

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017826.D
 Acq On : 03 Apr 2024 10:54
 Operator : SY/MD
 Sample : VY0403SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBSD01

Quant Time: Apr 04 01:08:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	243940	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	380974	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	324984	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	143910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	88267	41.815	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.620%
35) Dibromofluoromethane	7.740	113	96273	43.732	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.460%
50) Toluene-d8	10.197	98	364189	44.287	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.495	95	105715	42.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	32530	19.940	ug/l	97
3) Chloromethane	2.119	50	61215	19.226	ug/l	99
4) Vinyl Chloride	2.260	62	75269	18.088	ug/l	98
5) Bromomethane	2.662	94	63546	18.887	ug/l	100
6) Chloroethane	2.808	64	50899	18.748	ug/l	99
7) Trichlorofluoromethane	3.137	101	76127	18.760	ug/l	89
8) Diethyl Ether	3.546	74	21574	18.099	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	48425	19.899	ug/l	99
10) Methyl Iodide	4.113	142	49381	18.659	ug/l	99
11) Tert butyl alcohol	4.985	59	15199	77.662	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	43472	19.090	ug/l	96
13) Acrolein	3.747	56	14473	97.863	ug/l	98
14) Allyl chloride	4.503	41	52937	18.948	ug/l	99
15) Acrylonitrile	5.192	53	45250	89.931	ug/l	99
16) Acetone	3.973	43	35682	81.776	ug/l	90
17) Carbon Disulfide	4.216	76	102353	15.882	ug/l	97
18) Methyl Acetate	4.503	43	18197	18.828	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	97021	18.607	ug/l	97
20) Methylene Chloride	4.735	84	57673	19.975	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	45236	18.563	ug/l	94
22) Diisopropyl ether	6.143	45	130866	20.266	ug/l	98
23) Vinyl Acetate	6.088	43	360457	91.427	ug/l	98
24) 1,1-Dichloroethane	6.045	63	86673	20.223	ug/l	96
25) 2-Butanone	7.015	43	52771	84.896	ug/l	97
26) 2,2-Dichloropropane	7.009	77	73630	19.890	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	57330	19.906	ug/l	97
28) Bromochloromethane	7.362	49	33408	19.168	ug/l	93
29) Tetrahydrofuran	7.374	42	31496	84.445	ug/l	98
30) Chloroform	7.533	83	90841	20.428	ug/l	97
31) Cyclohexane	7.807	56	66419	17.861	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	75595	19.973	ug/l	95
36) 1,1-Dichloropropene	7.941	75	62361	19.415	ug/l	97
37) Ethyl Acetate	7.100	43	24826	17.910	ug/l	98
38) Carbon Tetrachloride	7.917	117	66367	19.903	ug/l	97
39) Methylcyclohexane	9.203	83	71645	17.857	ug/l	97
40) Benzene	8.179	78	195538	19.753	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11745	16.836	ug/l	95
42) 1,2-Dichloroethane	8.258	62	47110	19.336	ug/l	98
43) Isopropyl Acetate	8.295	43	45129	17.940	ug/l	98
44) Trichloroethene	8.960	130	51605	20.037	ug/l	100
45) 1,2-Dichloropropane	9.234	63	46191	20.081	ug/l	100
46) Dibromomethane	9.325	93	25357	19.404	ug/l	99
47) Bromodichloromethane	9.514	83	67318	20.387	ug/l	98
48) Methyl methacrylate	9.313	41	19126	19.828	ug/l	97
49) 1,4-Dioxane	9.331	88	5111	348.386	ug/l #	92
51) 4-Methyl-2-Pentanone	10.087	43	120053	104.284	ug/l	98
52) Toluene	10.258	92	120597	20.085	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	56277	19.195	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	69926	19.542	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	34120	19.594	ug/l	96
56) Ethyl methacrylate	10.526	69	39997	20.850	ug/l	94
57) 1,3-Dichloropropane	10.807	76	57423	19.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	94705	94.606	ug/l	98
59) 2-Hexanone	10.849	43	79959	100.359	ug/l	98
60) Dibromochloromethane	10.996	129	43297	19.714	ug/l	99
61) 1,2-Dibromoethane	11.105	107	31098	19.585	ug/l	98
64) Tetrachloroethene	10.734	164	58463	20.625	ug/l	97
65) Chlorobenzene	11.532	112	133117	19.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	44858	19.817	ug/l	99
67) Ethyl Benzene	11.605	91	223857	19.533	ug/l	99
68) m/p-Xylenes	11.715	106	171779	39.524	ug/l	97
69) o-Xylene	12.044	106	79438	23.575	ug/l	98
70) Styrene	12.057	104	134418	23.379	ug/l	100
71) Bromoform	12.221	173	24131	19.232	ug/l #	97
73) Isopropylbenzene	12.343	105	210161	20.839	ug/l	99
74) N-amyl acetate	12.154	43	36701	21.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	34645	19.859	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	44160	33.674	ug/l #	100
77) Bromobenzene	12.623	156	48770	20.304	ug/l	99
78) n-propylbenzene	12.684	91	257488	20.924	ug/l	100
79) 2-Chlorotoluene	12.770	91	140864	20.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	160673	20.414	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	11220	21.845	ug/l	96
82) 4-Chlorotoluene	12.867	91	142519	20.419	ug/l	97
83) tert-Butylbenzene	13.087	119	148050	20.690	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	159430	20.338	ug/l	100
85) sec-Butylbenzene	13.264	105	224808	20.931	ug/l	99
86) p-Isopropyltoluene	13.386	119	181443	20.211	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	94547	19.837	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	93947	20.594	ug/l	99
89) n-Butylbenzene	13.709	91	168848	20.443	ug/l	98
90) Hexachloroethane	13.971	117	37242	20.862	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	79466	20.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4459	18.914	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	42463	19.623	ug/l	99
94) Hexachlorobutadiene	15.123	225	26244	20.006	ug/l	97
95) Naphthalene	15.251	128	63356	20.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	34424	18.833	ug/l	97

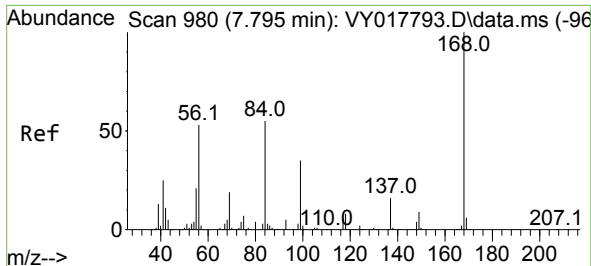
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017826.D
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Operator : SY/MD
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

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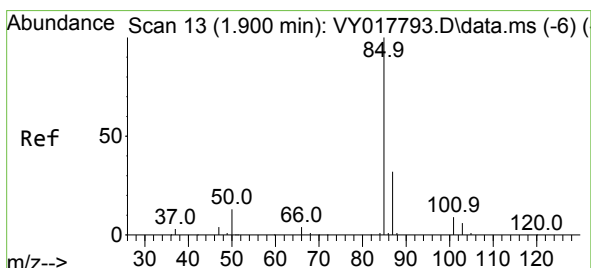
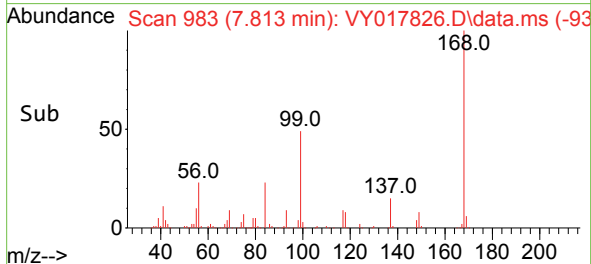
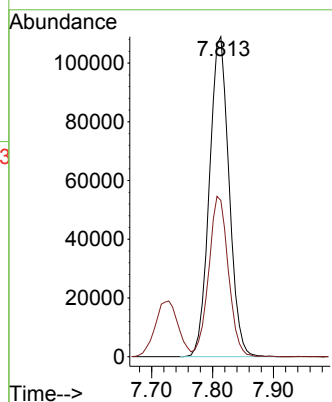
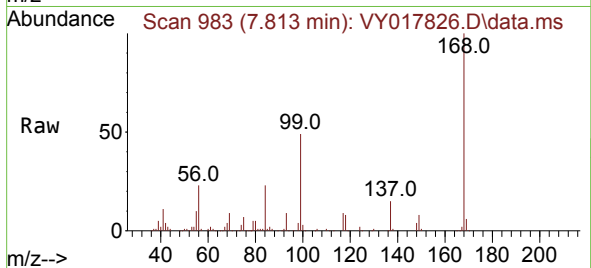
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

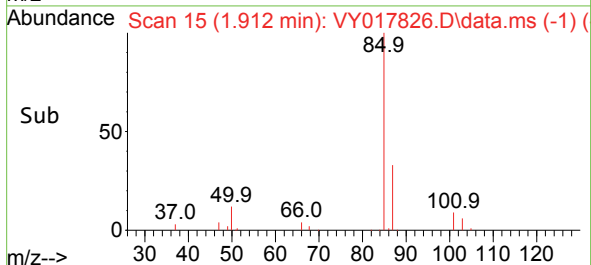
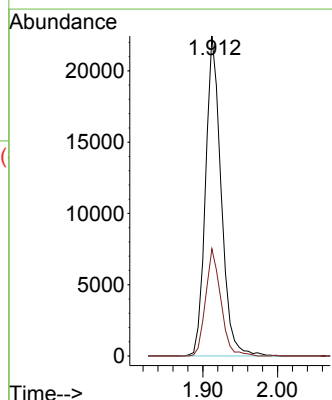
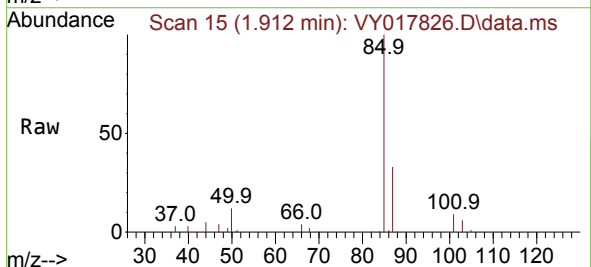
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ClientSampleId :
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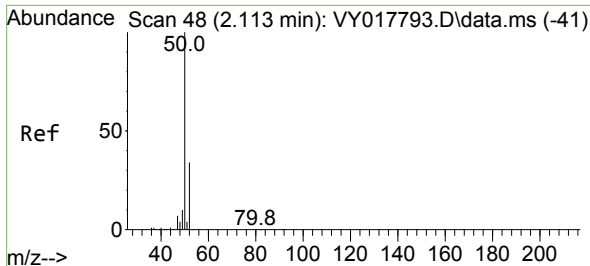
Tgt Ion:168 Resp: 243940
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.940 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 85 Resp: 32530
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0

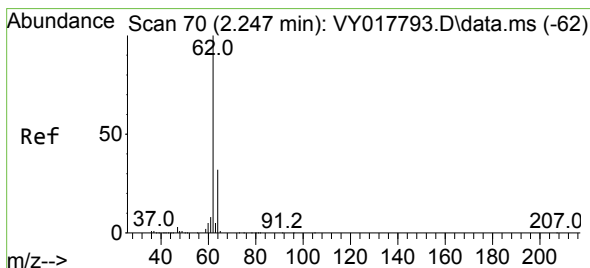
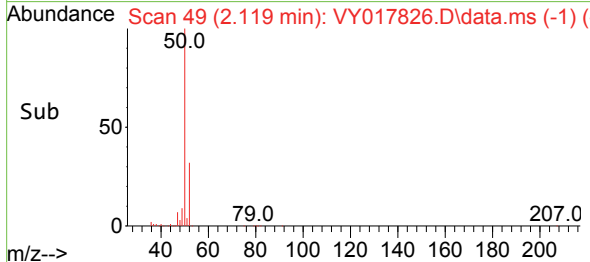
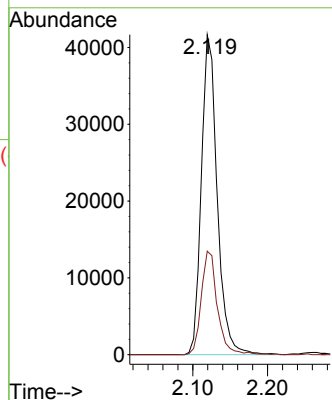
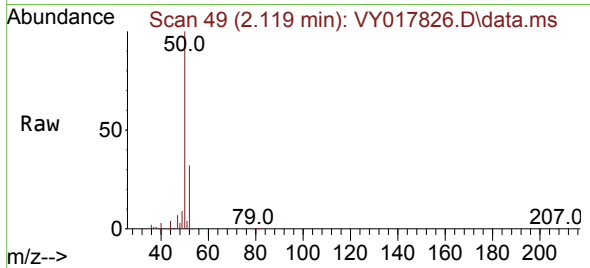




#3
Chloromethane
Concen: 19.226 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

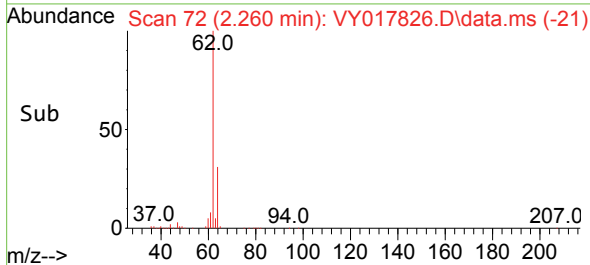
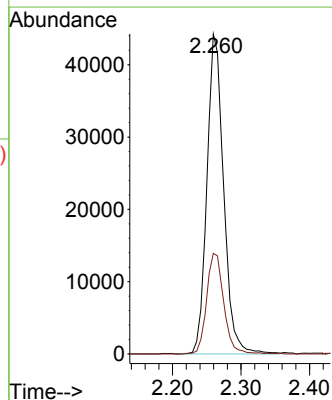
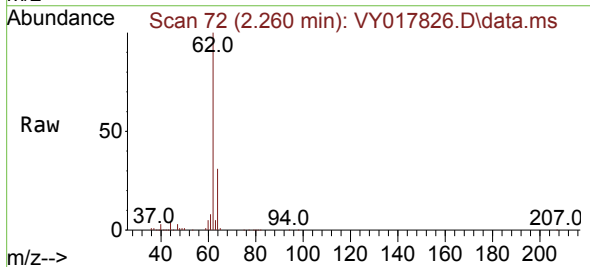
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

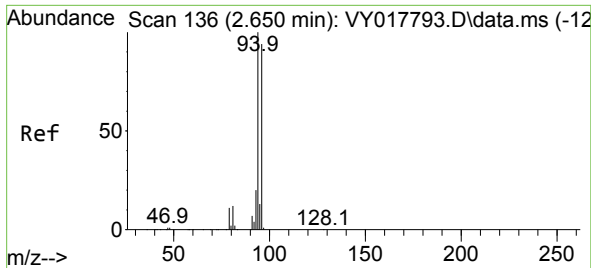
Tgt Ion: 50 Resp: 61215
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 18.088 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 62 Resp: 75269
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1





#5

Bromomethane

Concen: 18.887 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

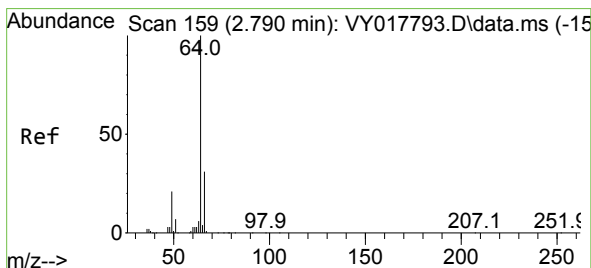
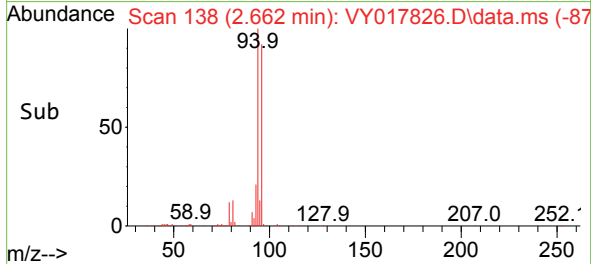
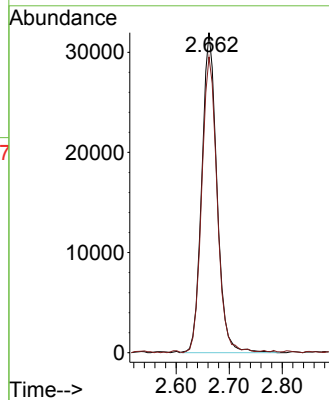
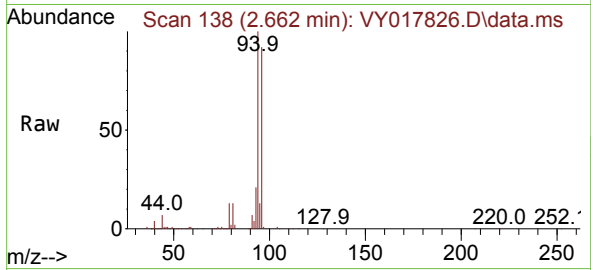
VY0403SBSD01

Tgt Ion: 94 Resp: 63546

Ion Ratio Lower Upper

94 100

96 92.2 74.1 111.1



#6

Chloroethane

Concen: 18.748 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.018 min

Lab File: VY017826.D

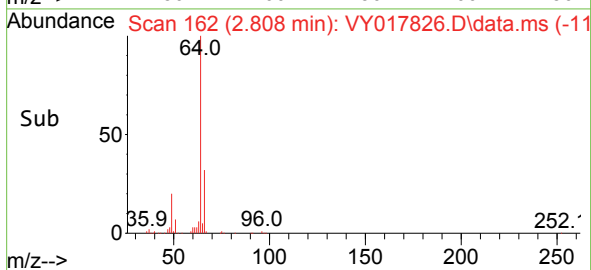
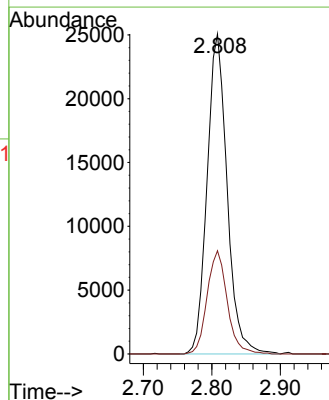
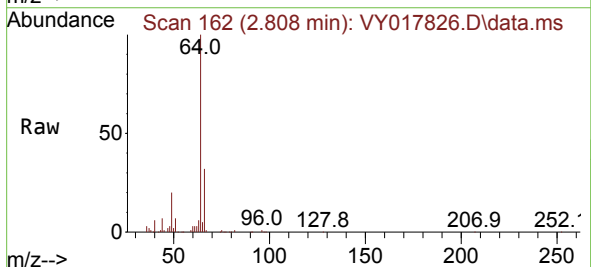
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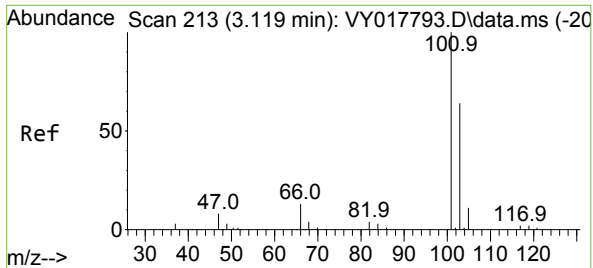
Tgt Ion: 64 Resp: 50899

Ion Ratio Lower Upper

64 100

66 32.2 26.1 39.1

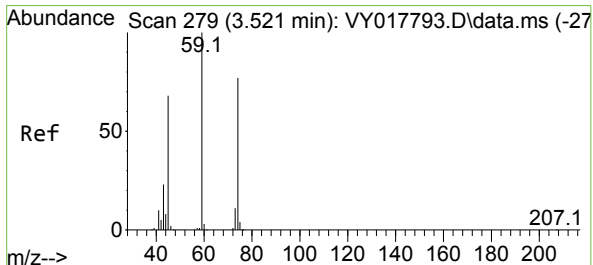
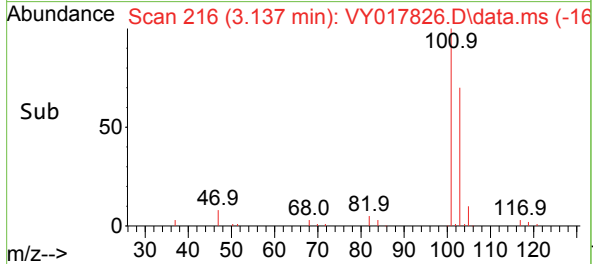
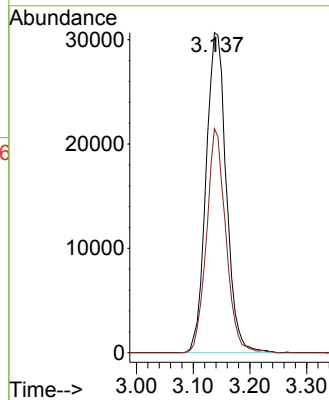
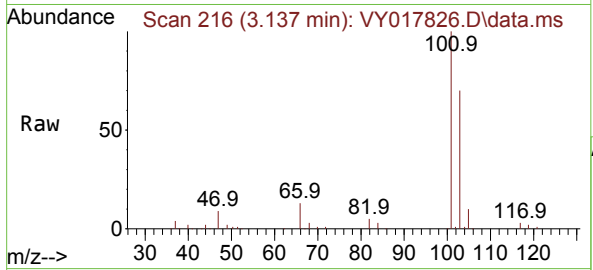




#7
Trichlorofluoromethane
Concen: 18.760 ug/l
RT: 3.137 min Scan# 213
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

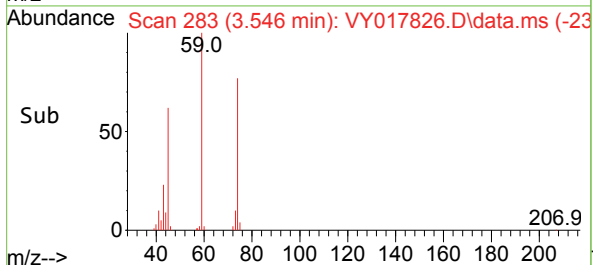
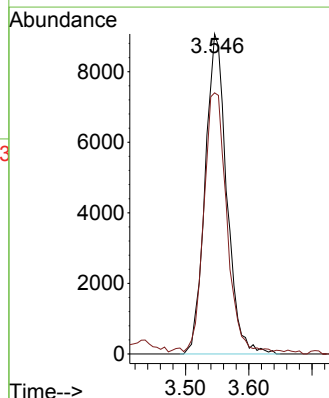
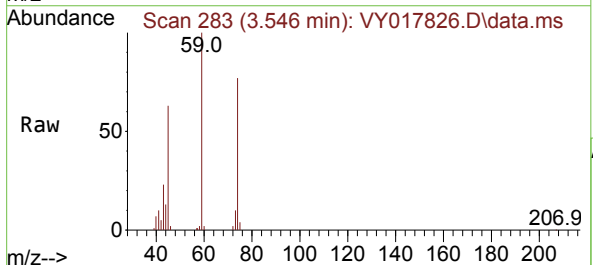
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

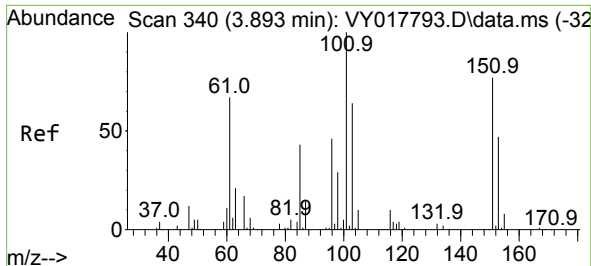
Tgt Ion:101 Resp: 76127
Ion Ratio Lower Upper
101 100
103 70.0 49.3 73.9



#8
Diethyl Ether
Concen: 18.099 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.025 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 74 Resp: 21574
Ion Ratio Lower Upper
74 100
45 85.0 41.3 124.1

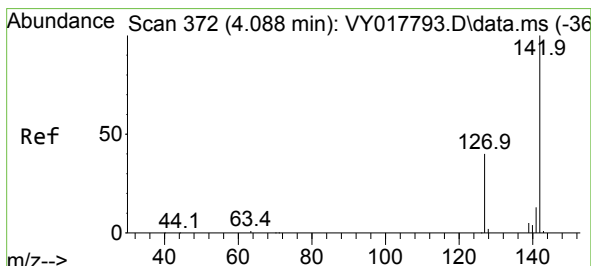
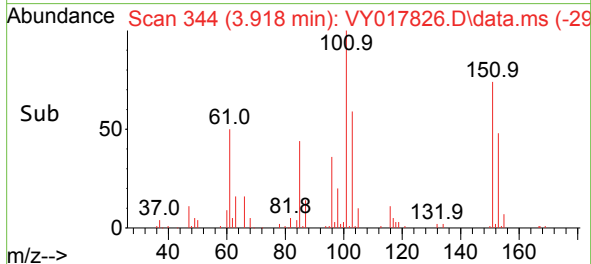
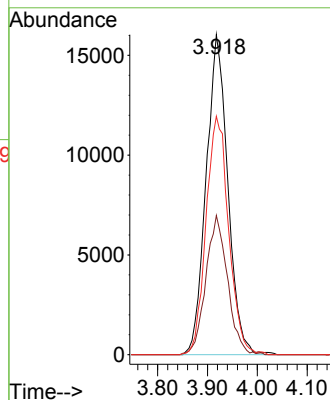
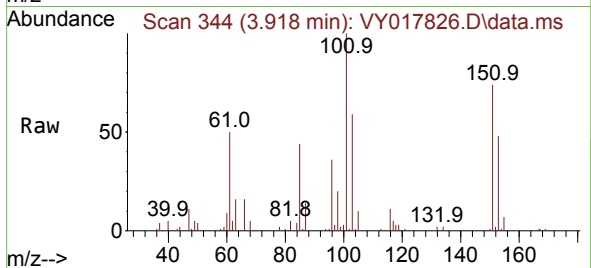




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.899 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.025 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

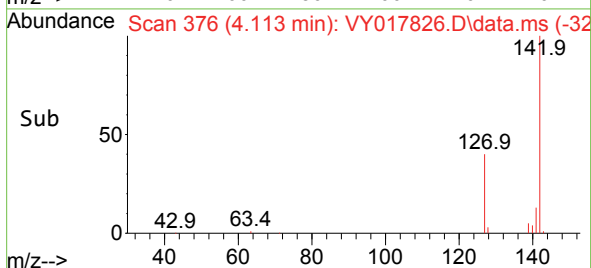
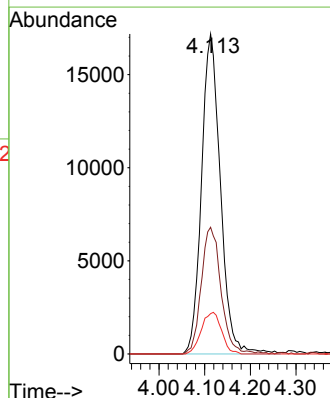
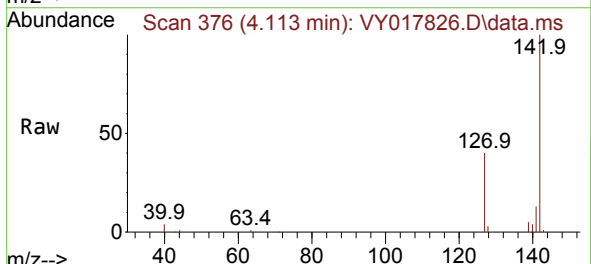
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

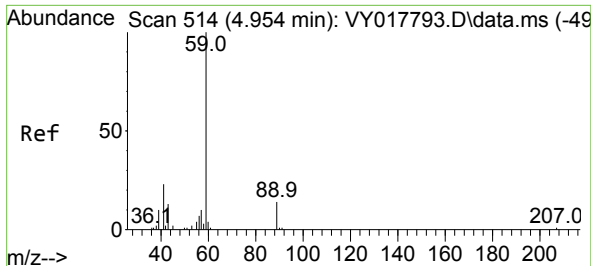
Tgt Ion:101 Resp: 48425
Ion Ratio Lower Upper
101 100
85 43.5 34.5 51.7
151 77.8 61.7 92.5



#10
Methyl Iodide
Concen: 18.659 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion:142 Resp: 49381
Ion Ratio Lower Upper
142 100
127 41.4 32.8 49.2
141 13.9 11.4 17.2

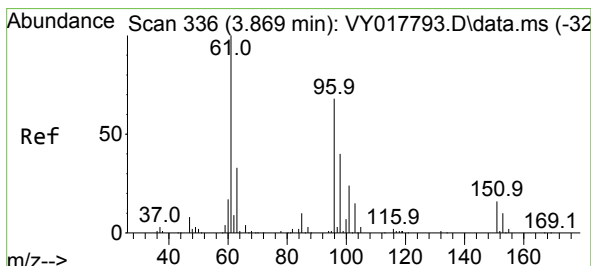
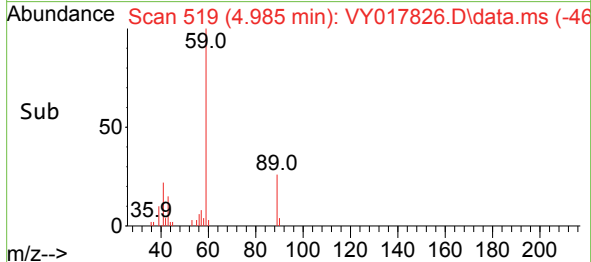
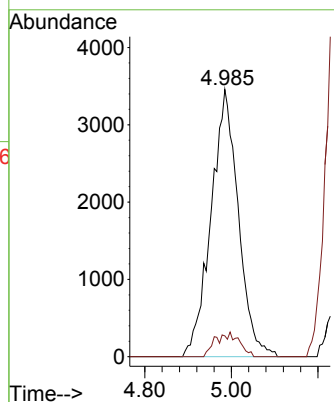
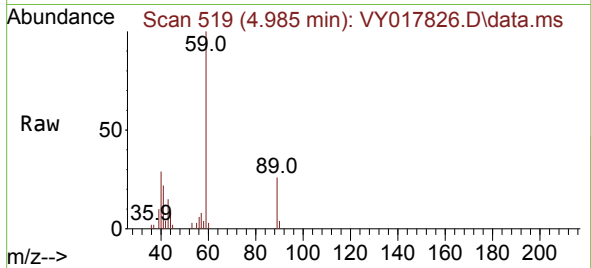




#11
Tert butyl alcohol
Concen: 77.662 ug/l
RT: 4.985 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

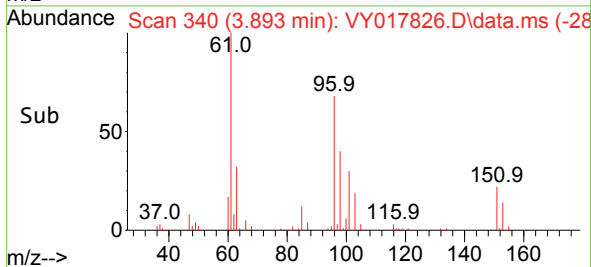
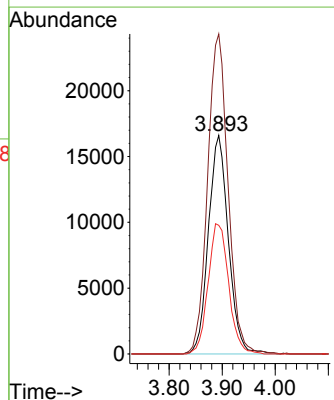
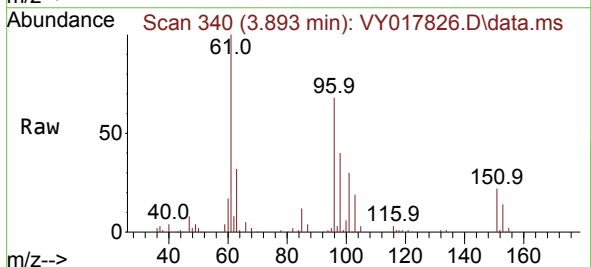
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

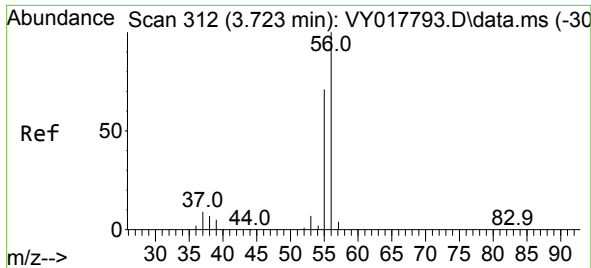
Tgt Ion: 59 Resp: 15199
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.090 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.024 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 96 Resp: 43472
Ion Ratio Lower Upper
96 100
61 146.5 114.6 171.8
98 58.9 50.8 76.2





#13

Acrolein

Concen: 97.863 ug/l

RT: 3.747 min Scan# 312

Delta R.T. 0.025 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

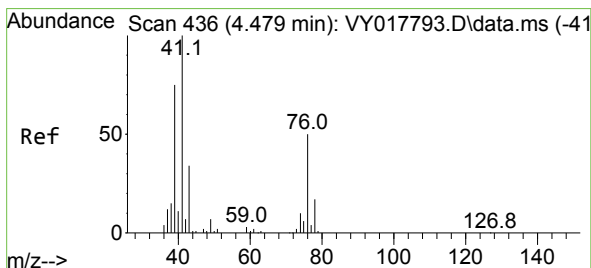
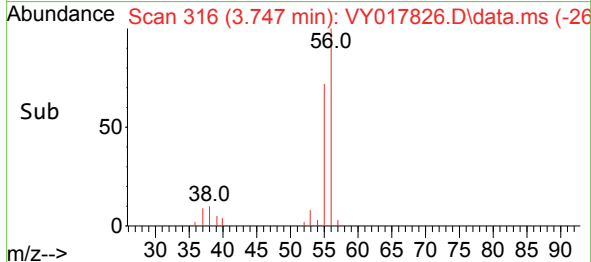
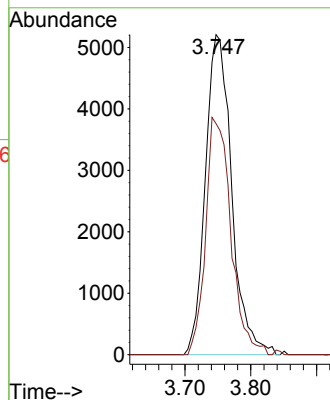
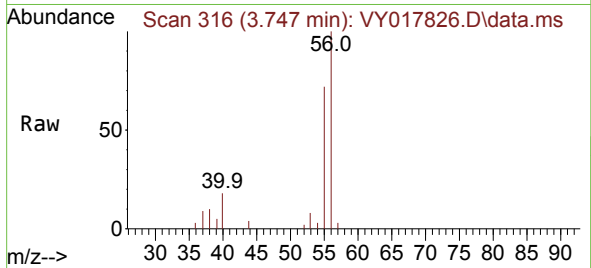
VY0403SBS01

Tgt Ion: 56 Resp: 14473

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 18.948 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.024 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

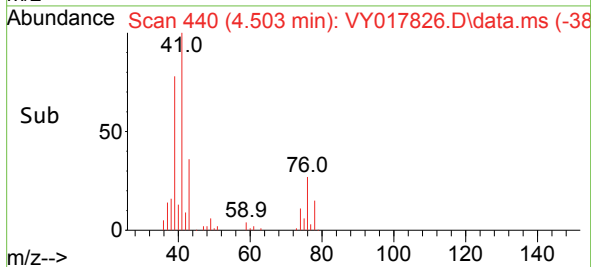
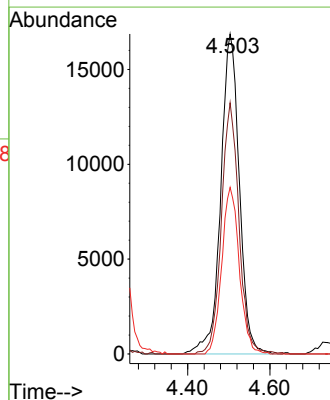
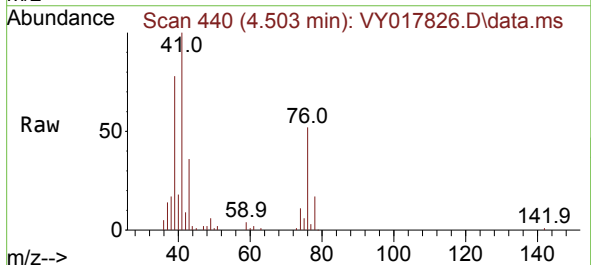
Tgt Ion: 41 Resp: 52937

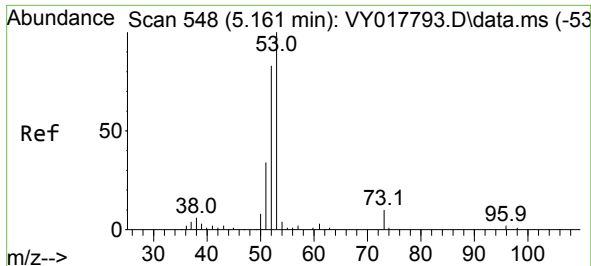
Ion Ratio Lower Upper

41 100

39 73.9 58.3 87.5

76 49.3 39.0 58.6

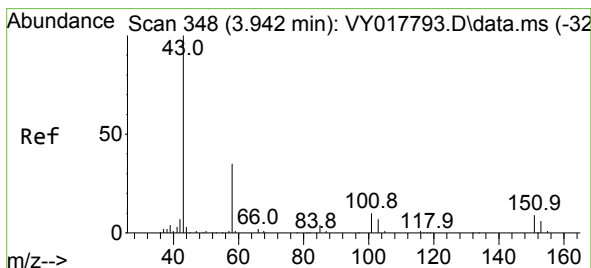
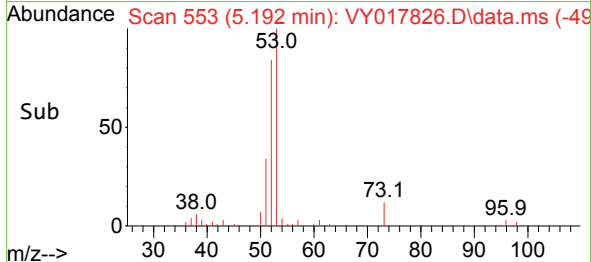
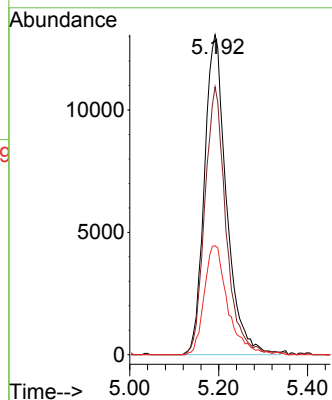
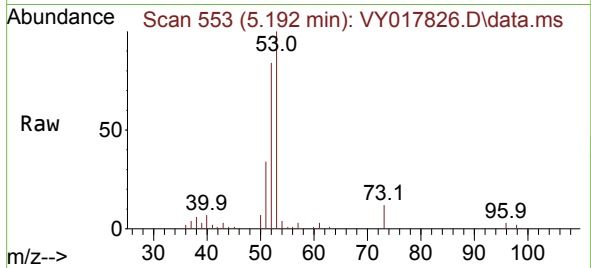




#15
Acrylonitrile
Concen: 89.931 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

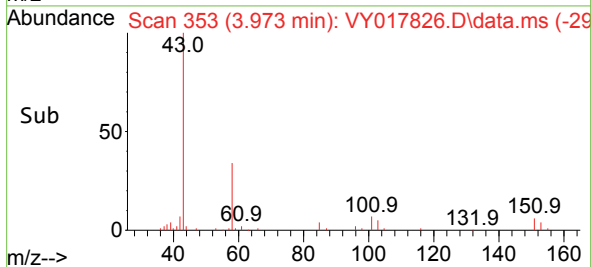
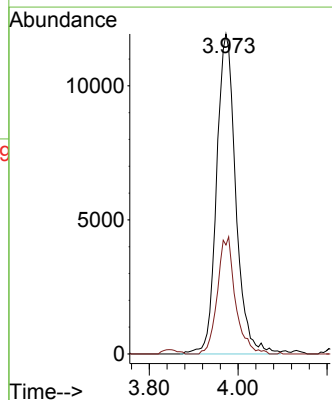
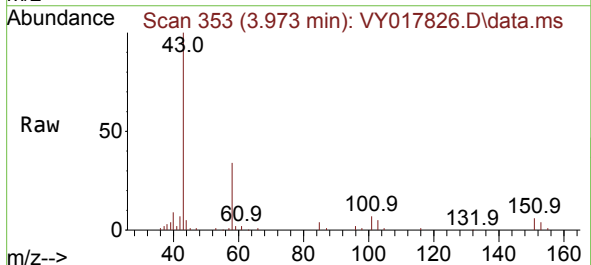
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

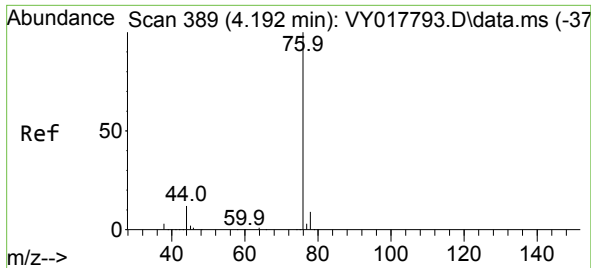
Tgt Ion: 53	Resp: 45250
Ion Ratio	Lower Upper
53 100	
52 79.9	64.7 97.1
51 36.2	28.4 42.6



#16
Acetone
Concen: 81.776 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 43	Resp: 35682
Ion Ratio	Lower Upper
43 100	
58 33.6	31.7 47.5

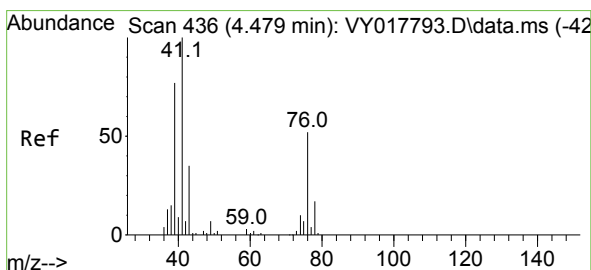
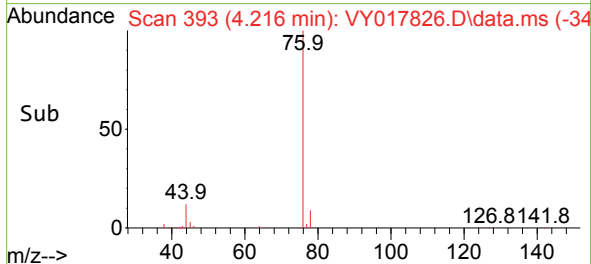
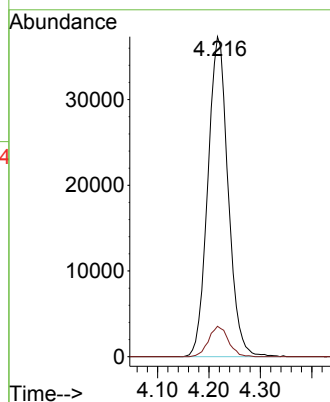
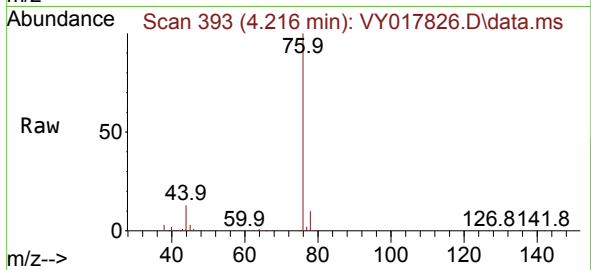




#17
Carbon Disulfide
Concen: 15.882 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.024 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

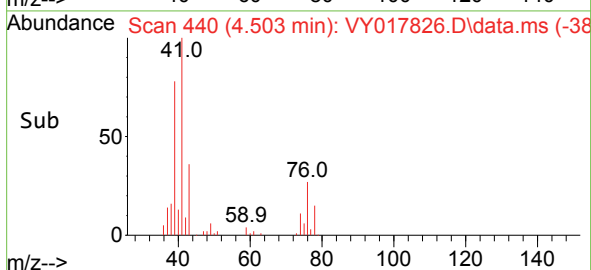
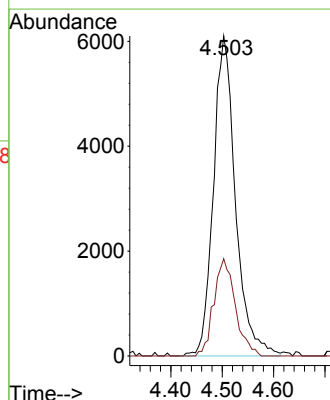
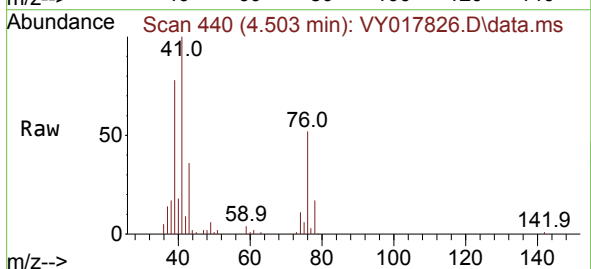
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

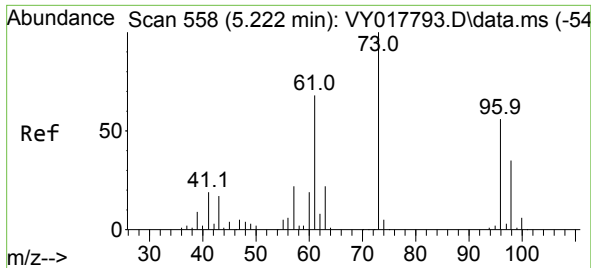
Tgt Ion: 76 Resp: 102353
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 18.828 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.024 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 43 Resp: 18197
Ion Ratio Lower Upper
43 100
74 29.6 23.3 34.9

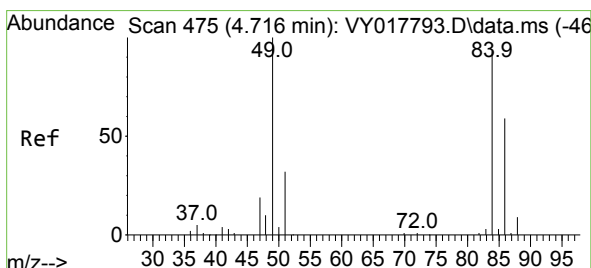
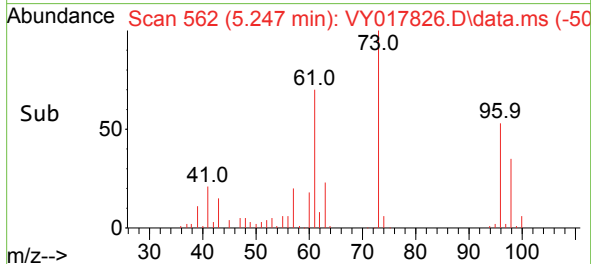
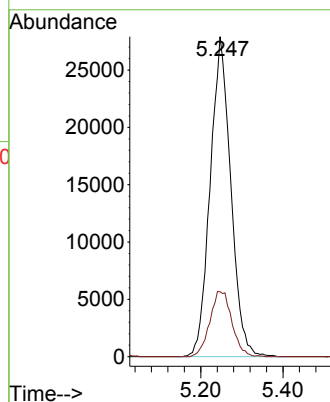
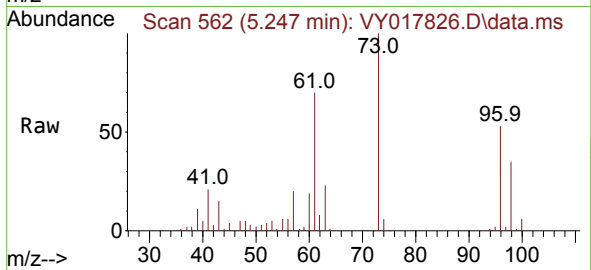




#19
Methyl tert-butyl Ether
Concen: 18.607 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

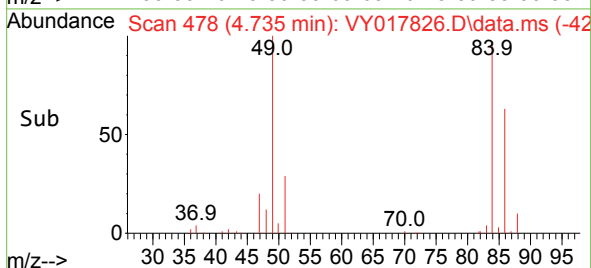
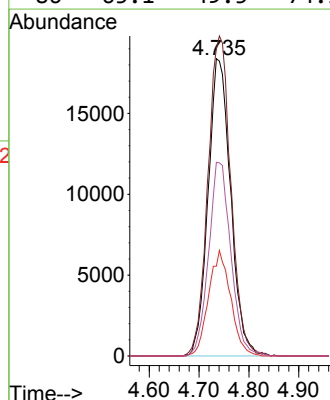
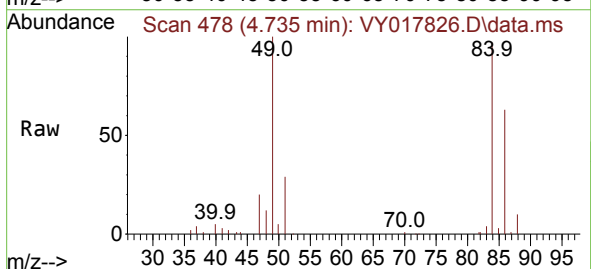
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

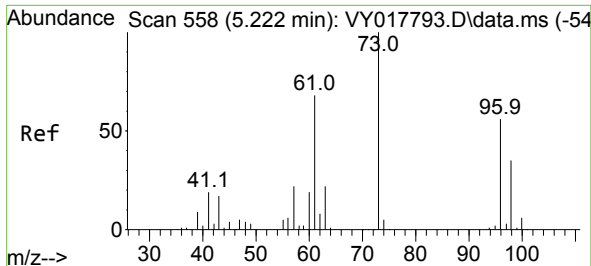
Tgt Ion: 73 Resp: 97021
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 19.975 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 84 Resp: 57673
Ion Ratio Lower Upper
84 100
49 103.4 84.4 126.6
51 30.2 26.0 39.0
86 65.1 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.563 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.024 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

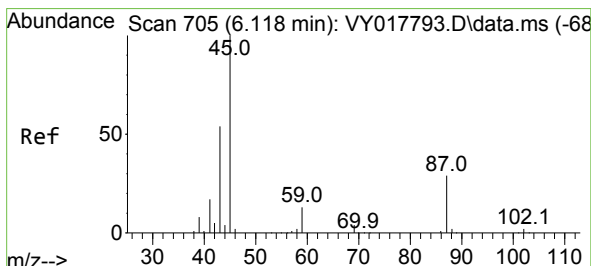
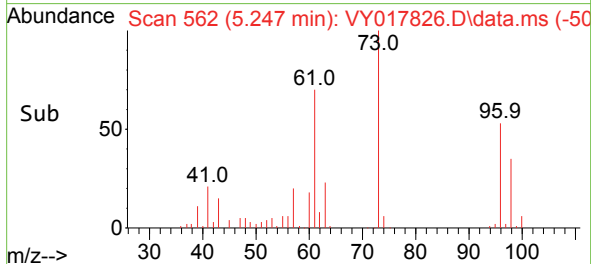
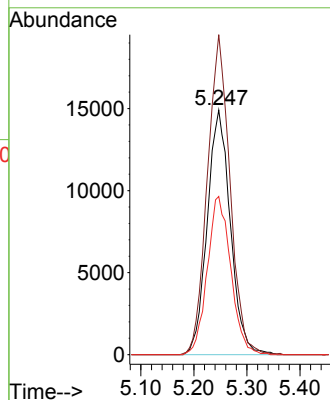
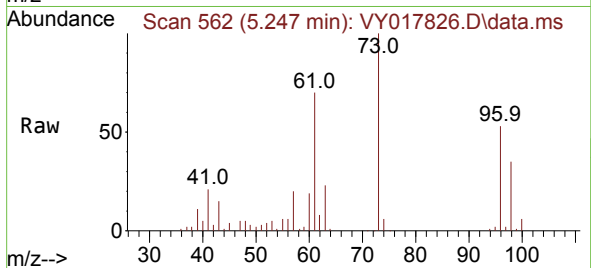
Tgt Ion: 96 Resp: 45236

Ion Ratio Lower Upper

96 100

61 130.8 97.5 146.3

98 64.7 50.5 75.7



#22

Diisopropyl ether

Concen: 20.266 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.024 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Tgt Ion: 45 Resp: 130866

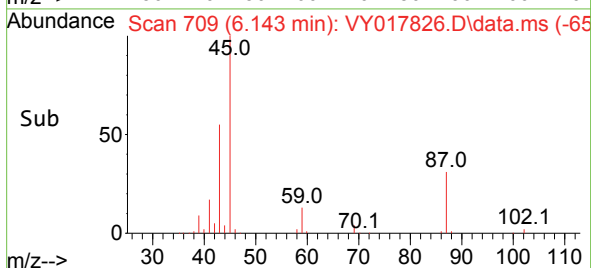
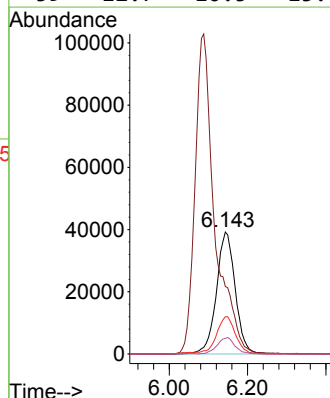
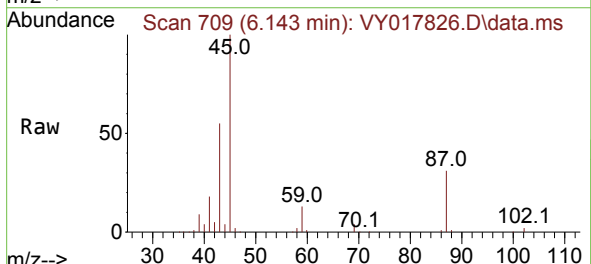
Ion Ratio Lower Upper

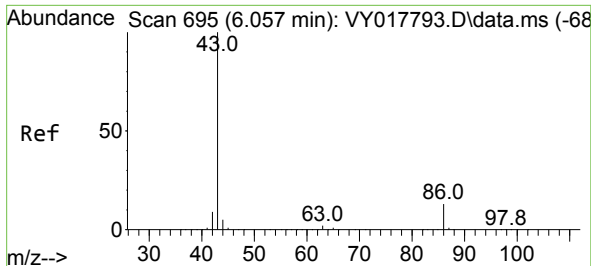
45 100

43 54.9 42.2 63.2

87 30.6 25.0 37.6

59 12.7 10.5 15.7





#23

Vinyl Acetate

Concen: 91.427 ug/l

RT: 6.088 min Scan# 70

Delta R.T. 0.031 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

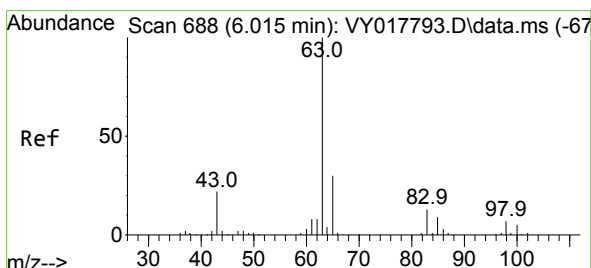
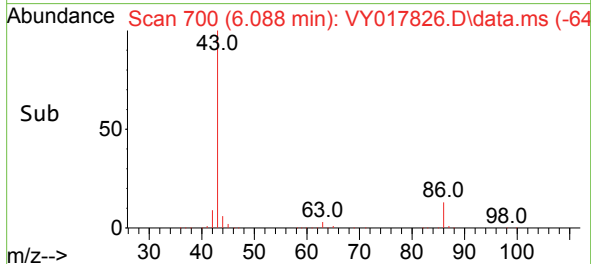
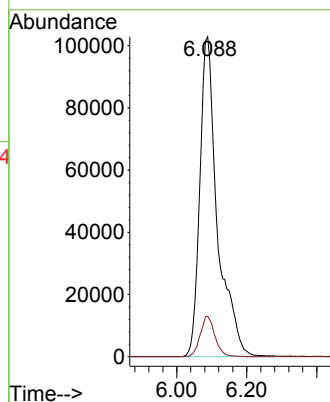
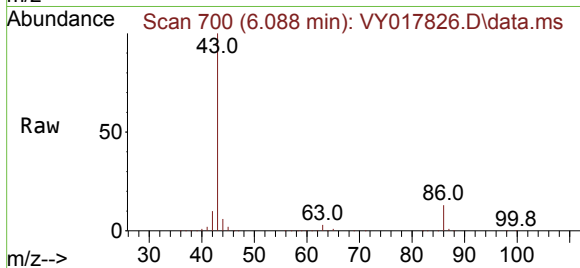
VY0403SBS01

Tgt Ion: 43 Resp: 360457

Ion Ratio Lower Upper

43 100

86 12.7 10.6 16.0



#24

1,1-Dichloroethane

Concen: 20.223 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.031 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

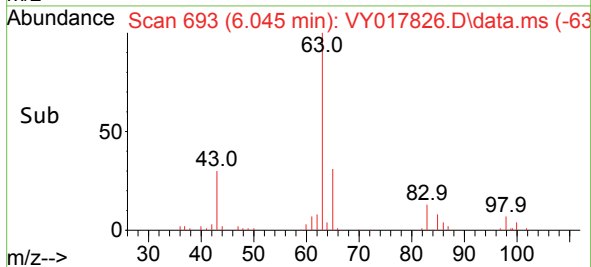
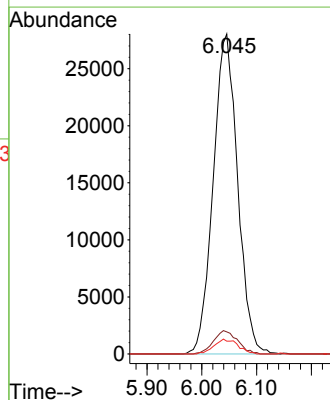
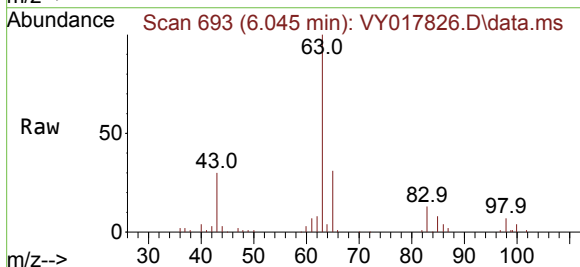
Tgt Ion: 63 Resp: 86673

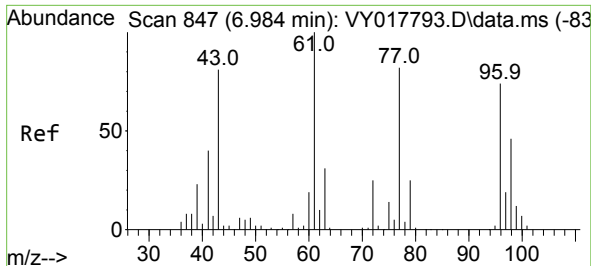
Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.2

100 4.0 2.6 8.0





#25

2-Butanone

Concen: 84.896 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.031 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

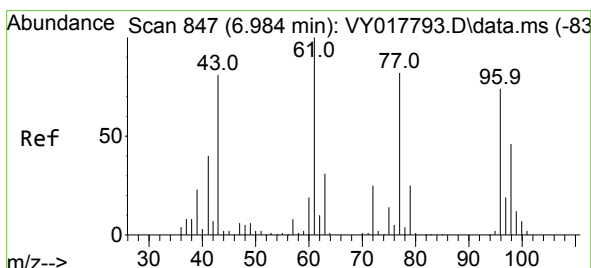
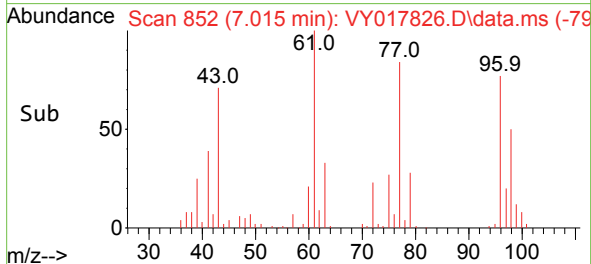
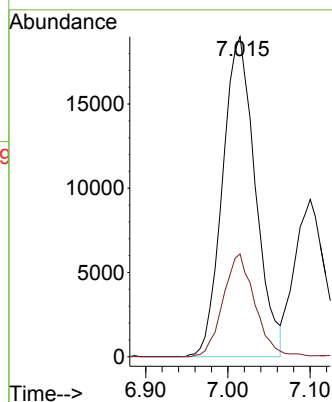
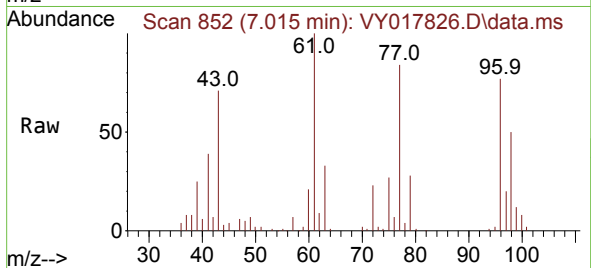
VY0403SBS01

Tgt Ion: 43 Resp: 52771

Ion Ratio Lower Upper

43 100

72 32.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.890 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.025 min

Lab File: VY017826.D

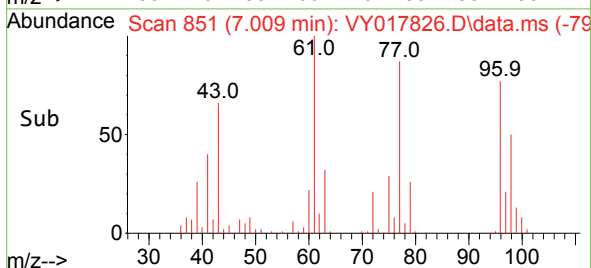
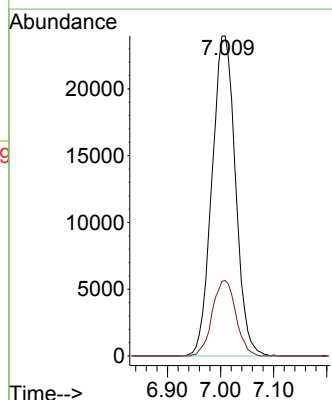
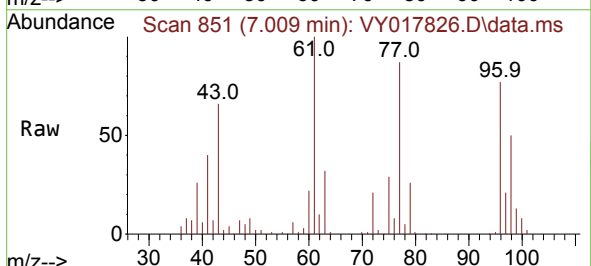
Acq: 03 Apr 2024 10:54

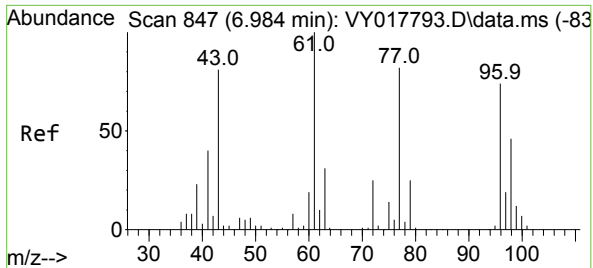
Tgt Ion: 77 Resp: 73630

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1

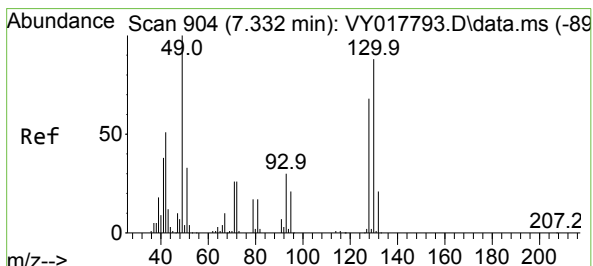
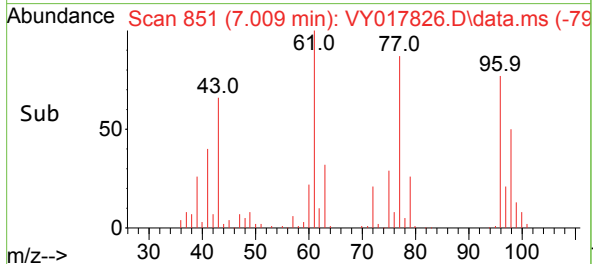
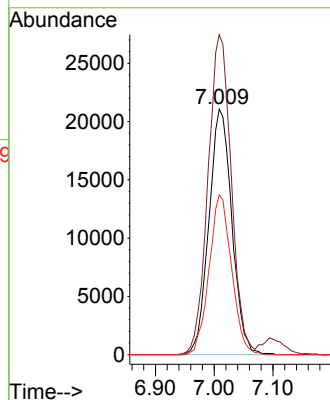
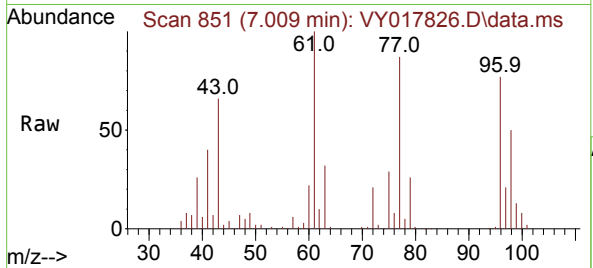




#27
 cis-1,2-Dichloroethene
 Concen: 19.906 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.025 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

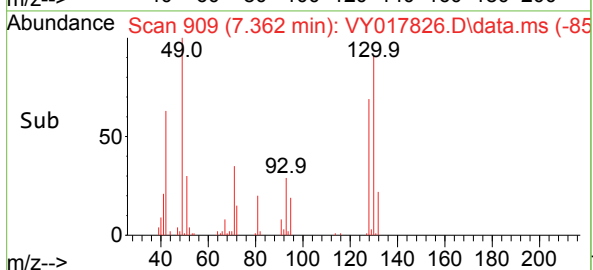
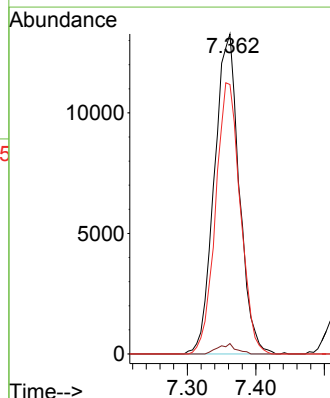
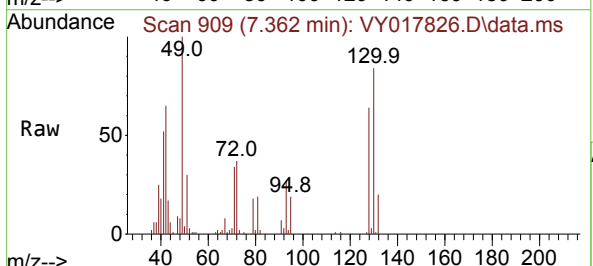
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBSD01

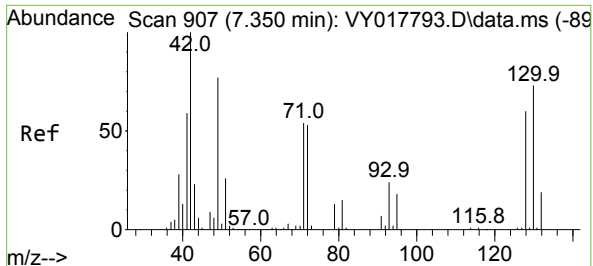
Tgt Ion: 96 Resp: 57330
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 256.2
 98 63.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.168 ug/l
 RT: 7.362 min Scan# 909
 Delta R.T. 0.031 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

Tgt Ion: 49 Resp: 33408
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 84.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 84.445 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

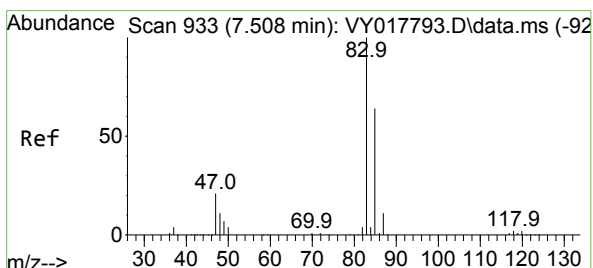
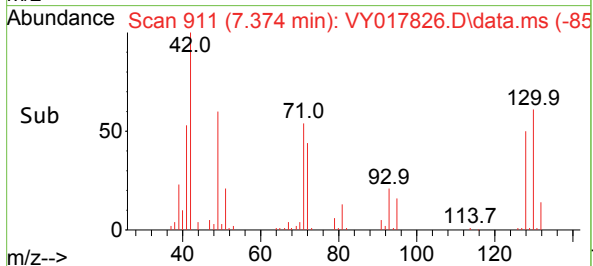
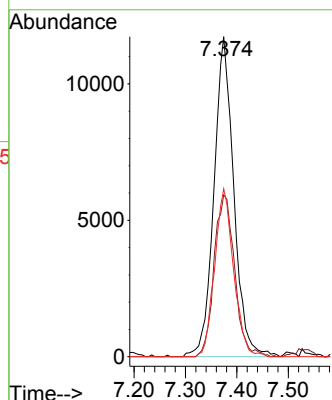
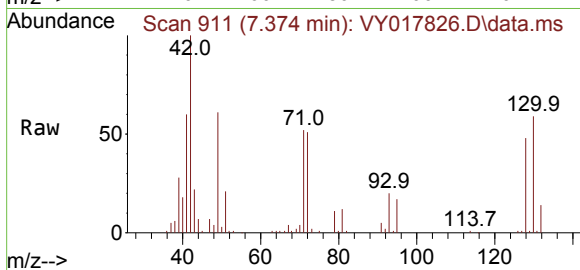
Tgt Ion: 42 Resp: 31496

Ion Ratio Lower Upper

42 100

72 52.2 43.0 64.4

71 50.2 40.8 61.2



#30

Chloroform

Concen: 20.428 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.024 min

Lab File: VY017826.D

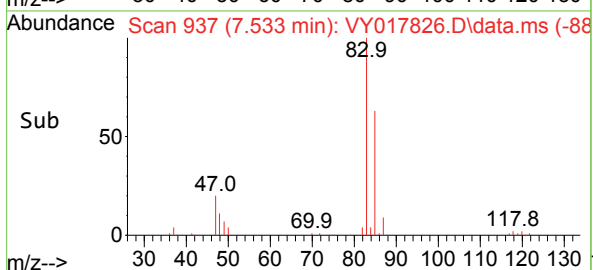
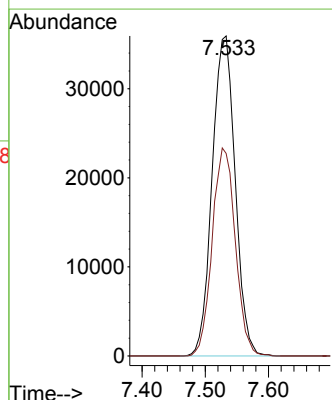
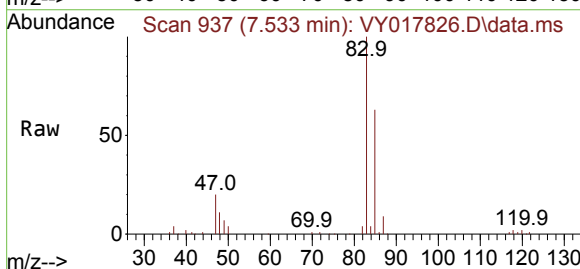
Acq: 03 Apr 2024 10:54

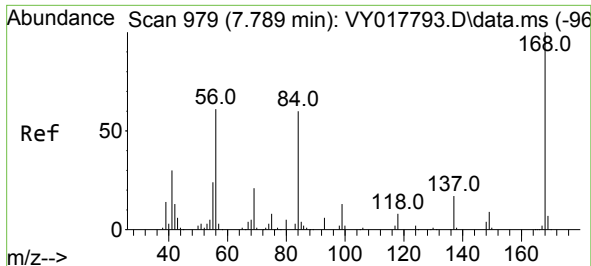
Tgt Ion: 83 Resp: 90841

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

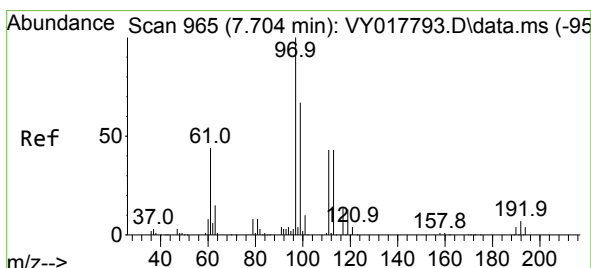
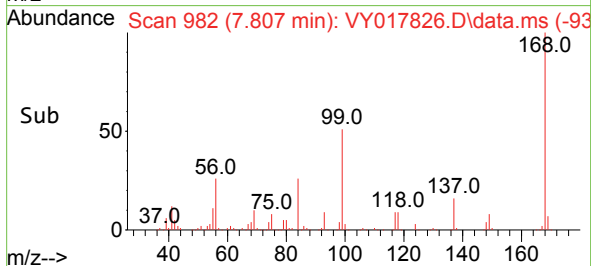
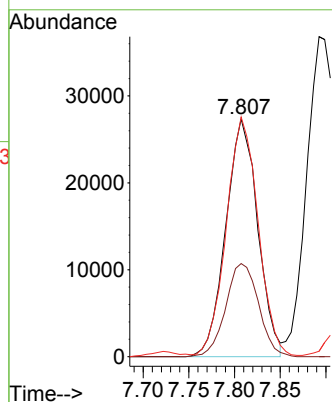
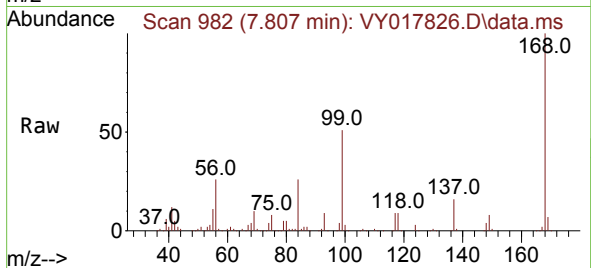




#31
Cyclohexane
Concen: 17.861 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

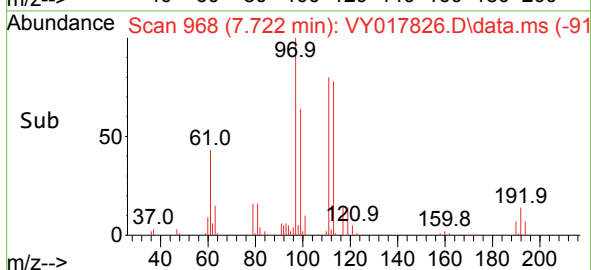
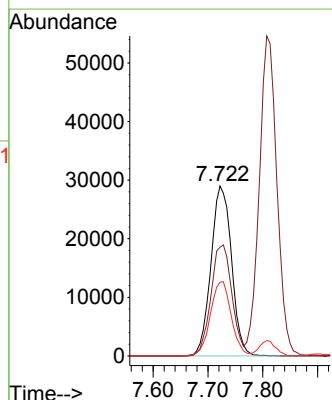
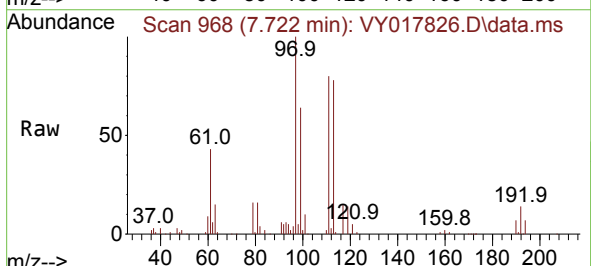
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

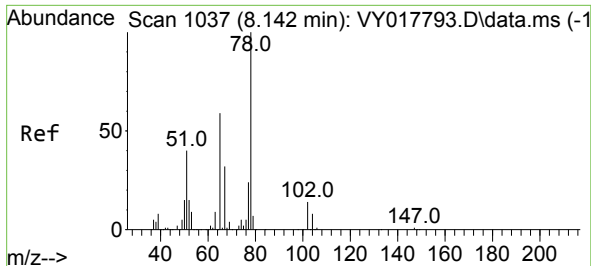
Tgt Ion: 56 Resp: 66419
Ion Ratio Lower Upper
56 100
69 39.2 28.7 43.1
84 99.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.973 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 97 Resp: 75595
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 44.2 32.6 48.8

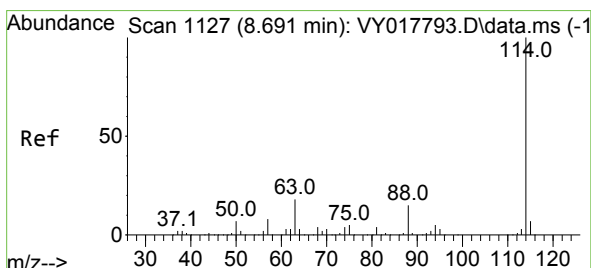
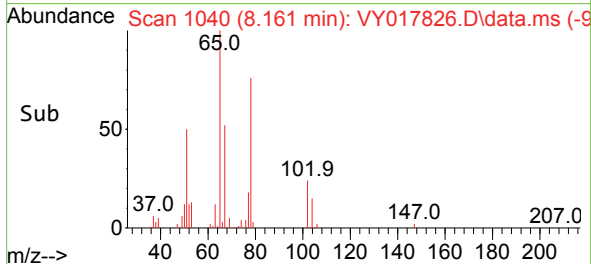
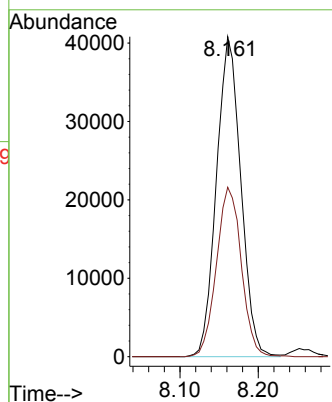
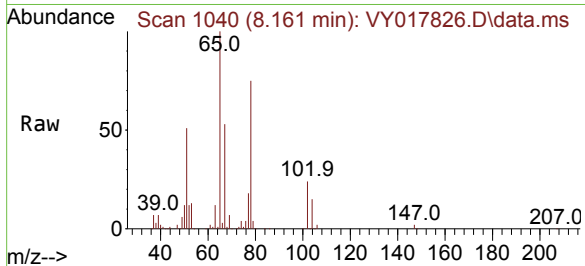




#33
1,2-Dichloroethane-d4
Concen: 41.815 ug/l
RT: 8.161 min Scan# 1130
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

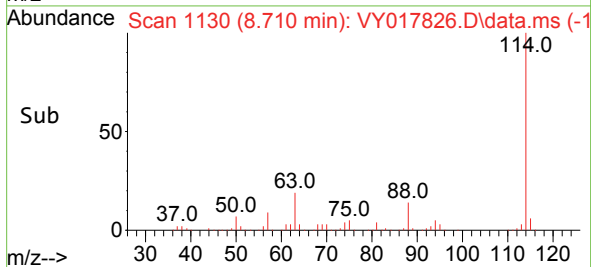
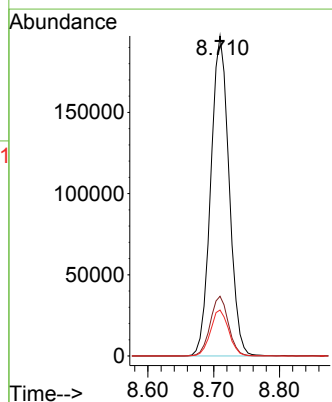
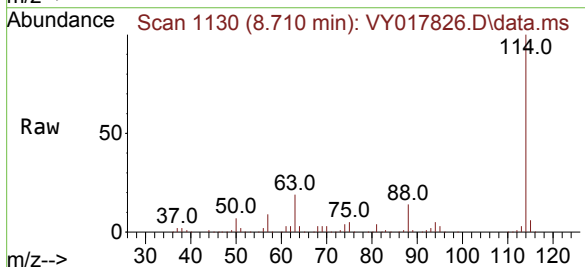
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

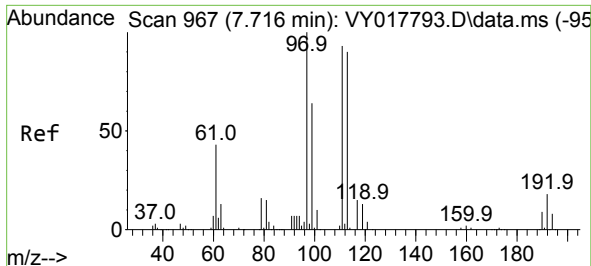
Tgt Ion: 65 Resp: 88267
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 114 Resp: 380974
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.0
88 14.3 0.0 27.2

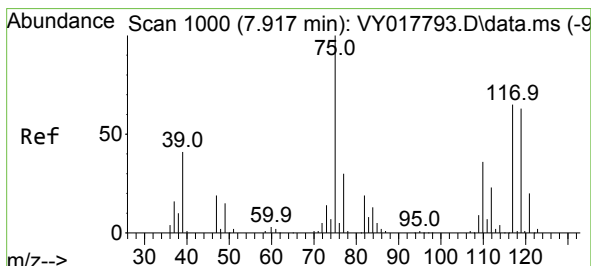
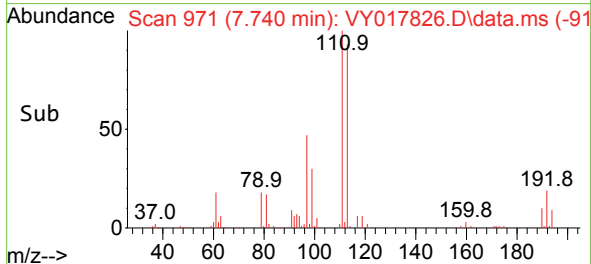
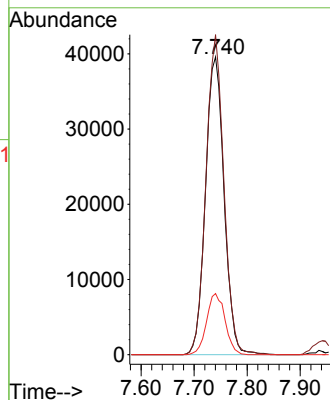
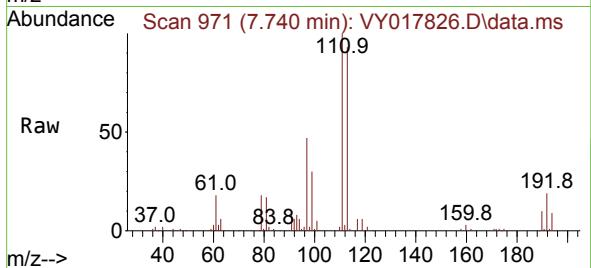




#35
Dibromofluoromethane
Concen: 43.732 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

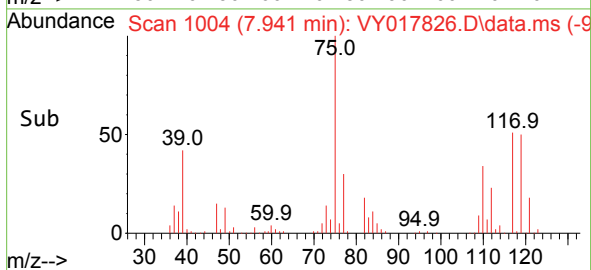
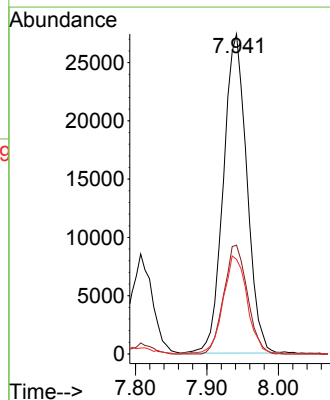
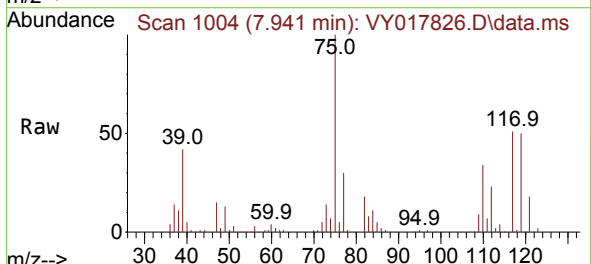
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

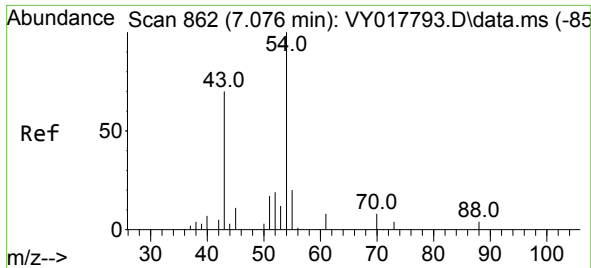
Tgt Ion:113 Resp: 96273
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.415 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.024 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 75 Resp: 62361
Ion Ratio Lower Upper
75 100
110 34.4 19.0 57.0
77 31.7 25.3 37.9

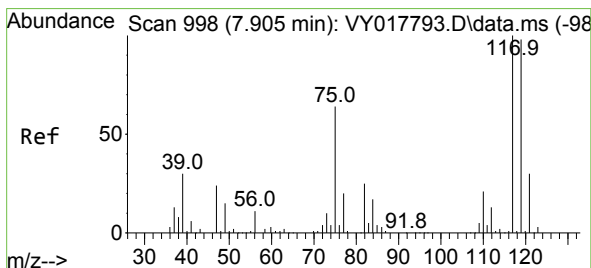
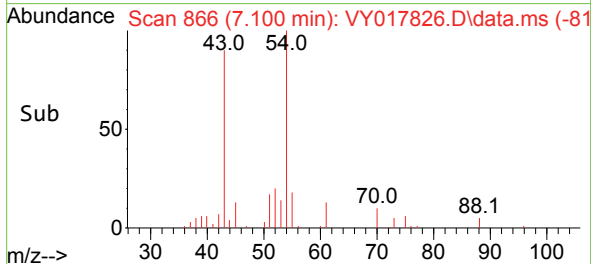
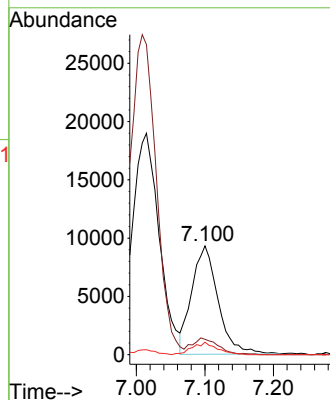
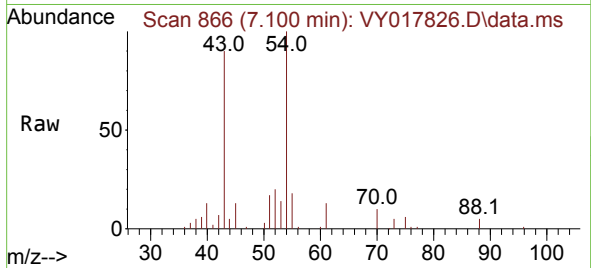




#37
Ethyl Acetate
Concen: 17.910 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.025 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

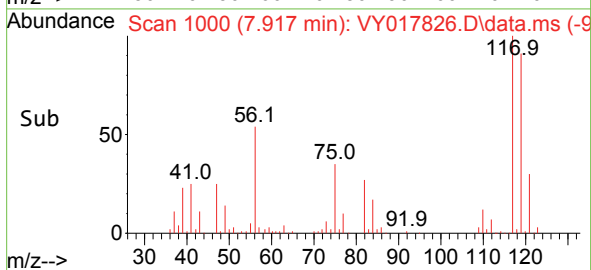
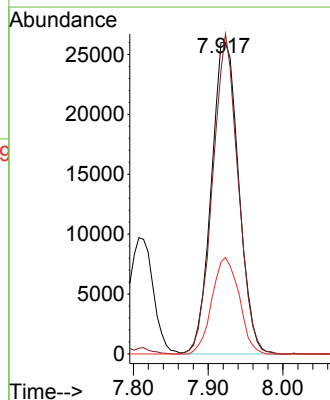
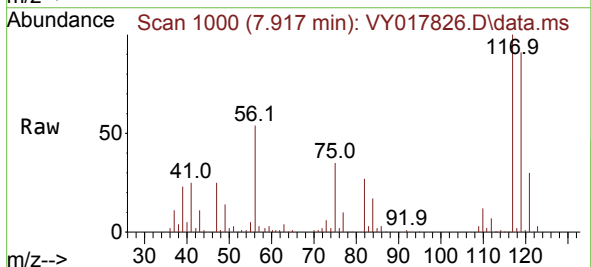
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

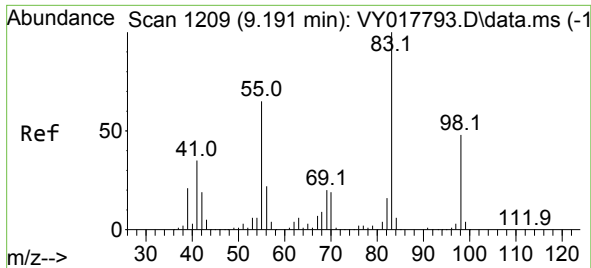
Tgt Ion: 43 Resp: 24826
Ion Ratio Lower Upper
43 100
61 15.3 12.6 19.0
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.903 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 117 Resp: 66367
Ion Ratio Lower Upper
117 100
119 91.1 75.8 113.6
121 29.5 24.0 36.0

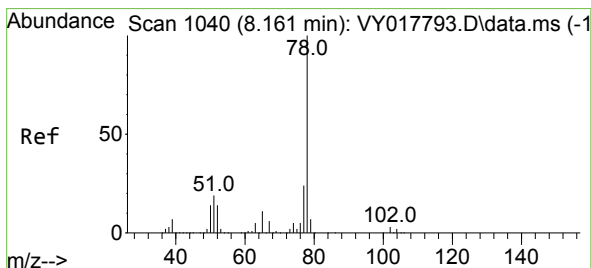
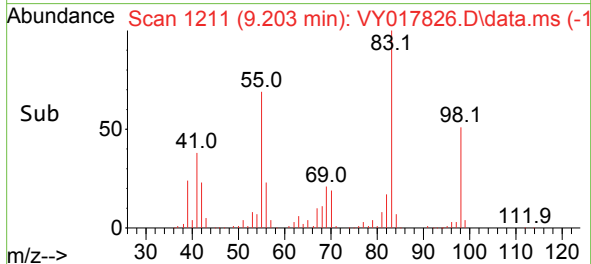
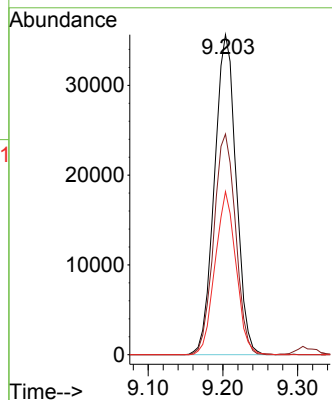
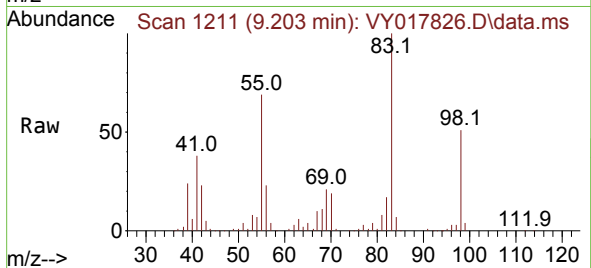




#39
Methylcyclohexane
Concen: 17.857 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

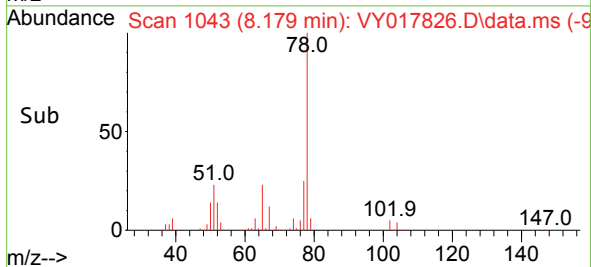
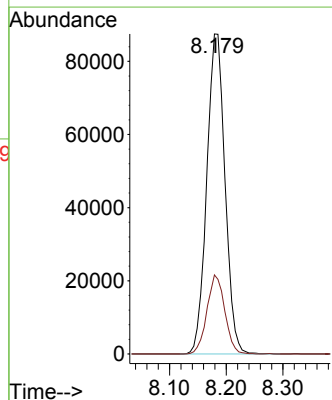
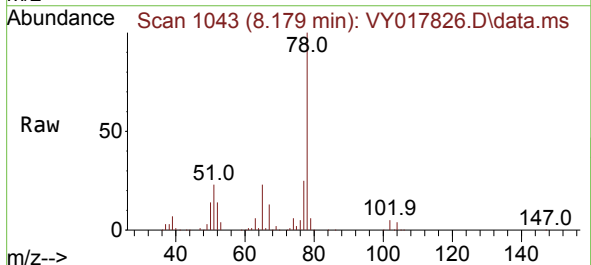
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

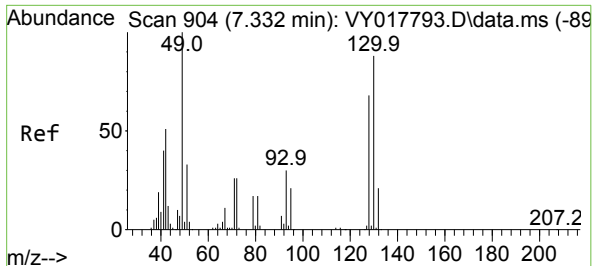
Tgt Ion: 83 Resp: 71645
Ion Ratio Lower Upper
83 100
55 69.0 51.5 77.3
98 50.9 40.5 60.7



#40
Benzene
Concen: 19.753 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 78 Resp: 195538
Ion Ratio Lower Upper
78 100
77 24.7 19.5 29.3

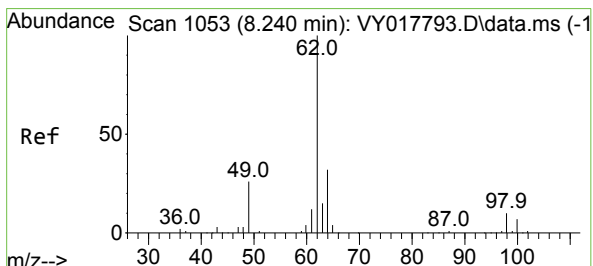
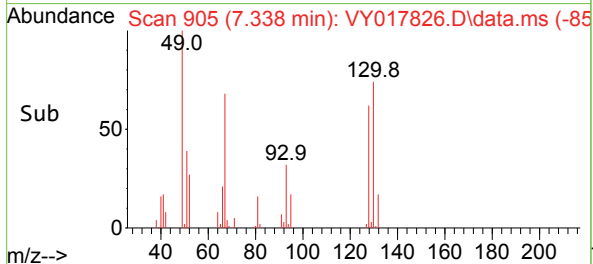
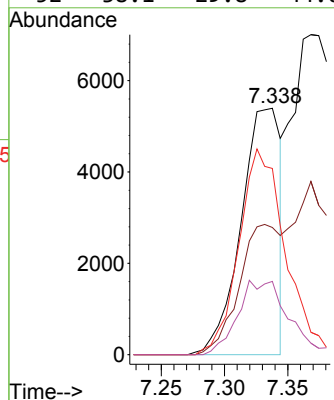
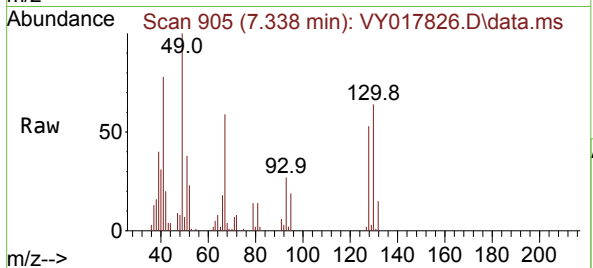




#41
Methacrylonitrile
Concen: 16.836 ug/l
RT: 7.338 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

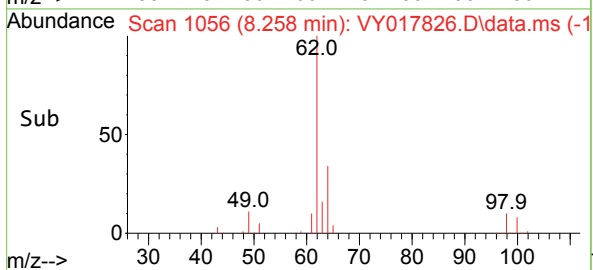
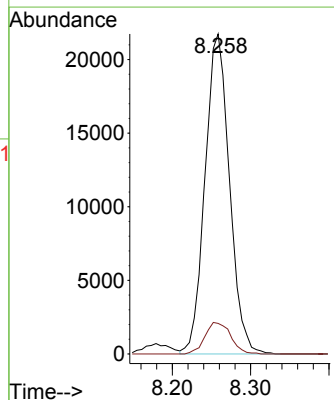
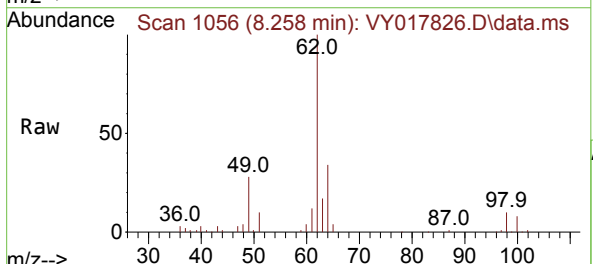
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

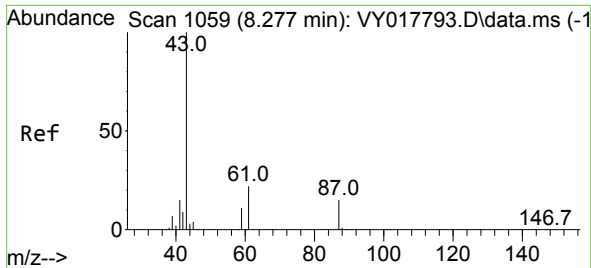
Tgt Ion: 41 Resp: 11745
Ion Ratio Lower Upper
41 100
39 54.8 48.0 72.0
67 98.5 75.1 112.7
52 38.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 19.336 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 62 Resp: 47110
Ion Ratio Lower Upper
62 100
98 10.4 0.0 22.0

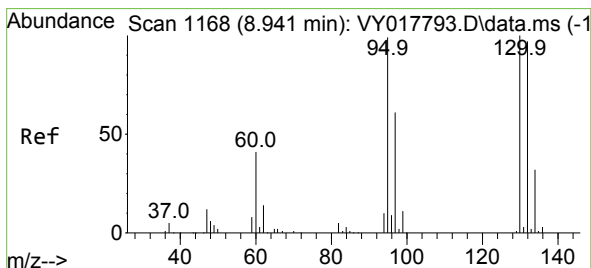
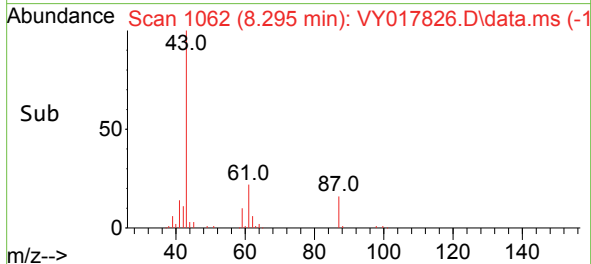
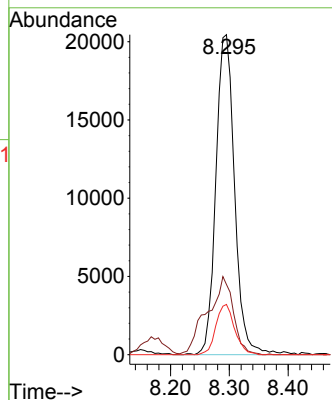
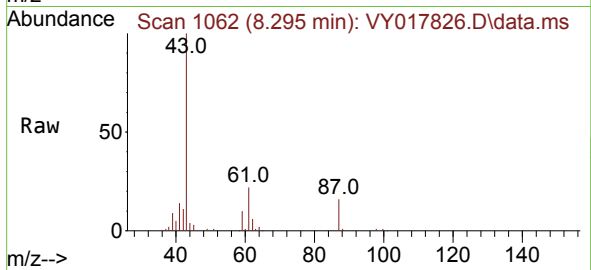




#43
Isopropyl Acetate
Concen: 17.940 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

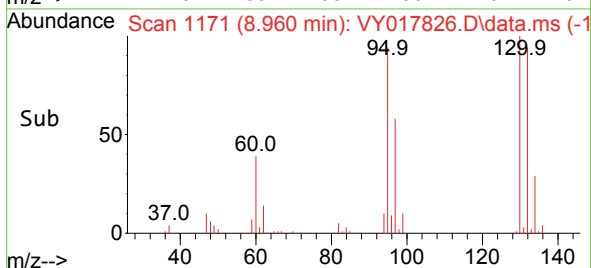
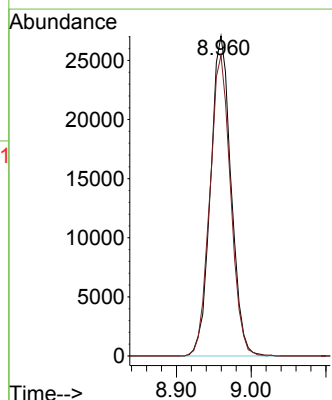
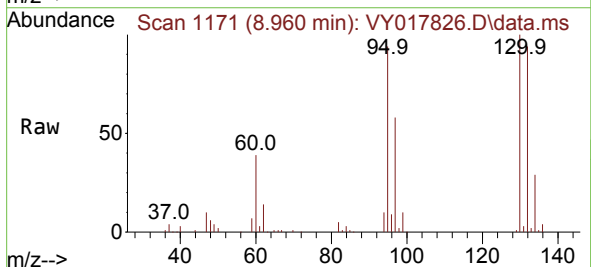
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

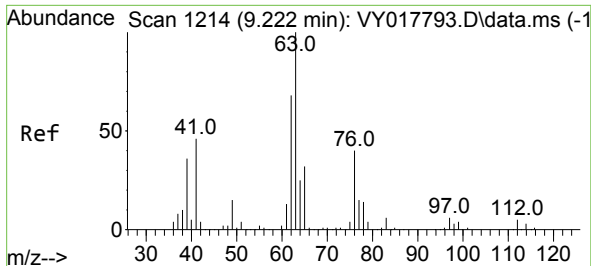
Tgt Ion: 43 Resp: 45129
Ion Ratio Lower Upper
43 100
61 33.9 27.9 41.9
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 20.037 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 130 Resp: 51605
Ion Ratio Lower Upper
130 100
95 93.9 0.0 188.0

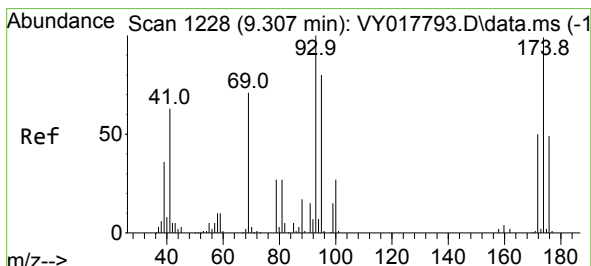
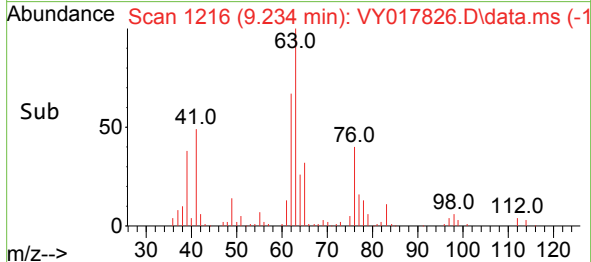
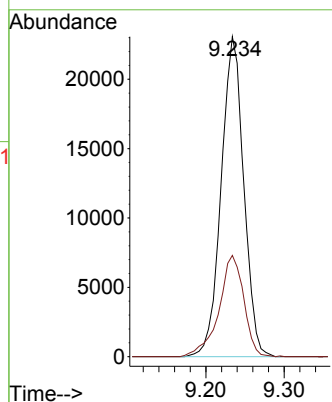
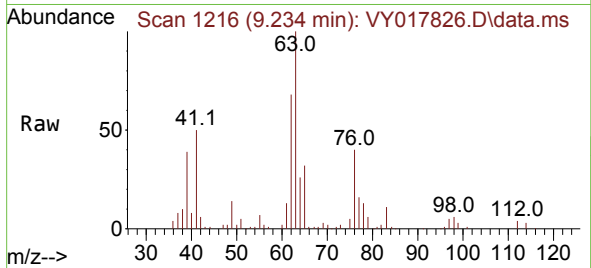




#45
1,2-Dichloropropane
Concen: 20.081 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

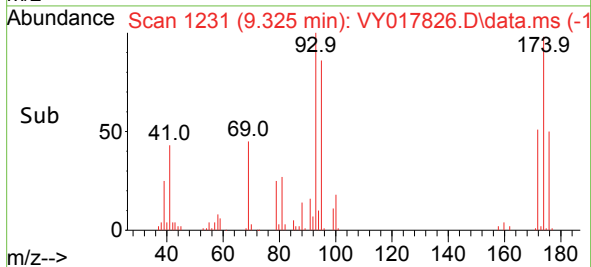
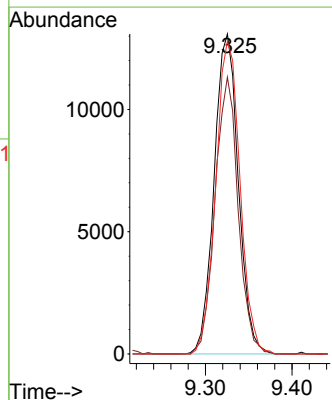
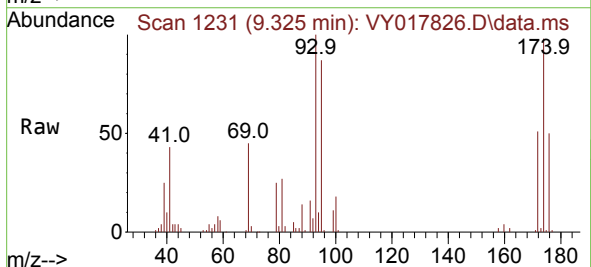
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

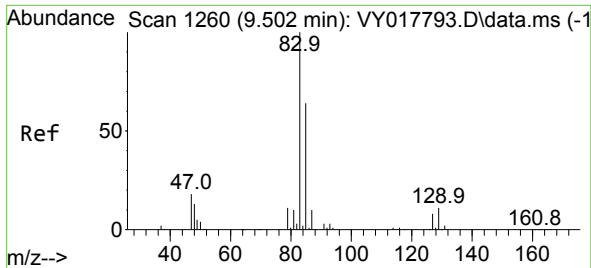
Tgt Ion: 63 Resp: 46191
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.2



#46
Dibromomethane
Concen: 19.404 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 93 Resp: 25357
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 98.4 80.9 121.3

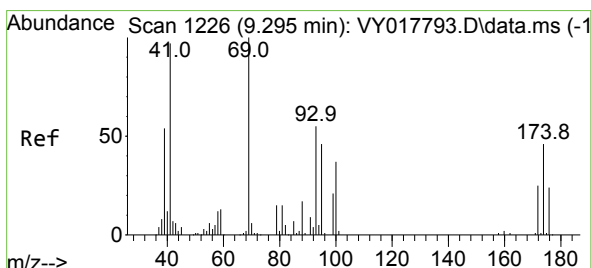
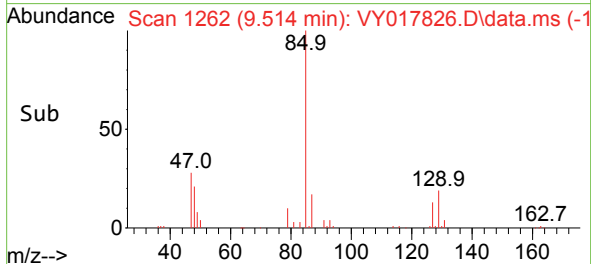
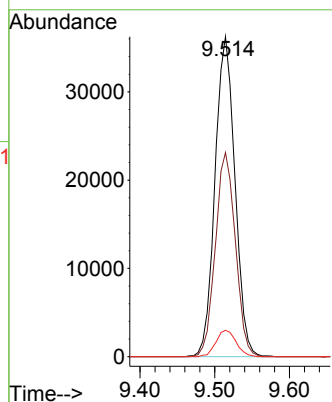
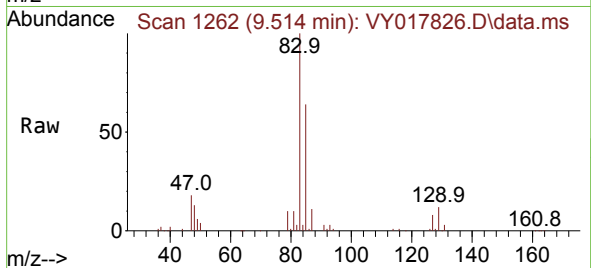




#47
Bromodichloromethane
Concen: 20.387 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

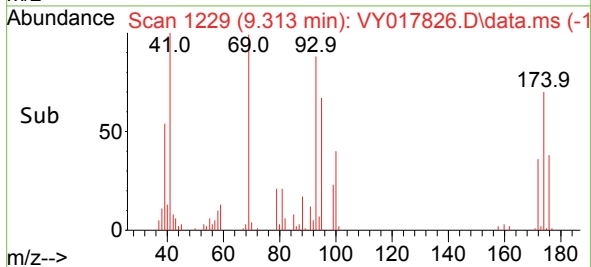
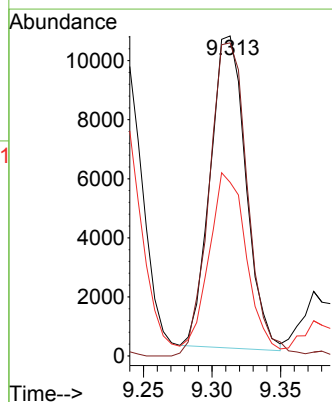
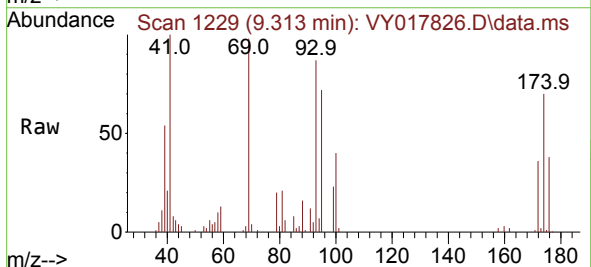
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

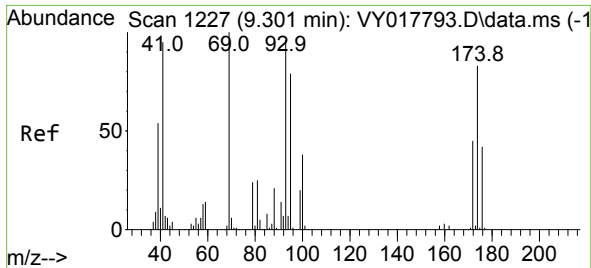
Tgt Ion: 83 Resp: 67318
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 19.828 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 41 Resp: 19126
Ion Ratio Lower Upper
41 100
69 107.7 84.1 126.1
39 57.6 43.6 65.4

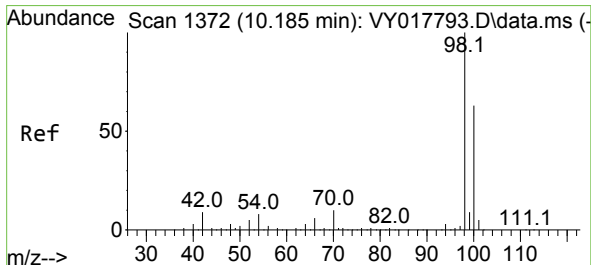
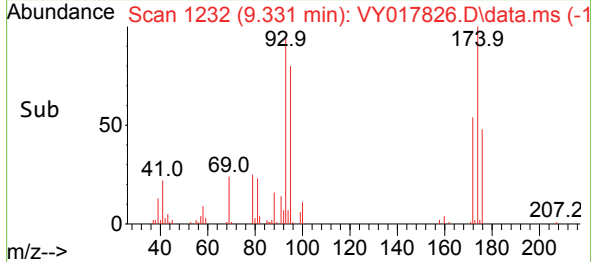
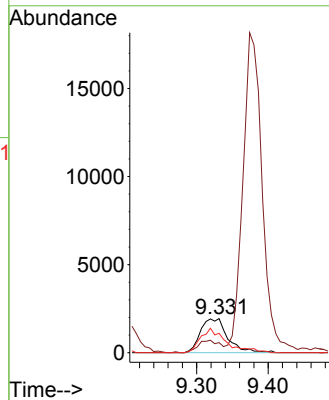
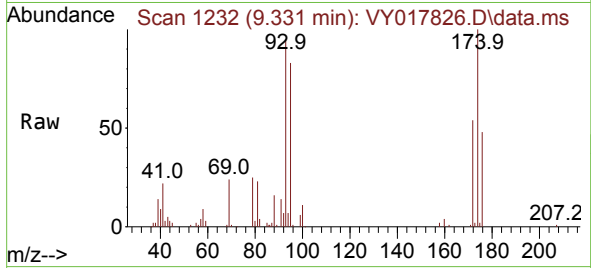




#49
1,4-Dioxane
Concen: 348.386 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.031 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

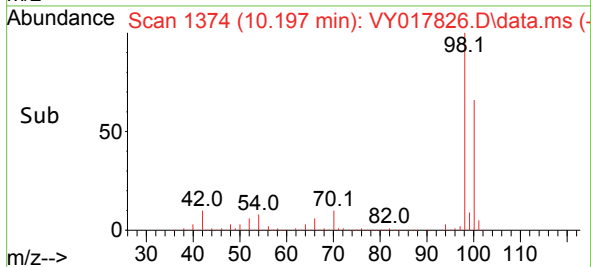
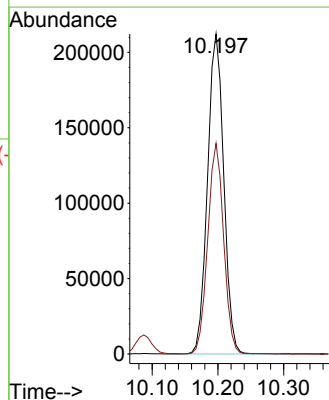
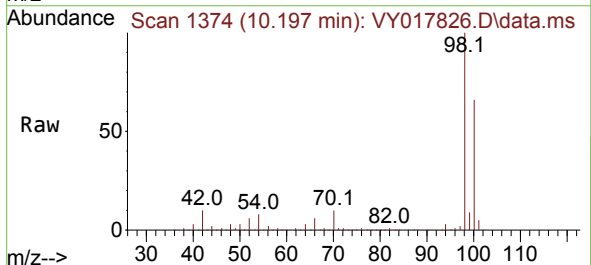
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

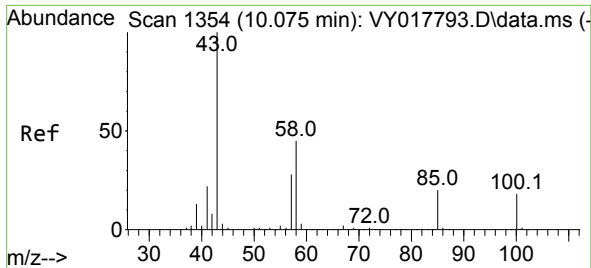
Tgt Ion: 88 Resp: 5111
Ion Ratio Lower Upper
88 100
43 28.7 0.0 0.0#
58 68.0 49.3 73.9



#50
Toluene-d8
Concen: 44.287 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 98 Resp: 364189
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

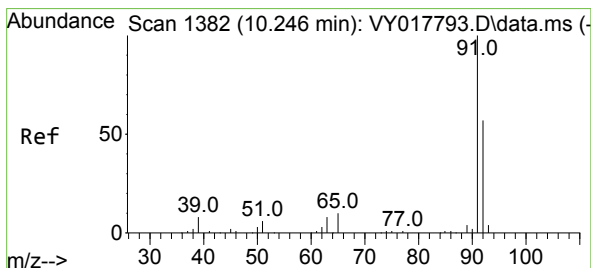
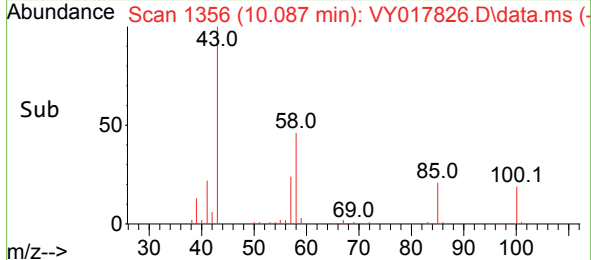
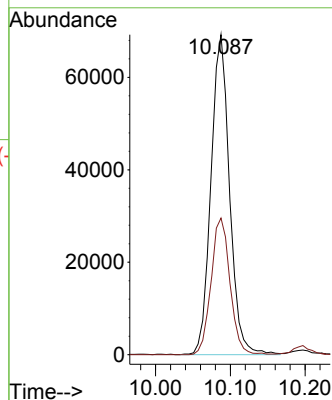
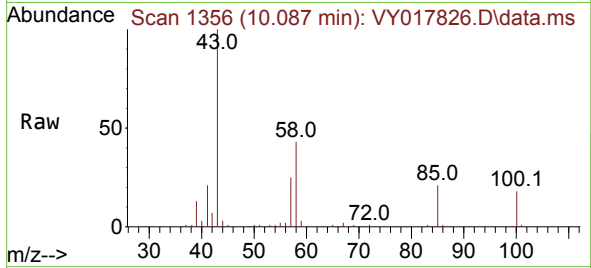




#51
4-Methyl-2-Pentanone
Concen: 104.284 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

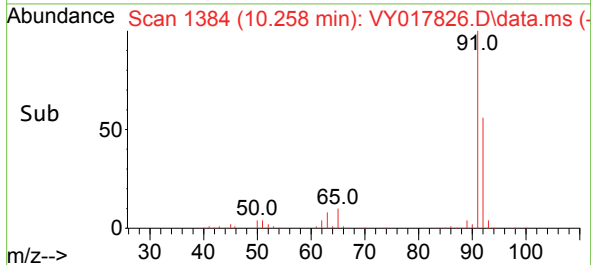
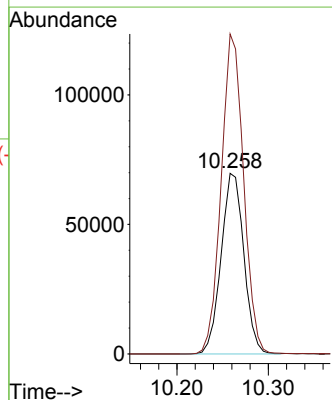
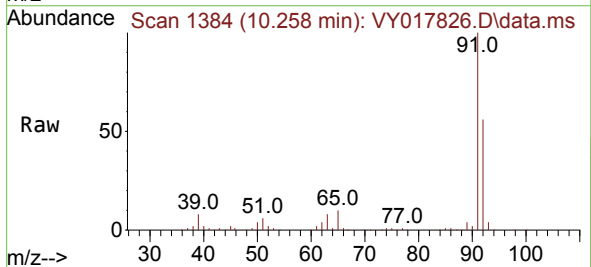
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

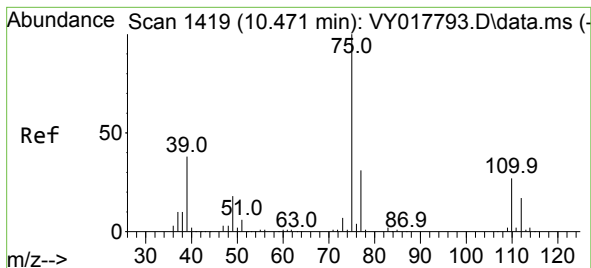
Tgt Ion: 43 Resp: 120053
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 20.085 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 92 Resp: 120597
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.6

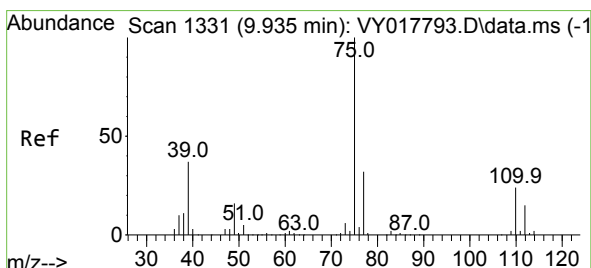
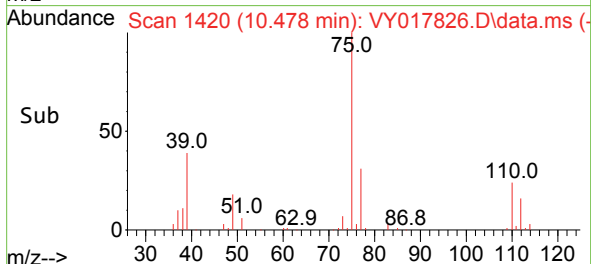
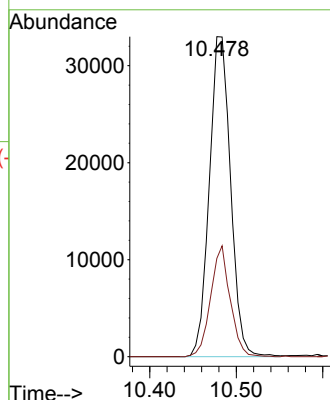
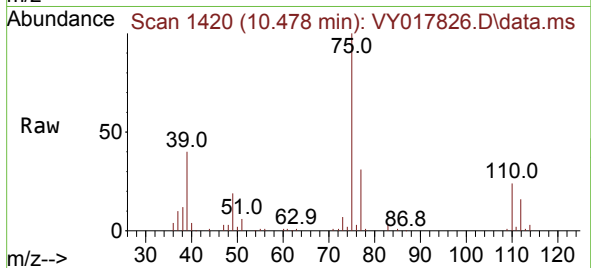




#53
 t-1,3-Dichloropropene
 Concen: 19.195 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

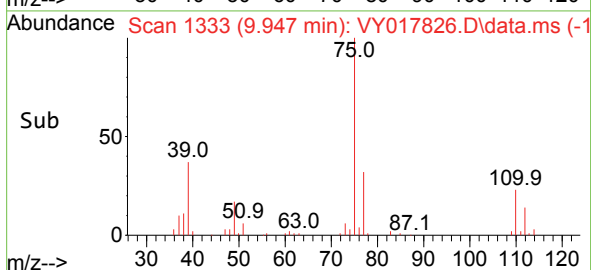
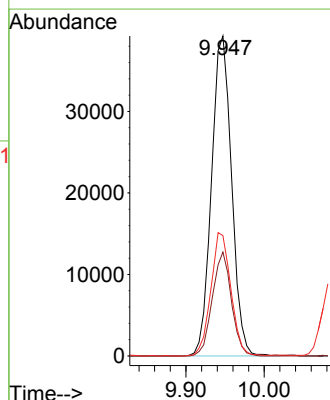
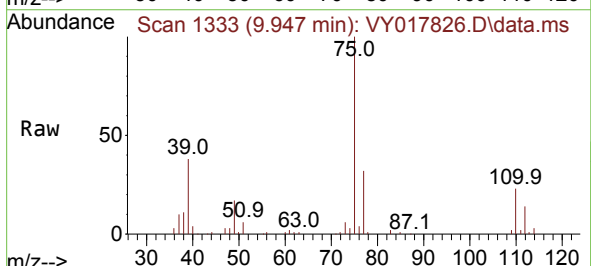
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

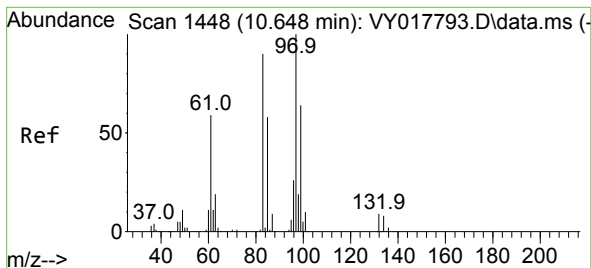
Tgt Ion: 75 Resp: 56277
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.542 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

Tgt Ion: 75 Resp: 69926
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 37.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 19.594 ug/l

RT: 10.660 min Scan# 1448

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

Tgt Ion: 97 Resp: 34120

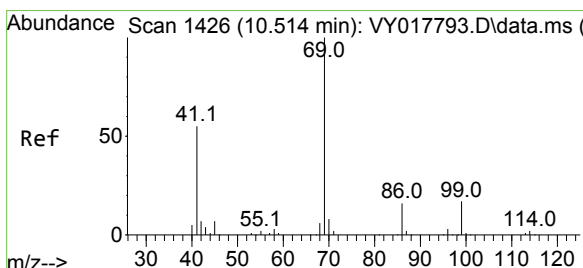
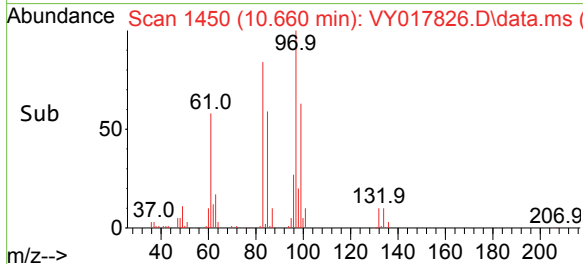
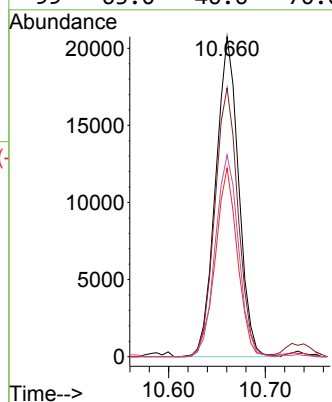
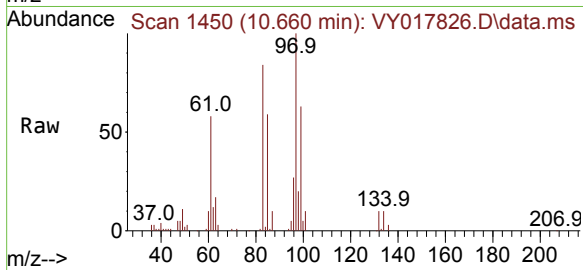
Ion Ratio Lower Upper

97 100

83 84.0 67.5 101.3

85 58.9 42.9 64.3

99 63.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.850 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

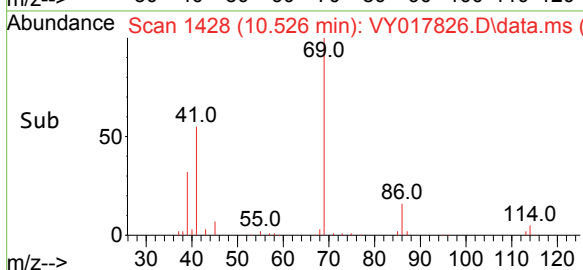
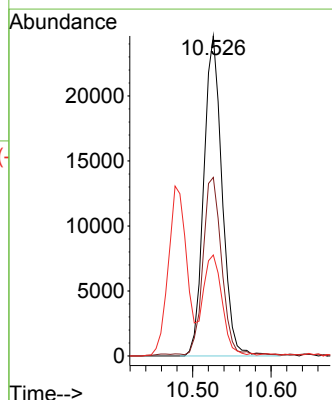
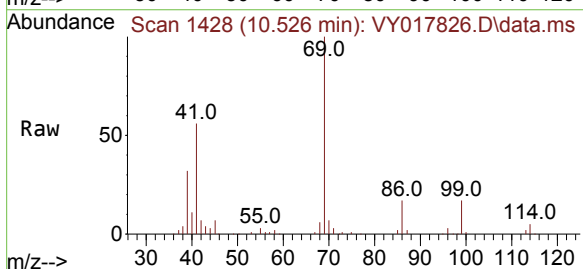
Tgt Ion: 69 Resp: 39997

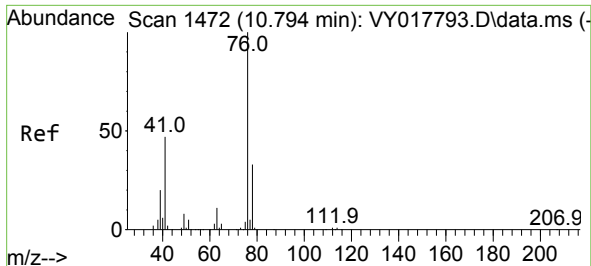
Ion Ratio Lower Upper

69 100

41 56.3 42.3 63.5

39 32.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.498 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

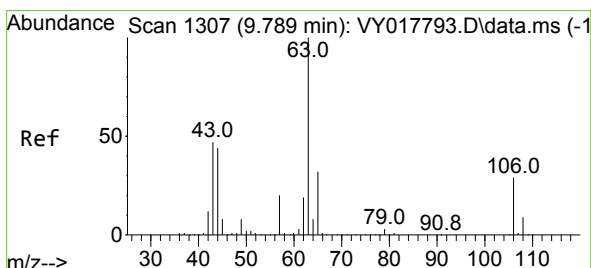
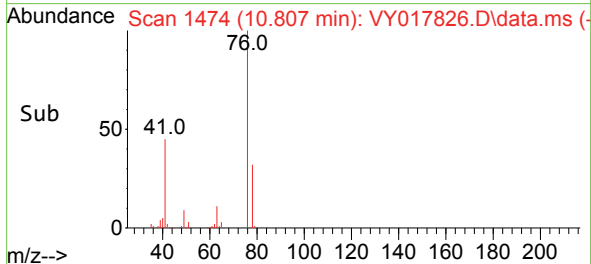
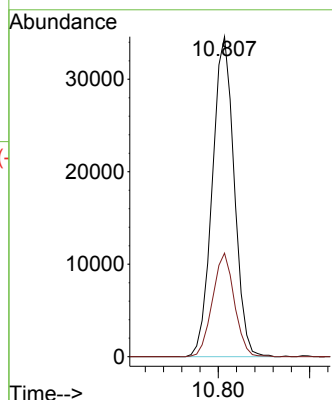
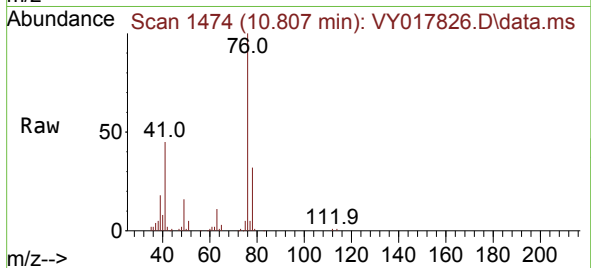
VY0403SBS01

Tgt Ion: 76 Resp: 57423

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.606 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017826.D

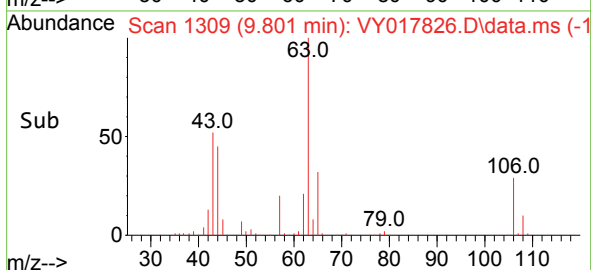
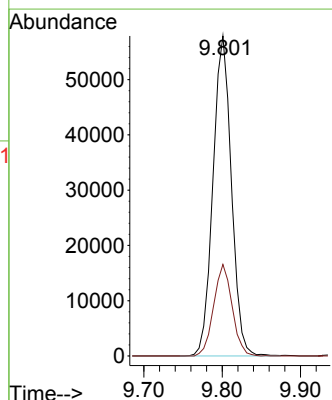
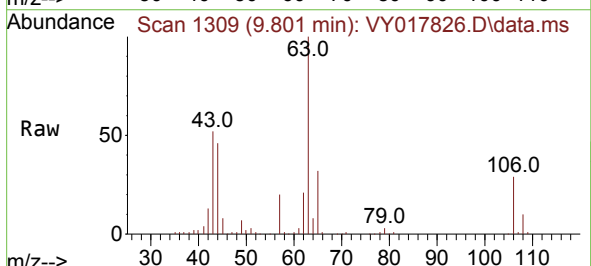
Acq: 03 Apr 2024 10:54

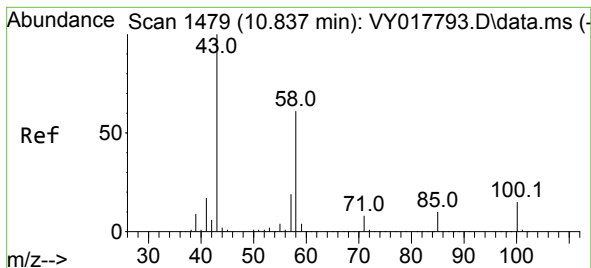
Tgt Ion: 63 Resp: 94705

Ion Ratio Lower Upper

63 100

106 28.6 23.7 35.5





#59

2-Hexanone

Concen: 100.359 ug/l

RT: 10.849 min Scan# 1479

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

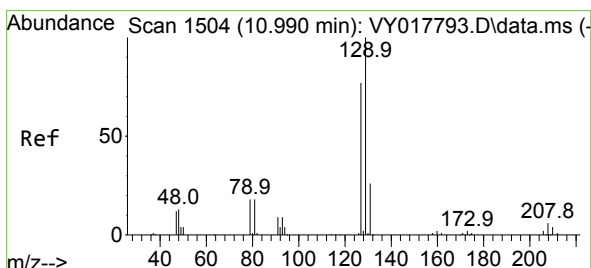
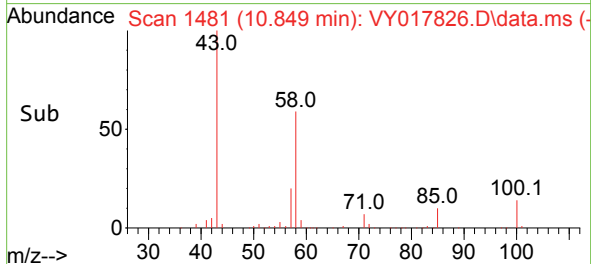
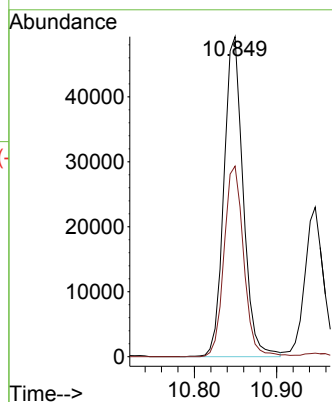
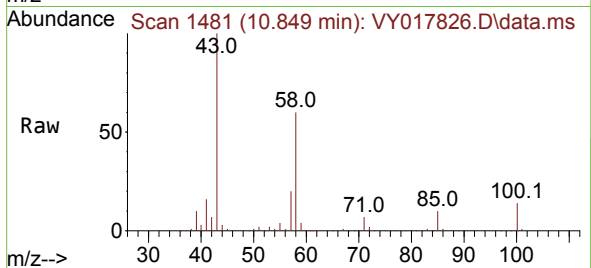
VY0403SBS01

Tgt Ion: 43 Resp: 79959

Ion Ratio Lower Upper

43 100

58 60.8 31.4 94.0



#60

Dibromochloromethane

Concen: 19.714 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017826.D

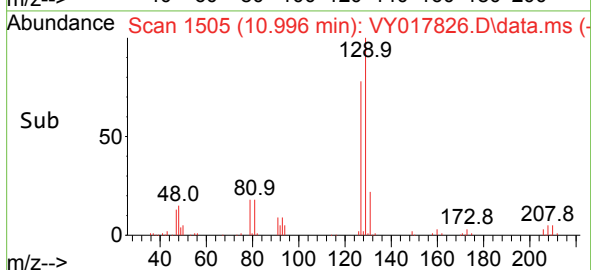
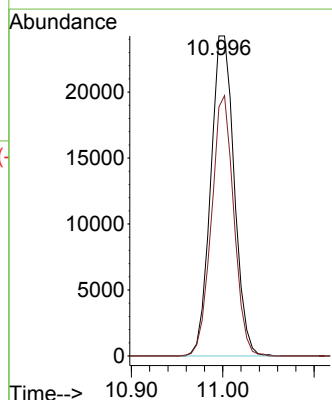
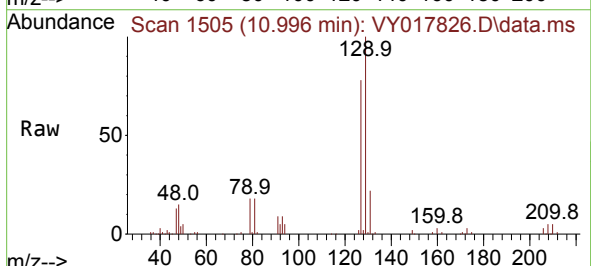
Acq: 03 Apr 2024 10:54

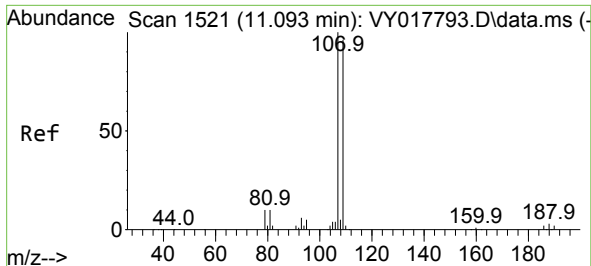
Tgt Ion: 129 Resp: 43297

Ion Ratio Lower Upper

129 100

127 77.2 39.0 117.0

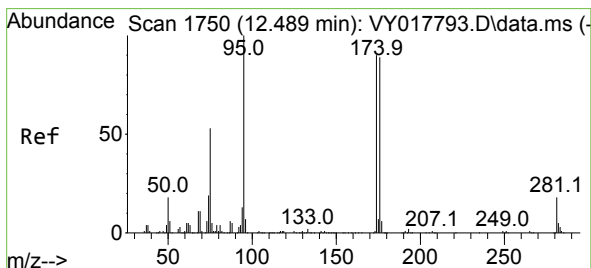
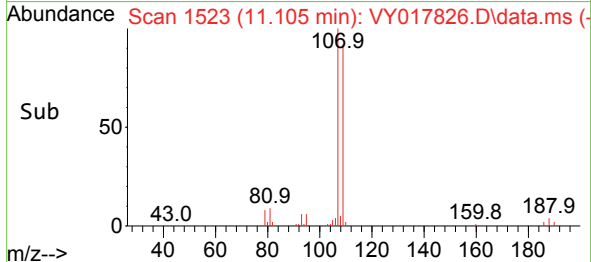
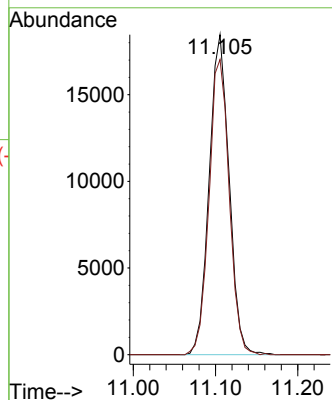
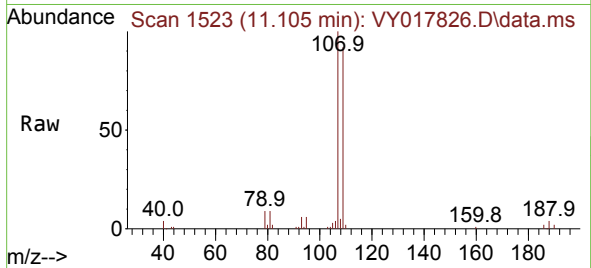




#61
1,2-Dibromoethane
Concen: 19.585 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

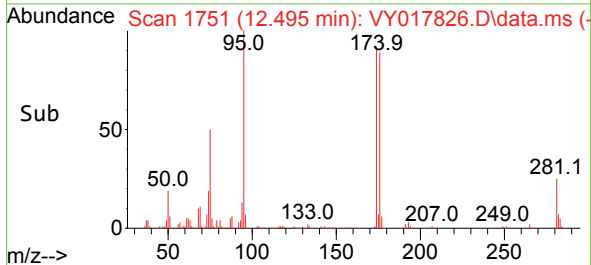
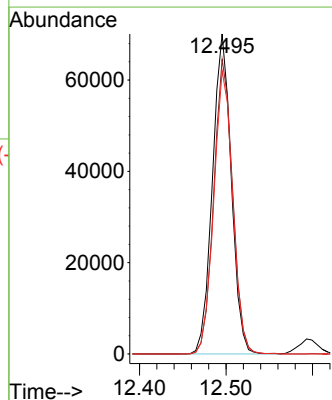
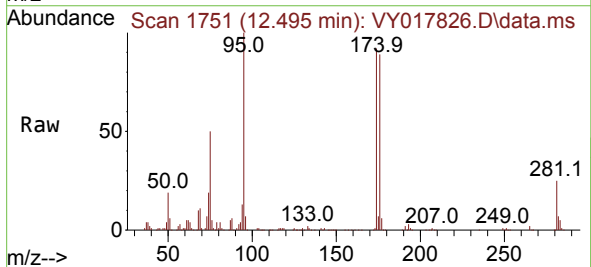
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

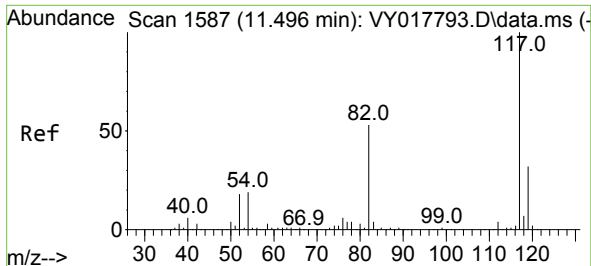
Tgt Ion:107 Resp: 31098
Ion Ratio Lower Upper
107 100
109 93.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 42.253 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 95 Resp: 105715
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 89.4 0.0 171.4

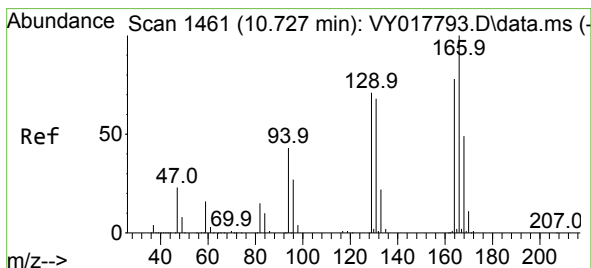
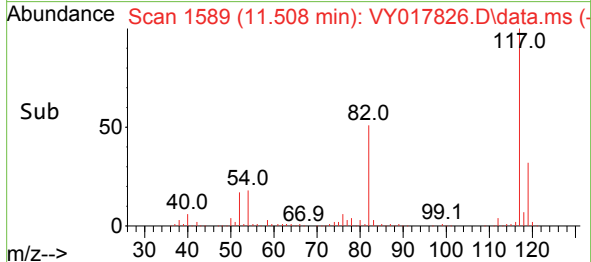
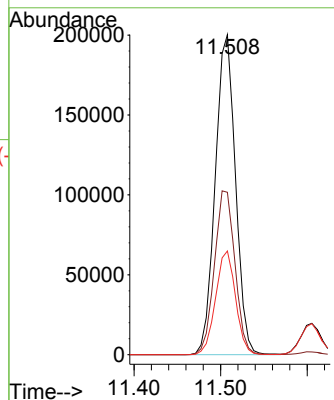
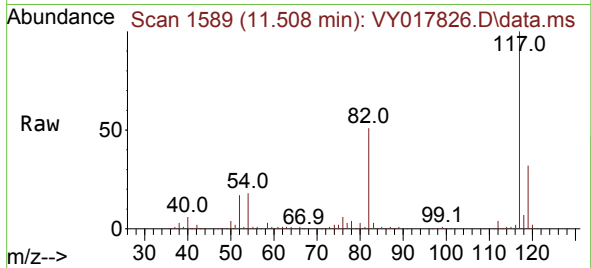




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

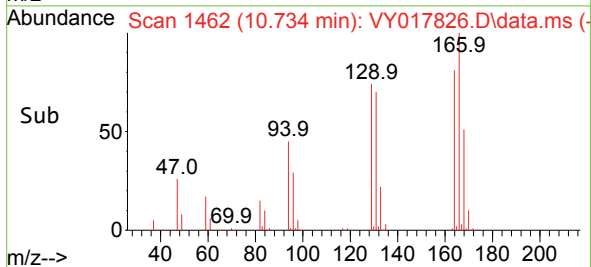
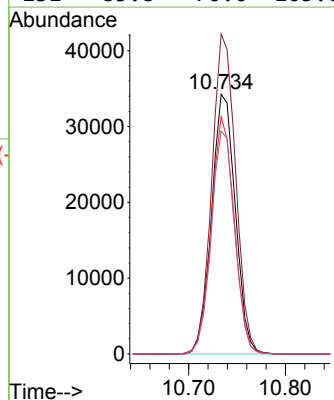
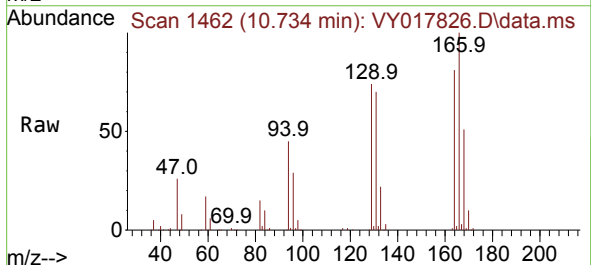
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

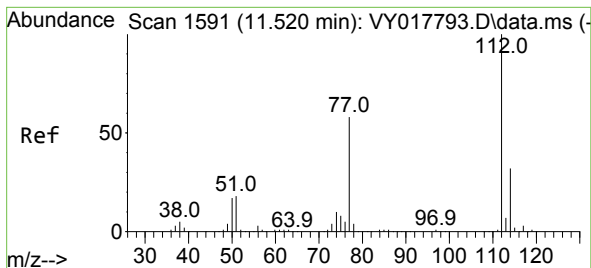
Tgt Ion:117 Resp: 324984
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.625 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion:164 Resp: 58463
Ion Ratio Lower Upper
164 100
166 123.2 102.6 154.0
129 91.3 72.0 108.0
131 85.8 70.0 105.0





#65

Chlorobenzene

Concen: 19.968 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

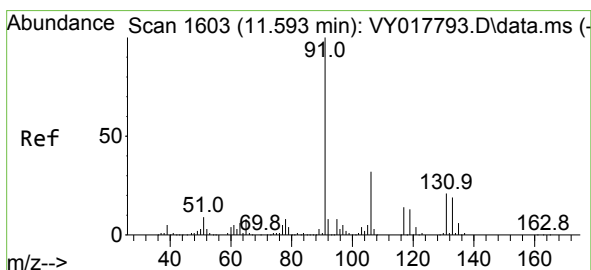
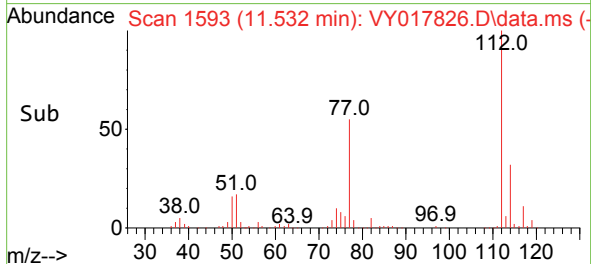
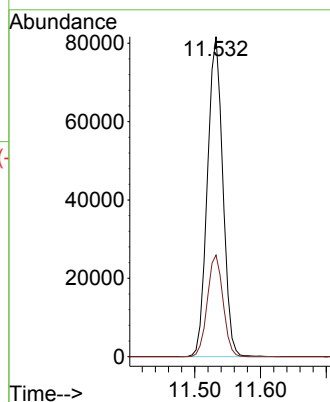
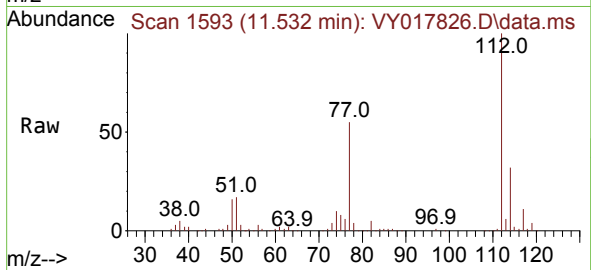
VY0403SBSD01

Tgt Ion:112 Resp: 133117

Ion Ratio Lower Upper

112 100

114 31.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.817 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

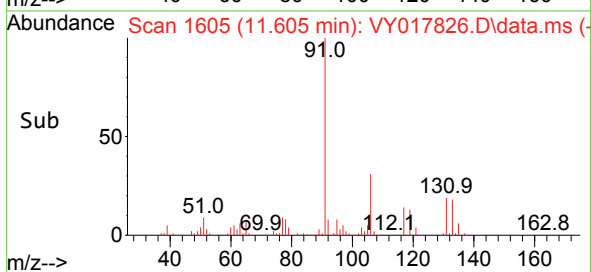
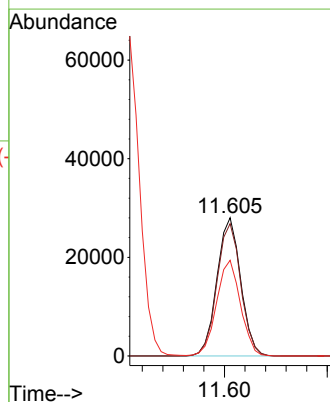
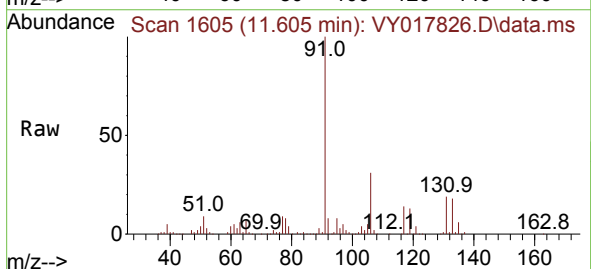
Tgt Ion:131 Resp: 44858

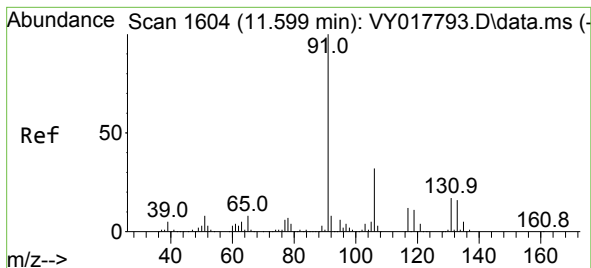
Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.3

119 69.8 34.1 102.2





#67

Ethyl Benzene

Concen: 19.533 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

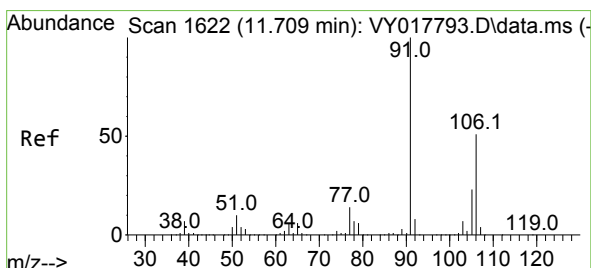
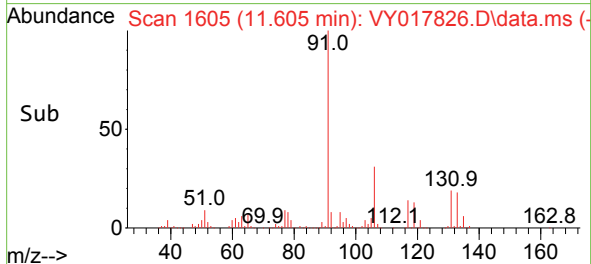
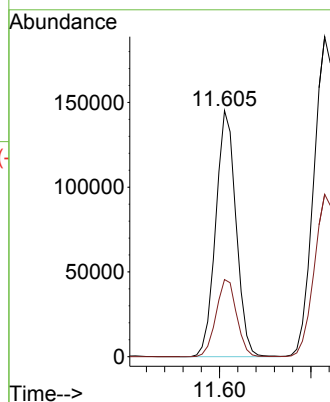
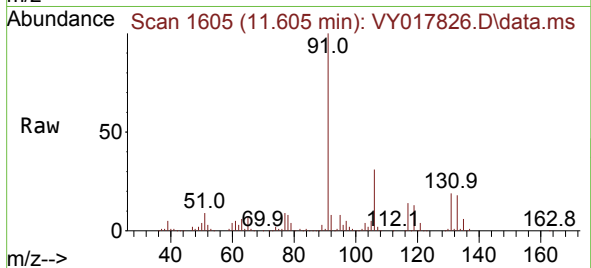
VY0403SBSD01

Tgt Ion: 91 Resp: 223857

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 39.524 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017826.D

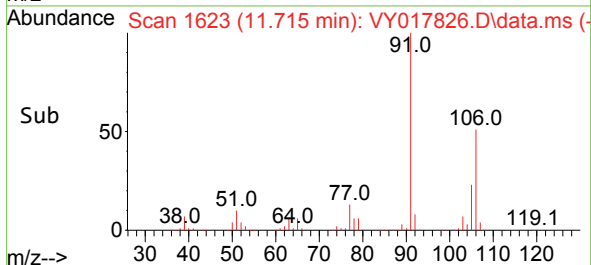
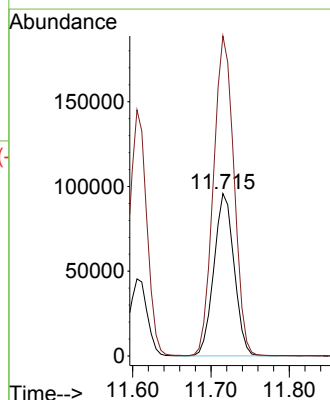
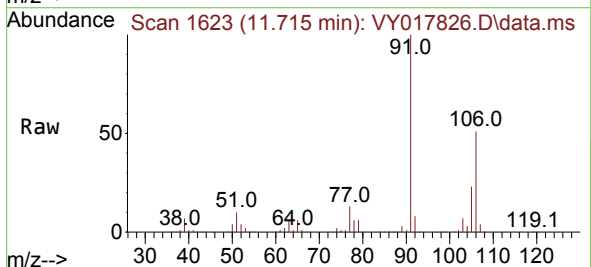
Acq: 03 Apr 2024 10:54

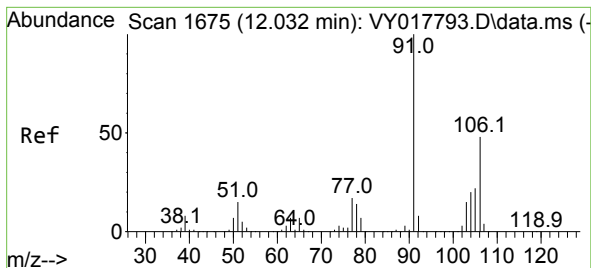
Tgt Ion:106 Resp: 171779

Ion Ratio Lower Upper

106 100

91 200.1 156.0 234.0

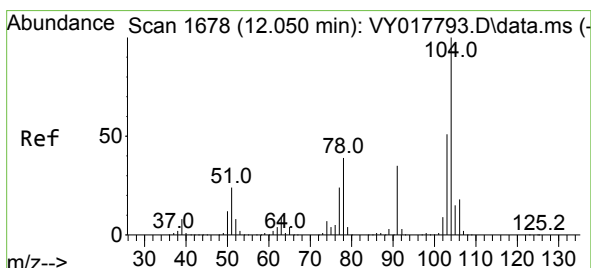
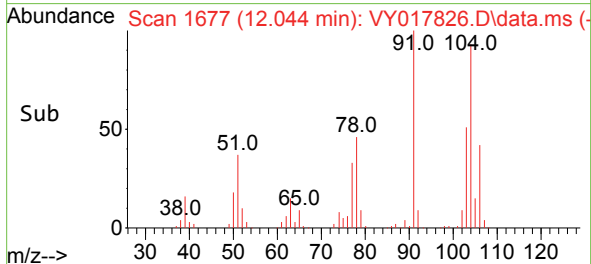
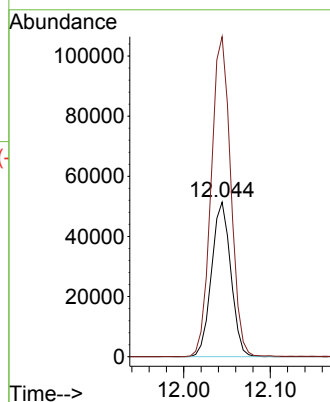
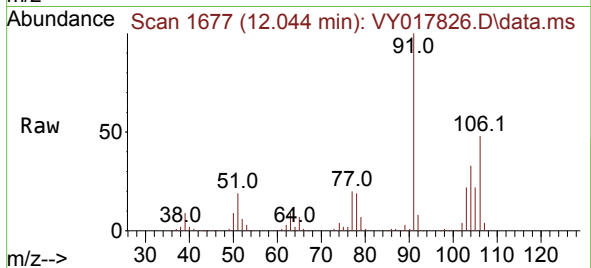




#69
o-Xylene
Concen: 23.575 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

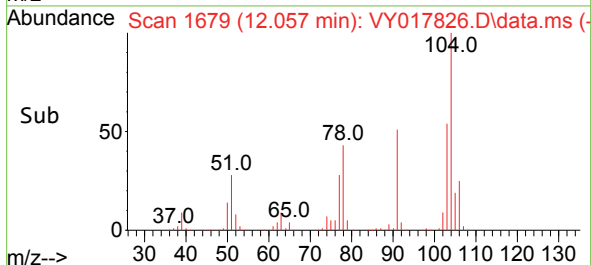
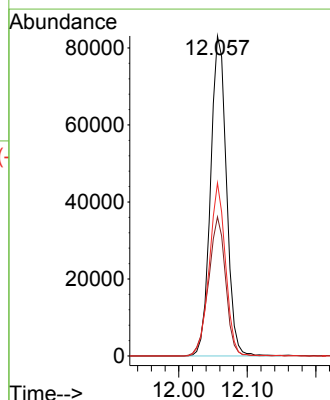
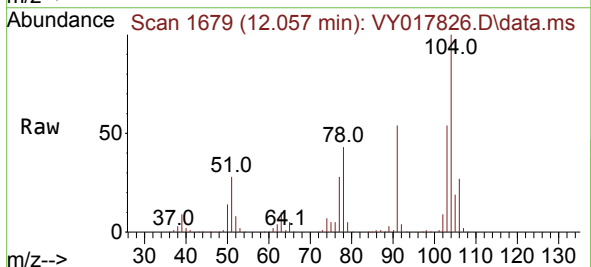
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

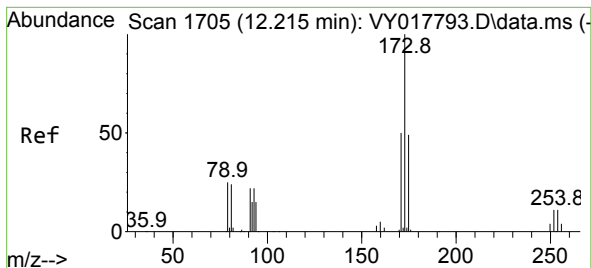
Tgt Ion:106 Resp: 79438
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.8



#70
Styrene
Concen: 23.379 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion:104 Resp: 134418
Ion Ratio Lower Upper
104 100
78 46.7 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 19.232 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

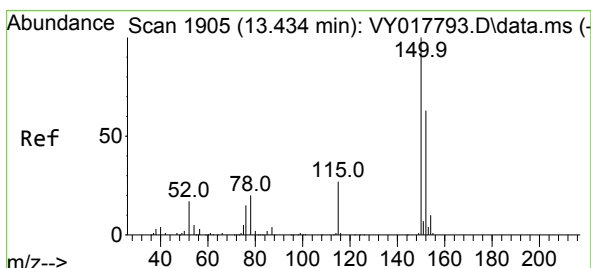
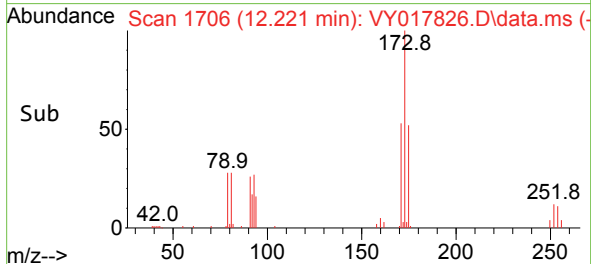
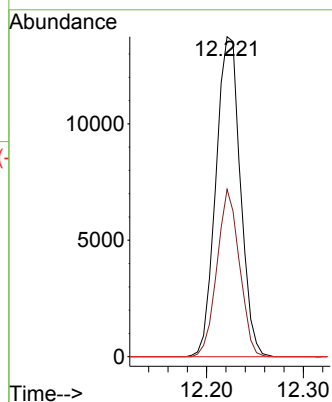
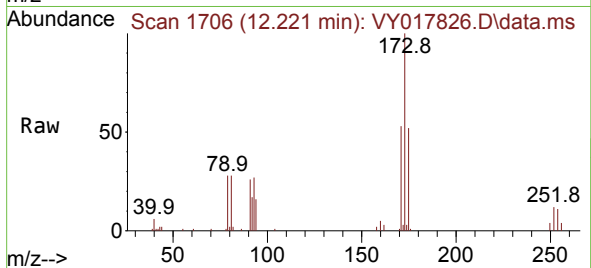
Tgt Ion:173 Resp: 24131

Ion Ratio Lower Upper

173 100

175 48.0 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. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

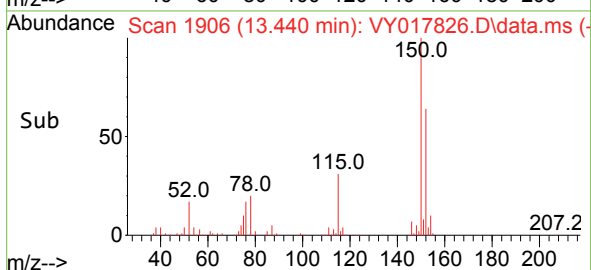
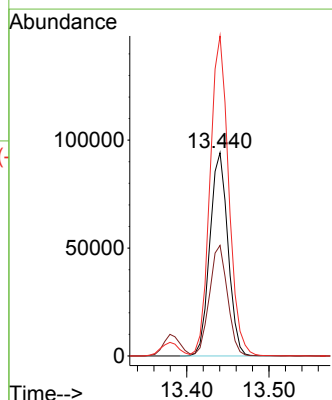
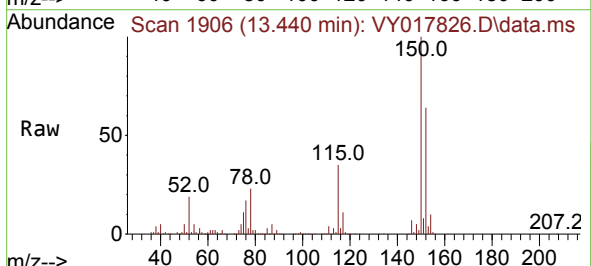
Tgt Ion:152 Resp: 143910

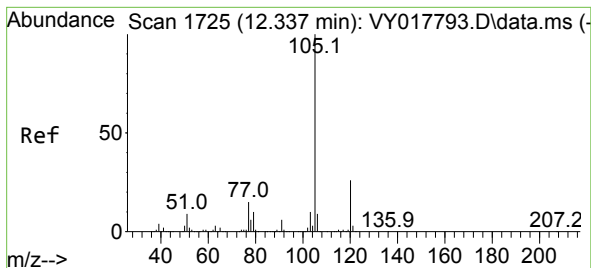
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 162.7 0.0 345.6





#73

Isopropylbenzene

Concen: 20.839 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

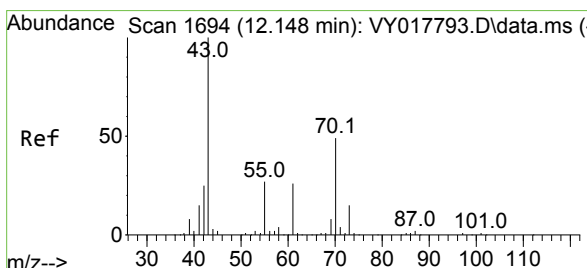
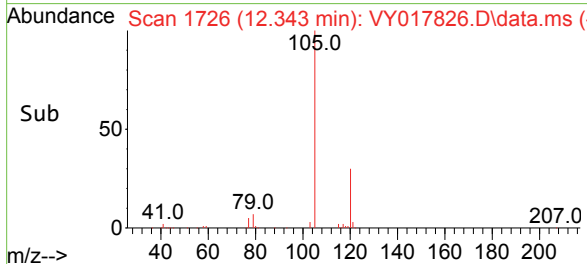
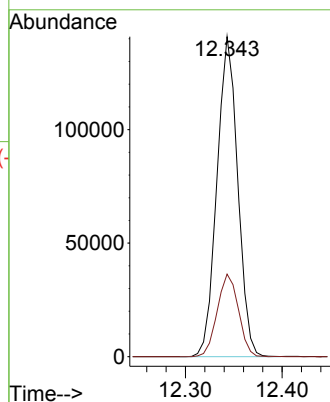
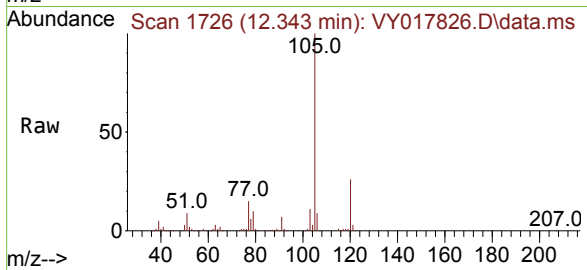
VY0403SBS01

Tgt Ion:105 Resp: 210161

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 21.353 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Tgt Ion: 43 Resp: 36701

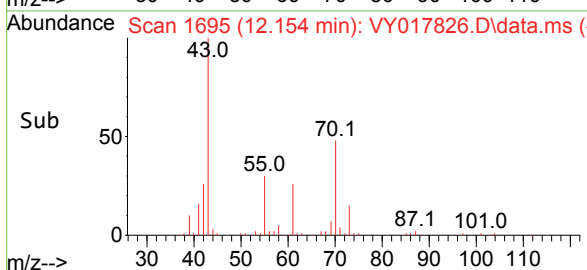
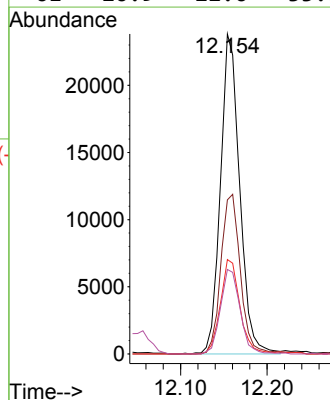
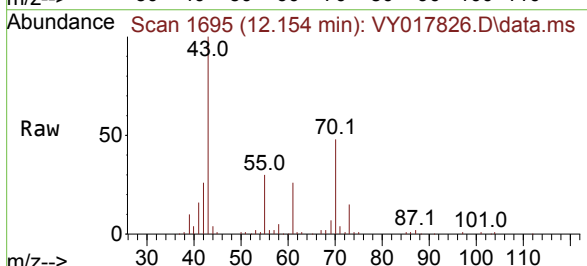
Ion Ratio Lower Upper

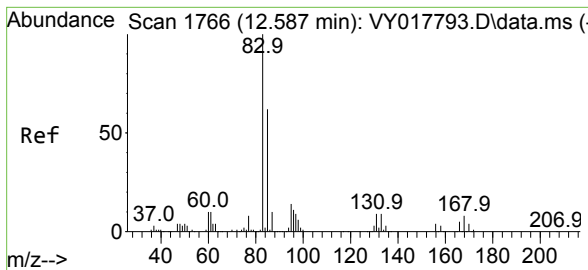
43 100

70 51.1 41.4 62.2

55 30.0 23.3 34.9

61 26.9 22.6 33.8

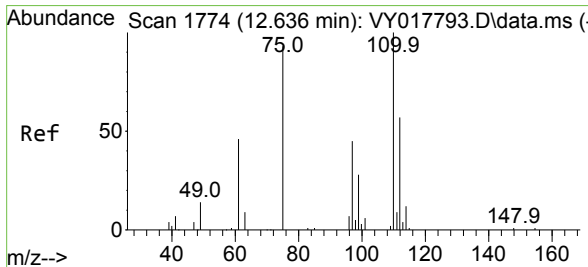
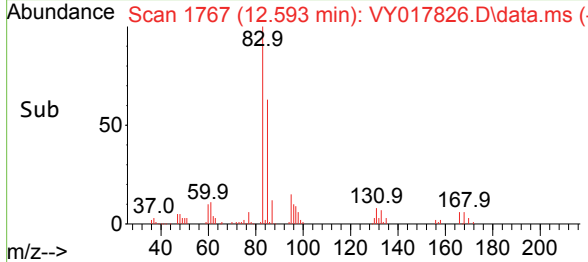
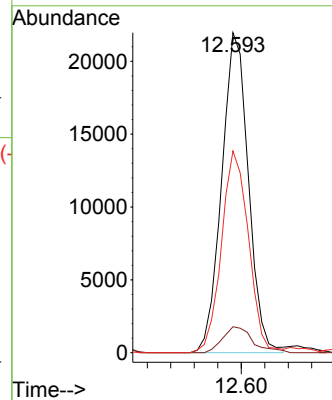
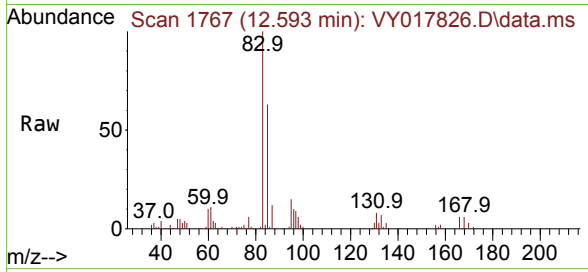




#75
1,1,2,2-Tetrachloroethane
Concen: 19.859 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

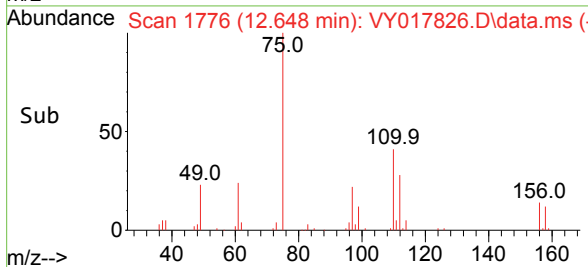
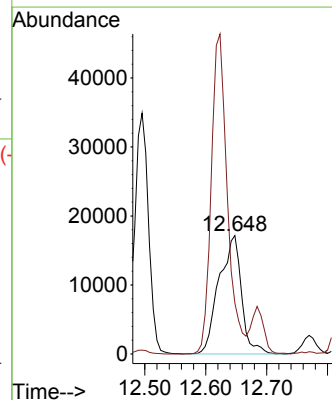
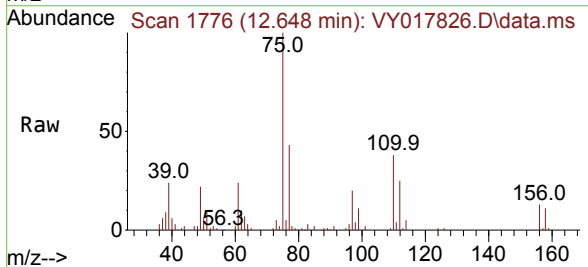
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

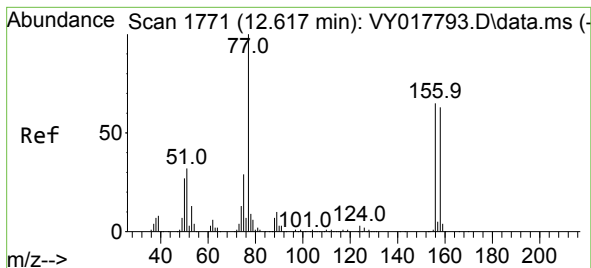
Tgt Ion: 83 Resp: 34645
Ion Ratio Lower Upper
83 100
131 9.1 5.0 14.9
85 63.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 33.674 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 75 Resp: 44160
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.304 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

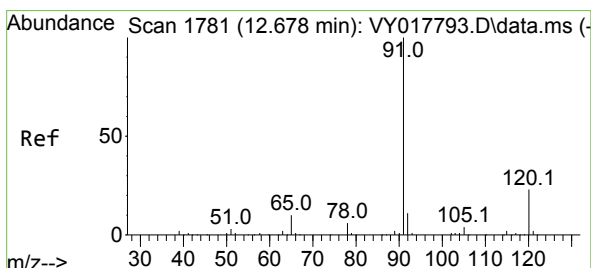
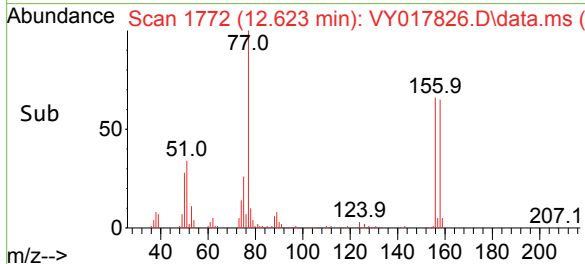
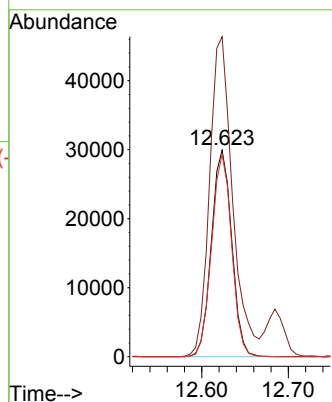
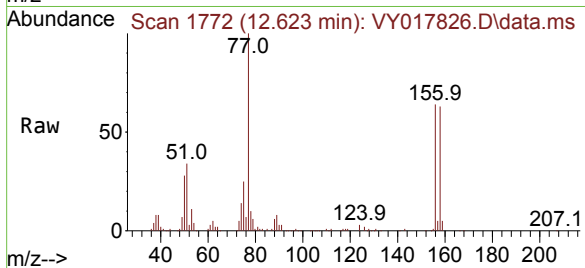
Tgt Ion:156 Resp: 48770

Ion Ratio Lower Upper

156 100

77 175.3 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 20.924 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017826.D

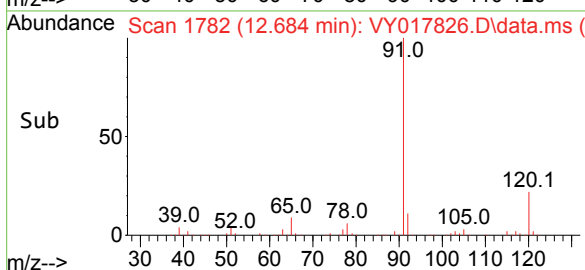
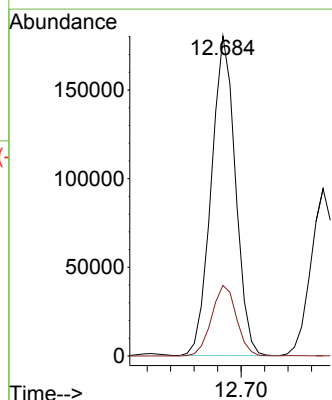
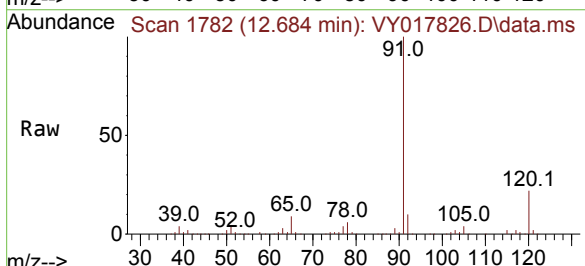
Acq: 03 Apr 2024 10:54

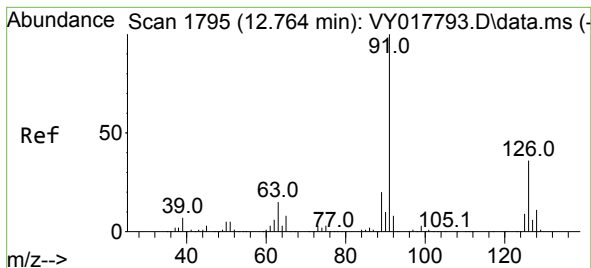
Tgt Ion: 91 Resp: 257488

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.898 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

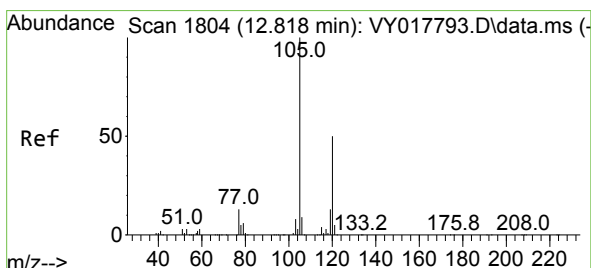
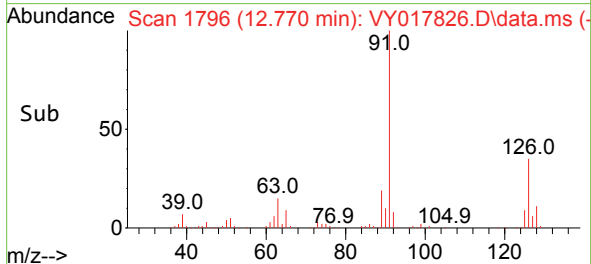
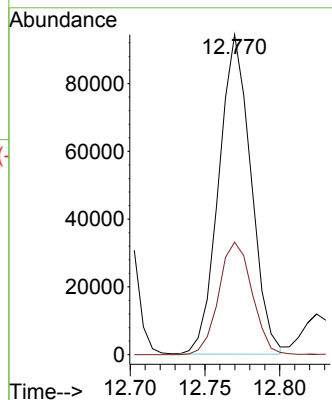
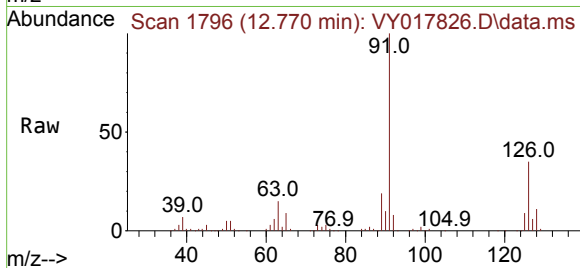
VY0403SBS01

Tgt Ion: 91 Resp: 140864

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.414 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017826.D

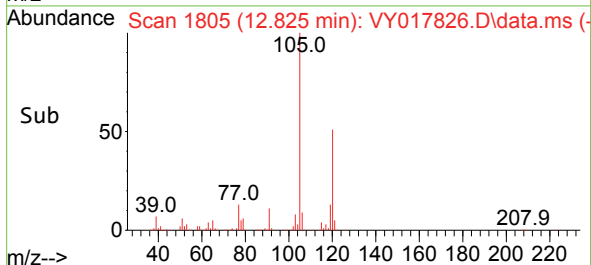
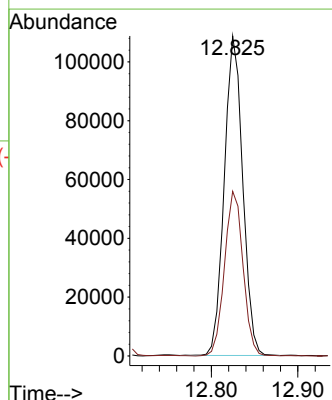
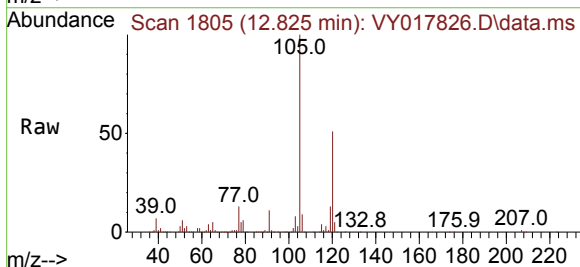
Acq: 03 Apr 2024 10:54

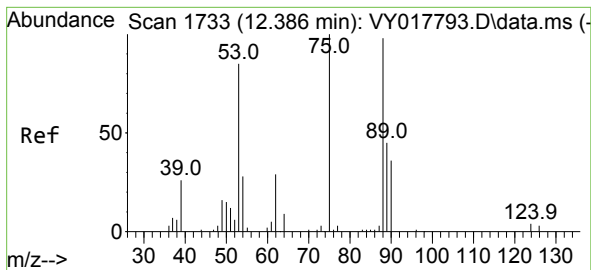
Tgt Ion:105 Resp: 160673

Ion Ratio Lower Upper

105 100

120 51.9 25.1 75.2

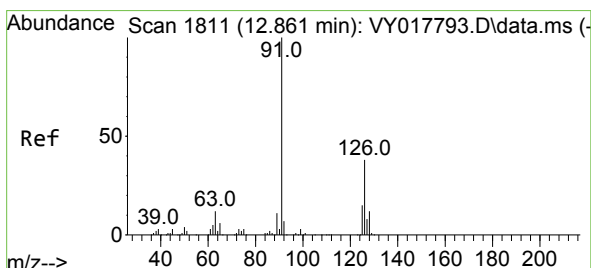
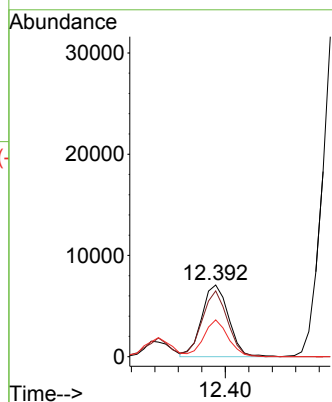
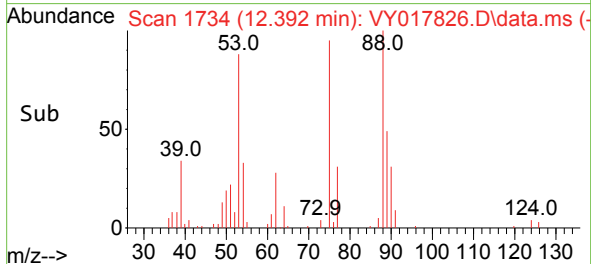
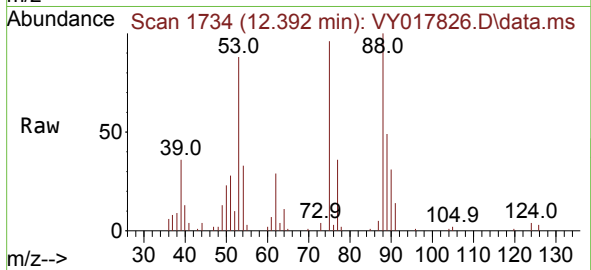




#81
trans-1,4-Dichloro-2-butene
Concen: 21.845 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

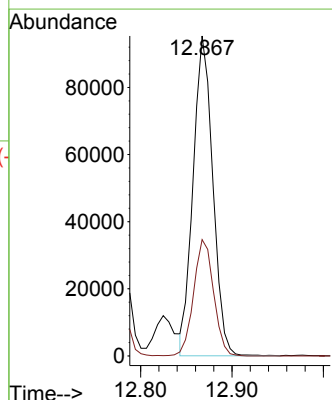
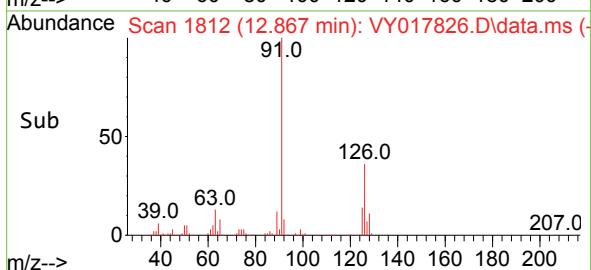
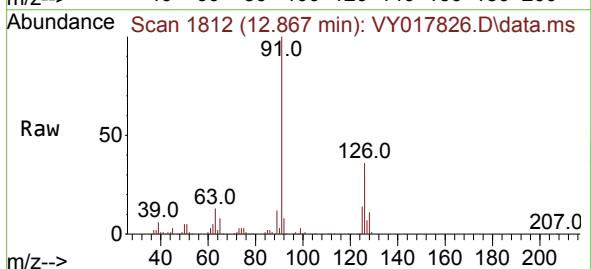
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

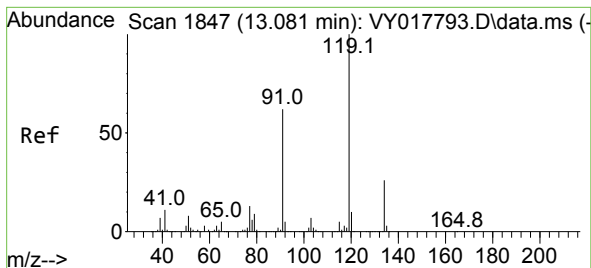
Tgt Ion: 75 Resp: 11220
Ion Ratio Lower Upper
75 100
53 87.3 66.8 100.2
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.419 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017826.D
Acq: 03 Apr 2024 10:54

Tgt Ion: 91 Resp: 142519
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.690 ug/l

RT: 13.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

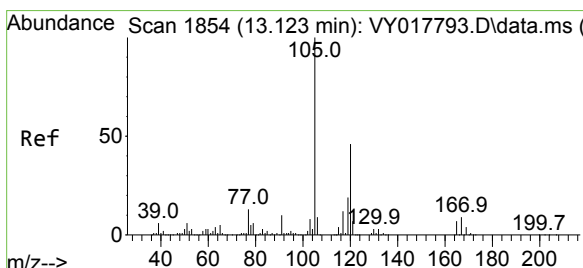
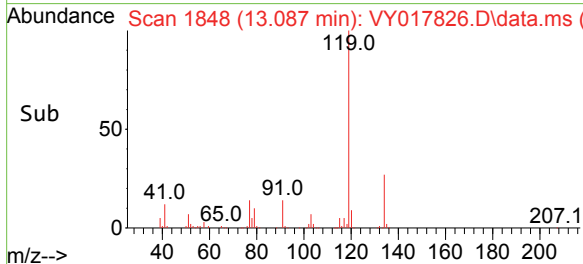
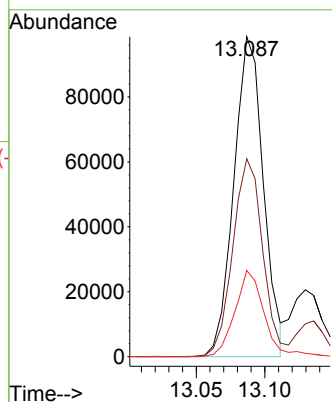
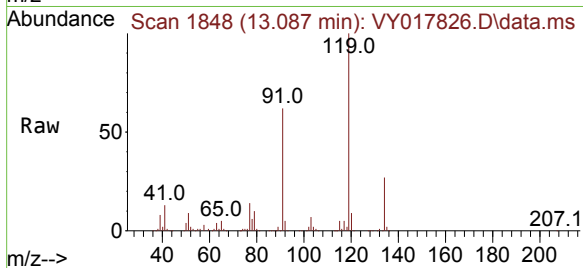
Tgt Ion:119 Resp: 148050

Ion Ratio Lower Upper

119 100

91 62.9 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.338 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017826.D

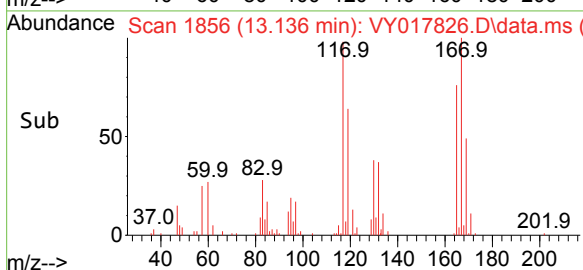
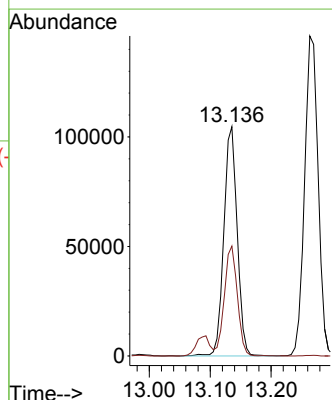
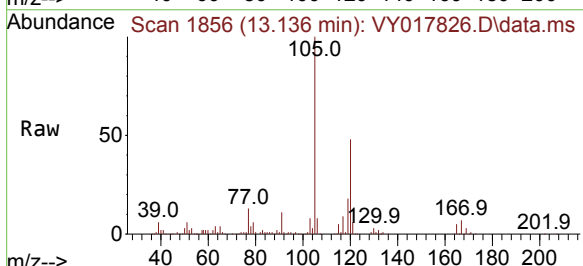
Acq: 03 Apr 2024 10:54

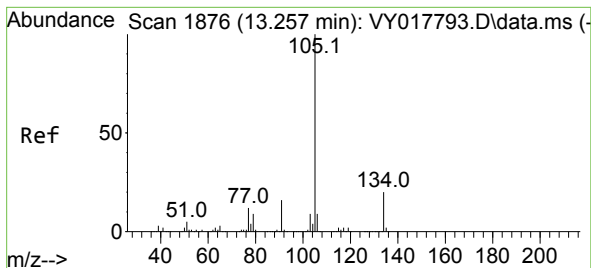
Tgt Ion:105 Resp: 159430

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.931 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

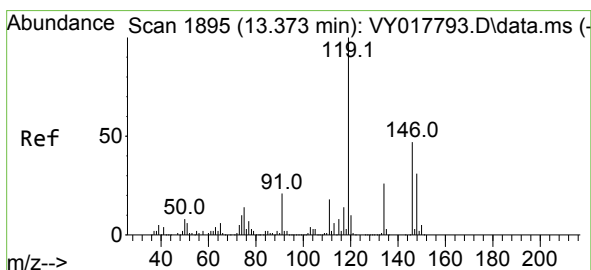
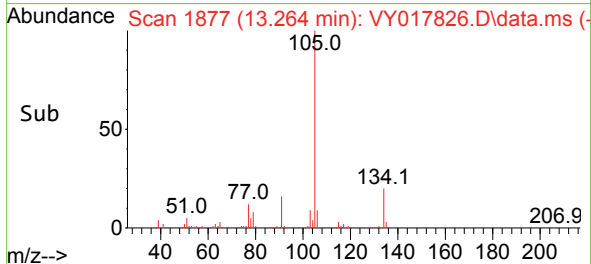
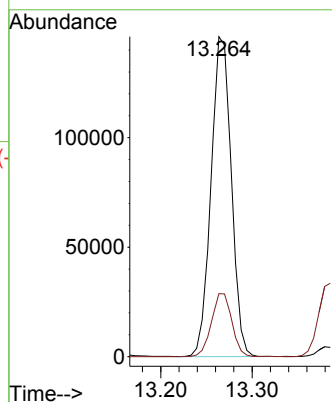
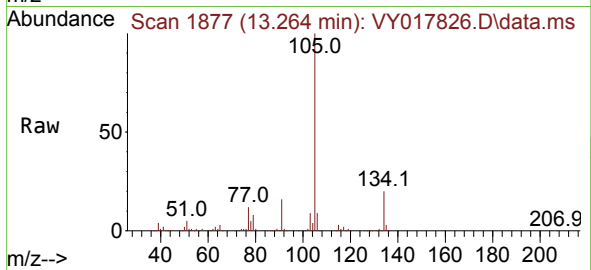
VY0403SBS01

Tgt Ion:105 Resp: 224808

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.211 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

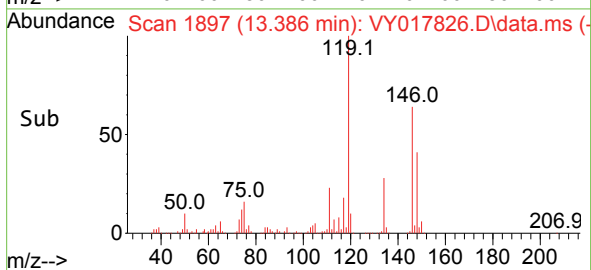
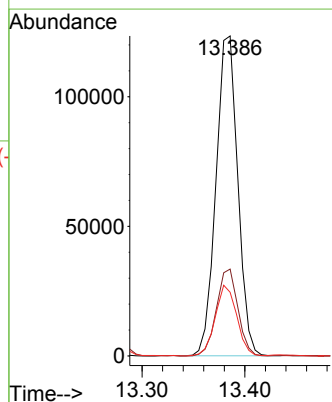
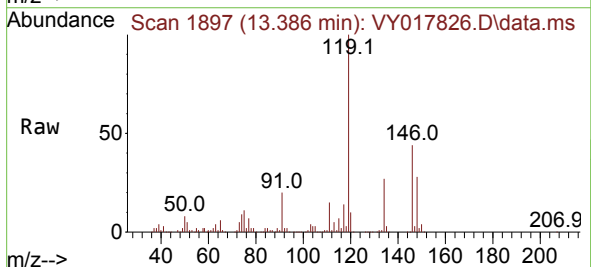
Tgt Ion:119 Resp: 181443

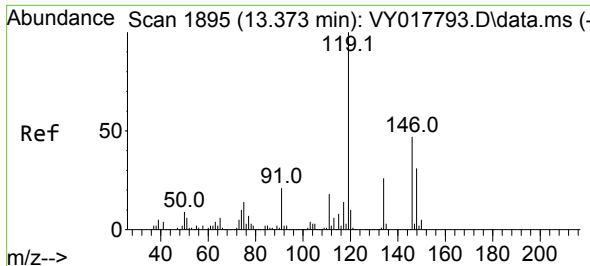
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.9 10.7 32.1

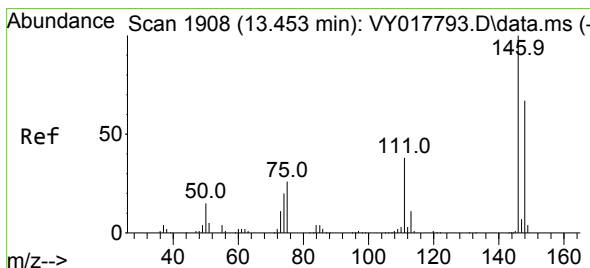
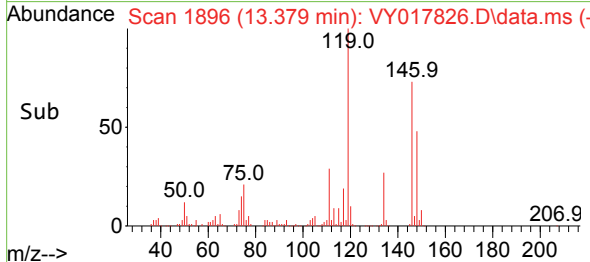
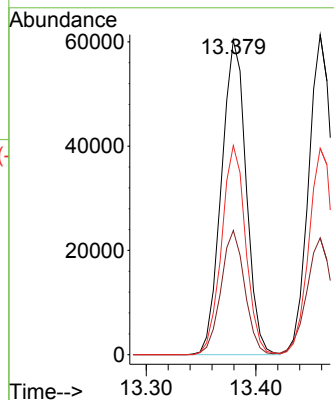
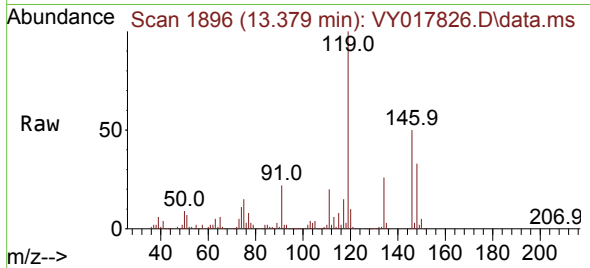




#87
 1,3-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

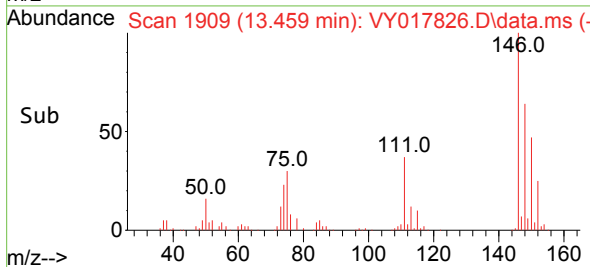
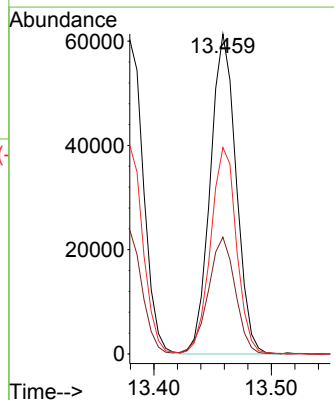
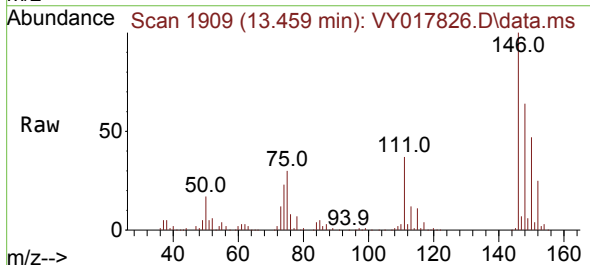
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBSD01

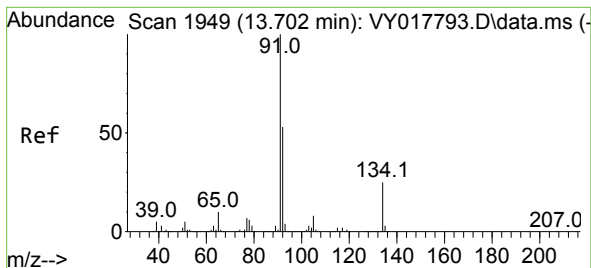
Tgt Ion:146 Resp: 94547
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.594 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY017826.D
 Acq: 03 Apr 2024 10:54

Tgt Ion:146 Resp: 93947
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.4 55.4
 148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 20.443 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

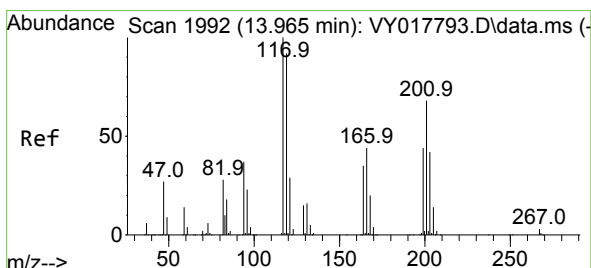
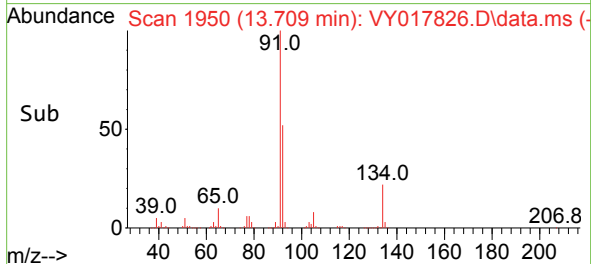
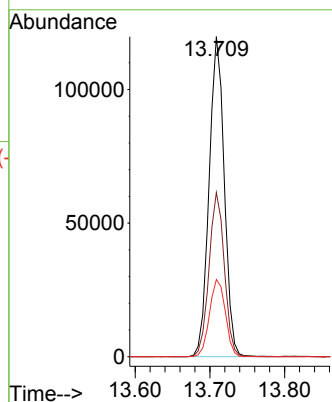
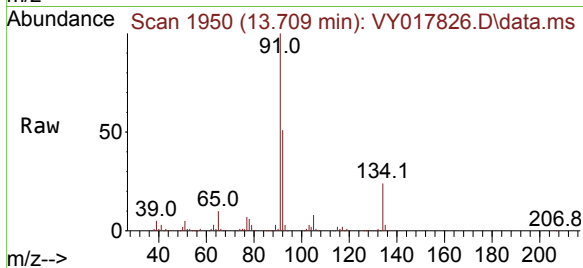
Tgt Ion: 91 Resp: 168848

Ion Ratio Lower Upper

91 100

92 51.6 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 20.862 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017826.D

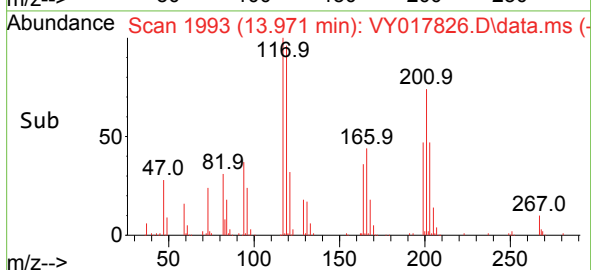
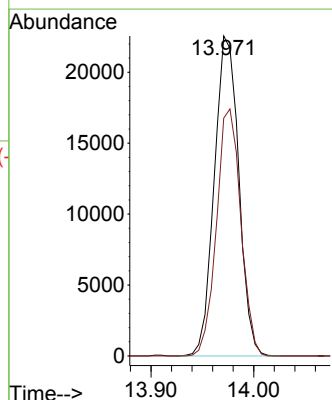
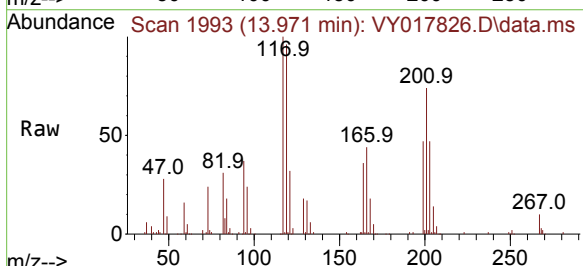
Acq: 03 Apr 2024 10:54

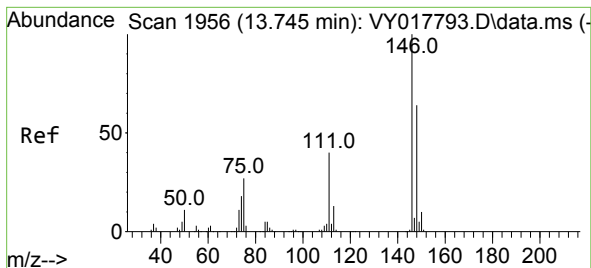
Tgt Ion: 117 Resp: 37242

Ion Ratio Lower Upper

117 100

201 76.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.114 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

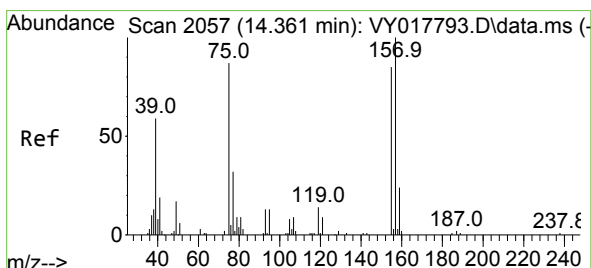
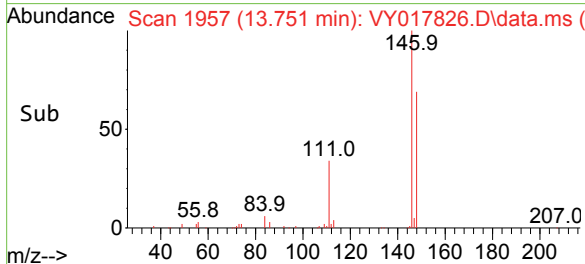
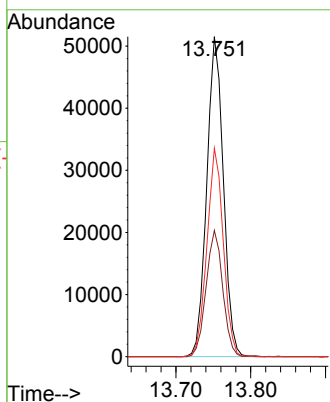
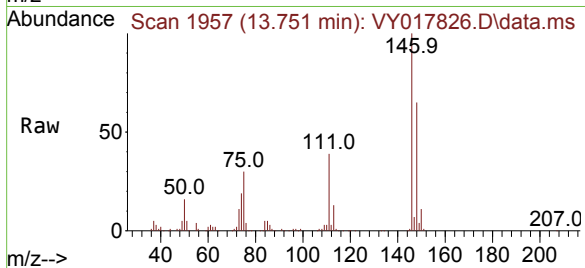
Tgt Ion:146 Resp: 79466

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 64.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.914 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

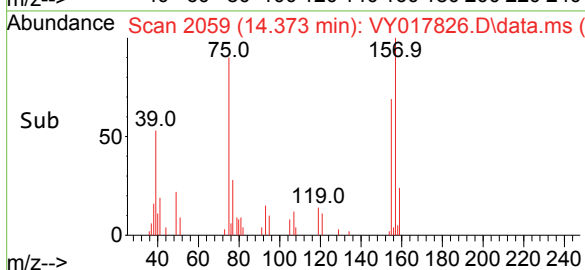
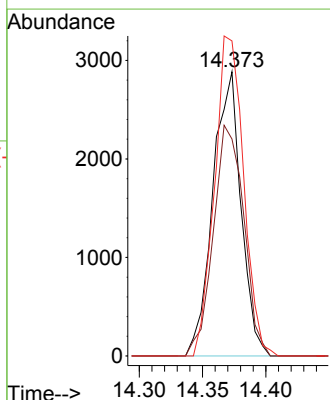
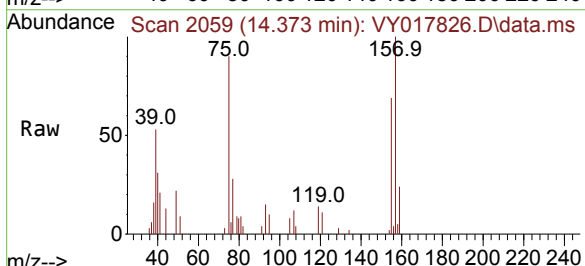
Tgt Ion: 75 Resp: 4459

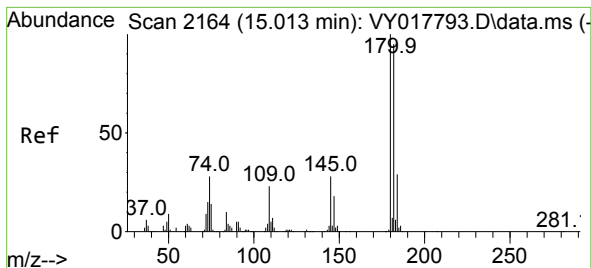
Ion Ratio Lower Upper

75 100

155 87.9 48.6 145.8

157 116.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.623 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

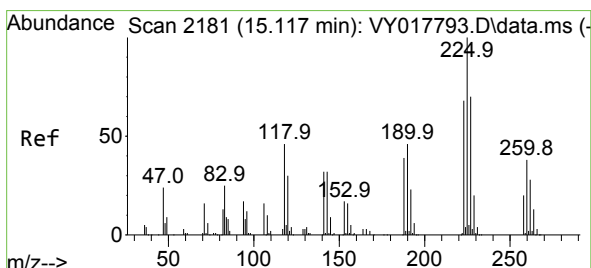
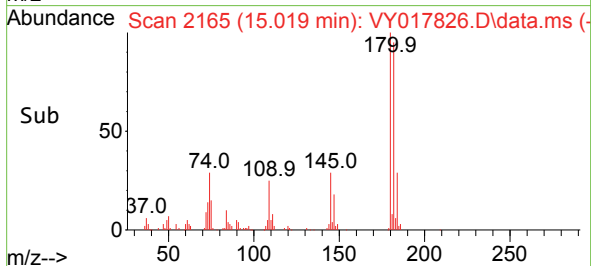
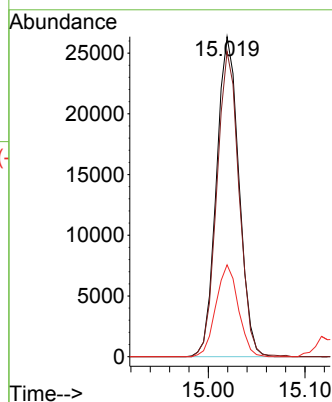
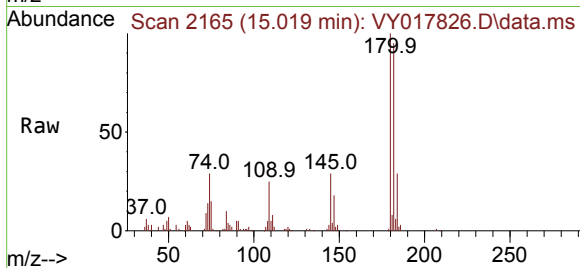
Tgt Ion:180 Resp: 42463

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.006 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

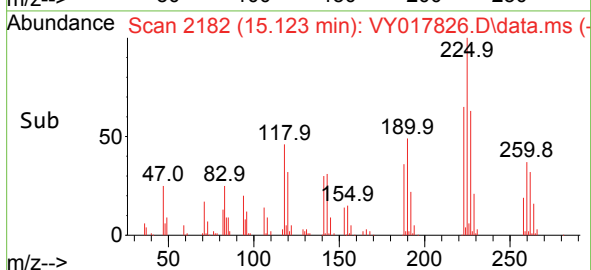
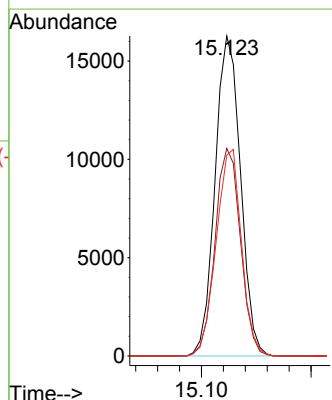
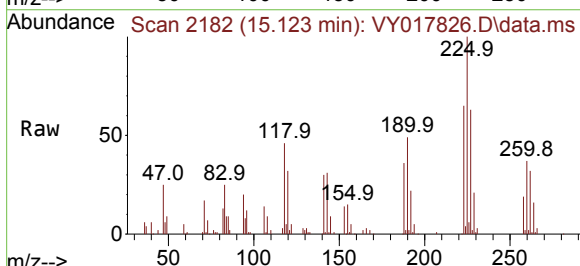
Tgt Ion:225 Resp: 26244

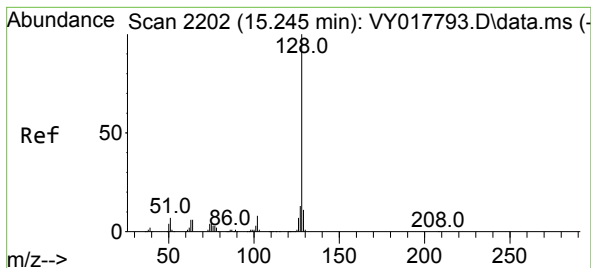
Ion Ratio Lower Upper

225 100

223 64.9 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 20.684 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

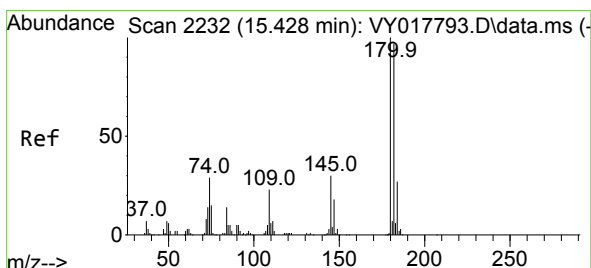
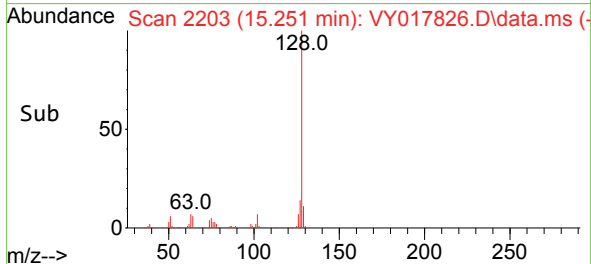
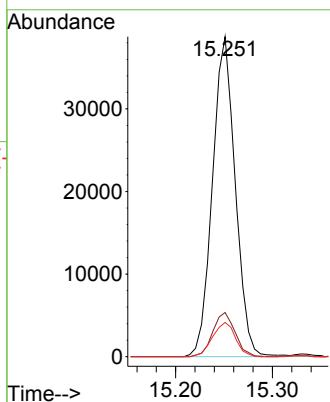
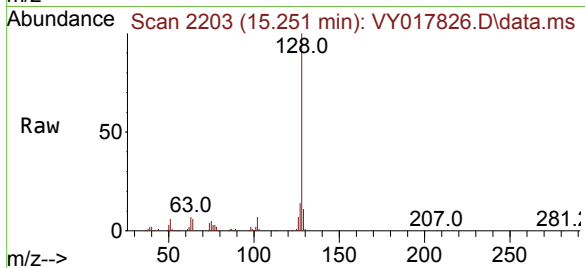
Tgt Ion:128 Resp: 63356

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.833 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017826.D

Acq: 03 Apr 2024 10:54

Tgt Ion:180 Resp: 34424

Ion Ratio Lower Upper

180 100

182 98.4 47.6 142.9

145 29.7 15.4 46.1

