

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017706.D
 Acq On : 19 Mar 2024 12:35
 Operator : SY/MD
 Sample : VY0319SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

Quant Time: Mar 20 03:02:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	156210	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	242544	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	211638	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	97874	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56238	37.987	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.980%
35) Dibromofluoromethane	7.734	113	68711	40.654	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.300%
50) Toluene-d8	10.197	98	256561	43.417	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.840%
62) 4-Bromofluorobenzene	12.495	95	76628	41.261	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20495	17.786	ug/l	96
3) Chloromethane	2.125	50	35771	16.990	ug/l	94
4) Vinyl Chloride	2.266	62	45321	16.779	ug/l	100
5) Bromomethane	2.662	94	40591	18.441	ug/l	100
6) Chloroethane	2.808	64	30726	18.033	ug/l	97
7) Trichlorofluoromethane	3.144	101	50146	18.216	ug/l	98
8) Diethyl Ether	3.546	74	14741	18.257	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	31686	20.011	ug/l	98
10) Methyl Iodide	4.113	142	32189	18.114	ug/l	98
11) Tert butyl alcohol	4.979	59	7518	59.783	ug/l #	94
12) 1,1-Dichloroethene	3.893	96	29110	19.727	ug/l	88
13) Acrolein	3.747	56	9227	55.608	ug/l	100
14) Allyl chloride	4.503	41	32863	18.431	ug/l	95
15) Acrylonitrile	5.186	53	27800	83.758	ug/l	99
16) Acetone	3.967	43	25367	88.341	ug/l	93
17) Carbon Disulfide	4.216	76	81407	18.379	ug/l	98
18) Methyl Acetate	4.503	43	10537	15.125	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	61345	17.836	ug/l	99
20) Methylene Chloride	4.741	84	36912	18.420	ug/l	92
21) trans-1,2-Dichloroethene	5.247	96	33022	19.112	ug/l	94
22) Diisopropyl ether	6.137	45	77215	18.767	ug/l	95
23) Vinyl Acetate	6.082	43	214748	87.588	ug/l	99
24) 1,1-Dichloroethane	6.045	63	54458	19.373	ug/l	98
25) 2-Butanone	7.009	43	35203	86.024	ug/l	96
26) 2,2-Dichloropropane	7.003	77	45148	19.103	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	37342	19.249	ug/l	97
28) Bromochloromethane	7.356	49	19545	17.655	ug/l	92
29) Tetrahydrofuran	7.368	42	19113	77.480	ug/l	96
30) Chloroform	7.527	83	58866	19.670	ug/l	98
31) Cyclohexane	7.807	56	45309	18.806	ug/l	93
32) 1,1,1-Trichloroethane	7.722	97	50824	19.561	ug/l	99
36) 1,1-Dichloropropene	7.935	75	44512	19.520	ug/l	99
37) Ethyl Acetate	7.094	43	14601	16.212	ug/l	95
38) Carbon Tetrachloride	7.923	117	46511	20.351	ug/l	100
39) Methylcyclohexane	9.203	83	52611	19.198	ug/l	98
40) Benzene	8.179	78	132614	19.583	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	6347	14.043	ug/l #	84
42) 1,2-Dichloroethane	8.252	62	30801	18.642	ug/l	97
43) Isopropyl Acetate	8.289	43	26969	17.040	ug/l	98
44) Trichloroethene	8.960	130	38906	19.932	ug/l	97
45) 1,2-Dichloropropane	9.234	63	30821	19.130	ug/l	98
46) Dibromomethane	9.325	93	17149	18.598	ug/l	96
47) Bromodichloromethane	9.514	83	43334	19.355	ug/l	97
48) Methyl methacrylate	9.307	41	12125	16.551	ug/l	92
49) 1,4-Dioxane	9.313	88	3358	321.794	ug/l #	93
51) 4-Methyl-2-Pentanone	10.087	43	72171	81.820	ug/l	98
52) Toluene	10.264	92	84787	19.860	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	38359	18.459	ug/l	95
54) cis-1,3-Dichloropropene	9.947	75	47121	18.662	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	24368	18.613	ug/l	97
56) Ethyl methacrylate	10.526	69	25140	17.354	ug/l	99
57) 1,3-Dichloropropane	10.807	76	39214	18.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	58663	77.652	ug/l	96
59) 2-Hexanone	10.849	43	51878	85.624	ug/l	97
60) Dibromochloromethane	11.002	129	29428	19.001	ug/l	100
61) 1,2-Dibromoethane	11.105	107	22287	18.473	ug/l	100
64) Tetrachloroethene	10.734	164	39778	19.582	ug/l	97
65) Chlorobenzene	11.532	112	89662	19.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	32705	19.434	ug/l	99
67) Ethyl Benzene	11.611	91	154331	19.590	ug/l	96
68) m/p-Xylenes	11.721	106	122747	39.652	ug/l	99
69) o-Xylene	12.044	106	56609	19.711	ug/l	96
70) Styrene	12.063	104	92090	19.318	ug/l	97
71) Bromoform	12.227	173	17506	18.771	ug/l #	99
73) Isopropylbenzene	12.343	105	149424	20.550	ug/l	99
74) N-amyl acetate	12.160	43	21545	16.800	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	24747	19.819	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	30403	32.693	ug/l #	100
77) Bromobenzene	12.624	156	35648	20.244	ug/l	94
78) n-propylbenzene	12.684	91	182367	20.902	ug/l	99
79) 2-Chlorotoluene	12.770	91	98206	20.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	119980	20.595	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7331	18.114	ug/l	98
82) 4-Chlorotoluene	12.867	91	98561	19.727	ug/l	96
83) tert-Butylbenzene	13.087	119	107401	20.995	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	116127	20.192	ug/l	98
85) sec-Butylbenzene	13.264	105	161304	20.624	ug/l	99
86) p-Isopropyltoluene	13.386	119	130598	20.398	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	70200	19.861	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	68484	19.930	ug/l	99
89) n-Butylbenzene	13.709	91	116442	19.934	ug/l	100
90) Hexachloroethane	13.971	117	26462	20.616	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	58747	19.650	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2887	16.446	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	30838	19.528	ug/l	97
94) Hexachlorobutadiene	15.123	225	20313	20.834	ug/l	98
95) Naphthalene	15.251	128	44141	17.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	24814	18.317	ug/l	99

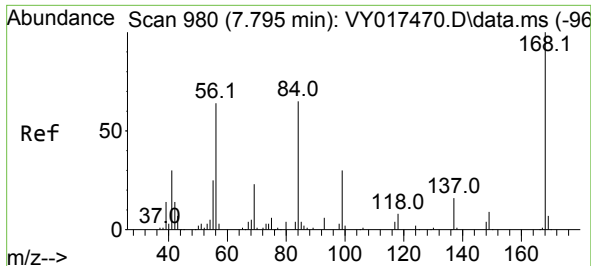
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

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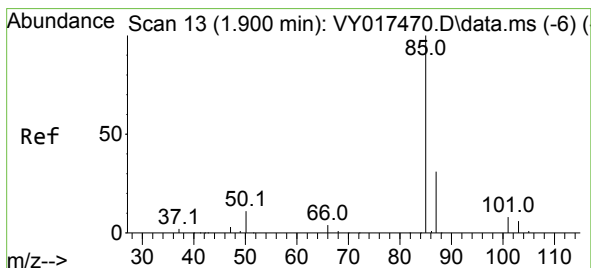
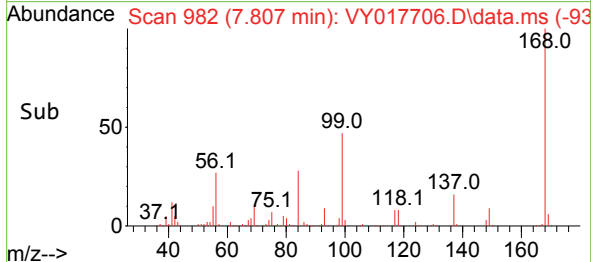
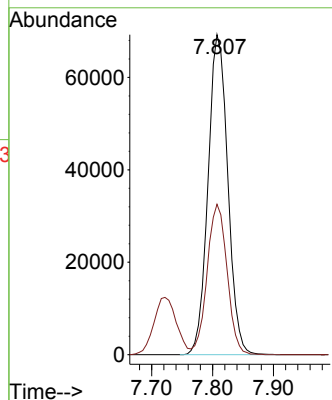
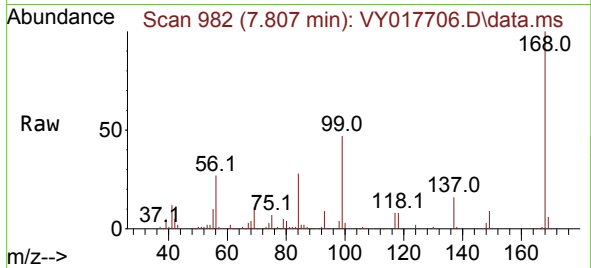
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

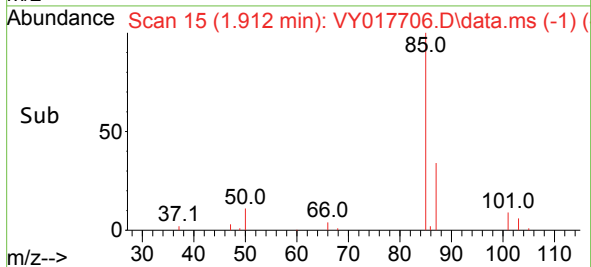
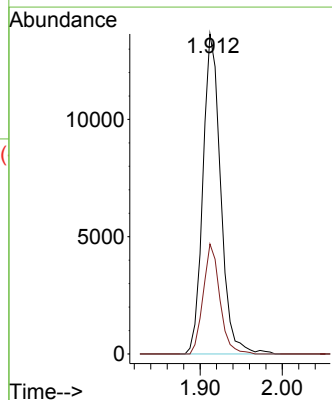
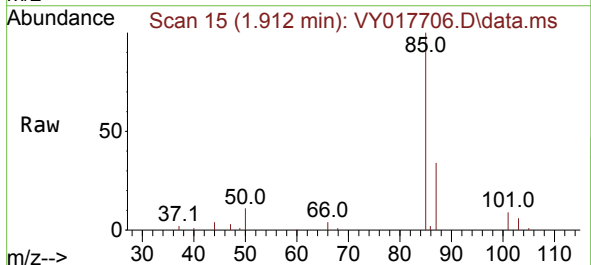
Instrument :
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ClientSampleId :
VY0319SBS01

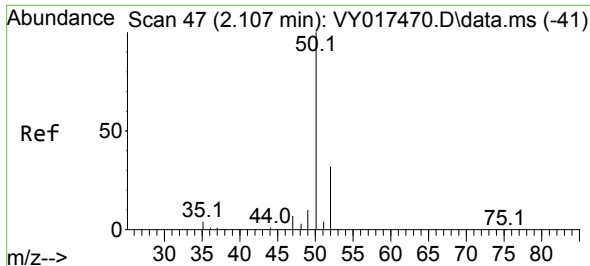
Tgt Ion:168 Resp: 156210
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 17.786 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 85 Resp: 20495
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0

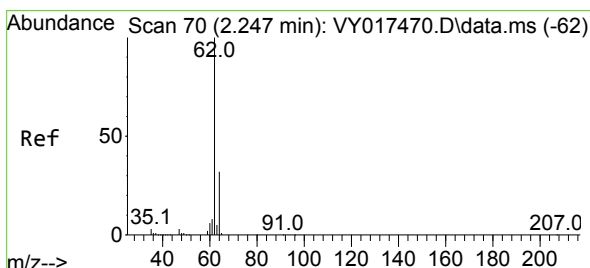
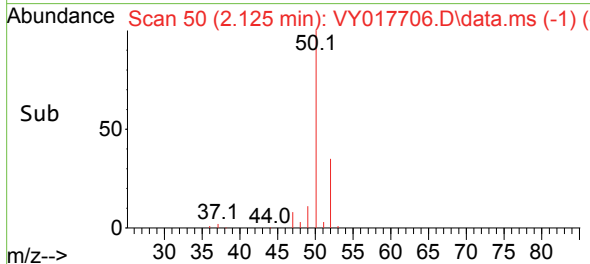
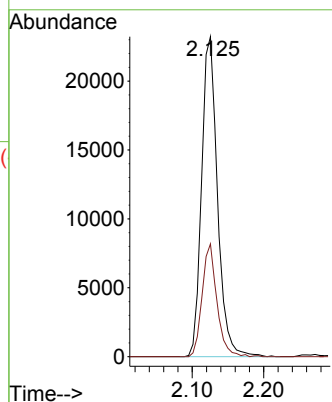
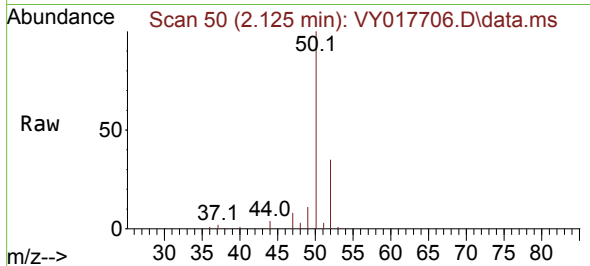




#3
Chloromethane
Concen: 16.990 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

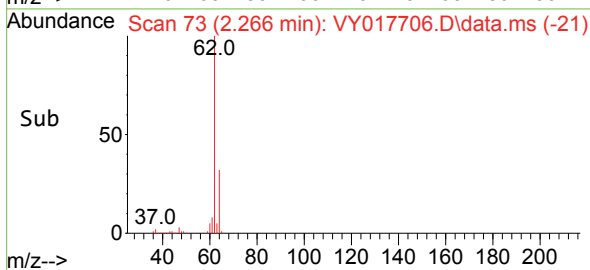
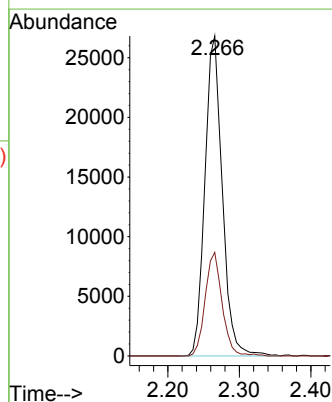
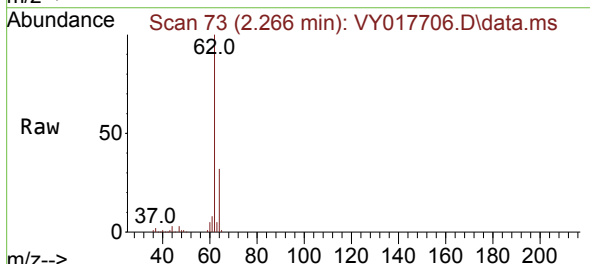
Instrument :
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ClientSampleId :
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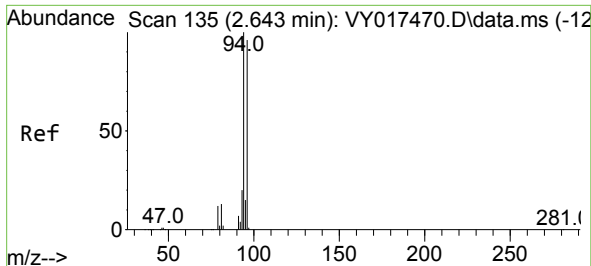
Tgt Ion: 50 Resp: 35771
Ion Ratio Lower Upper
50 100
52 35.2 25.6 38.4



#4
Vinyl Chloride
Concen: 16.779 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 62 Resp: 45321
Ion Ratio Lower Upper
62 100
64 32.3 26.1 39.1

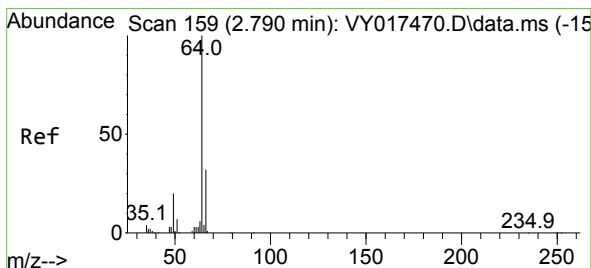
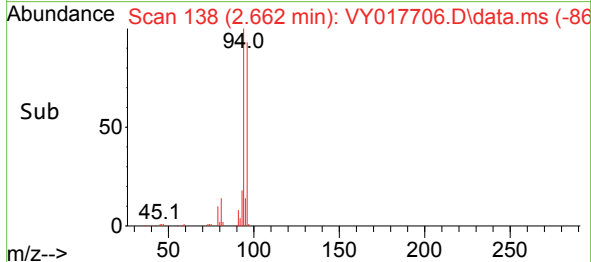
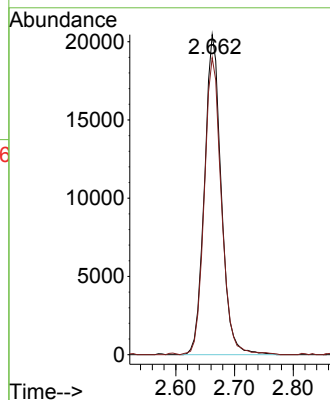
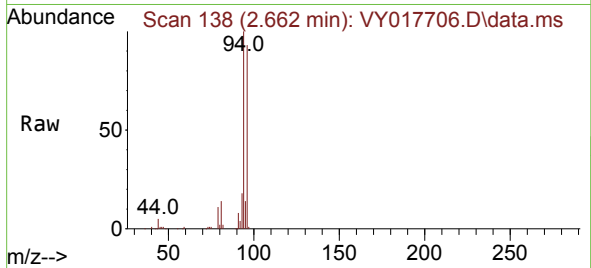




#5
Bromomethane
Concen: 18.441 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

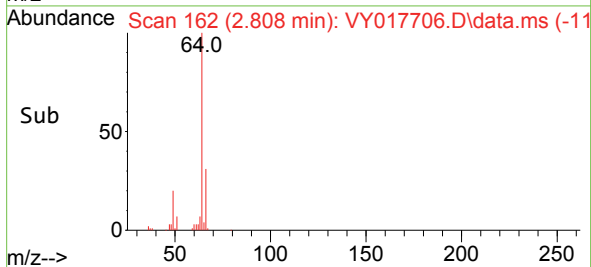
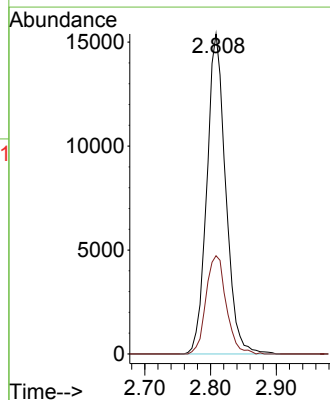
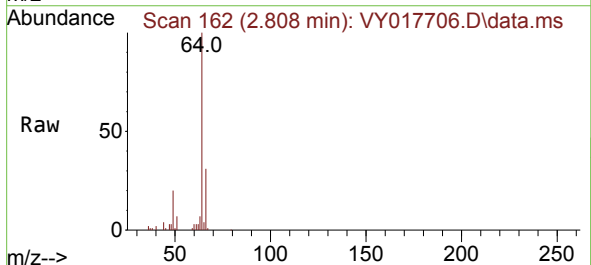
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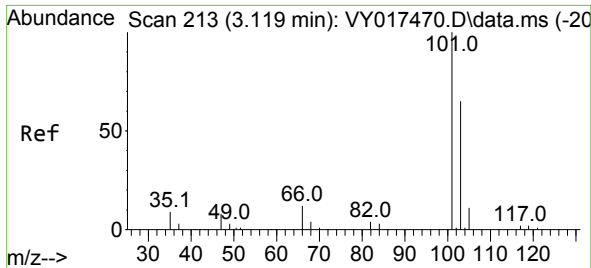
Tgt Ion: 94 Resp: 40591
Ion Ratio Lower Upper
94 100
96 92.8 74.1 111.1



#6
Chloroethane
Concen: 18.033 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 64 Resp: 30726
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

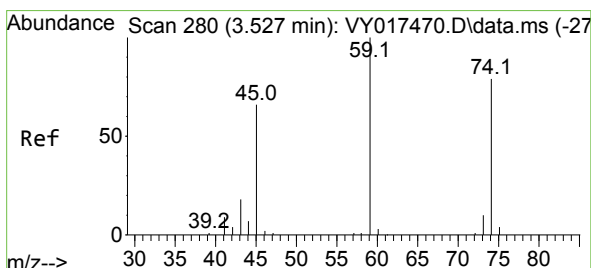
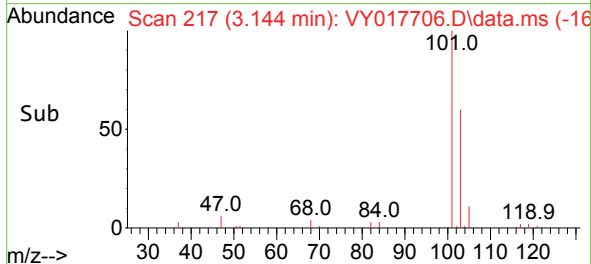
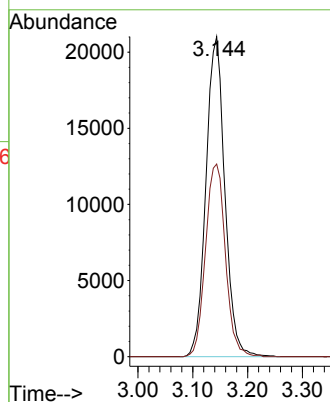
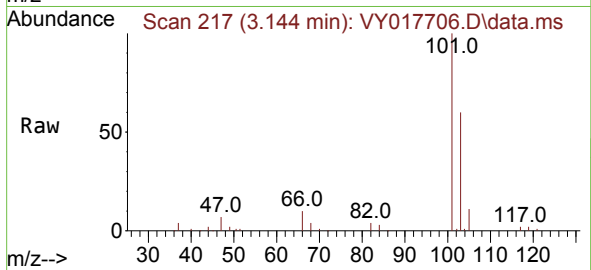




#7
Trichlorofluoromethane
Concen: 18.216 ug/l
RT: 3.144 min Scan# 213
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

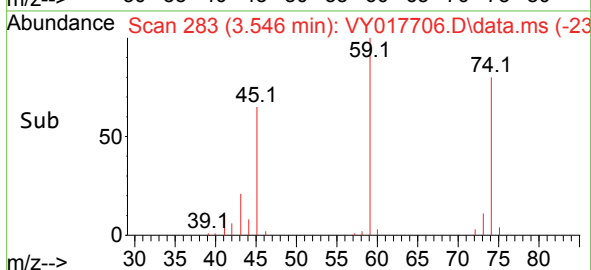
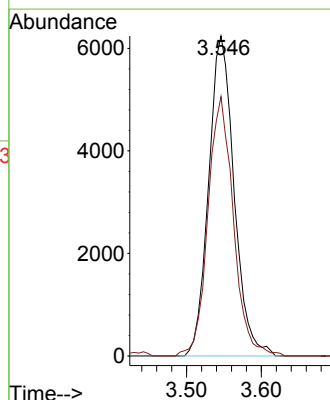
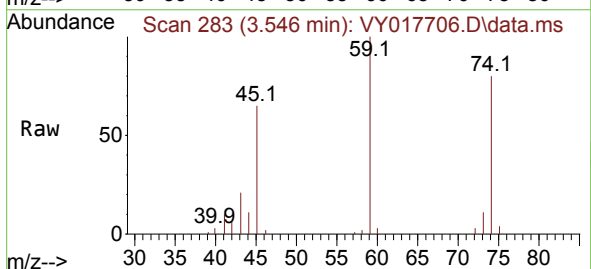
Instrument :
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VY0319SBS01

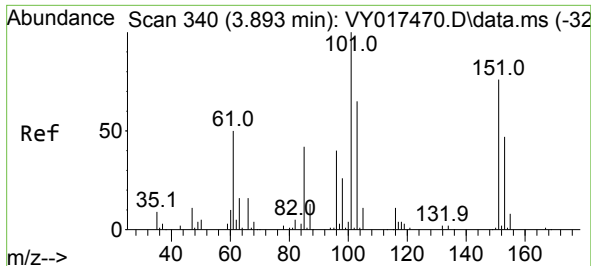
Tgt Ion:101 Resp: 50146
Ion Ratio Lower Upper
101 100
103 60.2 49.3 73.9



#8
Diethyl Ether
Concen: 18.257 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 74 Resp: 14741
Ion Ratio Lower Upper
74 100
45 81.1 41.3 124.1

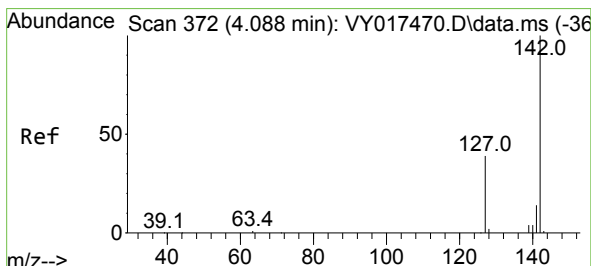
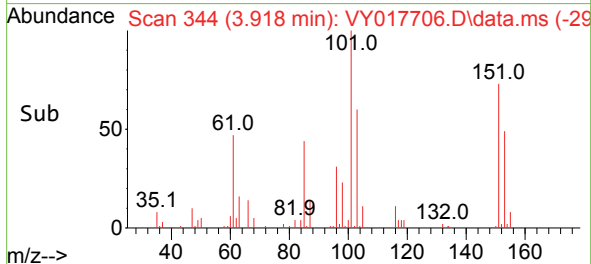
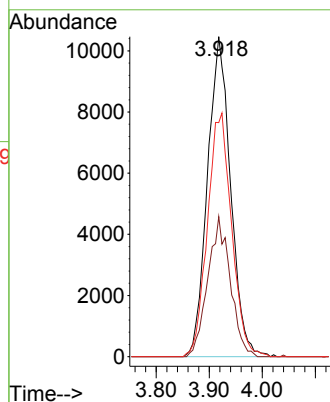
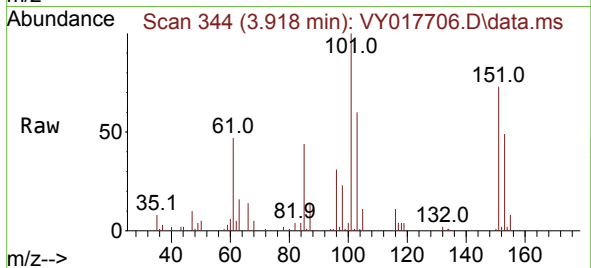




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.011 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

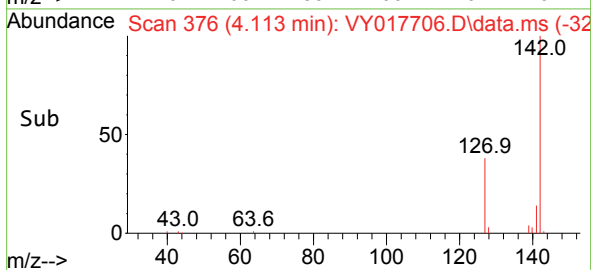
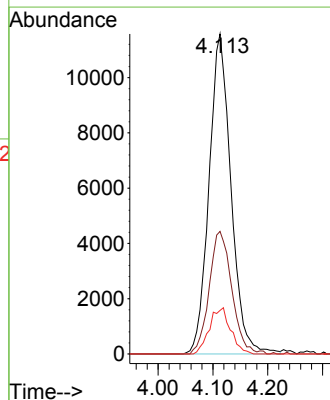
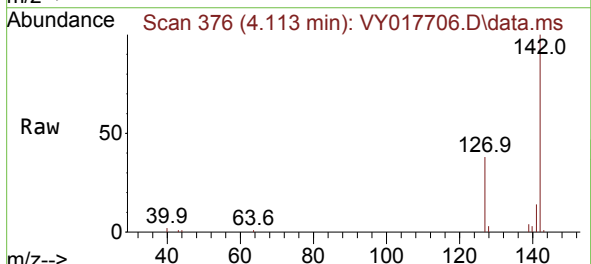
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

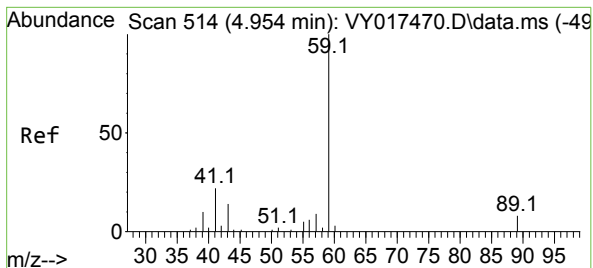
Tgt Ion:101 Resp: 31686
Ion Ratio Lower Upper
101 100
85 42.6 34.5 51.7
151 79.6 61.7 92.5



#10
Methyl Iodide
Concen: 18.114 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion:142 Resp: 32189
Ion Ratio Lower Upper
142 100
127 39.4 32.8 49.2
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 59.783 ug/l

RT: 4.979 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

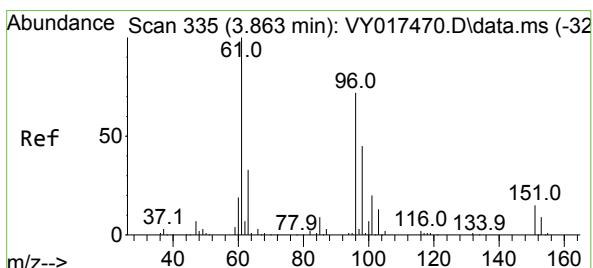
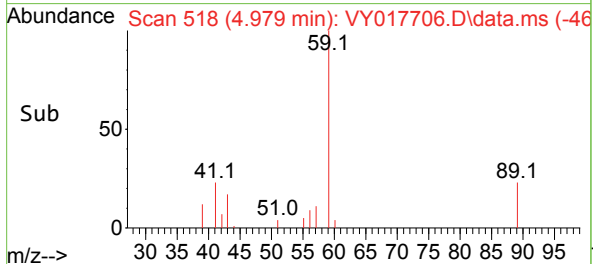
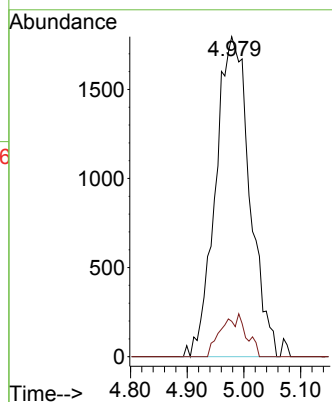
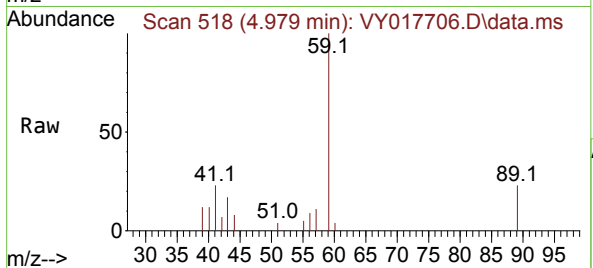
VY0319SBS01

Tgt Ion: 59 Resp: 7518

Ion Ratio Lower Upper

59 100

57 5.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.727 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.031 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

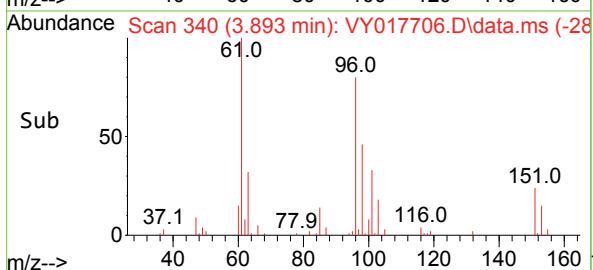
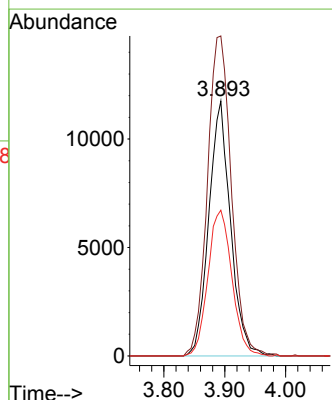
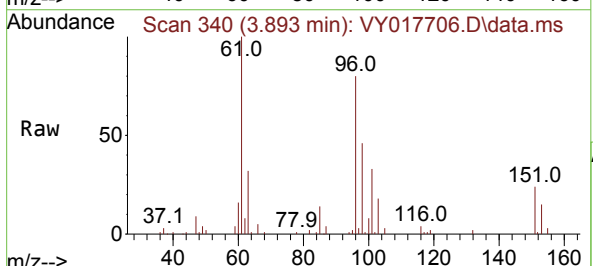
Tgt Ion: 96 Resp: 29110

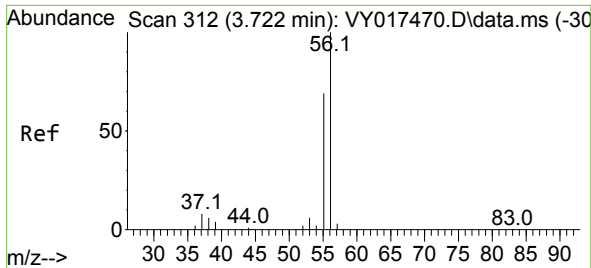
Ion Ratio Lower Upper

96 100

61 125.6 114.6 171.8

98 57.2 50.8 76.2

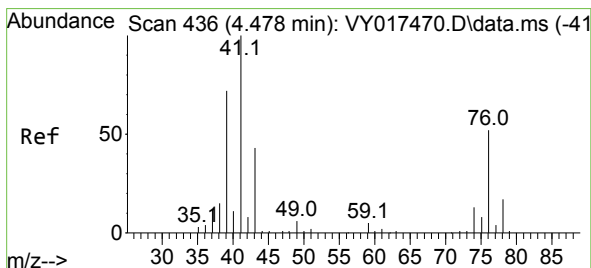
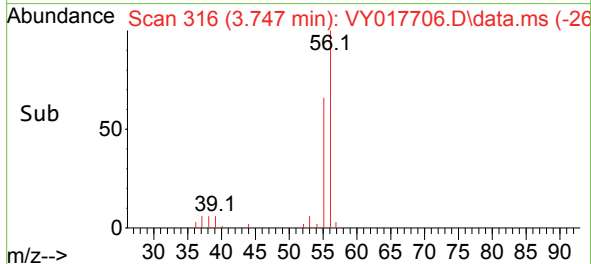
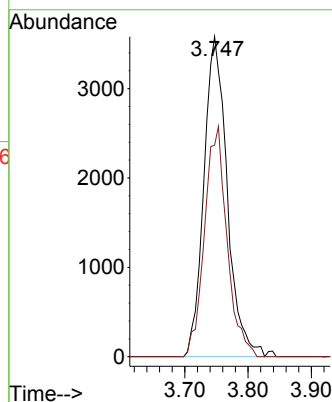
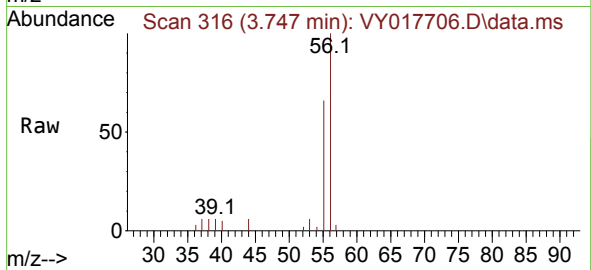




#13
Acrolein
Concen: 55.608 ug/l
RT: 3.747 min Scan# 312
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

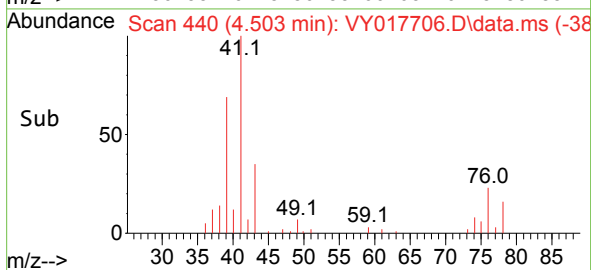
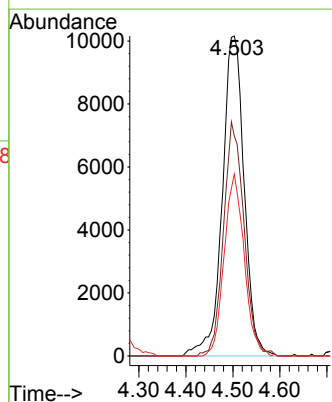
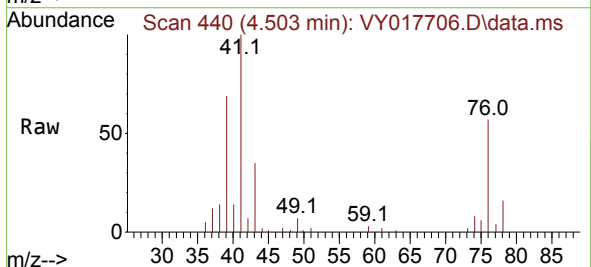
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

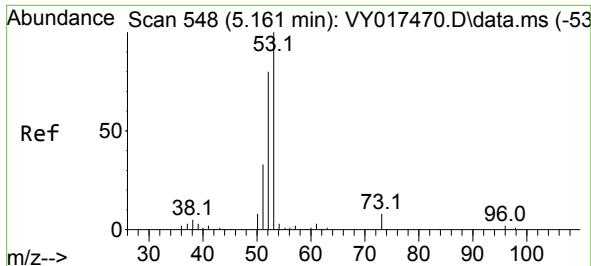
Tgt Ion: 56 Resp: 9227
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5



#14
Allyl chloride
Concen: 18.431 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 41 Resp: 32863
Ion Ratio Lower Upper
41 100
39 68.7 58.3 87.5
76 52.0 39.0 58.6





#15

Acrylonitrile

Concen: 83.758 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

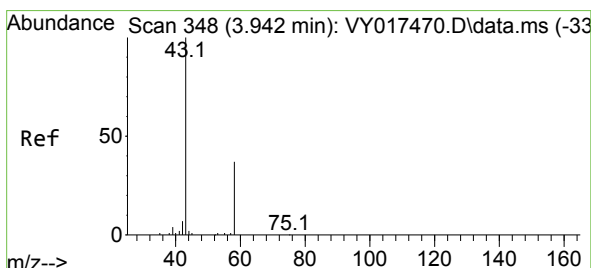
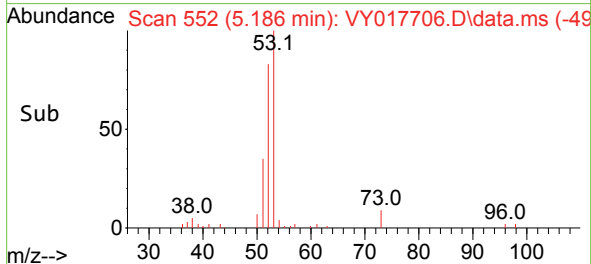
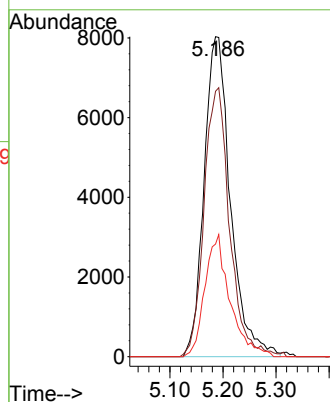
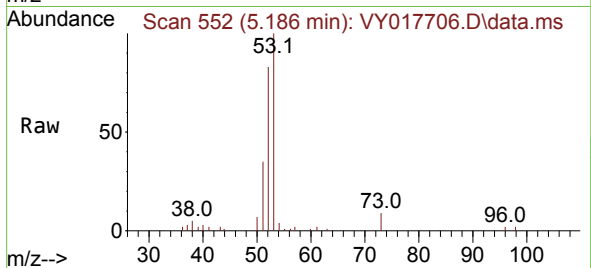
Tgt Ion: 53 Resp: 27800

Ion Ratio Lower Upper

53 100

52 81.5 64.7 97.1

51 36.2 28.4 42.6



#16

Acetone

Concen: 88.341 ug/l

RT: 3.967 min Scan# 352

Delta R.T. 0.025 min

Lab File: VY017706.D

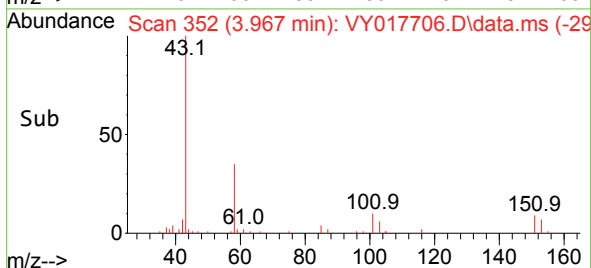
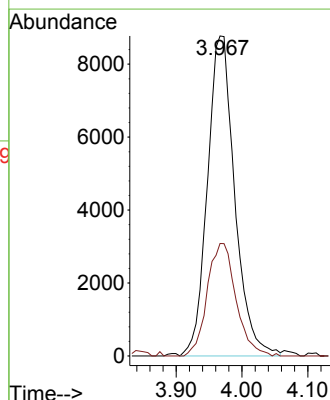
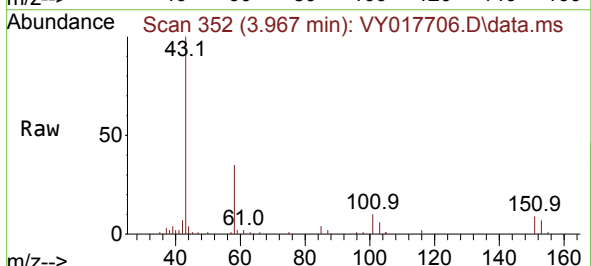
Acq: 19 Mar 2024 12:35

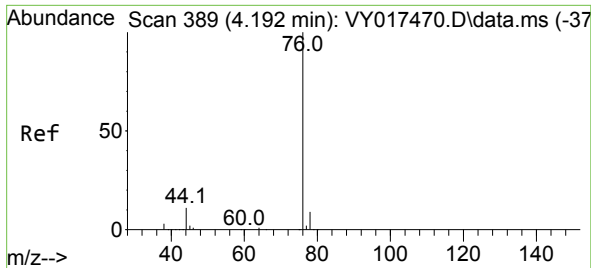
Tgt Ion: 43 Resp: 25367

Ion Ratio Lower Upper

43 100

58 35.1 31.7 47.5

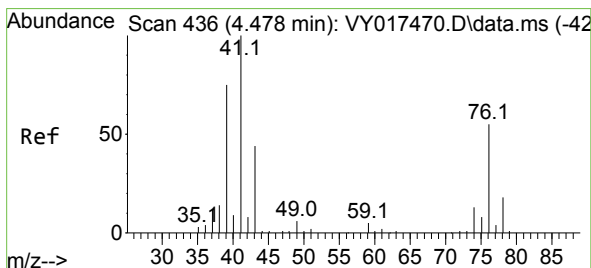
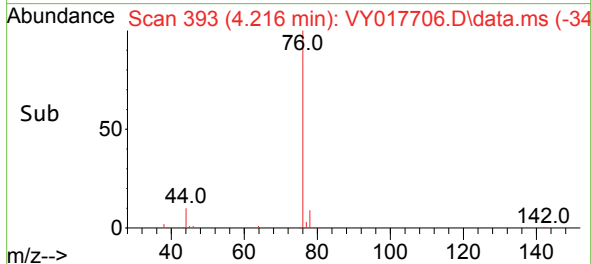
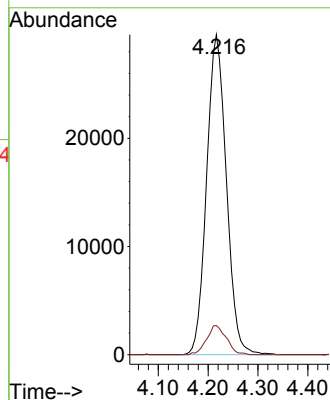
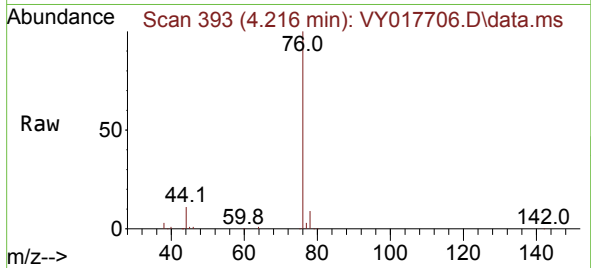




#17
Carbon Disulfide
Concen: 18.379 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

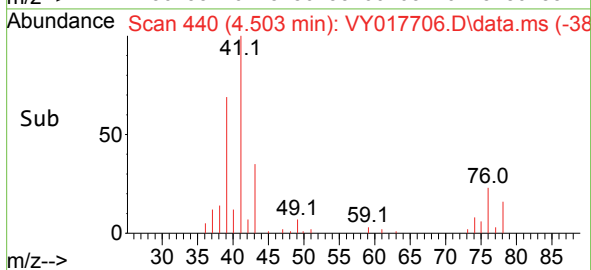
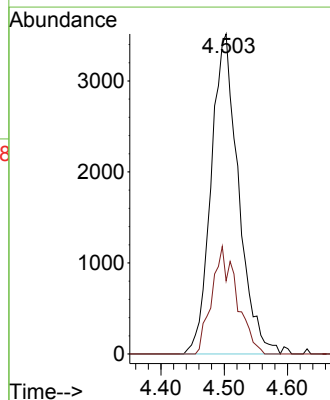
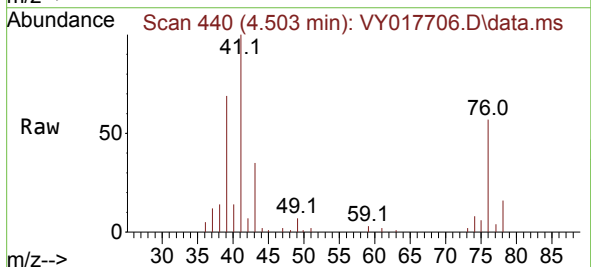
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

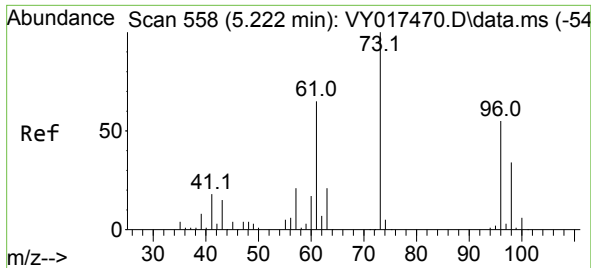
Tgt Ion: 76 Resp: 81407
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 15.125 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 43 Resp: 10537
Ion Ratio Lower Upper
43 100
74 30.9 23.3 34.9

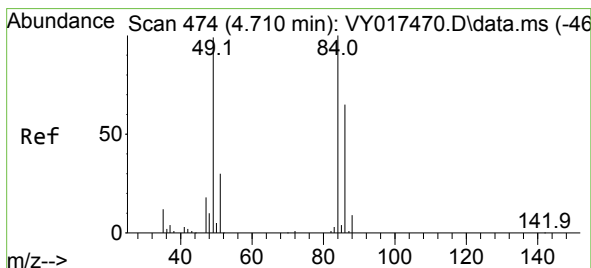
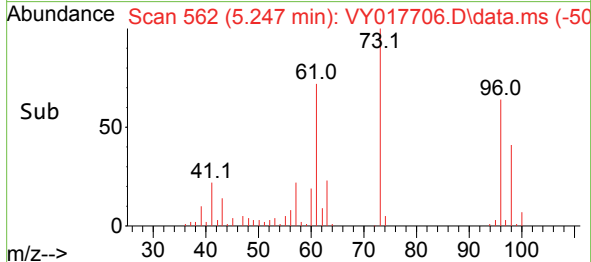
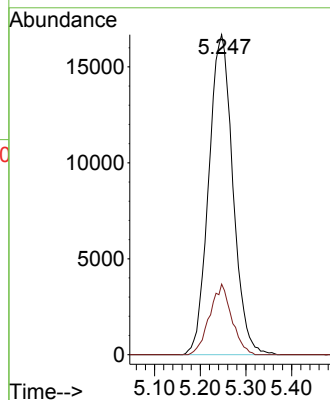
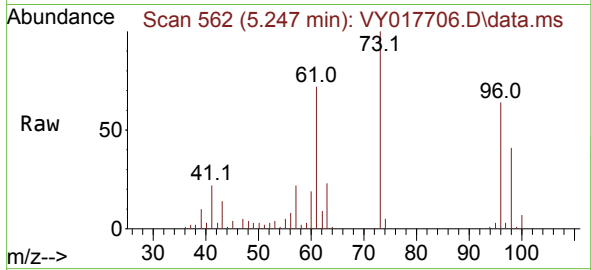




#19
Methyl tert-butyl Ether
Concen: 17.836 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

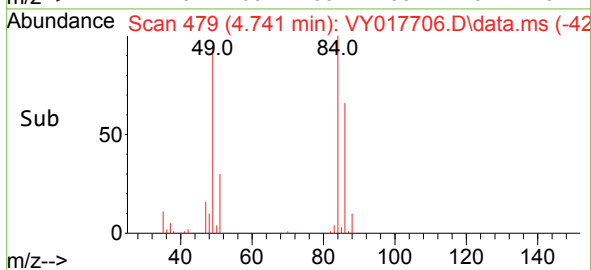
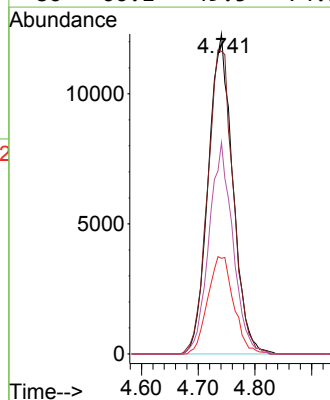
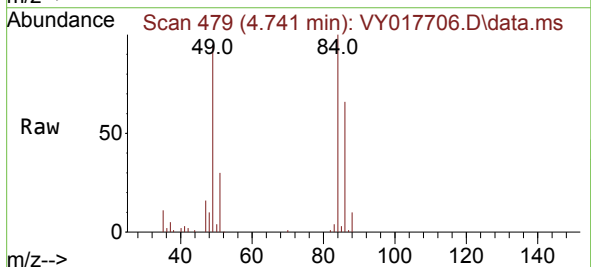
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

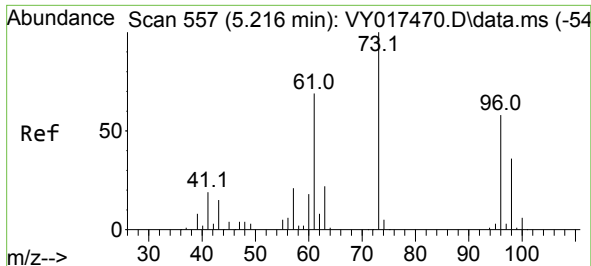
Tgt Ion: 73 Resp: 61345
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 18.420 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.031 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 84 Resp: 36912
Ion Ratio Lower Upper
84 100
49 94.6 84.4 126.6
51 29.9 26.0 39.0
86 66.1 49.5 74.3

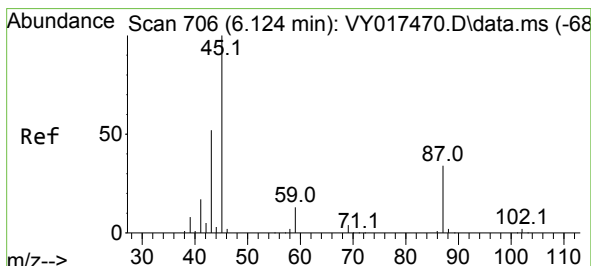
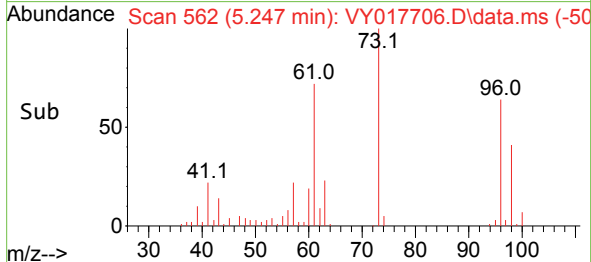
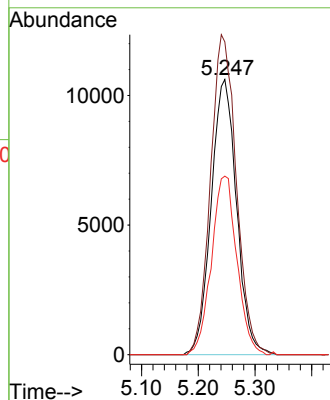
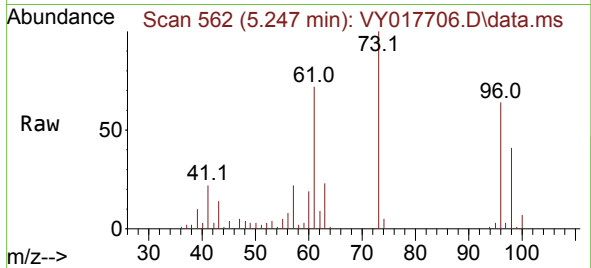




#21
trans-1,2-Dichloroethene
Concen: 19.112 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.031 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

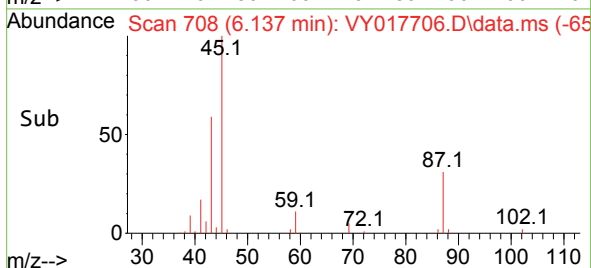
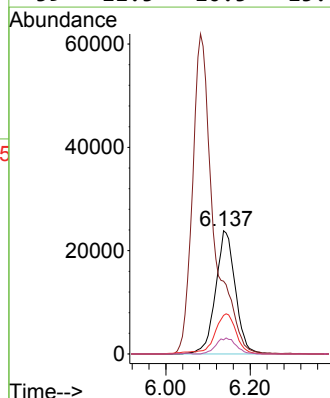
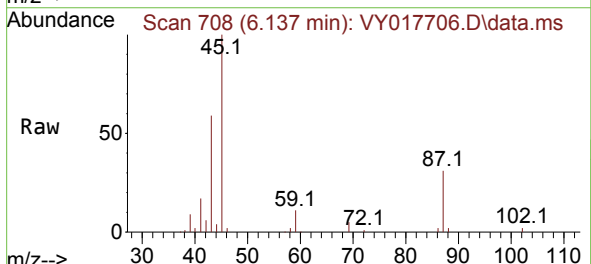
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

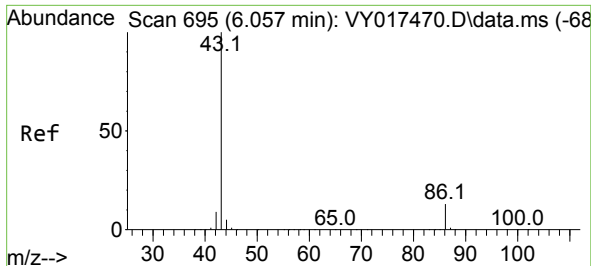
Tgt Ion: 96 Resp: 33022
Ion Ratio Lower Upper
96 100
61 113.6 97.5 146.3
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 18.767 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 45 Resp: 77215
Ion Ratio Lower Upper
45 100
43 58.6 42.2 63.2
87 31.3 25.0 37.6
59 11.5 10.5 15.7

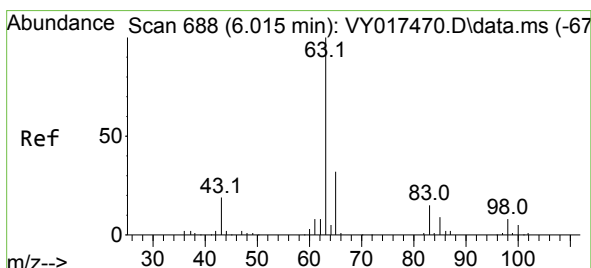
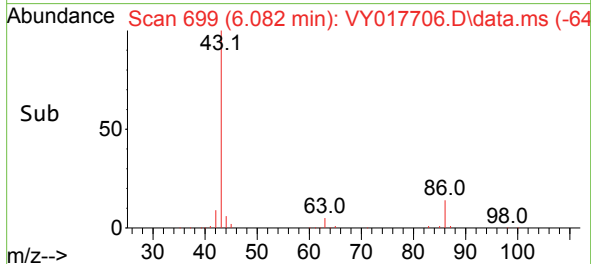
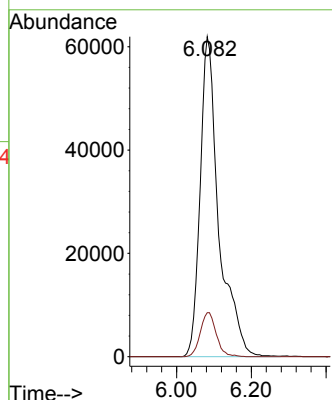
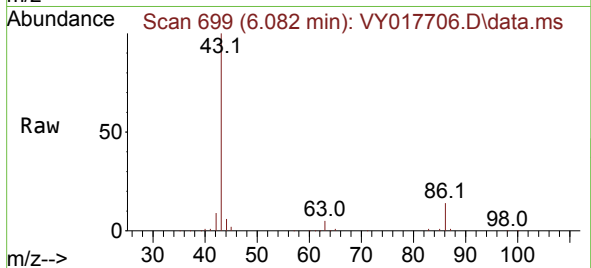




#23
 Vinyl Acetate
 Concen: 87.588 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.025 min
 Lab File: VY017706.D
 Acq: 19 Mar 2024 12:35

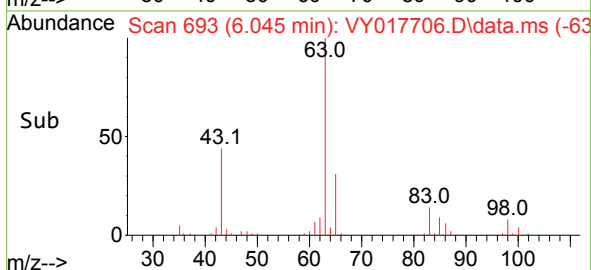
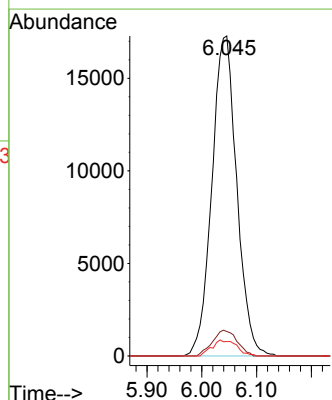
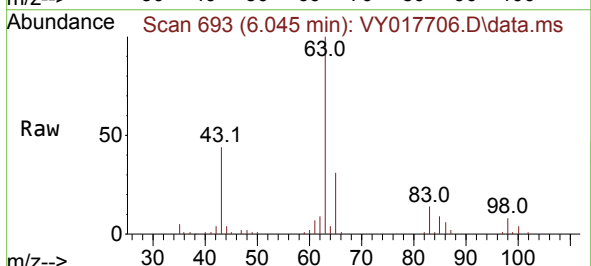
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0319SBS01

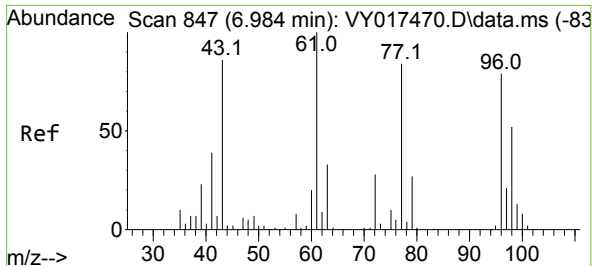
Tgt Ion: 43 Resp: 214748
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.373 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.031 min
 Lab File: VY017706.D
 Acq: 19 Mar 2024 12:35

Tgt Ion: 63 Resp: 54458
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 86.024 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

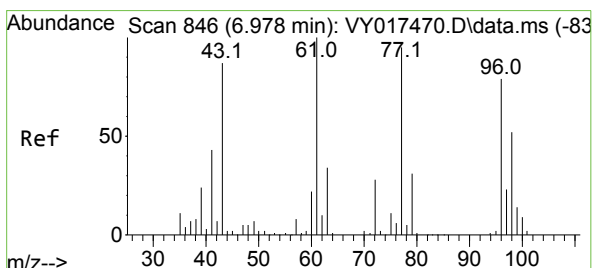
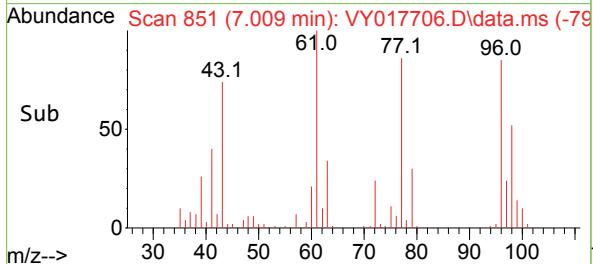
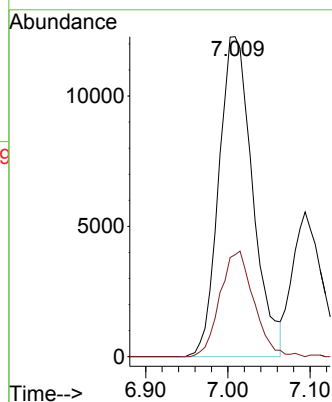
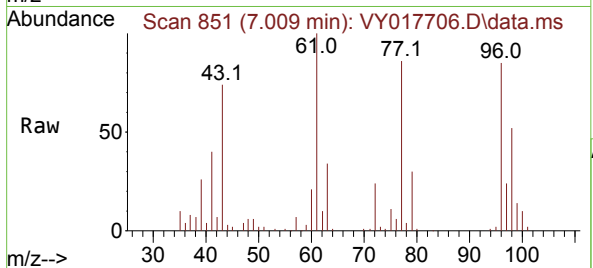
VY0319SBS01

Tgt Ion: 43 Resp: 35203

Ion Ratio Lower Upper

43 100

72 31.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.103 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.025 min

Lab File: VY017706.D

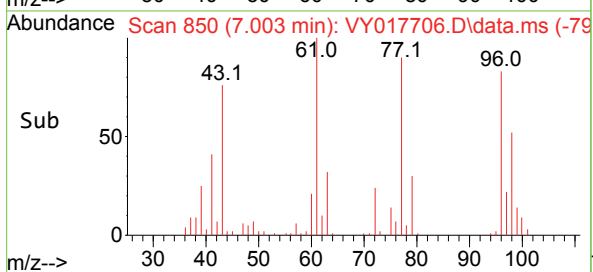
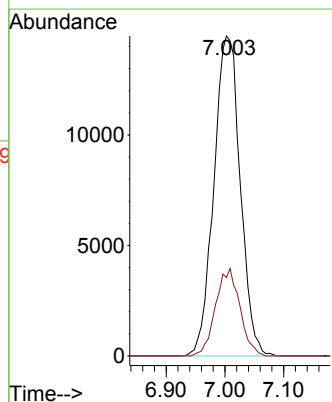
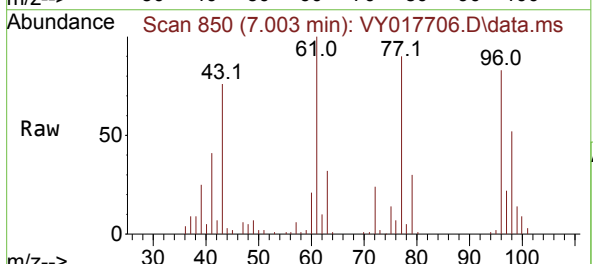
Acq: 19 Mar 2024 12:35

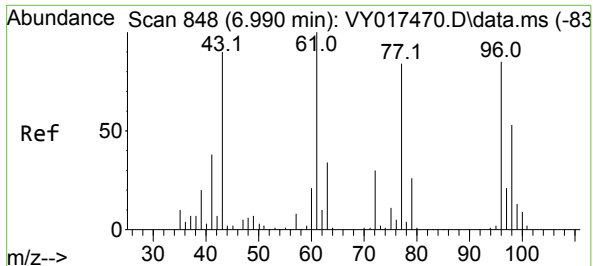
Tgt Ion: 77 Resp: 45148

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.249 ug/l

RT: 7.009 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

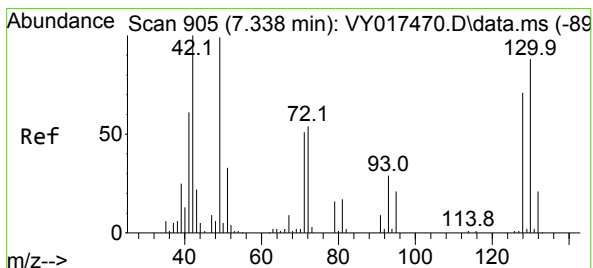
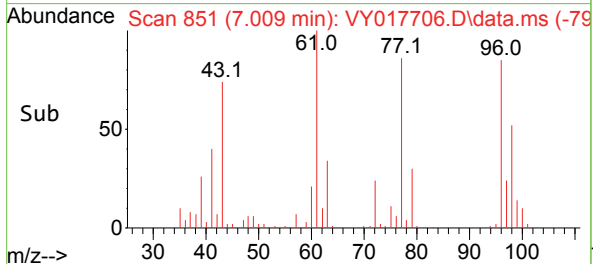
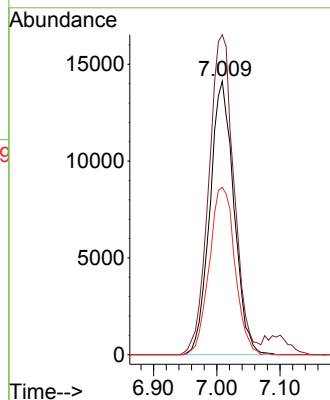
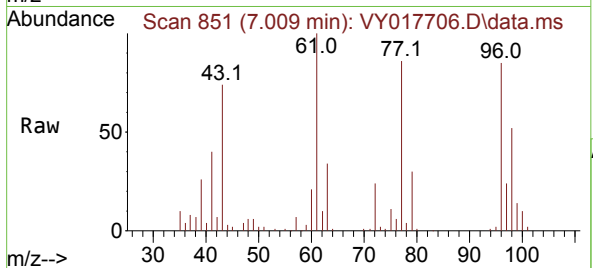
Tgt Ion: 96 Resp: 37342

Ion Ratio Lower Upper

96 100

61 123.1 0.0 256.2

98 65.0 0.0 130.0



#28

Bromochloromethane

Concen: 17.655 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.019 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

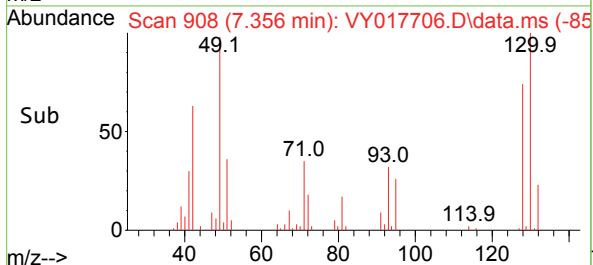
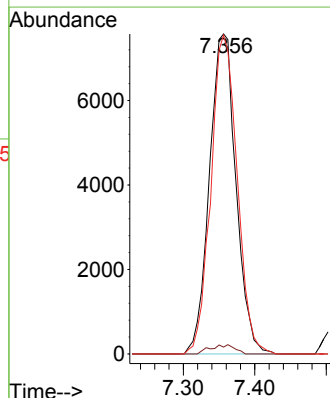
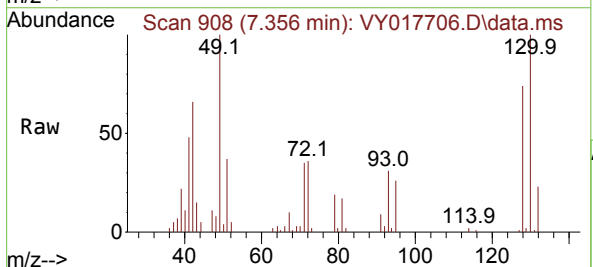
Tgt Ion: 49 Resp: 19545

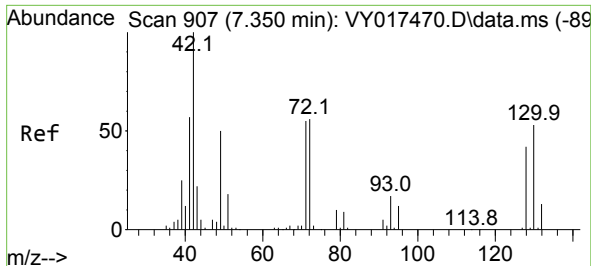
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 77.480 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.019 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

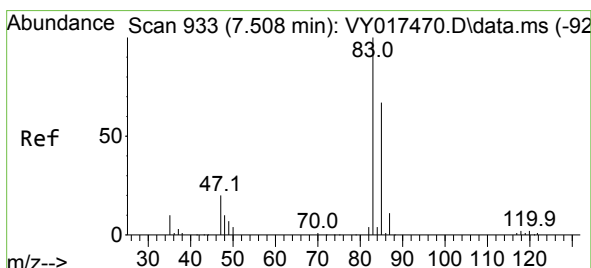
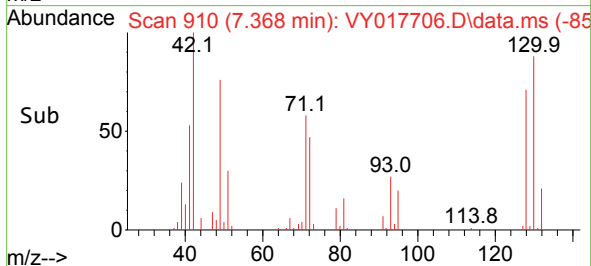
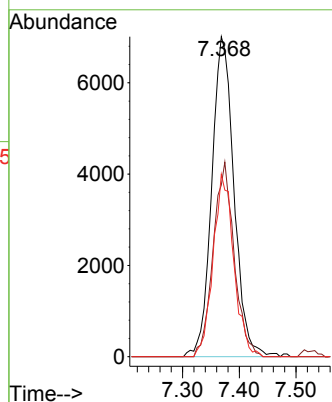
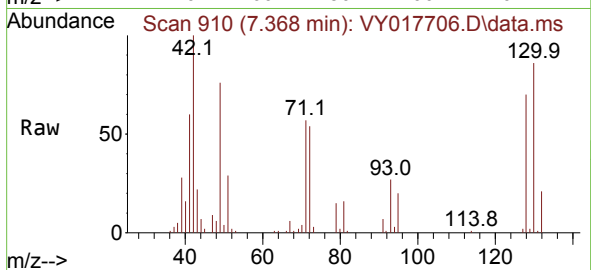
Tgt Ion: 42 Resp: 19113

Ion Ratio Lower Upper

42 100

72 57.3 43.0 64.4

71 53.0 40.8 61.2



#30

Chloroform

Concen: 19.670 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.019 min

Lab File: VY017706.D

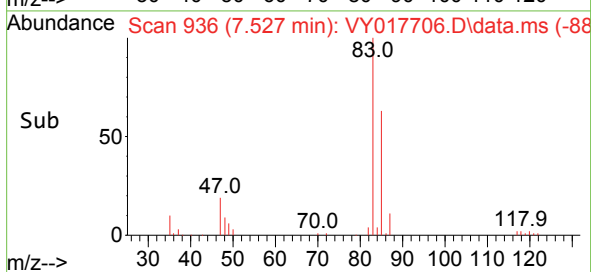
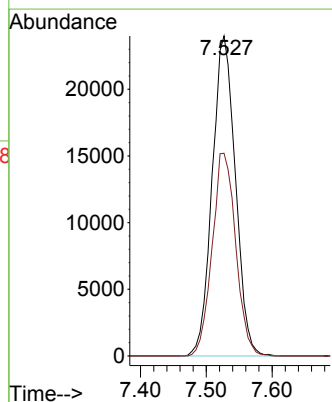
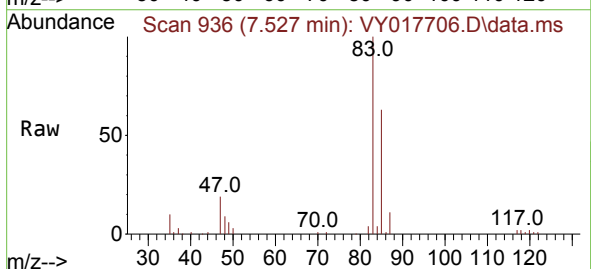
Acq: 19 Mar 2024 12:35

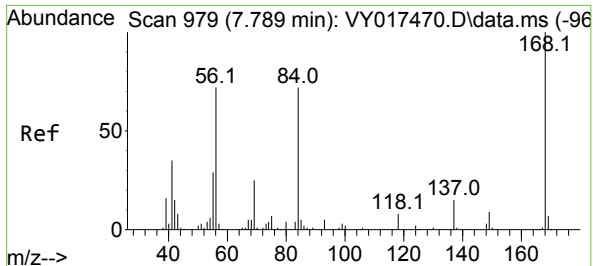
Tgt Ion: 83 Resp: 58866

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

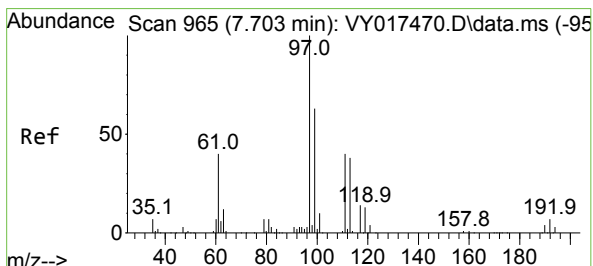
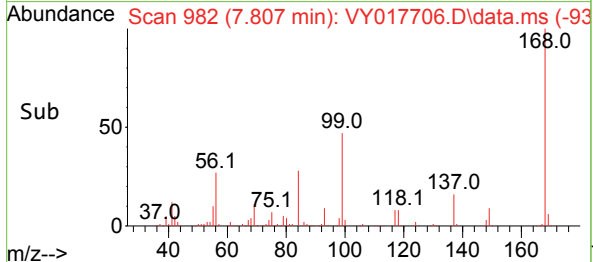
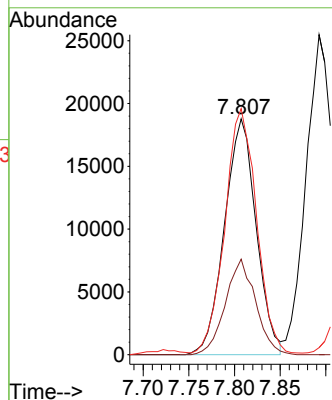
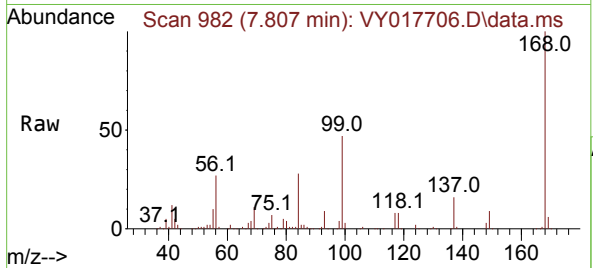




#31
Cyclohexane
Concen: 18.806 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

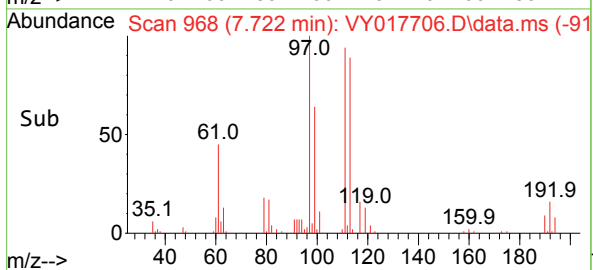
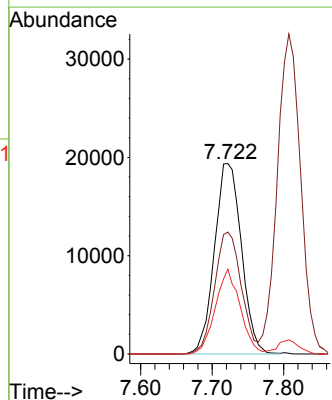
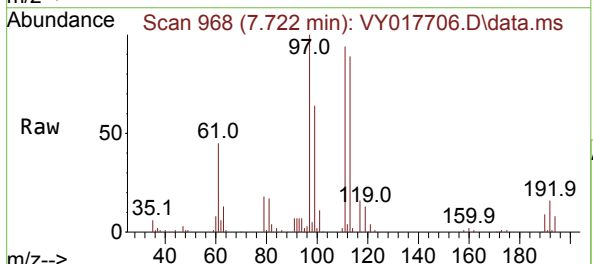
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

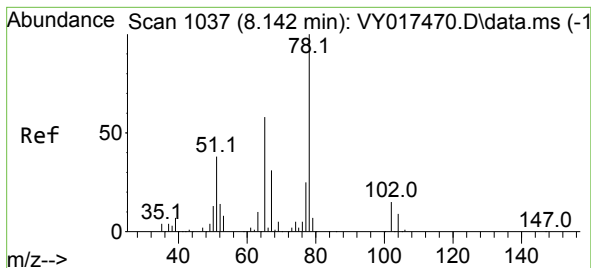
Tgt Ion: 56 Resp: 45309
Ion Ratio Lower Upper
56 100
69 40.5 28.7 43.1
84 103.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.561 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 97 Resp: 50824
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 37.987 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

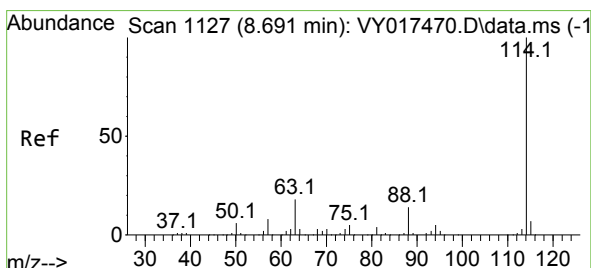
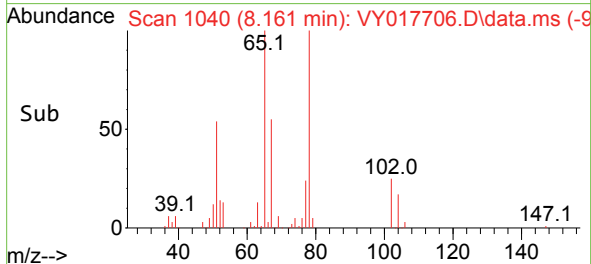
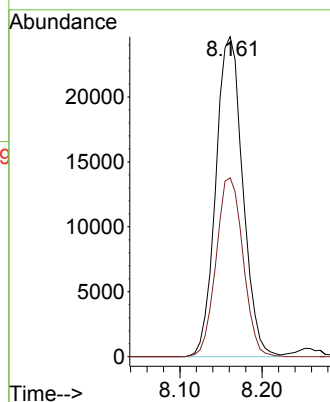
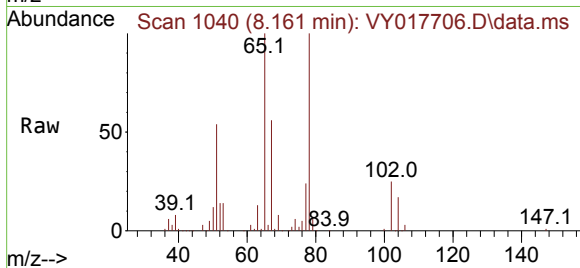
VY0319SBS01

Tgt Ion: 65 Resp: 56238

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

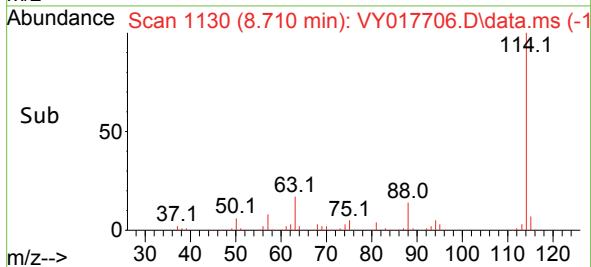
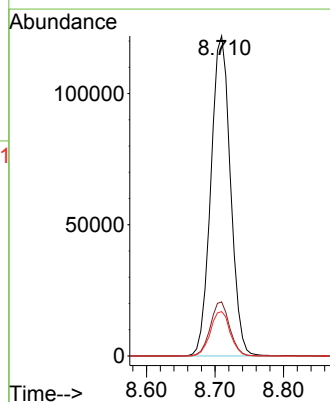
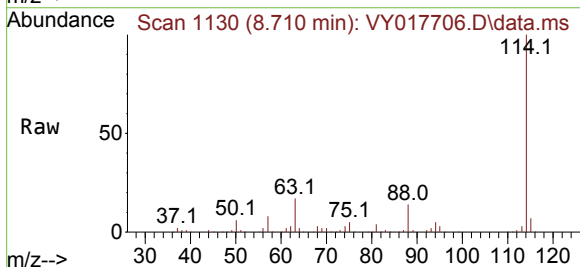
Tgt Ion: 114 Resp: 242544

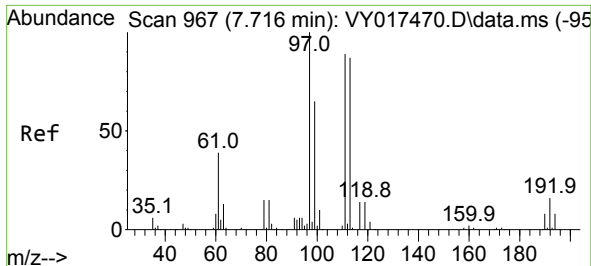
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2

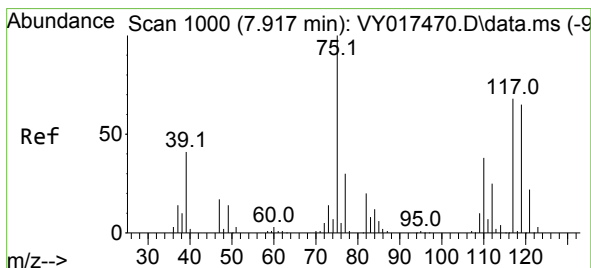
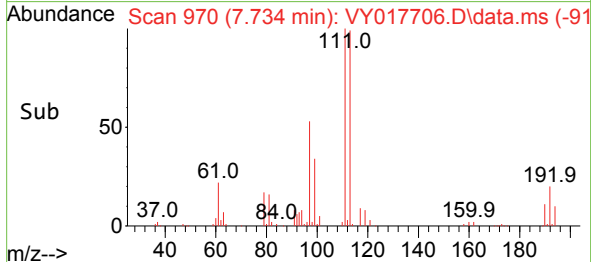
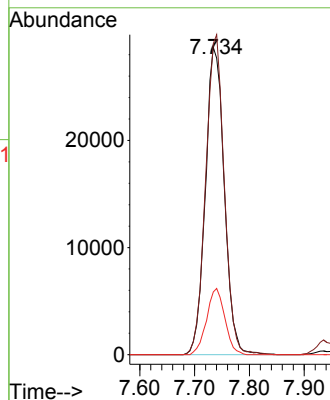
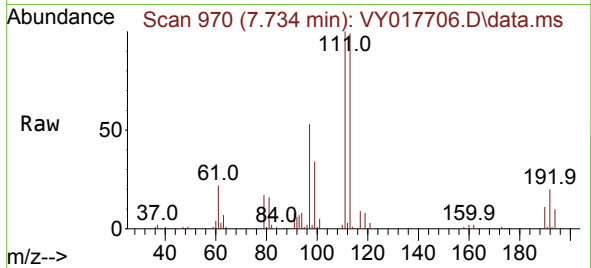




#35
Dibromofluoromethane
Concen: 40.654 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

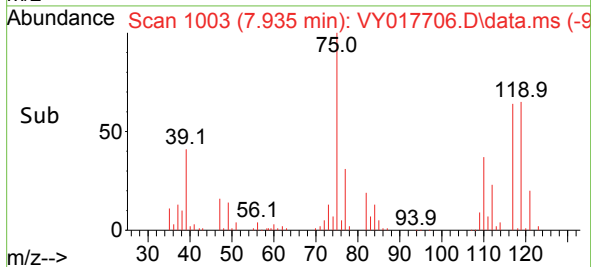
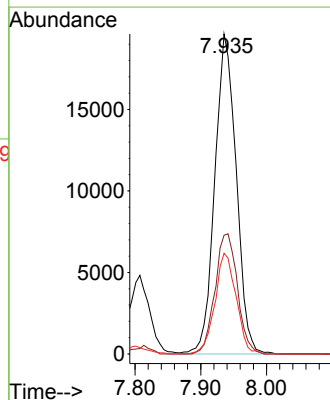
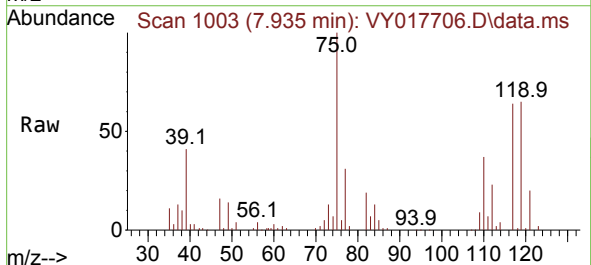
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

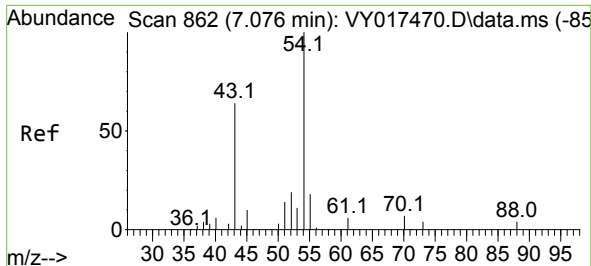
Tgt Ion:113 Resp: 68711
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.520 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.019 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 75 Resp: 44512
Ion Ratio Lower Upper
75 100
110 39.3 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 16.212 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.019 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

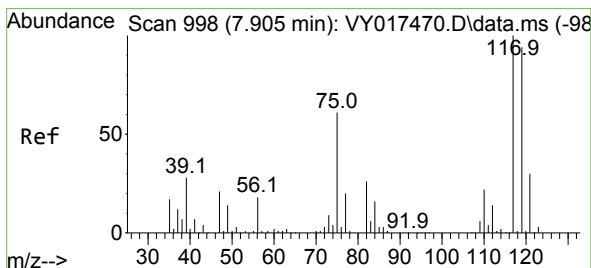
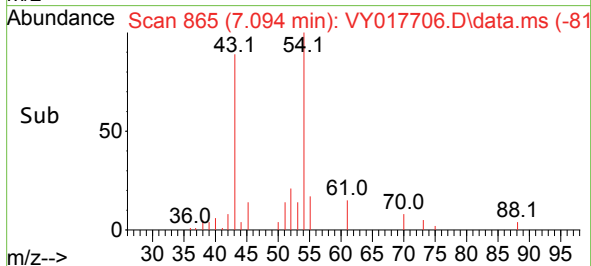
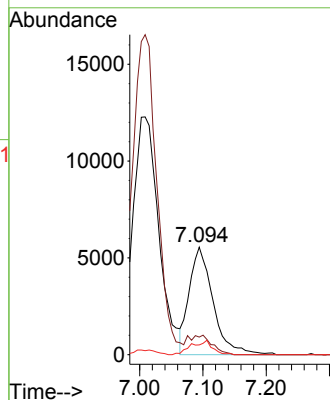
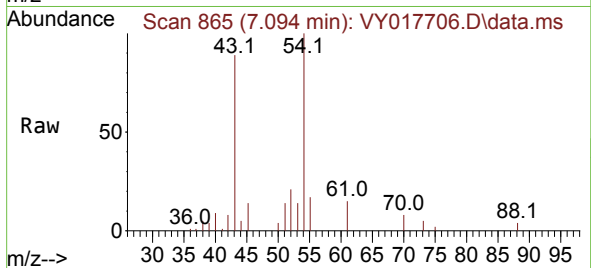
Tgt Ion: 43 Resp: 14601

Ion Ratio Lower Upper

43 100

61 17.7 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.351 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.019 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

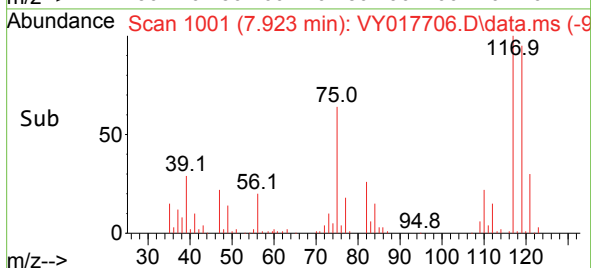
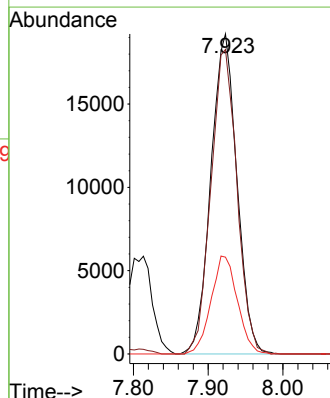
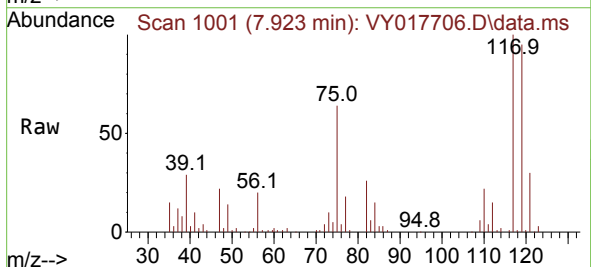
Tgt Ion: 117 Resp: 46511

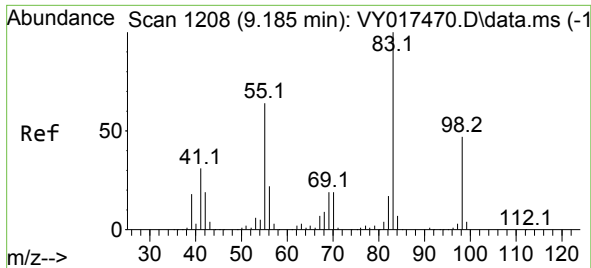
Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.6

121 30.3 24.0 36.0

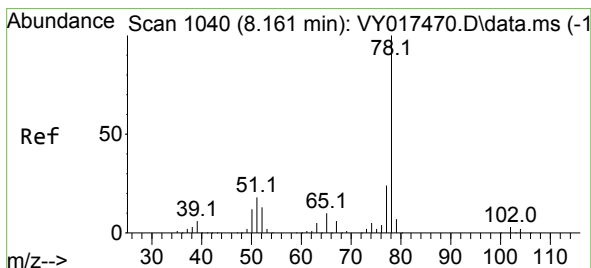
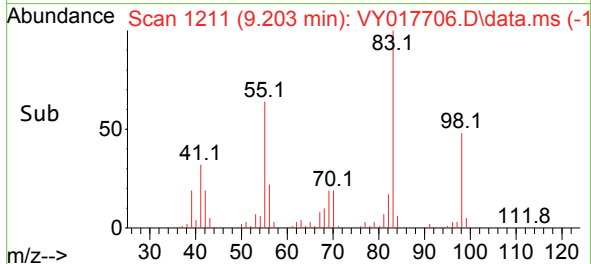
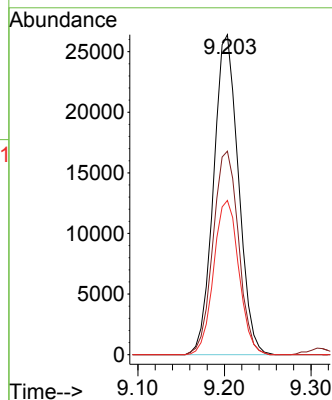
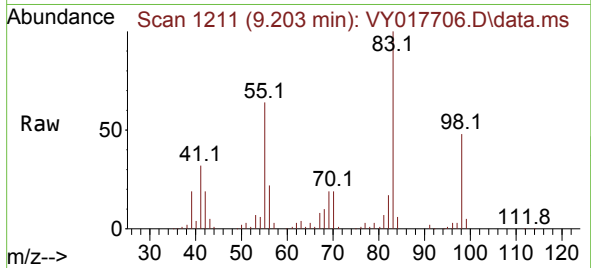




#39
Methylcyclohexane
Concen: 19.198 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

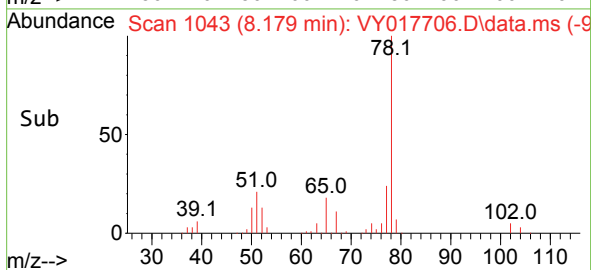
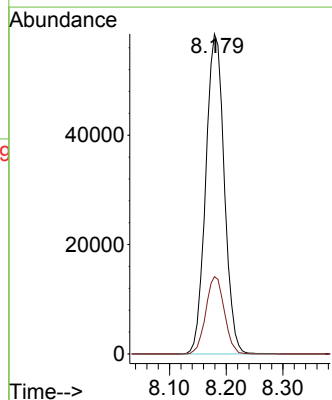
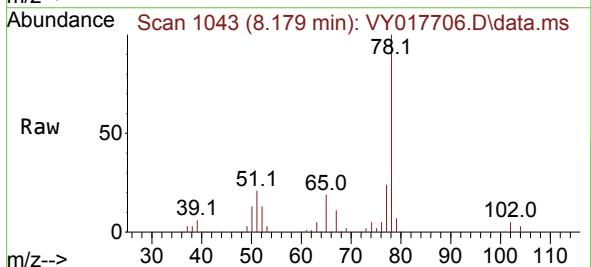
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

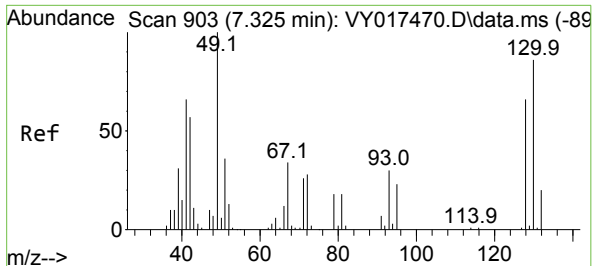
Tgt Ion: 83 Resp: 52611
Ion Ratio Lower Upper
83 100
55 63.6 51.5 77.3
98 48.2 40.5 60.7



#40
Benzene
Concen: 19.583 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

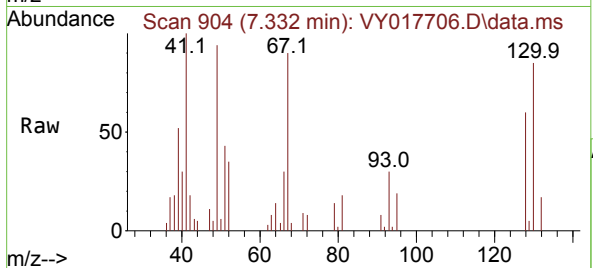
Tgt Ion: 78 Resp: 132614
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3



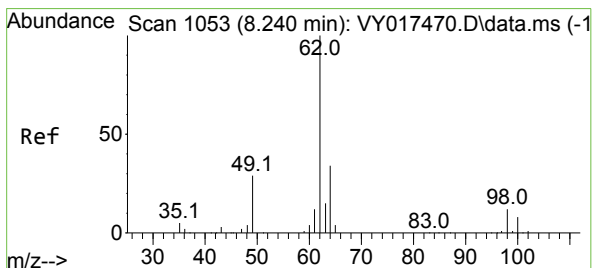
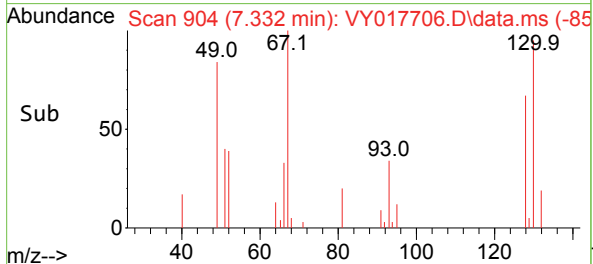
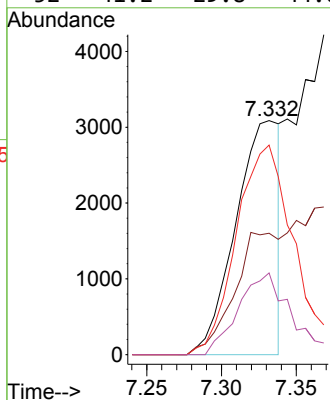


#41
Methacrylonitrile
Concen: 14.043 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

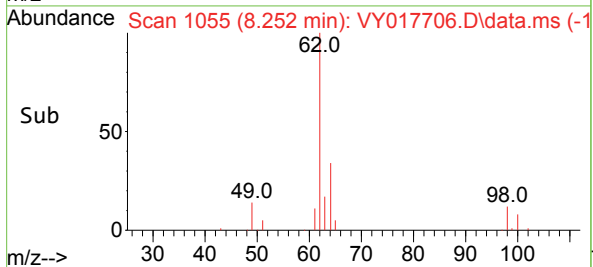
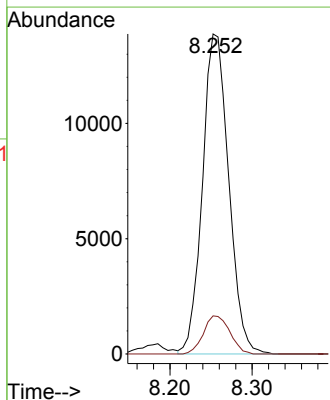
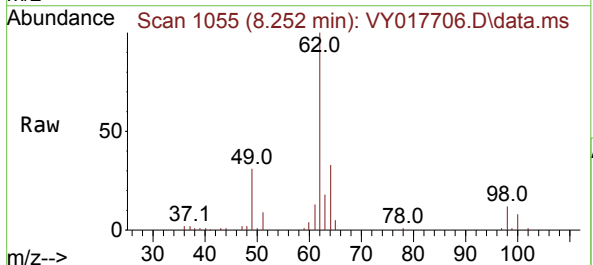


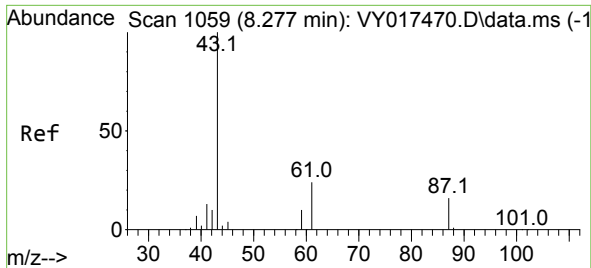
Tgt Ion: 41 Resp: 6347
Ion Ratio Lower Upper
41 100
39 52.7 48.0 72.0
67 116.0 75.1 112.7#
52 41.2 29.8 44.6



#42
1,2-Dichloroethane
Concen: 18.642 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 62 Resp: 30801
Ion Ratio Lower Upper
62 100
98 12.0 0.0 22.0

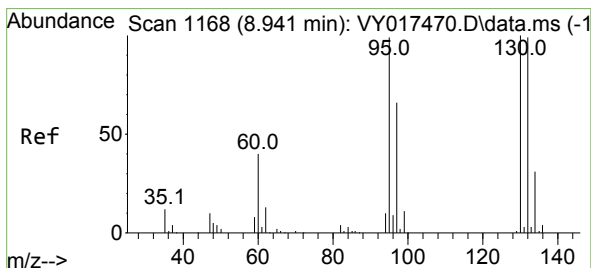
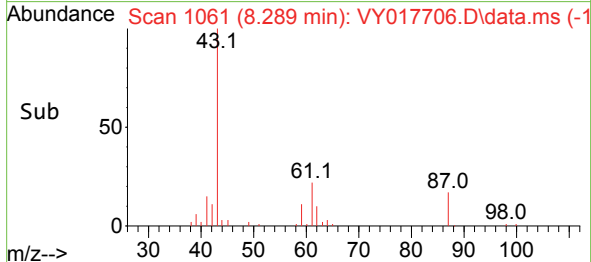
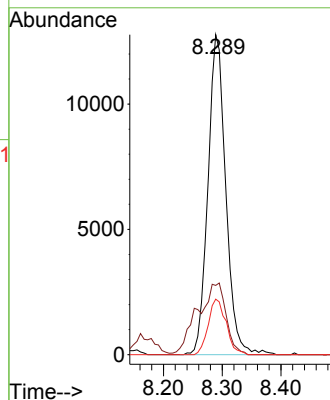
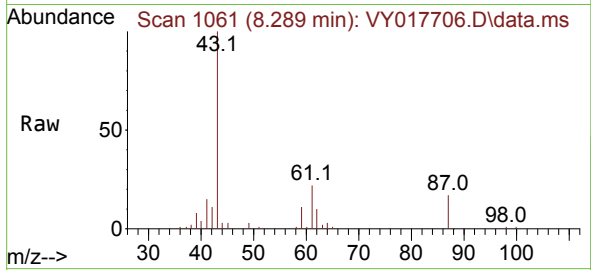




#43
Isopropyl Acetate
Concen: 17.040 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

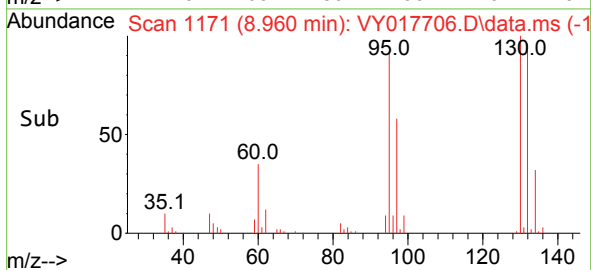
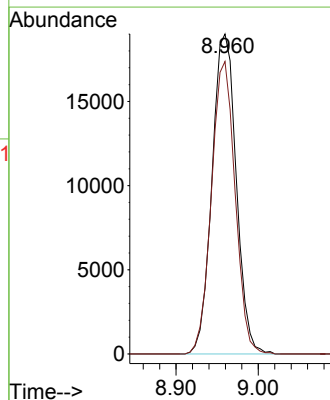
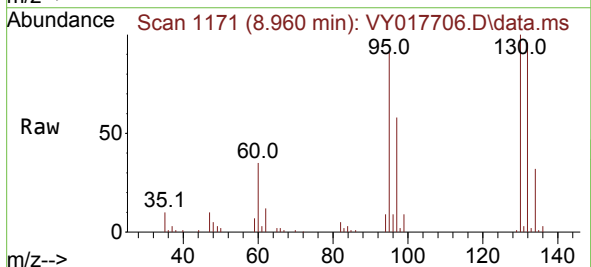
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

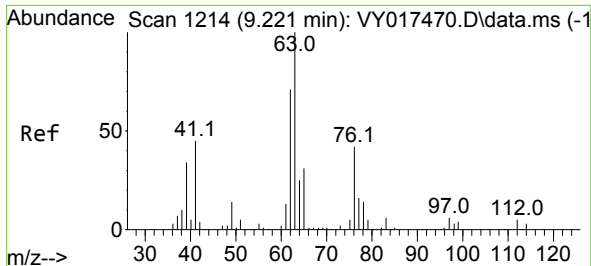
Tgt Ion: 43 Resp: 26969
Ion Ratio Lower Upper
43 100
61 35.7 27.9 41.9
87 17.4 13.1 19.7



#44
Trichloroethene
Concen: 19.932 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion:130 Resp: 38906
Ion Ratio Lower Upper
130 100
95 91.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.130 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

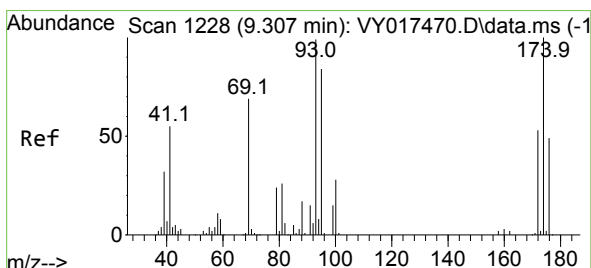
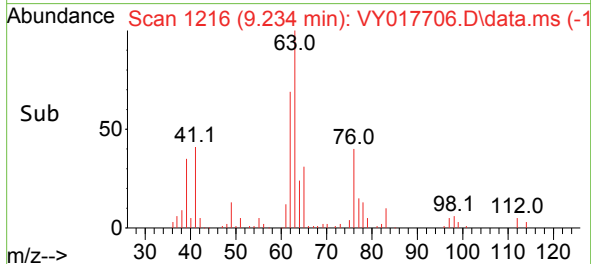
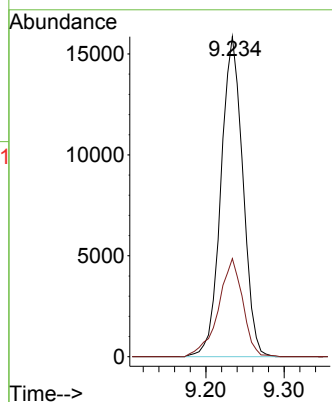
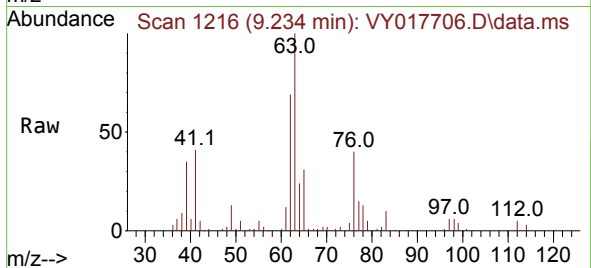
VY0319SBS01

Tgt Ion: 63 Resp: 30821

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 18.598 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.018 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

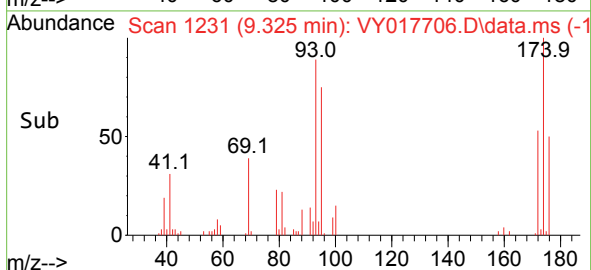
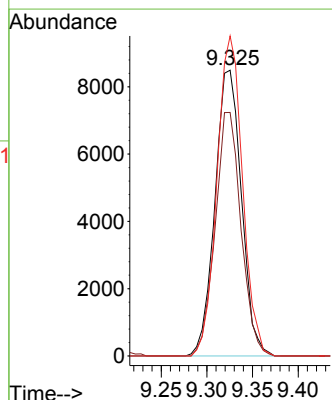
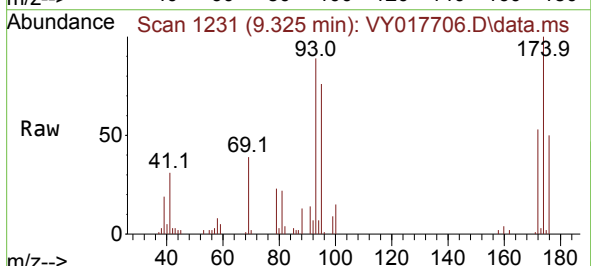
Tgt Ion: 93 Resp: 17149

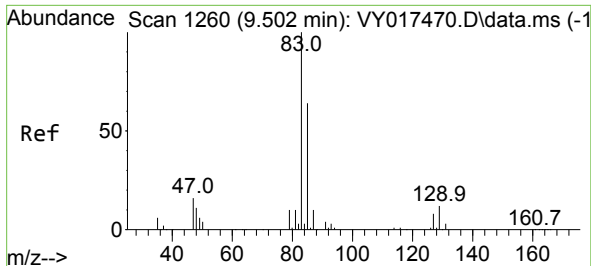
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 107.8 80.9 121.3

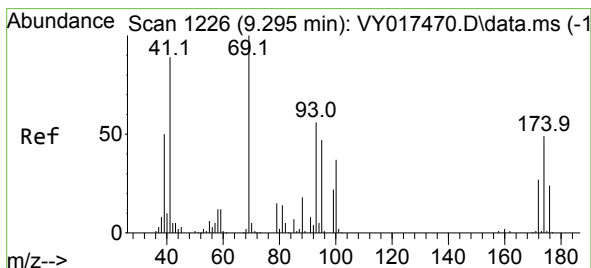
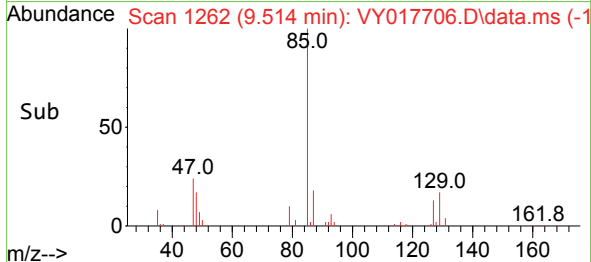
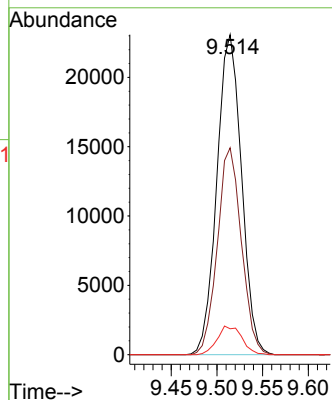
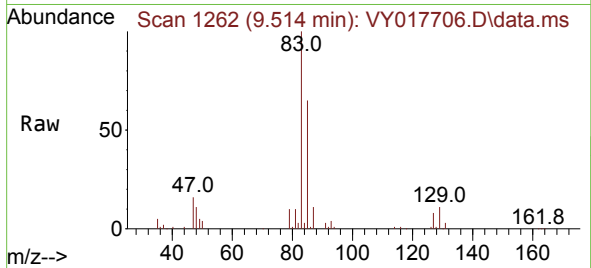




#47
Bromodichloromethane
Concen: 19.355 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

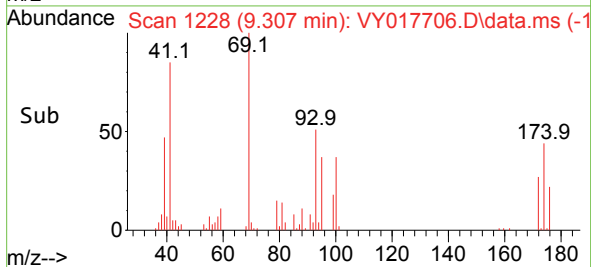
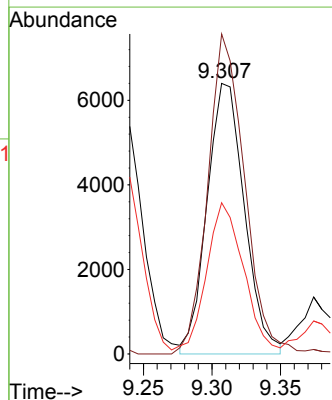
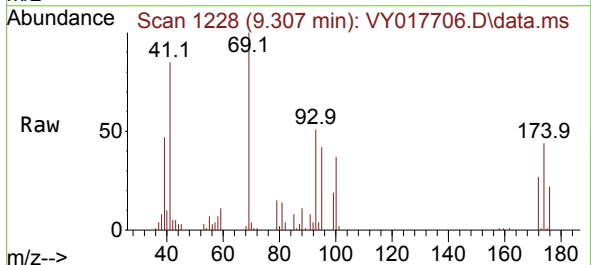
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

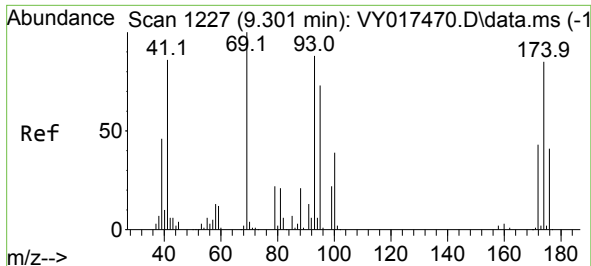
Tgt Ion: 83 Resp: 43334
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 16.551 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 41 Resp: 12125
Ion Ratio Lower Upper
41 100
69 117.0 84.1 126.1
39 52.8 43.6 65.4





#49

1,4-Dioxane

Concen: 321.794 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

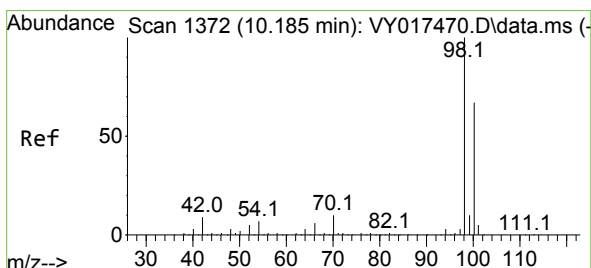
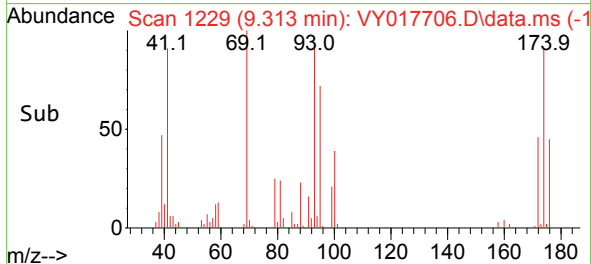
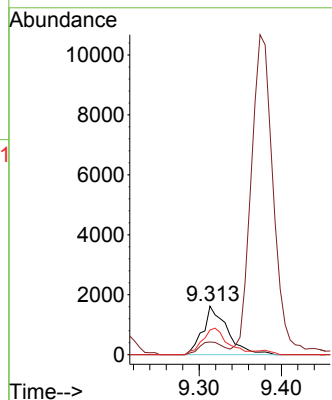
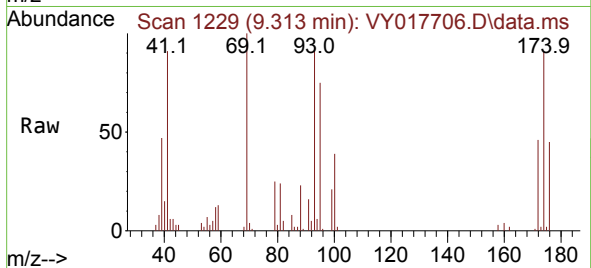
Tgt Ion: 88 Resp: 3358

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0#

58 56.2 49.3 73.9



#50

Toluene-d8

Concen: 43.417 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017706.D

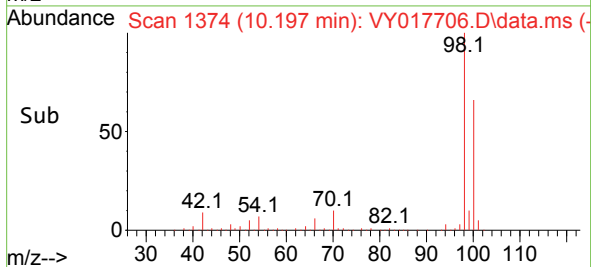
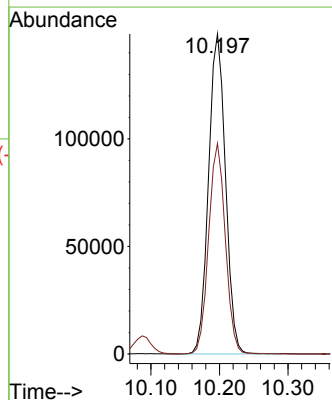
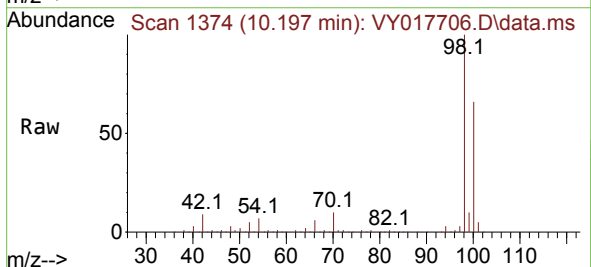
Acq: 19 Mar 2024 12:35

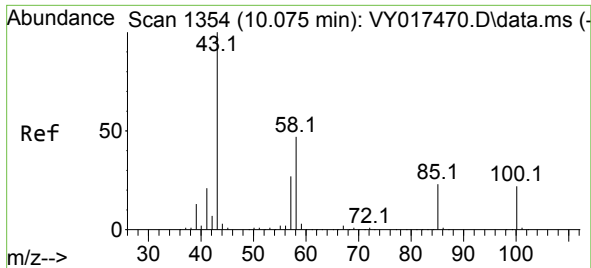
Tgt Ion: 98 Resp: 256561

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

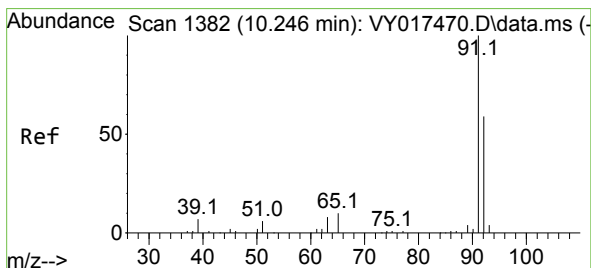
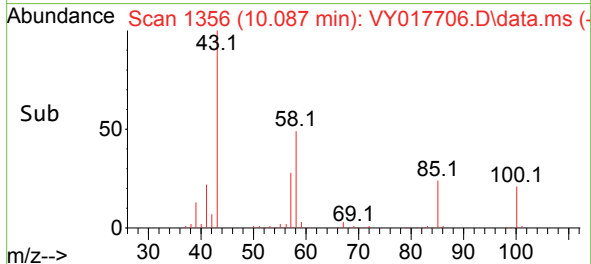
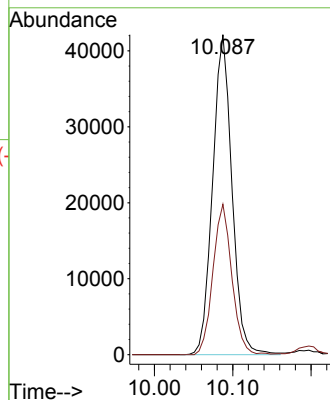
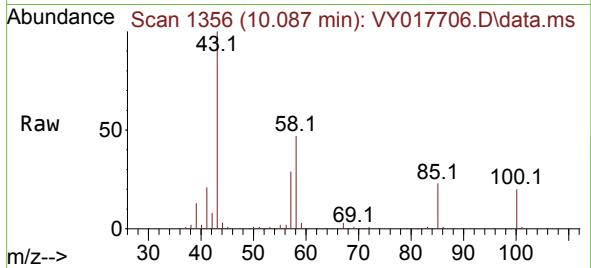




#51
4-Methyl-2-Pentanone
Concen: 81.820 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

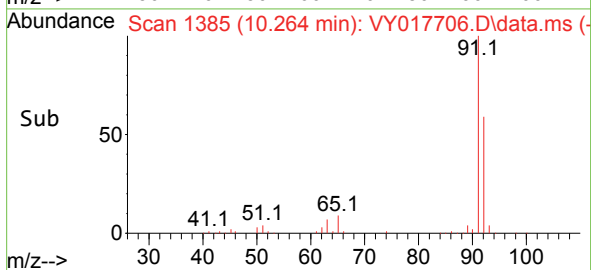
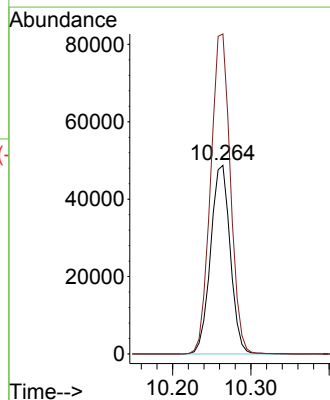
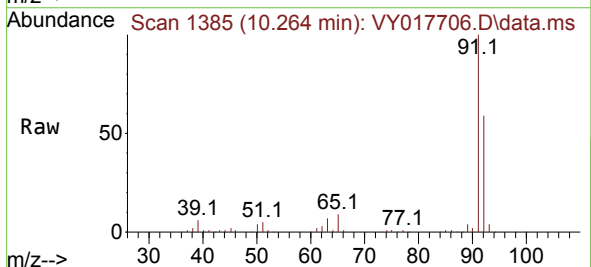
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

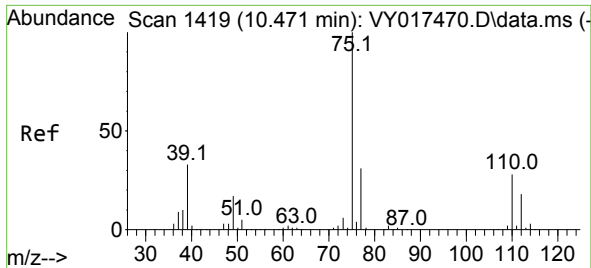
Tgt Ion: 43 Resp: 72171
Ion Ratio Lower Upper
43 100
58 46.1 35.7 53.5



#52
Toluene
Concen: 19.860 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 92 Resp: 84787
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6

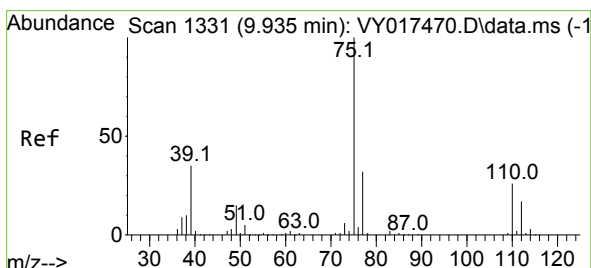
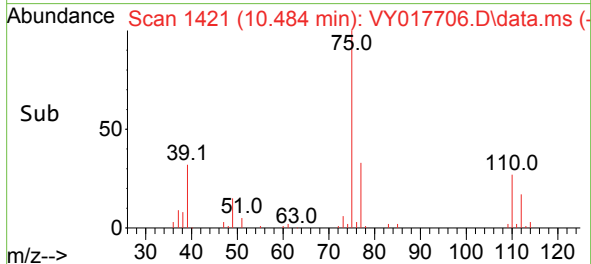
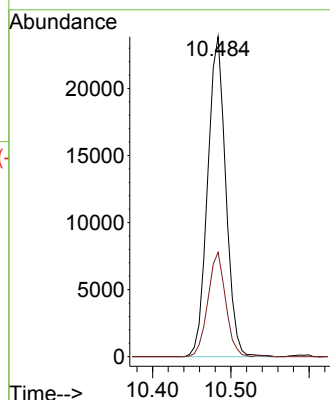
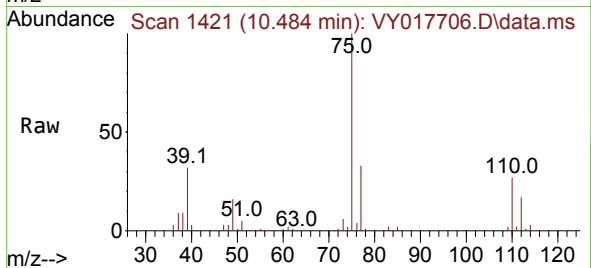




#53
t-1,3-Dichloropropene
Concen: 18.459 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

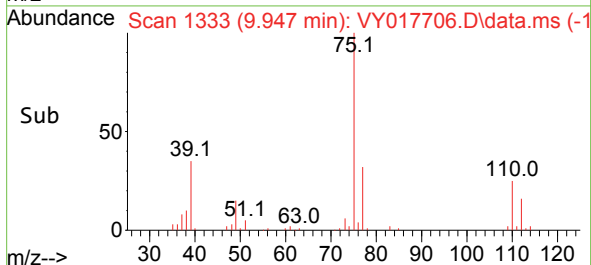
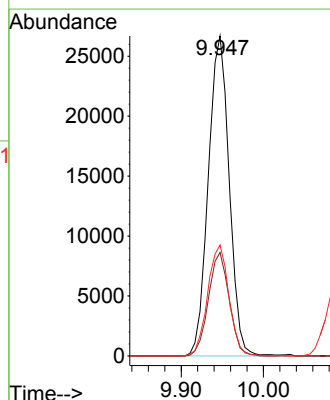
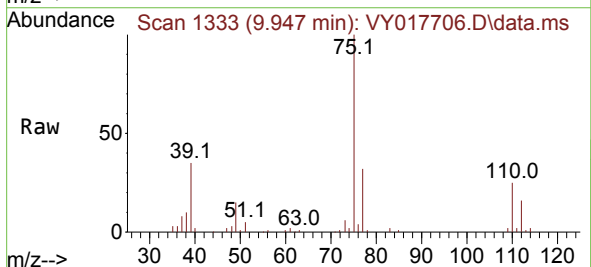
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

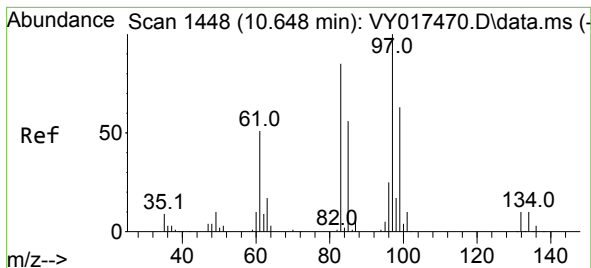
Tgt Ion: 75 Resp: 38359
Ion Ratio Lower Upper
75 100
77 32.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 18.662 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 75 Resp: 47121
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 34.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.613 ug/l

RT: 10.660 min Scan# 1448

Delta R.T. 0.012 min

Lab File: VY017706.D

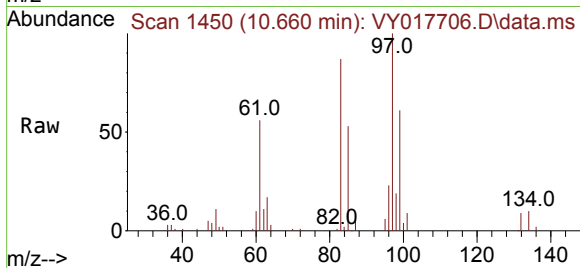
Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01



Tgt Ion: 97 Resp: 24368

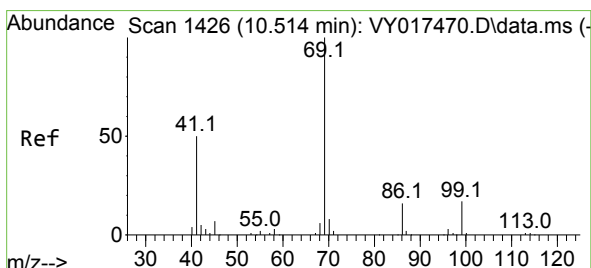
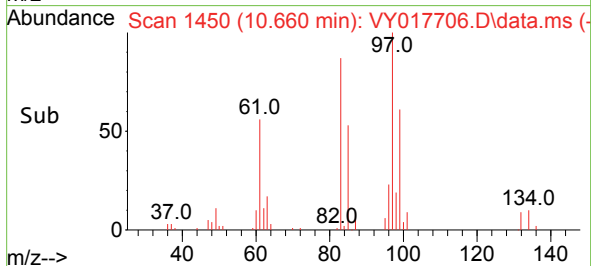
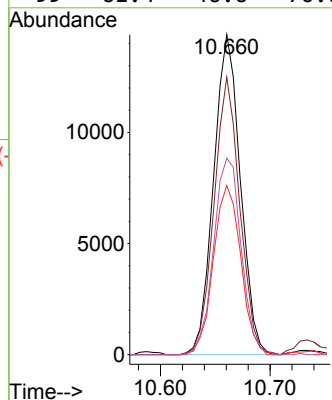
Ion Ratio Lower Upper

97 100

83 86.7 67.5 101.3

85 52.9 42.9 64.3

99 61.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.354 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

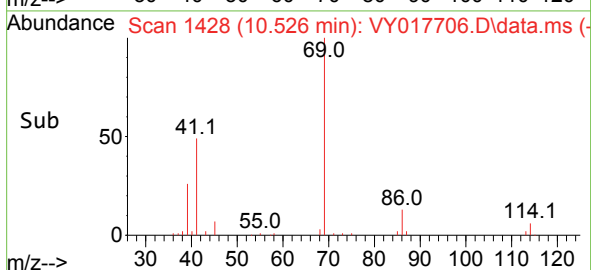
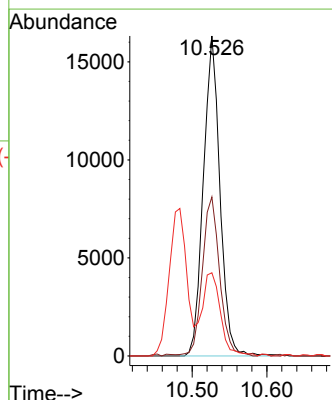
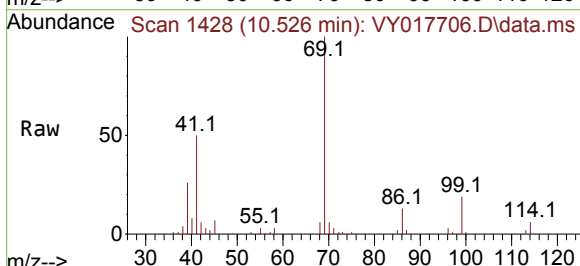
Tgt Ion: 69 Resp: 25140

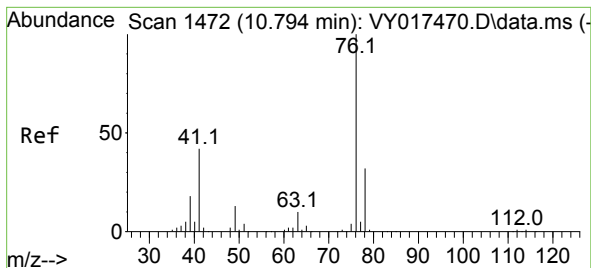
Ion Ratio Lower Upper

69 100

41 52.4 42.3 63.5

39 29.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 18.423 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

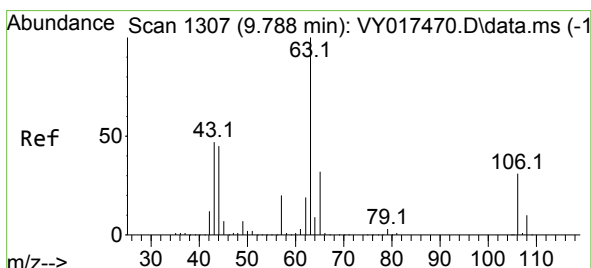
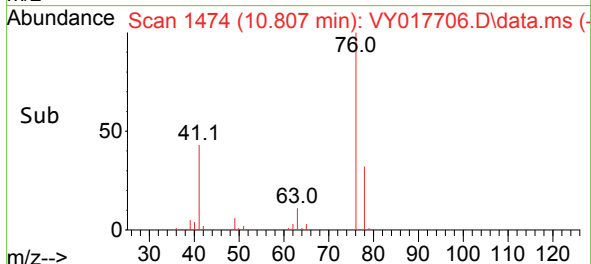
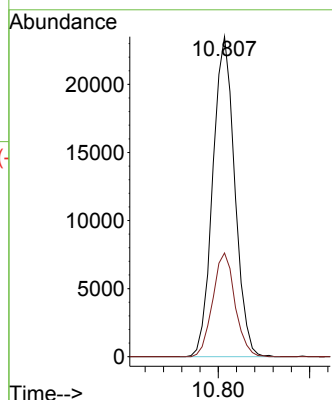
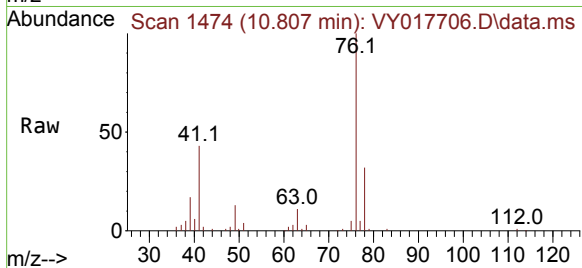
VY0319SBS01

Tgt Ion: 76 Resp: 39214

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 77.652 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017706.D

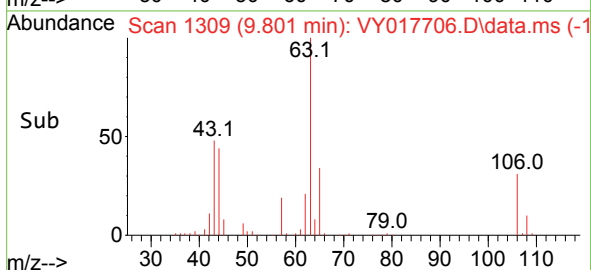
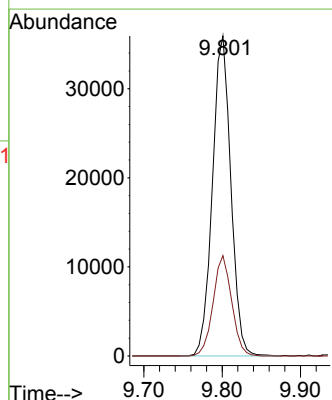
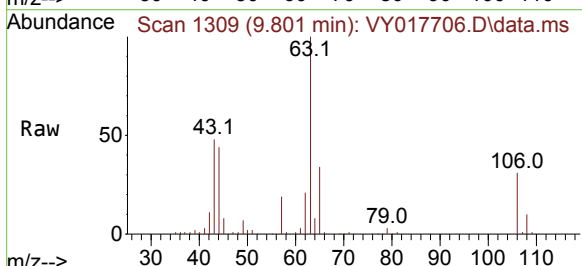
Acq: 19 Mar 2024 12:35

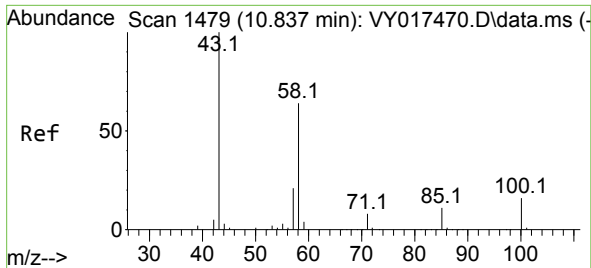
Tgt Ion: 63 Resp: 58663

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5

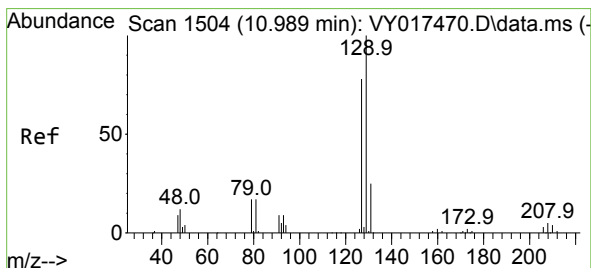
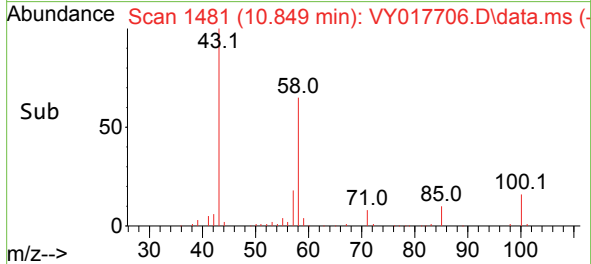
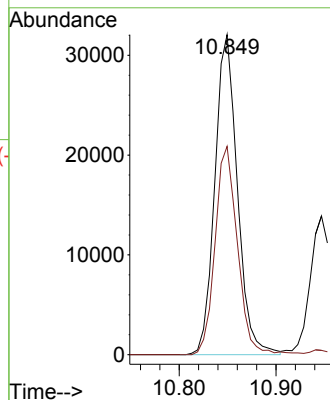
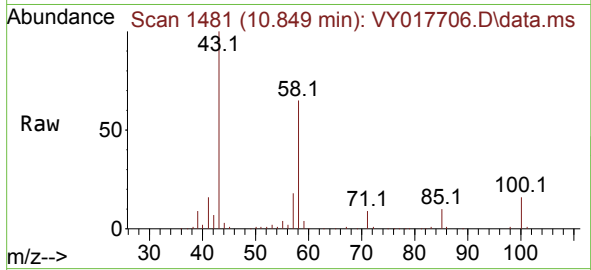




#59
2-Hexanone
Concen: 85.624 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

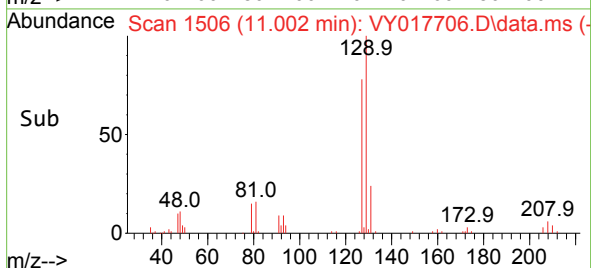
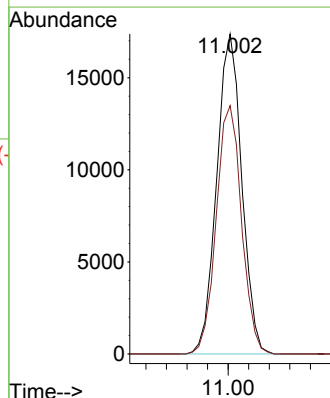
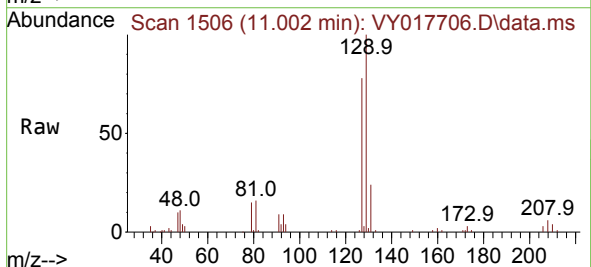
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

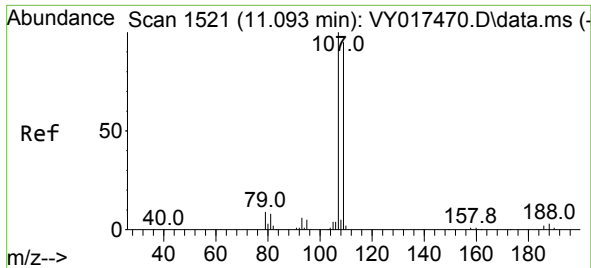
Tgt Ion: 43 Resp: 51878
Ion Ratio Lower Upper
43 100
58 64.6 31.4 94.0



#60
Dibromochloromethane
Concen: 19.001 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 129 Resp: 29428
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

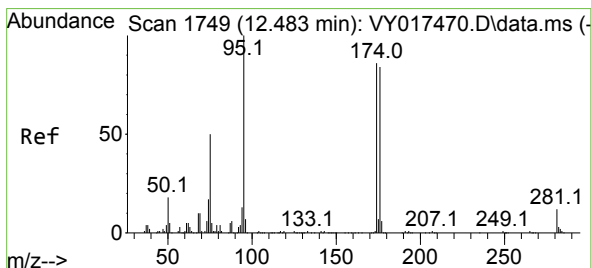
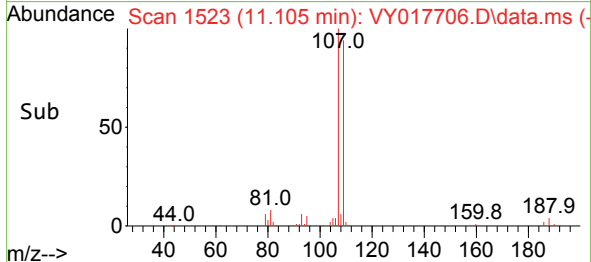
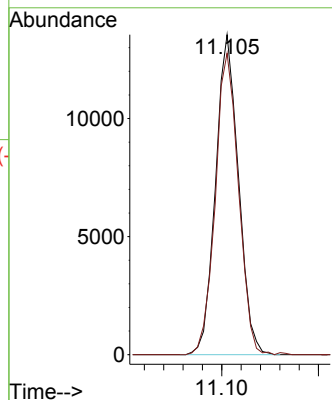
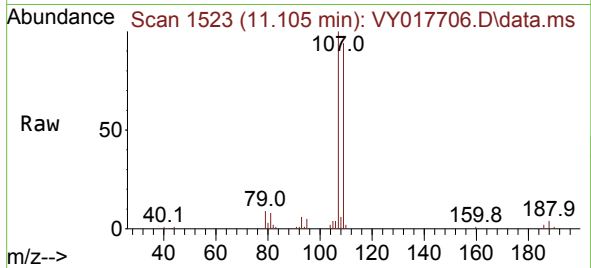




#61
1,2-Dibromoethane
Concen: 18.473 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

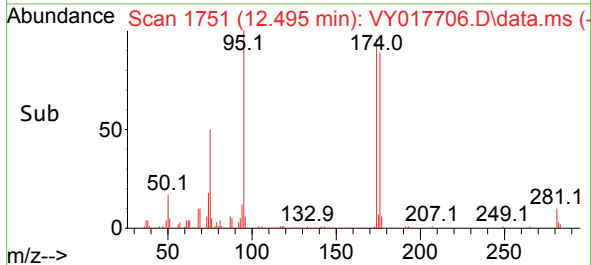
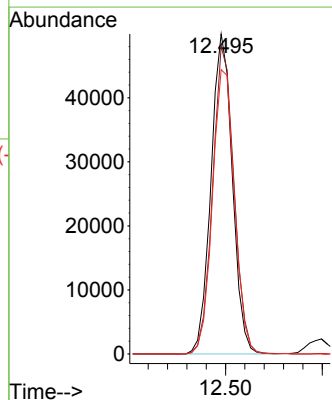
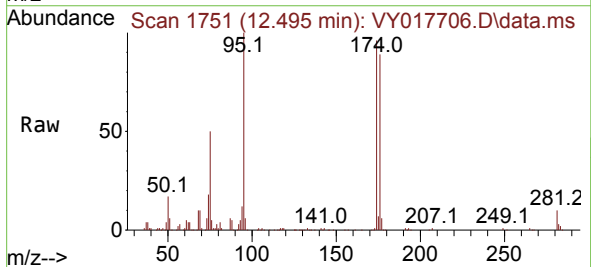
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

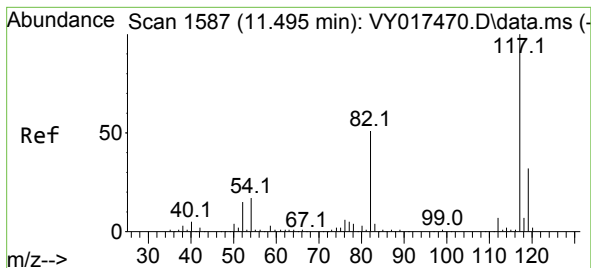
Tgt Ion:107 Resp: 22287
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.261 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 95 Resp: 76628
Ion Ratio Lower Upper
95 100
174 96.0 0.0 175.6
176 91.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

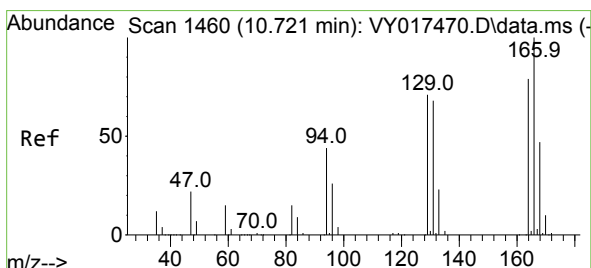
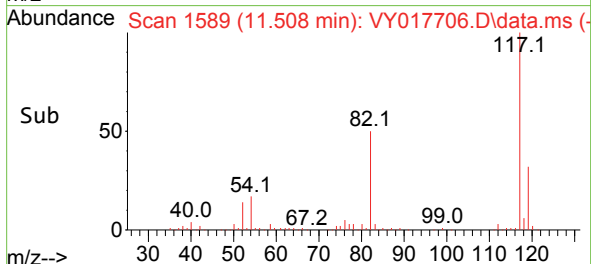
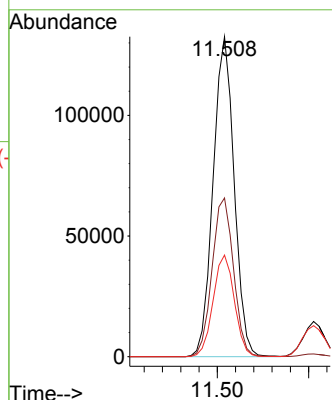
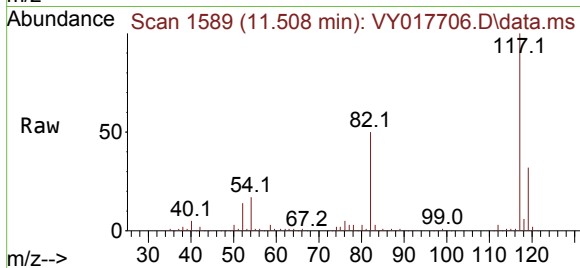
Tgt Ion:117 Resp: 211638

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 19.582 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Tgt Ion:164 Resp: 39778

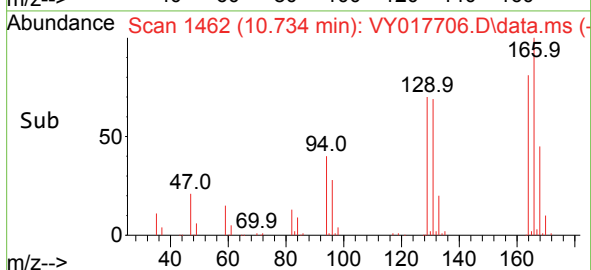
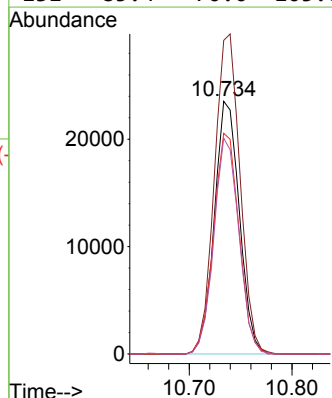
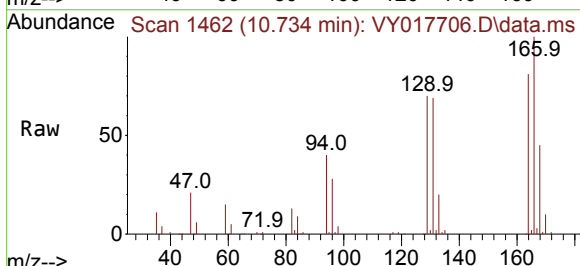
Ion Ratio Lower Upper

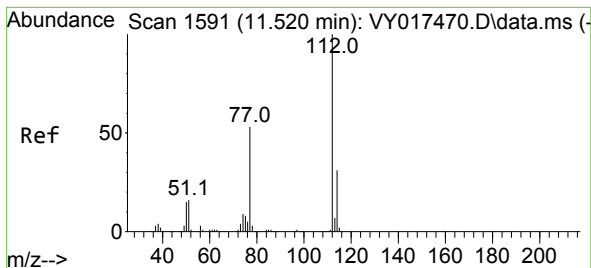
164 100

166 124.1 102.6 154.0

129 87.4 72.0 108.0

131 85.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.960 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

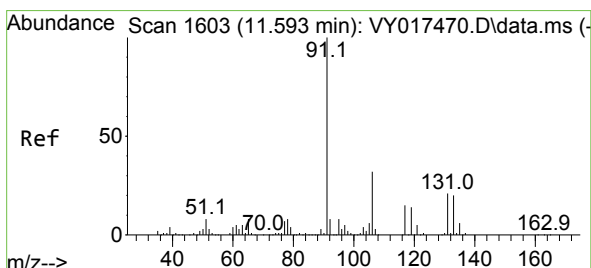
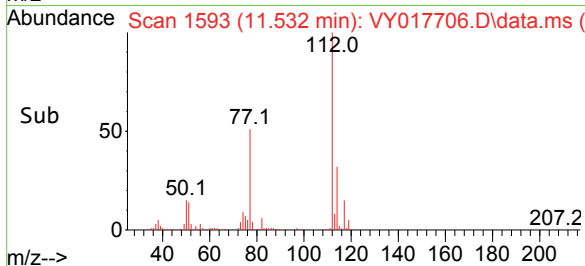
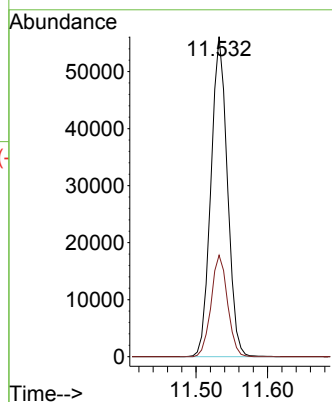
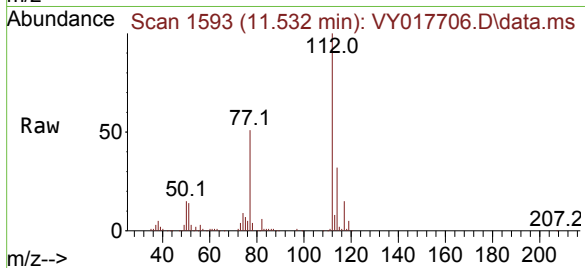
VY0319SBS01

Tgt Ion:112 Resp: 89662

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.434 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

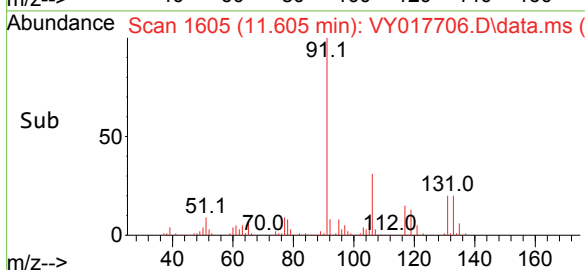
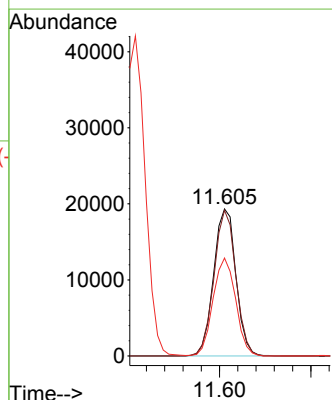
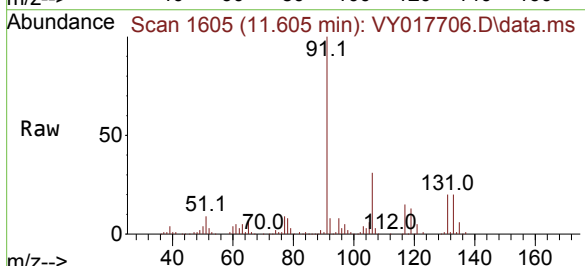
Tgt Ion:131 Resp: 32705

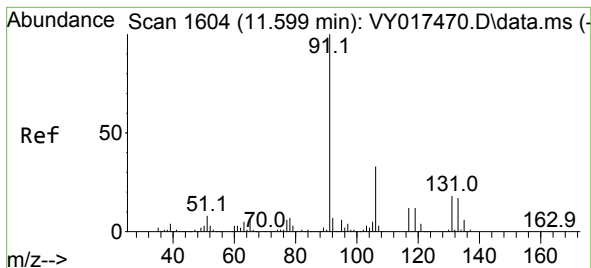
Ion Ratio Lower Upper

131 100

133 97.5 47.8 143.3

119 67.5 34.1 102.2





#67

Ethyl Benzene

Concen: 19.590 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

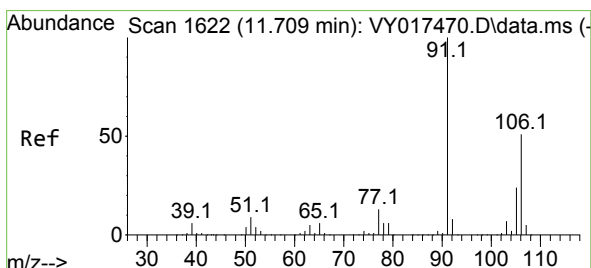
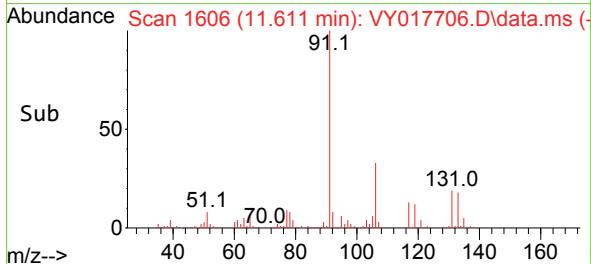
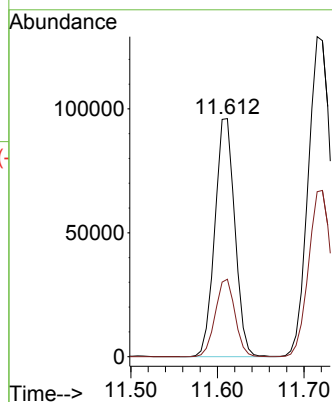
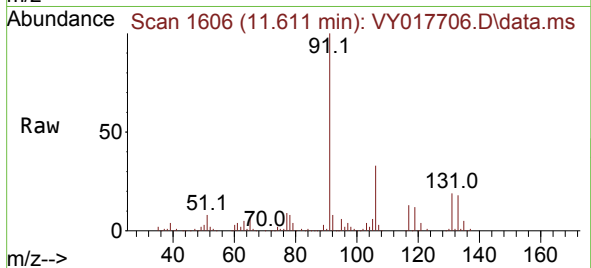
VY0319SBS01

Tgt Ion: 91 Resp: 154331

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7



#68

m/p-Xylenes

Concen: 39.652 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017706.D

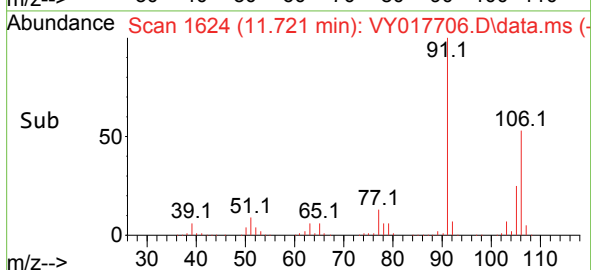
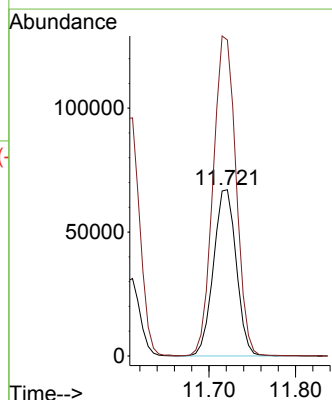
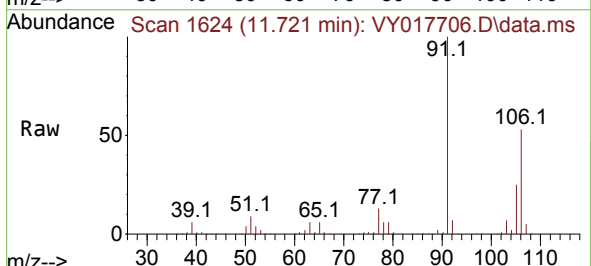
Acq: 19 Mar 2024 12:35

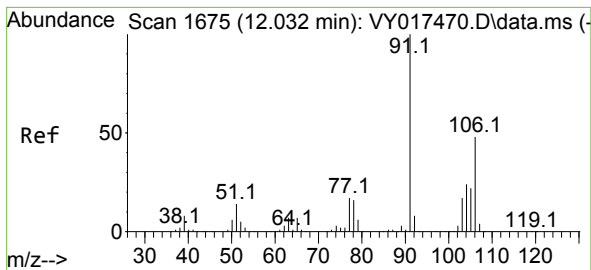
Tgt Ion:106 Resp: 122747

Ion Ratio Lower Upper

106 100

91 194.0 156.0 234.0





#69

o-Xylene

Concen: 19.711 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

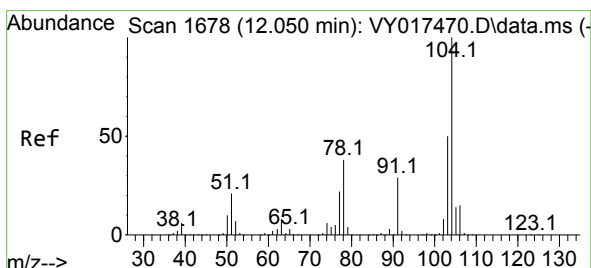
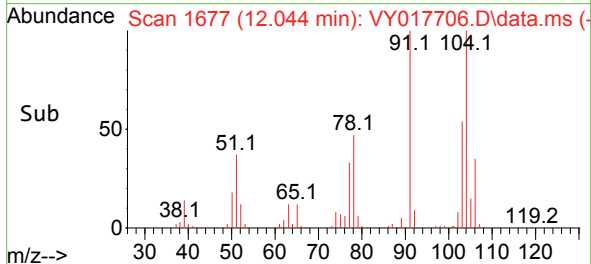
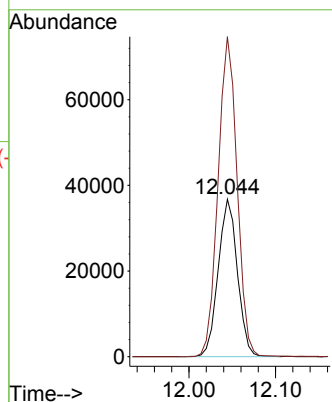
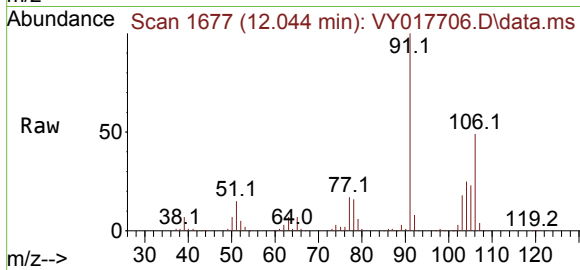
VY0319SBS01

Tgt Ion:106 Resp: 56609

Ion Ratio Lower Upper

106 100

91 201.6 103.6 310.8



#70

Styrene

Concen: 19.318 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

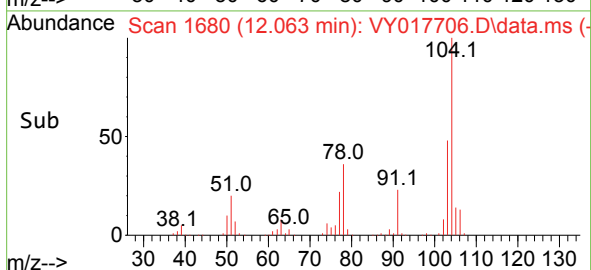
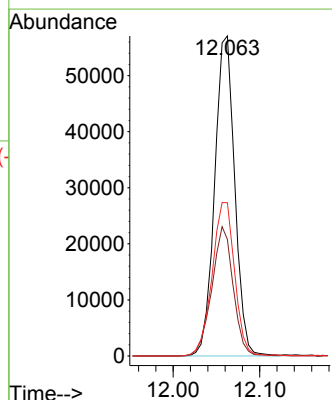
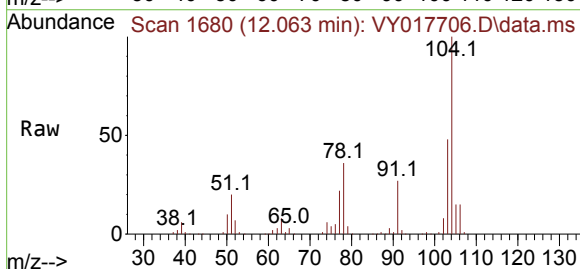
Tgt Ion:104 Resp: 92090

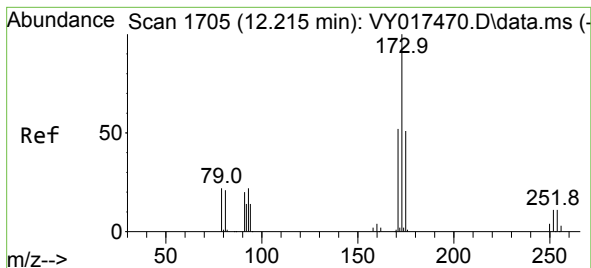
Ion Ratio Lower Upper

104 100

78 42.9 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 18.771 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

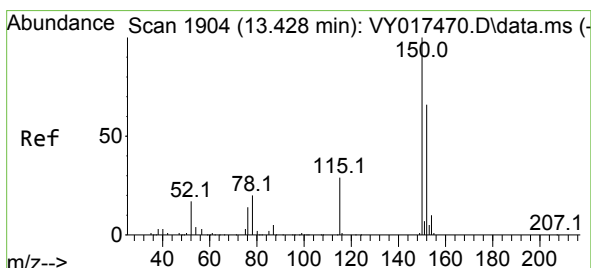
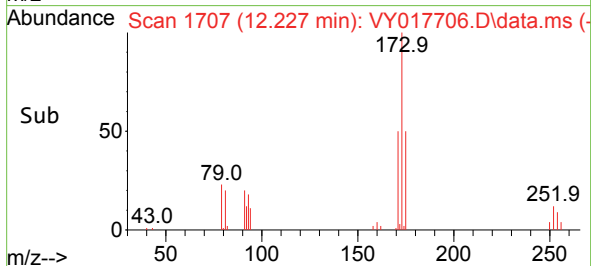
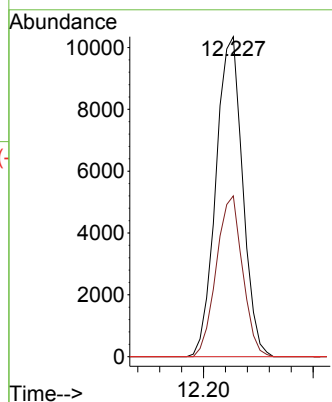
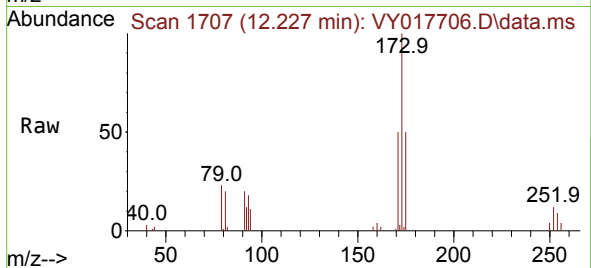
Tgt Ion:173 Resp: 17506

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

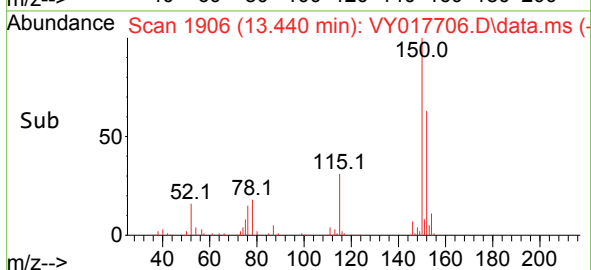
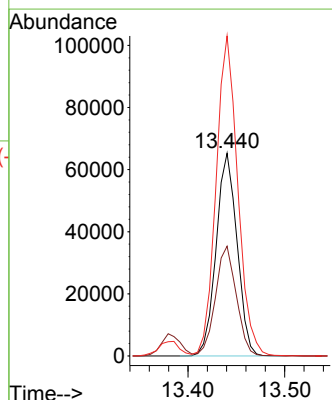
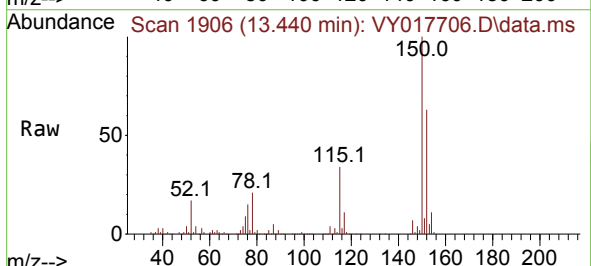
Tgt Ion:152 Resp: 97874

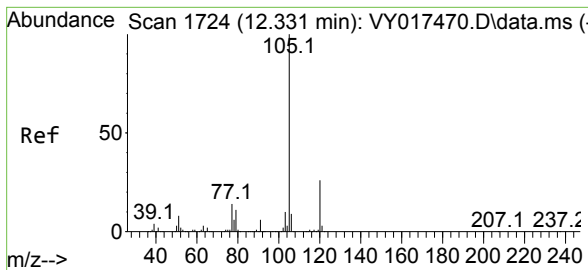
Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 164.1 0.0 345.6





#73

Isopropylbenzene

Concen: 20.550 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

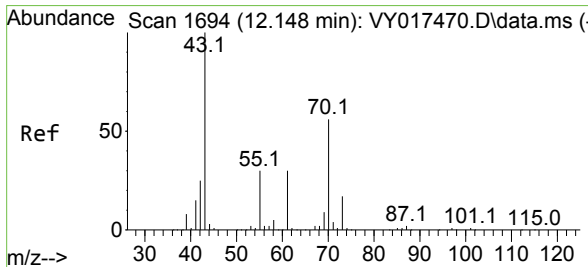
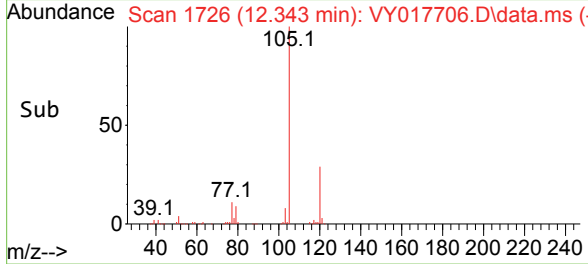
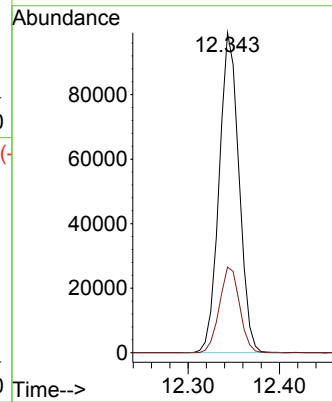
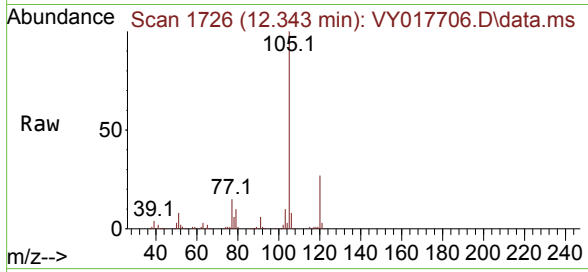
VY0319SBS01

Tgt Ion:105 Resp: 149424

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 16.800 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Tgt Ion: 43 Resp: 21545

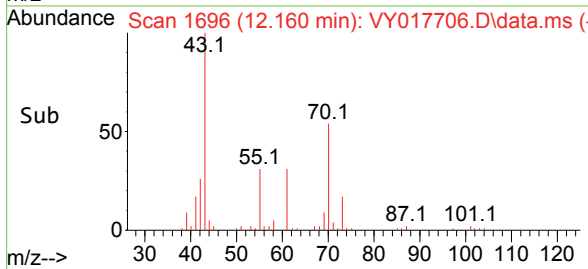
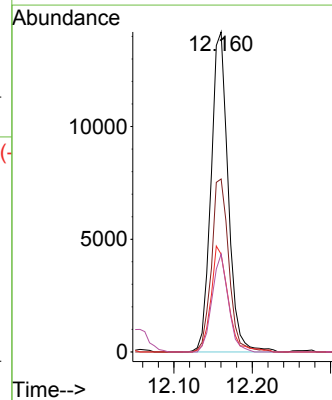
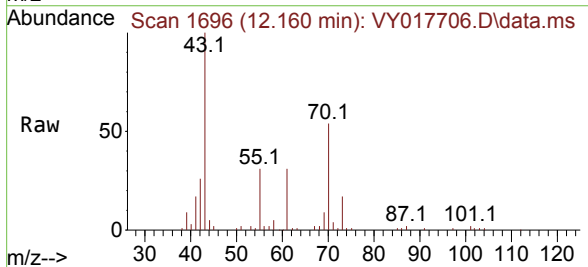
Ion Ratio Lower Upper

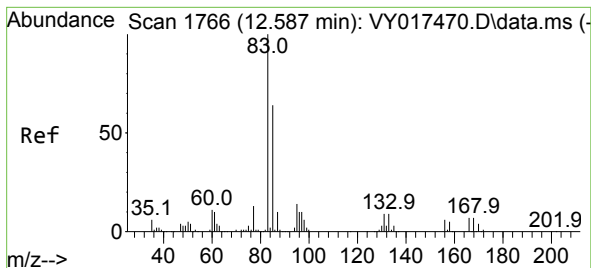
43 100

70 54.9 41.4 62.2

55 33.2 23.3 34.9

61 28.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.819 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

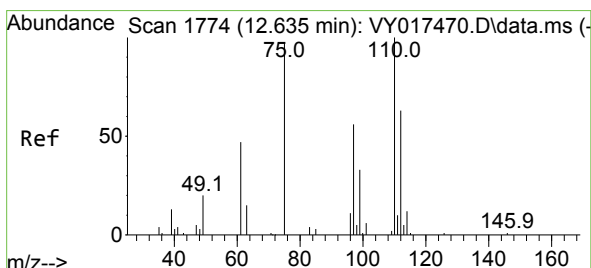
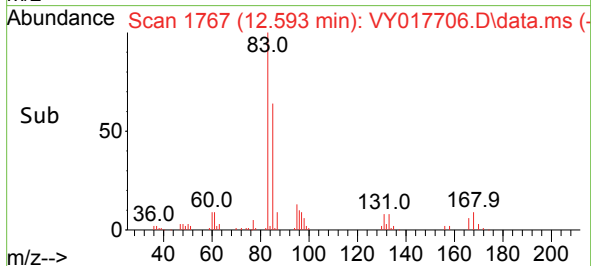
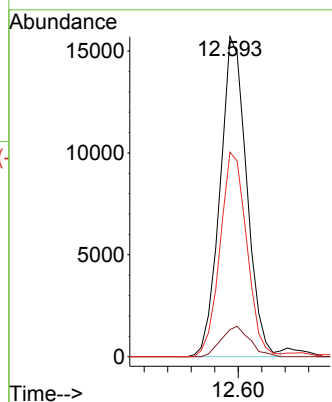
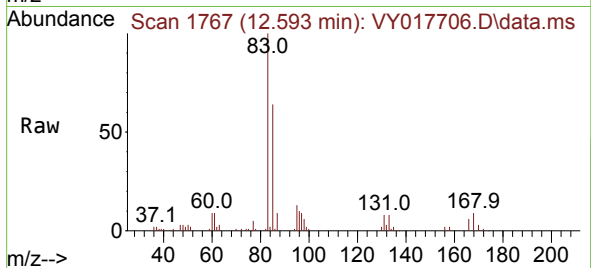
Tgt Ion: 83 Resp: 24747

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.693 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017706.D

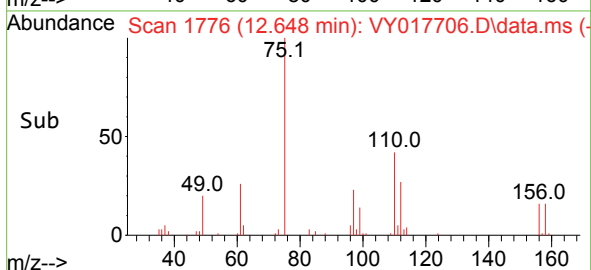
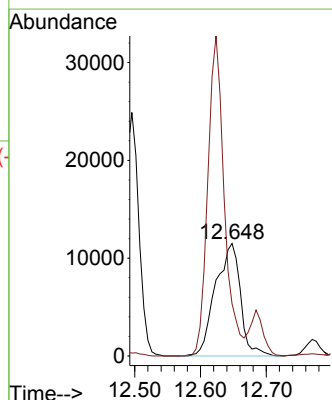
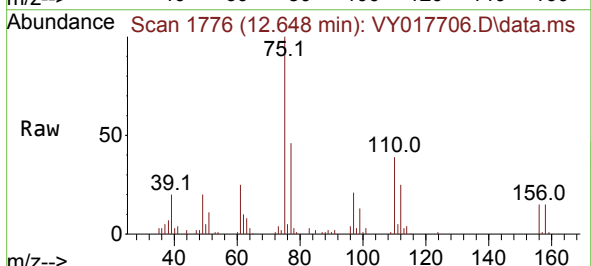
Acq: 19 Mar 2024 12:35

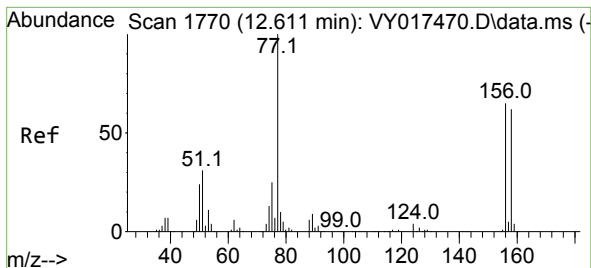
Tgt Ion: 75 Resp: 30403

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.244 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

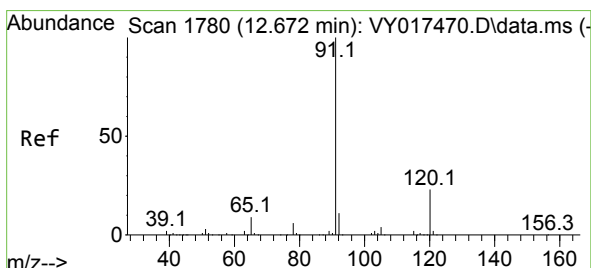
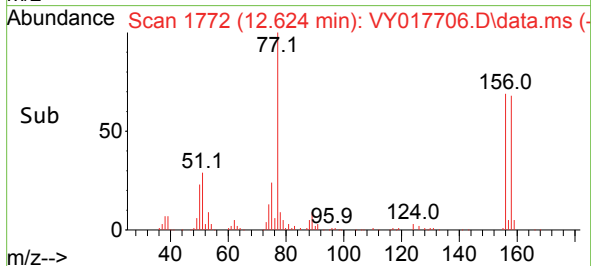
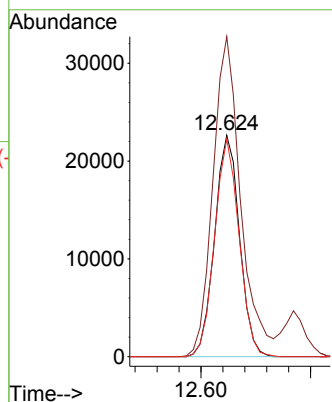
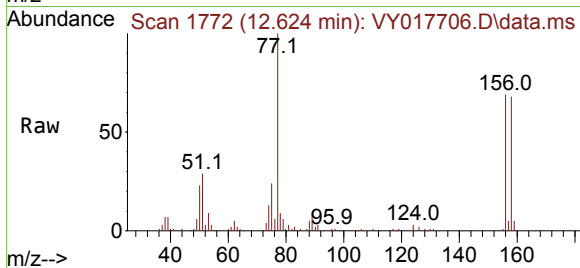
Tgt Ion:156 Resp: 35648

Ion Ratio Lower Upper

156 100

77 161.4 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 20.902 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017706.D

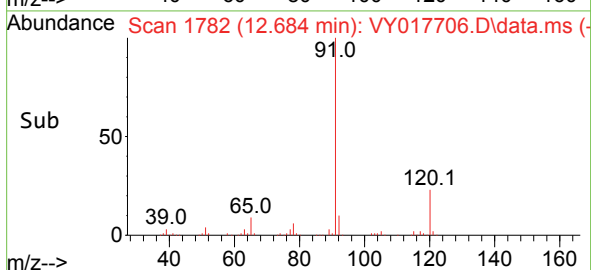
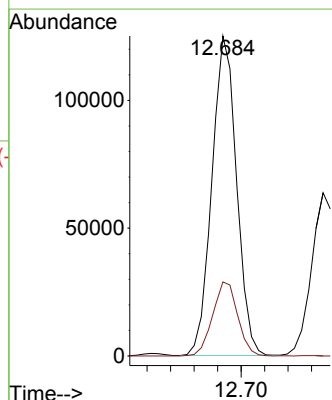
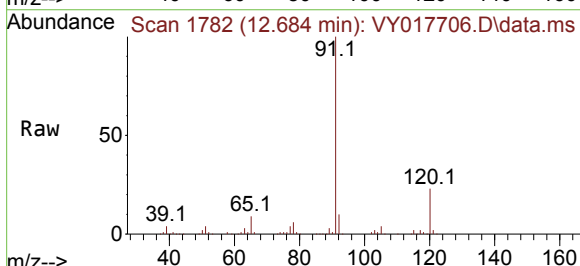
Acq: 19 Mar 2024 12:35

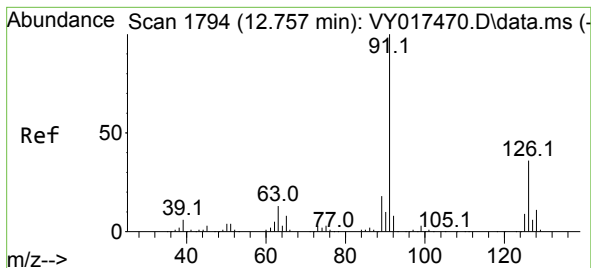
Tgt Ion: 91 Resp: 182367

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.104 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

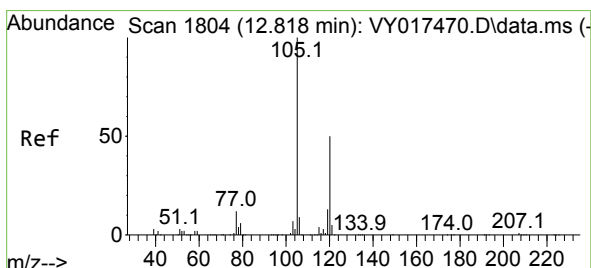
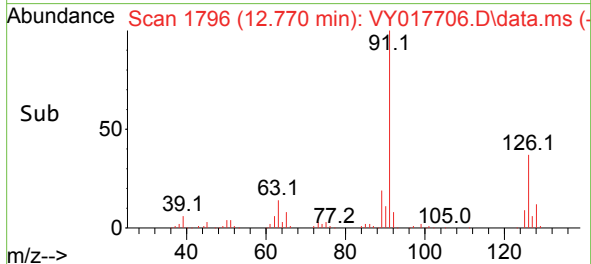
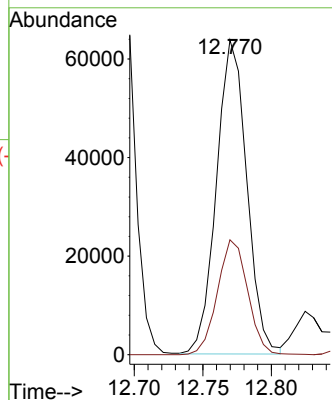
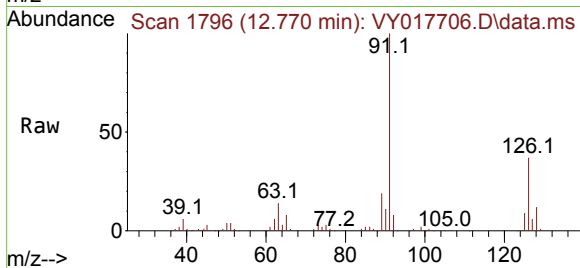
VY0319SBS01

Tgt Ion: 91 Resp: 98206

Ion Ratio Lower Upper

91 100

126 36.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.595 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017706.D

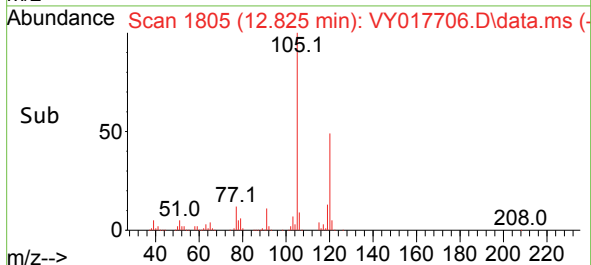
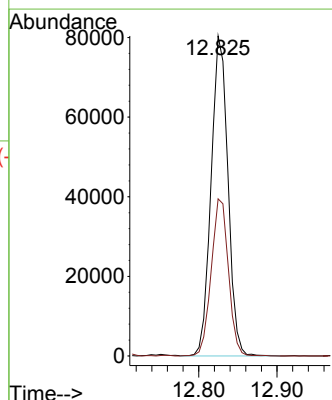
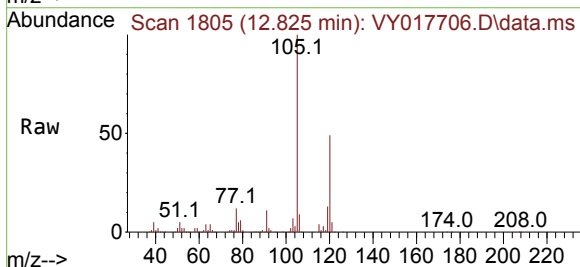
Acq: 19 Mar 2024 12:35

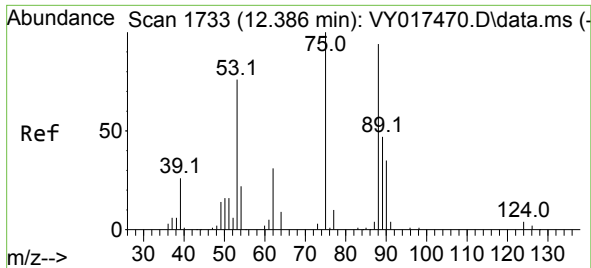
Tgt Ion:105 Resp: 119980

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

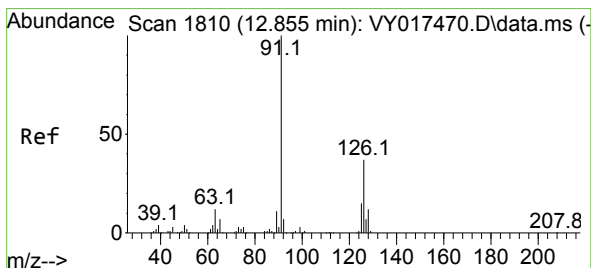
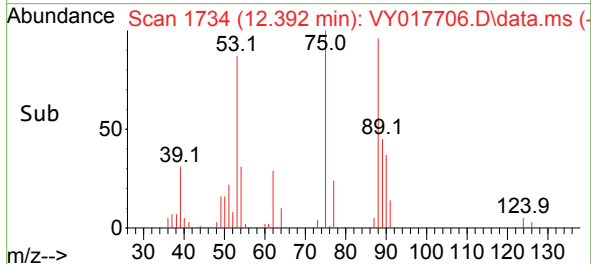
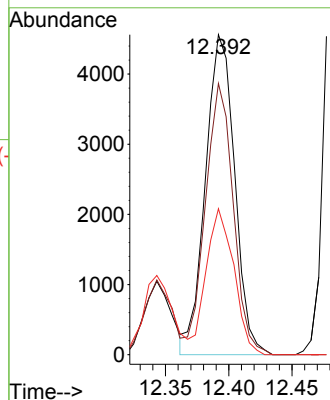
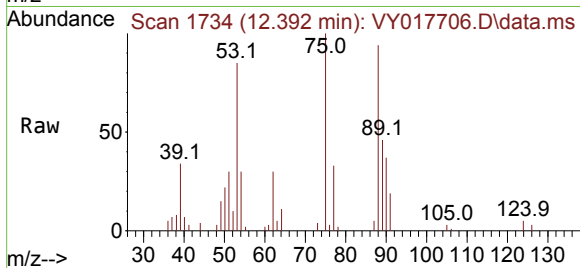




#81
trans-1,4-Dichloro-2-butene
Concen: 18.114 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

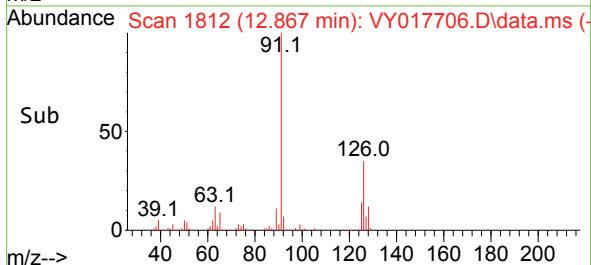
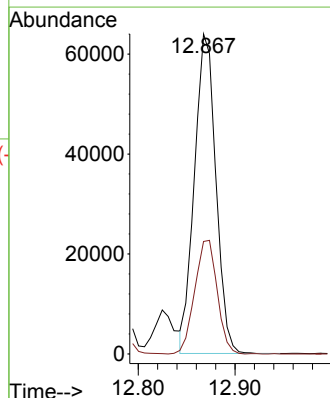
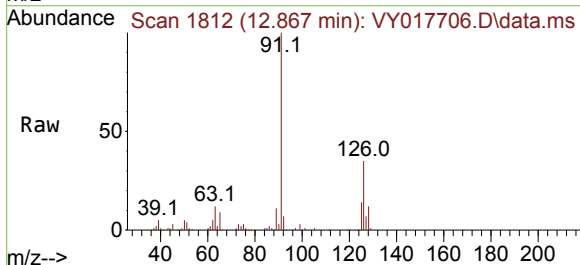
Instrument :
MSVOA_Y
ClientSampleId :
VY0319SBS01

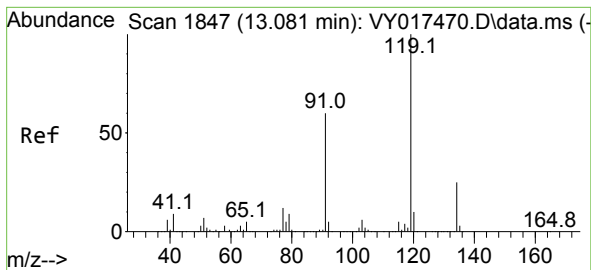
Tgt Ion: 75 Resp: 7331
Ion Ratio Lower Upper
75 100
53 81.2 66.8 100.2
89 43.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.727 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017706.D
Acq: 19 Mar 2024 12:35

Tgt Ion: 91 Resp: 98561
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.995 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

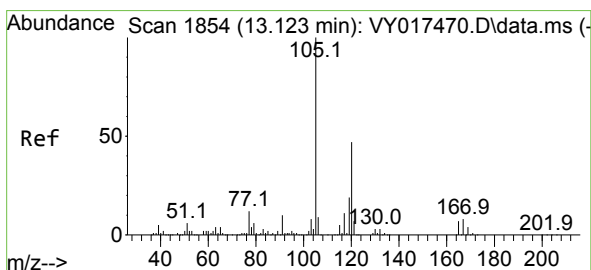
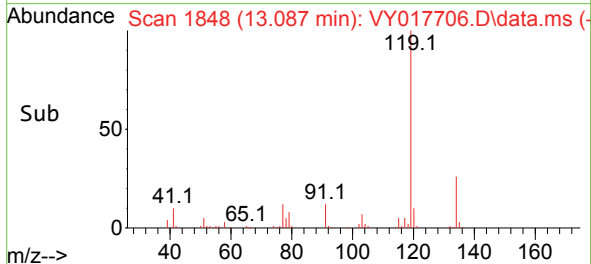
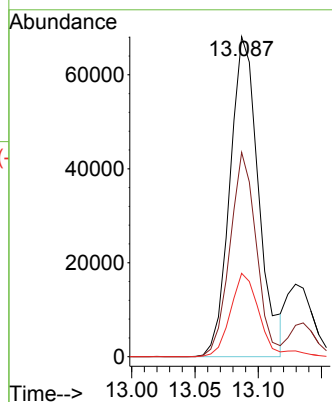
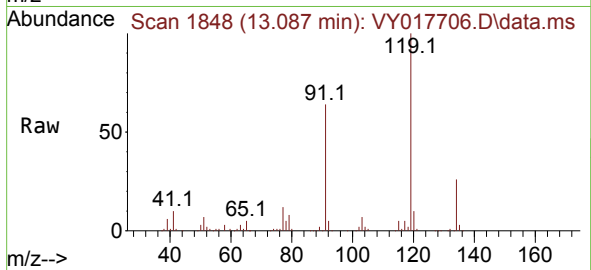
Tgt Ion:119 Resp: 107401

Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.192 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017706.D

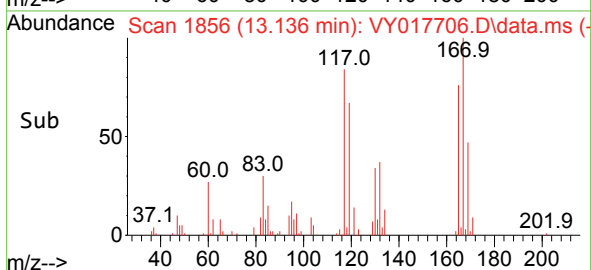
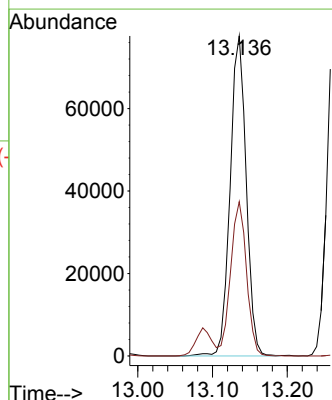
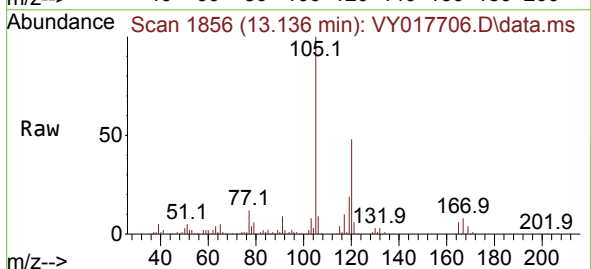
Acq: 19 Mar 2024 12:35

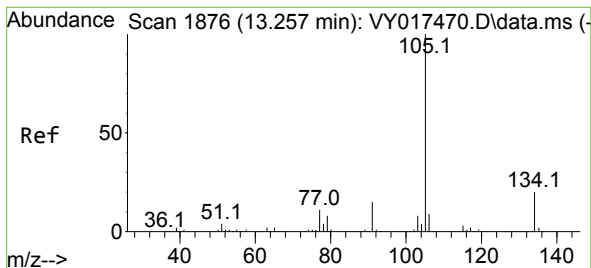
Tgt Ion:105 Resp: 116127

Ion Ratio Lower Upper

105 100

120 47.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

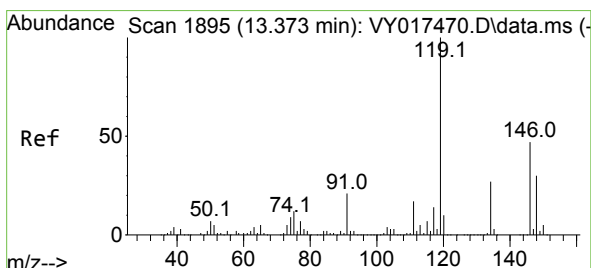
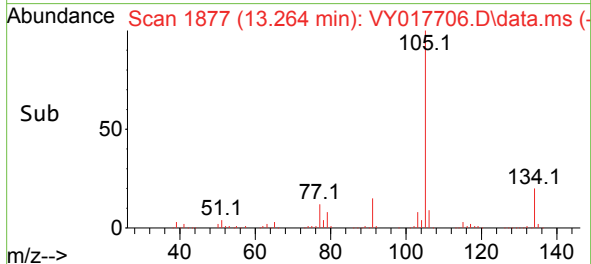
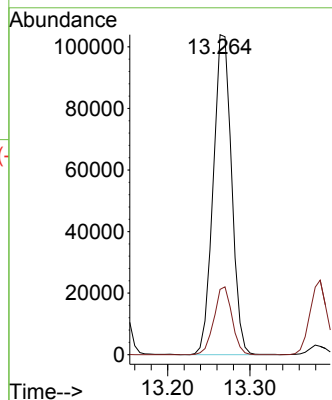
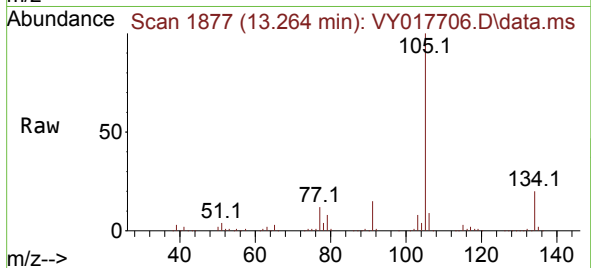
VY0319SBS01

Tgt Ion:105 Resp: 161304

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.398 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

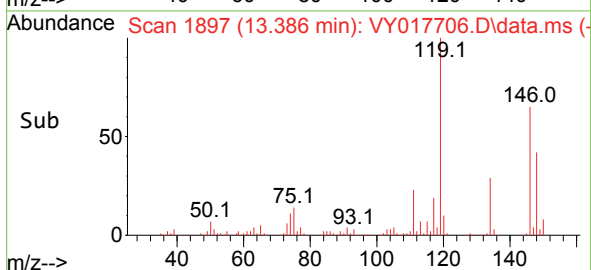
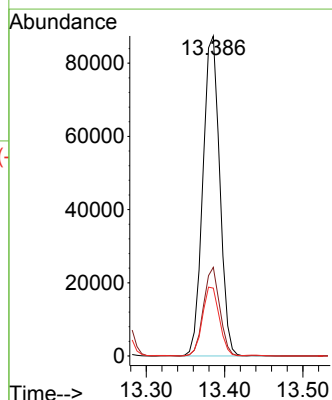
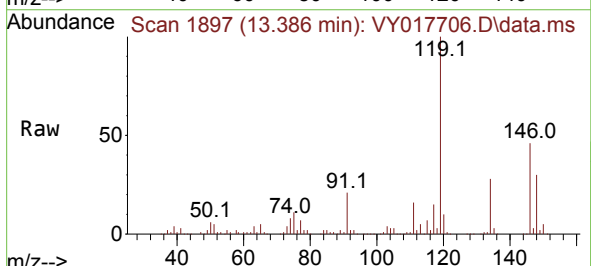
Tgt Ion:119 Resp: 130598

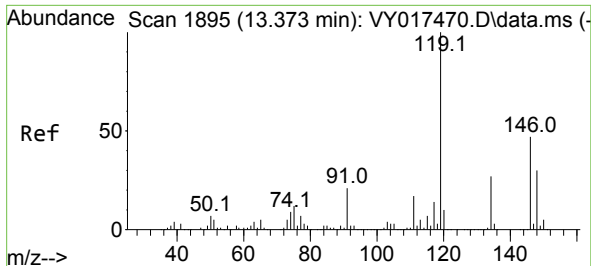
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.861 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

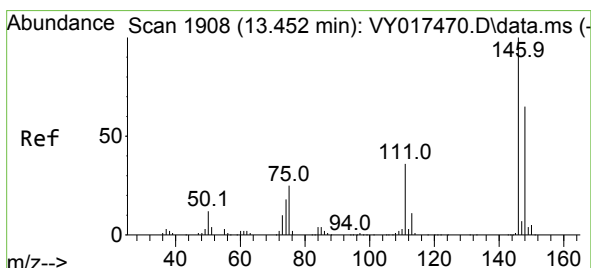
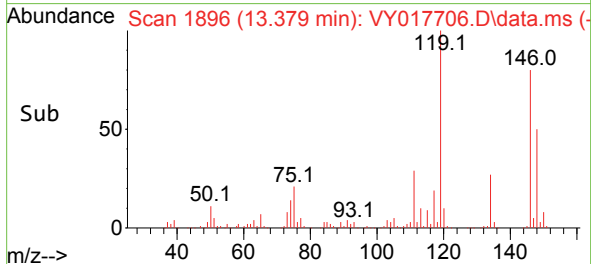
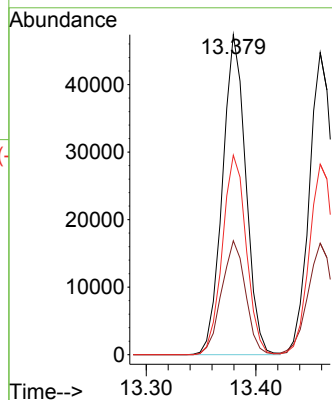
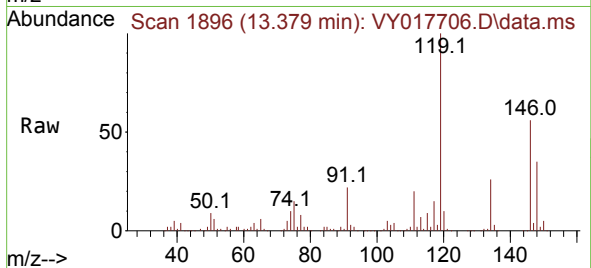
Tgt Ion:146 Resp: 70200

Ion Ratio Lower Upper

146 100

111 36.4 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.930 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

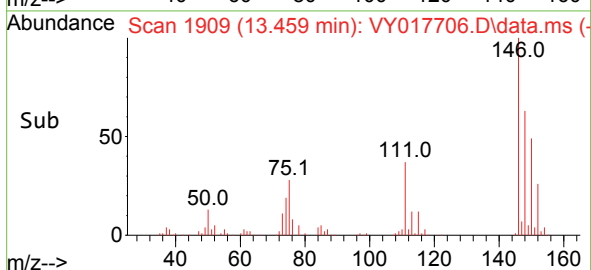
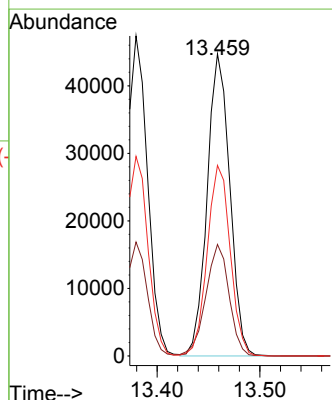
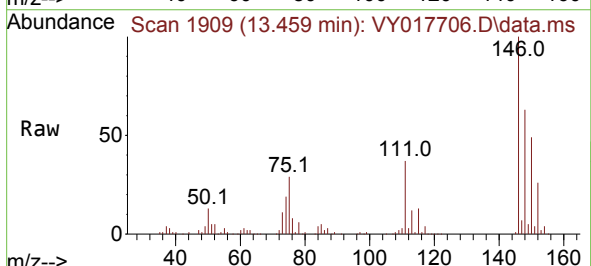
Tgt Ion:146 Resp: 68484

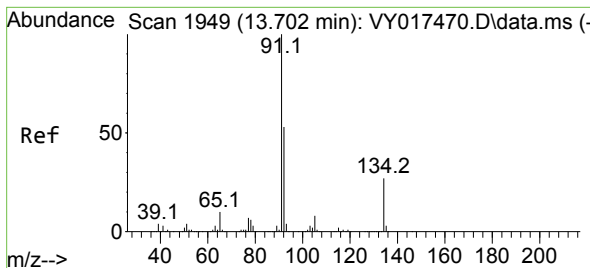
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 19.934 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

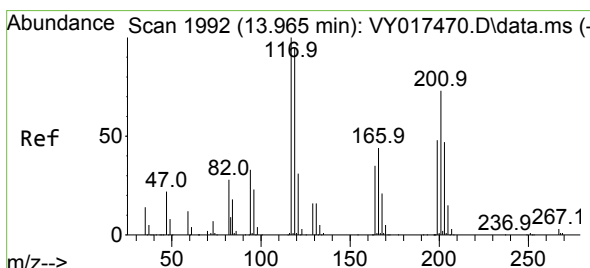
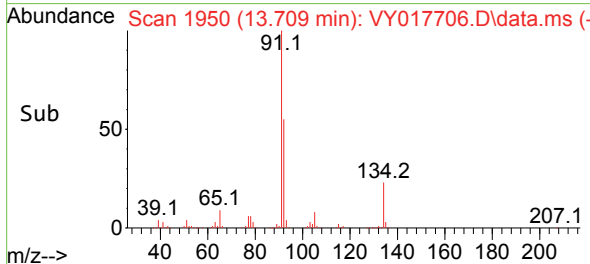
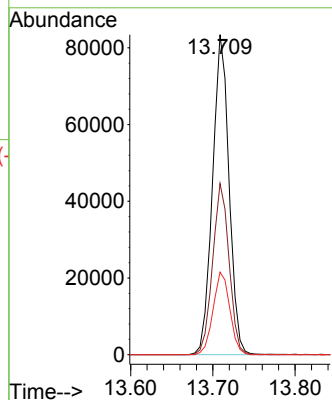
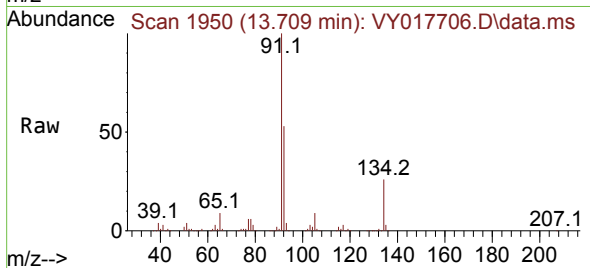
Tgt Ion: 91 Resp: 116442

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 26.1 12.9 38.7



#90

Hexachloroethane

Concen: 20.616 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017706.D

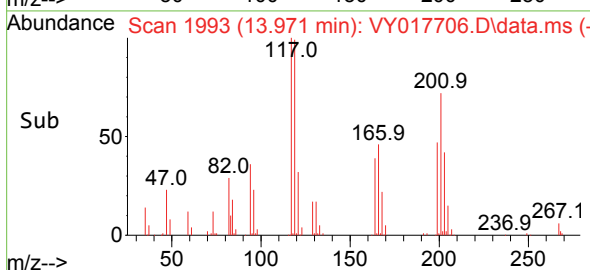
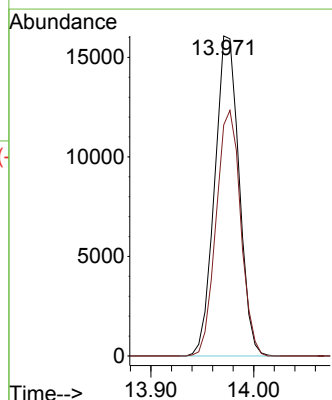
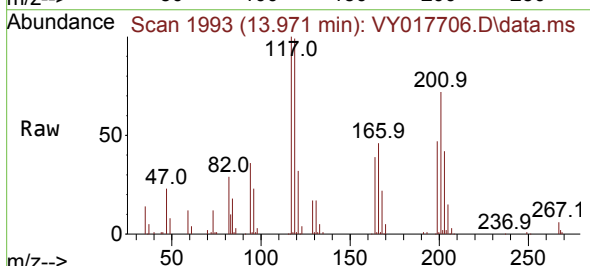
Acq: 19 Mar 2024 12:35

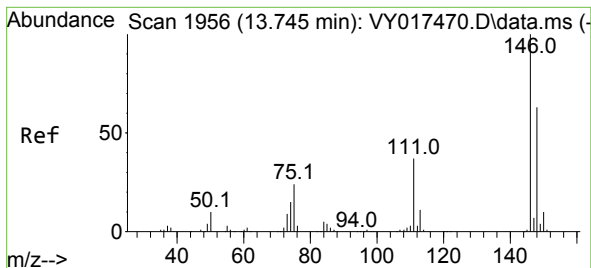
Tgt Ion: 117 Resp: 26462

Ion Ratio Lower Upper

117 100

201 77.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.650 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

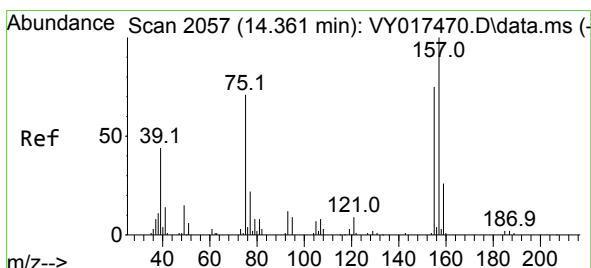
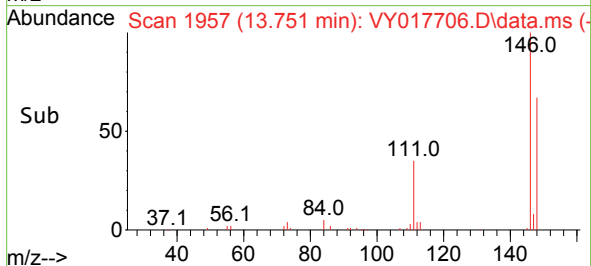
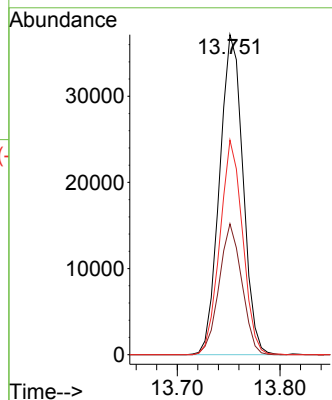
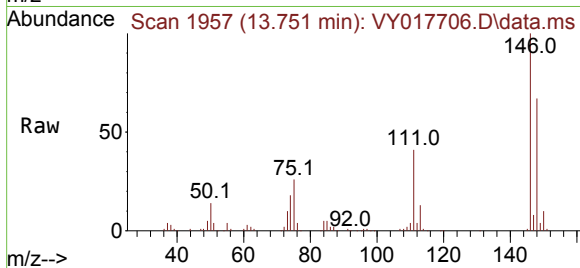
Tgt Ion:146 Resp: 58747

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 65.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.446 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

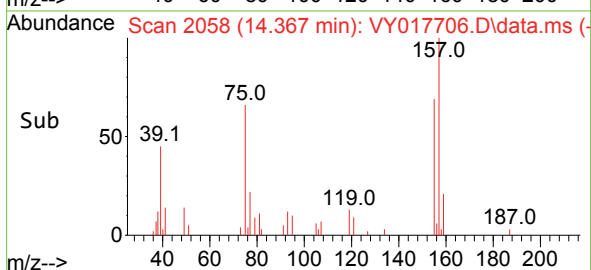
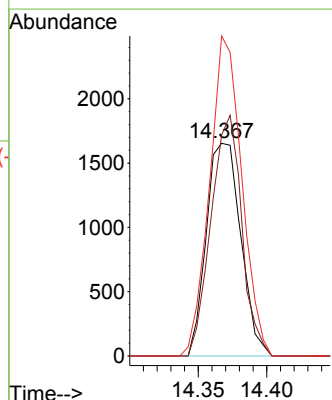
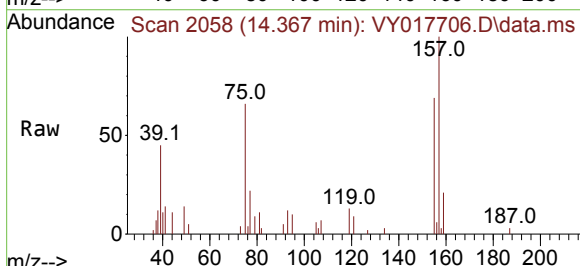
Tgt Ion: 75 Resp: 2887

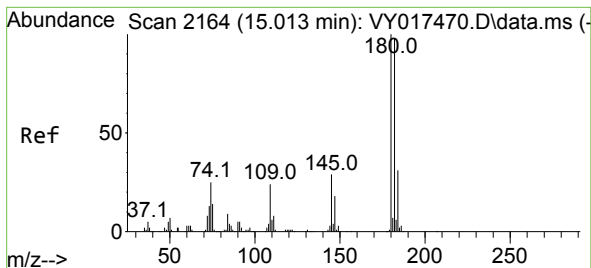
Ion Ratio Lower Upper

75 100

155 100.9 48.6 145.8

157 140.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.528 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

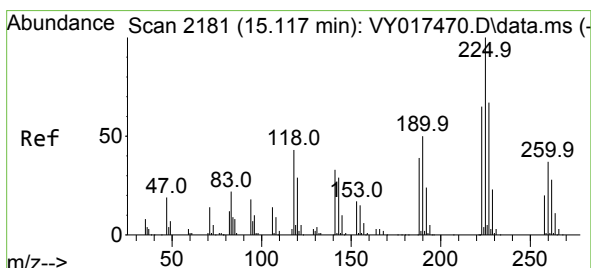
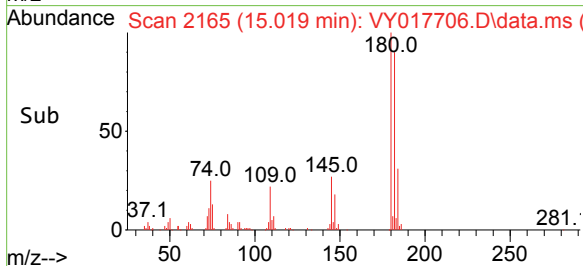
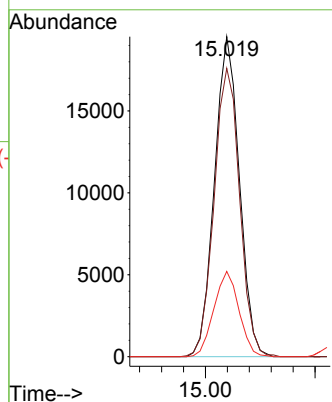
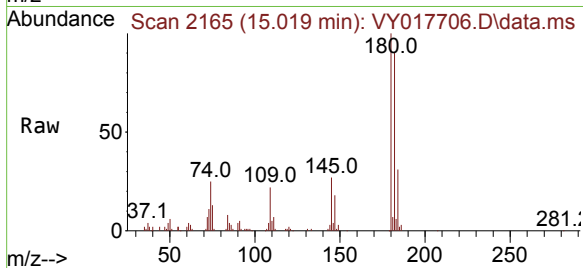
Tgt Ion:180 Resp: 30838

Ion Ratio Lower Upper

180 100

182 92.5 47.9 143.8

145 26.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.834 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

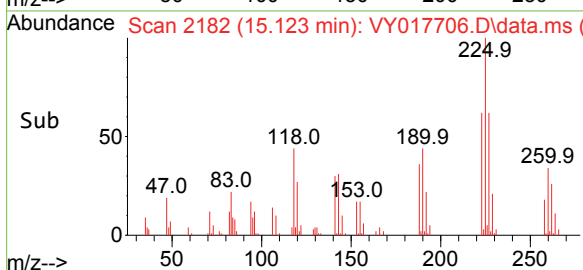
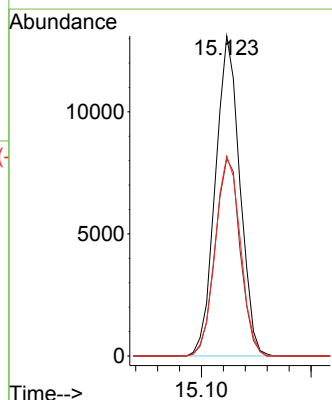
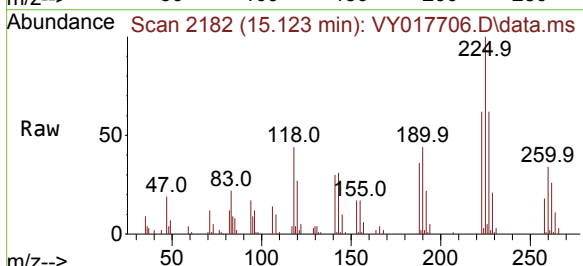
Tgt Ion:225 Resp: 20313

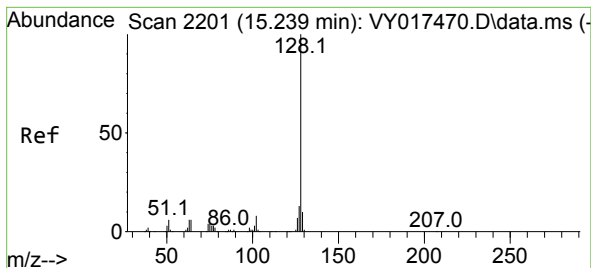
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 17.210 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0319SBS01

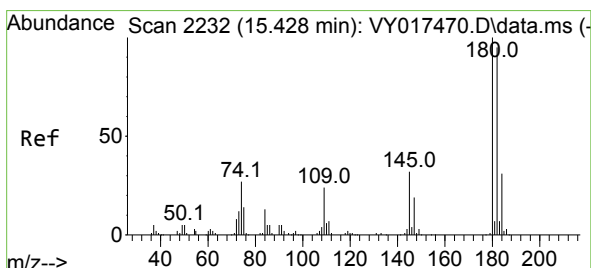
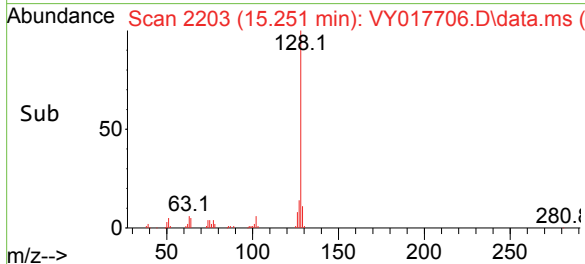
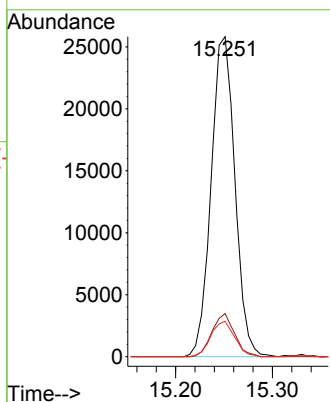
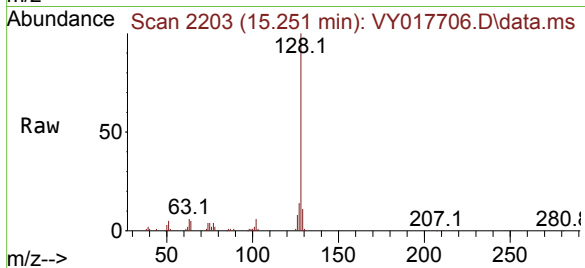
Tgt Ion:128 Resp: 44141

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.317 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017706.D

Acq: 19 Mar 2024 12:35

Tgt Ion:180 Resp: 24814

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 30.6 15.4 46.1

