

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012963.D
 Acq On : 16 Mar 2023 12:07
 Operator : KP/MD
 Sample : VY0316SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

Quant Time: Mar 17 01:33:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45262	46.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.716	113	43759	48.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.179	98	145981	43.857	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.483	95	53709	47.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20297	21.147	ug/l	100
3) Chloromethane	2.113	50	22397	19.519	ug/l	100
4) Vinyl Chloride	2.253	62	21527	20.459	ug/l	98
5) Bromomethane	2.644	94	13146	20.562	ug/l	96
6) Chloroethane	2.790	64	13561	21.521	ug/l	96
7) Trichlorofluoromethane	3.125	101	37550	21.487	ug/l	99
8) Diethyl Ether	3.528	74	13327	21.762	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	22697	21.588	ug/l	99
10) Methyl Iodide	4.095	142	27947	20.400	ug/l	97
11) Tert butyl alcohol	4.948	59	15239	127.153	ug/l	97
12) 1,1-Dichloroethene	3.869	96	21083	21.025	ug/l	92
13) Acrolein	3.729	56	14293	84.381	ug/l	100
14) Allyl chloride	4.479	41	34991	18.891	ug/l	96
15) Acrylonitrile	5.155	53	36239	112.309	ug/l	98
16) Acetone	3.942	43	42541	112.103	ug/l	99
17) Carbon Disulfide	4.192	76	64584	18.922	ug/l	99
18) Methyl Acetate	4.473	43	24137	21.359	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	57688	22.273	ug/l	99
20) Methylene Chloride	4.710	84	28386	21.444	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	22509	20.656	ug/l	97
22) Diisopropyl ether	6.119	45	74367	22.105	ug/l	95
23) Vinyl Acetate	6.064	43	228719	109.416	ug/l	99
24) 1,1-Dichloroethane	6.015	63	41664	21.733	ug/l	97
25) 2-Butanone	6.984	43	54284	115.493	ug/l	97
26) 2,2-Dichloropropane	6.984	77	37427	21.981	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25686	21.986	ug/l	99
28) Bromochloromethane	7.332	49	15664	22.359	ug/l	94
29) Tetrahydrofuran	7.344	42	32581	114.932	ug/l	98
30) Chloroform	7.502	83	43740	23.099	ug/l	97
31) Cyclohexane	7.783	56	35638	19.247	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	37973	22.175	ug/l	99
36) 1,1-Dichloropropene	7.917	75	31149	20.415	ug/l	99
37) Ethyl Acetate	7.076	43	21510	22.367	ug/l	100
38) Carbon Tetrachloride	7.899	117	34856	22.122	ug/l	96
39) Methylcyclohexane	9.185	83	36177	19.943	ug/l	97
40) Benzene	8.161	78	93560	21.677	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	30379	58.632	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	29475	22.715	ug/l	99
43) Isopropyl Acetate	8.271	43	38266	22.303	ug/l	98
44) Trichloroethene	8.941	130	25011	21.979	ug/l	96
45) 1,2-Dichloropropane	9.216	63	23581	21.618	ug/l	97
46) Dibromomethane	9.301	93	14330	23.060	ug/l	97
47) Bromodichloromethane	9.496	83	33656	22.983	ug/l #	98
48) Methyl methacrylate	9.295	41	16910	21.389	ug/l	96
49) 1,4-Dioxane	9.295	88	3925	488.584	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	108329	116.396	ug/l	99
52) Toluene	10.246	92	59256	22.765	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	34162	22.241	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	38375	22.073	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	20114	23.242	ug/l	99
56) Ethyl methacrylate	10.508	69	26307	22.798	ug/l	96
57) 1,3-Dichloropropane	10.788	76	33205	22.527	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	68716	113.435	ug/l	99
59) 2-Hexanone	10.831	43	81043	119.813	ug/l	100
60) Dibromochloromethane	10.984	129	24422	23.183	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19096	22.906	ug/l	99
64) Tetrachloroethene	10.721	164	21426	21.565	ug/l	97
65) Chlorobenzene	11.514	112	62965	21.985	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	23969	22.617	ug/l	99
67) Ethyl Benzene	11.593	91	108582	21.564	ug/l	99
68) m/p-Xylenes	11.703	106	84027	43.378	ug/l	97
69) o-Xylene	12.026	106	39620	21.915	ug/l	99
70) Styrene	12.044	104	68065	22.561	ug/l	99
71) Bromoform	12.209	173	16377	23.701	ug/l #	97
73) Isopropylbenzene	12.331	105	105577	20.602	ug/l	100
74) N-amyl acetate	12.142	43	32661	20.257	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	25923	22.503	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32387	37.508	ug/l #	100
77) Bromobenzene	12.611	156	26459	21.254	ug/l	98
78) n-propylbenzene	12.672	91	132815	21.022	ug/l	99
79) 2-Chlorotoluene	12.758	91	73824	21.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	90063	21.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8924	21.414	ug/l	98
82) 4-Chlorotoluene	12.855	91	78158	21.502	ug/l	98
83) tert-Butylbenzene	13.075	119	76633	20.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	88299	21.352	ug/l	100
85) sec-Butylbenzene	13.251	105	116911	20.995	ug/l	100
86) p-Isopropyltoluene	13.367	119	97486	21.420	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53167	22.143	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	52346	21.361	ug/l	97
89) n-Butylbenzene	13.697	91	89216	20.477	ug/l	98
90) Hexachloroethane	13.959	117	20184	21.293	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	46739	21.534	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4278	22.979	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	28809	21.558	ug/l	99
94) Hexachlorobutadiene	15.111	225	17390	21.336	ug/l	99
95) Naphthalene	15.239	128	57702	21.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25986	21.864	ug/l	99

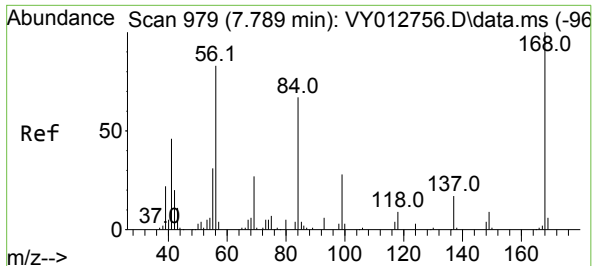
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
Data File : VY012963.D
Acq On : 16 Mar 2023 12:07
Operator : KP/MD
Sample : VY0316SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBSD01

Quant Time: Mar 17 01:33:30 2023
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Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

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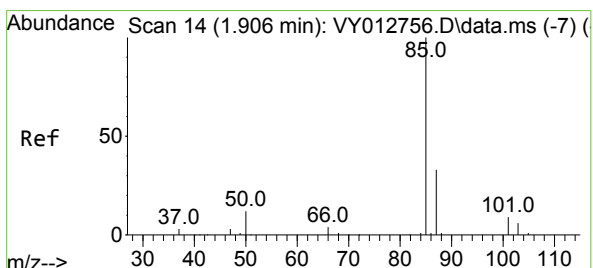
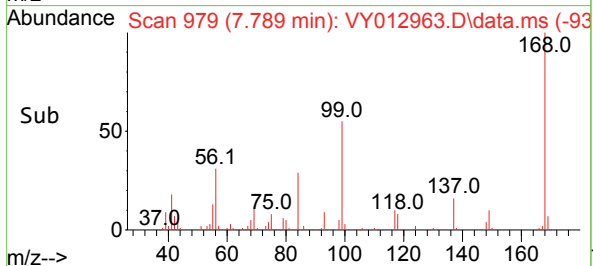
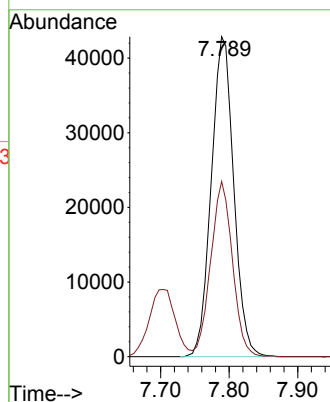
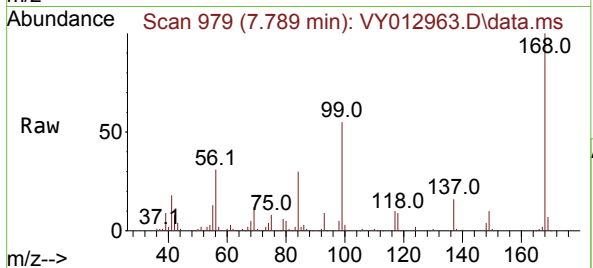
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

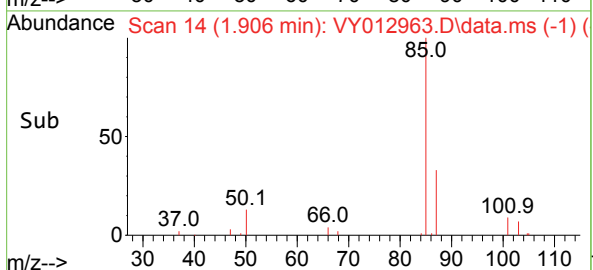
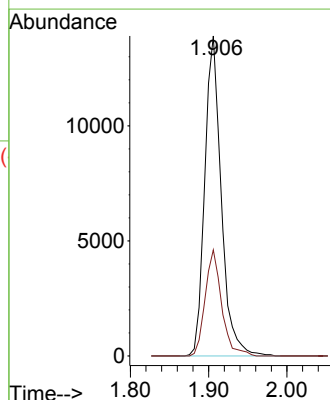
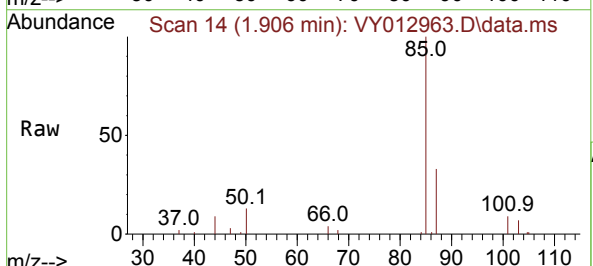
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

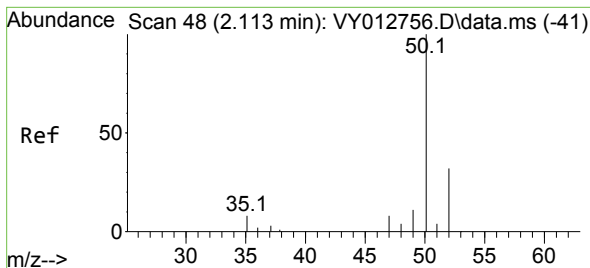
Tgt Ion:168 Resp: 97376
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 21.147 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 85 Resp: 20297
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





#3

Chloromethane

Concen: 19.519 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

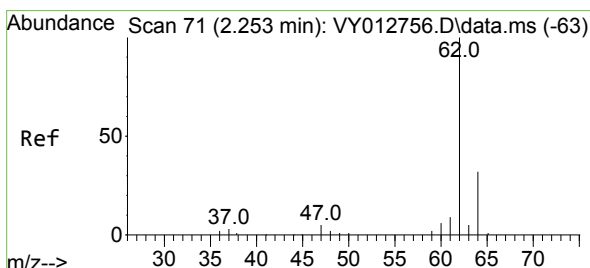
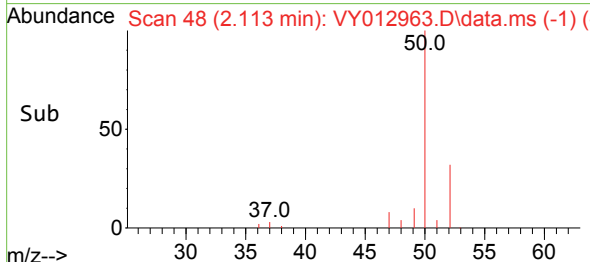
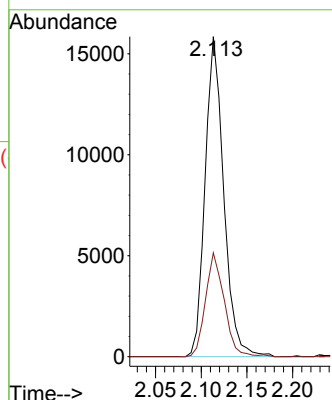
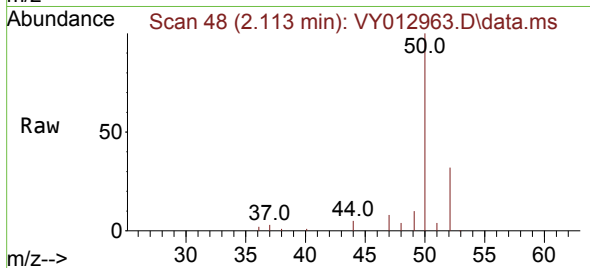
VY0316SBS01

Tgt Ion: 50 Resp: 22397

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 20.459 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY012963.D

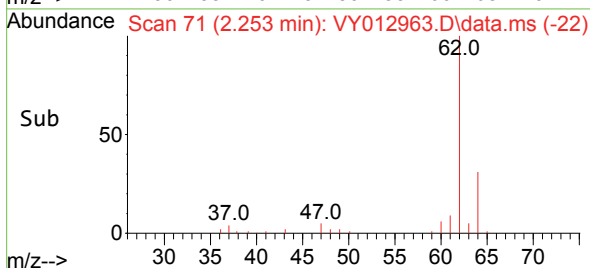
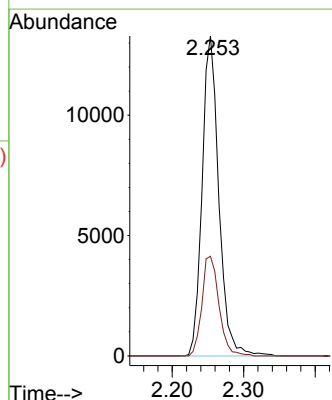
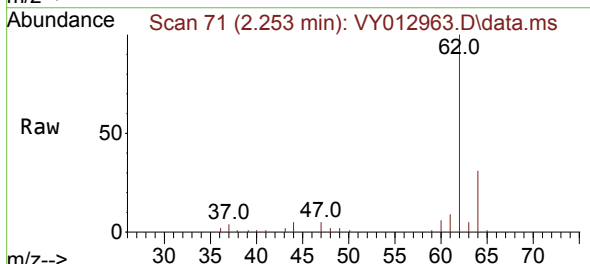
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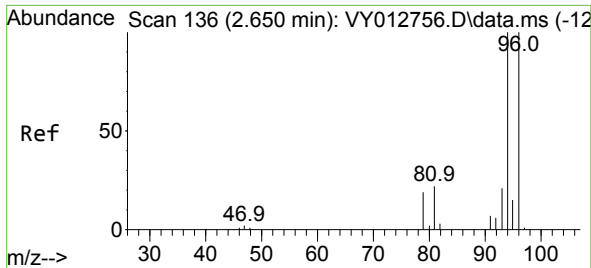
Tgt Ion: 62 Resp: 21527

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 20.562 ug/l

RT: 2.644 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

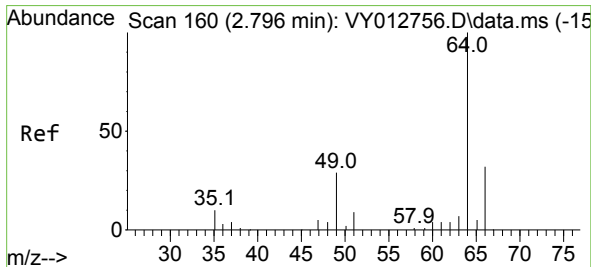
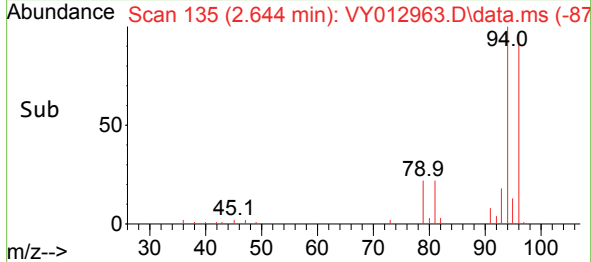
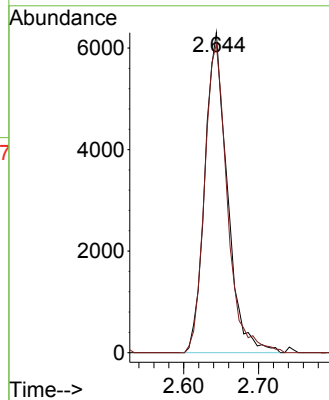
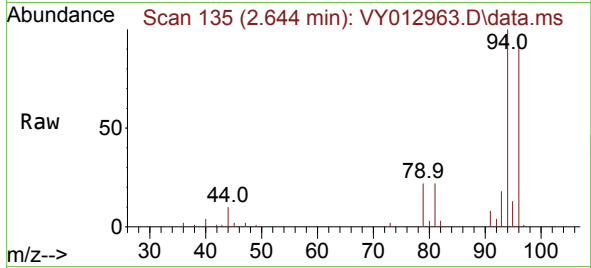
VY0316SBS01

Tgt Ion: 94 Resp: 13146

Ion Ratio Lower Upper

94 100

96 96.4 80.3 120.5



#6

Chloroethane

Concen: 21.521 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012963.D

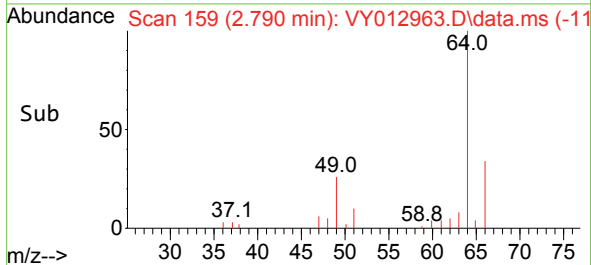
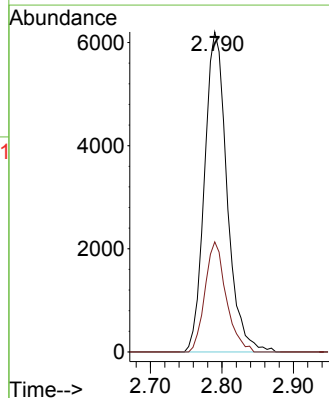
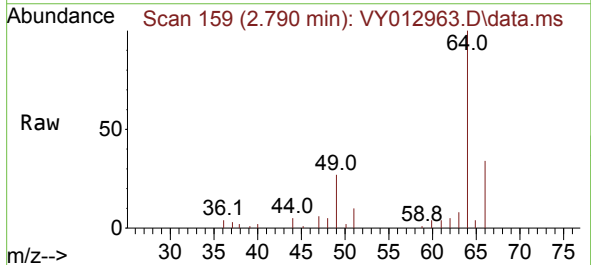
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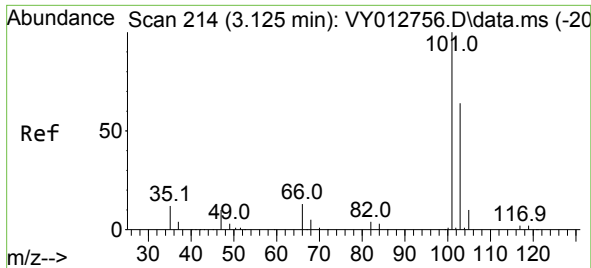
Tgt Ion: 64 Resp: 13561

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5

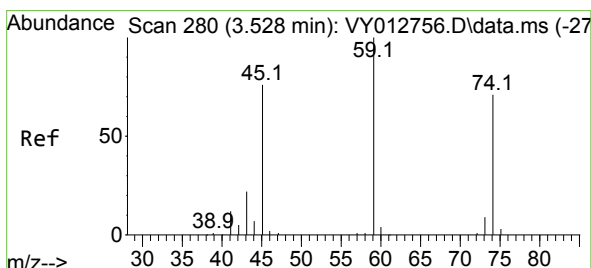
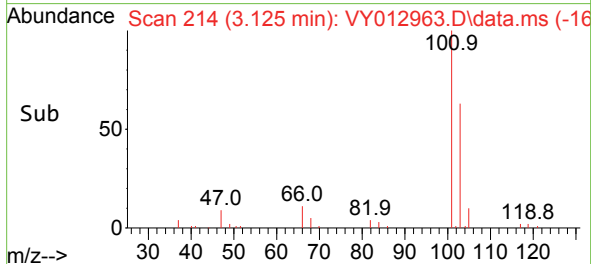
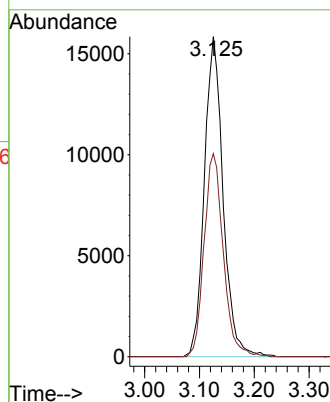
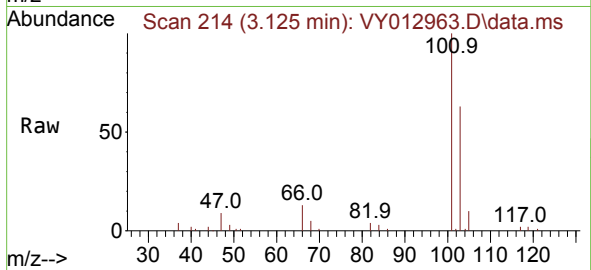




#7
 Trichlorofluoromethane
 Concen: 21.487 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

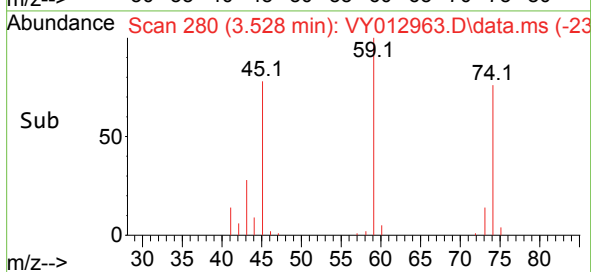
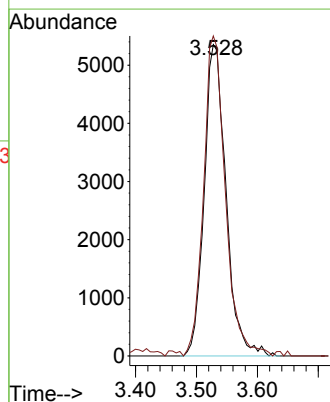
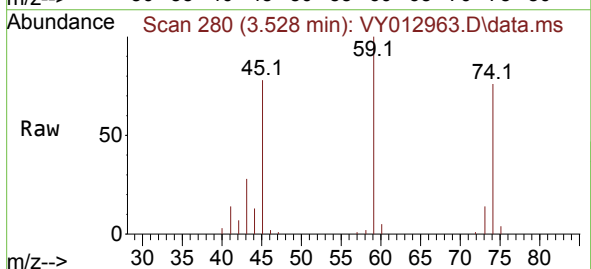
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBSD01

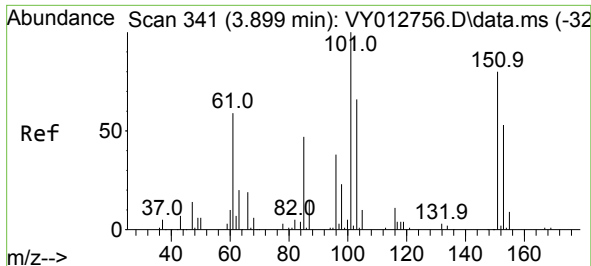
Tgt Ion:101 Resp: 37550
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.762 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

Tgt Ion: 74 Resp: 13327
 Ion Ratio Lower Upper
 74 100
 45 102.8 52.1 156.4

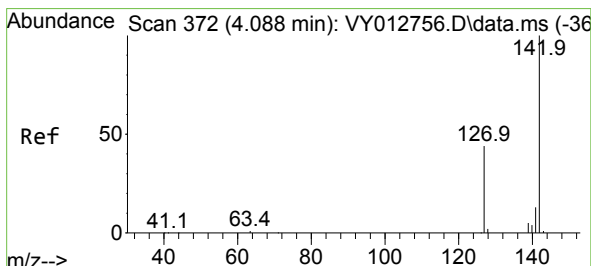
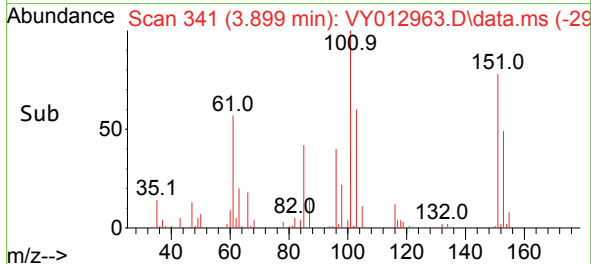
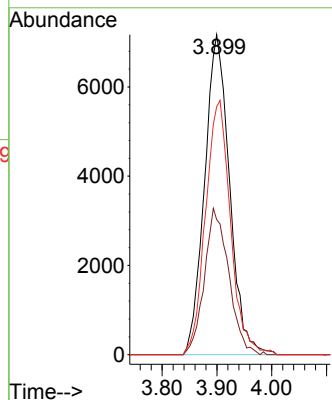
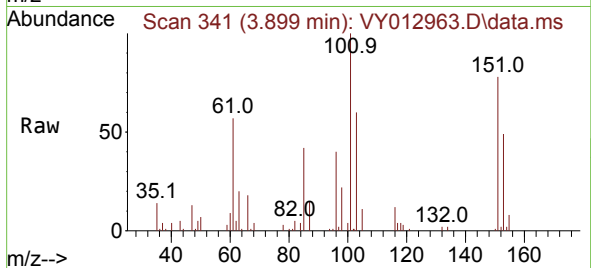




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.588 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

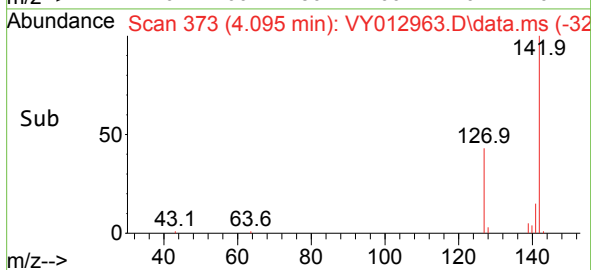
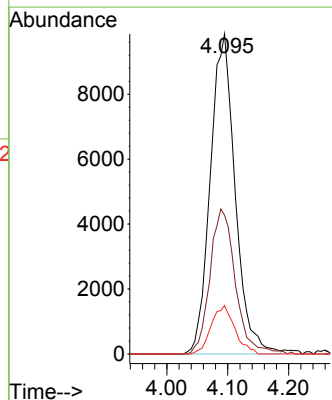
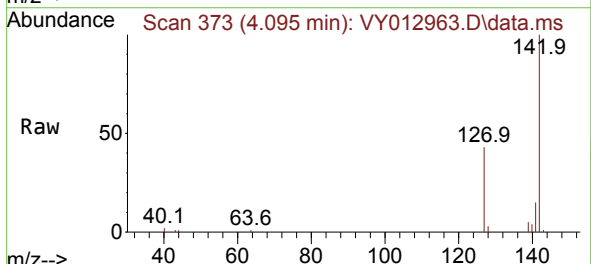
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

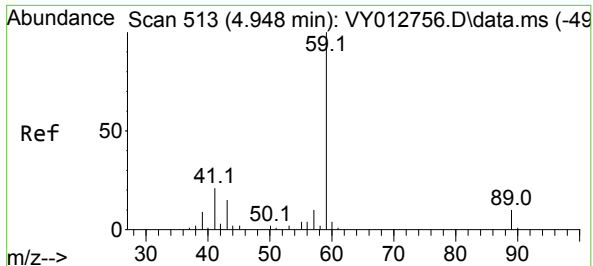
Tgt Ion:	101	Resp:	22697
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.3	52.9
151	79.4	63.1	94.7



#10
Methyl Iodide
Concen: 20.400 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:	142	Resp:	27947
Ion	Ratio	Lower	Upper
142	100		
127	46.3	35.4	53.2
141	14.4	11.3	16.9

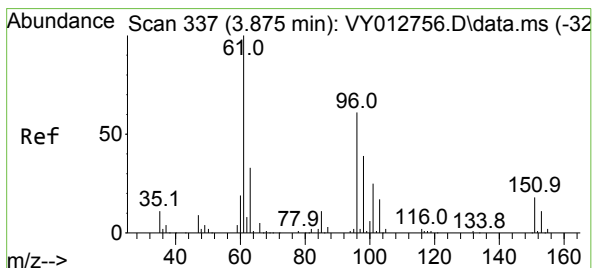
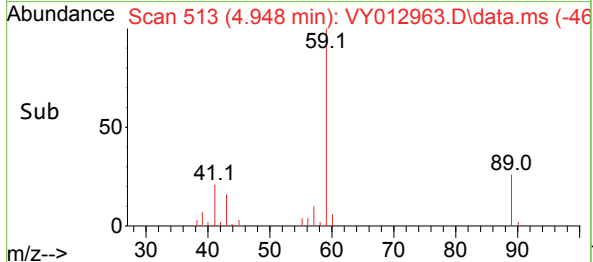
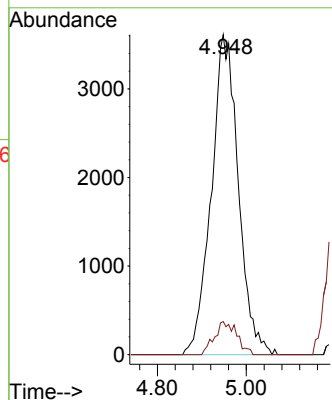
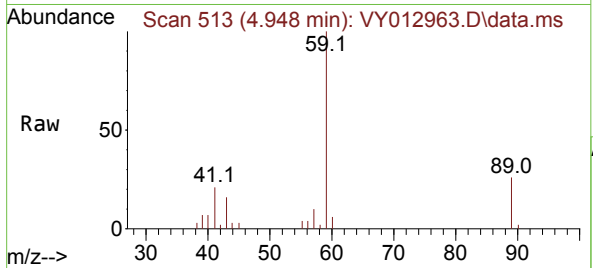




#11
Tert butyl alcohol
Concen: 127.153 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

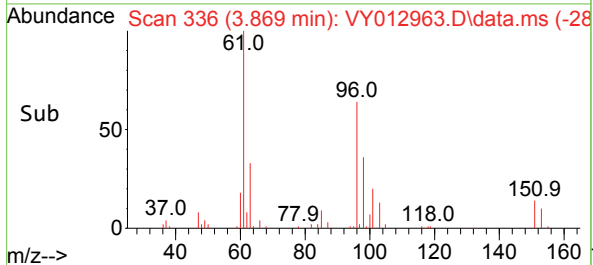
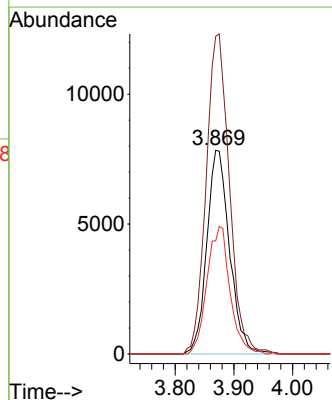
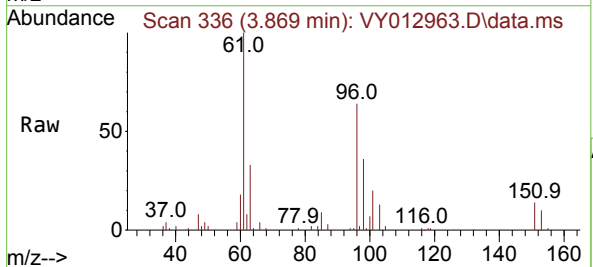
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

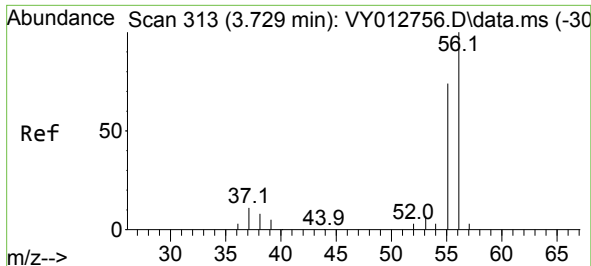
Tgt Ion: 59 Resp: 15239
Ion Ratio Lower Upper
59 100
57 8.6 7.7 11.5



#12
1,1-Dichloroethene
Concen: 21.025 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 96 Resp: 21083
Ion Ratio Lower Upper
96 100
61 156.1 131.7 197.5
98 55.5 52.0 78.0





#13

Acrolein

Concen: 84.381 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

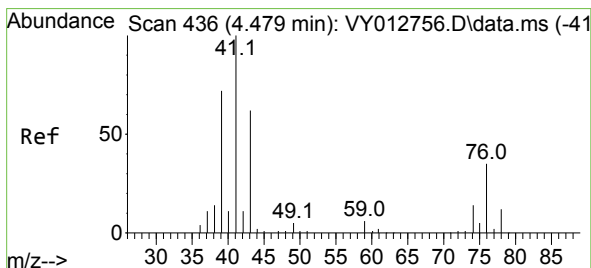
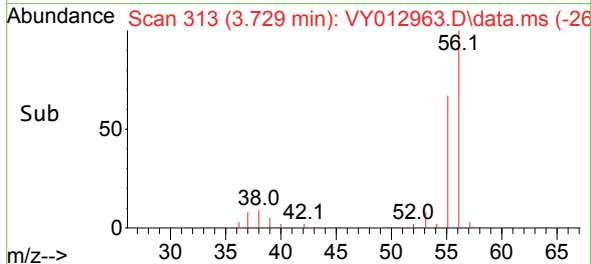
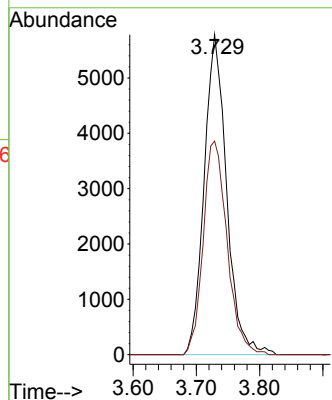
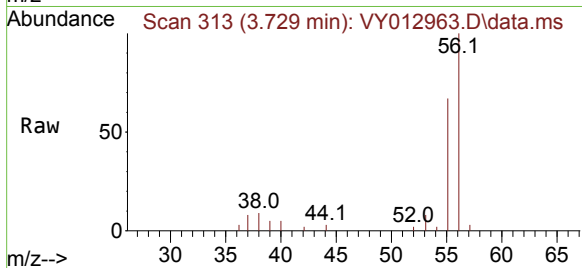
VY0316SBS01

Tgt Ion: 56 Resp: 14293

Ion Ratio Lower Upper

56 100

55 70.8 56.8 85.2



#14

Allyl chloride

Concen: 18.891 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

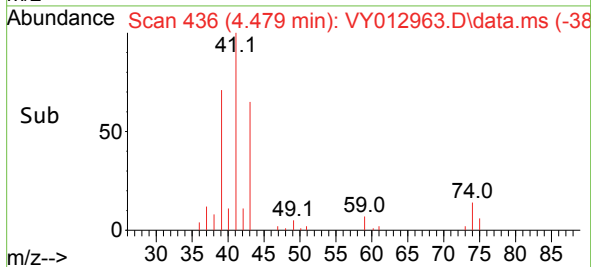
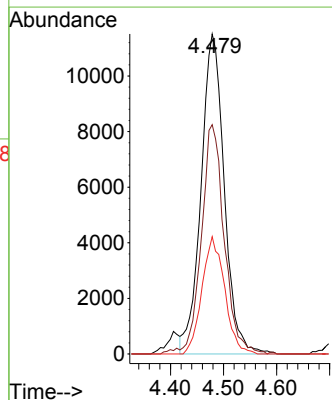
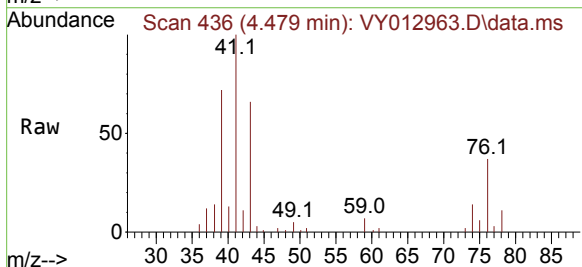
Tgt Ion: 41 Resp: 34991

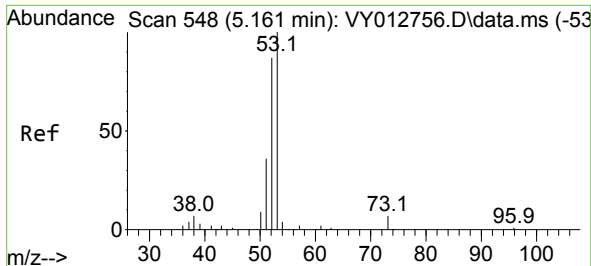
Ion Ratio Lower Upper

41 100

39 70.6 53.6 80.4

76 35.8 27.2 40.8

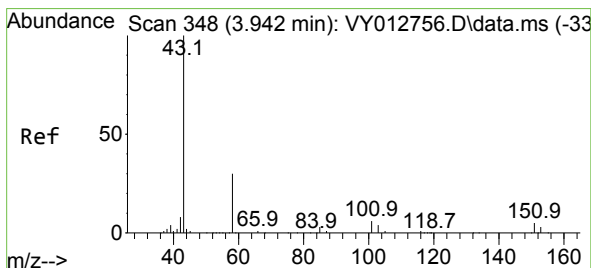
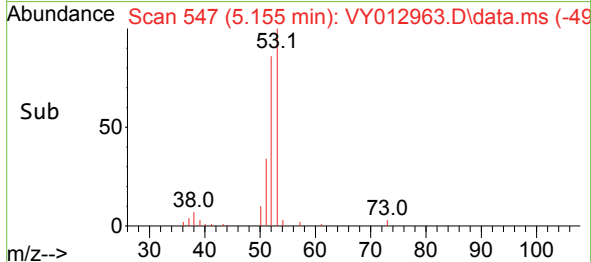
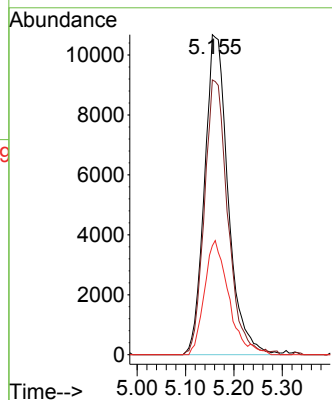
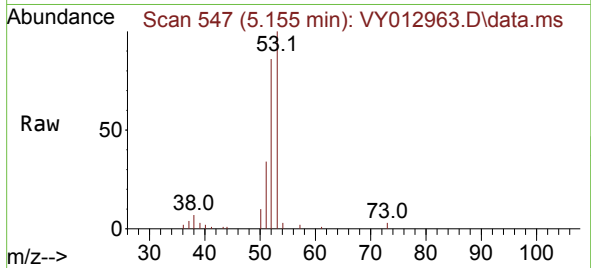




#15
Acrylonitrile
Concen: 112.309 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

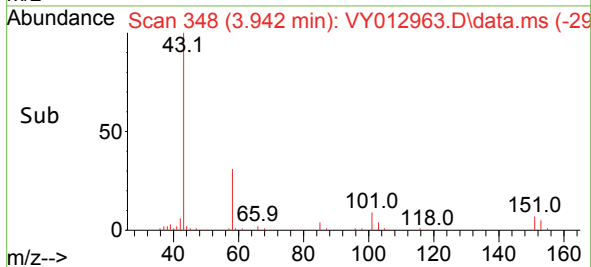
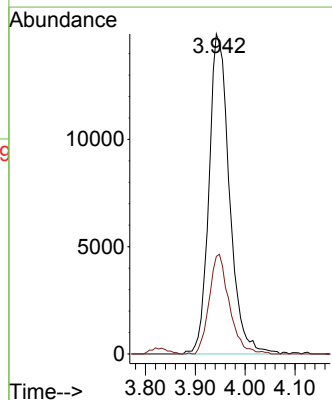
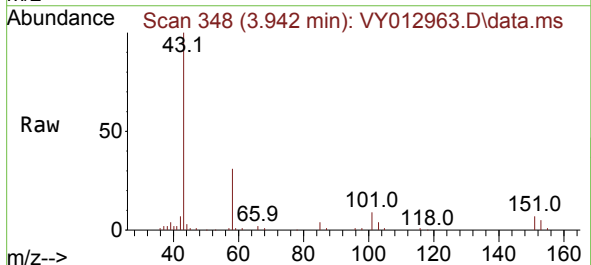
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

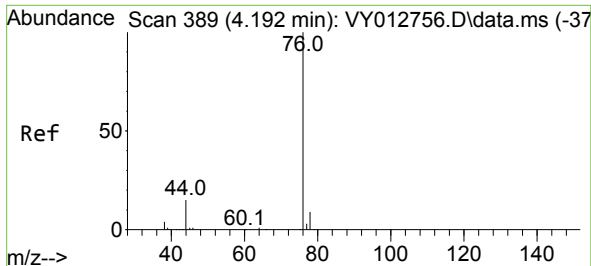
Tgt Ion: 53	Resp: 36239
Ion Ratio	Lower Upper
53	100
52	85.3 66.3 99.5
51	36.8 28.8 43.2



#16
Acetone
Concen: 112.103 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 43	Resp: 42541
Ion Ratio	Lower Upper
43	100
58	30.5 24.2 36.2

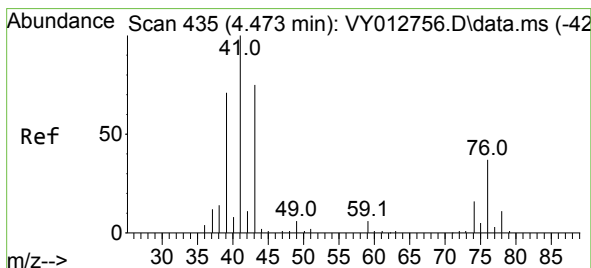
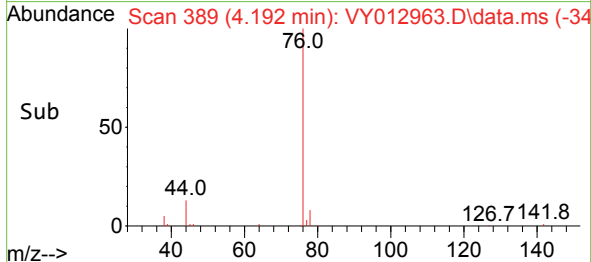
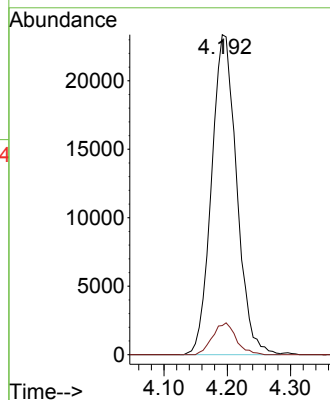
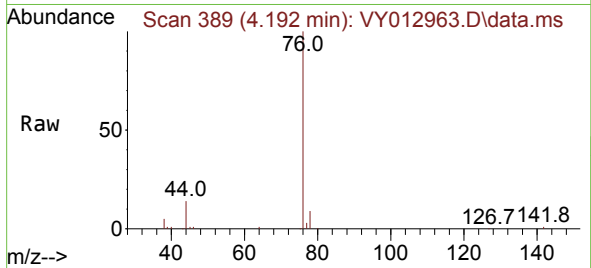




#17
Carbon Disulfide
Concen: 18.922 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

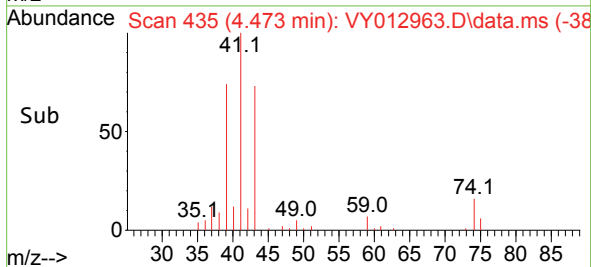
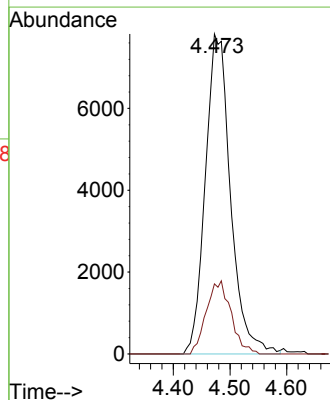
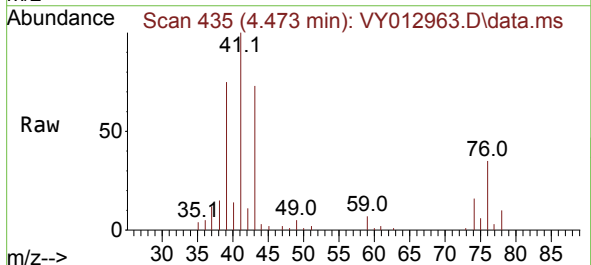
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

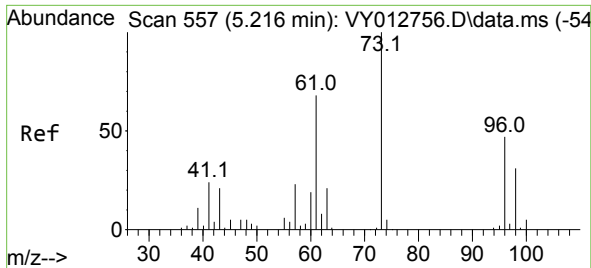
Tgt Ion: 76 Resp: 64584
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 21.359 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 43 Resp: 24137
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0

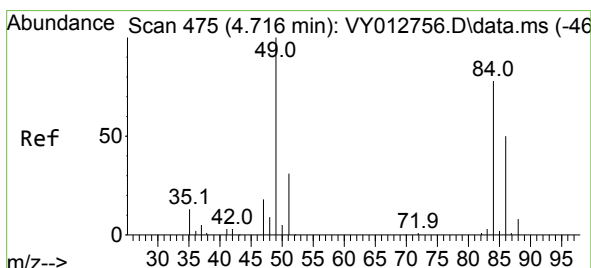
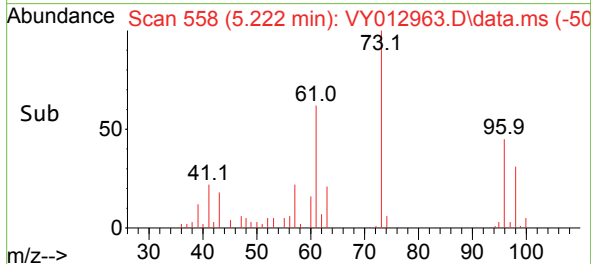
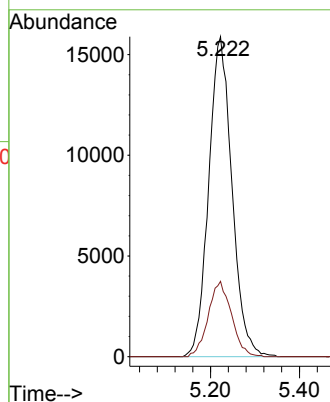
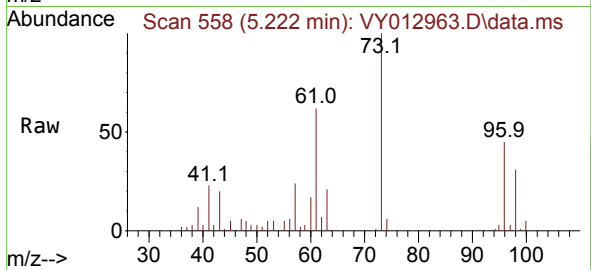




#19
Methyl tert-butyl Ether
Concen: 22.273 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

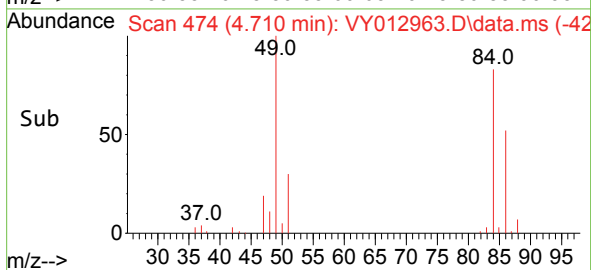
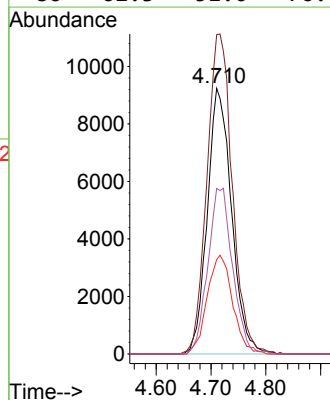
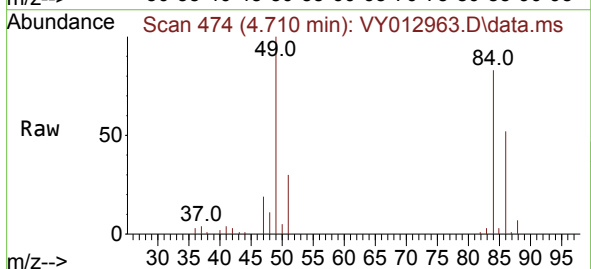
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

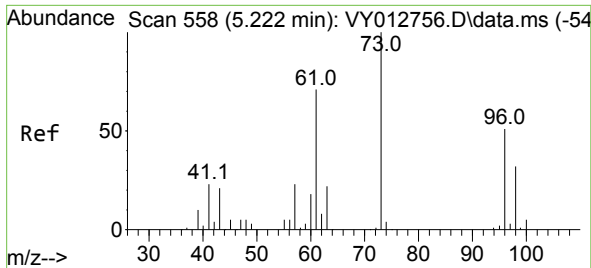
Tgt Ion: 73 Resp: 57688
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 21.444 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 84 Resp: 28386
Ion Ratio Lower Upper
84 100
49 120.2 102.6 154.0
51 35.5 31.9 47.9
86 62.3 51.0 76.6

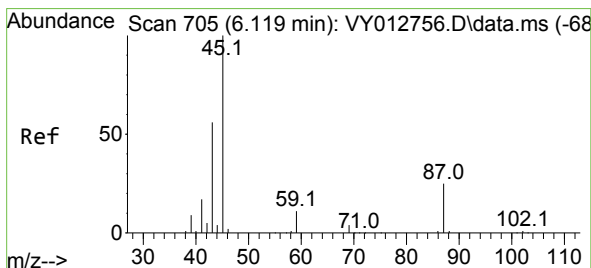
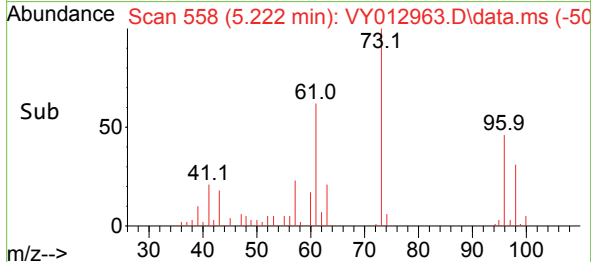
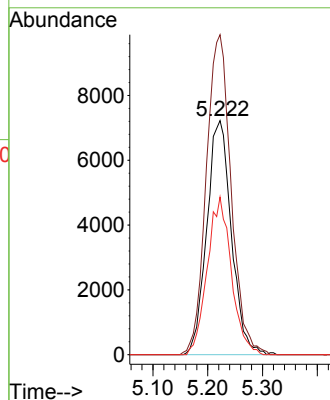
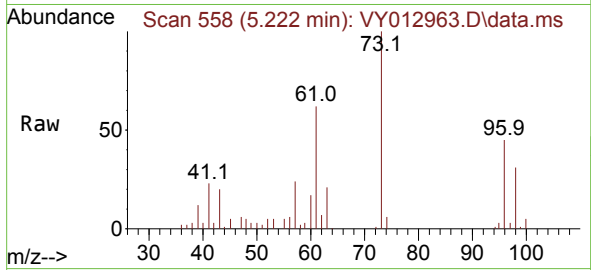




#21
trans-1,2-Dichloroethene
Concen: 20.656 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

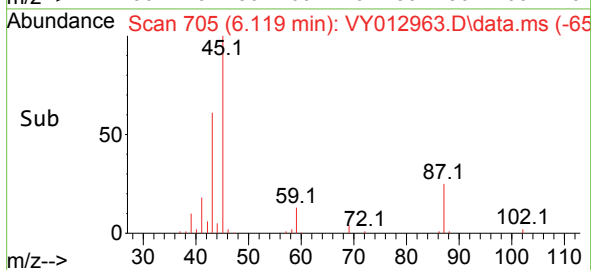
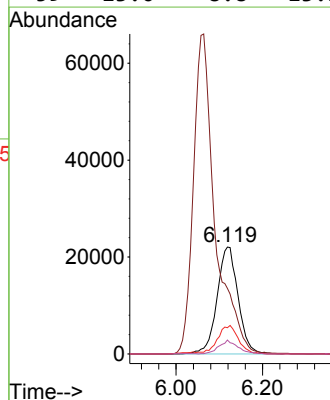
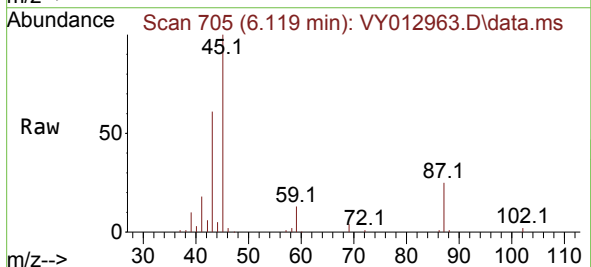
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

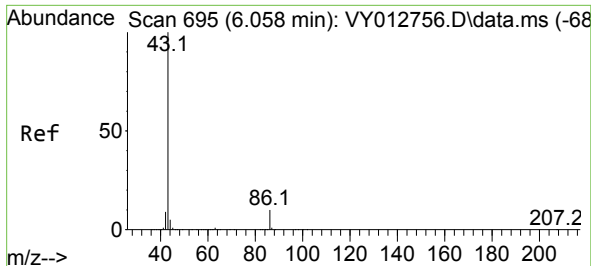
Tgt Ion: 96 Resp: 22509
Ion Ratio Lower Upper
96 100
61 136.7 111.4 167.0
98 67.3 50.8 76.2



#22
Diisopropyl ether
Concen: 22.105 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 45 Resp: 74367
Ion Ratio Lower Upper
45 100
43 60.9 45.0 67.6
87 24.6 20.3 30.5
59 13.0 8.8 13.2

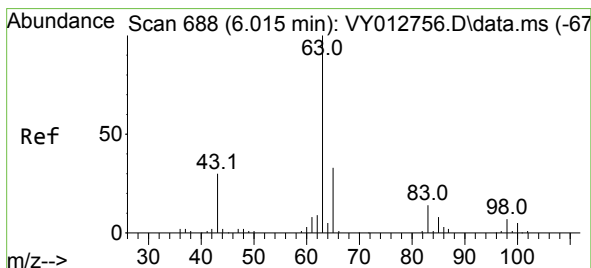
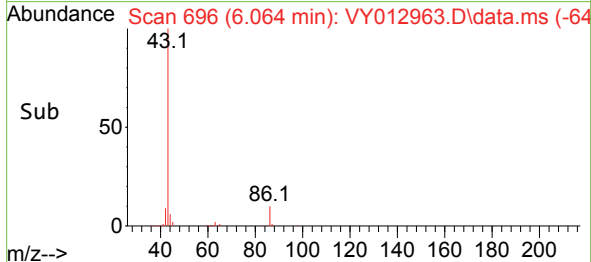
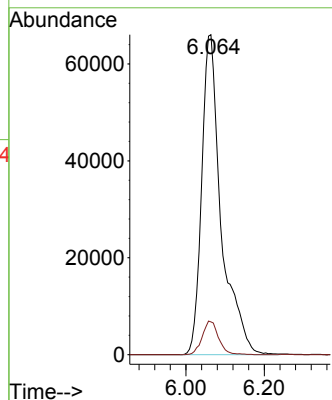
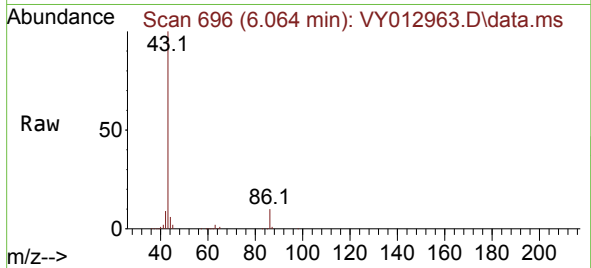




#23
 Vinyl Acetate
 Concen: 109.416 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

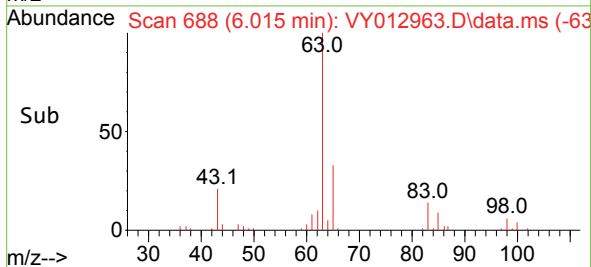
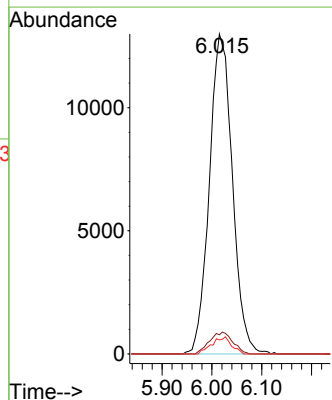
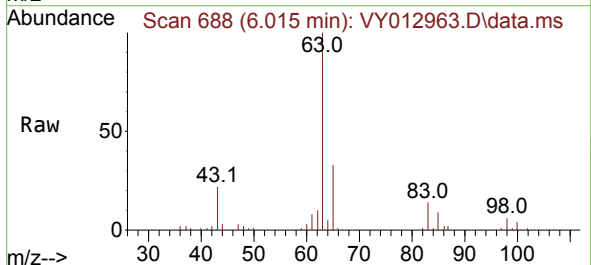
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

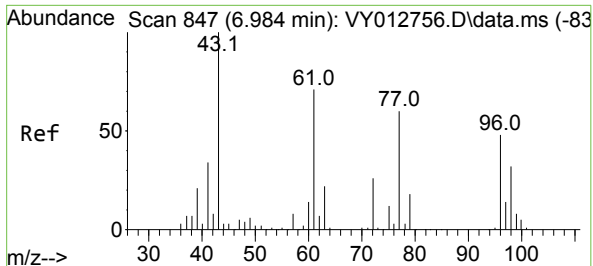
Tgt Ion: 43 Resp: 228719
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 21.733 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

Tgt Ion: 63 Resp: 41664
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 115.493 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

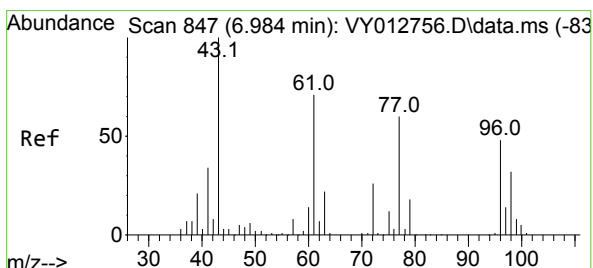
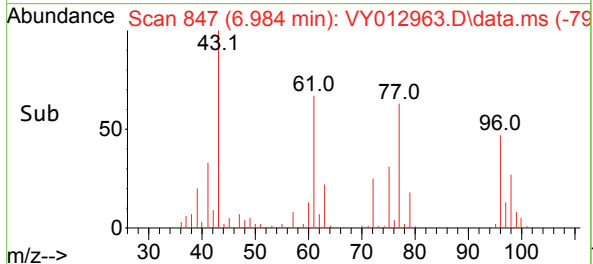
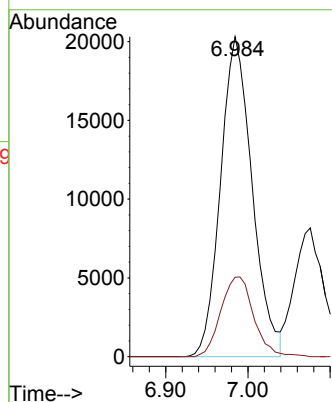
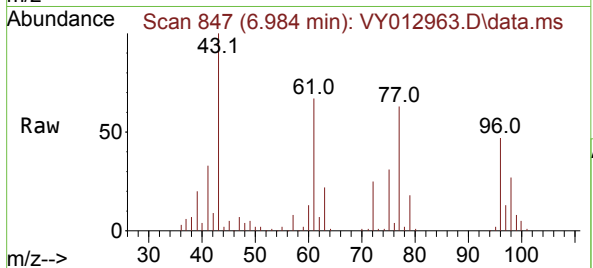
VY0316SBS01

Tgt Ion: 43 Resp: 54284

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 21.981 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012963.D

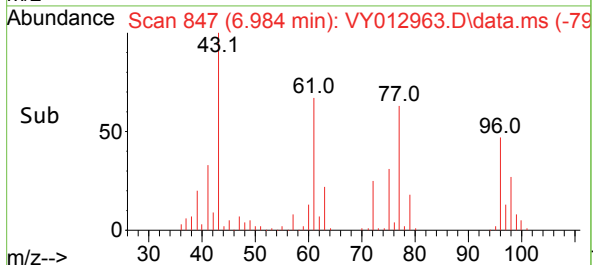
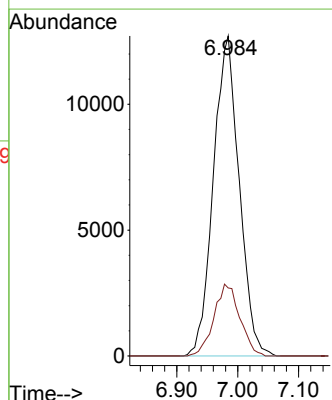
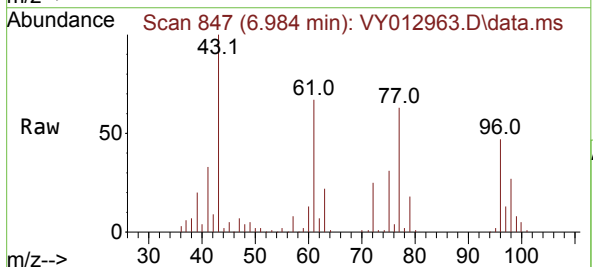
Acq: 16 Mar 2023 12:07

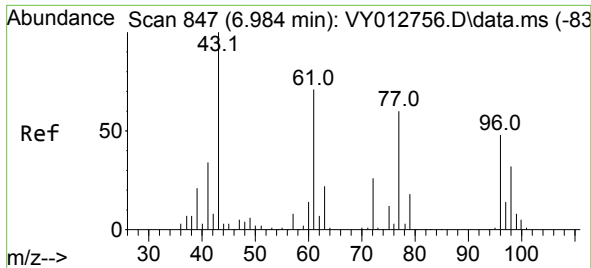
Tgt Ion: 77 Resp: 37427

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.986 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

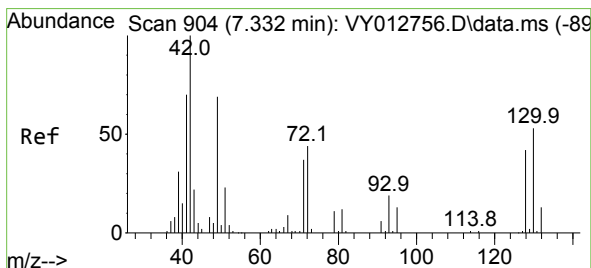
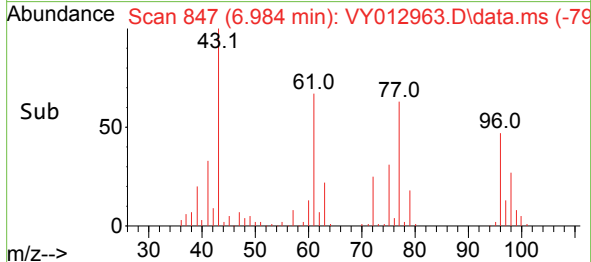
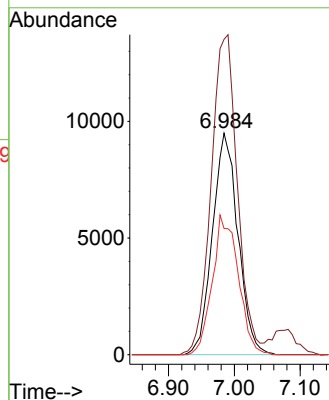
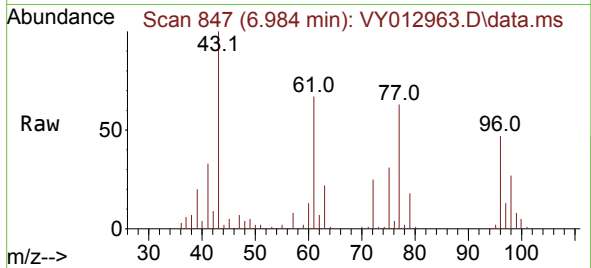
Tgt Ion: 96 Resp: 25686

Ion Ratio Lower Upper

96 100

61 147.9 0.0 295.8

98 63.7 0.0 130.2



#28

Bromochloromethane

Concen: 22.359 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

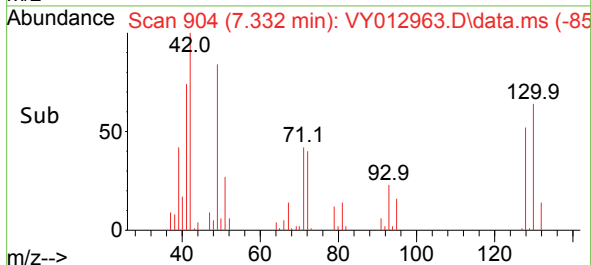
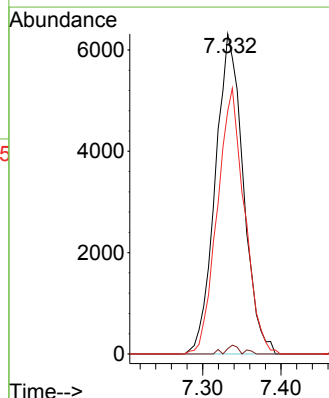
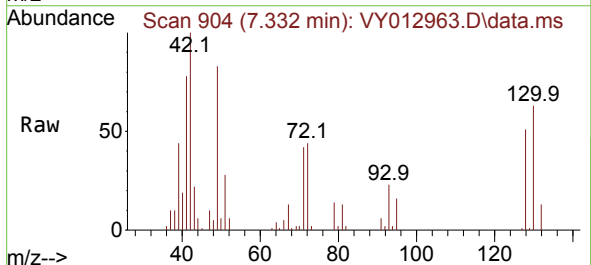
Tgt Ion: 49 Resp: 15664

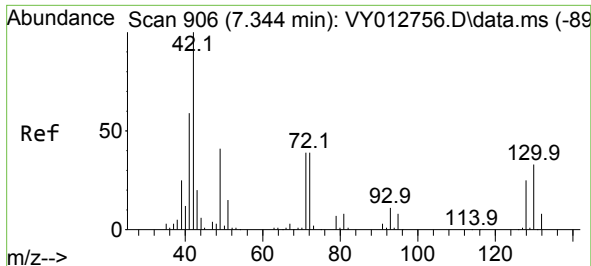
Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.2

130 81.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 114.932 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

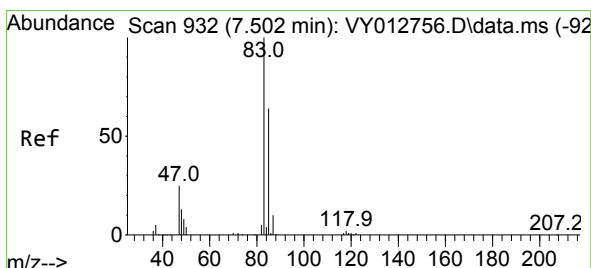
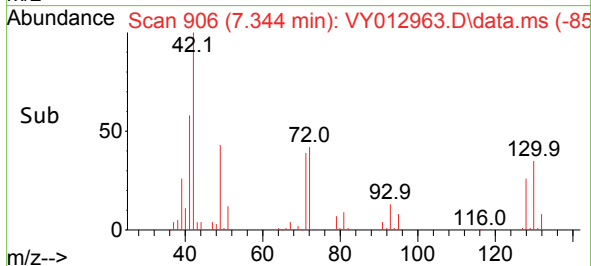
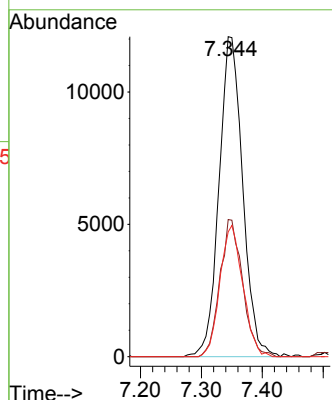
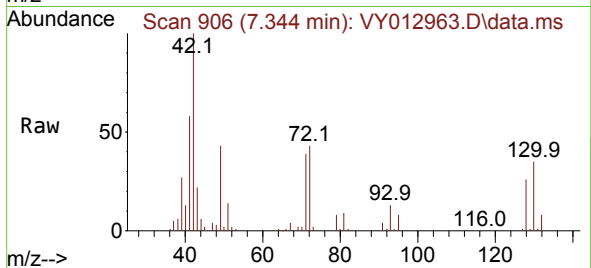
Tgt Ion: 42 Resp: 32581

Ion Ratio Lower Upper

42 100

72 41.2 32.3 48.5

71 39.7 30.3 45.5



#30

Chloroform

Concen: 23.099 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012963.D

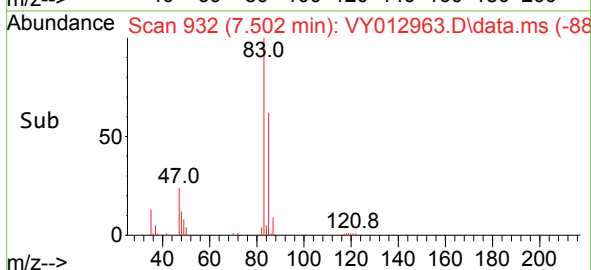
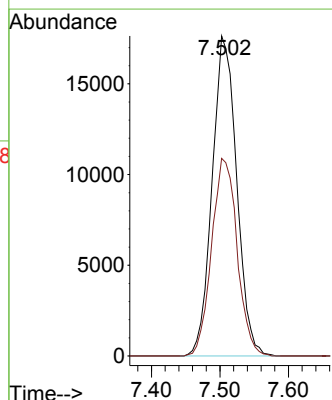
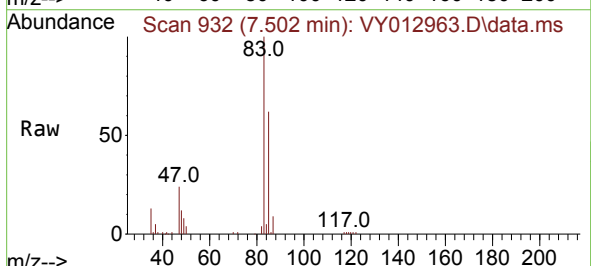
Acq: 16 Mar 2023 12:07

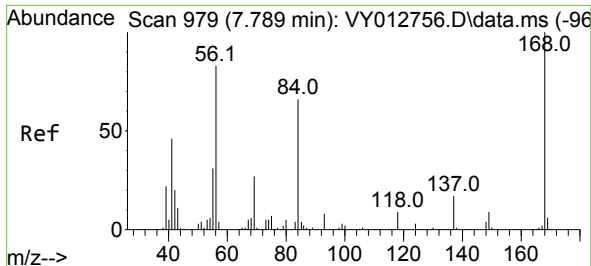
Tgt Ion: 83 Resp: 43740

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.0

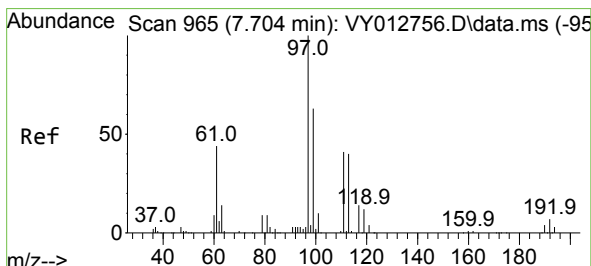
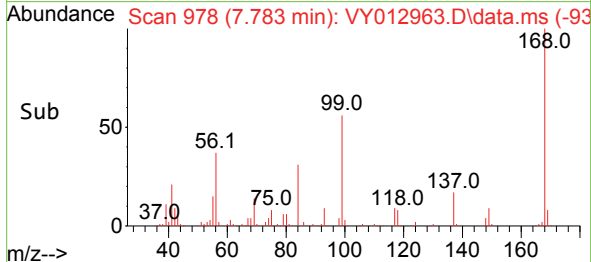
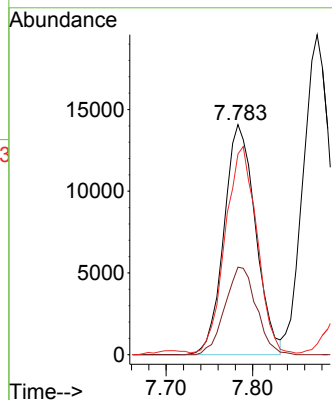
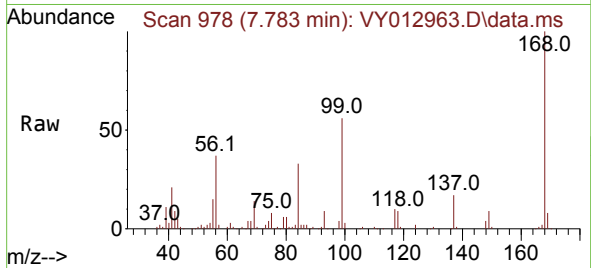




#31
Cyclohexane
Concen: 19.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

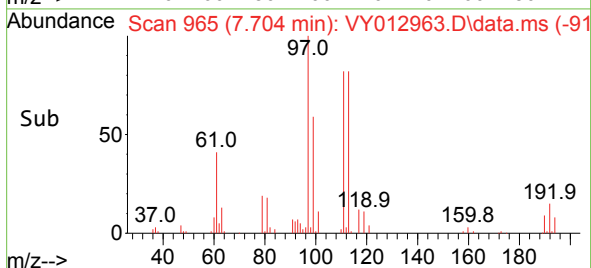
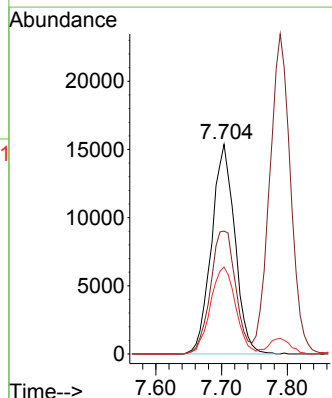
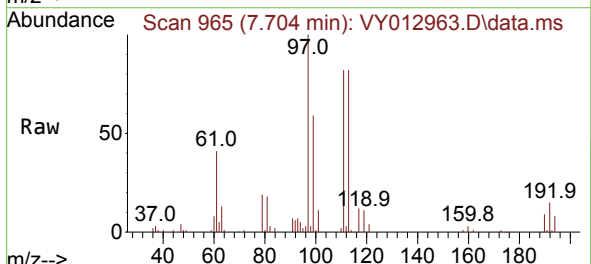
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

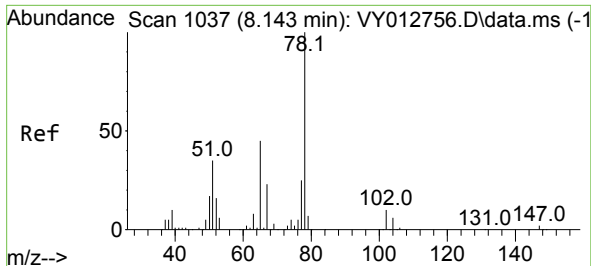
Tgt Ion: 56 Resp: 35638
Ion Ratio Lower Upper
56 100
69 38.1 25.7 38.5
84 85.7 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 22.175 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 97 Resp: 37973
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 44.9 34.5 51.7

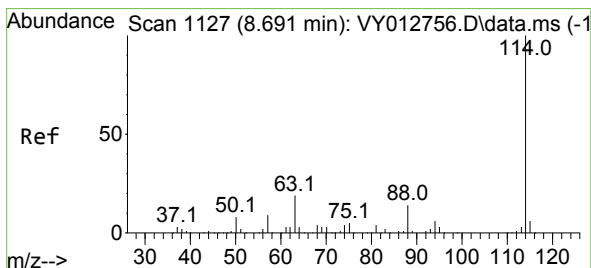
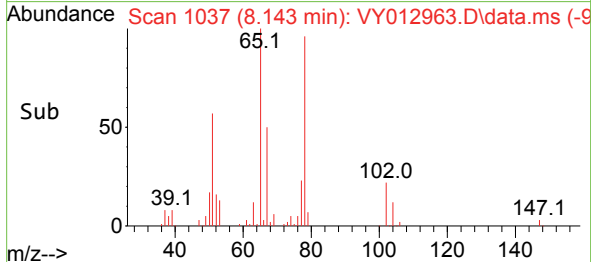
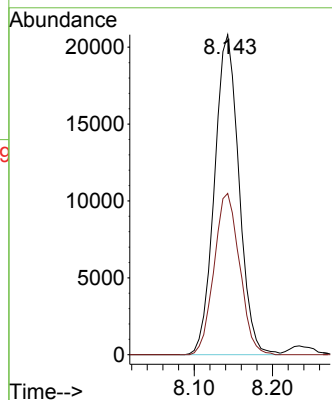
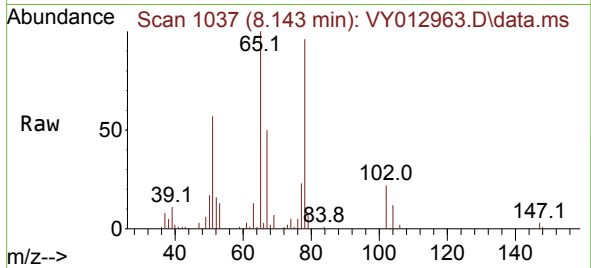




#33
 1,2-Dichloroethane-d4
 Concen: 46.815 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

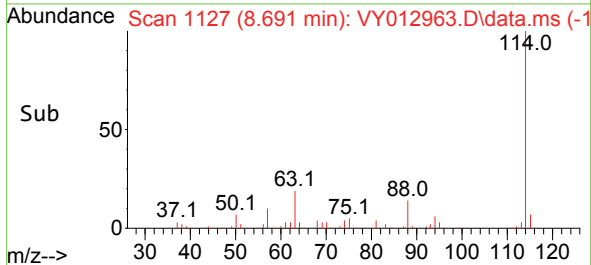
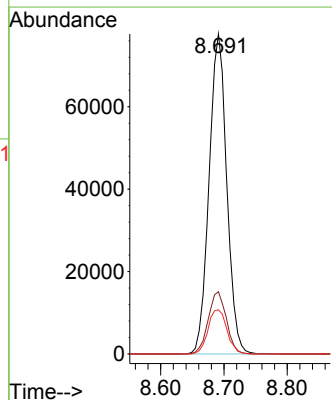
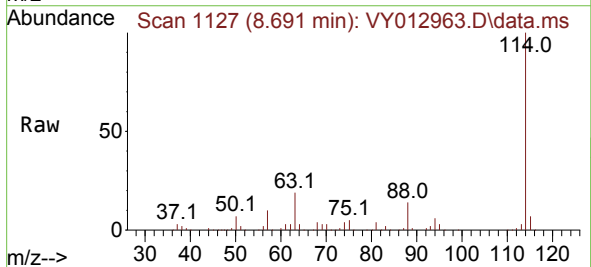
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBSD01

Tgt Ion: 65 Resp: 45262
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

Tgt Ion: 114 Resp: 150870
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 13.8 0.0 28.6

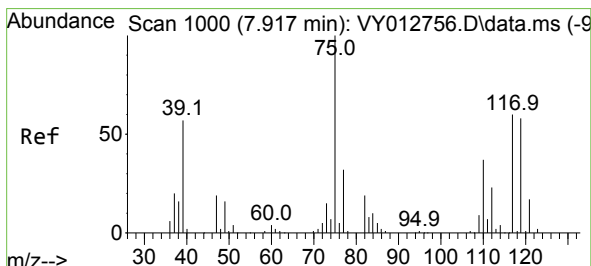
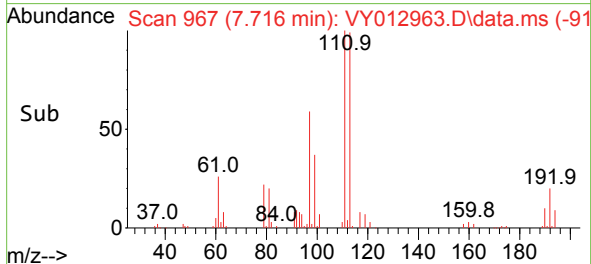
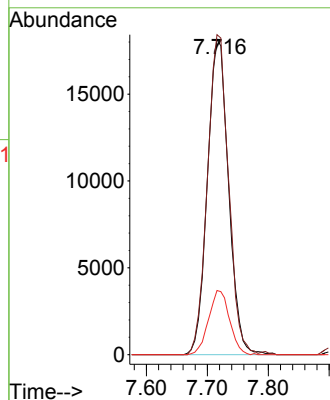
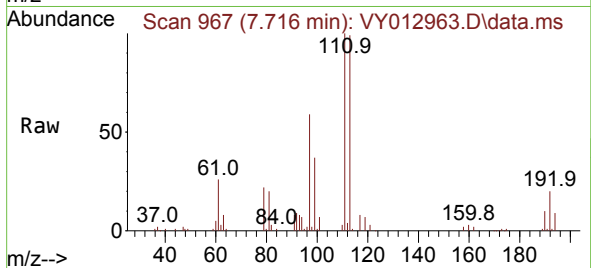




#35
Dibromofluoromethane
Concen: 48.060 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

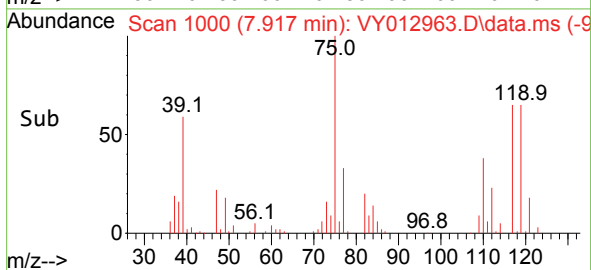
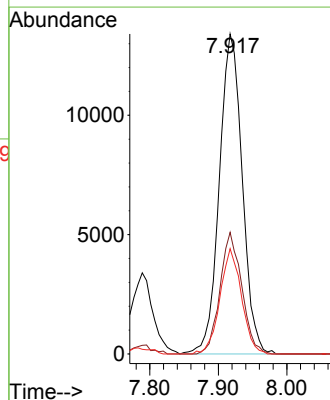
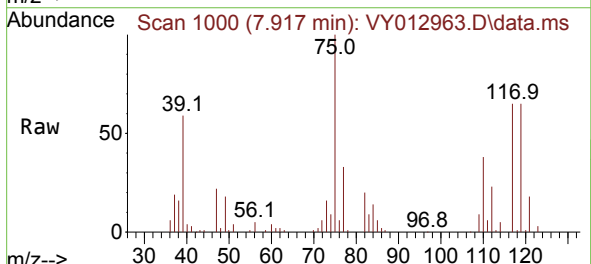
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

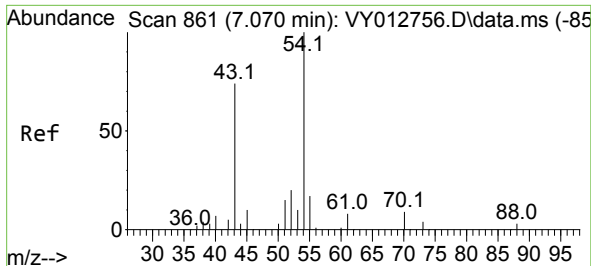
Tgt Ion:113 Resp: 43759
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 20.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.415 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 75 Resp: 31149
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 22.367 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

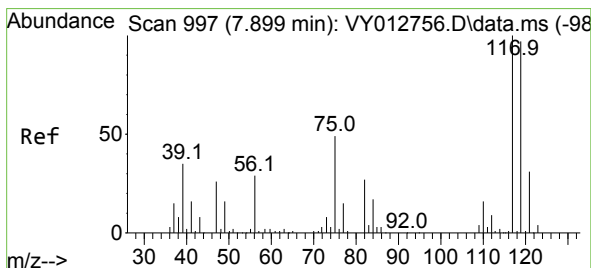
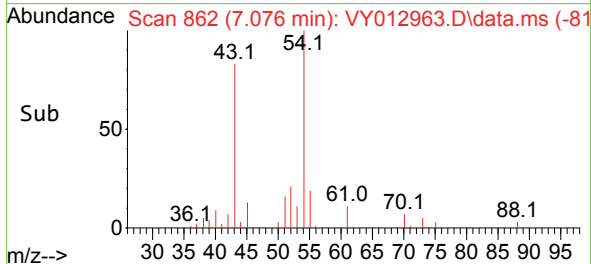
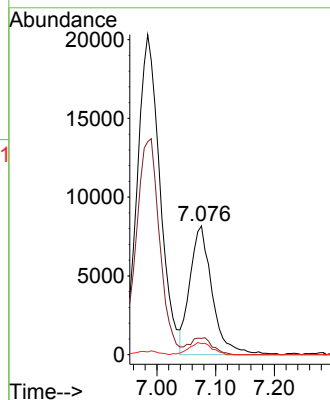
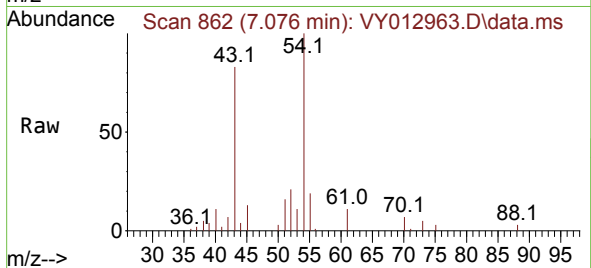
Tgt Ion: 43 Resp: 21510

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 9.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 22.122 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

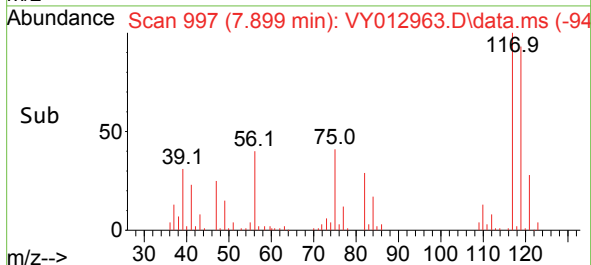
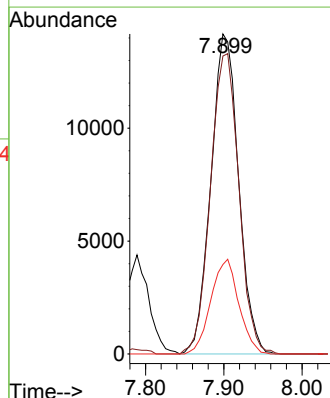
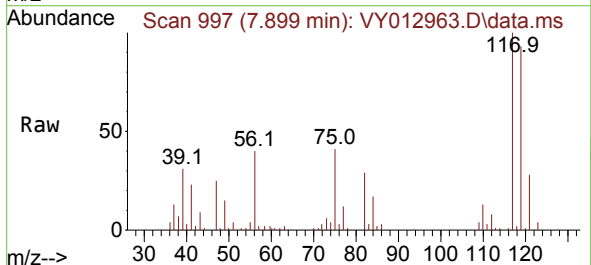
Tgt Ion: 117 Resp: 34856

Ion Ratio Lower Upper

117 100

119 93.1 77.2 115.8

121 28.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.943 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBSD01

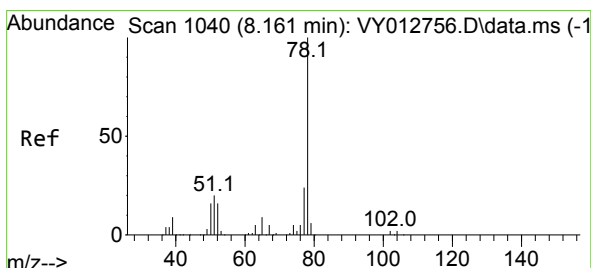
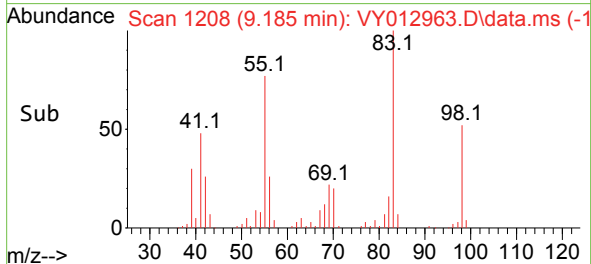
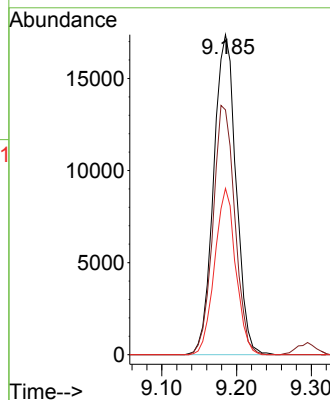
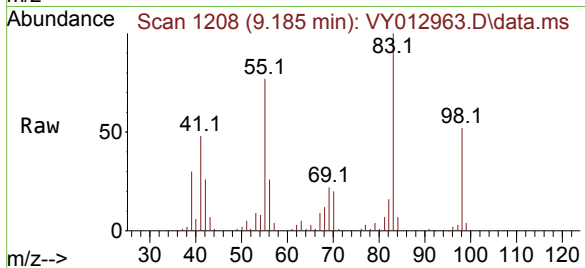
Tgt Ion: 83 Resp: 36177

Ion Ratio Lower Upper

83 100

55 76.5 60.0 90.0

98 52.0 38.3 57.5



#40

Benzene

Concen: 21.677 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012963.D

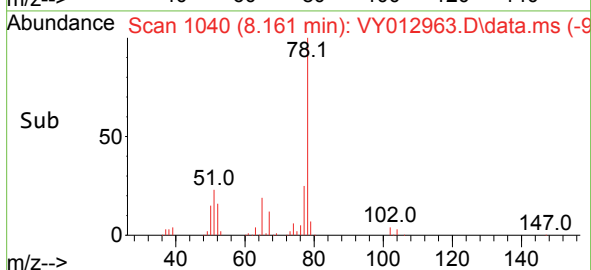
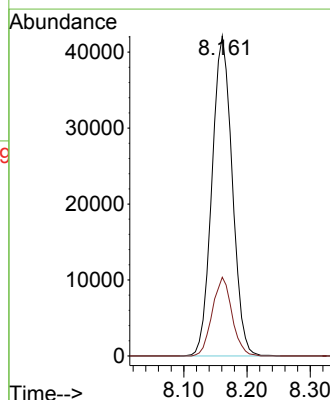
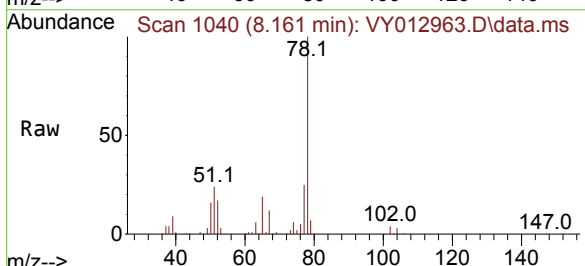
Acq: 16 Mar 2023 12:07

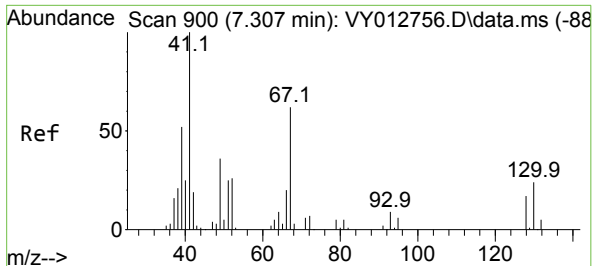
Tgt Ion: 78 Resp: 93560

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

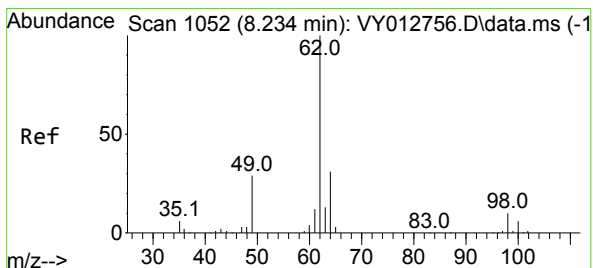
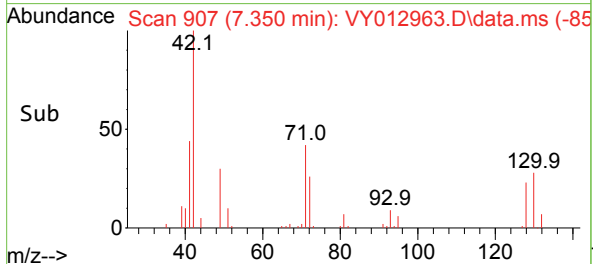
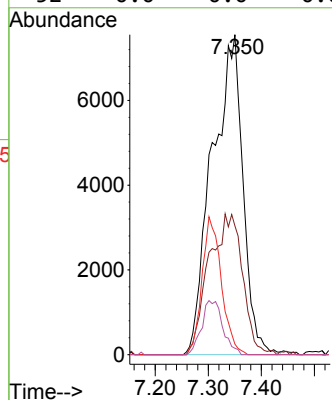
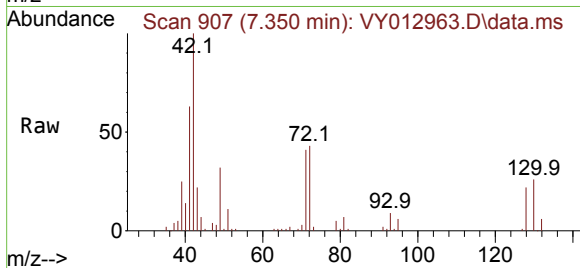




#41
Methacrylonitrile
Concen: 58.632 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

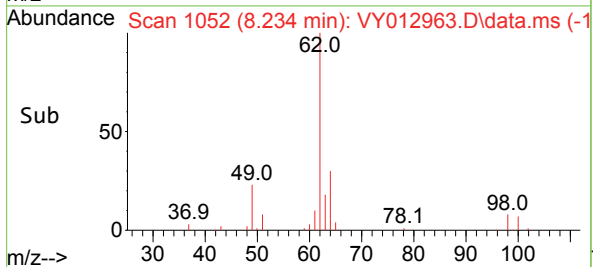
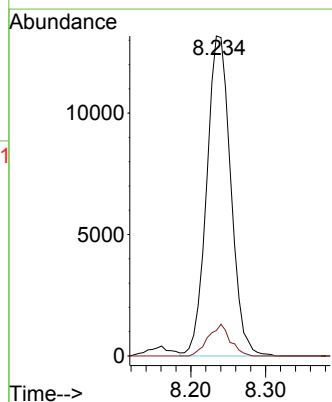
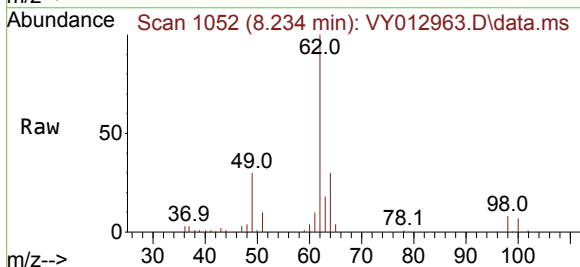
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBSD01

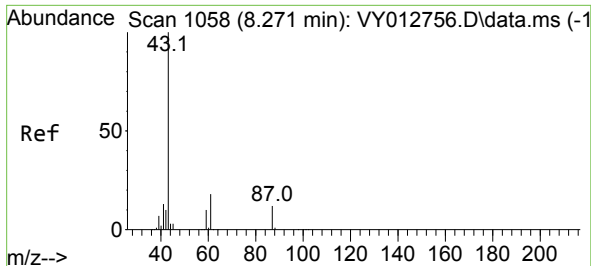
Tgt Ion: 41 Resp: 30379
Ion Ratio Lower Upper
41 100
39 48.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.715 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 62 Resp: 29475
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8

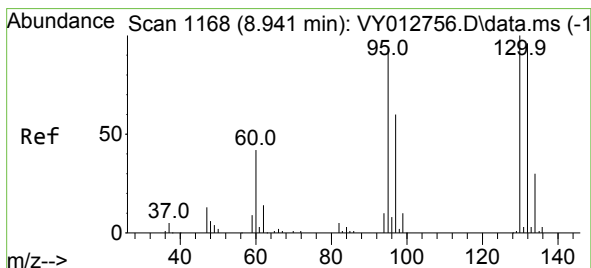
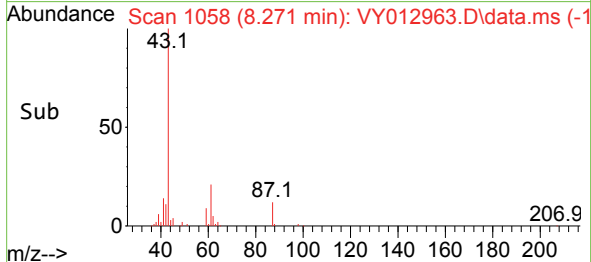
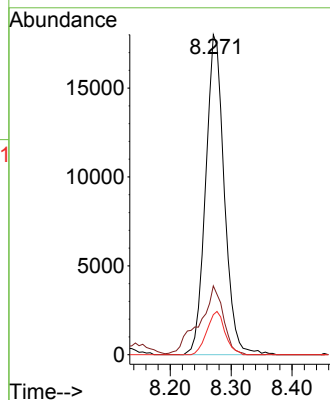
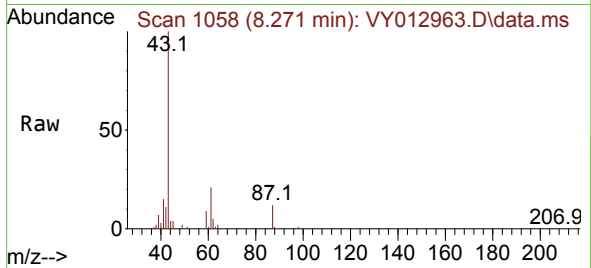




#43
Isopropyl Acetate
Concen: 22.303 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

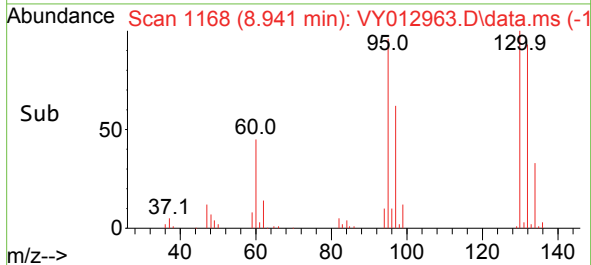
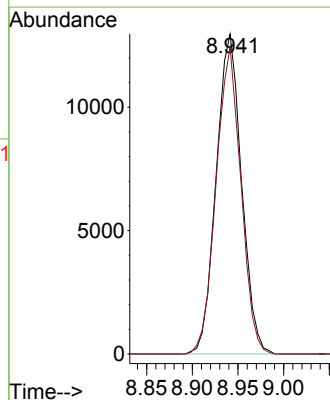
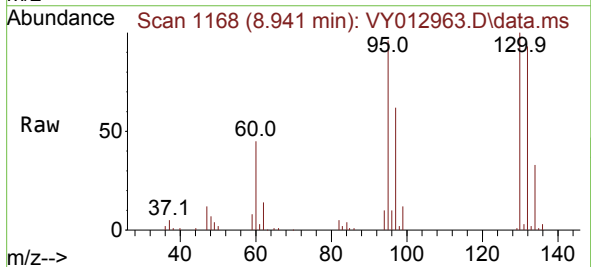
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

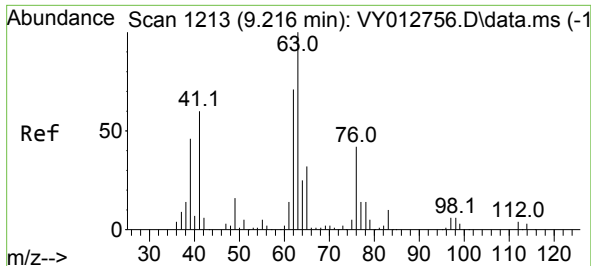
Tgt Ion: 43 Resp: 38266
Ion Ratio Lower Upper
43 100
61 27.7 21.6 32.4
87 13.1 9.9 14.9



#44
Trichloroethene
Concen: 21.979 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:130 Resp: 25011
Ion Ratio Lower Upper
130 100
95 96.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 21.618 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

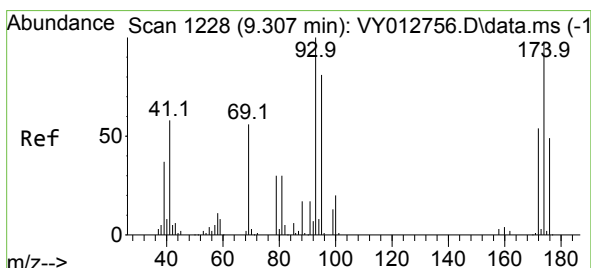
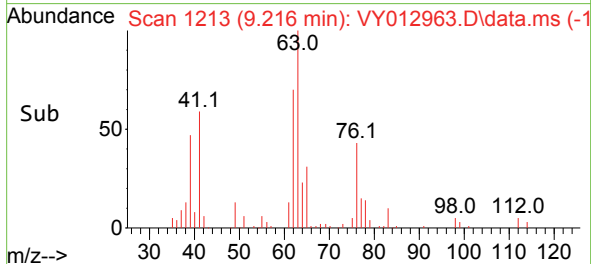
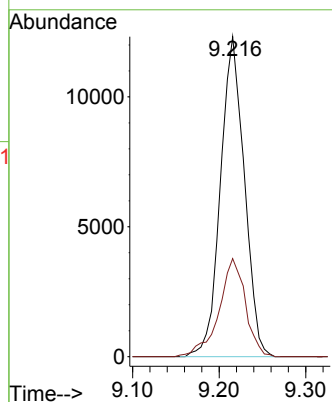
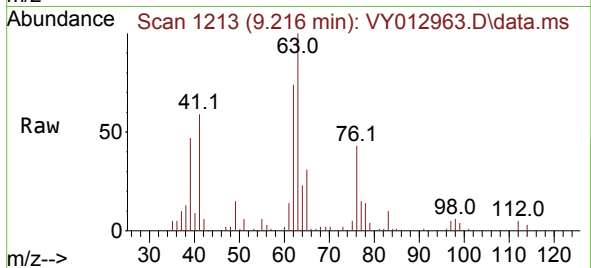
VY0316SBS01

Tgt Ion: 63 Resp: 23581

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 23.060 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

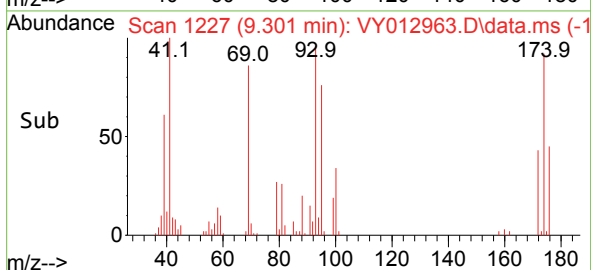
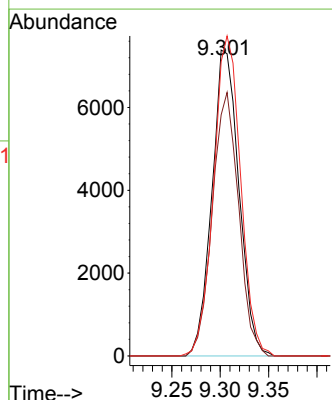
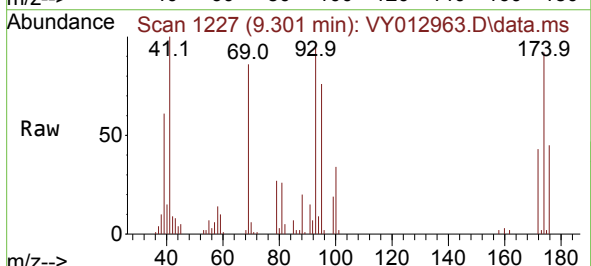
Tgt Ion: 93 Resp: 14330

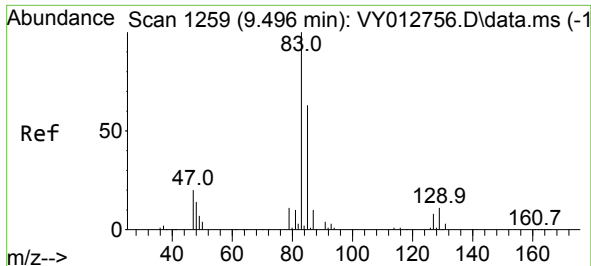
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 104.6 81.3 121.9

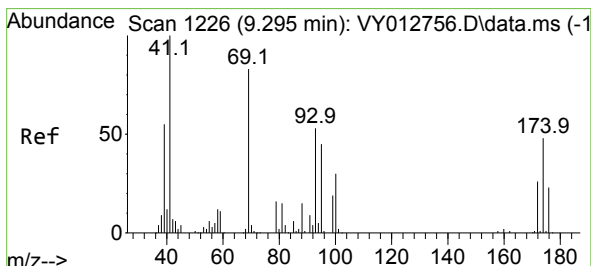
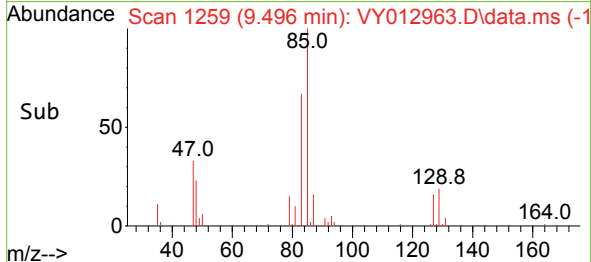
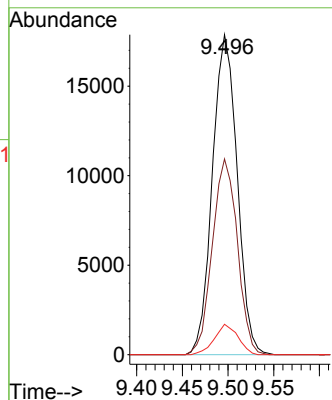
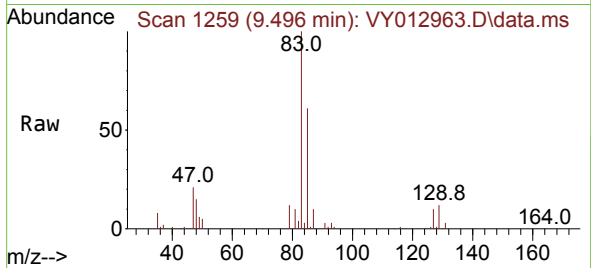




#47
Bromodichloromethane
Concen: 22.983 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

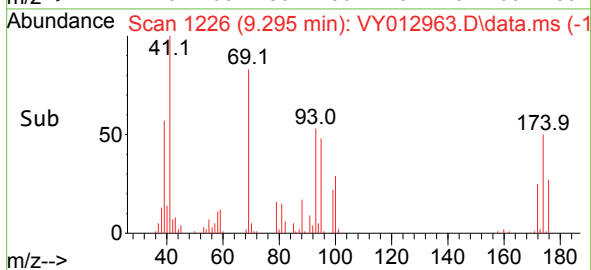
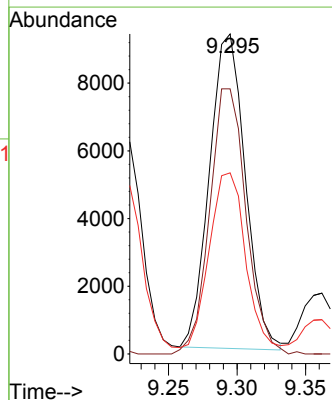
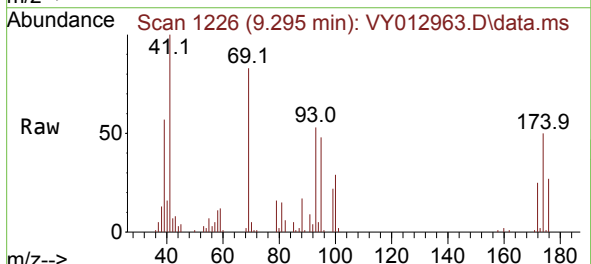
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBSD01

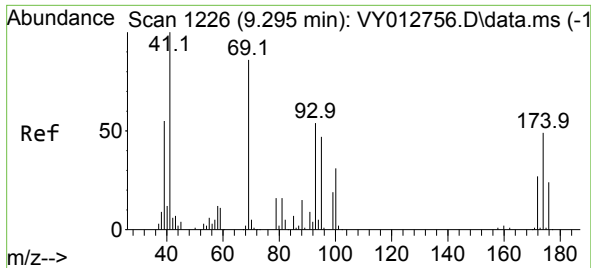
Tgt Ion: 83 Resp: 33656
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 9.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 21.389 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 41 Resp: 16910
Ion Ratio Lower Upper
41 100
69 85.5 64.1 96.1
39 55.9 44.0 66.0

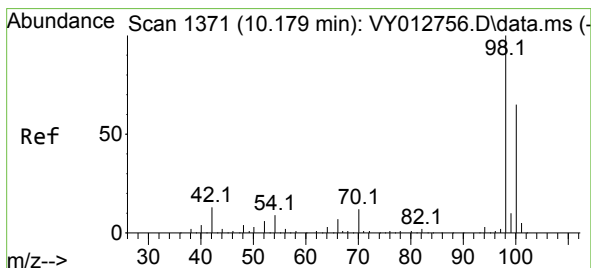
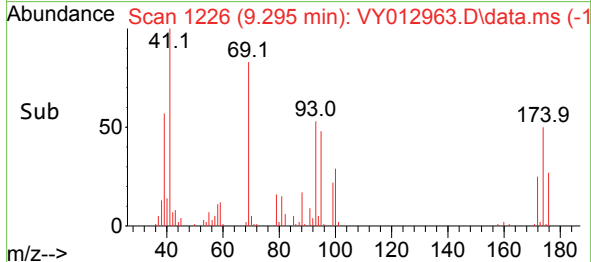
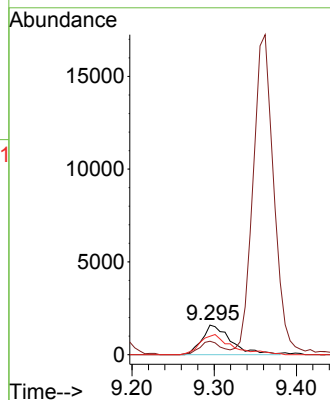
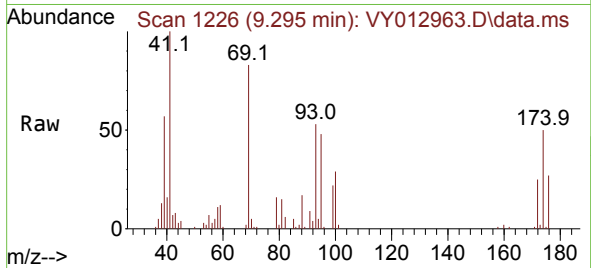




#49
1,4-Dioxane
Concen: 488.584 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

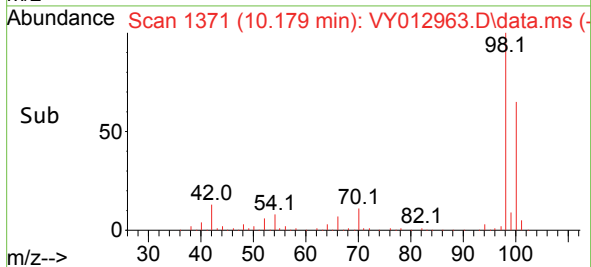
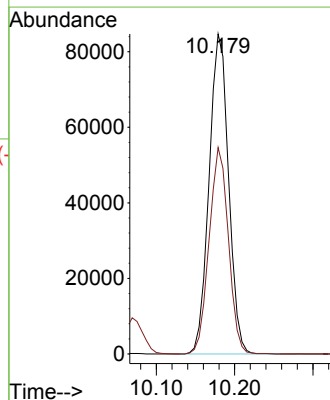
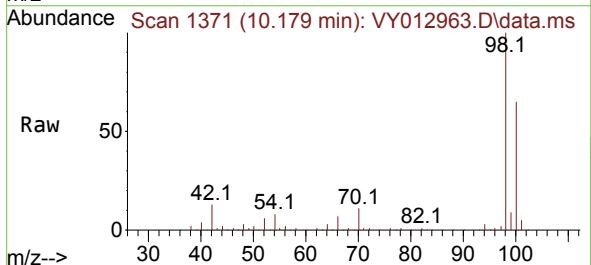
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

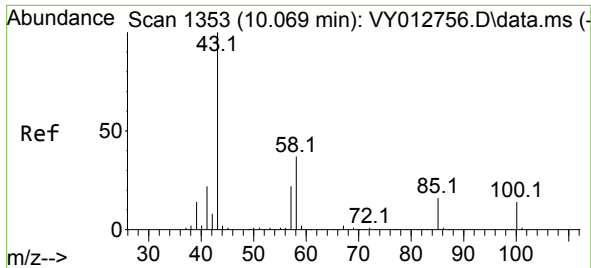
Tgt Ion: 88 Resp: 3925
Ion Ratio Lower Upper
88 100
43 35.0 28.6 42.8
58 74.2 55.2 82.8



#50
Toluene-d8
Concen: 43.857 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 98 Resp: 145981
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

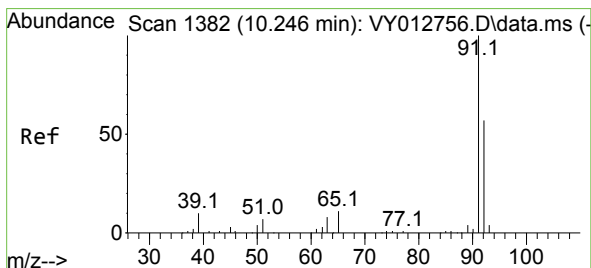
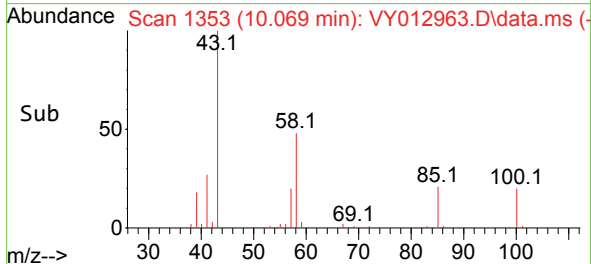
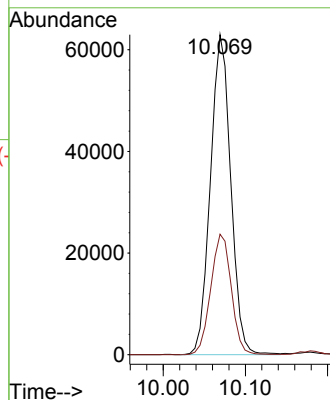
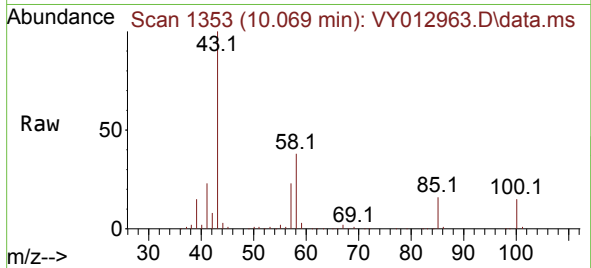




#51
4-Methyl-2-Pentanone
Concen: 116.396 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

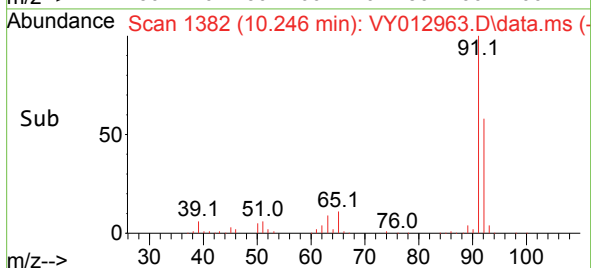
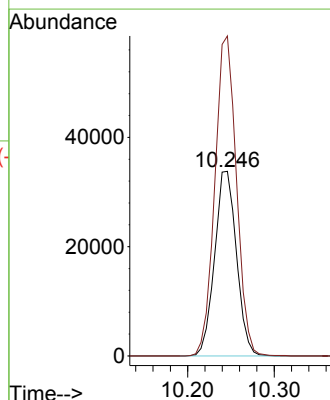
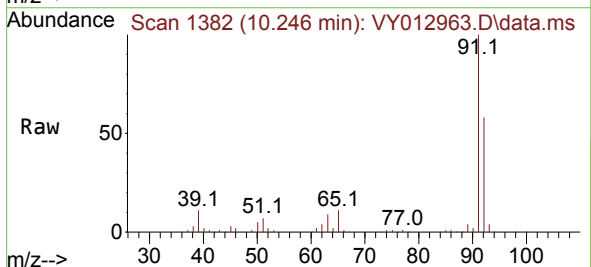
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

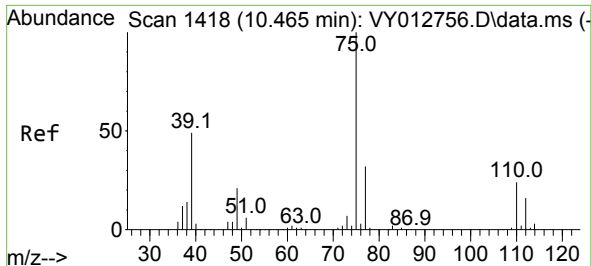
Tgt Ion: 43 Resp: 108329
Ion Ratio Lower Upper
43 100
58 38.0 29.8 44.6



#52
Toluene
Concen: 22.765 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 92 Resp: 59256
Ion Ratio Lower Upper
92 100
91 171.1 141.3 211.9

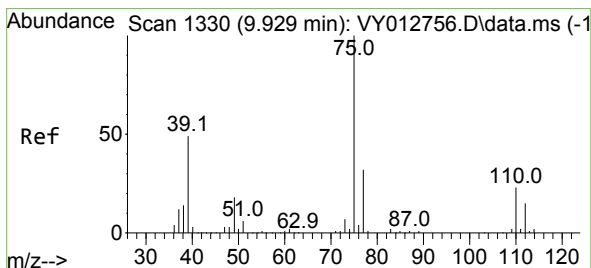
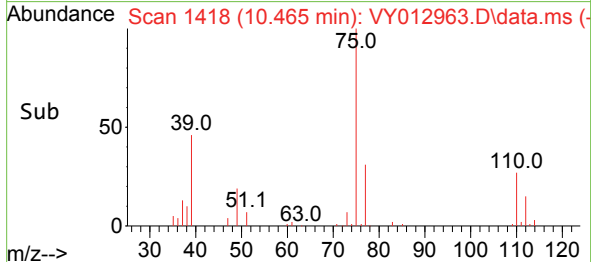
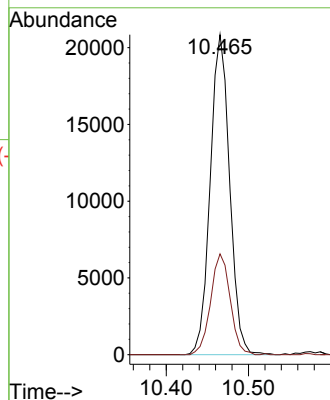
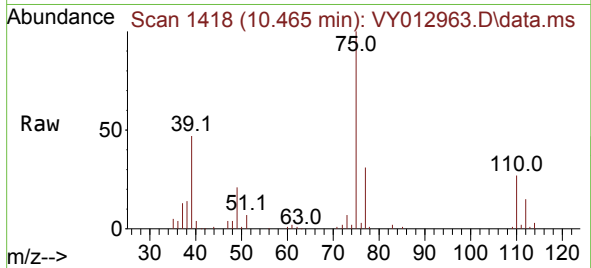




#53
t-1,3-Dichloropropene
Concen: 22.241 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

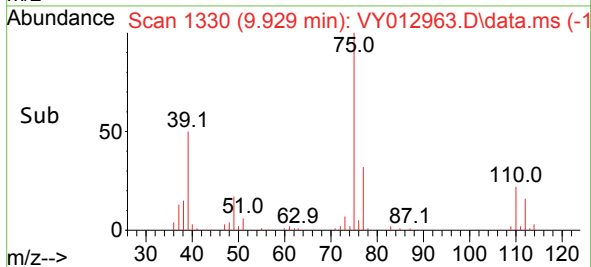
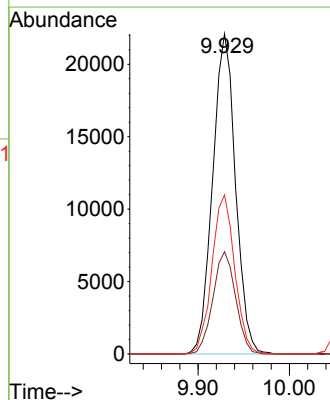
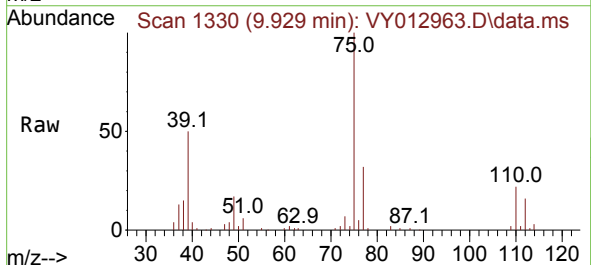
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

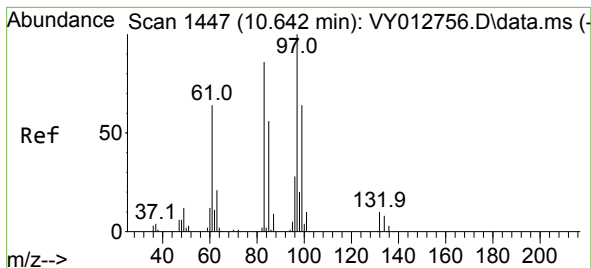
Tgt Ion: 75 Resp: 34162
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 22.073 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 75 Resp: 38375
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 49.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 23.242 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

Tgt Ion: 97 Resp: 20114

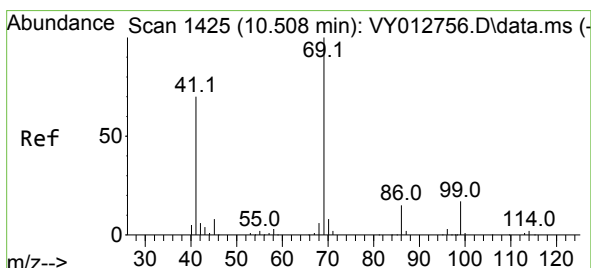
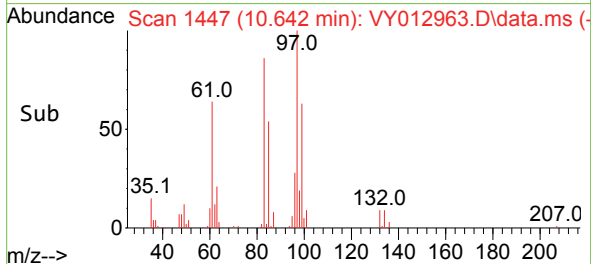
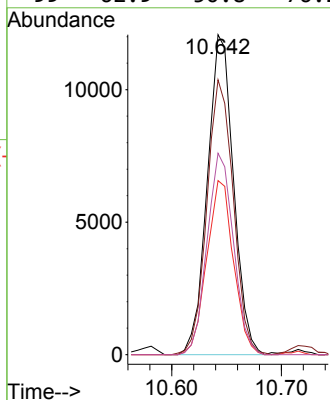
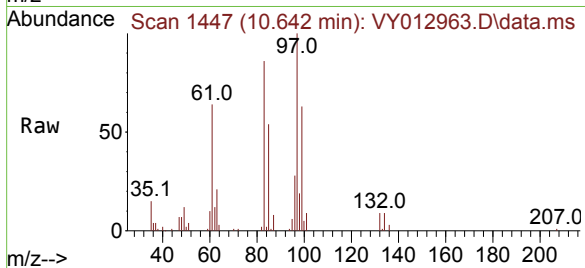
Ion Ratio Lower Upper

97 100

83 85.5 69.0 103.6

85 54.4 44.9 67.3

99 62.9 50.8 76.2



#56

Ethyl methacrylate

Concen: 22.798 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

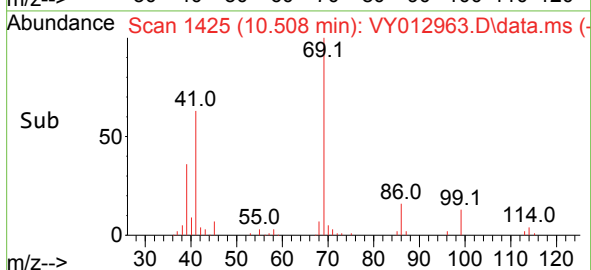
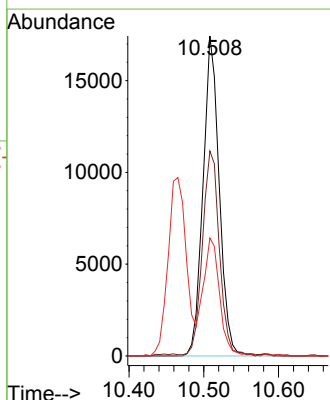
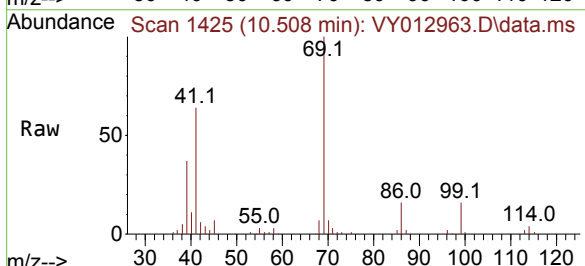
Tgt Ion: 69 Resp: 26307

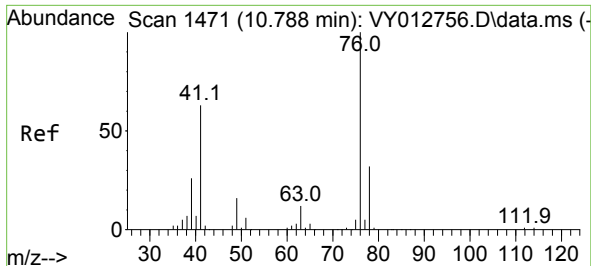
Ion Ratio Lower Upper

69 100

41 66.9 56.4 84.6

39 37.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 22.527 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

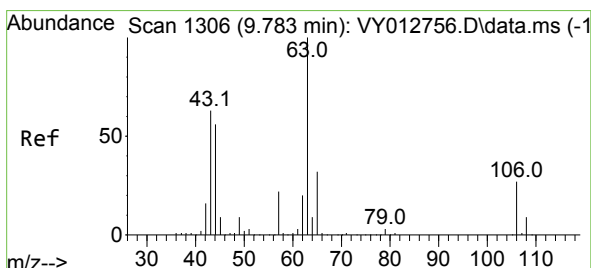
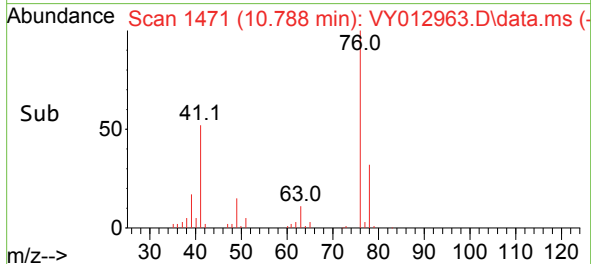
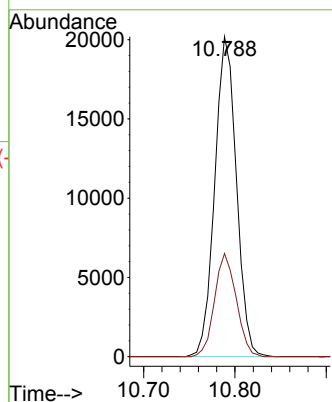
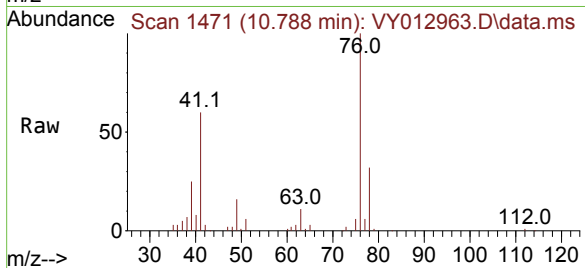
VY0316SBSD01

Tgt Ion: 76 Resp: 33205

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 113.435 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012963.D

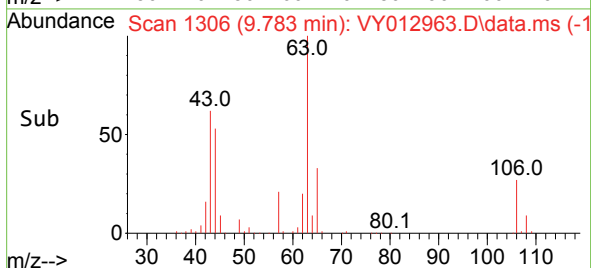
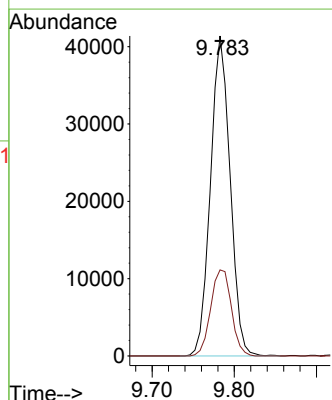
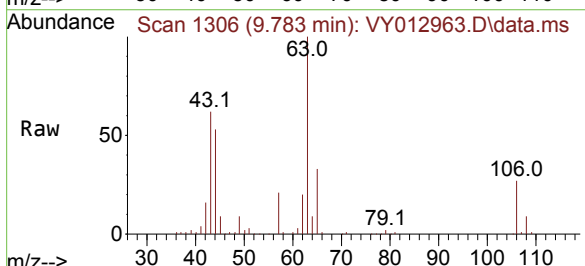
Acq: 16 Mar 2023 12:07

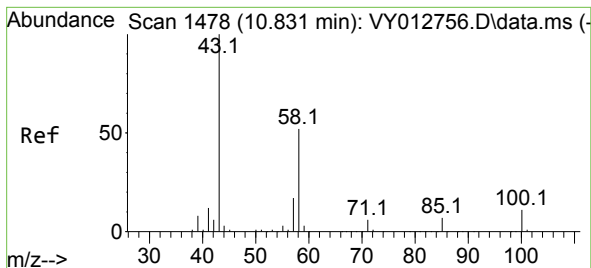
Tgt Ion: 63 Resp: 68716

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

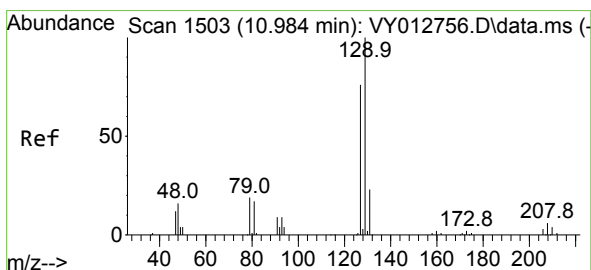
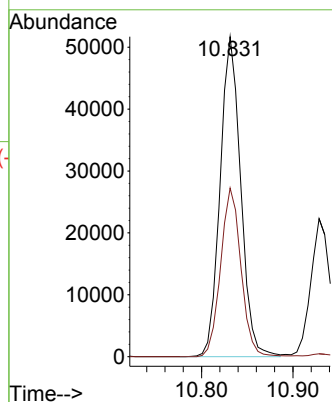
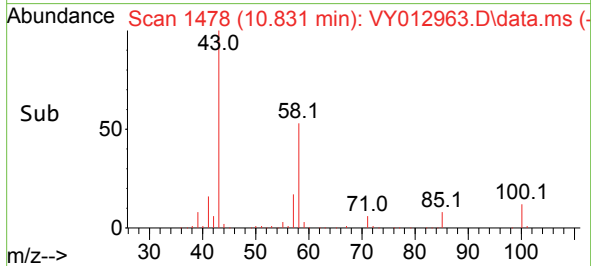
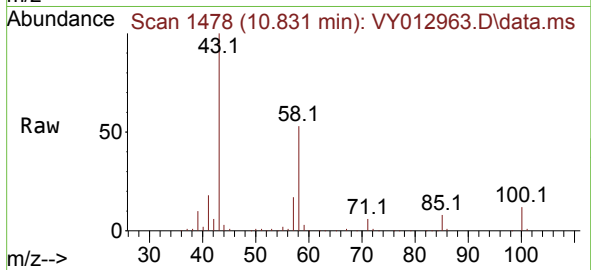




#59
2-Hexanone
Concen: 119.813 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

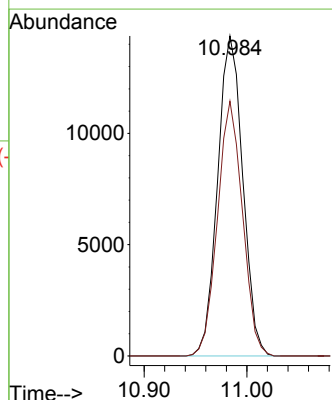
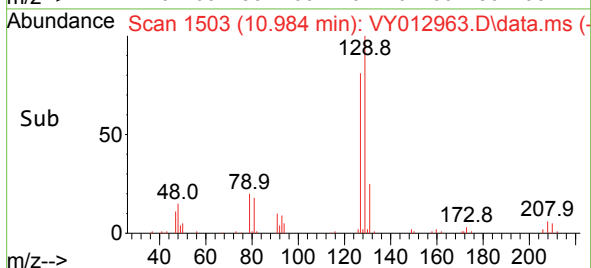
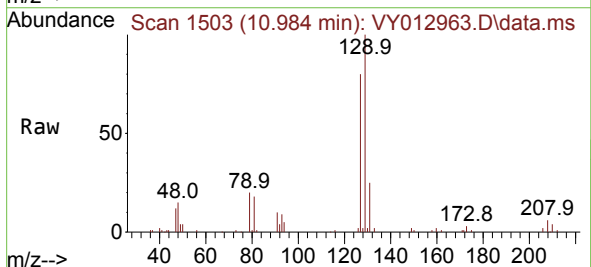
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

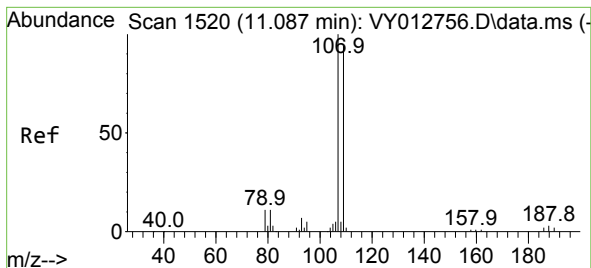
Tgt Ion: 43 Resp: 81043
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8



#60
Dibromochloromethane
Concen: 23.183 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 129 Resp: 24422
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1

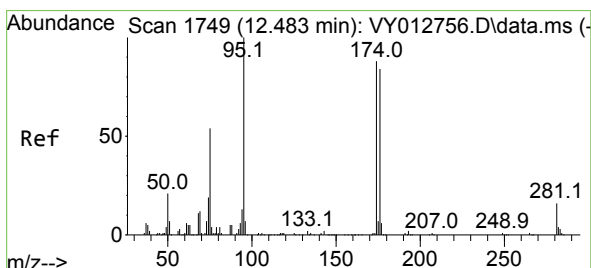
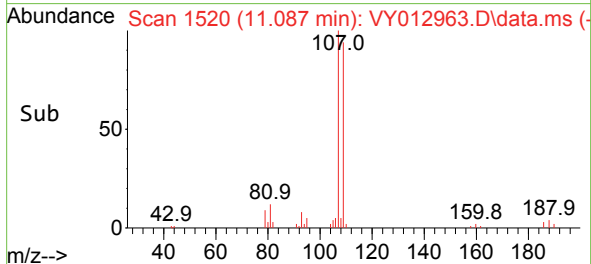
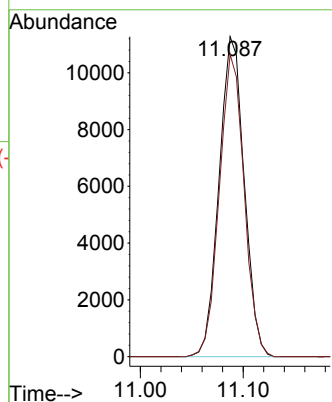
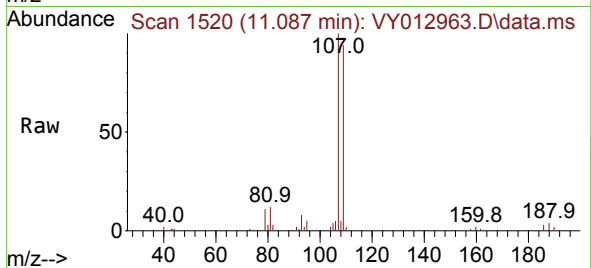




#61
1,2-Dibromoethane
Concen: 22.906 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

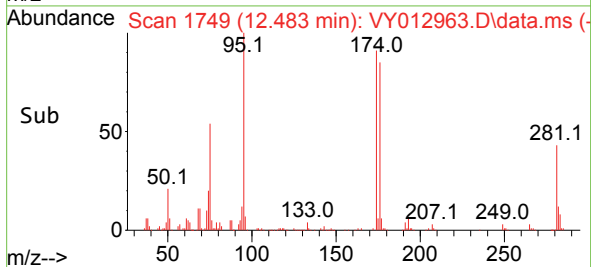
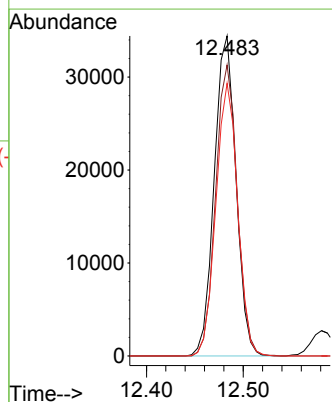
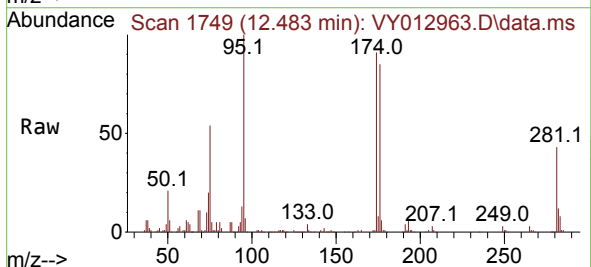
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

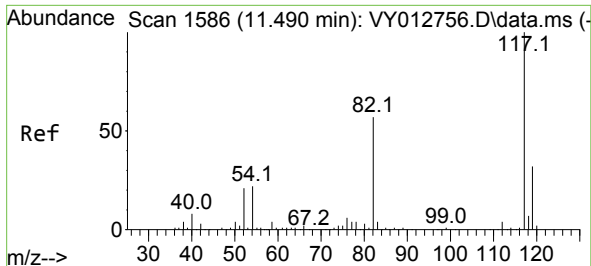
Tgt Ion:107 Resp: 19096
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 95 Resp: 53709
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 85.5 0.0 170.2

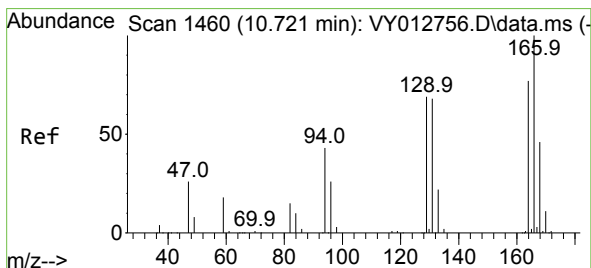
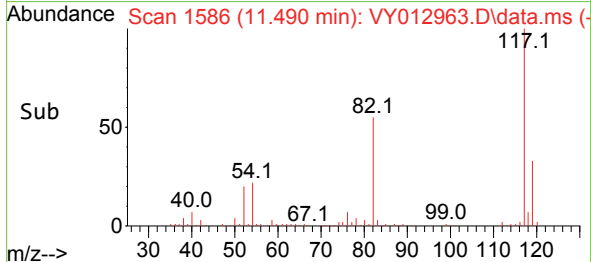
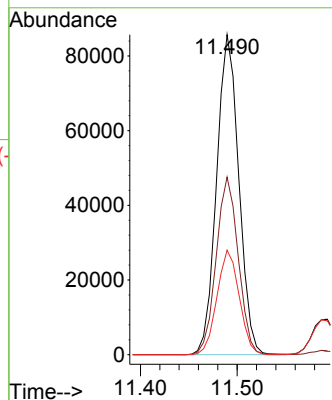
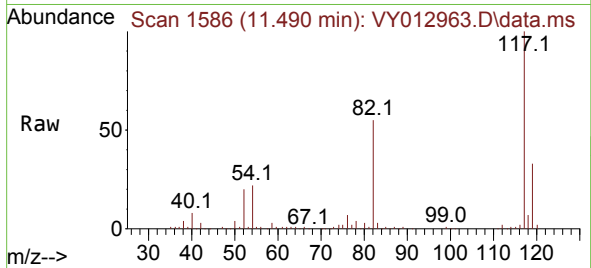




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

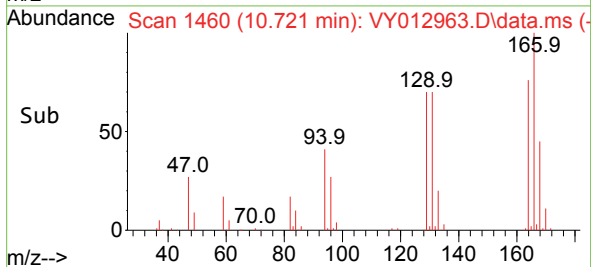
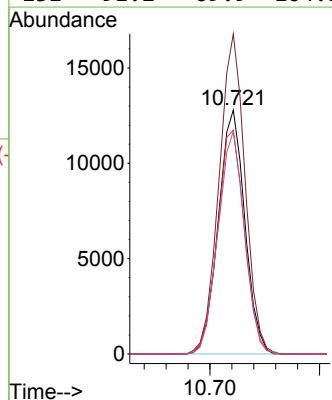
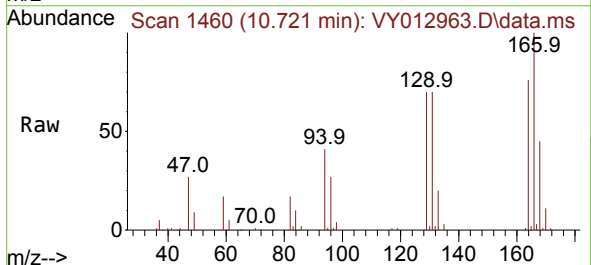
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

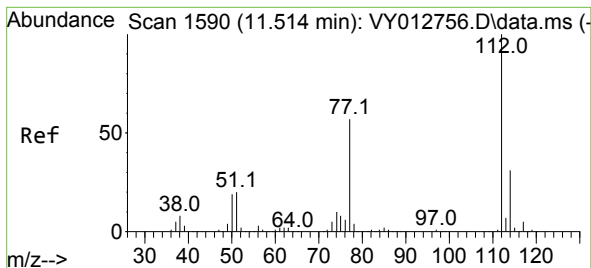
Tgt Ion:117 Resp: 136462
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 21.565 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:164 Resp: 21426
Ion Ratio Lower Upper
164 100
166 131.1 103.4 155.2
129 91.7 71.4 107.2
131 91.2 69.9 104.9

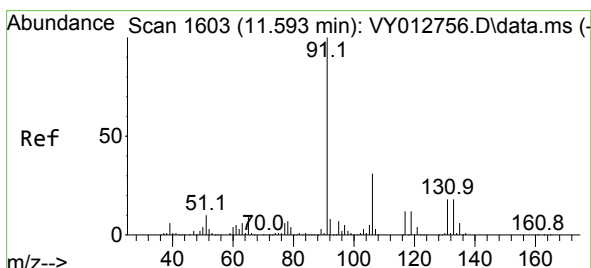
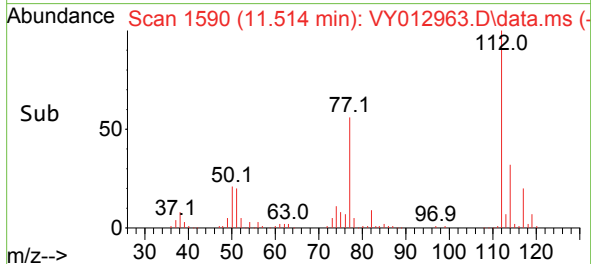
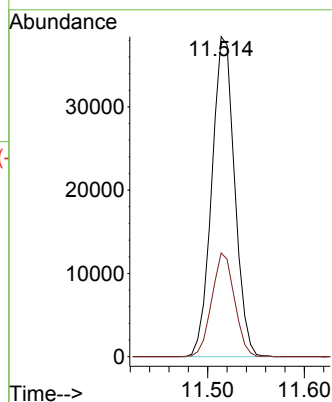
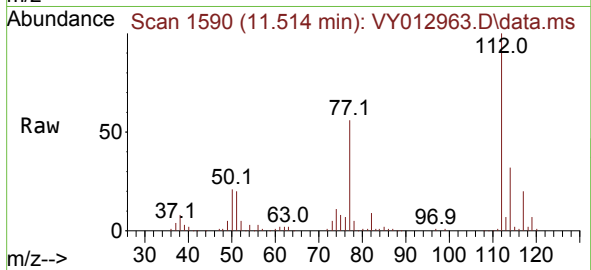




#65
Chlorobenzene
Concen: 21.985 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

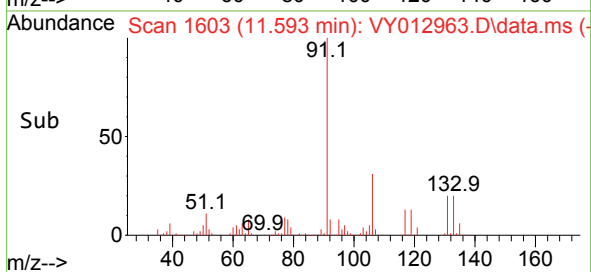
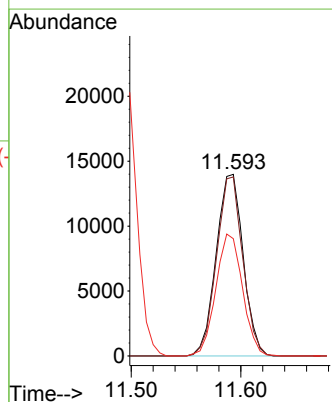
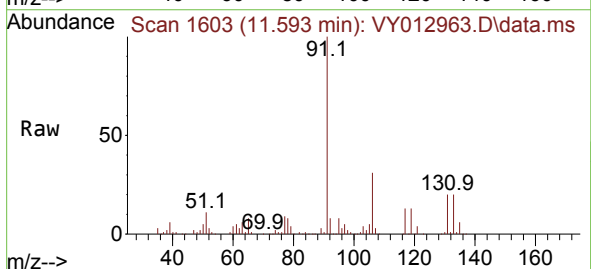
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

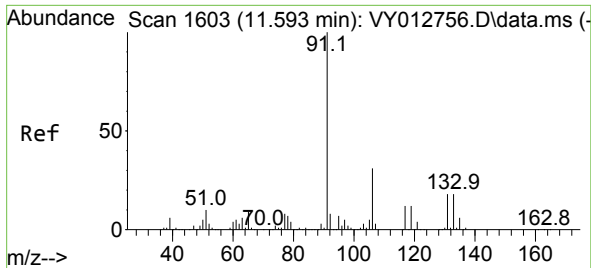
Tgt Ion:112 Resp: 62965
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.617 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:131 Resp: 23969
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.4 32.6 98.0

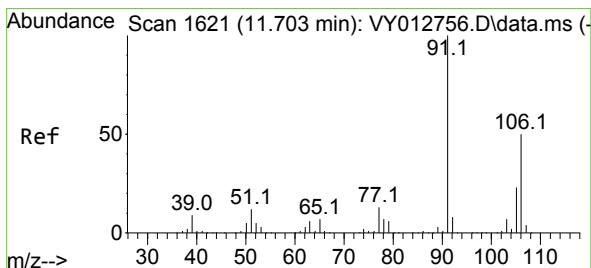
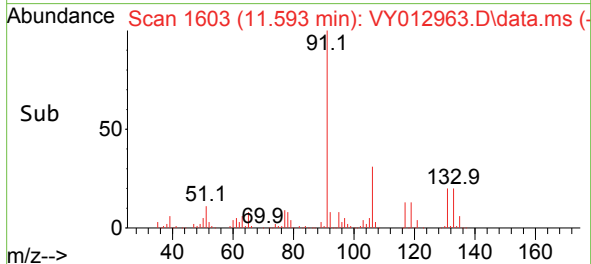
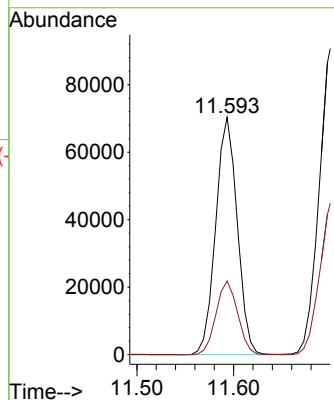
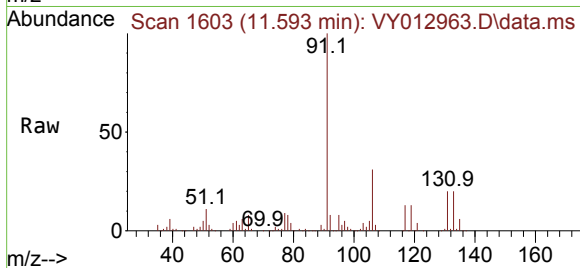




#67
Ethyl Benzene
Concen: 21.564 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

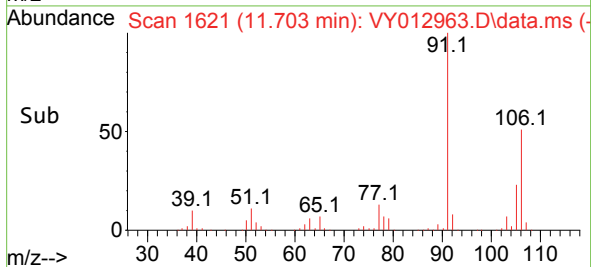
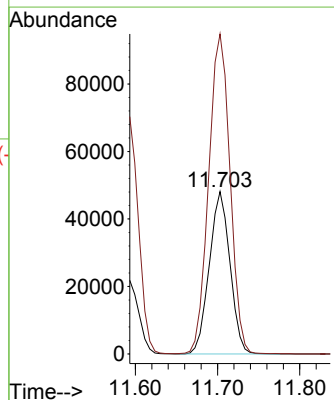
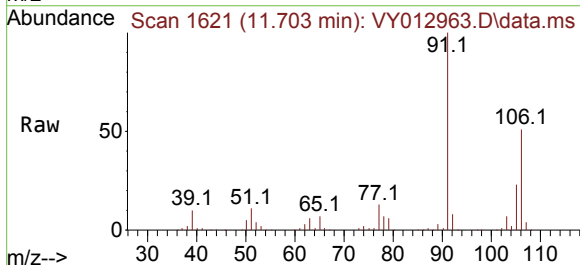
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

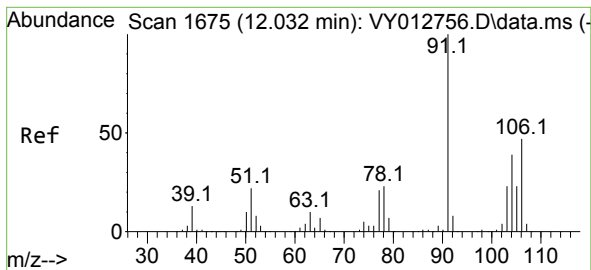
Tgt Ion: 91 Resp: 108582
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7



#68
m/p-Xylenes
Concen: 43.378 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:106 Resp: 84027
Ion Ratio Lower Upper
106 100
91 204.0 159.8 239.8





#69

o-Xylene

Concen: 21.915 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

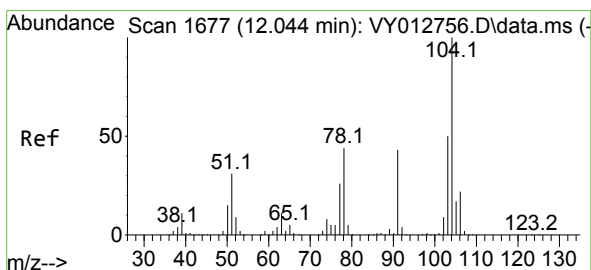
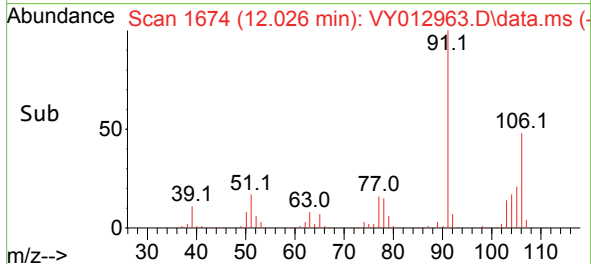
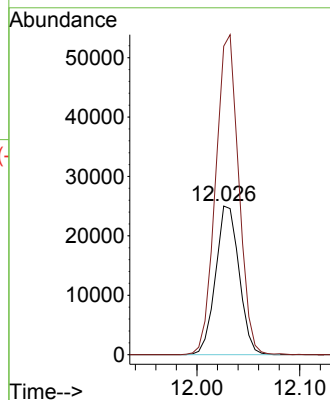
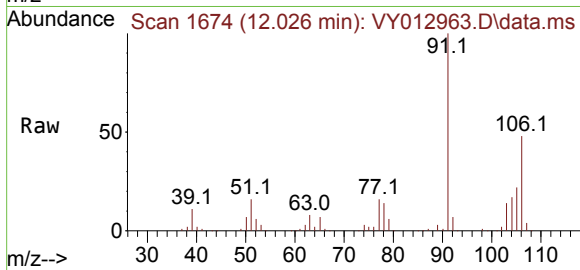
VY0316SBS01

Tgt Ion:106 Resp: 39620

Ion Ratio Lower Upper

106 100

91 212.4 107.2 321.6



#70

Styrene

Concen: 22.561 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

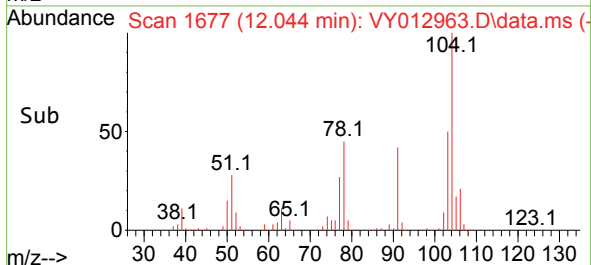
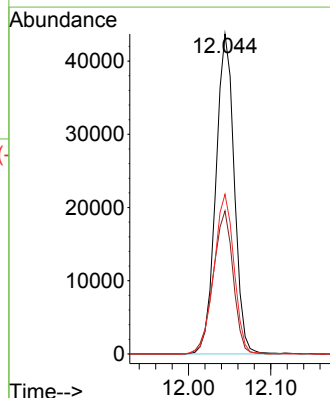
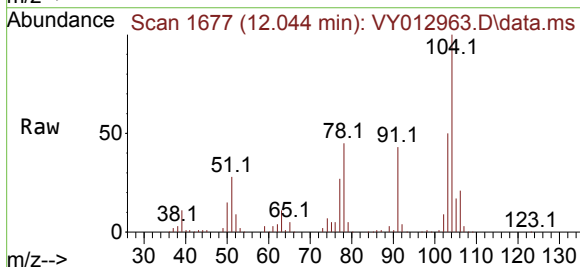
Tgt Ion:104 Resp: 68065

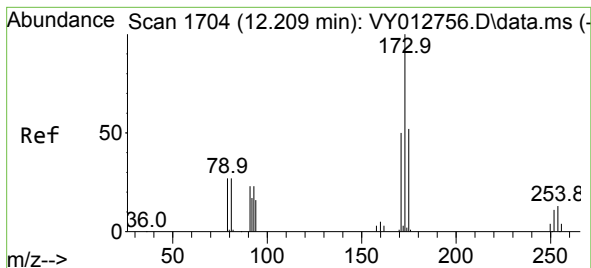
Ion Ratio Lower Upper

104 100

78 48.6 39.2 58.8

103 54.2 43.7 65.5





#71

Bromoform

Concen: 23.701 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

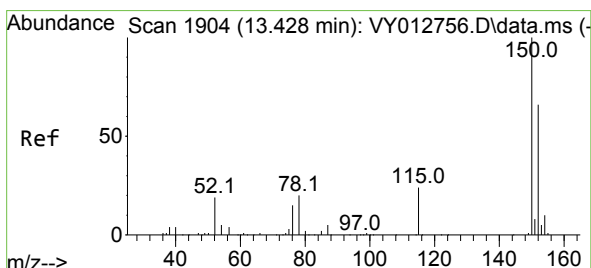
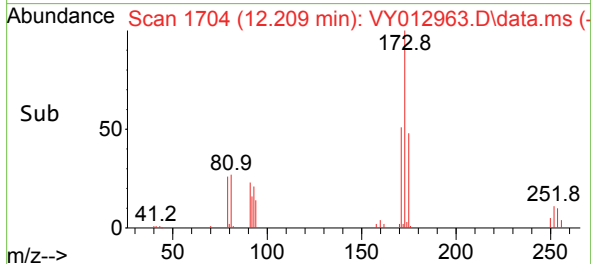
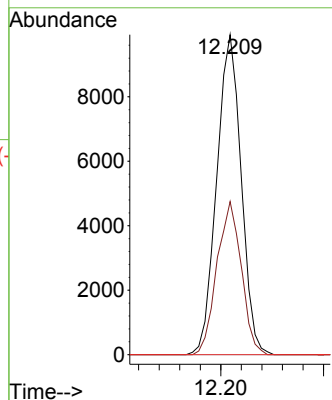
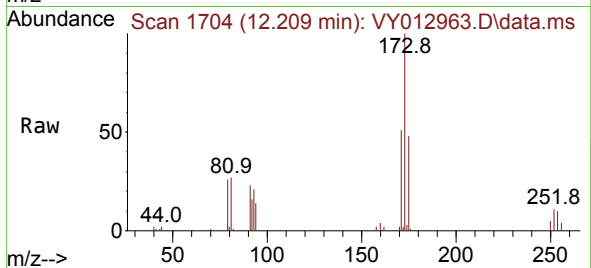
Tgt Ion:173 Resp: 16377

Ion Ratio Lower Upper

173 100

175 47.8 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

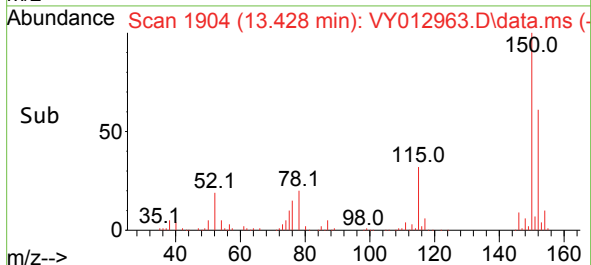
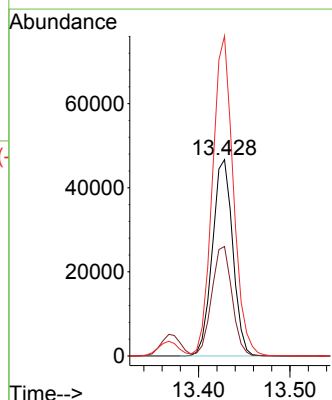
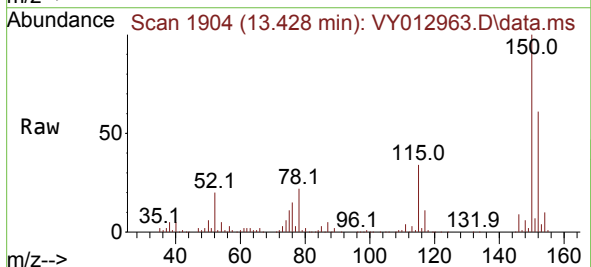
Tgt Ion:152 Resp: 72308

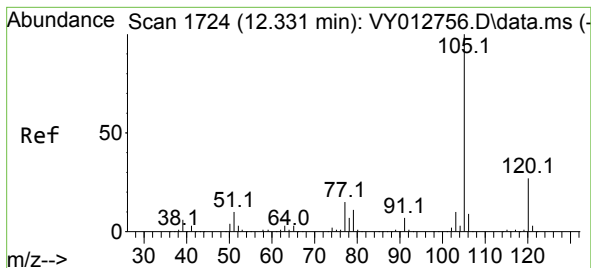
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 166.8 0.0 347.8





#73

Isopropylbenzene

Concen: 20.602 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

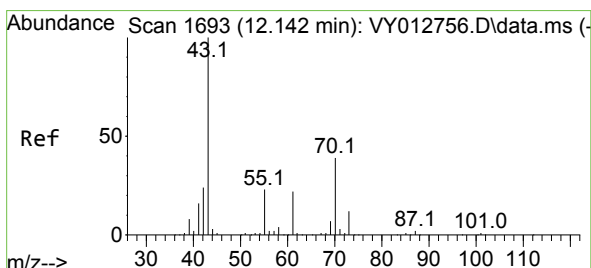
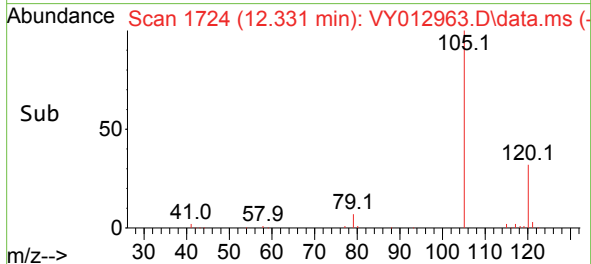
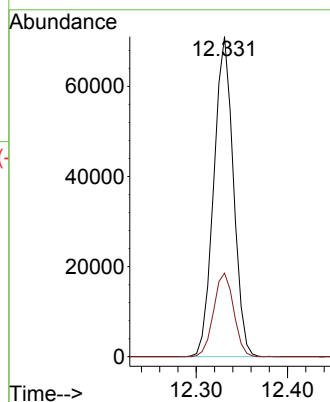
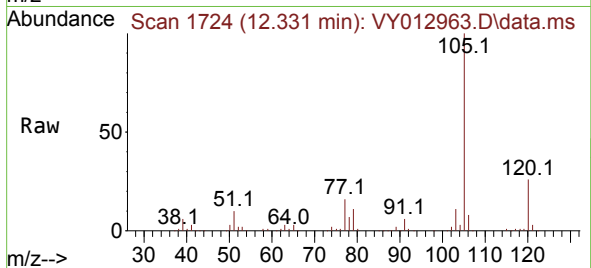
VY0316SBS01

Tgt Ion:105 Resp: 105577

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.257 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Tgt Ion: 43 Resp: 32661

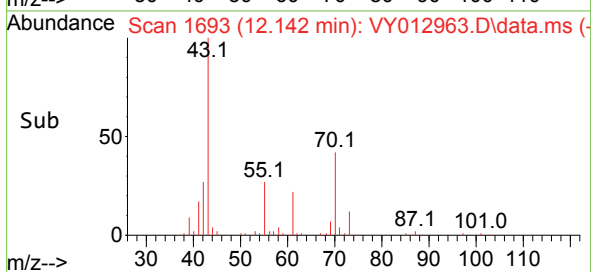
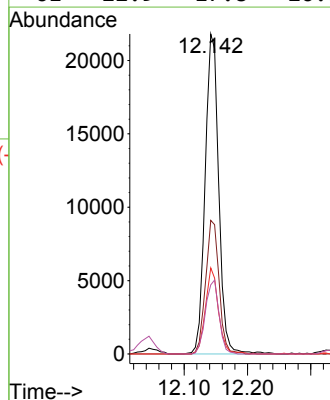
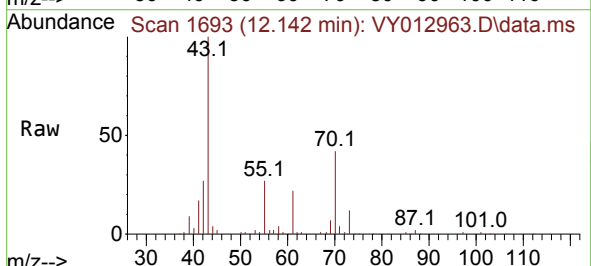
Ion Ratio Lower Upper

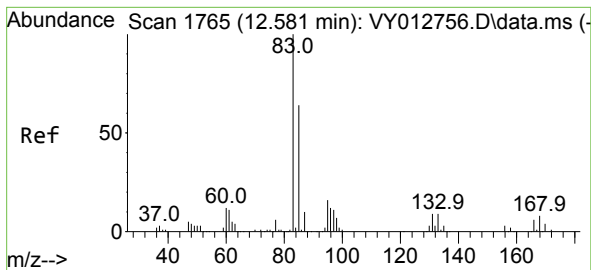
43 100

70 41.3 31.6 47.4

55 25.8 18.8 28.2

61 22.9 17.8 26.8

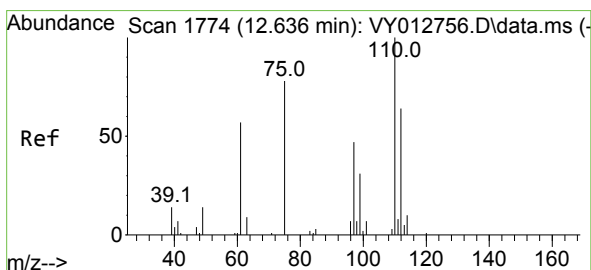
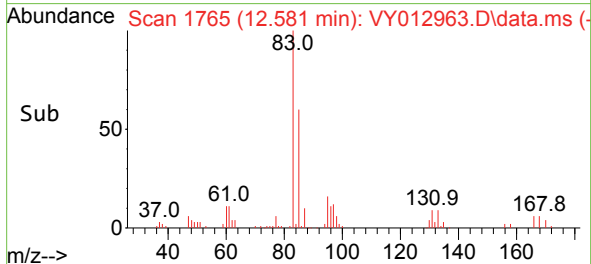
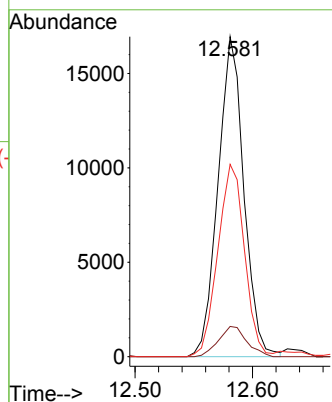
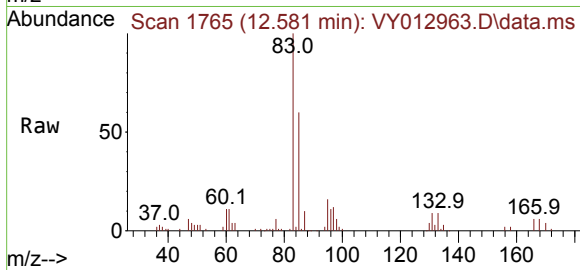




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.503 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

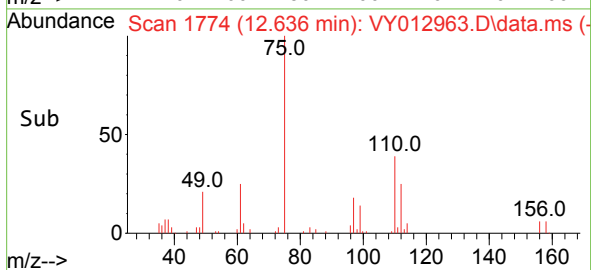
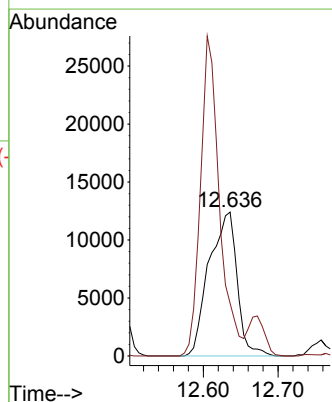
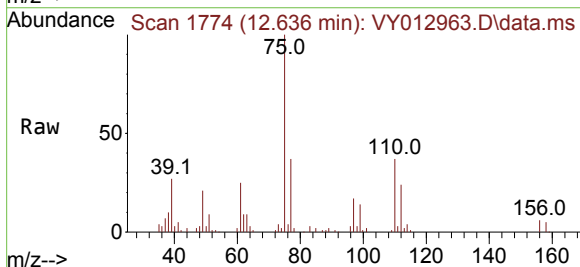
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBSD01

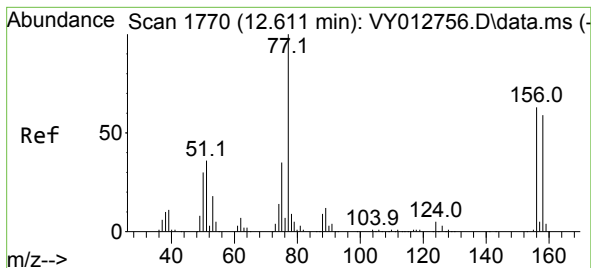
Tgt Ion: 83 Resp: 25923
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.2
 85 62.0 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 37.508 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY012963.D
 Acq: 16 Mar 2023 12:07

Tgt Ion: 75 Resp: 32387
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.254 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316BSD01

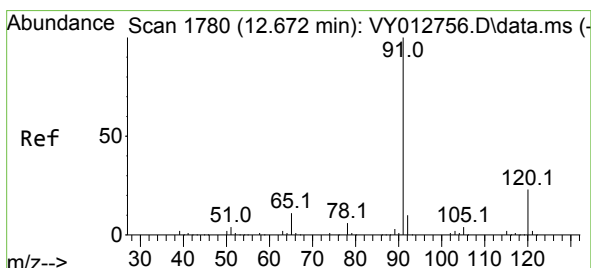
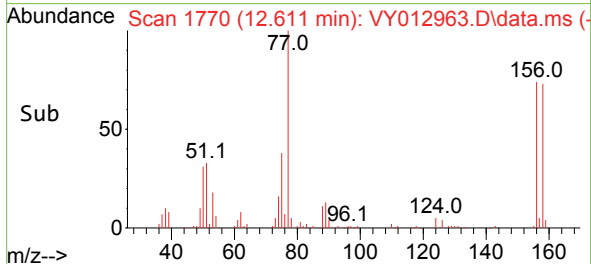
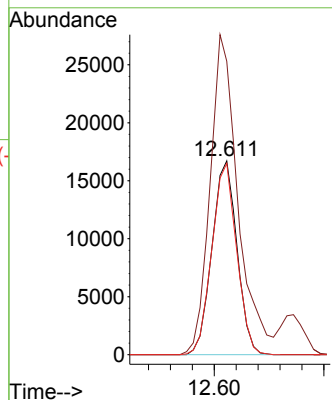
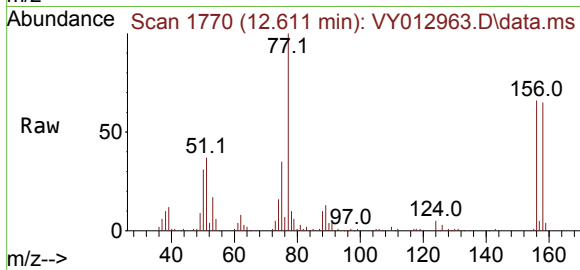
Tgt Ion:156 Resp: 26459

Ion Ratio Lower Upper

156 100

77 184.4 94.0 282.1

158 98.1 48.1 144.4



#78

n-propylbenzene

Concen: 21.022 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012963.D

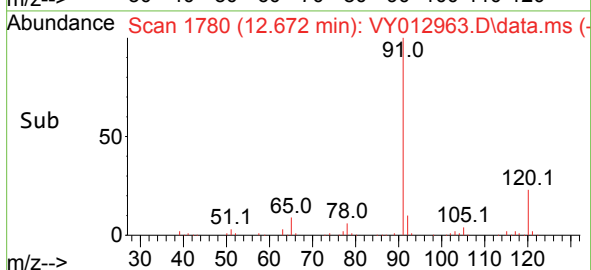
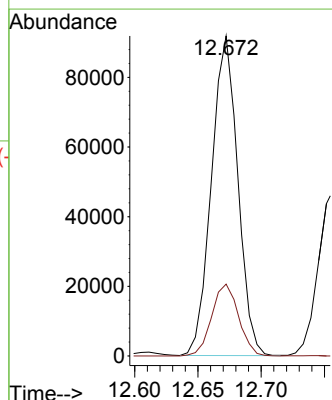
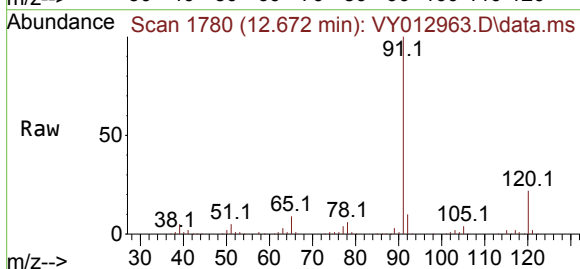
Acq: 16 Mar 2023 12:07

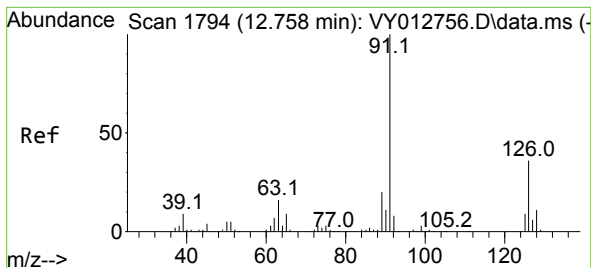
Tgt Ion: 91 Resp: 132815

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 21.024 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

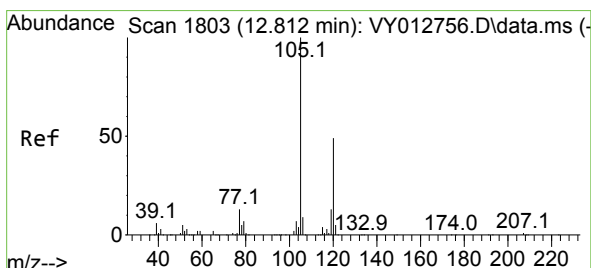
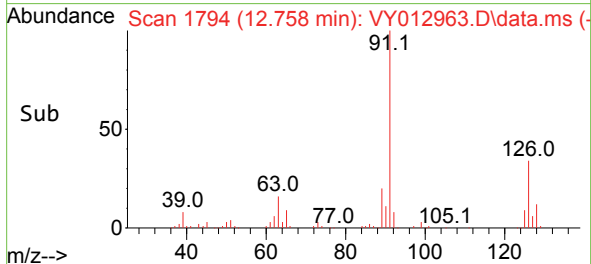
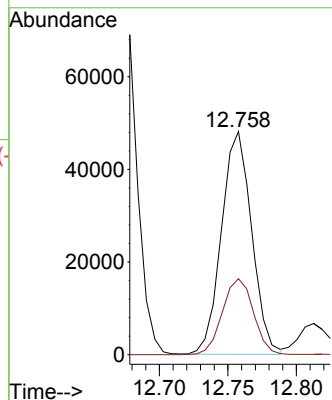
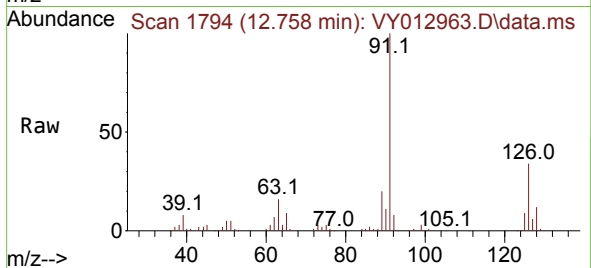
VY0316SBS01

Tgt Ion: 91 Resp: 73824

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 21.296 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012963.D

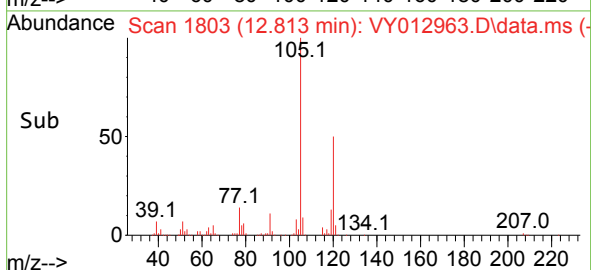
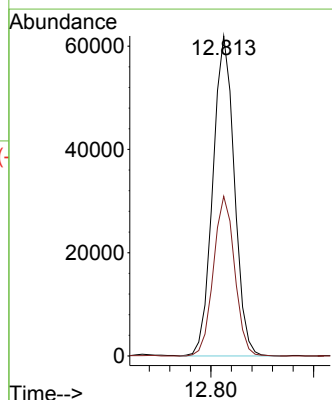
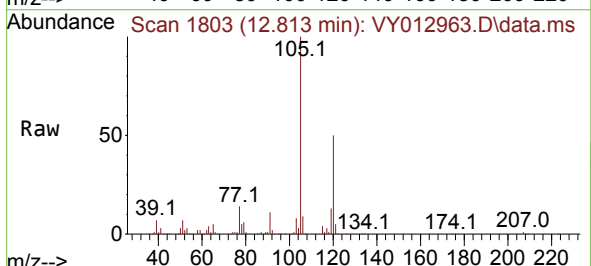
Acq: 16 Mar 2023 12:07

Tgt Ion:105 Resp: 90063

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4

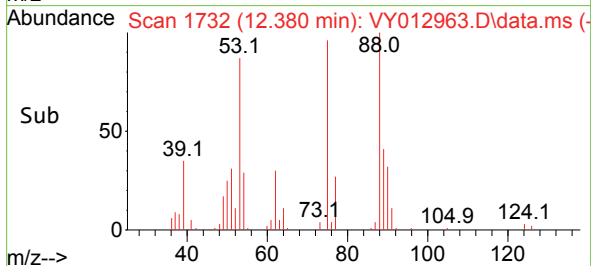
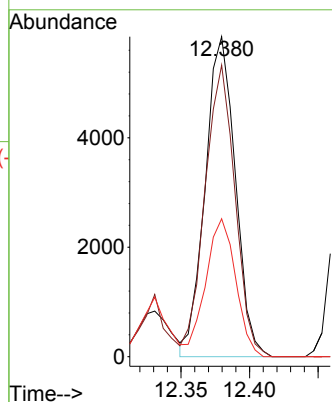
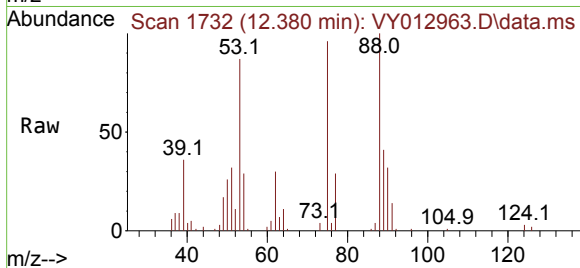




#81
trans-1,4-Dichloro-2-butene
Concen: 21.414 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

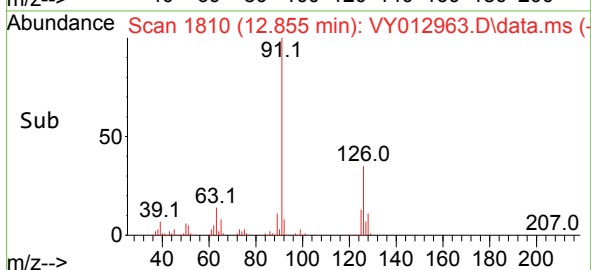
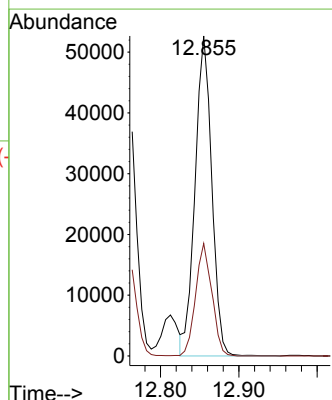
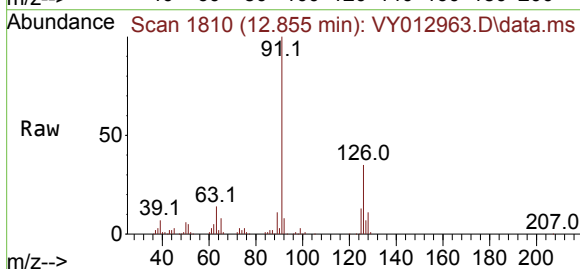
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBSD01

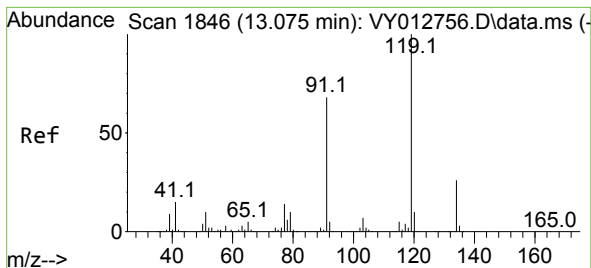
Tgt Ion:	75	Resp:	8924
Ion	Ratio	Lower	Upper
75	100		
53	91.0	73.4	110.0
89	43.3	36.6	55.0



#82
4-Chlorotoluene
Concen: 21.502 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:	91	Resp:	78158
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.7	53.1

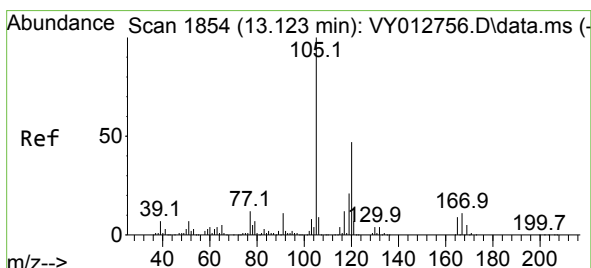
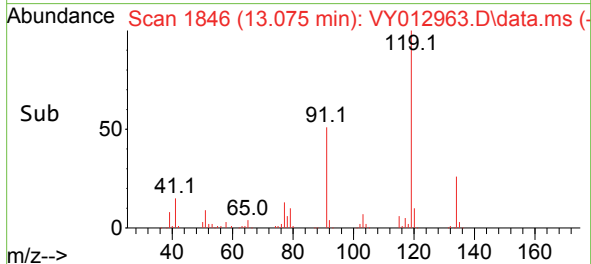
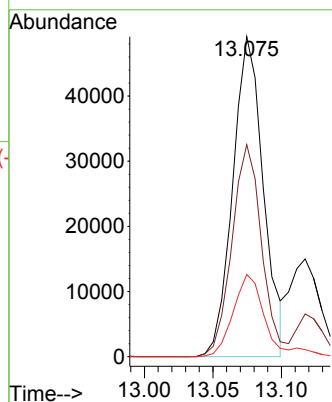
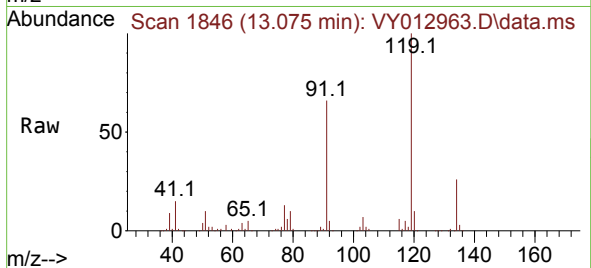




#83
tert-Butylbenzene
Concen: 20.994 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

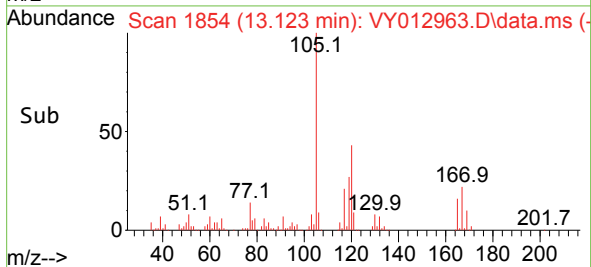
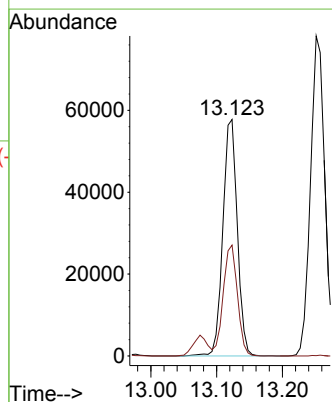
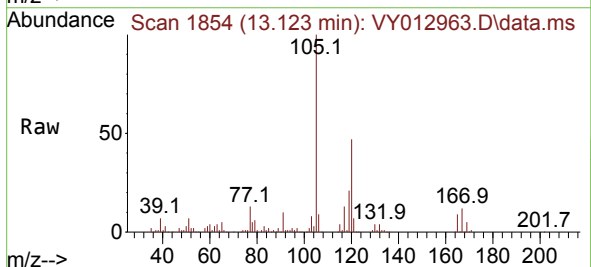
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBSD01

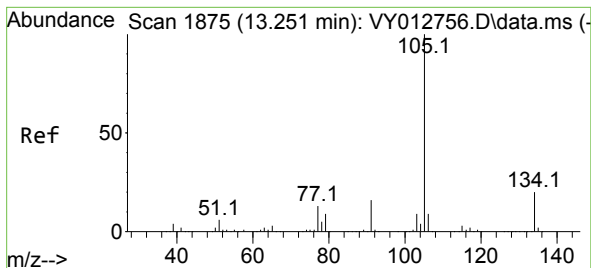
Tgt Ion:119 Resp: 76633
Ion Ratio Lower Upper
119 100
91 64.4 32.8 98.3
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.352 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion:105 Resp: 88299
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.995 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

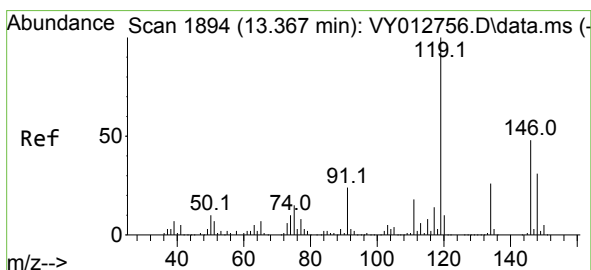
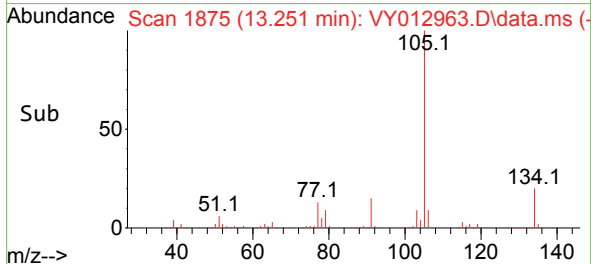
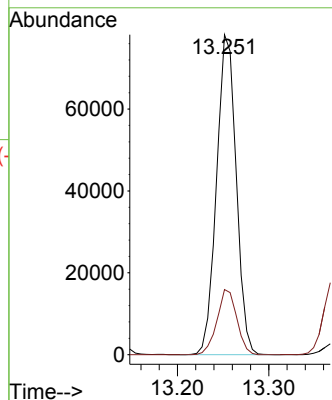
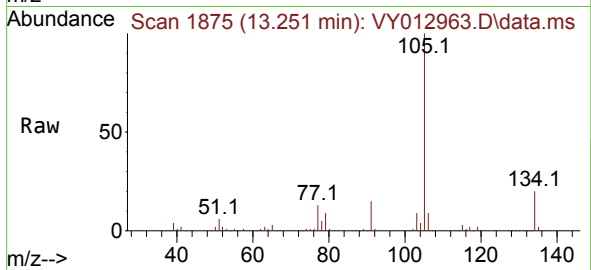
VY0316SBS01

Tgt Ion:105 Resp: 116911

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.420 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

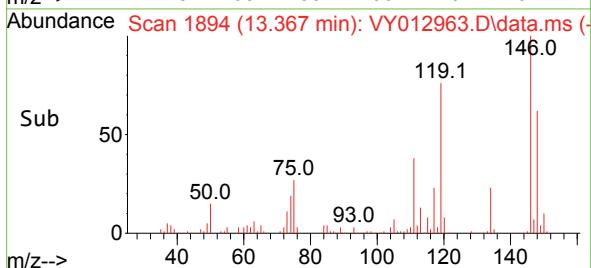
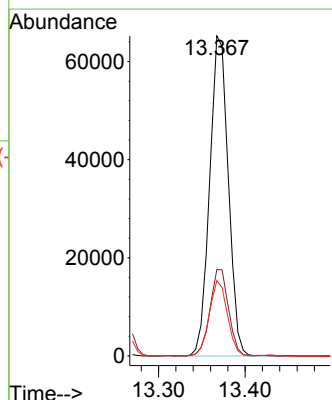
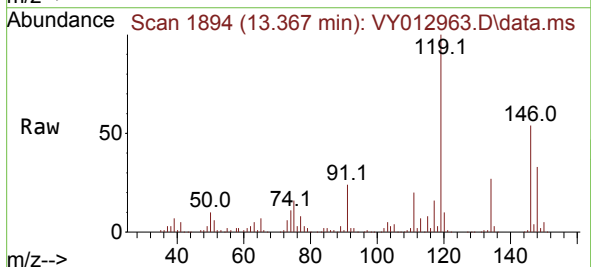
Tgt Ion:119 Resp: 97486

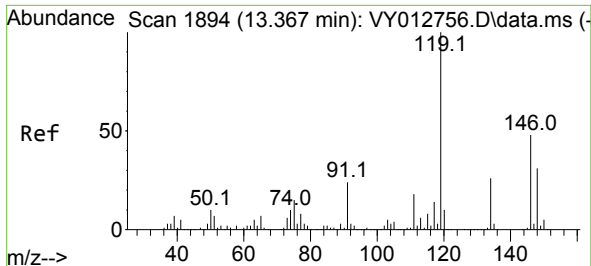
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

91 22.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 22.143 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

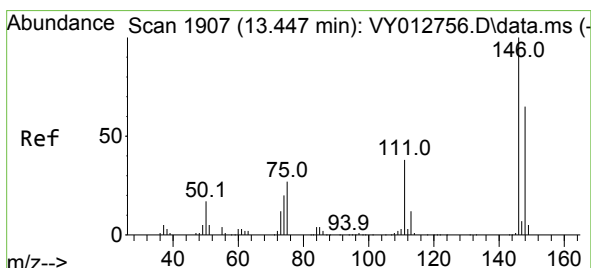
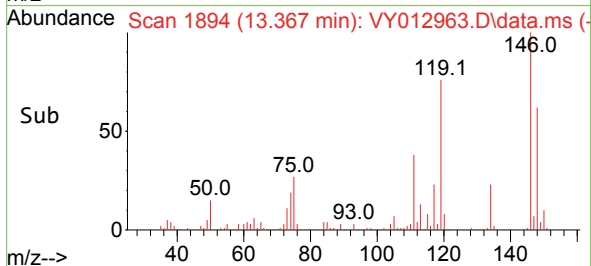
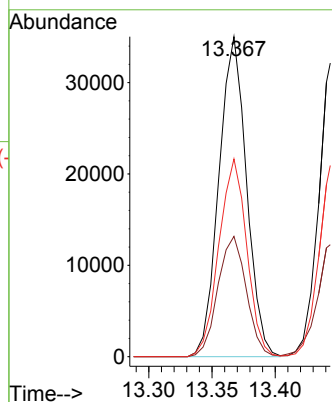
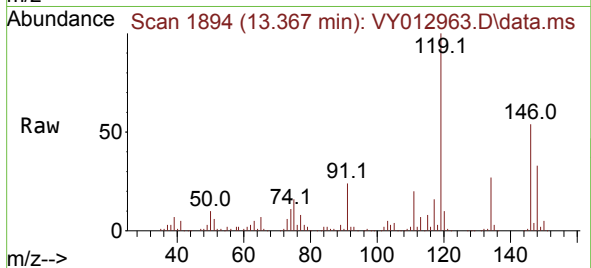
Tgt Ion:146 Resp: 53167

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 62.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 21.361 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

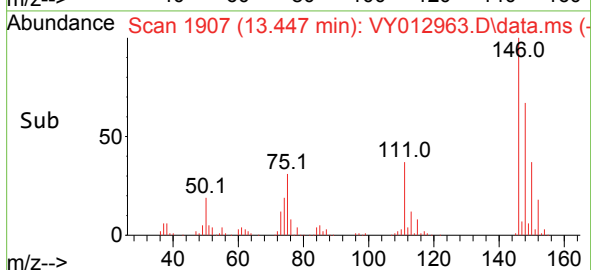
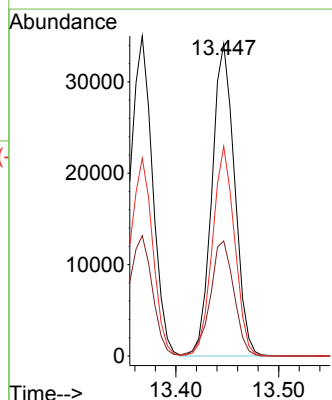
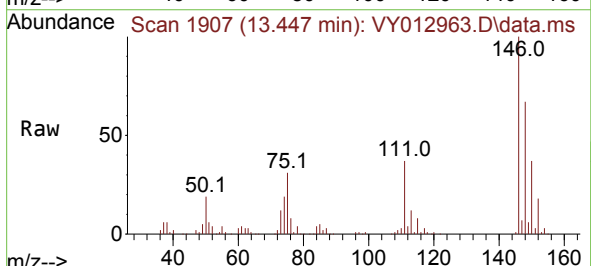
Tgt Ion:146 Resp: 52346

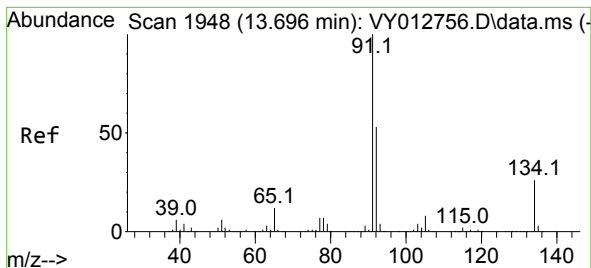
Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

148 65.5 31.5 94.5





#89

n-Butylbenzene

Concen: 20.477 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

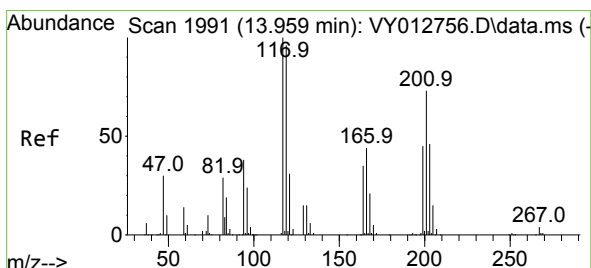
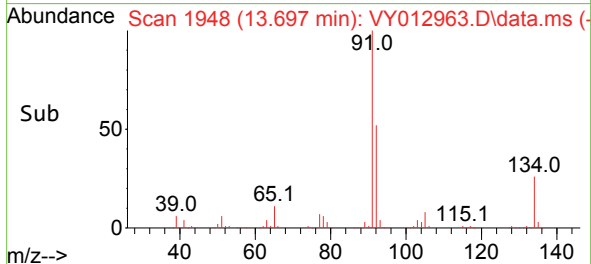
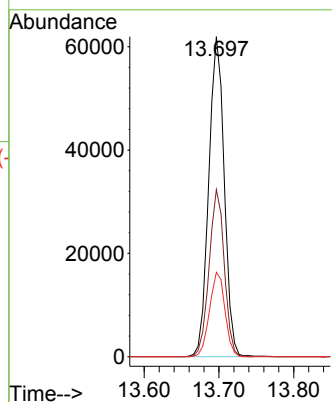
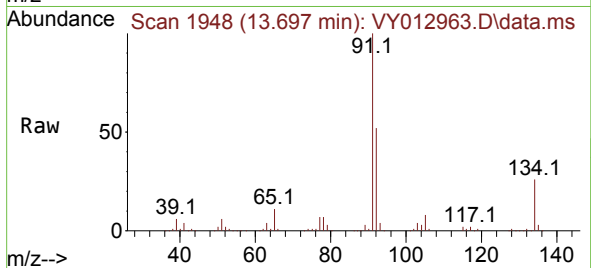
Tgt Ion: 91 Resp: 89216

Ion Ratio Lower Upper

91 100

92 51.2 26.4 79.0

134 26.3 13.0 38.9



#90

Hexachloroethane

Concen: 21.293 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012963.D

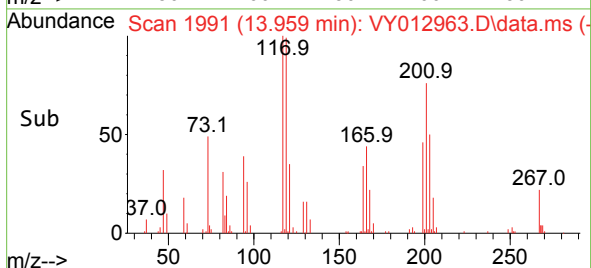
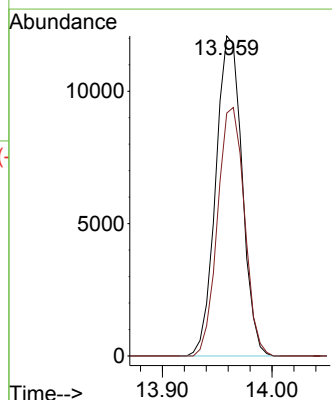
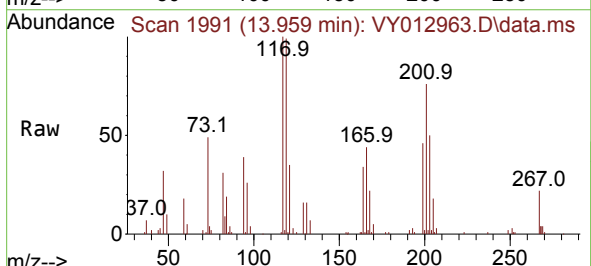
Acq: 16 Mar 2023 12:07

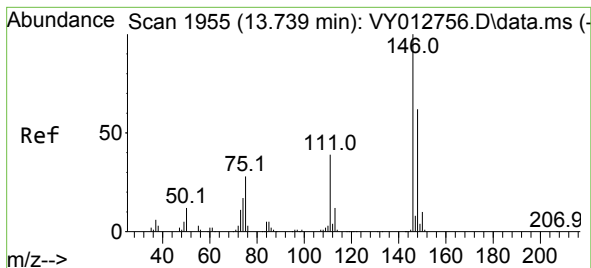
Tgt Ion: 117 Resp: 20184

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1

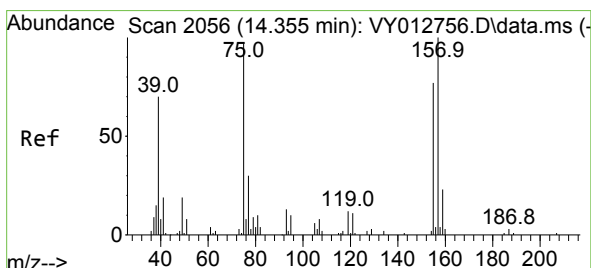
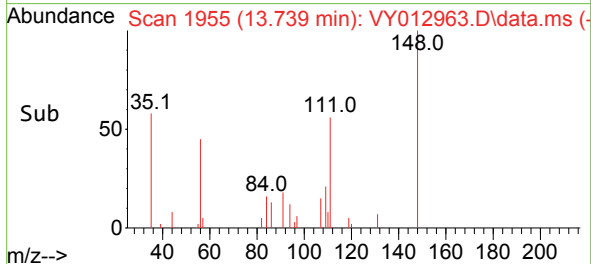
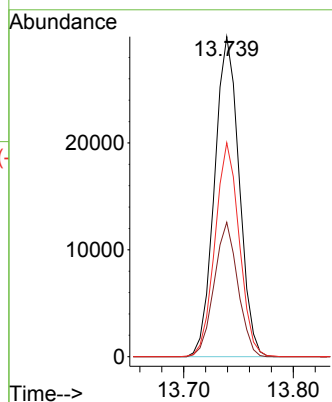
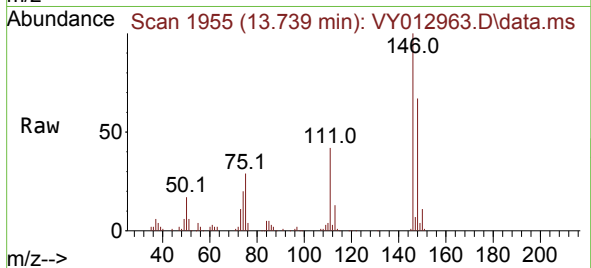




#91
1,2-Dichlorobenzene
Concen: 21.534 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

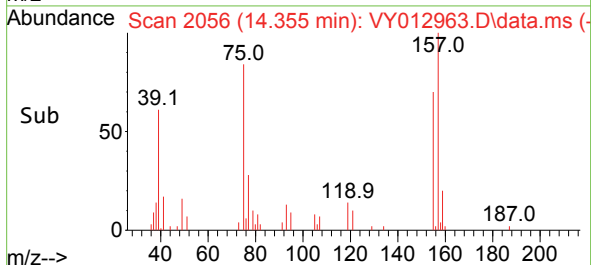
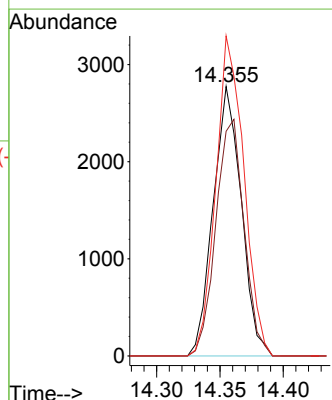
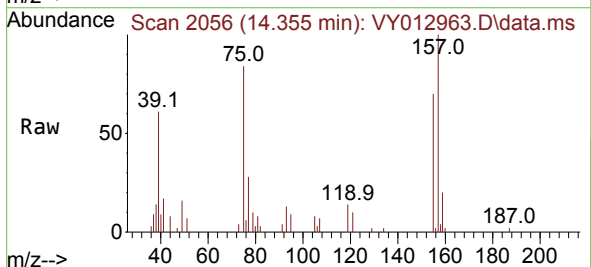
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

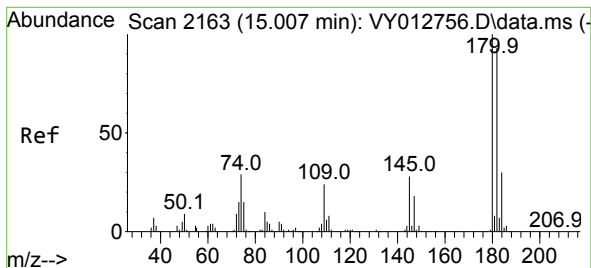
Tgt Ion:146 Resp: 46739
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.1
148 65.8 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.979 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012963.D
Acq: 16 Mar 2023 12:07

Tgt Ion: 75 Resp: 4278
Ion Ratio Lower Upper
75 100
155 88.4 43.8 131.4
157 118.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.558 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012963.D

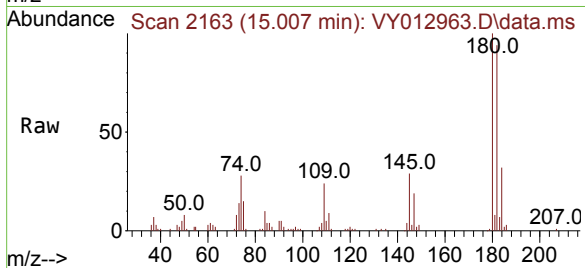
Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01



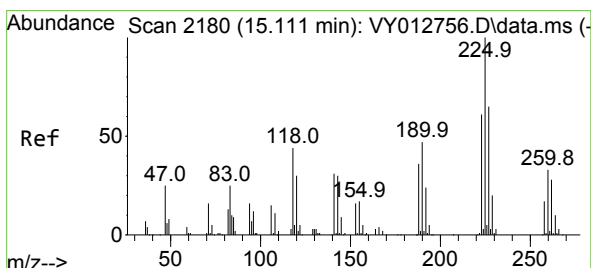
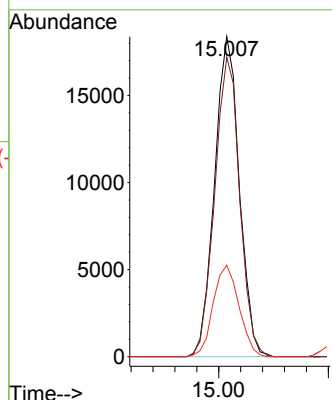
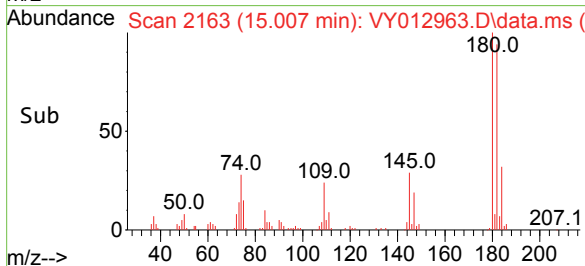
Tgt Ion:180 Resp: 28809

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.336 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

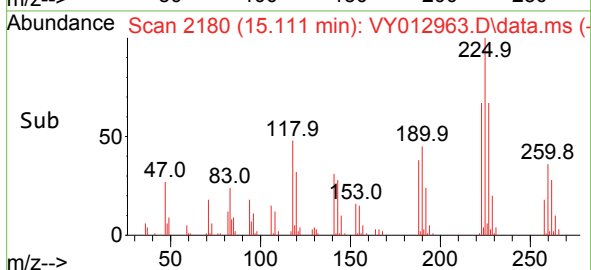
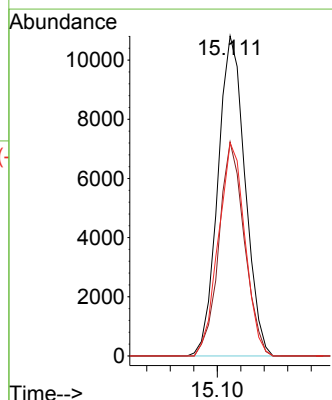
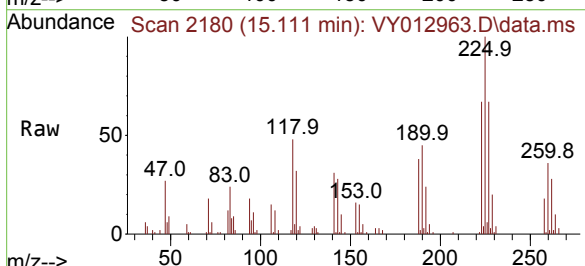
Tgt Ion:225 Resp: 17390

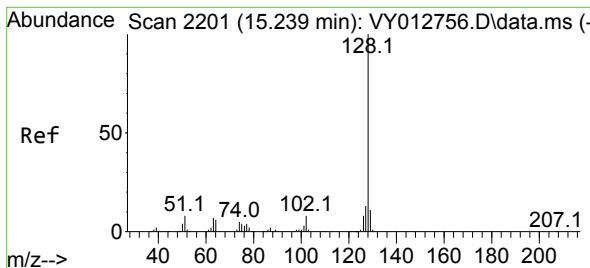
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.3

227 65.0 32.4 97.0





#95

Naphthalene

Concen: 21.547 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

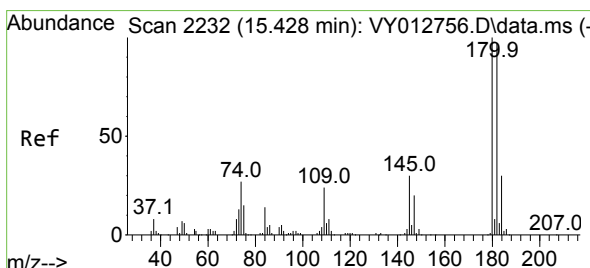
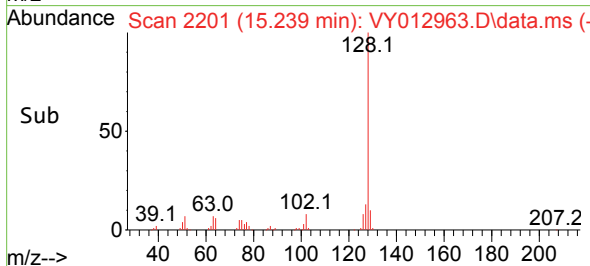
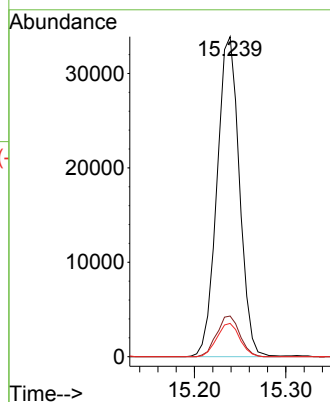
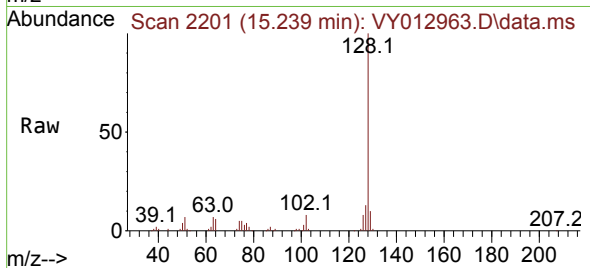
Tgt Ion:128 Resp: 57702

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.864 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY012963.D

Acq: 16 Mar 2023 12:07

Tgt Ion:180 Resp: 25986

Ion Ratio Lower Upper

180 100

182 96.3 47.4 142.3

145 31.1 15.3 45.8

