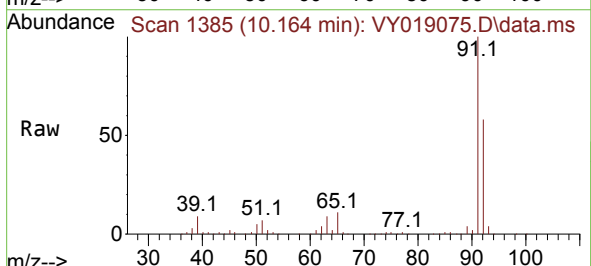
Acq: 15 Aug 2024 19:26

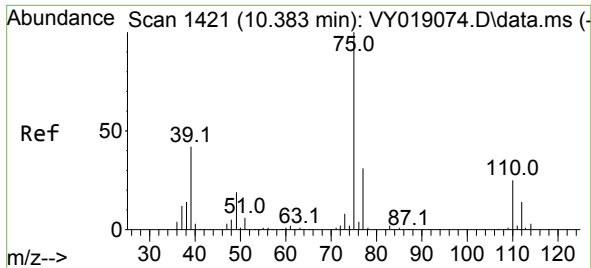
Tgt Ion: 92 Resp: 393934

Ion Ratio Lower Upper

92 100

91 170.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 106.607 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

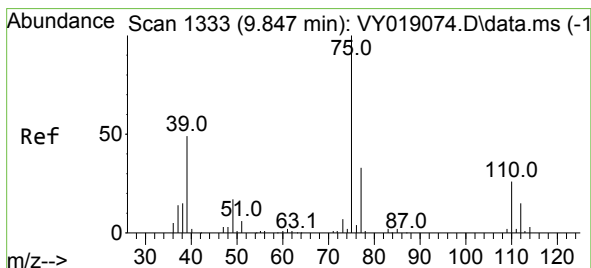
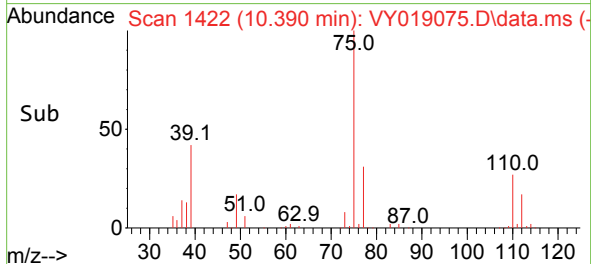
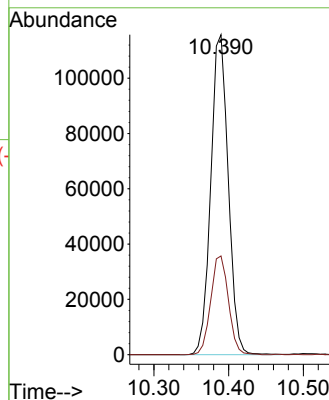
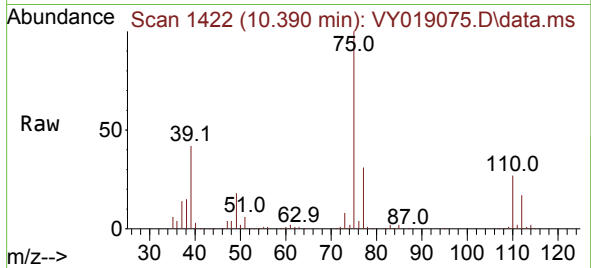
ClientSampleId :

Tgt Ion: 75 Resp: 187770

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 102.373 ug/l

RT: 9.847 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

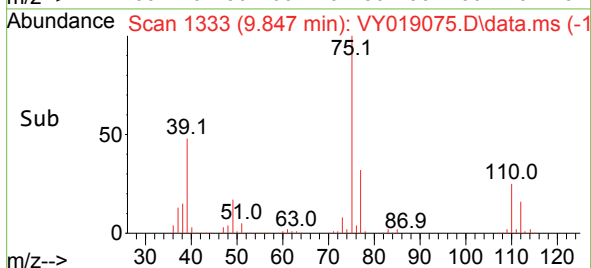
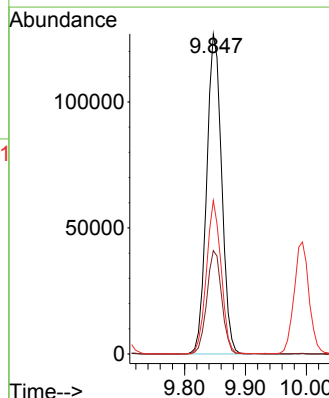
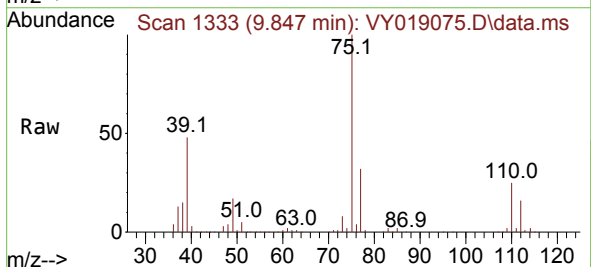
Tgt Ion: 75 Resp: 216850

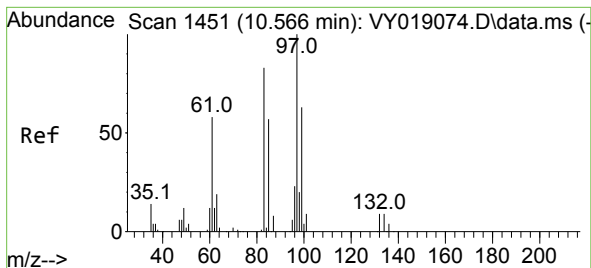
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

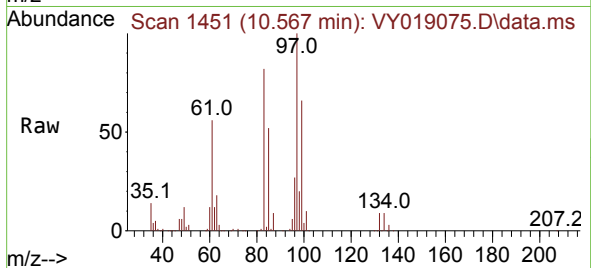
39 47.9 29.8 44.6#



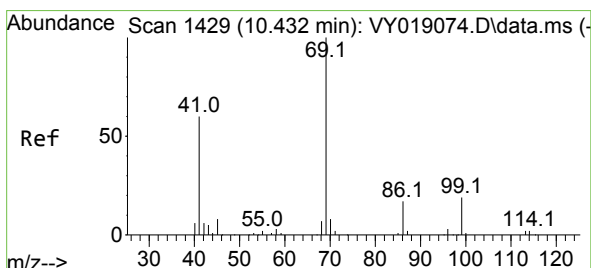
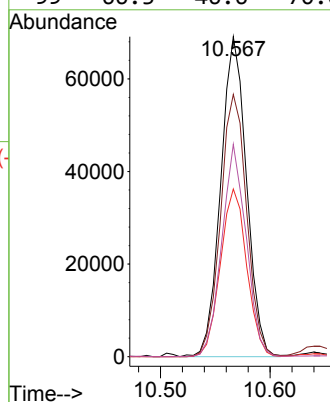
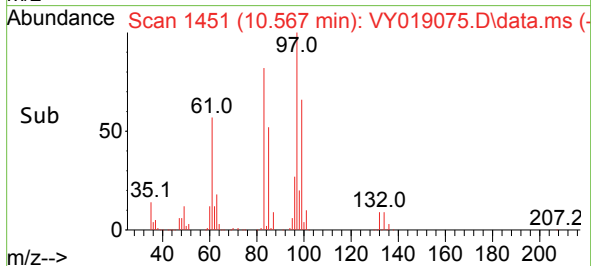


#55
1,1,2-Trichloroethane
Concen: 101.347 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Instrument :
MSVOA_Y
ClientSampleId :

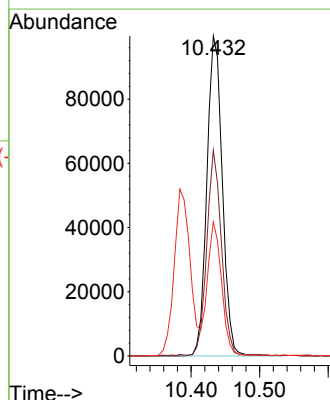
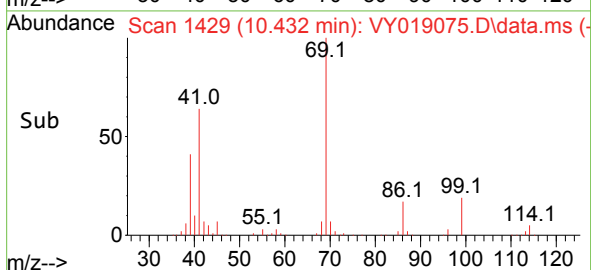
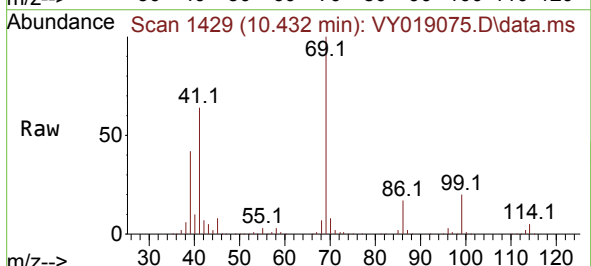


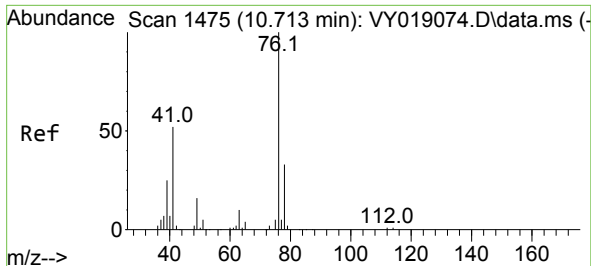
Tgt Ion:	97	Resp:	112913
Ion	Ratio	Lower	Upper
97	100		
83	82.0	67.5	101.3
85	52.4	42.9	64.3
99	66.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 107.284 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion:	69	Resp:	156451
Ion	Ratio	Lower	Upper
69	100		
41	61.7	42.3	63.5
39	37.9	22.9	34.3





#57

1,3-Dichloropropane

Concen: 99.336 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

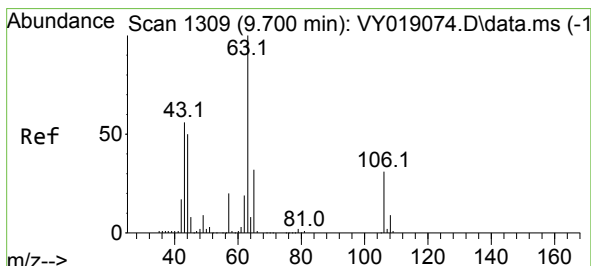
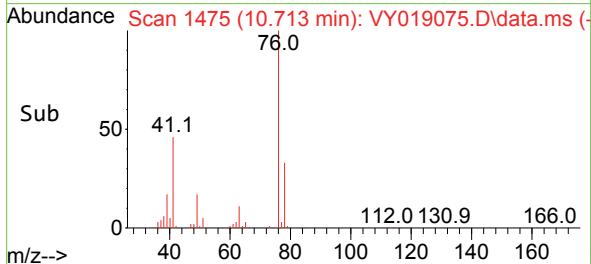
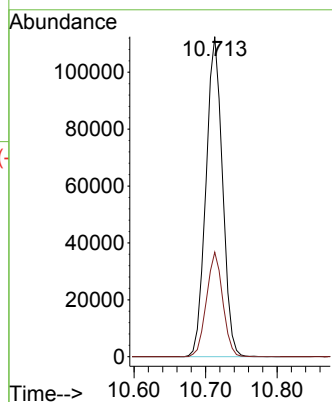
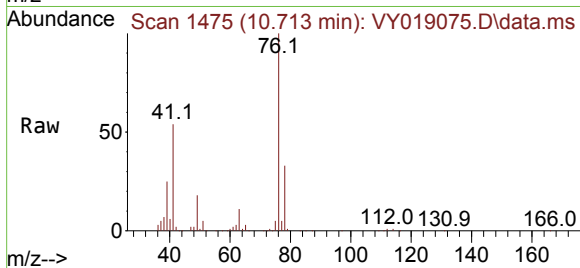
ClientSampleId :

Tgt Ion: 76 Resp: 180414

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 524.275 ug/l

RT: 9.701 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019075.D

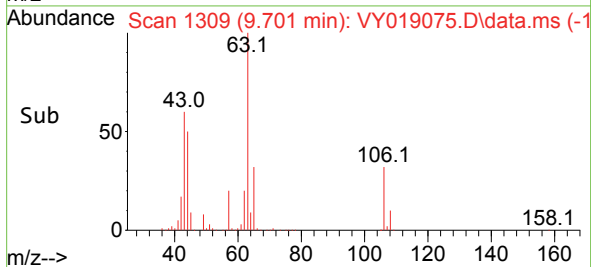
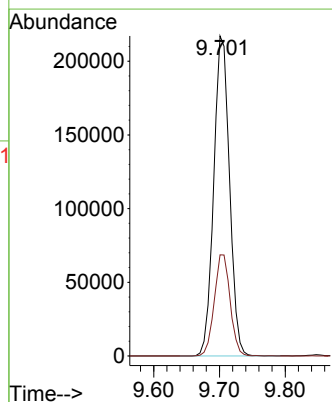
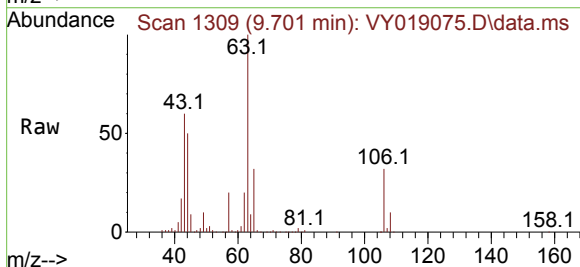
Acq: 15 Aug 2024 19:26

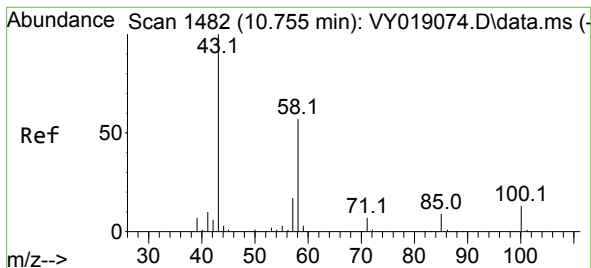
Tgt Ion: 63 Resp: 362698

Ion Ratio Lower Upper

63 100

106 31.8 23.7 35.5





#59

2-Hexanone

Concen: 520.968 ug/l

RT: 10.756 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

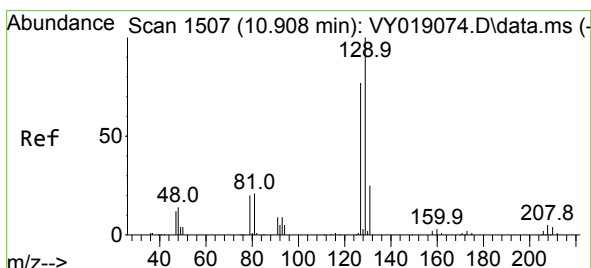
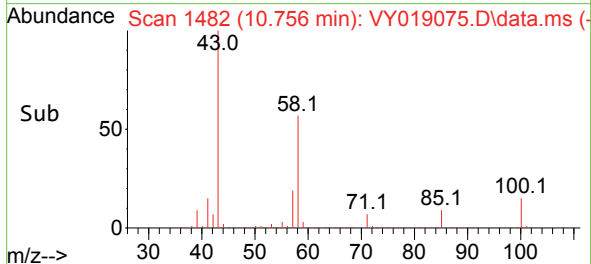
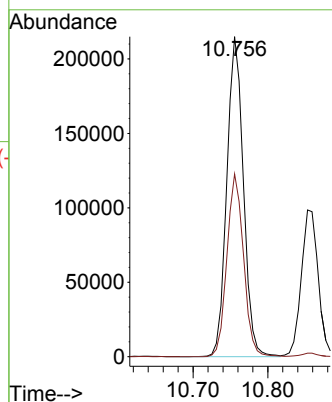
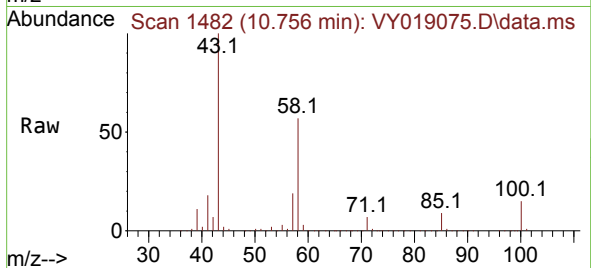
ClientSampleId :

Tgt Ion: 43 Resp: 332380

Ion Ratio Lower Upper

43 100

58 57.2 31.4 94.0



#60

Dibromochloromethane

Concen: 102.814 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019075.D

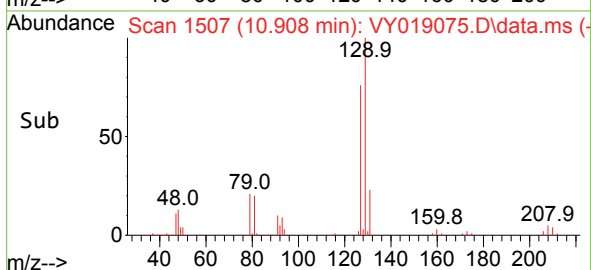
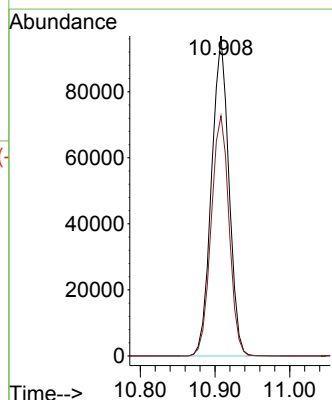
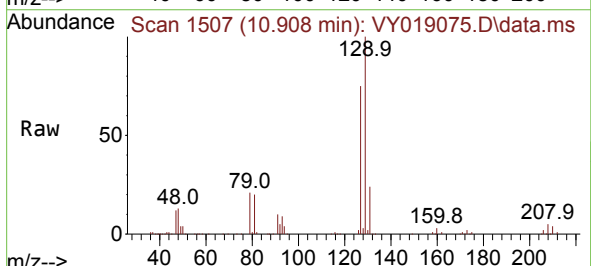
Acq: 15 Aug 2024 19:26

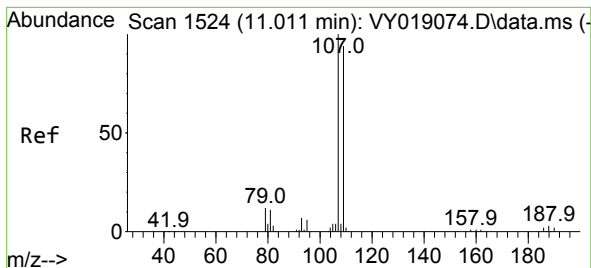
Tgt Ion:129 Resp: 156015

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 101.684 ug/l

RT: 11.012 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

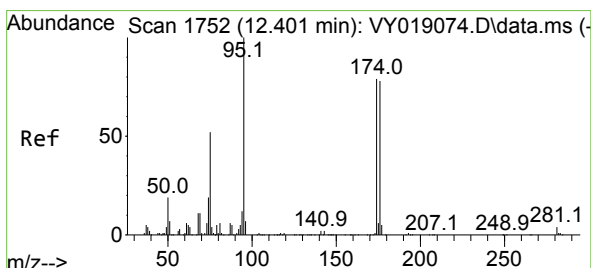
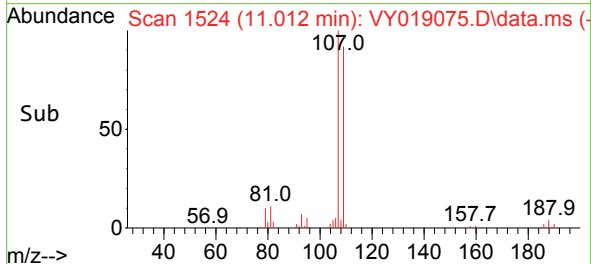
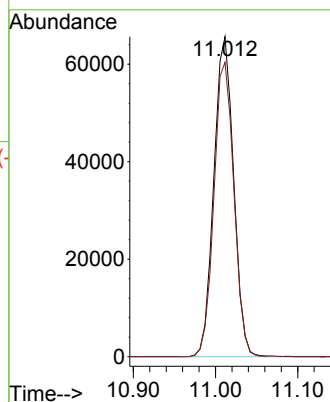
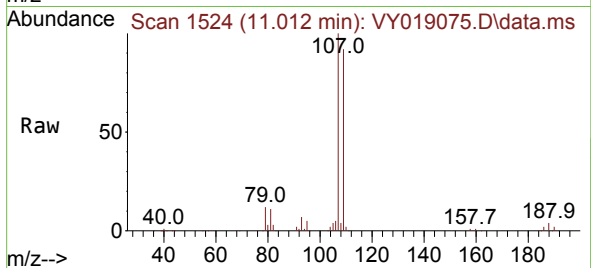
ClientSampleId :

Tgt Ion:107 Resp: 109497

Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 96.498 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

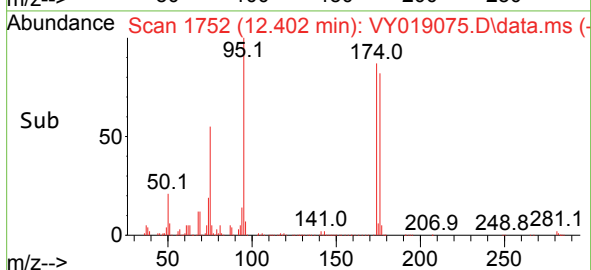
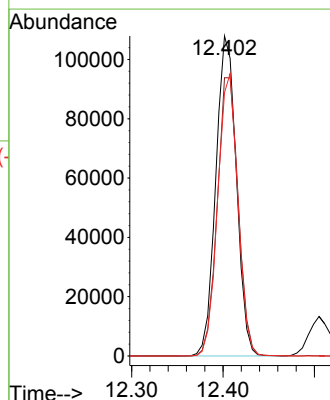
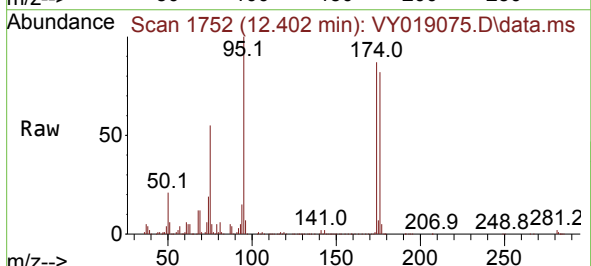
Tgt Ion: 95 Resp: 168343

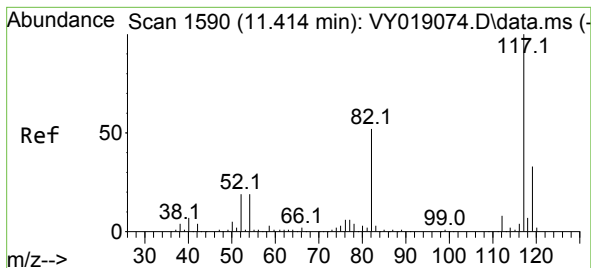
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 86.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

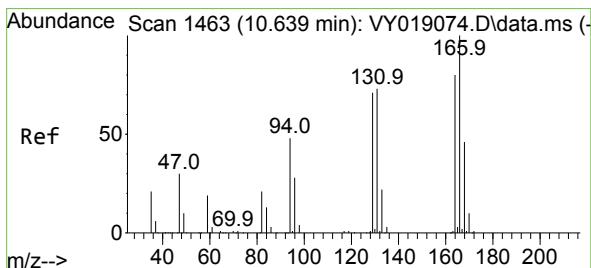
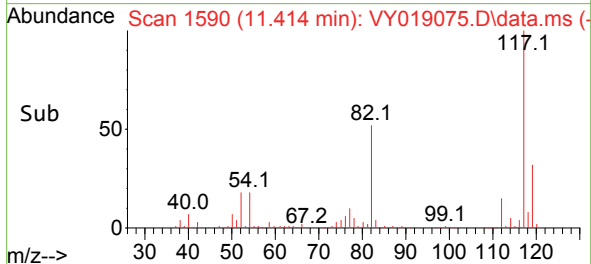
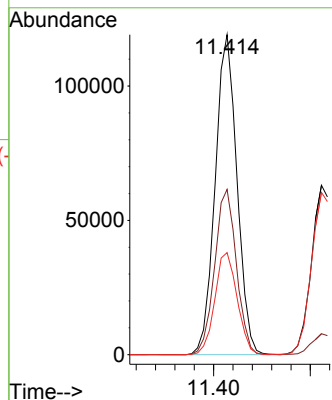
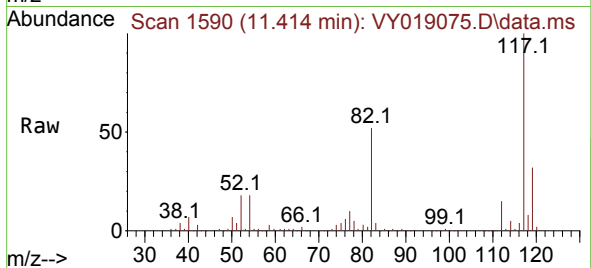
Tgt Ion:117 Resp: 186224

Ion Ratio Lower Upper

117 100

82 51.7 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 99.596 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Tgt Ion:164 Resp: 162117

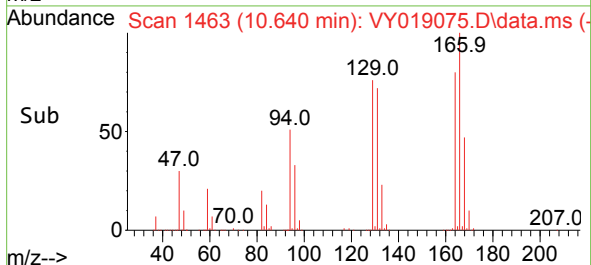
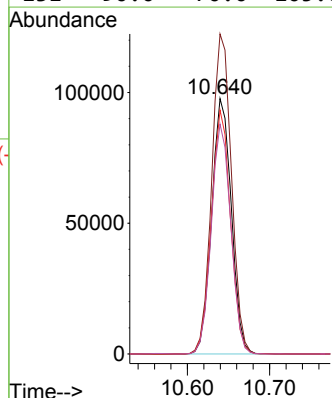
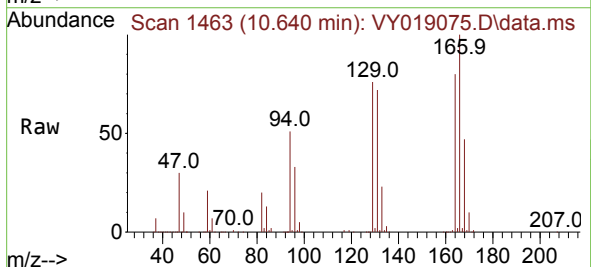
Ion Ratio Lower Upper

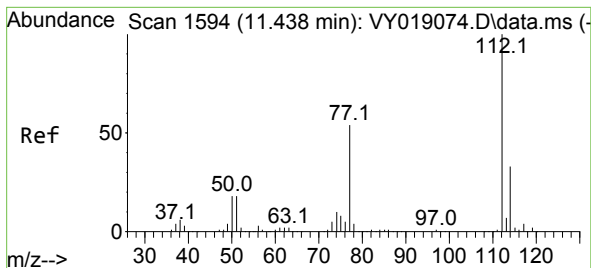
164 100

166 125.3 102.6 154.0

129 95.5 72.0 108.0

131 90.0 70.0 105.0





#65

Chlorobenzene

Concen: 99.733 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

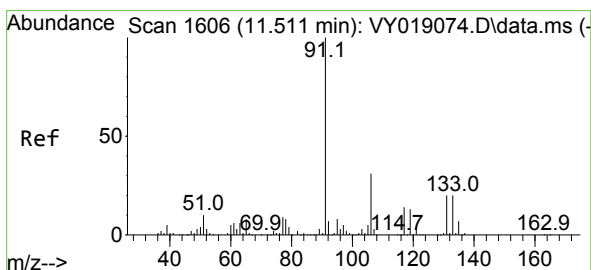
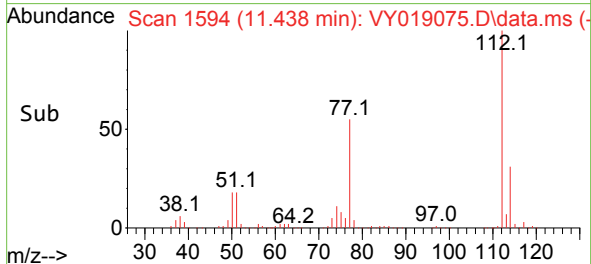
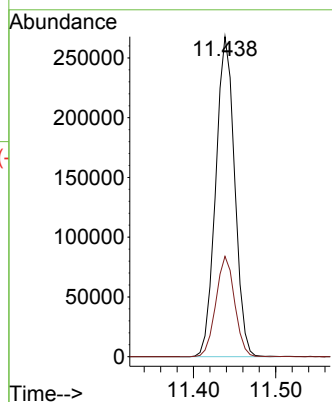
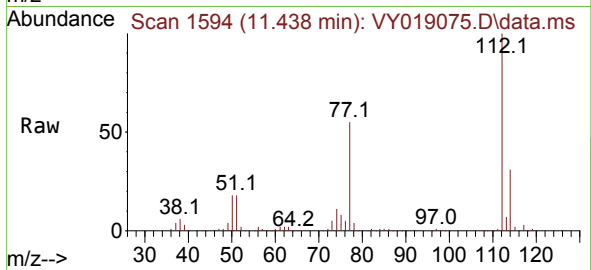
ClientSampleId :

Tgt Ion:112 Resp: 427660

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 100.636 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

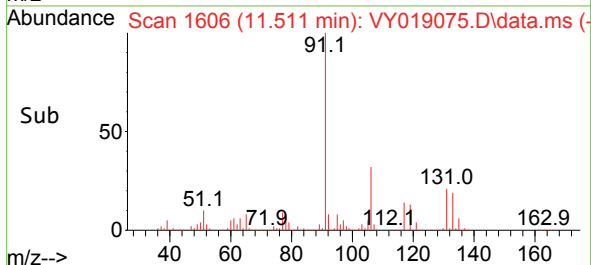
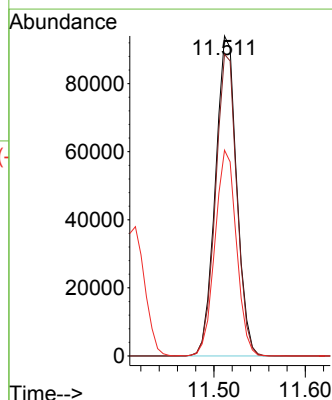
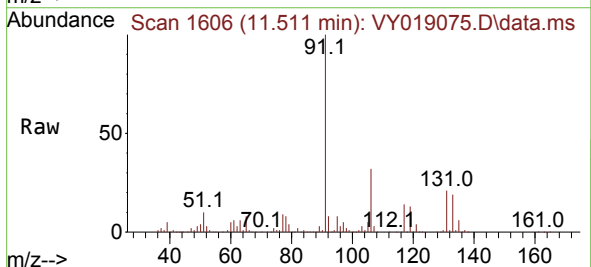
Tgt Ion:131 Resp: 151755

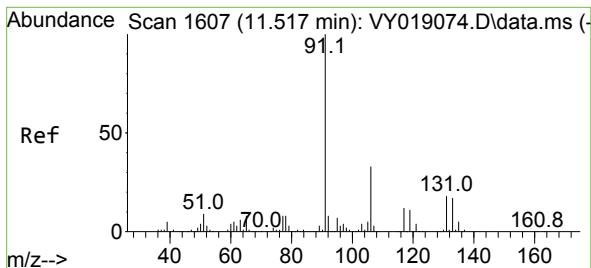
Ion Ratio Lower Upper

131 100

133 94.4 47.8 143.3

119 65.1 34.1 102.2





#67

Ethyl Benzene

Concen: 99.943 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

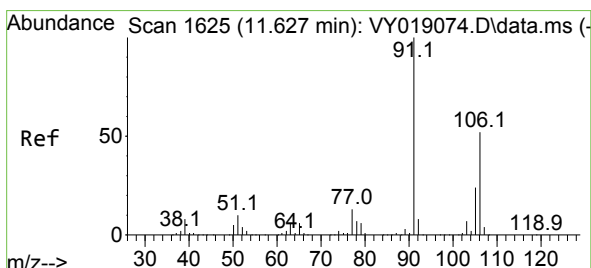
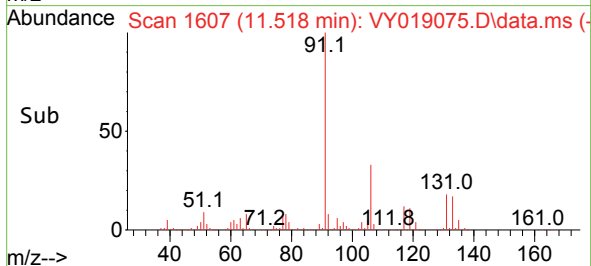
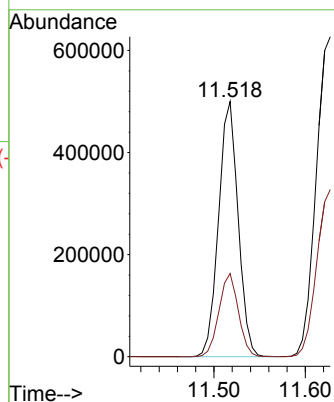
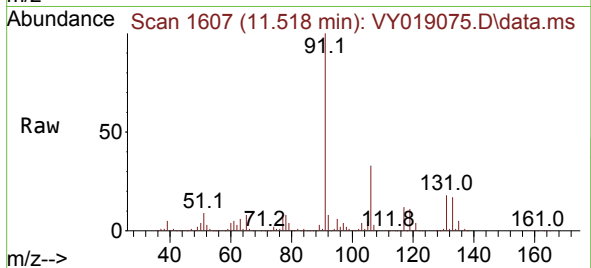
ClientSampleId :

Tgt Ion: 91 Resp: 743834

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 201.108 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019075.D

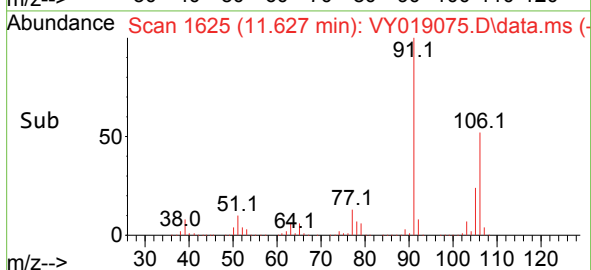
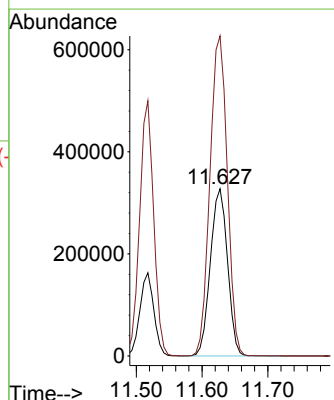
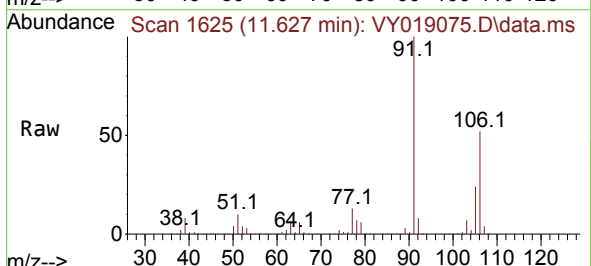
Acq: 15 Aug 2024 19:26

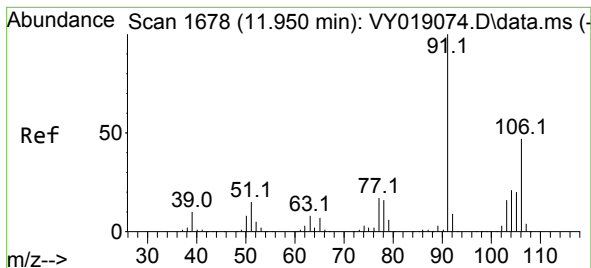
Tgt Ion: 106 Resp: 593903

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0

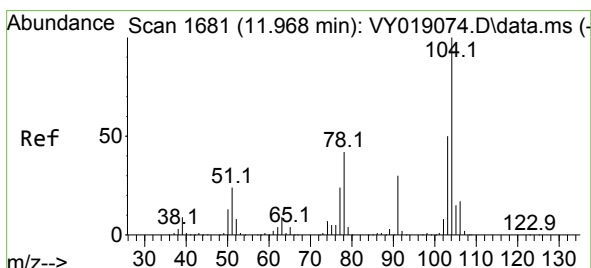
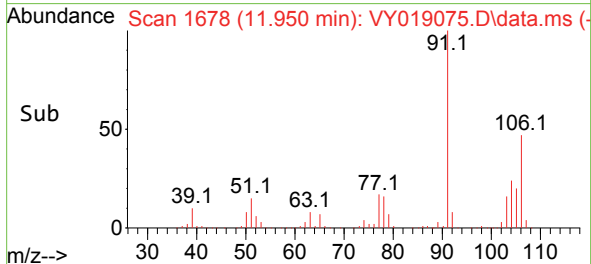
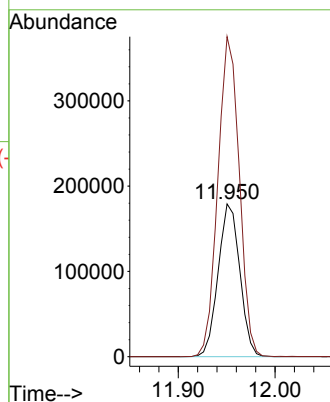
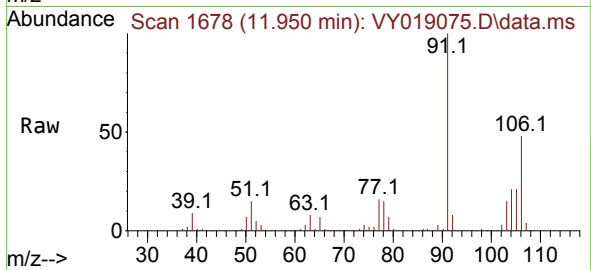




#69
o-Xylene
Concen: 101.869 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

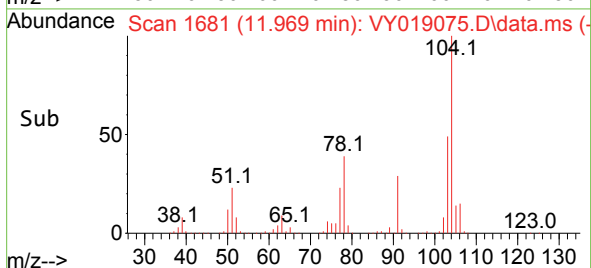
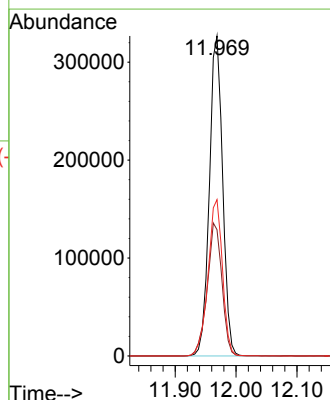
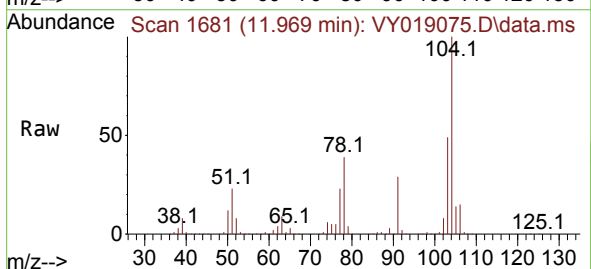
Instrument :
MSVOA_Y
ClientSampleId :

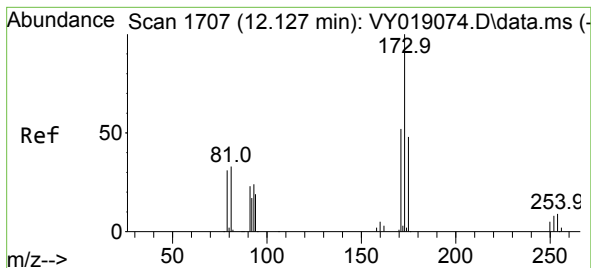
Tgt Ion:106 Resp: 278586
Ion Ratio Lower Upper
106 100
91 207.5 103.6 310.8



#70
Styrene
Concen: 106.106 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion:104 Resp: 494829
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 53.1 44.2 66.2





#71

Bromoform

Concen: 105.975 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019075.D

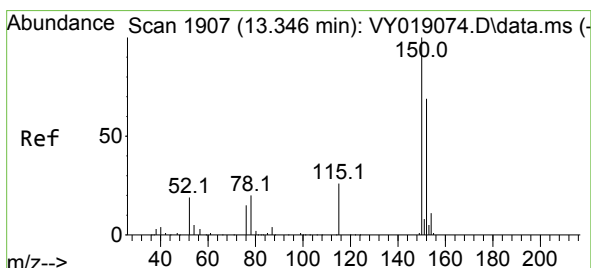
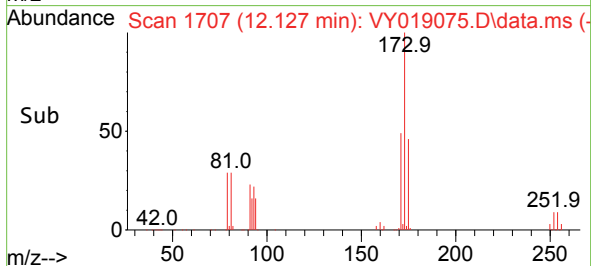
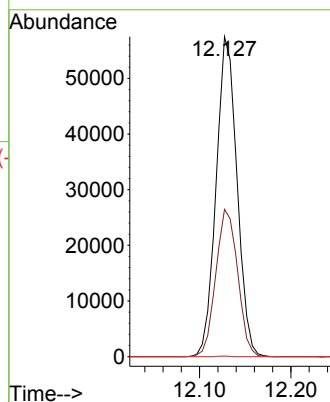
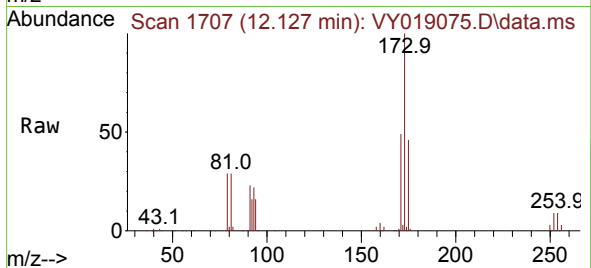
Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	91352
Ion Ratio	Lower	Upper	
173	100		
175	48.3	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

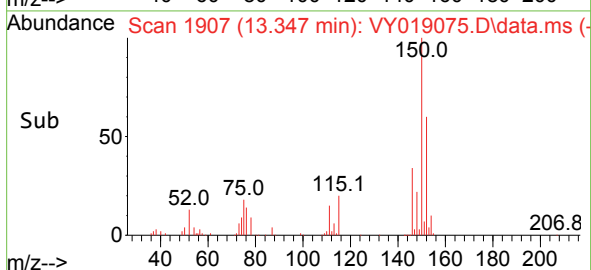
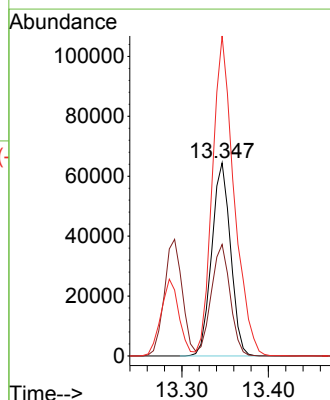
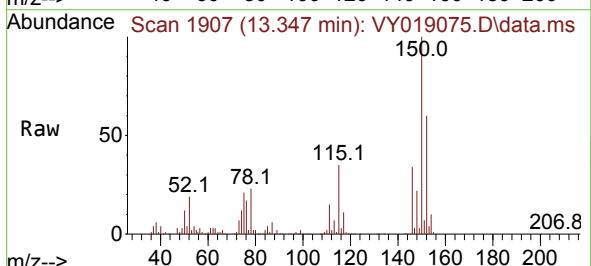
RT: 13.347 min Scan# 1907

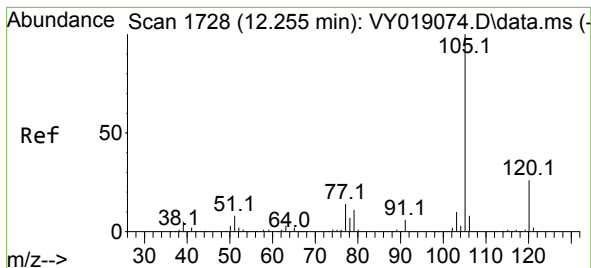
Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Tgt Ion:	152	Resp:	97332
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.2	84.7
150	190.9	0.0	345.6





#73

Isopropylbenzene

Concen: 98.153 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

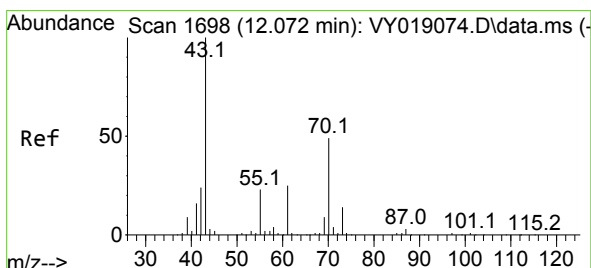
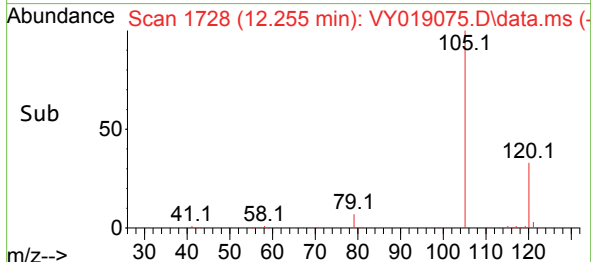
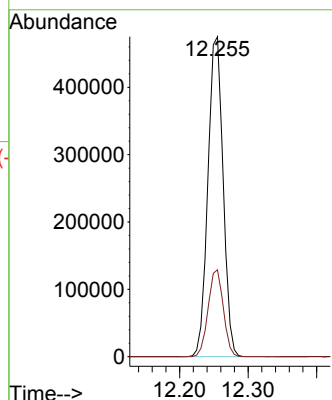
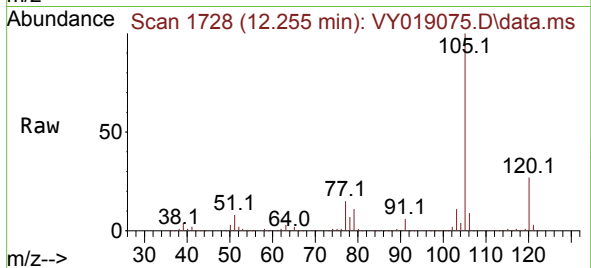
ClientSampleId :

Tgt Ion:105 Resp: 732225

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 99.375 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Tgt Ion: 43 Resp: 161654

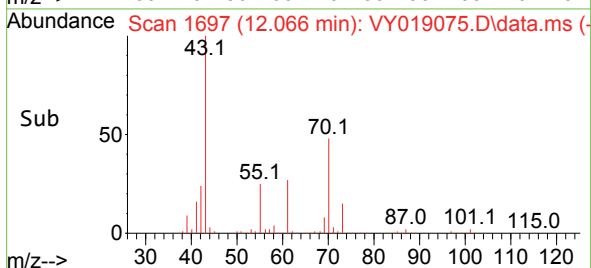
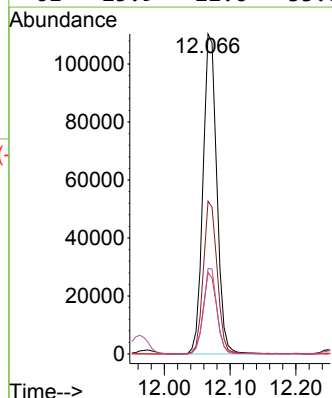
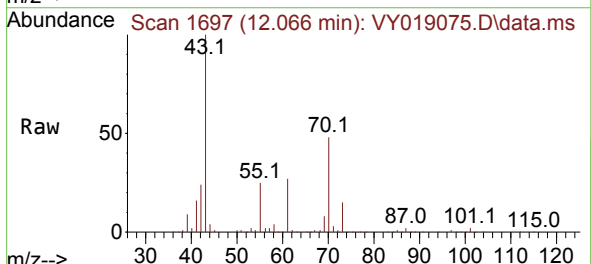
Ion Ratio Lower Upper

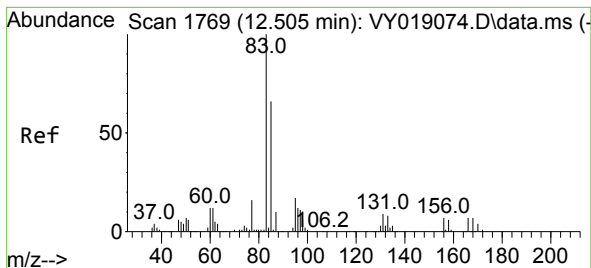
43 100

70 48.0 41.4 62.2

55 25.4 23.3 34.9

61 25.9 22.6 33.8

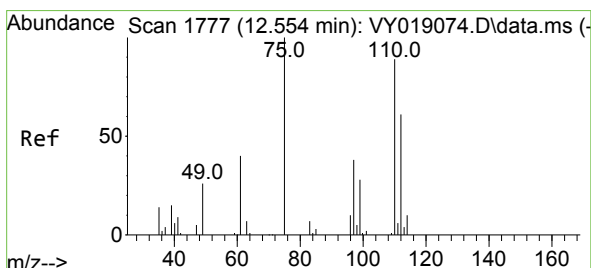
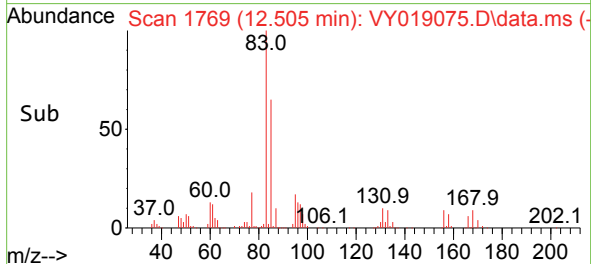
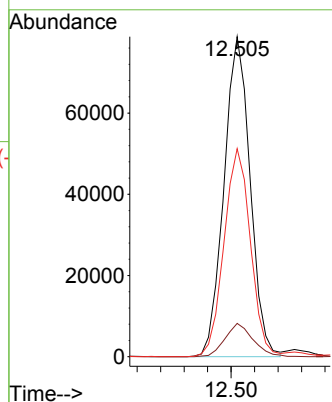
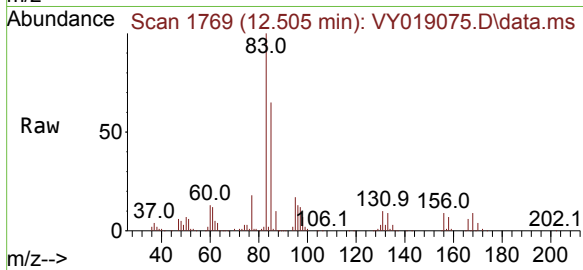




#75
 1,1,2,2-Tetrachloroethane
 Concen: 91.697 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

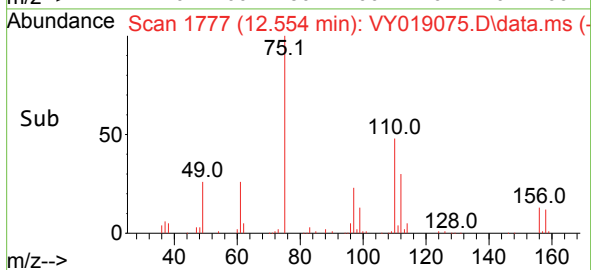
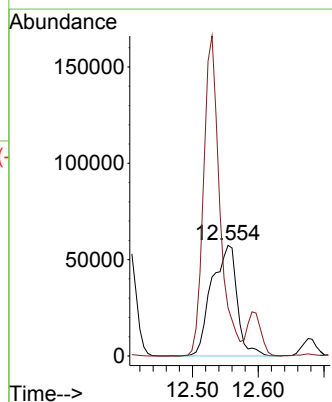
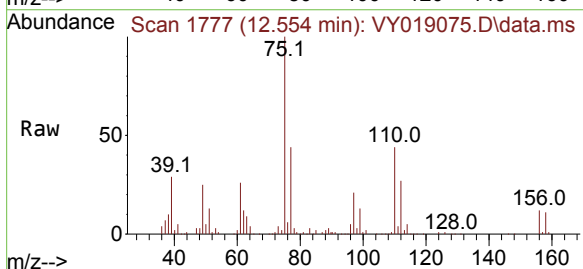
Instrument :
 MSVOA_Y
 ClientSampleId :

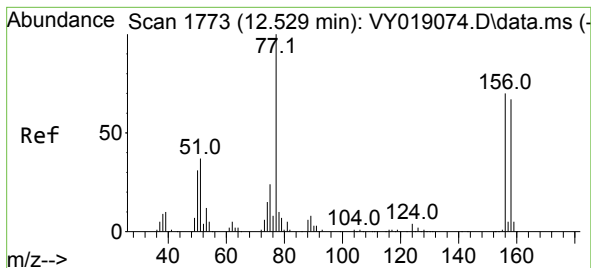
Tgt Ion: 83 Resp: 121783
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.0 14.9
 85 65.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 167.490 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

Tgt Ion: 75 Resp: 154840
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 97.204 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

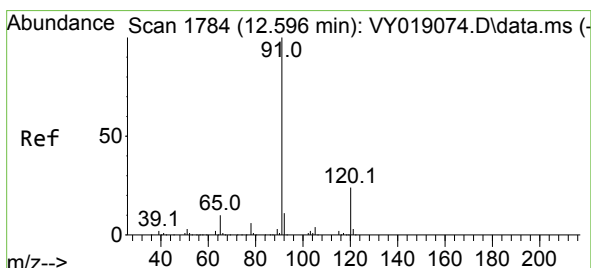
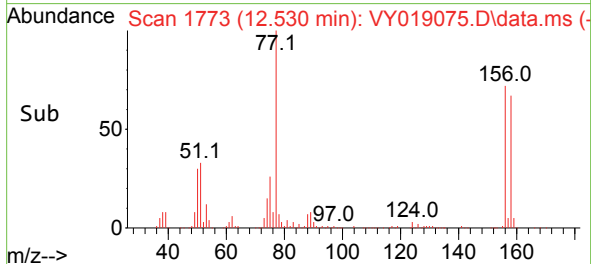
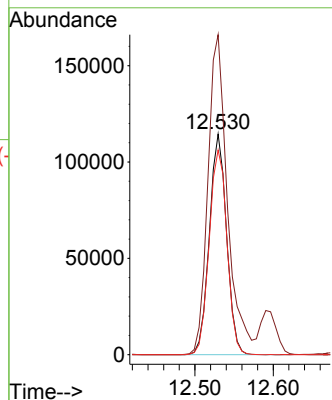
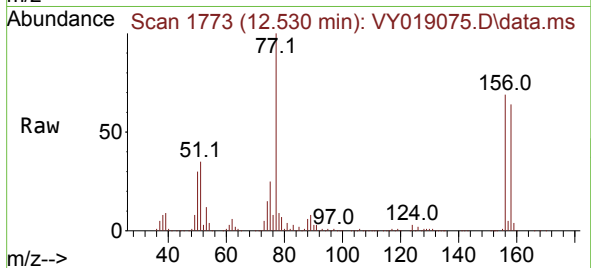
Tgt Ion:156 Resp: 174150

Ion Ratio Lower Upper

156 100

77 164.0 87.1 261.3

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 97.620 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019075.D

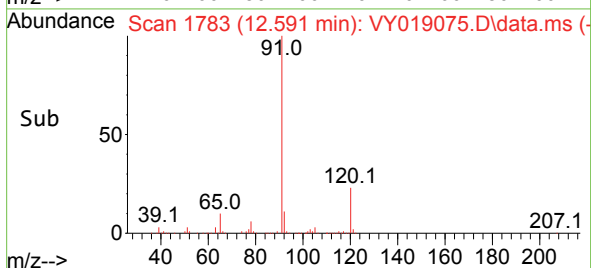
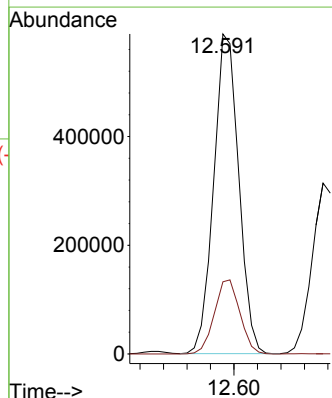
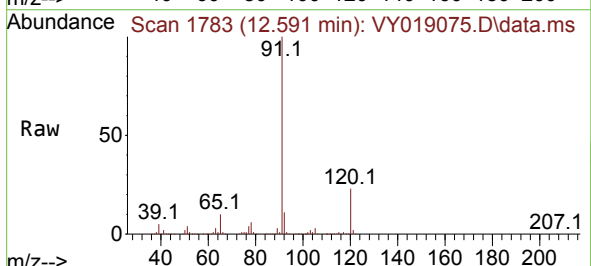
Acq: 15 Aug 2024 19:26

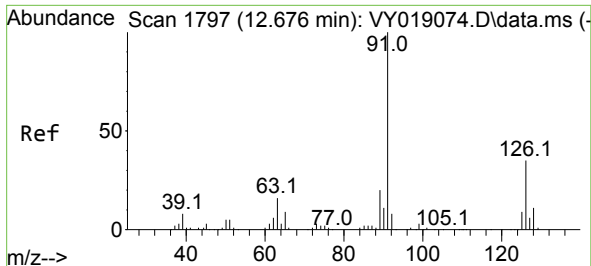
Tgt Ion: 91 Resp: 870578

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

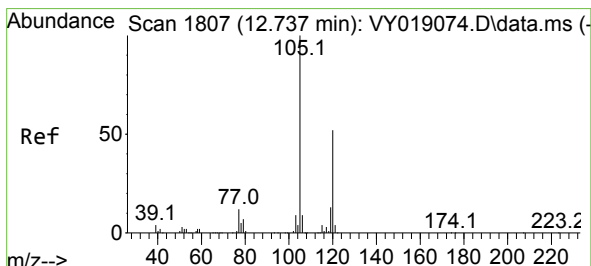
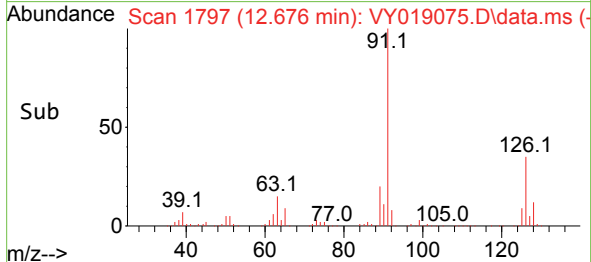
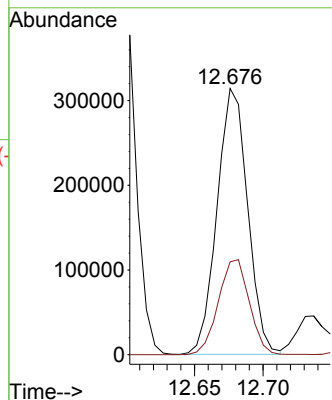
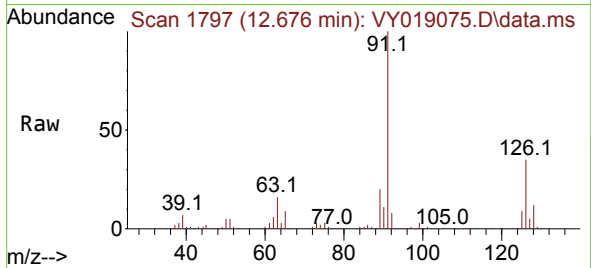




#79
2-Chlorotoluene
Concen: 97.756 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

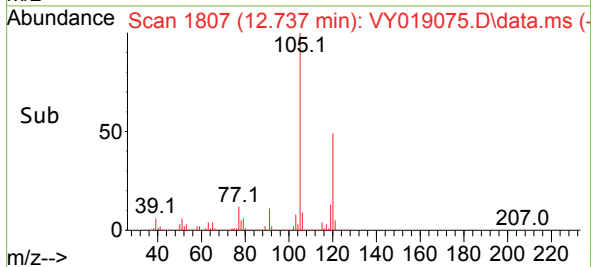
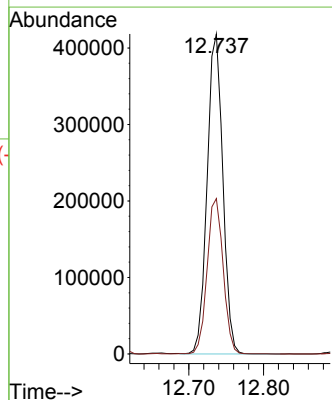
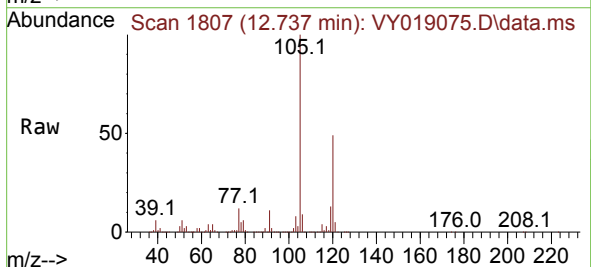
Instrument :
MSVOA_Y
ClientSampleId :

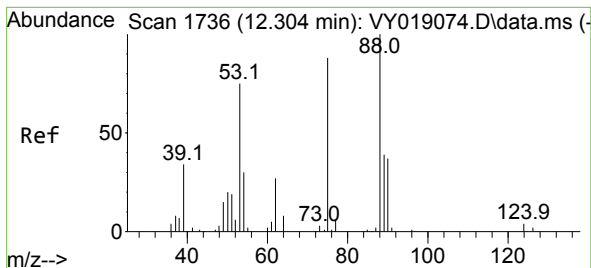
Tgt Ion: 91 Resp: 488757
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 100.020 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion: 105 Resp: 607856
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

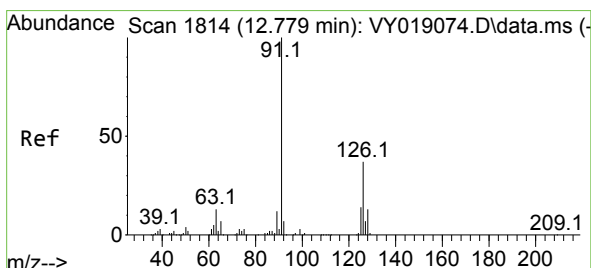
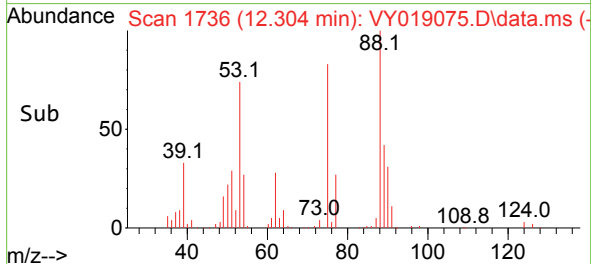
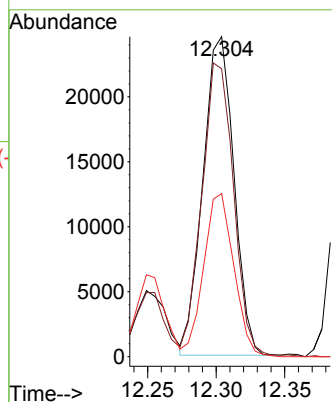
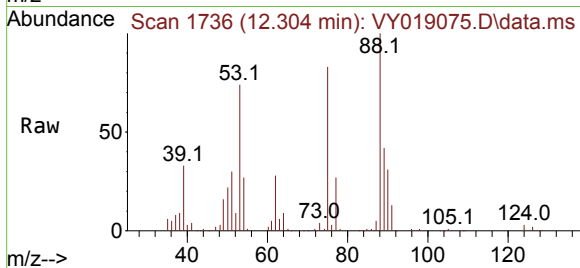




#81
trans-1,4-Dichloro-2-butene
Concen: 99.304 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

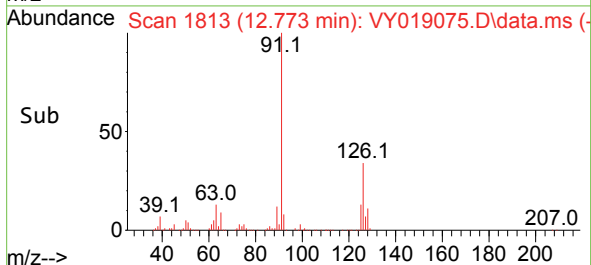
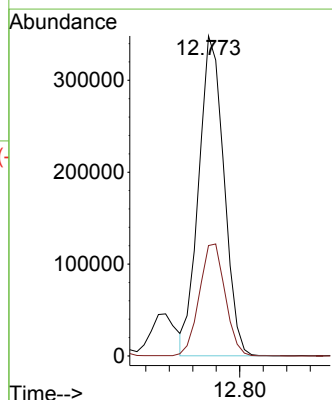
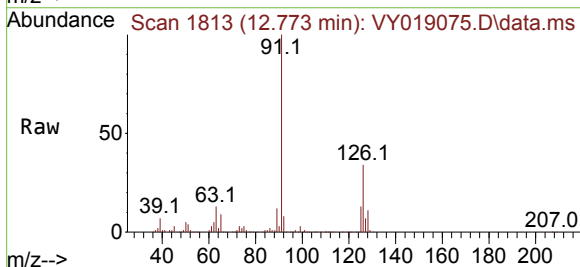
Instrument :
MSVOA_Y
ClientSampleId :

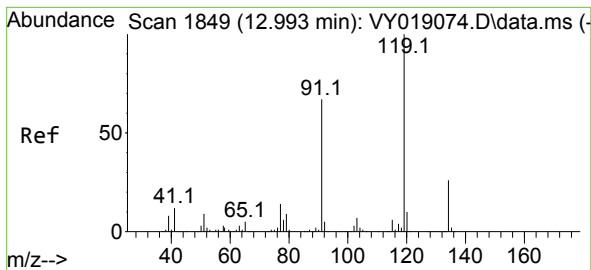
Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	66.8	100.2
89	50.0	35.8	53.6



#82
4-Chlorotoluene
Concen: 99.876 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019075.D
Acq: 15 Aug 2024 19:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 102.473 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

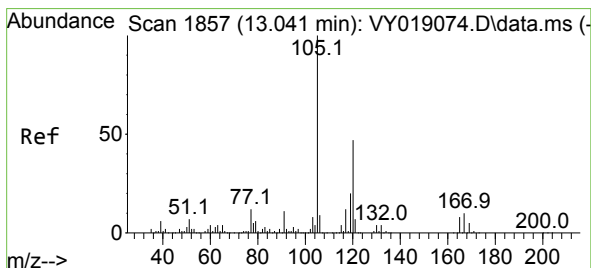
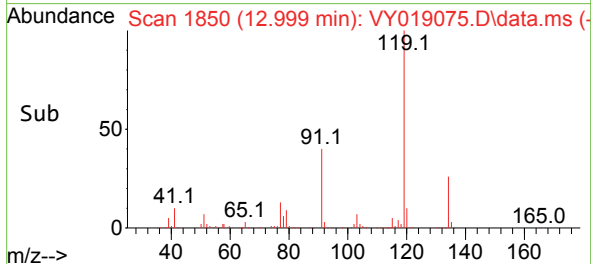
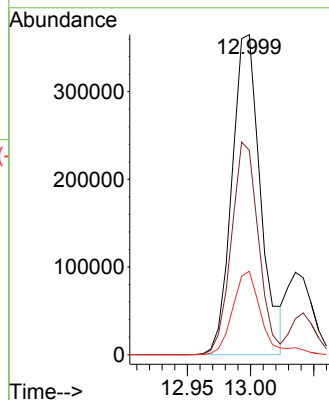
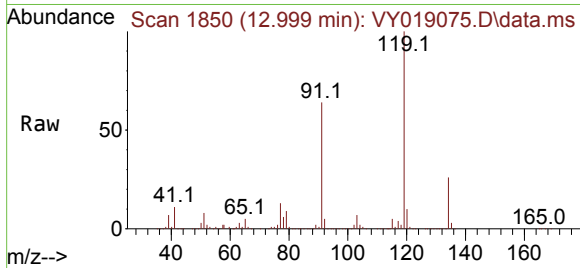
Tgt Ion:119 Resp: 575111

Ion Ratio Lower Upper

119 100

91 63.1 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 102.226 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019075.D

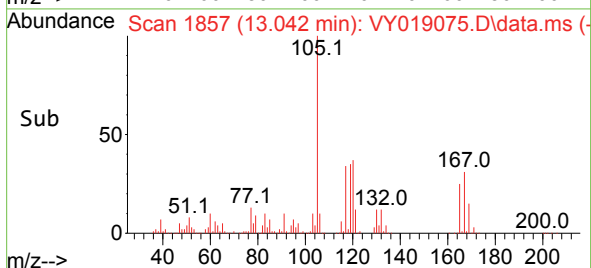
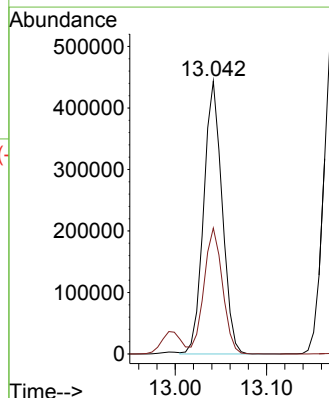
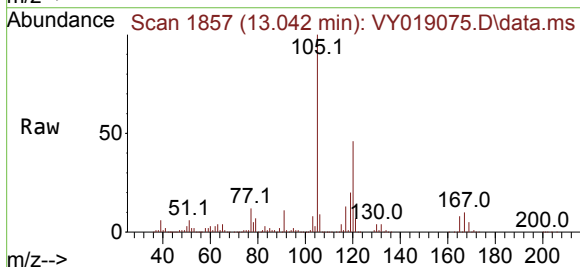
Acq: 15 Aug 2024 19:26

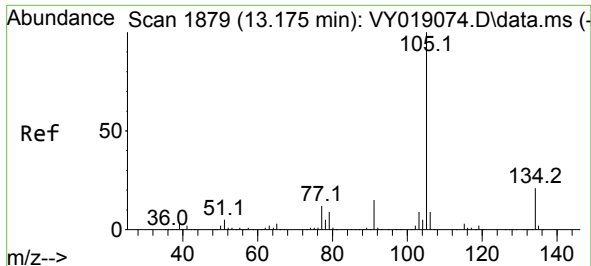
Tgt Ion:105 Resp: 619185

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6

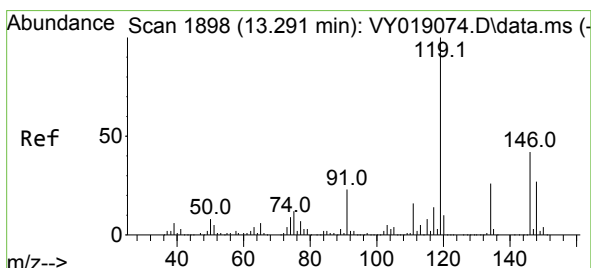
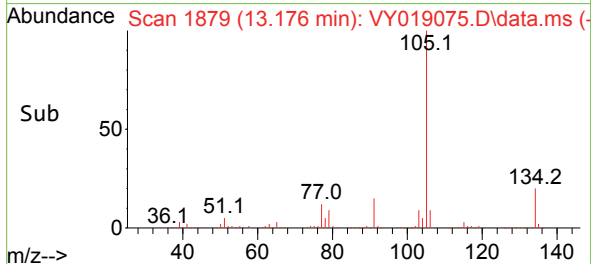
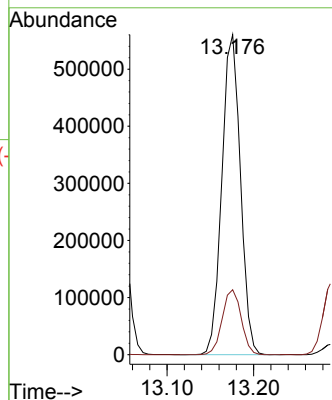
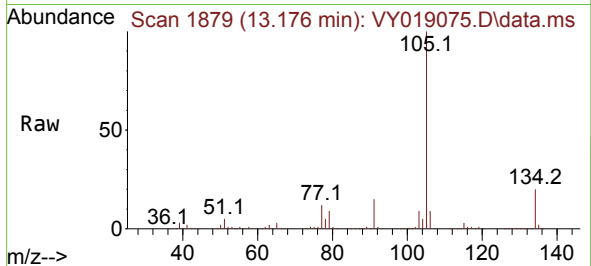




#85
 sec-Butylbenzene
 Concen: 101.845 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

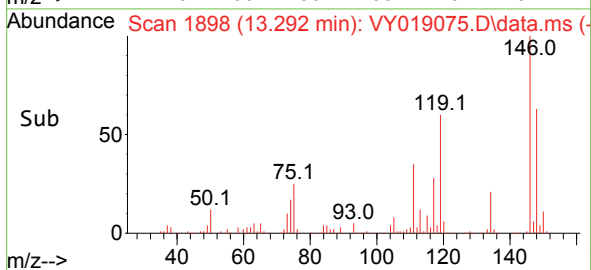
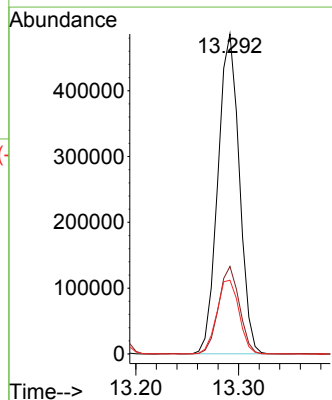
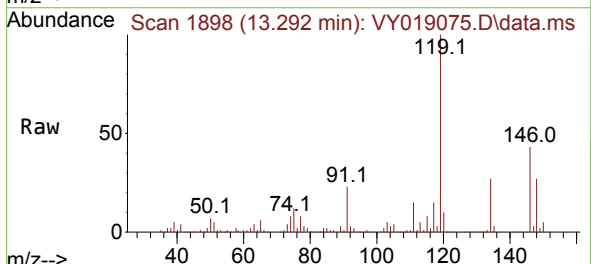
Instrument :
 MSVOA_Y
 ClientSampleId :

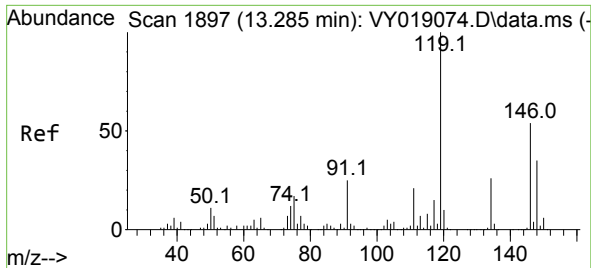
Tgt Ion:105 Resp: 832954
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 104.464 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

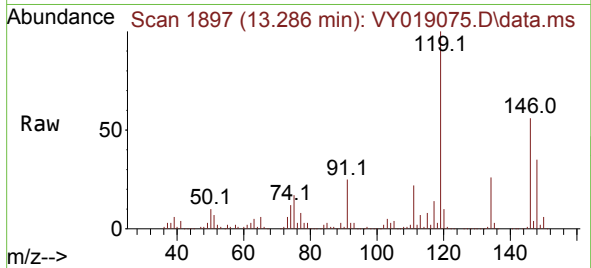
Tgt Ion:119 Resp: 701773
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 24.1 10.7 32.1



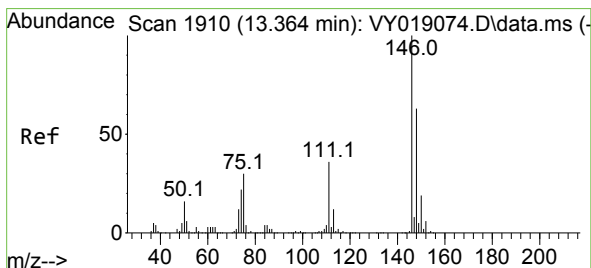
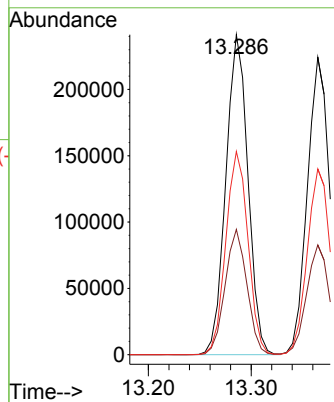
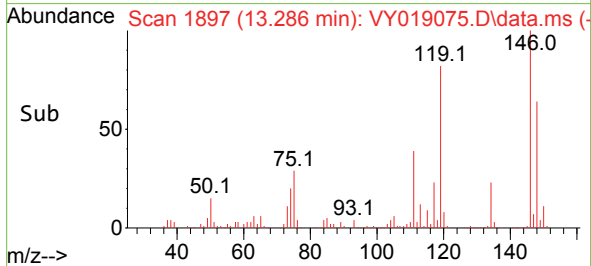


#87
 1,3-Dichlorobenzene
 Concen: 102.077 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26

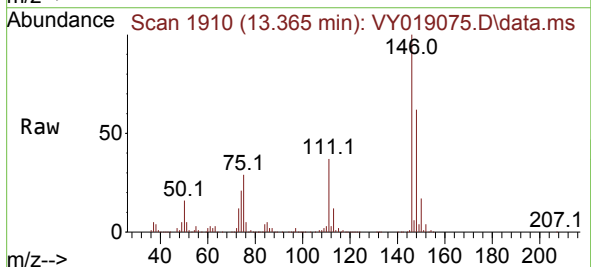
Instrument :
 MSVOA_Y
 ClientSampleId :



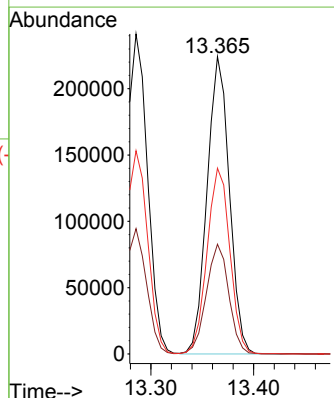
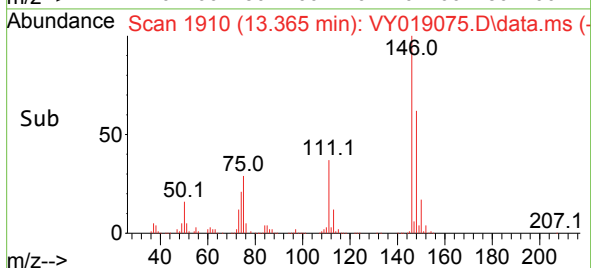
Tgt Ion:146 Resp: 360663
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.0 57.0
 148 63.8 31.7 95.1

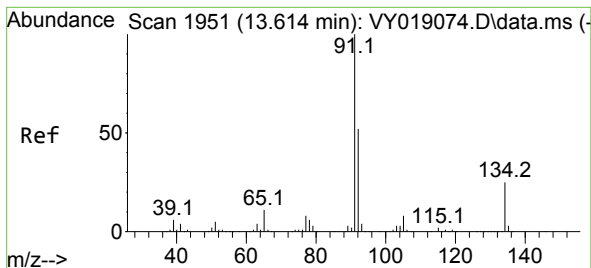


#88
 1,4-Dichlorobenzene
 Concen: 96.447 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY019075.D
 Acq: 15 Aug 2024 19:26



Tgt Ion:146 Resp: 338741
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.4
 148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 100.122 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

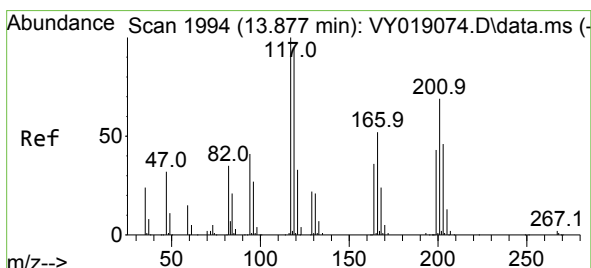
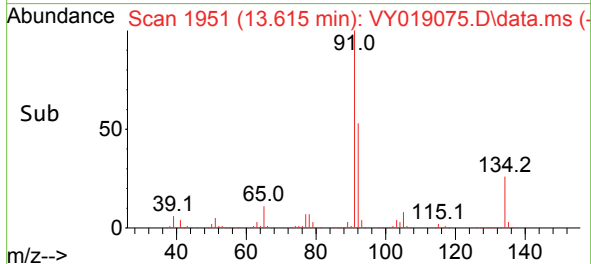
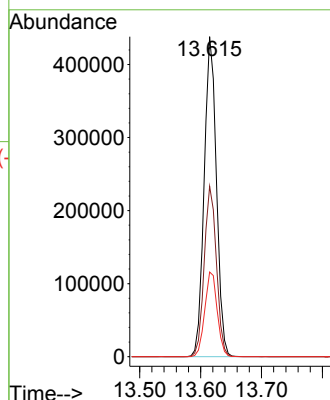
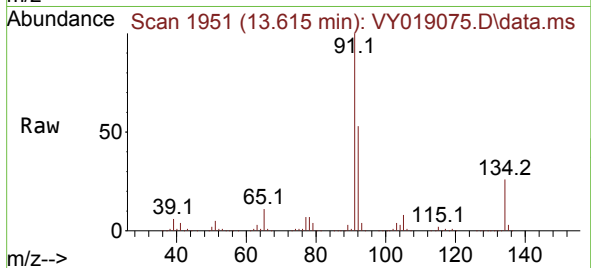
Tgt Ion: 91 Resp: 613221

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.9 12.9 38.7



#90

Hexachloroethane

Concen: 101.704 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019075.D

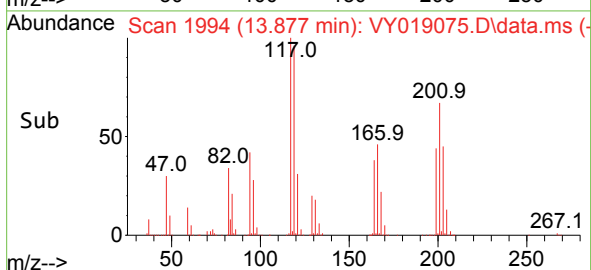
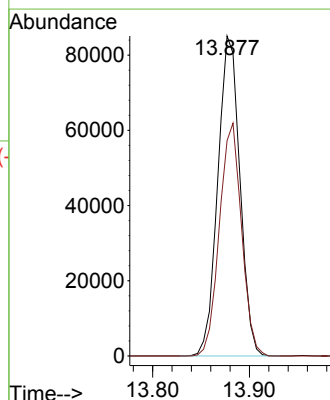
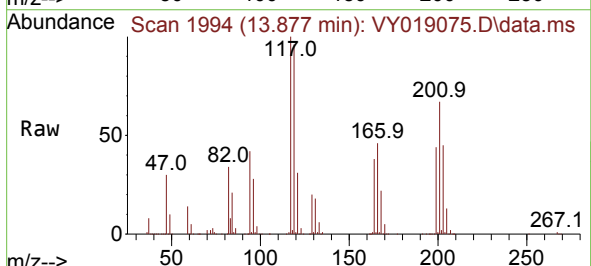
Acq: 15 Aug 2024 19:26

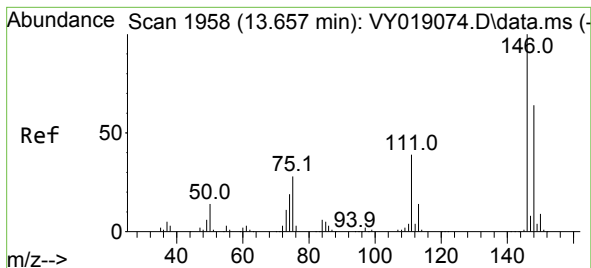
Tgt Ion: 117 Resp: 134668

Ion Ratio Lower Upper

117 100

201 73.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 97.075 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

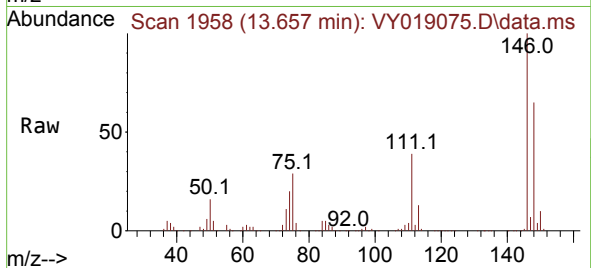
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :



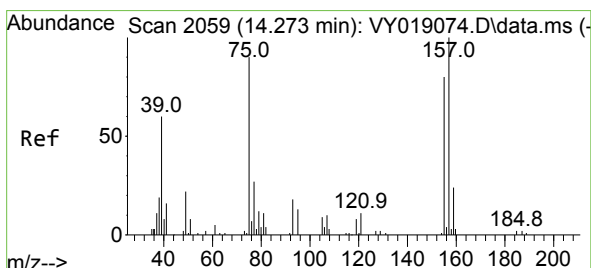
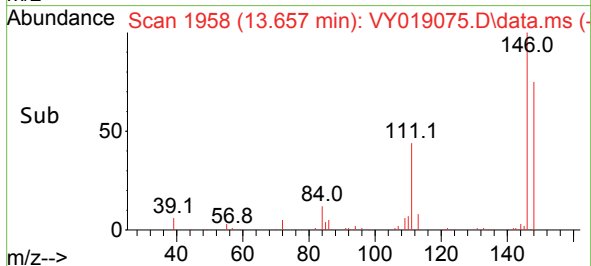
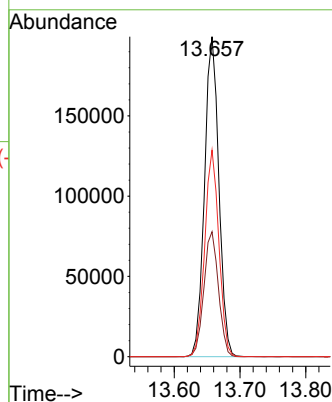
Tgt Ion:146 Resp: 301659

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 101.793 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

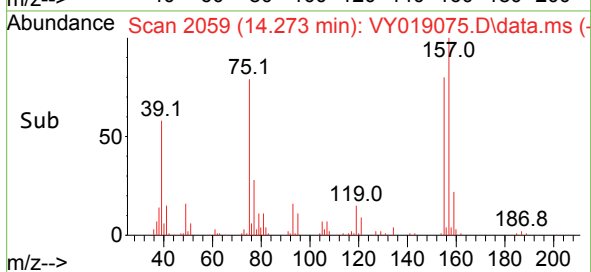
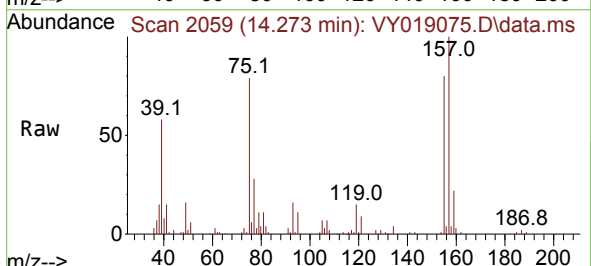
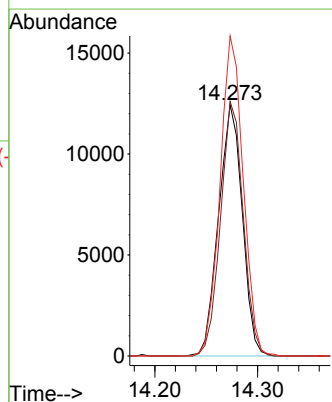
Tgt Ion: 75 Resp: 19888

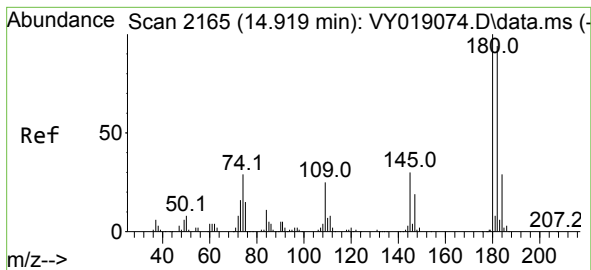
Ion Ratio Lower Upper

75 100

155 96.9 48.6 145.8

157 124.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 104.524 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :

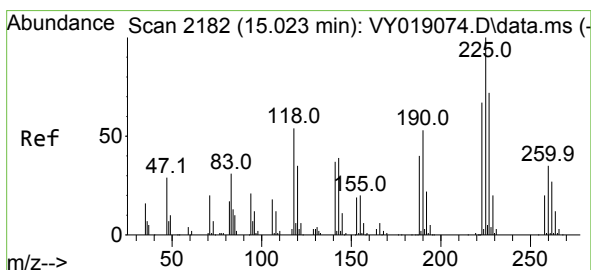
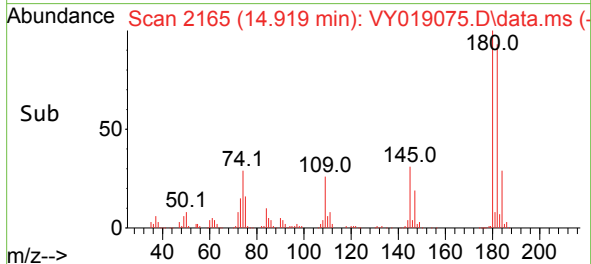
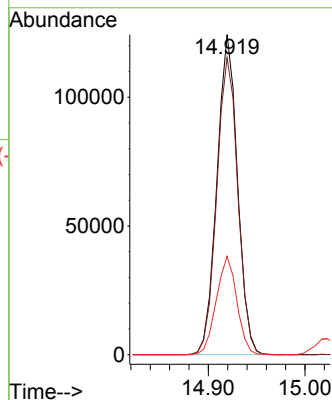
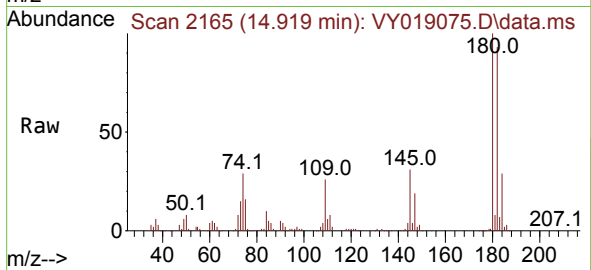
Tgt Ion:180 Resp: 183172

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 103.511 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

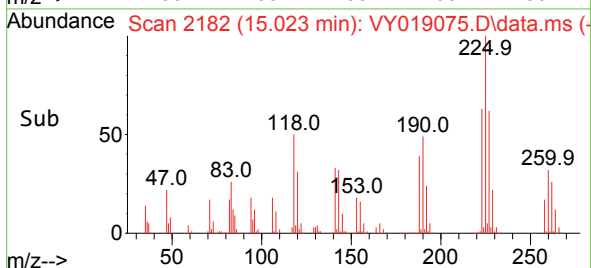
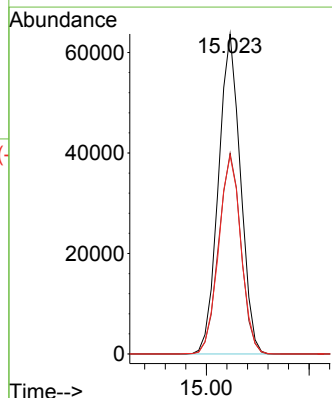
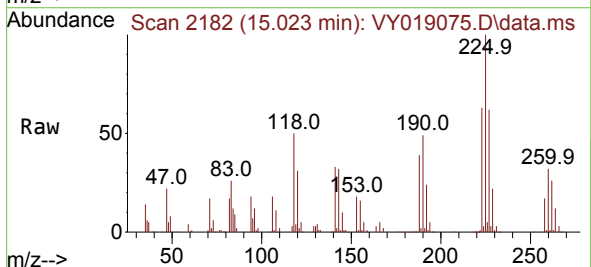
Tgt Ion:225 Resp: 94484

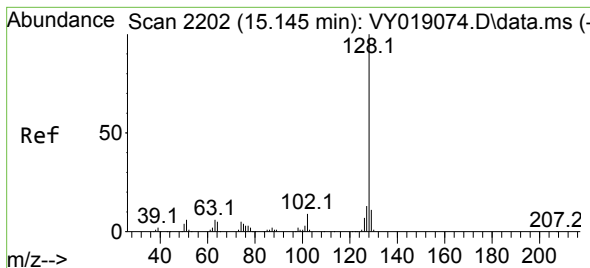
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 112.877 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

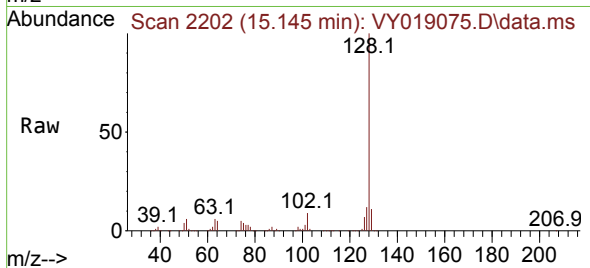
Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Instrument :

MSVOA_Y

ClientSampleId :



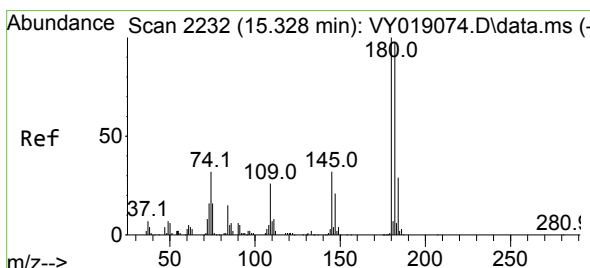
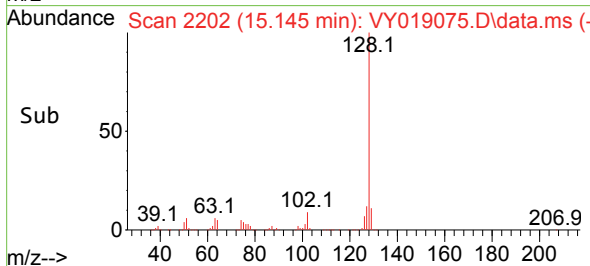
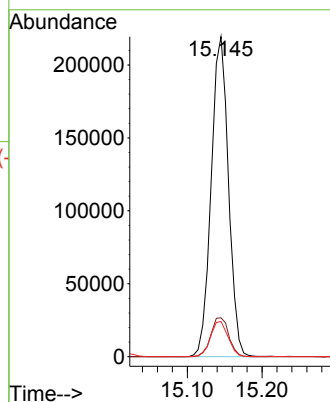
Tgt Ion:128 Resp: 353032

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 107.435 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019075.D

Acq: 15 Aug 2024 19:26

Tgt Ion:180 Resp: 158794

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 31.8 15.4 46.1

